

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133070.D
 Acq On : 26 Apr 2023 18:00
 Operator : CG\JU
 Sample : 02448-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230324-COMP-2MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/27/2023
 Supervised By : Jagrut Upadhyay 04/27/2023

Quant Time: Apr 27 01:58:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 01:56:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	182820	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	746445	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	384634	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	712846	20.000	ng	0.00
76) Chrysene-d12	13.892	240	414389	20.000	ng	0.00
86) Perylene-d12	15.304	264	386979	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1263537	104.404	ng	0.01
7) Phenol-d6	6.381	99	1557184	103.663	ng	0.00
23) Nitrobenzene-d5	7.304	82	909508	65.768	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	418898	108.292	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1485864	64.629	ng	0.00
79) Terphenyl-d14	12.839	244	1762034	73.335	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.452	88	254810	45.392	ng	96
3) Pyridine	3.152	79	647751	43.445	ng	96
4) n-Nitrosodimethylamine	3.110	42	350477	45.383	ng	92
6) Aniline	6.398	93	837128	43.268	ng	# 69
8) 2-Chlorophenol	6.522	128	633723	51.573	ng	97
9) Benzaldehyde	6.281	77	391504	76.862	ng	99
10) Phenol	6.393	94	762060	45.986	ng	# 73
11) bis(2-Chloroethyl)ether	6.475	93	606148	48.743	ng	97
12) 1,3-Dichlorobenzene	6.681	146	665268	50.923	ng	96
13) 1,4-Dichlorobenzene	6.757	146	675988	51.629	ng	98
14) 1,2-Dichlorobenzene	6.910	146	650566	53.894	ng	99
15) Benzyl Alcohol	6.887	79	517605	49.883	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.022	45	990559	45.862	ng	97
17) 2-Methylphenol	7.004	107	506887	45.050	ng	99
18) Hexachloroethane	7.251	117	233963	51.397	ng	96
19) n-Nitroso-di-n-propyla...	7.157	70	407144	43.537	ng	97
20) 3+4-Methylphenols	7.157	107	603299	45.529	ng	# 82
22) Acetophenone	7.151	105	824800	47.701	ng	100
24) Nitrobenzene	7.322	77	638420	45.558	ng	98
25) Isophorone	7.563	82	1187776	45.237	ng	99
26) 2-Nitrophenol	7.640	139	353879	52.357	ng	94
27) 2,4-Dimethylphenol	7.687	122	552865	47.703	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	706403	45.478	ng	99
29) 2,4-Dichlorophenol	7.881	162	510445	48.380	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	543259	49.701	ng	99
31) Naphthalene	8.045	128	1754047	47.000	ng	99
32) Benzoic acid	7.810	122	364916	50.973	ng	97
33) 4-Chloroaniline	8.092	127	569129	37.744	ng	99
34) Hexachlorobutadiene	8.163	225	288555	47.631	ng	99
35) Caprolactam	8.469	113	190400m	53.719	ng	
36) 4-Chloro-3-methylphenol	8.581	107	551533	48.475	ng	97
37) 2-Methylnaphthalene	8.734	142	1151045	45.113	ng	99
38) 1-Methylnaphthalene	8.834	142	1087289	45.553	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	478731	46.291	ng	100
41) Hexachlorocyclopentadiene	8.892	237	574580	95.266	ng	99
43) 2,4,6-Trichlorophenol	9.010	196	346964	48.513	ng	99

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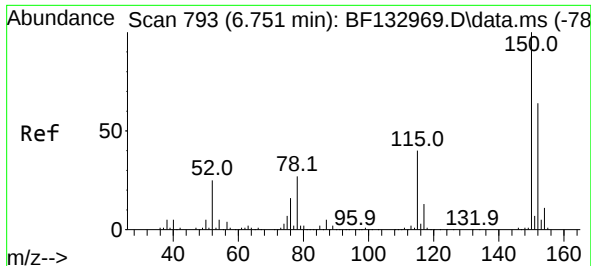
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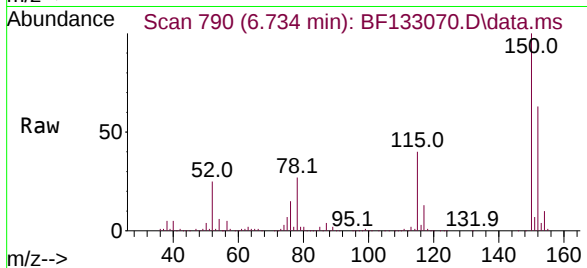
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	363054	43.892	ng	98
46) 1,1'-Biphenyl	9.198	154	1415659	46.415	ng	100
47) 2-Chloronaphthalene	9.222	162	1062303	47.586	ng	99
48) 2-Nitroaniline	9.316	65	346792	47.004	ng	94
49) Acenaphthylene	9.639	152	1652781	46.335	ng	99
50) Dimethylphthalate	9.504	163	1245035	46.422	ng	99
51) 2,6-Dinitrotoluene	9.563	165	295244	48.910	ng	# 85
52) Acenaphthene	9.810	154	1209606m	50.632	ng	
53) 3-Nitroaniline	9.728	138	312093	43.482	ng	99
54) 2,4-Dinitrophenol	9.833	184	325500	107.277	ng	98
55) Dibenzofuran	9.981	168	1501583	46.077	ng	98
56) 4-Nitrophenol	9.898	139	552540	99.394	ng	94
57) 2,4-Dinitrotoluene	9.963	165	397662	51.657	ng	94
58) Fluorene	10.322	166	1093777	45.812	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	321301	50.105	ng	96
60) Diethylphthalate	10.204	149	1196919	47.248	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	527601	45.346	ng	98
62) 4-Nitroaniline	10.345	138	360080	54.584	ng	97
63) Azobenzene	10.475	77	1246577	46.451	ng	99
65) 4,6-Dinitro-2-methylph...	10.375	198	232619	53.838	ng	98
66) n-Nitrosodiphenylamine	10.439	169	1032285	44.643	ng	98
67) 4-Bromophenyl-phenylether	10.804	248	351669	45.487	ng	97
68) Hexachlorobenzene	10.869	284	388248	49.008	ng	96
69) Atrazine	10.969	200	361201	54.212	ng	99
70) Pentachlorophenol	11.063	266	447733	79.356	ng	97
71) Phenanthrene	11.280	178	1711905	44.682	ng	99
72) Anthracene	11.333	178	1755078	44.762	ng	100
73) Carbazole	11.486	167	1658600	47.506	ng	99
74) Di-n-butylphthalate	11.822	149	1916521	48.507	ng	100
75) Fluoranthene	12.469	202	1811530	47.112	ng	97
77) Benzidine	12.586	184	977181	139.447	ng	# 94
78) Pyrene	12.692	202	1854250	52.199	ng	98
80) Butylbenzylphthalate	13.316	149	773812	61.523	ng	94
81) Benzo(a)anthracene	13.880	228	1336445	46.899	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	402004	51.067	ng	99
83) Chrysene	13.916	228	1312234	46.061	ng	98
84) Bis(2-ethylhexyl)phtha...	13.880	149	854738	54.141	ng	99
85) Di-n-octyl phthalate	14.492	149	1344118	52.215	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1476184	67.062	ng	100
88) Benzo(b)fluoranthene	14.904	252	1103407	44.819	ng	98
89) Benzo(k)fluoranthene	14.933	252	1092769	44.777	ng	99
90) Benzo(a)pyrene	15.251	252	1008080	44.986	ng	100
91) Dibenzo(a,h)anthracene	16.709	278	1232955	67.157	ng	100
92) Benzo(g,h,i)perylene	17.109	276	1253987	69.185	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

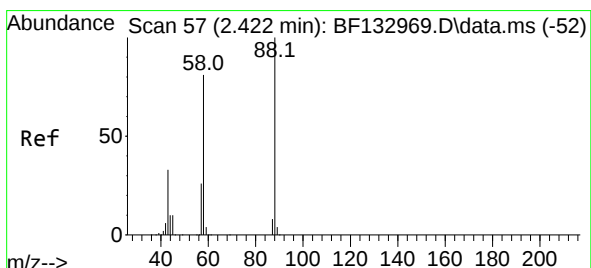
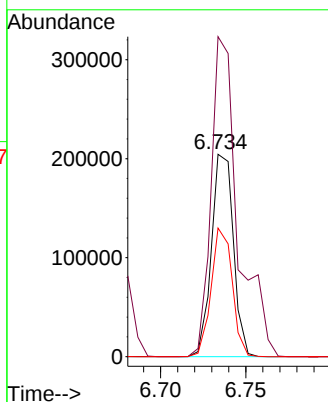
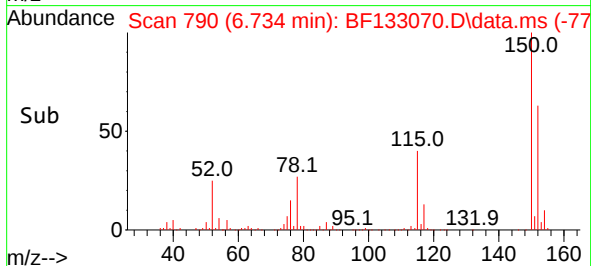
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS



Tgt Ion: 152 Resp: 182820
Ion Ratio Lower Upper
152 100
150 158.1 124.8 187.2
115 63.6 49.9 74.9

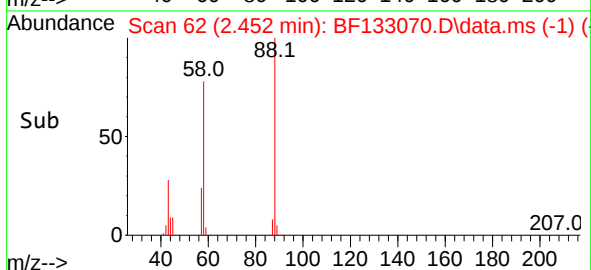
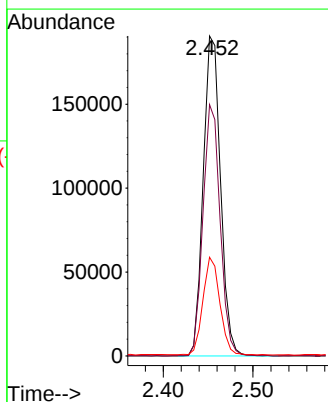
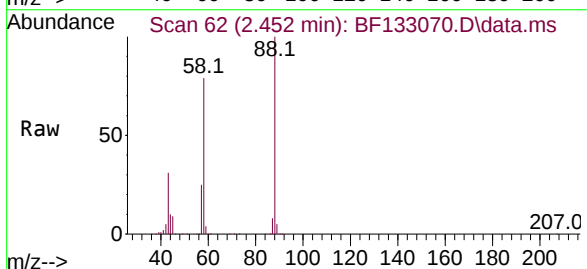
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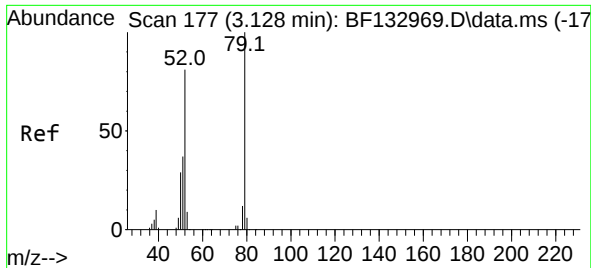
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#2
1,4-Dioxane
Concen: 45.392 ng
RT: 2.452 min Scan# 62
Delta R.T. 0.065 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

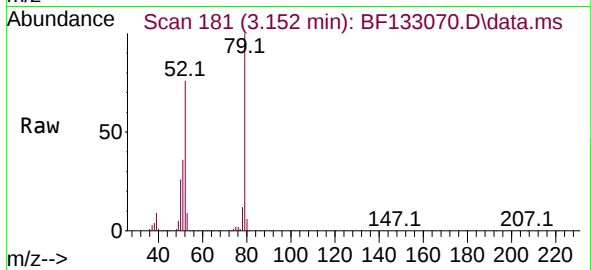
Tgt Ion: 88 Resp: 254810
Ion Ratio Lower Upper
88 100
58 78.2 64.7 97.1
43 29.9 26.2 39.2





#3
Pyridine
Concen: 43.445 ng
RT: 3.152 min Scan# 177
Delta R.T. 0.071 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

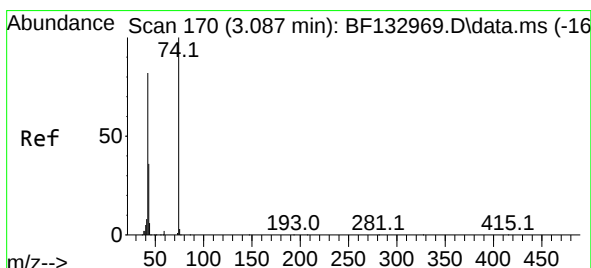
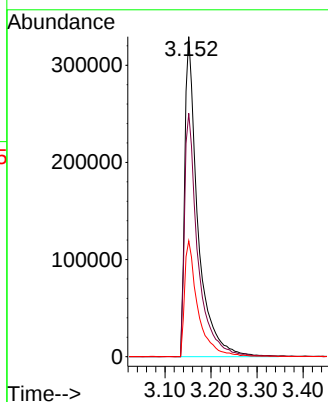
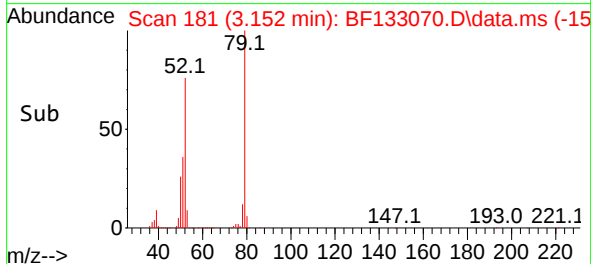
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS



Tgt Ion: 79 Resp: 64775
Ion Ratio Lower Upper
79 100
52 76.1 64.6 96.8
51 36.2 30.0 45.0

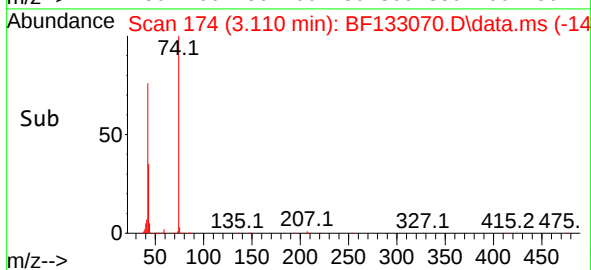
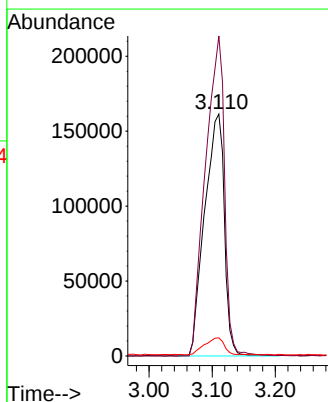
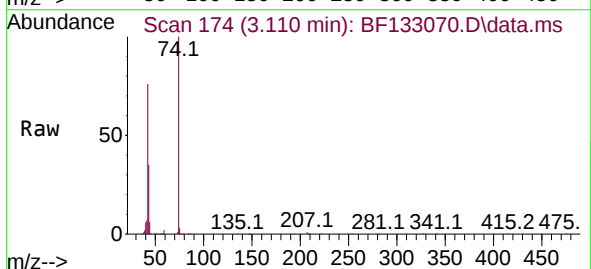
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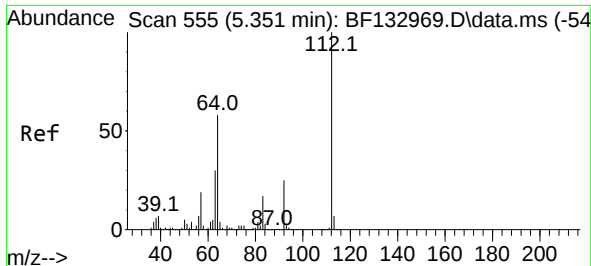
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#4
n-Nitrosodimethylamine
Concen: 45.383 ng
RT: 3.110 min Scan# 174
Delta R.T. 0.071 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

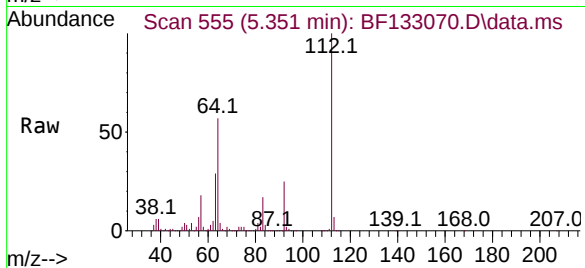
Tgt Ion: 42 Resp: 350477
Ion Ratio Lower Upper
42 100
74 132.3 98.0 147.0
44 7.5 5.8 8.8





#5
2-Fluorophenol
Concen: 104.404 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

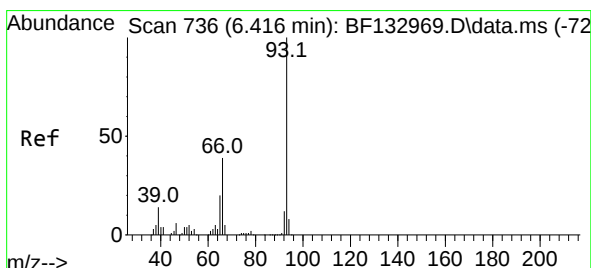
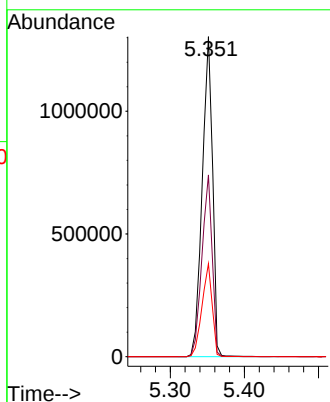
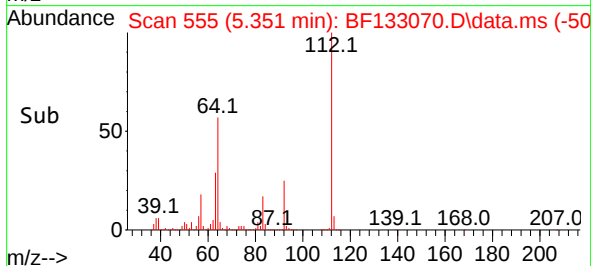
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 126353
Ion Ratio Lower Upper
112 100
64 56.8 46.8 70.2
63 29.0 23.8 35.8

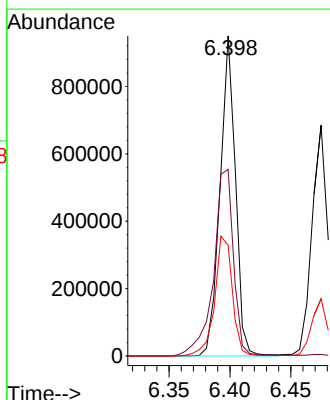
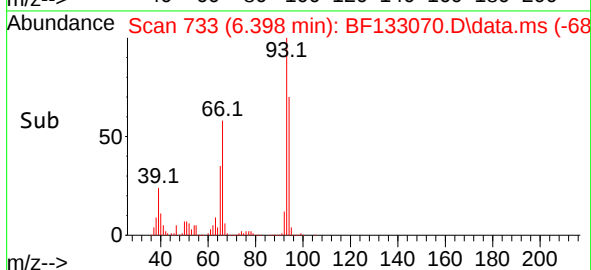
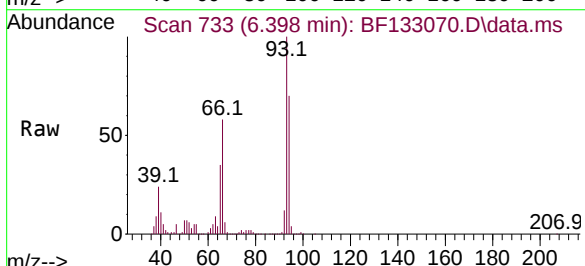
Manual Integrations
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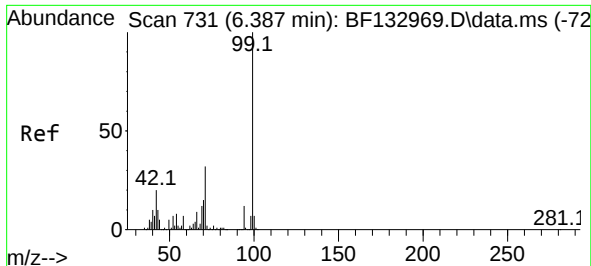
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#6
Aniline
Concen: 43.268 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

Tgt Ion: 93 Resp: 837128
Ion Ratio Lower Upper
93 100
66 58.3 31.5 47.3#
65 34.6 16.4 24.6#





#7

Phenol-d6

Concen: 103.663 ng

RT: 6.381 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

Instrument :

BNA_F

ClientSampleId :

20230324-COMP-2MS

Tgt Ion: 99 Resp: 1557184

Ion Ratio Lower Upper

99 100

42 19.3 16.3 24.5

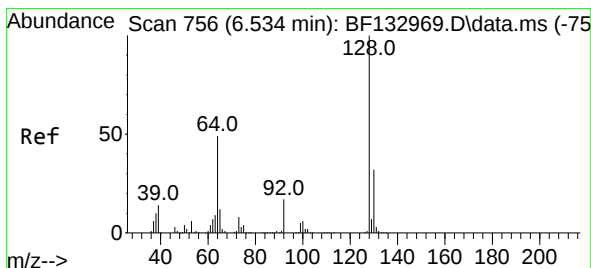
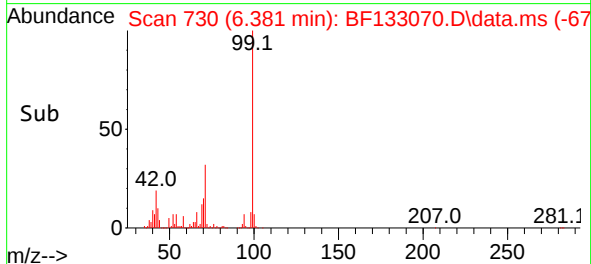
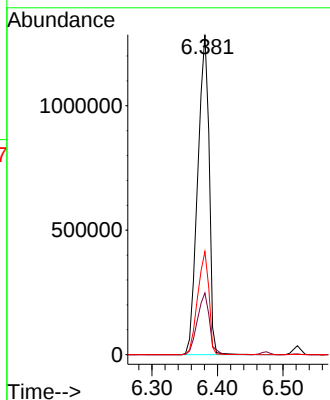
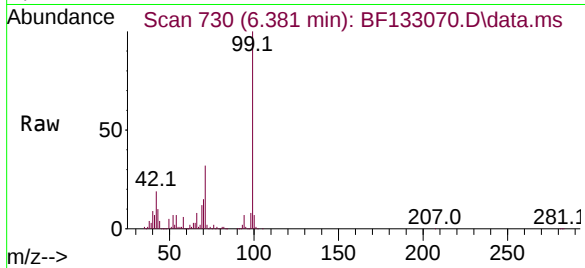
71 32.2 25.6 38.4

Manual Integrations

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#8

2-Chlorophenol

Concen: 51.573 ng

RT: 6.522 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

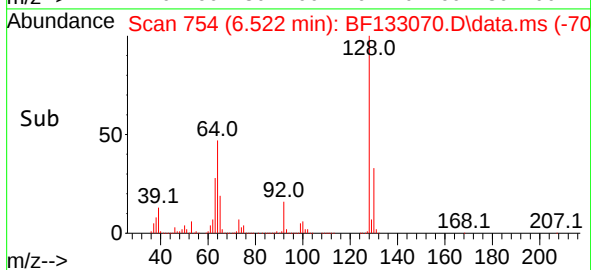
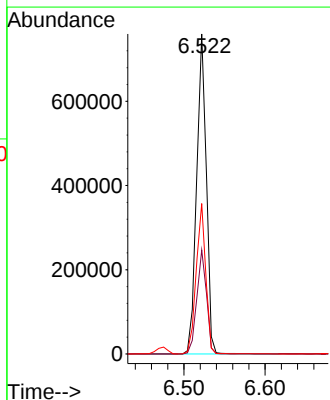
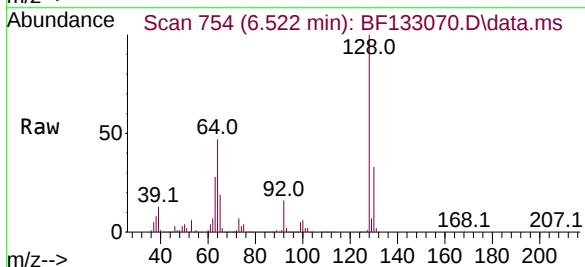
Tgt Ion:128 Resp: 633723

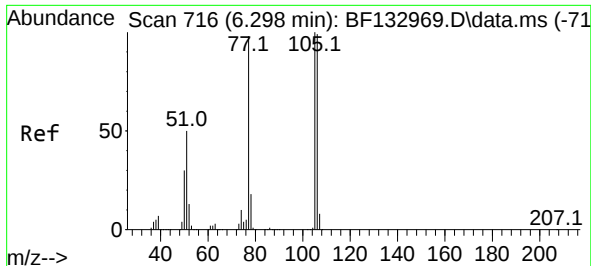
Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

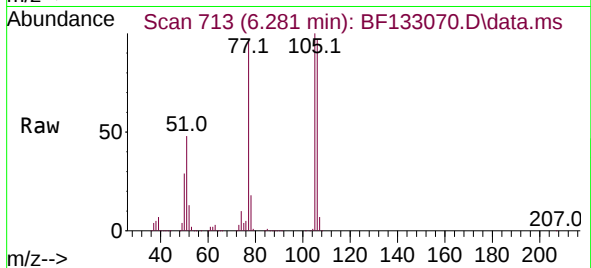
64 47.0 30.3 70.3





#9
Benzaldehyde
Concen: 76.862 ng
RT: 6.281 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

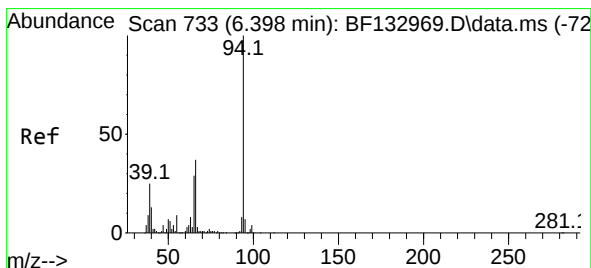
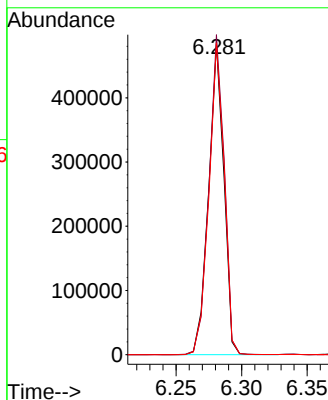
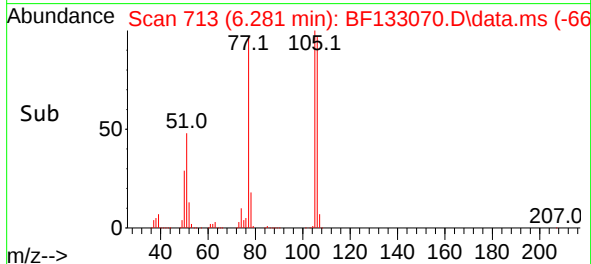
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS



Tgt Ion: 77 Resp: 391504
Ion Ratio Lower Upper
77 100
105 103.0 82.3 122.3
106 100.4 80.8 120.8

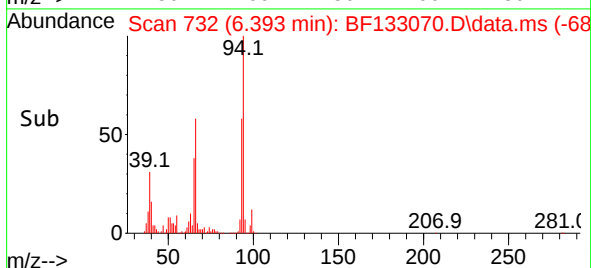
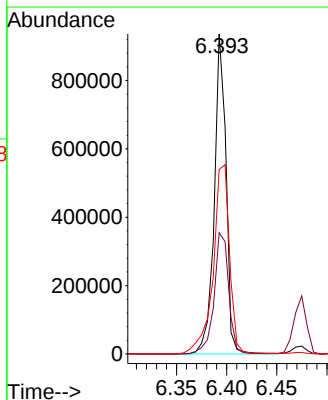
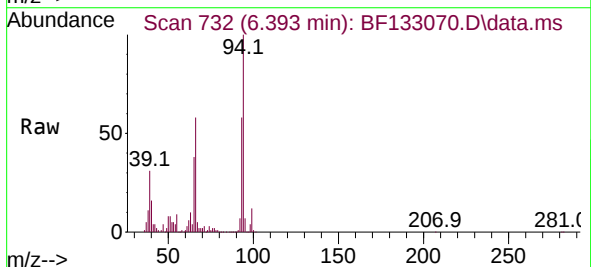
Manual Integrations
APPROVED

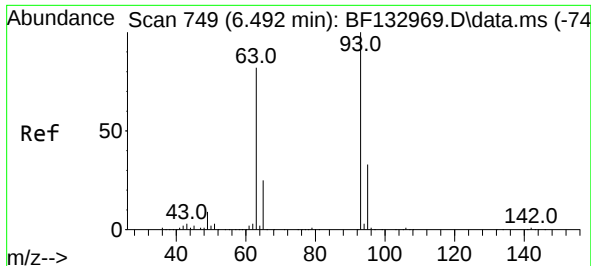
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#10
Phenol
Concen: 45.986 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

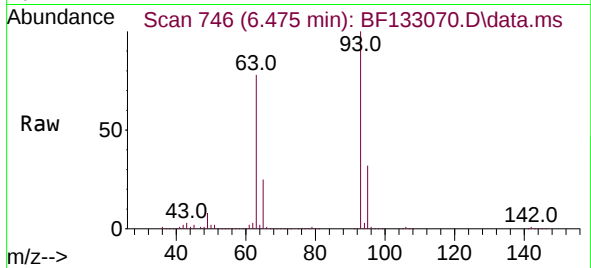
Tgt Ion: 94 Resp: 762060
Ion Ratio Lower Upper
94 100
65 37.9 8.6 48.6
66 57.7 17.3 57.3#





#11
bis(2-Chloroethyl)ether
Concen: 48.743 ng
RT: 6.475 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

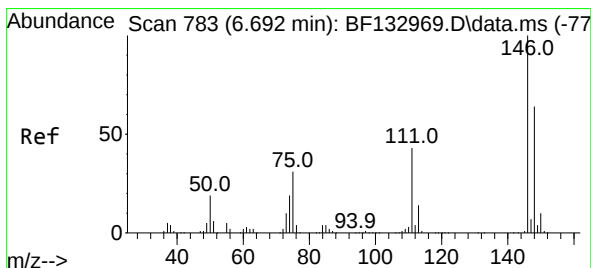
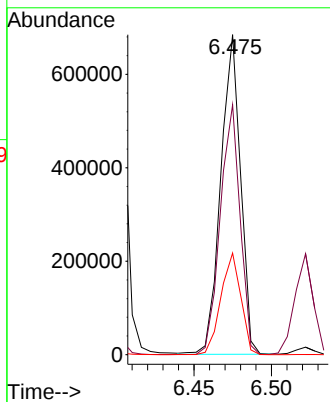
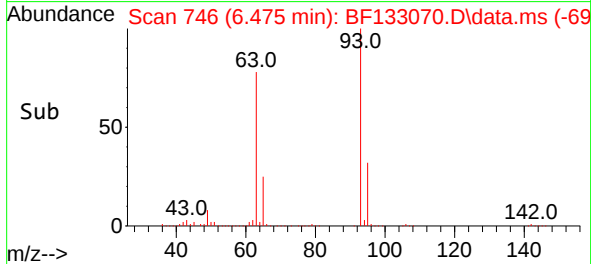
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS



Tgt Ion: 93 Resp: 606148
Ion Ratio Lower Upper
93 100
63 78.1 60.6 100.6
95 31.7 12.9 52.9

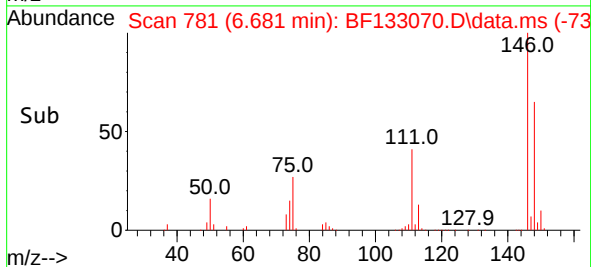
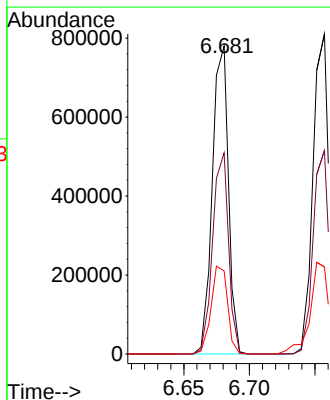
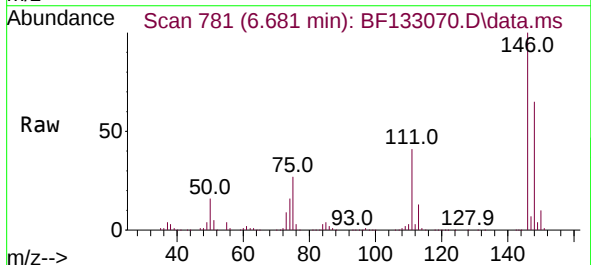
Manual Integrations
APPROVED

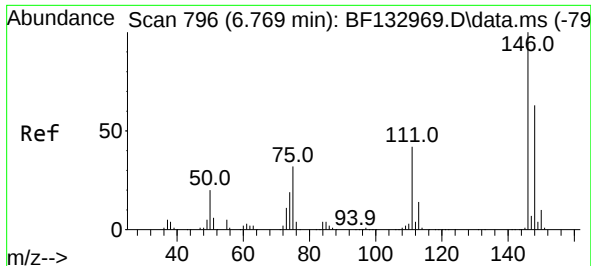
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#12
1,3-Dichlorobenzene
Concen: 50.923 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

Tgt Ion:146 Resp: 665268
Ion Ratio Lower Upper
146 100
148 65.3 51.0 76.4
75 27.0 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 51.629 ng

RT: 6.757 min Scan# 796

Delta R.T. 0.000 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

Instrument :

BNA_F

ClientSampleId :

20230324-COMP-2MS

Tgt Ion:146 Resp: 67598

Ion Ratio Lower Upper

146 100

148 63.6 50.3 75.5

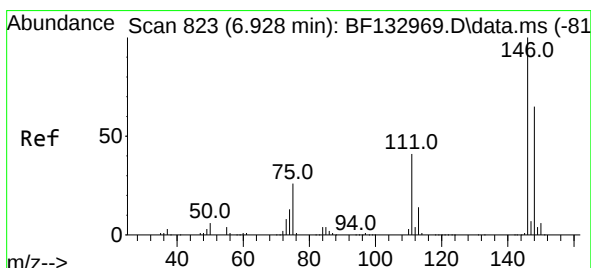
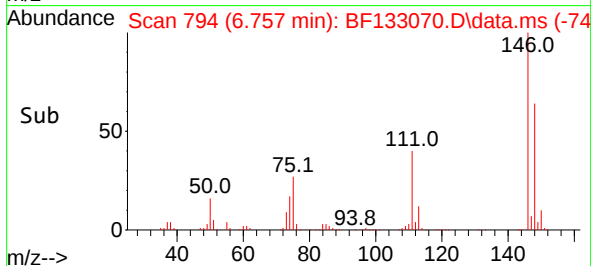
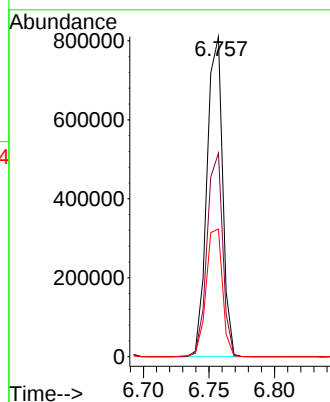
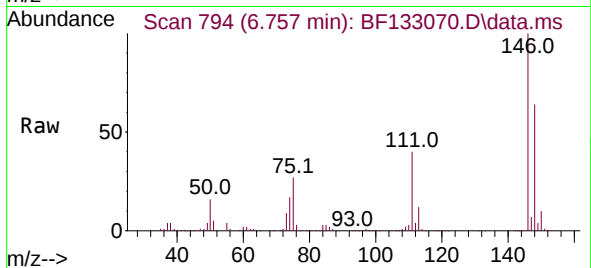
111 39.9 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#14

1,2-Dichlorobenzene

Concen: 53.894 ng

RT: 6.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

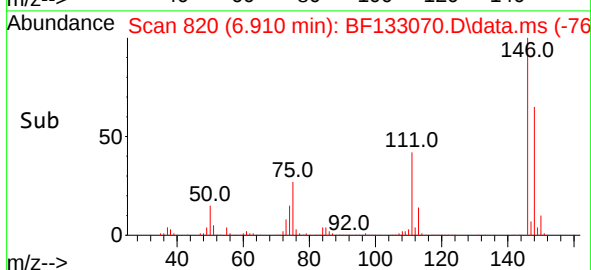
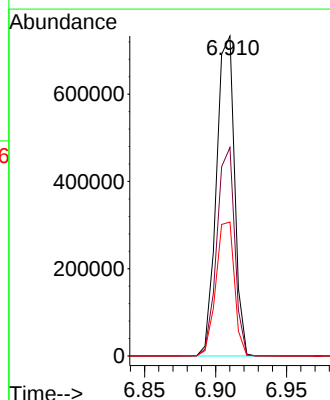
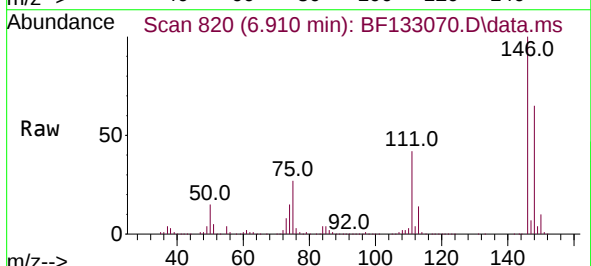
Tgt Ion:146 Resp: 650566

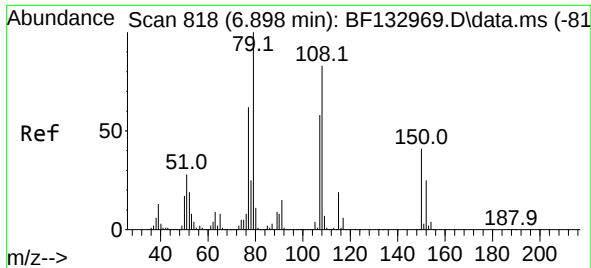
Ion Ratio Lower Upper

146 100

148 65.2 52.2 78.2

111 41.8 32.8 49.2





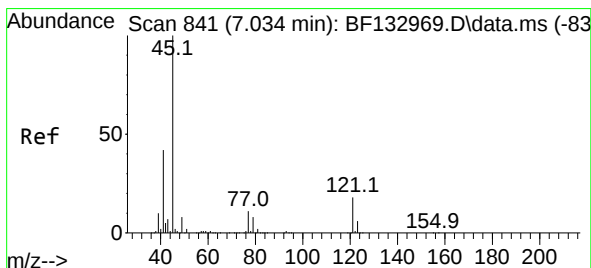
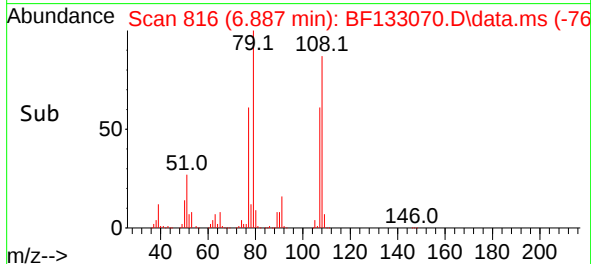
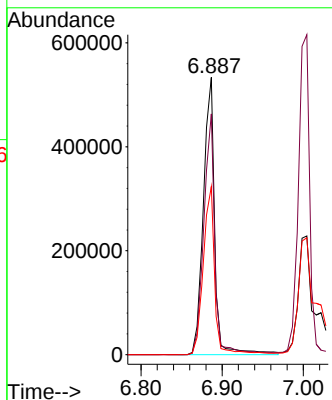
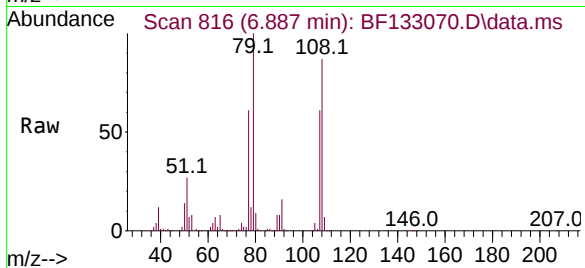
#15
Benzyl Alcohol
Concen: 49.883 ng
RT: 6.887 min Scan# 818
Delta R.T. 0.006 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS

Tgt Ion: 79 Resp: 51760
Ion Ratio Lower Upper
79 100
108 86.9 66.6 99.8
77 60.6 49.2 73.8

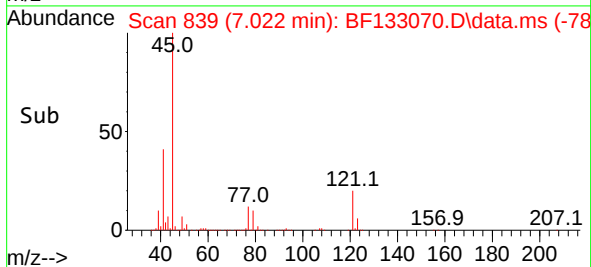
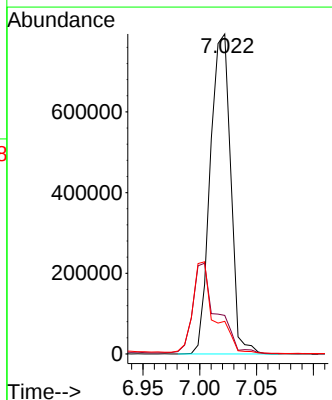
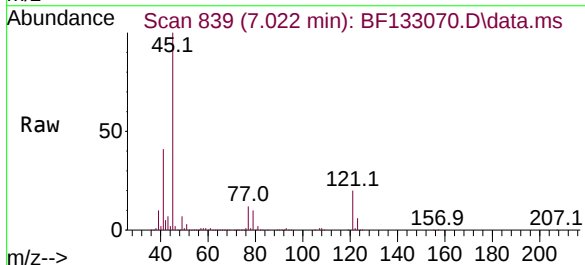
Manual Integrations
APPROVED

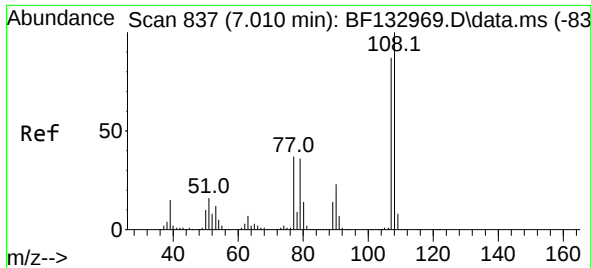
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.862 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

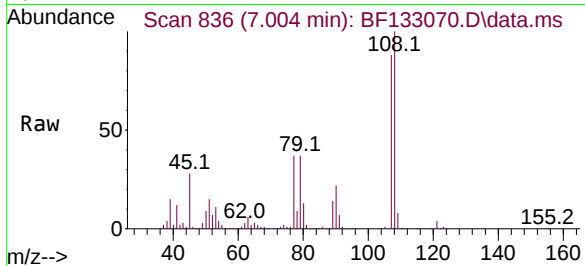
Tgt Ion: 45 Resp: 990559
Ion Ratio Lower Upper
45 100
77 12.1 0.0 31.5
79 10.2 0.0 28.7





#17
2-Methylphenol
Concen: 45.050 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

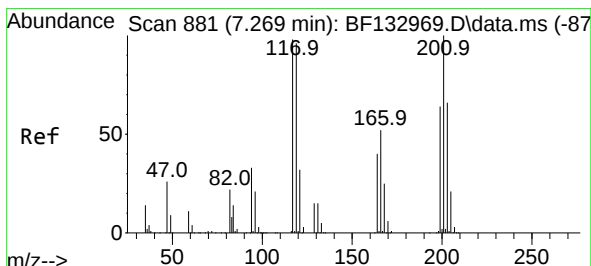
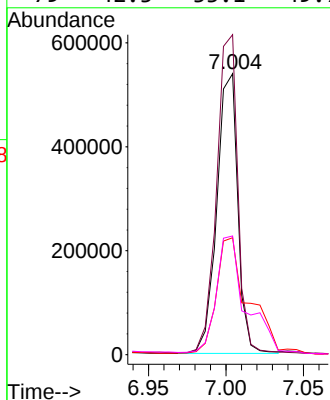
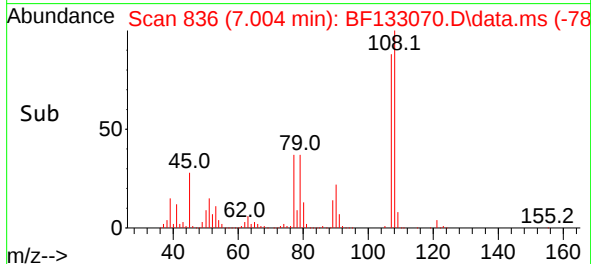
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS



Tgt Ion:107 Resp: 50688
Ion Ratio Lower Upper
107 100
108 113.9 92.4 138.6
77 41.6 33.8 50.8
79 42.3 33.1 49.7

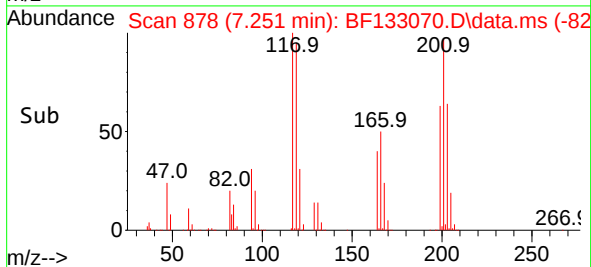
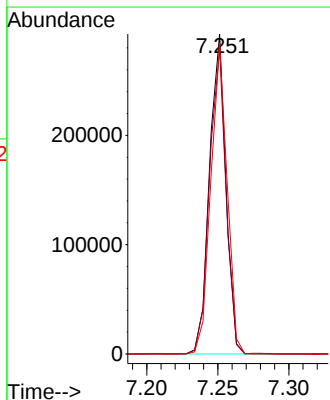
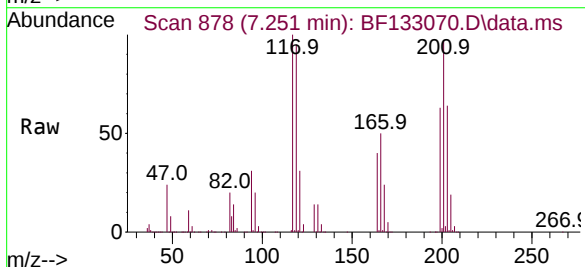
Manual Integrations
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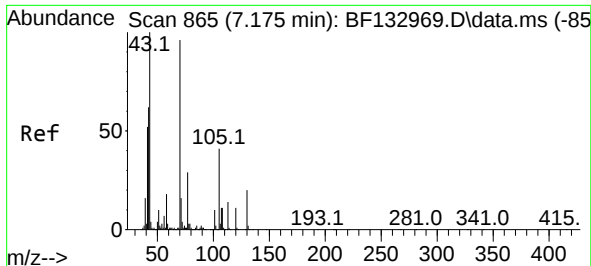
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#18
Hexachloroethane
Concen: 51.397 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

Tgt Ion:117 Resp: 233963
Ion Ratio Lower Upper
117 100
119 95.5 78.2 117.4
201 96.7 81.7 122.5





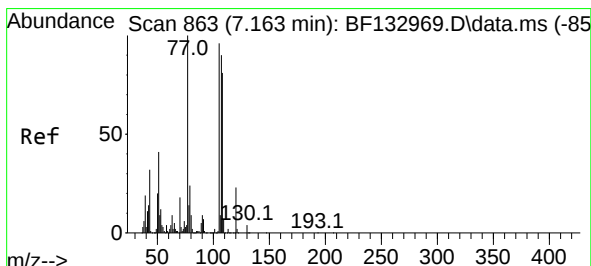
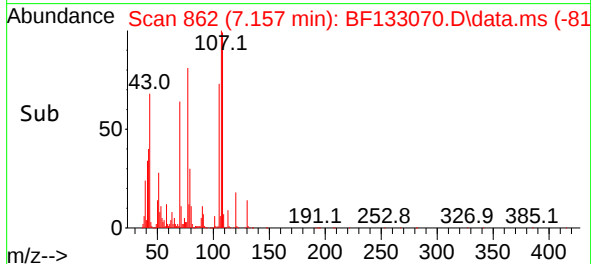
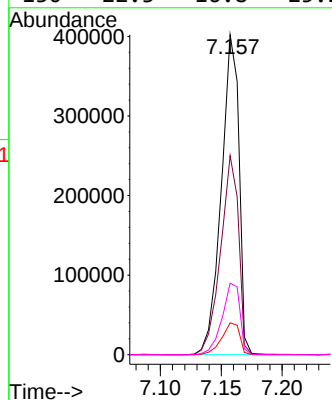
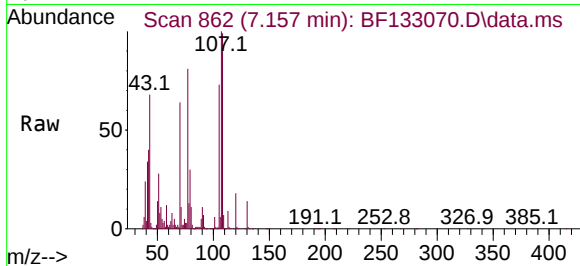
#19
n-Nitroso-di-n-propylamine
Concen: 43.537 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS

Tgt Ion: 70 Resp: 407144
Ion Ratio Lower Upper
70 100
42 62.2 51.8 77.6
101 9.9 8.0 12.0
130 22.3 16.8 25.2

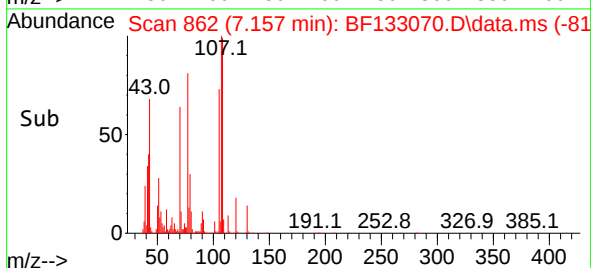
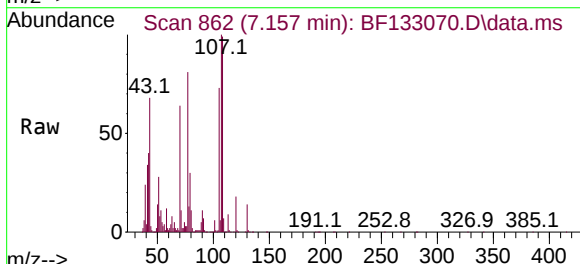
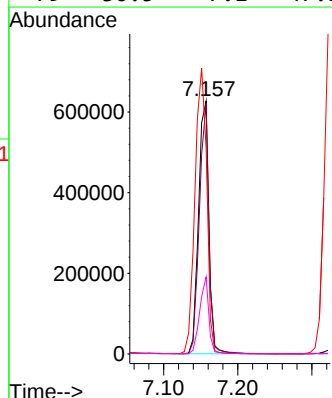
Manual Integrations
APPROVED

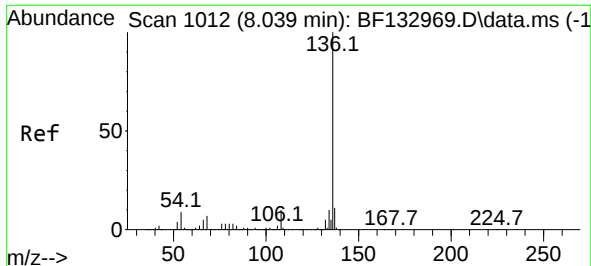
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#20
3+4-Methylphenols
Concen: 45.529 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.006 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

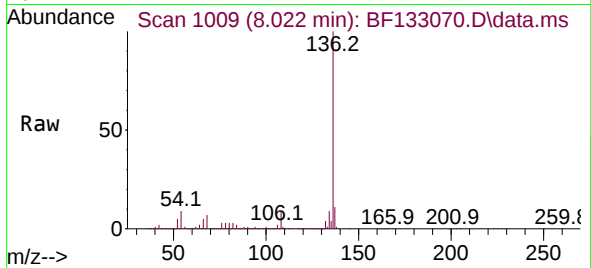
Tgt Ion:107 Resp: 603299
Ion Ratio Lower Upper
107 100
108 98.8 70.5 110.5
77 81.2 91.7 131.7#
79 30.5 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

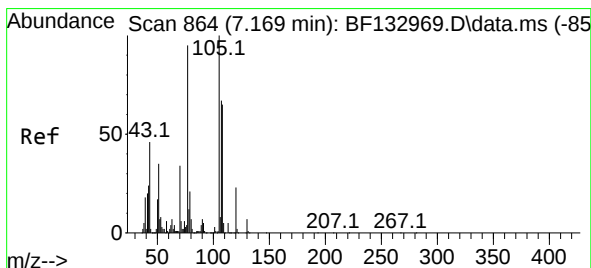
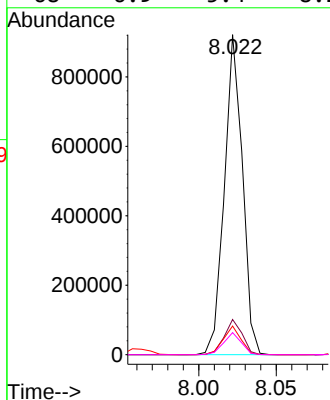
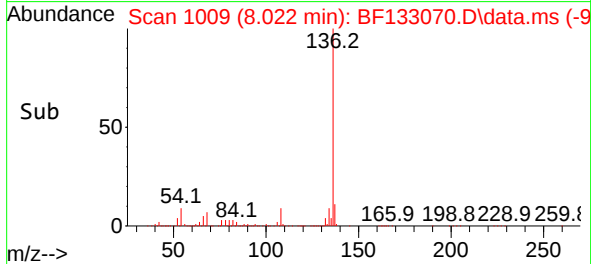
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS



Tgt Ion:136 Resp: 746445
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.0 7.0 10.4
68 6.9 5.4 8.2

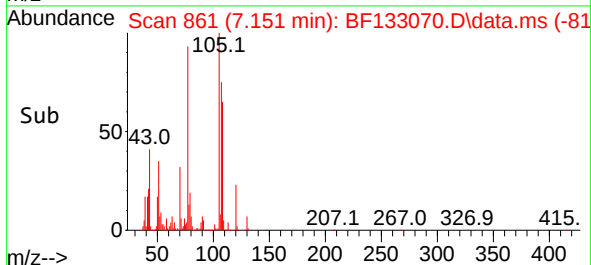
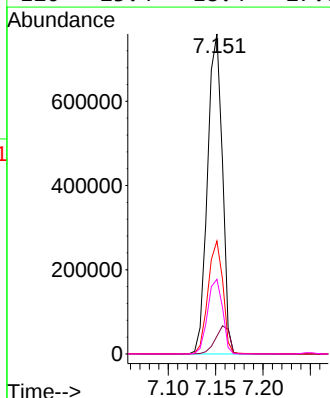
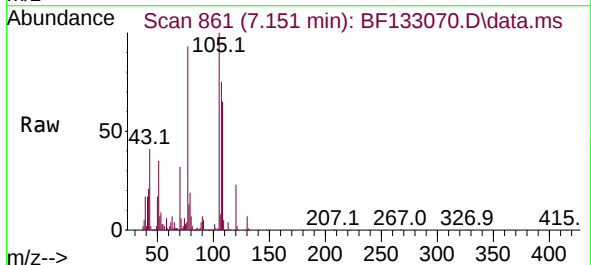
Manual Integrations
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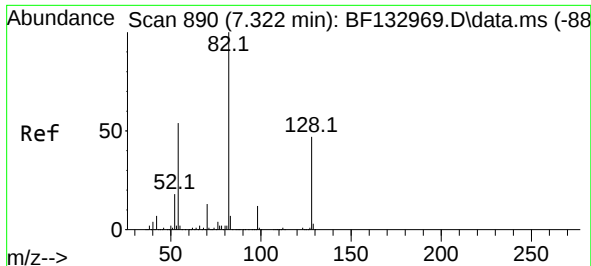
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#22
Acetophenone
Concen: 47.701 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

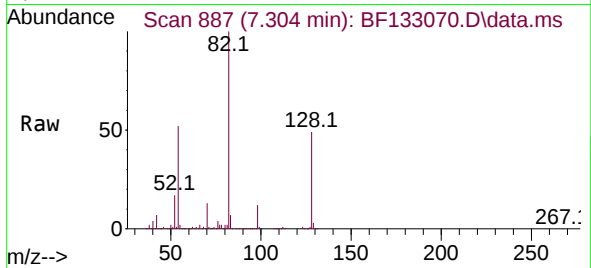
Tgt Ion:105 Resp: 824800
Ion Ratio Lower Upper
105 100
71 5.6 4.6 7.0
51 35.3 28.2 42.2
120 23.4 18.4 27.6





#23
Nitrobenzene-d5
Concen: 65.768 ng
RT: 7.304 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

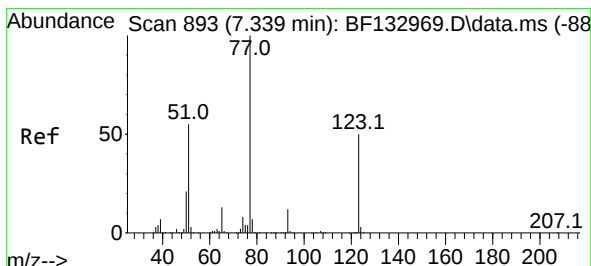
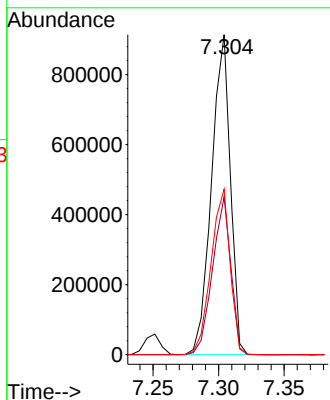
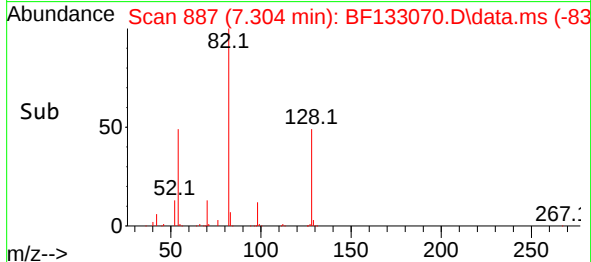
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS



Tgt Ion: 82 Resp: 909508
Ion Ratio Lower Upper
82 100
128 49.3 37.7 56.5
54 51.8 43.0 64.4

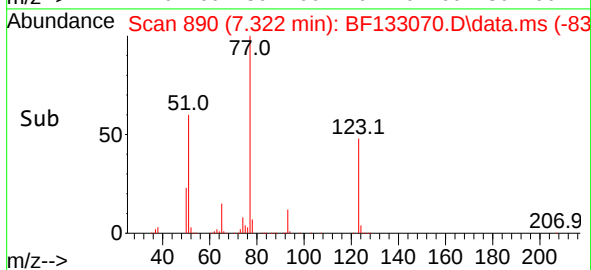
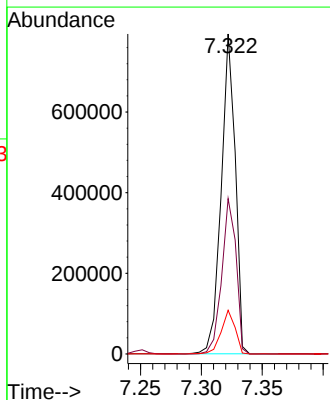
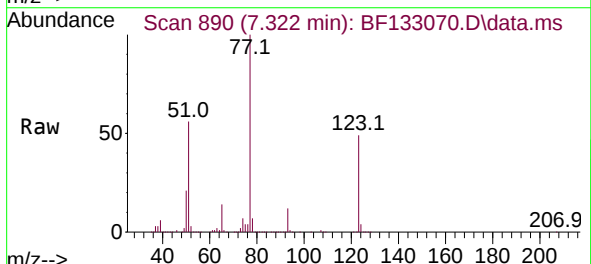
Manual Integrations
APPROVED

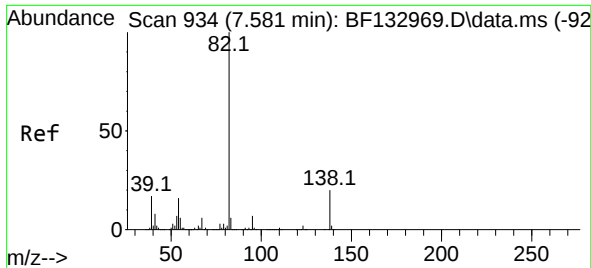
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#24
Nitrobenzene
Concen: 45.558 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

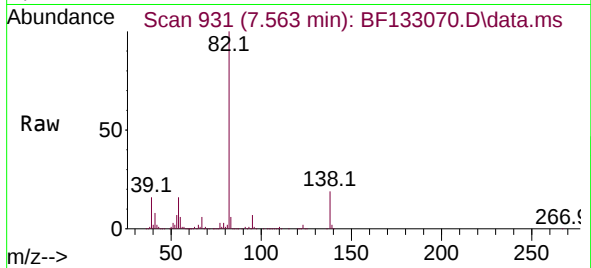
Tgt Ion: 77 Resp: 638420
Ion Ratio Lower Upper
77 100
123 48.6 39.9 59.9
65 13.7 10.7 16.1





#25
Isophorone
Concen: 45.237 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

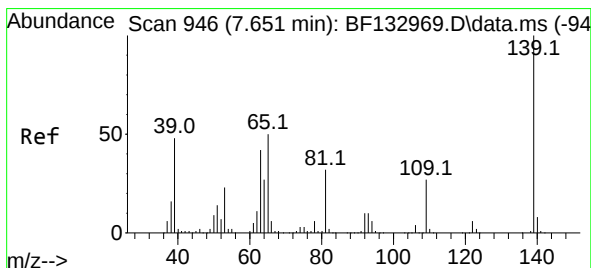
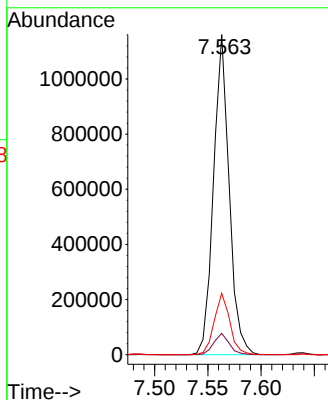
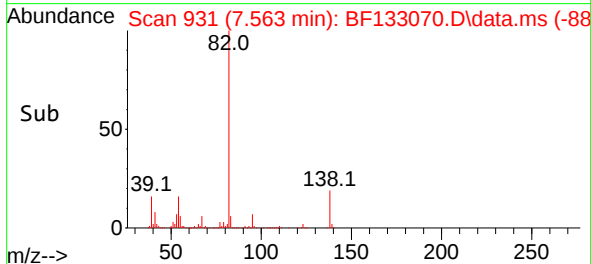
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS



Tgt Ion: 82 Resp: 1187770
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 19.2 16.0 24.0

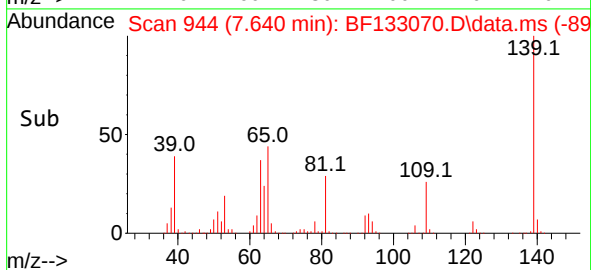
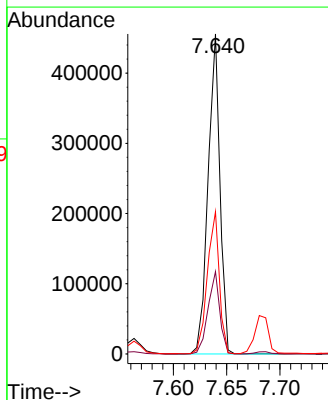
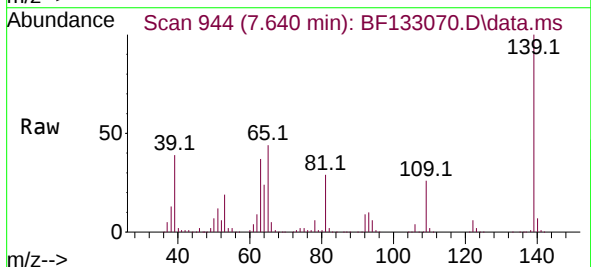
Manual Integrations
APPROVED

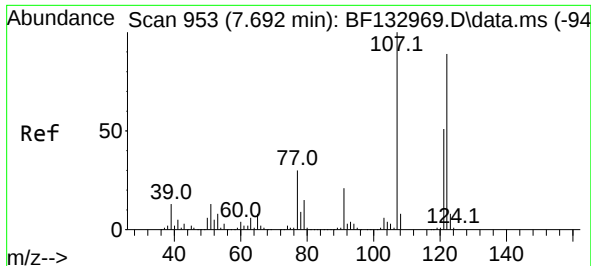
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#26
2-Nitrophenol
Concen: 52.357 ng
RT: 7.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

Tgt Ion:139 Resp: 353879
Ion Ratio Lower Upper
139 100
109 25.8 21.6 32.4
65 44.4 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 47.703 ng

RT: 7.687 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

Instrument :

BNA_F

ClientSampleId :

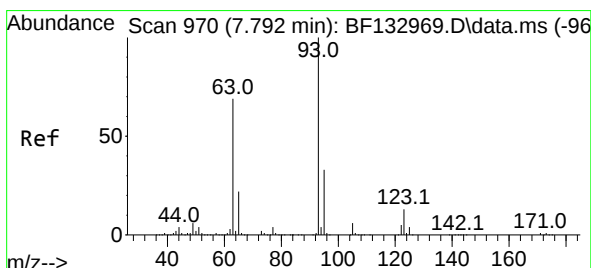
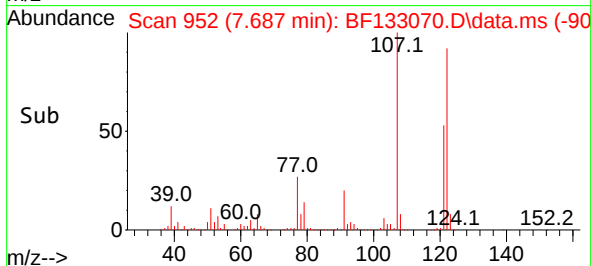
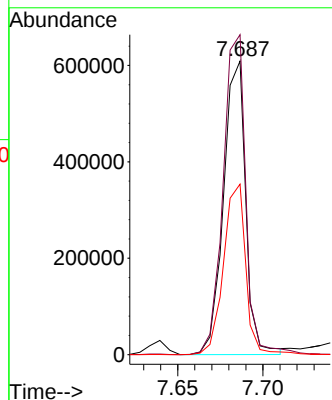
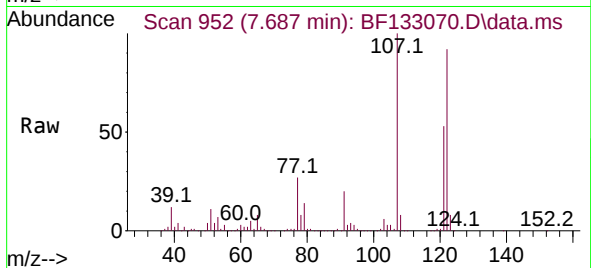
20230324-COMP-2MS

Tgt Ion:122 Resp: 55286
 Ion Ratio Lower Upper
 122 100
 107 109.0 89.7 134.5
 121 58.1 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.478 ng

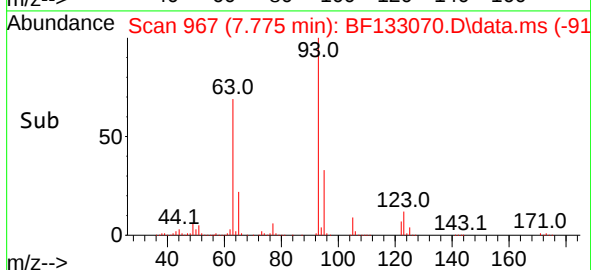
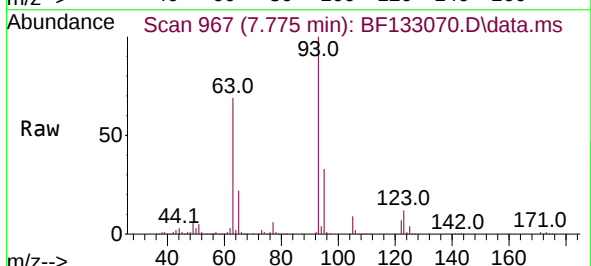
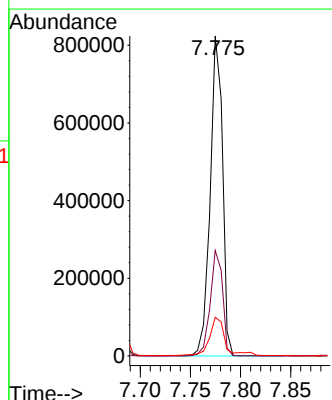
RT: 7.775 min Scan# 967

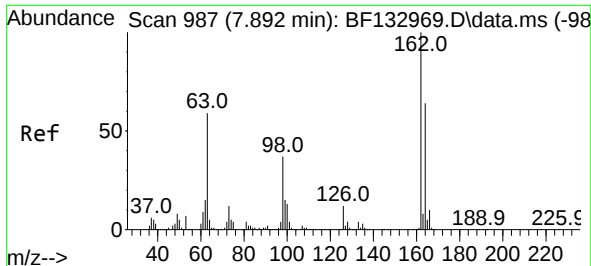
Delta R.T. 0.000 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

Tgt Ion: 93 Resp: 706403
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.4 39.6
 123 12.1 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 48.380 ng

RT: 7.881 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

Instrument :

BNA_F

ClientSampleId :

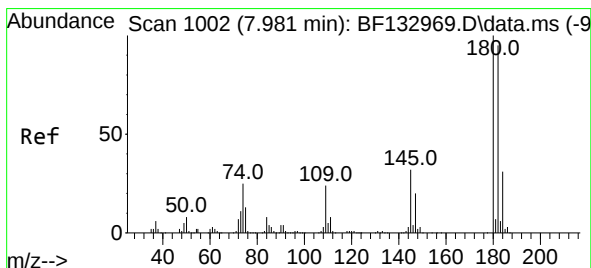
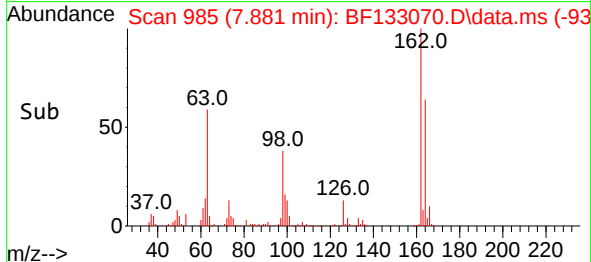
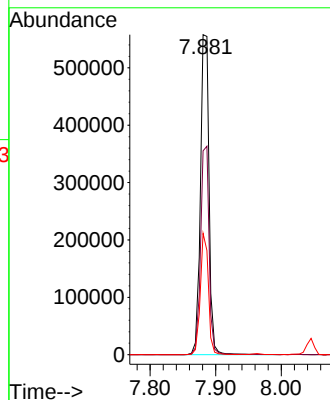
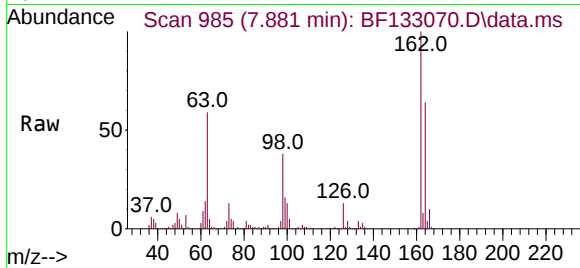
20230324-COMP-2MS

Tgt Ion:	162	Resp:	51044
Ion Ratio	Lower	Upper	
162	100		
164	63.7	43.9	83.9
98	37.9	17.0	57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#30

1,2,4-Trichlorobenzene

Concen: 49.701 ng

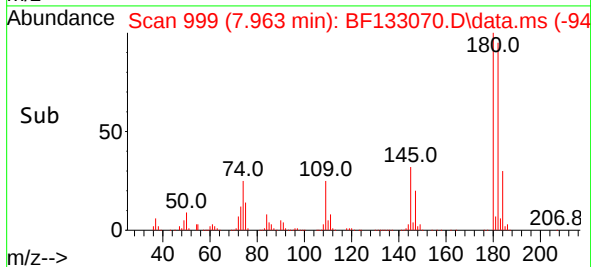
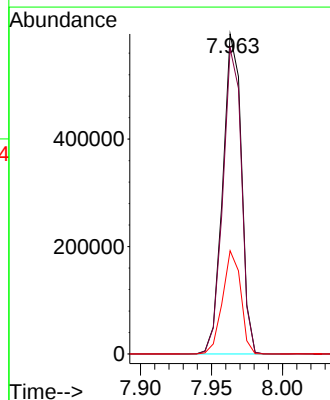
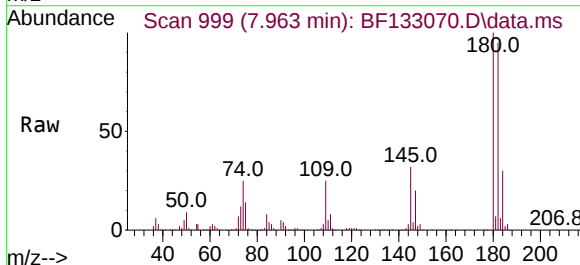
RT: 7.963 min Scan# 999

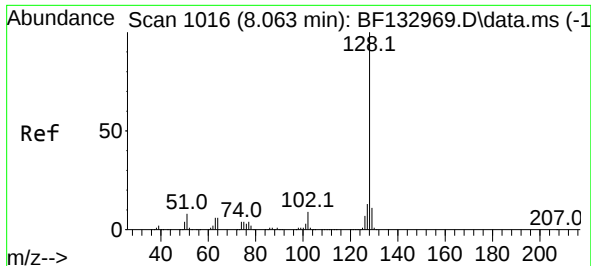
Delta R.T. 0.000 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

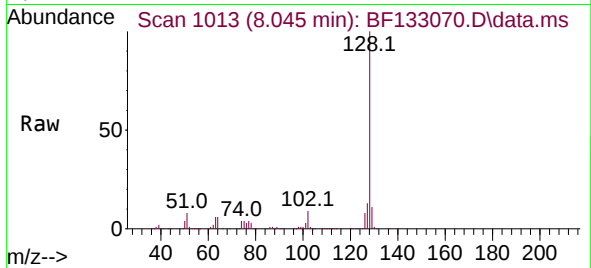
Tgt Ion:	180	Resp:	543259
Ion Ratio	Lower	Upper	
180	100		
182	95.5	75.9	113.9
145	32.2	25.3	37.9





#31
Naphthalene
Concen: 47.000 ng
RT: 8.045 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

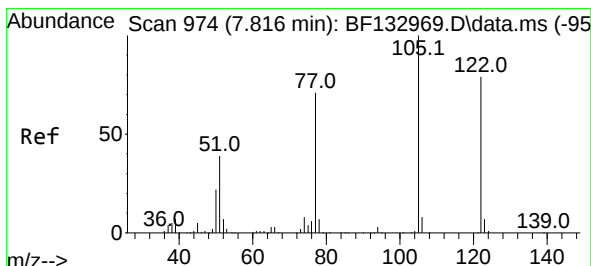
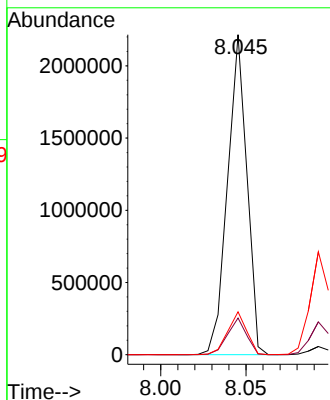
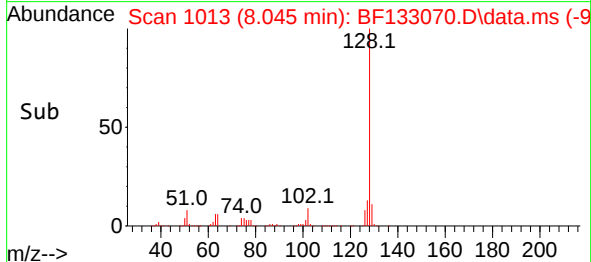
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS



Tgt Ion:128 Resp: 175404
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.4 10.7 16.1

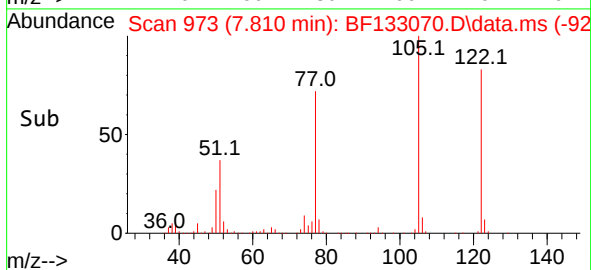
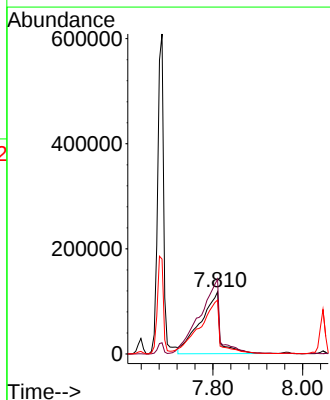
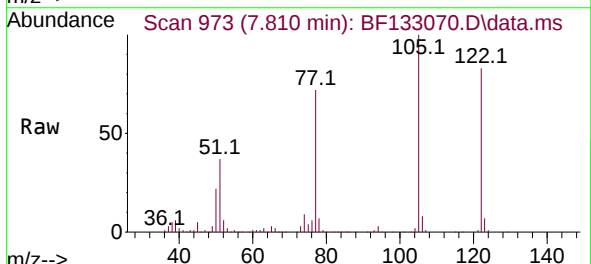
Manual Integrations
APPROVED

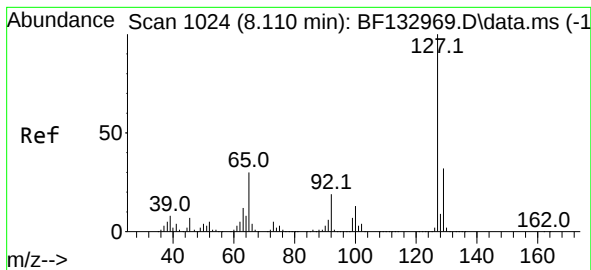
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#32
Benzoic acid
Concen: 50.973 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.012 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

Tgt Ion:122 Resp: 364916
Ion Ratio Lower Upper
122 100
105 120.7 104.2 144.2
77 86.9 69.7 109.7





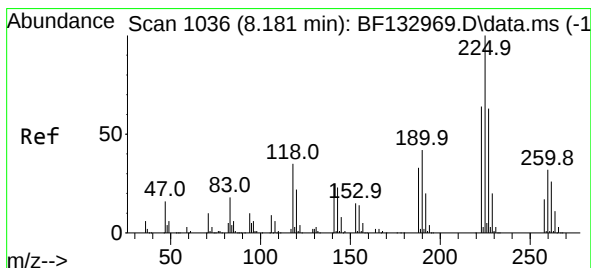
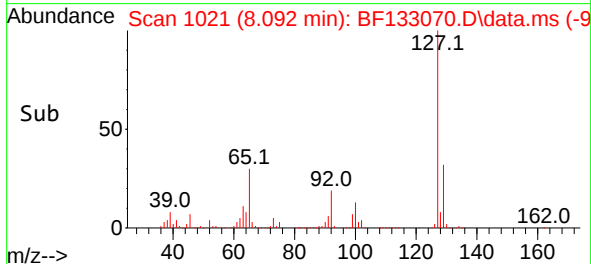
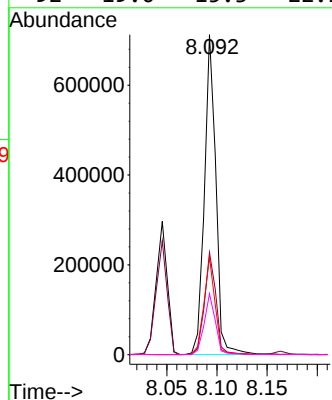
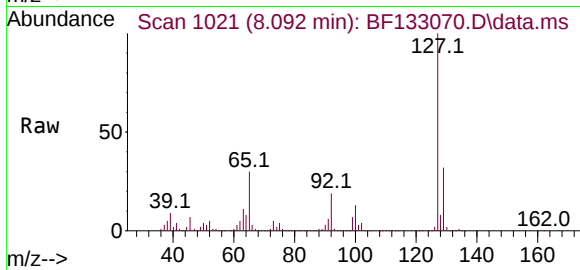
#33
4-Chloroaniline
Concen: 37.744 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS

Tgt Ion:	127	Resp:	569129
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.8	38.8
65	30.4	23.6	35.4
92	19.0	15.3	22.9

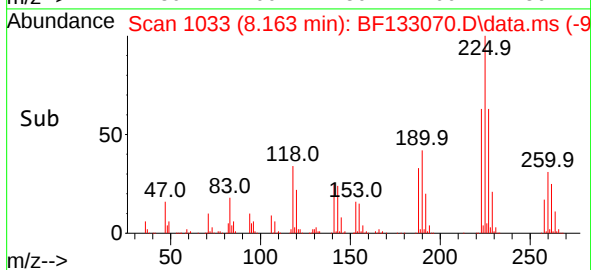
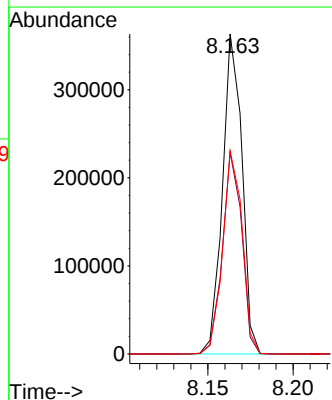
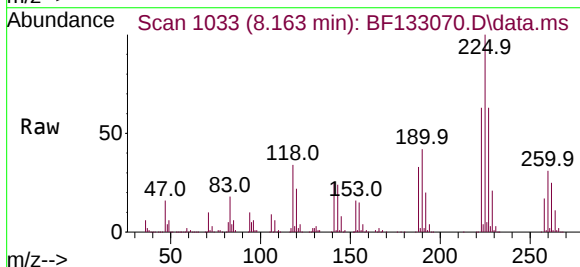
Manual Integrations
APPROVED

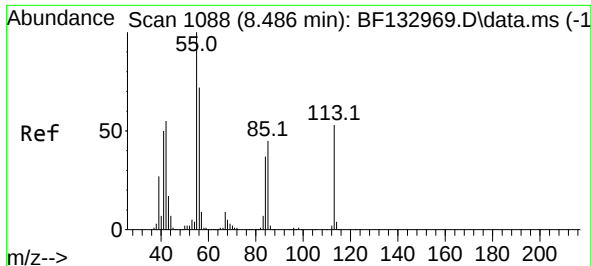
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#34
Hexachlorobutadiene
Concen: 47.631 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

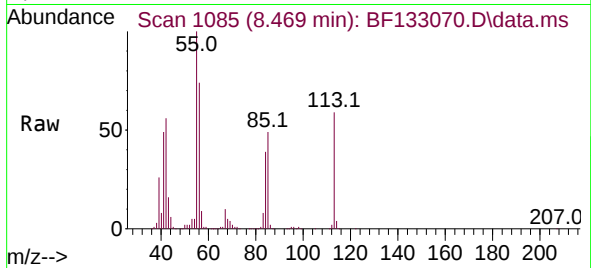
Tgt Ion:	225	Resp:	288555
Ion Ratio	Lower	Upper	
225	100		
223	63.0	50.9	76.3
227	63.4	50.3	75.5





#35
Caprolactam
Concen: 53.719 ng m
RT: 8.469 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

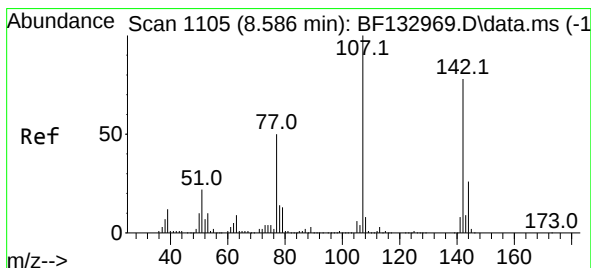
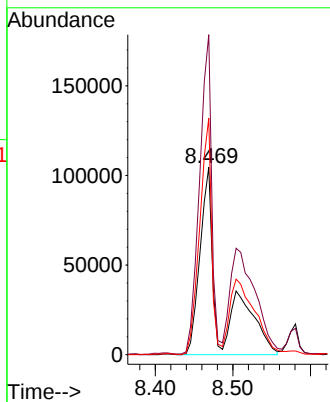
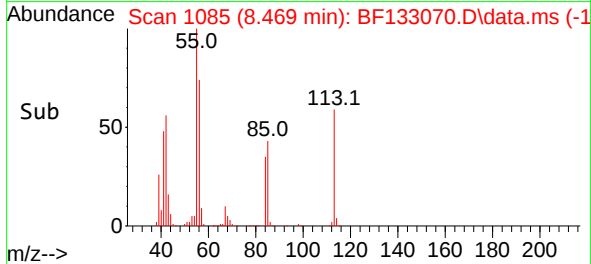
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS



Tgt Ion:113 Resp: 190400
Ion Ratio Lower Upper
113 100
55 170.8 167.1 207.1
56 126.1 114.5 154.5

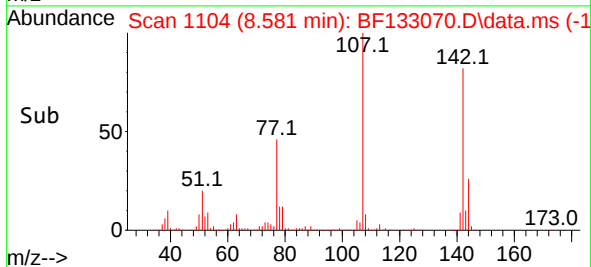
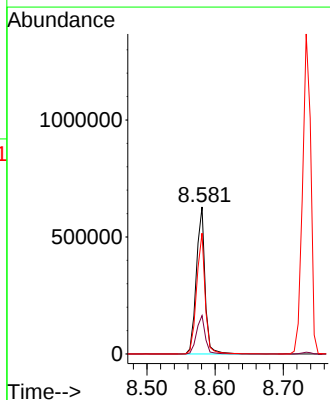
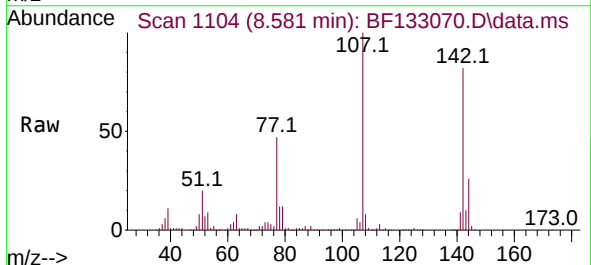
Manual Integrations
APPROVED

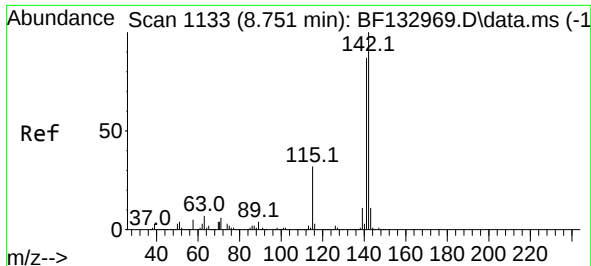
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#36
4-Chloro-3-methylphenol
Concen: 48.475 ng
RT: 8.581 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

Tgt Ion:107 Resp: 551533
Ion Ratio Lower Upper
107 100
144 26.1 20.6 30.8
142 82.1 62.8 94.2





#37

2-Methylnaphthalene

Concen: 45.113 ng

RT: 8.734 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

Instrument :

BNA_F

ClientSampleId :

20230324-COMP-2MS

Tgt Ion:142 Resp: 115104

Ion Ratio Lower Upper

142 100

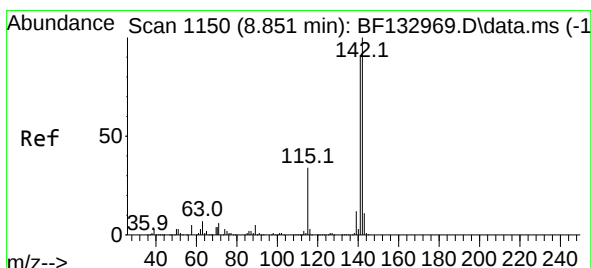
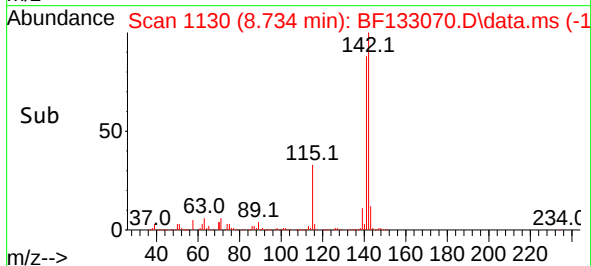
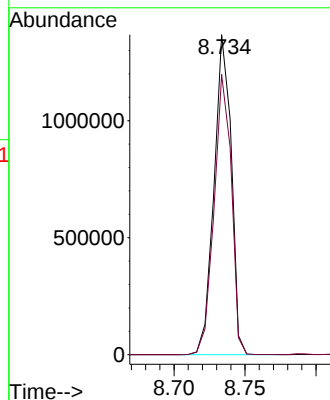
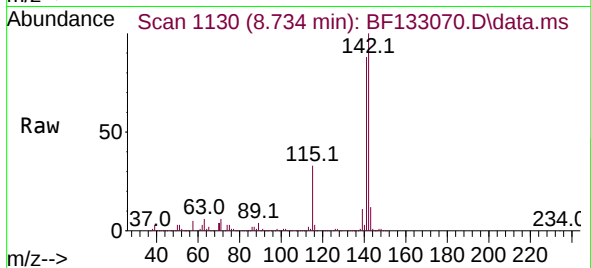
141 87.6 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#38

1-Methylnaphthalene

Concen: 45.553 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF133070.D

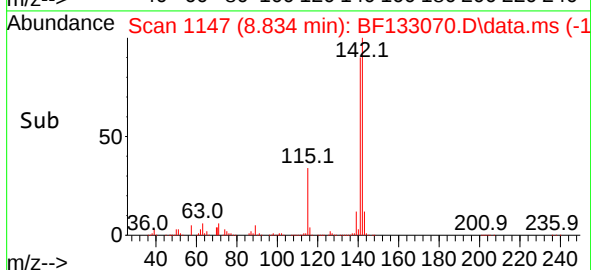
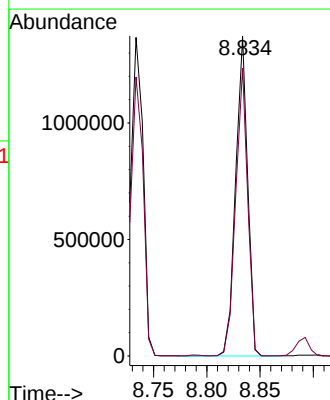
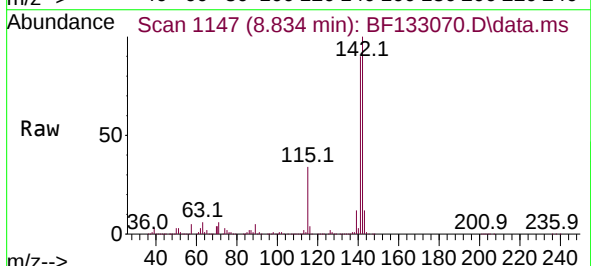
Acq: 26 Apr 2023 18:00

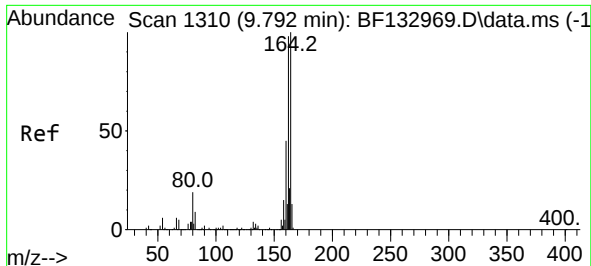
Tgt Ion:142 Resp: 1087289

Ion Ratio Lower Upper

142 100

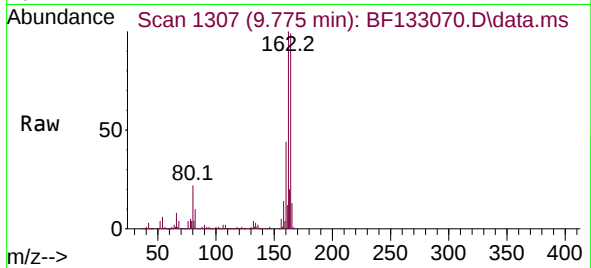
141 90.0 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

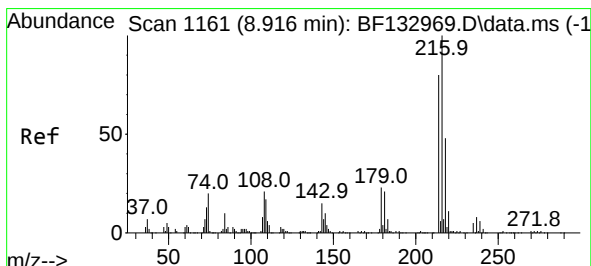
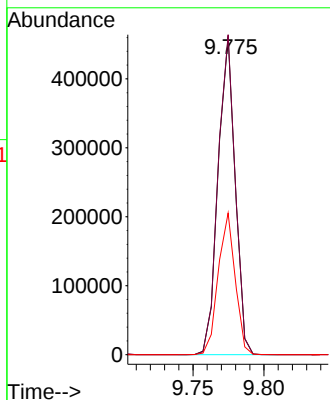
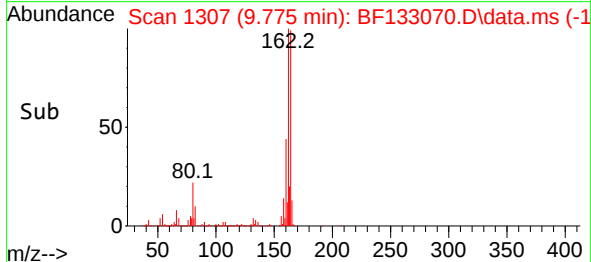
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS



Tgt Ion:164 Resp: 384634
Ion Ratio Lower Upper
164 100
162 100.6 78.7 118.1
160 44.5 35.8 53.6

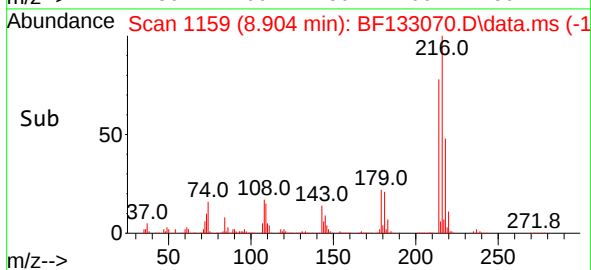
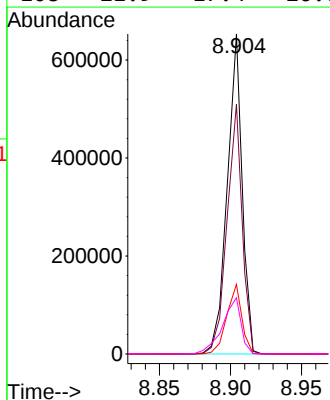
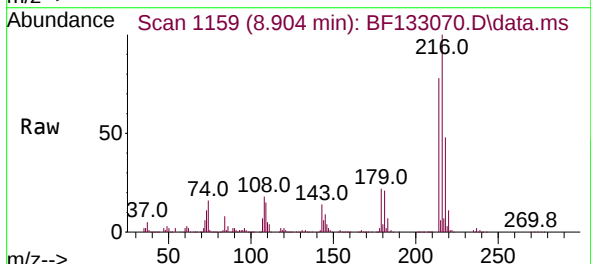
Manual Integrations
APPROVED

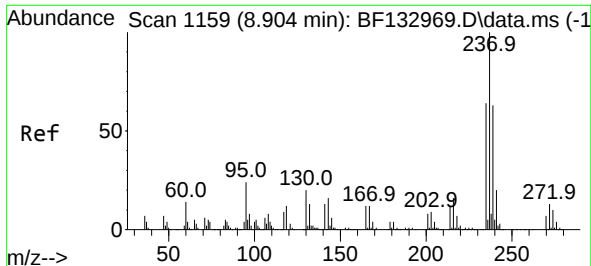
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.291 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

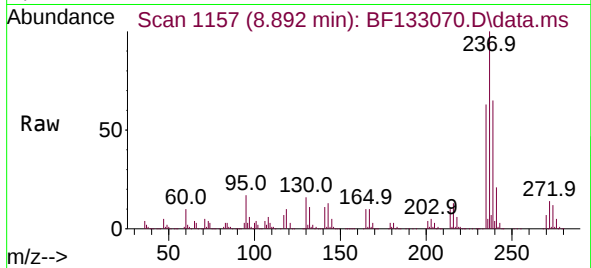
Tgt Ion:216 Resp: 478731
Ion Ratio Lower Upper
216 100
214 78.9 63.5 95.3
179 21.9 17.4 26.2
108 21.9 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 95.266 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

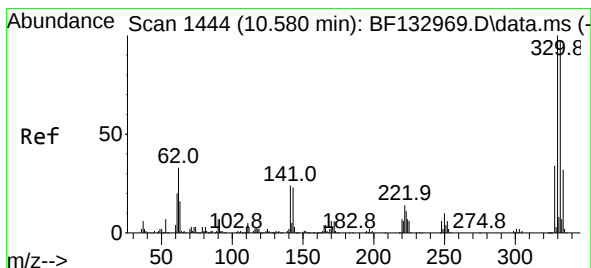
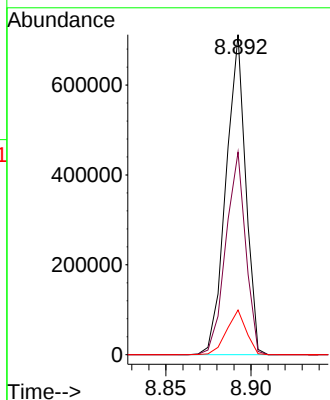
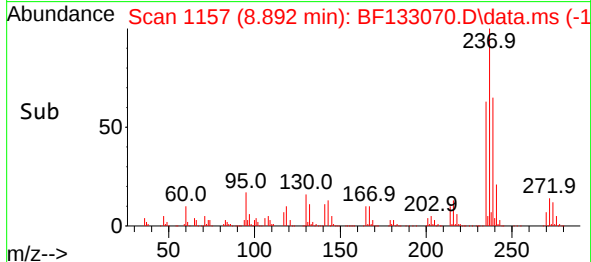
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS



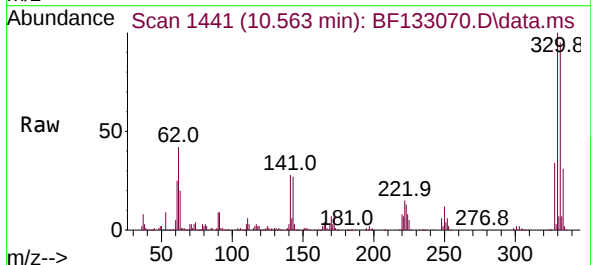
Tgt Ion:237 Resp: 574580
Ion Ratio Lower Upper
237 100
235 63.3 43.5 83.5
272 13.9 0.0 32.7

Manual Integrations
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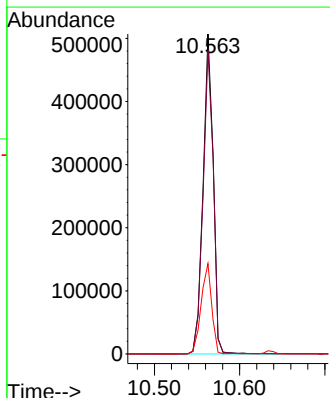
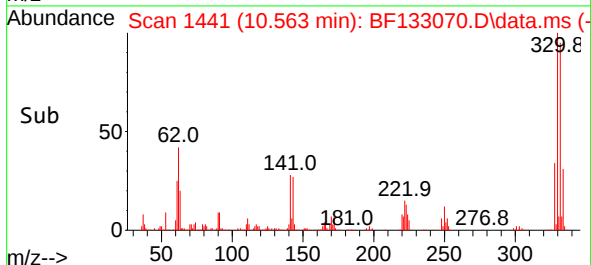
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

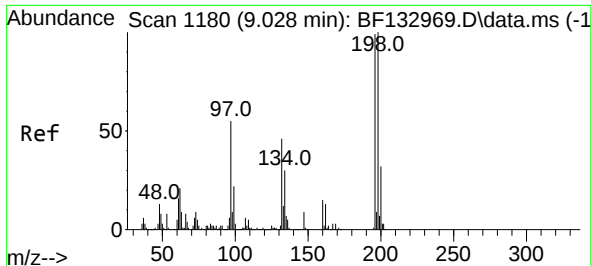


#42
2,4,6-Tribromophenol
Concen: 108.292 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00



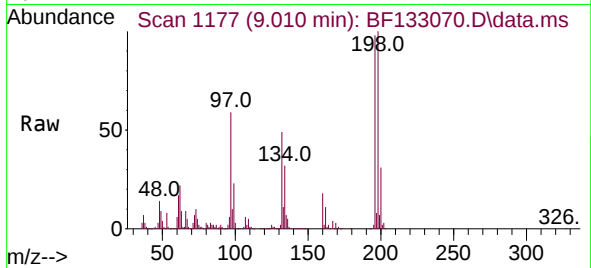
Tgt Ion:330 Resp: 418898
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 29.6 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 48.513 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

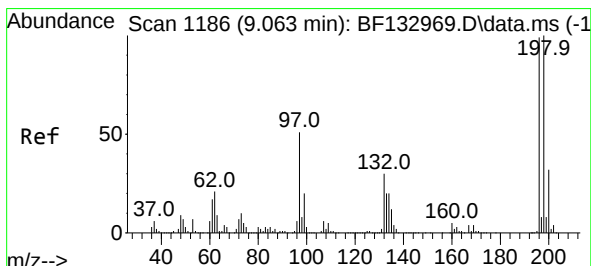
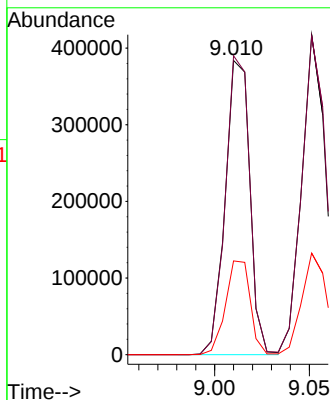
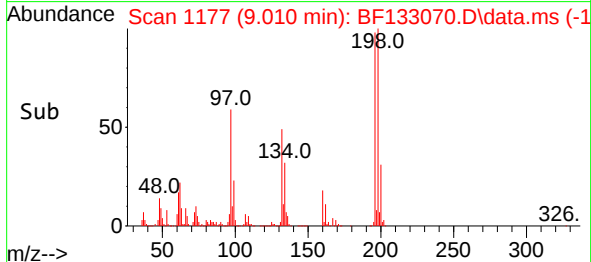
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS



Tgt Ion:196 Resp: 346964
Ion Ratio Lower Upper
196 100
198 101.6 81.0 121.6
200 31.8 26.1 39.1

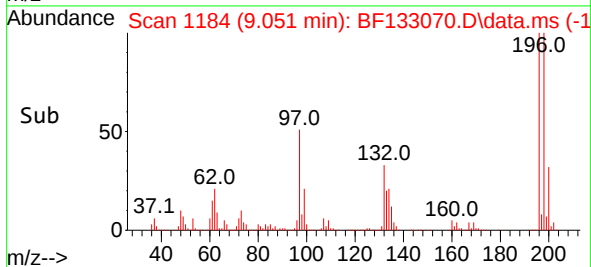
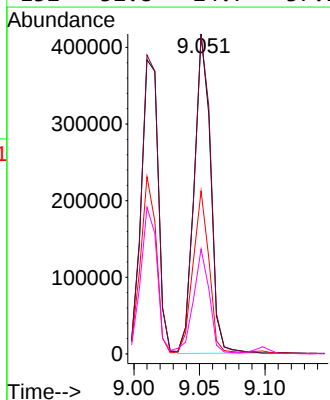
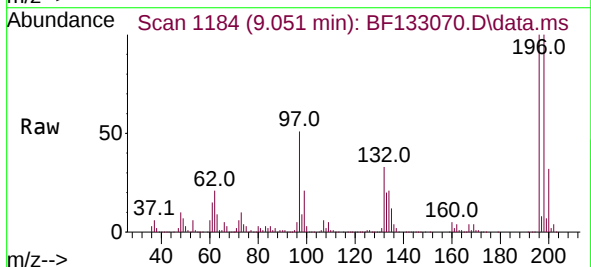
Manual Integrations
APPROVED

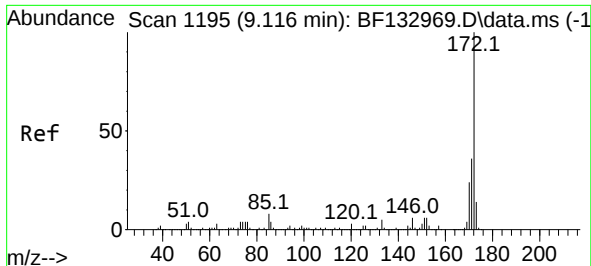
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#44
2,4,5-Trichlorophenol
Concen: 43.892 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

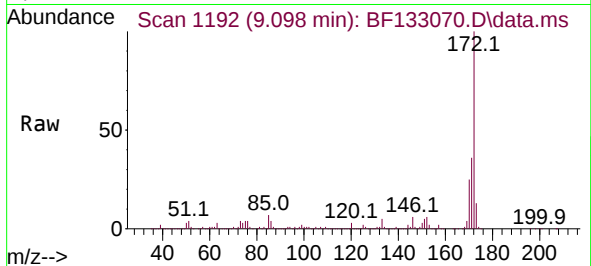
Tgt Ion:196 Resp: 363054
Ion Ratio Lower Upper
196 100
198 99.5 80.9 121.3
97 51.0 41.3 61.9
132 32.8 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 64.629 ng
RT: 9.098 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

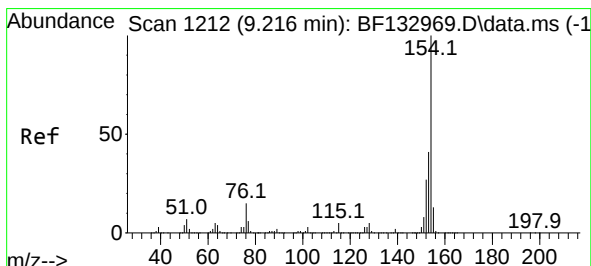
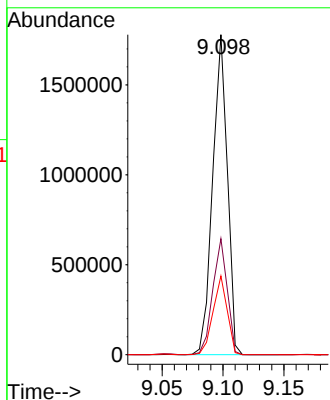
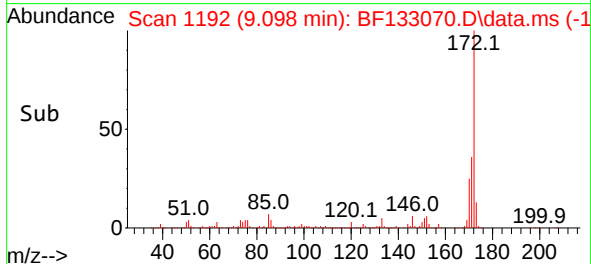
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS



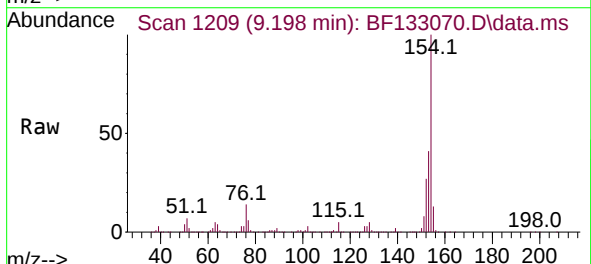
Tgt Ion:172 Resp: 1485864
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.6 19.4 29.2

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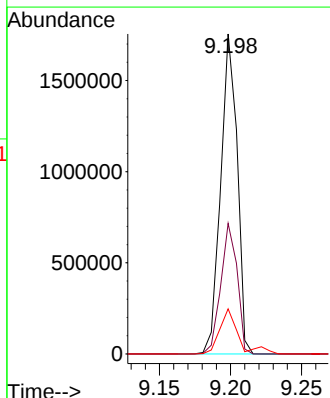
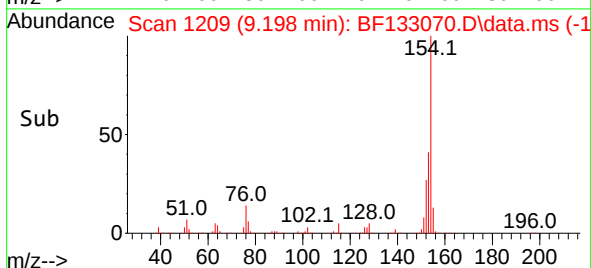
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

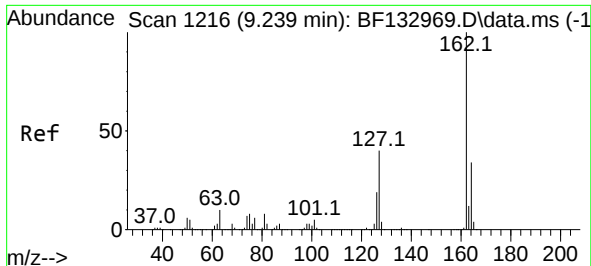


#46
1,1'-Biphenyl
Concen: 46.415 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00



Tgt Ion:154 Resp: 1415659
Ion Ratio Lower Upper
154 100
153 40.8 21.0 61.0
76 14.1 0.0 34.5





#47

2-Chloronaphthalene

Concen: 47.586 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

Instrument :

BNA_F

ClientSampleId :

20230324-COMP-2MS

Tgt Ion:162 Resp: 106230

Ion Ratio Lower Upper

162 100

127 41.5 32.3 48.5

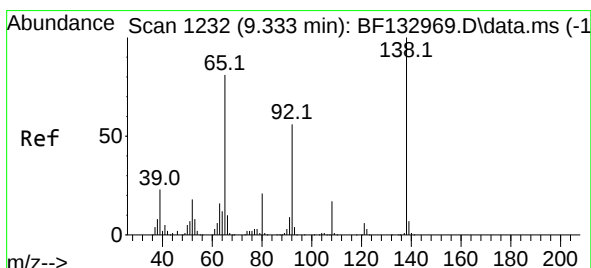
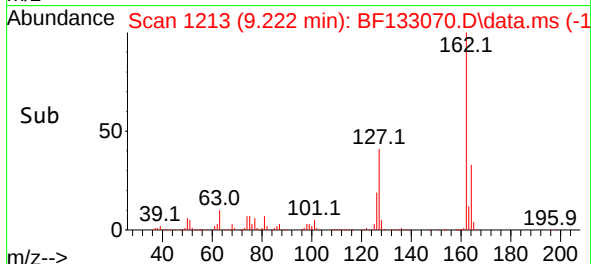
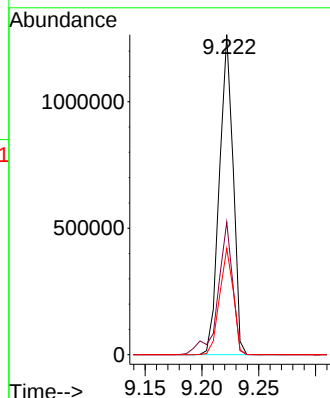
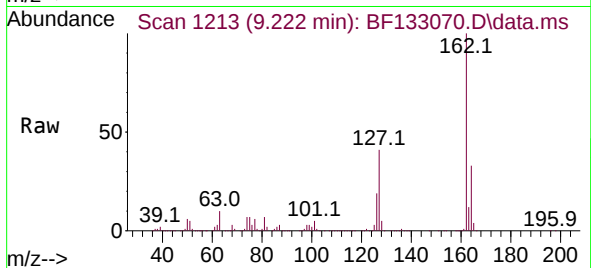
164 33.3 26.8 40.2

Manual Integrations

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Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#48

2-Nitroaniline

Concen: 47.004 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

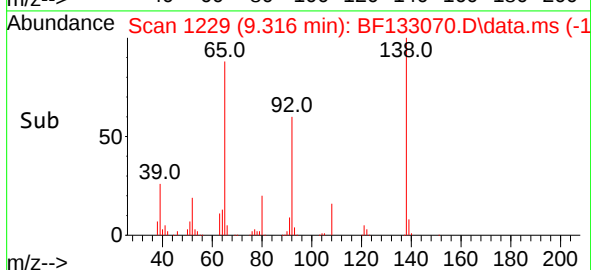
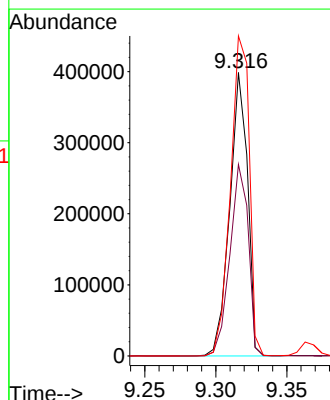
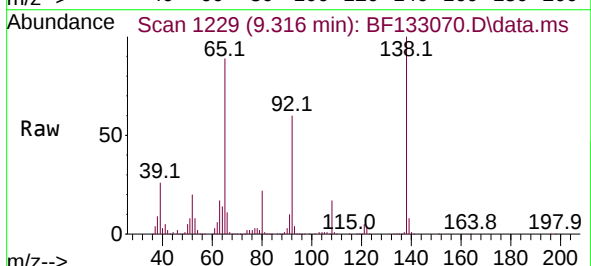
Tgt Ion: 65 Resp: 346792

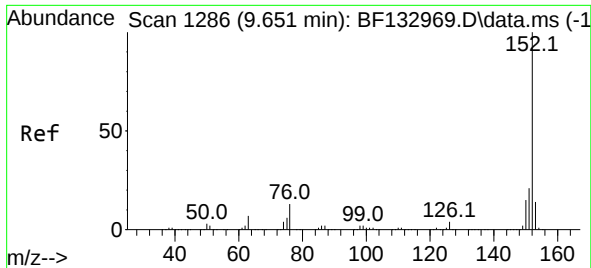
Ion Ratio Lower Upper

65 100

92 67.6 55.4 83.0

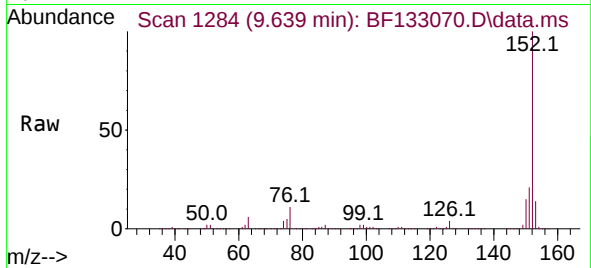
138 112.9 98.2 147.2





#49
Acenaphthylene
Concen: 46.335 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

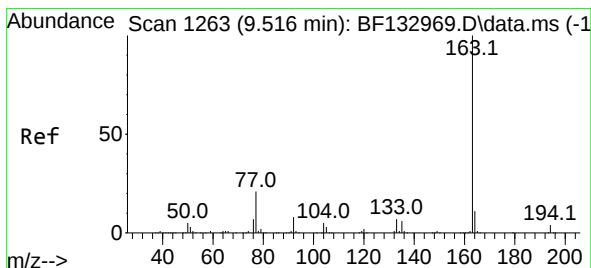
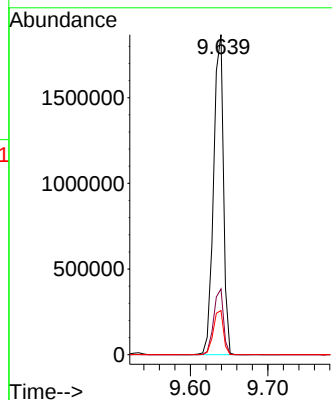
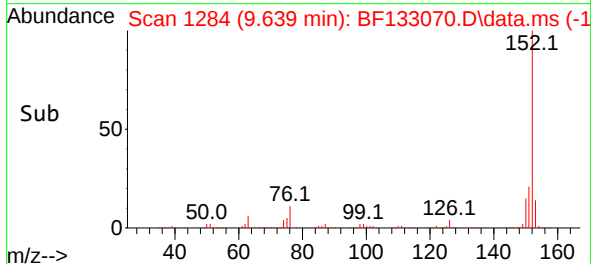
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS



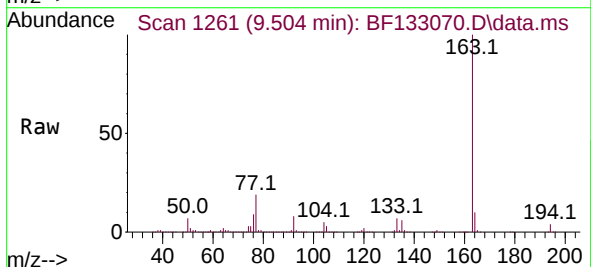
Tgt Ion:152 Resp: 165278
Ion Ratio Lower Upper
152 100
151 20.5 16.6 24.8
153 13.8 11.5 17.3

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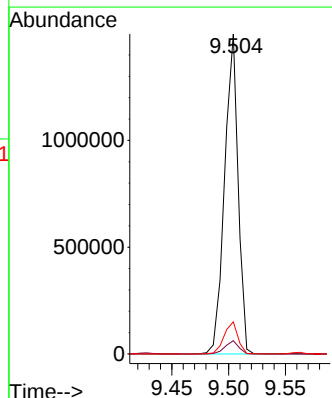
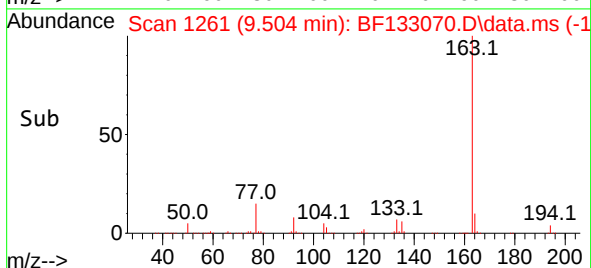
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

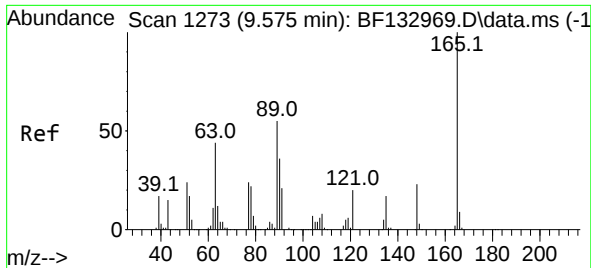


#50
Dimethylphthalate
Concen: 46.422 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00



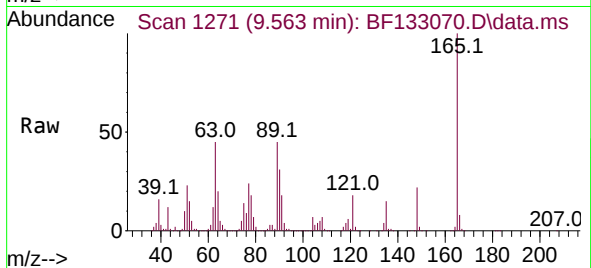
Tgt Ion:163 Resp: 1245035
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.0 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 48.910 ng
RT: 9.563 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

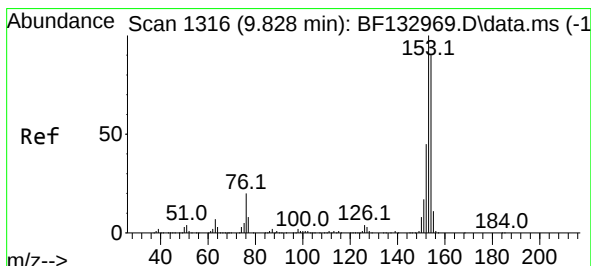
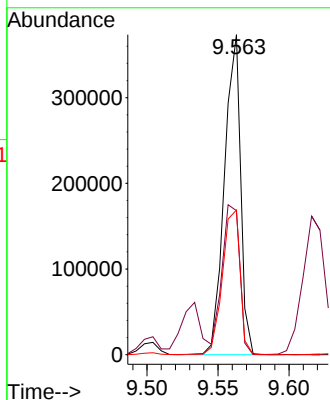
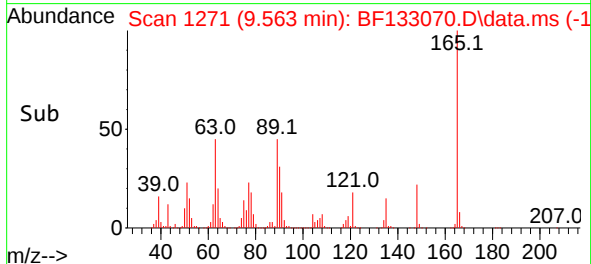
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS



Tgt Ion:165 Resp: 295244
Ion Ratio Lower Upper
165 100
63 45.0 45.9 68.9
89 45.2 44.0 66.0

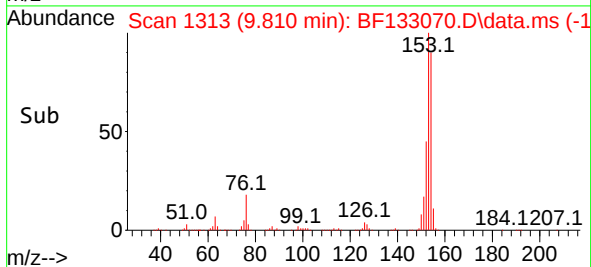
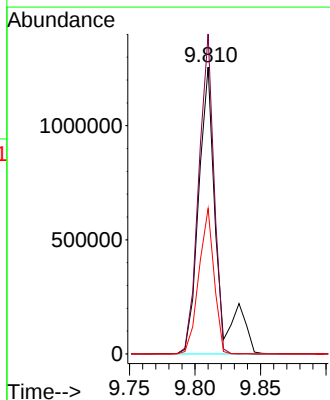
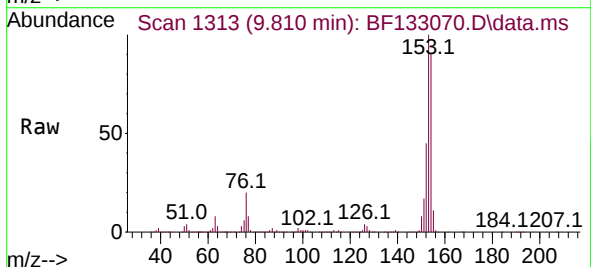
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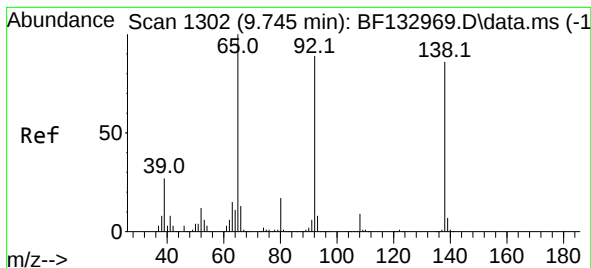
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#52
Acenaphthene
Concen: 50.632 ng m
RT: 9.810 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

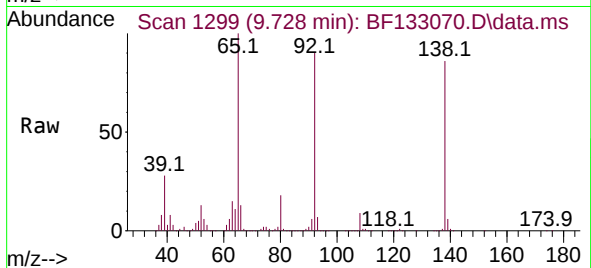
Tgt Ion:154 Resp: 1209606
Ion Ratio Lower Upper
154 100
153 111.5 89.0 133.6
152 50.7 40.4 60.6





#53
3-Nitroaniline
Concen: 43.482 ng
RT: 9.728 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

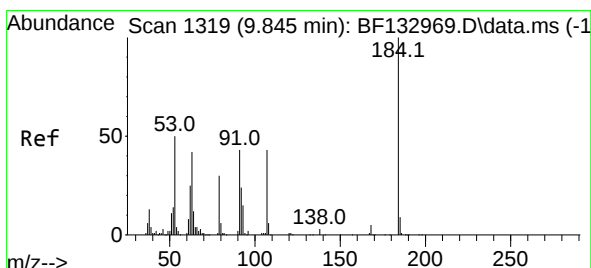
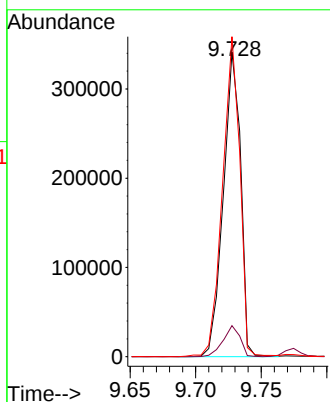
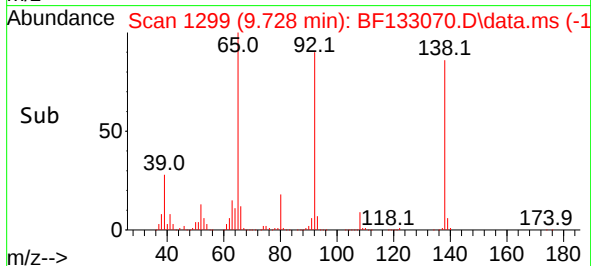
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS



Tgt Ion:138 Resp: 31209
Ion Ratio Lower Upper
138 100
108 10.2 8.0 12.0
92 105.0 83.6 125.4

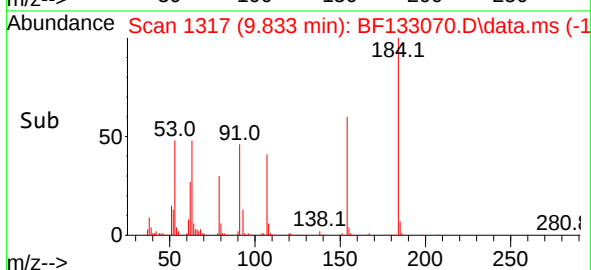
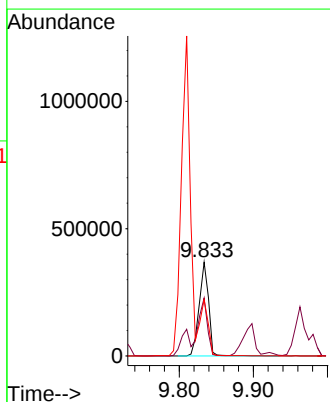
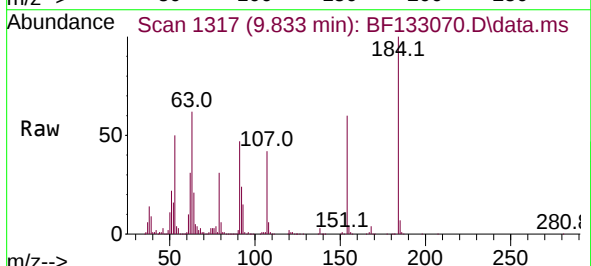
Manual Integrations
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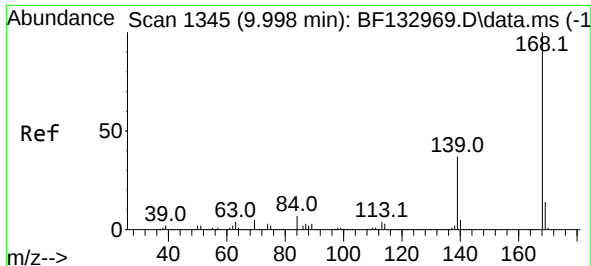
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#54
2,4-Dinitrophenol
Concen: 107.277 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

Tgt Ion:184 Resp: 325500
Ion Ratio Lower Upper
184 100
63 61.8 49.8 74.8
154 60.1 49.5 74.3





#55

Dibenzenofuran

Concen: 46.077 ng

RT: 9.981 min Scan# 1342

Delta R.T. 0.000 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

Instrument :

BNA_F

ClientSampleId :

20230324-COMP-2MS

Tgt Ion:168 Resp: 150158

Ion Ratio Lower Upper

168 100

139 39.0 29.8 44.8

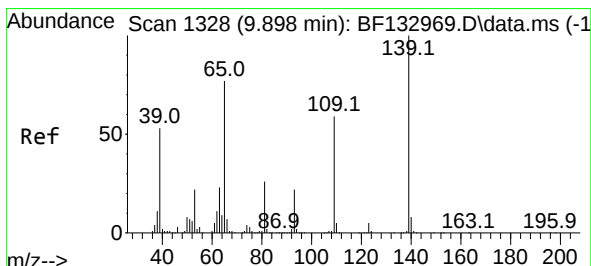
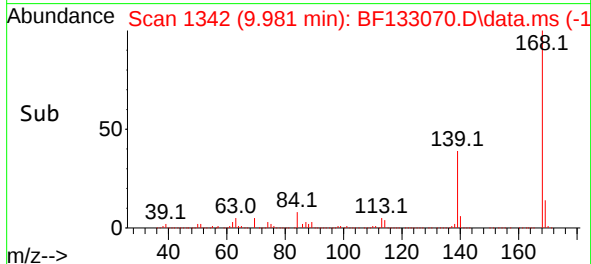
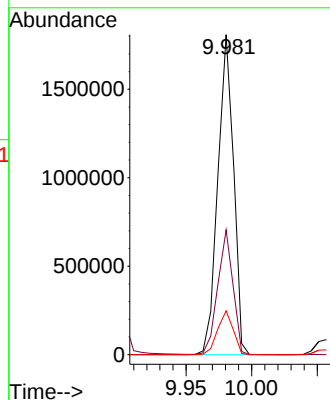
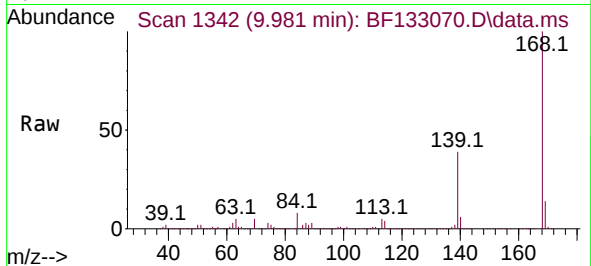
169 13.7 10.8 16.2

Manual Integrations

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Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#56

4-Nitrophenol

Concen: 99.394 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.012 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

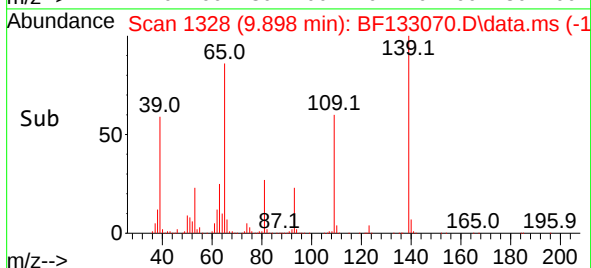
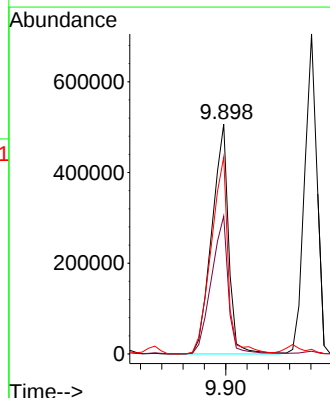
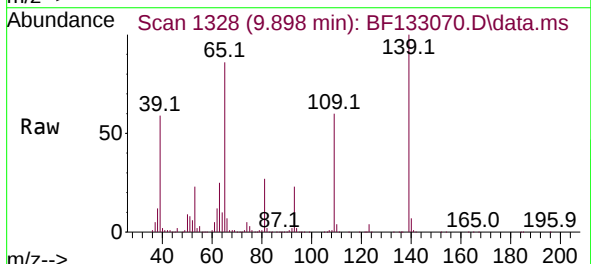
Tgt Ion:139 Resp: 552540

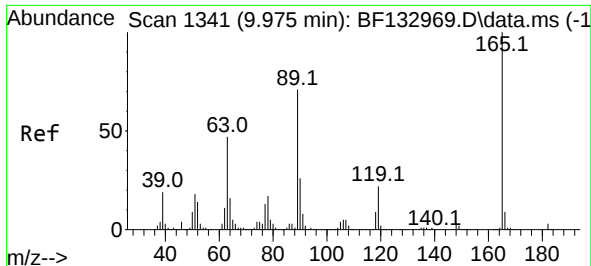
Ion Ratio Lower Upper

139 100

109 60.0 39.4 79.4

65 85.7 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 51.657 ng

RT: 9.963 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

Instrument :

BNA_F

ClientSampleId :

20230324-COMP-2MS

Tgt Ion:165 Resp: 397662

Ion Ratio Lower Upper

165 100

63 41.8 37.7 56.5

89 66.5 57.0 85.4

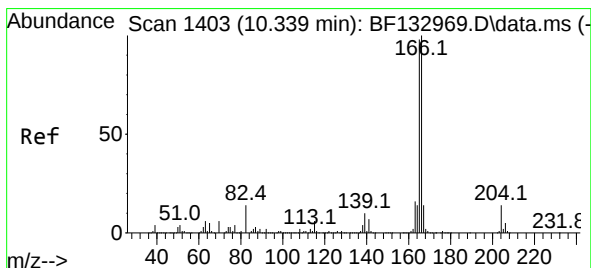
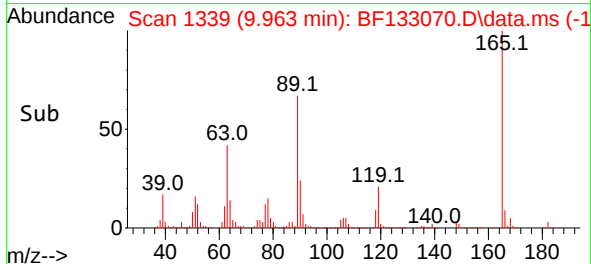
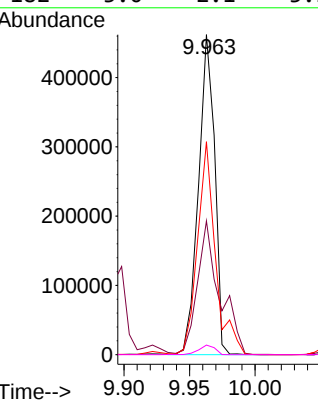
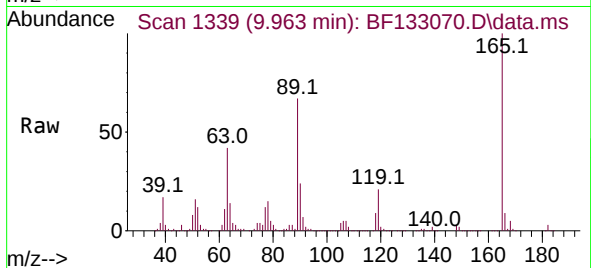
182 3.0 2.1 3.1

Manual Integrations

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Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#58

Fluorene

Concen: 45.812 ng

RT: 10.322 min Scan# 1400

Delta R.T. 0.000 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

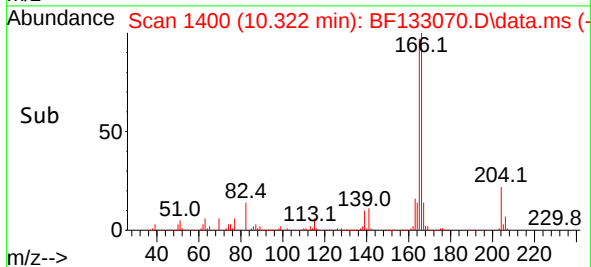
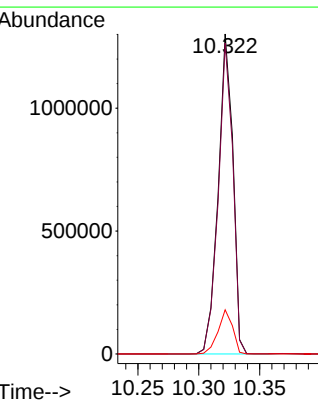
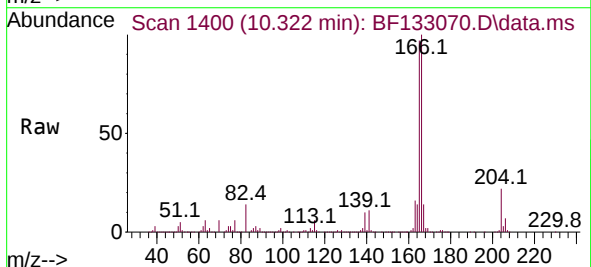
Tgt Ion:166 Resp: 1093777

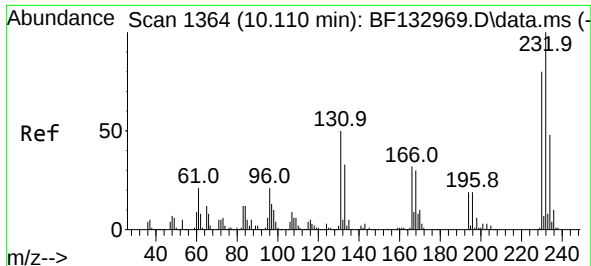
Ion Ratio Lower Upper

166 100

165 97.1 78.6 117.8

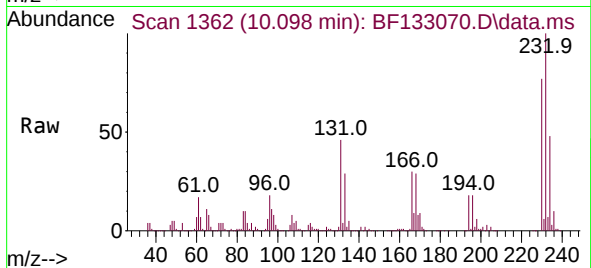
167 13.8 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.105 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

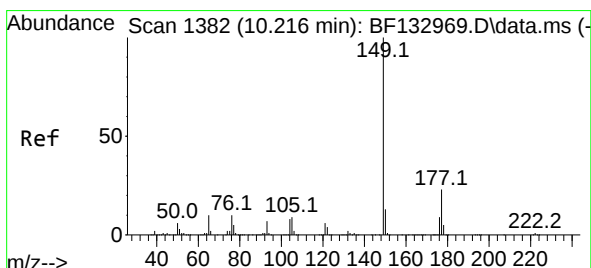
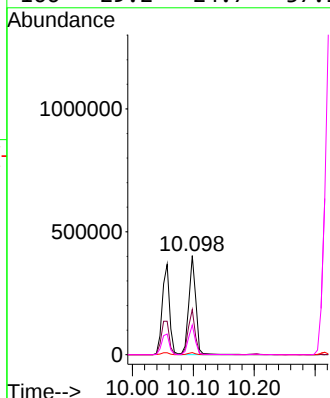
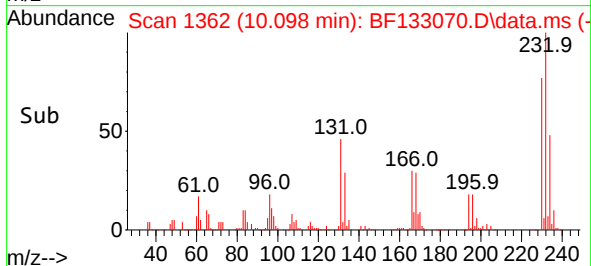
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS



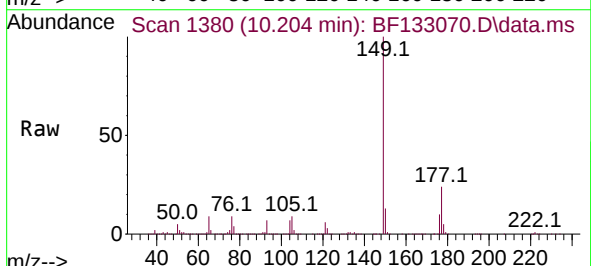
Tgt Ion:232 Resp: 32130
Ion Ratio Lower Upper
232 100
131 44.4 38.0 57.0
130 2.1 1.8 2.8
166 29.2 24.7 37.1

Manual Integrations
APPROVED

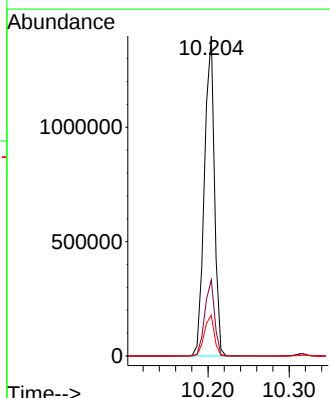
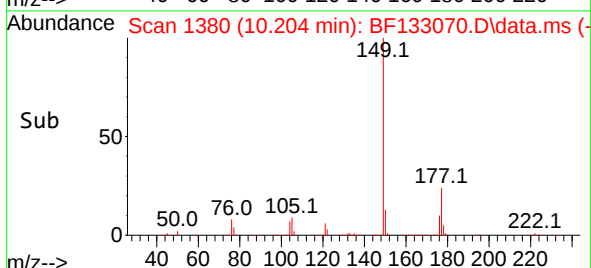
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

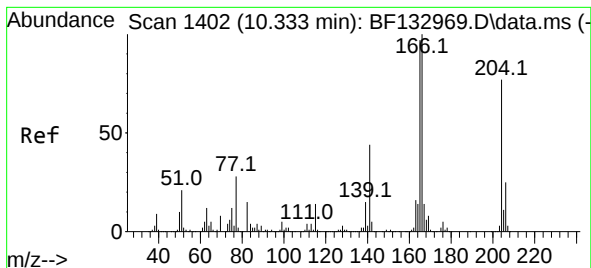


#60
Diethylphthalate
Concen: 47.248 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00



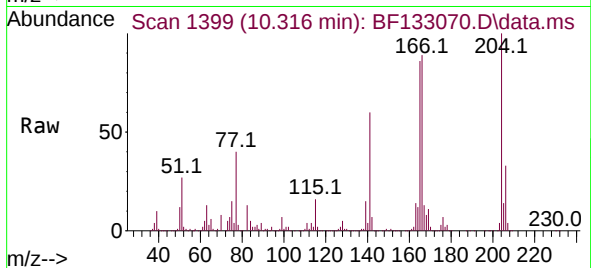
Tgt Ion:149 Resp: 1196919
Ion Ratio Lower Upper
149 100
177 23.8 18.2 27.4
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 45.346 ng
RT: 10.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

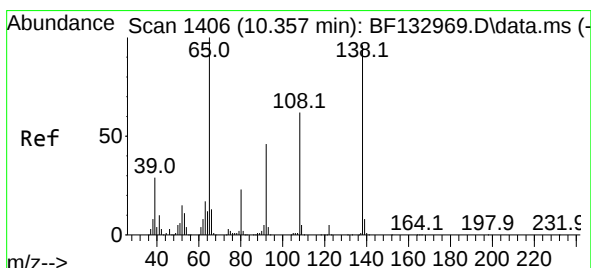
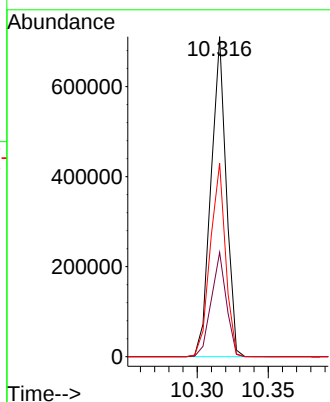
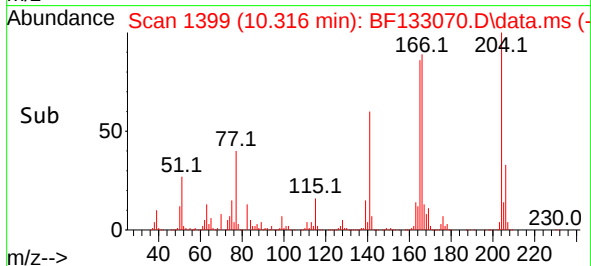
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS



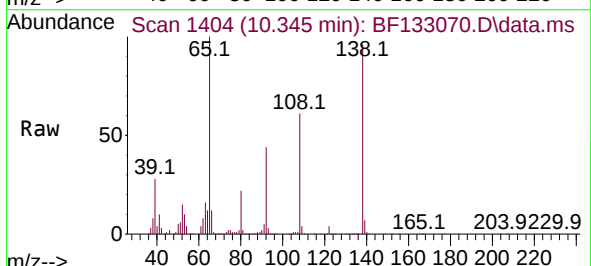
Tgt Ion:204 Resp: 52760
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 60.4 46.1 69.1

Manual Integrations
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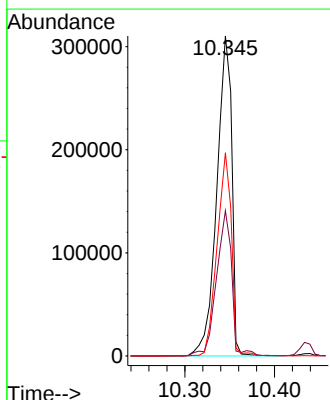
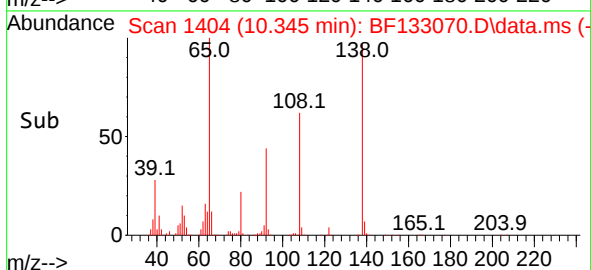
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

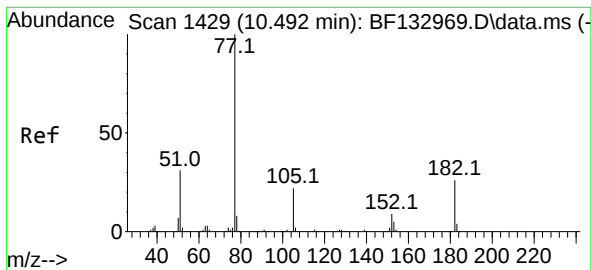


#62
4-Nitroaniline
Concen: 54.584 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00



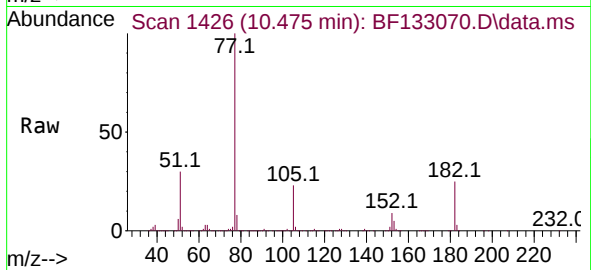
Tgt Ion:138 Resp: 360080
Ion Ratio Lower Upper
138 100
92 45.4 27.7 67.7
108 63.5 45.2 85.2





#63
Azobenzene
Concen: 46.451 ng
RT: 10.475 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

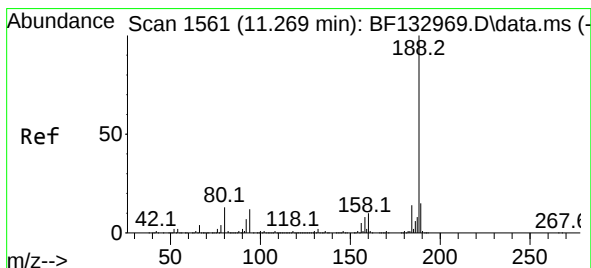
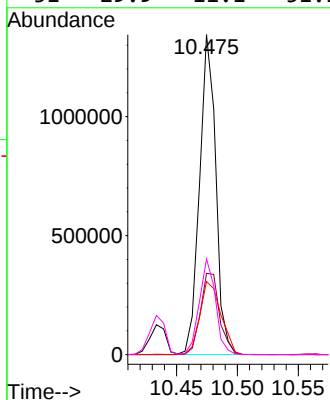
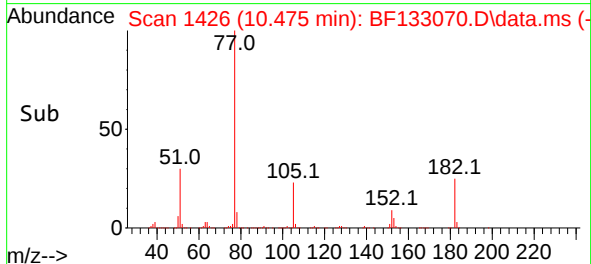
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS



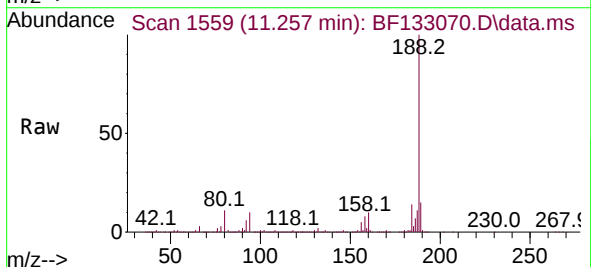
Tgt Ion: 77 Resp: 124657
Ion Ratio Lower Upper
77 100
182 25.4 5.9 45.9
105 22.9 2.3 42.3
51 29.9 11.1 51.1

Manual Integrations
APPROVED

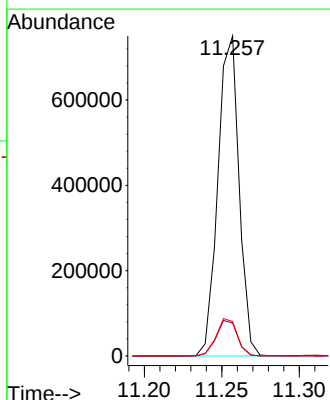
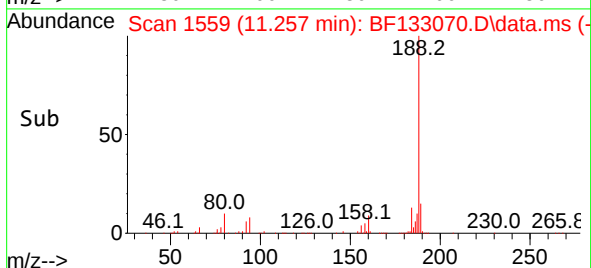
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

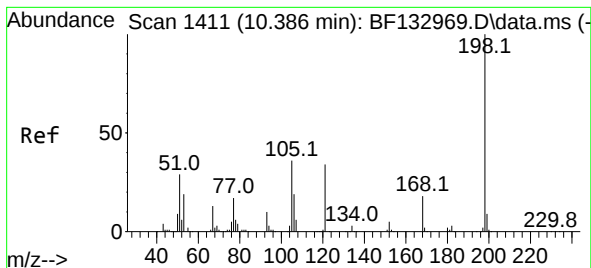


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00



Tgt Ion:188 Resp: 712846
Ion Ratio Lower Upper
188 100
94 10.3 9.7 14.5
80 10.7 10.4 15.6





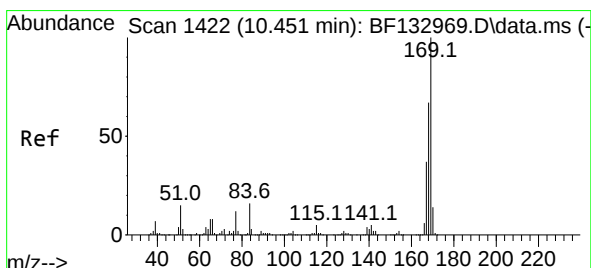
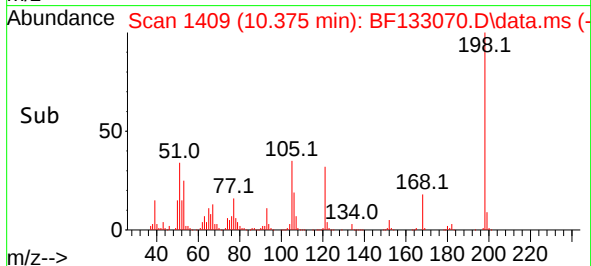
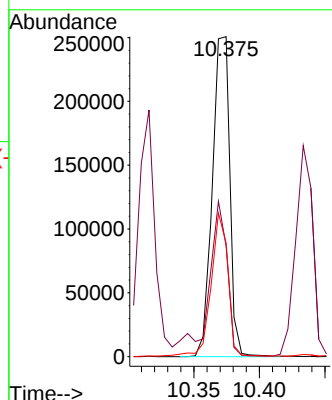
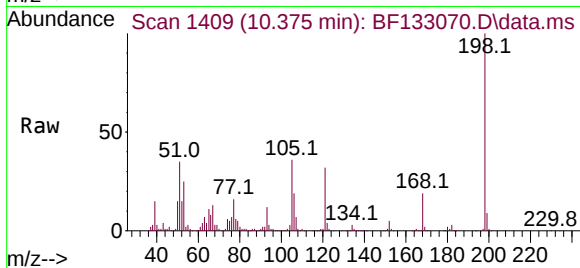
#65
4,6-Dinitro-2-methylphenol
Concen: 53.838 ng
RT: 10.375 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS

Tgt Ion:198 Resp: 232619
Ion Ratio Lower Upper
198 100
51 34.5 15.5 55.5
105 35.5 16.7 56.7

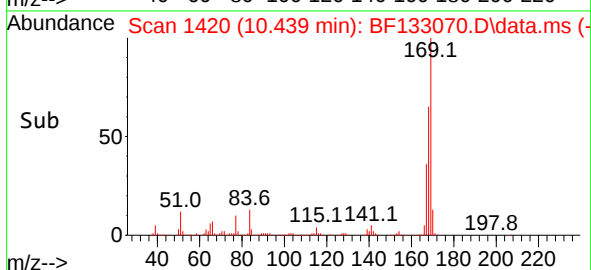
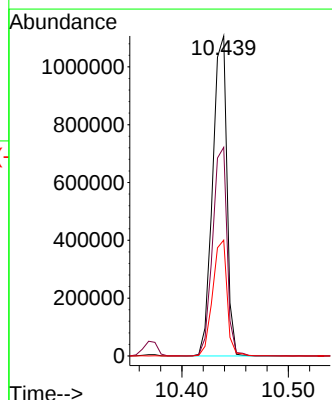
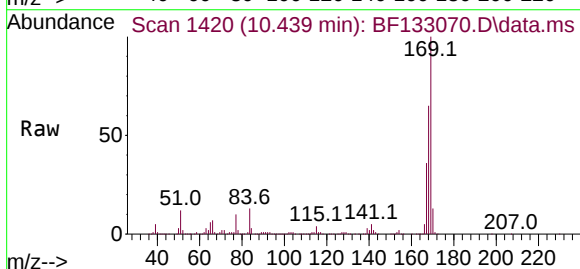
Manual Integrations
APPROVED

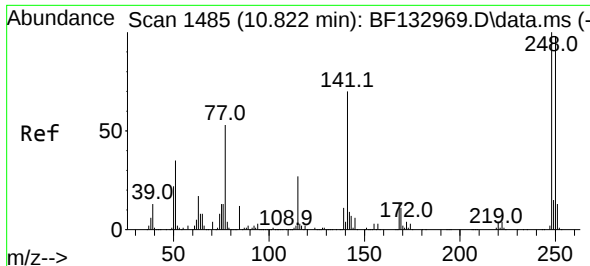
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#66
n-Nitrosodiphenylamine
Concen: 44.643 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

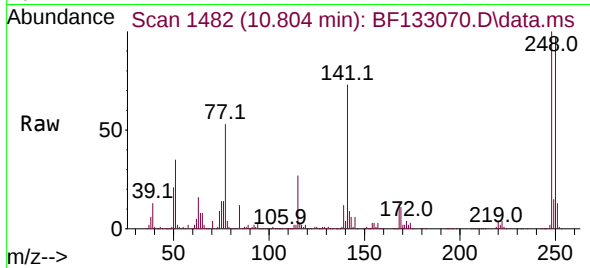
Tgt Ion:169 Resp: 1032285
Ion Ratio Lower Upper
169 100
168 65.2 53.8 80.8
167 36.2 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 45.487 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

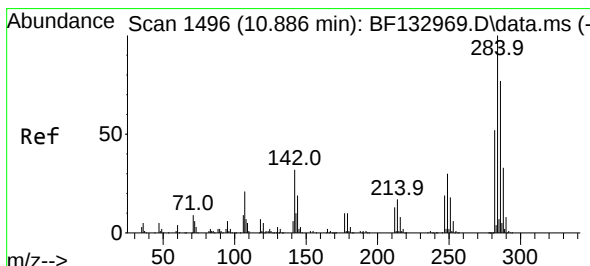
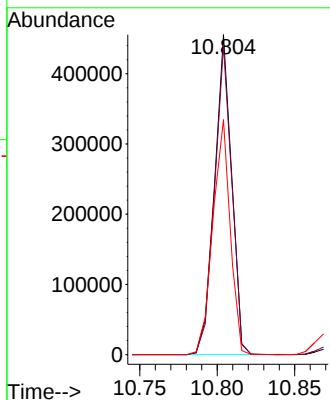
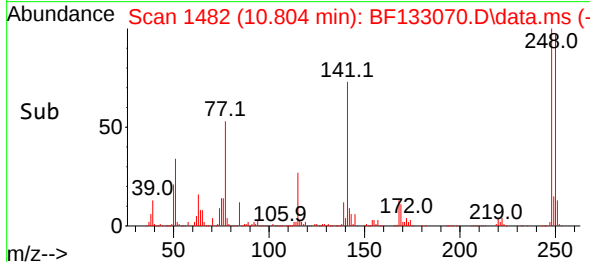
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS



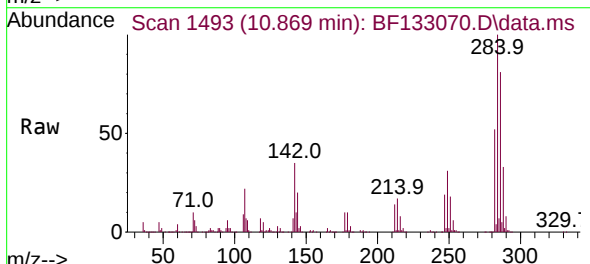
Tgt Ion:248 Resp: 351669
Ion Ratio Lower Upper
248 100
250 96.7 78.7 118.1
141 73.4 56.3 84.5

Manual Integrations
APPROVED

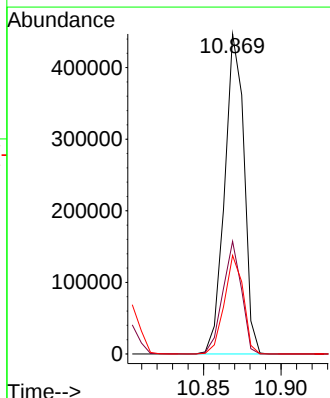
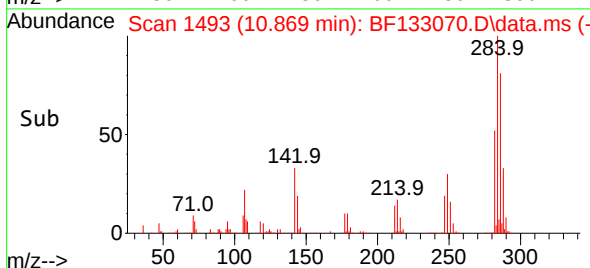
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

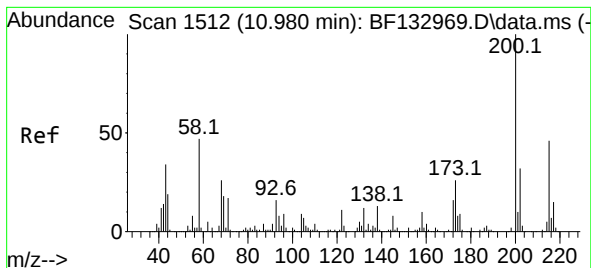


#68
Hexachlorobenzene
Concen: 49.008 ng
RT: 10.869 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00



Tgt Ion:284 Resp: 388248
Ion Ratio Lower Upper
284 100
142 35.2 26.0 39.0
249 30.8 23.7 35.5





#69

Atrazine

Concen: 54.212 ng

RT: 10.969 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

Instrument :

BNA_F

ClientSampleId :

20230324-COMP-2MS

Tgt Ion:200 Resp: 36120

Ion Ratio Lower Upper

200 100

173 25.8 6.2 46.2

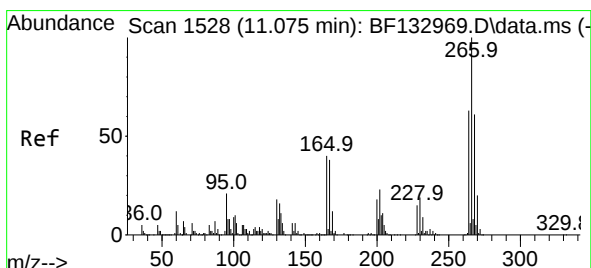
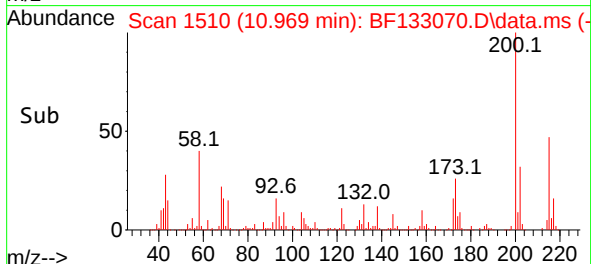
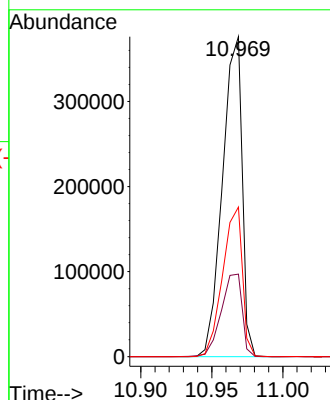
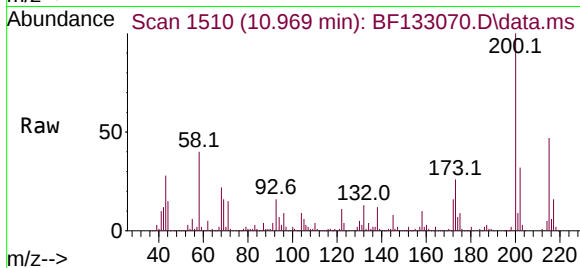
215 46.8 26.3 66.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#70

Pentachlorophenol

Concen: 79.356 ng

RT: 11.063 min Scan# 1526

Delta R.T. 0.000 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

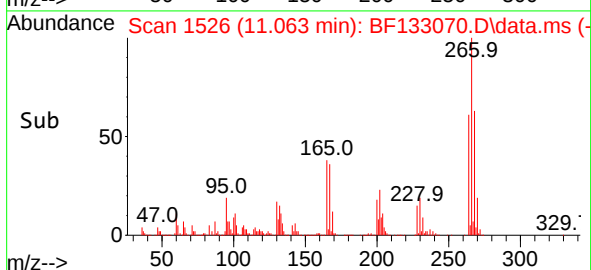
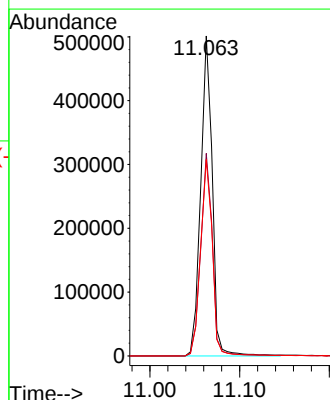
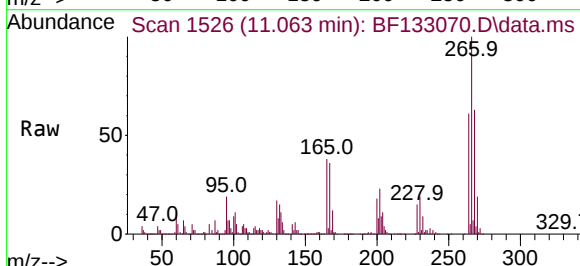
Tgt Ion:266 Resp: 447733

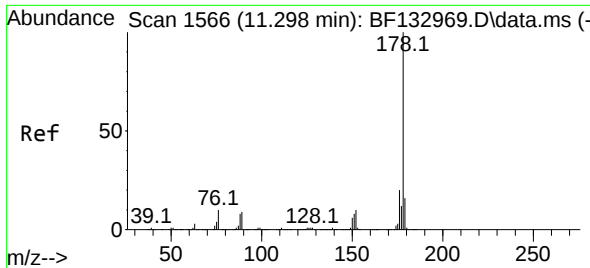
Ion Ratio Lower Upper

266 100

268 63.3 48.8 73.2

264 61.4 50.6 76.0





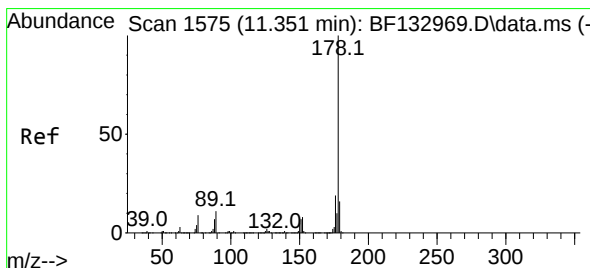
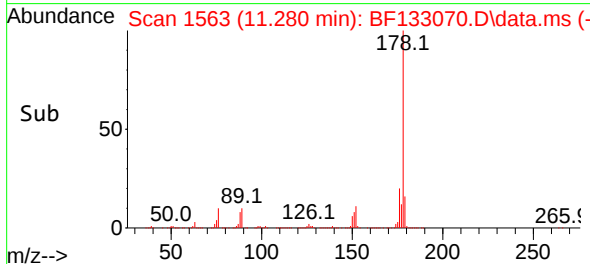
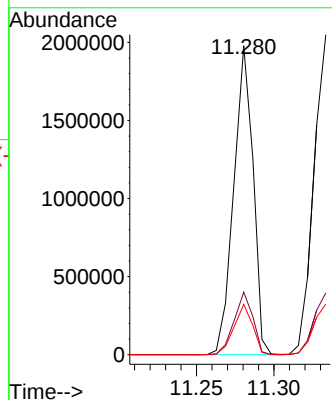
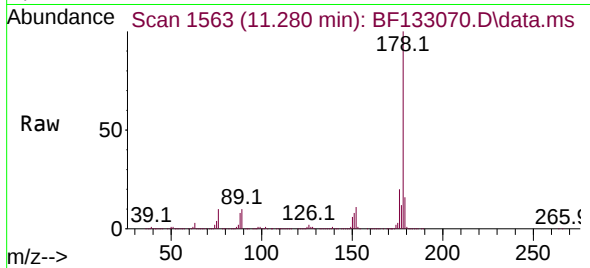
#71
Phenanthrene
Concen: 44.682 ng
RT: 11.280 min Scan# 11566
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS

Tgt Ion:178 Resp: 171190
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 16.3 12.5 18.7

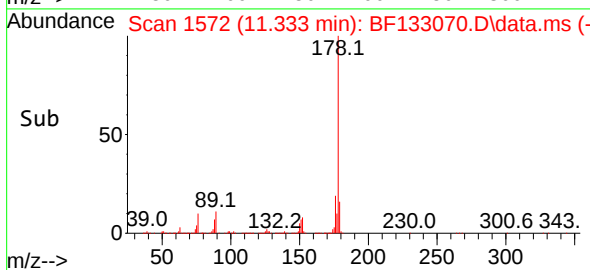
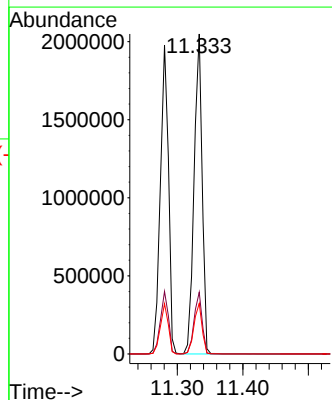
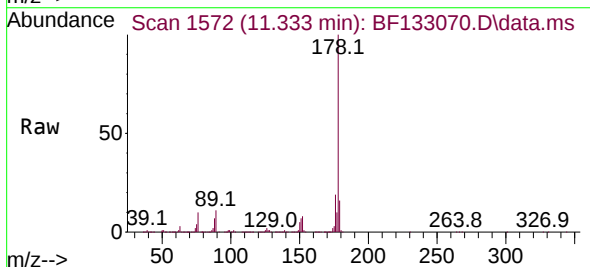
Manual Integrations
APPROVED

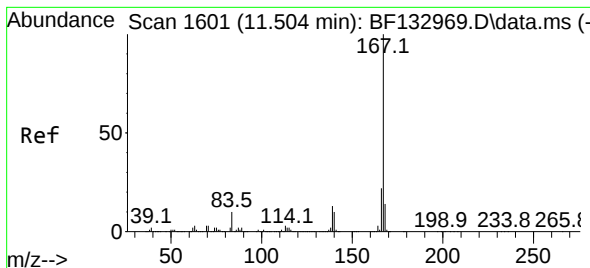
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#72
Anthracene
Concen: 44.762 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

Tgt Ion:178 Resp: 1755078
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.8 12.4 18.6





#73

Carbazole

Concen: 47.506 ng

RT: 11.486 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

Instrument :

BNA_F

ClientSampleId :

20230324-COMP-2MS

Tgt Ion:167 Resp: 1658600

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.0

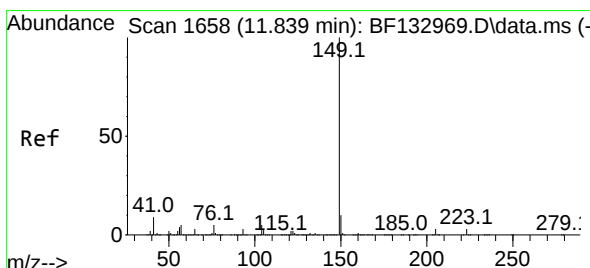
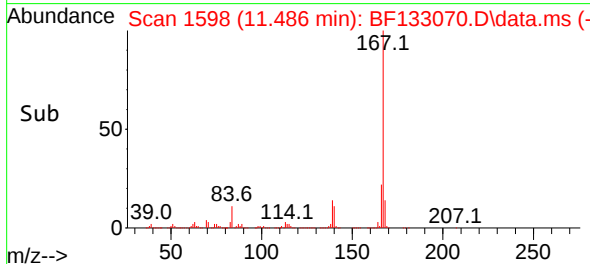
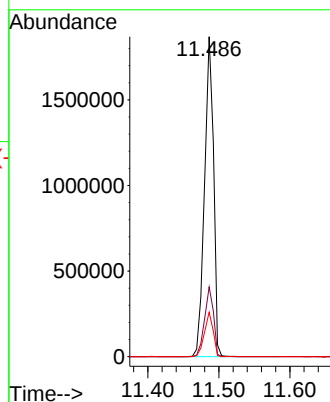
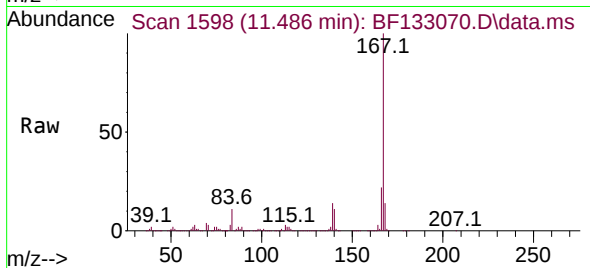
139 13.9 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#74

Di-n-butylphthalate

Concen: 48.507 ng

RT: 11.822 min Scan# 1655

Delta R.T. 0.000 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

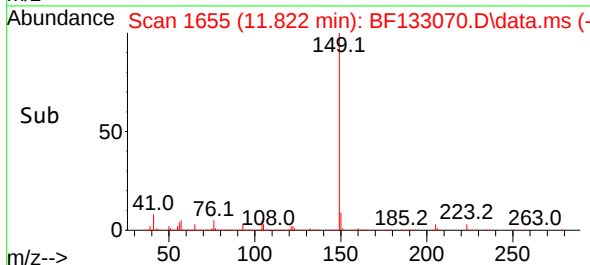
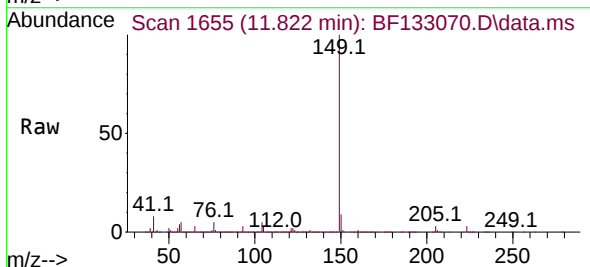
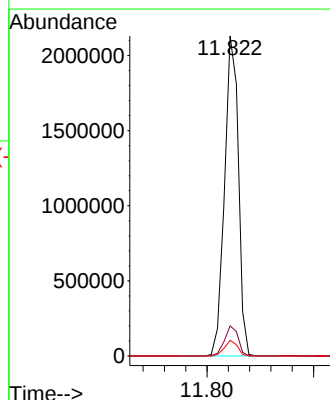
Tgt Ion:149 Resp: 1916521

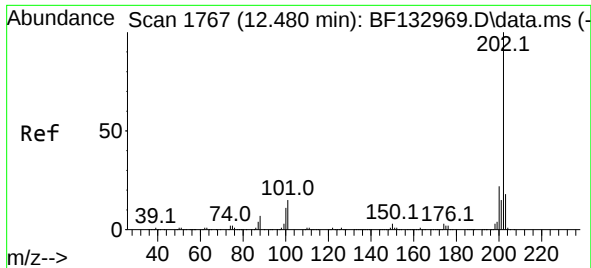
Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

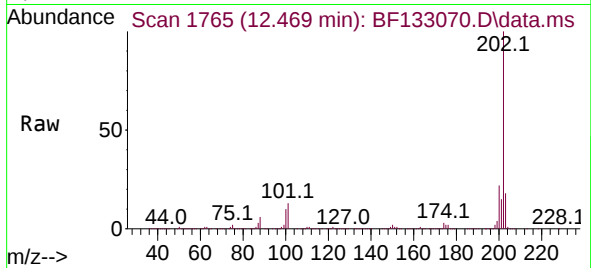
104 4.8 4.0 6.0





#75
Fluoranthene
Concen: 47.112 ng
RT: 12.469 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

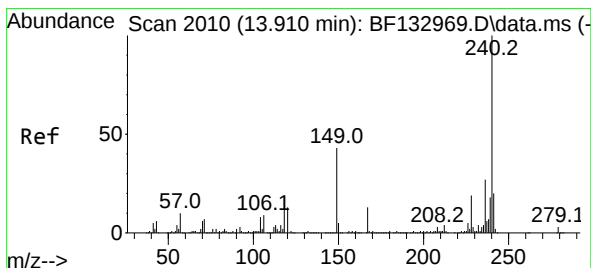
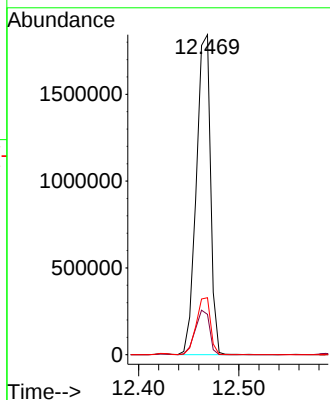
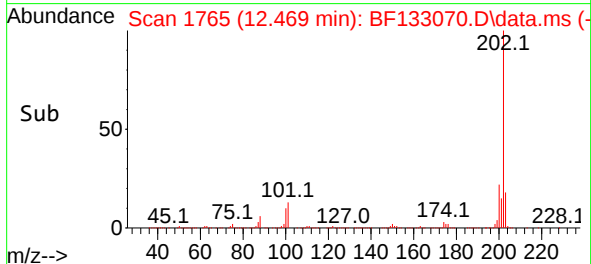
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS



Tgt Ion:202 Resp: 1811530
Ion Ratio Lower Upper
202 100
101 12.6 0.0 35.3
203 17.8 0.0 38.1

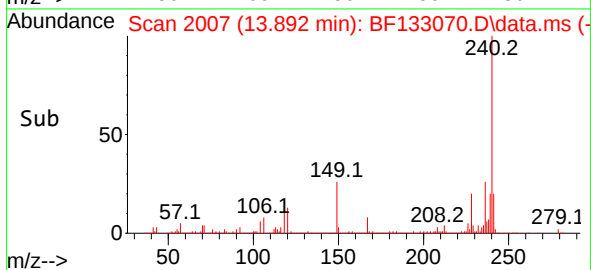
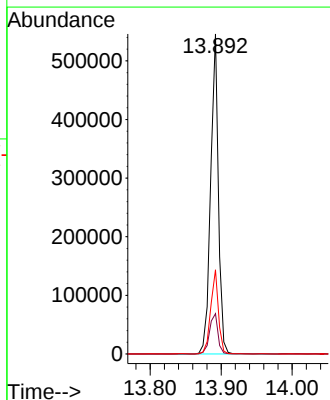
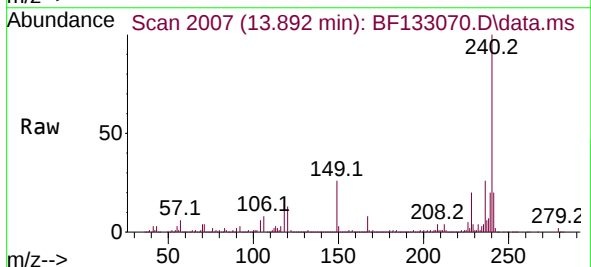
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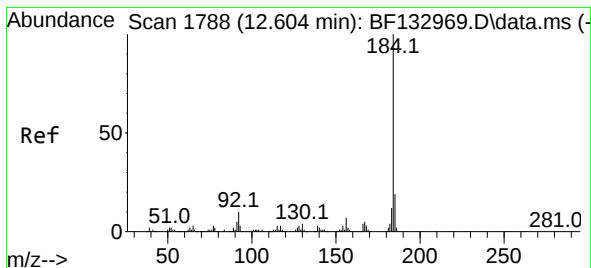
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

Tgt Ion:240 Resp: 414389
Ion Ratio Lower Upper
240 100
120 12.6 10.5 15.7
236 26.3 21.5 32.3





#77

Benzidine

Concen: 139.447 ng

RT: 12.586 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

Instrument :

BNA_F

ClientSampleId :

20230324-COMP-2MS

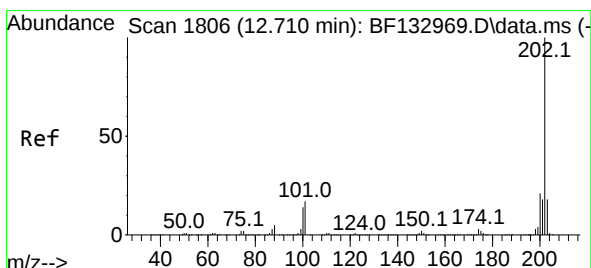
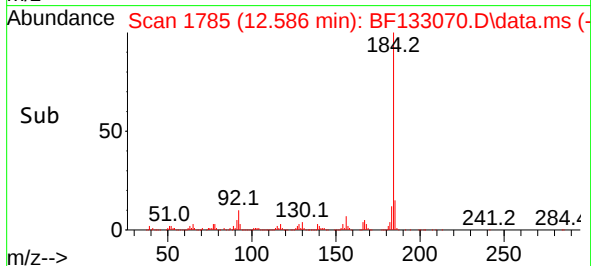
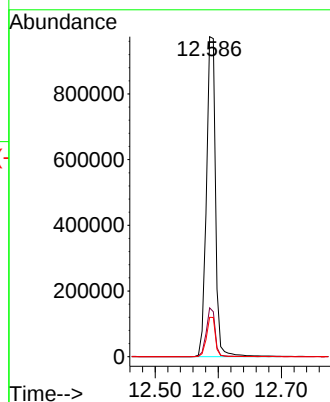
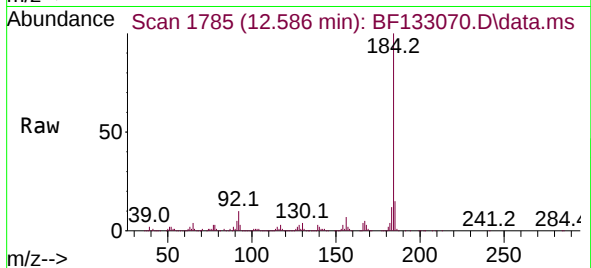
Tgt Ion:184 Resp: 977183
 Ion Ratio Lower Upper
 184 100
 185 15.2 15.4 23.2
 183 12.3 9.4 14.0

Manual Integrations

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Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#78

Pyrene

Concen: 52.199 ng

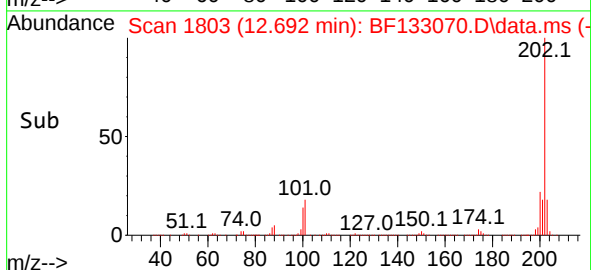
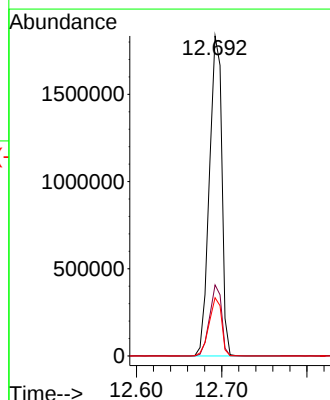
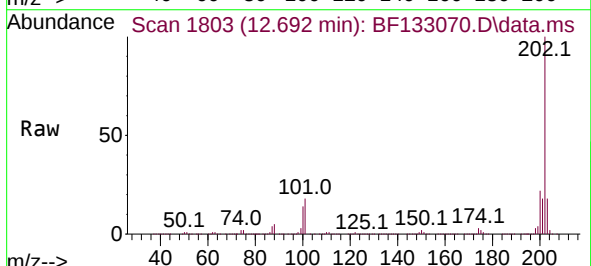
RT: 12.692 min Scan# 1803

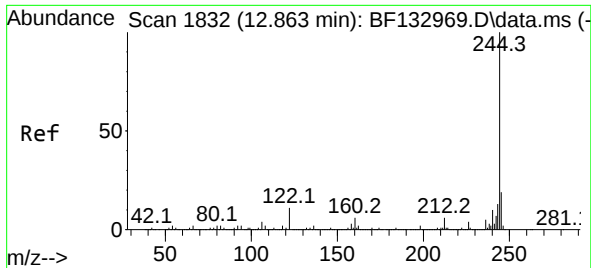
Delta R.T. 0.000 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

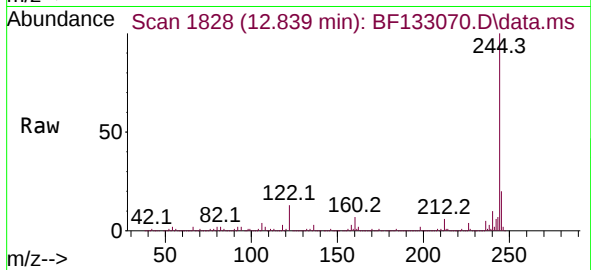
Tgt Ion:202 Resp: 1854250
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.1 25.7
 203 18.2 14.1 21.1





#79
 Terphenyl-d14
 Concen: 73.335 ng
 RT: 12.839 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133070.D
 Acq: 26 Apr 2023 18:00

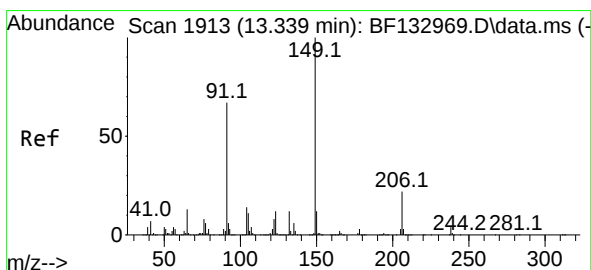
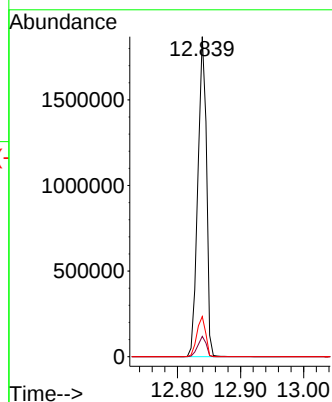
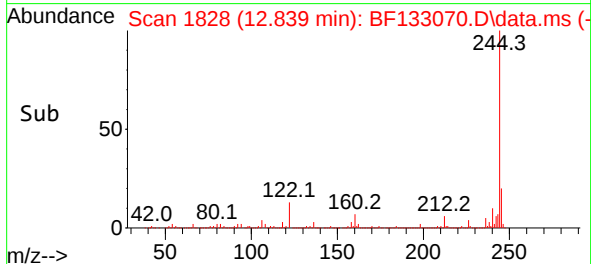
Instrument :
 BNA_F
 ClientSampleId :
 20230324-COMP-2MS



Tgt Ion:244 Resp: 1762034
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 12.6 8.6 13.0

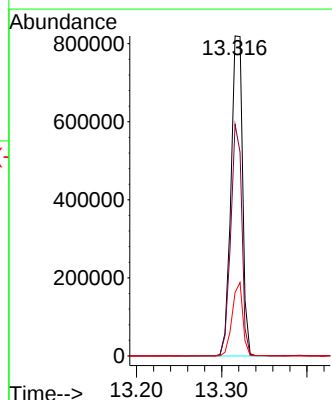
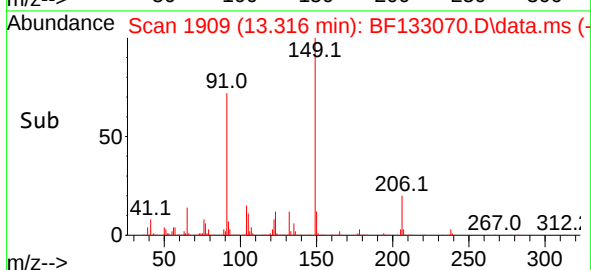
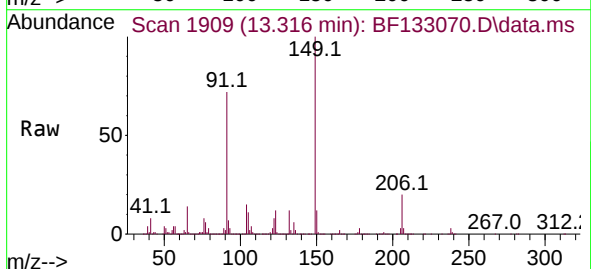
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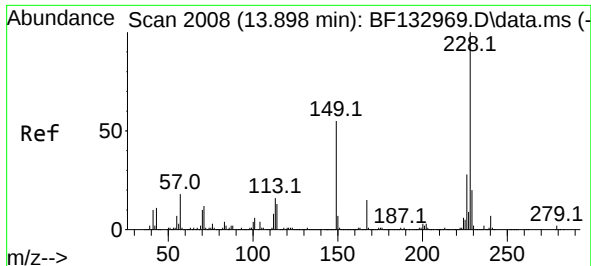
Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023



#80
 Butylbenzylphthalate
 Concen: 61.523 ng
 RT: 13.316 min Scan# 1909
 Delta R.T. 0.000 min
 Lab File: BF133070.D
 Acq: 26 Apr 2023 18:00

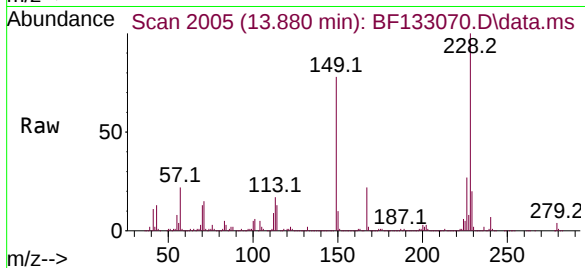
Tgt Ion:149 Resp: 773812
 Ion Ratio Lower Upper
 149 100
 91 72.3 53.8 80.6
 206 19.9 17.5 26.3





#81
Benzo(a)anthracene
Concen: 46.899 ng
RT: 13.880 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

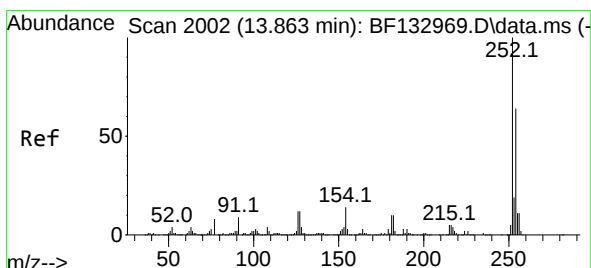
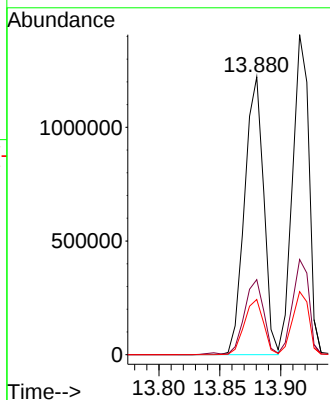
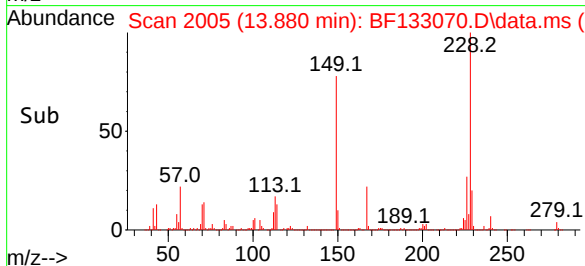
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS



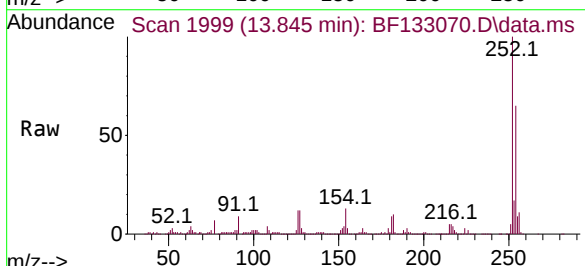
Tgt Ion:228 Resp: 133644
Ion Ratio Lower Upper
228 100
226 27.0 22.2 33.4
229 19.9 16.0 24.0

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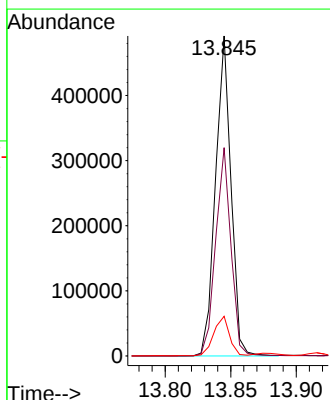
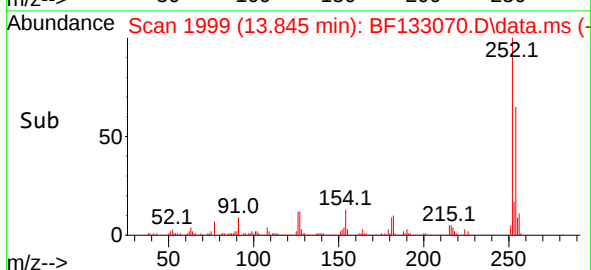
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

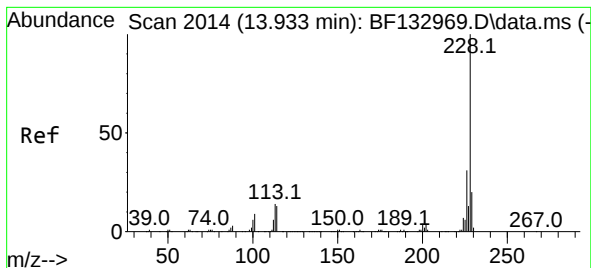


#82
3,3'-Dichlorobenzidine
Concen: 51.067 ng
RT: 13.845 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00



Tgt Ion:252 Resp: 402004
Ion Ratio Lower Upper
252 100
254 65.1 51.5 77.3
126 12.4 9.5 14.3





#83

Chrysene

Concen: 46.061 ng

RT: 13.916 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

Instrument :

BNA_F

ClientSampleId :

20230324-COMP-2MS

Tgt Ion:228 Resp: 1312234

Ion Ratio Lower Upper

228 100

226 29.8 24.7 37.1

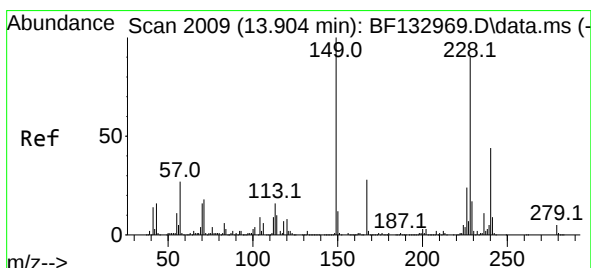
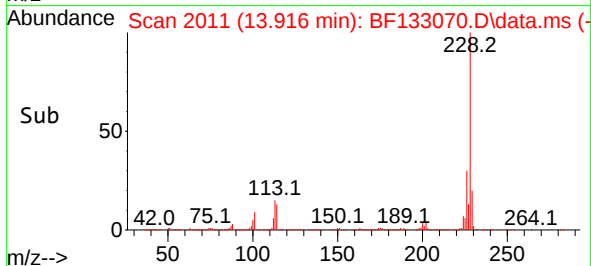
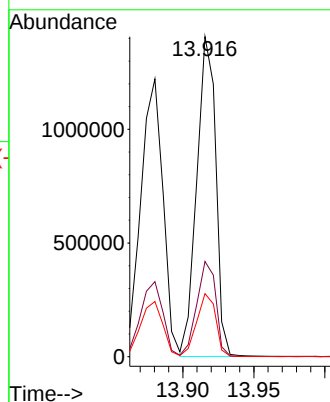
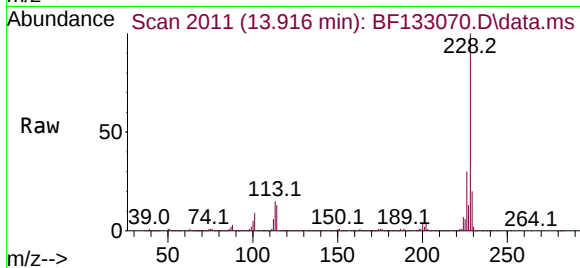
229 19.7 16.1 24.1

Manual Integrations

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Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.141 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

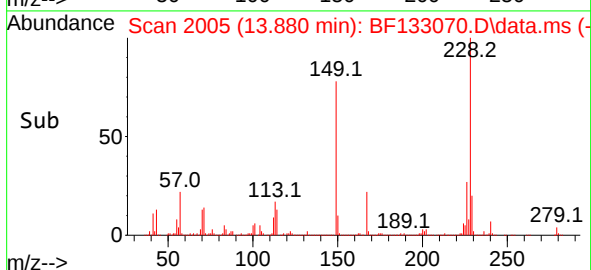
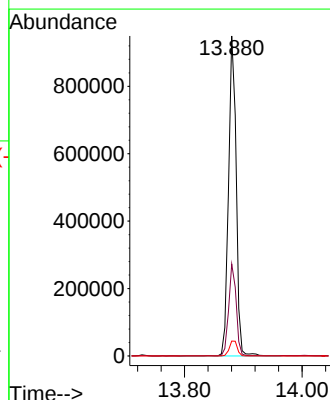
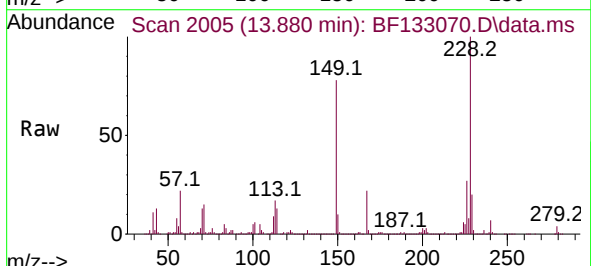
Tgt Ion:149 Resp: 854738

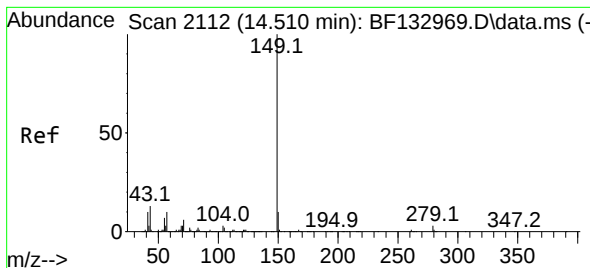
Ion Ratio Lower Upper

149 100

167 28.8 22.5 33.7

279 4.6 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 52.215 ng

RT: 14.492 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF133070.D

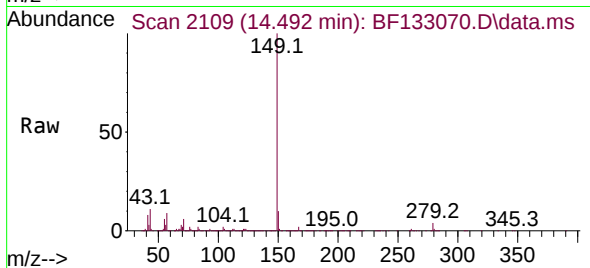
Acq: 26 Apr 2023 18:00

Instrument :

BNA_F

ClientSampleId :

20230324-COMP-2MS



Tgt Ion:149 Resp: 1344118

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

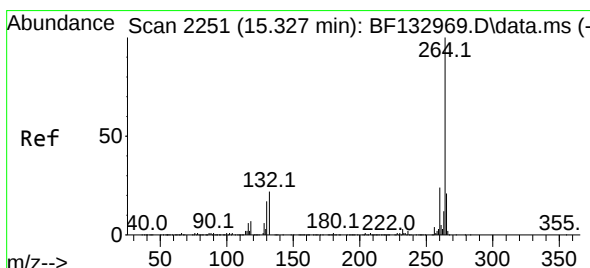
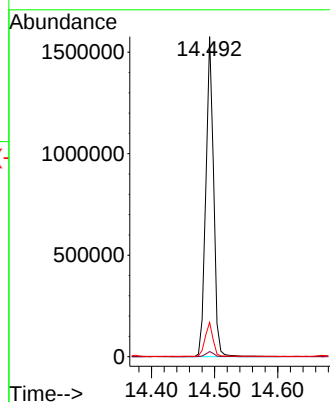
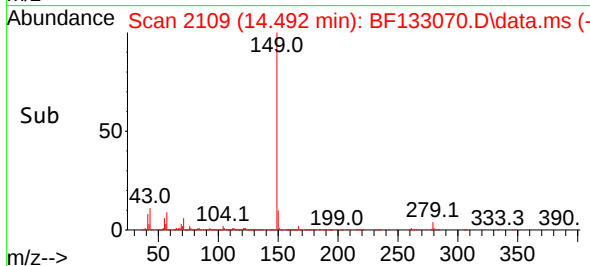
43 10.7 9.5 14.3

Manual Integrations

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Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. 0.000 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

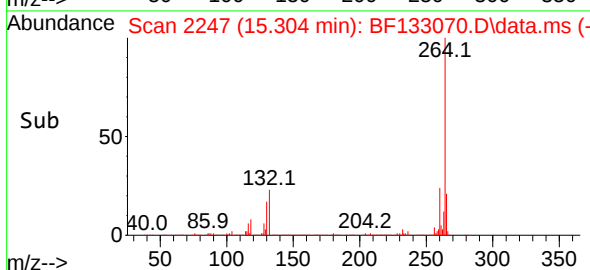
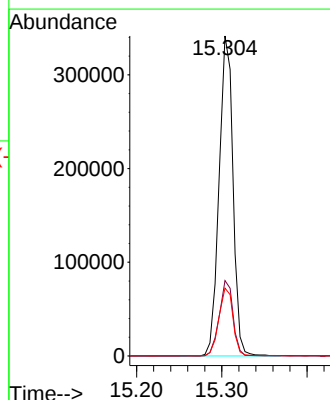
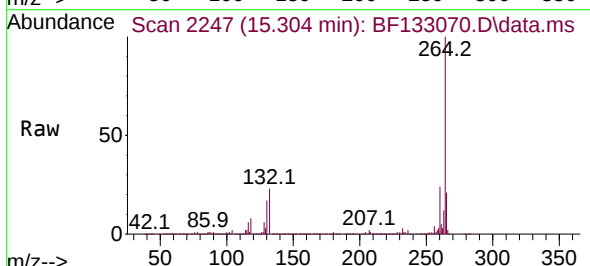
Tgt Ion:264 Resp: 386979

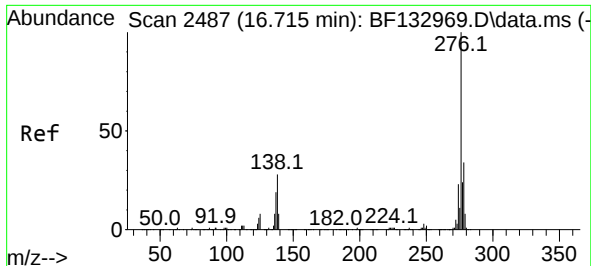
Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

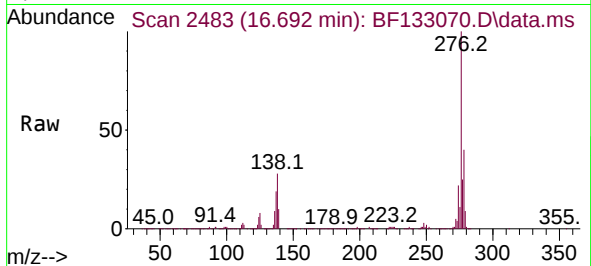
265 21.2 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 67.062 ng
 RT: 16.692 min Scan# 2487
 Delta R.T. 0.006 min
 Lab File: BF133070.D
 Acq: 26 Apr 2023 18:00

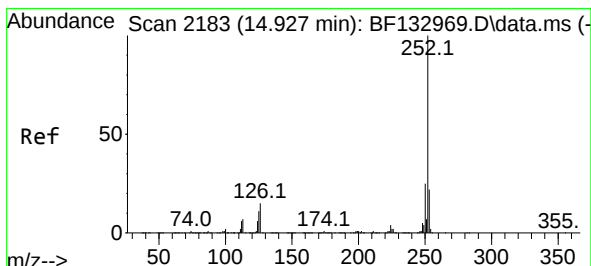
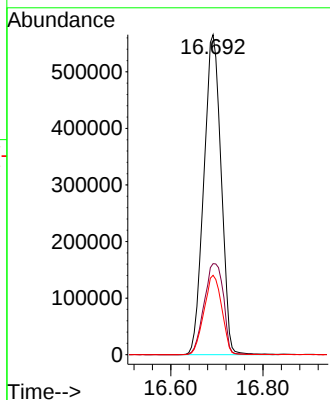
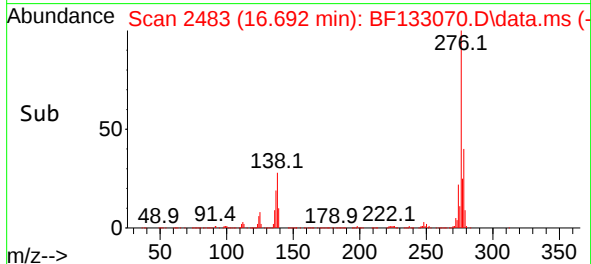
Instrument :
 BNA_F
 ClientSampleId :
 20230324-COMP-2MS



Tgt Ion:276 Resp: 1476184
 Ion Ratio Lower Upper
 276 100
 138 31.8 25.5 38.3
 277 25.6 20.4 30.6

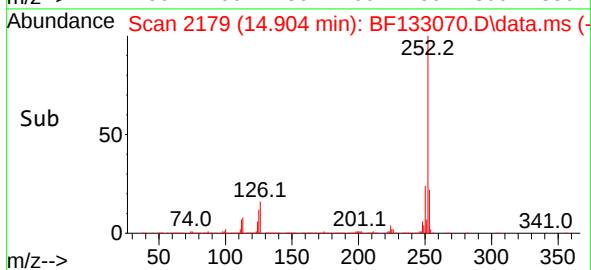
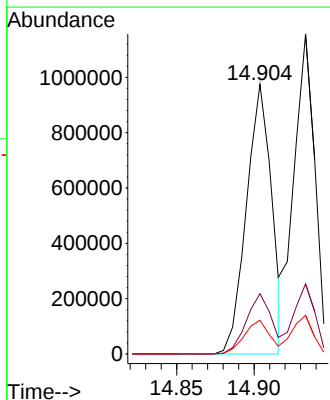
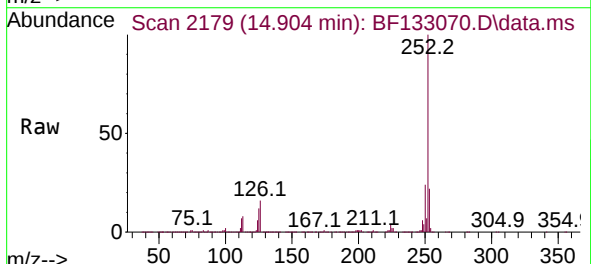
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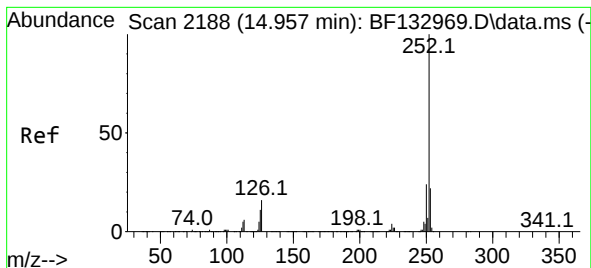
Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023



#88
 Benzo(b)fluoranthene
 Concen: 44.819 ng
 RT: 14.904 min Scan# 2179
 Delta R.T. 0.000 min
 Lab File: BF133070.D
 Acq: 26 Apr 2023 18:00

Tgt Ion:252 Resp: 1103407
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.6 26.4
 125 12.5 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 44.777 ng

RT: 14.933 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

Instrument :

BNA_F

ClientSampleId :

20230324-COMP-2MS

Tgt Ion:252 Resp: 1092769

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

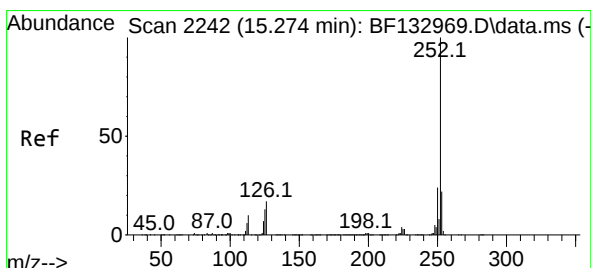
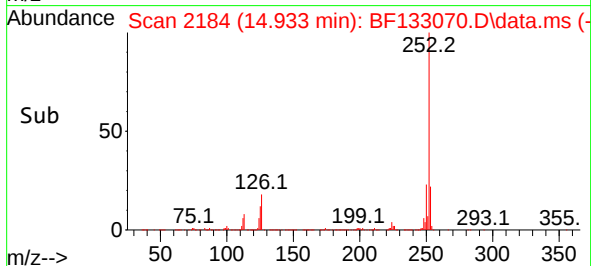
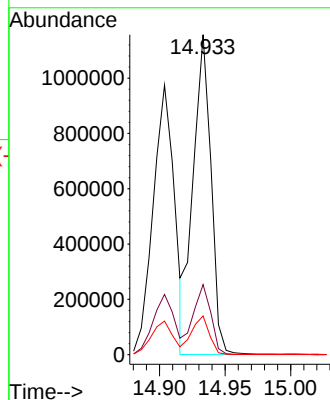
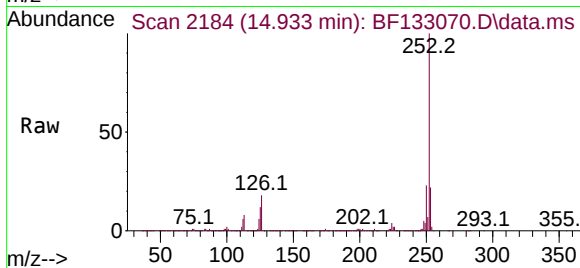
125 12.1 9.0 13.4

Manual Integrations

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Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#90

Benzo(a)pyrene

Concen: 44.986 ng

RT: 15.251 min Scan# 2238

Delta R.T. 0.000 min

Lab File: BF133070.D

Acq: 26 Apr 2023 18:00

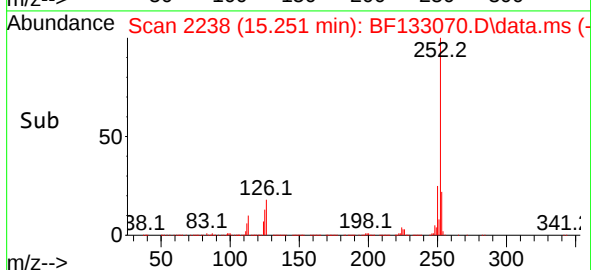
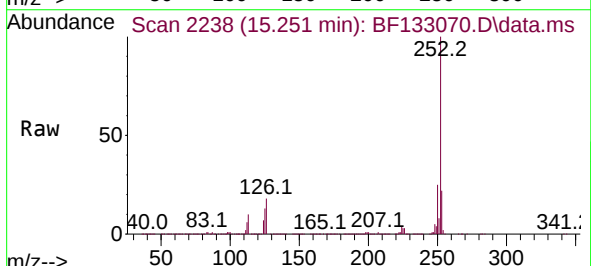
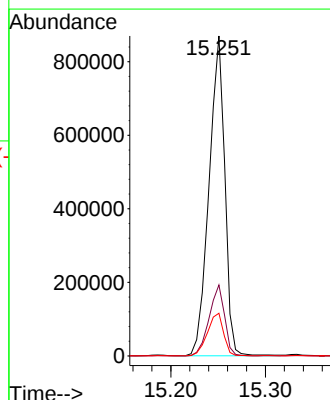
Tgt Ion:252 Resp: 1008080

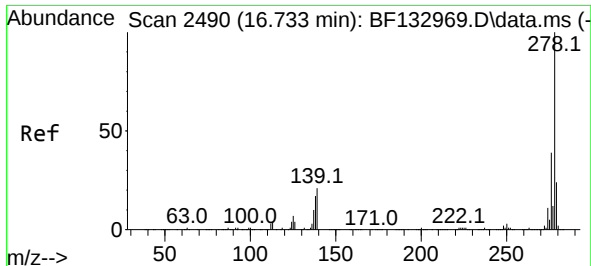
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

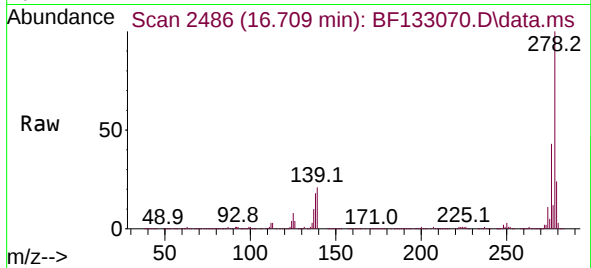
125 13.3 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 67.157 ng
RT: 16.709 min Scan# 2490
Delta R.T. 0.006 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

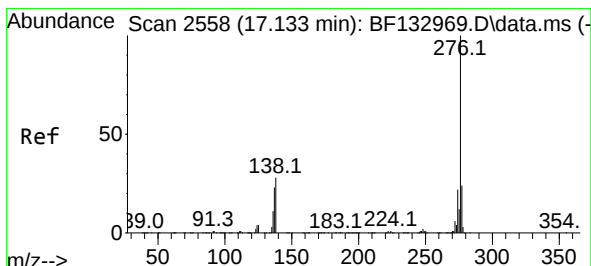
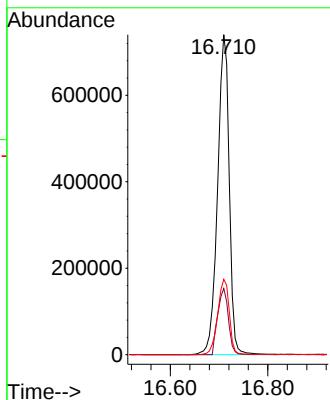
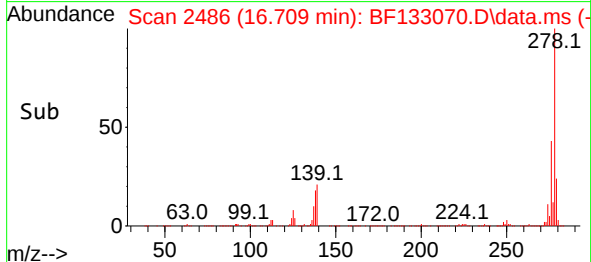
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2MS



Tgt Ion:278 Resp: 123295
Ion Ratio Lower Upper
278 100
139 20.7 16.6 24.8
279 23.6 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#92
Benzo(g,h,i)perylene
Concen: 69.185 ng
RT: 17.109 min Scan# 2554
Delta R.T. 0.012 min
Lab File: BF133070.D
Acq: 26 Apr 2023 18:00

Tgt Ion:276 Resp: 1253987
Ion Ratio Lower Upper
276 100
277 23.8 19.4 29.0
138 27.2 22.7 34.1

