

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
 Data File : BF133189.D
 Acq On : 02 May 2023 15:17
 Operator : CG\JU
 Sample : 02270-26MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14-16-20230413MSD

Quant Time: May 03 04:54:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 04:52:44 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/03/2023
 Supervised By : Jagrut Upadhyay 05/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	208070	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	859805	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	435519	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	758642	20.000	ng	0.00
76) Chrysene-d12	13.886	240	432745	20.000	ng	# 0.00
86) Perylene-d12	15.304	264	384888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1455889	105.699	ng	0.02
7) Phenol-d6	6.381	99	1832223	107.171	ng	0.00
23) Nitrobenzene-d5	7.298	82	1130314	70.959	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	451688	103.126	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1909246	73.342	ng	0.00
79) Terphenyl-d14	12.839	244	2065982	82.338	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.510	88	302834	47.400	ng	97
3) Pyridine	3.199	79	743480	43.815	ng	97
4) n-Nitrosodimethylamine	3.163	42	400120	45.524	ng	92
6) Aniline	6.404	93	276056	12.537	ng	# 87
8) 2-Chlorophenol	6.522	128	718149	51.351	ng	93
9) Benzaldehyde	6.275	77	416722	65.125	ng	99
10) Phenol	6.392	94	878878	46.599	ng	99
11) bis(2-Chloroethyl)ether	6.469	93	961395	67.929	ng	96
12) 1,3-Dichlorobenzene	6.675	146	733706	49.346	ng	96
13) 1,4-Dichlorobenzene	6.751	146	746571	50.100	ng	97
14) 1,2-Dichlorobenzene	6.904	146	720459	52.442	ng	99
15) Benzyl Alcohol	6.881	79	592685	50.187	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.016	45	1084594	44.122	ng	94
17) 2-Methylphenol	6.998	107	581368	45.399	ng	98
18) Hexachloroethane	7.245	117	263211	50.805	ng	99
19) n-Nitroso-di-n-propyla...	7.157	70	465424	43.729	ng	94
20) 3+4-Methylphenols	7.151	107	719104	47.683	ng	# 85
22) Acetophenone	7.145	105	950590	47.727	ng	# 95
24) Nitrobenzene	7.316	77	740026	45.846	ng	96
25) Isophorone	7.557	82	1358574	44.920	ng	99
26) 2-Nitrophenol	7.634	139	410373	52.710	ng	95
27) 2,4-Dimethylphenol	7.681	122	646333	48.415	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	817054	45.666	ng	99
29) 2,4-Dichlorophenol	7.881	162	586279	48.241	ng	99
30) 1,2,4-Trichlorobenzene	7.957	180	610313	48.474	ng	99
31) Naphthalene	8.039	128	1981757	46.101	ng	99
32) Benzoic acid	7.822	122	504018	61.122	ng	96
33) 4-Chloroaniline	8.116	127	195358m	11.248	ng	
34) Hexachlorobutadiene	8.157	225	329058	47.155	ng	99
35) Caprolactam	8.469	113	212346m	52.012	ng	
36) 4-Chloro-3-methylphenol	8.581	107	630569	48.115	ng	97
37) 2-Methylnaphthalene	8.728	142	1310298	44.584	ng	99
38) 1-Methylnaphthalene	8.828	142	1229721	44.728	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	530977	45.344	ng	98
41) Hexachlorocyclopentadiene	8.886	237	639943	93.706	ng	99
43) 2,4,6-Trichlorophenol	9.010	196	395219	48.803	ng	100

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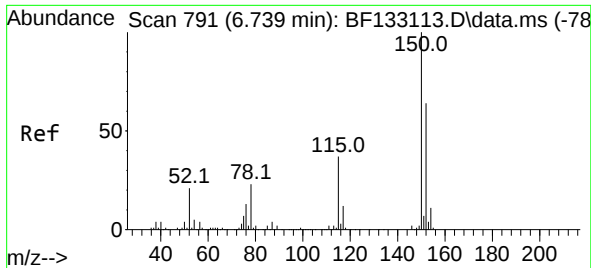
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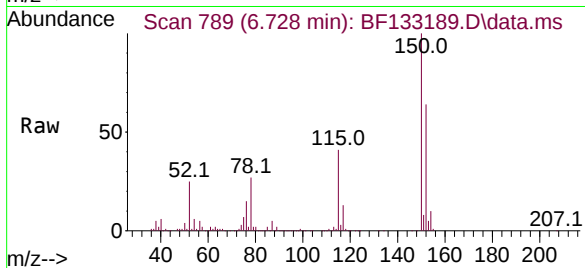
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	417541	44.582	ng	96
46) 1,1'-Biphenyl	9.198	154	1593073	46.130	ng	98
47) 2-Chloronaphthalene	9.216	162	1207328	47.764	ng	98
48) 2-Nitroaniline	9.316	65	386851	46.307	ng	97
49) Acenaphthylene	9.633	152	1850041	45.806	ng	100
50) Dimethylphthalate	9.498	163	1414793	46.588	ng	100
51) 2,6-Dinitrotoluene	9.557	165	335170	49.037	ng	95
52) Acenaphthene	9.804	154	1369661m	50.633	ng	
53) 3-Nitroaniline	9.728	138	257005	31.624	ng	94
54) 2,4-Dinitrophenol	9.833	184	393371	114.498	ng	97
55) Dibenzofuran	9.980	168	1659928	44.985	ng	100
56) 4-Nitrophenol	9.904	139	606425	96.342	ng	94
57) 2,4-Dinitrotoluene	9.963	165	425538	48.819	ng	93
58) Fluorene	10.322	166	1206501	44.629	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.098	232	345222	47.545	ng	97
60) Diethylphthalate	10.198	149	1316777	45.906	ng	100
61) 4-Chlorophenyl-phenyle...	10.310	204	583330	44.278	ng	96
62) 4-Nitroaniline	10.345	138	325869	43.627	ng	96
63) Azobenzene	10.475	77	1388333	45.689	ng	95
65) 4,6-Dinitro-2-methylph...	10.369	198	265381	57.713	ng	81
66) n-Nitrosodiphenylamine	10.433	169	1125058	45.718	ng	99
67) 4-Bromophenyl-phenylether	10.798	248	378411	45.991	ng	94
68) Hexachlorobenzene	10.869	284	411430	48.799	ng	100
69) Atrazine	10.963	200	369043	52.046	ng	99
70) Pentachlorophenol	11.063	266	479026	79.777	ng	97
71) Phenanthrene	11.280	178	1837845	45.073	ng	99
72) Anthracene	11.327	178	1887111	45.224	ng	99
73) Carbazole	11.486	167	1706188	45.919	ng	99
74) Di-n-butylphthalate	11.822	149	2028972	48.253	ng	99
75) Fluoranthene	12.463	202	1830166	44.723	ng	99
77) Benzidine	12.586	184	512400	70.020	ng	# 93
78) Pyrene	12.692	202	1862011	50.194	ng	99
80) Butylbenzylphthalate	13.316	149	814764	62.031	ng	99
81) Benzo(a)anthracene	13.880	228	1341842	45.091	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	382937	46.581	ng	99
83) Chrysene	13.916	228	1352875	45.473	ng	100
84) Bis(2-ethylhexyl)phtha...	13.874	149	916746	55.606	ng	99
85) Di-n-octyl phthalate	14.486	149	1596767	59.398	ng	98
87) Indeno(1,2,3-cd)pyrene	16.692	276	1339941	61.203	ng	99
88) Benzo(b)fluoranthene	14.904	252	1171632	47.849	ng	98
89) Benzo(k)fluoranthene	14.933	252	1131896	46.632	ng	99
90) Benzo(a)pyrene	15.251	252	1007974	45.226	ng	99
91) Dibenzo(a,h)anthracene	16.709	278	1117193	61.182	ng	98
92) Benzo(g,h,i)perylene	17.109	276	1124608	62.384	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

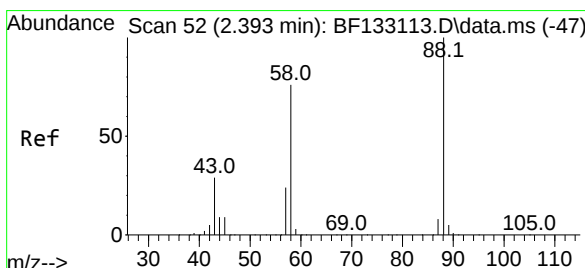
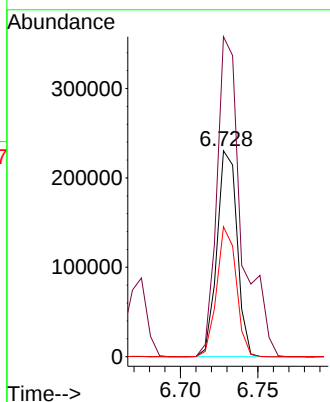
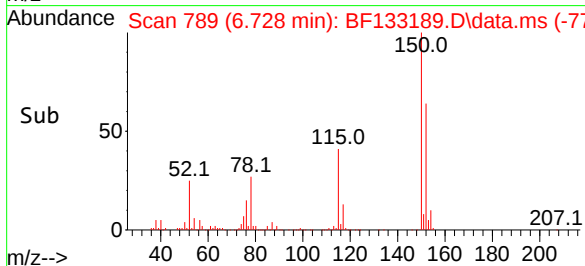
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



Tgt Ion:152 Resp: 208070
Ion Ratio Lower Upper
152 100
150 155.4 124.8 187.2
115 63.1 49.9 74.9

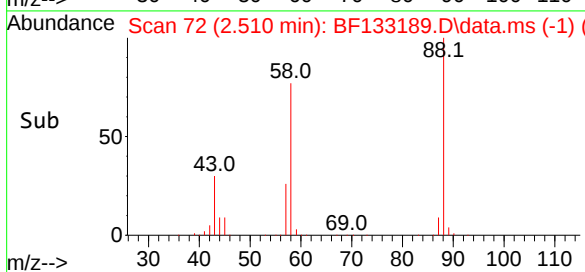
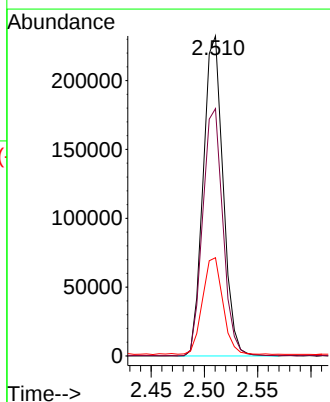
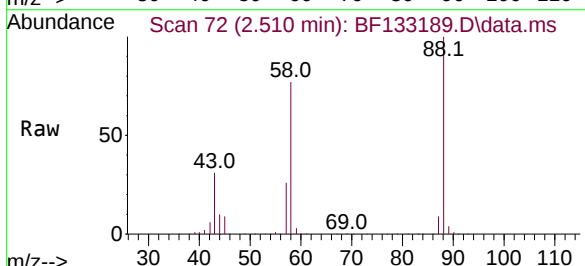
Manual Integrations
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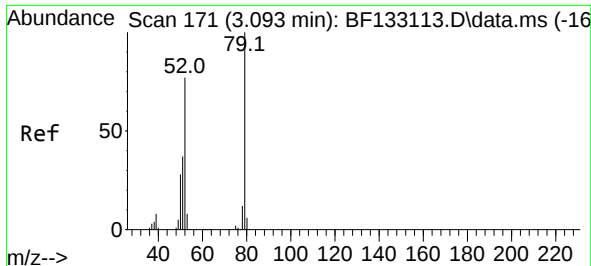
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#2
1,4-Dioxane
Concen: 47.400 ng
RT: 2.510 min Scan# 72
Delta R.T. 0.130 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

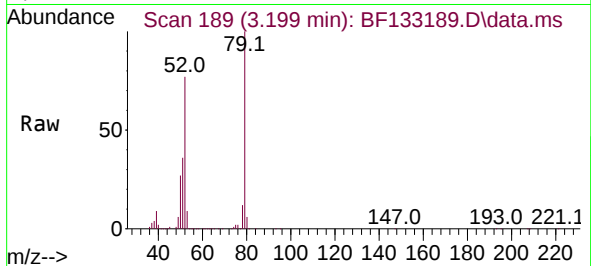
Tgt Ion: 88 Resp: 302834
Ion Ratio Lower Upper
88 100
58 78.3 64.7 97.1
43 31.2 26.2 39.2





#3
Pyridine
Concen: 43.815 ng
RT: 3.199 min Scan# 189
Delta R.T. 0.118 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

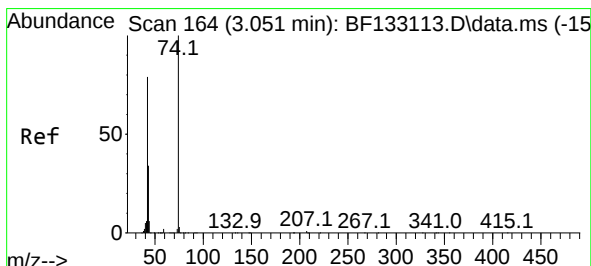
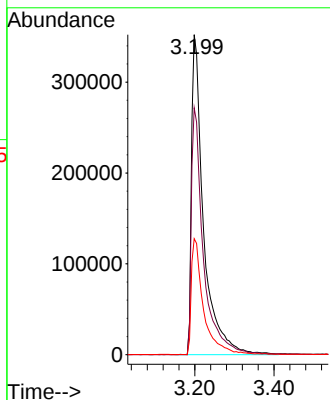
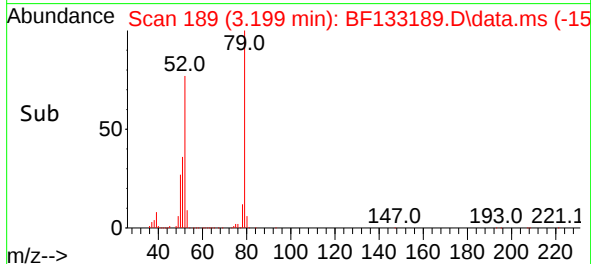
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



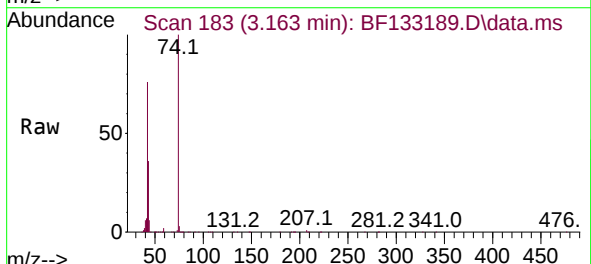
Tgt Ion: 79 Resp: 743480
Ion Ratio Lower Upper
79 100
52 77.2 64.6 96.8
51 36.3 30.0 45.0

Manual Integrations
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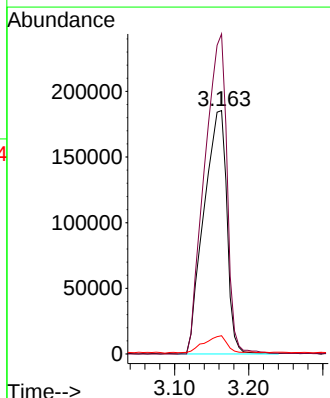
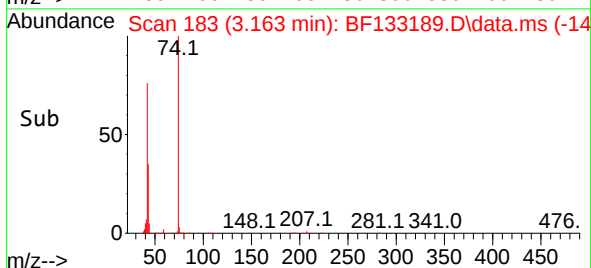
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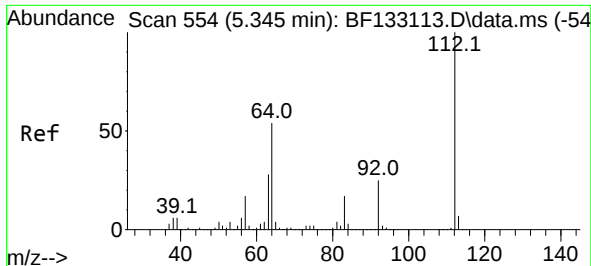


#4
n-Nitrosodimethylamine
Concen: 45.524 ng
RT: 3.163 min Scan# 183
Delta R.T. 0.124 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17



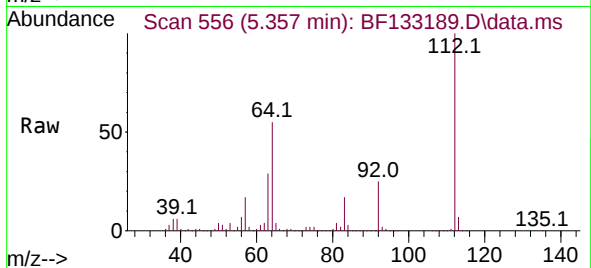
Tgt Ion: 42 Resp: 400120
Ion Ratio Lower Upper
42 100
74 131.5 98.0 147.0
44 7.5 5.8 8.8





#5
2-Fluorophenol
Concen: 105.699 ng
RT: 5.357 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

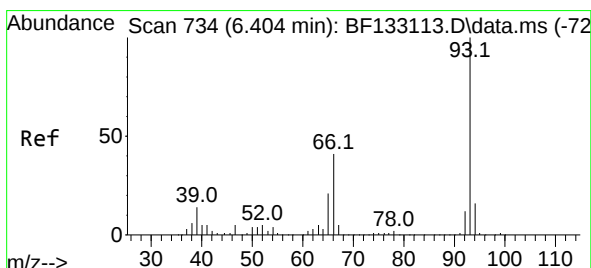
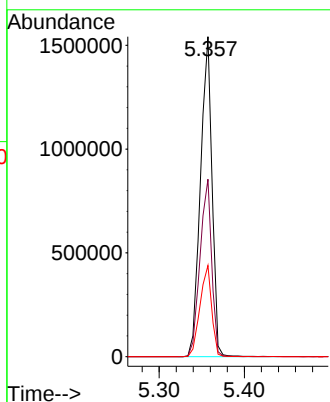
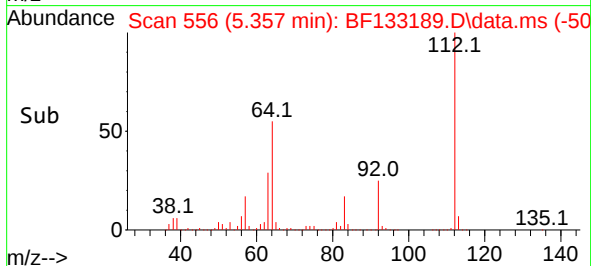
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ClientSampleId :
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Tgt Ion:112 Resp: 1455889
Ion Ratio Lower Upper
112 100
64 55.4 46.8 70.2
63 28.5 23.8 35.8

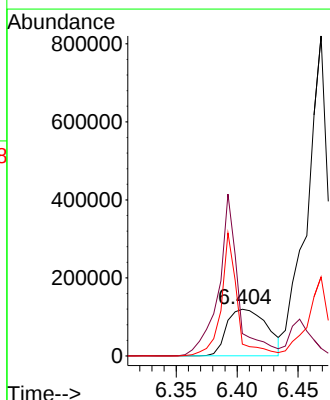
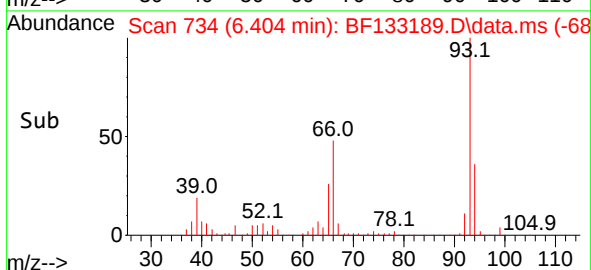
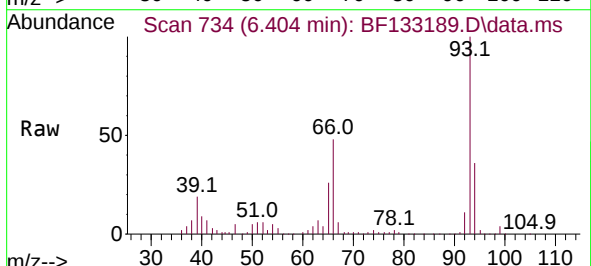
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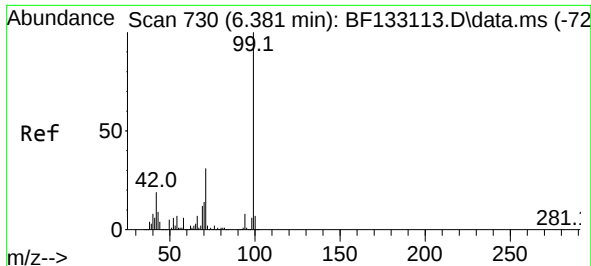
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#6
Aniline
Concen: 12.537 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

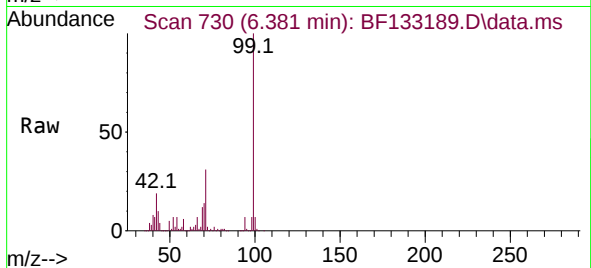
Tgt Ion: 93 Resp: 276056
Ion Ratio Lower Upper
93 100
66 47.9 31.5 47.3#
65 25.5 16.4 24.6#





#7
Phenol-d6
Concen: 107.171 ng
RT: 6.381 min Scan# 713
Delta R.T. 0.006 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

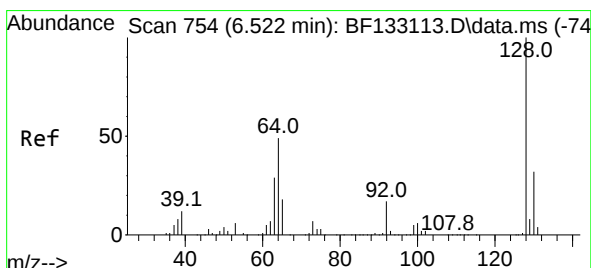
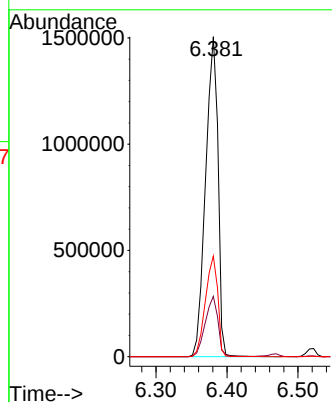
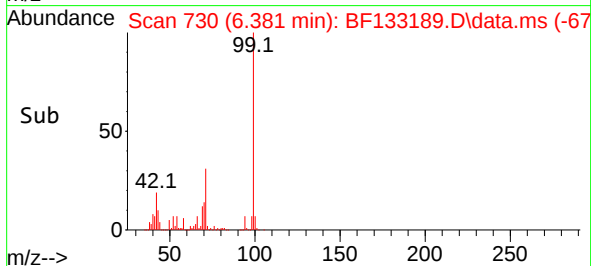
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 183222
Ion Ratio Lower Upper
99 100
42 18.9 16.3 24.5
71 31.5 25.6 38.4

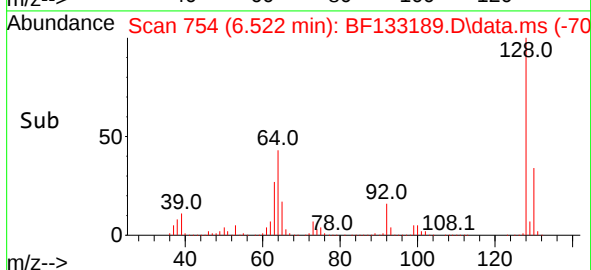
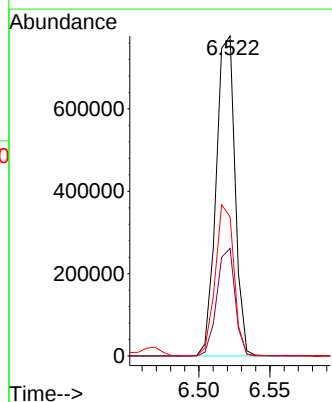
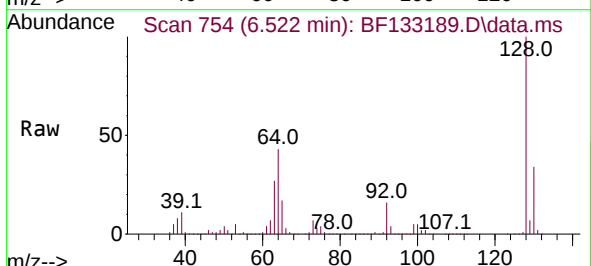
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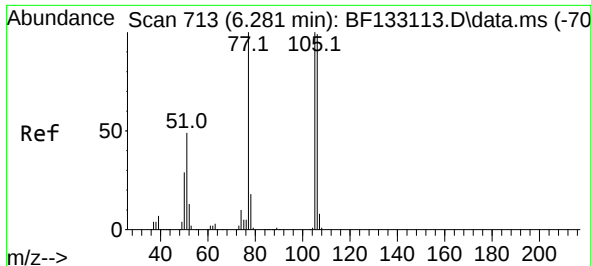
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#8
2-Chlorophenol
Concen: 51.351 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

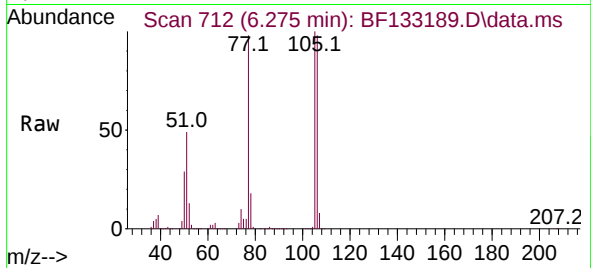
Tgt Ion:128 Resp: 718149
Ion Ratio Lower Upper
128 100
130 33.6 12.2 52.2
64 43.4 30.3 70.3





#9
Benzaldehyde
Concen: 65.125 ng
RT: 6.275 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

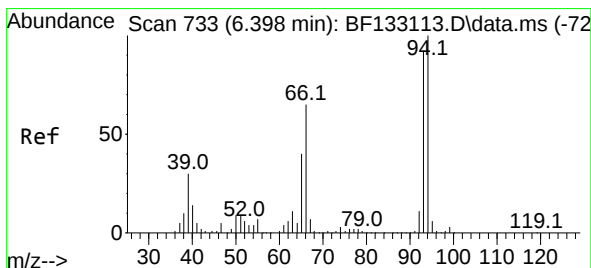
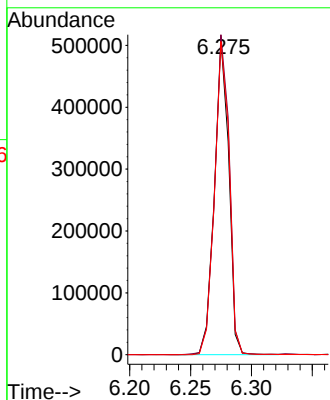
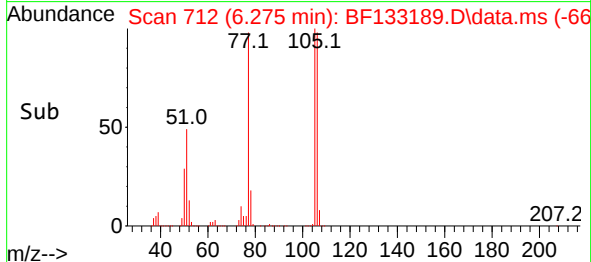
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Tgt Ion: 77 Resp: 41672
Ion Ratio Lower Upper
77 100
105 101.5 82.3 122.3
106 99.4 80.8 120.8

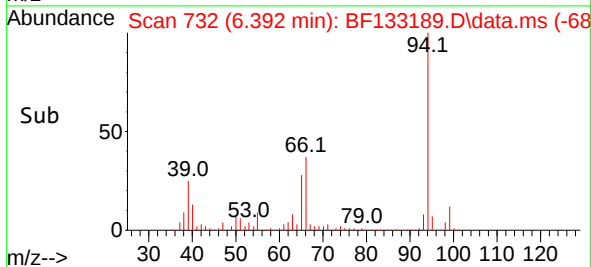
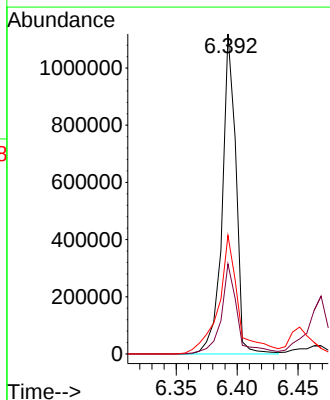
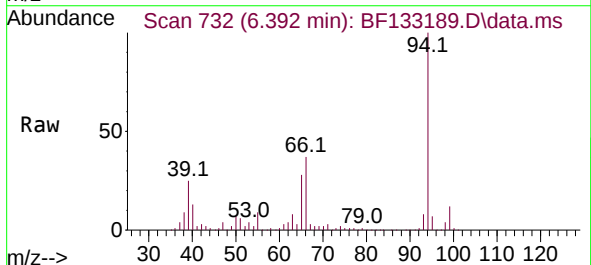
Manual Integrations
APPROVED

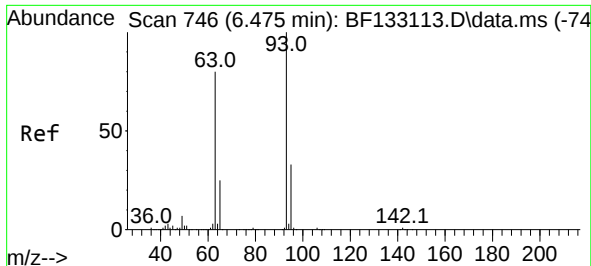
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#10
Phenol
Concen: 46.599 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.006 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

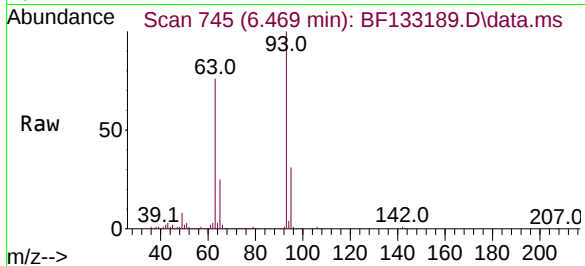
Tgt Ion: 94 Resp: 878878
Ion Ratio Lower Upper
94 100
65 28.2 8.6 48.6
66 37.1 17.3 57.3





#11
bis(2-Chloroethyl)ether
Concen: 67.929 ng
RT: 6.469 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

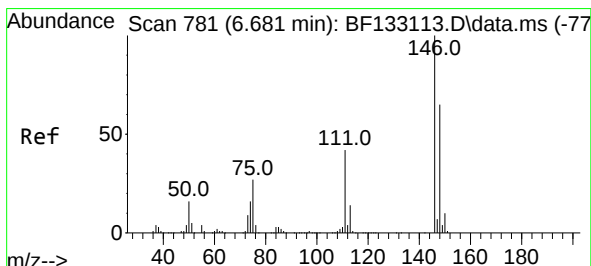
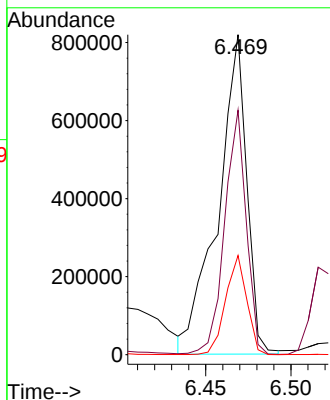
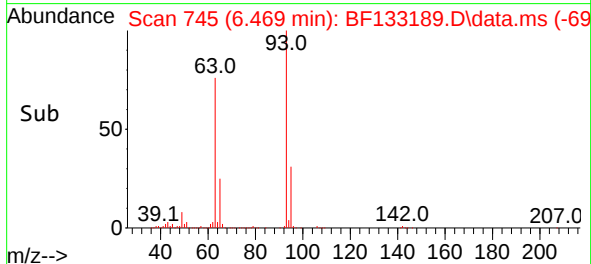
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



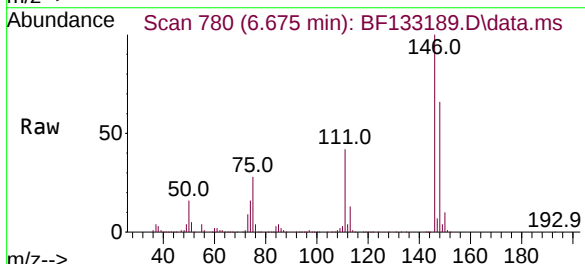
Tgt Ion: 93 Resp: 961395
Ion Ratio Lower Upper
93 100
63 76.4 60.6 100.6
95 31.0 12.9 52.9

Manual Integrations
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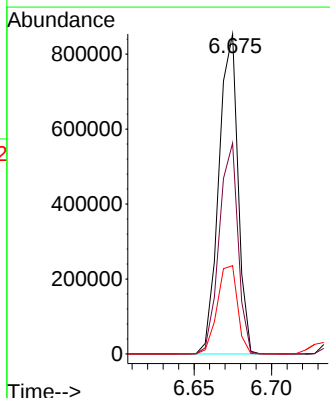
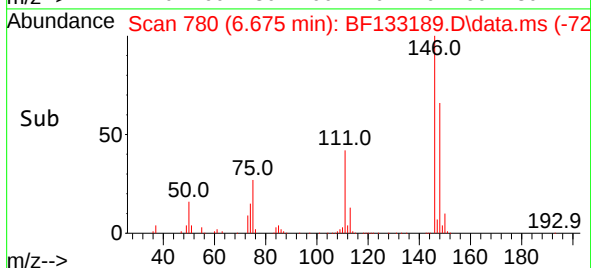
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

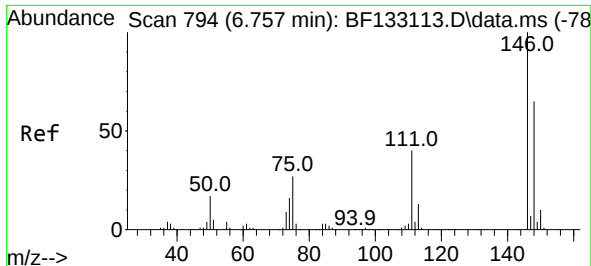


#12
1,3-Dichlorobenzene
Concen: 49.346 ng
RT: 6.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17



Tgt Ion:146 Resp: 733706
Ion Ratio Lower Upper
146 100
148 65.9 51.0 76.4
75 27.6 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 50.100 ng

RT: 6.751 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF133189.D

Acq: 02 May 2023 15:17

Instrument :

BNA_F

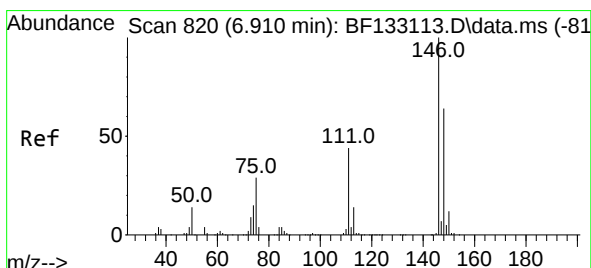
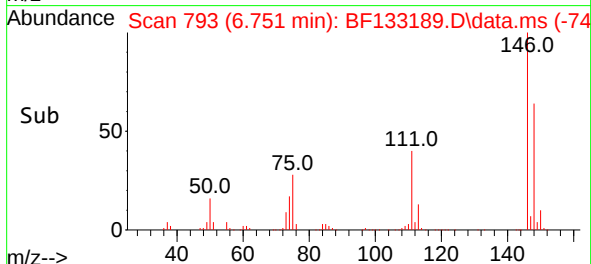
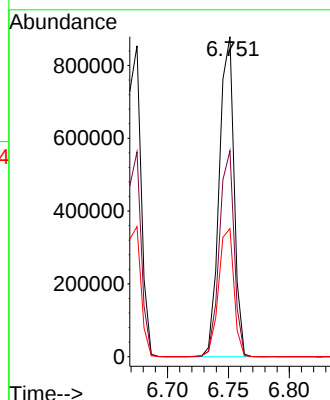
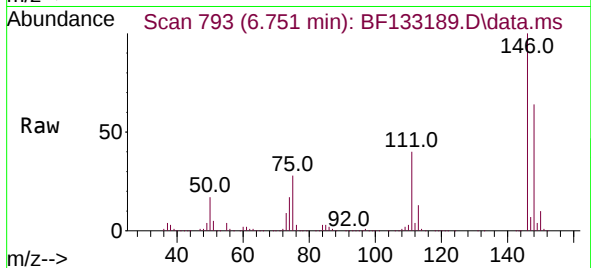
ClientSampleId :

SB-16-14-16-20230413MSD

Tgt Ion:146 Resp: 746572
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.3 75.5
 111 40.0 33.8 50.6

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023



#14

1,2-Dichlorobenzene

Concen: 52.442 ng

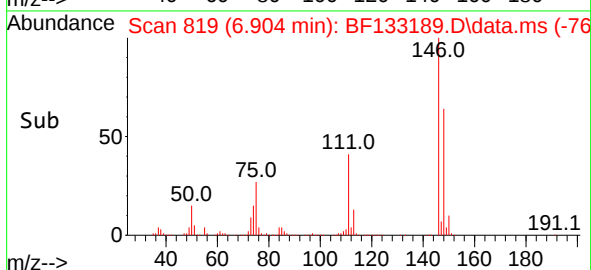
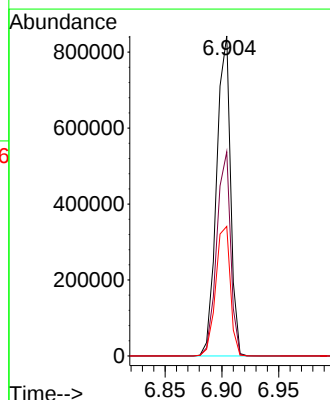
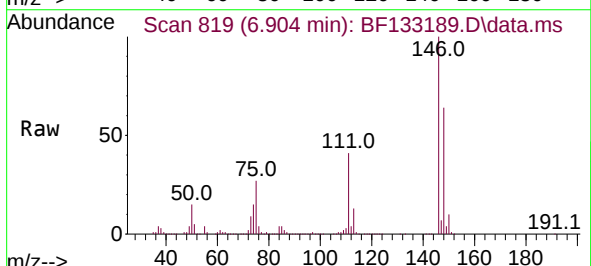
RT: 6.904 min Scan# 819

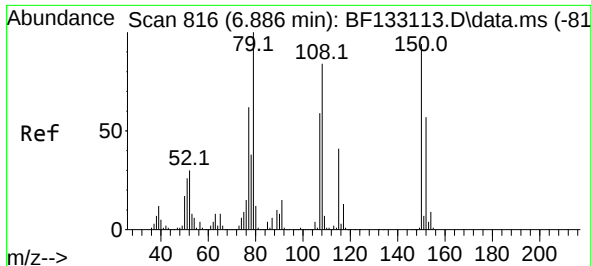
Delta R.T. 0.000 min

Lab File: BF133189.D

Acq: 02 May 2023 15:17

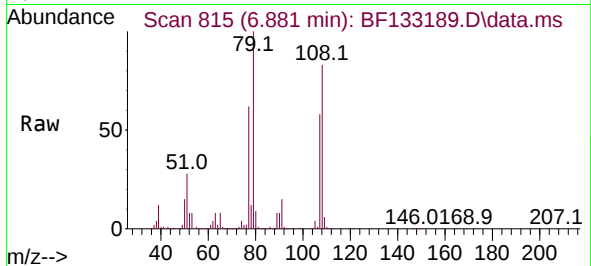
Tgt Ion:146 Resp: 720459
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.2
 111 40.5 32.8 49.2





#15
Benzyl Alcohol
Concen: 50.187 ng
RT: 6.881 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

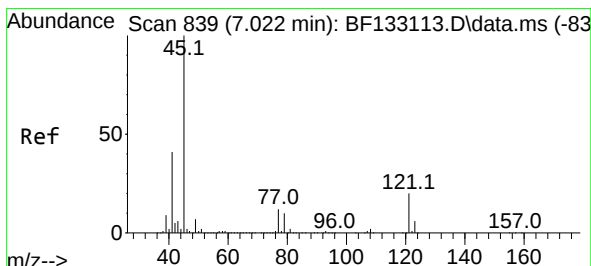
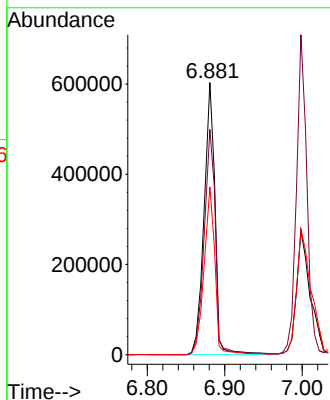
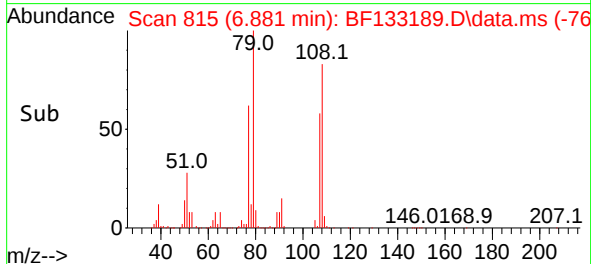
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



Tgt Ion: 79 Resp: 592685
Ion Ratio Lower Upper
79 100
108 82.8 66.6 99.8
77 61.6 49.2 73.8

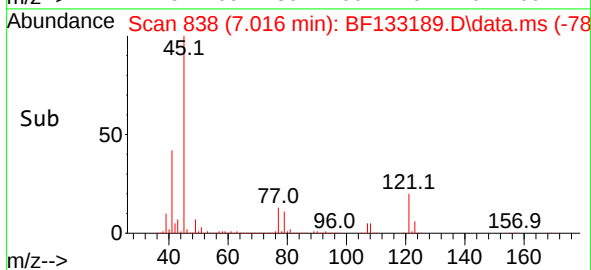
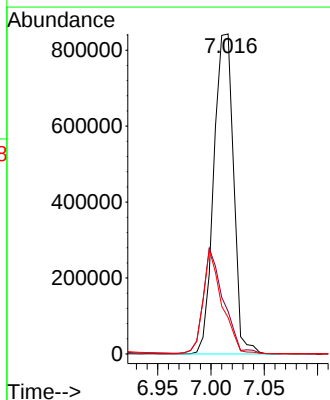
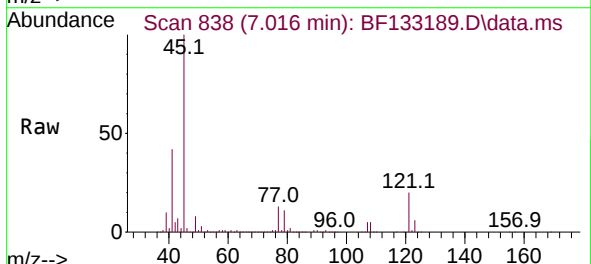
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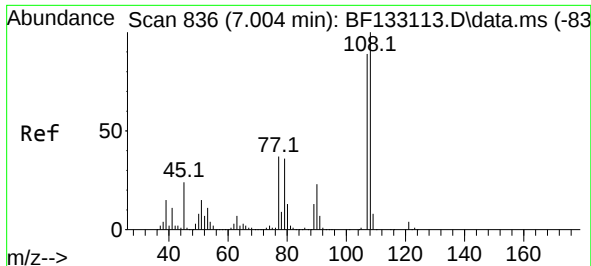
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.122 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

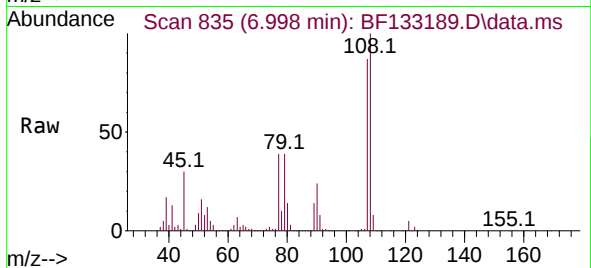
Tgt Ion: 45 Resp: 1084594
Ion Ratio Lower Upper
45 100
77 13.3 0.0 31.5
79 11.3 0.0 28.7





#17
2-Methylphenol
Concen: 45.399 ng
RT: 6.998 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

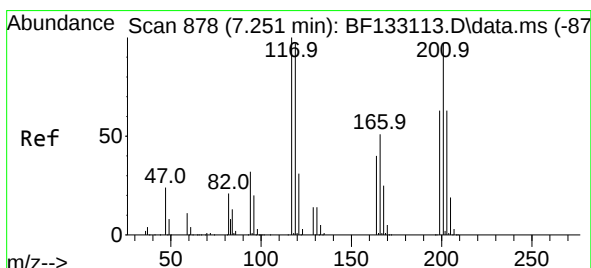
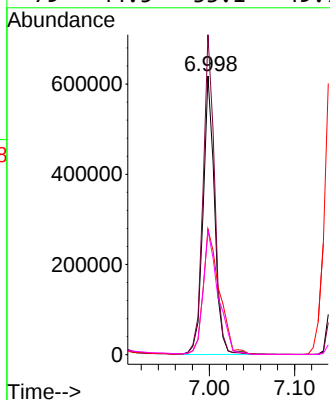
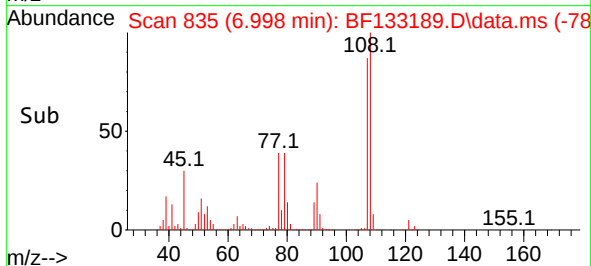
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



Tgt Ion:	107	Resp:	58136
Ion Ratio	Lower	Upper	
107	100		
108	114.8	92.4	138.6
77	45.1	33.8	50.8
79	44.5	33.1	49.7

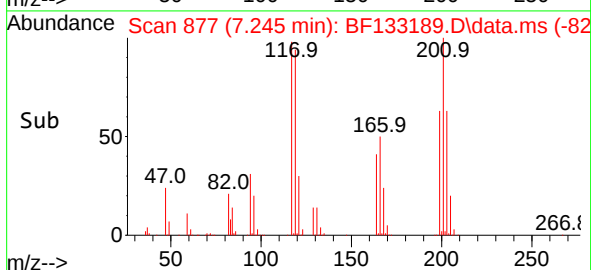
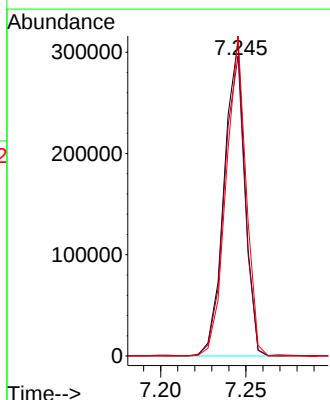
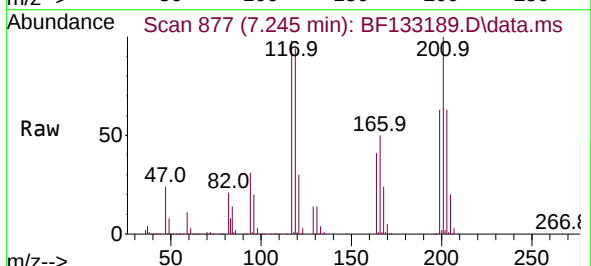
Manual Integrations
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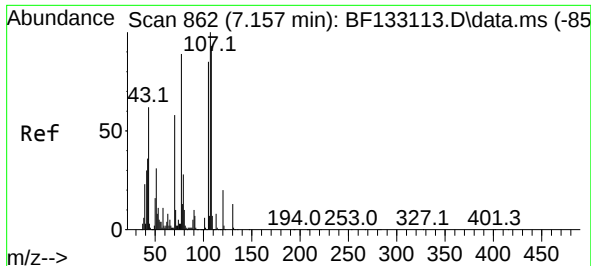
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#18
Hexachloroethane
Concen: 50.805 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

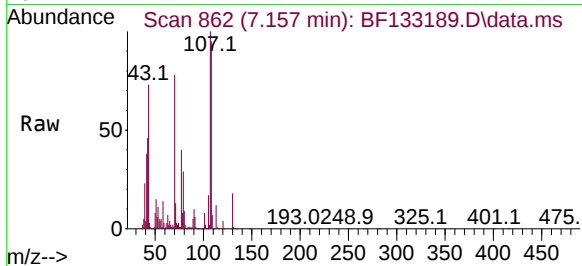
Tgt Ion:	117	Resp:	263211
Ion Ratio	Lower	Upper	
117	100		
119	95.3	78.2	117.4
201	101.7	81.7	122.5





#19
n-Nitroso-di-n-propylamine
Concen: 43.729 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

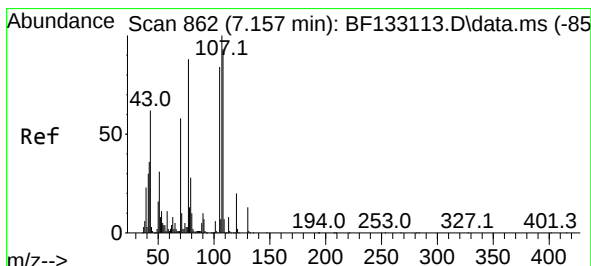
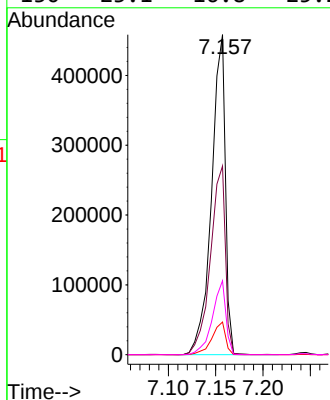
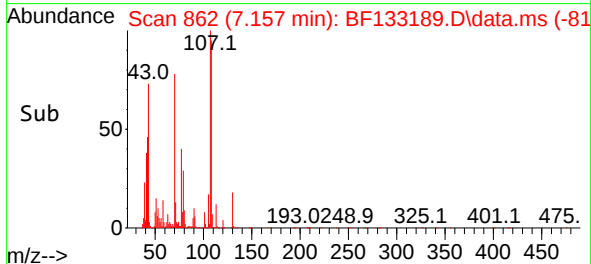
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



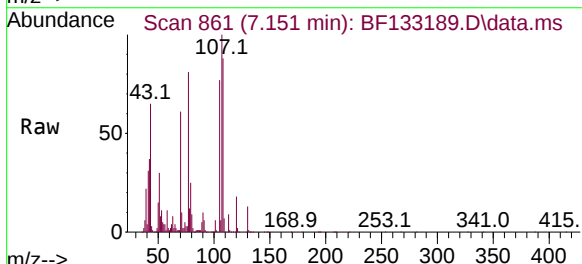
Tgt Ion: 70 Resp: 465424
Ion Ratio Lower Upper
70 100
42 59.0 51.8 77.6
101 10.2 8.0 12.0
130 23.1 16.8 25.2

Manual Integrations
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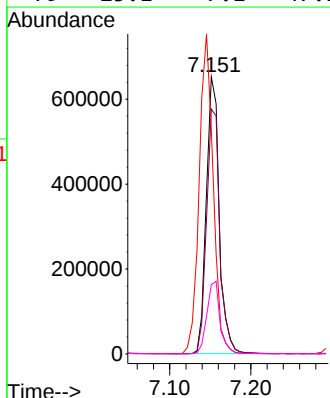
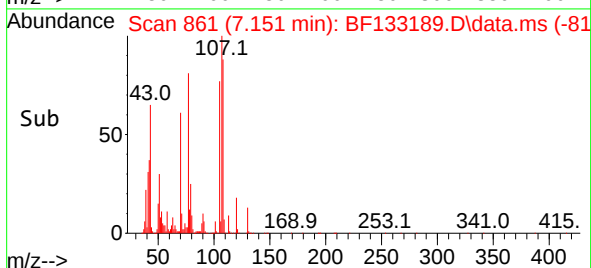
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

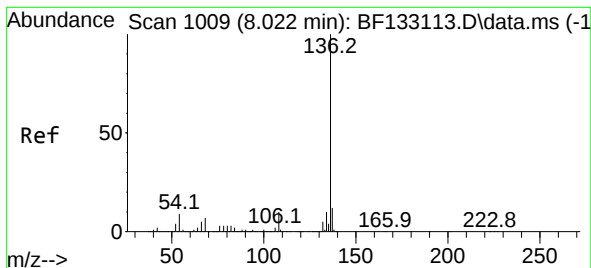


#20
3+4-Methylphenols
Concen: 47.683 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17



Tgt Ion:107 Resp: 719104
Ion Ratio Lower Upper
107 100
108 88.4 70.5 110.5
77 80.9 91.7 131.7#
79 25.1 7.1 47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF133189.D

Acq: 02 May 2023 15:17

Instrument :

BNA_F

ClientSampleId :

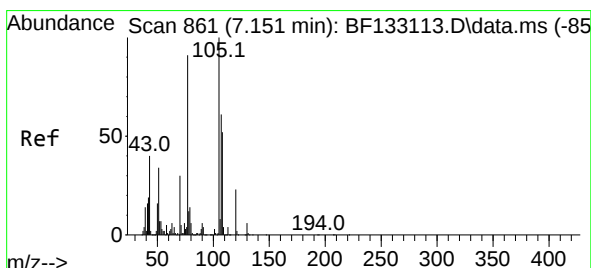
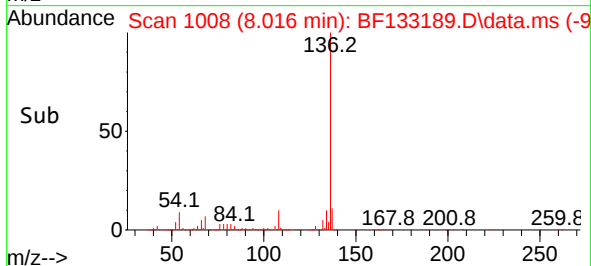
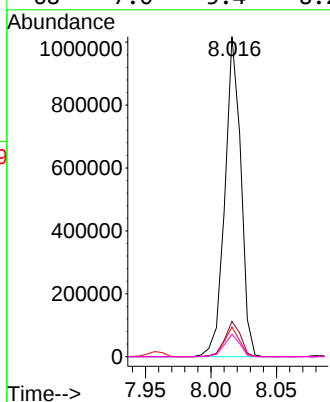
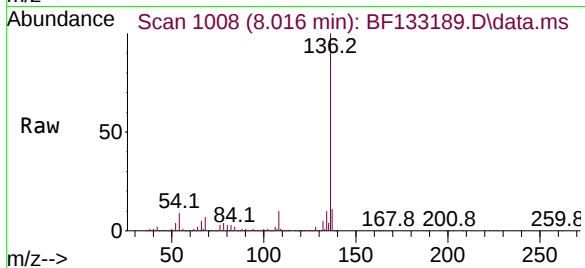
SB-16-14-16-20230413MSD

Tgt Ion:136	Resp: 85980
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 9.2	7.0 10.4
68 7.0	5.4 8.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#22

Acetophenone

Concen: 47.727 ng

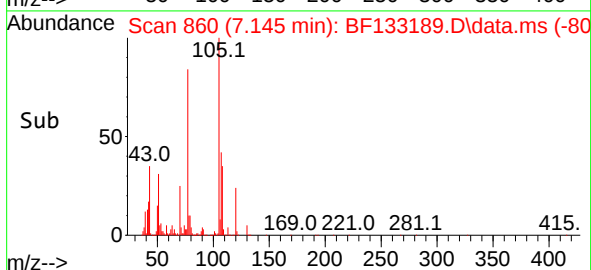
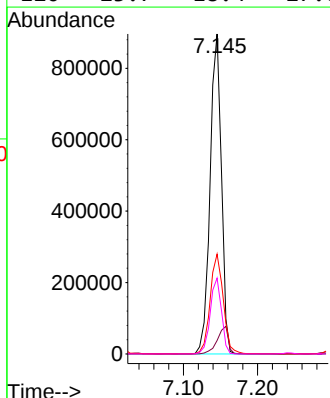
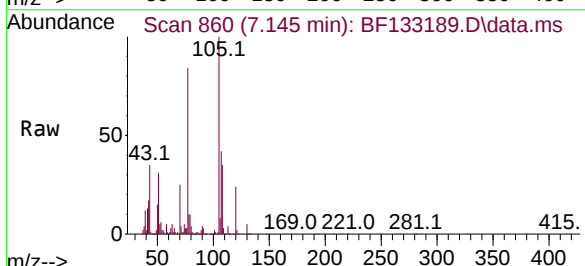
RT: 7.145 min Scan# 860

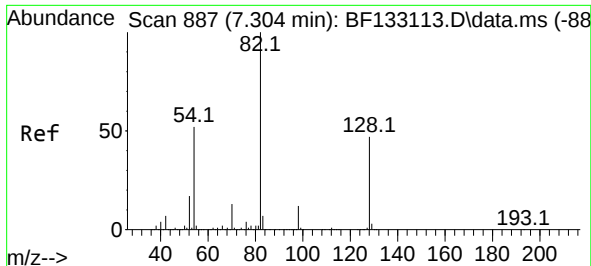
Delta R.T. 0.000 min

Lab File: BF133189.D

Acq: 02 May 2023 15:17

Tgt Ion:105	Resp: 950590
Ion Ratio	Lower Upper
105 100	
71 4.2	4.6 7.0#
51 31.2	28.2 42.2
120 23.7	18.4 27.6





#23

Nitrobenzene-d5

Concen: 70.959 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF133189.D

Acq: 02 May 2023 15:17

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MSD

Tgt Ion: 82 Resp: 1130314

Ion Ratio Lower Upper

82 100

128 47.3 37.7 56.5

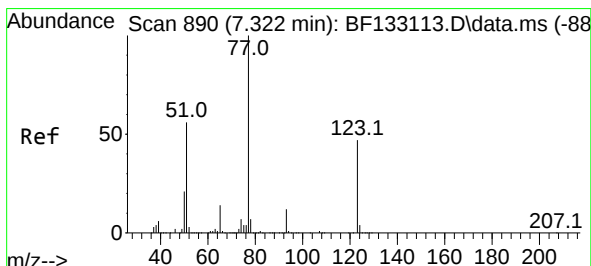
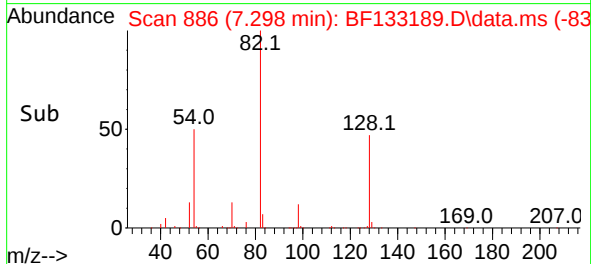
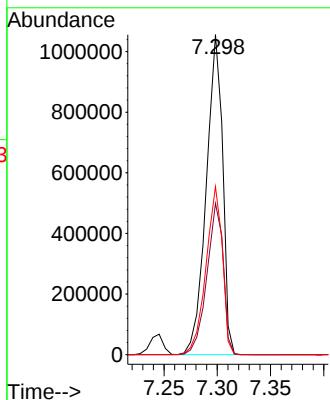
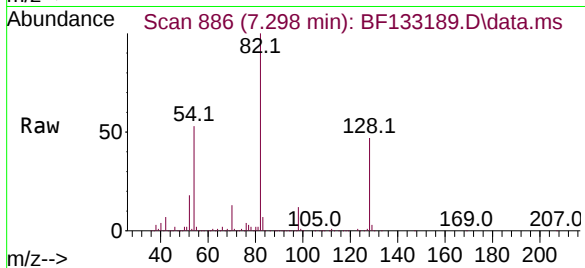
54 52.5 43.0 64.4

Manual Integrations

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Reviewed By :Christian Giraldo 05/03/2023

Supervised By :Jagrut Upadhyay 05/03/2023



#24

Nitrobenzene

Concen: 45.846 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF133189.D

Acq: 02 May 2023 15:17

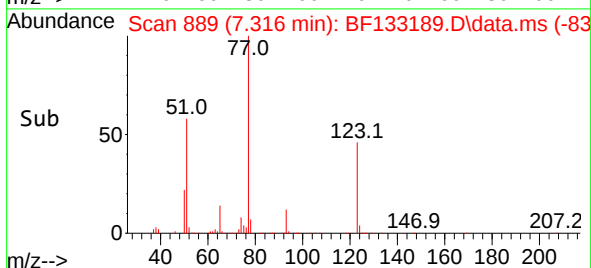
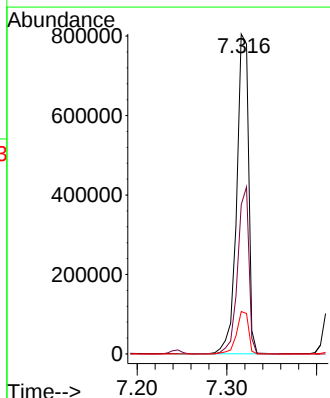
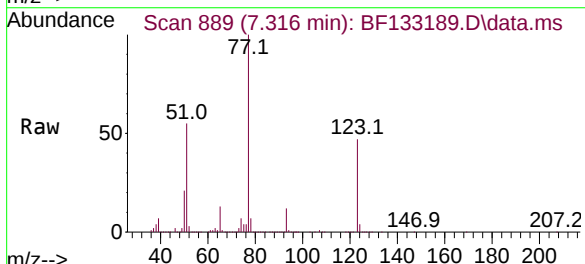
Tgt Ion: 77 Resp: 740026

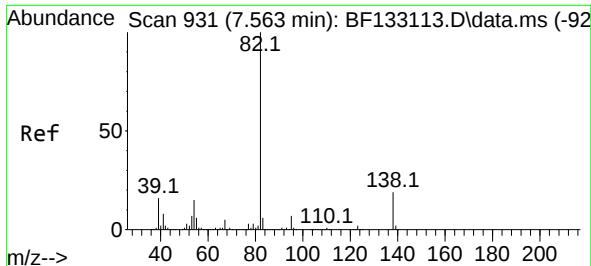
Ion Ratio Lower Upper

77 100

123 46.7 39.9 59.9

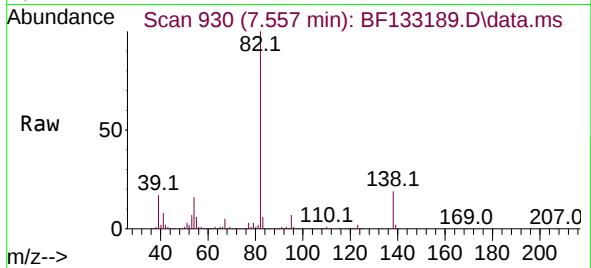
65 13.2 10.7 16.1





#25
Isophorone
Concen: 44.920 ng
RT: 7.557 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

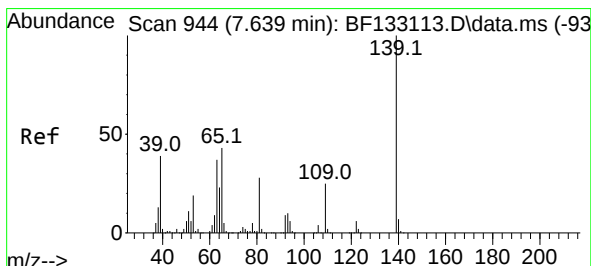
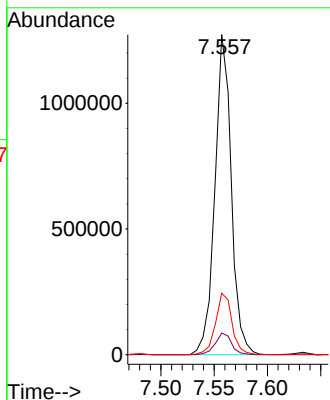
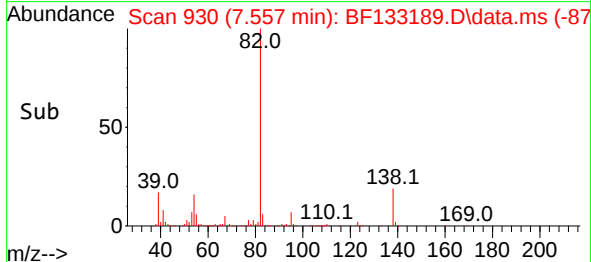
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



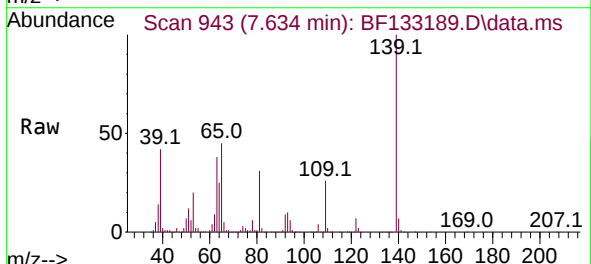
Tgt Ion: 82 Resp: 1358574
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 19.2 16.0 24.0

Manual Integrations
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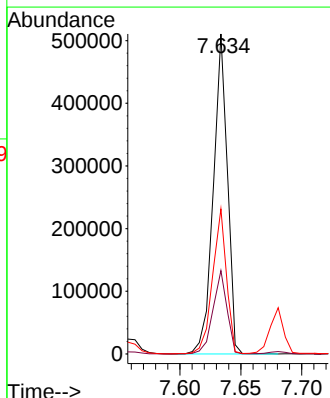
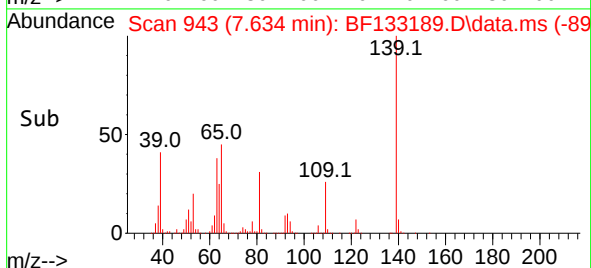
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

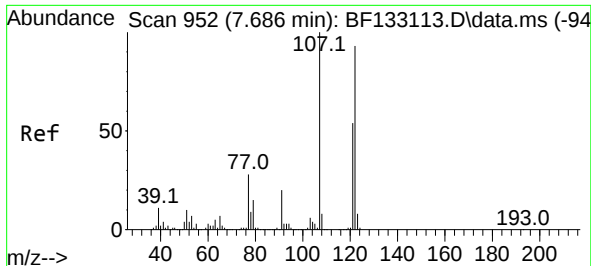


#26
2-Nitrophenol
Concen: 52.710 ng
RT: 7.634 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17



Tgt Ion:139 Resp: 410373
Ion Ratio Lower Upper
139 100
109 26.1 21.6 32.4
65 45.4 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 48.415 ng

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF133189.D

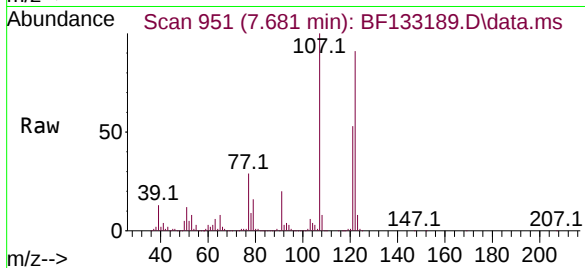
Acq: 02 May 2023 15:17

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MSD

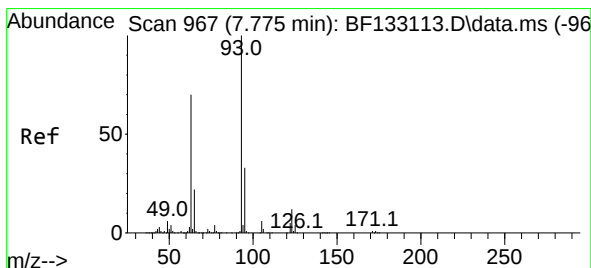
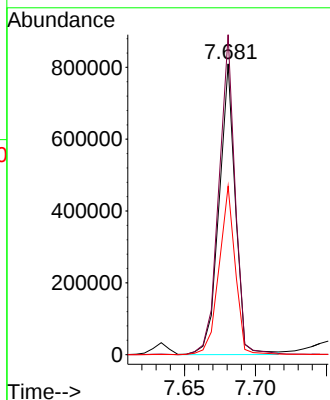
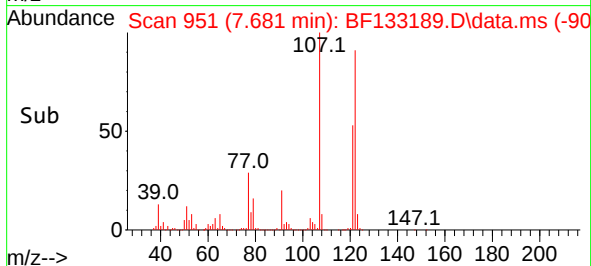


Tgt Ion:	122	Resp:	64633
Ion Ratio	Lower	Upper	
122	100		
107	110.0	89.7	134.5
121	57.9	46.0	69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.666 ng

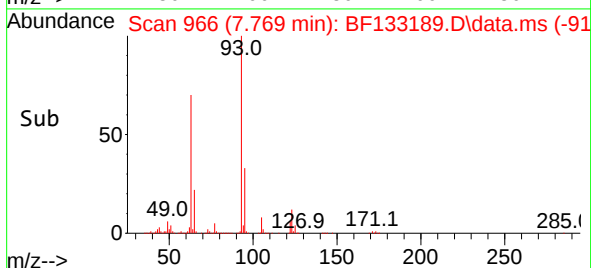
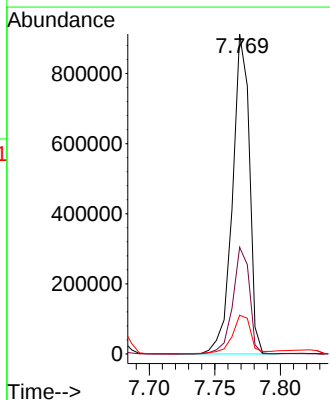
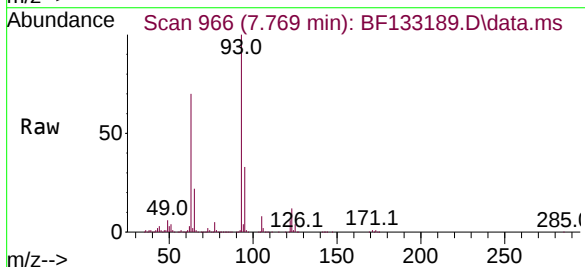
RT: 7.769 min Scan# 966

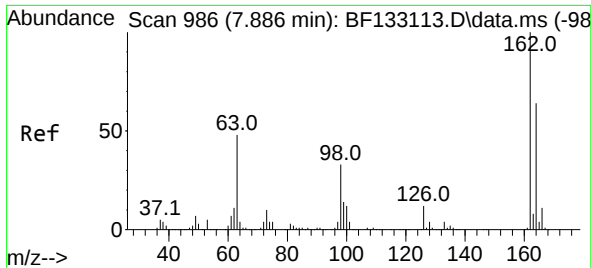
Delta R.T. 0.000 min

Lab File: BF133189.D

Acq: 02 May 2023 15:17

Tgt Ion:	93	Resp:	817054
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.4	39.6
123	12.1	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 48.241 ng

RT: 7.881 min Scan# 986

Delta R.T. 0.000 min

Lab File: BF133189.D

Acq: 02 May 2023 15:17

Instrument :

BNA_F

ClientSampleId :

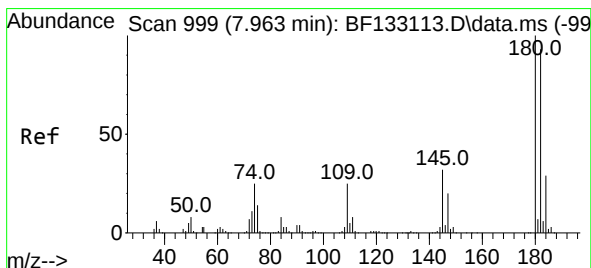
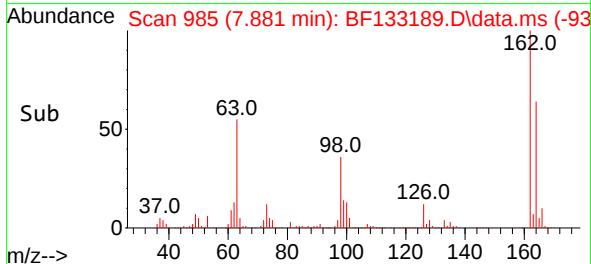
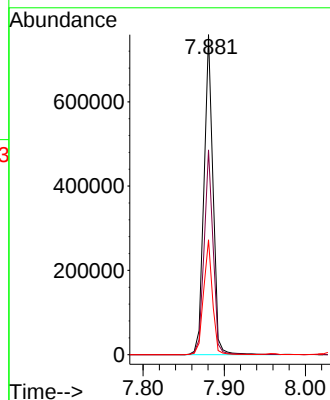
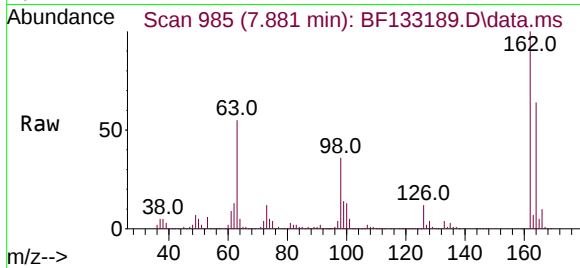
SB-16-14-16-20230413MSD

Tgt Ion:162 Resp: 586279
 Ion Ratio Lower Upper
 162 100
 164 64.0 43.9 83.9
 98 35.9 17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.474 ng

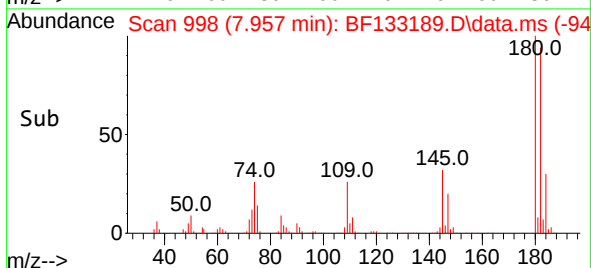
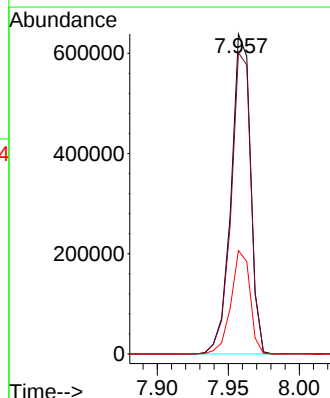
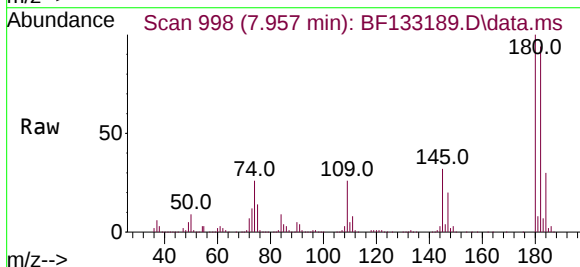
RT: 7.957 min Scan# 998

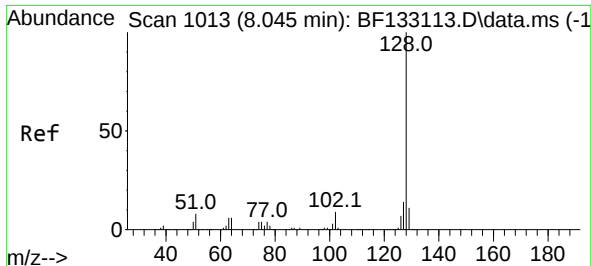
Delta R.T. -0.006 min

Lab File: BF133189.D

Acq: 02 May 2023 15:17

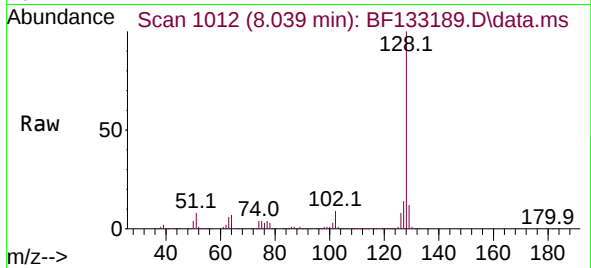
Tgt Ion:180 Resp: 610313
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.9 113.9
 145 32.3 25.3 37.9





#31
Naphthalene
Concen: 46.101 ng
RT: 8.039 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

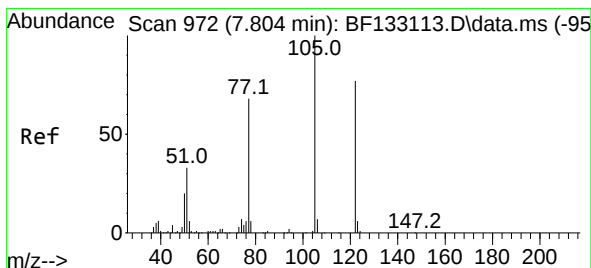
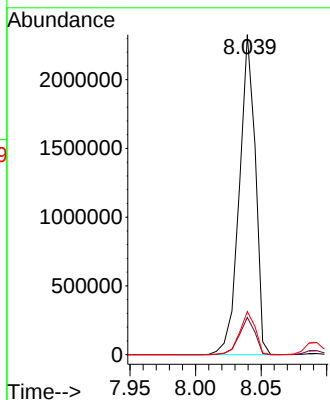
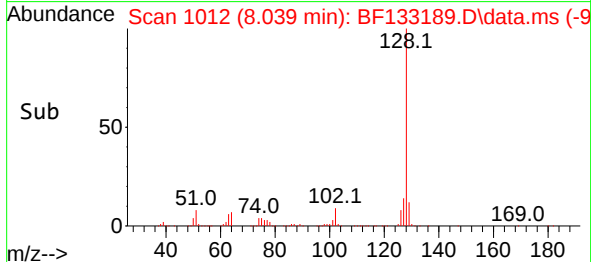
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



Tgt Ion:128 Resp: 198175
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.5 10.7 16.1

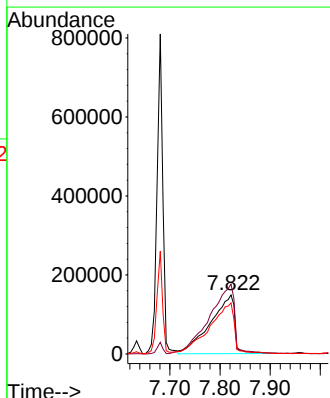
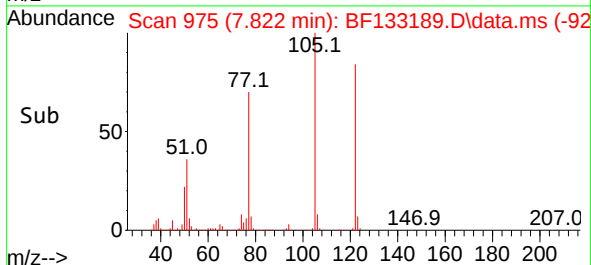
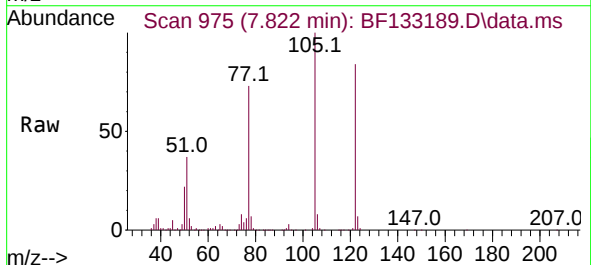
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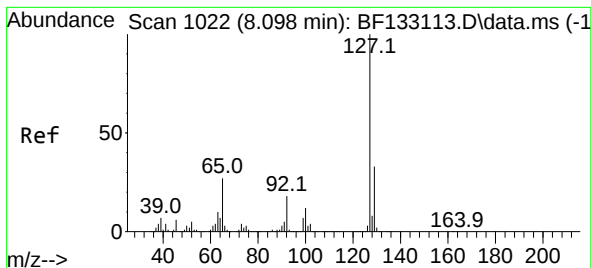
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#32
Benzoic acid
Concen: 61.122 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.024 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

Tgt Ion:122 Resp: 504018
Ion Ratio Lower Upper
122 100
105 118.6 104.2 144.2
77 86.5 69.7 109.7





#33

4-Chloroaniline

Concen: 11.248 ng m

RT: 8.116 min Scan# 1025

Delta R.T. 0.024 min

Lab File: BF133189.D

Acq: 02 May 2023 15:17

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MSD

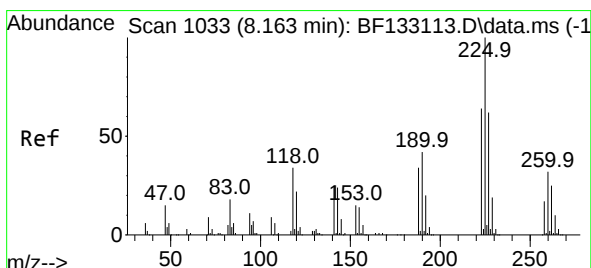
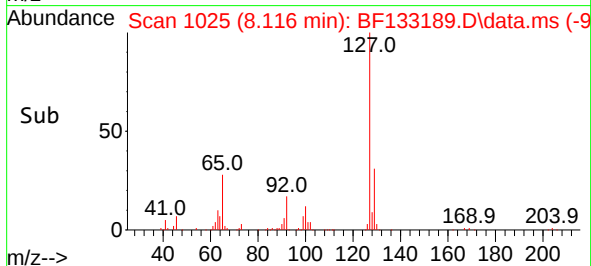
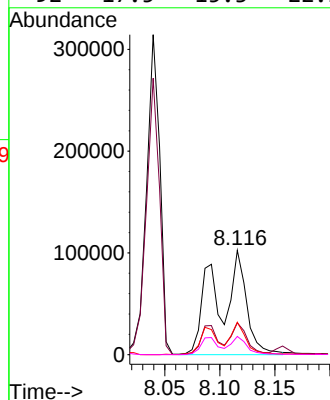
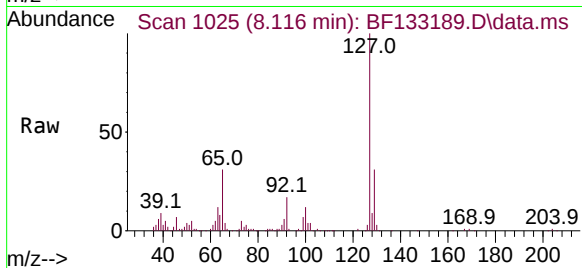
Tgt Ion:	127	Resp:	19535
Ion Ratio	Lower	Upper	
127	100		
129	30.5	25.8	38.8
65	31.1	23.6	35.4
92	17.5	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2023

Supervised By :Jagrut Upadhyay 05/03/2023



#34

Hexachlorobutadiene

Concen: 47.155 ng

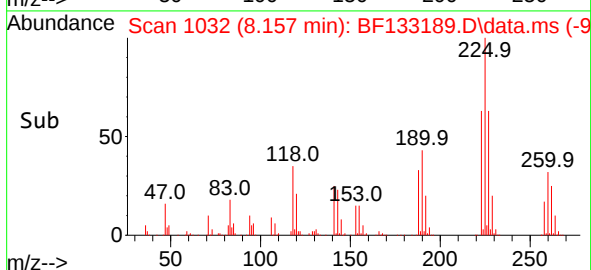
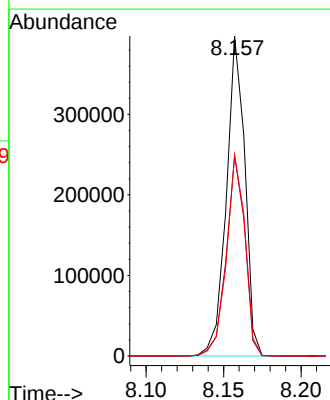
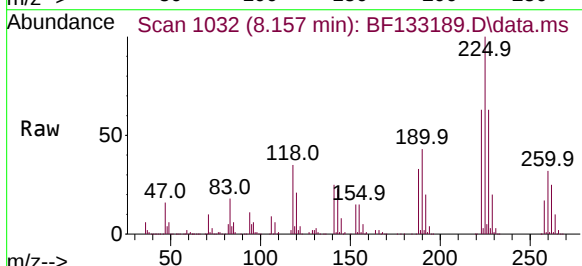
RT: 8.157 min Scan# 1032

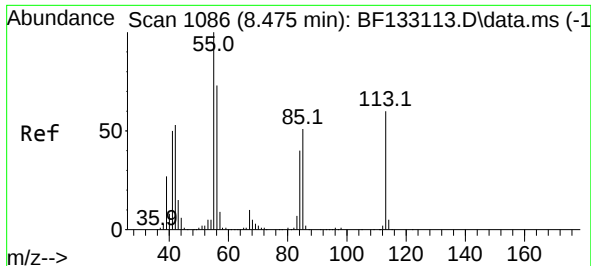
Delta R.T. -0.006 min

Lab File: BF133189.D

Acq: 02 May 2023 15:17

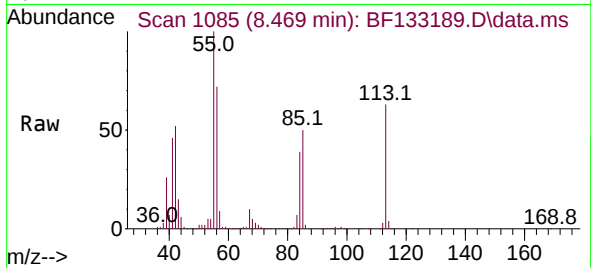
Tgt Ion:	225	Resp:	329058
Ion Ratio	Lower	Upper	
225	100		
223	62.5	50.9	76.3
227	62.8	50.3	75.5





#35
Caprolactam
Concen: 52.012 ng m
RT: 8.469 min Scan# 1086
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

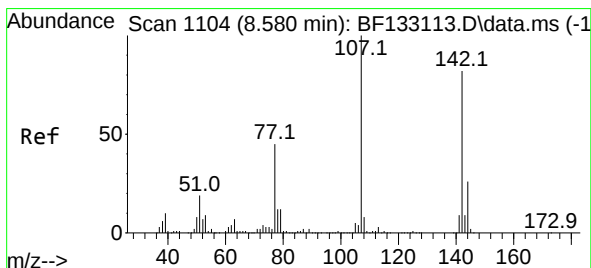
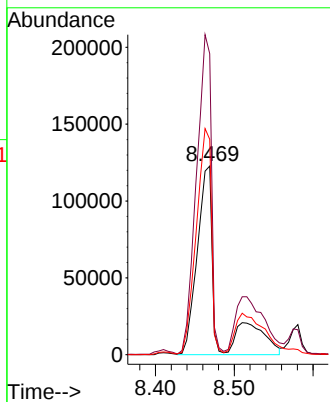
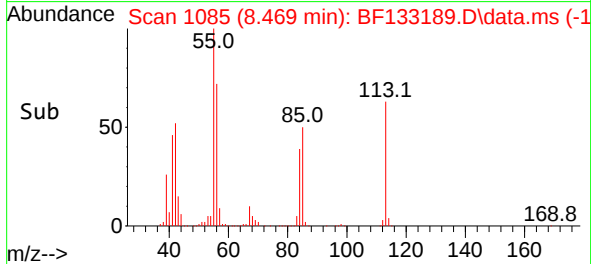
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



Tgt Ion:113 Resp: 212340
Ion Ratio Lower Upper
113 100
55 159.6 167.1 207.1
56 114.2 114.5 154.5

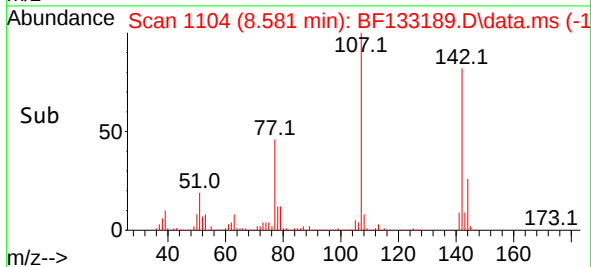
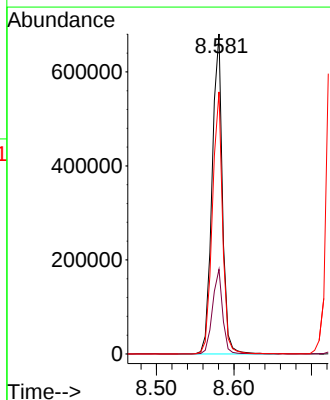
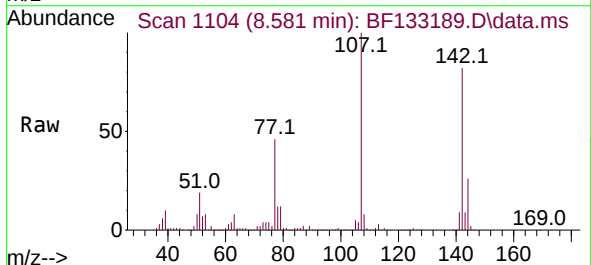
Manual Integrations
APPROVED

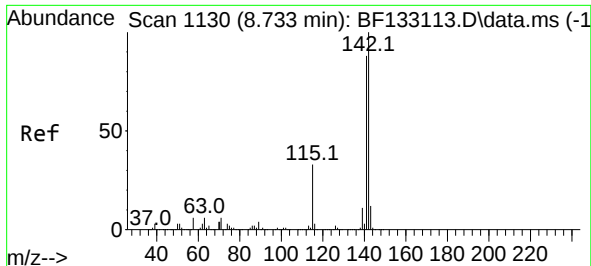
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#36
4-Chloro-3-methylphenol
Concen: 48.115 ng
RT: 8.581 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

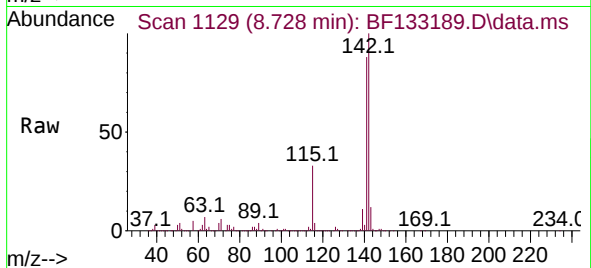
Tgt Ion:107 Resp: 630569
Ion Ratio Lower Upper
107 100
144 26.4 20.6 30.8
142 81.9 62.8 94.2





#37
2-Methylnaphthalene
Concen: 44.584 ng
RT: 8.728 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

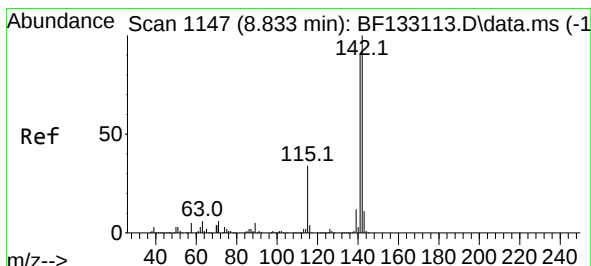
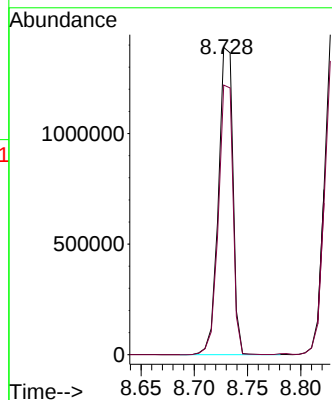
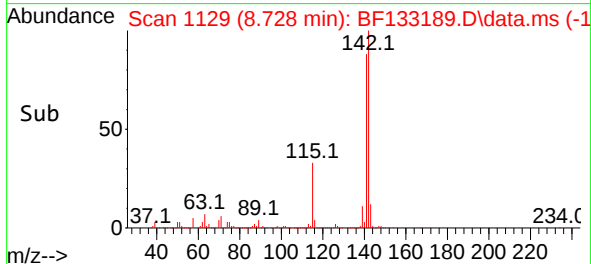
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



Tgt Ion:142 Resp: 1310298
Ion Ratio Lower Upper
142 100
141 87.7 69.4 104.0

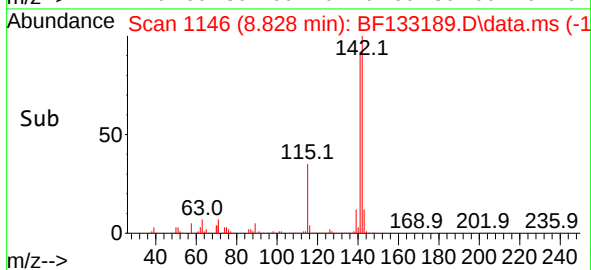
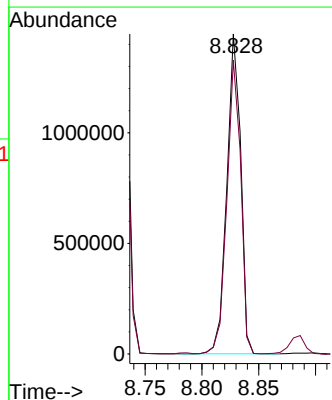
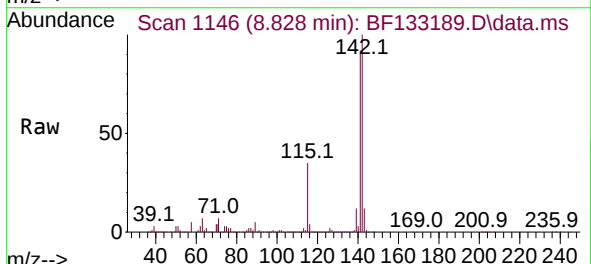
Manual Integrations
APPROVED

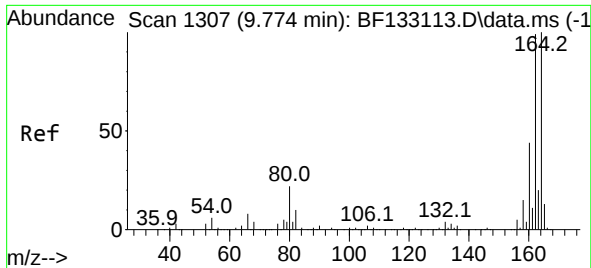
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#38
1-Methylnaphthalene
Concen: 44.728 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

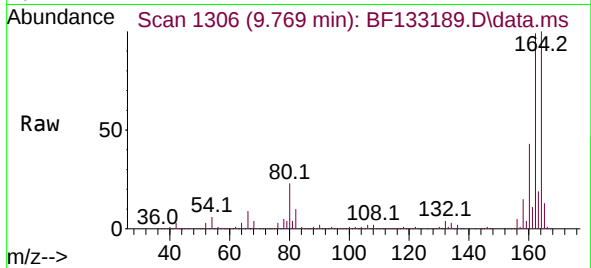
Tgt Ion:142 Resp: 1229721
Ion Ratio Lower Upper
142 100
141 91.8 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

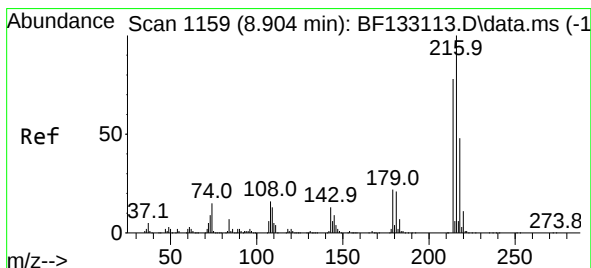
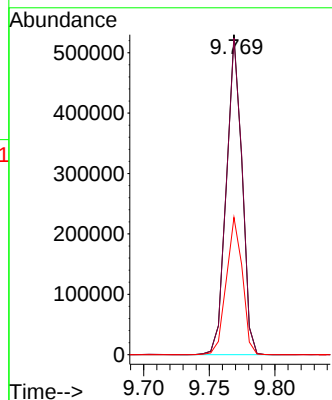
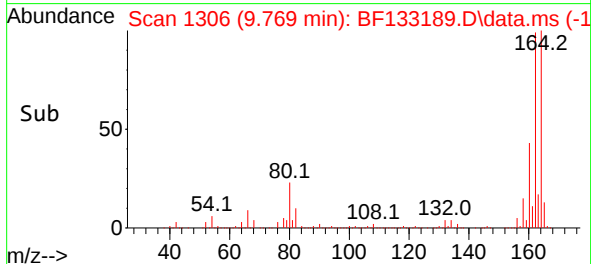
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



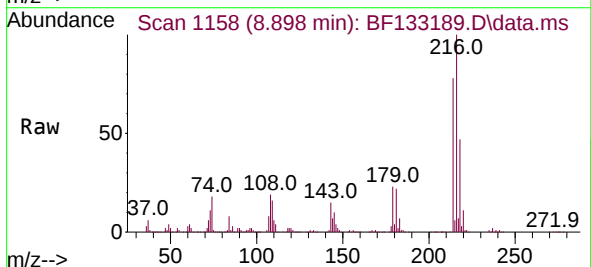
Tgt Ion:164 Resp: 435519
Ion Ratio Lower Upper
164 100
162 99.0 78.7 118.1
160 42.9 35.8 53.6

Manual Integrations
APPROVED

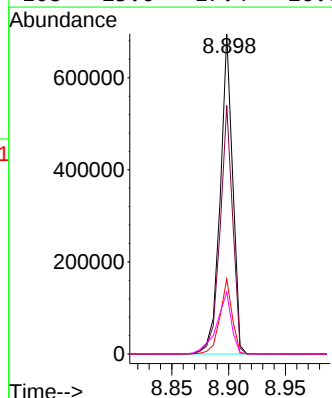
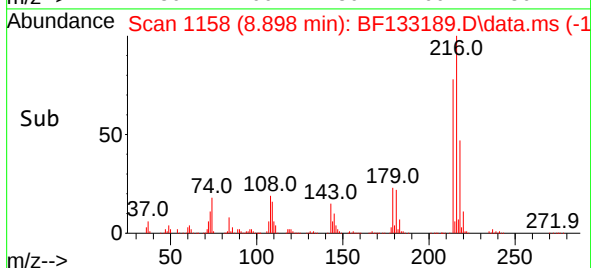
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

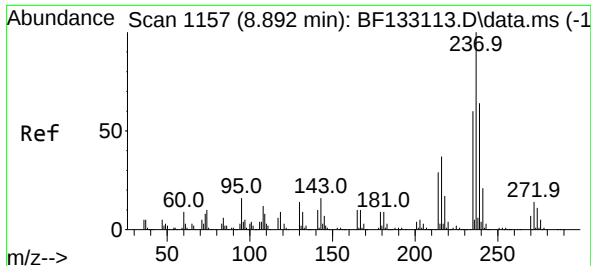


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.344 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17



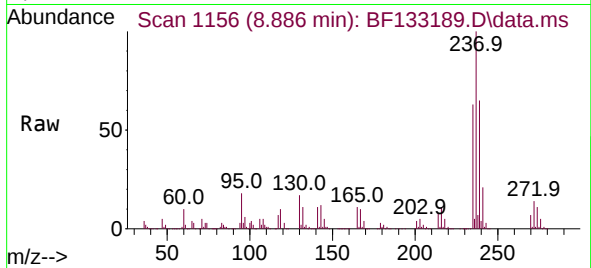
Tgt Ion:216 Resp: 530977
Ion Ratio Lower Upper
216 100
214 78.3 63.5 95.3
179 22.8 17.4 26.2
108 23.0 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 93.706 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

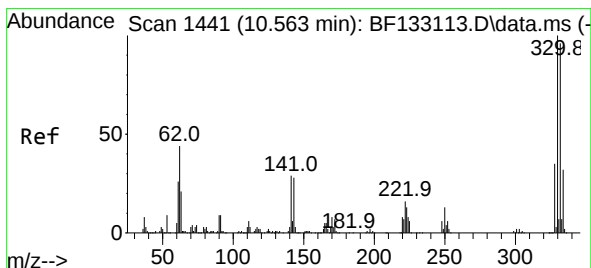
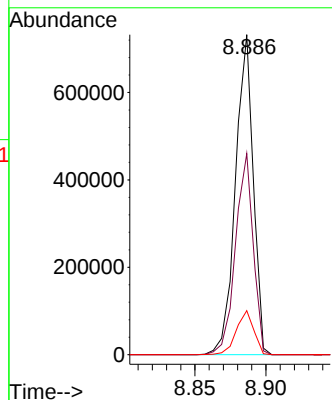
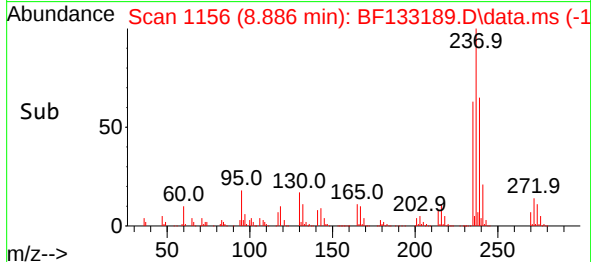
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



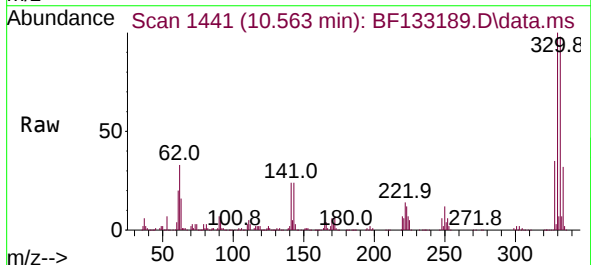
Tgt Ion: 237 Resp: 63994
Ion Ratio Lower Upper
237 100
235 62.9 43.5 83.5
272 13.8 0.0 32.7

Manual Integrations
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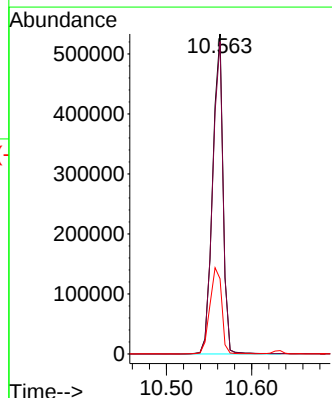
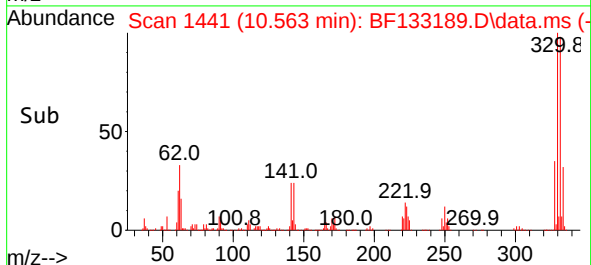
Reviewed By : Christian Giraldo 05/03/2023
Supervised By : Jagrut Upadhyay 05/03/2023

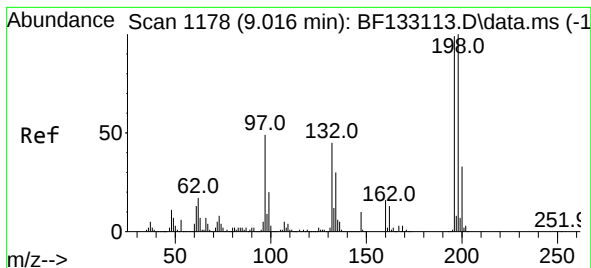


#42
2,4,6-Tribromophenol
Concen: 103.126 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17



Tgt Ion: 330 Resp: 451688
Ion Ratio Lower Upper
330 100
332 98.0 77.1 115.7
141 30.7 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 48.803 ng

RT: 9.010 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF133189.D

Acq: 02 May 2023 15:17

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MSD

Tgt Ion:196 Resp: 395219

Ion Ratio Lower Upper

196 100

198 101.4 81.0 121.6

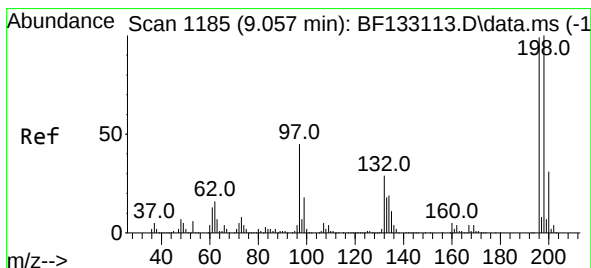
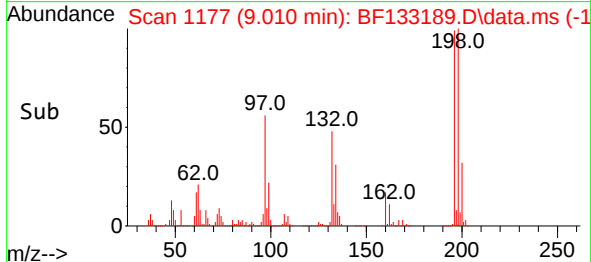
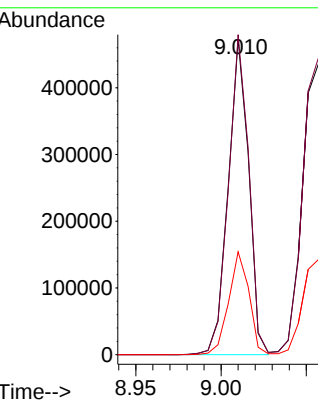
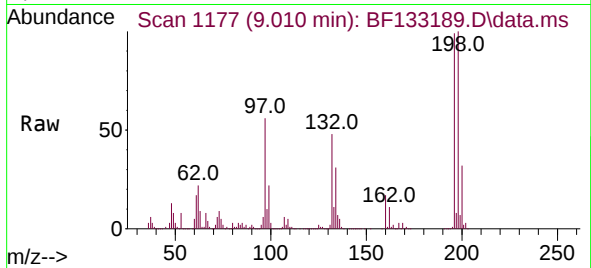
200 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2023

Supervised By :Jagrut Upadhyay 05/03/2023



#44

2,4,5-Trichlorophenol

Concen: 44.582 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.006 min

Lab File: BF133189.D

Acq: 02 May 2023 15:17

Tgt Ion:196 Resp: 417541

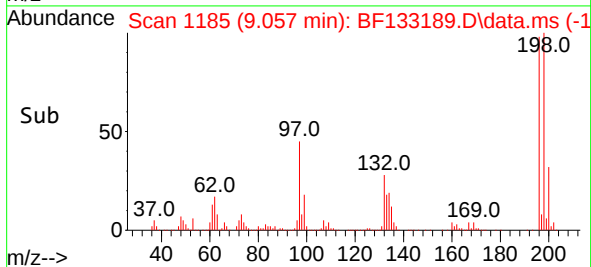
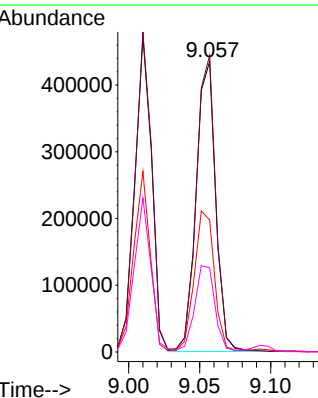
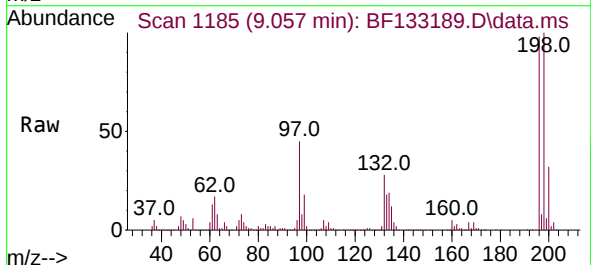
Ion Ratio Lower Upper

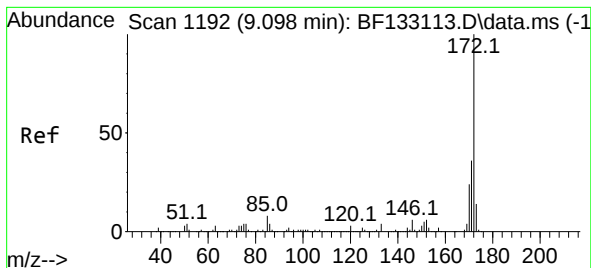
196 100

198 102.1 80.9 121.3

97 45.4 41.3 61.9

132 29.0 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 73.342 ng

RT: 9.092 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF133189.D

Acq: 02 May 2023 15:17

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MSD

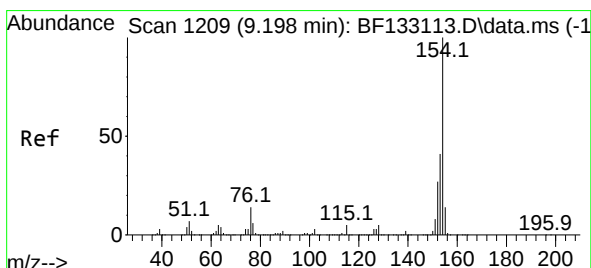
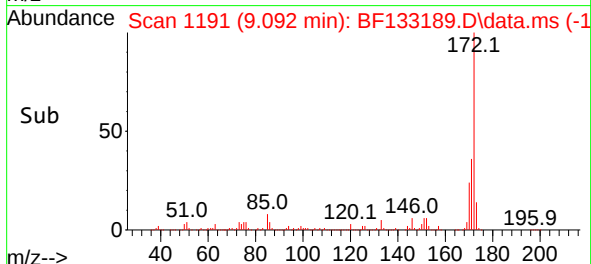
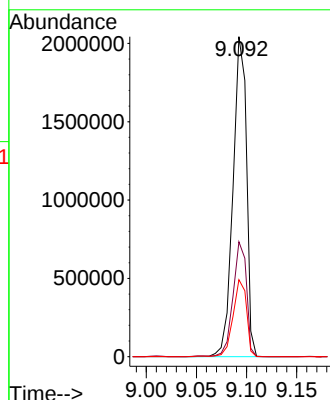
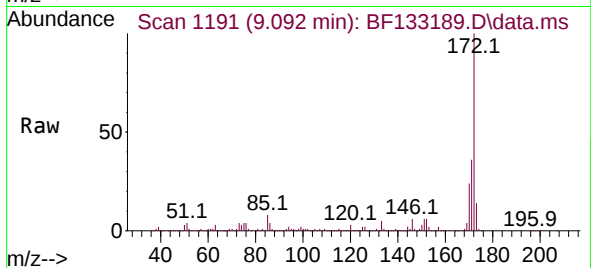
Tgt Ion:172 Resp: 1909240

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	24.1	19.4	29.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#46

1,1'-Biphenyl

Concen: 46.130 ng

RT: 9.198 min Scan# 1209

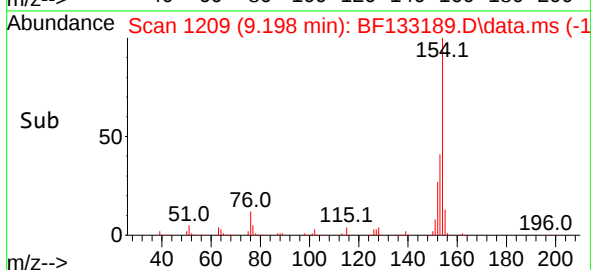
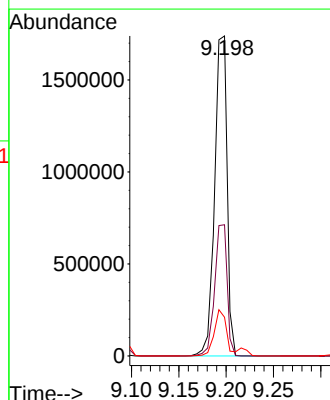
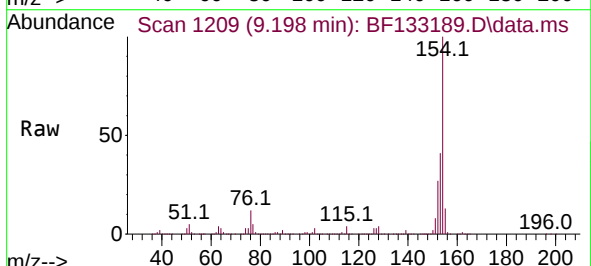
Delta R.T. 0.000 min

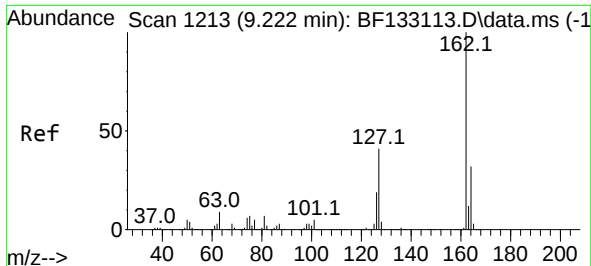
Lab File: BF133189.D

Acq: 02 May 2023 15:17

Tgt Ion:154 Resp: 1593073

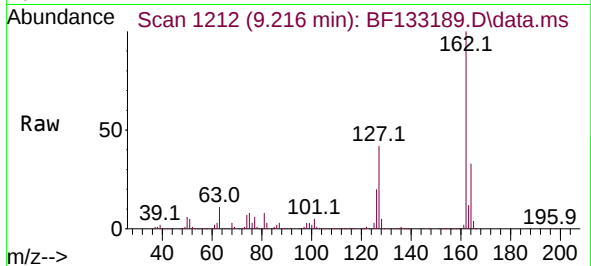
Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.0	61.0
76	12.1	0.0	34.5





#47
2-Chloronaphthalene
Concen: 47.764 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

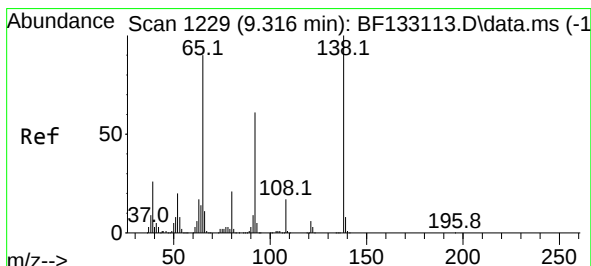
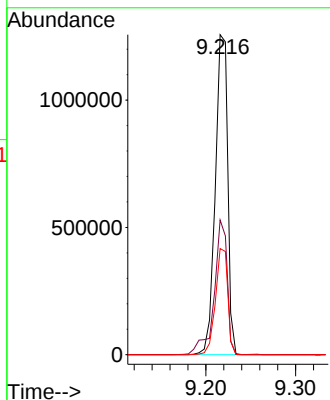
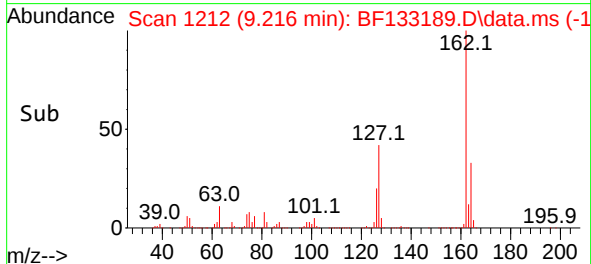
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



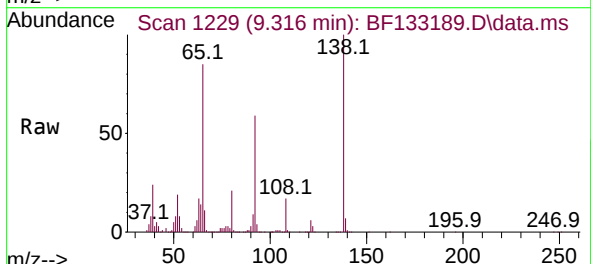
Tgt Ion:162 Resp: 1207328
Ion Ratio Lower Upper
162 100
127 42.1 32.3 48.5
164 33.1 26.8 40.2

Manual Integrations
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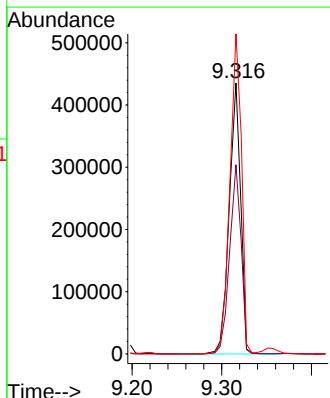
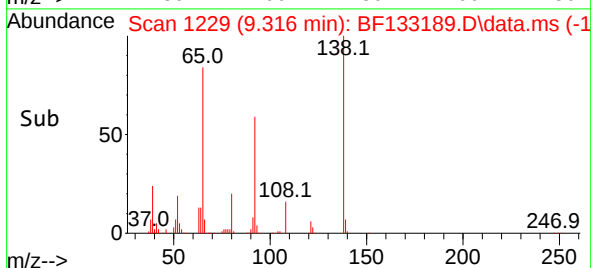
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

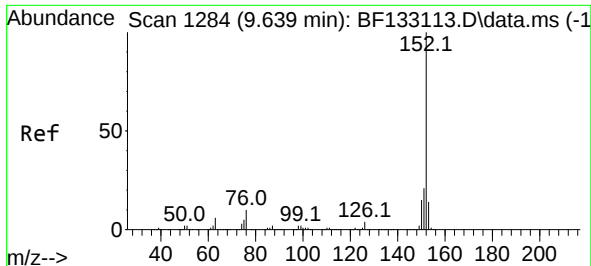


#48
2-Nitroaniline
Concen: 46.307 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17



Tgt Ion: 65 Resp: 386851
Ion Ratio Lower Upper
65 100
92 69.9 55.4 83.0
138 118.0 98.2 147.2





#49

Acenaphthylene

Concen: 45.806 ng

RT: 9.633 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133189.D

Acq: 02 May 2023 15:17

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MSD

Tgt Ion:152 Resp: 185004

Ion Ratio Lower Upper

152 100

151 20.8 16.6 24.8

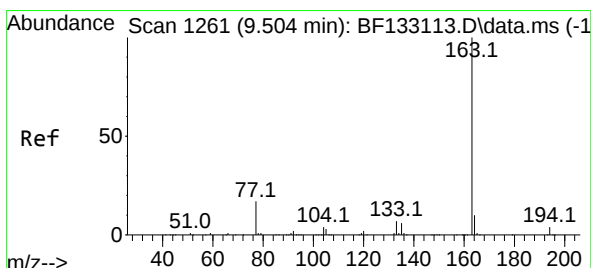
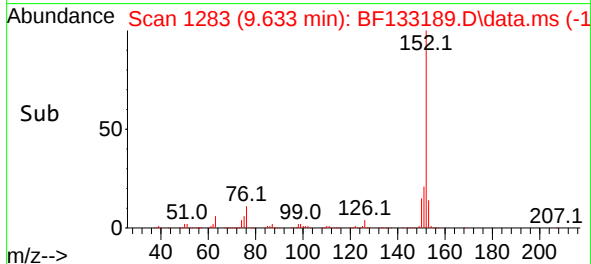
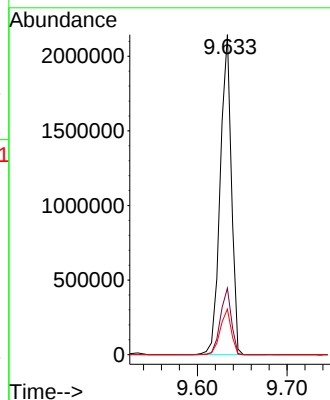
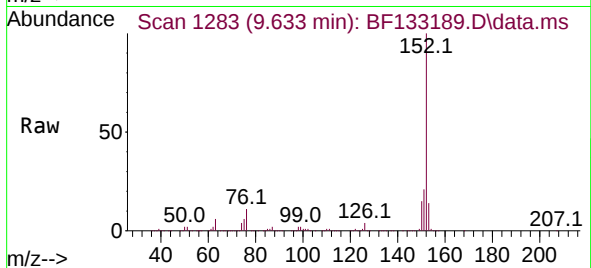
153 14.2 11.5 17.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/03/2023

Supervised By :Jagrut Upadhyay 05/03/2023



#50

Dimethylphthalate

Concen: 46.588 ng

RT: 9.498 min Scan# 1260

Delta R.T. 0.000 min

Lab File: BF133189.D

Acq: 02 May 2023 15:17

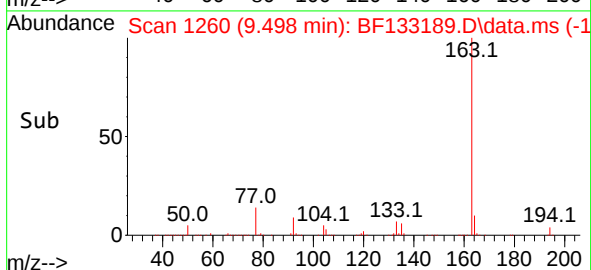
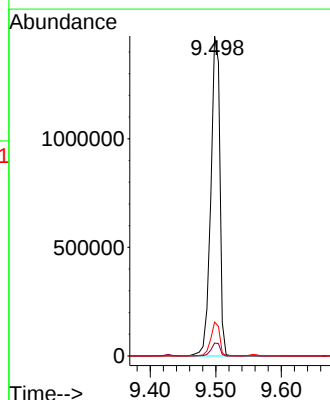
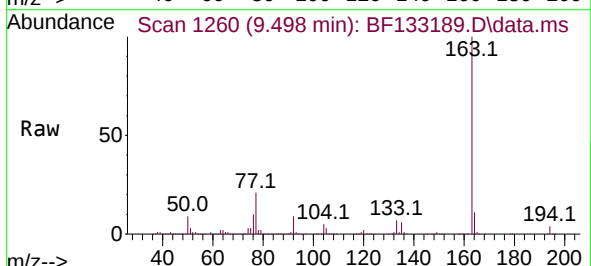
Tgt Ion:163 Resp: 1414793

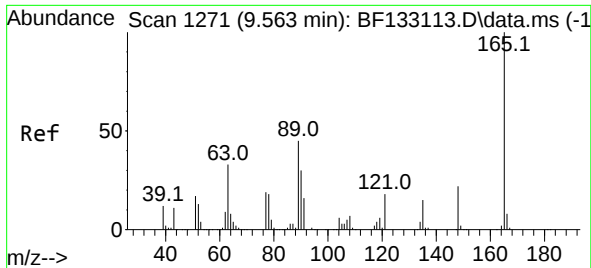
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

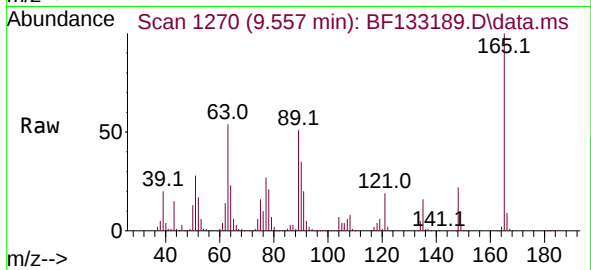
164 10.6 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 49.037 ng
RT: 9.557 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

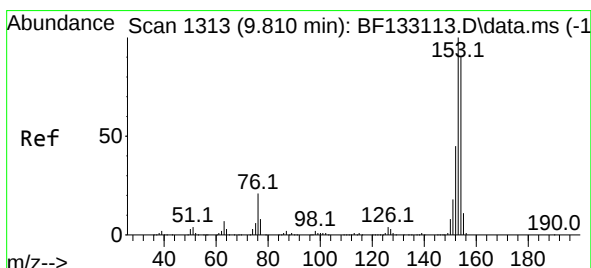
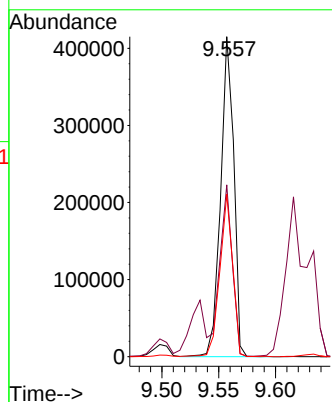
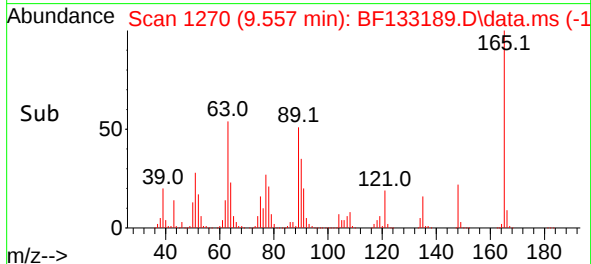
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



Tgt Ion:165 Resp: 335170
Ion Ratio Lower Upper
165 100
63 53.7 45.9 68.9
89 50.8 44.0 66.0

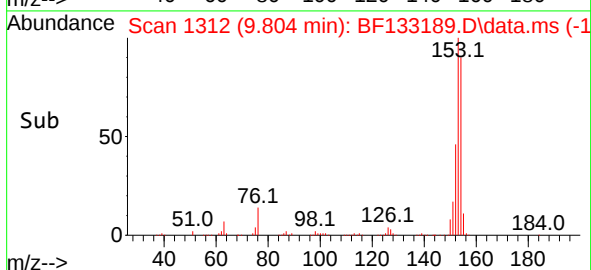
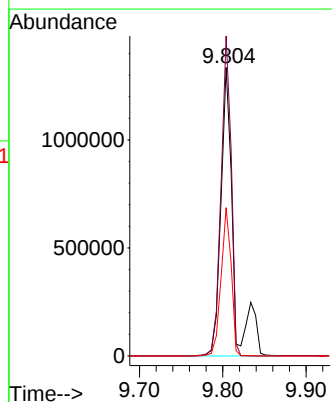
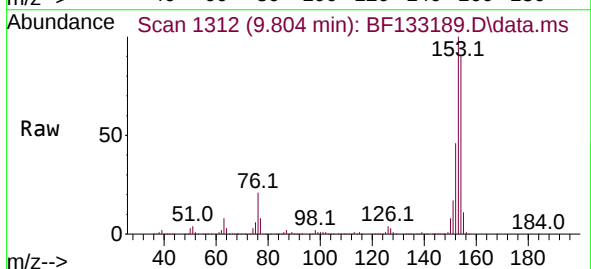
Manual Integrations
APPROVED

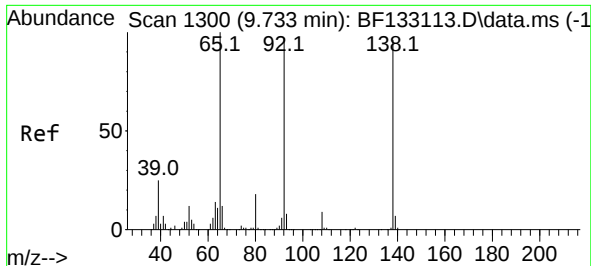
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#52
Acenaphthene
Concen: 50.633 ng m
RT: 9.804 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

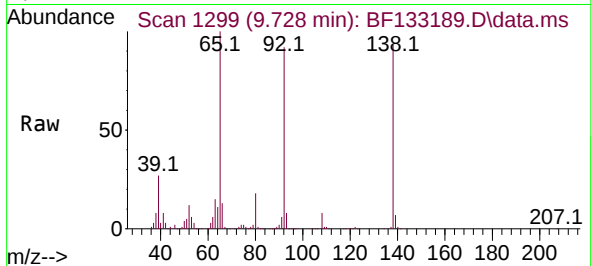
Tgt Ion:154 Resp: 1369661
Ion Ratio Lower Upper
154 100
153 110.9 89.0 133.6
152 51.4 40.4 60.6





#53
3-Nitroaniline
Concen: 31.624 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

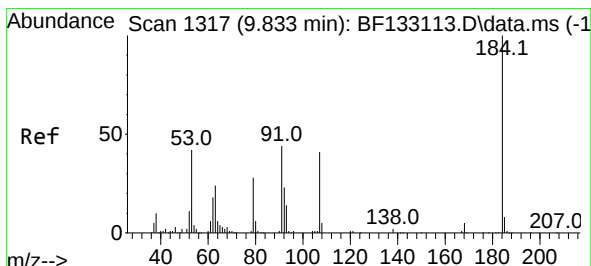
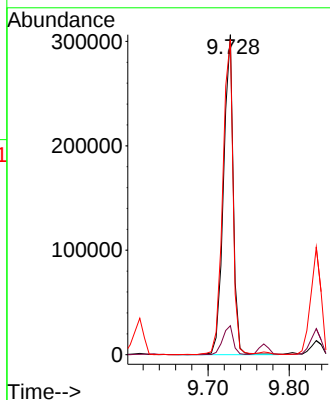
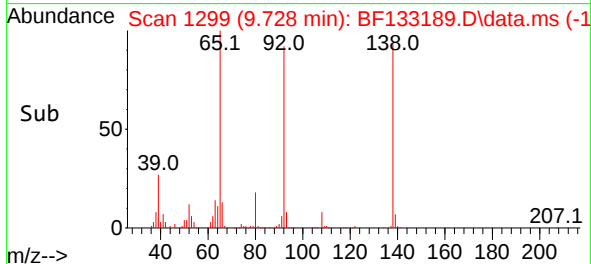
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



Tgt Ion:138 Resp: 257000
Ion Ratio Lower Upper
138 100
108 9.0 8.0 12.0
92 98.4 83.6 125.4

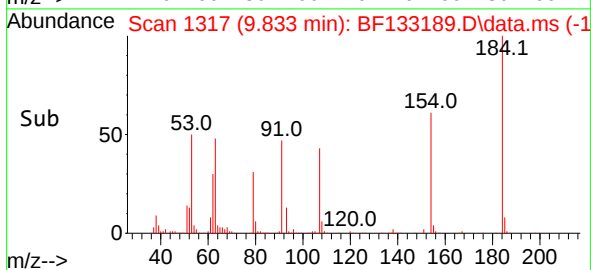
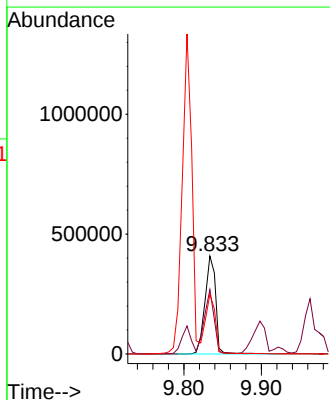
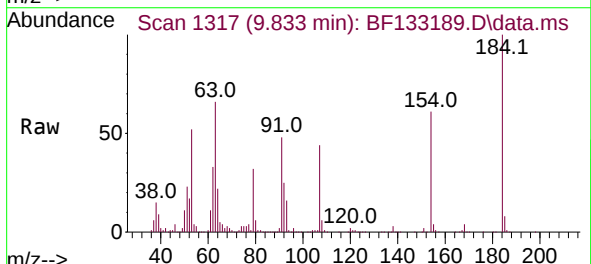
Manual Integrations
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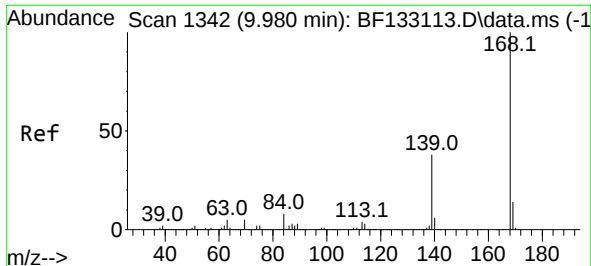
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#54
2,4-Dinitrophenol
Concen: 114.498 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

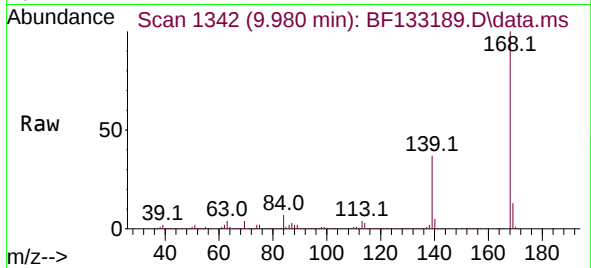
Tgt Ion:184 Resp: 393371
Ion Ratio Lower Upper
184 100
63 65.8 49.8 74.8
154 60.8 49.5 74.3





#55
Dibenzofuran
Concen: 44.985 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

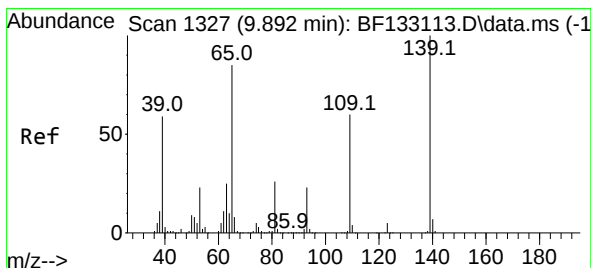
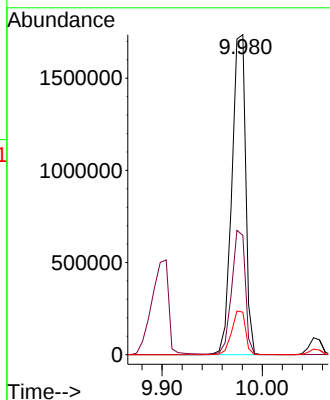
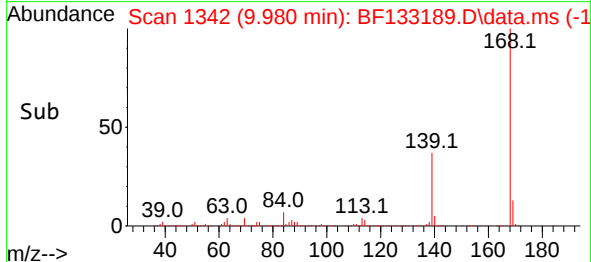
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



Tgt Ion:168 Resp: 1659928
Ion Ratio Lower Upper
168 100
139 37.3 29.8 44.8
169 13.3 10.8 16.2

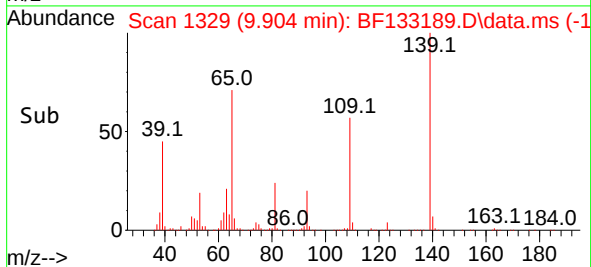
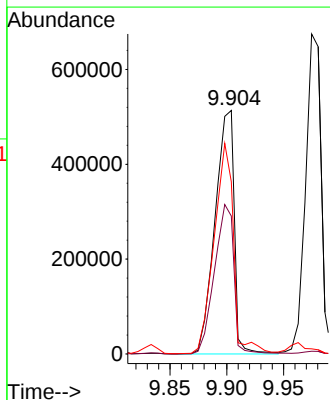
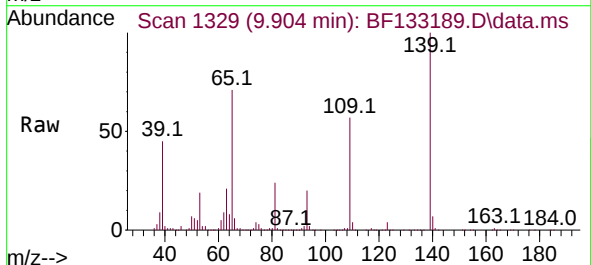
Manual Integrations
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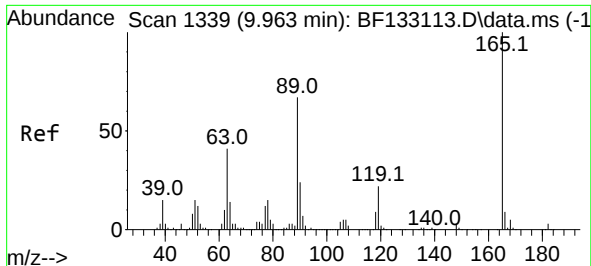
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#56
4-Nitrophenol
Concen: 96.342 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.012 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

Tgt Ion:139 Resp: 606425
Ion Ratio Lower Upper
139 100
109 56.6 39.4 79.4
65 70.7 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 48.819 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.000 min

Lab File: BF133189.D

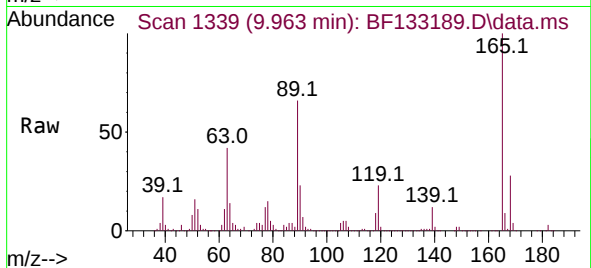
Acq: 02 May 2023 15:17

Instrument :

BNA_F

ClientSampleId :

SB-16-14-16-20230413MSD



Tgt Ion:165 Resp: 425538

Ion Ratio Lower Upper

165 100

63 42.4 37.7 56.5

89 65.5 57.0 85.4

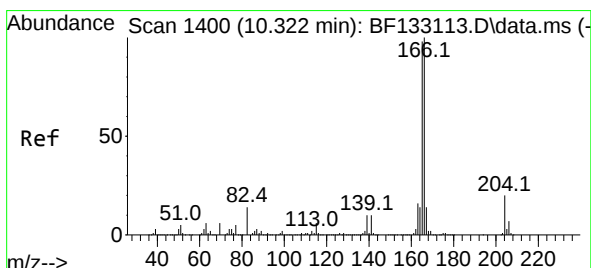
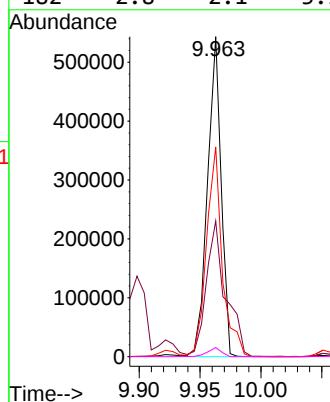
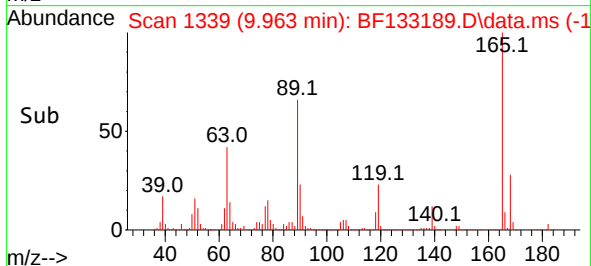
182 2.8 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2023

Supervised By :Jagrut Upadhyay 05/03/2023



#58

Fluorene

Concen: 44.629 ng

RT: 10.322 min Scan# 1400

Delta R.T. 0.000 min

Lab File: BF133189.D

Acq: 02 May 2023 15:17

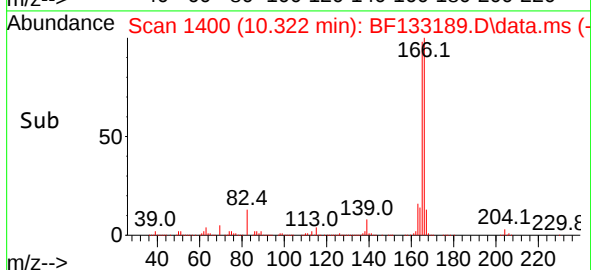
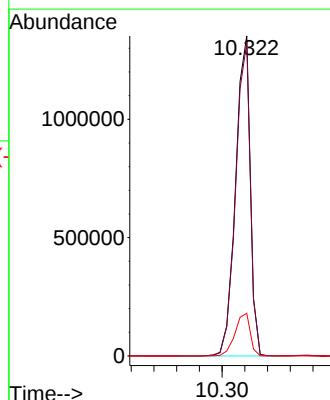
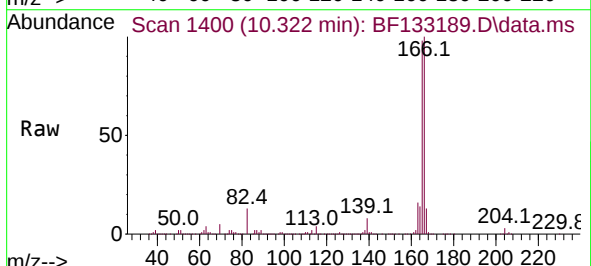
Tgt Ion:166 Resp: 1206501

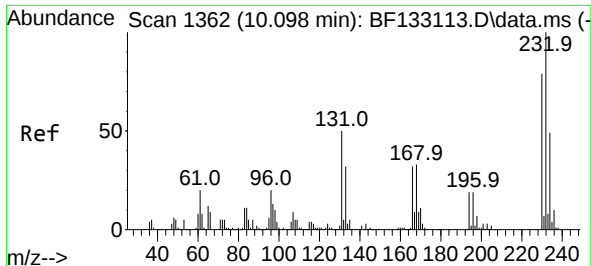
Ion Ratio Lower Upper

166 100

165 98.0 78.6 117.8

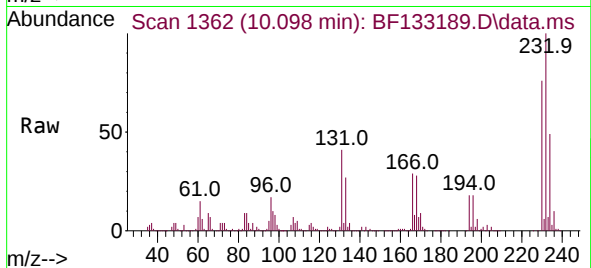
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.545 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

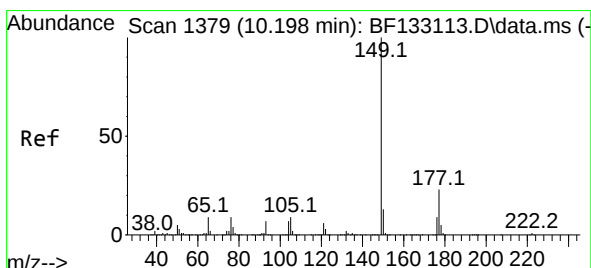
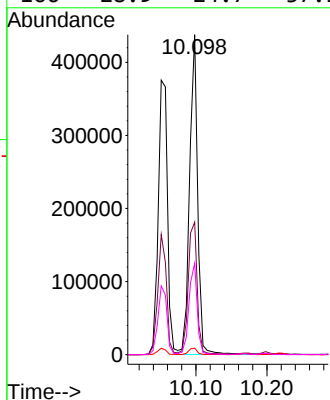
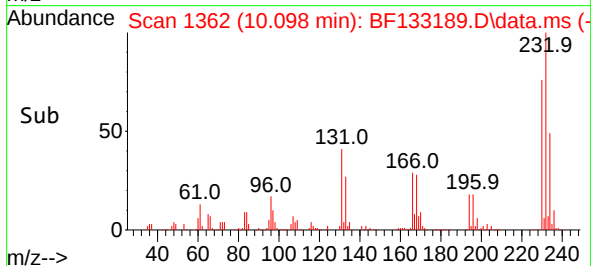
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



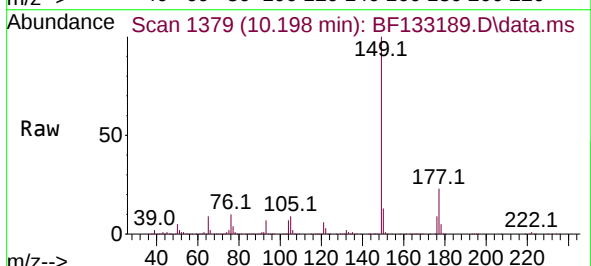
Tgt Ion:232 Resp: 345221
Ion Ratio Lower Upper
232 100
131 45.6 38.0 57.0
130 2.3 1.8 2.8
166 28.9 24.7 37.1

Manual Integrations
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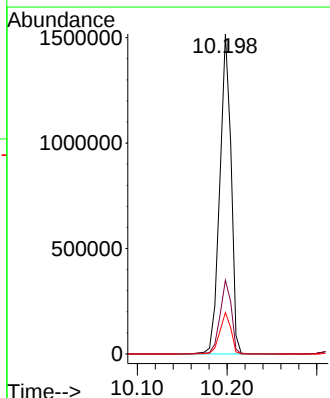
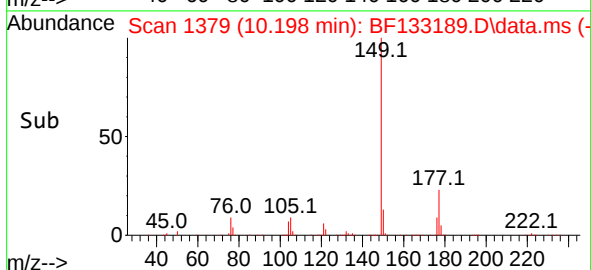
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

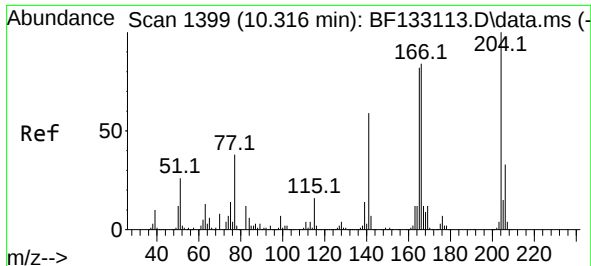


#60
Diethylphthalate
Concen: 45.906 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17



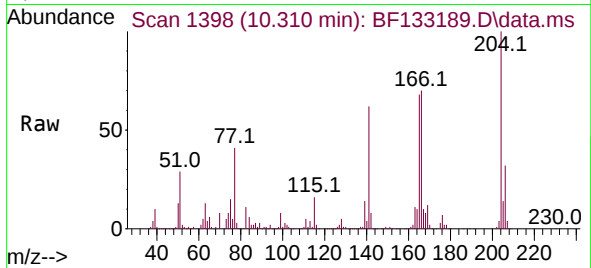
Tgt Ion:149 Resp: 1316777
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.4
150 12.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 44.278 ng
RT: 10.310 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

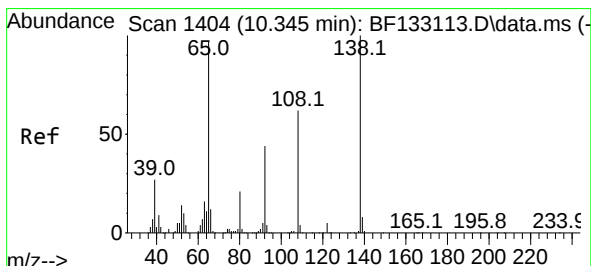
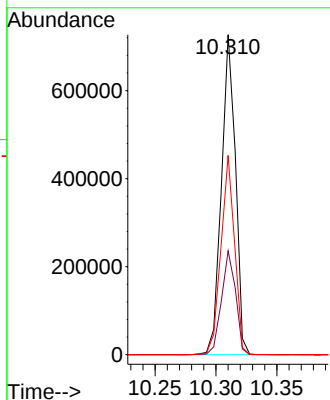
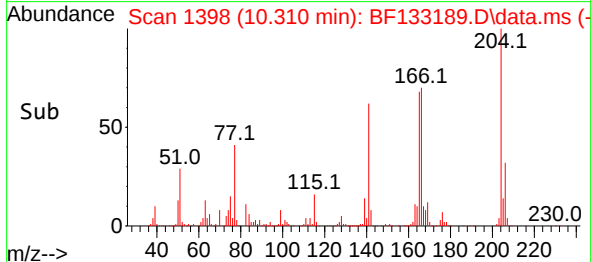
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



Tgt Ion:204 Resp: 583330
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 62.2 46.1 69.1

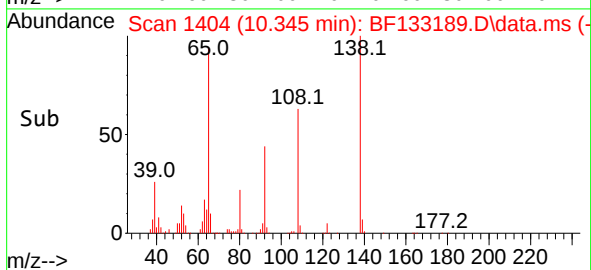
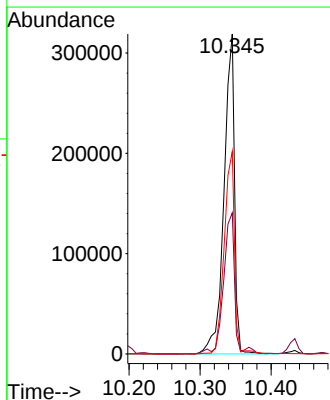
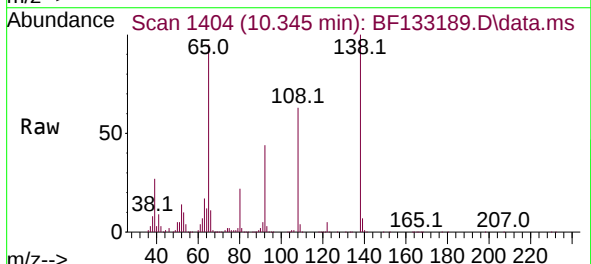
Manual Integrations
APPROVED

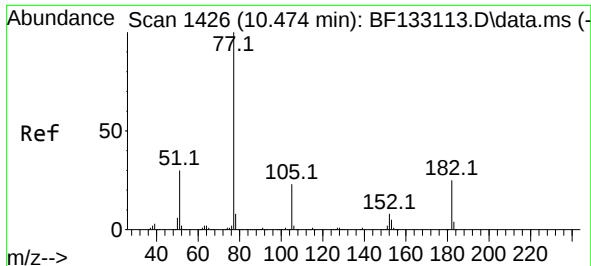
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#62
4-Nitroaniline
Concen: 43.627 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

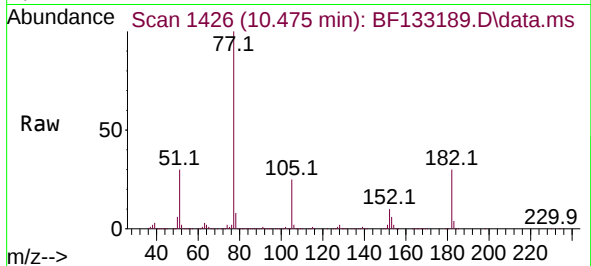
Tgt Ion:138 Resp: 325869
Ion Ratio Lower Upper
138 100
92 44.1 27.7 67.7
108 63.3 45.2 85.2





#63
Azobenzene
Concen: 45.689 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

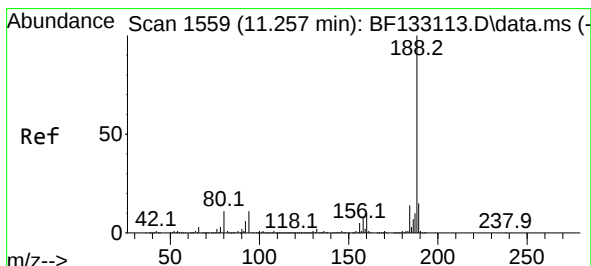
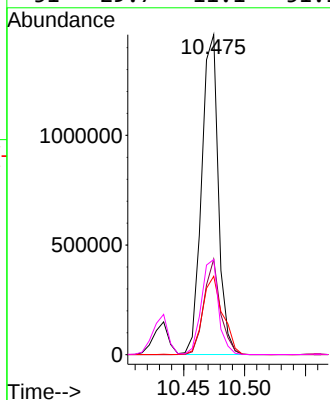
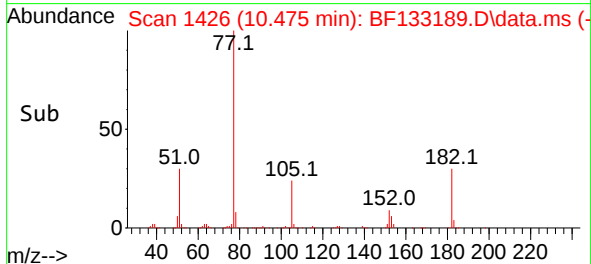
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



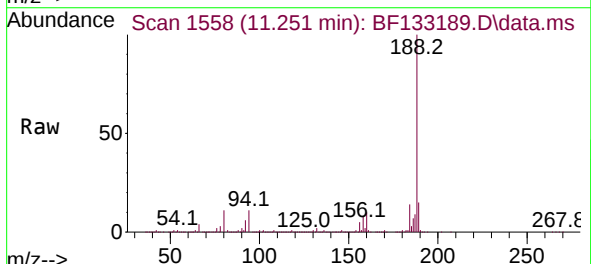
Tgt Ion: 77 Resp: 138833
Ion Ratio Lower Upper
77 100
182 29.8 5.9 45.9
105 24.5 2.3 42.3
51 29.7 11.1 51.1

Manual Integrations
APPROVED

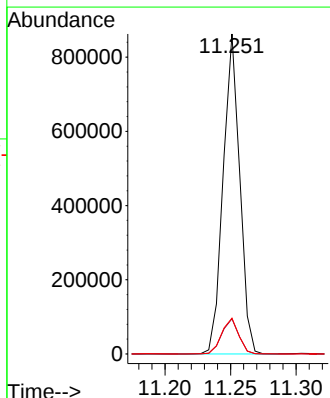
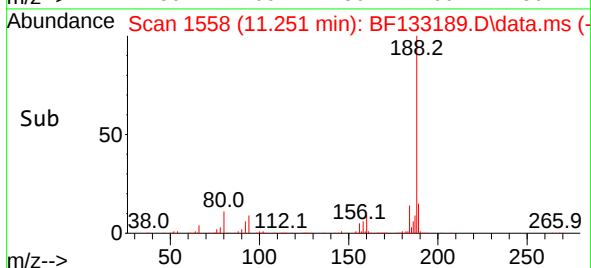
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

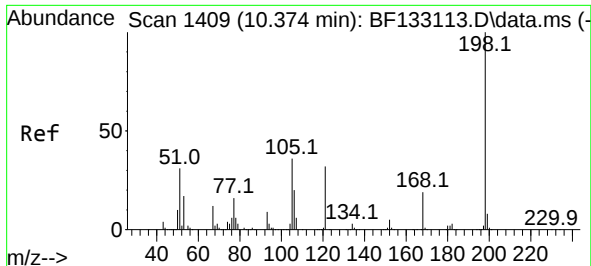


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17



Tgt Ion:188 Resp: 758642
Ion Ratio Lower Upper
188 100
94 11.0 9.7 14.5
80 11.2 10.4 15.6





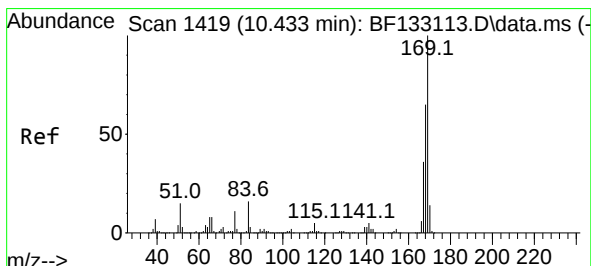
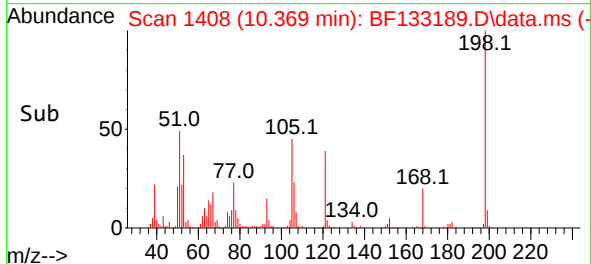
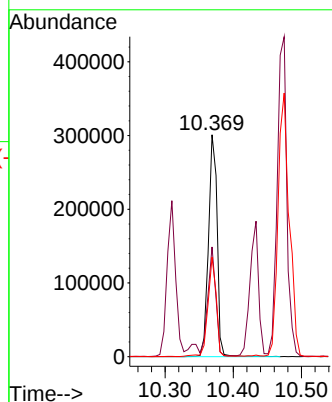
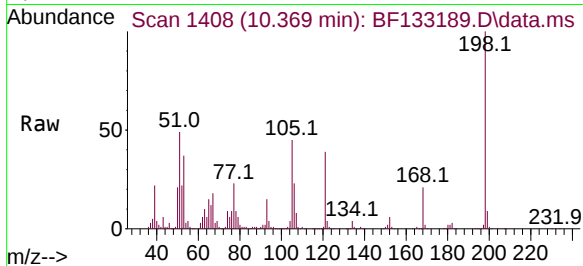
#65
4,6-Dinitro-2-methylphenol
Concen: 57.713 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD

Tgt Ion:198 Resp: 26538
Ion Ratio Lower Upper
198 100
51 49.4 15.5 55.5
105 44.8 16.7 56.7

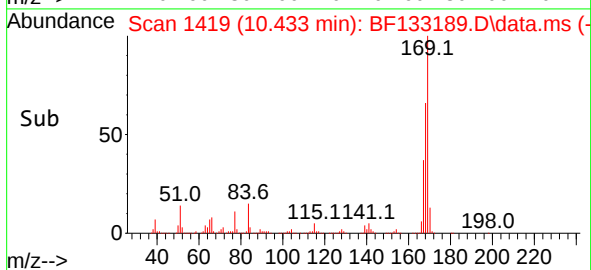
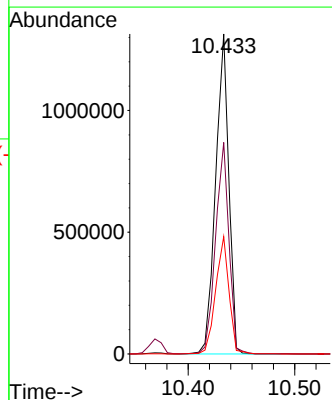
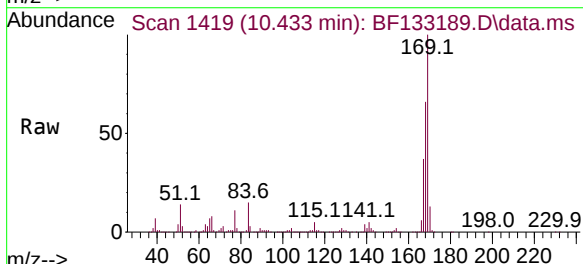
Manual Integrations
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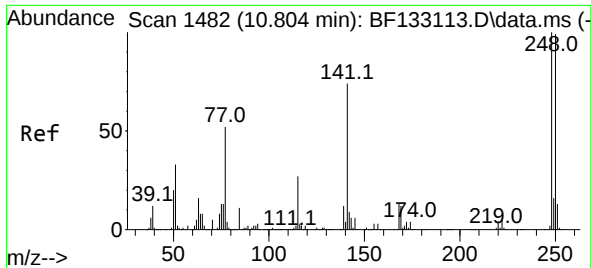
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#66
n-Nitrosodiphenylamine
Concen: 45.718 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

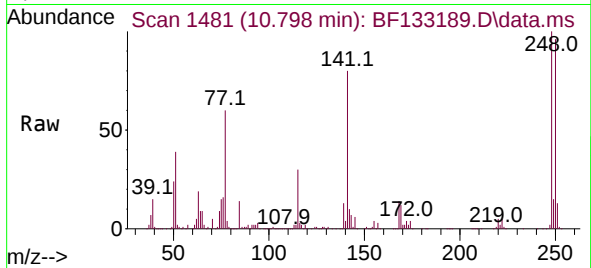
Tgt Ion:169 Resp: 1125058
Ion Ratio Lower Upper
169 100
168 66.1 53.8 80.8
167 36.7 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 45.991 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

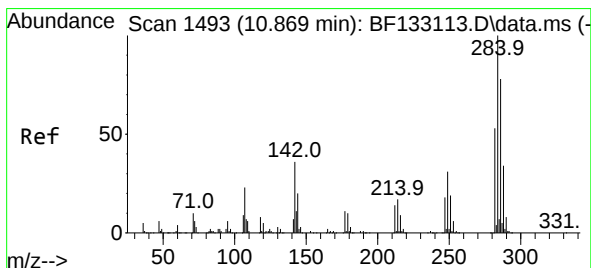
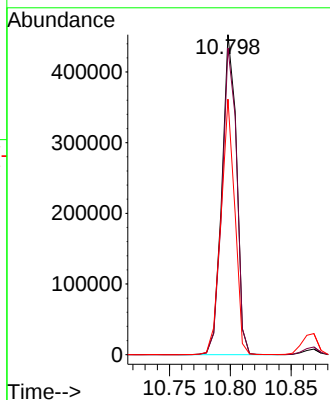
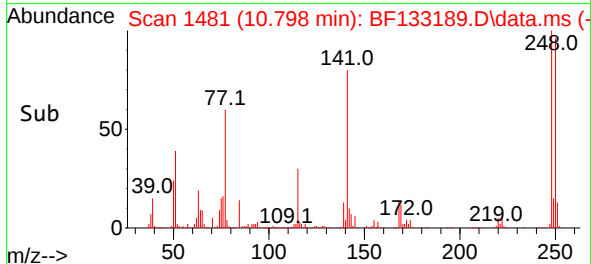
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



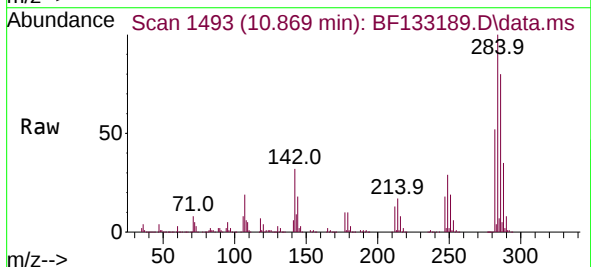
Tgt Ion:248 Resp: 37841
Ion Ratio Lower Upper
248 100
250 95.9 78.7 118.1
141 79.8 56.3 84.5

Manual Integrations
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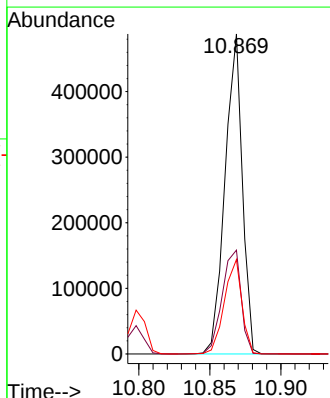
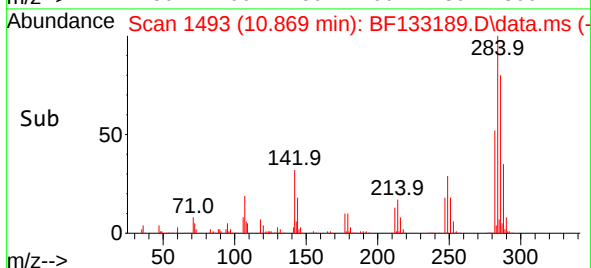
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

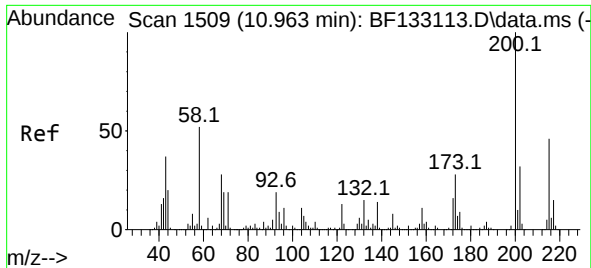


#68
Hexachlorobenzene
Concen: 48.799 ng
RT: 10.869 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17



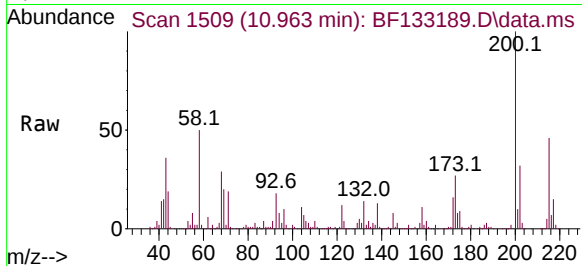
Tgt Ion:284 Resp: 411430
Ion Ratio Lower Upper
284 100
142 32.4 26.0 39.0
249 29.5 23.7 35.5





#69
 Atrazine
 Concen: 52.046 ng
 RT: 10.963 min Scan# 1509
 Delta R.T. 0.000 min
 Lab File: BF133189.D
 Acq: 02 May 2023 15:17

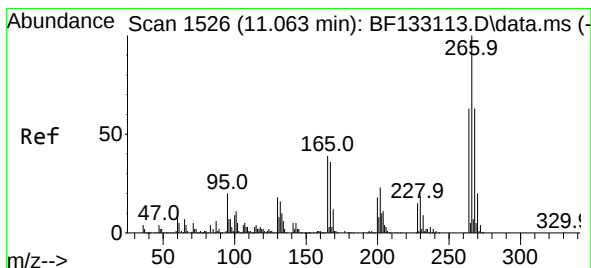
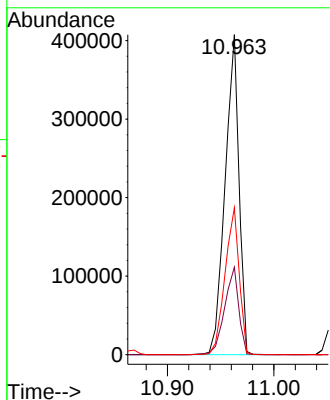
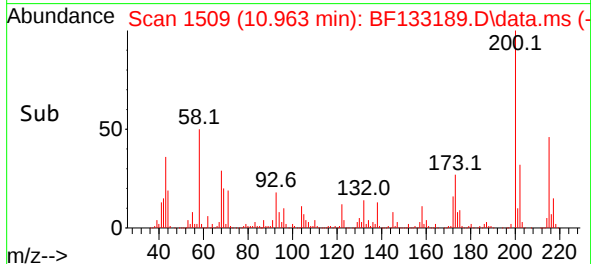
Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14-16-20230413MSD



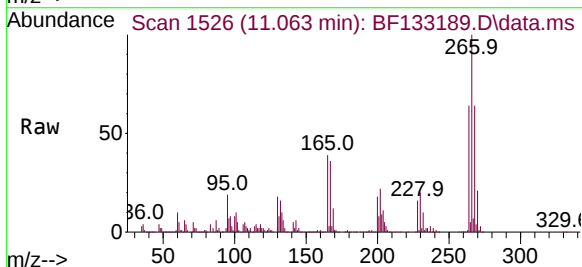
Tgt Ion:200 Resp: 36904
 Ion Ratio Lower Upper
 200 100
 173 27.3 6.2 46.2
 215 45.9 26.3 66.3

Manual Integrations
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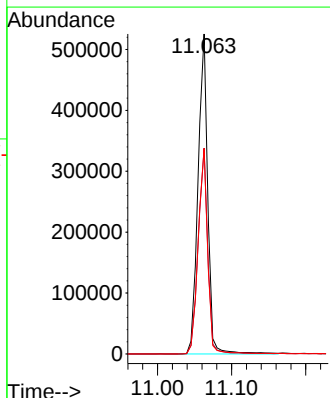
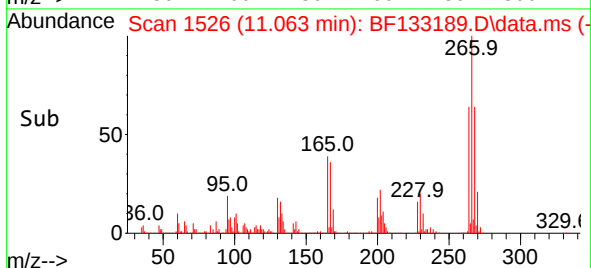
Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023

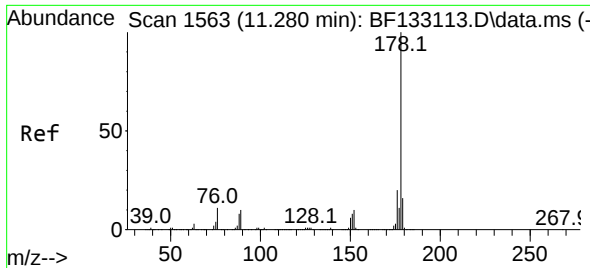


#70
 Pentachlorophenol
 Concen: 79.777 ng
 RT: 11.063 min Scan# 1526
 Delta R.T. 0.000 min
 Lab File: BF133189.D
 Acq: 02 May 2023 15:17



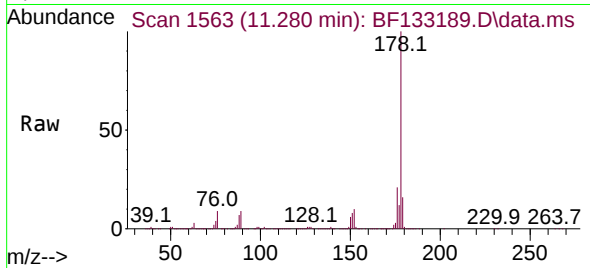
Tgt Ion:266 Resp: 479026
 Ion Ratio Lower Upper
 266 100
 268 64.3 48.8 73.2
 264 64.2 50.6 76.0





#71
Phenanthrene
Concen: 45.073 ng
RT: 11.280 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

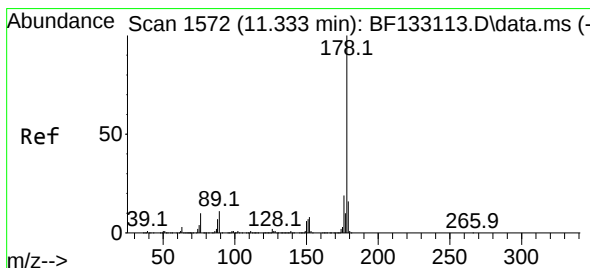
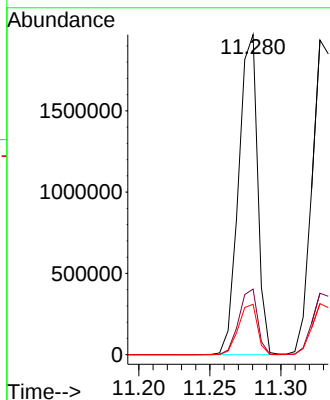
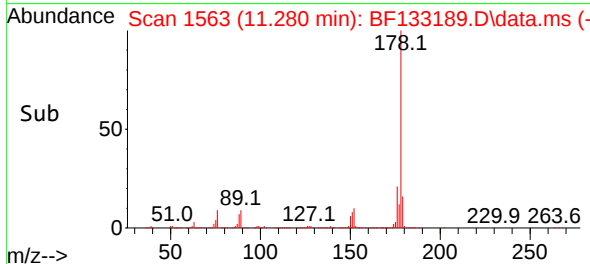
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



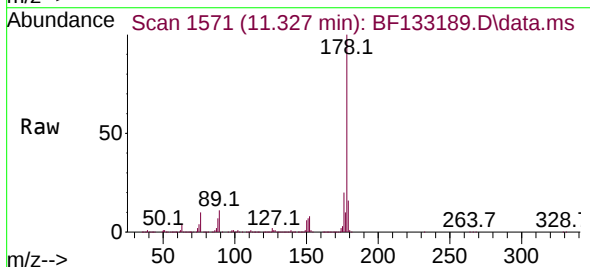
Tgt Ion:178 Resp: 1837845
Ion Ratio Lower Upper
178 100
176 20.5 15.9 23.9
179 15.7 12.5 18.7

Manual Integrations
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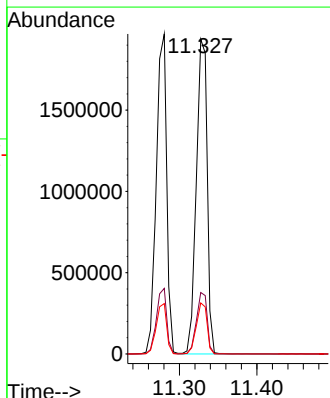
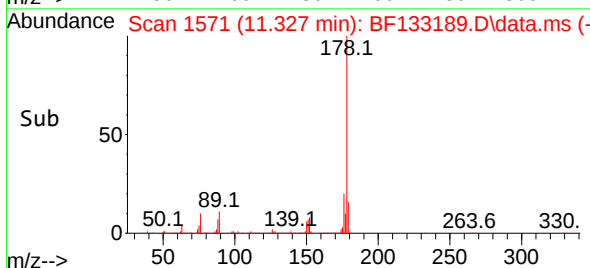
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

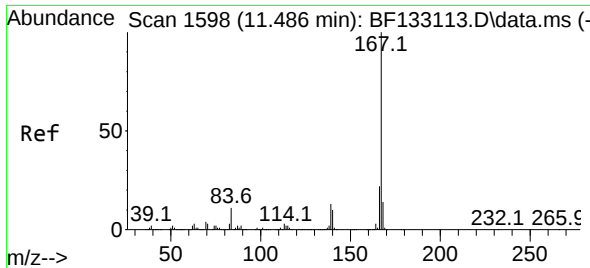


#72
Anthracene
Concen: 45.224 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17



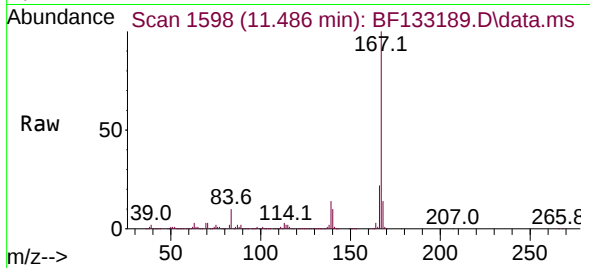
Tgt Ion:178 Resp: 1887111
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 16.2 12.4 18.6





#73
 Carbazole
 Concen: 45.919 ng
 RT: 11.486 min Scan# 1598
 Delta R.T. 0.000 min
 Lab File: BF133189.D
 Acq: 02 May 2023 15:17

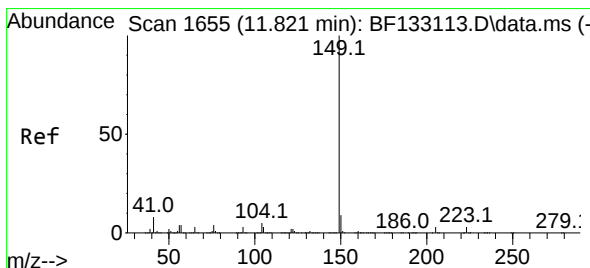
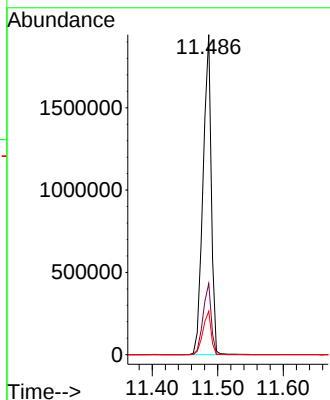
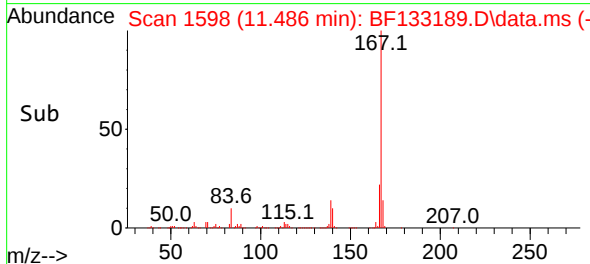
Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14-16-20230413MSD



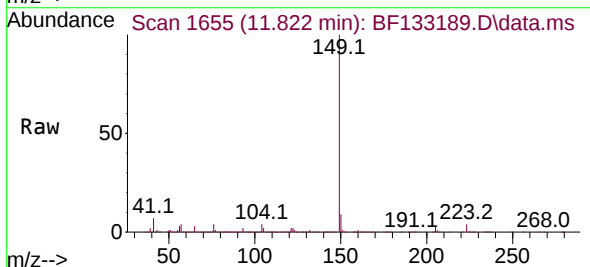
Tgt Ion:167 Resp: 1706188
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.0
 139 13.6 10.6 16.0

Manual Integrations
 APPROVED

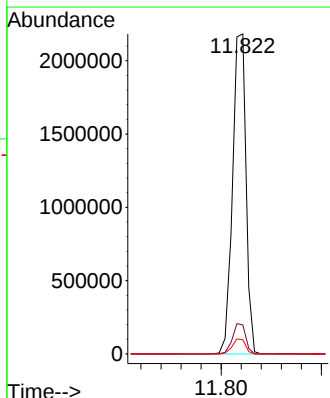
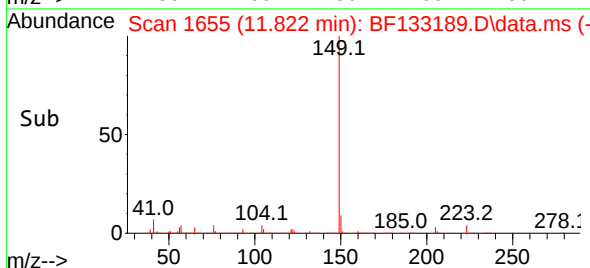
Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023

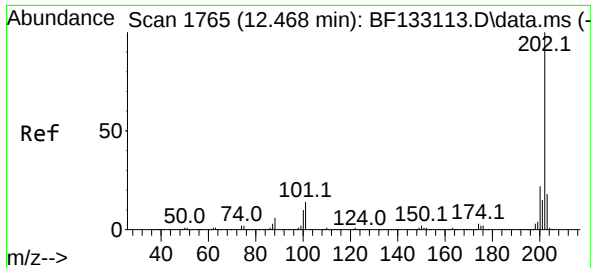


#74
 Di-n-butylphthalate
 Concen: 48.253 ng
 RT: 11.822 min Scan# 1655
 Delta R.T. 0.000 min
 Lab File: BF133189.D
 Acq: 02 May 2023 15:17



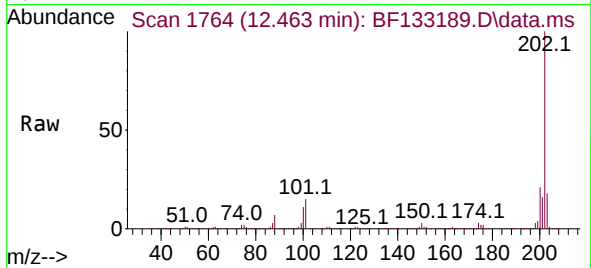
Tgt Ion:149 Resp: 2028972
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.6 11.4
 104 4.5 4.0 6.0





#75
Fluoranthene
Concen: 44.723 ng
RT: 12.463 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

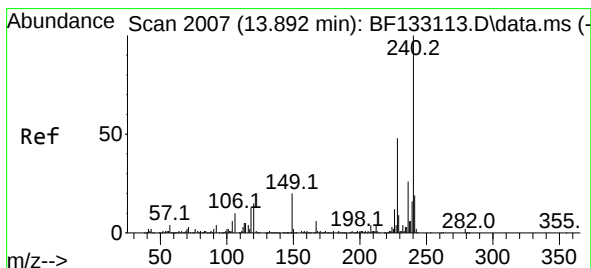
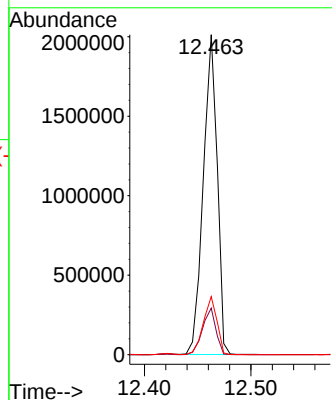
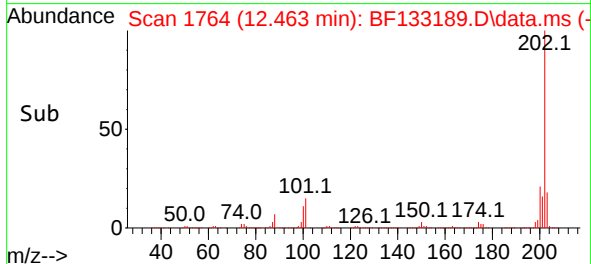
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



Tgt Ion:202 Resp: 183016
Ion Ratio Lower Upper
202 100
101 14.6 0.0 35.3
203 18.2 0.0 38.1

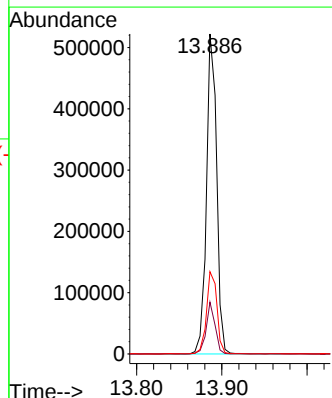
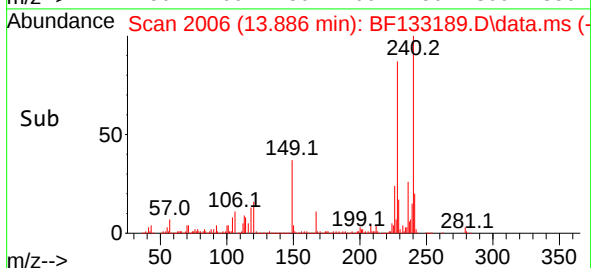
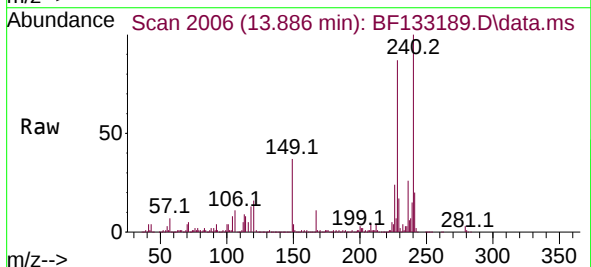
Manual Integrations
APPROVED

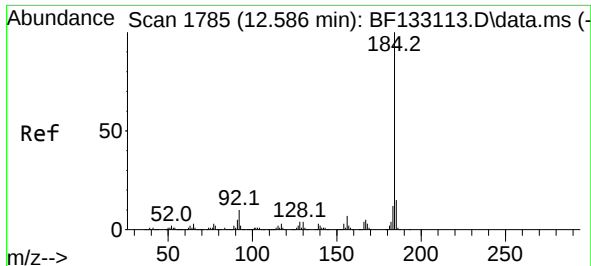
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

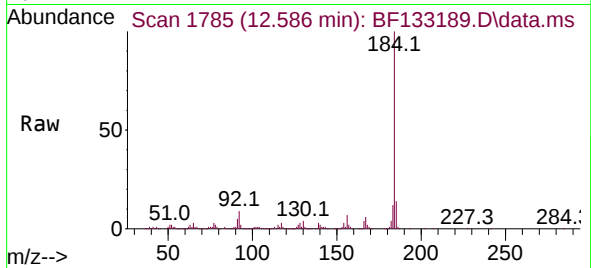
Tgt Ion:240 Resp: 432745
Ion Ratio Lower Upper
240 100
120 16.2 10.5 15.7#
236 25.7 21.5 32.3





#77
Benzidine
Concen: 70.020 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

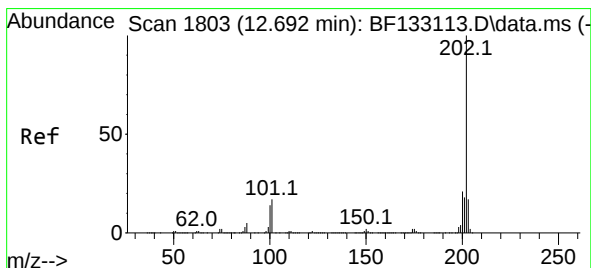
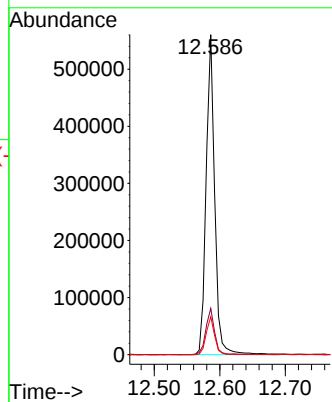
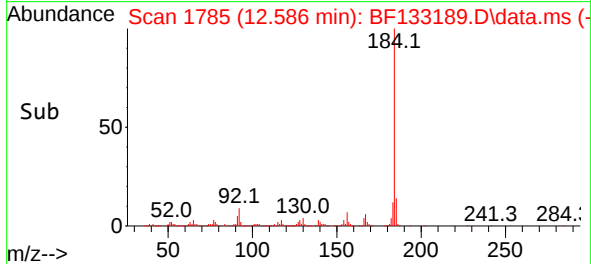
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



Tgt Ion:184 Resp: 512400
Ion Ratio Lower Upper
184 100
185 14.5 15.4 23.2
183 11.8 9.4 14.0

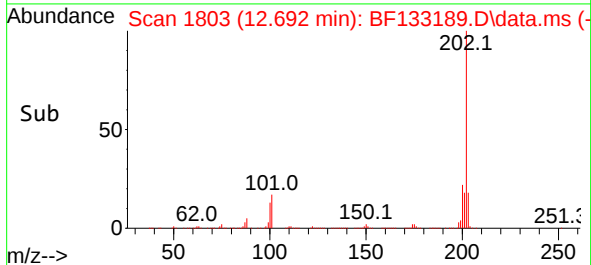
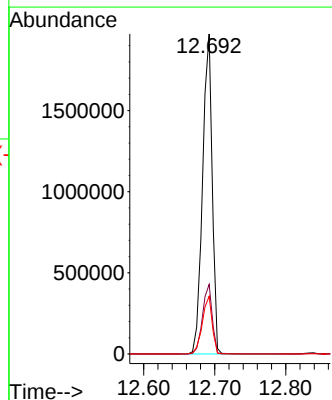
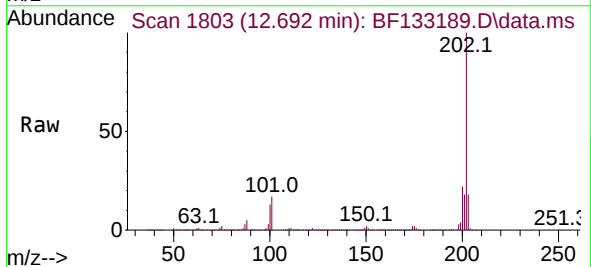
Manual Integrations
APPROVED

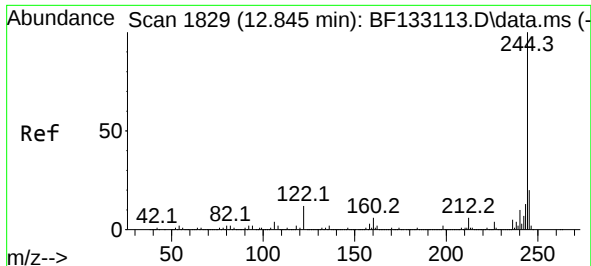
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#78
Pyrene
Concen: 50.194 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

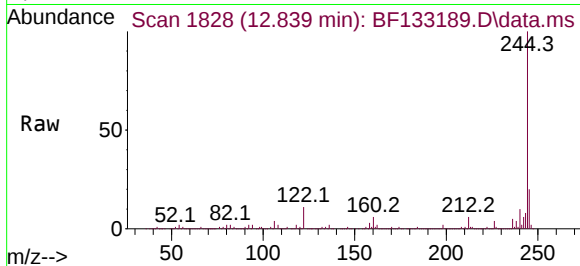
Tgt Ion:202 Resp: 1862011
Ion Ratio Lower Upper
202 100
200 21.8 17.1 25.7
203 18.0 14.1 21.1





#79
 Terphenyl-d14
 Concen: 82.338 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. 0.000 min
 Lab File: BF133189.D
 Acq: 02 May 2023 15:17

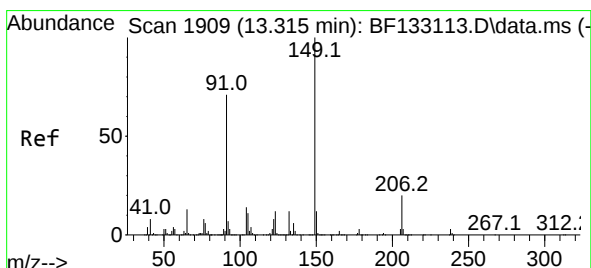
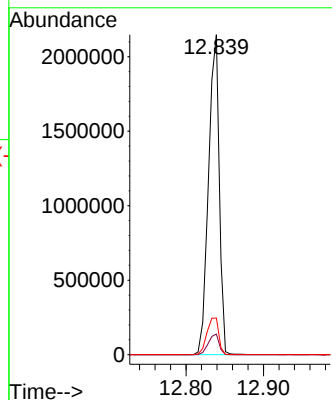
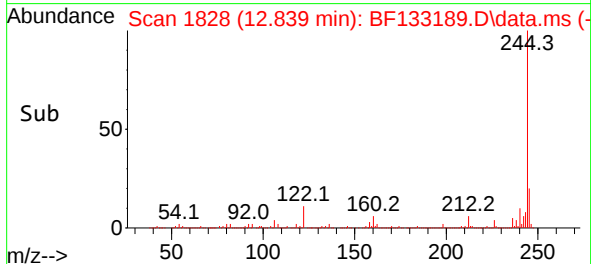
Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14-16-20230413MSD



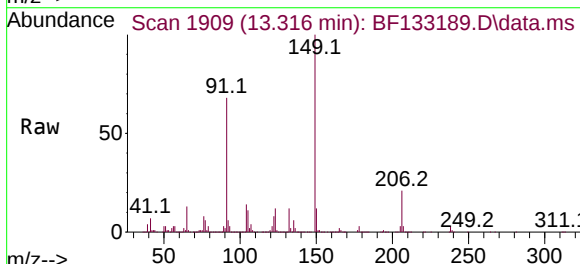
Tgt Ion:244 Resp: 206598
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.4 8.6 13.0

Manual Integrations
 APPROVED

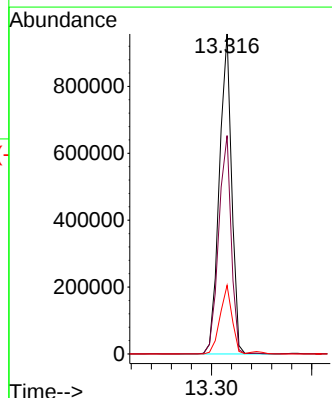
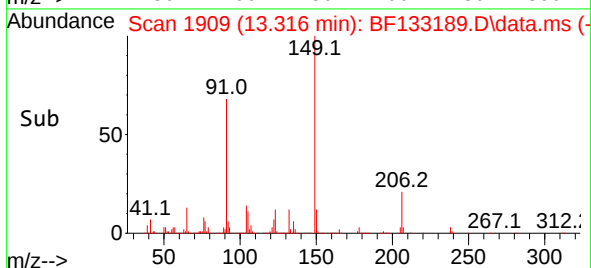
Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023

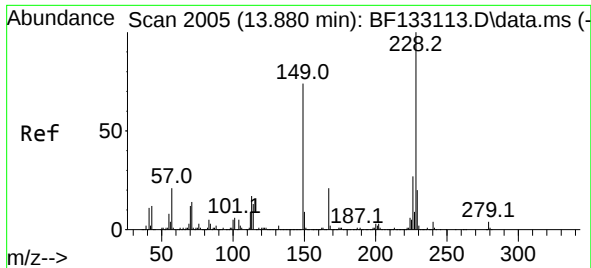


#80
 Butylbenzylphthalate
 Concen: 62.031 ng
 RT: 13.316 min Scan# 1909
 Delta R.T. 0.000 min
 Lab File: BF133189.D
 Acq: 02 May 2023 15:17



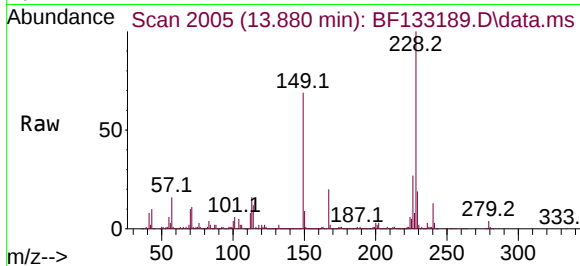
Tgt Ion:149 Resp: 814764
 Ion Ratio Lower Upper
 149 100
 91 68.3 53.8 80.6
 206 21.4 17.5 26.3





#81
Benzo(a)anthracene
Concen: 45.091 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

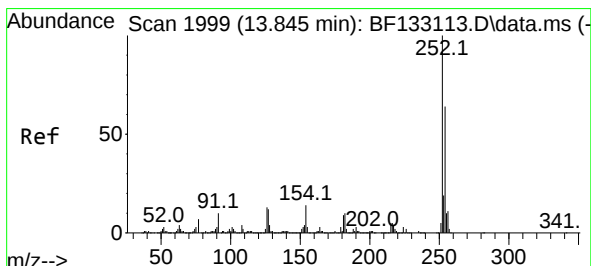
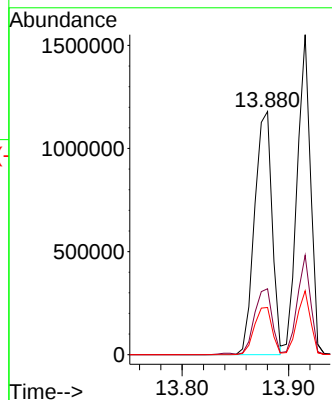
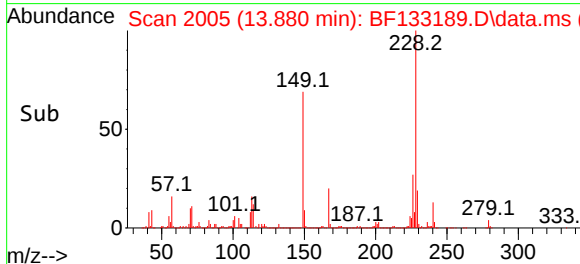
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



Tgt Ion:228 Resp: 134184
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.4
229 19.4 16.0 24.0

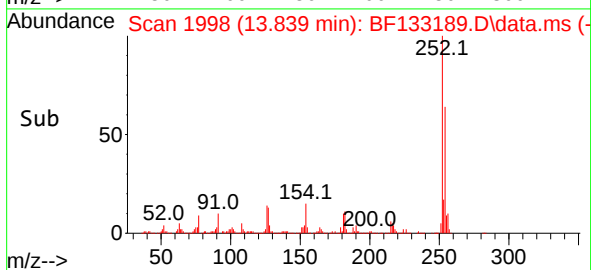
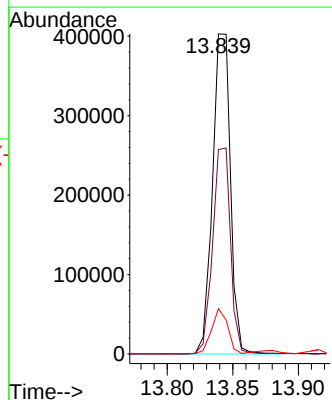
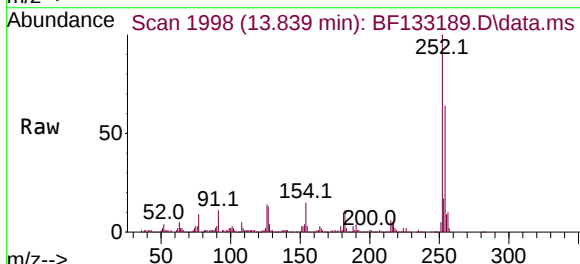
Manual Integrations
APPROVED

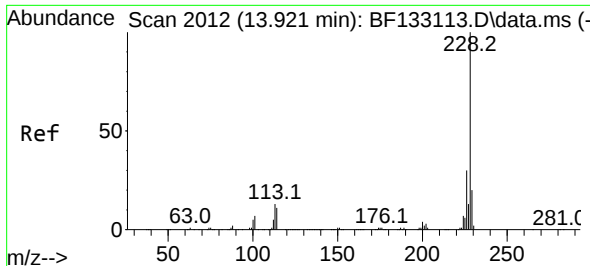
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#82
3,3'-Dichlorobenzidine
Concen: 46.581 ng
RT: 13.839 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

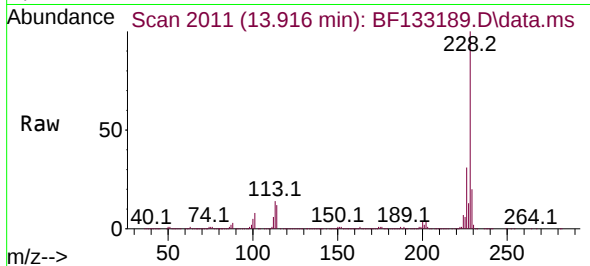
Tgt Ion:252 Resp: 382937
Ion Ratio Lower Upper
252 100
254 63.9 51.5 77.3
126 14.2 9.5 14.3





#83
Chrysene
Concen: 45.473 ng
RT: 13.916 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

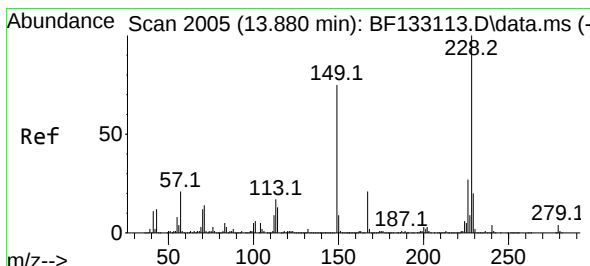
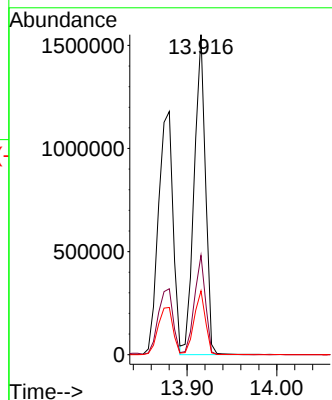
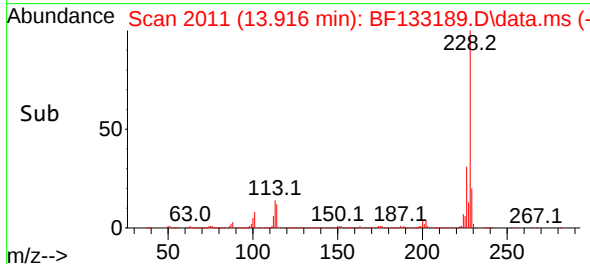
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



Tgt Ion:228 Resp: 1352879
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 19.9 16.1 24.1

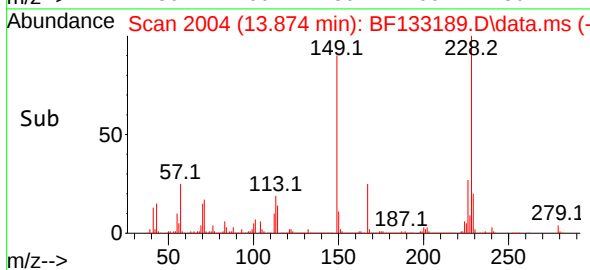
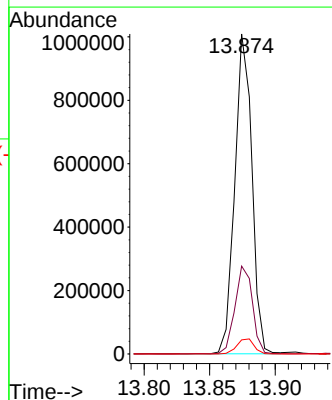
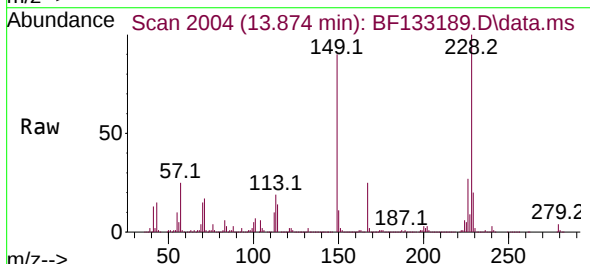
Manual Integrations
APPROVED

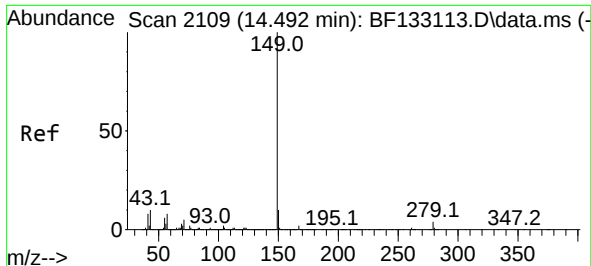
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.606 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

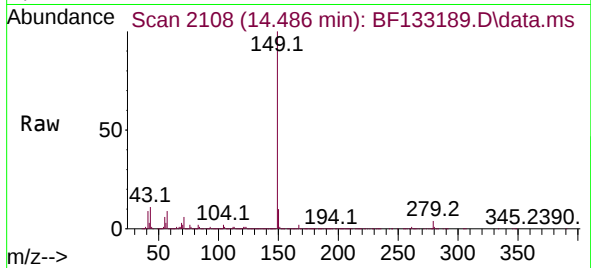
Tgt Ion:149 Resp: 916746
Ion Ratio Lower Upper
149 100
167 27.5 22.5 33.7
279 4.4 4.2 6.4





#85
Di-n-octyl phthalate
Concen: 59.398 ng
RT: 14.486 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

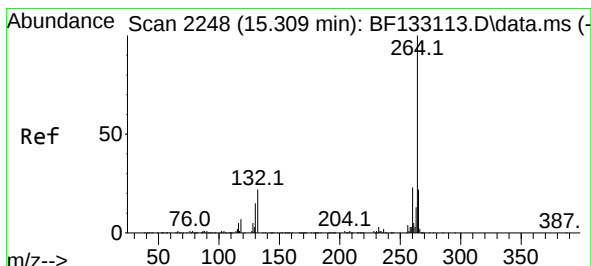
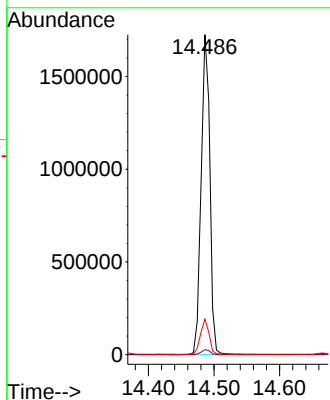
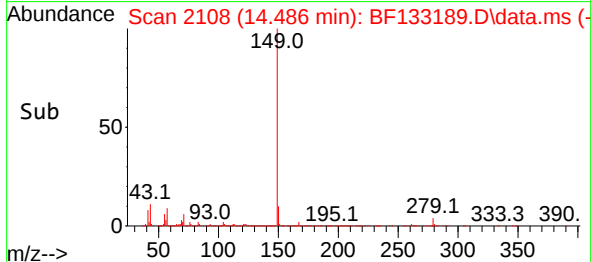
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



Tgt Ion:149 Resp: 159676
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.9 9.5 14.3

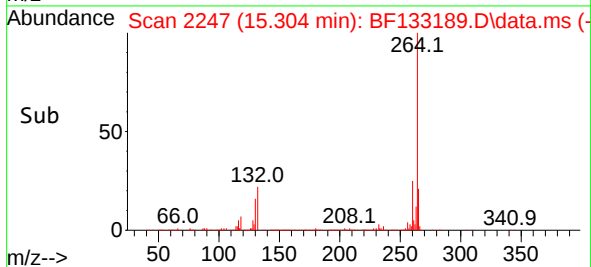
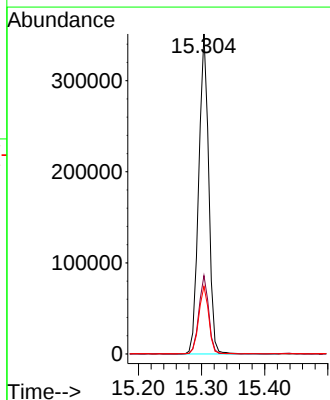
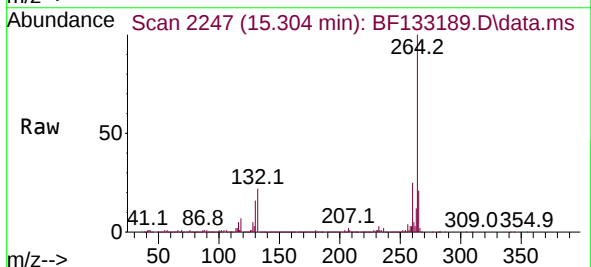
Manual Integrations
APPROVED

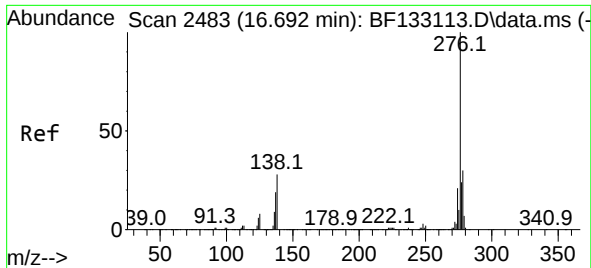
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 2247
Delta R.T. -0.006 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

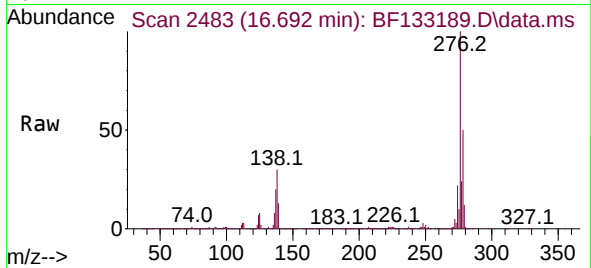
Tgt Ion:264 Resp: 384888
Ion Ratio Lower Upper
264 100
260 24.5 18.8 28.2
265 21.2 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 61.203 ng
RT: 16.692 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

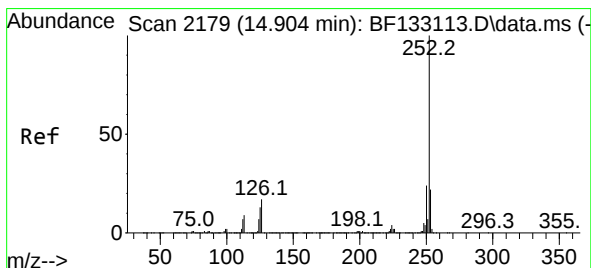
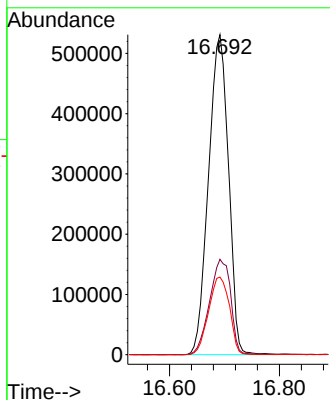
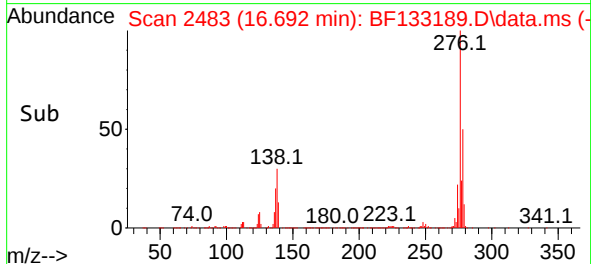
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



Tgt Ion:276 Resp: 133994
Ion Ratio Lower Upper
276 100
138 31.5 25.5 38.3
277 25.3 20.4 30.6

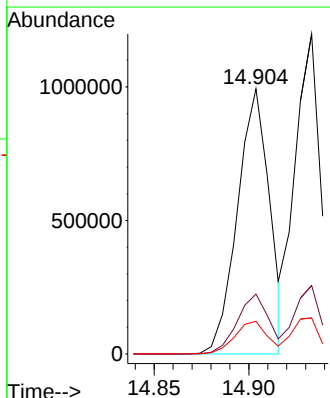
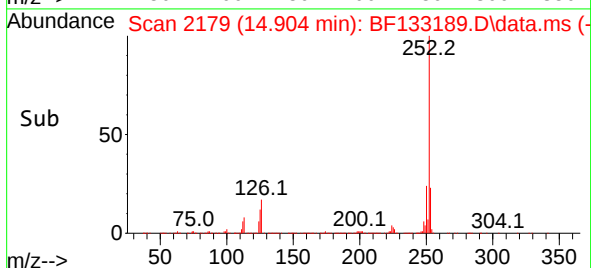
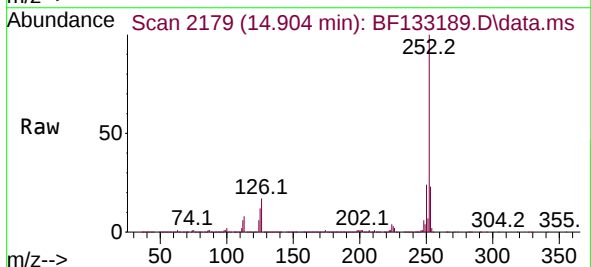
Manual Integrations
APPROVED

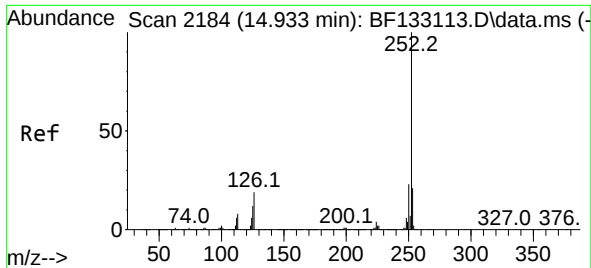
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#88
Benzo(b)fluoranthene
Concen: 47.849 ng
RT: 14.904 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

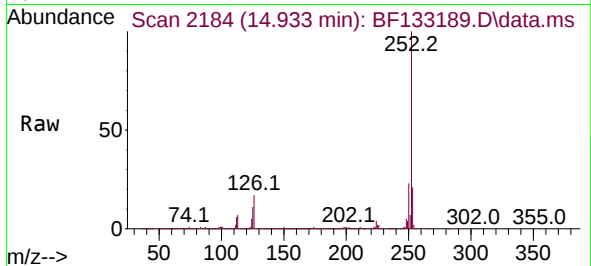
Tgt Ion:252 Resp: 1171632
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 12.3 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 46.632 ng
RT: 14.933 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

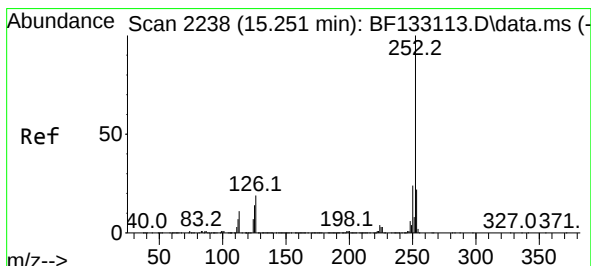
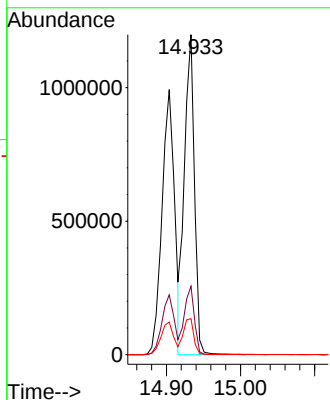
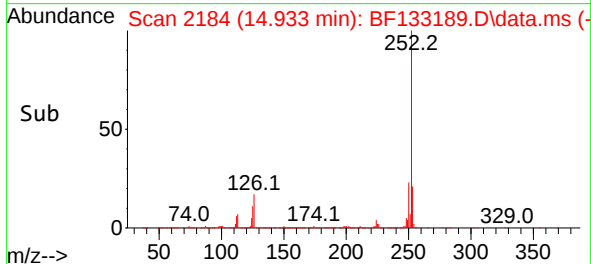
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



Tgt Ion:252 Resp: 1131890
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 11.3 9.0 13.4

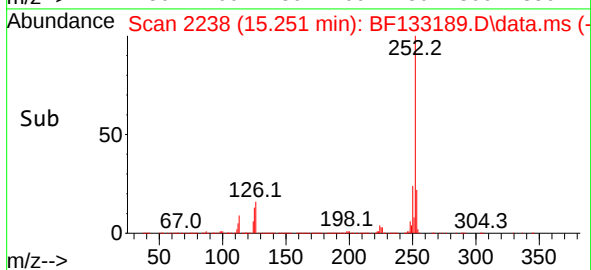
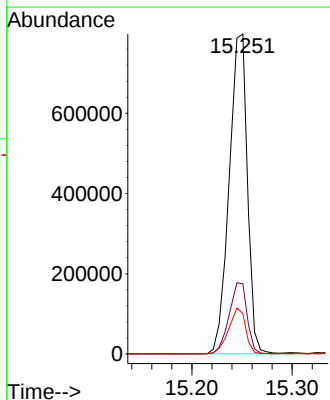
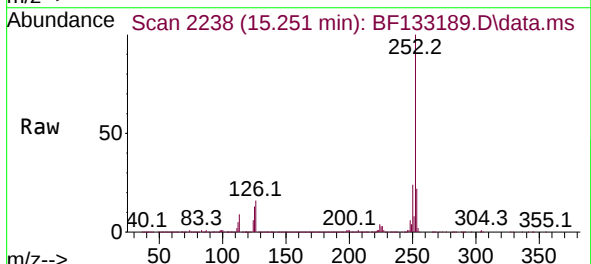
Manual Integrations
APPROVED

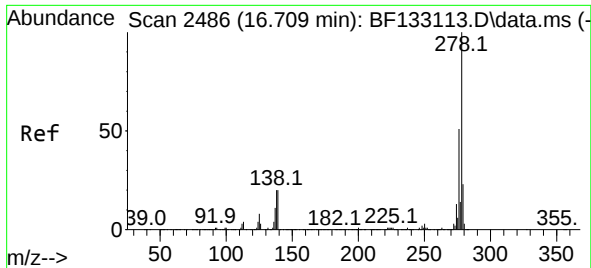
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#90
Benzo(a)pyrene
Concen: 45.226 ng
RT: 15.251 min Scan# 2238
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

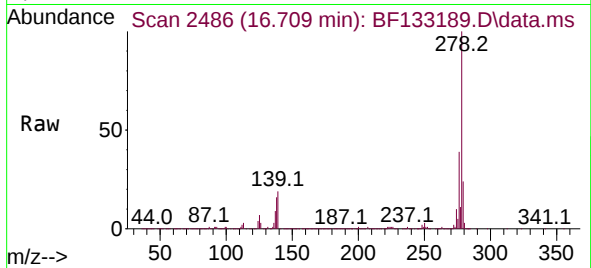
Tgt Ion:252 Resp: 1007974
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 12.6 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 61.182 ng
RT: 16.709 min Scan# 2486
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

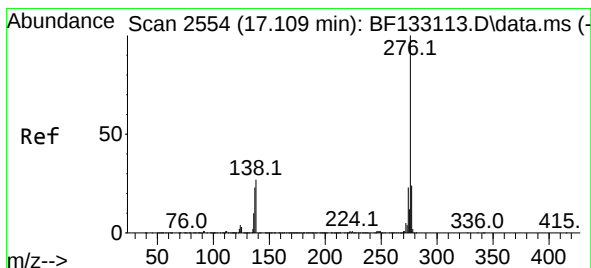
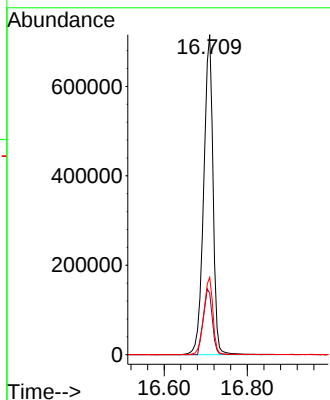
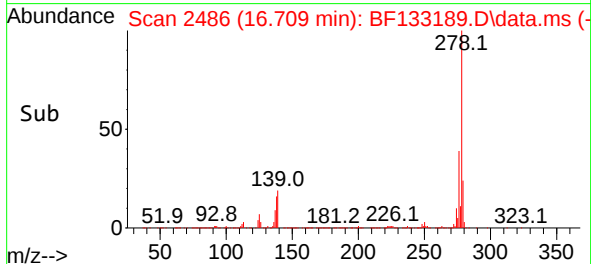
Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD



Tgt Ion:278 Resp: 111719
Ion Ratio Lower Upper
278 100
139 19.2 16.6 24.8
279 24.1 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#92
Benzo(g,h,i)perylene
Concen: 62.384 ng
RT: 17.109 min Scan# 2554
Delta R.T. 0.000 min
Lab File: BF133189.D
Acq: 02 May 2023 15:17

Tgt Ion:276 Resp: 1124608
Ion Ratio Lower Upper
276 100
277 24.2 19.4 29.0
138 26.4 22.7 34.1

