

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
 Data File : BF133314.D
 Acq On : 09 May 2023 13:24
 Operator : CG\JU
 Sample : PB152670BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152670BS

Quant Time: May 10 01:45:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	202138	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	803538	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	414603	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	735479	20.000	ng	0.00
76) Chrysene-d12	13.874	240	416217	20.000	ng	0.00
86) Perylene-d12	15.292	264	375879	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1303558	97.417	ng	0.02
7) Phenol-d6	6.369	99	1630050	98.143	ng	0.00
23) Nitrobenzene-d5	7.292	82	983188	66.045	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	394136	94.526	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1697891	68.513	ng	0.00
79) Terphenyl-d14	12.827	244	1689053	69.989	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	251520	40.524	ng	97
3) Pyridine	3.169	79	604736	36.684	ng	97
4) n-Nitrosodimethylamine	3.134	42	331895	38.870	ng	98
6) Aniline	6.386	93	730565	34.152	ng	# 38
8) 2-Chlorophenol	6.510	128	583860	42.974	ng	97
9) Benzaldehyde	6.269	77	332970	45.608	ng	99
10) Phenol	6.386	94	728664	39.769	ng	# 74
11) bis(2-Chloroethyl)ether	6.463	93	567766	41.294	ng	98
12) 1,3-Dichlorobenzene	6.663	146	631142	43.694	ng	99
13) 1,4-Dichlorobenzene	6.739	146	640727	44.259	ng	99
14) 1,2-Dichlorobenzene	6.892	146	593498	44.468	ng	96
15) Benzyl Alcohol	6.875	79	459055	40.012	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	915775	38.347	ng	94
17) 2-Methylphenol	6.986	107	492781	39.610	ng	98
18) Hexachloroethane	7.233	117	227639	45.228	ng	97
19) n-Nitroso-di-n-propyla...	7.145	70	384853	37.220	ng	95
20) 3+4-Methylphenols	7.145	107	577766	39.435	ng	# 69
22) Acetophenone	7.133	105	801900	43.081	ng	# 95
24) Nitrobenzene	7.310	77	612589	40.609	ng	100
25) Isophorone	7.551	82	1148899	40.648	ng	100
26) 2-Nitrophenol	7.628	139	330187	45.380	ng	93
27) 2,4-Dimethylphenol	7.669	122	539527	43.244	ng	100
28) bis(2-Chloroethoxy)met...	7.763	93	692596	41.421	ng	99
29) 2,4-Dichlorophenol	7.869	162	495741	43.648	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	520068	44.199	ng	100
31) Naphthalene	8.028	128	1675213	41.699	ng	99
32) Benzoic acid	7.804	122	288365	37.418	ng	95
33) 4-Chloroaniline	8.080	127	411672	25.362	ng	99
34) Hexachlorobutadiene	8.151	225	280357	42.989	ng	97
35) Caprolactam	8.457	113	115035	30.150	ng	90
36) 4-Chloro-3-methylphenol	8.569	107	524113	42.792	ng	98
37) 2-Methylnaphthalene	8.722	142	1098267	39.986	ng	98
38) 1-Methylnaphthalene	8.822	142	1045689	40.697	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	453103	40.646	ng	99
41) Hexachlorocyclopentadiene	8.875	237	554979	85.365	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	321497	41.703	ng	100

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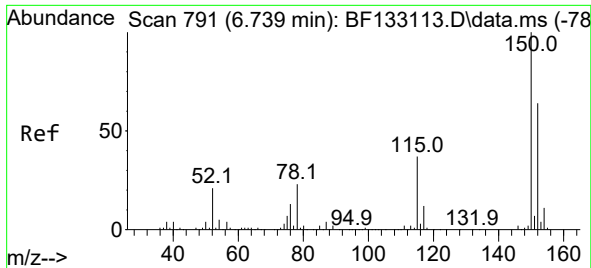
Quant Time: May 10 01:45:27 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	341713	38.326	ng	98
46) 1,1'-Biphenyl	9.186	154	1354527	41.201	ng	99
47) 2-Chloronaphthalene	9.210	162	1015988	42.222	ng	99
48) 2-Nitroaniline	9.304	65	325529	40.933	ng	94
49) Acenaphthylene	9.622	152	1565177	40.708	ng	100
50) Dimethylphthalate	9.492	163	1186159	41.030	ng	98
51) 2,6-Dinitrotoluene	9.551	165	275735	42.377	ng	87
52) Acenaphthene	9.792	154	966603	37.536	ng	98
53) 3-Nitroaniline	9.716	138	235756	30.472	ng	99
54) 2,4-Dinitrophenol	9.827	184	281650	86.115	ng	99
55) Dibenzofuran	9.969	168	1400872	39.880	ng	98
56) 4-Nitrophenol	9.892	139	452117	75.451	ng	92
57) 2,4-Dinitrotoluene	9.957	165	353143	42.558	ng	90
58) Fluorene	10.310	166	1021007	39.673	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	286656	41.471	ng	98
60) Diethylphthalate	10.186	149	1122795	41.118	ng	100
61) 4-Chlorophenyl-phenyle...	10.298	204	496953	39.624	ng	93
62) 4-Nitroaniline	10.333	138	305922	43.022	ng	98
63) Azobenzene	10.463	77	1134746	39.228	ng	97
65) 4,6-Dinitro-2-methylph...	10.363	198	202856	45.505	ng	87
66) n-Nitrosodiphenylamine	10.421	169	945030	39.612	ng	100
67) 4-Bromophenyl-phenylether	10.792	248	319311	40.030	ng	96
68) Hexachlorobenzene	10.857	284	336257	41.139	ng	97
69) Atrazine	10.951	200	325091	47.291	ng	98
70) Pentachlorophenol	11.051	266	399795	68.679	ng	97
71) Phenanthrene	11.268	178	1567921	39.664	ng	100
72) Anthracene	11.321	178	1616388	39.956	ng	99
73) Carbazole	11.474	167	1456645	40.438	ng	99
74) Di-n-butylphthalate	11.810	149	1715279	42.078	ng	100
75) Fluoranthene	12.451	202	1536698	38.734	ng	98
77) Benzidine	12.574	184	899834	127.846	ng	# 94
78) Pyrene	12.680	202	1587574	44.496	ng	98
80) Butylbenzylphthalate	13.304	149	654428	51.802	ng	99
81) Benzo(a)anthracene	13.868	228	1138250	39.768	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	288833	36.529	ng	98
83) Chrysene	13.904	228	1123158	39.251	ng	100
84) Bis(2-ethylhexyl)phtha...	13.862	149	711299	44.857	ng	# 99
85) Di-n-octyl phthalate	14.474	149	1178959	45.598	ng	98
87) Indeno(1,2,3-cd)pyrene	16.674	276	1059691	49.563	ng	98
88) Benzo(b)fluoranthene	14.892	252	1029014	43.032	ng	99
89) Benzo(k)fluoranthene	14.921	252	968120	40.841	ng	99
90) Benzo(a)pyrene	15.233	252	863305	39.663	ng	99
91) Dibenzo(a,h)anthracene	16.686	278	878163	49.245	ng	98
92) Benzo(g,h,i)perylene	17.092	276	892494	50.695	ng	97

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

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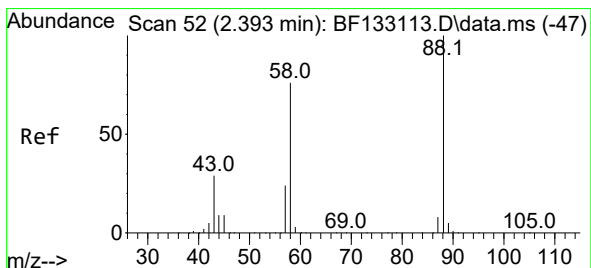
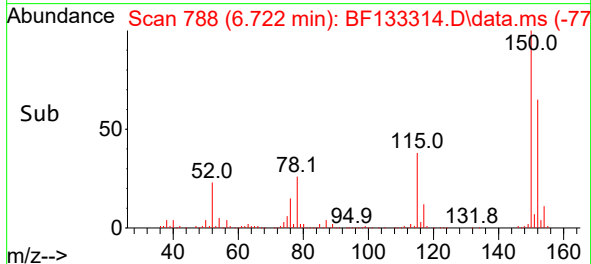
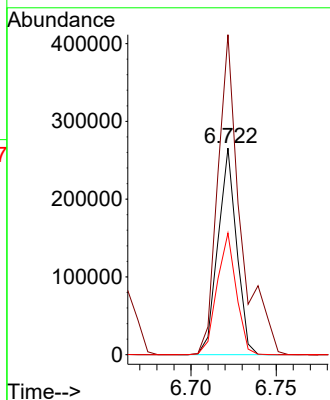
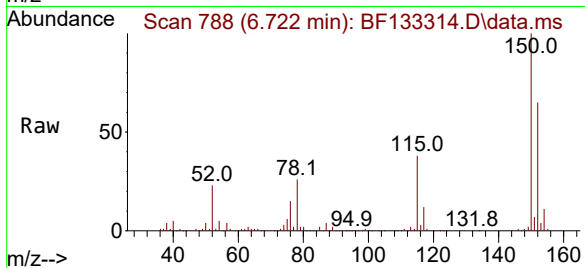




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133314.D
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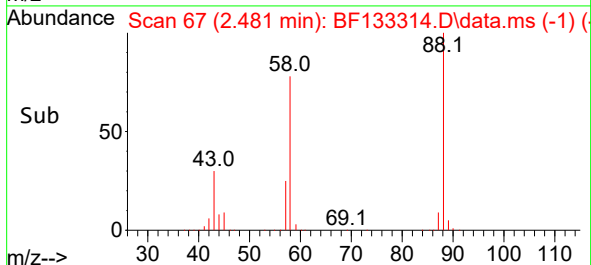
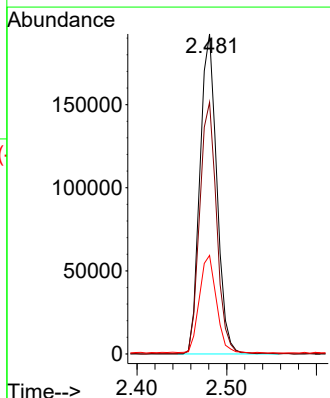
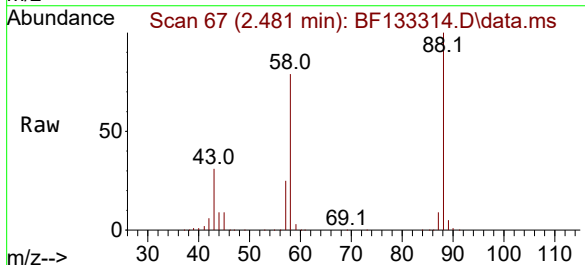
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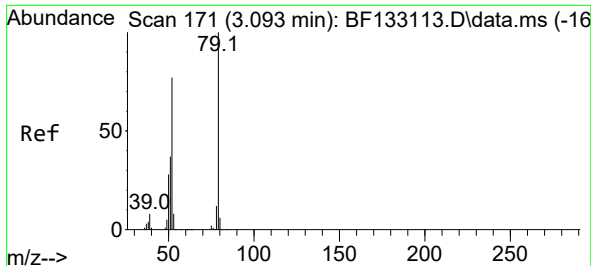
Tgt Ion:152 Resp: 202138
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.8 187.2
 115 58.8 49.9 74.9



#2
 1,4-Dioxane
 Concen: 40.524 ng
 RT: 2.481 min Scan# 67
 Delta R.T. 0.112 min
 Lab File: BF133314.D
 Acq: 09 May 2023 13:24

Tgt Ion: 88 Resp: 251520
 Ion Ratio Lower Upper
 88 100
 58 78.7 64.7 97.1
 43 31.1 26.2 39.2

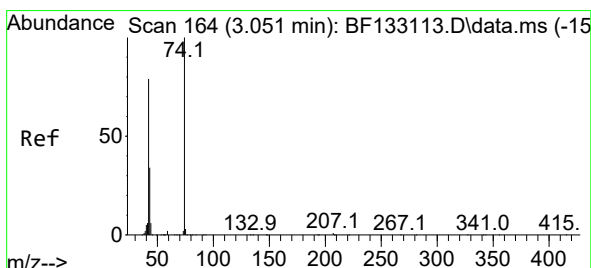
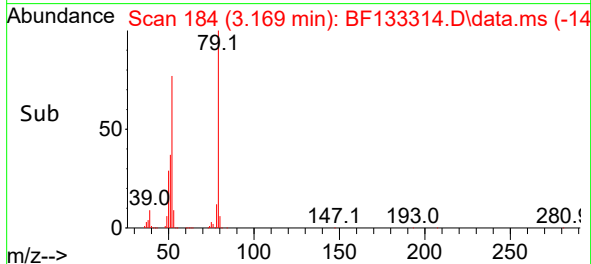
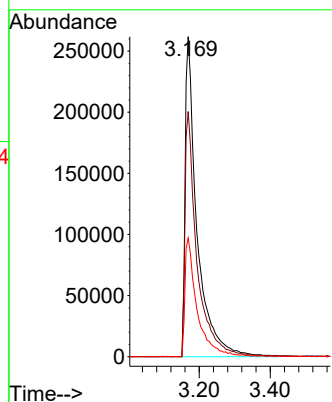
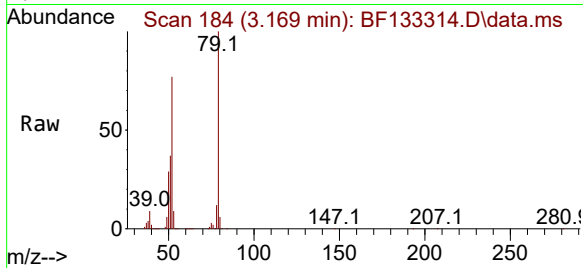




#3
 Pyridine
 Concen: 36.684 ng
 RT: 3.169 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: BF133314.D
 Acq: 09 May 2023 13:24

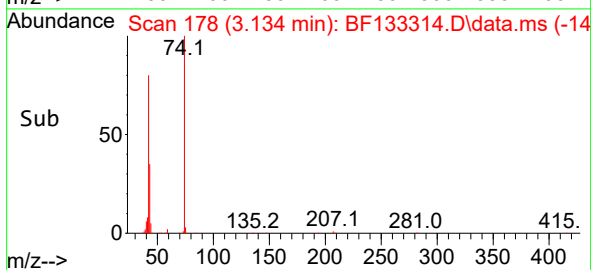
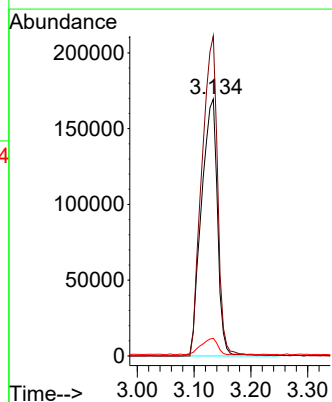
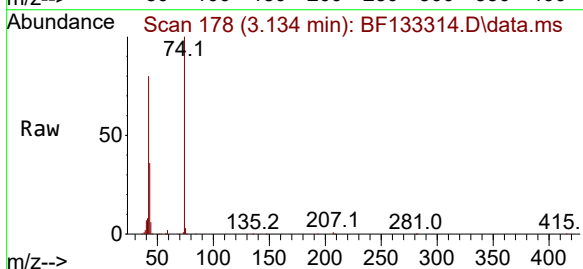
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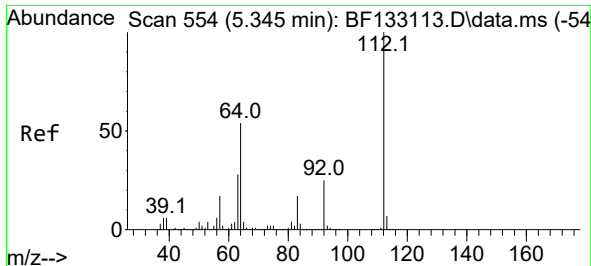
Tgt Ion: 79 Resp: 604736
 Ion Ratio Lower Upper
 79 100
 52 76.6 64.6 96.8
 51 37.1 30.0 45.0



#4
 n-Nitrosodimethylamine
 Concen: 38.870 ng
 RT: 3.134 min Scan# 178
 Delta R.T. 0.100 min
 Lab File: BF133314.D
 Acq: 09 May 2023 13:24

Tgt Ion: 42 Resp: 331895
 Ion Ratio Lower Upper
 42 100
 74 124.5 98.0 147.0
 44 6.9 5.8 8.8

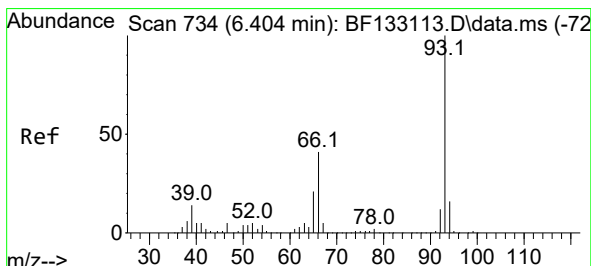
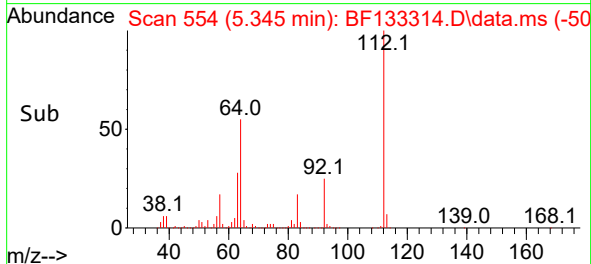
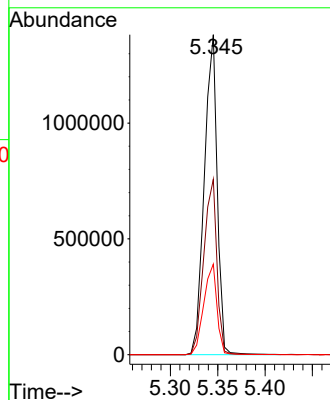
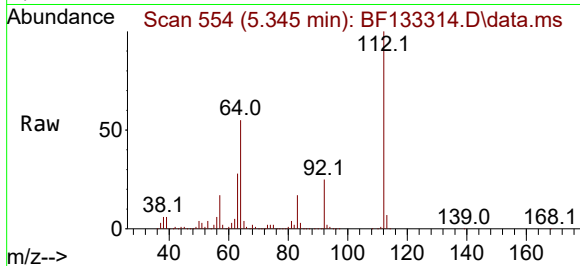




#5
2-Fluorophenol
Concen: 97.417 ng
RT: 5.345 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

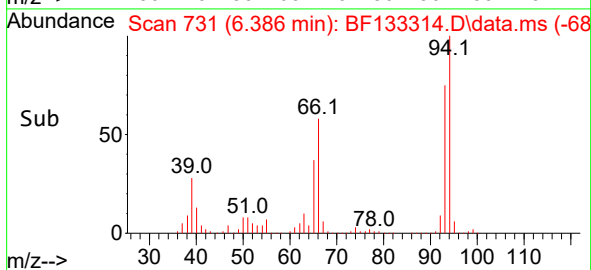
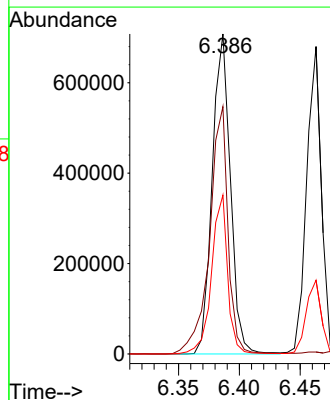
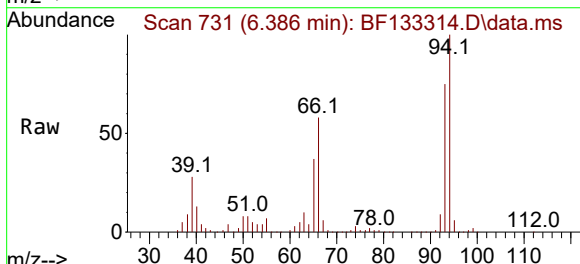
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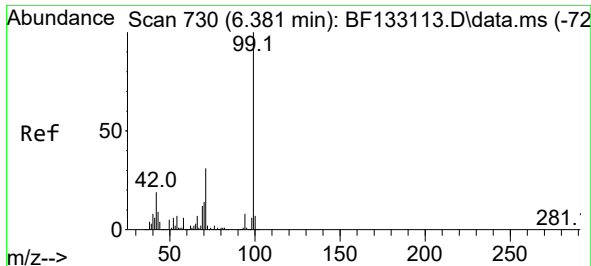
Tgt Ion:112 Resp: 1303558
Ion Ratio Lower Upper
112 100
64 54.8 46.8 70.2
63 28.3 23.8 35.8



#6
Aniline
Concen: 34.152 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion: 93 Resp: 730565
Ion Ratio Lower Upper
93 100
66 77.3 31.5 47.3#
65 49.6 16.4 24.6#





#7

Phenol-d6

Concen: 98.143 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

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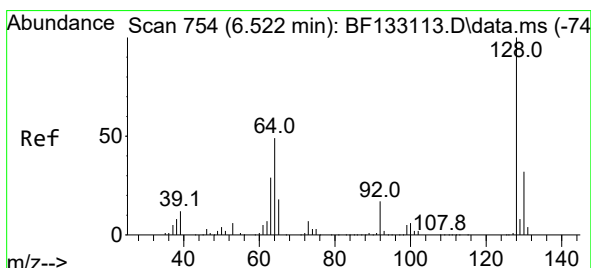
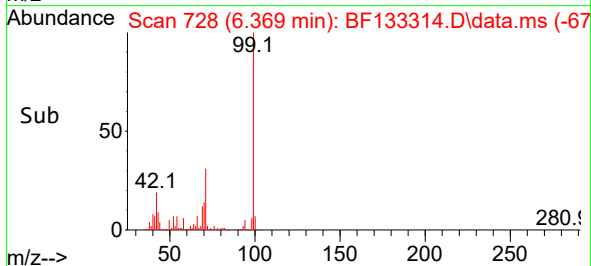
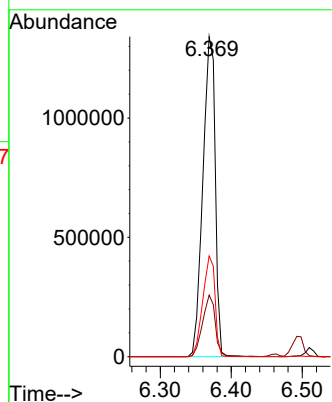
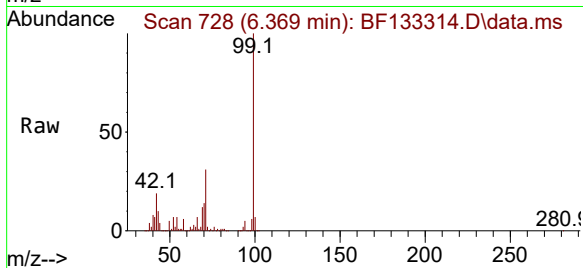
Tgt Ion: 99 Resp: 1630050

Ion Ratio Lower Upper

99 100

42 19.3 16.3 24.5

71 31.5 25.6 38.4



#8

2-Chlorophenol

Concen: 42.974 ng

RT: 6.510 min Scan# 752

Delta R.T. -0.000 min

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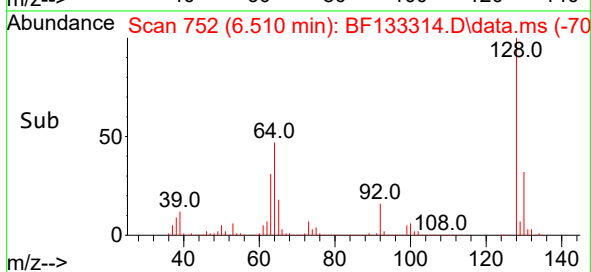
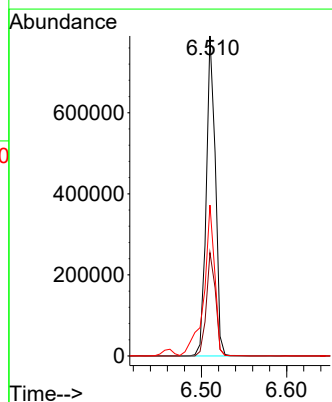
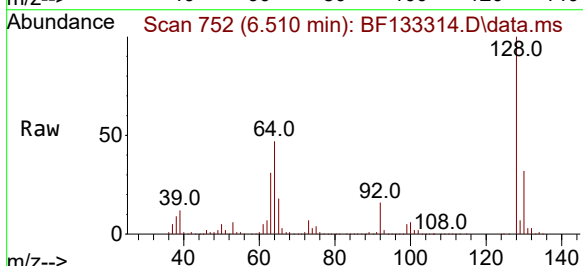
Tgt Ion:128 Resp: 583860

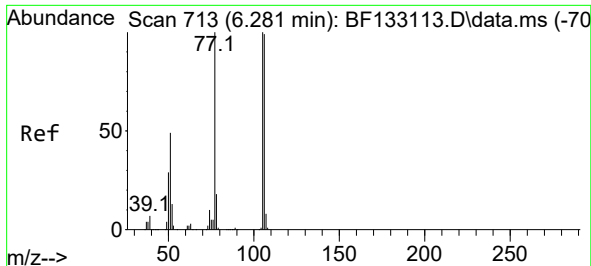
Ion Ratio Lower Upper

128 100

130 32.3 12.2 52.2

64 47.1 30.3 70.3

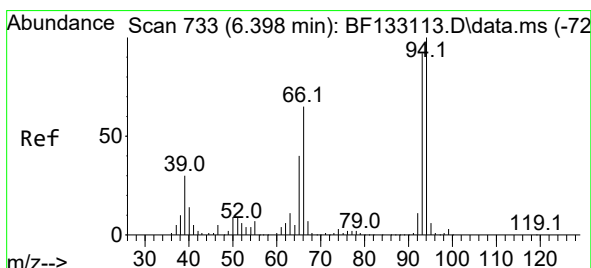
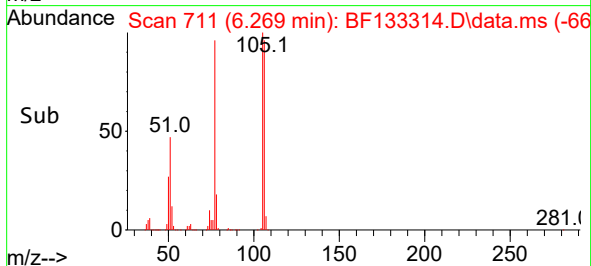
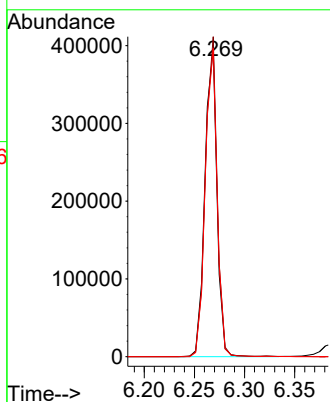
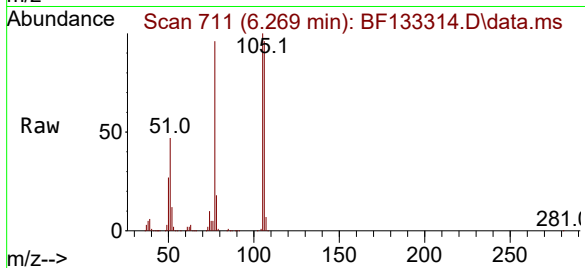




#9
Benzaldehyde
Concen: 45.608 ng
RT: 6.269 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

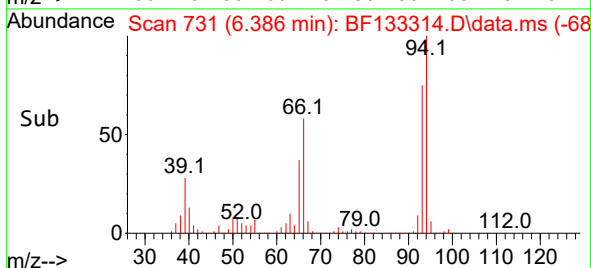
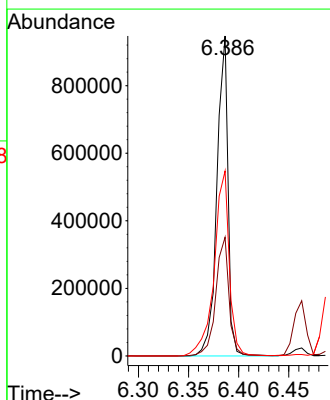
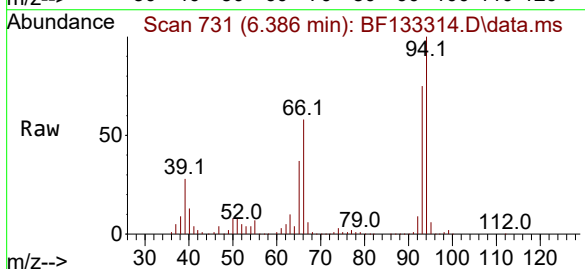
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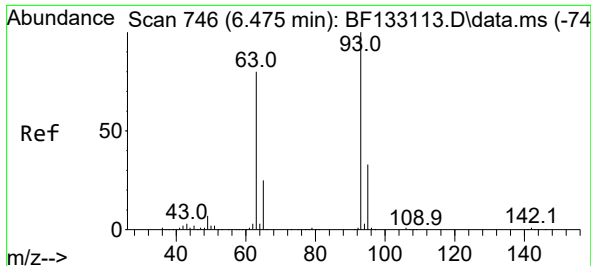
Tgt Ion: 77 Resp: 332970
Ion Ratio Lower Upper
77 100
105 104.1 82.3 122.3
106 100.2 80.8 120.8



#10
Phenol
Concen: 39.769 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion: 94 Resp: 728664
Ion Ratio Lower Upper
94 100
65 37.1 8.6 48.6
66 57.8 17.3 57.3#





#11

bis(2-Chloroethyl)ether

Concen: 41.294 ng

RT: 6.463 min Scan# 744

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS

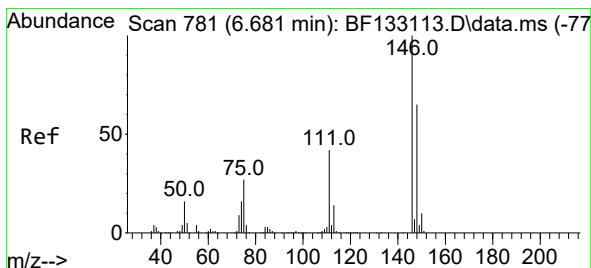
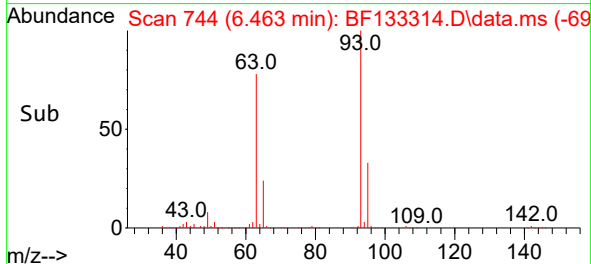
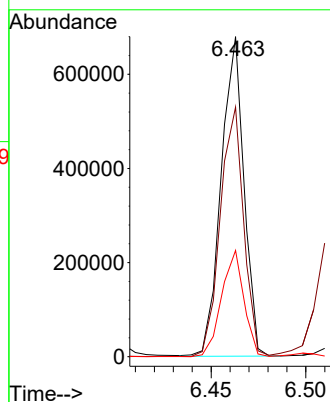
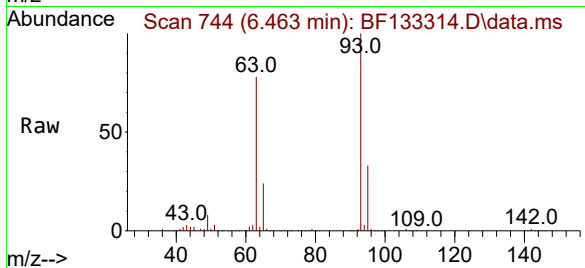
Tgt Ion: 93 Resp: 567766

Ion Ratio Lower Upper

93 100

63 78.0 60.6 100.6

95 33.2 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 43.694 ng

RT: 6.663 min Scan# 778

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

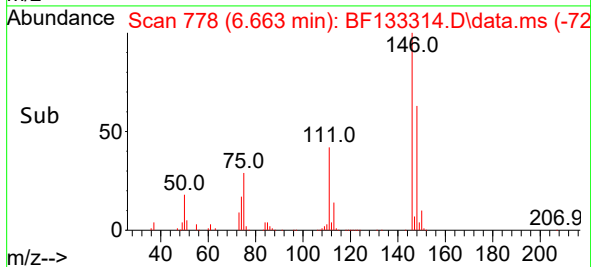
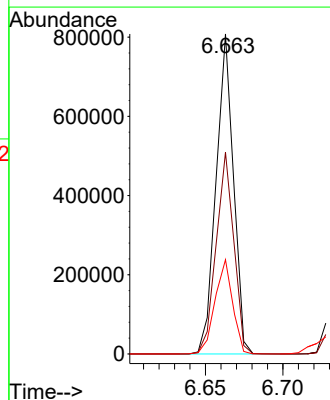
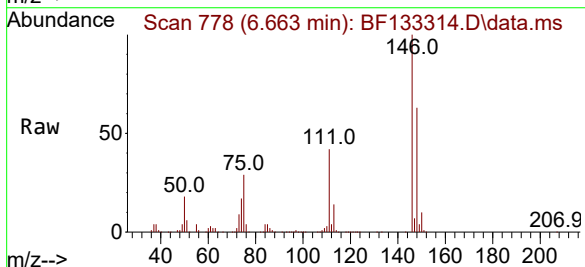
Tgt Ion: 146 Resp: 631142

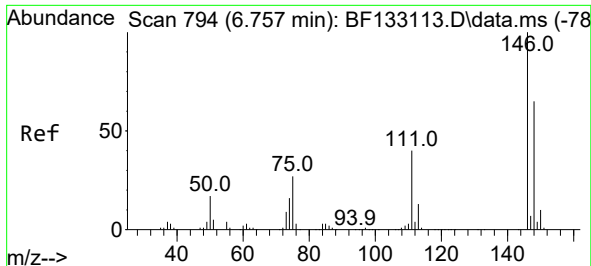
Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.4

75 29.5 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 44.259 ng

RT: 6.739 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS

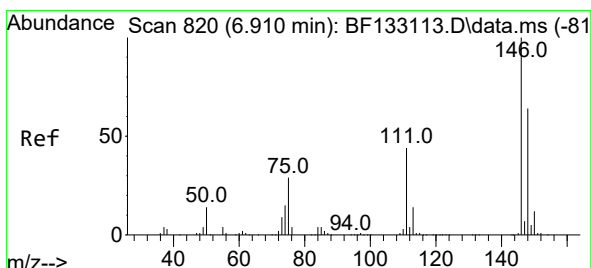
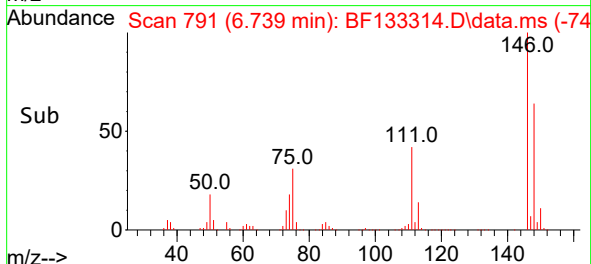
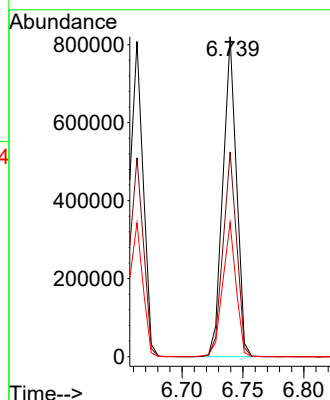
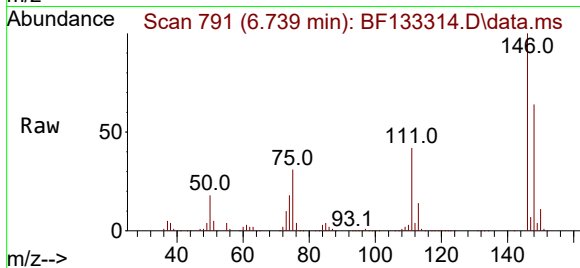
Tgt Ion:146 Resp: 640727

Ion Ratio Lower Upper

146 100

148 64.0 50.3 75.5

111 41.9 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 44.468 ng

RT: 6.892 min Scan# 817

Delta R.T. -0.006 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

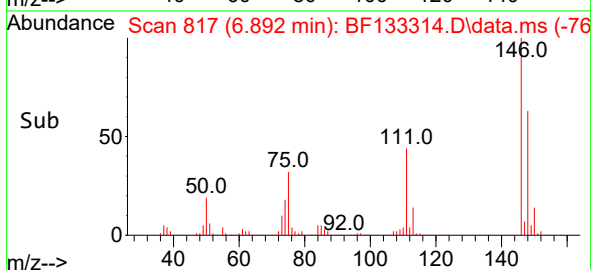
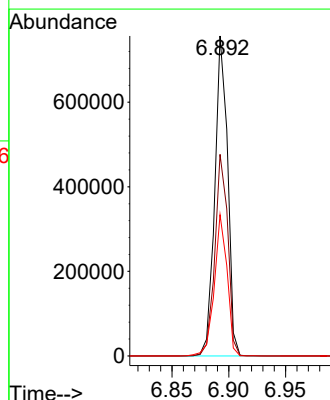
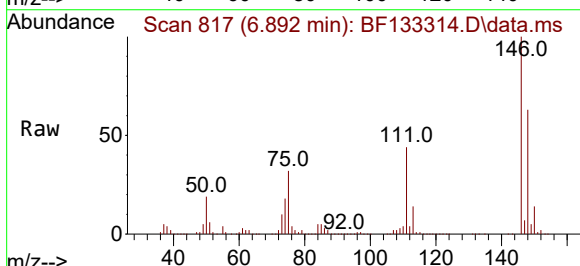
Tgt Ion:146 Resp: 593498

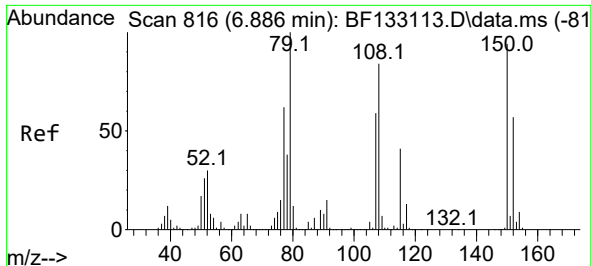
Ion Ratio Lower Upper

146 100

148 63.0 52.2 78.2

111 44.2 32.8 49.2

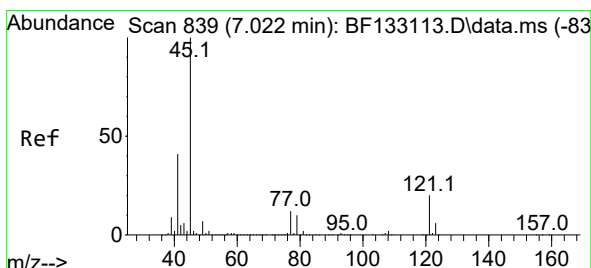
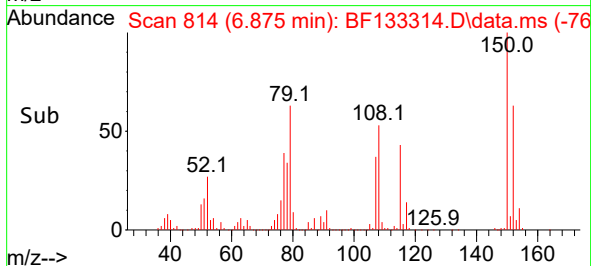
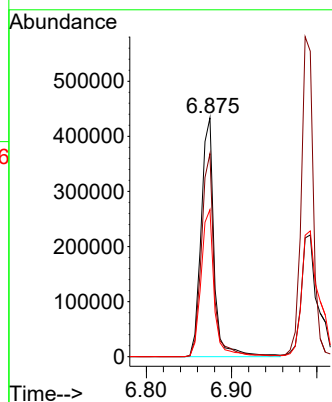
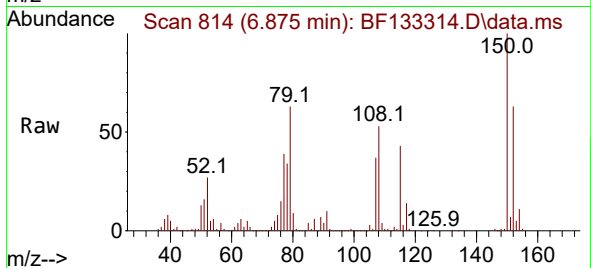




#15
Benzyl Alcohol
Concen: 40.012 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

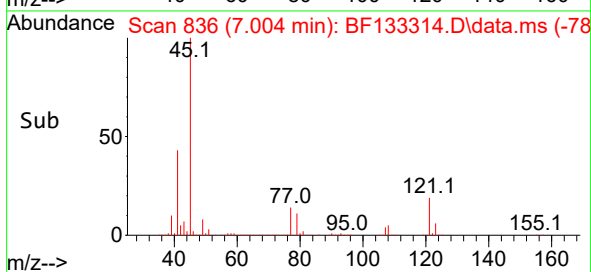
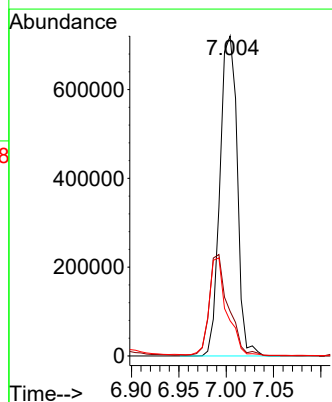
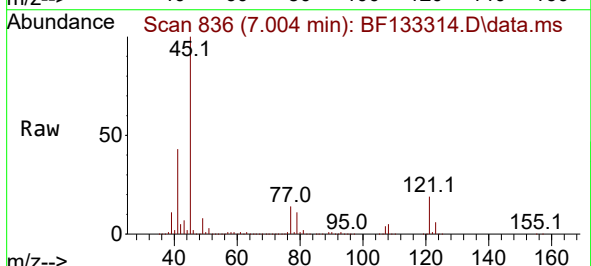
Instrument :
BNA_F
ClientSampleId :
PB152670BS

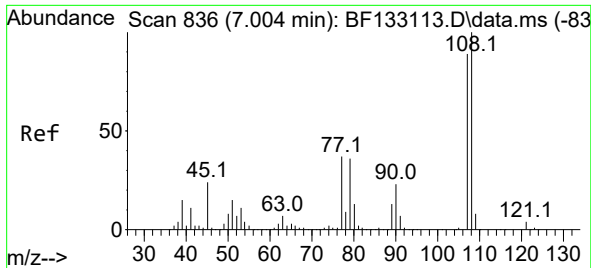
Tgt Ion: 79 Resp: 459055
Ion Ratio Lower Upper
79 100
108 85.0 66.6 99.8
77 61.6 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.347 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion: 45 Resp: 915775
Ion Ratio Lower Upper
45 100
77 14.0 0.0 31.5
79 11.0 0.0 28.7

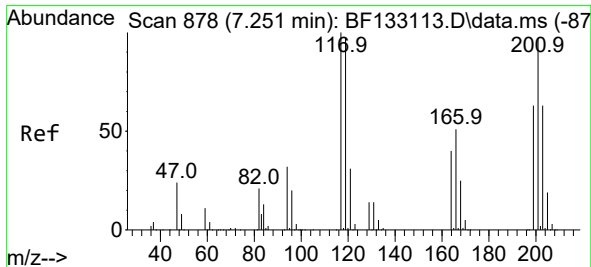
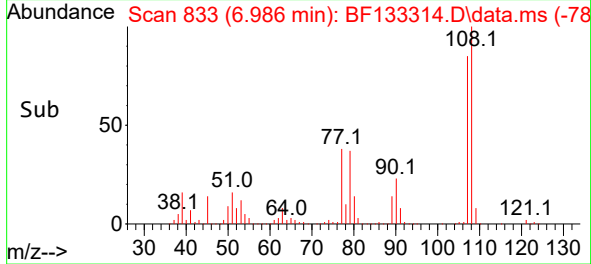
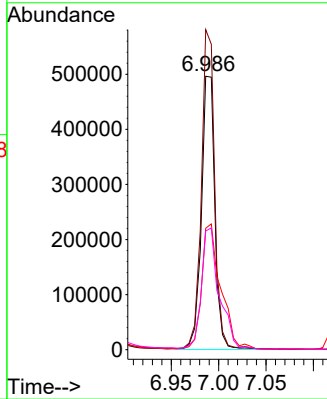
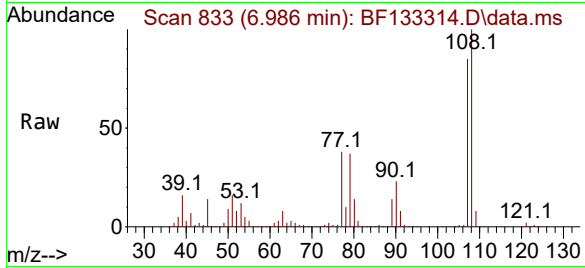




#17
2-Methylphenol
Concen: 39.610 ng
RT: 6.986 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

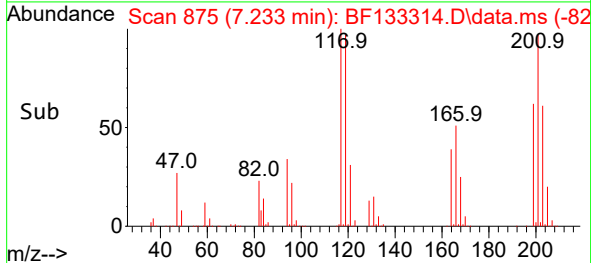
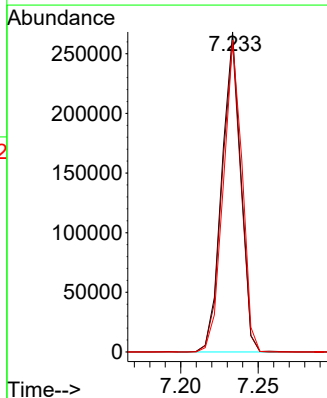
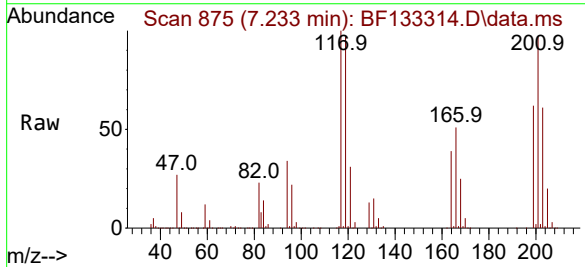
Instrument :
BNA_F
ClientSampleId :
PB152670BS

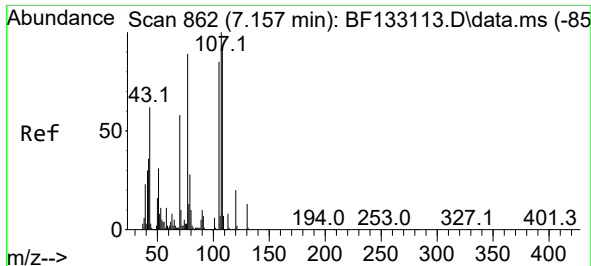
Tgt Ion:	107	Resp:	492781
Ion	Ratio	Lower	Upper
107	100		
108	117.0	92.4	138.6
77	44.4	33.8	50.8
79	43.4	33.1	49.7



#18
Hexachloroethane
Concen: 45.228 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:	117	Resp:	227639
Ion	Ratio	Lower	Upper
117	100		
119	96.9	78.2	117.4
201	97.4	81.7	122.5

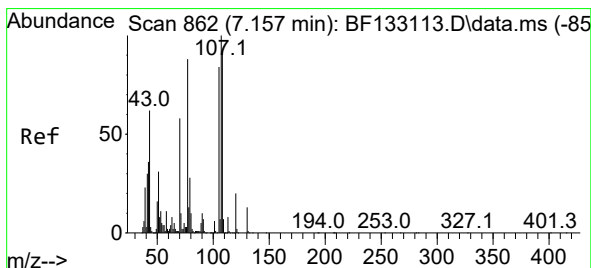
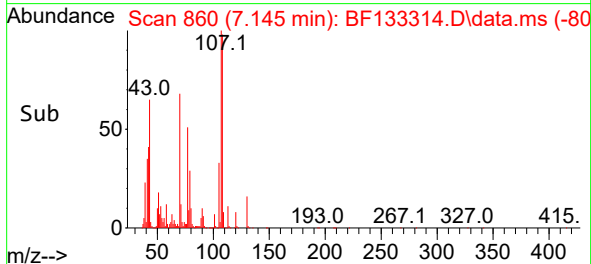
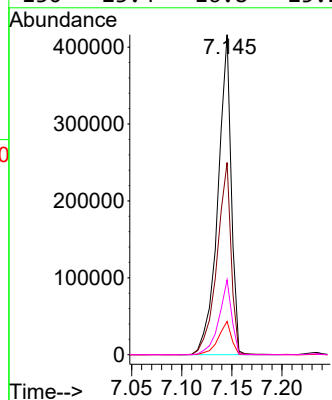
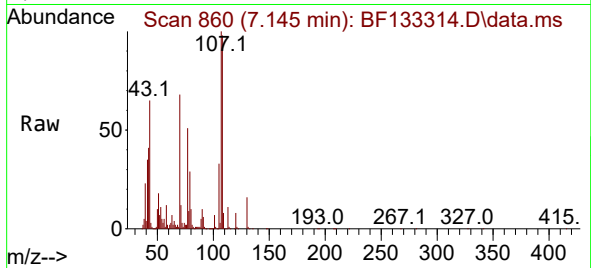




#19
n-Nitroso-di-n-propylamine
Concen: 37.220 ng
RT: 7.145 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

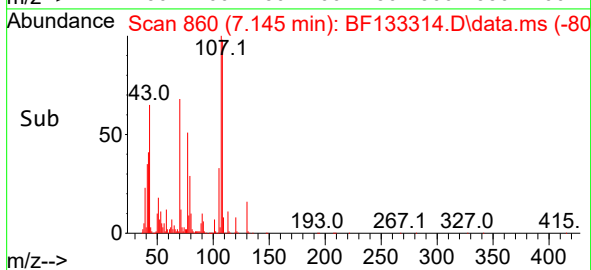
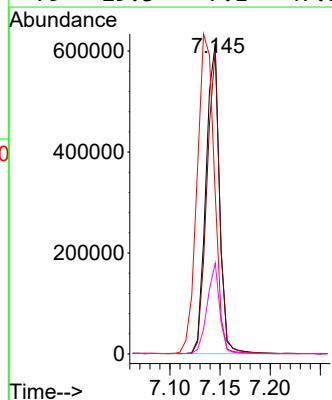
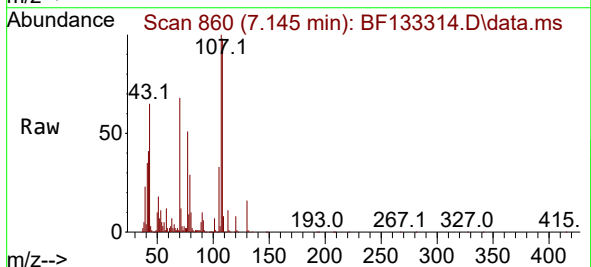
Instrument :
BNA_F
ClientSampleId :
PB152670BS

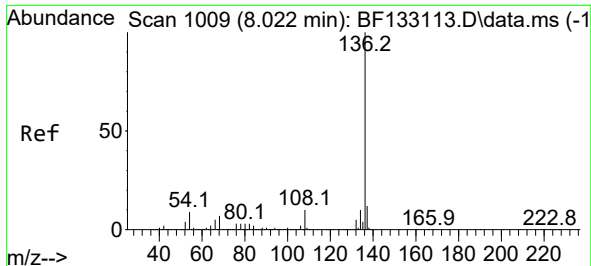
Tgt Ion: 70 Resp: 384853
Ion Ratio Lower Upper
70 100
42 60.1 51.8 77.6
101 10.4 8.0 12.0
130 23.4 16.8 25.2



#20
3+4-Methylphenols
Concen: 39.435 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion: 107 Resp: 577766
Ion Ratio Lower Upper
107 100
108 97.8 70.5 110.5
77 51.5 91.7 131.7#
79 29.3 7.1 47.1

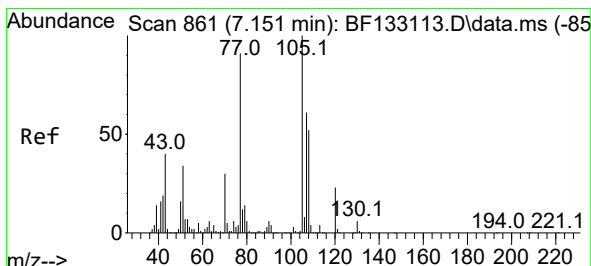
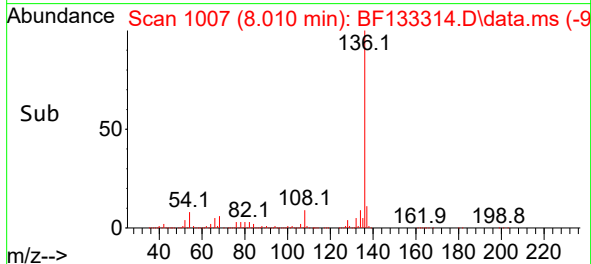
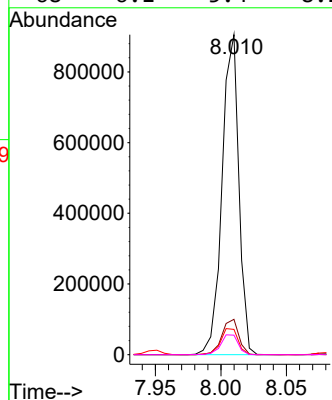
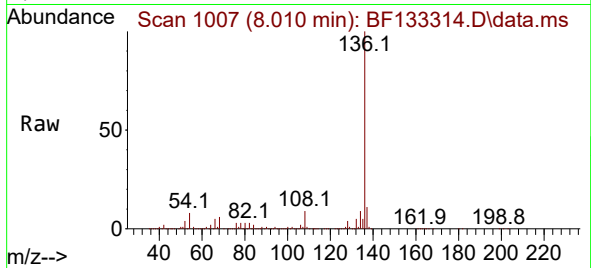




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

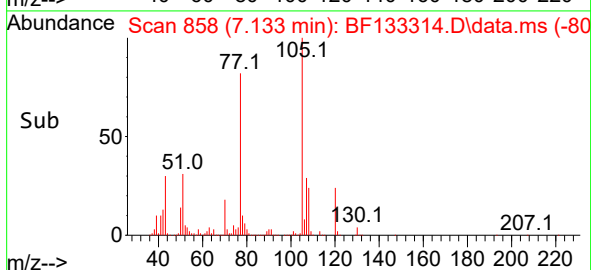
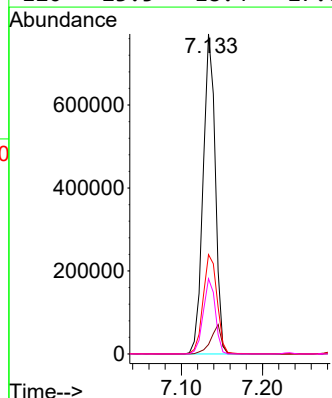
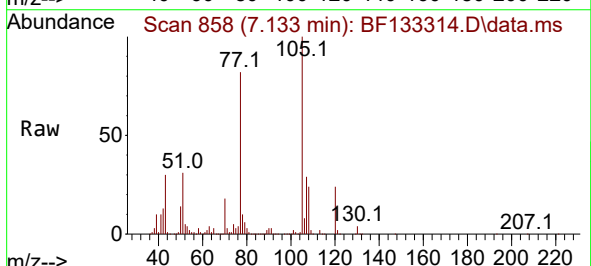
Instrument :
BNA_F
ClientSampleId :
PB152670BS

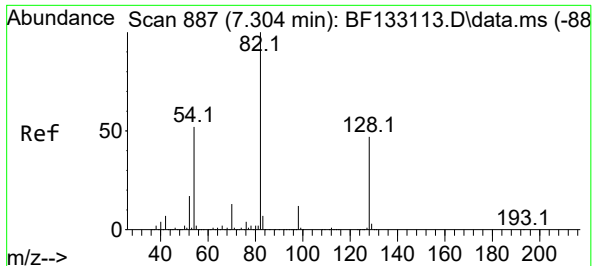
Tgt Ion:136 Resp: 803538
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.9 7.0 10.4
68 6.1 5.4 8.2



#22
Acetophenone
Concen: 43.081 ng
RT: 7.133 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:105 Resp: 801900
Ion Ratio Lower Upper
105 100
71 2.9 4.6 7.0#
51 31.1 28.2 42.2
120 23.5 18.4 27.6





#23

Nitrobenzene-d5

Concen: 66.045 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS

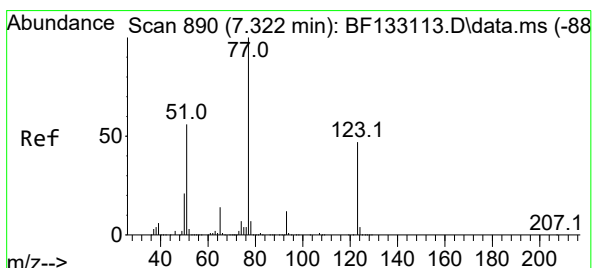
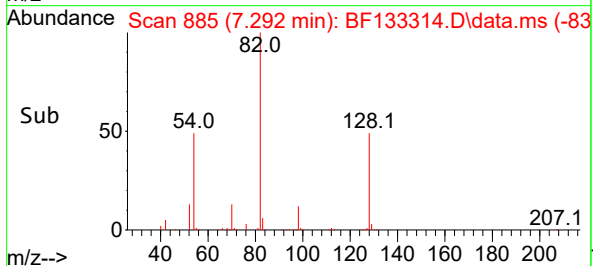
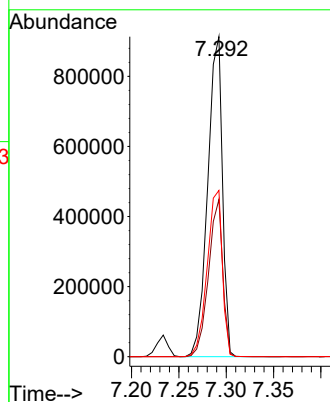
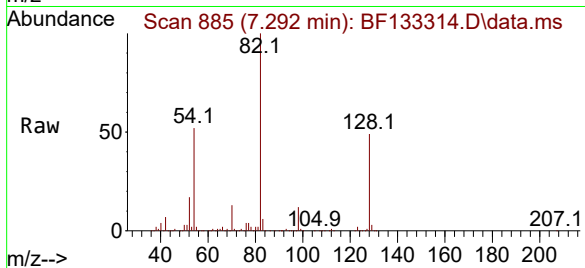
Tgt Ion: 82 Resp: 983188

Ion Ratio Lower Upper

82 100

128 49.1 37.7 56.5

54 52.0 43.0 64.4



#24

Nitrobenzene

Concen: 40.609 ng

RT: 7.310 min Scan# 888

Delta R.T. -0.006 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

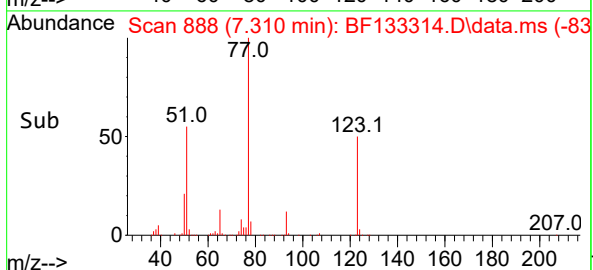
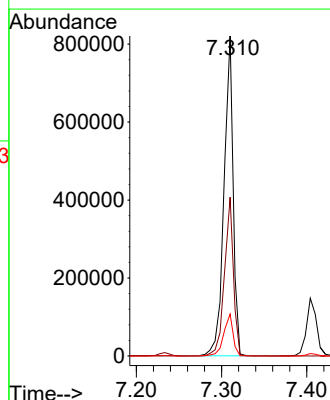
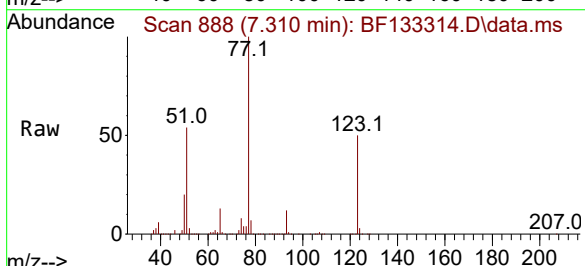
Tgt Ion: 77 Resp: 612589

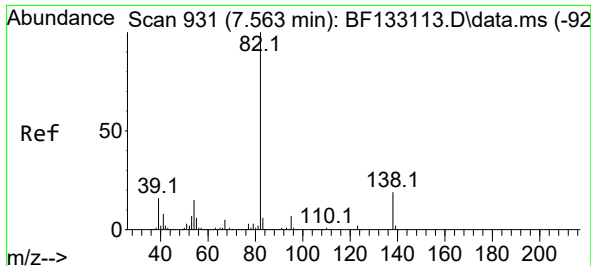
Ion Ratio Lower Upper

77 100

123 49.6 39.9 59.9

65 13.1 10.7 16.1

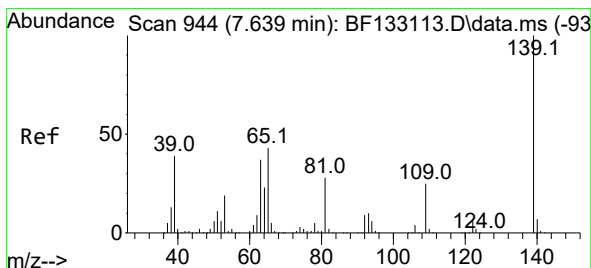
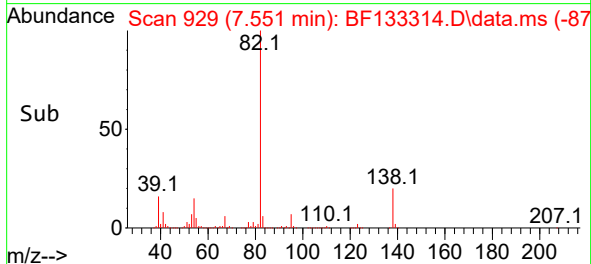
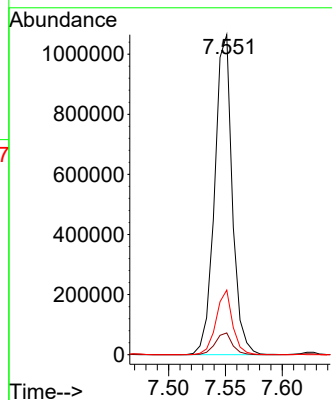
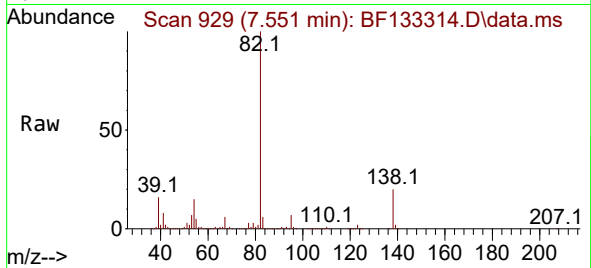




#25
Isophorone
Concen: 40.648 ng
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

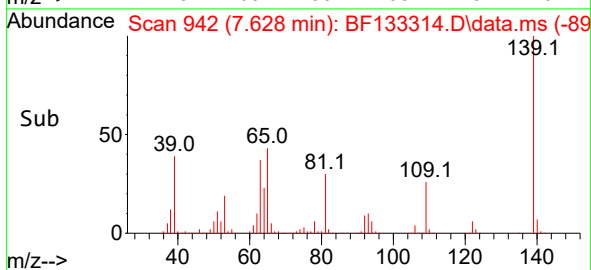
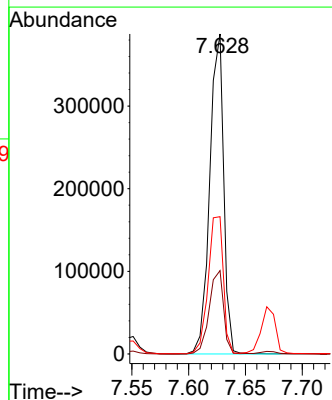
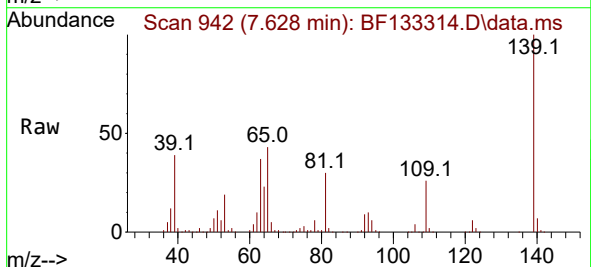
Instrument :
BNA_F
ClientSampleId :
PB152670BS

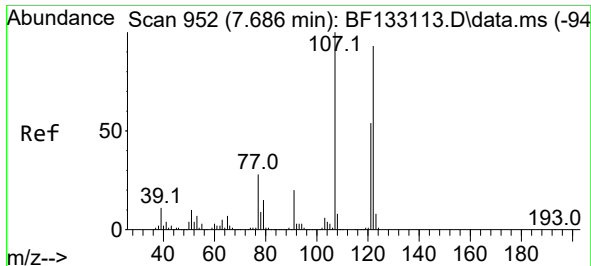
Tgt Ion: 82 Resp: 1148899
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 20.2 16.0 24.0



#26
2-Nitrophenol
Concen: 45.380 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:139 Resp: 330187
Ion Ratio Lower Upper
139 100
109 26.1 21.6 32.4
65 42.9 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 43.244 ng

RT: 7.669 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF133314.D

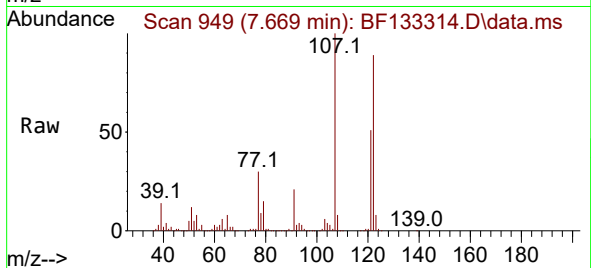
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS



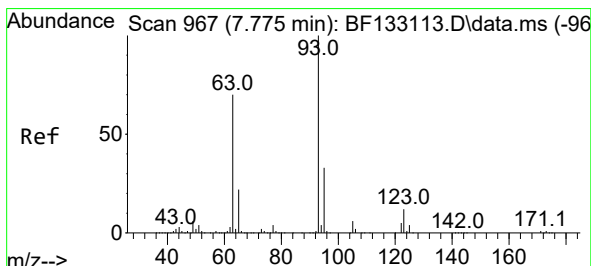
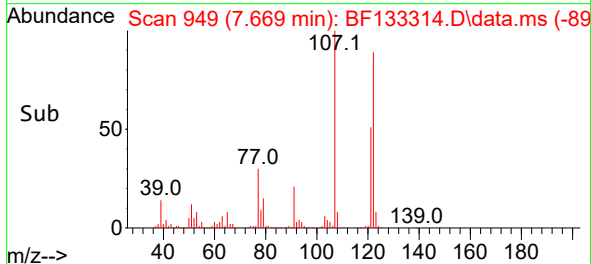
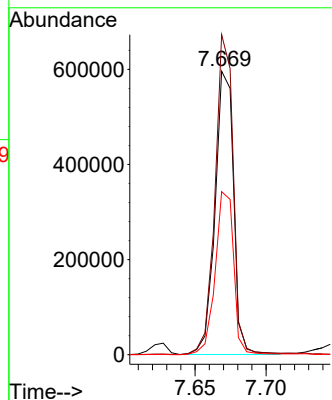
Tgt Ion:122 Resp: 539527

Ion Ratio Lower Upper

122 100

107 112.8 89.7 134.5

121 57.5 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.421 ng

RT: 7.763 min Scan# 965

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

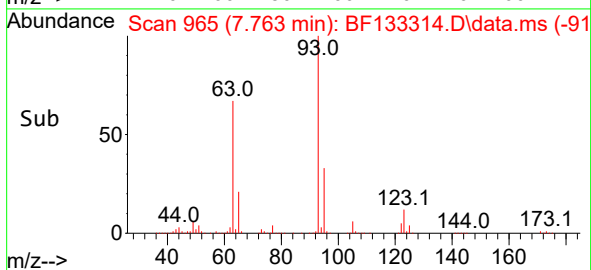
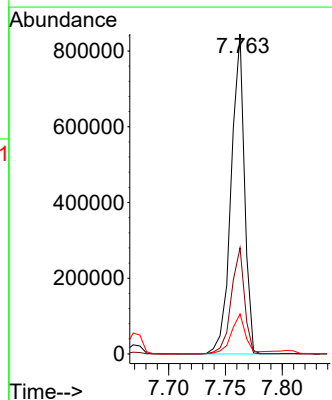
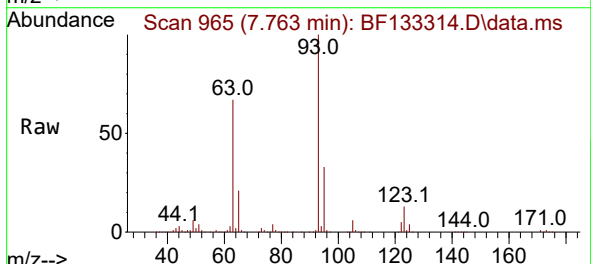
Tgt Ion: 93 Resp: 692596

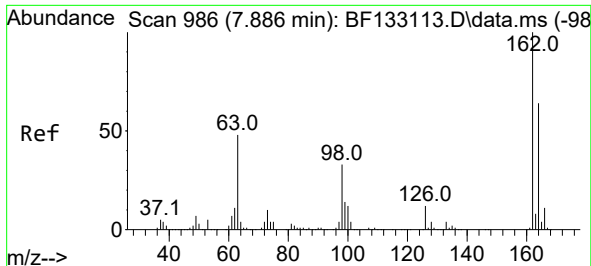
Ion Ratio Lower Upper

93 100

95 33.2 26.4 39.6

123 12.5 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 43.648 ng

RT: 7.869 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS

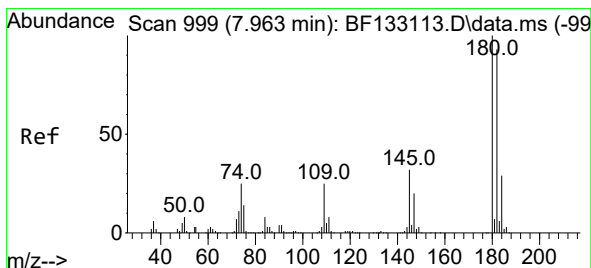
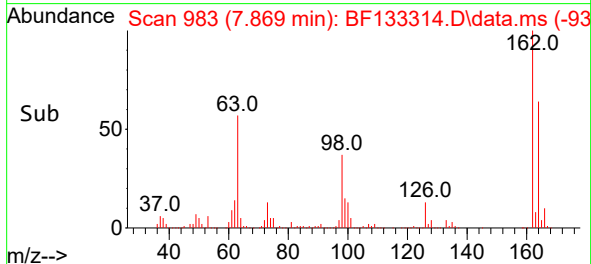
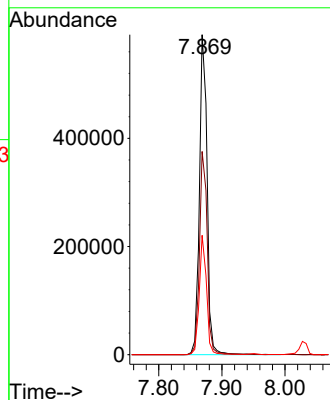
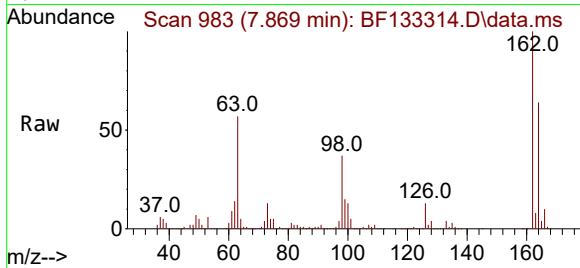
Tgt Ion:162 Resp: 495741

Ion Ratio Lower Upper

162 100

164 63.5 43.9 83.9

98 37.3 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 44.199 ng

RT: 7.951 min Scan# 997

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

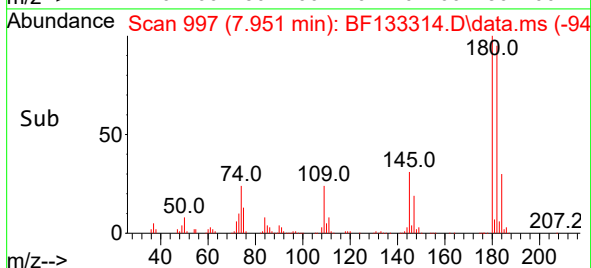
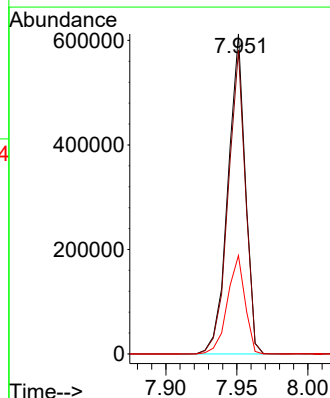
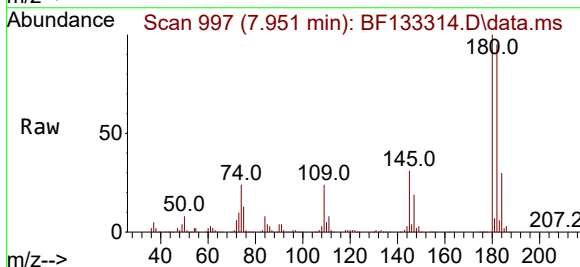
Tgt Ion:180 Resp: 520068

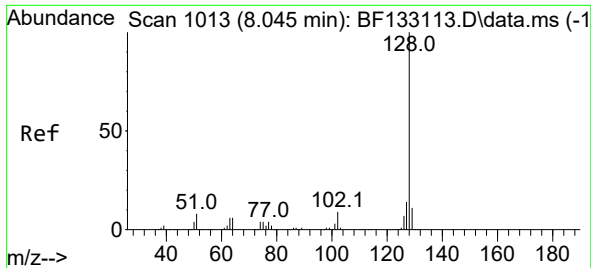
Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

145 30.8 25.3 37.9

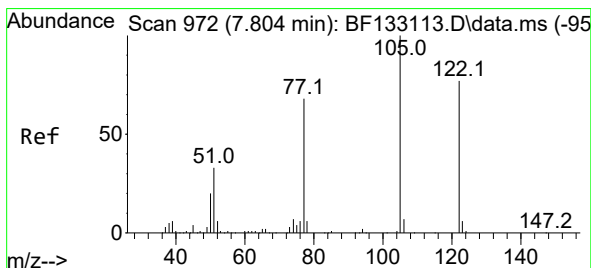
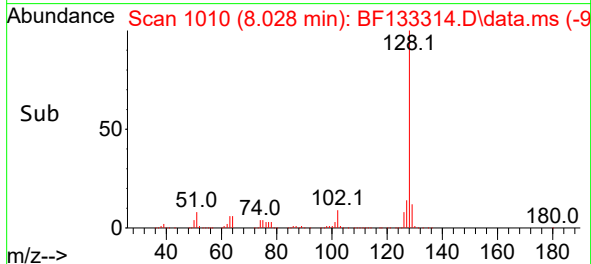
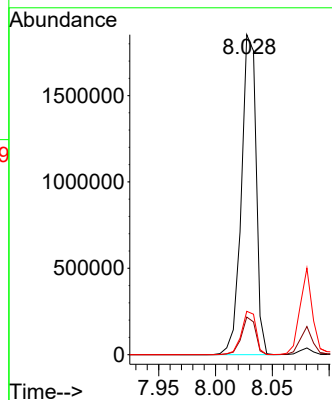
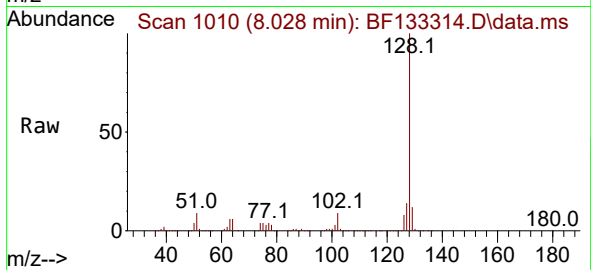




#31
Naphthalene
Concen: 41.699 ng
RT: 8.028 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

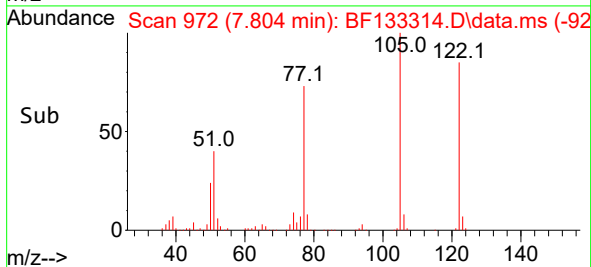
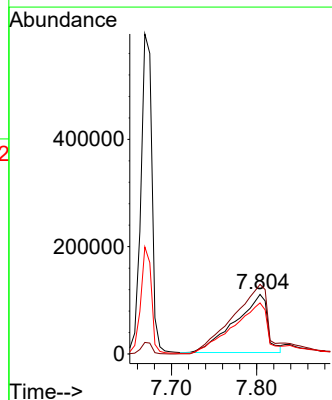
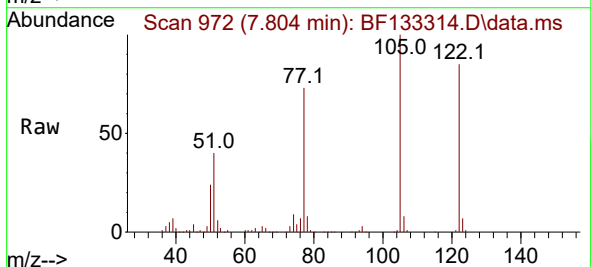
Instrument :
BNA_F
ClientSampleId :
PB152670BS

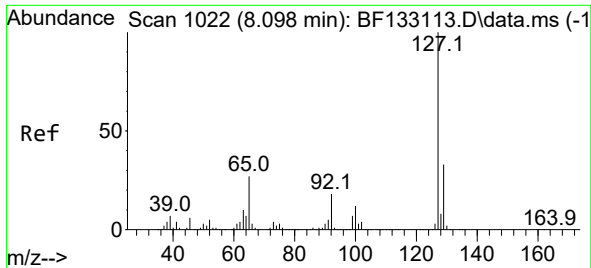
Tgt Ion:128 Resp: 1675213
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 37.418 ng
RT: 7.804 min Scan# 972
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:122 Resp: 288365
Ion Ratio Lower Upper
122 100
105 117.0 104.2 144.2
77 85.9 69.7 109.7

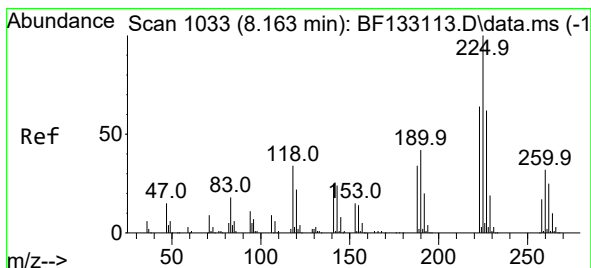
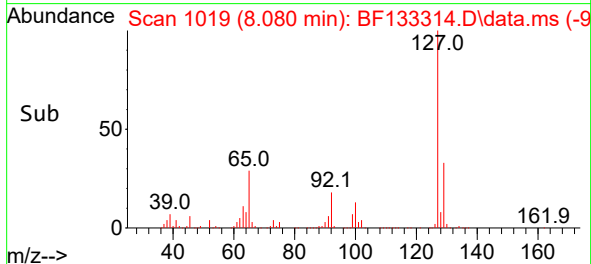
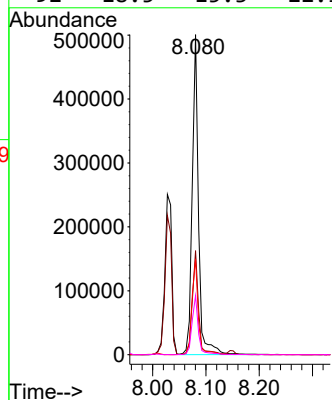
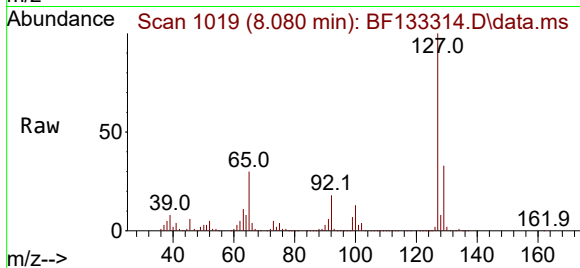




#33
4-Chloroaniline
Concen: 25.362 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

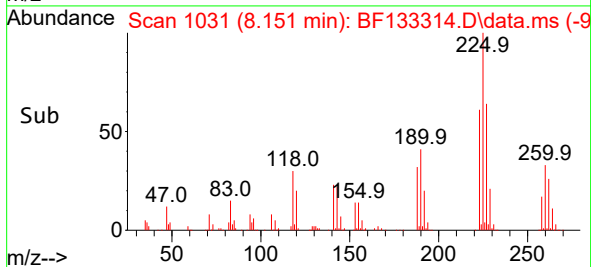
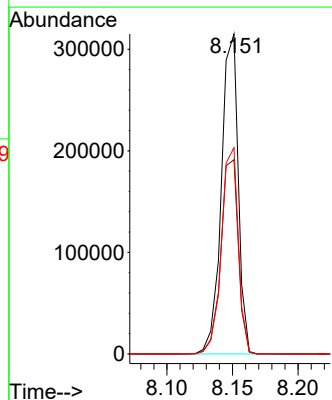
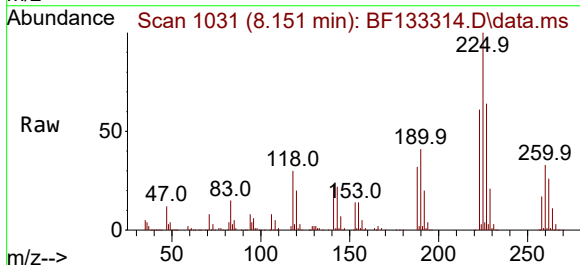
Instrument :
BNA_F
ClientSampleId :
PB152670BS

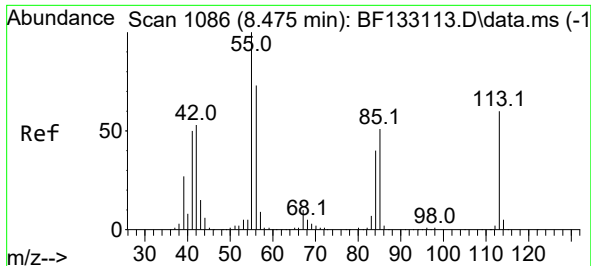
Tgt Ion:127	Resp: 411672
Ion Ratio	Lower Upper
127 100	
129 32.5	25.8 38.8
65 30.0	23.6 35.4
92 18.5	15.3 22.9



#34
Hexachlorobutadiene
Concen: 42.989 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:225	Resp: 280357		
Ion Ratio	Lower	Upper	
225	100		
223	60.7	50.9	76.3
227	64.4	50.3	75.5





#35

Caprolactam

Concen: 30.150 ng

RT: 8.457 min Scan# 1100

Delta R.T. -0.006 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS

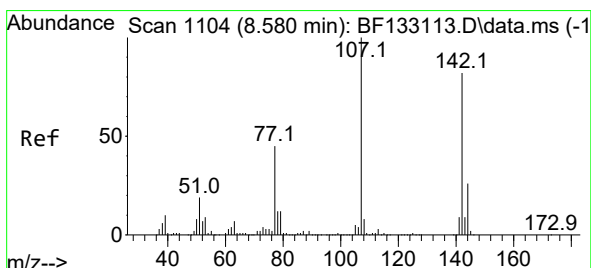
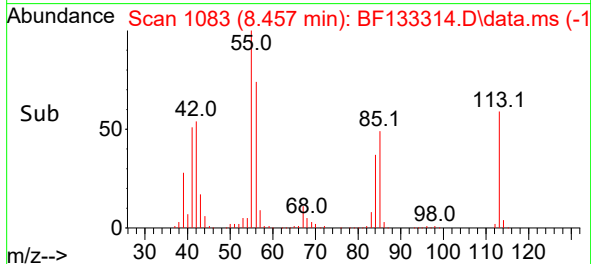
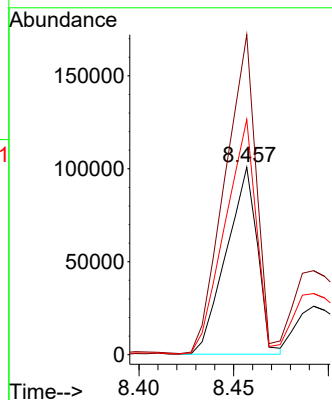
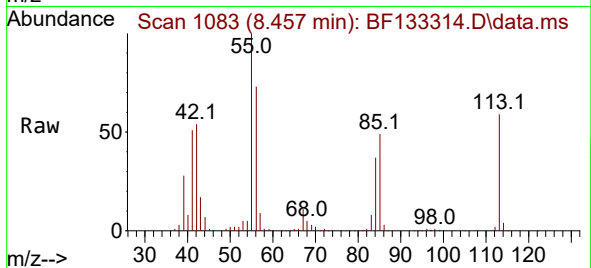
Tgt Ion:113 Resp: 115035

Ion Ratio Lower Upper

113 100

55 170.7 167.1 207.1

56 125.4 114.5 154.5



#36

4-Chloro-3-methylphenol

Concen: 42.792 ng

RT: 8.569 min Scan# 1102

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

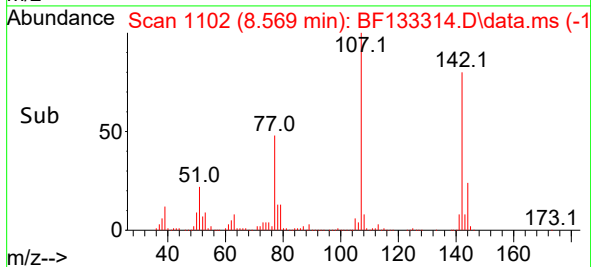
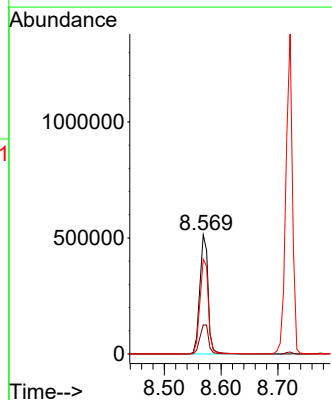
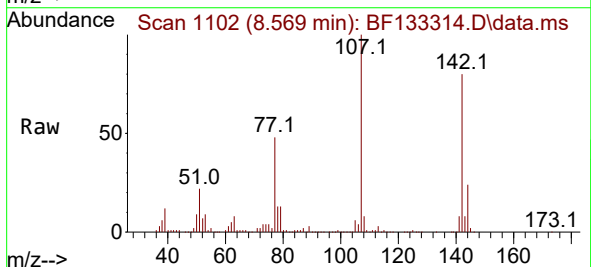
Tgt Ion:107 Resp: 524113

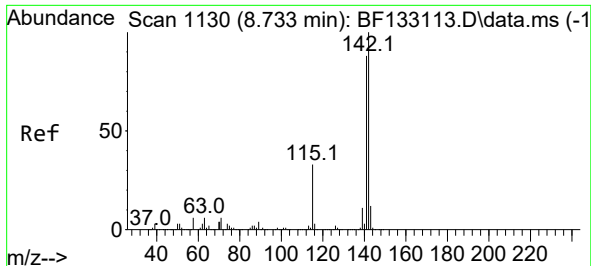
Ion Ratio Lower Upper

107 100

144 24.4 20.6 30.8

142 79.5 62.8 94.2

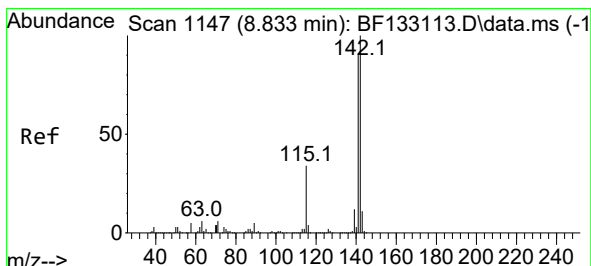
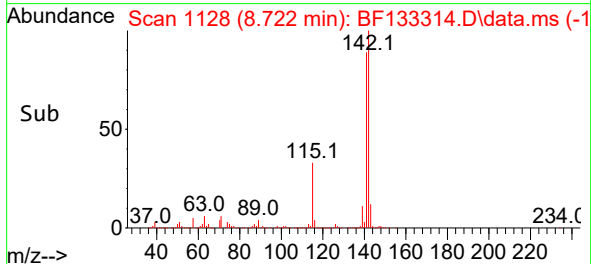
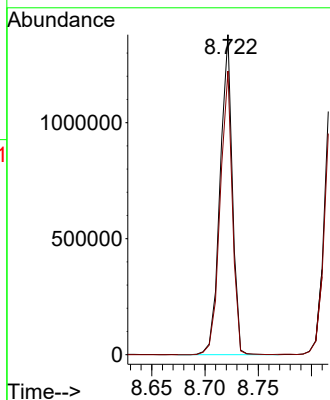
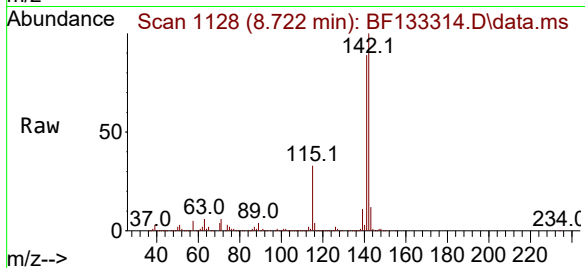




#37
2-Methylnaphthalene
Concen: 39.986 ng
RT: 8.722 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

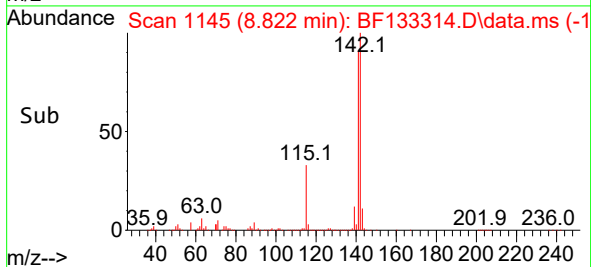
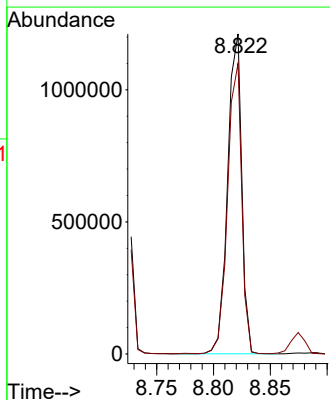
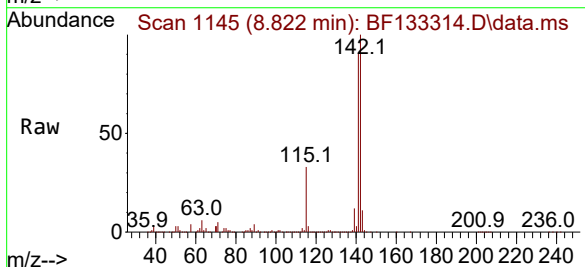
Instrument :
BNA_F
ClientSampleId :
PB152670BS

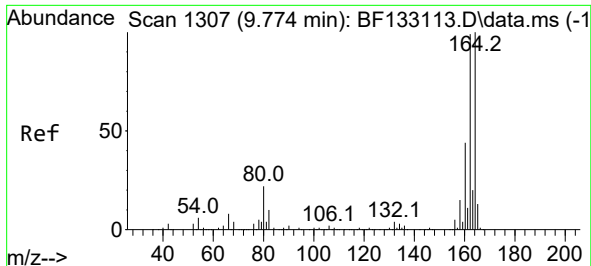
Tgt Ion:142 Resp: 1098267
Ion Ratio Lower Upper
142 100
141 88.6 69.4 104.0



#38
1-Methylnaphthalene
Concen: 40.697 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:142 Resp: 1045689
Ion Ratio Lower Upper
142 100
141 90.8 73.1 109.7

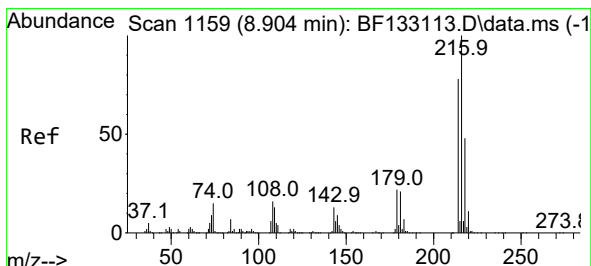
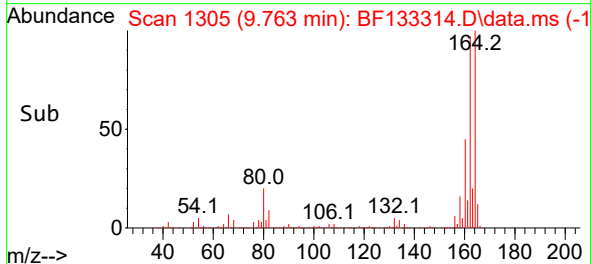
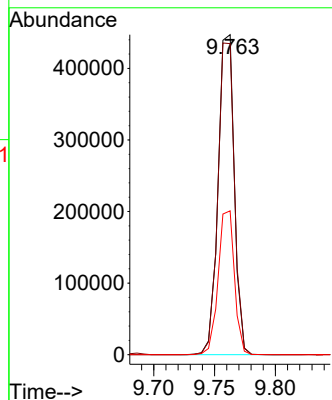
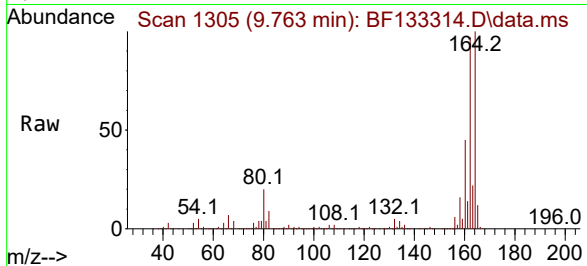




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

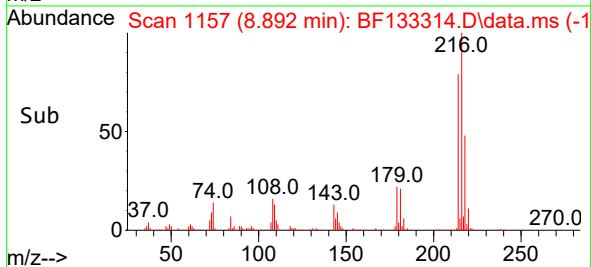
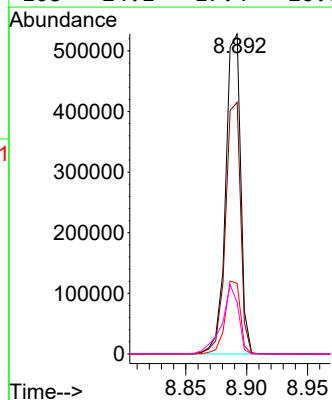
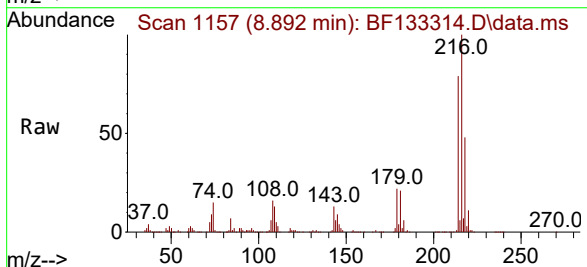
Instrument :
BNA_F
ClientSampleId :
PB152670BS

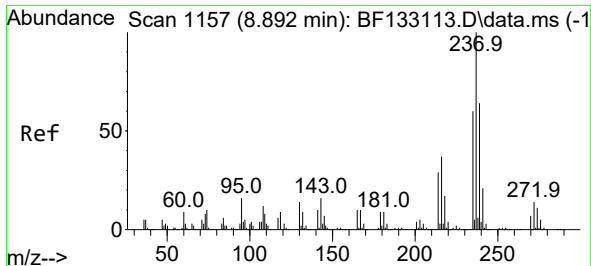
Tgt Ion:164 Resp: 414603
Ion Ratio Lower Upper
164 100
162 97.2 78.7 118.1
160 45.0 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.646 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:216 Resp: 453103
Ion Ratio Lower Upper
216 100
214 79.4 63.5 95.3
179 23.1 17.4 26.2
108 24.1 17.4 26.0

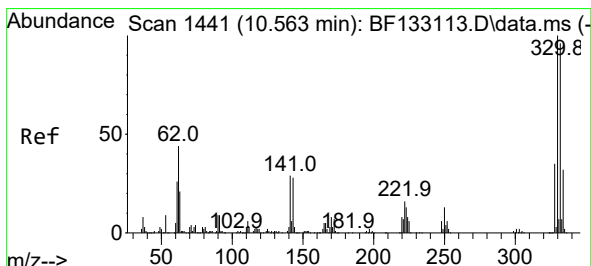
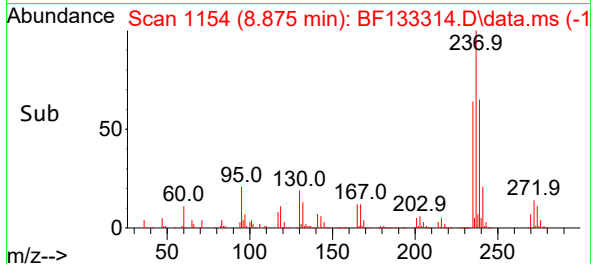
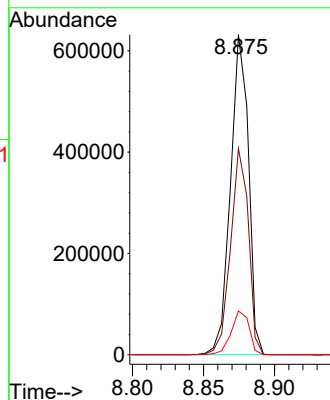
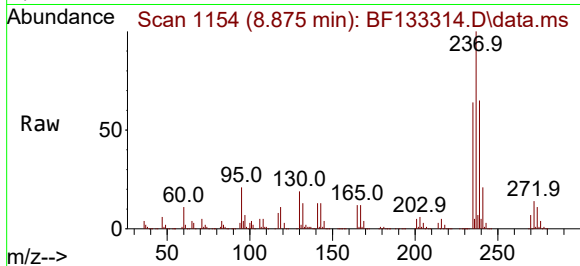




#41
Hexachlorocyclopentadiene
Concen: 85.365 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

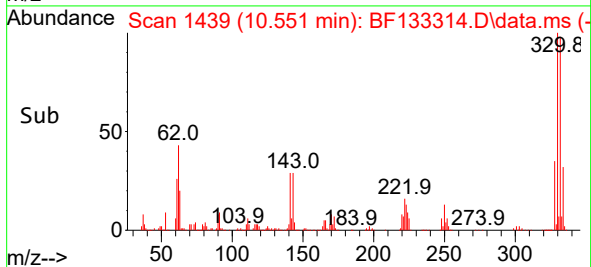
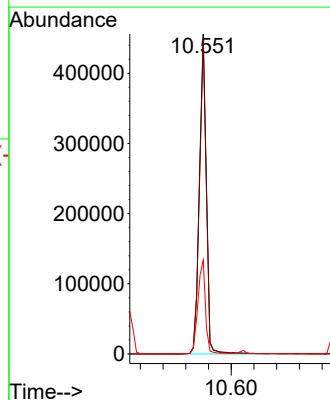
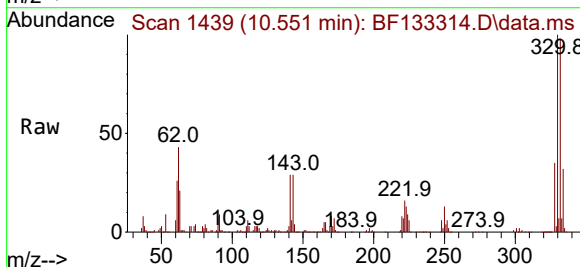
Instrument :
BNA_F
ClientSampleId :
PB152670BS

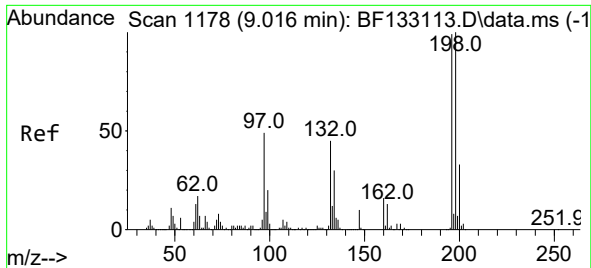
Tgt Ion: 237 Resp: 554979
Ion Ratio Lower Upper
237 100
235 64.4 43.5 83.5
272 13.6 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 94.526 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion: 330 Resp: 394136
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 31.7 25.8 38.8

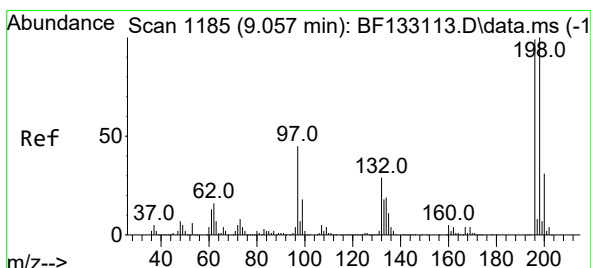
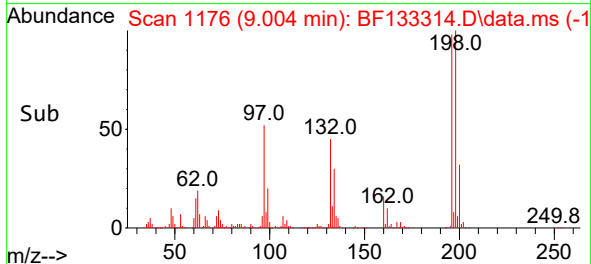
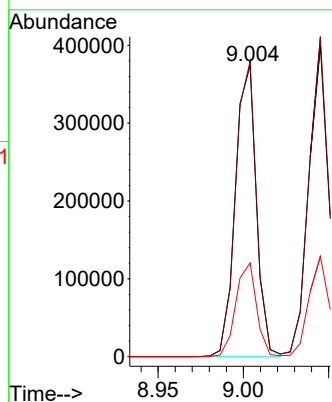
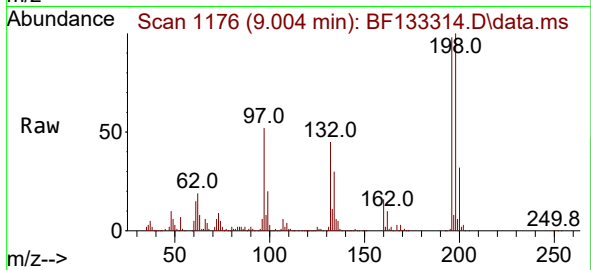




#43
2,4,6-Trichlorophenol
Concen: 41.703 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

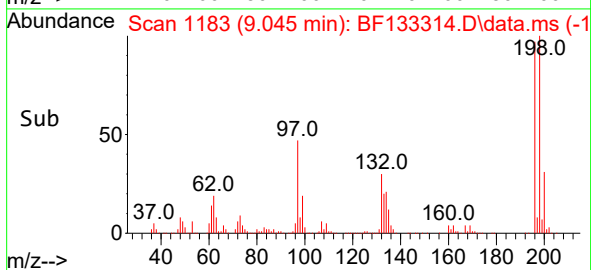
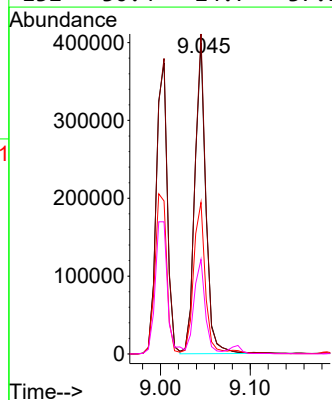
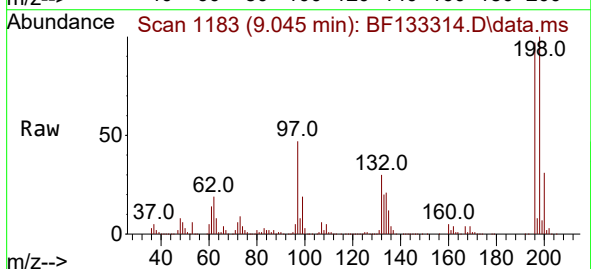
Instrument :
BNA_F
ClientSampleId :
PB152670BS

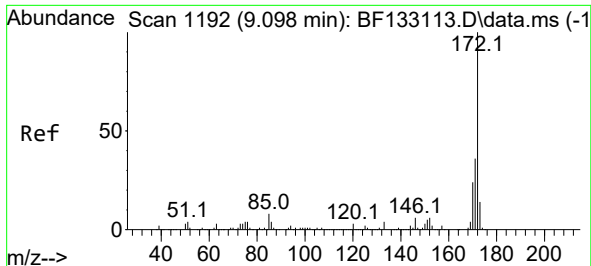
Tgt Ion:196 Resp: 321497
Ion Ratio Lower Upper
196 100
198 101.5 81.0 121.6
200 32.2 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 38.326 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:196 Resp: 341713
Ion Ratio Lower Upper
196 100
198 102.9 80.9 121.3
97 48.7 41.3 61.9
132 30.4 24.7 37.1

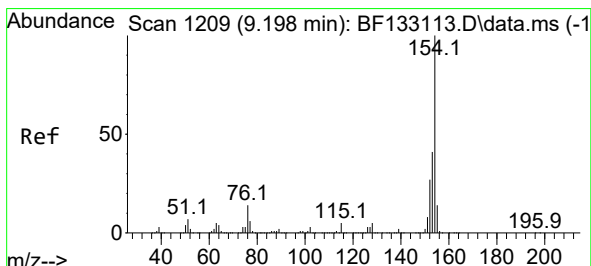
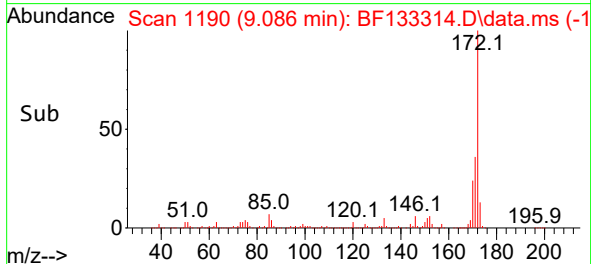
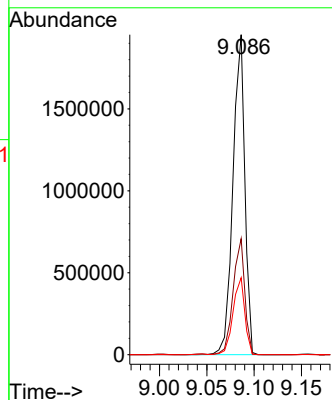
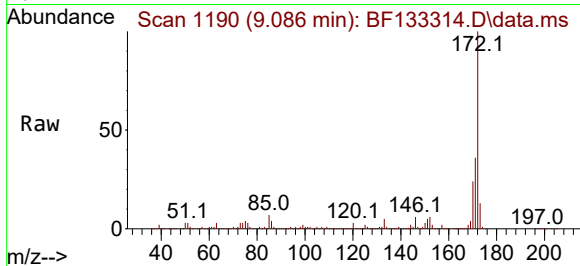




#45
2-Fluorobiphenyl
Concen: 68.513 ng
RT: 9.086 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

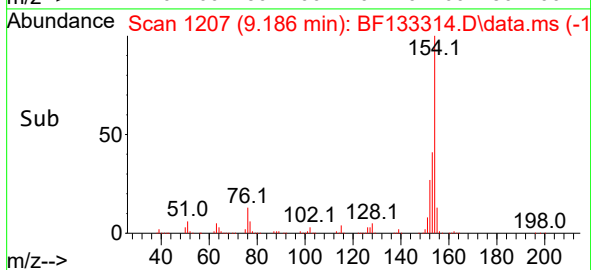
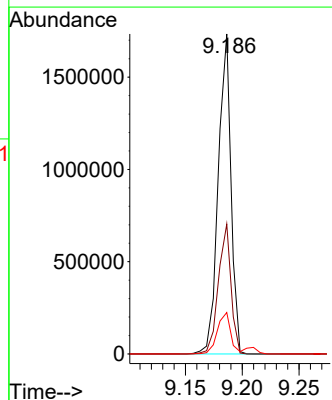
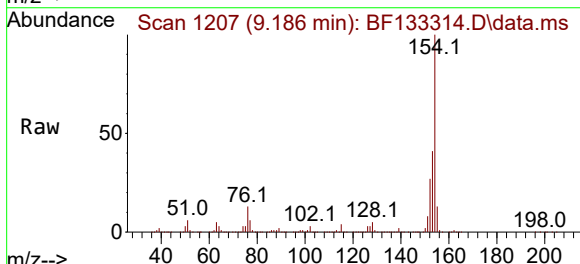
Instrument :
BNA_F
ClientSampleId :
PB152670BS

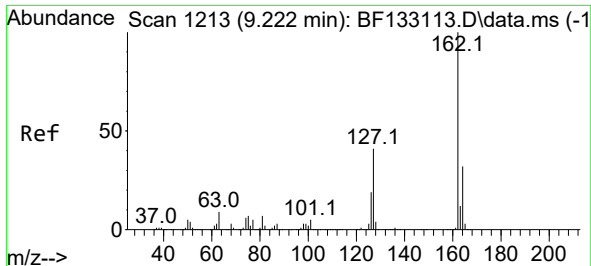
Tgt Ion:172 Resp: 1697891
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.0 19.4 29.2



#46
1,1'-Biphenyl
Concen: 41.201 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:154 Resp: 1354527
Ion Ratio Lower Upper
154 100
153 40.6 21.0 61.0
76 13.0 0.0 34.5

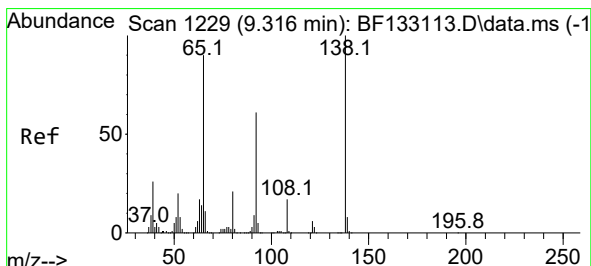
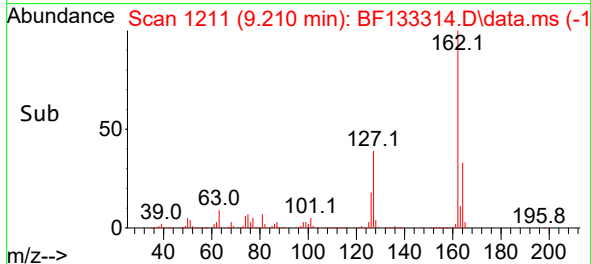
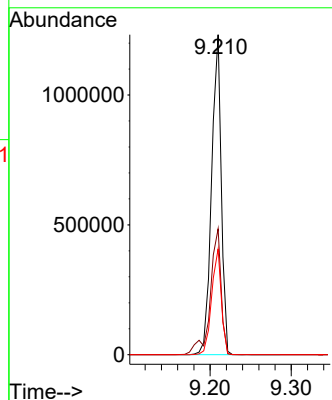
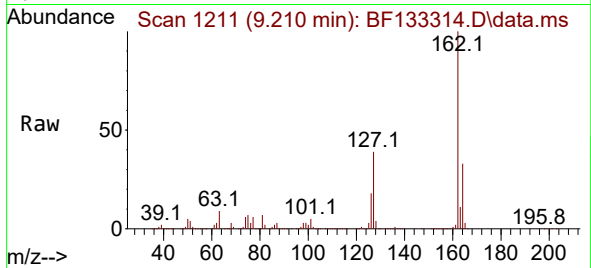




#47
2-Chloronaphthalene
Concen: 42.222 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

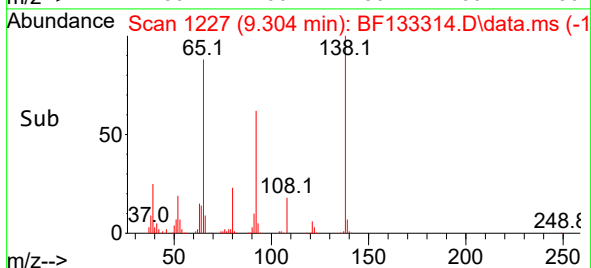
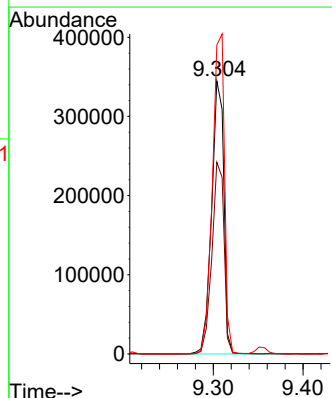
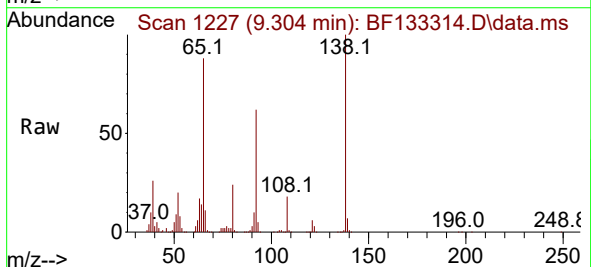
Instrument :
BNA_F
ClientSampleId :
PB152670BS

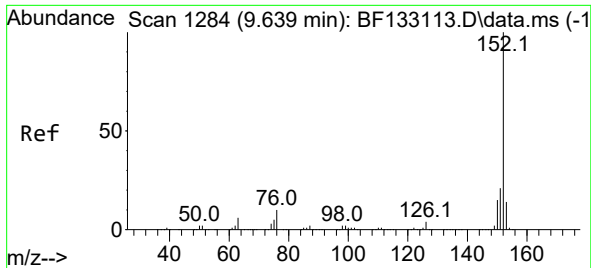
Tgt Ion:162 Resp: 1015988
Ion Ratio Lower Upper
162 100
127 39.4 32.3 48.5
164 33.0 26.8 40.2



#48
2-Nitroaniline
Concen: 40.933 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion: 65 Resp: 325529
Ion Ratio Lower Upper
65 100
92 70.2 55.4 83.0
138 113.1 98.2 147.2

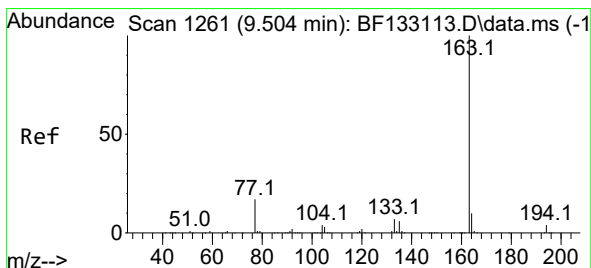
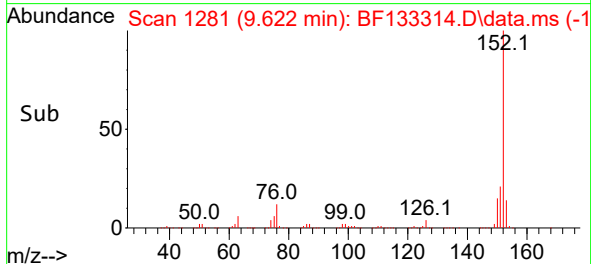
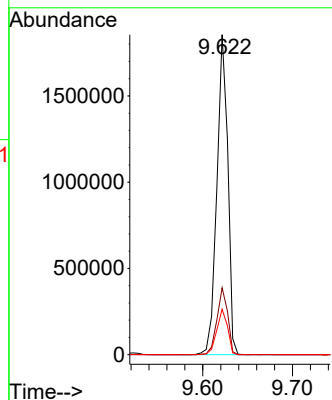
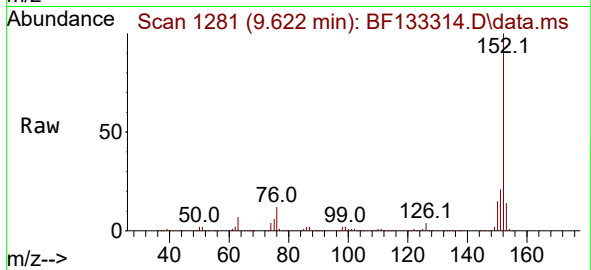




#49
Acenaphthylene
Concen: 40.708 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

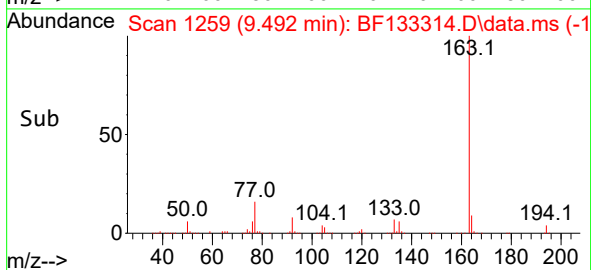
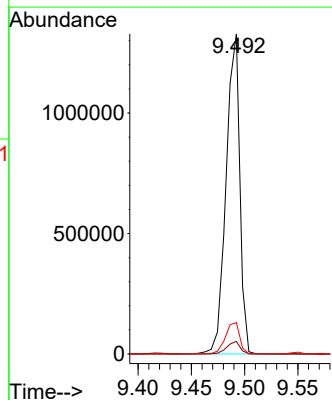
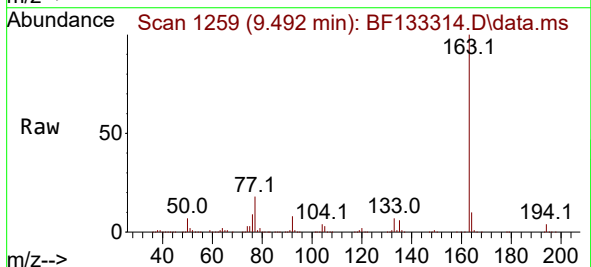
Instrument :
BNA_F
ClientSampleId :
PB152670BS

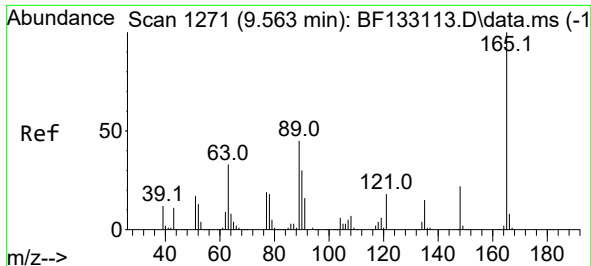
Tgt Ion:152 Resp: 1565177
Ion Ratio Lower Upper
152 100
151 20.9 16.6 24.8
153 14.2 11.5 17.3



#50
Dimethylphthalate
Concen: 41.030 ng
RT: 9.492 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:163 Resp: 1186159
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.8 8.5 12.7

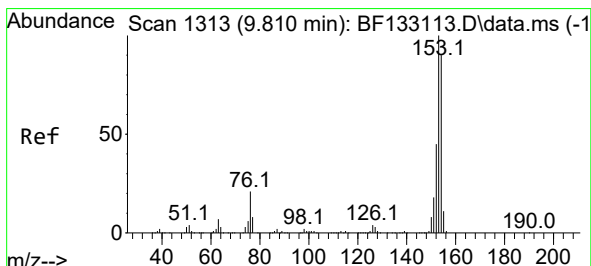
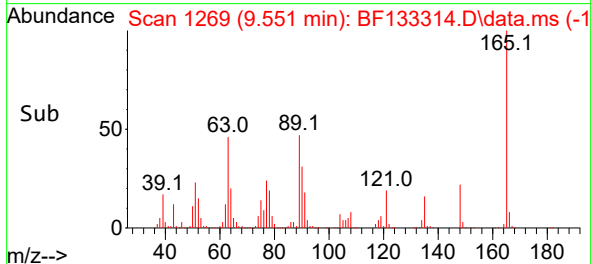
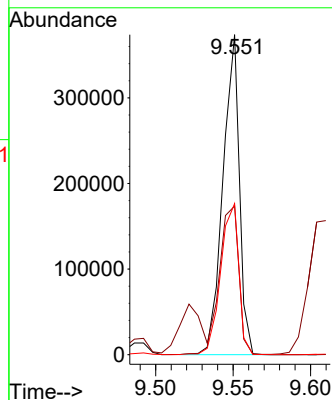
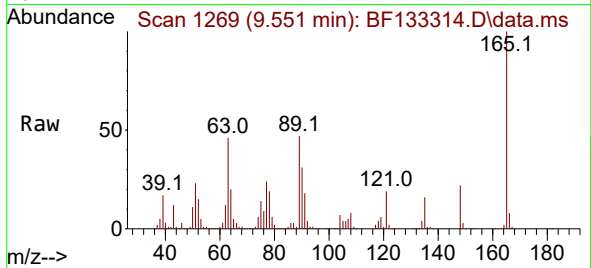




#51
2,6-Dinitrotoluene
Concen: 42.377 ng
RT: 9.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

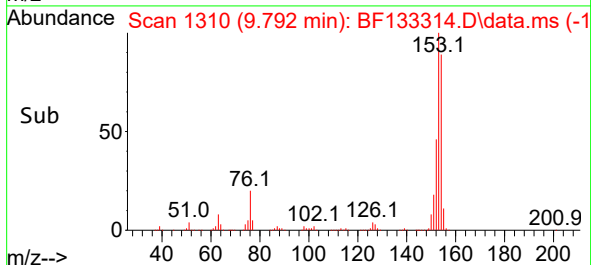
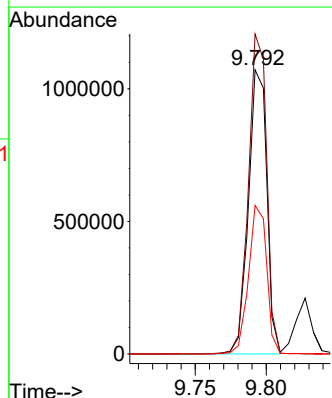
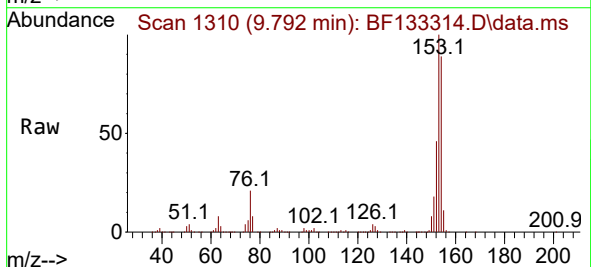
Instrument :
BNA_F
ClientSampleId :
PB152670BS

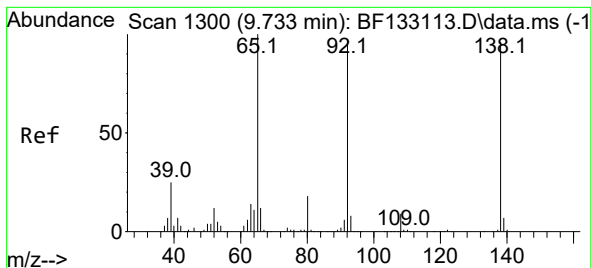
Tgt Ion:165 Resp: 275735
Ion Ratio Lower Upper
165 100
63 46.5 45.9 68.9
89 47.2 44.0 66.0



#52
Acenaphthene
Concen: 37.536 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:154 Resp: 966603
Ion Ratio Lower Upper
154 100
153 112.6 89.0 133.6
152 52.3 40.4 60.6





#53

3-Nitroaniline

Concen: 30.472 ng

RT: 9.716 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS

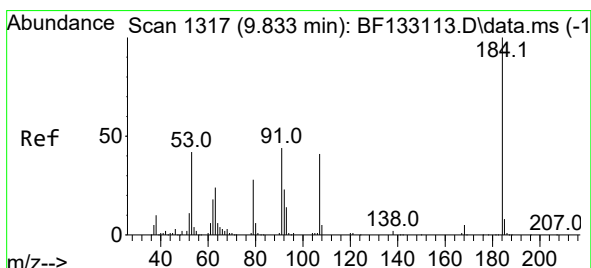
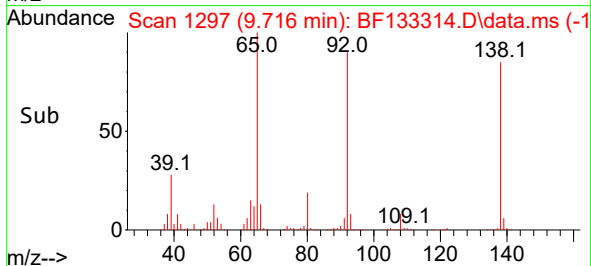
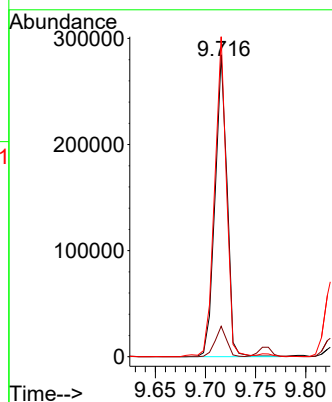
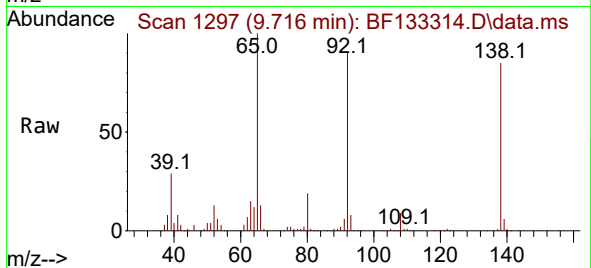
Tgt Ion:138 Resp: 235756

Ion Ratio Lower Upper

138 100

108 10.1 8.0 12.0

92 106.0 83.6 125.4



#54

2,4-Dinitrophenol

Concen: 86.115 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

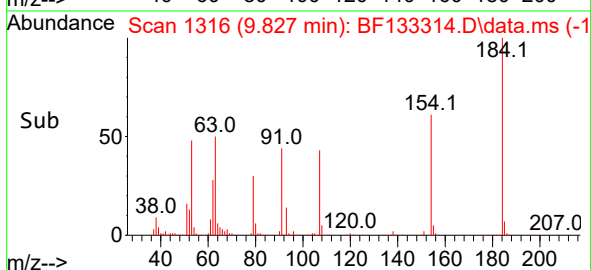
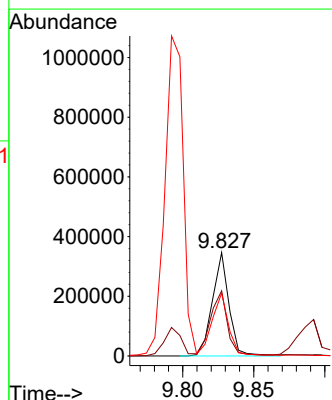
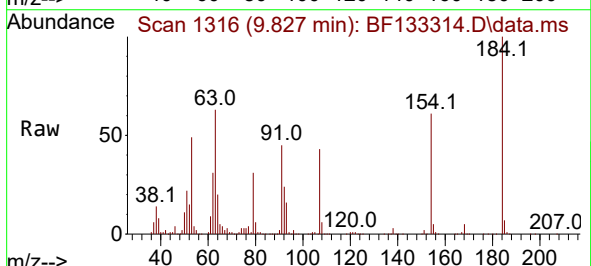
Tgt Ion:184 Resp: 281650

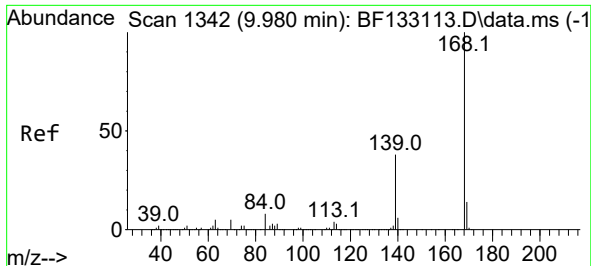
Ion Ratio Lower Upper

184 100

63 63.0 49.8 74.8

154 60.9 49.5 74.3

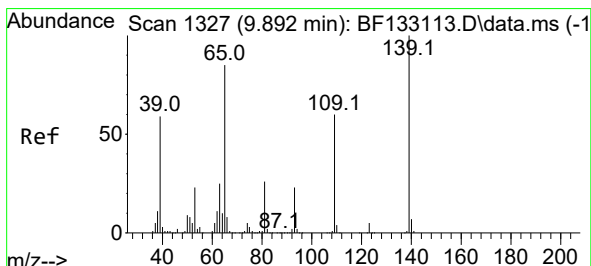
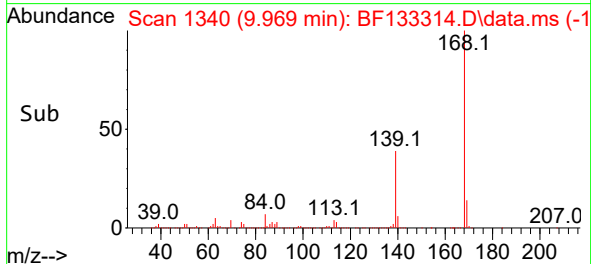
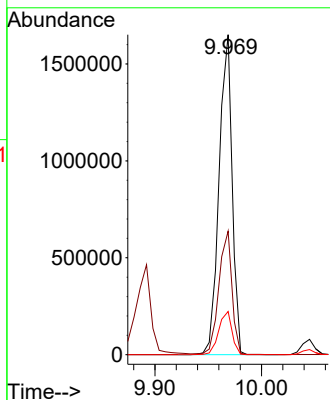
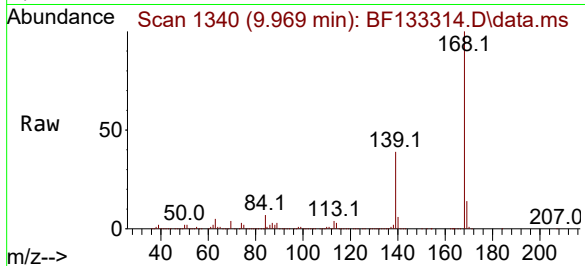




#55
Dibenzenofuran
Concen: 39.880 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

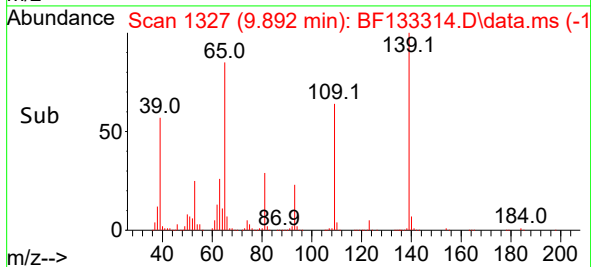
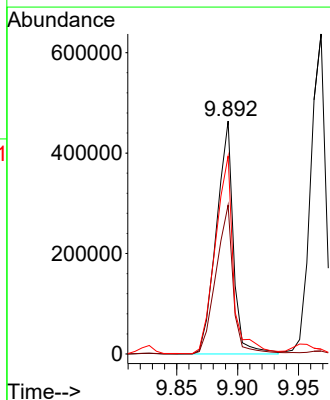
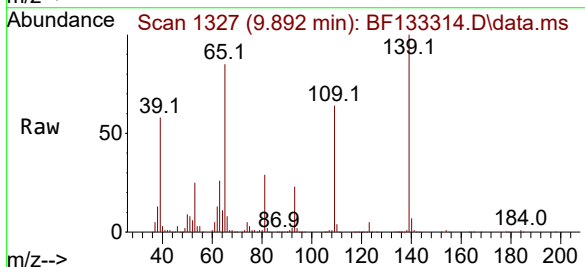
Instrument :
BNA_F
ClientSampleId :
PB152670BS

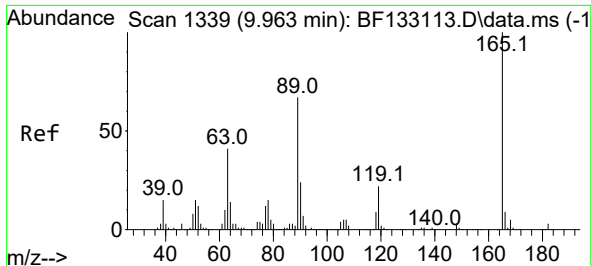
Tgt Ion:168 Resp: 1400872
Ion Ratio Lower Upper
168 100
139 38.6 29.8 44.8
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 75.451 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:139 Resp: 452117
Ion Ratio Lower Upper
139 100
109 64.0 39.4 79.4
65 85.0 57.5 97.5

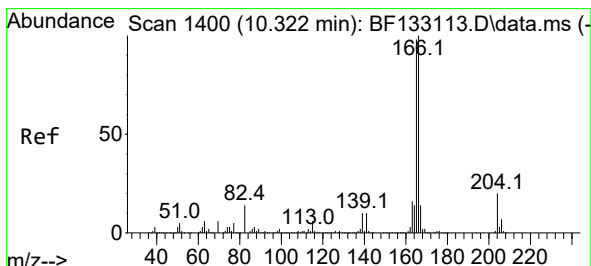
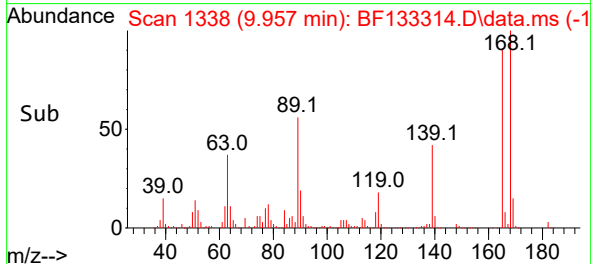
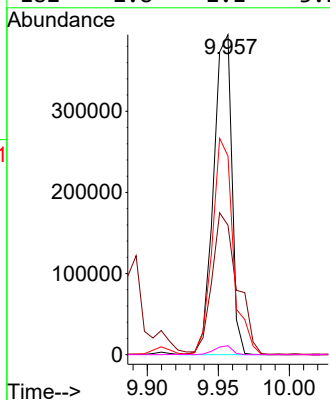
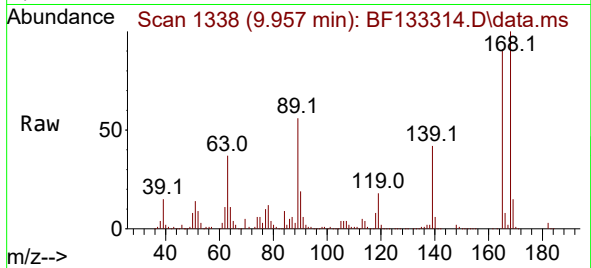




#57
2,4-Dinitrotoluene
Concen: 42.558 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

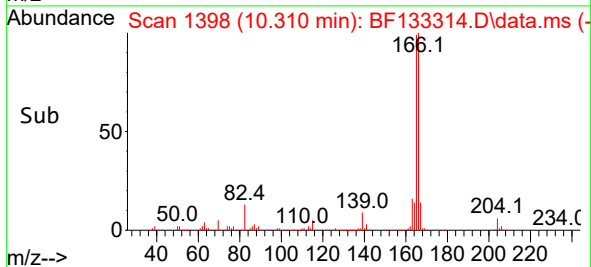
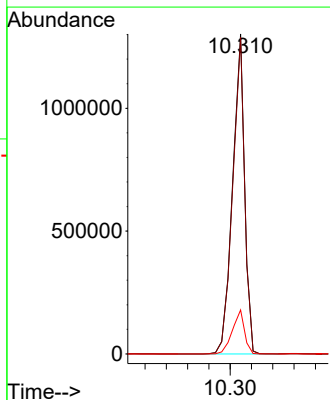
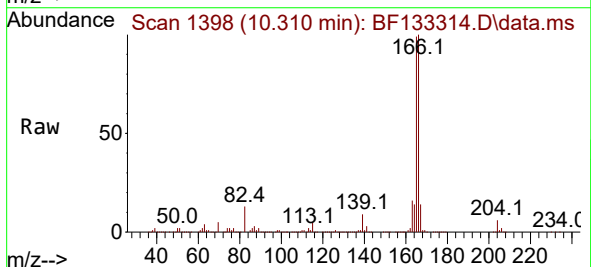
Instrument :
BNA_F
ClientSampleId :
PB152670BS

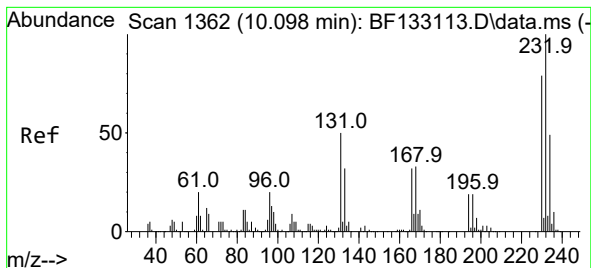
Tgt Ion:165 Resp: 353143
Ion Ratio Lower Upper
165 100
63 40.5 37.7 56.5
89 62.1 57.0 85.4
182 2.8 2.1 3.1



#58
Fluorene
Concen: 39.673 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:166 Resp: 1021007
Ion Ratio Lower Upper
166 100
165 99.0 78.6 117.8
167 13.8 11.0 16.4

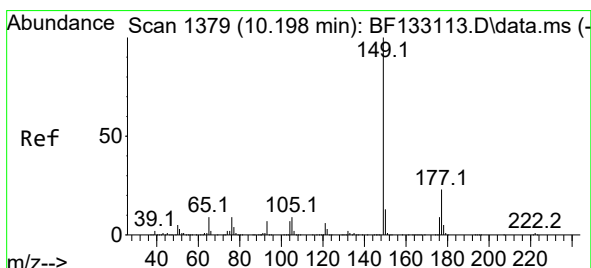
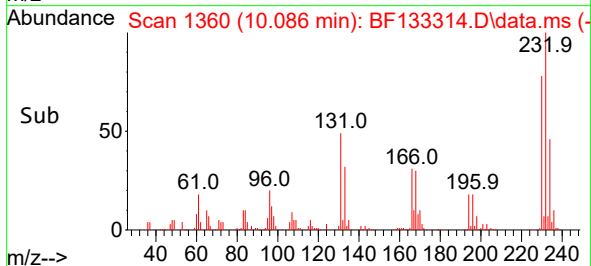
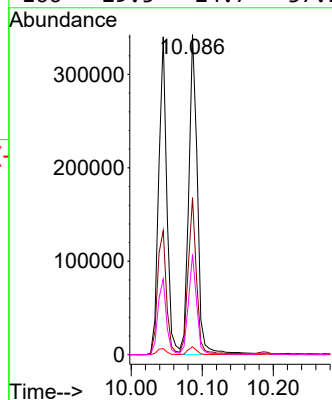
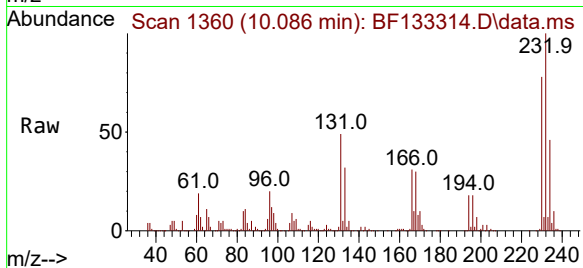




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.471 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

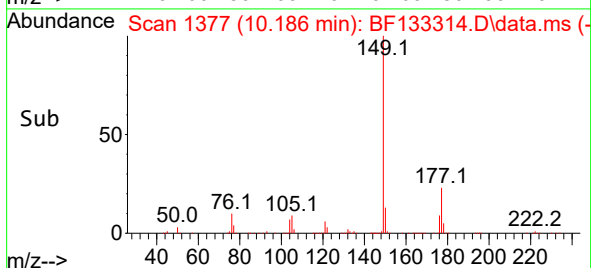
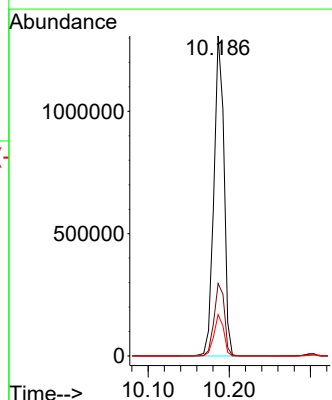
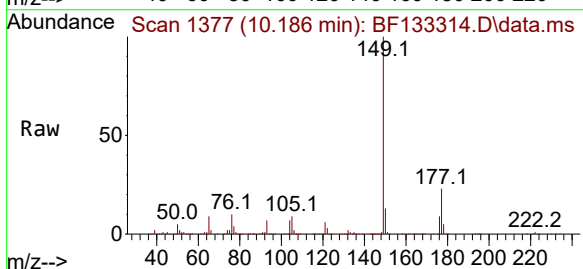
Instrument :
BNA_F
ClientSampleId :
PB152670BS

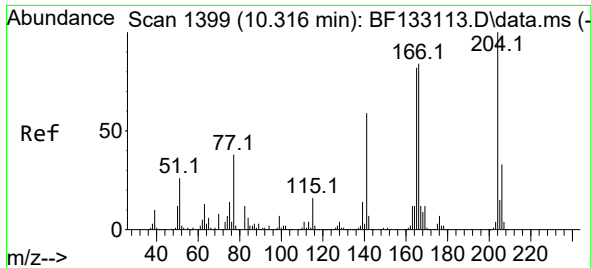
Tgt Ion:232 Resp: 286656
Ion Ratio Lower Upper
232 100
131 46.3 38.0 57.0
130 2.4 1.8 2.8
166 29.5 24.7 37.1



#60
Diethylphthalate
Concen: 41.118 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:149 Resp: 1122795
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.4
150 12.9 10.2 15.4

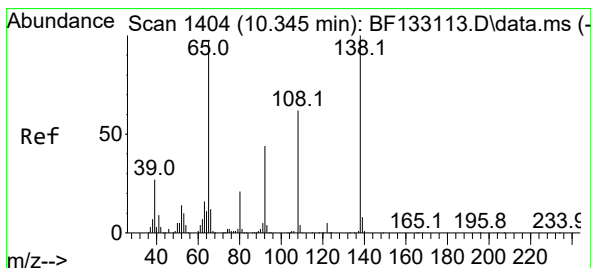
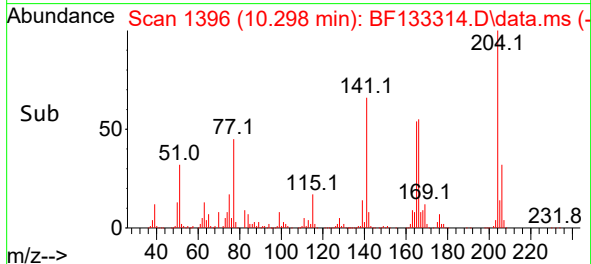
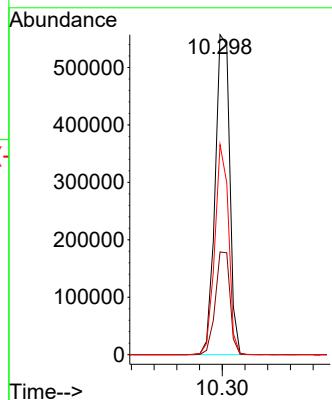
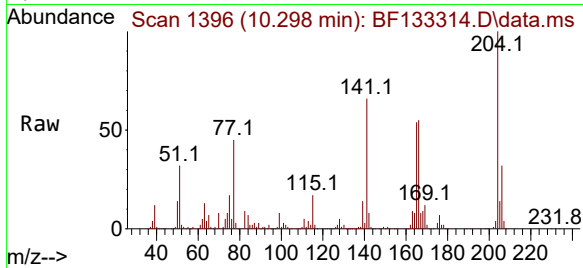




#61
4-Chlorophenyl-phenylether
Concen: 39.624 ng
RT: 10.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

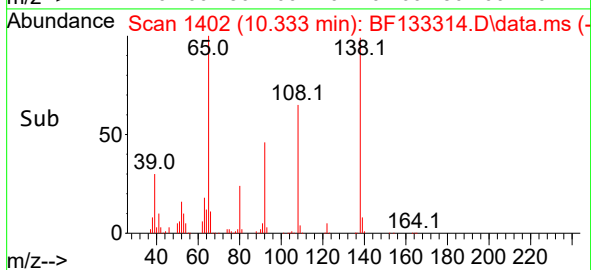
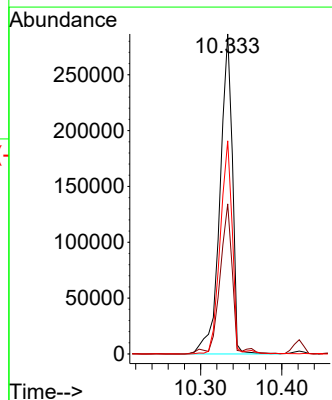
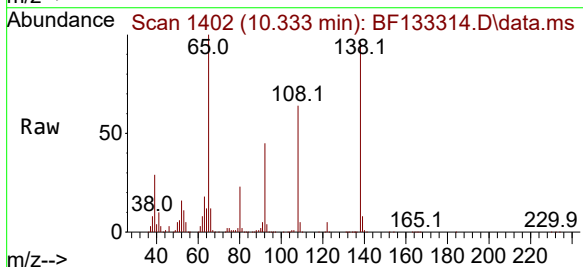
Instrument :
BNA_F
ClientSampleId :
PB152670BS

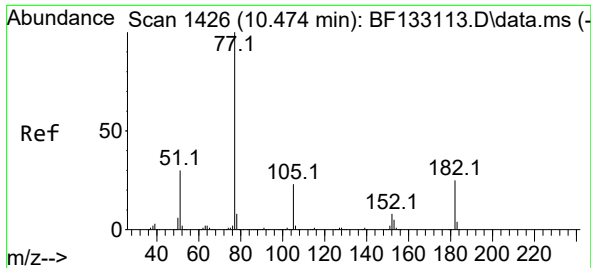
Tgt Ion:204 Resp: 496953
Ion Ratio Lower Upper
204 100
206 32.1 26.1 39.1
141 65.6 46.1 69.1



#62
4-Nitroaniline
Concen: 43.022 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:138 Resp: 305922
Ion Ratio Lower Upper
138 100
92 46.9 27.7 67.7
108 66.6 45.2 85.2

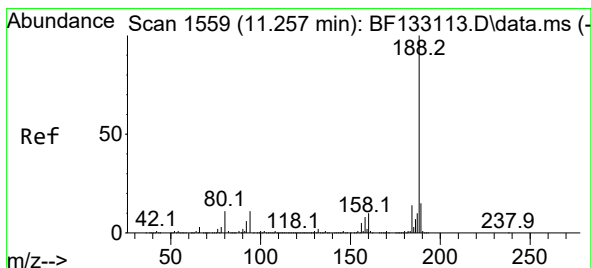
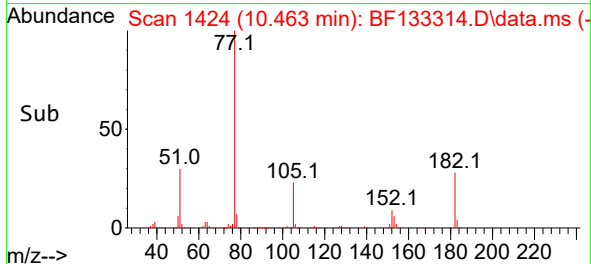
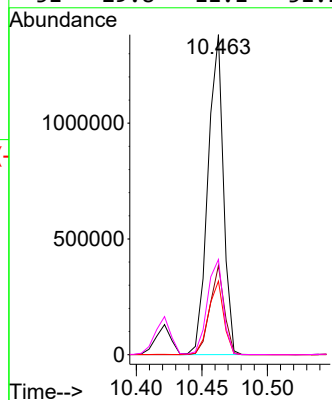
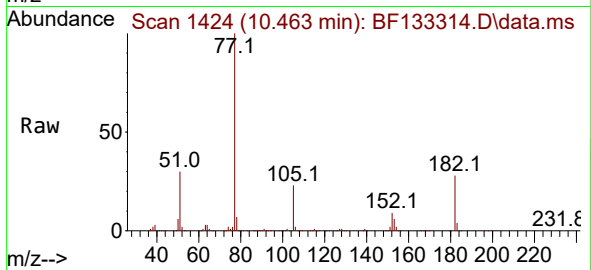




#63
Azobenzene
Concen: 39.228 ng
RT: 10.463 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

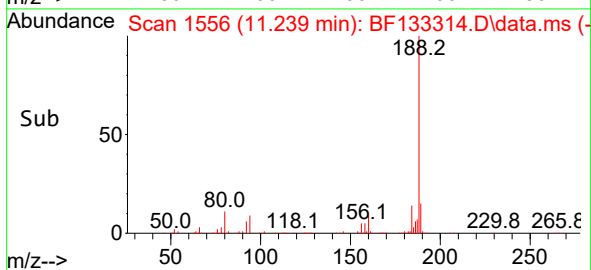
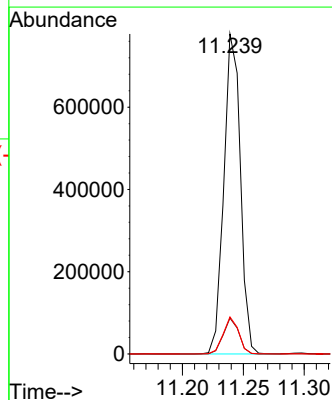
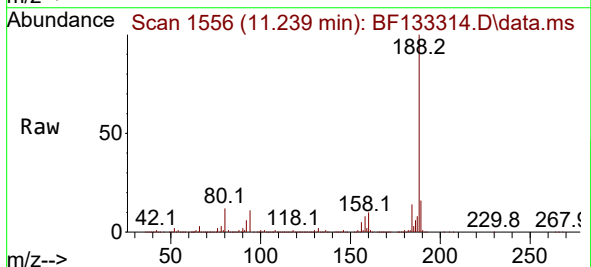
Instrument :
BNA_F
ClientSampleId :
PB152670BS

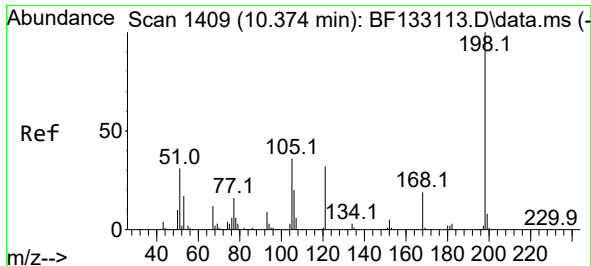
Tgt Ion: 77 Resp: 1134746
Ion Ratio Lower Upper
77 100
182 27.9 5.9 45.9
105 23.0 2.3 42.3
51 29.8 11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:188 Resp: 735479
Ion Ratio Lower Upper
188 100
94 11.2 9.7 14.5
80 11.6 10.4 15.6

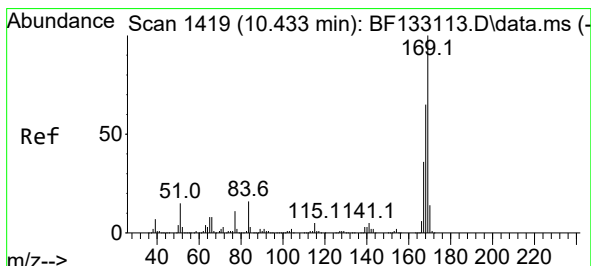
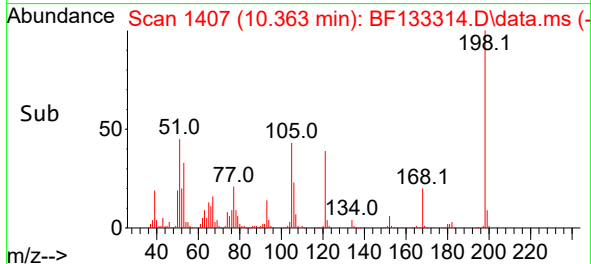
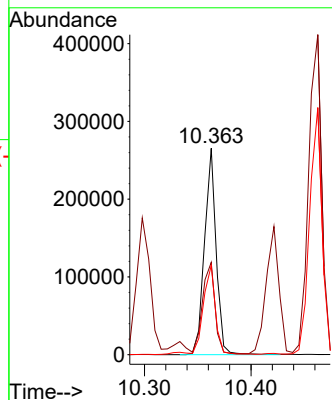
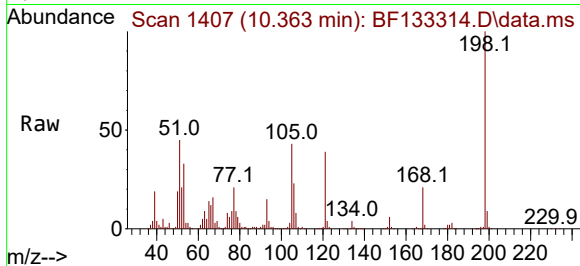




#65
4,6-Dinitro-2-methylphenol
Concen: 45.505 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

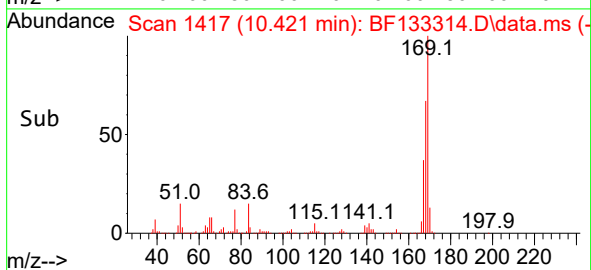
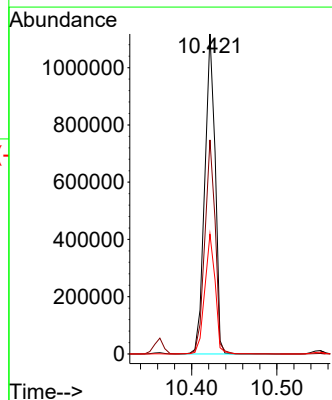
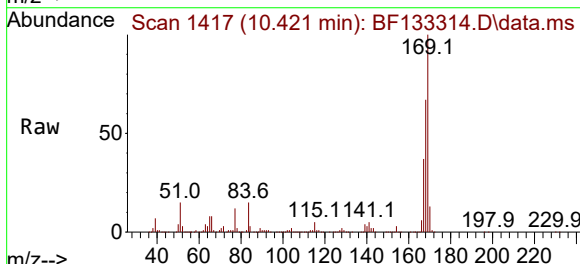
Instrument :
BNA_F
ClientSampleId :
PB152670BS

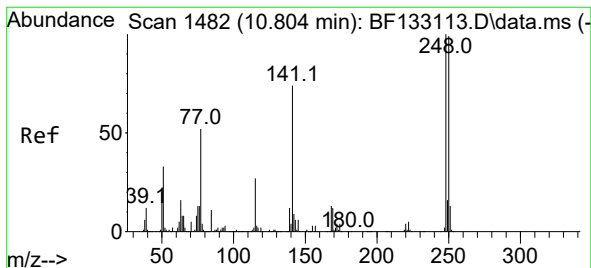
Tgt Ion:198 Resp: 202856
Ion Ratio Lower Upper
198 100
51 44.7 15.5 55.5
105 43.2 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 39.612 ng
RT: 10.421 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:169 Resp: 945030
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.8
167 37.4 29.7 44.5

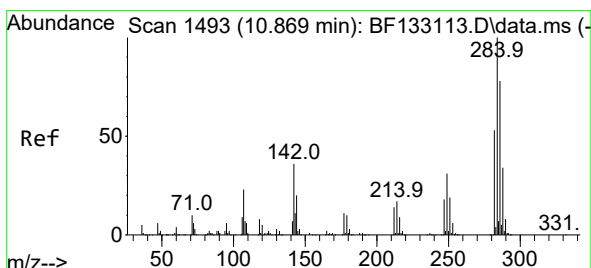
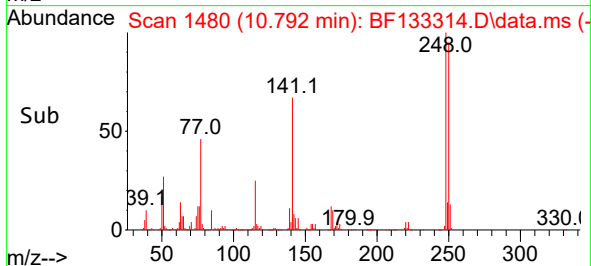
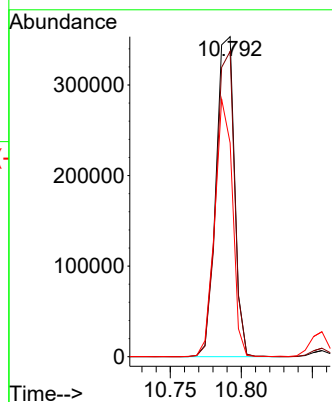
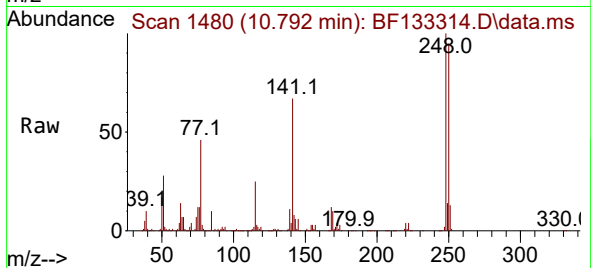




#67
4-Bromophenyl-phenylether
Concen: 40.030 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

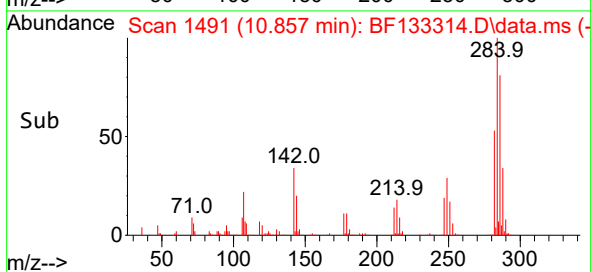
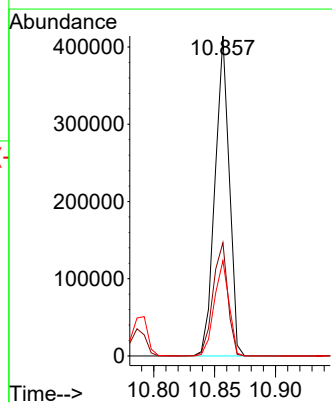
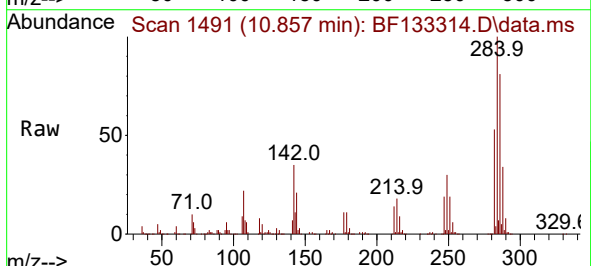
Instrument :
BNA_F
ClientSampleId :
PB152670BS

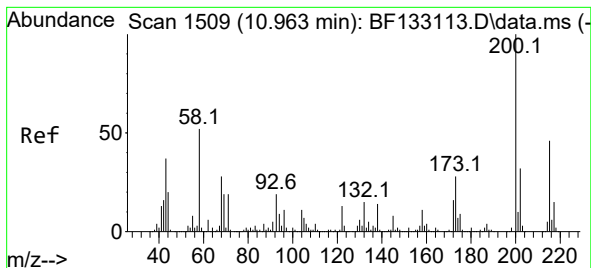
Tgt Ion:248 Resp: 319311
Ion Ratio Lower Upper
248 100
250 95.4 78.7 118.1
141 66.8 56.3 84.5



#68
Hexachlorobenzene
Concen: 41.139 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:284 Resp: 336257
Ion Ratio Lower Upper
284 100
142 35.4 26.0 39.0
249 29.8 23.7 35.5





#69

Atrazine

Concen: 47.291 ng

RT: 10.951 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS

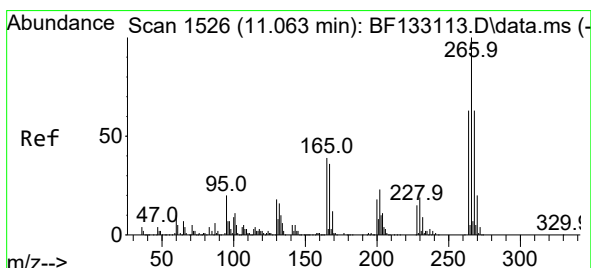
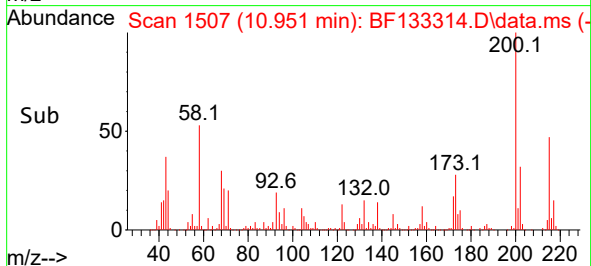
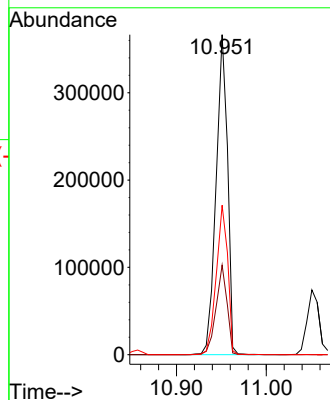
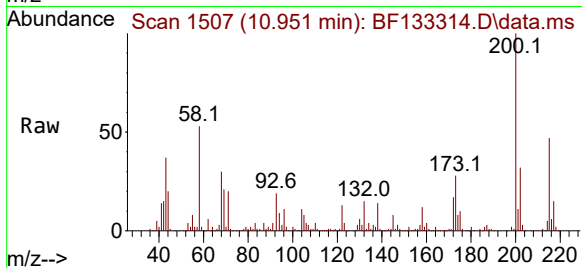
Tgt Ion:200 Resp: 325091

Ion Ratio Lower Upper

200 100

173 28.0 6.2 46.2

215 46.7 26.3 66.3



#70

Pentachlorophenol

Concen: 68.679 ng

RT: 11.051 min Scan# 1524

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

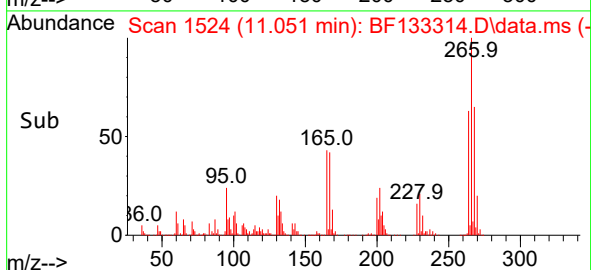
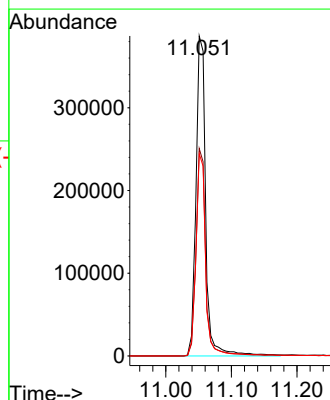
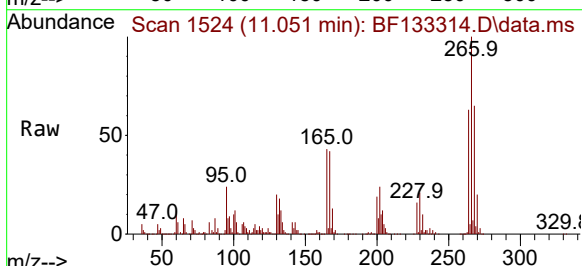
Tgt Ion:266 Resp: 399795

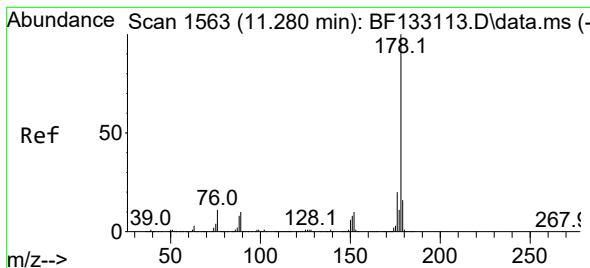
Ion Ratio Lower Upper

266 100

268 64.8 48.8 73.2

264 63.2 50.6 76.0





#71

Phenanthrene

Concen: 39.664 ng

RT: 11.268 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS

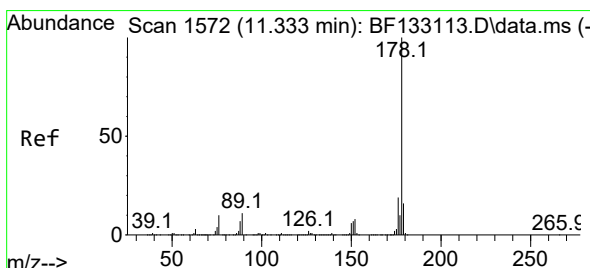
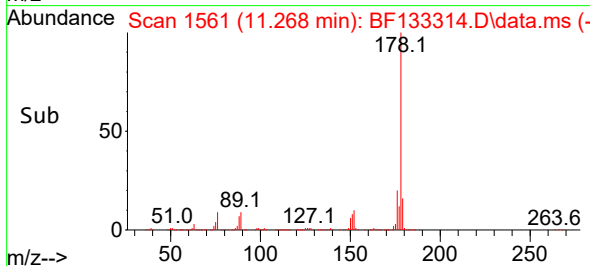
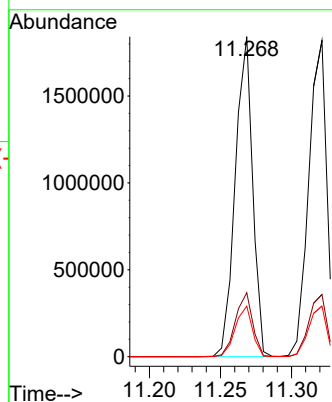
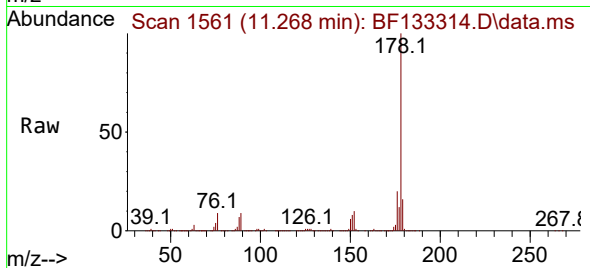
Tgt Ion:178 Resp: 1567921

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

179 15.8 12.5 18.7



#72

Anthracene

Concen: 39.956 ng

RT: 11.321 min Scan# 1570

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

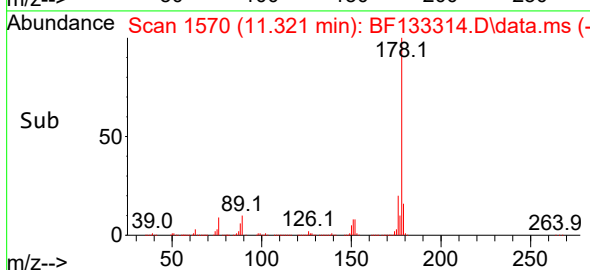
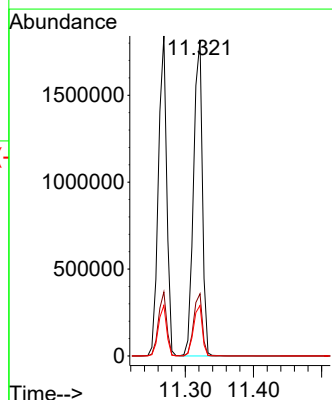
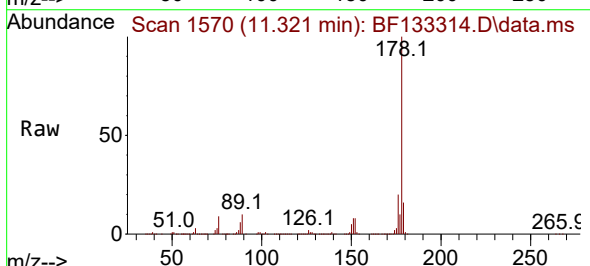
Tgt Ion:178 Resp: 1616388

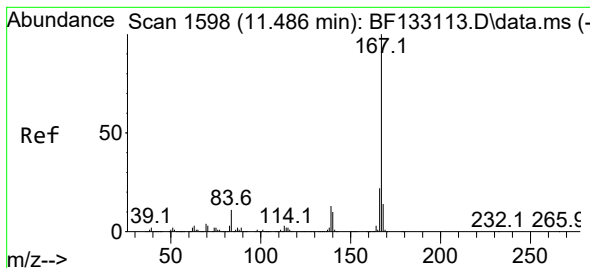
Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

179 16.0 12.4 18.6





#73

Carbazole

Concen: 40.438 ng

RT: 11.474 min Scan# 1596

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS

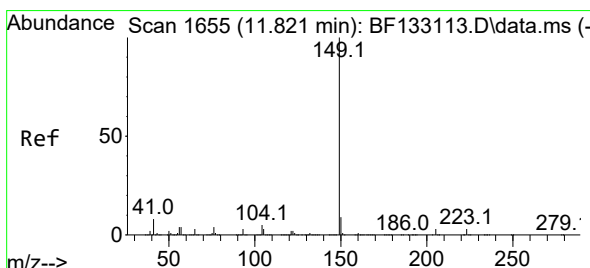
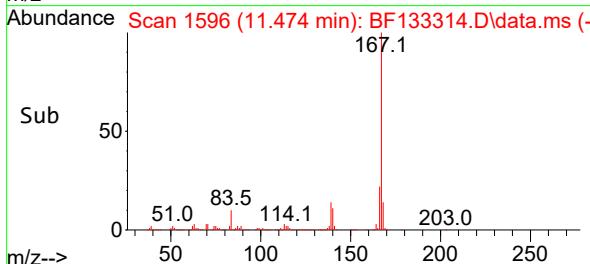
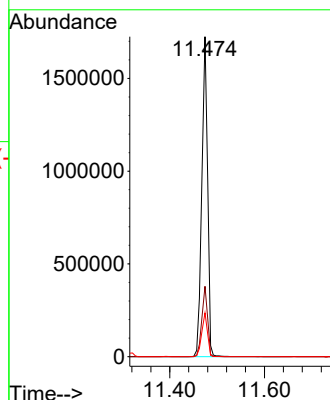
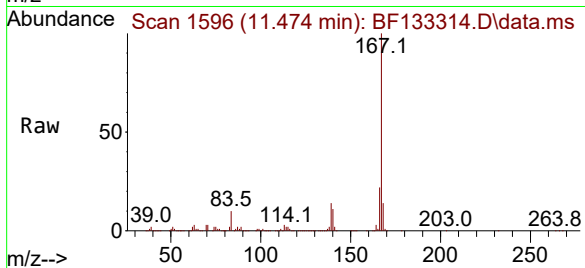
Tgt Ion:167 Resp: 1456645

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.0

139 13.7 10.6 16.0



#74

Di-n-butylphthalate

Concen: 42.078 ng

RT: 11.810 min Scan# 1653

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

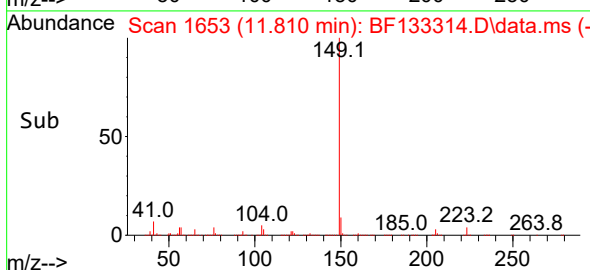
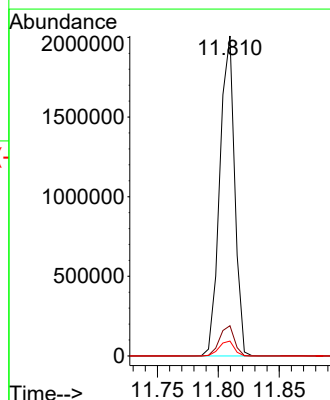
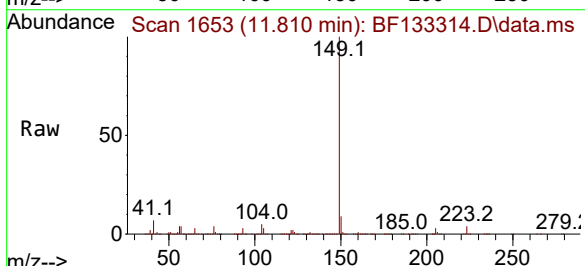
Tgt Ion:149 Resp: 1715279

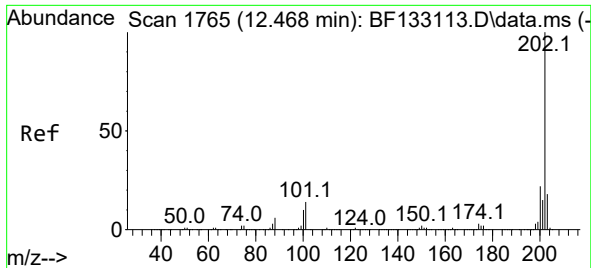
Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 4.6 4.0 6.0

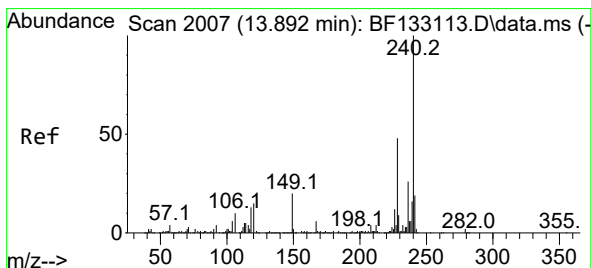
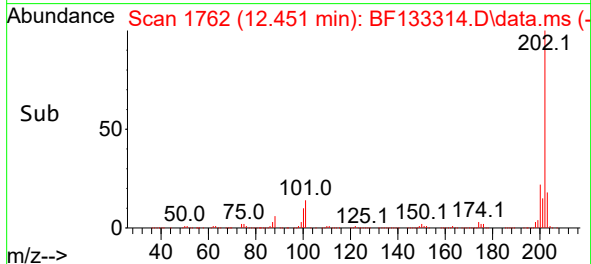
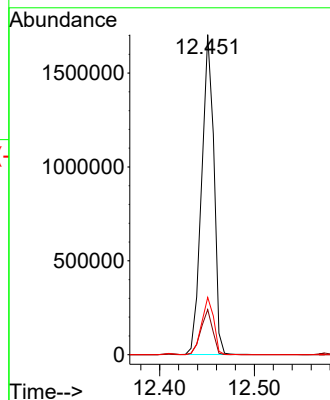
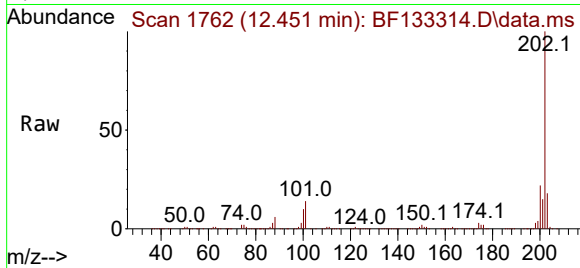




#75
Fluoranthene
Concen: 38.734 ng
RT: 12.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

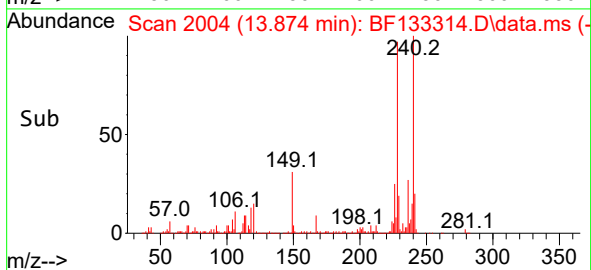
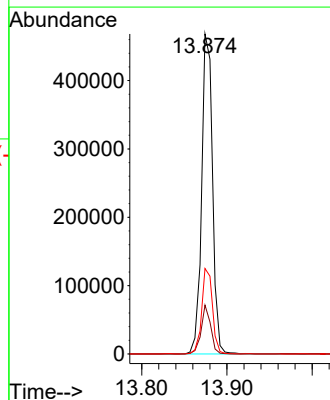
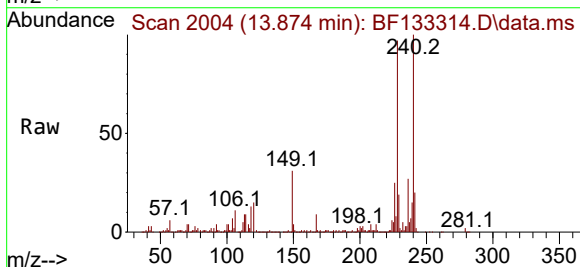
Instrument :
BNA_F
ClientSampleId :
PB152670BS

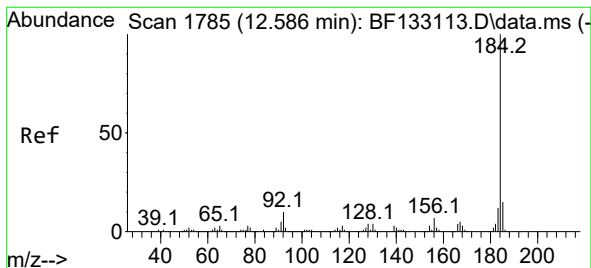
Tgt Ion:202 Resp: 1536698
Ion Ratio Lower Upper
202 100
101 14.1 0.0 35.3
203 17.9 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:240 Resp: 416217
Ion Ratio Lower Upper
240 100
120 15.3 10.5 15.7
236 26.7 21.5 32.3





#77

Benzidine

Concen: 127.846 ng

RT: 12.574 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS

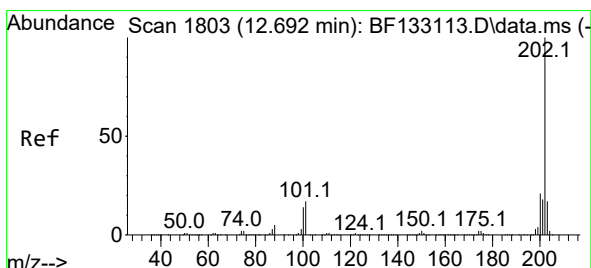
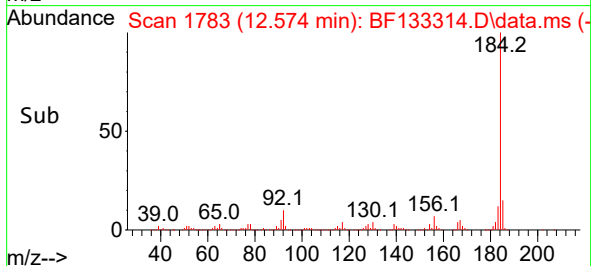
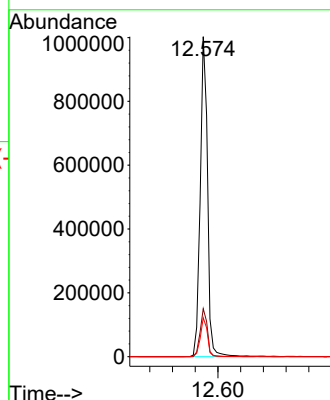
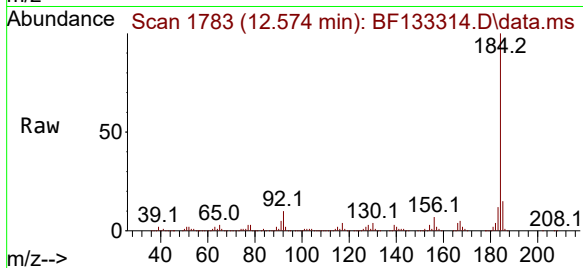
Tgt Ion:184 Resp: 899834

Ion Ratio Lower Upper

184 100

185 15.0 15.4 23.2#

183 12.1 9.4 14.0



#78

Pyrene

Concen: 44.496 ng

RT: 12.680 min Scan# 1801

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

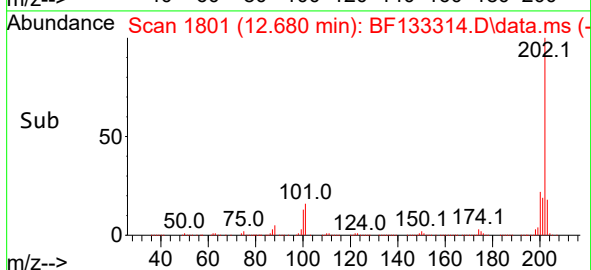
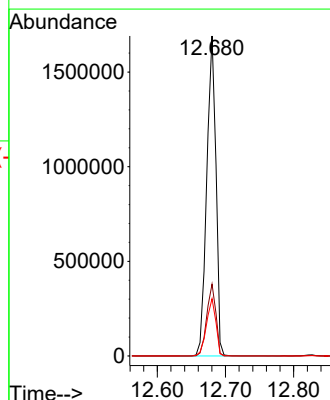
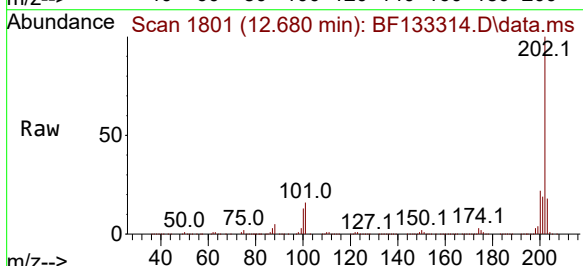
Tgt Ion:202 Resp: 1587574

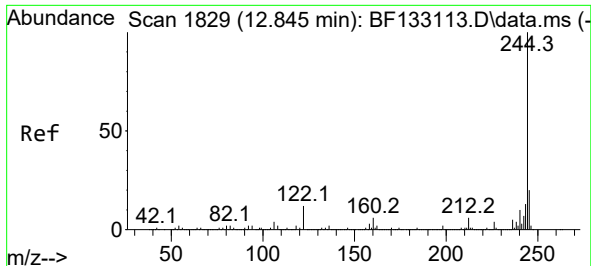
Ion Ratio Lower Upper

202 100

200 22.4 17.1 25.7

203 17.9 14.1 21.1

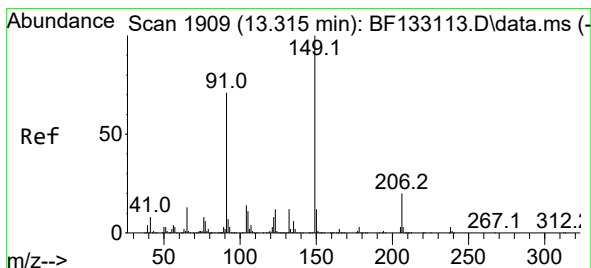
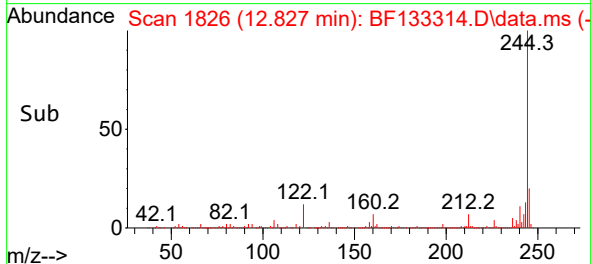
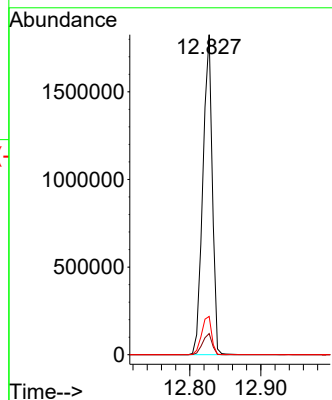
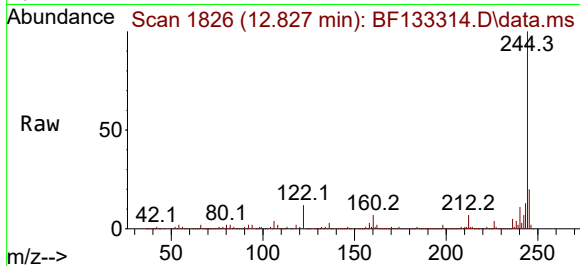




#79
 Terphenyl-d14
 Concen: 69.989 ng
 RT: 12.827 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133314.D
 Acq: 09 May 2023 13:24

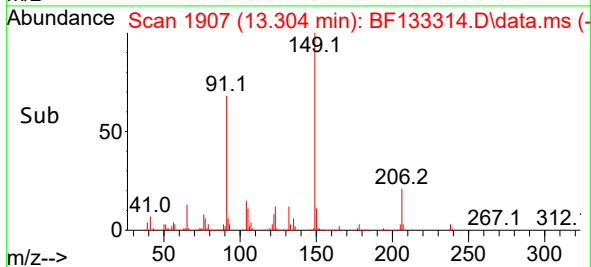
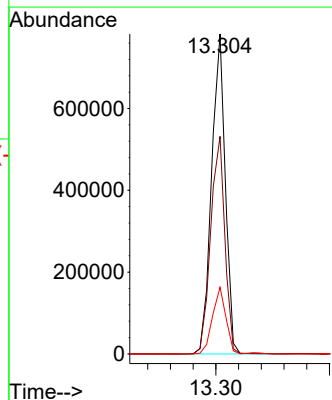
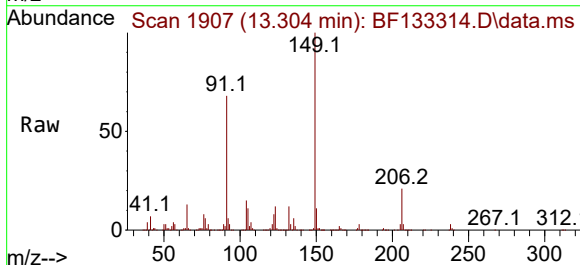
Instrument :
 BNA_F
 ClientSampleId :
 PB152670BS

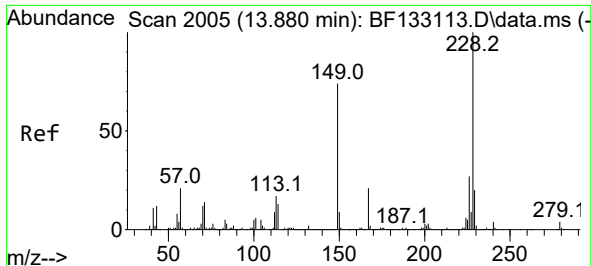
Tgt Ion:244 Resp: 1689053
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.9 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 51.802 ng
 RT: 13.304 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: BF133314.D
 Acq: 09 May 2023 13:24

Tgt Ion:149 Resp: 654428
 Ion Ratio Lower Upper
 149 100
 91 68.0 53.8 80.6
 206 20.8 17.5 26.3

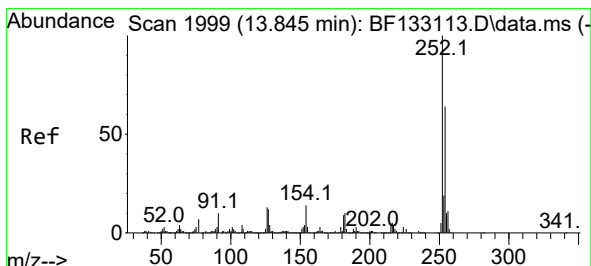
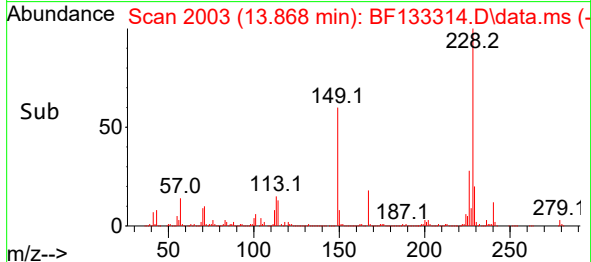
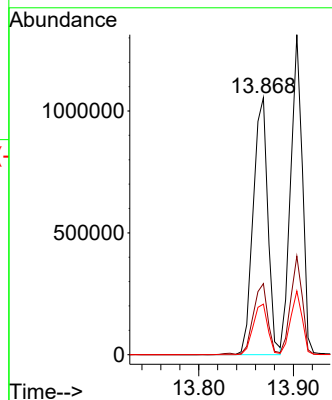
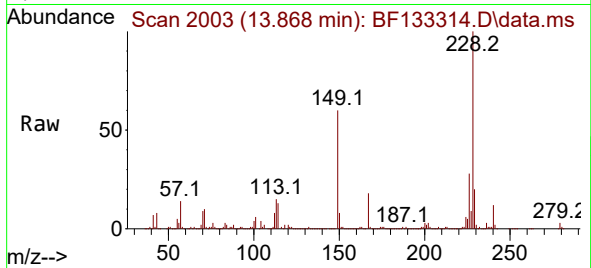




#81
Benzo(a)anthracene
Concen: 39.768 ng
RT: 13.868 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

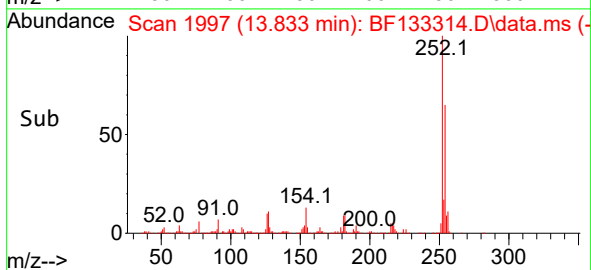
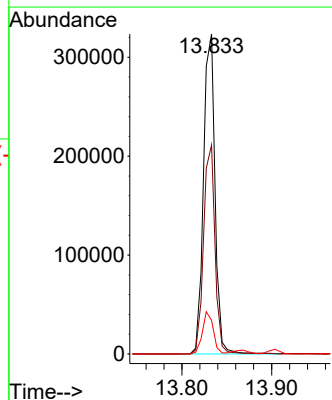
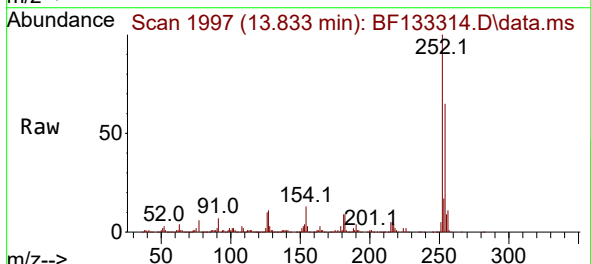
Instrument :
BNA_F
ClientSampleId :
PB152670BS

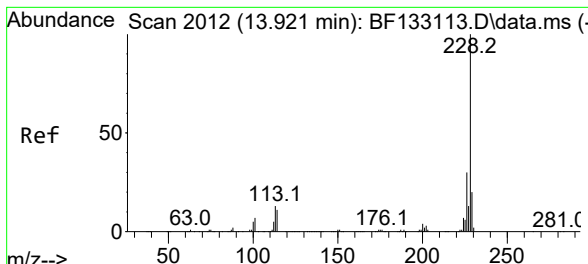
Tgt Ion:228 Resp: 1138250
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 19.6 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 36.529 ng
RT: 13.833 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:252 Resp: 288833
Ion Ratio Lower Upper
252 100
254 65.3 51.5 77.3
126 10.5 9.5 14.3





#83

Chrysene

Concen: 39.251 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS

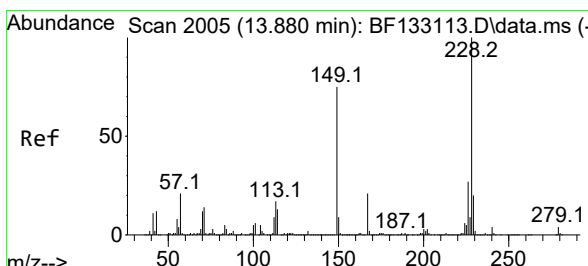
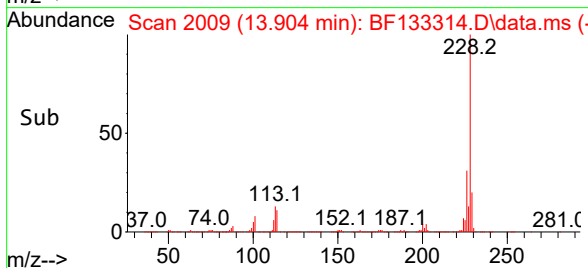
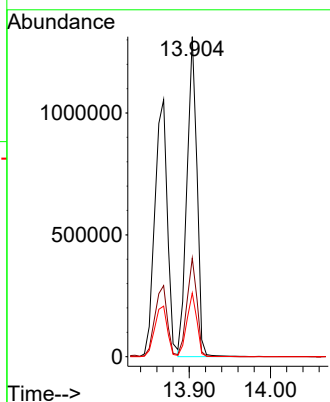
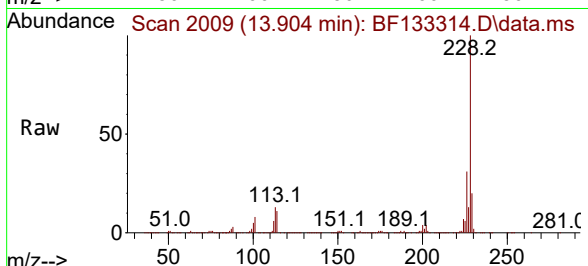
Tgt Ion:228 Resp: 1123158

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

229 19.9 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.857 ng

RT: 13.862 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

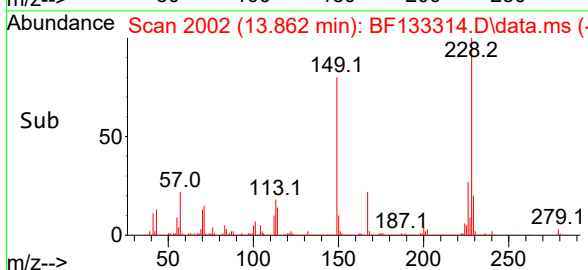
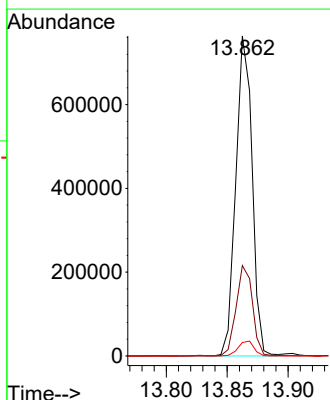
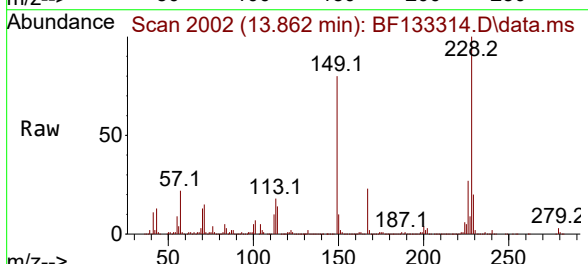
Tgt Ion:149 Resp: 711299

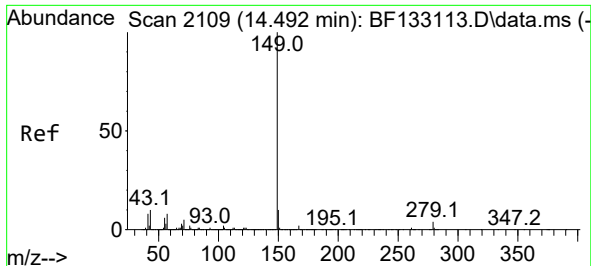
Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

279 4.2 4.2 6.4

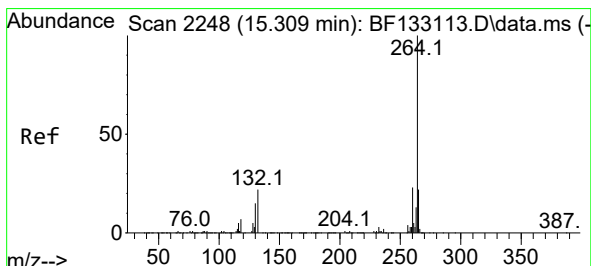
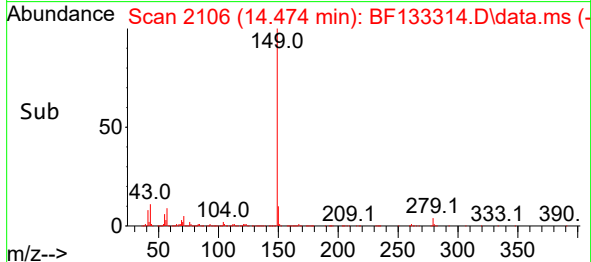
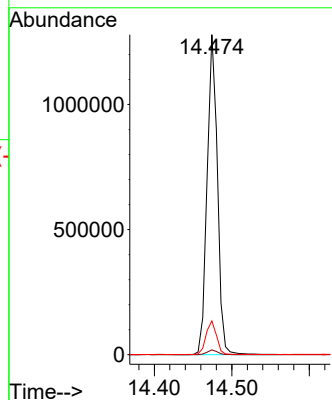
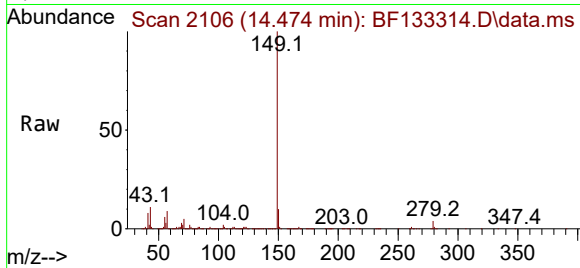




#85
Di-n-octyl phthalate
Concen: 45.598 ng
RT: 14.474 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

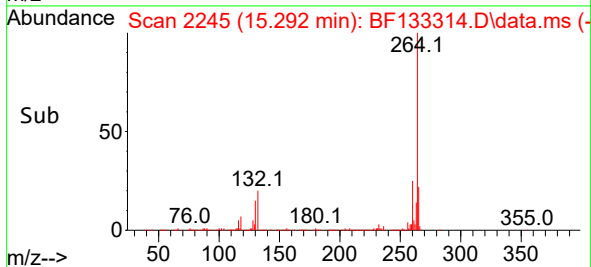
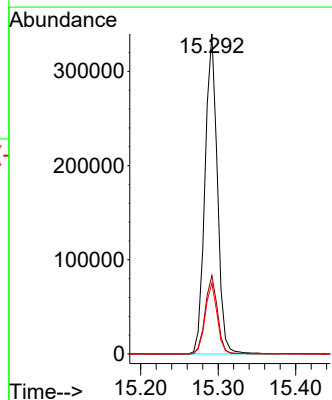
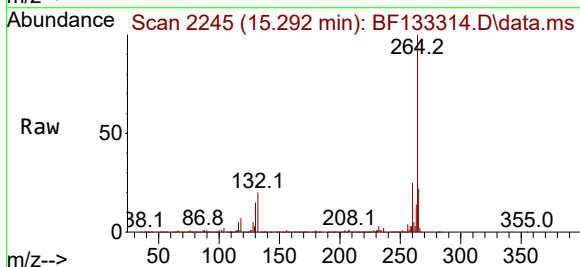
Instrument :
BNA_F
ClientSampleId :
PB152670BS

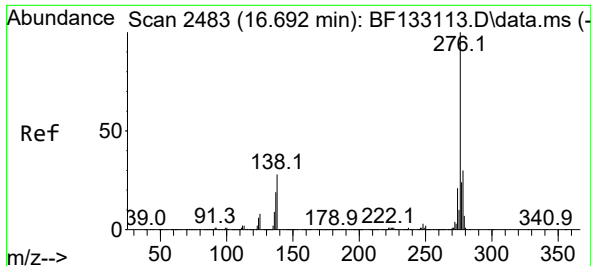
Tgt Ion:149 Resp: 1178959
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.9 9.5 14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 2245
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:264 Resp: 375879
Ion Ratio Lower Upper
264 100
260 24.5 18.8 28.2
265 22.1 17.0 25.4

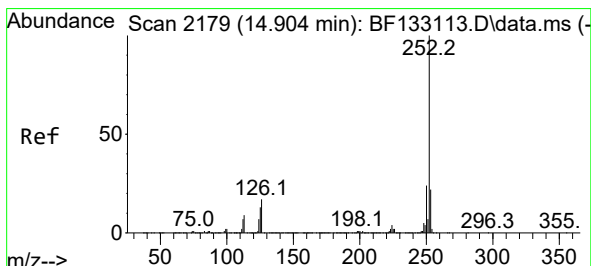
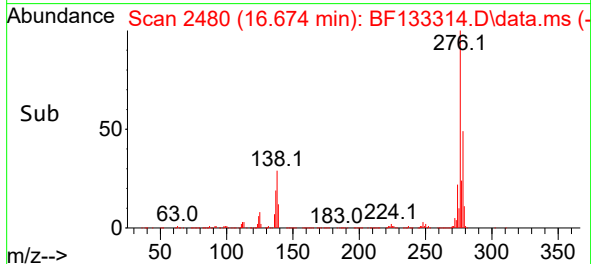
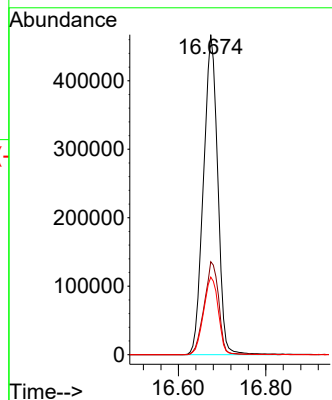
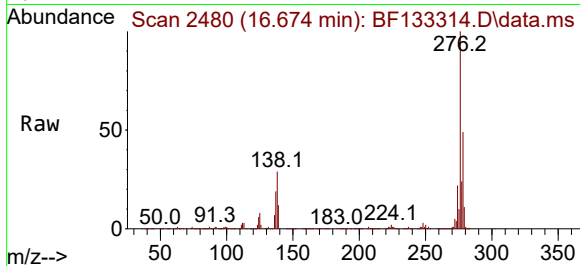




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.563 ng
RT: 16.674 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

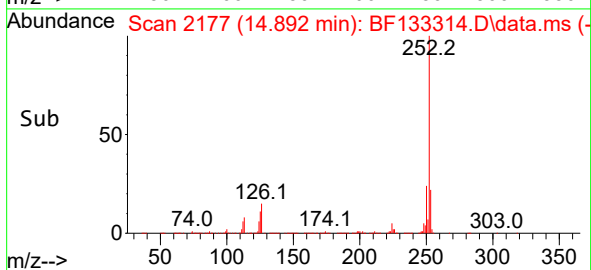
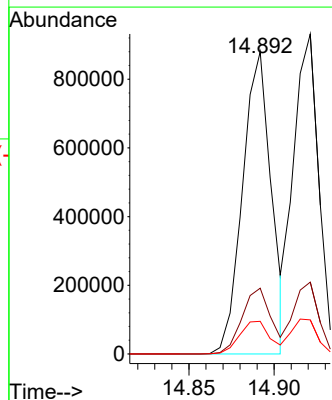
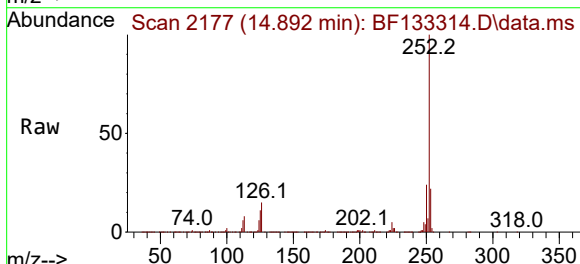
Instrument :
BNA_F
ClientSampleId :
PB152670BS

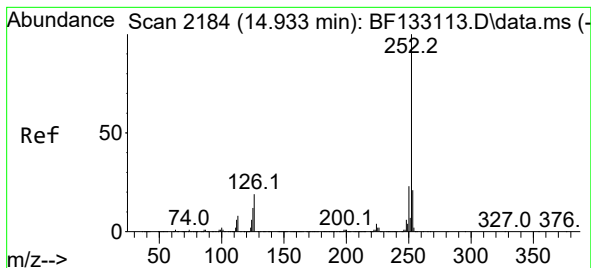
Tgt Ion:276 Resp: 1059691
Ion Ratio Lower Upper
276 100
138 29.6 25.5 38.3
277 25.2 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 43.032 ng
RT: 14.892 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:252 Resp: 1029014
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.8 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 40.841 ng

RT: 14.921 min Scan# 2184

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS

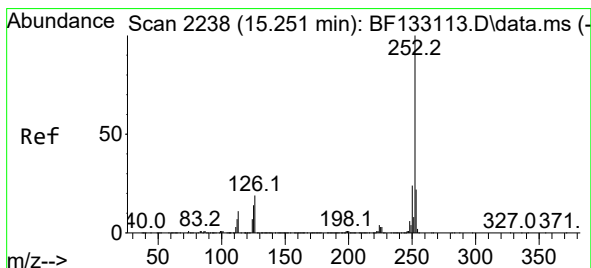
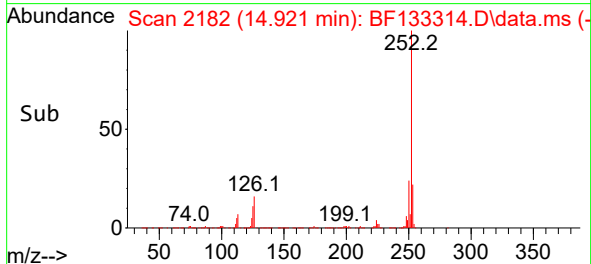
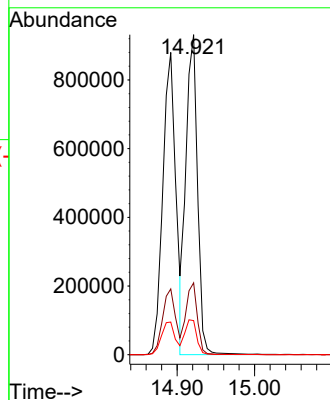
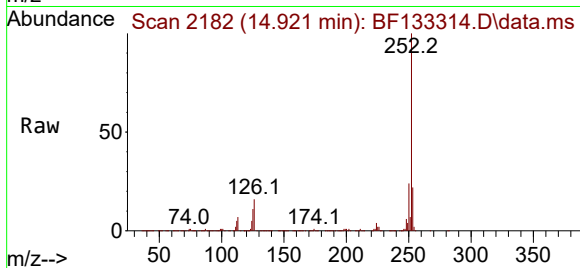
Tgt Ion:252 Resp: 968120

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 10.6 9.0 13.4



#90

Benzo(a)pyrene

Concen: 39.663 ng

RT: 15.233 min Scan# 2235

Delta R.T. -0.006 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

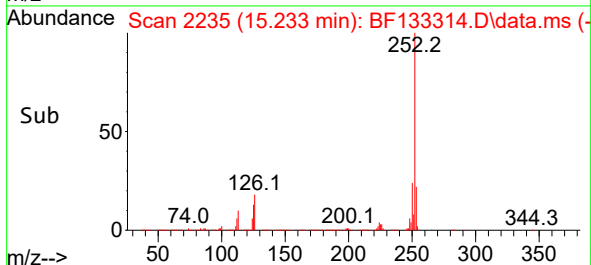
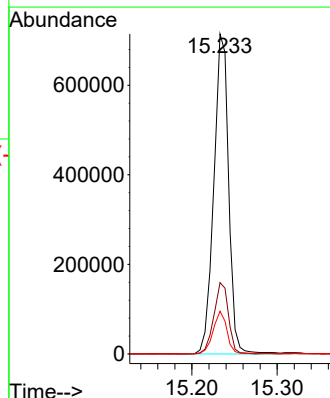
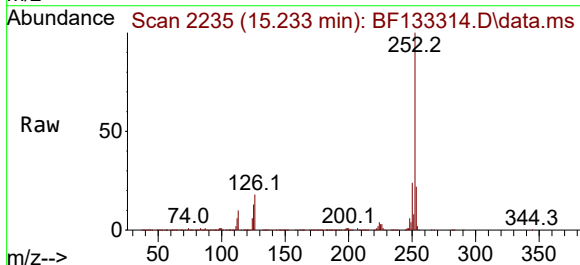
Tgt Ion:252 Resp: 863305

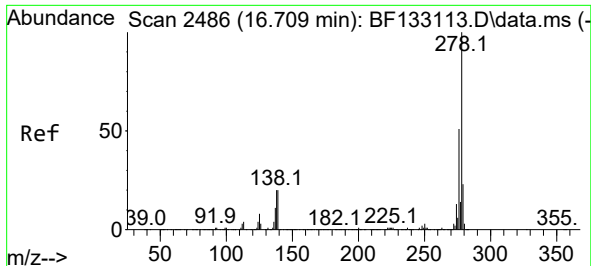
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 13.4 10.5 15.7

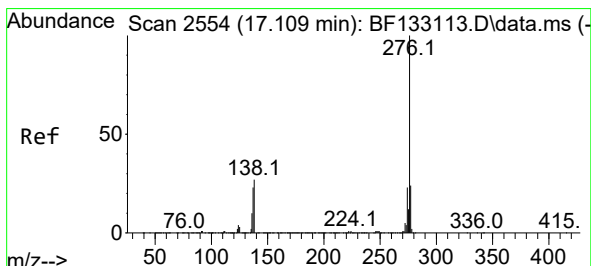
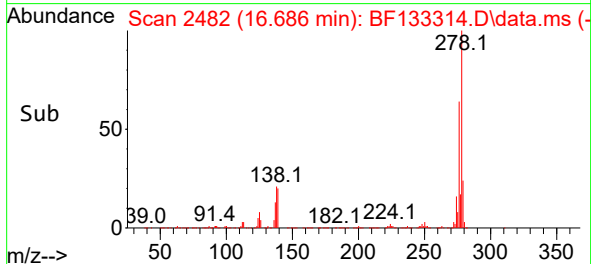
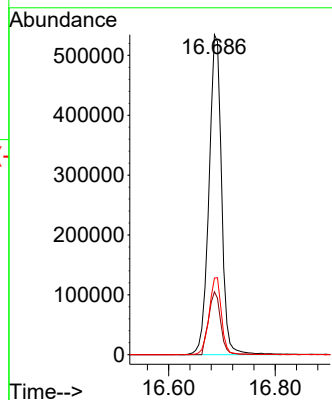
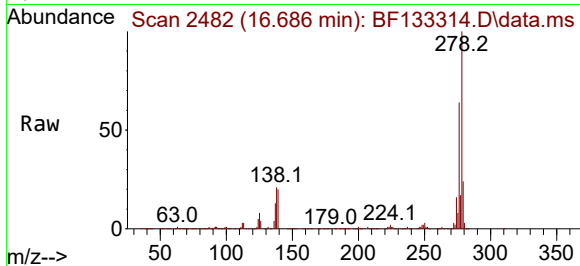




#91
Dibenzo(a,h)anthracene
Concen: 49.245 ng
RT: 16.686 min Scan# 2486
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :
BNA_F
ClientSampleId :
PB152670BS

Tgt Ion:278 Resp: 878163
Ion Ratio Lower Upper
278 100
139 19.7 16.6 24.8
279 24.0 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 50.695 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:276 Resp: 892494
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.0
138 25.3 22.7 34.1

