

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133292.D
 Acq On : 08 May 2023 13:42
 Operator : CG\JU
 Sample : PB152610BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152610BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/09/2023
 Supervised By : Jagrut Upadhyay 05/09/2023

Quant Time: May 09 05:03:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	218076	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	930420	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	485102	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	846053	20.000	ng	0.00
76) Chrysene-d12	13.880	240	486521	20.000	ng	0.00
86) Perylene-d12	15.292	264	419362	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1827903	126.619	ng	0.02
7) Phenol-d6	6.375	99	2215211	123.627	ng	0.00
23) Nitrobenzene-d5	7.298	82	1438984	83.480	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	564830	115.776	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2327920	80.284	ng	0.00
79) Terphenyl-d14	12.833	244	2525271	89.518	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.458	88	236803	35.364	ng	98
3) Pyridine	3.146	79	619950	34.859	ng	96
4) n-Nitrosodimethylamine	3.116	42	387933	42.112	ng	99
6) Aniline	6.387	93	792197	34.326	ng	# 36
8) 2-Chlorophenol	6.510	128	698742	47.671	ng	96
9) Benzaldehyde	6.269	77	361992	46.182	ng	99
10) Phenol	6.387	94	805618	40.755	ng	# 62
11) bis(2-Chloroethyl)ether	6.463	93	665574	44.869	ng	97
12) 1,3-Dichlorobenzene	6.663	146	715484	45.912	ng	99
13) 1,4-Dichlorobenzene	6.740	146	724053	46.360	ng	99
14) 1,2-Dichlorobenzene	6.893	146	692243	48.076	ng	97
15) Benzyl Alcohol	6.875	79	581781	47.003	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1045058	40.563	ng	89
17) 2-Methylphenol	6.993	107	561367	41.826	ng	96
18) Hexachloroethane	7.234	117	259357	47.764	ng	92
19) n-Nitroso-di-n-propyla...	7.151	70	454349	40.730	ng	96
20) 3+4-Methylphenols	7.145	107	670148	42.398	ng	# 89
22) Acetophenone	7.140	105	947546	43.964	ng	# 97
24) Nitrobenzene	7.316	77	727460	41.647	ng	99
25) Isophorone	7.551	82	1357842	41.489	ng	99
26) 2-Nitrophenol	7.628	139	392841	46.629	ng	96
27) 2,4-Dimethylphenol	7.675	122	627359	43.427	ng	98
28) bis(2-Chloroethoxy)met...	7.763	93	811749	41.926	ng	99
29) 2,4-Dichlorophenol	7.875	162	573408	43.601	ng	98
30) 1,2,4-Trichlorobenzene	7.951	180	603378	44.286	ng	99
31) Naphthalene	8.034	128	1942854	41.766	ng	100
32) Benzoic acid	7.822	122	434966	48.744	ng	99
33) 4-Chloroaniline	8.081	127	479994	25.538	ng	99
34) Hexachlorobutadiene	8.151	225	320519	42.445	ng	99
35) Caprolactam	8.469	113	207794m	47.034	ng	
36) 4-Chloro-3-methylphenol	8.575	107	622534	43.897	ng	96
37) 2-Methylnaphthalene	8.722	142	1288675	40.520	ng	98
38) 1-Methylnaphthalene	8.822	142	1194949	40.164	ng	100
40) 1,2,4,5-Tetrachloroben...	8.892	216	528146	40.493	ng	99
41) Hexachlorocyclopentadiene	8.881	237	618594	81.322	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	385139	42.698	ng	98

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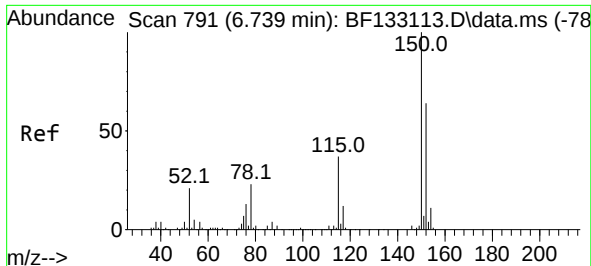
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	411364	39.433	ng	98
46) 1,1'-Biphenyl	9.187	154	1593393	41.423	ng	99
47) 2-Chloronaphthalene	9.210	162	1208011	42.906	ng	98
48) 2-Nitroaniline	9.310	65	390088	41.922	ng	96
49) Acenaphthylene	9.628	152	1834656	40.782	ng	99
50) Dimethylphthalate	9.492	163	1431919	42.333	ng	100
51) 2,6-Dinitrotoluene	9.551	165	332871	43.723	ng	98
52) Acenaphthene	9.798	154	1360589m	45.157	ng	
53) 3-Nitroaniline	9.722	138	289248	31.953	ng	99
54) 2,4-Dinitrophenol	9.834	184	374405	97.839	ng	95
55) Dibenzofuran	9.969	168	1649903	40.143	ng	97
56) 4-Nitrophenol	9.898	139	566502	80.800	ng	92
57) 2,4-Dinitrotoluene	9.957	165	428241	44.108	ng	98
58) Fluorene	10.310	166	1200978	39.884	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	338669	41.875	ng	99
60) Diethylphthalate	10.192	149	1337557	41.864	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	576661	39.298	ng	98
62) 4-Nitroaniline	10.339	138	382635	45.990	ng	98
63) Azobenzene	10.463	77	1346584	39.786	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	249010	48.558	ng	87
66) n-Nitrosodiphenylamine	10.428	169	1132820	41.278	ng	100
67) 4-Bromophenyl-phenylether	10.792	248	379335	41.340	ng	97
68) Hexachlorobenzene	10.863	284	407247	43.313	ng	97
69) Atrazine	10.957	200	377491	47.737	ng	98
70) Pentachlorophenol	11.057	266	467582	69.826	ng	98
71) Phenanthrene	11.269	178	1867970	41.079	ng	99
72) Anthracene	11.322	178	1913233	41.113	ng	99
73) Carbazole	11.480	167	1762572	42.536	ng	99
74) Di-n-butylphthalate	11.810	149	2073531	44.218	ng	100
75) Fluoranthene	12.457	202	1864849	40.863	ng	97
77) Benzidine	12.575	184	716042	87.032	ng	# 93
78) Pyrene	12.680	202	1918336	45.997	ng	99
80) Butylbenzylphthalate	13.304	149	819794	55.515	ng	96
81) Benzo(a)anthracene	13.869	228	1347707	40.282	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	381697	41.298	ng	99
83) Chrysene	13.910	228	1375864	41.134	ng	100
84) Bis(2-ethylhexyl)phtha...	13.869	149	898022	48.449	ng	100
85) Di-n-octyl phthalate	14.474	149	1484607	49.122	ng	97
87) Indeno(1,2,3-cd)pyrene	16.674	276	1238586	51.923	ng	98
88) Benzo(b)fluoranthene	14.892	252	1214645	45.528	ng	99
89) Benzo(k)fluoranthene	14.921	252	1200322	45.386	ng	99
90) Benzo(a)pyrene	15.239	252	1054780	43.436	ng	99
91) Dibenzo(a,h)anthracene	16.692	278	1032930	51.918	ng	99
92) Benzo(g,h,i)perylene	17.092	276	1034060	52.645	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

Instrument :

BNA_F

ClientSampleId :

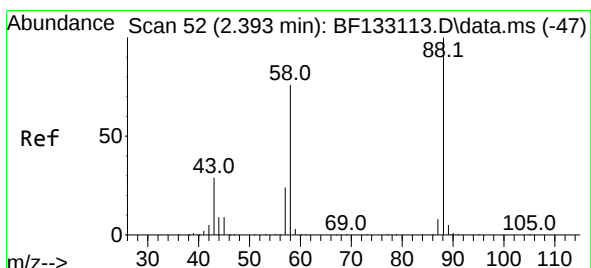
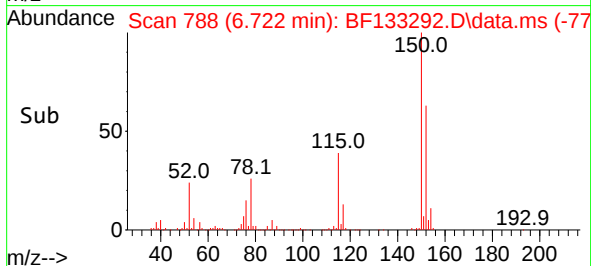
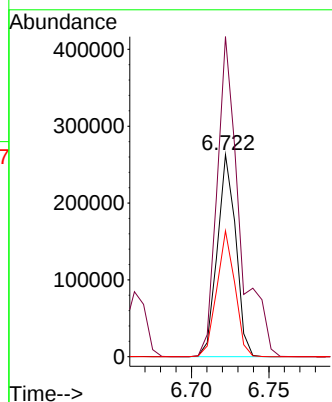
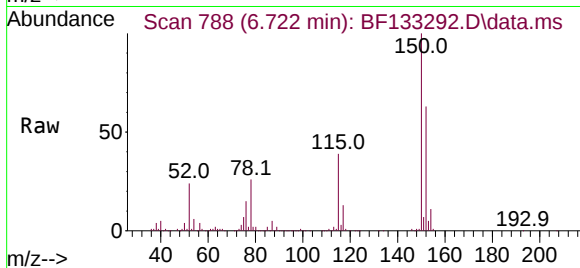
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Tgt Ion:152 Resp: 218070
Ion Ratio Lower Upper
152 100
150 158.4 124.8 187.2
115 62.3 49.9 74.9

Manual Integrations

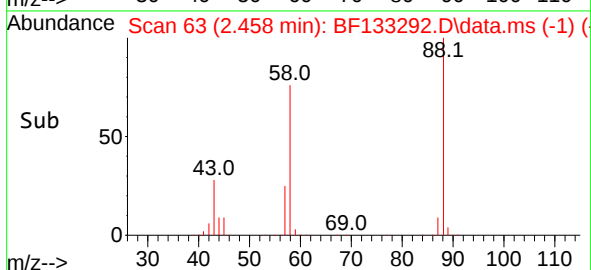
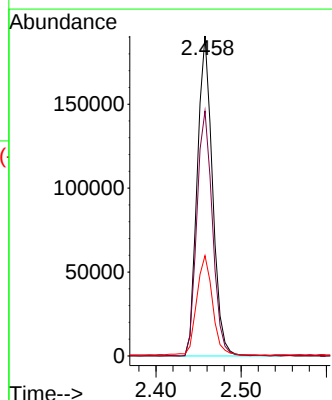
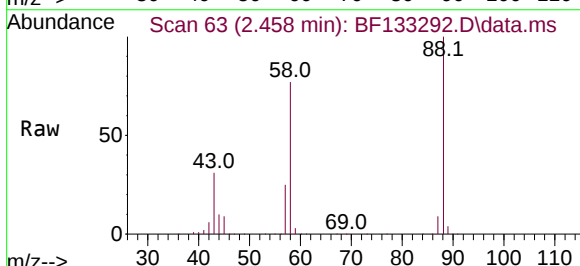
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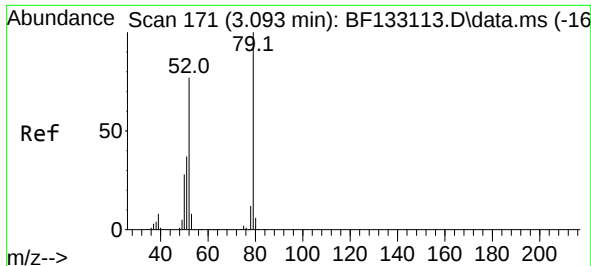
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#2
1,4-Dioxane
Concen: 35.364 ng
RT: 2.458 min Scan# 63
Delta R.T. 0.088 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

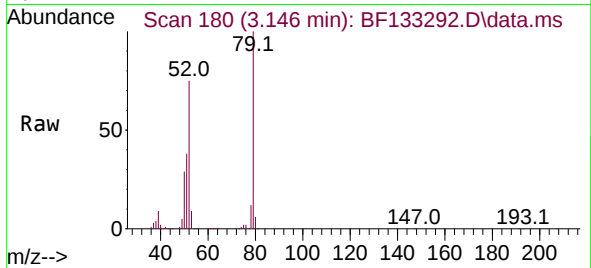
Tgt Ion: 88 Resp: 236803
Ion Ratio Lower Upper
88 100
58 78.5 64.7 97.1
43 31.8 26.2 39.2





#3
Pyridine
Concen: 34.859 ng
RT: 3.146 min Scan# 171
Delta R.T. 0.083 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

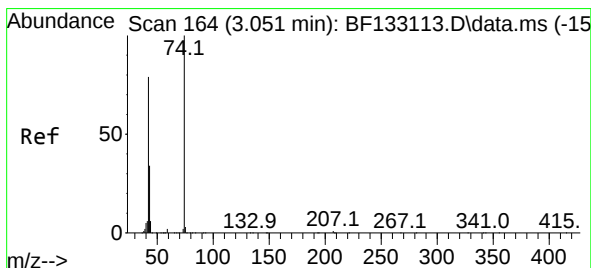
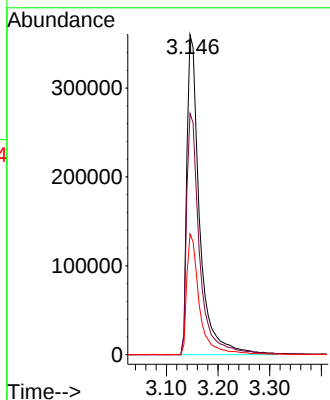
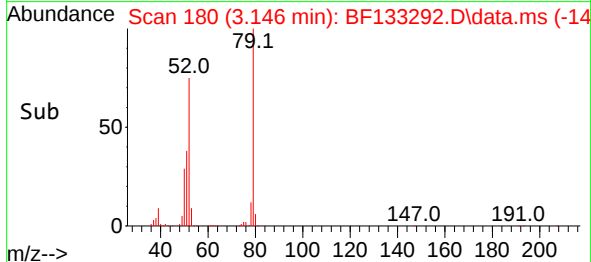
Instrument :
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PB152610BSD



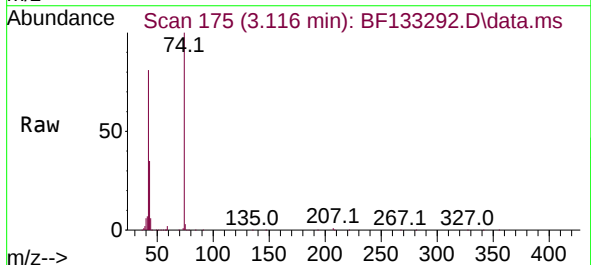
Tgt Ion: 79 Resp: 619950
Ion Ratio Lower Upper
79 100
52 75.3 64.6 96.8
51 37.6 30.0 45.0

Manual Integrations
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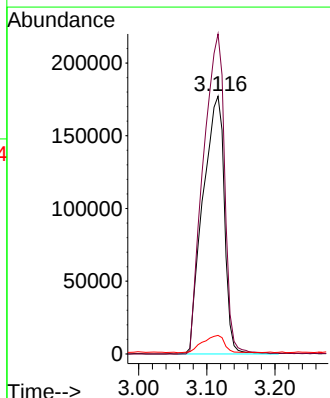
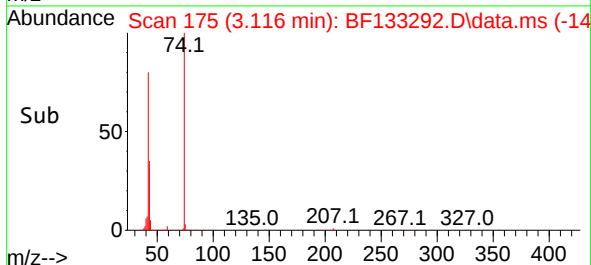
Reviewed By :Christian Giraldo 05/09/2023
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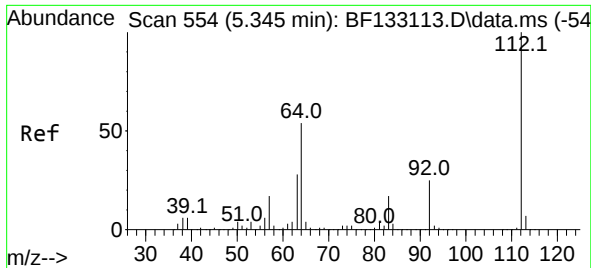


#4
n-Nitrosodimethylamine
Concen: 42.112 ng
RT: 3.116 min Scan# 175
Delta R.T. 0.083 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42



Tgt Ion: 42 Resp: 387933
Ion Ratio Lower Upper
42 100
74 124.2 98.0 147.0
44 7.2 5.8 8.8





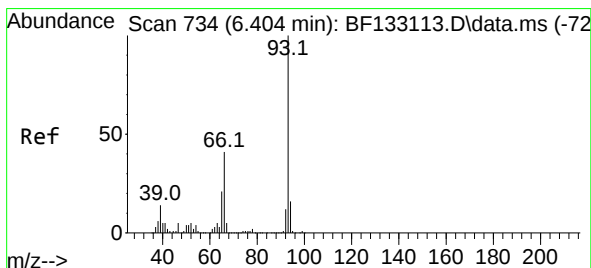
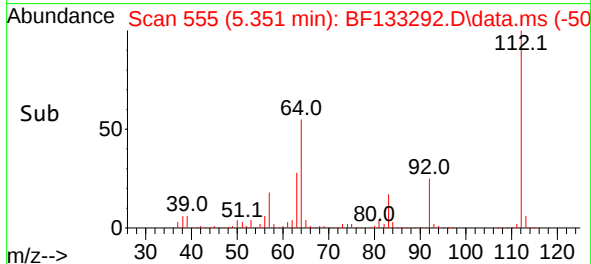
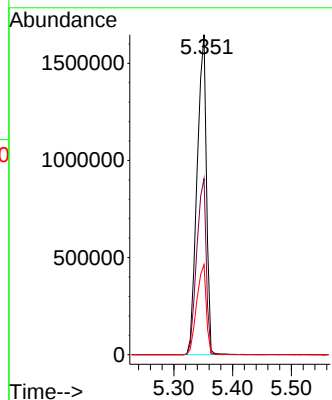
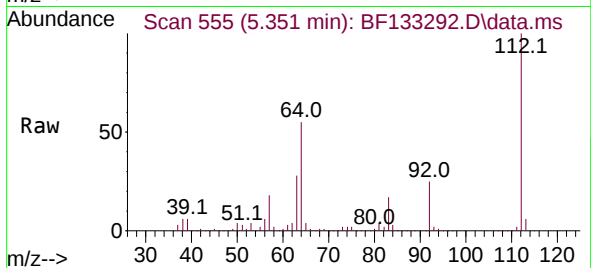
#5
2-Fluorophenol
Concen: 126.619 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.024 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

Instrument :
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ClientSampleId :
PB152610BSD

Tgt Ion:112 Resp: 182790
Ion Ratio Lower Upper
112 100
64 55.0 46.8 70.2
63 28.1 23.8 35.8

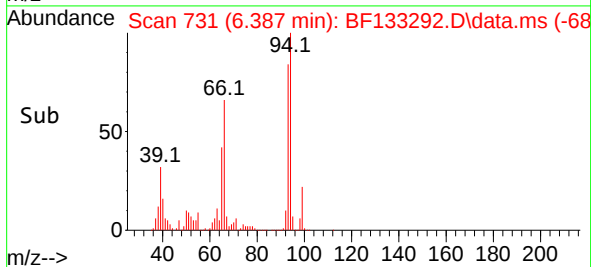
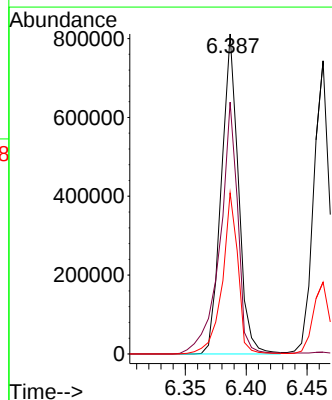
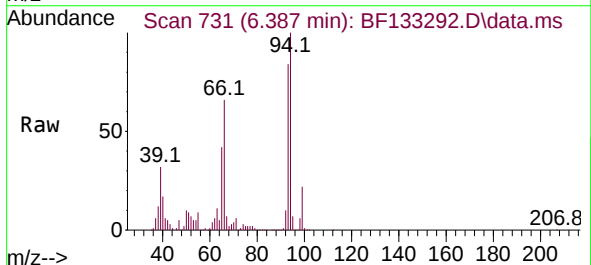
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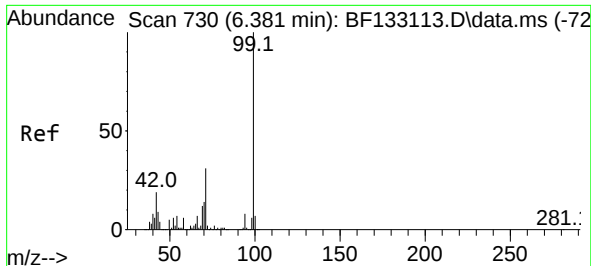
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#6
Aniline
Concen: 34.326 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

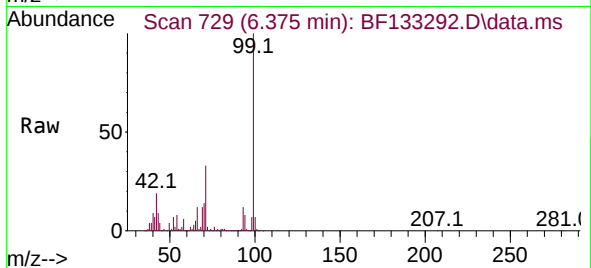
Tgt Ion: 93 Resp: 792197
Ion Ratio Lower Upper
93 100
66 78.7 31.5 47.3#
65 50.3 16.4 24.6#





#7
Phenol-d6
Concen: 123.627 ng
RT: 6.375 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

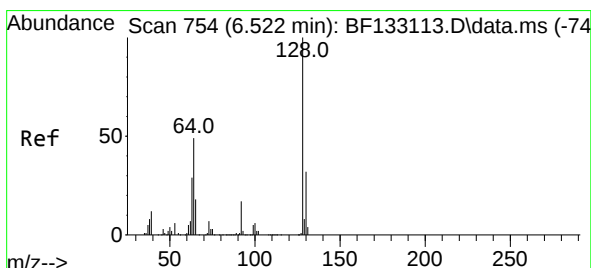
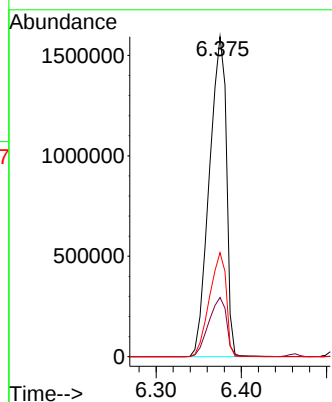
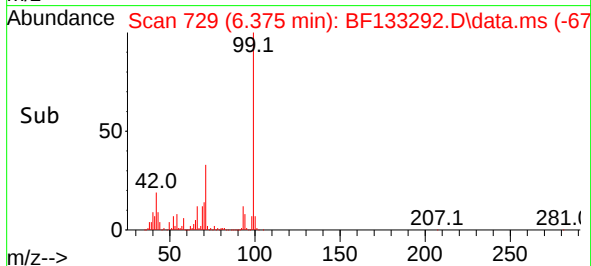
Instrument :
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Tgt Ion: 99 Resp: 221521
Ion Ratio Lower Upper
99 100
42 18.5 16.3 24.5
71 32.5 25.6 38.4

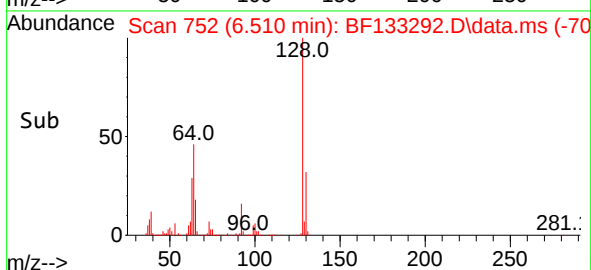
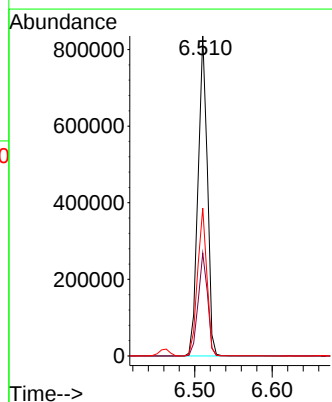
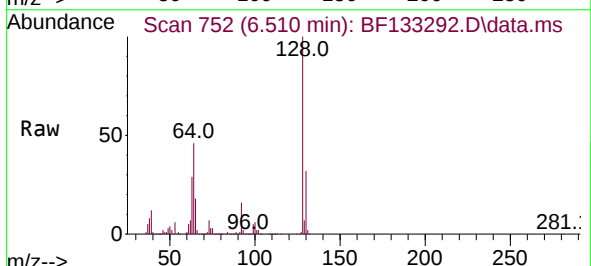
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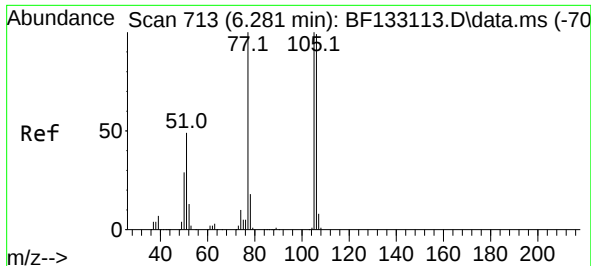
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#8
2-Chlorophenol
Concen: 47.671 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

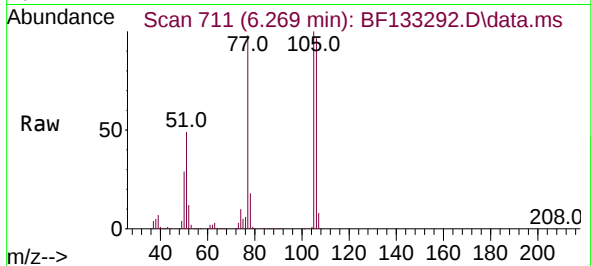
Tgt Ion:128 Resp: 698742
Ion Ratio Lower Upper
128 100
130 32.2 12.2 52.2
64 46.2 30.3 70.3





#9
Benzaldehyde
Concen: 46.182 ng
RT: 6.269 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

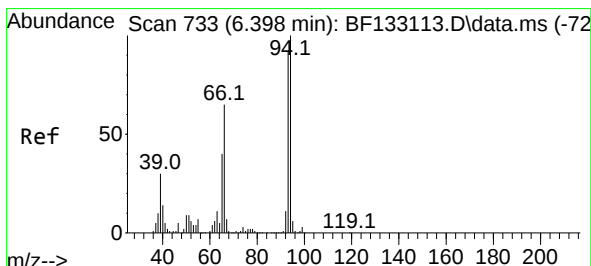
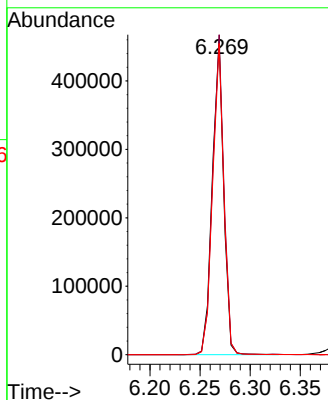
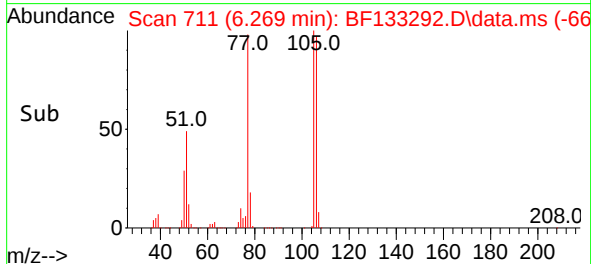
Instrument :
BNA_F
ClientSampleId :
PB152610BSD



Tgt Ion: 77 Resp: 361992
Ion Ratio Lower Upper
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105 101.8 82.3 122.3
106 99.1 80.8 120.8

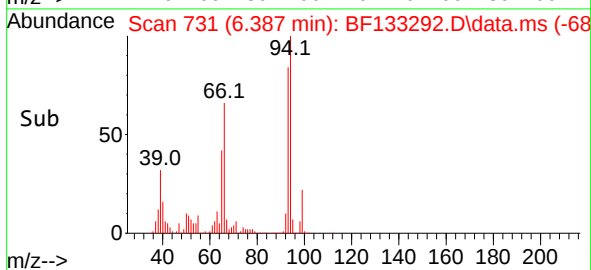
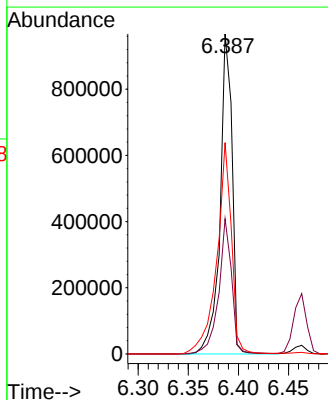
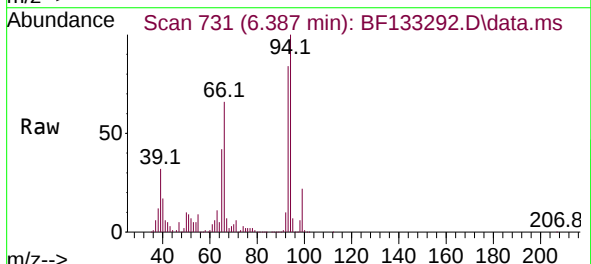
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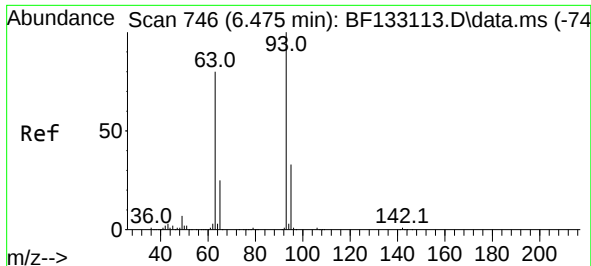
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#10
Phenol
Concen: 40.755 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

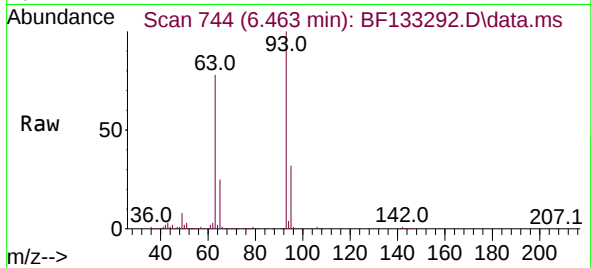
Tgt Ion: 94 Resp: 805618
Ion Ratio Lower Upper
94 100
65 42.3 8.6 48.6
66 66.1 17.3 57.3#





#11
bis(2-Chloroethyl)ether
Concen: 44.869 ng
RT: 6.463 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

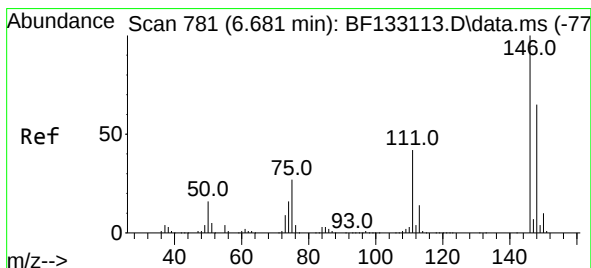
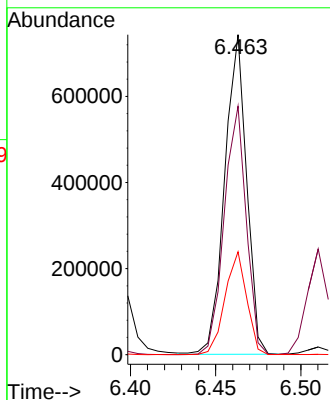
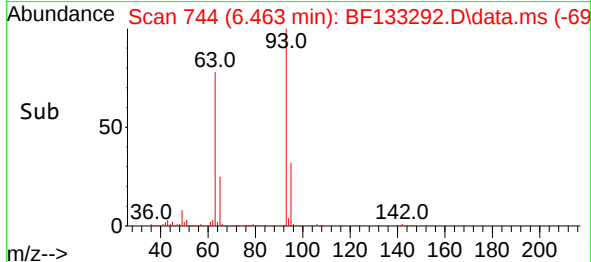
Instrument :
BNA_F
ClientSampleId :
PB152610BSD



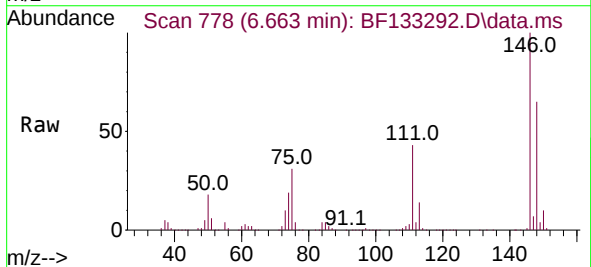
Tgt Ion: 93 Resp: 665574
Ion Ratio Lower Upper
93 100
63 77.6 60.6 100.6
95 32.2 12.9 52.9

Manual Integrations
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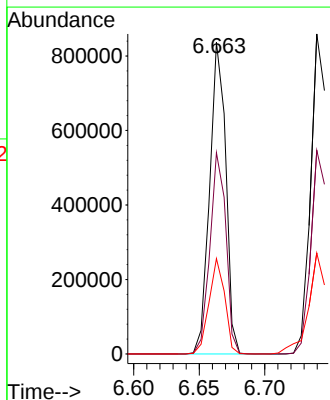
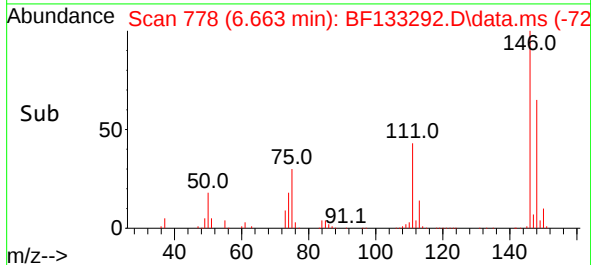
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

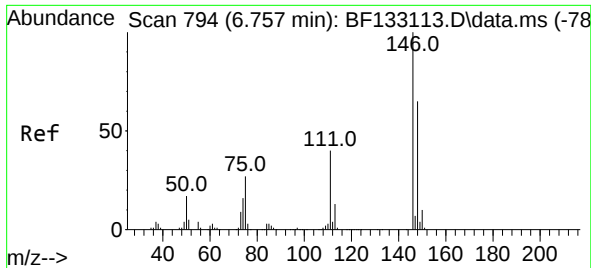


#12
1,3-Dichlorobenzene
Concen: 45.912 ng
RT: 6.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42



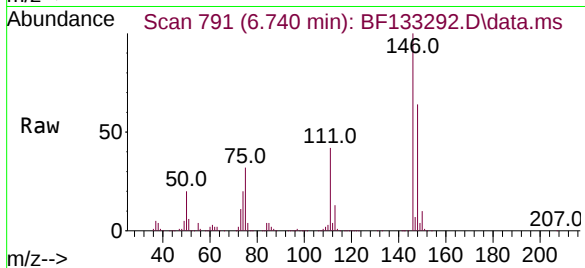
Tgt Ion:146 Resp: 715484
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.4
75 30.6 24.8 37.2





#13
1,4-Dichlorobenzene
Concen: 46.360 ng
RT: 6.740 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

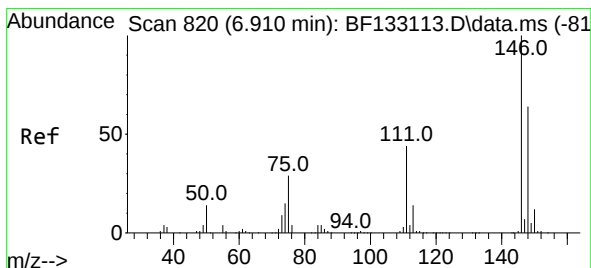
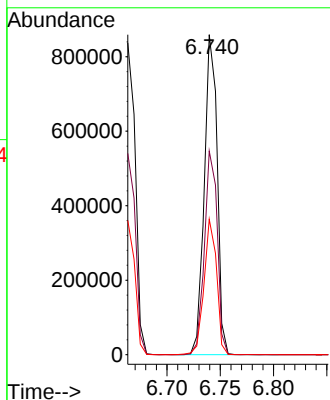
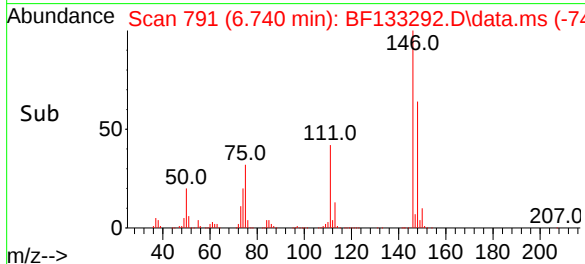
Instrument :
BNA_F
ClientSampleId :
PB152610BSD



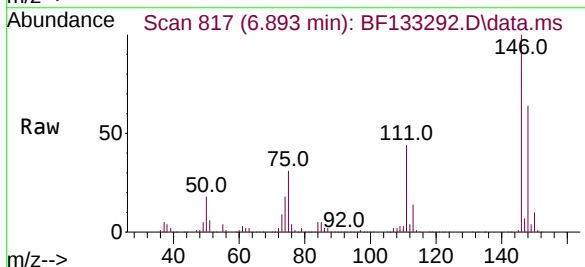
Tgt Ion:146 Resp: 724051
Ion Ratio Lower Upper
146 100
148 63.6 50.3 75.5
111 42.3 33.8 50.6

Manual Integrations
APPROVED

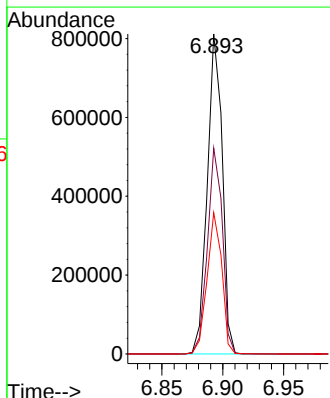
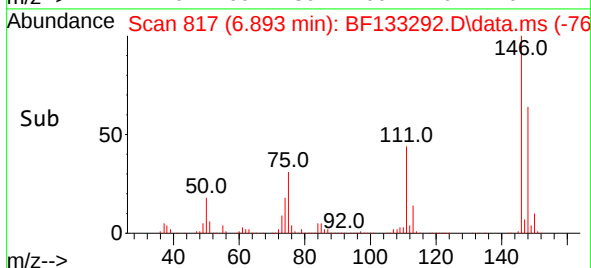
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

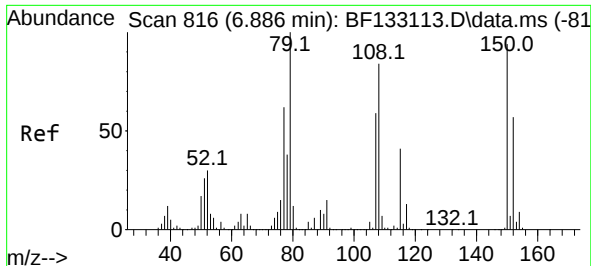


#14
1,2-Dichlorobenzene
Concen: 48.076 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42



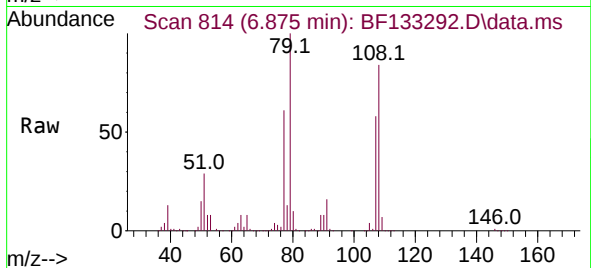
Tgt Ion:146 Resp: 692243
Ion Ratio Lower Upper
146 100
148 64.3 52.2 78.2
111 44.1 32.8 49.2





#15
Benzyl Alcohol
Concen: 47.003 ng
RT: 6.875 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

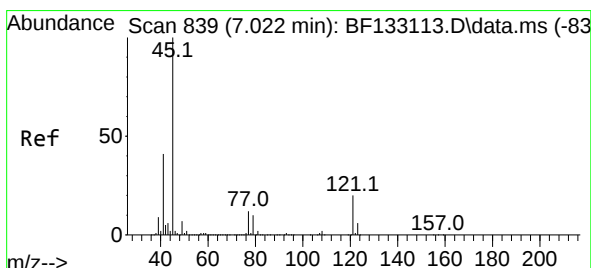
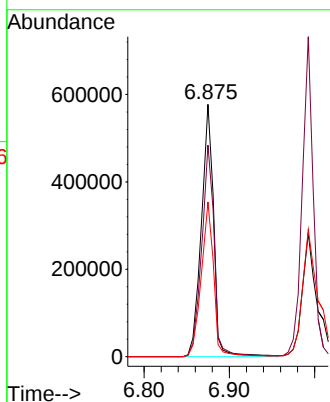
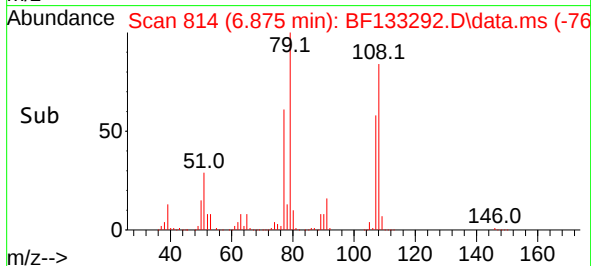
Instrument :
BNA_F
ClientSampleId :
PB152610BSD



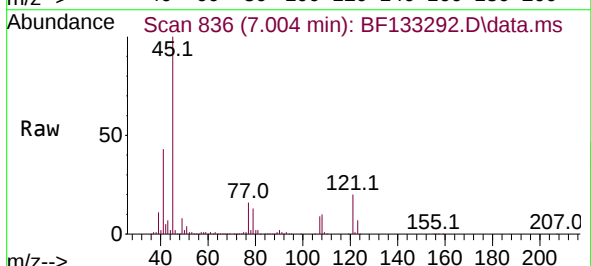
Tgt Ion: 79 Resp: 58178
Ion Ratio Lower Upper
79 100
108 83.8 66.6 99.8
77 61.3 49.2 73.8

Manual Integrations
APPROVED

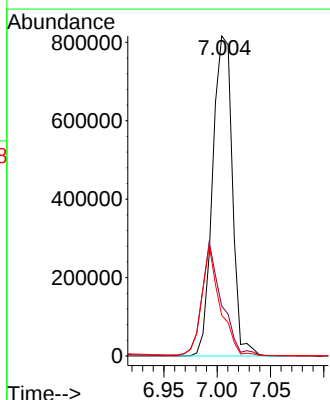
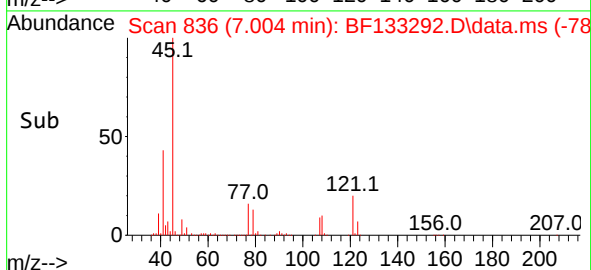
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

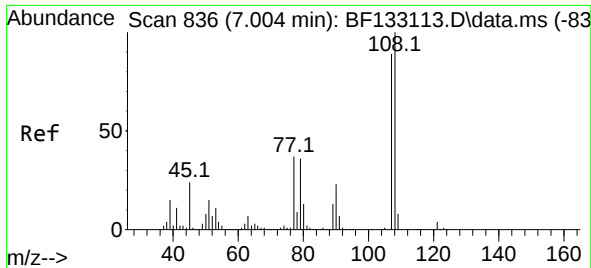


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.563 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42



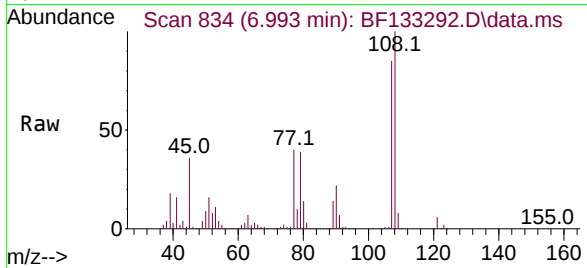
Tgt Ion: 45 Resp: 1045058
Ion Ratio Lower Upper
45 100
77 15.6 0.0 31.5
79 12.7 0.0 28.7





#17
2-Methylphenol
Concen: 41.826 ng
RT: 6.993 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

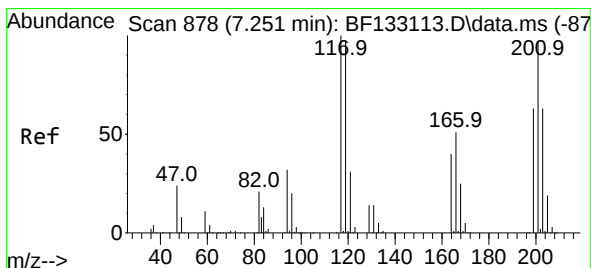
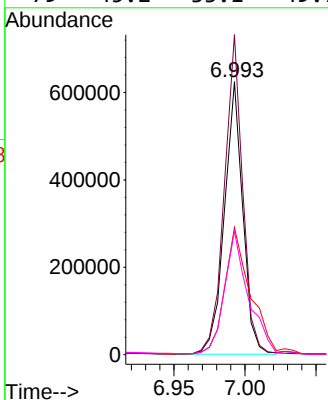
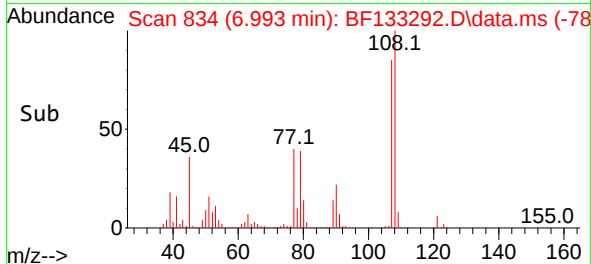
Instrument :
BNA_F
ClientSampleId :
PB152610BSD



Tgt Ion:107 Resp: 56136
Ion Ratio Lower Upper
107 100
108 117.2 92.4 138.6
77 46.6 33.8 50.8
79 45.2 33.1 49.7

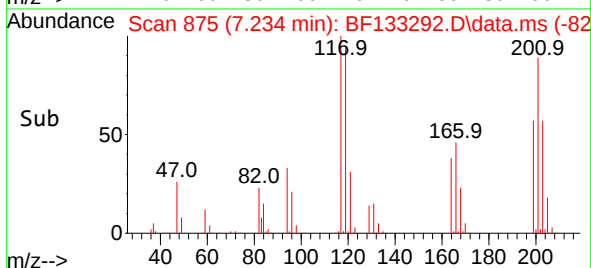
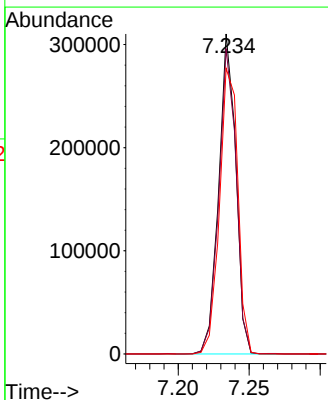
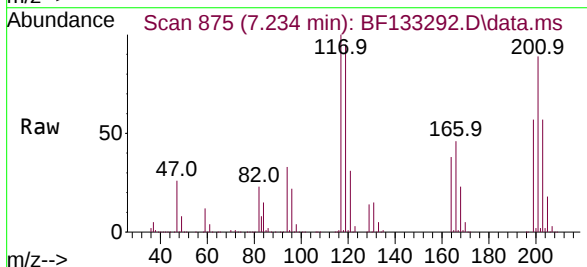
Manual Integrations
APPROVED

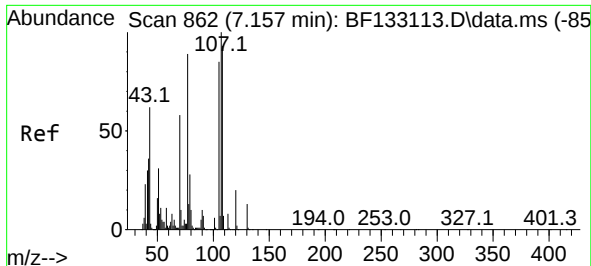
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#18
Hexachloroethane
Concen: 47.764 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

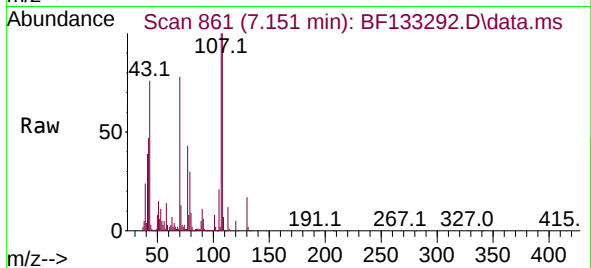
Tgt Ion:117 Resp: 259357
Ion Ratio Lower Upper
117 100
119 95.4 78.2 117.4
201 89.3 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 40.730 ng
RT: 7.151 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

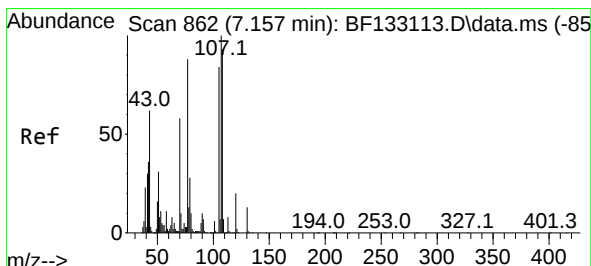
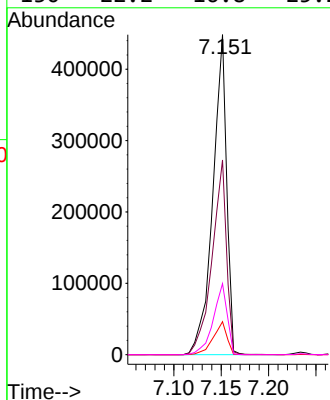
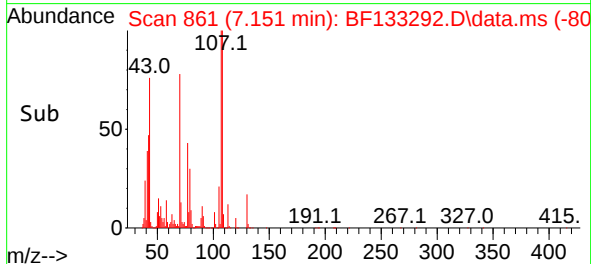
Instrument :
BNA_F
ClientSampleId :
PB152610BSD



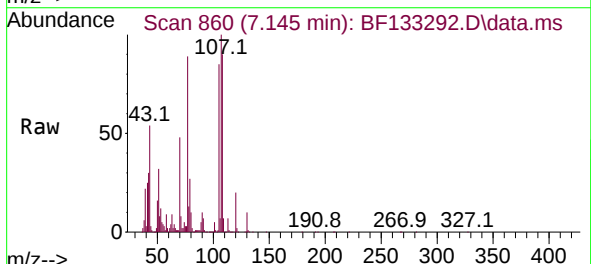
Tgt Ion: 70 Resp: 454349
Ion Ratio Lower Upper
70 100
42 60.8 51.8 77.6
101 10.3 8.0 12.0
130 22.2 16.8 25.2

Manual Integrations
APPROVED

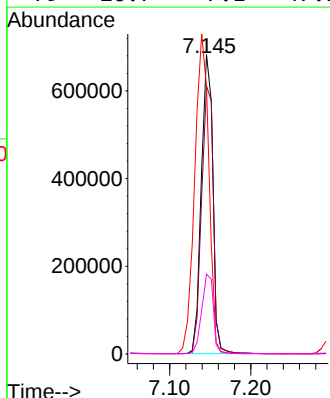
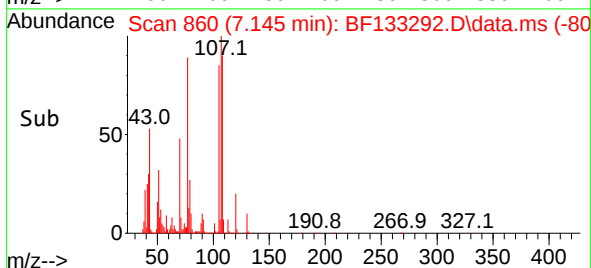
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

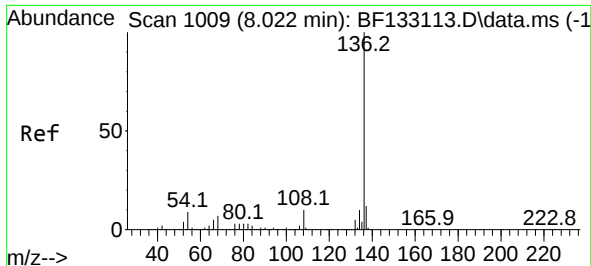


#20
3+4-Methylphenols
Concen: 42.398 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42



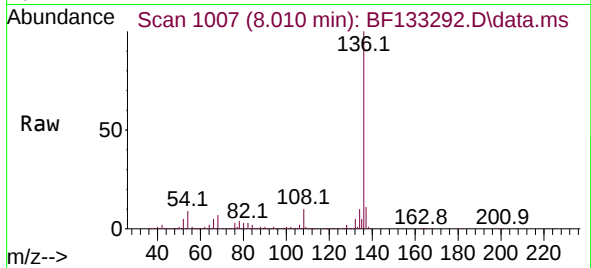
Tgt Ion:107 Resp: 670148
Ion Ratio Lower Upper
107 100
108 89.6 70.5 110.5
77 89.2 91.7 131.7#
79 26.7 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

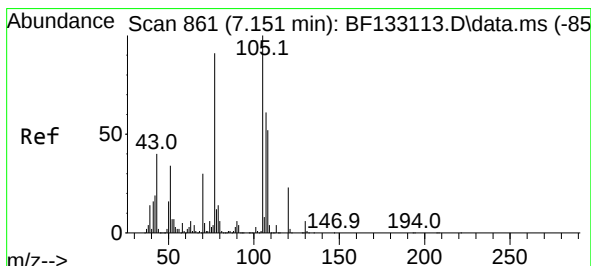
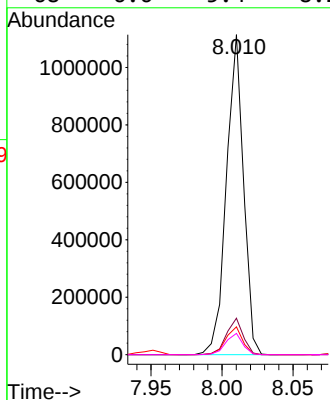
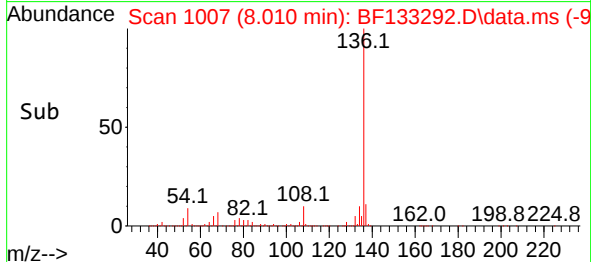
Instrument :
BNA_F
ClientSampleId :
PB152610BSD



Tgt Ion:136 Resp: 930420
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 8.7 7.0 10.4
68 6.6 5.4 8.2

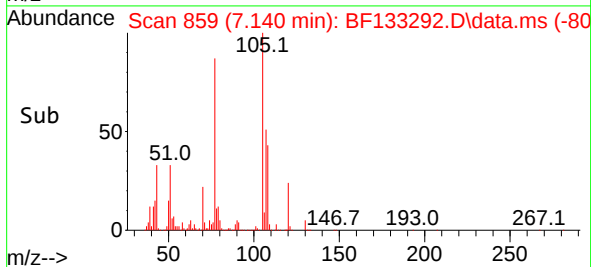
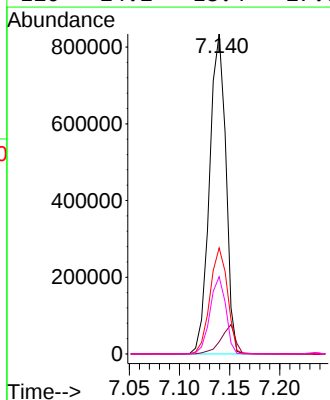
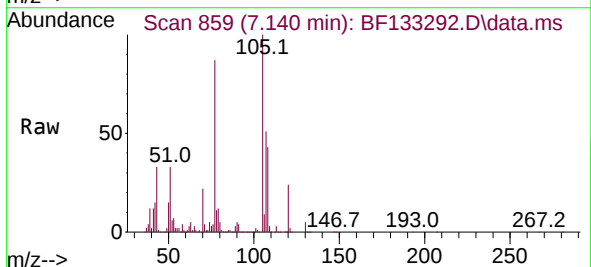
Manual Integrations
APPROVED

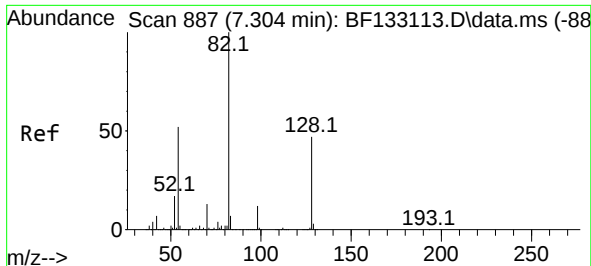
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#22
Acetophenone
Concen: 43.964 ng
RT: 7.140 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

Tgt Ion:105 Resp: 947546
Ion Ratio Lower Upper
105 100
71 3.8 4.6 7.0#
51 33.1 28.2 42.2
120 24.2 18.4 27.6





#23

Nitrobenzene-d5

Concen: 83.480 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.006 min

Lab File: BF133292.D

Acq: 08 May 2023 13:42

Instrument :

BNA_F

ClientSampleId :

PB152610BSD

Tgt Ion: 82 Resp: 1438984

Ion Ratio Lower Upper

82 100

128 49.4 37.7 56.5

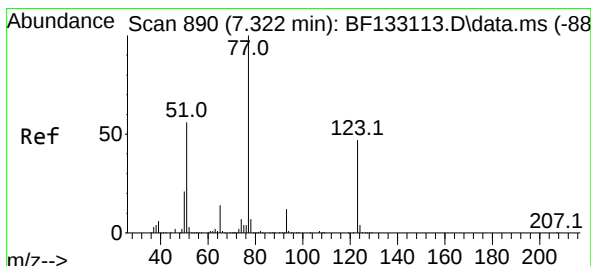
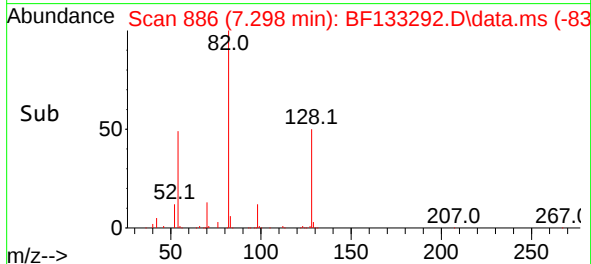
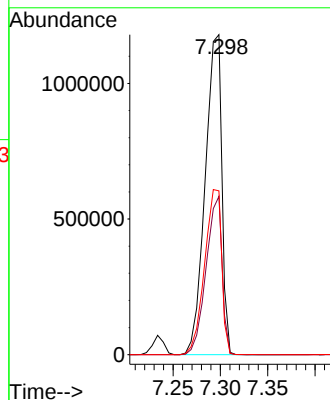
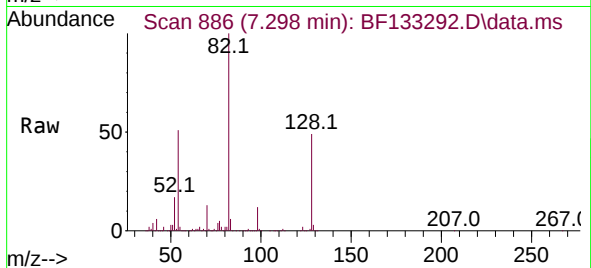
54 51.2 43.0 64.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023



#24

Nitrobenzene

Concen: 41.647 ng

RT: 7.316 min Scan# 889

Delta R.T. 0.000 min

Lab File: BF133292.D

Acq: 08 May 2023 13:42

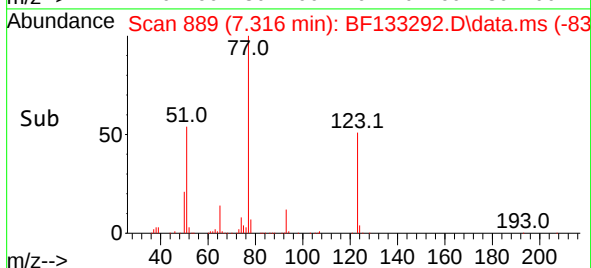
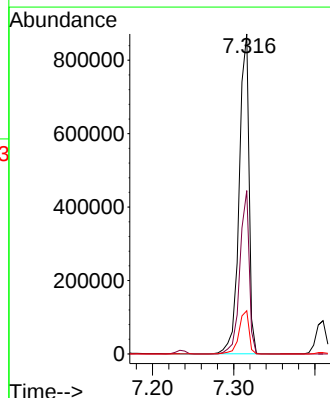
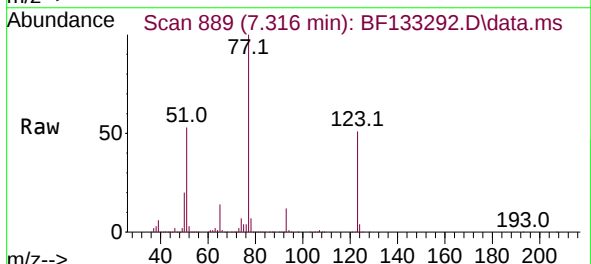
Tgt Ion: 77 Resp: 727460

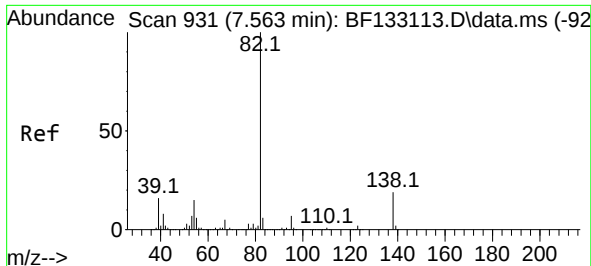
Ion Ratio Lower Upper

77 100

123 51.0 39.9 59.9

65 13.5 10.7 16.1





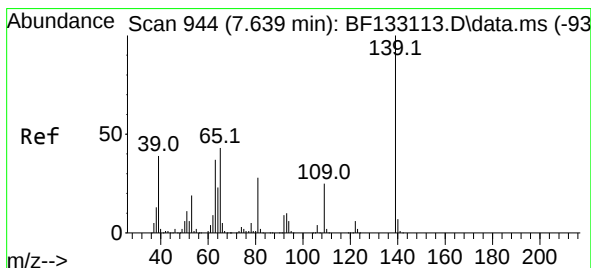
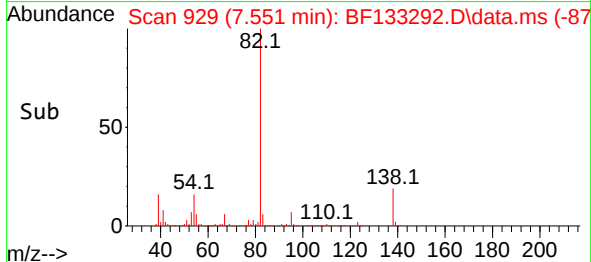
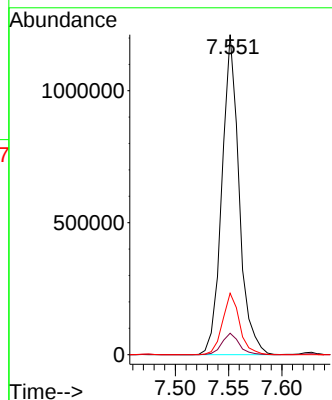
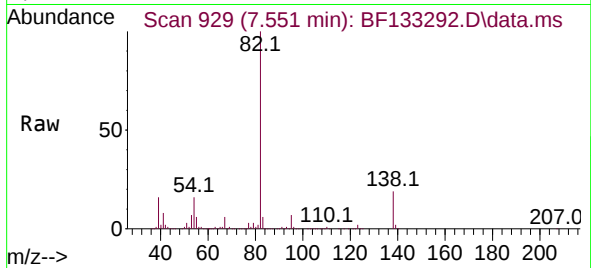
#25
Isophorone
Concen: 41.489 ng
RT: 7.551 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

Instrument :
BNA_F
ClientSampleId :
PB152610BSD

Tgt Ion: 82 Resp: 135784
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 19.2 16.0 24.0

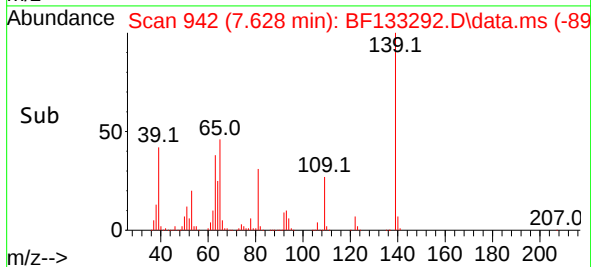
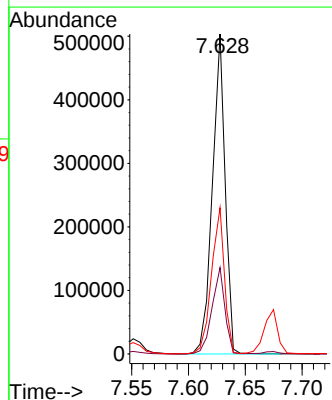
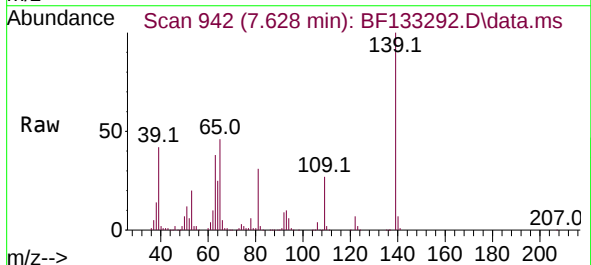
Manual Integrations
APPROVED

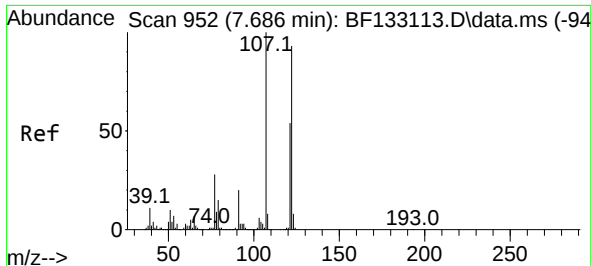
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#26
2-Nitrophenol
Concen: 46.629 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

Tgt Ion:139 Resp: 392841
Ion Ratio Lower Upper
139 100
109 27.0 21.6 32.4
65 45.7 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 43.427 ng

RT: 7.675 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133292.D

Acq: 08 May 2023 13:42

Instrument :

BNA_F

ClientSampleId :

PB152610BSD

Tgt Ion:122 Resp: 62735

Ion Ratio Lower Upper

122 100

107 109.0 89.7 134.5

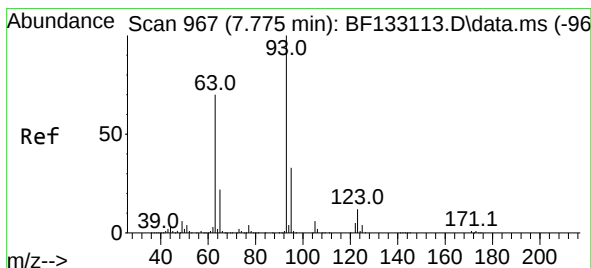
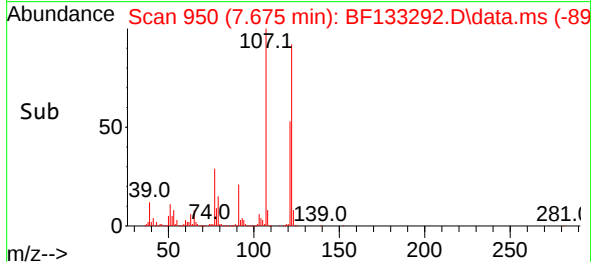
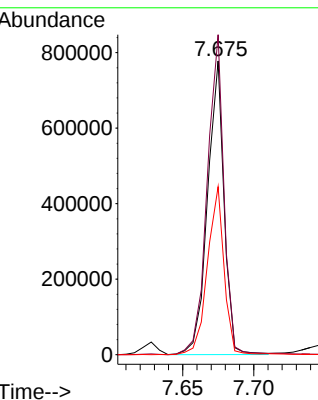
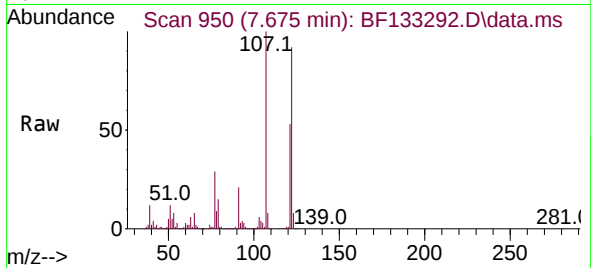
121 57.2 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023



#28

bis(2-Chloroethoxy)methane

Concen: 41.926 ng

RT: 7.763 min Scan# 965

Delta R.T. 0.000 min

Lab File: BF133292.D

Acq: 08 May 2023 13:42

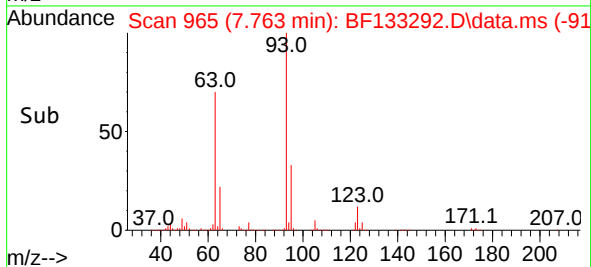
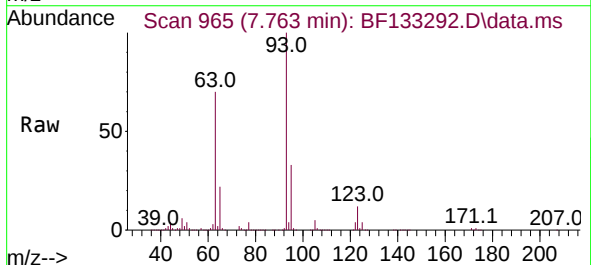
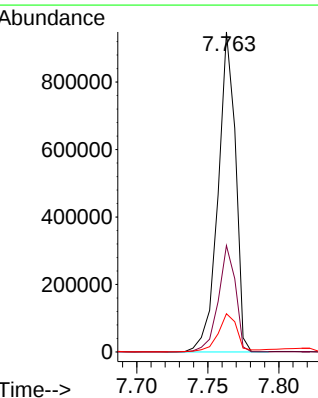
Tgt Ion: 93 Resp: 811749

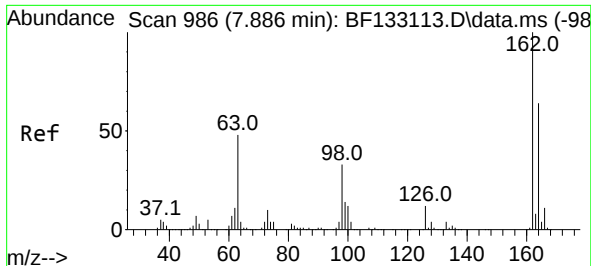
Ion Ratio Lower Upper

93 100

95 33.3 26.4 39.6

123 12.0 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 43.601 ng

RT: 7.875 min Scan# 984

Delta R.T. 0.000 min

Lab File: BF133292.D

Acq: 08 May 2023 13:42

Instrument :

BNA_F

ClientSampleId :

PB152610BSD

Tgt Ion:162 Resp: 573408

Ion Ratio Lower Upper

162 100

164 64.6 43.9 83.9

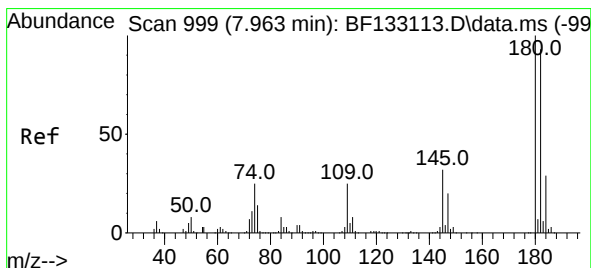
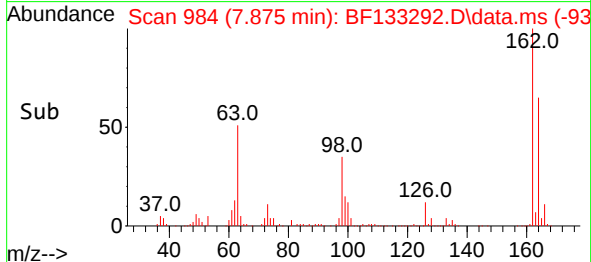
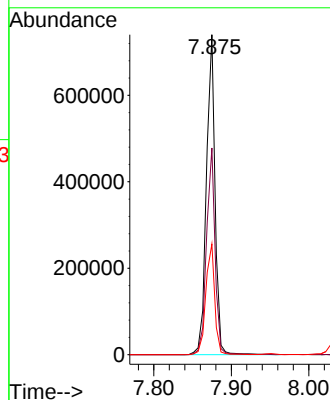
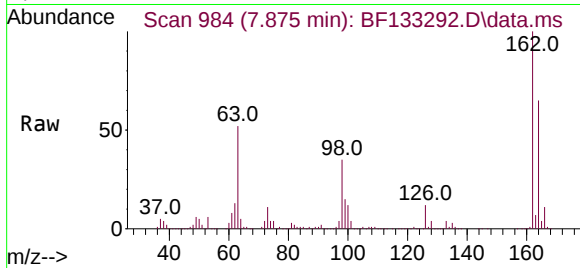
98 34.6 17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.286 ng

RT: 7.951 min Scan# 997

Delta R.T. 0.000 min

Lab File: BF133292.D

Acq: 08 May 2023 13:42

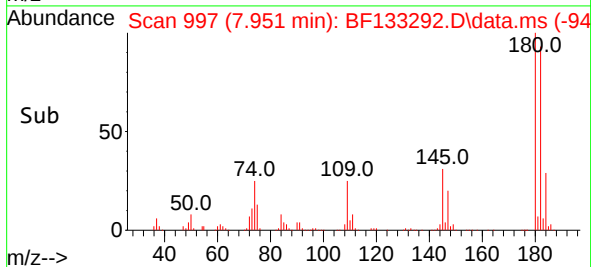
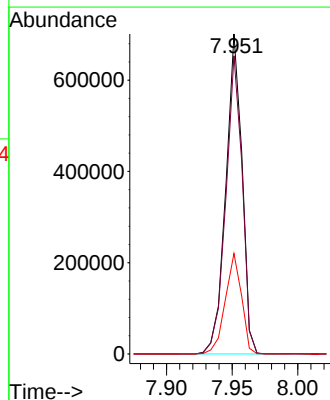
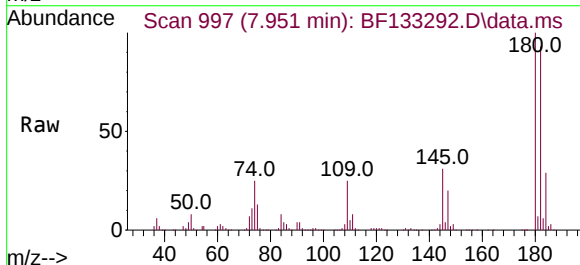
Tgt Ion:180 Resp: 603378

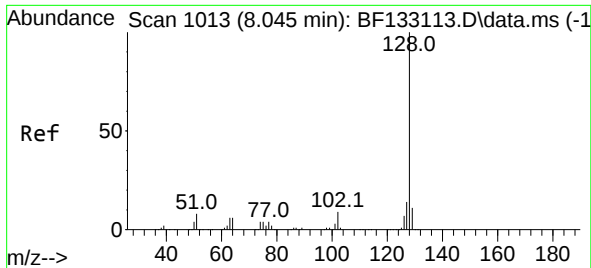
Ion Ratio Lower Upper

180 100

182 93.2 75.9 113.9

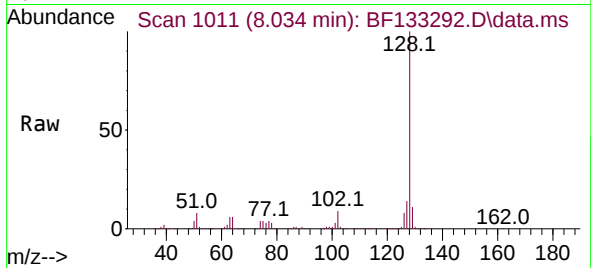
145 31.4 25.3 37.9





#31
Naphthalene
Concen: 41.766 ng
RT: 8.034 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

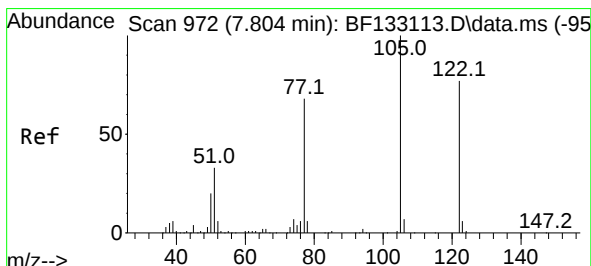
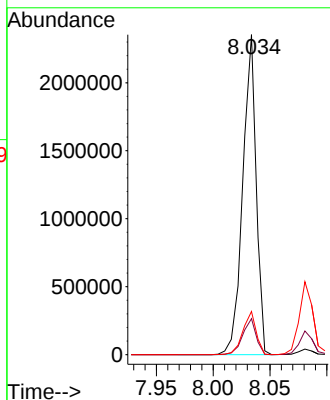
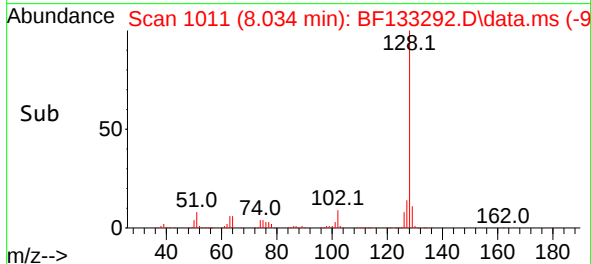
Instrument :
BNA_F
ClientSampleId :
PB152610BSD



Tgt Ion:128 Resp: 1942854
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.7 16.1

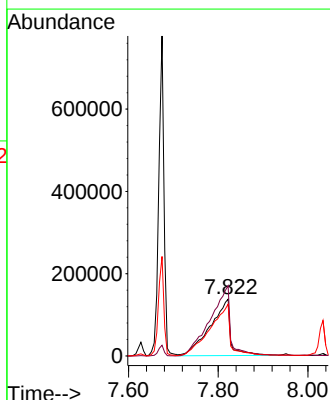
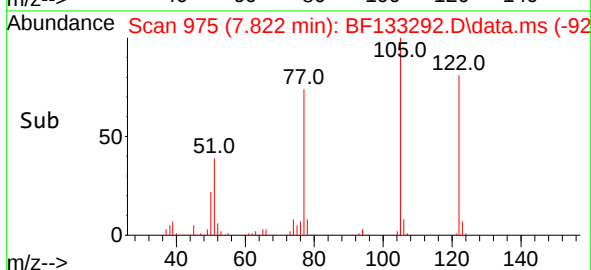
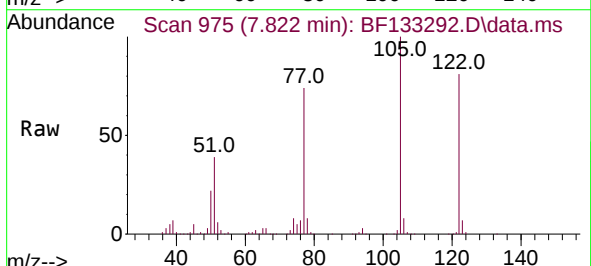
Manual Integrations
APPROVED

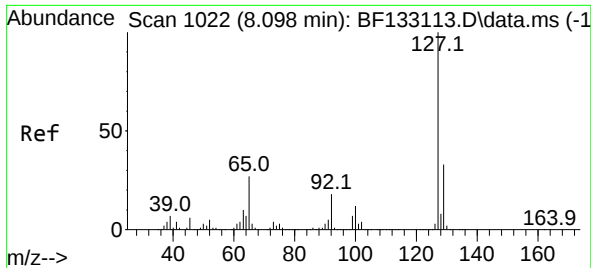
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#32
Benzoic acid
Concen: 48.744 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.018 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

Tgt Ion:122 Resp: 434966
Ion Ratio Lower Upper
122 100
105 123.9 104.2 144.2
77 91.5 69.7 109.7





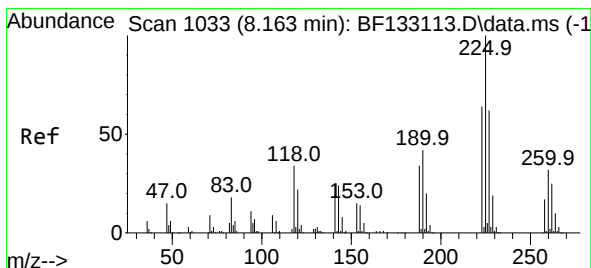
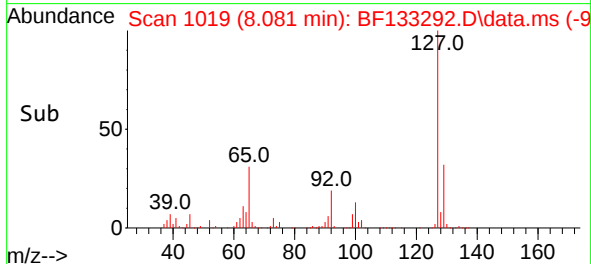
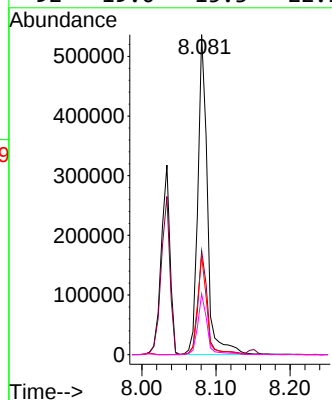
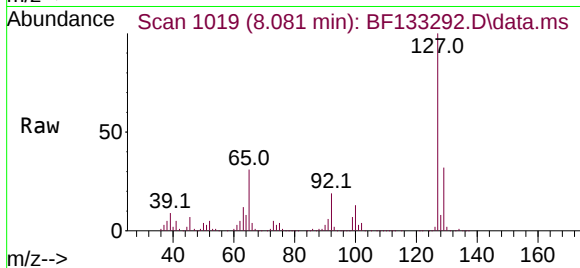
#33
4-Chloroaniline
Concen: 25.538 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

Instrument :
BNA_F
ClientSampleId :
PB152610BSD

Tgt Ion:	127	Resp:	479994
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.8	38.8
65	31.1	23.6	35.4
92	19.0	15.3	22.9

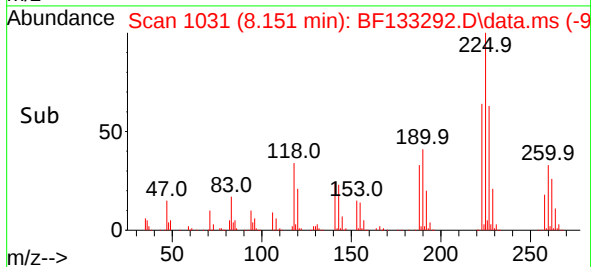
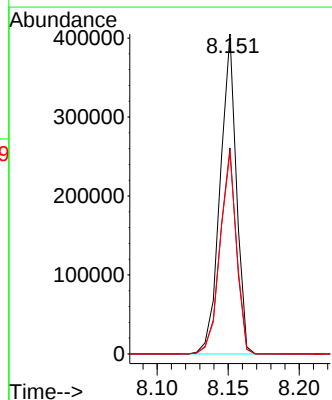
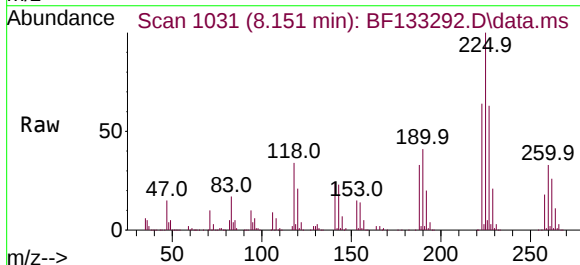
Manual Integrations
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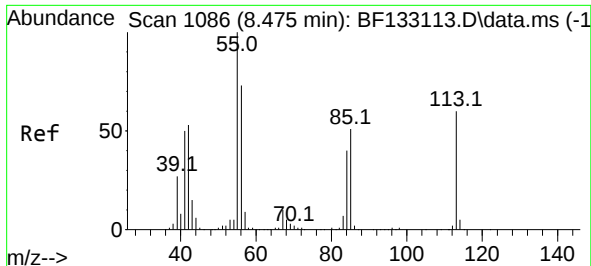
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#34
Hexachlorobutadiene
Concen: 42.445 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

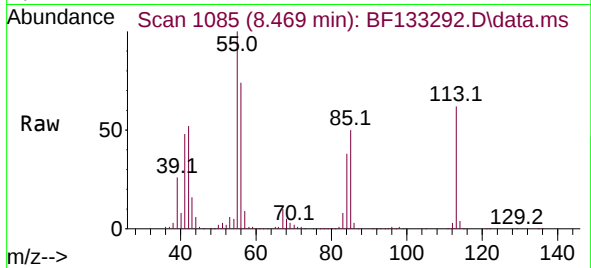
Tgt Ion:	225	Resp:	320519
Ion Ratio	Lower	Upper	
225	100		
223	64.4	50.9	76.3
227	62.9	50.3	75.5





#35
 Caprolactam
 Concen: 47.034 ng m
 RT: 8.469 min Scan# 1085
 Delta R.T. 0.006 min
 Lab File: BF133292.D
 Acq: 08 May 2023 13:42

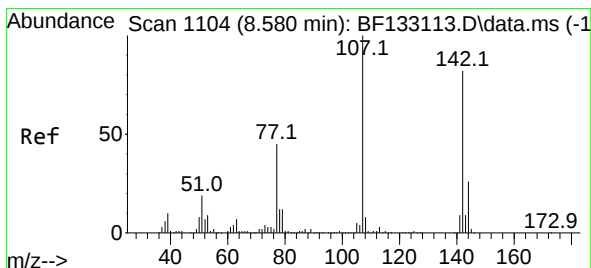
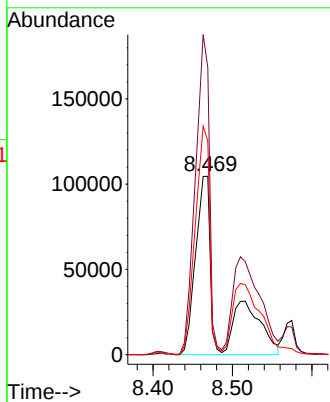
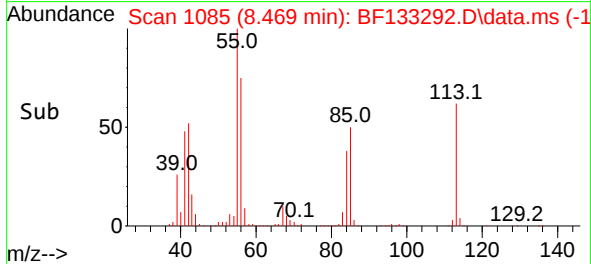
Instrument :
 BNA_F
 ClientSampleId :
 PB152610BSD



Tgt Ion:113 Resp: 207794
 Ion Ratio Lower Upper
 113 100
 55 160.9 167.1 207.1
 56 119.8 114.5 154.5

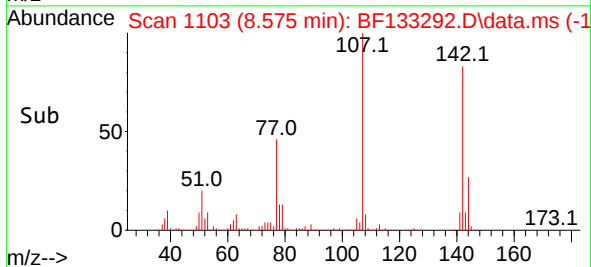
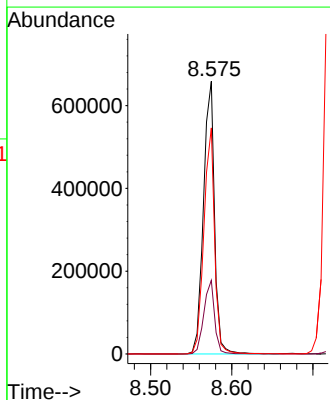
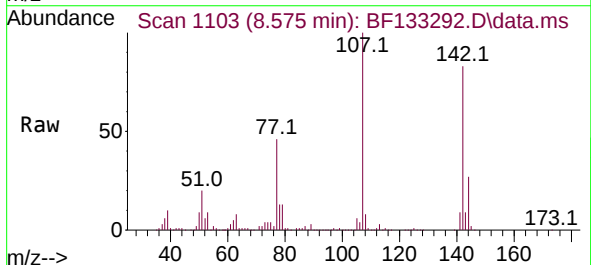
Manual Integrations
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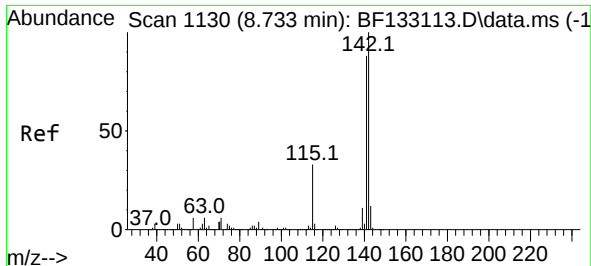
Reviewed By :Christian Giraldo 05/09/2023
 Supervised By :Jagrut Upadhyay 05/09/2023



#36
 4-Chloro-3-methylphenol
 Concen: 43.897 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF133292.D
 Acq: 08 May 2023 13:42

Tgt Ion:107 Resp: 622534
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.6 30.8
 142 82.9 62.8 94.2





#37

2-Methylnaphthalene

Concen: 40.520 ng

RT: 8.722 min Scan# 1128

Delta R.T. 0.000 min

Lab File: BF133292.D

Acq: 08 May 2023 13:42

Instrument :

BNA_F

ClientSampleId :

PB152610BSD

Tgt Ion:142 Resp: 128867

Ion Ratio Lower Upper

142 100

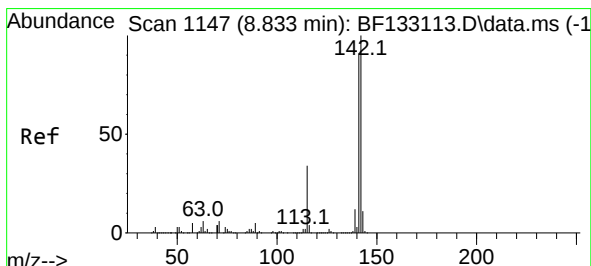
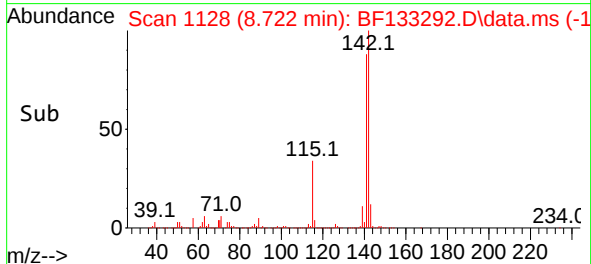
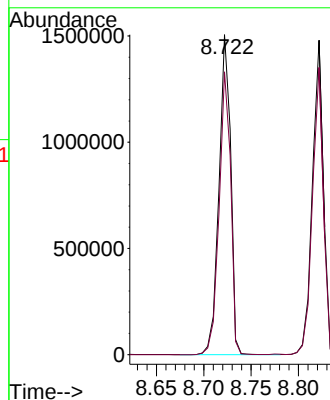
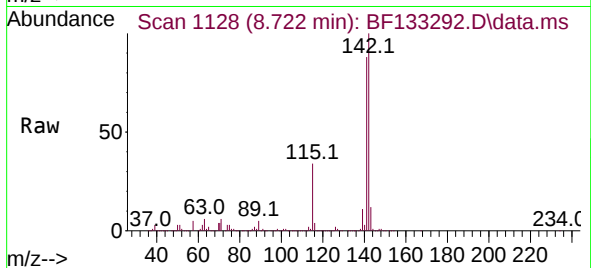
141 88.4 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023



#38

1-Methylnaphthalene

Concen: 40.164 ng

RT: 8.822 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF133292.D

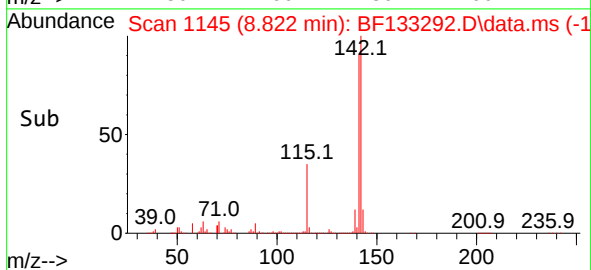
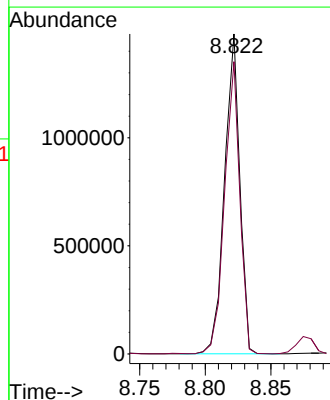
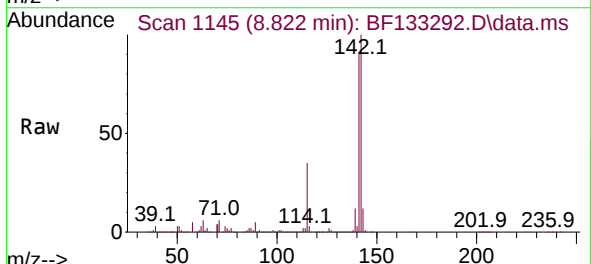
Acq: 08 May 2023 13:42

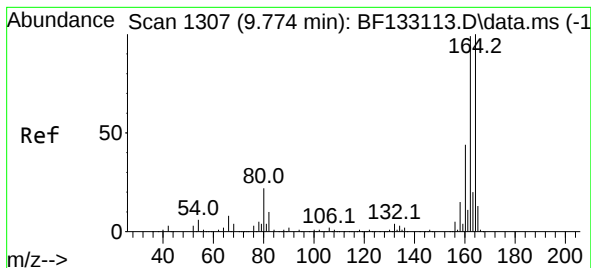
Tgt Ion:142 Resp: 1194949

Ion Ratio Lower Upper

142 100

141 91.4 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF133292.D

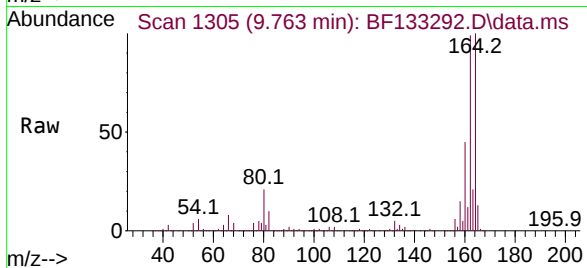
Acq: 08 May 2023 13:42

Instrument :

BNA_F

ClientSampleId :

PB152610BSD



Tgt Ion:164 Resp: 48510

Ion Ratio Lower Upper

164 100

162 99.4 78.7 118.1

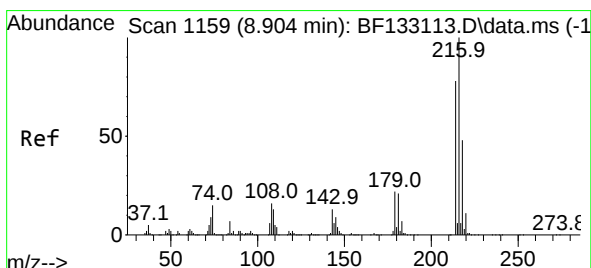
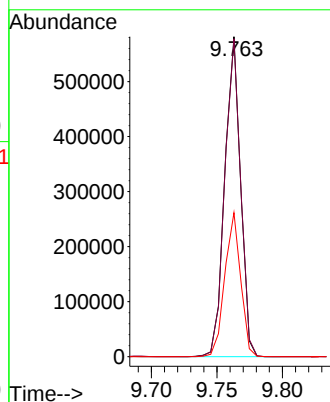
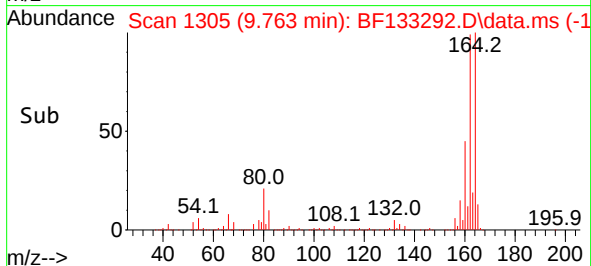
160 45.0 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.493 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF133292.D

Acq: 08 May 2023 13:42

Tgt Ion:216 Resp: 528146

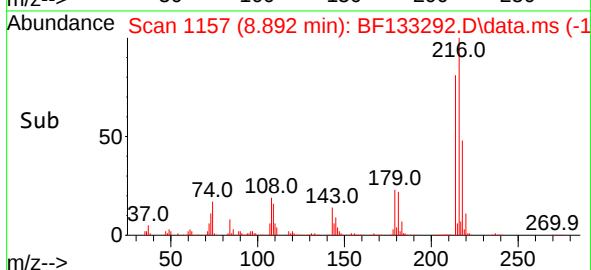
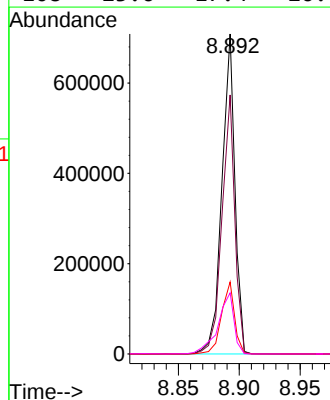
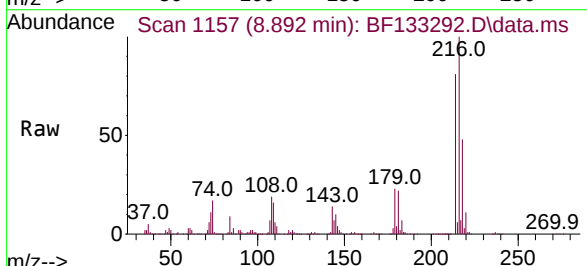
Ion Ratio Lower Upper

216 100

214 80.0 63.5 95.3

179 22.5 17.4 26.2

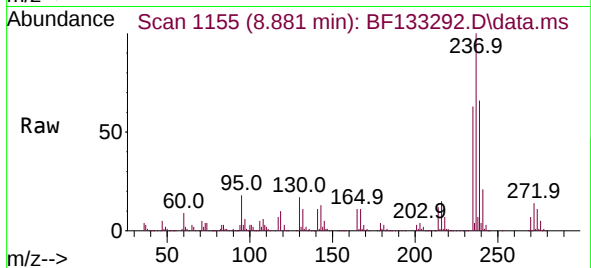
108 23.6 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 81.322 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

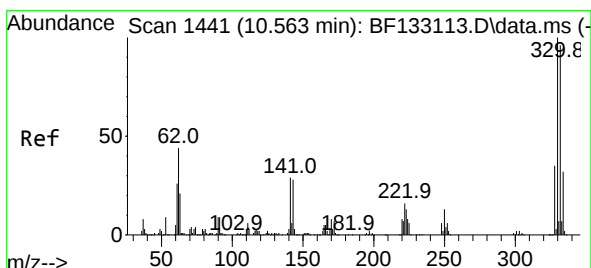
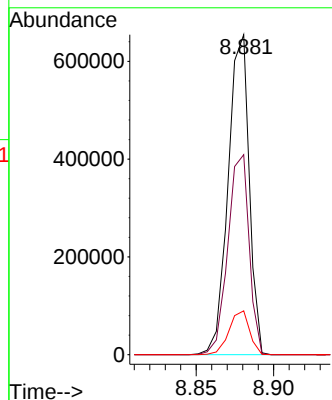
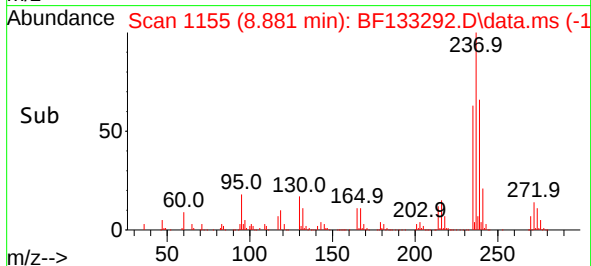
Instrument :
BNA_F
ClientSampleId :
PB152610BSD



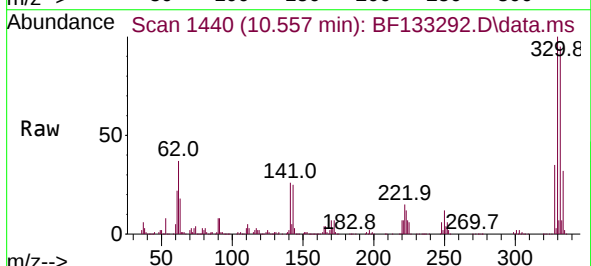
Tgt Ion:237 Resp: 618594
Ion Ratio Lower Upper
237 100
235 62.5 43.5 83.5
272 13.7 0.0 32.7

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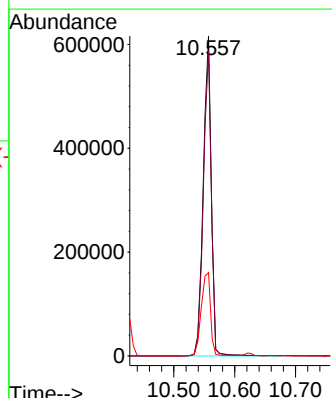
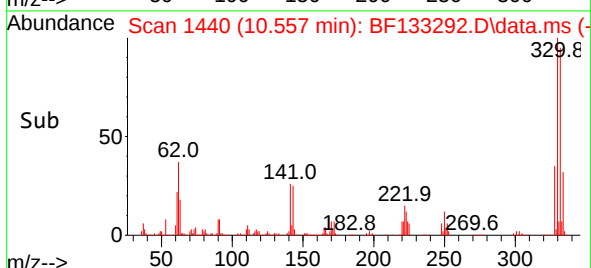
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

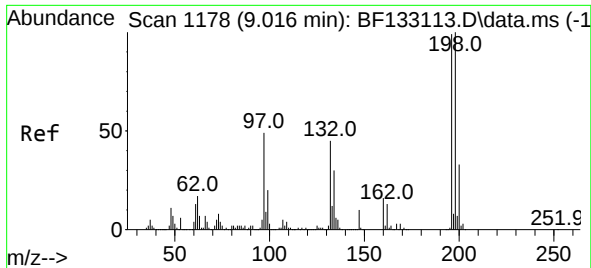


#42
2,4,6-Tribromophenol
Concen: 115.776 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42



Tgt Ion:330 Resp: 564830
Ion Ratio Lower Upper
330 100
332 95.1 77.1 115.7
141 30.4 25.8 38.8





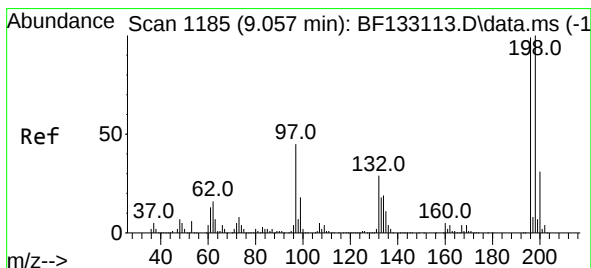
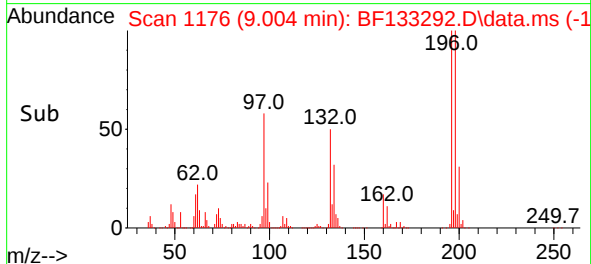
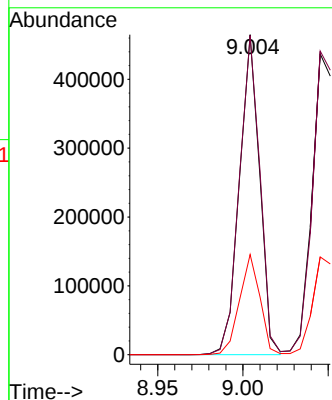
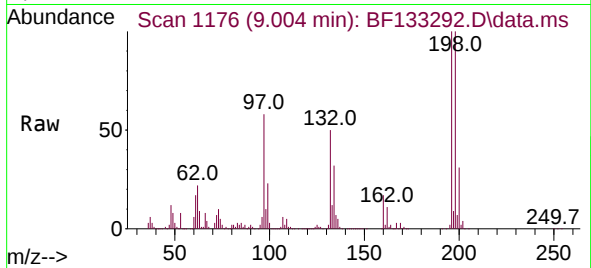
#43
2,4,6-Trichlorophenol
Concen: 42.698 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

Instrument :
BNA_F
ClientSampleId :
PB152610BSD

Tgt Ion:196 Resp: 385139
Ion Ratio Lower Upper
196 100
198 99.7 81.0 121.6
200 31.3 26.1 39.1

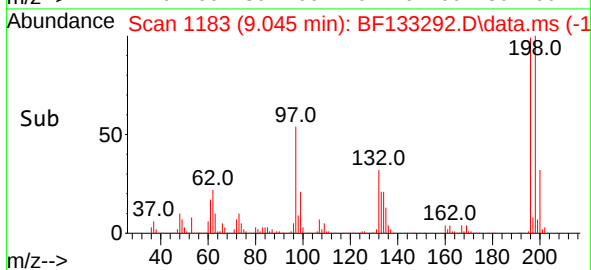
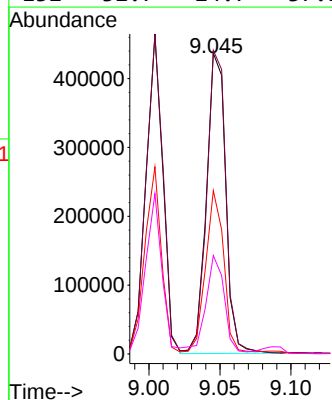
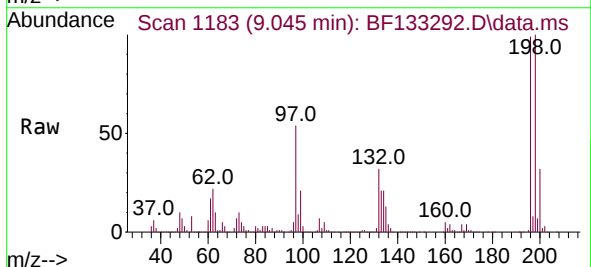
Manual Integrations
APPROVED

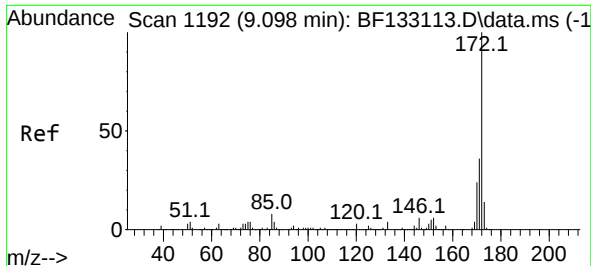
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#44
2,4,5-Trichlorophenol
Concen: 39.433 ng
RT: 9.045 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

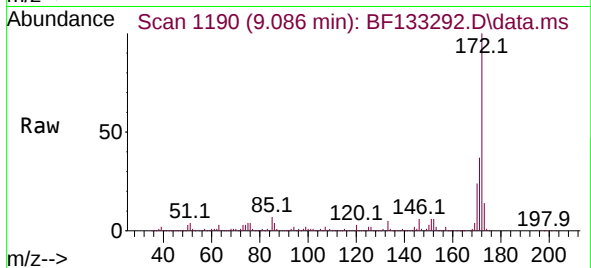
Tgt Ion:196 Resp: 411364
Ion Ratio Lower Upper
196 100
198 100.9 80.9 121.3
97 54.3 41.3 61.9
132 32.7 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 80.284 ng
RT: 9.086 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

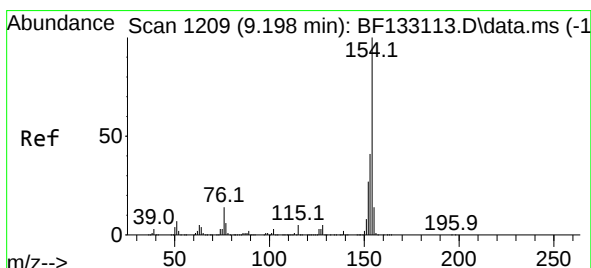
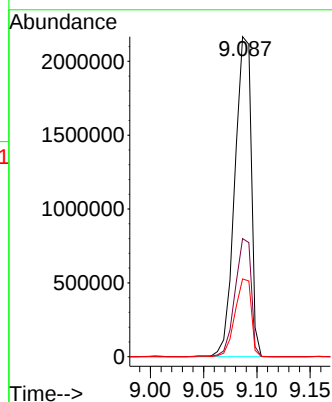
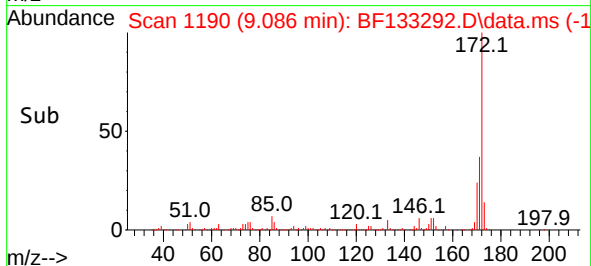
Instrument :
BNA_F
ClientSampleId :
PB152610BSD



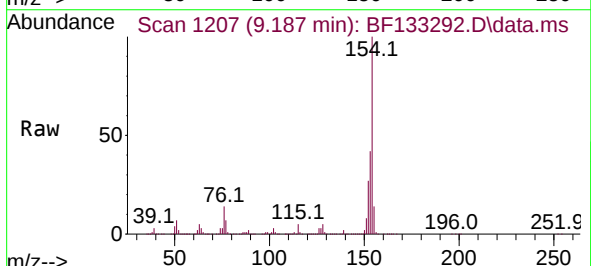
Tgt Ion:172 Resp: 2327920
Ion Ratio Lower Upper
172 100
171 36.9 28.8 43.2
170 24.3 19.4 29.2

Manual Integrations
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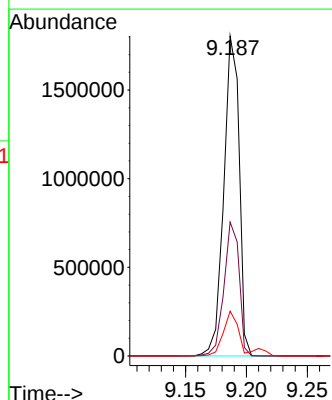
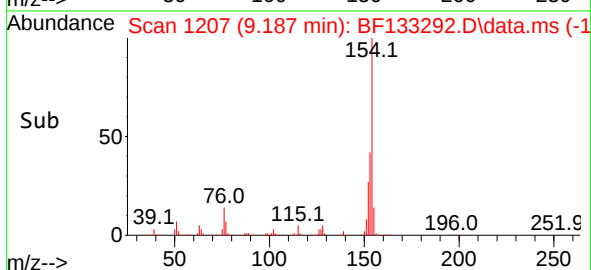
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

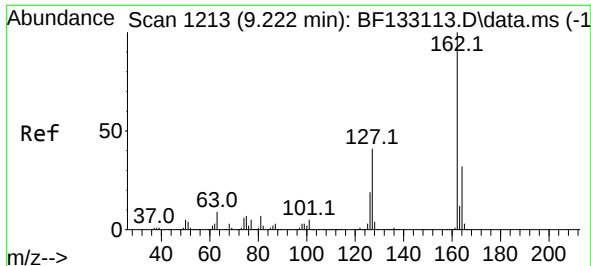


#46
1,1'-Biphenyl
Concen: 41.423 ng
RT: 9.187 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42



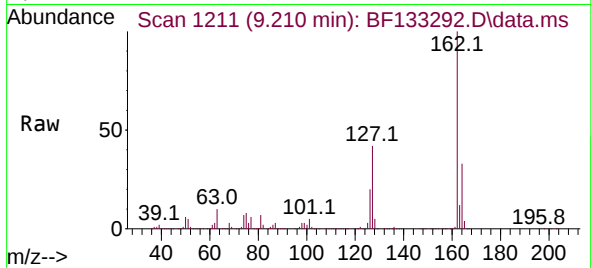
Tgt Ion:154 Resp: 1593393
Ion Ratio Lower Upper
154 100
153 41.8 21.0 61.0
76 14.0 0.0 34.5





#47
2-Chloronaphthalene
Concen: 42.906 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

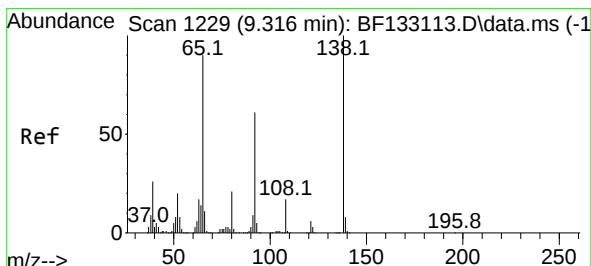
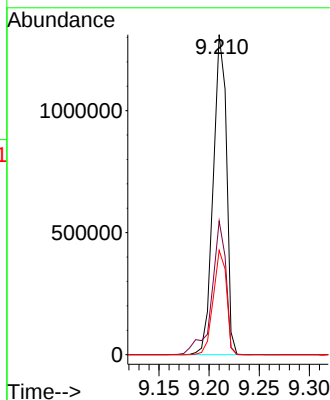
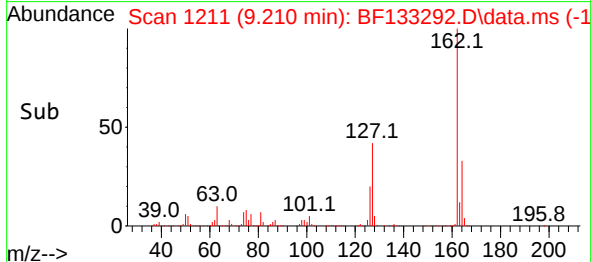
Instrument :
BNA_F
ClientSampleId :
PB152610BSD



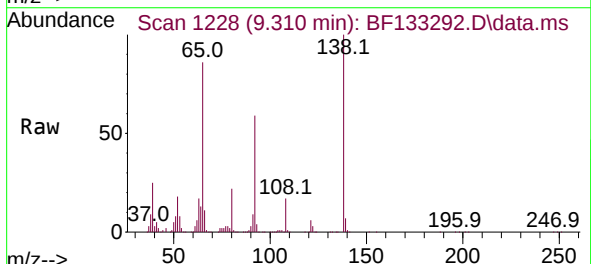
Tgt Ion:162 Resp: 120801
Ion Ratio Lower Upper
162 100
127 41.8 32.3 48.5
164 32.6 26.8 40.2

Manual Integrations
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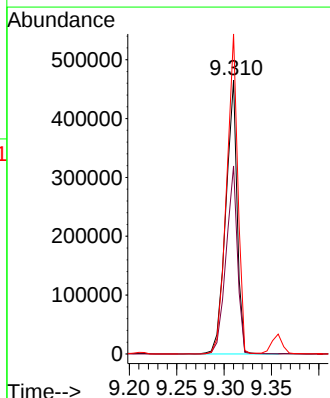
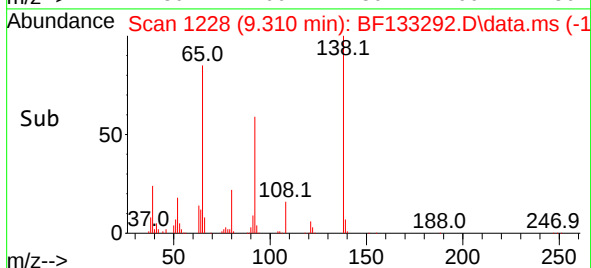
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

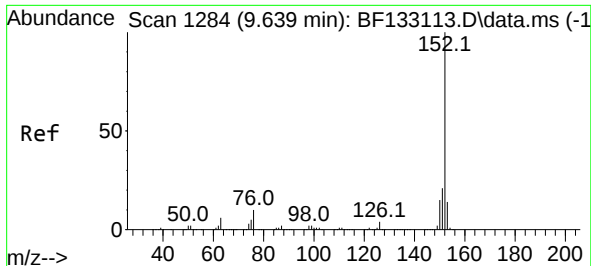


#48
2-Nitroaniline
Concen: 41.922 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42



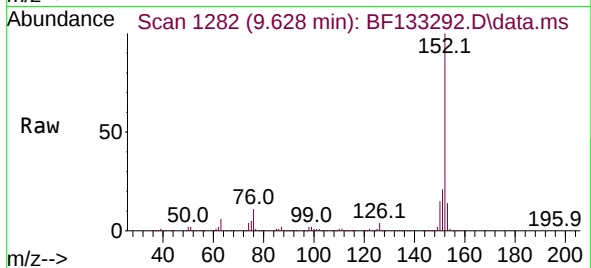
Tgt Ion: 65 Resp: 390088
Ion Ratio Lower Upper
65 100
92 68.7 55.4 83.0
138 116.9 98.2 147.2





#49
Acenaphthylene
Concen: 40.782 ng
RT: 9.628 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

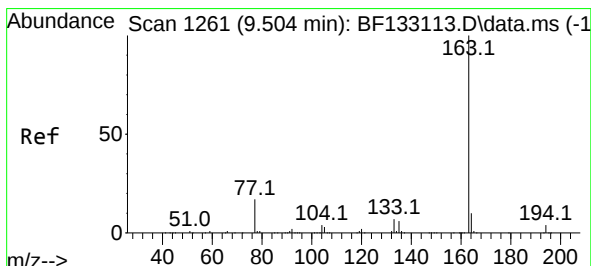
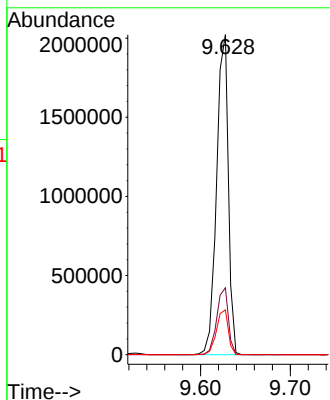
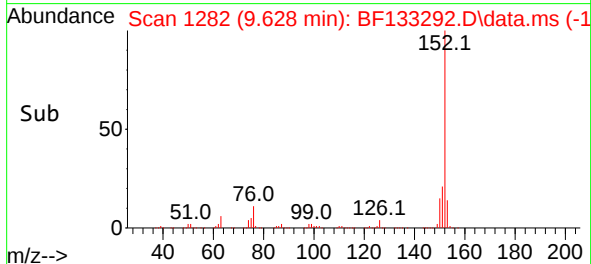
Instrument :
BNA_F
ClientSampleId :
PB152610BSD



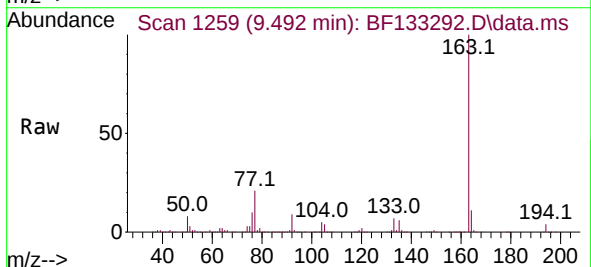
Tgt Ion:152 Resp: 1834650
Ion Ratio Lower Upper
152 100
151 20.9 16.6 24.8
153 14.0 11.5 17.3

Manual Integrations
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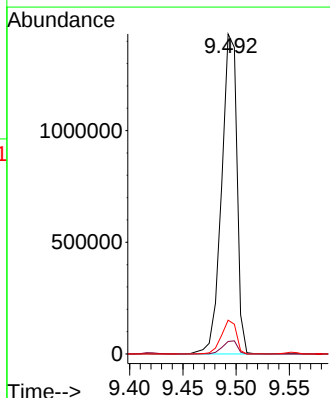
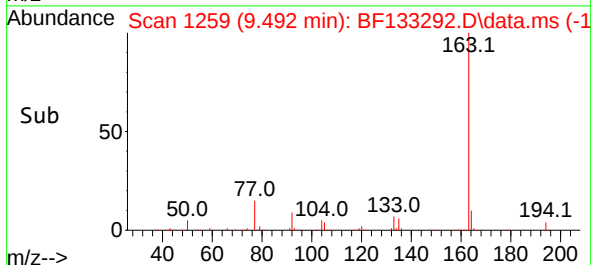
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

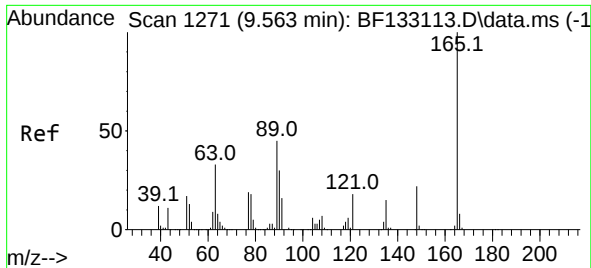


#50
Dimethylphthalate
Concen: 42.333 ng
RT: 9.492 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42



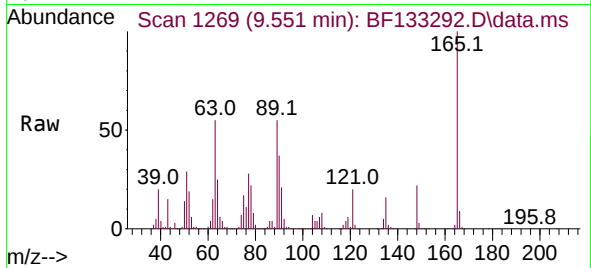
Tgt Ion:163 Resp: 1431919
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.5 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 43.723 ng
RT: 9.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

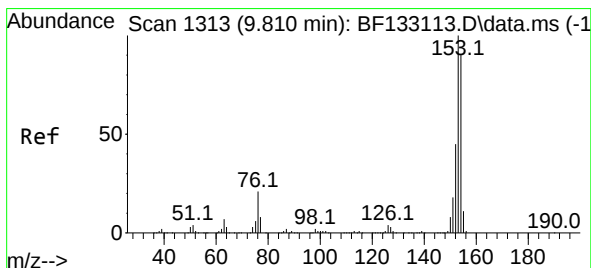
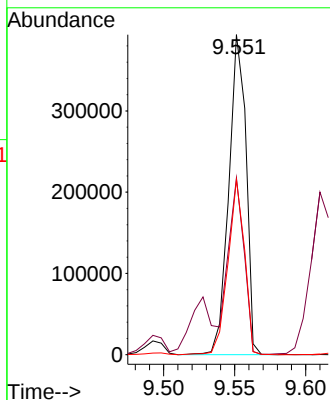
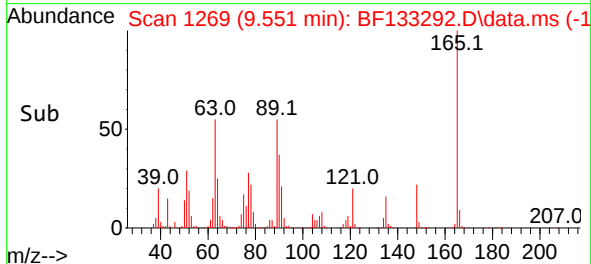
Instrument :
BNA_F
ClientSampleId :
PB152610BSD



Tgt Ion:165 Resp: 33287
Ion Ratio Lower Upper
165 100
63 55.2 45.9 68.9
89 54.7 44.0 66.0

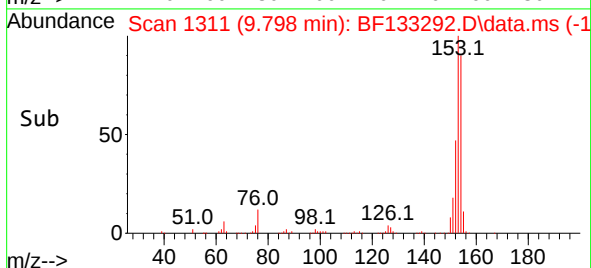
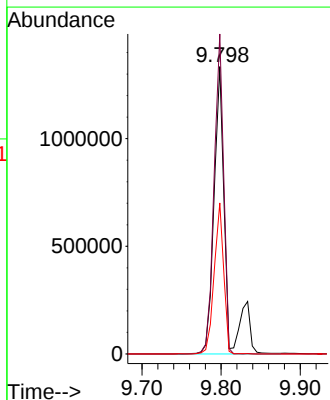
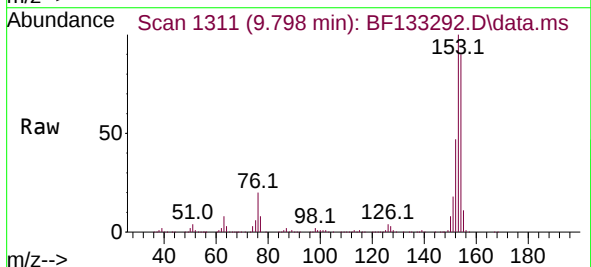
Manual Integrations
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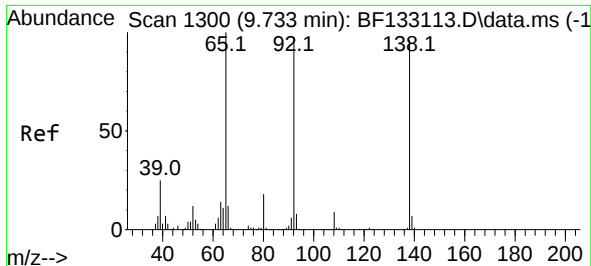
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#52
Acenaphthene
Concen: 45.157 ng m
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

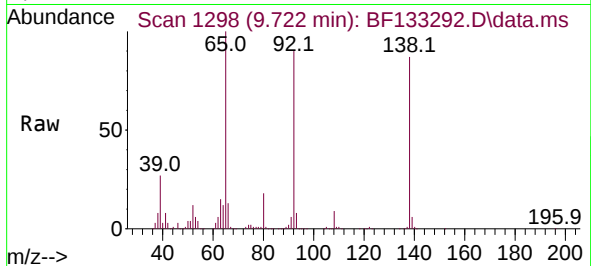
Tgt Ion:154 Resp: 1360589
Ion Ratio Lower Upper
154 100
153 111.4 89.0 133.6
152 52.5 40.4 60.6





#53
3-Nitroaniline
Concen: 31.953 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

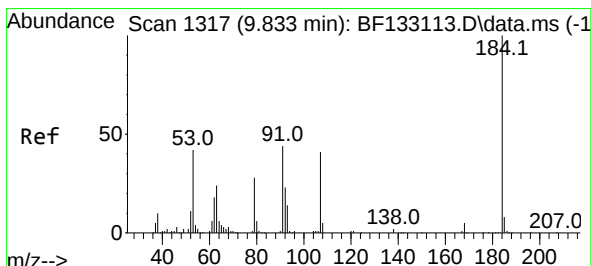
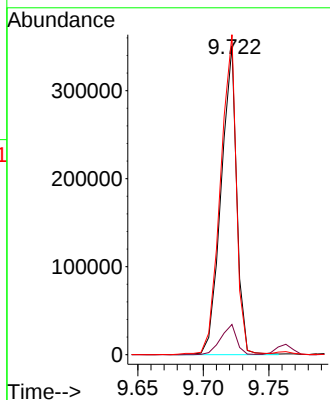
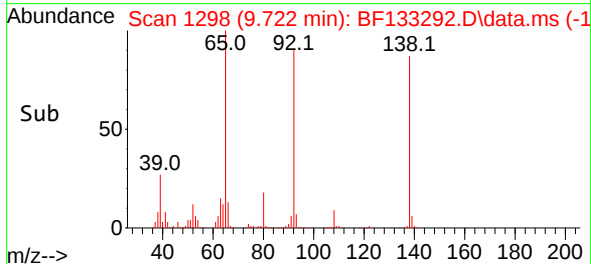
Instrument :
BNA_F
ClientSampleId :
PB152610BSD



Tgt Ion:138 Resp: 28924
Ion Ratio Lower Upper
138 100
108 9.8 8.0 12.0
92 103.6 83.6 125.4

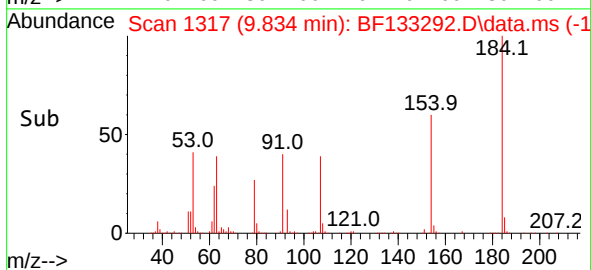
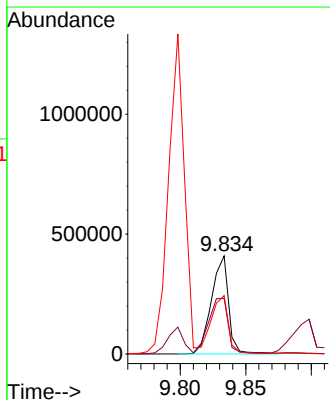
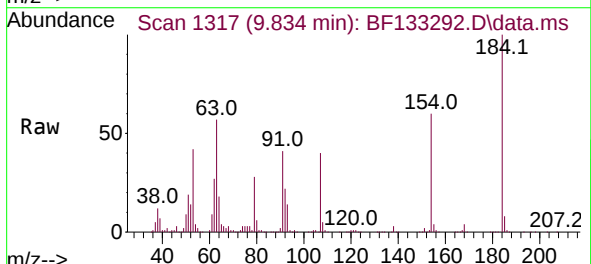
Manual Integrations
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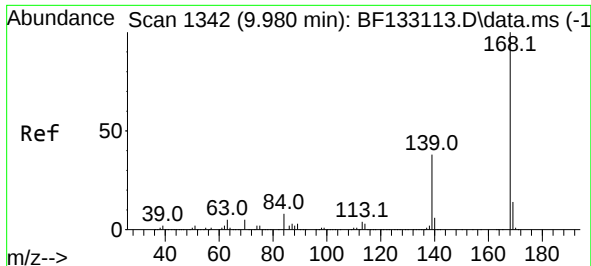
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#54
2,4-Dinitrophenol
Concen: 97.839 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

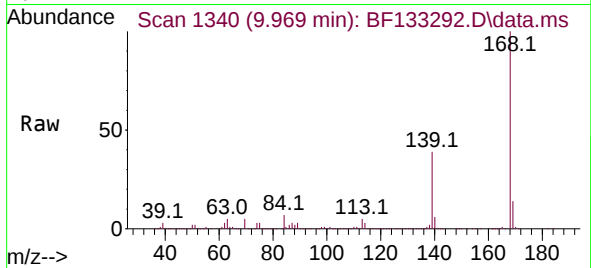
Tgt Ion:184 Resp: 374405
Ion Ratio Lower Upper
184 100
63 56.8 49.8 74.8
154 59.6 49.5 74.3





#55
Dibenzofuran
Concen: 40.143 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

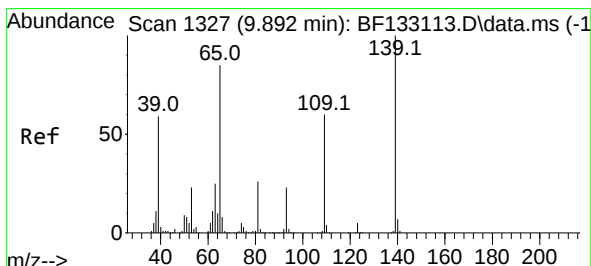
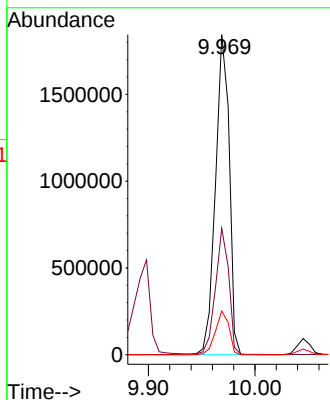
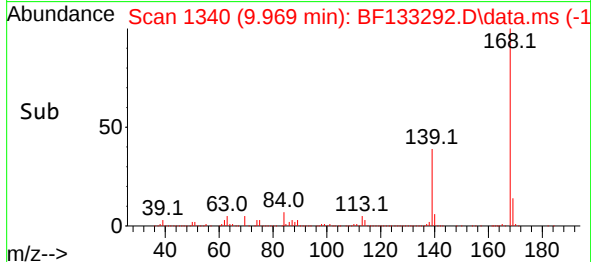
Instrument :
BNA_F
ClientSampleId :
PB152610BSD



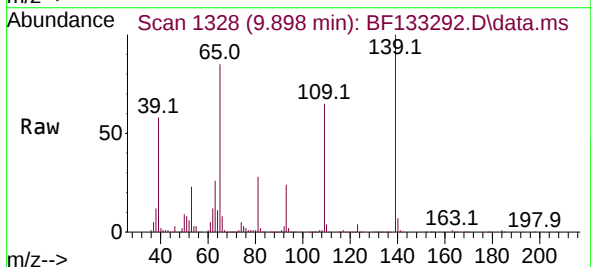
Tgt Ion:168 Resp: 164990
Ion Ratio Lower Upper
168 100
139 39.5 29.8 44.8
169 13.6 10.8 16.2

Manual Integrations
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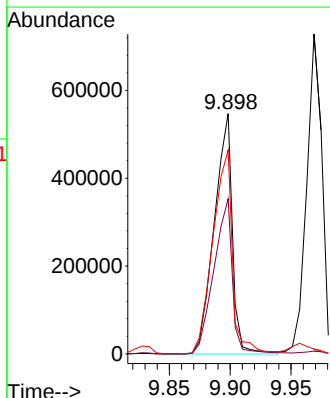
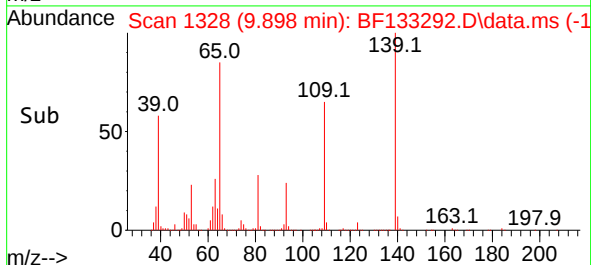
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

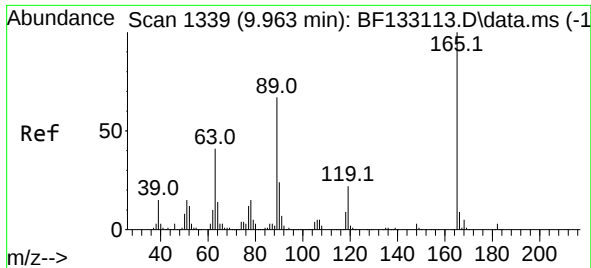


#56
4-Nitrophenol
Concen: 80.800 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42



Tgt Ion:139 Resp: 566502
Ion Ratio Lower Upper
139 100
109 64.6 39.4 79.4
65 84.9 57.5 97.5





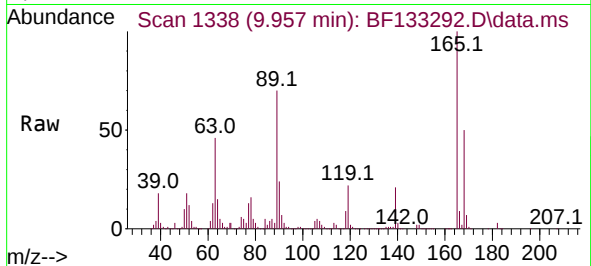
#57
2,4-Dinitrotoluene
Concen: 44.108 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

Instrument :

BNA_F

ClientSampleId :

PB152610BSD

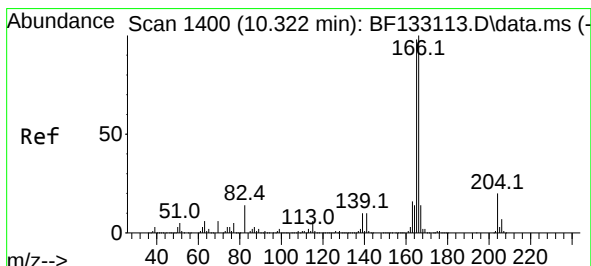
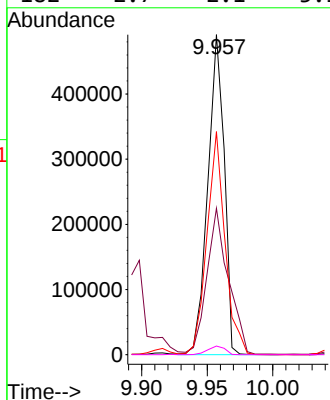
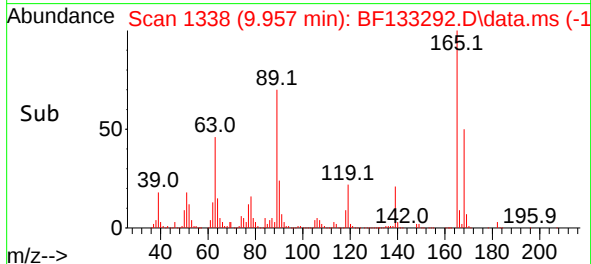


Tgt Ion:165 Resp: 42824
Ion Ratio Lower Upper
165 100
63 45.8 37.7 56.5
89 69.7 57.0 85.4
182 2.7 2.1 3.1

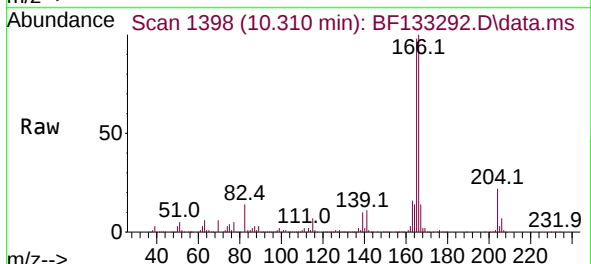
Manual Integrations

APPROVED

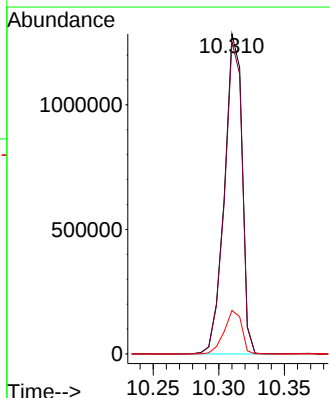
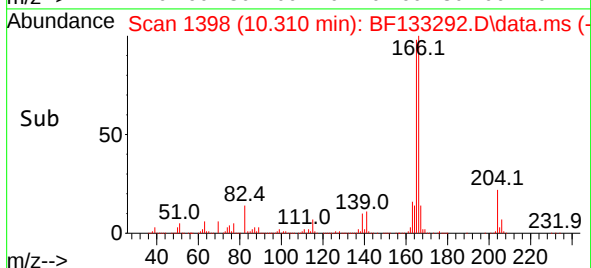
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

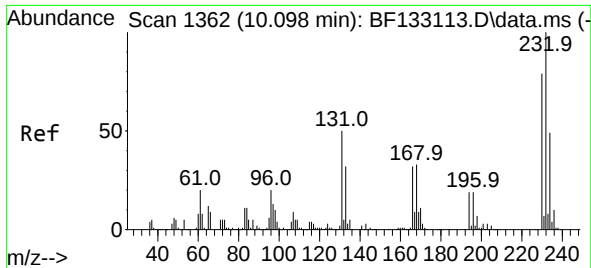


#58
Fluorene
Concen: 39.884 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42



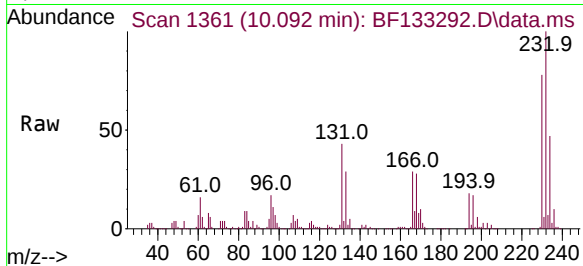
Tgt Ion:166 Resp: 1200978
Ion Ratio Lower Upper
166 100
165 97.6 78.6 117.8
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.875 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

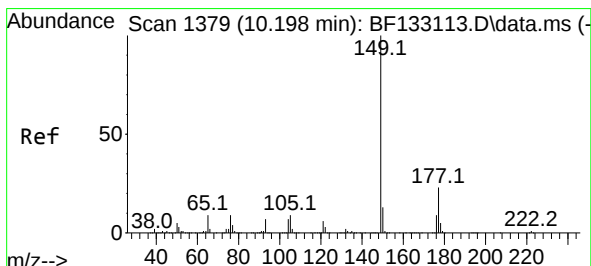
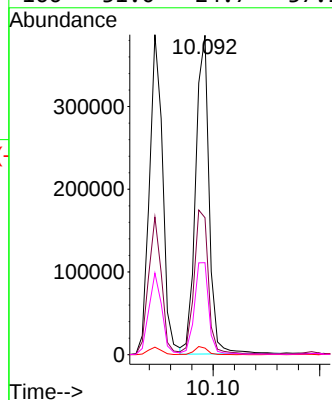
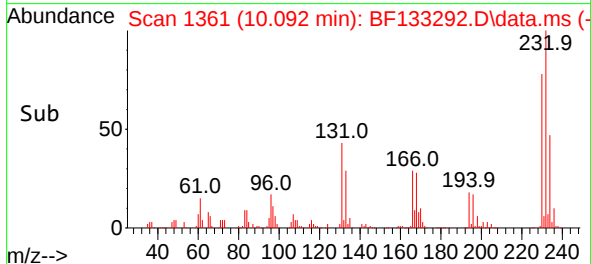
Instrument :
BNA_F
ClientSampleId :
PB152610BSD



Tgt Ion:232 Resp: 338669
Ion Ratio Lower Upper
232 100
131 48.4 38.0 57.0
130 2.6 1.8 2.8
166 31.0 24.7 37.1

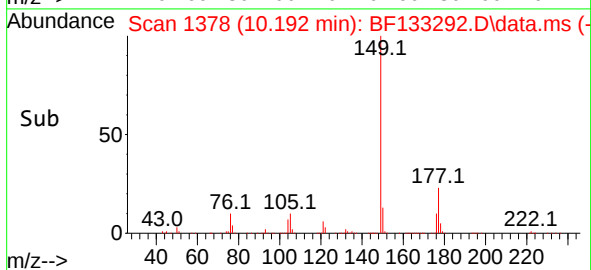
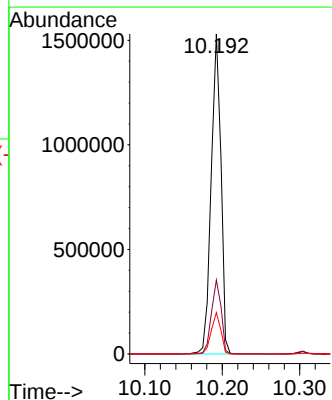
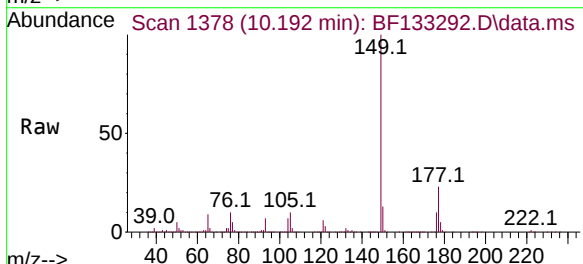
Manual Integrations
APPROVED

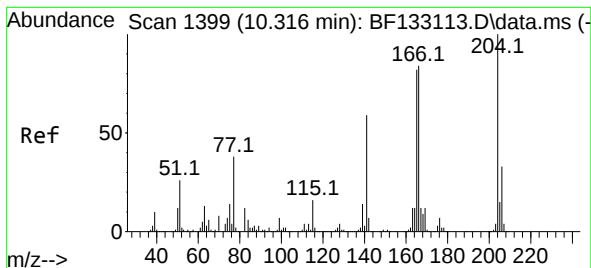
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#60
Diethylphthalate
Concen: 41.864 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

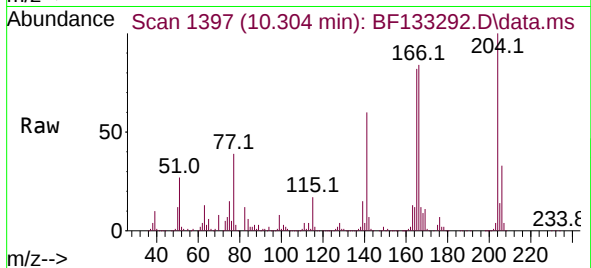
Tgt Ion:149 Resp: 1337557
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.4
150 12.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 39.298 ng
RT: 10.304 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

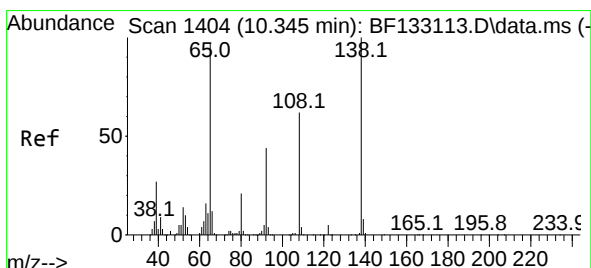
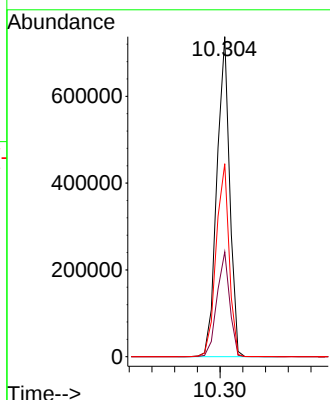
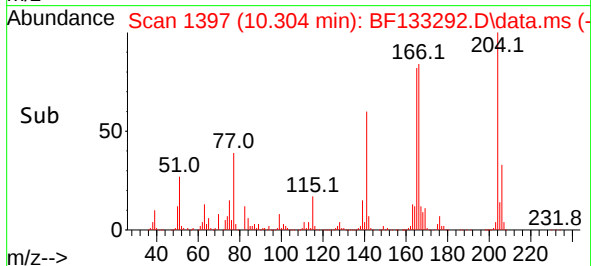
Instrument :
BNA_F
ClientSampleId :
PB152610BSD



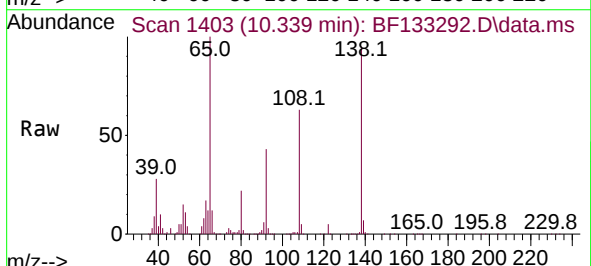
Tgt Ion:204 Resp: 57666
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 60.3 46.1 69.1

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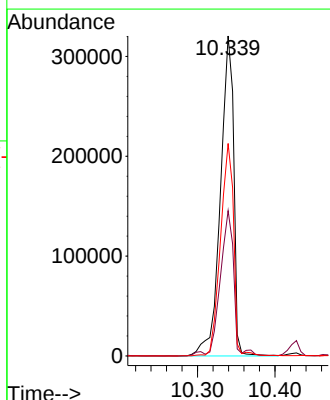
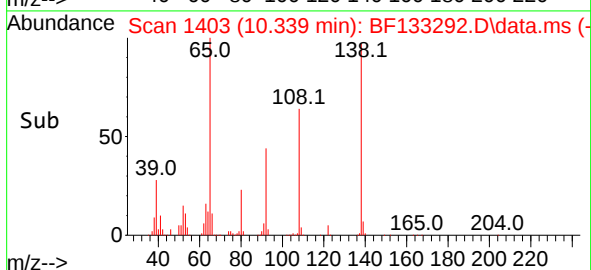
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

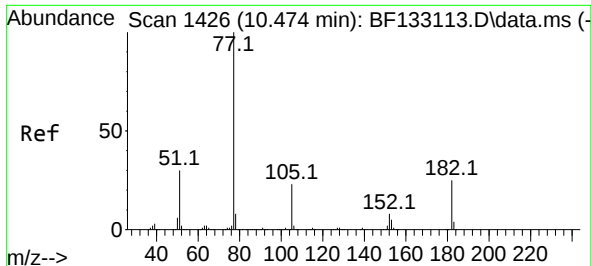


#62
4-Nitroaniline
Concen: 45.990 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42



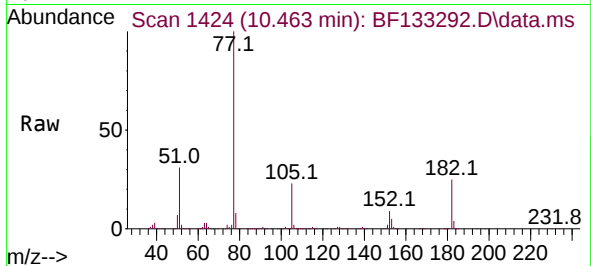
Tgt Ion:138 Resp: 382635
Ion Ratio Lower Upper
138 100
92 45.4 27.7 67.7
108 66.4 45.2 85.2





#63
Azobenzene
Concen: 39.786 ng
RT: 10.463 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

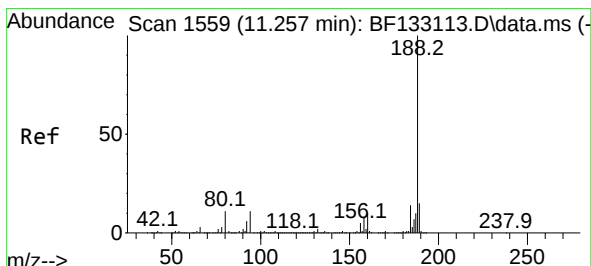
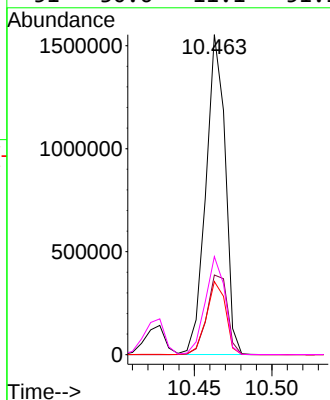
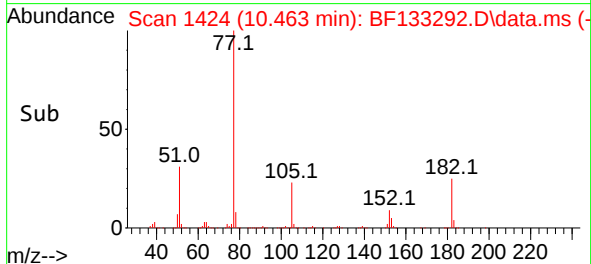
Instrument :
BNA_F
ClientSampleId :
PB152610BSD



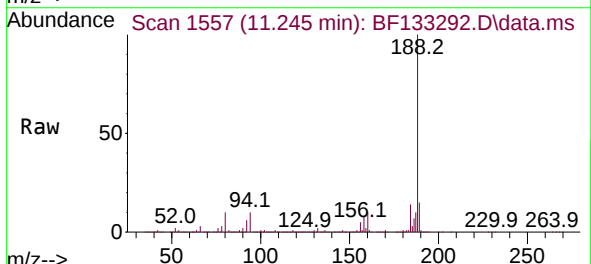
Tgt Ion: 77 Resp: 1346584
Ion Ratio Lower Upper
77 100
182 24.9 5.9 45.9
105 22.8 2.3 42.3
51 30.6 11.1 51.1

Manual Integrations
APPROVED

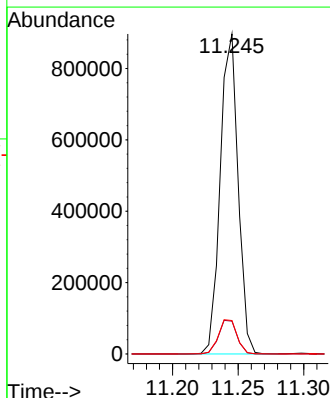
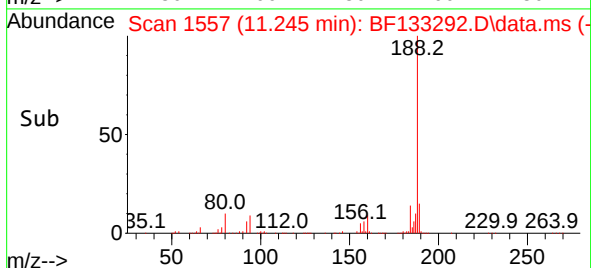
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

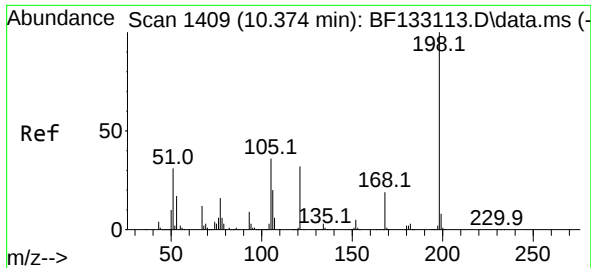


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42



Tgt Ion:188 Resp: 846053
Ion Ratio Lower Upper
188 100
94 10.2 9.7 14.5
80 10.5 10.4 15.6





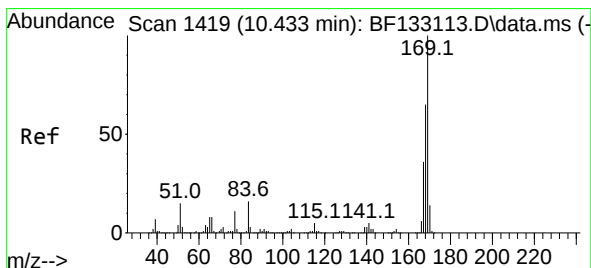
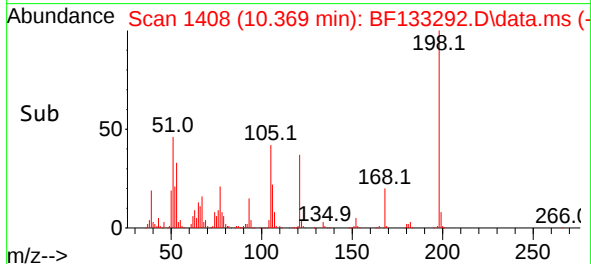
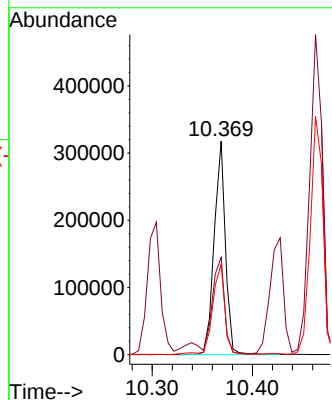
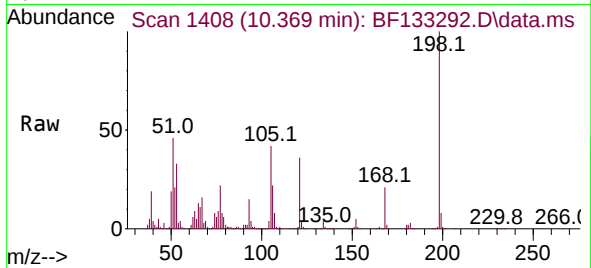
#65
4,6-Dinitro-2-methylphenol
Concen: 48.558 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

Instrument :
BNA_F
ClientSampleId :
PB152610BSD

Tgt Ion:198 Resp: 249010
Ion Ratio Lower Upper
198 100
51 45.6 15.5 55.5
105 42.4 16.7 56.7

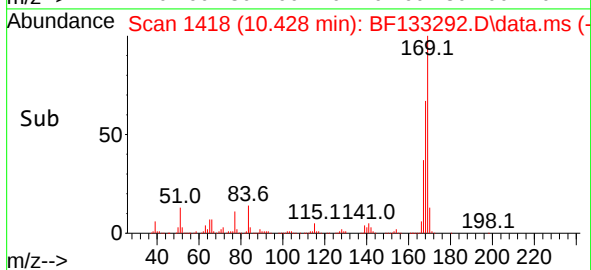
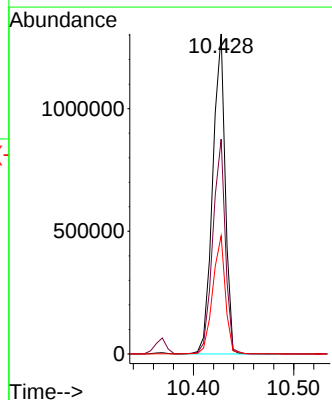
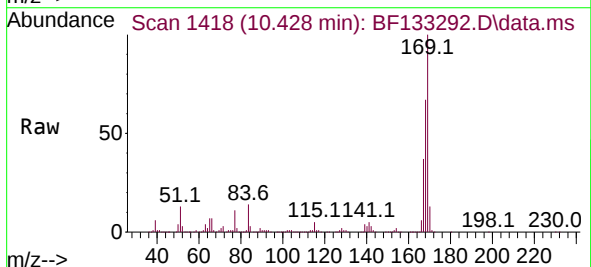
Manual Integrations
APPROVED

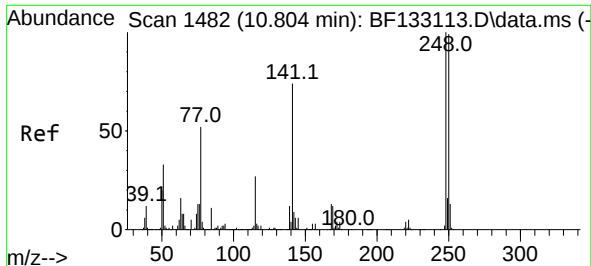
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#66
n-Nitrosodiphenylamine
Concen: 41.278 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

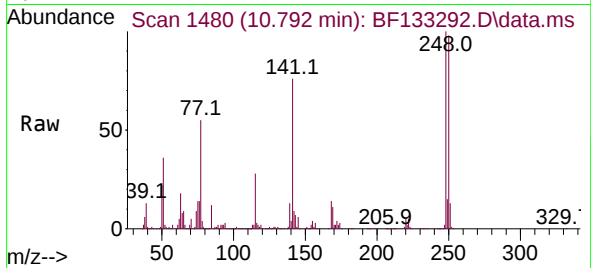
Tgt Ion:169 Resp: 1132820
Ion Ratio Lower Upper
169 100
168 67.1 53.8 80.8
167 36.9 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 41.340 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

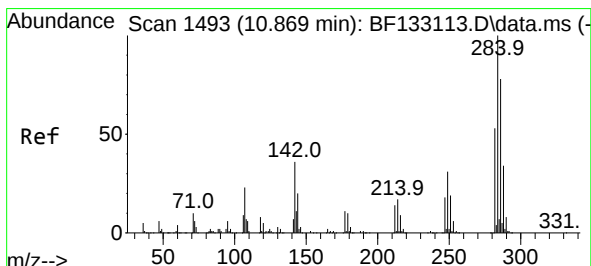
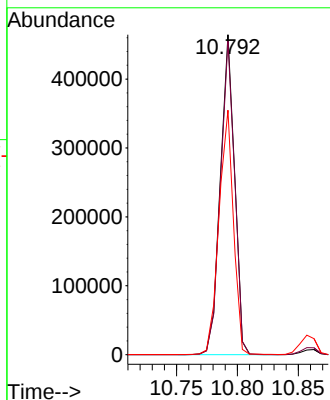
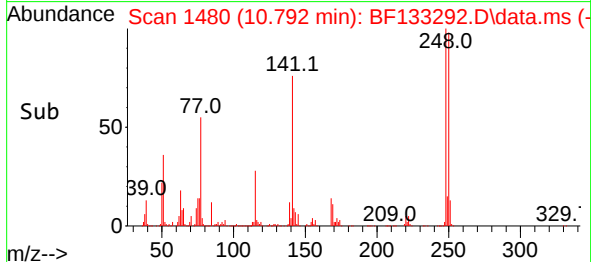
Instrument :
BNA_F
ClientSampleId :
PB152610BSD



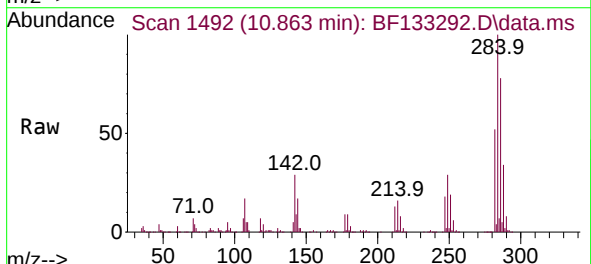
Tgt Ion:248 Resp: 379335
Ion Ratio Lower Upper
248 100
250 97.9 78.7 118.1
141 76.4 56.3 84.5

Manual Integrations
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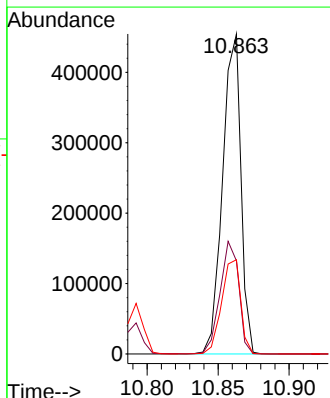
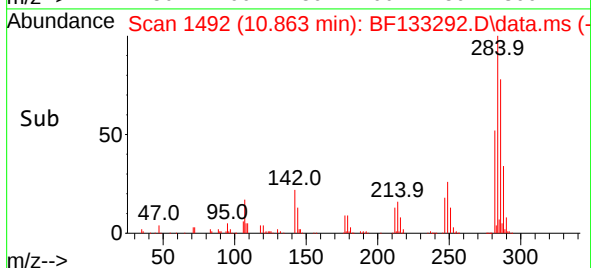
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

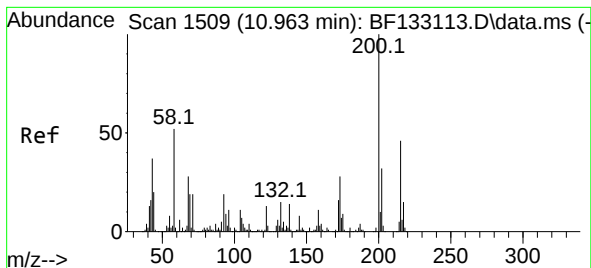


#68
Hexachlorobenzene
Concen: 43.313 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42



Tgt Ion:284 Resp: 407247
Ion Ratio Lower Upper
284 100
142 29.1 26.0 39.0
249 29.5 23.7 35.5





#69

Atrazine

Concen: 47.737 ng

RT: 10.957 min Scan# 1508

Delta R.T. 0.006 min

Lab File: BF133292.D

Acq: 08 May 2023 13:42

Instrument :

BNA_F

ClientSampleId :

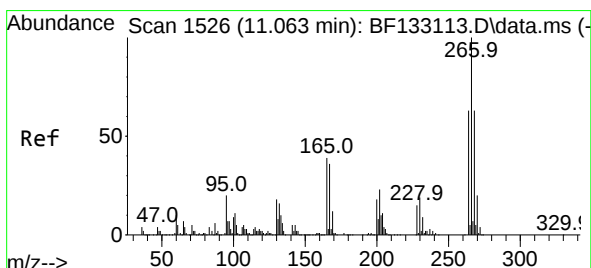
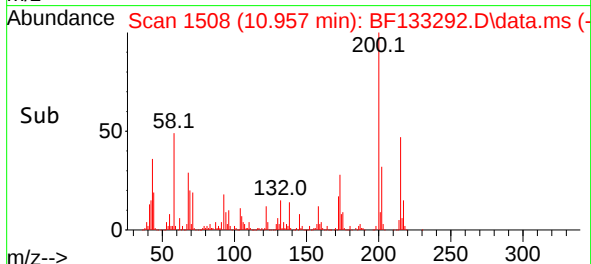
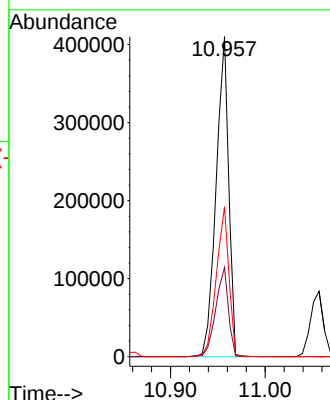
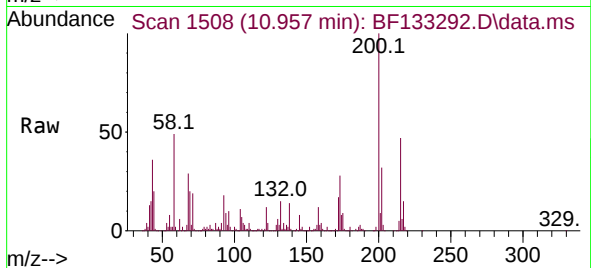
PB152610BSD

Tgt Ion:200 Resp: 37749
 Ion Ratio Lower Upper
 200 100
 173 27.9 6.2 46.2
 215 46.8 26.3 66.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/09/2023
 Supervised By :Jagrut Upadhyay 05/09/2023



#70

Pentachlorophenol

Concen: 69.826 ng

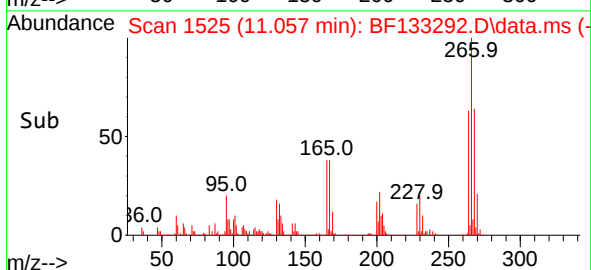
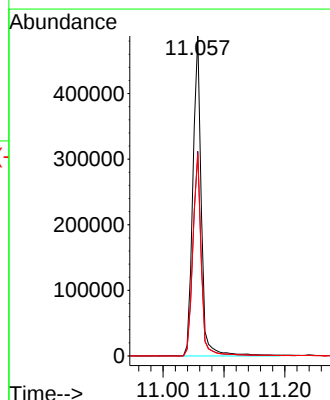
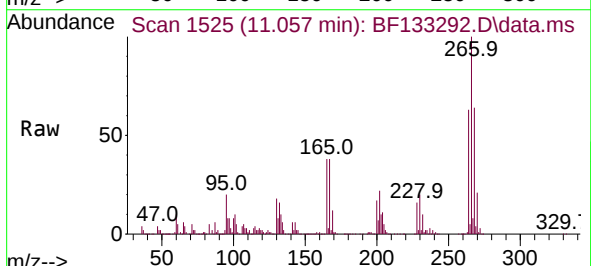
RT: 11.057 min Scan# 1525

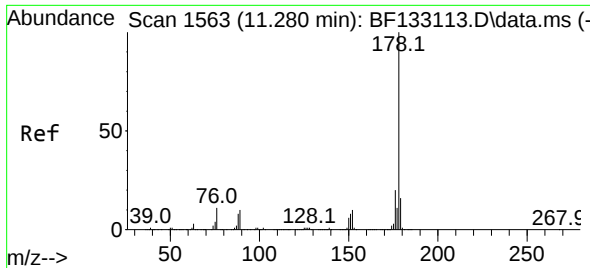
Delta R.T. 0.006 min

Lab File: BF133292.D

Acq: 08 May 2023 13:42

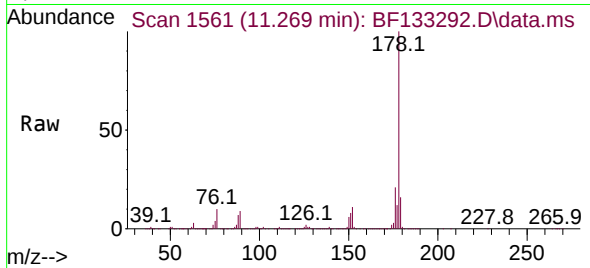
Tgt Ion:266 Resp: 467582
 Ion Ratio Lower Upper
 266 100
 268 63.9 48.8 73.2
 264 63.0 50.6 76.0





#71
Phenanthrene
Concen: 41.079 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

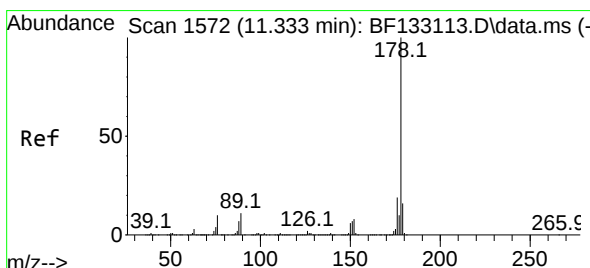
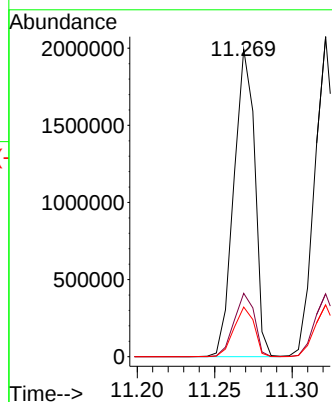
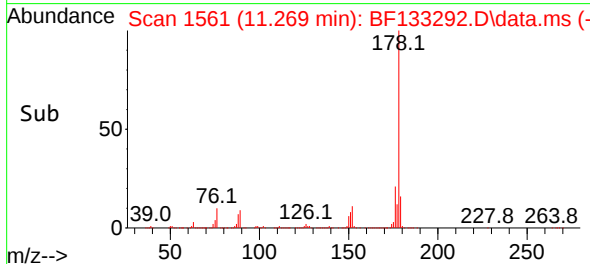
Instrument :
BNA_F
ClientSampleId :
PB152610BSD



Tgt Ion:178 Resp: 1867970
Ion Ratio Lower Upper
178 100
176 20.6 15.9 23.9
179 16.1 12.5 18.7

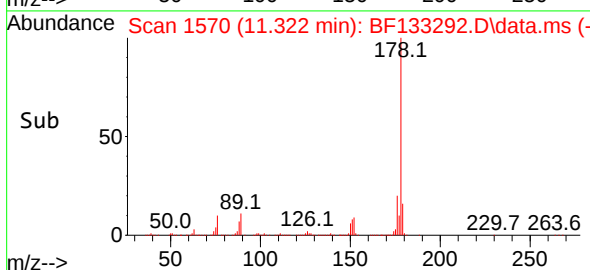
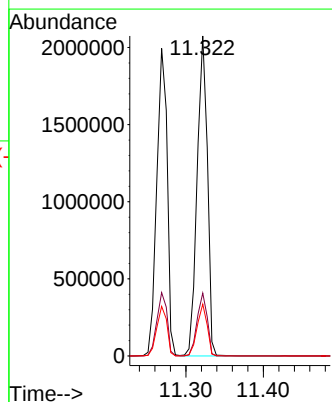
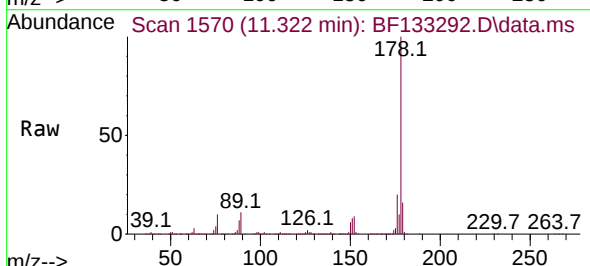
Manual Integrations
APPROVED

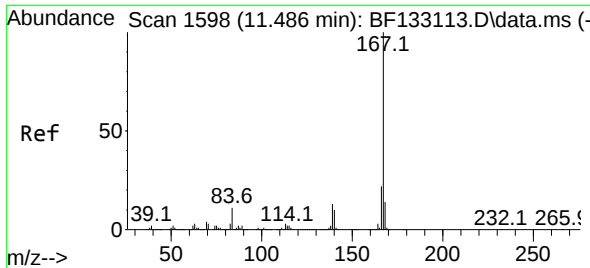
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#72
Anthracene
Concen: 41.113 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

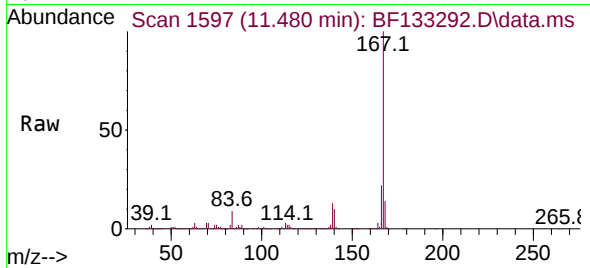
Tgt Ion:178 Resp: 1913233
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 16.2 12.4 18.6





#73
Carbazole
Concen: 42.536 ng
RT: 11.480 min Scan# 1598
Delta R.T. 0.006 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

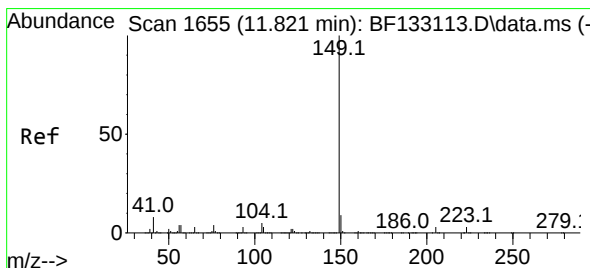
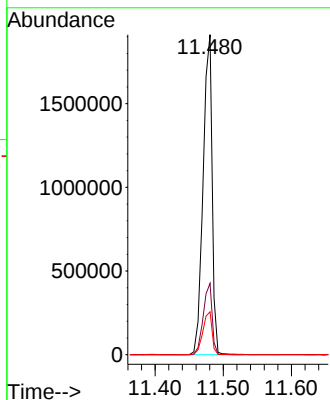
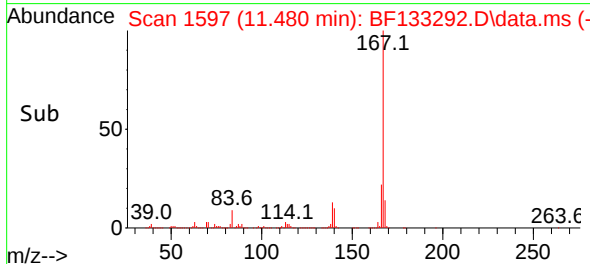
Instrument :
BNA_F
ClientSampleId :
PB152610BSD



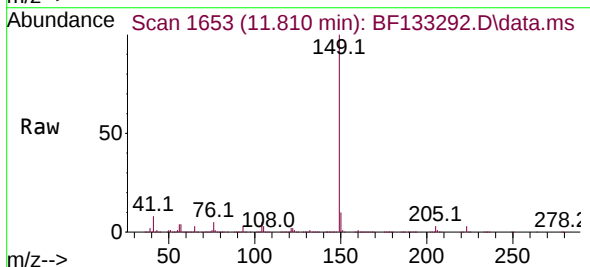
Tgt Ion:167 Resp: 1762572
Ion Ratio Lower Upper
167 100
166 22.3 17.4 26.0
139 13.4 10.6 16.0

Manual Integrations
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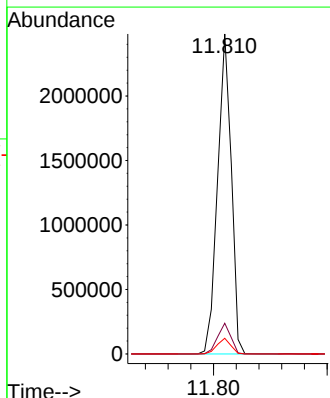
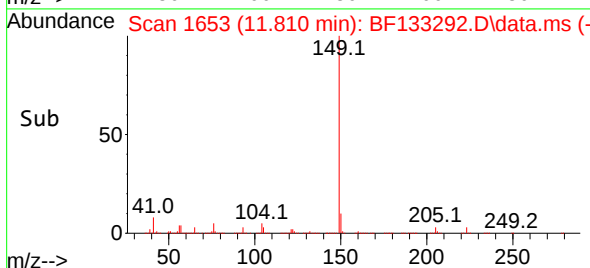
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

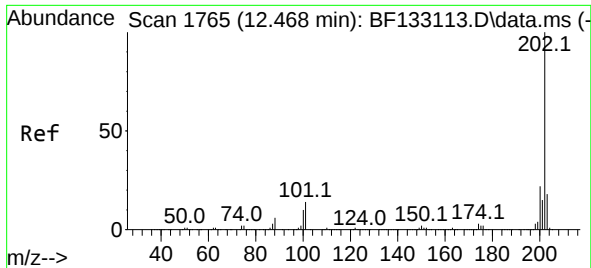


#74
Di-n-butylphthalate
Concen: 44.218 ng
RT: 11.810 min Scan# 1653
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42



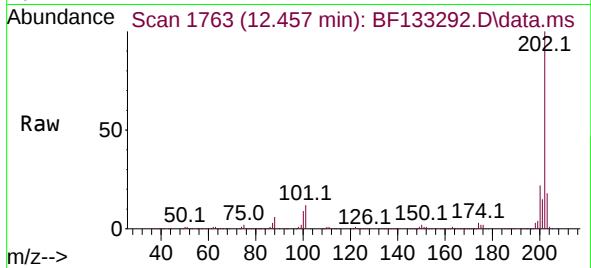
Tgt Ion:149 Resp: 2073531
Ion Ratio Lower Upper
149 100
150 9.6 7.6 11.4
104 4.9 4.0 6.0





#75
Fluoranthene
Concen: 40.863 ng
RT: 12.457 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

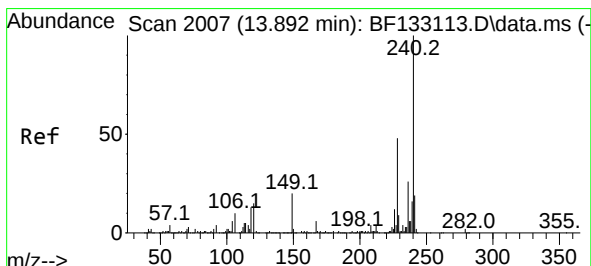
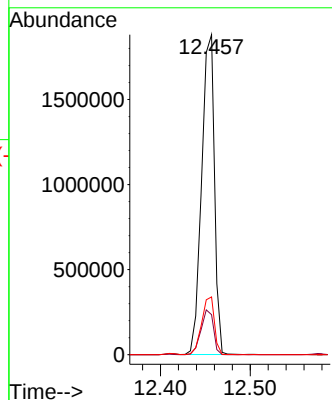
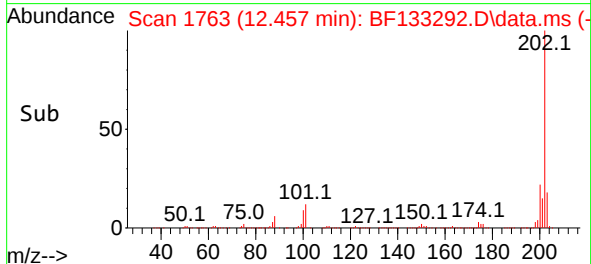
Instrument :
BNA_F
ClientSampleId :
PB152610BSD



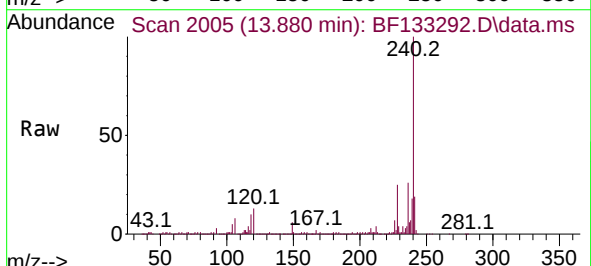
Tgt Ion:202 Resp: 1864849
Ion Ratio Lower Upper
202 100
101 12.5 0.0 35.3
203 18.0 0.0 38.1

Manual Integrations
APPROVED

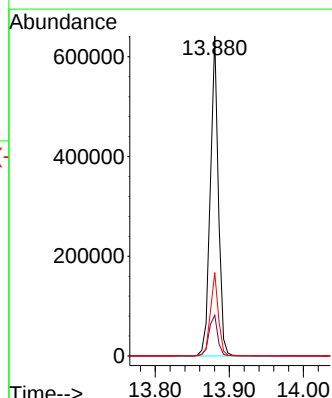
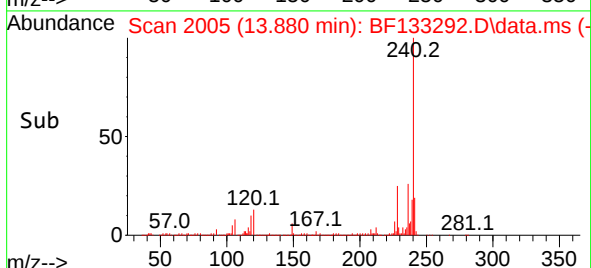
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

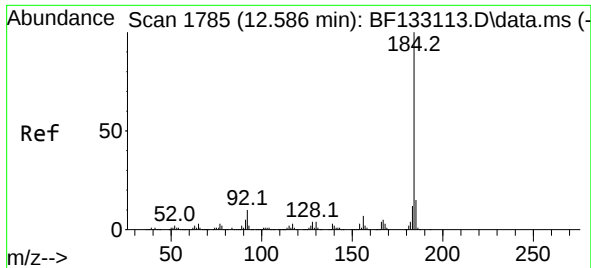


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42



Tgt Ion:240 Resp: 486521
Ion Ratio Lower Upper
240 100
120 12.7 10.5 15.7
236 26.1 21.5 32.3





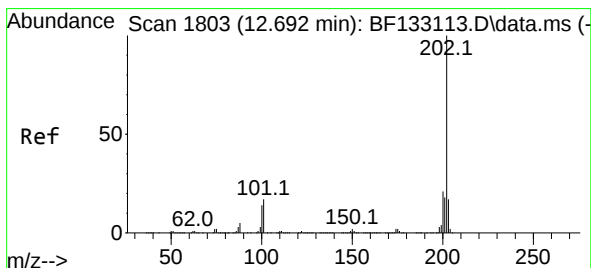
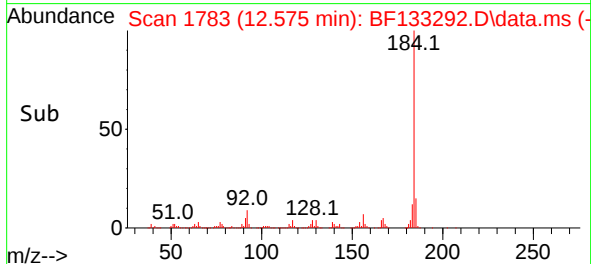
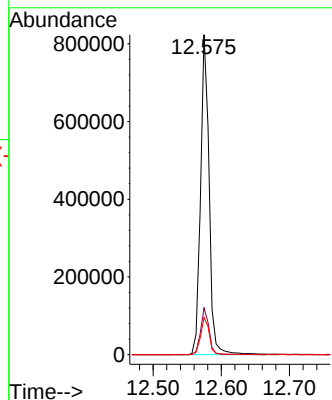
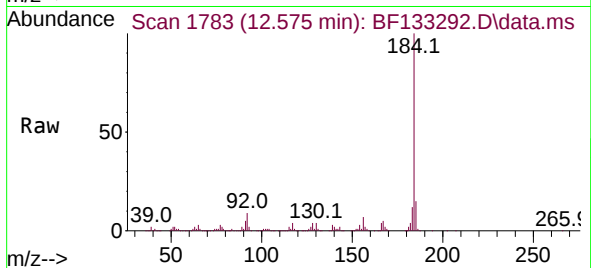
#77
Benzidine
Concen: 87.032 ng
RT: 12.575 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

Instrument :
BNA_F
ClientSampleId :
PB152610BSD

Tgt Ion:184 Resp: 716042
Ion Ratio Lower Upper
184 100
185 14.6 15.4 23.2
183 11.6 9.4 14.0

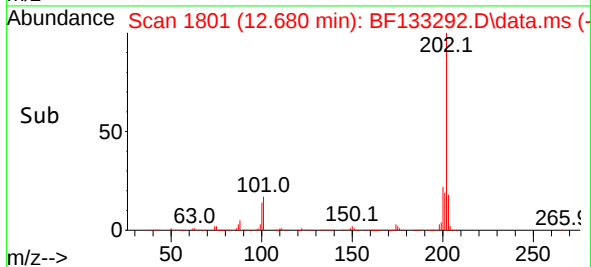
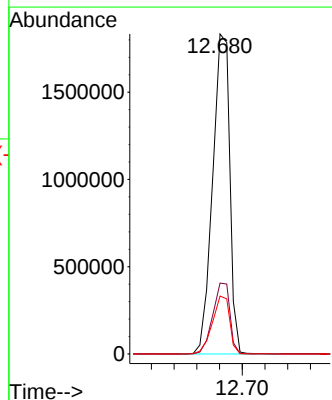
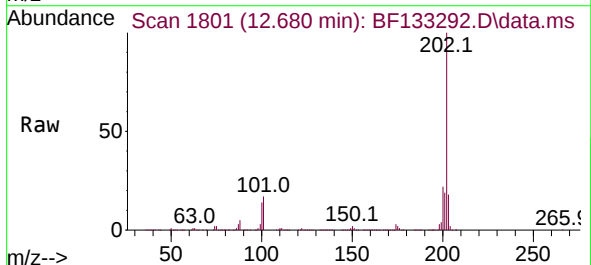
Manual Integrations
APPROVED

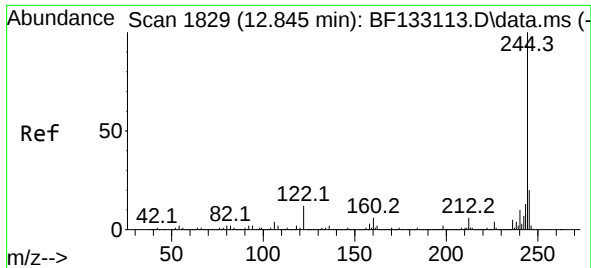
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#78
Pyrene
Concen: 45.997 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

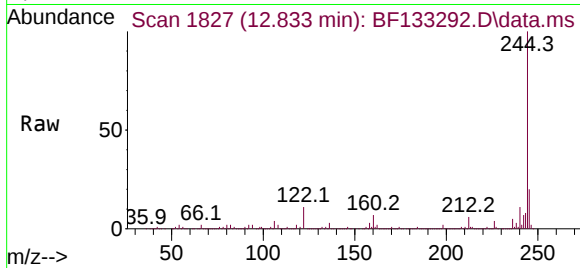
Tgt Ion:202 Resp: 1918336
Ion Ratio Lower Upper
202 100
200 22.1 17.1 25.7
203 18.1 14.1 21.1





#79
 Terphenyl-d14
 Concen: 89.518 ng
 RT: 12.833 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133292.D
 Acq: 08 May 2023 13:42

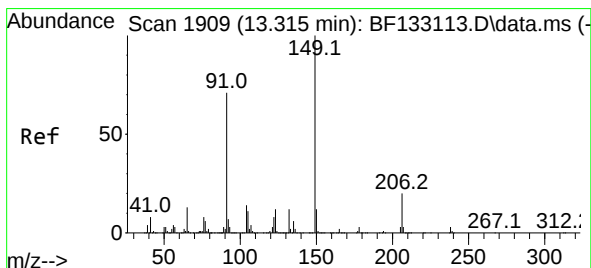
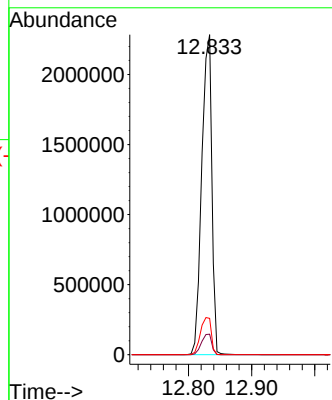
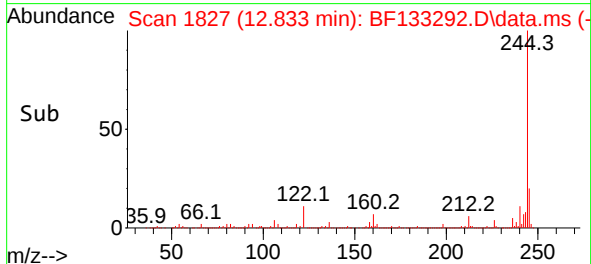
Instrument :
 BNA_F
 ClientSampleId :
 PB152610BSD



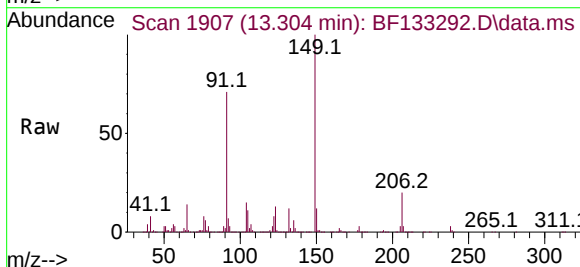
Tgt Ion:244 Resp: 252527
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 11.4 8.6 13.0

Manual Integrations
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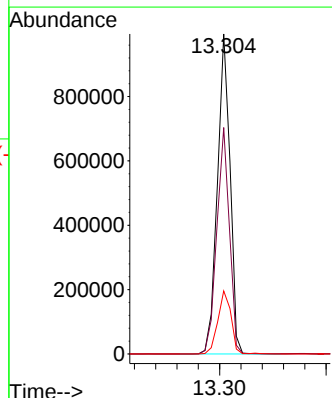
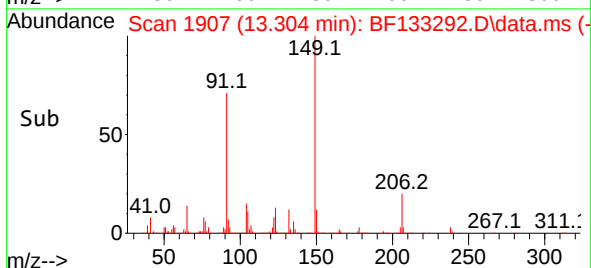
Reviewed By :Christian Giraldo 05/09/2023
 Supervised By :Jagrut Upadhyay 05/09/2023

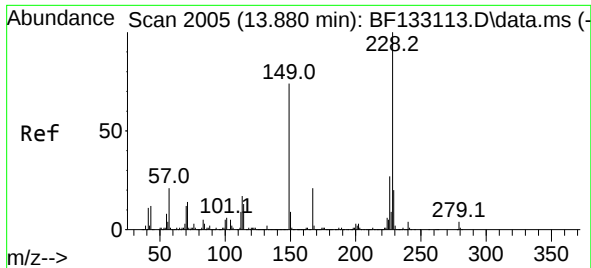


#80
 Butylbenzylphthalate
 Concen: 55.515 ng
 RT: 13.304 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: BF133292.D
 Acq: 08 May 2023 13:42



Tgt Ion:149 Resp: 819794
 Ion Ratio Lower Upper
 149 100
 91 70.8 53.8 80.6
 206 19.7 17.5 26.3





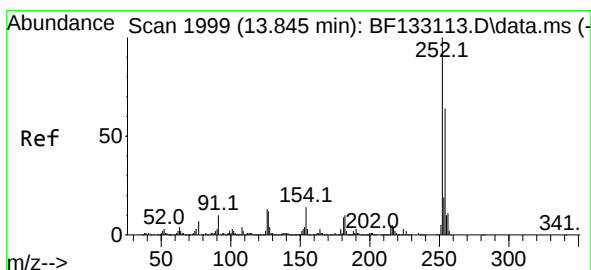
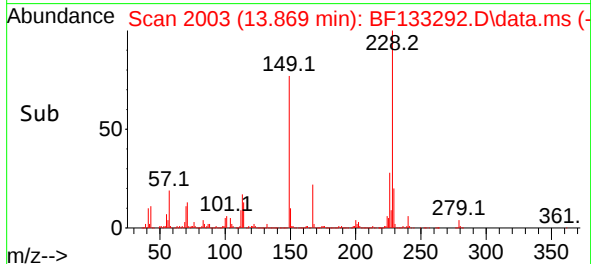
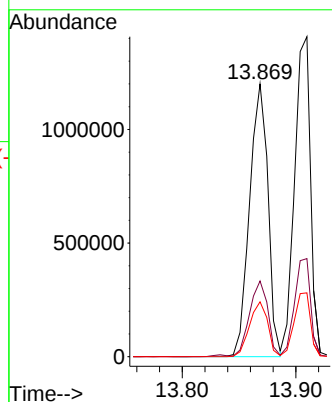
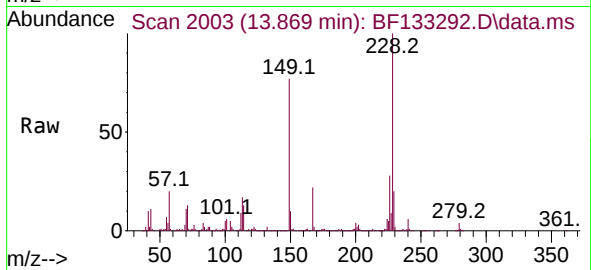
#81
Benzo(a)anthracene
Concen: 40.282 ng
RT: 13.869 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

Instrument :
BNA_F
ClientSampleId :
PB152610BSD

Tgt Ion:228 Resp: 134770
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 20.1 16.0 24.0

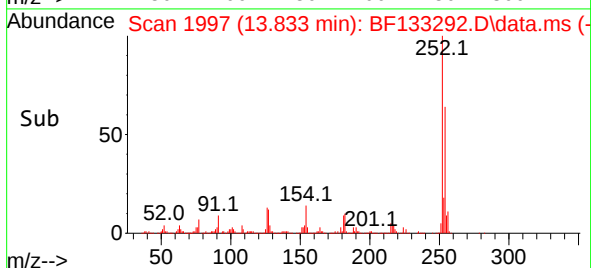
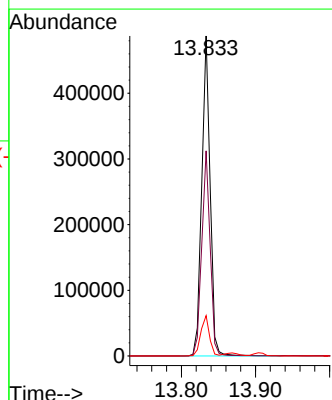
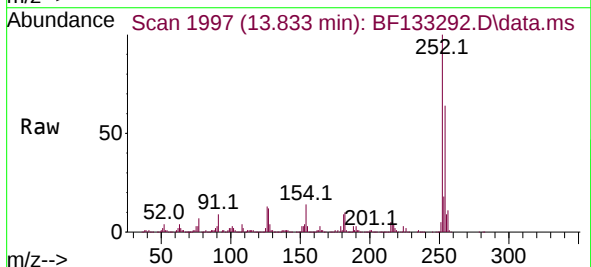
Manual Integrations
APPROVED

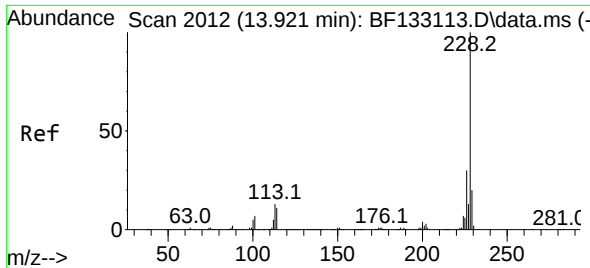
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#82
3,3'-Dichlorobenzidine
Concen: 41.298 ng
RT: 13.833 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

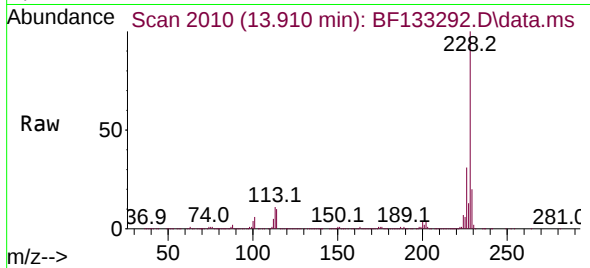
Tgt Ion:252 Resp: 381697
Ion Ratio Lower Upper
252 100
254 64.1 51.5 77.3
126 12.6 9.5 14.3





#83
Chrysene
Concen: 41.134 ng
RT: 13.910 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

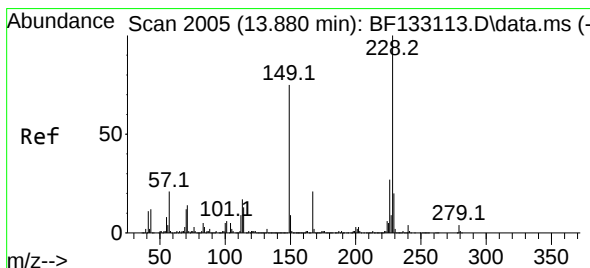
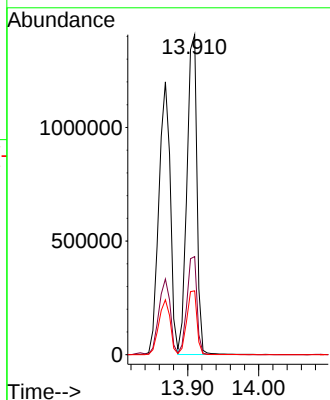
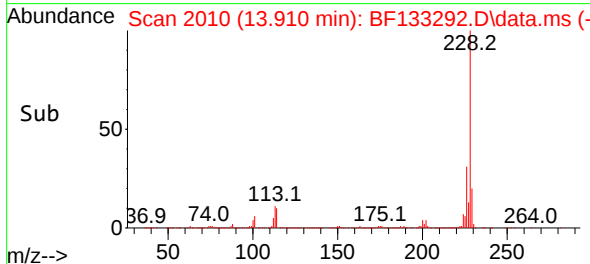
Instrument :
BNA_F
ClientSampleId :
PB152610BSD



Tgt Ion:228 Resp: 1375864
Ion Ratio Lower Upper
228 100
226 30.6 24.7 37.1
229 19.9 16.1 24.1

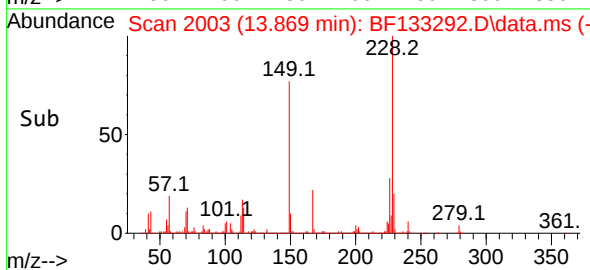
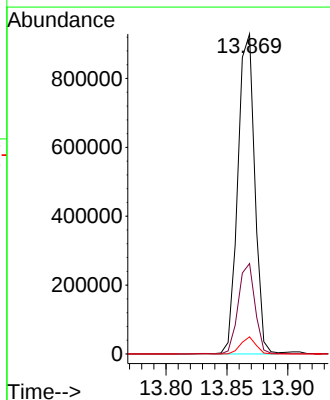
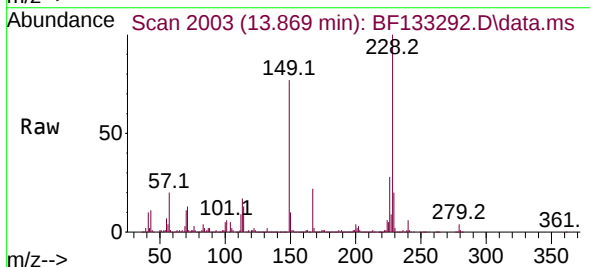
Manual Integrations
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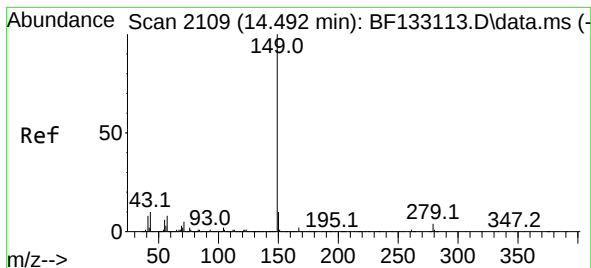
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.449 ng
RT: 13.869 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

Tgt Ion:149 Resp: 898022
Ion Ratio Lower Upper
149 100
167 28.3 22.5 33.7
279 5.3 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 49.122 ng

RT: 14.474 min Scan# 2106

Delta R.T. -0.006 min

Lab File: BF133292.D

Acq: 08 May 2023 13:42

Instrument :

BNA_F

ClientSampleId :

PB152610BSD

Tgt Ion:149 Resp: 148460

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

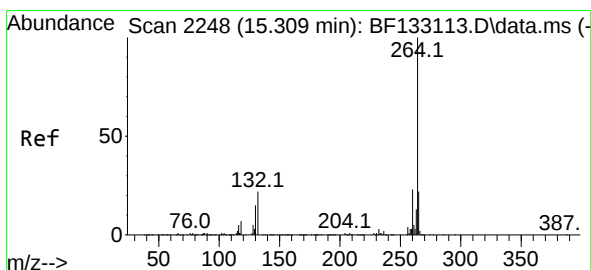
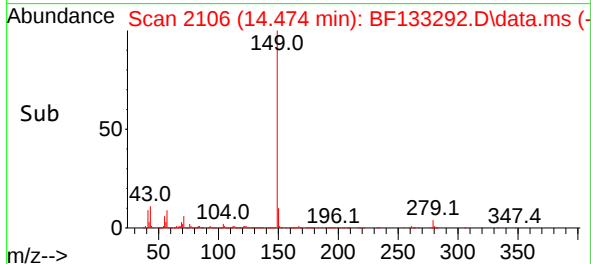
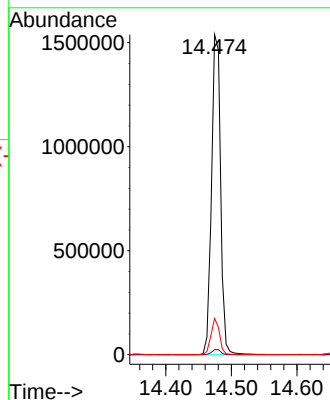
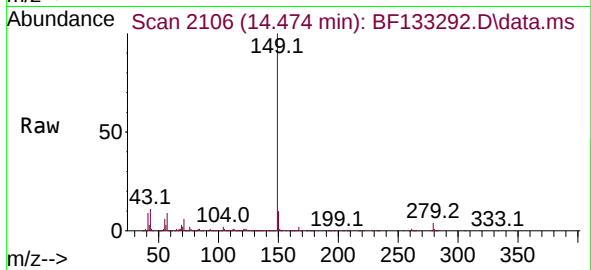
43 10.7 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 2245

Delta R.T. 0.000 min

Lab File: BF133292.D

Acq: 08 May 2023 13:42

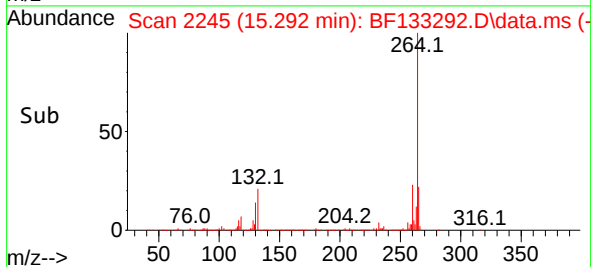
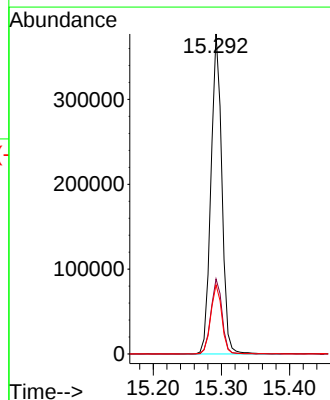
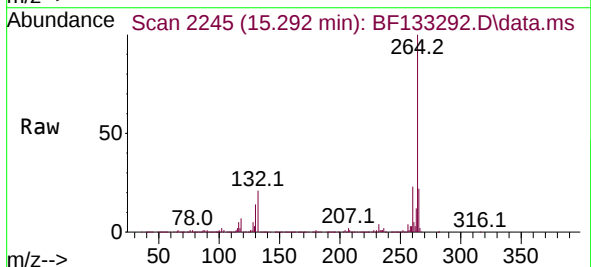
Tgt Ion:264 Resp: 419362

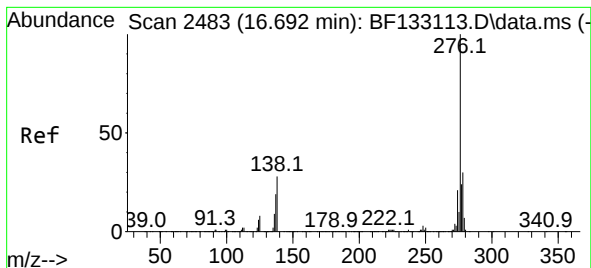
Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 21.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.923 ng

RT: 16.674 min Scan# 2480

Delta R.T. 0.000 min

Lab File: BF133292.D

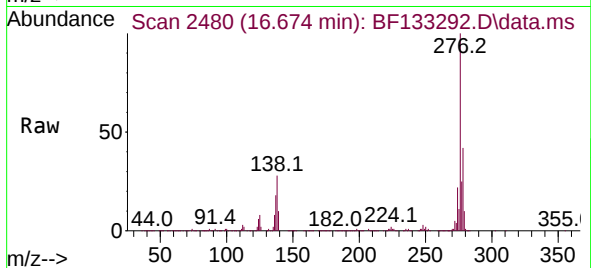
Acq: 08 May 2023 13:42

Instrument :

BNA_F

ClientSampleId :

PB152610BSD



Tgt Ion:276 Resp: 1238580

Ion Ratio Lower Upper

276 100

138 30.3 25.5 38.3

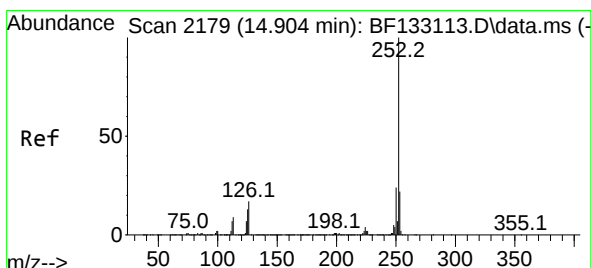
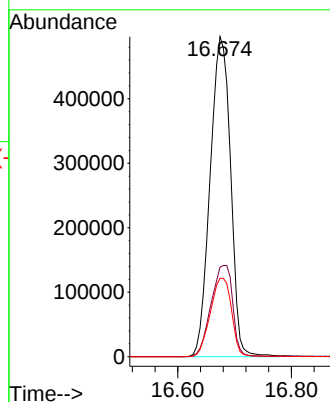
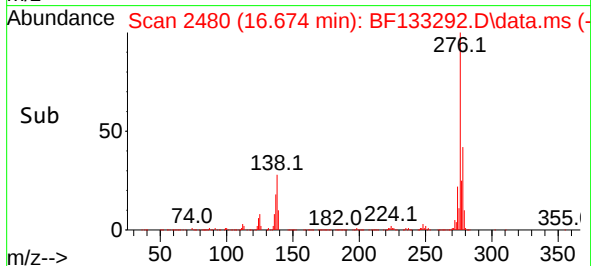
277 25.5 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023



#88

Benzo(b)fluoranthene

Concen: 45.528 ng

RT: 14.892 min Scan# 2177

Delta R.T. 0.000 min

Lab File: BF133292.D

Acq: 08 May 2023 13:42

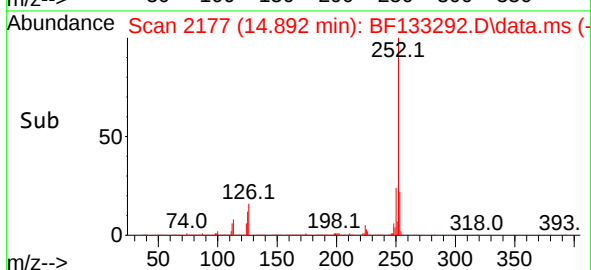
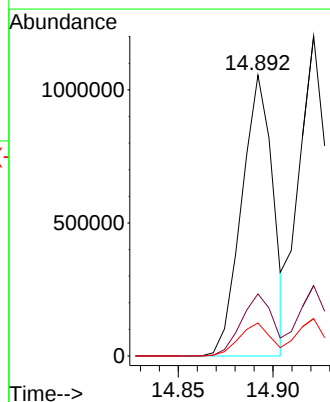
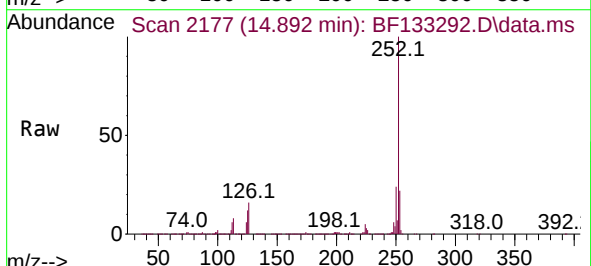
Tgt Ion:252 Resp: 1214645

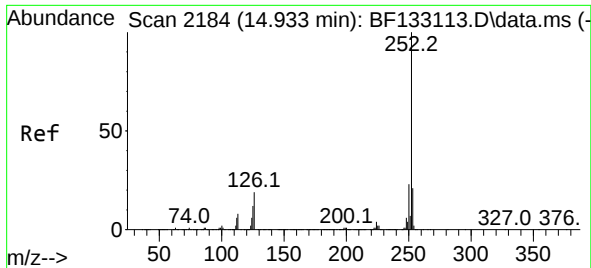
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 11.8 8.9 13.3





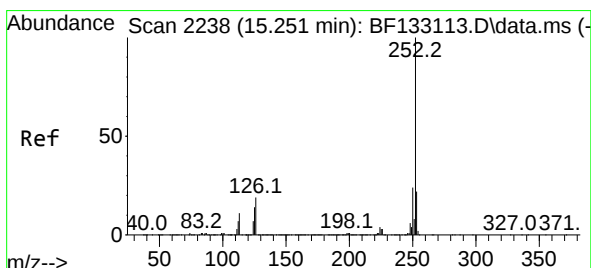
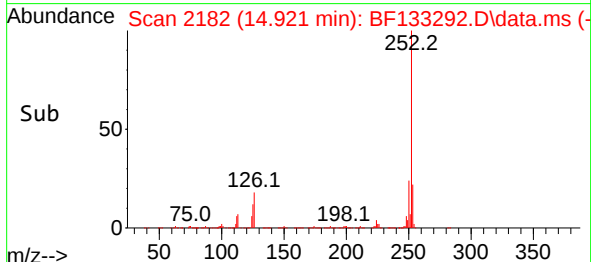
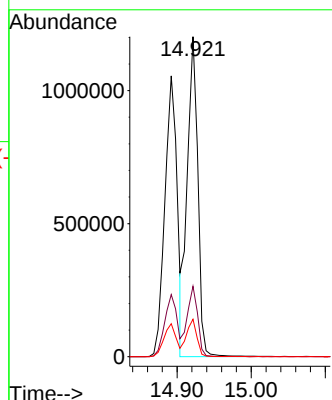
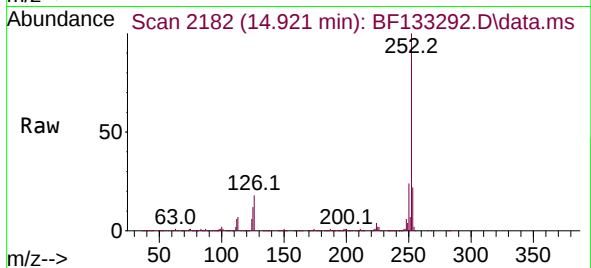
#89
Benzo(k)fluoranthene
Concen: 45.386 ng
RT: 14.921 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

Instrument :
BNA_F
ClientSampleId :
PB152610BSD

Tgt Ion:252 Resp: 120032
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 11.7 9.0 13.4

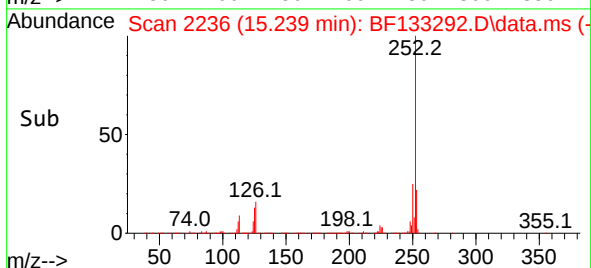
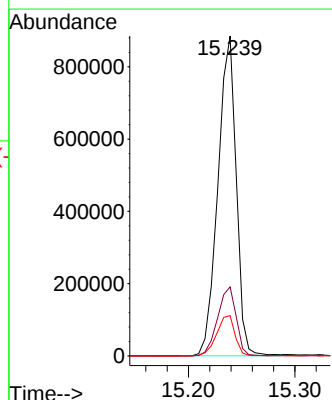
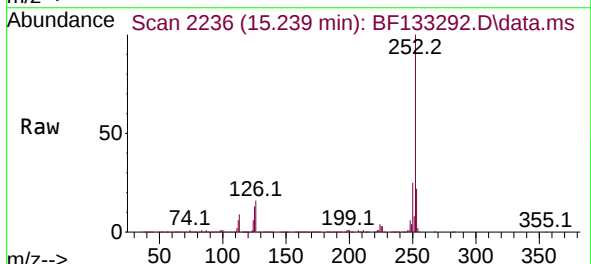
Manual Integrations
APPROVED

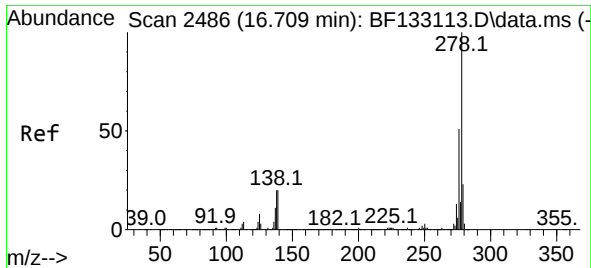
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#90
Benzo(a)pyrene
Concen: 43.436 ng
RT: 15.239 min Scan# 2236
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

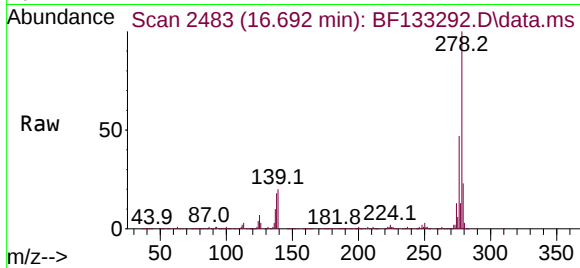
Tgt Ion:252 Resp: 1054780
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 12.6 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 51.918 ng
RT: 16.692 min Scan# 2486
Delta R.T. 0.000 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42

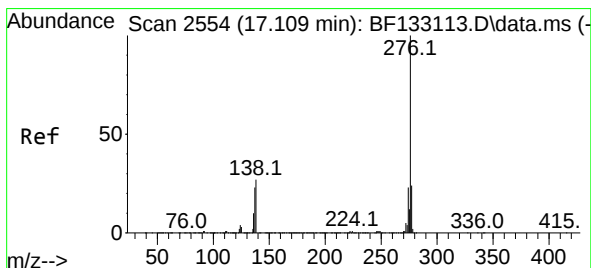
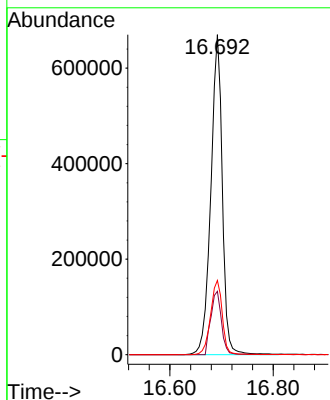
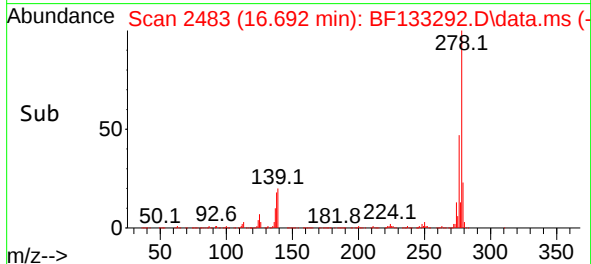
Instrument :
BNA_F
ClientSampleId :
PB152610BSD



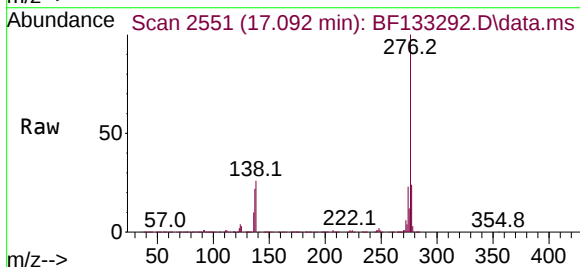
Tgt Ion:278 Resp: 1032930
Ion Ratio Lower Upper
278 100
139 19.8 16.6 24.8
279 23.2 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#92
Benzo(g,h,i)perylene
Concen: 52.645 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BF133292.D
Acq: 08 May 2023 13:42



Tgt Ion:276 Resp: 1034060
Ion Ratio Lower Upper
276 100
277 24.5 19.4 29.0
138 26.3 22.7 34.1

