

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
 Data File : BF133467.D
 Acq On : 24 May 2023 13:18
 Operator : CG\JU
 Sample : 02891-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 290-328MS

Quant Time: May 24 14:23:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 02:41:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	107957	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	416878	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	199130	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	402747	20.000	ng	0.00
76) Chrysene-d12	14.010	240	279162	20.000	ng	0.00
86) Perylene-d12	15.468	264	254893	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	780366	118.160	ng	0.01
7) Phenol-d6	6.469	99	908155	114.387	ng	0.00
23) Nitrobenzene-d5	7.404	82	625194	103.683	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	279530	151.962	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1118104	78.998	ng	0.00
79) Terphenyl-d14	12.957	244	1325295	90.766	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.687	88	102972	34.443	ng	# 81
3) Pyridine	3.416	79	224592	28.533	ng	98
4) n-Nitrosodimethylamine	3.334	42	190506	42.398	ng	100
6) Aniline	6.504	93	210321	19.384	ng	100
8) 2-Chlorophenol	6.622	128	303258	46.291	ng	96
9) Benzaldehyde	6.393	77	153543	34.251	ng	96
10) Phenol	6.481	94	346388	42.666	ng	99
11) bis(2-Chloroethyl)ether	6.581	93	281223	42.440	ng	99
12) 1,3-Dichlorobenzene	6.781	146	282025	39.442	ng	98
13) 1,4-Dichlorobenzene	6.857	146	287039	40.091	ng	99
14) 1,2-Dichlorobenzene	7.010	146	281474	42.571	ng	99
15) Benzyl Alcohol	6.981	79	276111	45.958	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	536108	42.756	ng	99
17) 2-Methylphenol	7.087	107	254177	42.551	ng	99
18) Hexachloroethane	7.357	117	103076	42.249	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	219303	44.137	ng	99
20) 3+4-Methylphenols	7.245	107	312008	43.152	ng	# 82
22) Acetophenone	7.251	105	420046	42.938	ng	# 93
24) Nitrobenzene	7.422	77	321496	48.232	ng	98
25) Isophorone	7.663	82	611019	43.064	ng	98
26) 2-Nitrophenol	7.739	139	137425	49.549	ng	90
27) 2,4-Dimethylphenol	7.775	122	281261	46.380	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	356917	42.579	ng	99
29) 2,4-Dichlorophenol	7.975	162	252018	45.831	ng	95
30) 1,2,4-Trichlorobenzene	8.063	180	244781	40.935	ng	99
31) Naphthalene	8.145	128	833327	40.696	ng	99
32) Benzoic acid	7.881	122	156386	50.367	ng	98
33) 4-Chloroaniline	8.192	127	50205	5.852	ng	98
34) Hexachlorobutadiene	8.263	225	142967	39.339	ng	98
35) Caprolactam	8.557	113	47033	28.161	ng	# 87
36) 4-Chloro-3-methylphenol	8.669	107	285369	47.959	ng	99
37) 2-Methylnaphthalene	8.839	142	565031	41.160	ng	98
38) 1-Methylnaphthalene	8.939	142	531388	41.543	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	249963	41.302	ng	98
41) Hexachlorocyclopentadiene	8.992	237	283482	98.212	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	179472	48.291	ng	98

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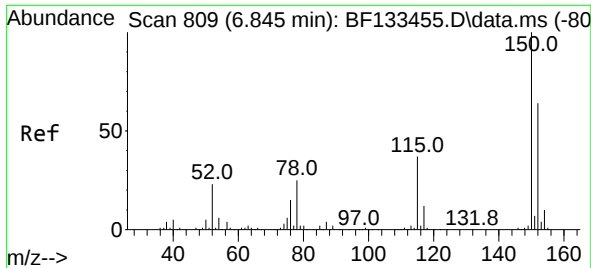
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 02:41:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	196562	45.728	ng	98
46) 1,1'-Biphenyl	9.304	154	720238	43.124	ng	98
47) 2-Chloronaphthalene	9.328	162	526770	43.967	ng	99
48) 2-Nitroaniline	9.422	65	187096	52.528	ng	97
49) Acenaphthylene	9.745	152	909146	44.669	ng	99
50) Dimethylphthalate	9.604	163	639904	47.069	ng	100
51) 2,6-Dinitrotoluene	9.663	165	136354	52.613	ng	95
52) Acenaphthene	9.916	154	599390	49.046	ng	99
53) 3-Nitroaniline	9.828	138	96777	31.579	ng	97
54) 2,4-Dinitrophenol	9.933	184	115384	98.241	ng	91
55) Dibenzofuran	10.086	168	819176	44.912	ng	99
56) 4-Nitrophenol	9.986	139	245330	93.599	ng	93
57) 2,4-Dinitrotoluene	10.069	165	179301	56.793	ng	# 83
58) Fluorene	10.428	166	597818	45.409	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	169605	53.178	ng	98
60) Diethylphthalate	10.310	149	669186	48.552	ng	98
61) 4-Chlorophenyl-phenyle...	10.422	204	278819	44.777	ng	99
62) 4-Nitroaniline	10.445	138	159165	50.800	ng	98
63) Azobenzene	10.586	77	662888	46.501	ng	100
65) 4,6-Dinitro-2-methylph...	10.469	198	77133	56.163	ng	92
66) n-Nitrosodiphenylamine	10.545	169	570759	42.981	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	182408	43.187	ng	98
68) Hexachlorobenzene	10.975	284	200103	45.148	ng	97
69) Atrazine	11.069	200	180376	53.072	ng	98
70) Pentachlorophenol	11.169	266	231264	91.935	ng	99
71) Phenanthrene	11.392	178	913085	43.785	ng	100
72) Anthracene	11.445	178	936246	44.008	ng	99
73) Carbazole	11.598	167	917459	45.522	ng	100
74) Di-n-butylphthalate	11.933	149	1060831	49.058	ng	99
75) Fluoranthene	12.580	202	1036384	46.157	ng	99
77) Benzidine	12.698	184	117871	17.720	ng	99
78) Pyrene	12.810	202	1067166	46.897	ng	100
80) Butylbenzylphthalate	13.433	149	450988	52.382	ng	93
81) Benzo(a)anthracene	13.998	228	855659	45.152	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	192376	35.771	ng	98
83) Chrysene	14.039	228	866996	45.057	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	520022	50.634	ng	# 98
85) Di-n-octyl phthalate	14.610	149	936146	50.105	ng	100
87) Indeno(1,2,3-cd)pyrene	16.921	276	825984	47.844	ng	99
88) Benzo(b)fluoranthene	15.045	252	774228	48.873	ng	100
89) Benzo(k)fluoranthene	15.074	252	748728	48.635	ng	99
90) Benzo(a)pyrene	15.410	252	652482	43.715	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	669913	47.644	ng	98
92) Benzo(g,h,i)perylene	17.368	276	698092	49.148	ng	100

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

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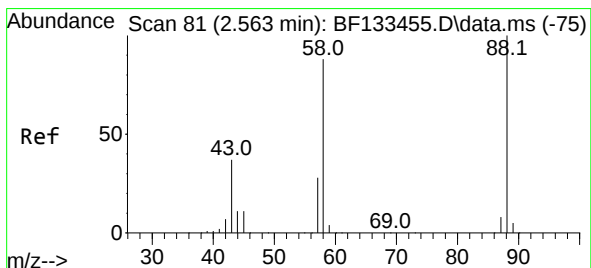
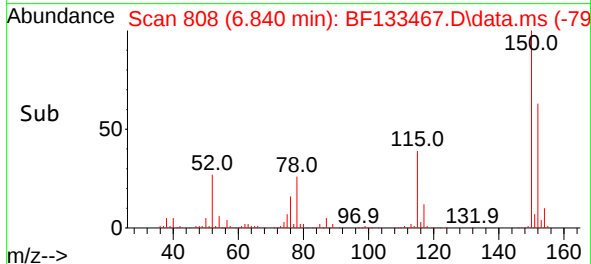
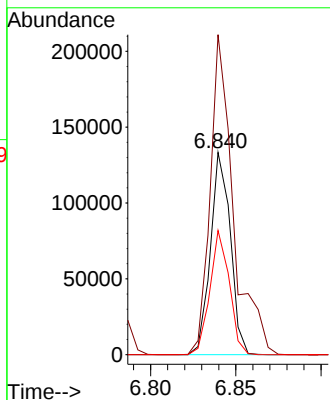
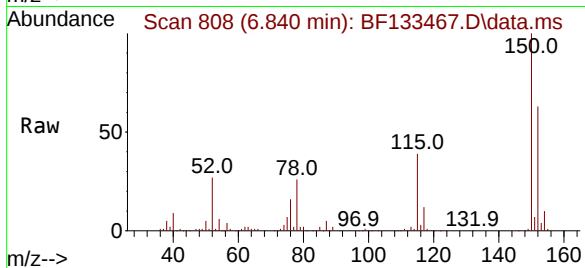




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF133467.D
 Acq: 24 May 2023 13:18

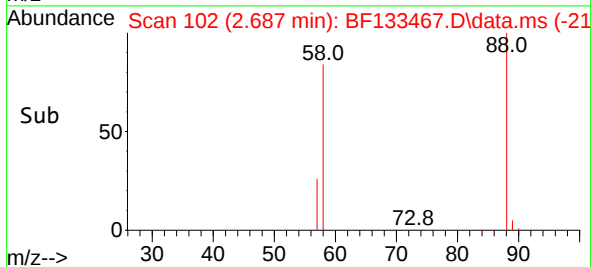
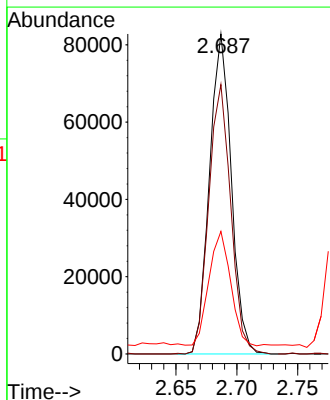
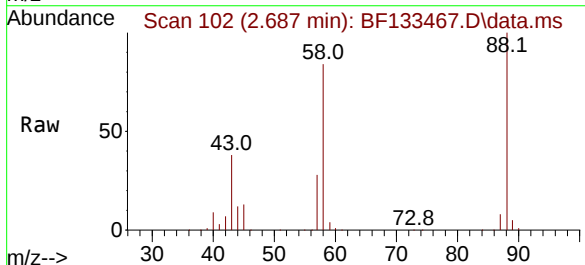
Instrument :
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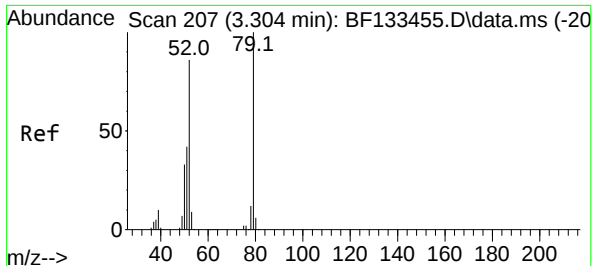
Tgt Ion:152 Resp: 107957
 Ion Ratio Lower Upper
 152 100
 150 158.3 125.6 188.4
 115 61.4 47.0 70.4



#2
 1,4-Dioxane
 Concen: 34.443 ng
 RT: 2.687 min Scan# 102
 Delta R.T. 0.124 min
 Lab File: BF133467.D
 Acq: 24 May 2023 13:18

Tgt Ion: 88 Resp: 102972
 Ion Ratio Lower Upper
 88 100
 58 85.2 69.6 104.4
 43 0.0 29.0 43.4#

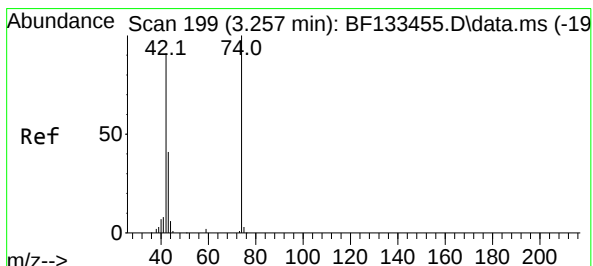
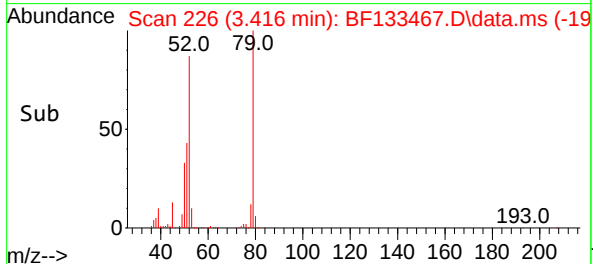
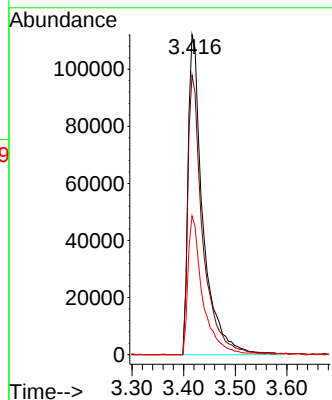
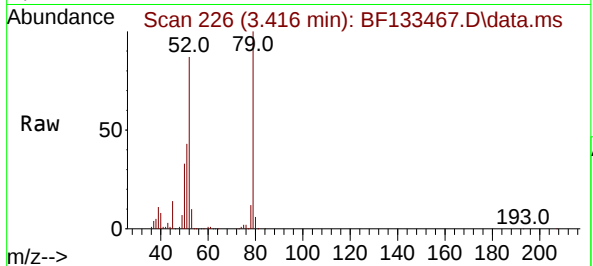




#3
 Pyridine
 Concen: 28.533 ng
 RT: 3.416 min Scan# 211
 Delta R.T. 0.112 min
 Lab File: BF133467.D
 Acq: 24 May 2023 13:18

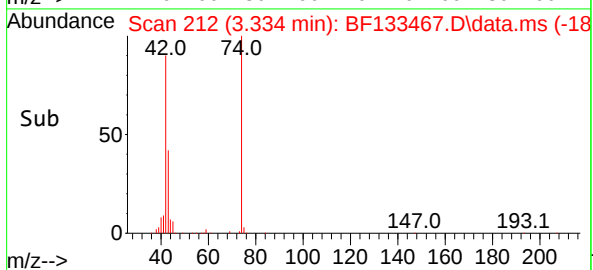
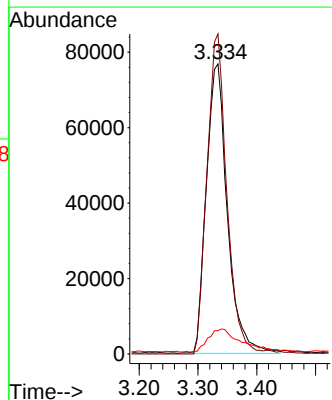
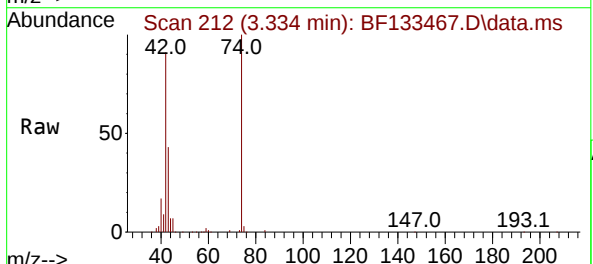
Instrument :
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 ClientSampleId :
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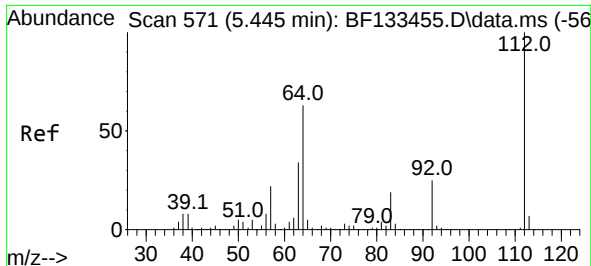
Tgt Ion: 79 Resp: 224592
 Ion Ratio Lower Upper
 79 100
 52 87.4 68.6 103.0
 51 43.4 33.8 50.6



#4
 n-Nitrosodimethylamine
 Concen: 42.398 ng
 RT: 3.334 min Scan# 212
 Delta R.T. 0.077 min
 Lab File: BF133467.D
 Acq: 24 May 2023 13:18

Tgt Ion: 42 Resp: 190506
 Ion Ratio Lower Upper
 42 100
 74 110.3 88.2 132.2
 44 8.1 6.0 9.0

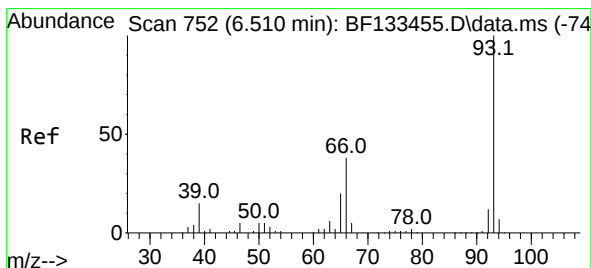
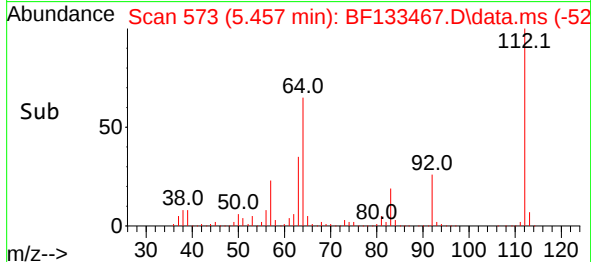
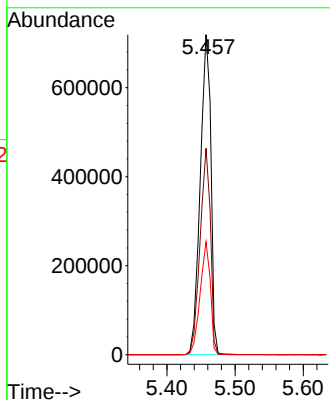
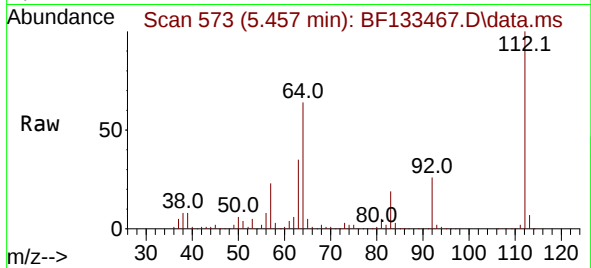




#5
2-Fluorophenol
Concen: 118.160 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

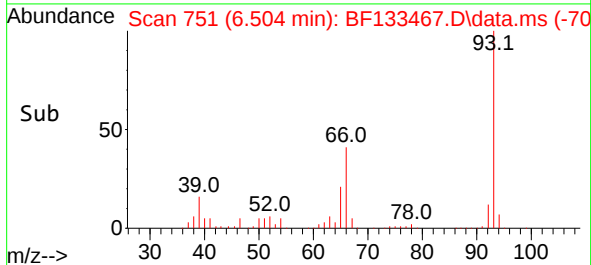
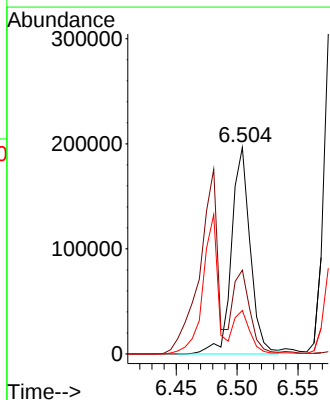
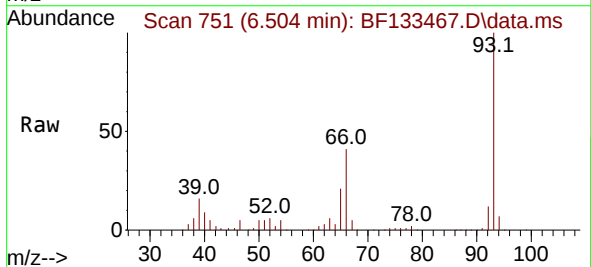
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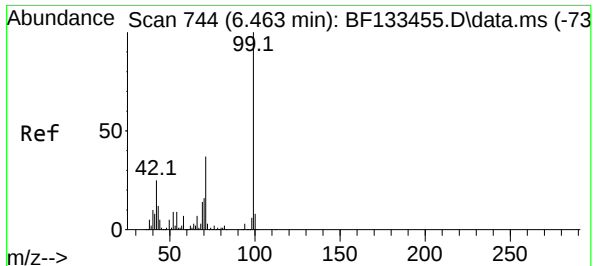
Tgt Ion:112 Resp: 780366
Ion Ratio Lower Upper
112 100
64 64.5 50.2 75.4
63 35.2 27.2 40.8



#6
Aniline
Concen: 19.384 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Tgt Ion: 93 Resp: 210321
Ion Ratio Lower Upper
93 100
66 40.6 32.5 48.7
65 21.1 16.4 24.6

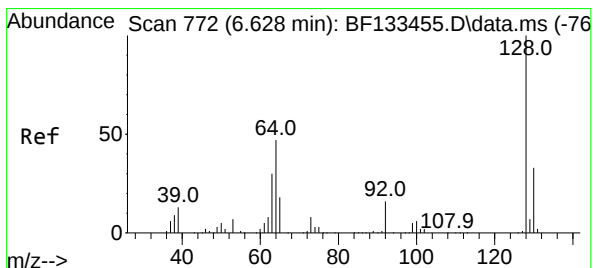
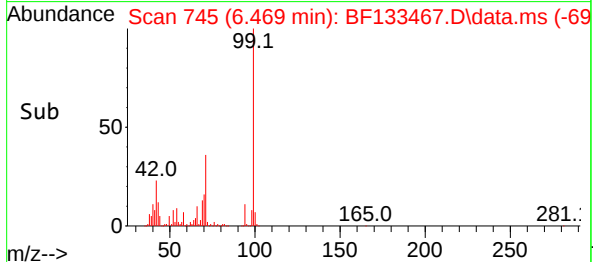
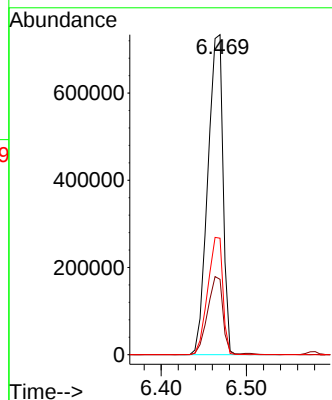
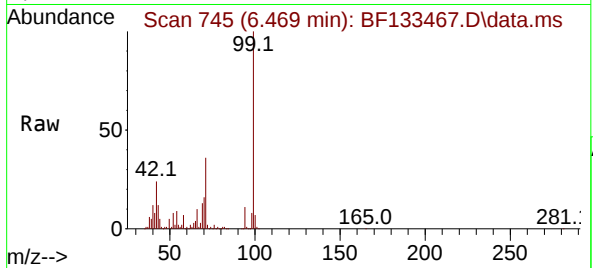




#7
Phenol-d6
Concen: 114.387 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

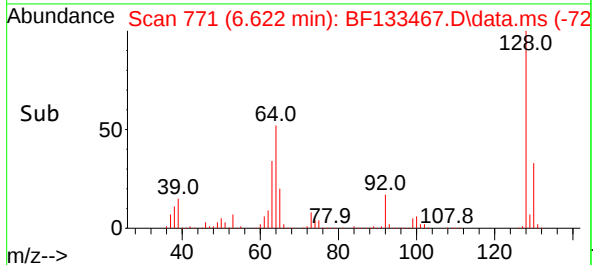
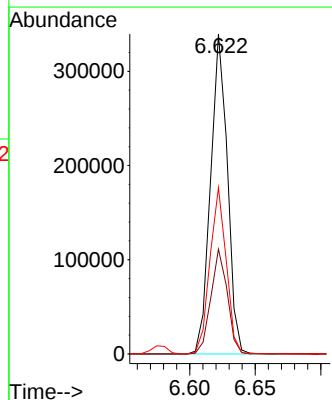
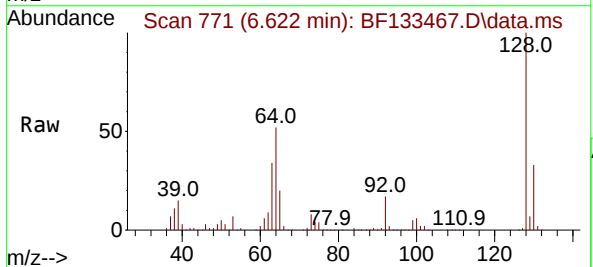
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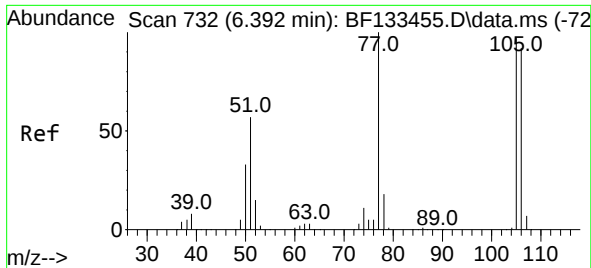
Tgt Ion: 99 Resp: 908155
Ion Ratio Lower Upper
99 100
42 23.5 19.6 29.4
71 36.4 29.5 44.3



#8
2-Chlorophenol
Concen: 46.291 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Tgt Ion: 128 Resp: 303258
Ion Ratio Lower Upper
128 100
130 32.8 12.5 52.5
64 52.0 27.8 67.8





#9

Benzaldehyde

Concen: 34.251 ng

RT: 6.393 min Scan# 71

Delta R.T. 0.001 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

290-328MS

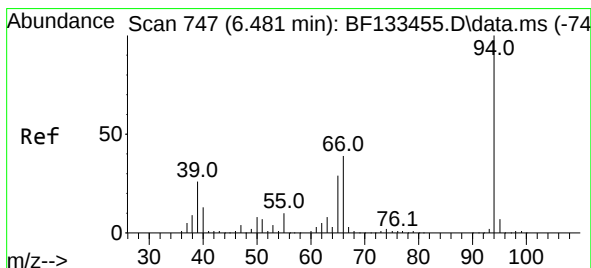
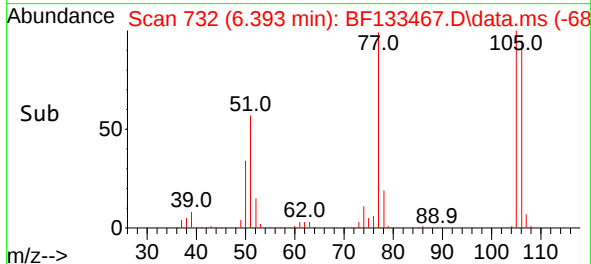
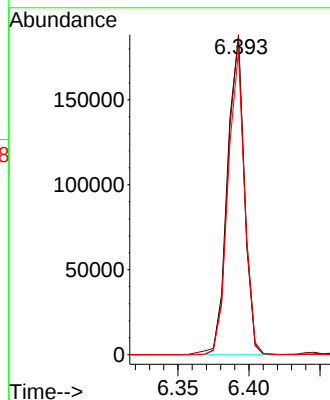
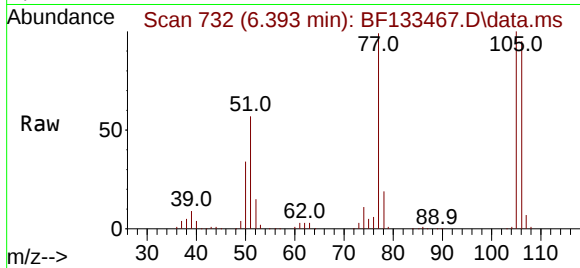
Tgt Ion: 77 Resp: 153543

Ion Ratio Lower Upper

77 100

105 100.6 76.6 116.6

106 95.4 71.7 111.7



#10

Phenol

Concen: 42.666 ng

RT: 6.481 min Scan# 747

Delta R.T. 0.000 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

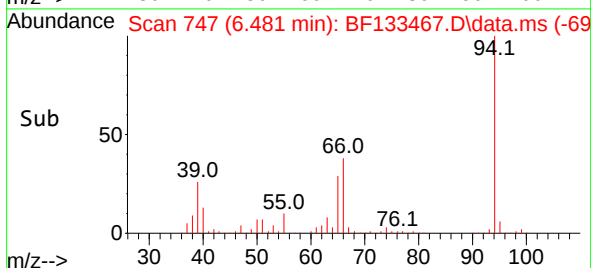
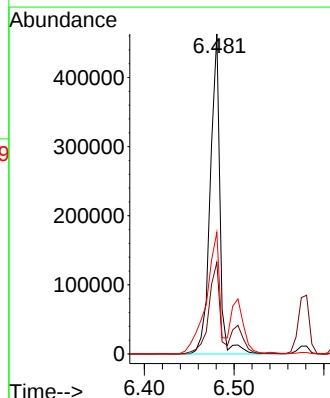
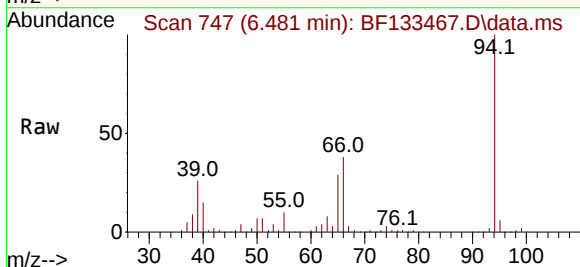
Tgt Ion: 94 Resp: 346388

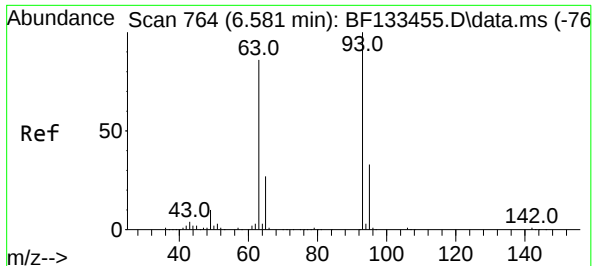
Ion Ratio Lower Upper

94 100

65 28.7 9.2 49.2

66 38.0 18.7 58.7

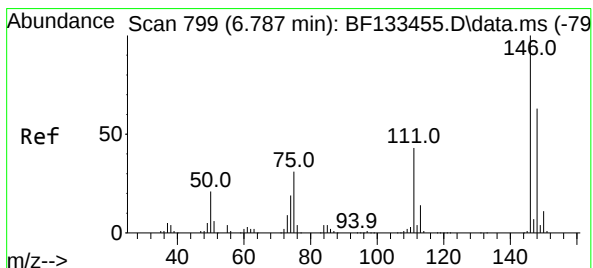
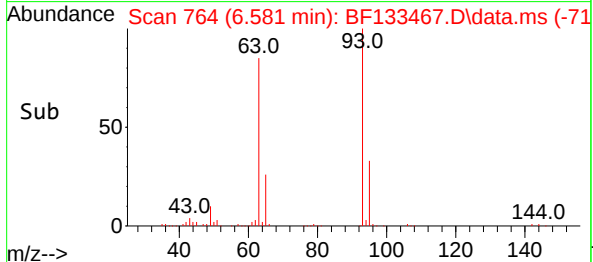
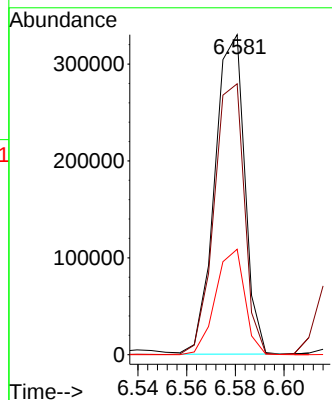
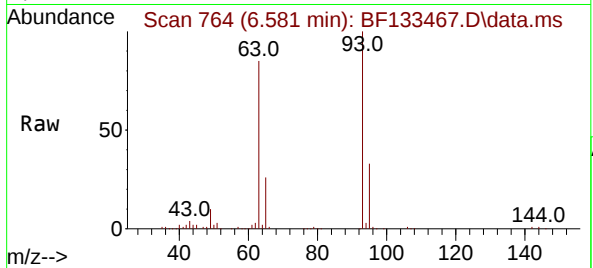




#11
bis(2-Chloroethyl)ether
Concen: 42.440 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

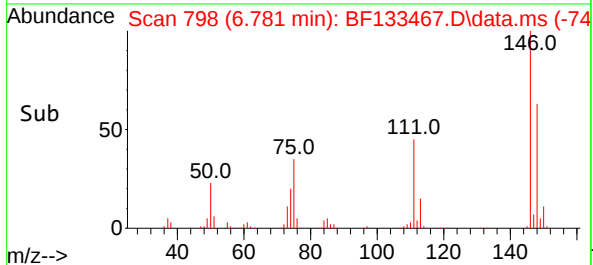
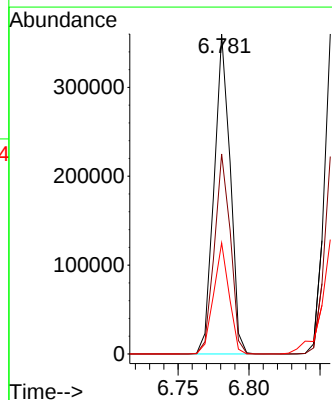
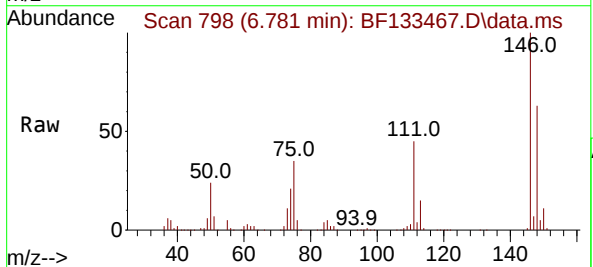
Instrument :
BNA_F
ClientSampleId :
290-328MS

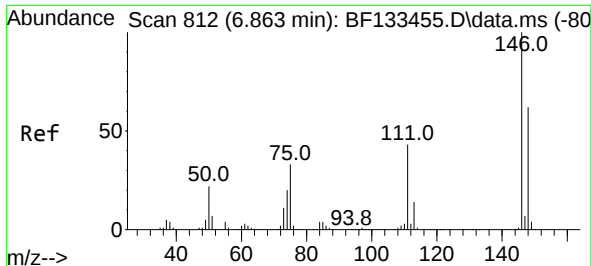
Tgt Ion: 93 Resp: 281223
Ion Ratio Lower Upper
93 100
63 84.6 66.2 106.2
95 33.0 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.442 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Tgt Ion:146 Resp: 282025
Ion Ratio Lower Upper
146 100
148 62.5 50.2 75.2
75 34.7 24.9 37.3

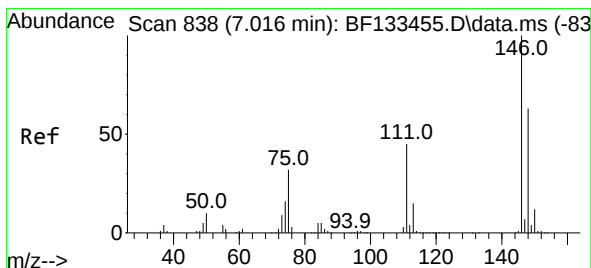
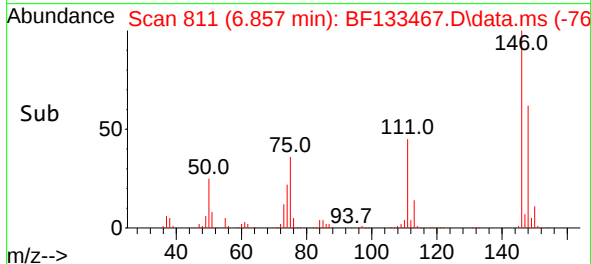
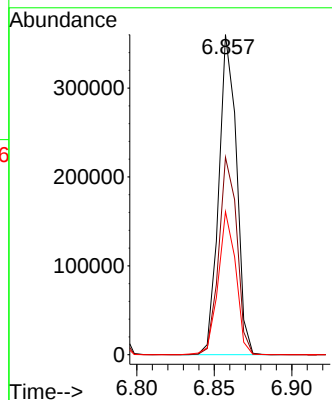
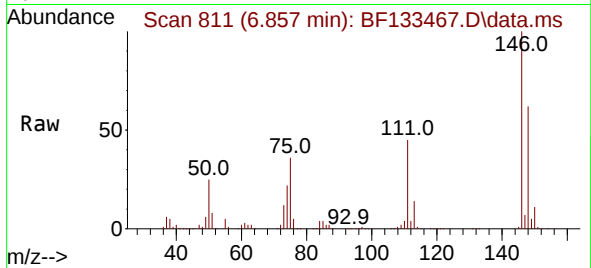




#13
1,4-Dichlorobenzene
Concen: 40.091 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

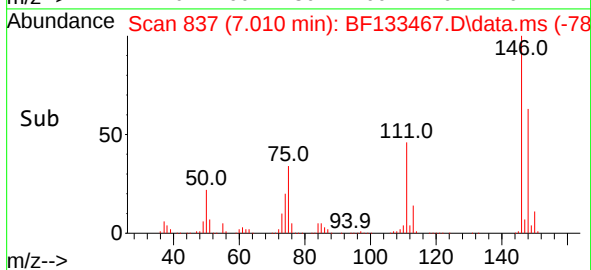
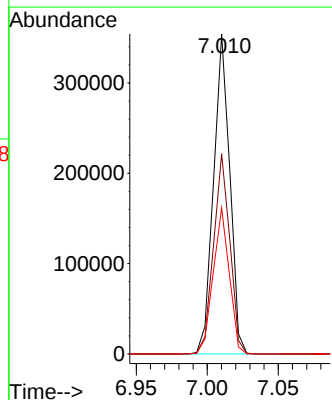
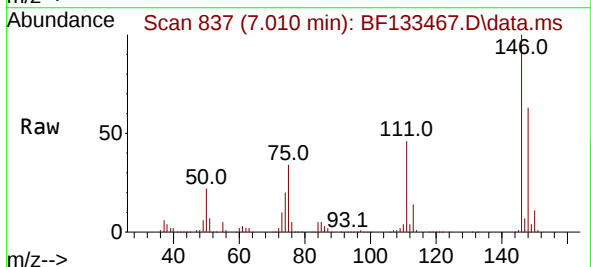
Instrument :
BNA_F
ClientSampleId :
290-328MS

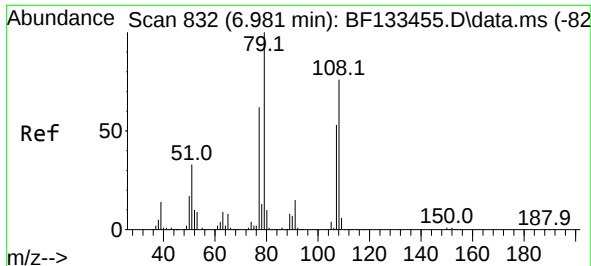
Tgt Ion:146 Resp: 287039
Ion Ratio Lower Upper
146 100
148 61.7 49.5 74.3
111 44.7 34.3 51.5



#14
1,2-Dichlorobenzene
Concen: 42.571 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Tgt Ion:146 Resp: 281474
Ion Ratio Lower Upper
146 100
148 62.5 50.4 75.6
111 45.7 36.3 54.5

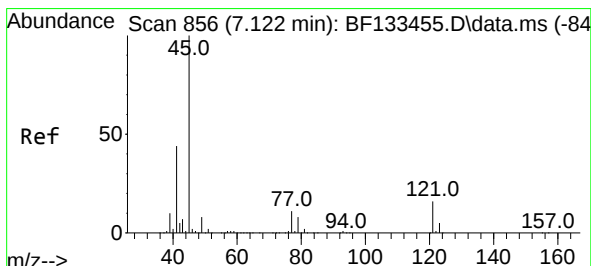
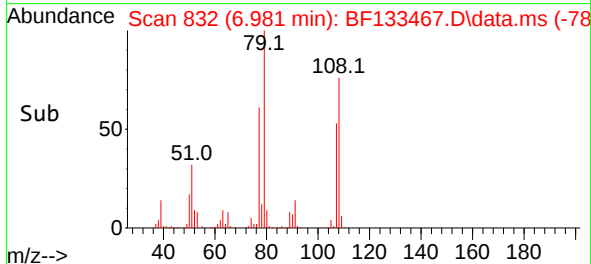
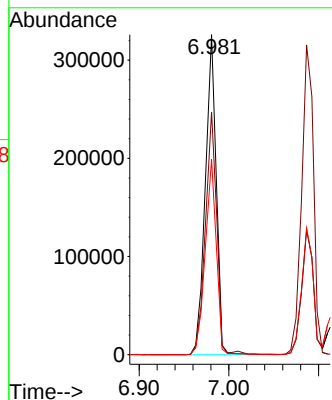
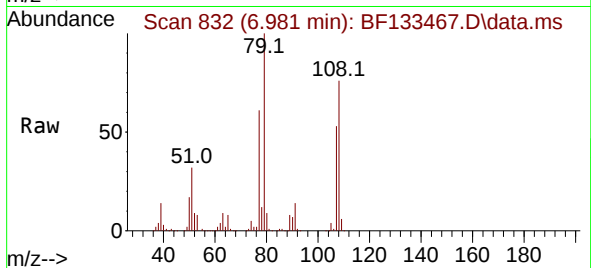




#15
Benzyl Alcohol
Concen: 45.958 ng
RT: 6.981 min Scan# 832
Delta R.T. 0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

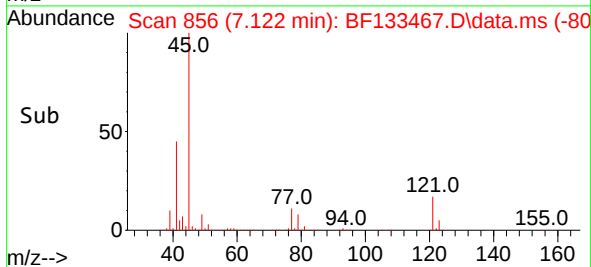
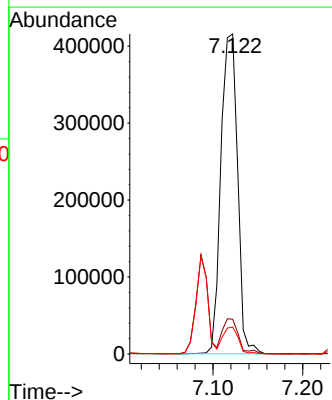
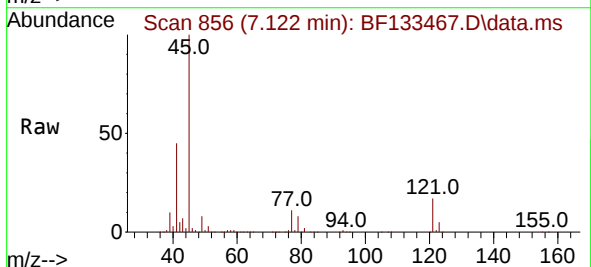
Instrument :
BNA_F
ClientSampleId :
290-328MS

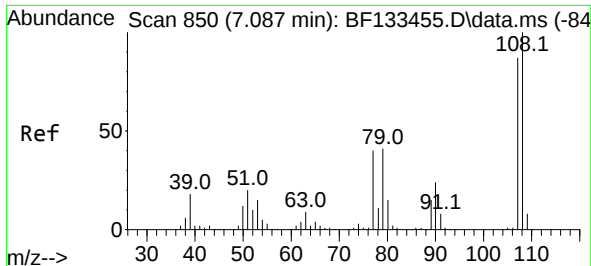
Tgt Ion: 79 Resp: 276111
Ion Ratio Lower Upper
79 100
108 75.8 60.5 90.7
77 61.1 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.756 ng
RT: 7.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Tgt Ion: 45 Resp: 536108
Ion Ratio Lower Upper
45 100
77 10.9 0.0 30.9
79 8.4 0.0 28.0

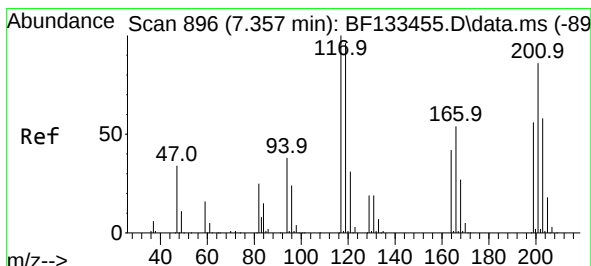
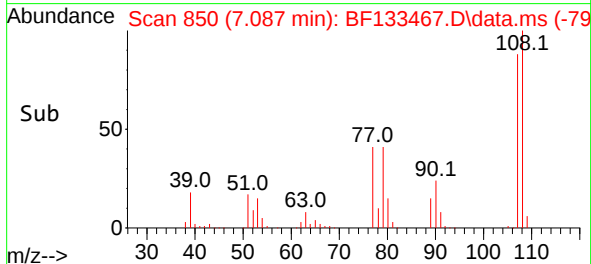
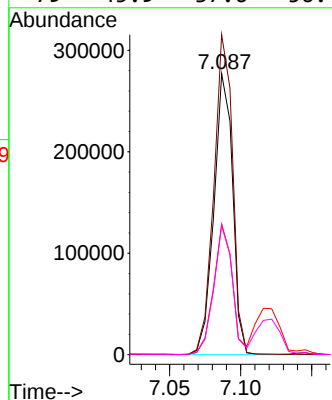
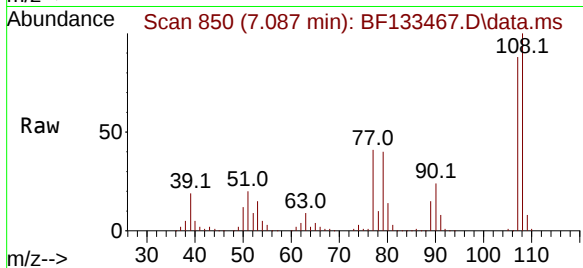




#17
2-Methylphenol
Concen: 42.551 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

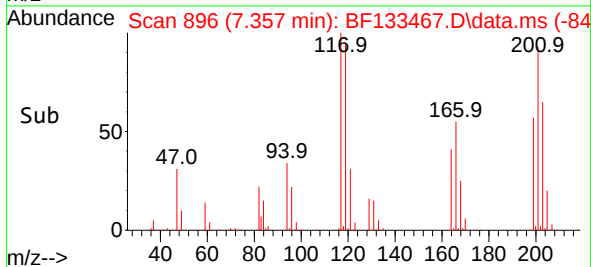
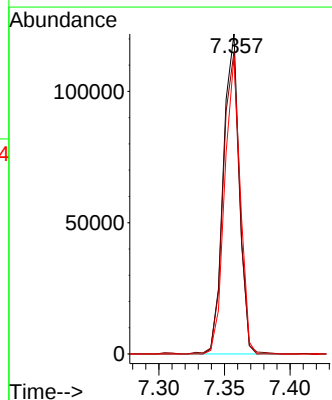
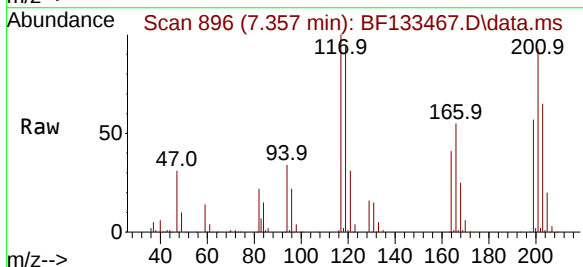
Instrument :
BNA_F
ClientSampleId :
290-328MS

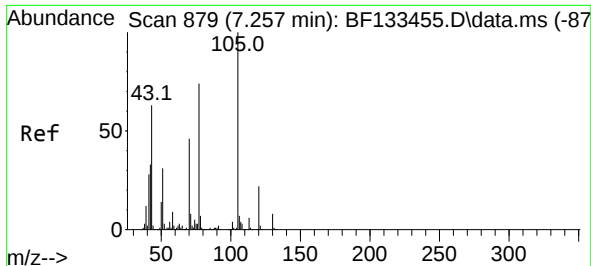
Tgt Ion:	107	Resp:	254177
Ion	Ratio	Lower	Upper
107	100		
108	113.9	92.2	138.4
77	46.6	37.2	55.8
79	45.9	37.6	56.4



#18
Hexachloroethane
Concen: 42.249 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Tgt Ion:	117	Resp:	103076
Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.5	114.7
201	92.9	68.6	103.0



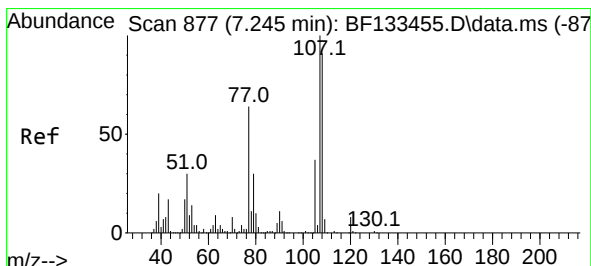
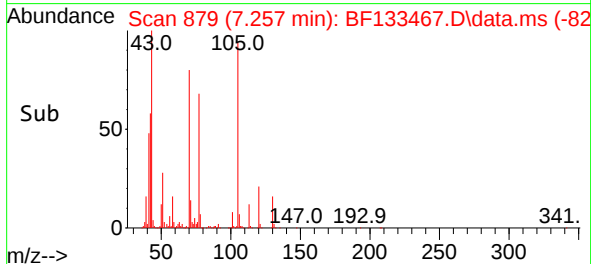
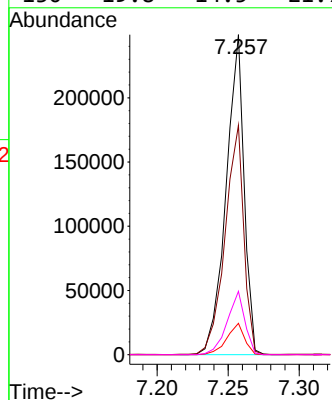
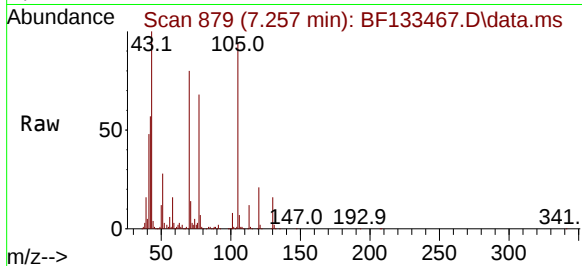


#19
n-Nitroso-di-n-propylamine
Concen: 44.137 ng
RT: 7.257 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Instrument :
BNA_F
ClientSampleId :
290-328MS

Tgt Ion: 70 Resp: 219303

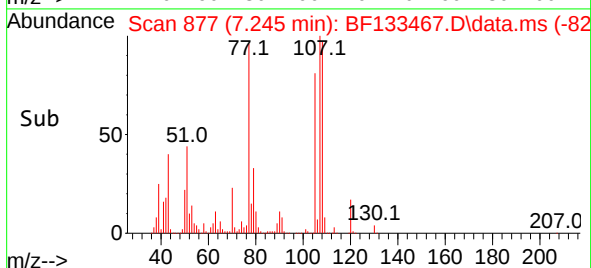
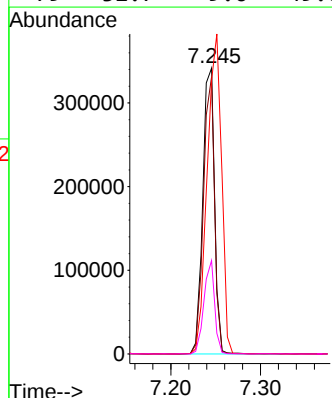
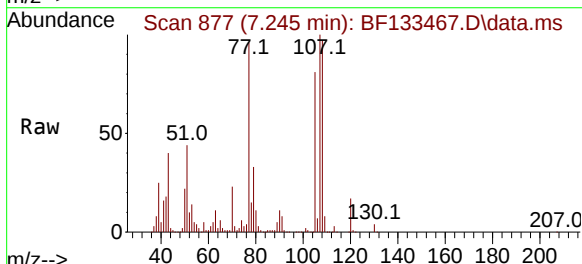
Ion	Ratio	Lower	Upper
70	100		
42	71.7	57.7	86.5
101	9.8	7.6	11.4
130	19.8	14.5	21.7

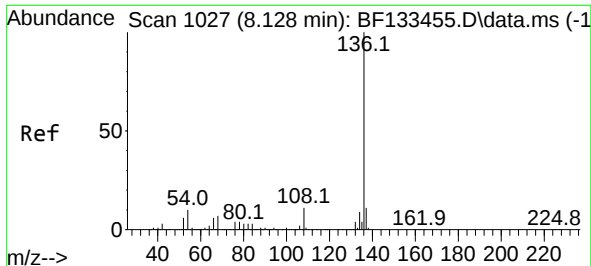


#20
3+4-Methylphenols
Concen: 43.152 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Tgt Ion: 107 Resp: 312008

Ion	Ratio	Lower	Upper
107	100		
108	96.9	71.5	111.5
77	95.6	44.0	84.0
79	32.7	9.6	49.6



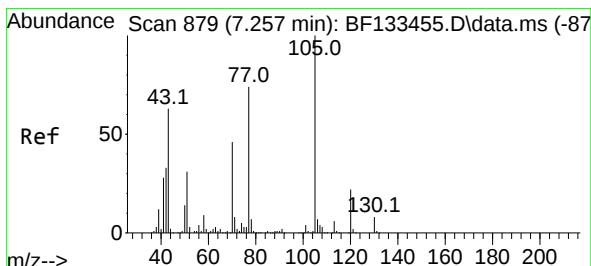
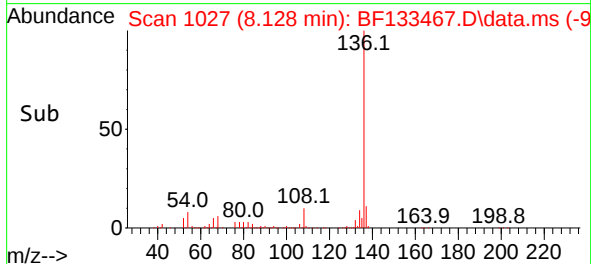
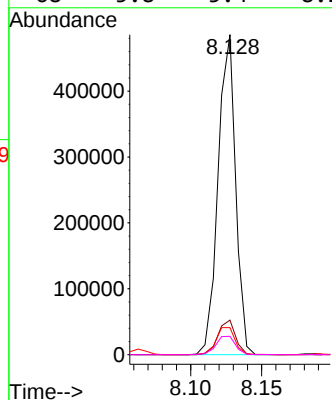
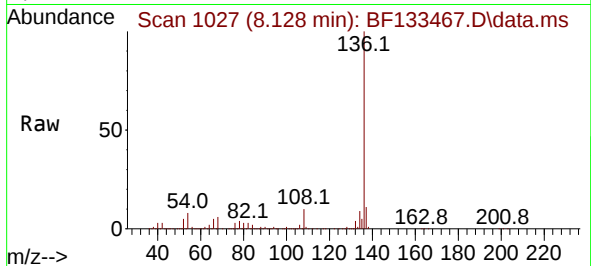


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Instrument :
BNA_F
ClientSampleId :
290-328MS

Tgt Ion:136 Resp: 416878

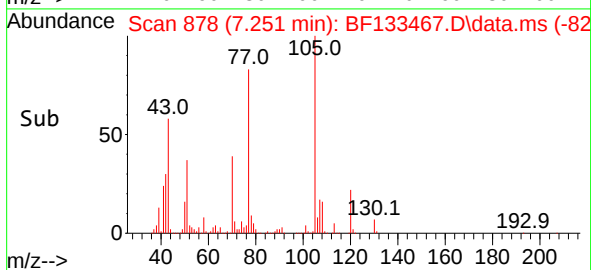
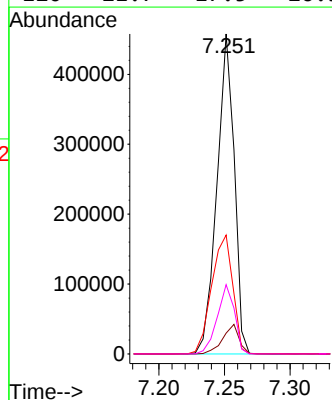
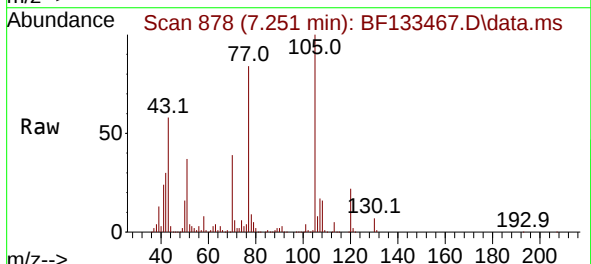
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.5	8.0	12.0
68	5.8	5.4	8.2

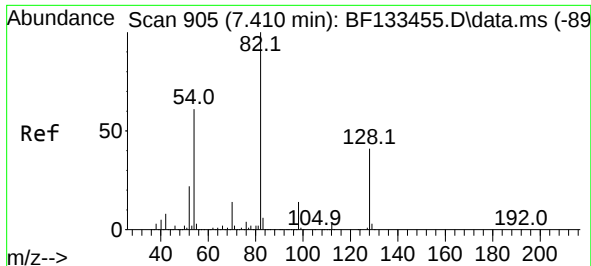


#22
Acetophenone
Concen: 42.938 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Tgt Ion:105 Resp: 420046

Ion	Ratio	Lower	Upper
105	100		
71	6.5	6.2	9.4
51	37.2	24.6	36.8
120	21.7	17.5	26.3





#23

Nitrobenzene-d5

Concen: 103.683 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

290-328MS

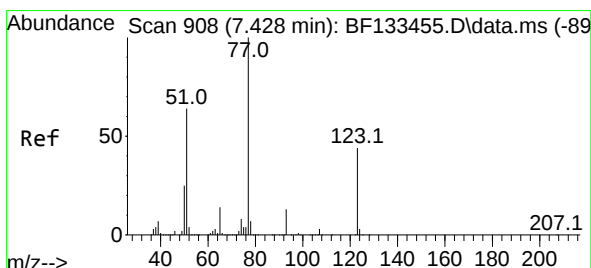
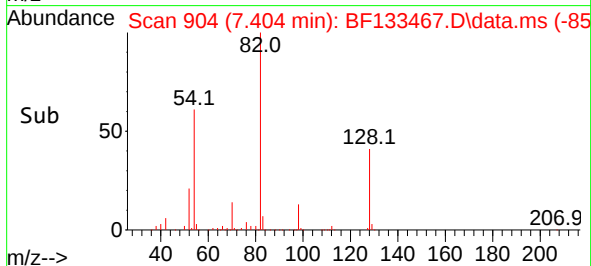
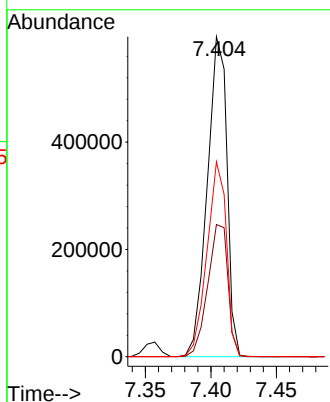
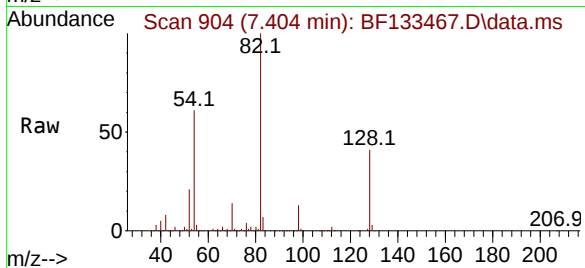
Tgt Ion: 82 Resp: 625194

Ion Ratio Lower Upper

82 100

128 41.3 33.0 49.6

54 60.9 48.5 72.7



#24

Nitrobenzene

Concen: 48.232 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

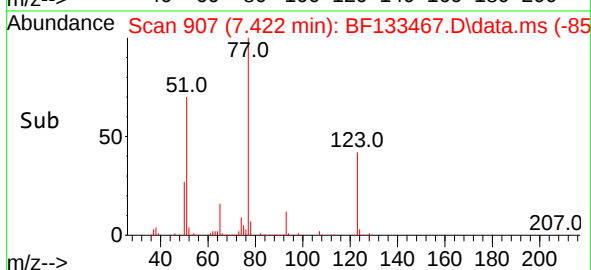
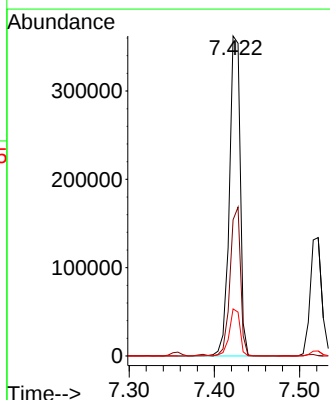
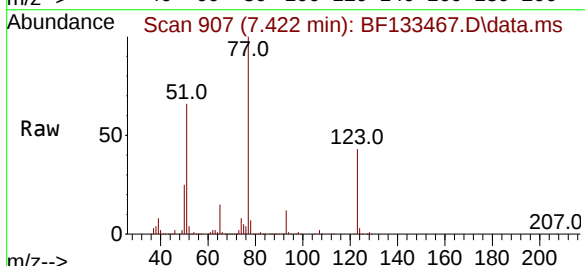
Tgt Ion: 77 Resp: 321496

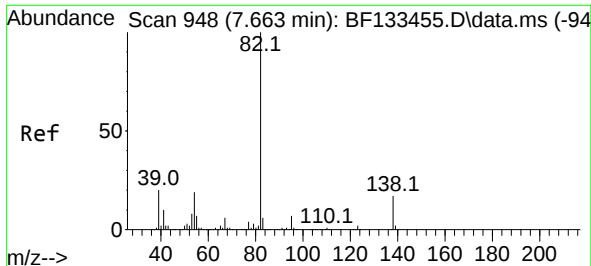
Ion Ratio Lower Upper

77 100

123 42.6 35.3 52.9

65 14.7 11.5 17.3

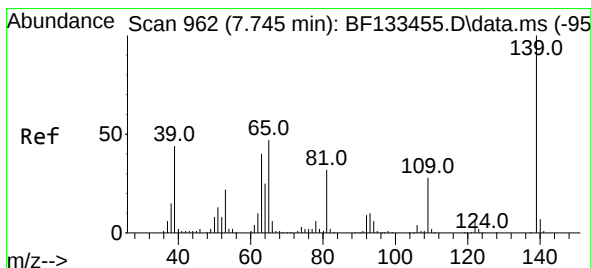
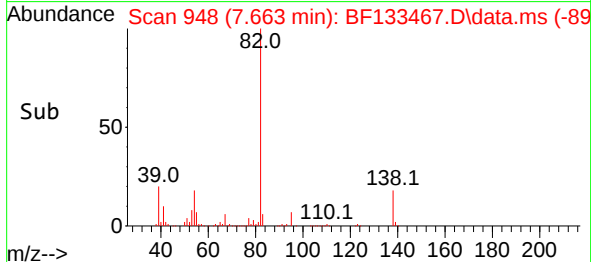
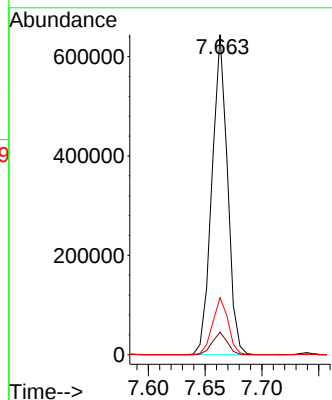
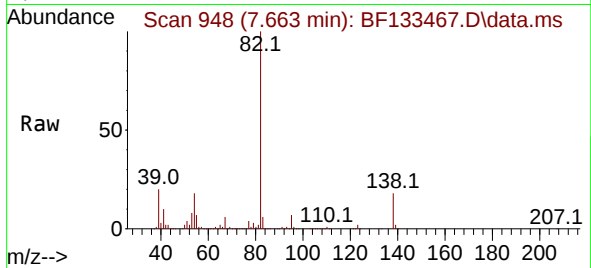




#25
Isophorone
Concen: 43.064 ng
RT: 7.663 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

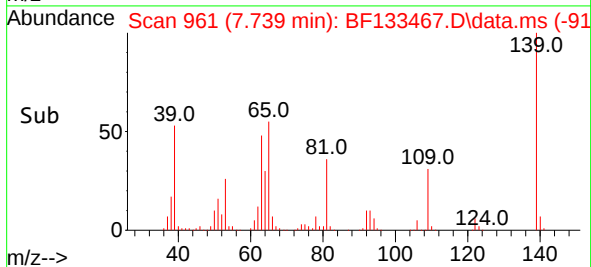
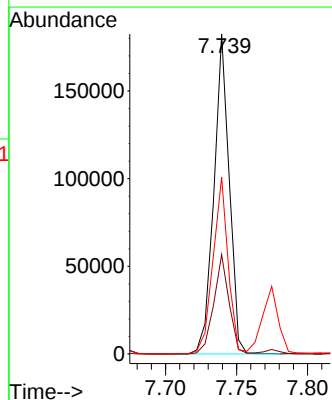
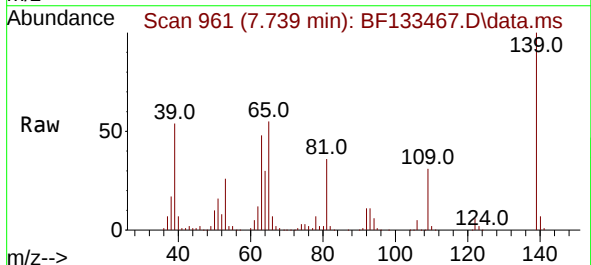
Instrument :
BNA_F
ClientSampleId :
290-328MS

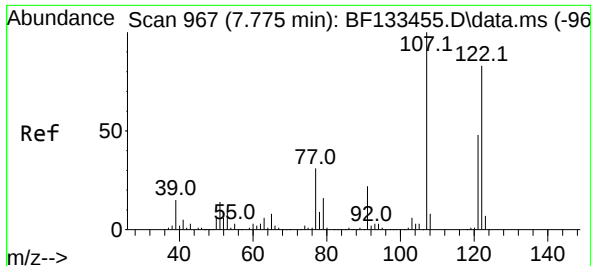
Tgt Ion: 82 Resp: 611019
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 17.8 13.5 20.3



#26
2-Nitrophenol
Concen: 49.549 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Tgt Ion:139 Resp: 137425
Ion Ratio Lower Upper
139 100
109 31.1 22.3 33.5
65 55.3 37.6 56.4

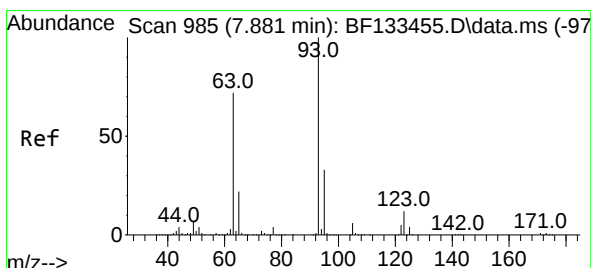
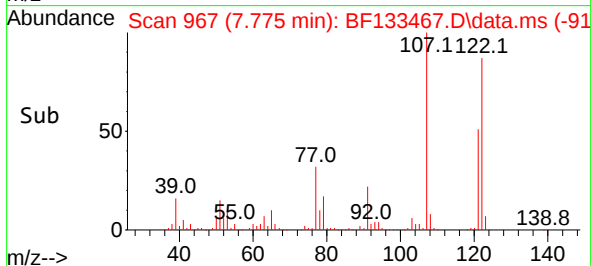
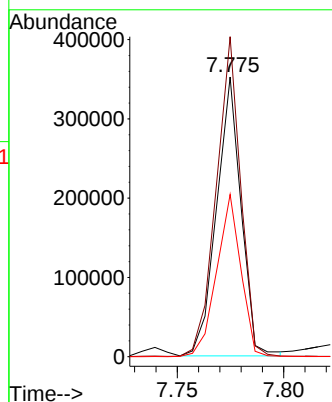
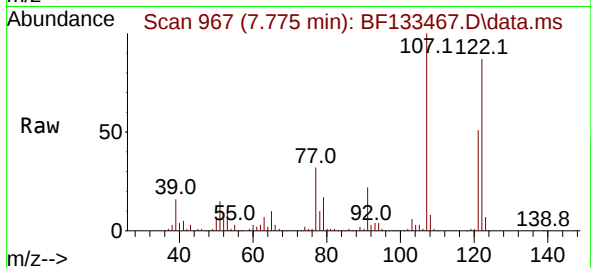




#27
2,4-Dimethylphenol
Concen: 46.380 ng
RT: 7.775 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

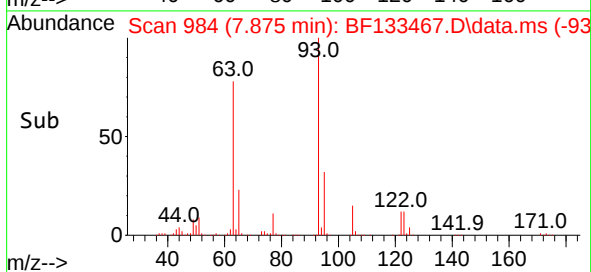
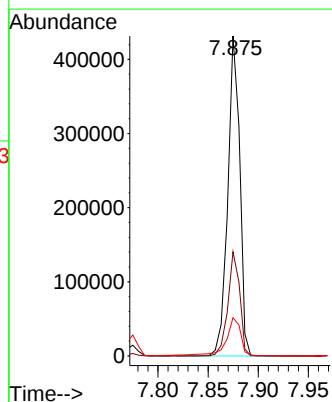
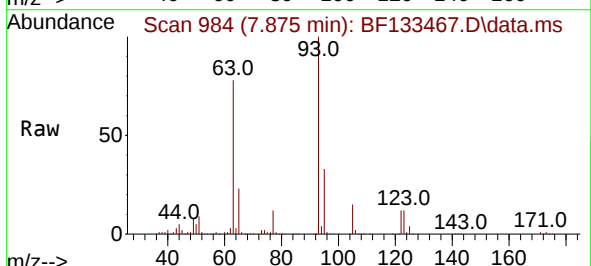
Instrument :
BNA_F
ClientSampleId :
290-328MS

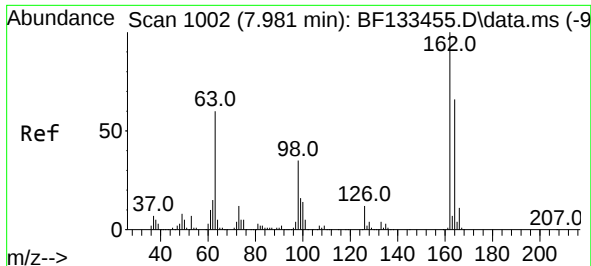
Tgt Ion:122 Resp: 281261
Ion Ratio Lower Upper
122 100
107 114.4 95.7 143.5
121 58.0 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 42.579 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Tgt Ion: 93 Resp: 356917
Ion Ratio Lower Upper
93 100
95 32.6 26.3 39.5
123 12.0 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 45.831 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

290-328MS

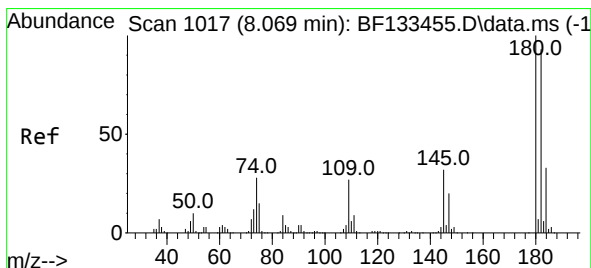
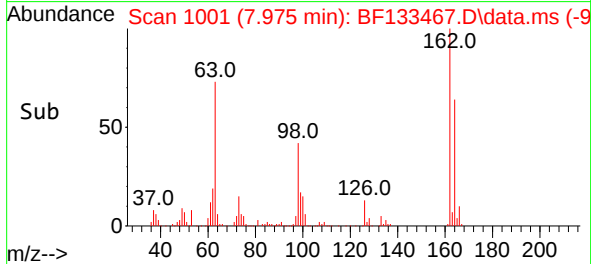
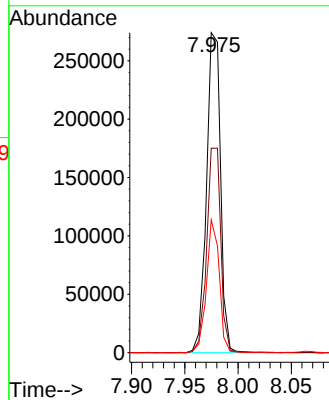
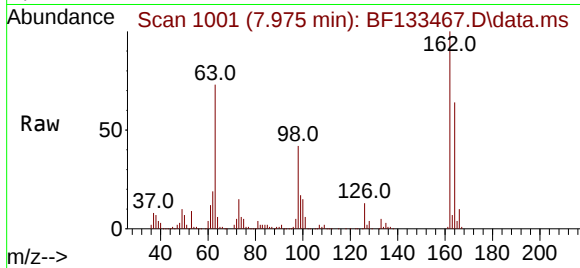
Tgt Ion:162 Resp: 252018

Ion Ratio Lower Upper

162 100

164 63.9 46.0 86.0

98 41.5 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 40.935 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

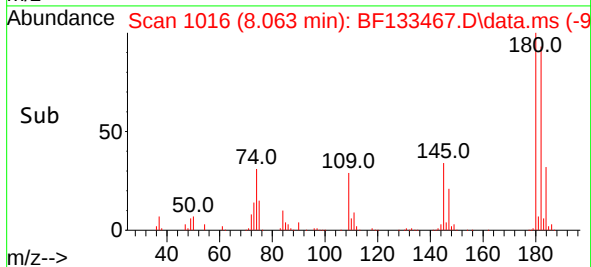
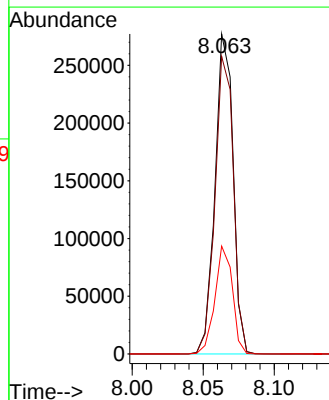
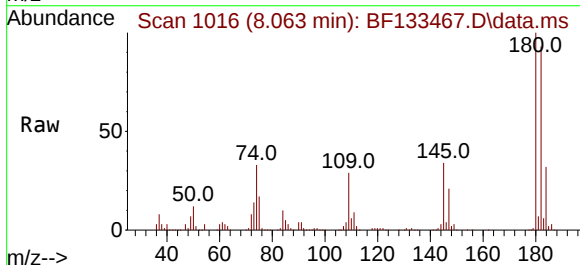
Tgt Ion:180 Resp: 244781

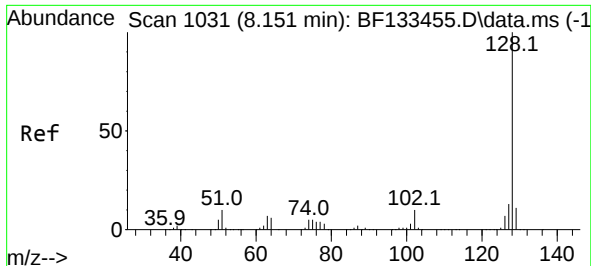
Ion Ratio Lower Upper

180 100

182 93.0 74.5 111.7

145 33.7 25.8 38.8

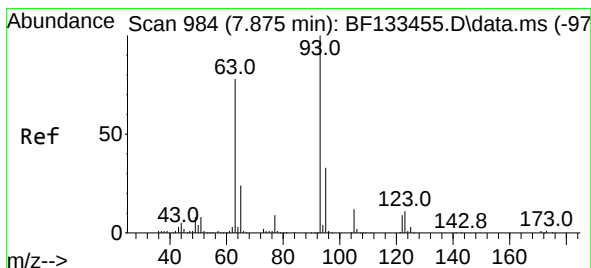
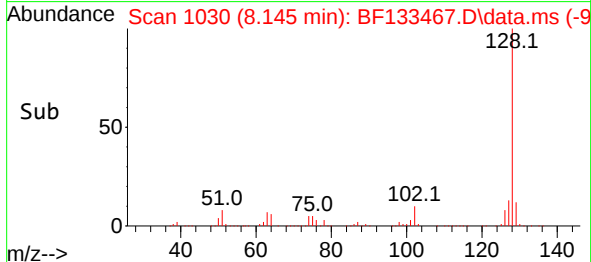
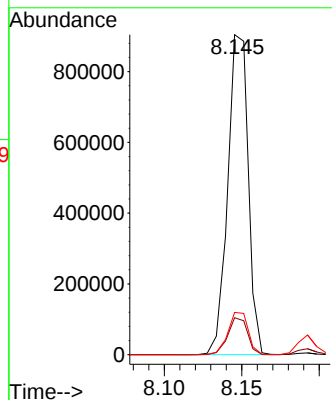
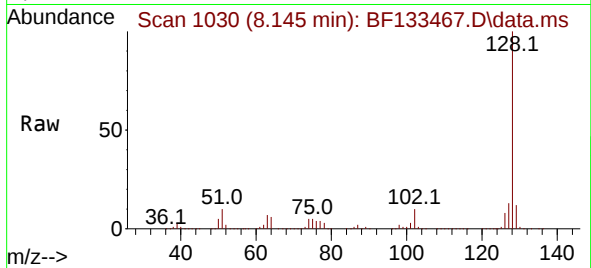




#31
Naphthalene
Concen: 40.696 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

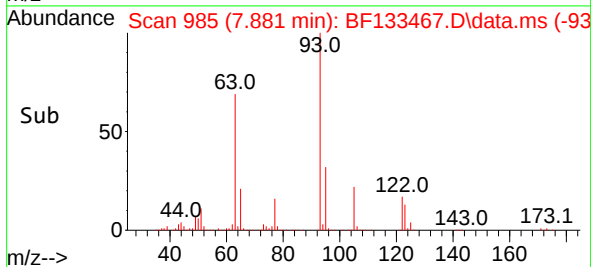
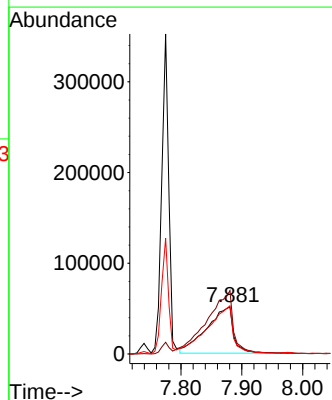
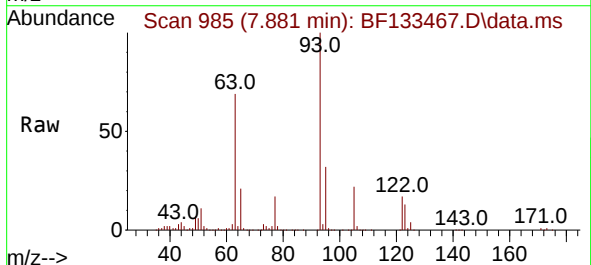
Instrument :
BNA_F
ClientSampleId :
290-328MS

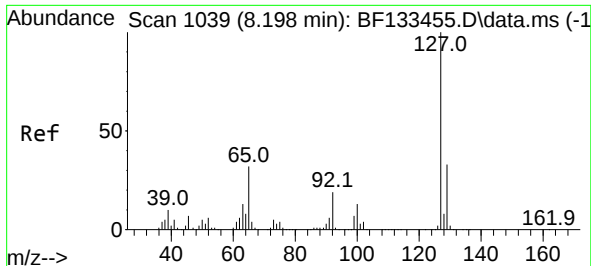
Tgt Ion:128 Resp: 833327
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 50.367 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.006 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Tgt Ion:122 Resp: 156386
Ion Ratio Lower Upper
122 100
105 135.0 111.2 151.2
77 102.8 82.0 122.0

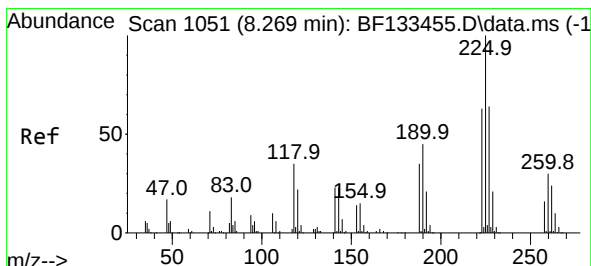
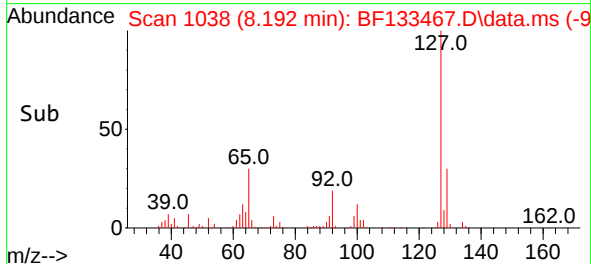
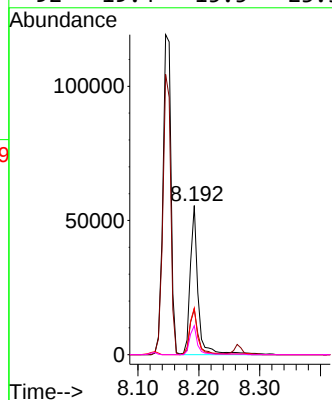
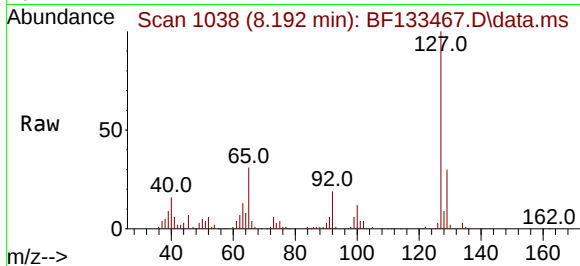




#33
4-Chloroaniline
Concen: 5.852 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

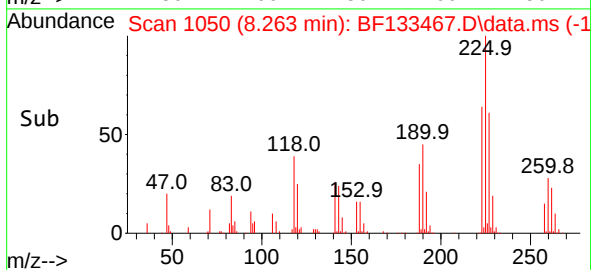
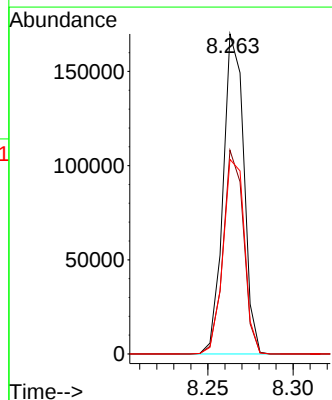
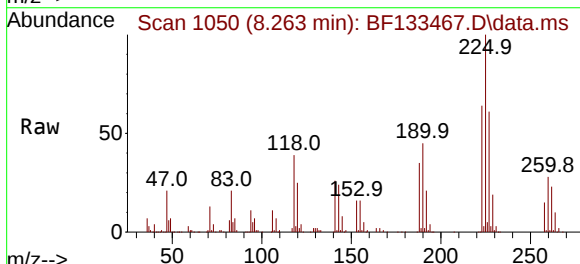
Instrument :
BNA_F
ClientSampleId :
290-328MS

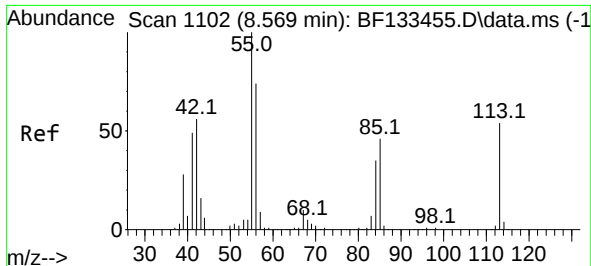
Tgt Ion:	127	Resp:	50205
Ion	Ratio	Lower	Upper
127	100		
129	30.4	26.1	39.1
65	31.2	25.9	38.9
92	19.4	15.5	23.3



#34
Hexachlorobutadiene
Concen: 39.339 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Tgt Ion:	225	Resp:	142967
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.7	76.1
227	60.8	51.0	76.4

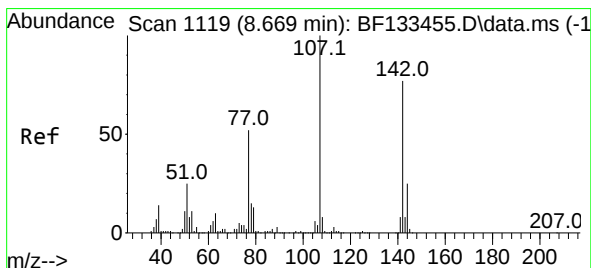
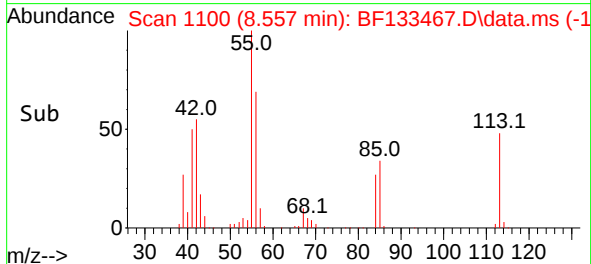
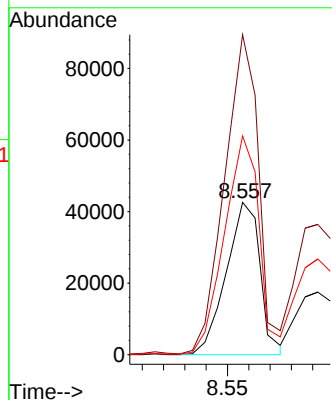
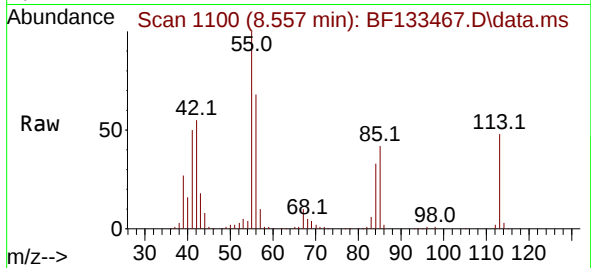




#35
 Caprolactam
 Concen: 28.161 ng
 RT: 8.557 min Scan# 1100
 Delta R.T. -0.012 min
 Lab File: BF133467.D
 Acq: 24 May 2023 13:18

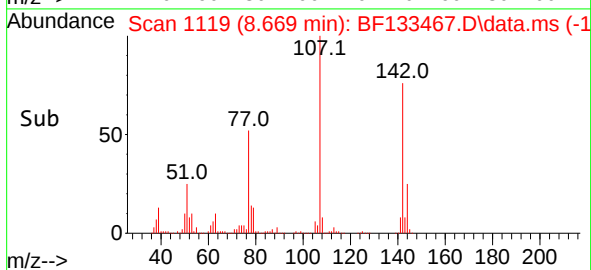
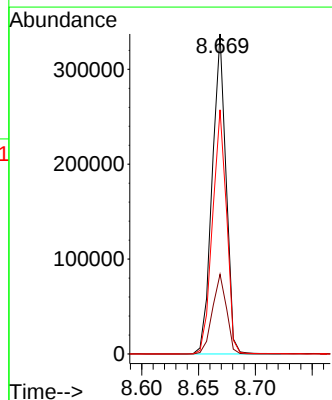
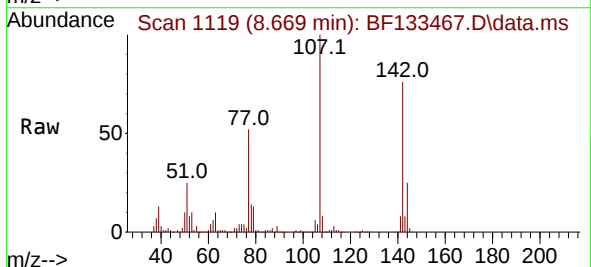
Instrument :
 BNA_F
 ClientSampleId :
 290-328MS

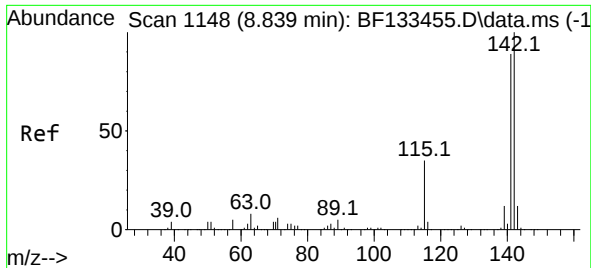
Tgt Ion:113 Resp: 47033
 Ion Ratio Lower Upper
 113 100
 55 210.2 164.2 204.2#
 56 143.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 47.959 ng
 RT: 8.669 min Scan# 1119
 Delta R.T. 0.000 min
 Lab File: BF133467.D
 Acq: 24 May 2023 13:18

Tgt Ion:107 Resp: 285369
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.8 29.6
 142 76.3 61.7 92.5





#37

2-Methylnaphthalene

Concen: 41.160 ng

RT: 8.839 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

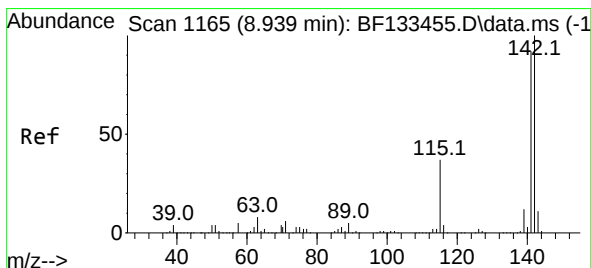
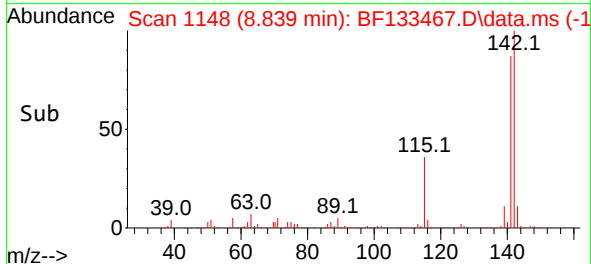
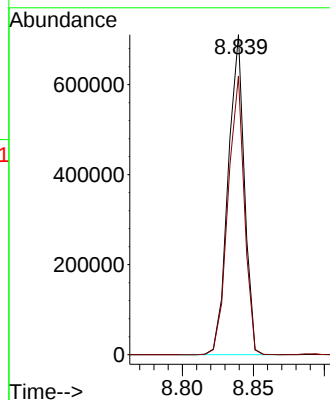
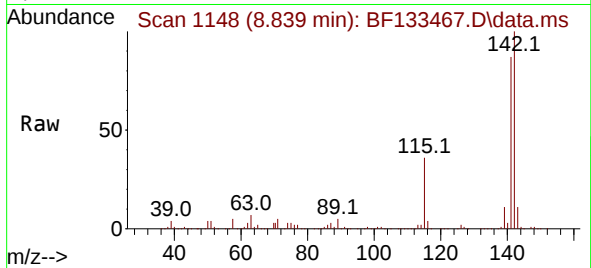
290-328MS

Tgt Ion:142 Resp: 565031

Ion Ratio Lower Upper

142 100

141 87.1 70.9 106.3



#38

1-Methylnaphthalene

Concen: 41.543 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF133467.D

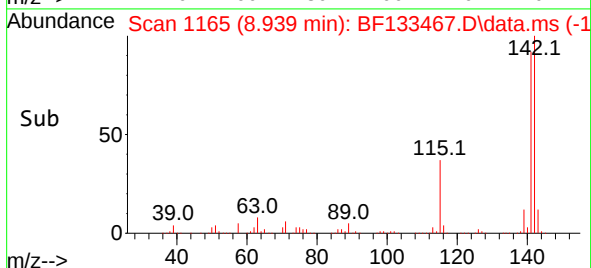
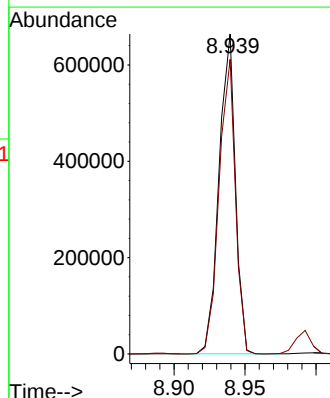
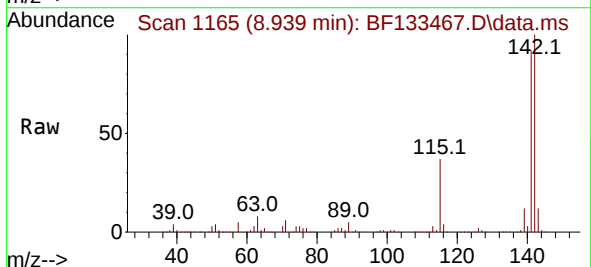
Acq: 24 May 2023 13:18

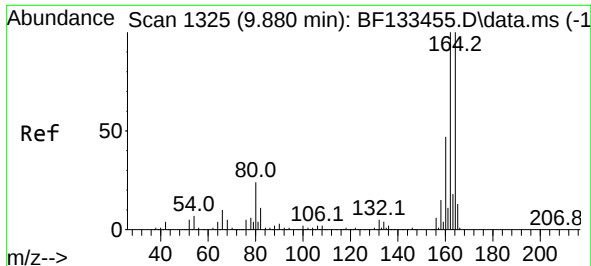
Tgt Ion:142 Resp: 531388

Ion Ratio Lower Upper

142 100

141 92.1 73.3 109.9

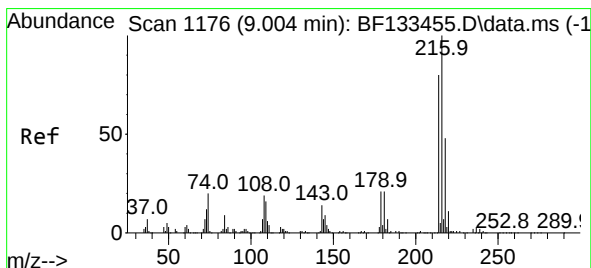
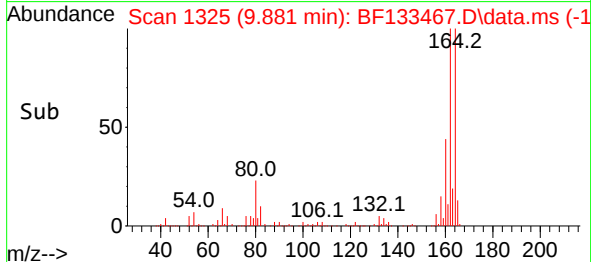
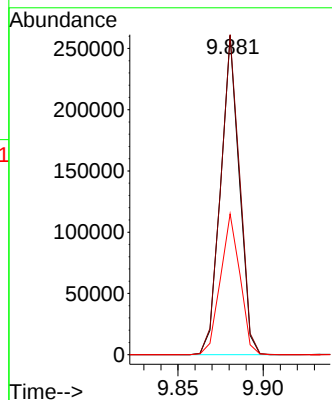
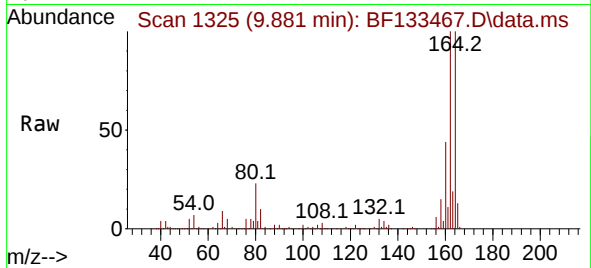




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1175
Delta R.T. 0.001 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

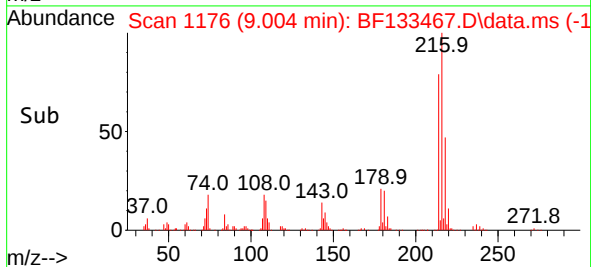
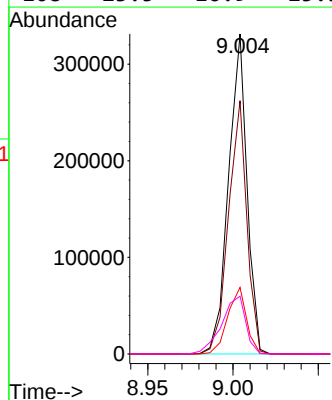
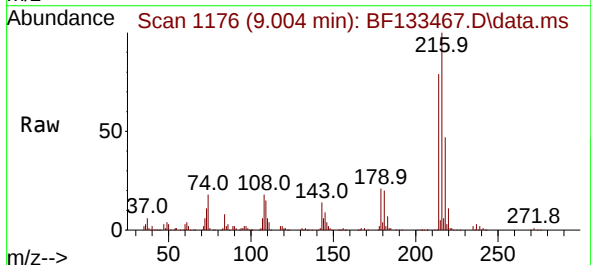
Instrument :
BNA_F
ClientSampleId :
290-328MS

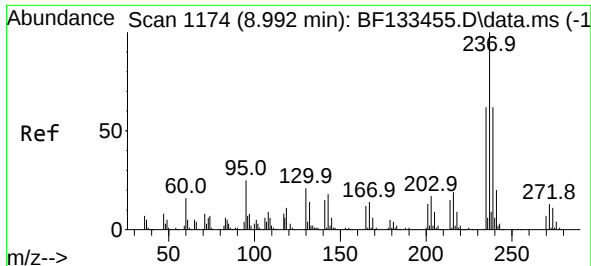
Tgt Ion:164 Resp: 199130
Ion Ratio Lower Upper
164 100
162 100.3 79.8 119.6
160 44.2 37.4 56.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.302 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Tgt Ion:216 Resp: 249963
Ion Ratio Lower Upper
216 100
214 78.6 64.1 96.1
179 21.1 17.4 26.2
108 23.5 16.9 25.3

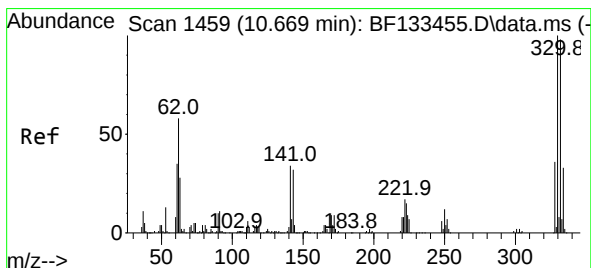
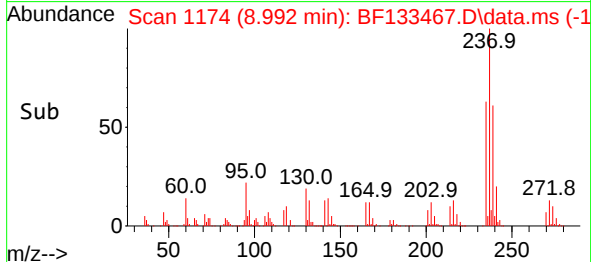
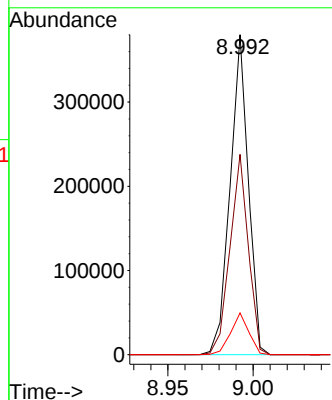
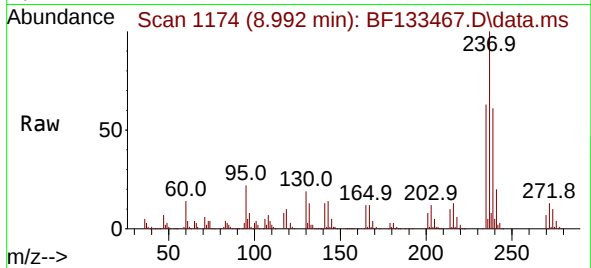




#41
Hexachlorocyclopentadiene
Concen: 98.212 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

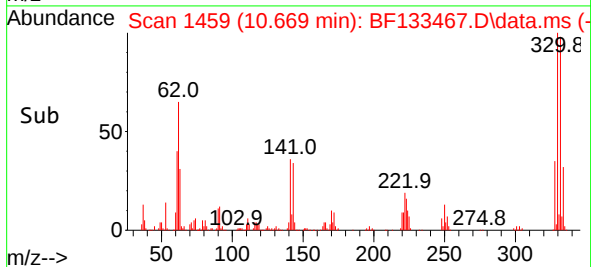
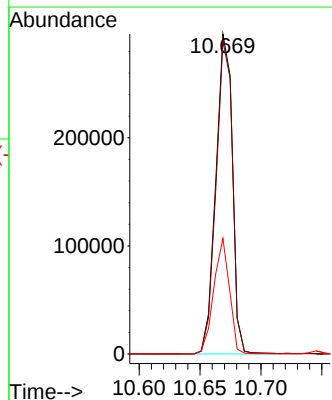
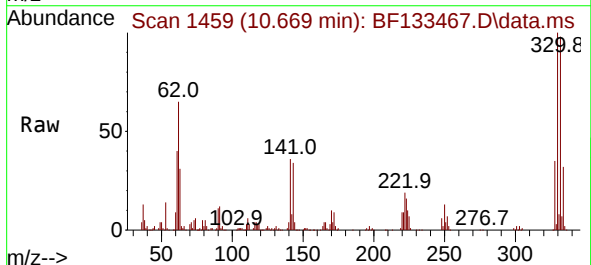
Instrument :
BNA_F
ClientSampleId :
290-328MS

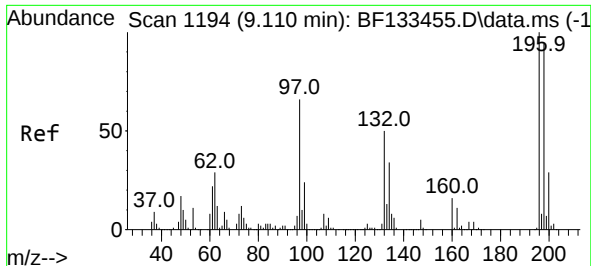
Tgt Ion:237 Resp: 283482
Ion Ratio Lower Upper
237 100
235 62.6 42.0 82.0
272 13.0 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 151.962 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Tgt Ion:330 Resp: 279530
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 34.2 28.5 42.7





#43

2,4,6-Trichlorophenol

Concen: 48.291 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

290-328MS

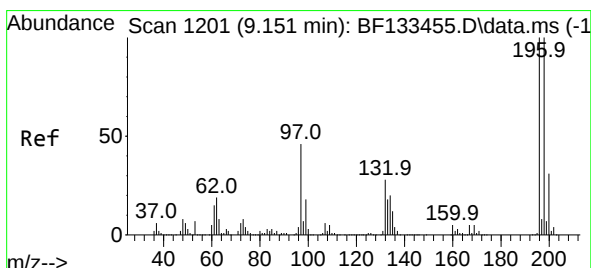
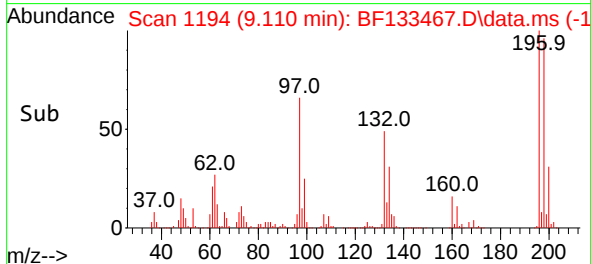
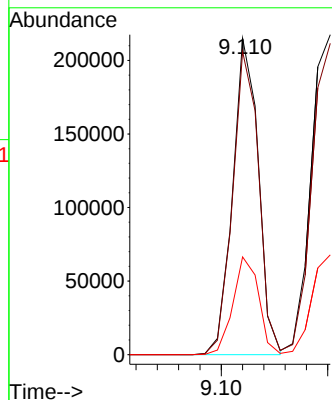
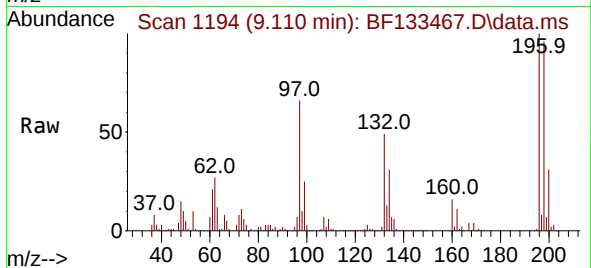
Tgt Ion:196 Resp: 179472

Ion Ratio Lower Upper

196 100

198 95.8 75.4 113.0

200 30.9 23.3 34.9



#44

2,4,5-Trichlorophenol

Concen: 45.728 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

Tgt Ion:196 Resp: 196562

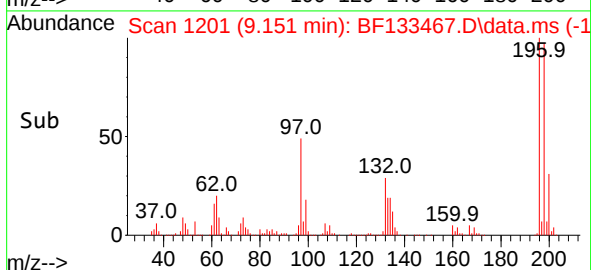
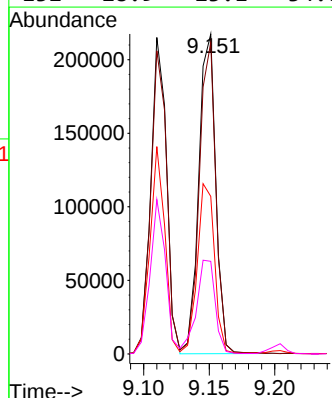
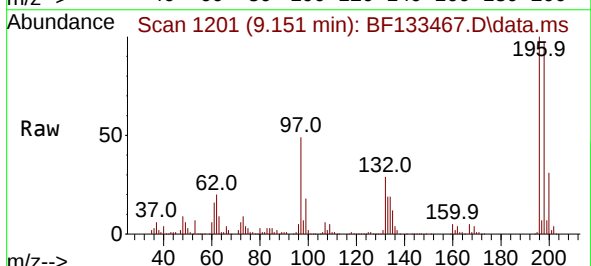
Ion Ratio Lower Upper

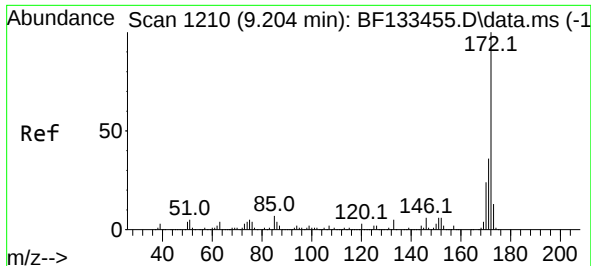
196 100

198 97.3 79.3 118.9

97 49.3 37.9 56.9

132 28.9 23.1 34.7

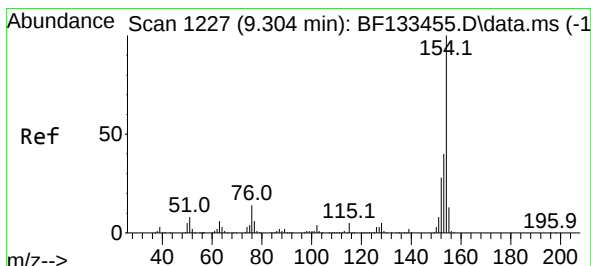
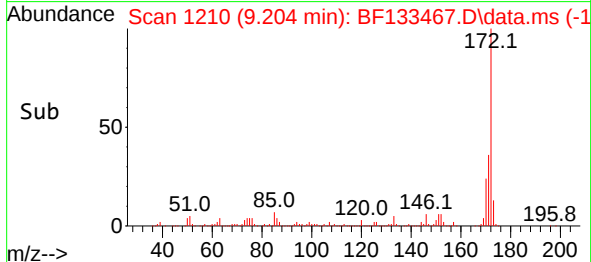
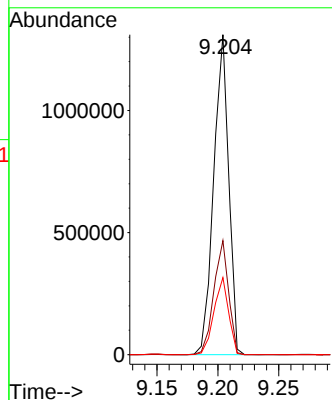
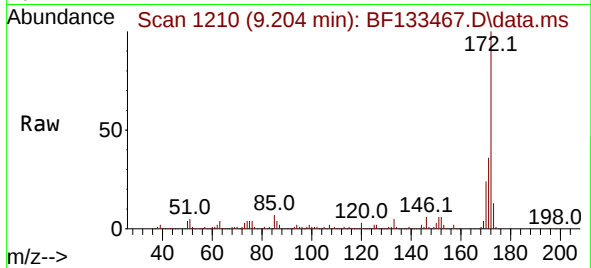




#45
2-Fluorobiphenyl
Concen: 78.998 ng
RT: 9.204 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

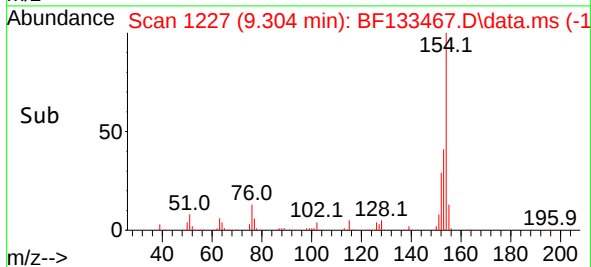
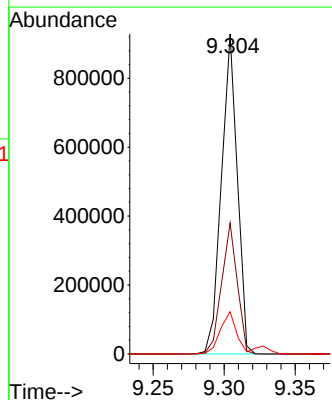
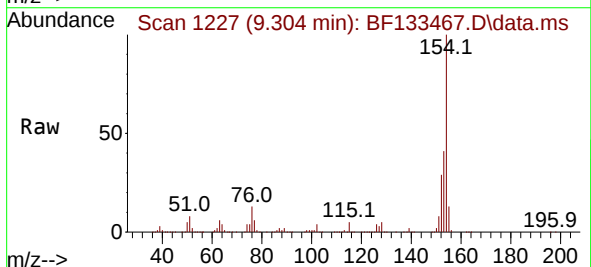
Instrument :
BNA_F
ClientSampleId :
290-328MS

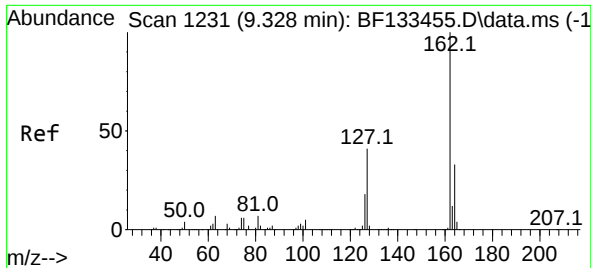
Tgt Ion:172 Resp: 1118104
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 24.1 19.0 28.4



#46
1,1'-Biphenyl
Concen: 43.124 ng
RT: 9.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Tgt Ion:154 Resp: 720238
Ion Ratio Lower Upper
154 100
153 40.9 19.8 59.8
76 13.2 0.0 33.8

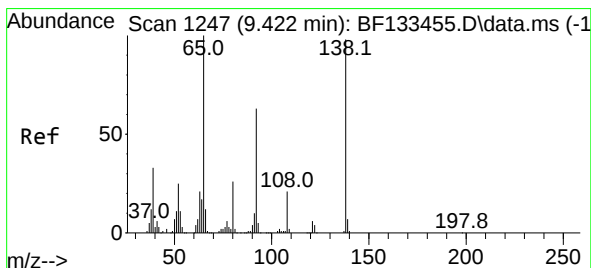
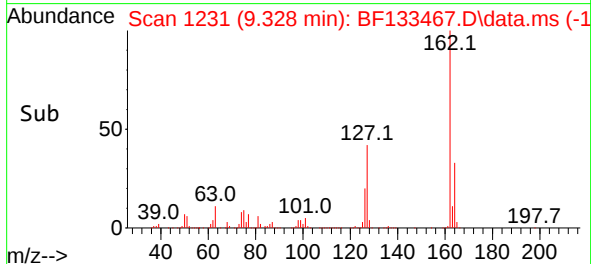
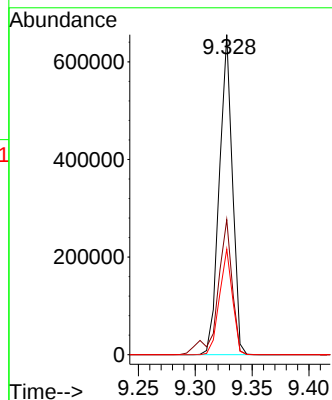
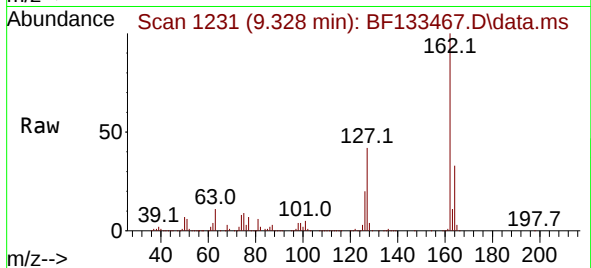




#47
2-Chloronaphthalene
Concen: 43.967 ng
RT: 9.328 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

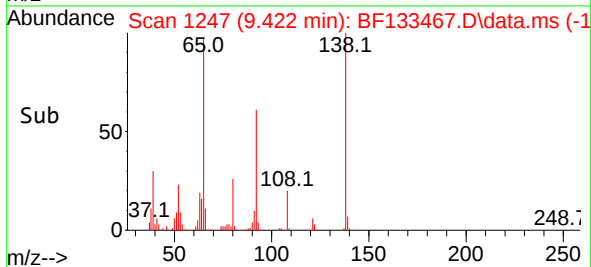
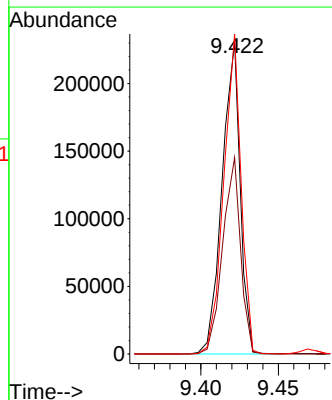
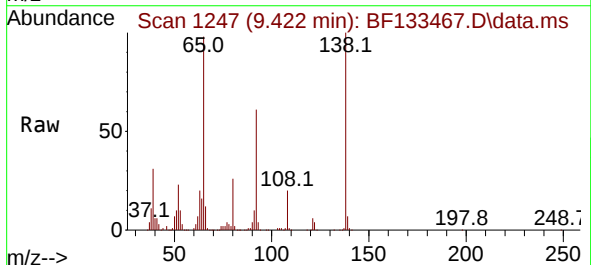
Instrument :
BNA_F
ClientSampleId :
290-328MS

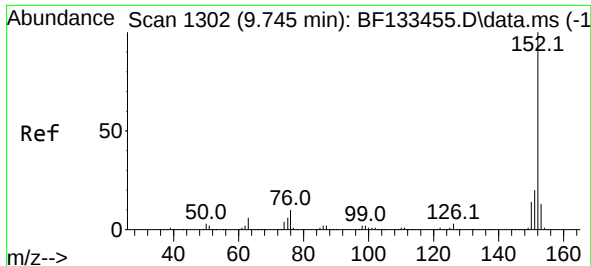
Tgt Ion:162 Resp: 526770
Ion Ratio Lower Upper
162 100
127 42.2 34.6 51.8
164 33.0 26.2 39.4



#48
2-Nitroaniline
Concen: 52.528 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Tgt Ion: 65 Resp: 187096
Ion Ratio Lower Upper
65 100
92 62.9 50.1 75.1
138 102.5 78.6 118.0





#49

Acenaphthylene

Concen: 44.669 ng

RT: 9.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

290-328MS

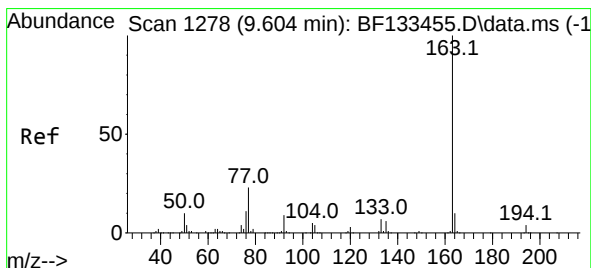
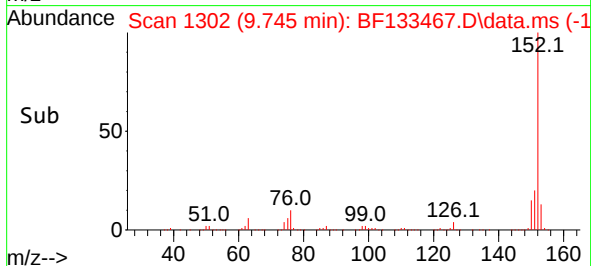
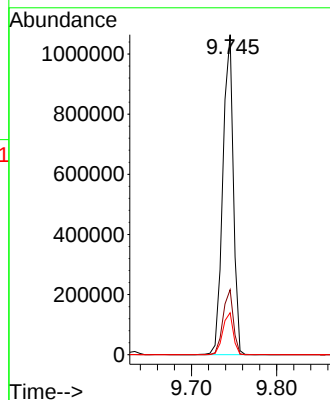
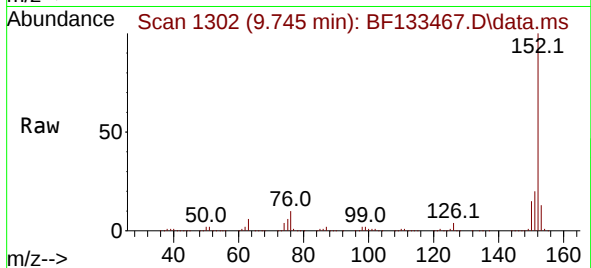
Tgt Ion:152 Resp: 909146

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 47.069 ng

RT: 9.604 min Scan# 1278

Delta R.T. 0.000 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

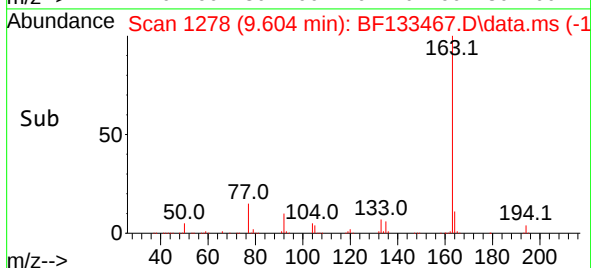
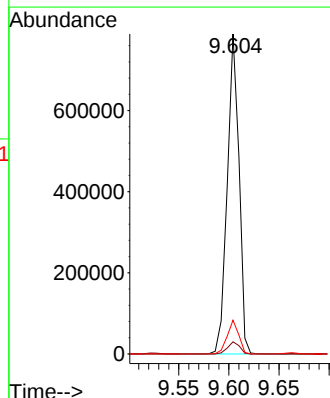
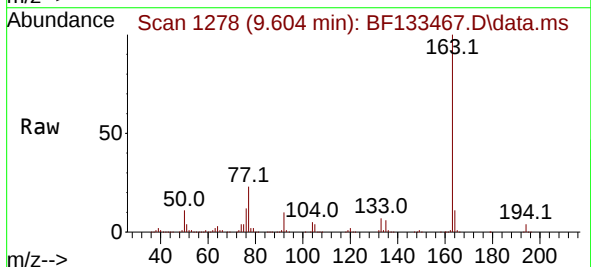
Tgt Ion:163 Resp: 639904

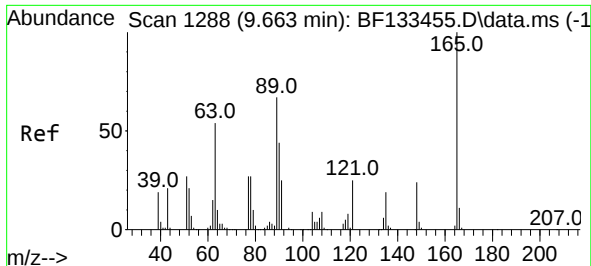
Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

164 10.5 8.3 12.5

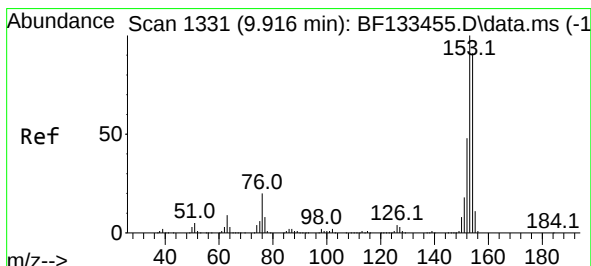
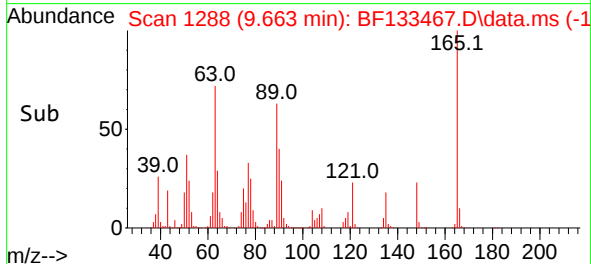
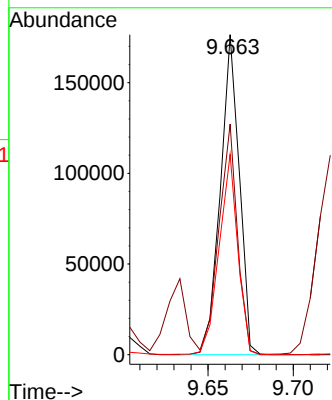
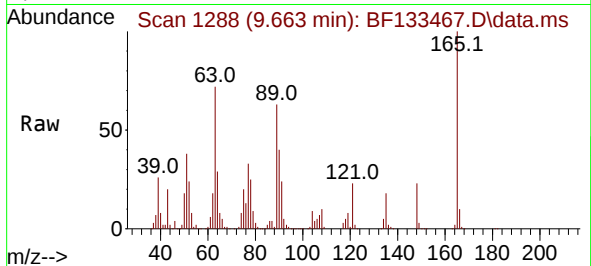




#51
2,6-Dinitrotoluene
Concen: 52.613 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

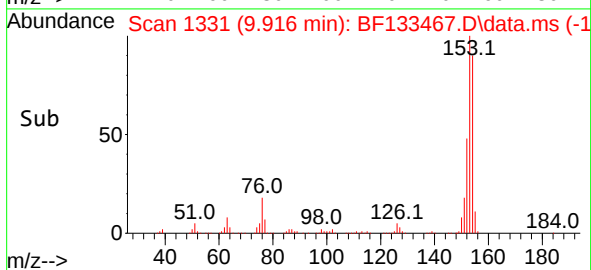
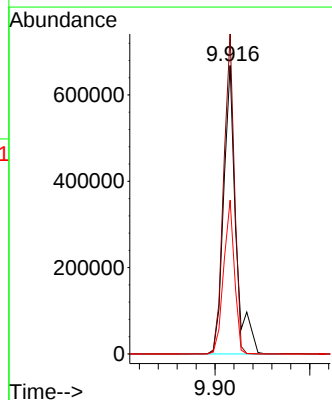
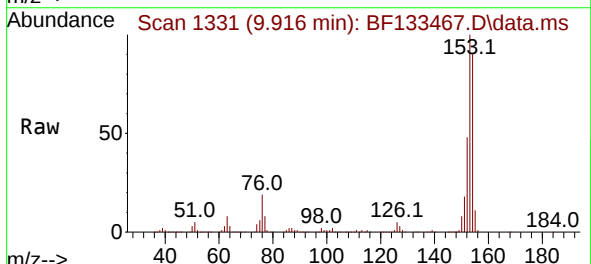
Instrument :
BNA_F
ClientSampleId :
290-328MS

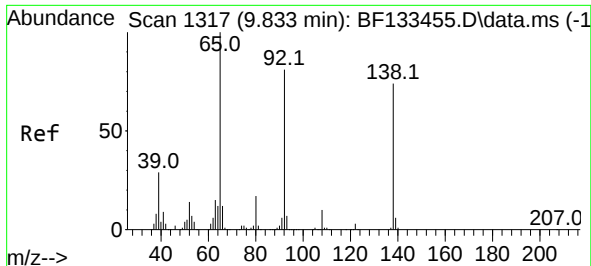
Tgt Ion:165 Resp: 136354
Ion Ratio Lower Upper
165 100
63 72.0 61.0 91.4
89 62.6 53.5 80.3



#52
Acenaphthene
Concen: 49.046 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Tgt Ion:154 Resp: 599390
Ion Ratio Lower Upper
154 100
153 110.9 87.6 131.4
152 53.3 41.8 62.8

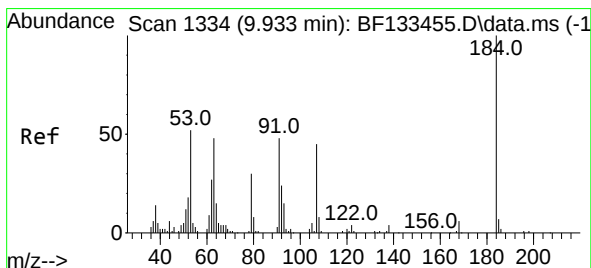
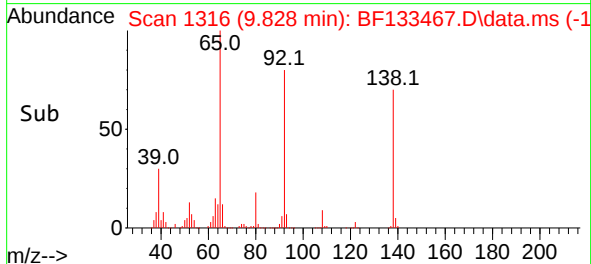
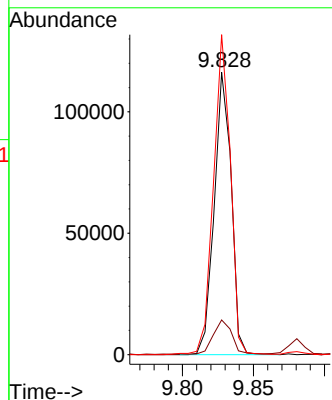
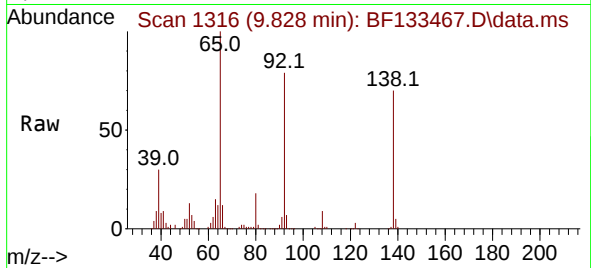




#53
3-Nitroaniline
Concen: 31.579 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

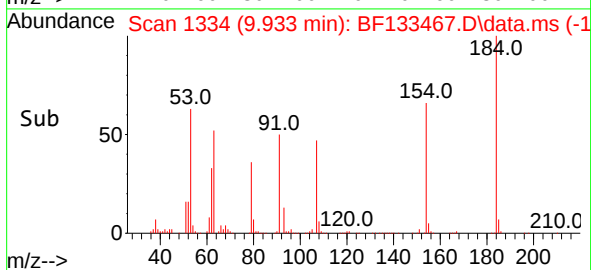
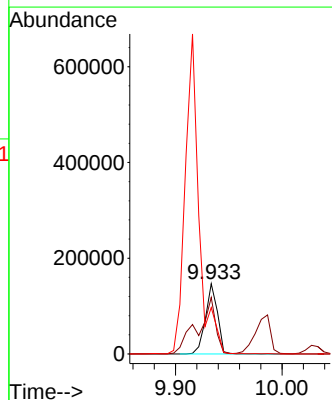
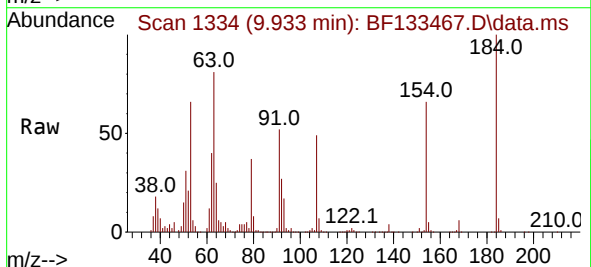
Instrument :
BNA_F
ClientSampleId :
290-328MS

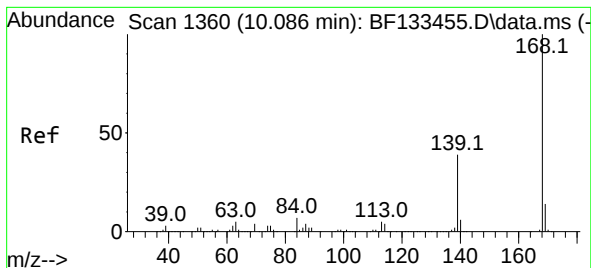
Tgt Ion:138 Resp: 96777
Ion Ratio Lower Upper
138 100
108 12.3 11.4 17.0
92 113.3 88.4 132.6



#54
2,4-Dinitrophenol
Concen: 98.241 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Tgt Ion:184 Resp: 115384
Ion Ratio Lower Upper
184 100
63 80.5 54.4 81.6
154 66.2 51.3 76.9





#55

Dibenzofuran

Concen: 44.912 ng

RT: 10.086 min Scan# 1360

Delta R.T. 0.000 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

290-328MS

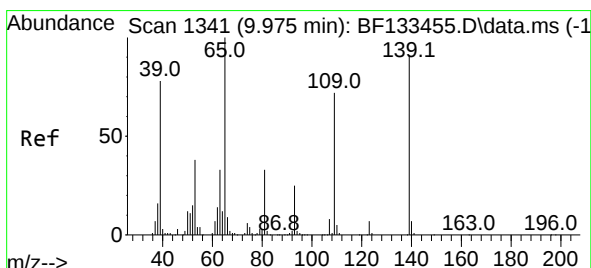
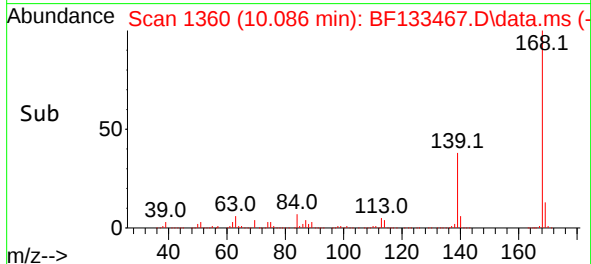
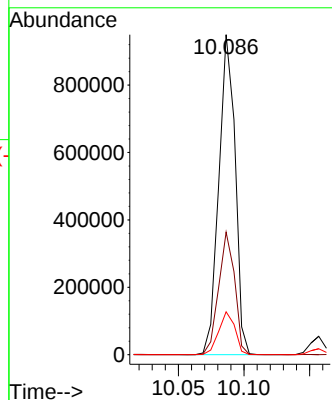
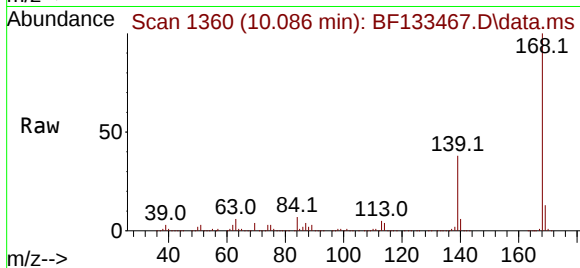
Tgt Ion:168 Resp: 819176

Ion Ratio Lower Upper

168 100

139 38.3 31.0 46.6

169 13.4 11.0 16.6



#56

4-Nitrophenol

Concen: 93.599 ng

RT: 9.986 min Scan# 1343

Delta R.T. 0.011 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

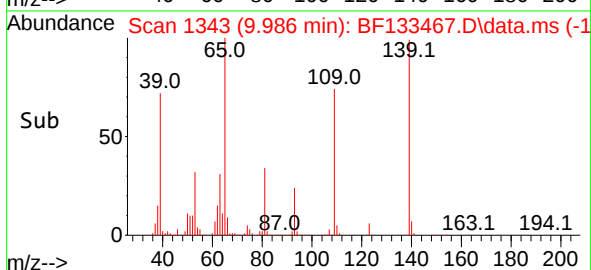
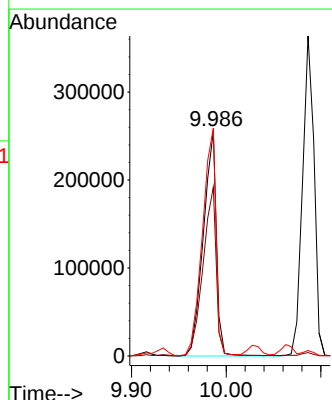
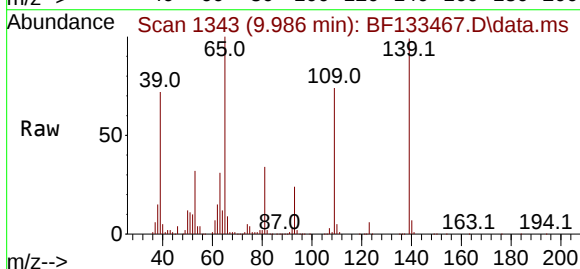
Tgt Ion:139 Resp: 245330

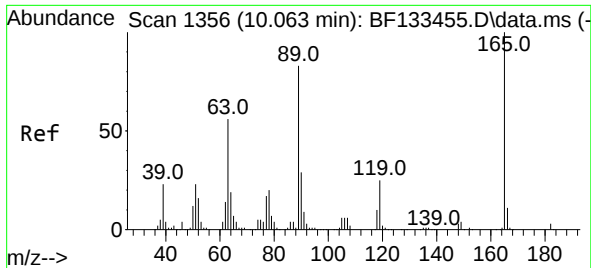
Ion Ratio Lower Upper

139 100

109 75.1 59.5 99.5

65 101.4 90.1 130.1

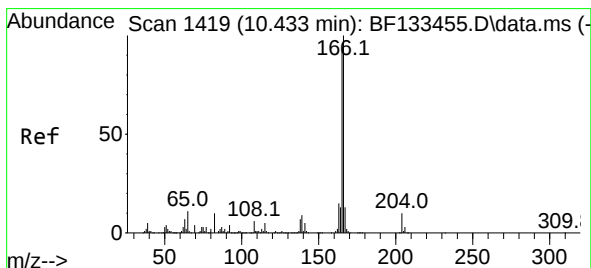
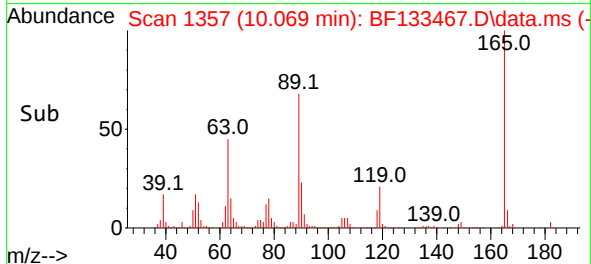
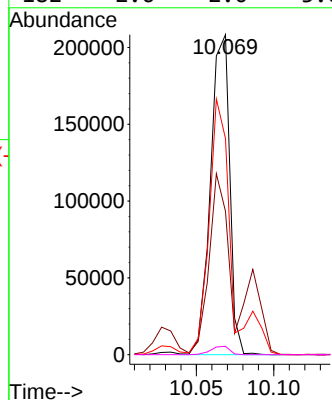
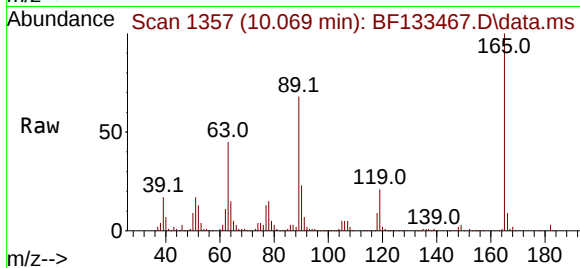




#57
2,4-Dinitrotoluene
Concen: 56.793 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

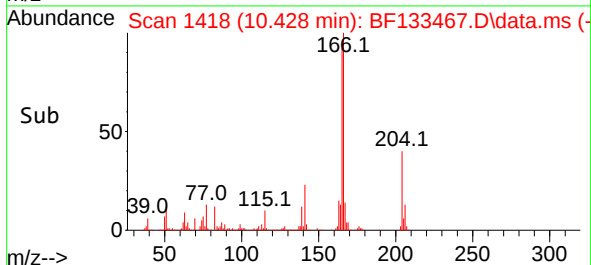
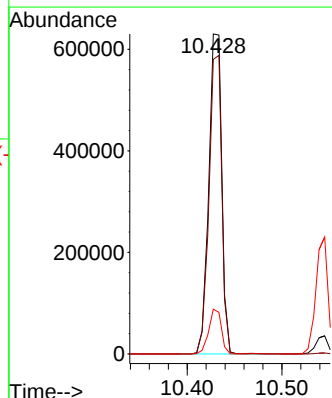
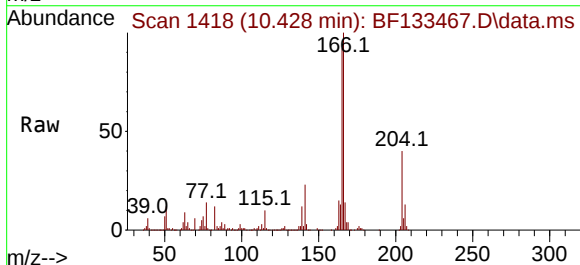
Instrument :
BNA_F
ClientSampleId :
290-328MS

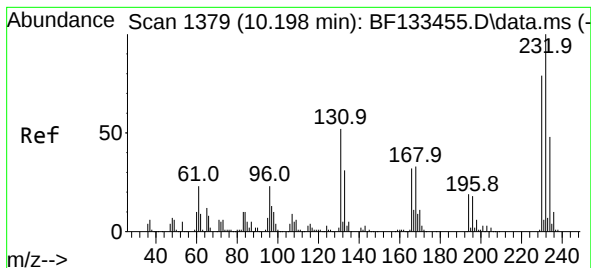
Tgt Ion:165 Resp: 179301
Ion Ratio Lower Upper
165 100
63 44.8 45.1 67.7#
89 67.5 66.7 100.1
182 2.6 2.0 3.0



#58
Fluorene
Concen: 45.409 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Tgt Ion:166 Resp: 597818
Ion Ratio Lower Upper
166 100
165 92.0 74.2 111.4
167 14.0 10.6 16.0

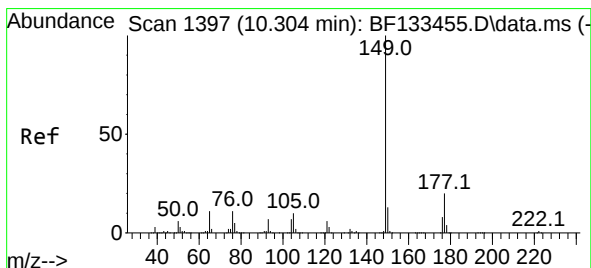
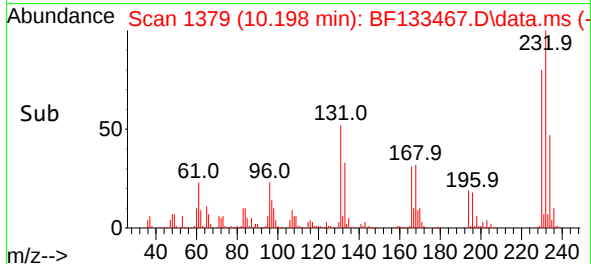
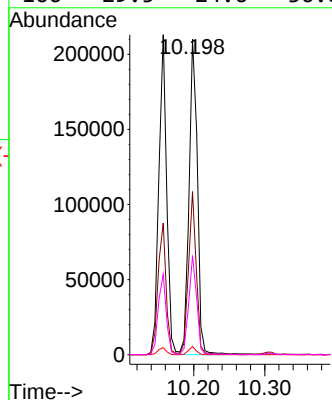
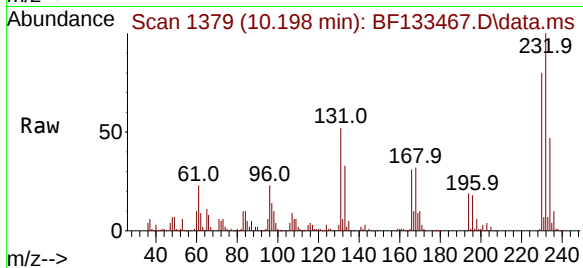




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.178 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

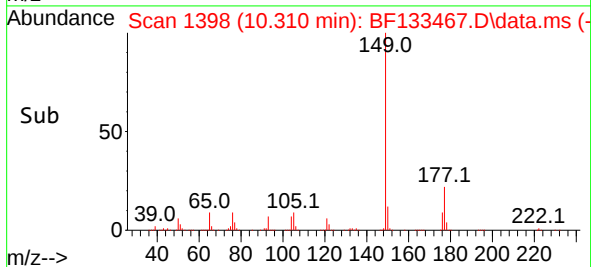
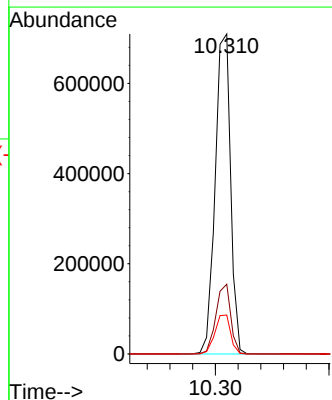
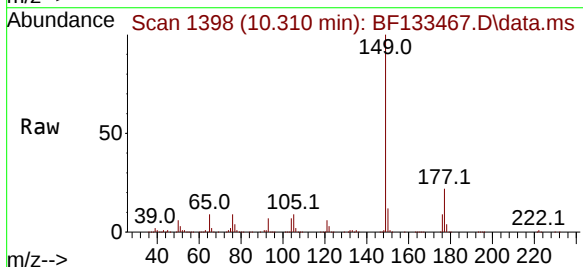
Instrument :
BNA_F
ClientSampleId :
290-328MS

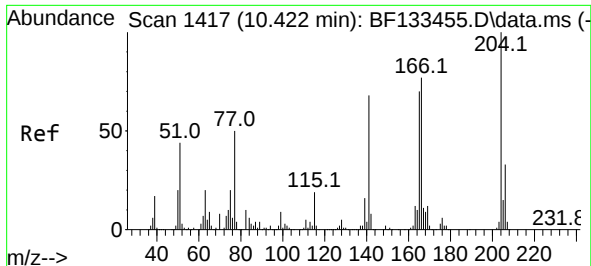
Tgt Ion:232 Resp: 169605
Ion Ratio Lower Upper
232 100
131 47.8 39.0 58.4
130 2.3 1.9 2.9
166 29.5 24.6 36.8



#60
Diethylphthalate
Concen: 48.552 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.006 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Tgt Ion:149 Resp: 669186
Ion Ratio Lower Upper
149 100
177 21.8 16.3 24.5
150 12.2 10.2 15.4

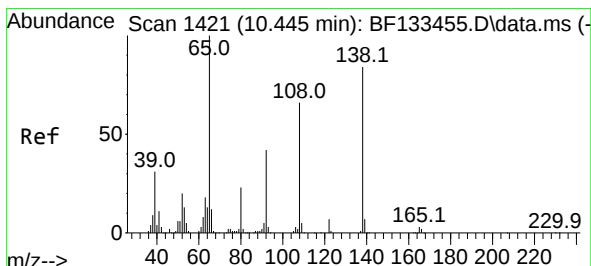
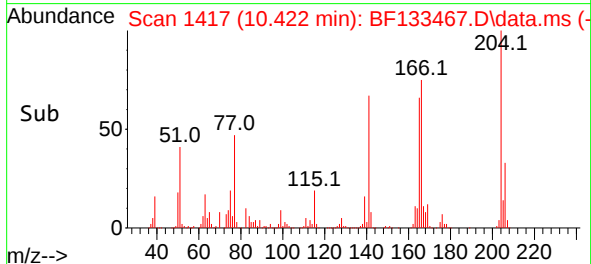
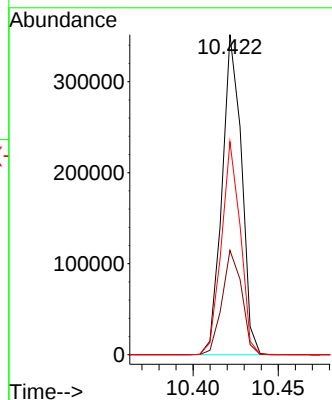
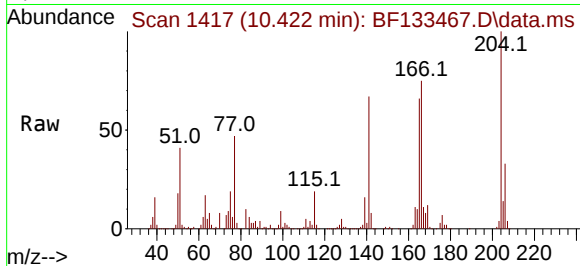




#61
4-Chlorophenyl-phenylether
Concen: 44.777 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

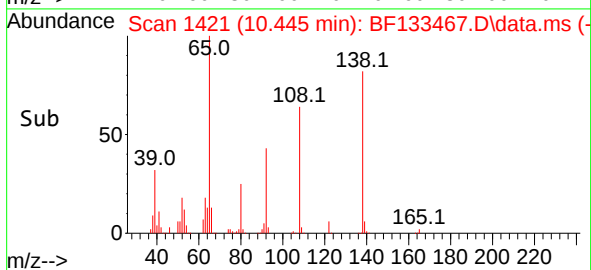
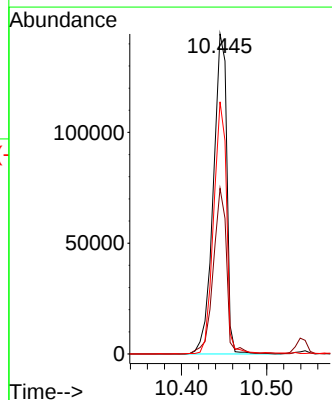
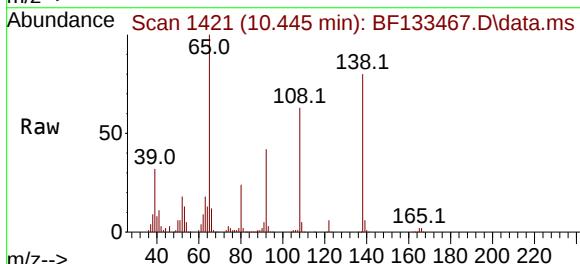
Instrument :
BNA_F
ClientSampleId :
290-328MS

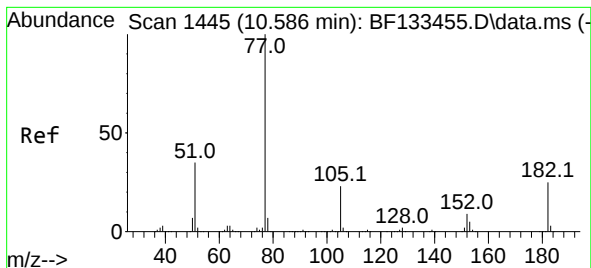
Tgt Ion:204 Resp: 278819
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 66.6 54.1 81.1



#62
4-Nitroaniline
Concen: 50.800 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Tgt Ion:138 Resp: 159165
Ion Ratio Lower Upper
138 100
92 51.8 29.2 69.2
108 78.8 58.4 98.4





#63

Azobenzene

Concen: 46.501 ng

RT: 10.586 min Scan# 1445

Delta R.T. 0.000 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

290-328MS

Tgt Ion: 77 Resp: 662888

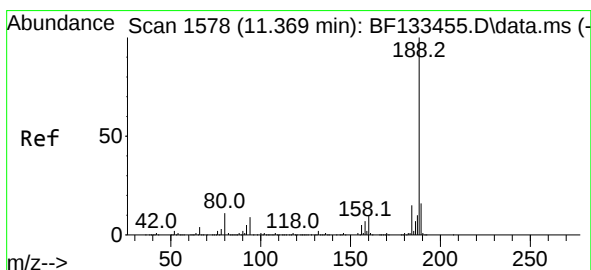
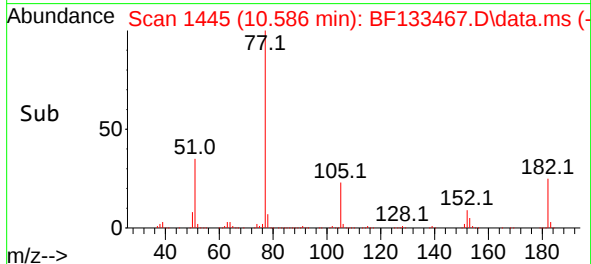
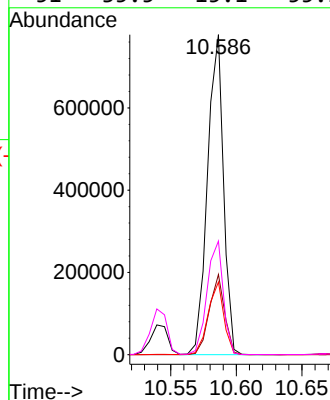
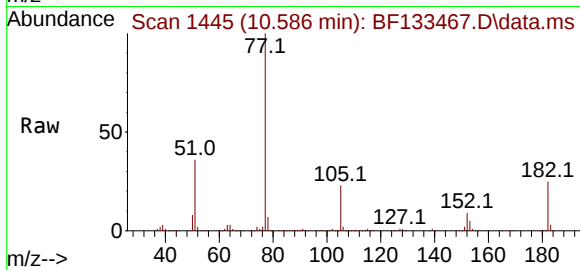
Ion Ratio Lower Upper

77 100

182 25.0 5.0 45.0

105 22.7 2.9 42.9

51 35.5 15.1 55.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1577

Delta R.T. -0.006 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

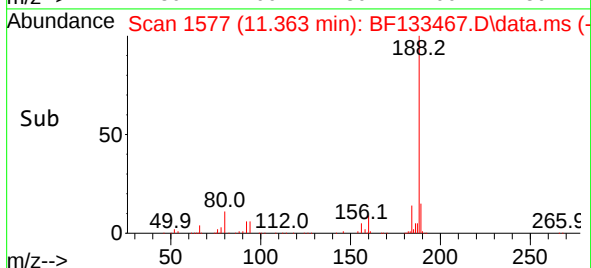
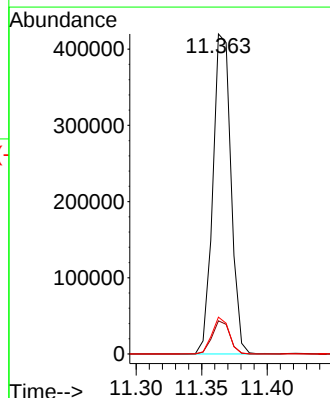
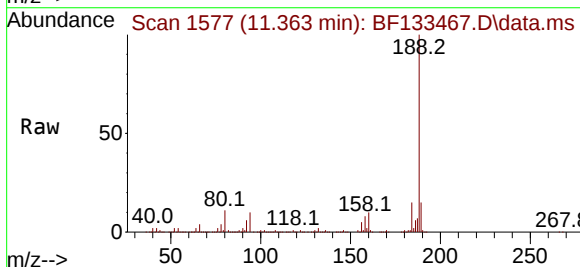
Tgt Ion:188 Resp: 402747

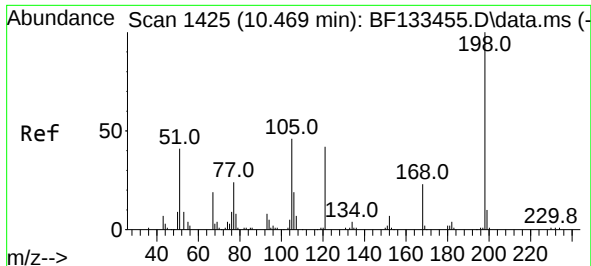
Ion Ratio Lower Upper

188 100

94 10.4 7.5 11.3

80 11.5 8.7 13.1

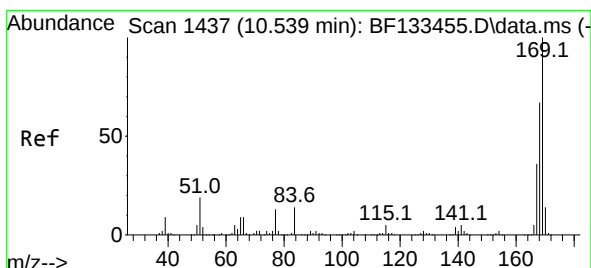
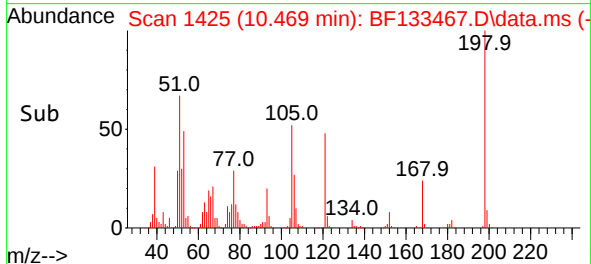
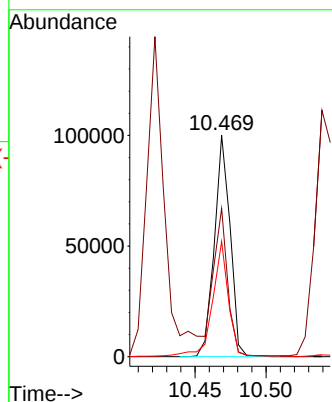
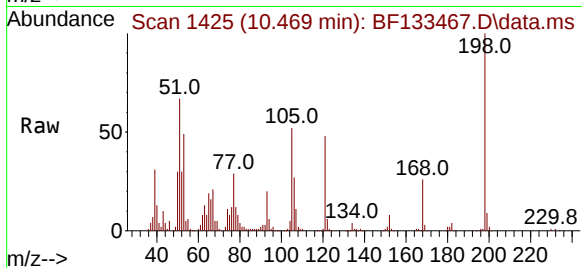




#65
4,6-Dinitro-2-methylphenol
Concen: 56.163 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

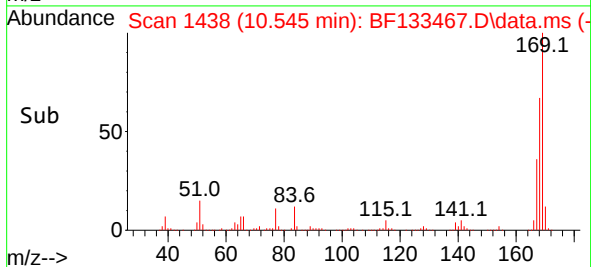
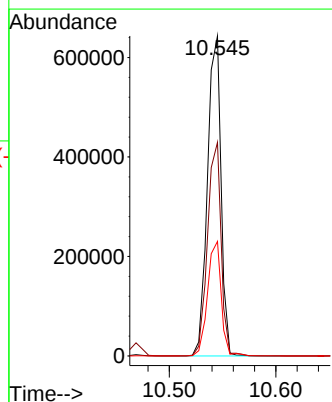
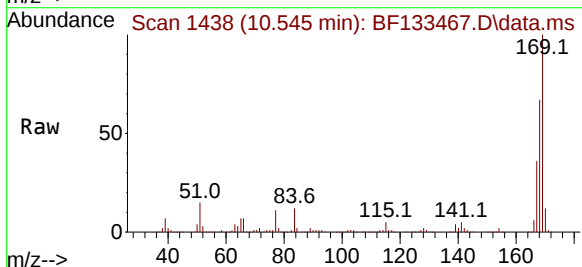
Instrument :
BNA_F
ClientSampleId :
290-328MS

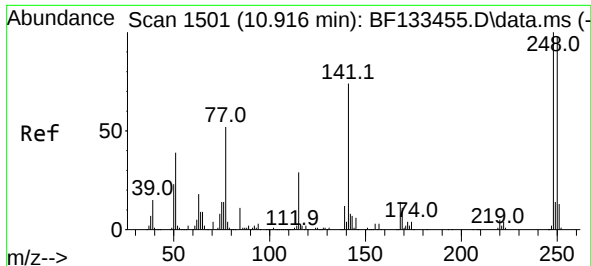
Tgt Ion:198 Resp: 77133
Ion Ratio Lower Upper
198 100
51 66.9 38.5 78.5
105 52.0 29.6 69.6



#66
n-Nitrosodiphenylamine
Concen: 42.981 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Tgt Ion:169 Resp: 570759
Ion Ratio Lower Upper
169 100
168 66.8 53.6 80.4
167 35.8 29.2 43.8

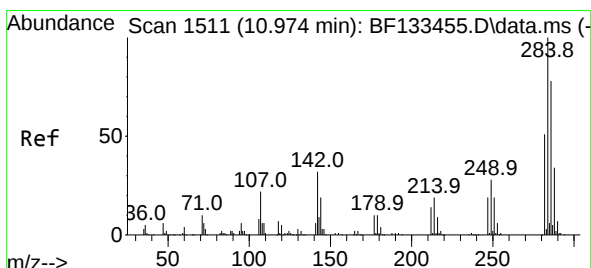
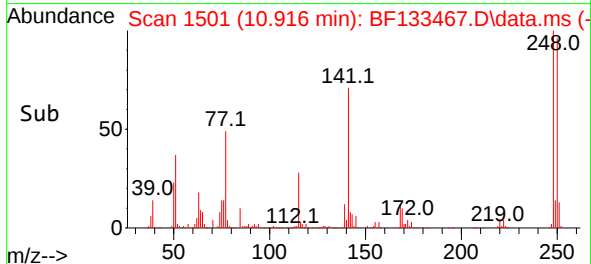
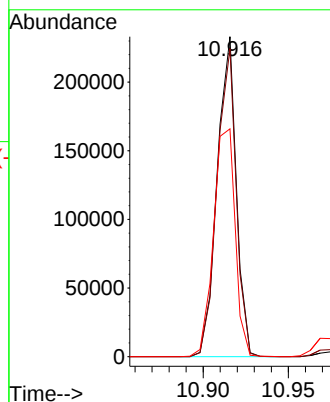
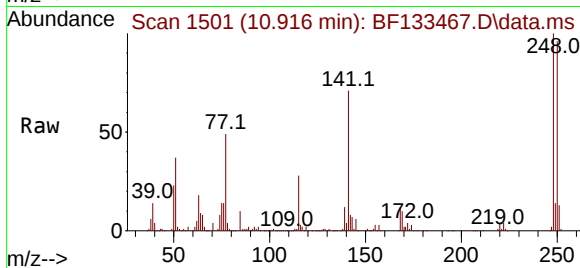




#67
4-Bromophenyl-phenylether
Concen: 43.187 ng
RT: 10.916 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

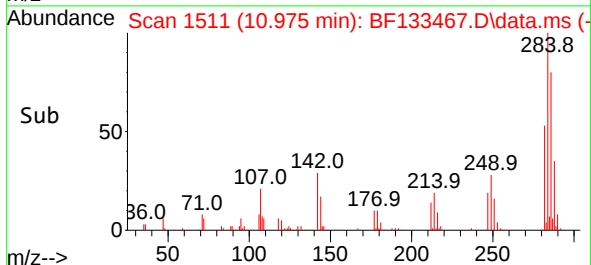
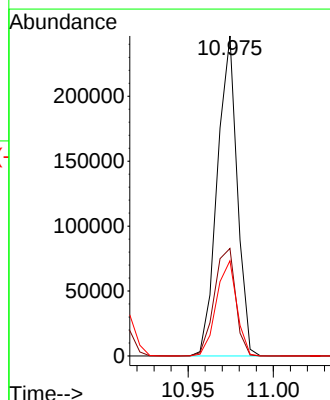
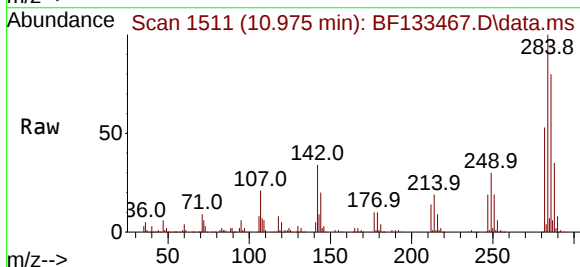
Instrument :
BNA_F
ClientSampleId :
290-328MS

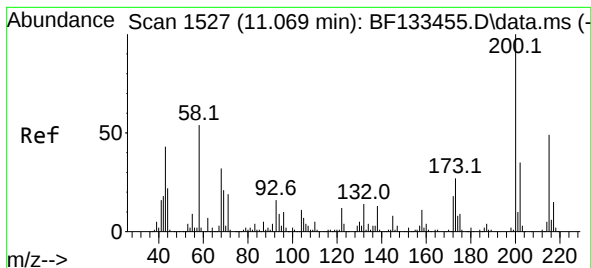
Tgt Ion:248 Resp: 182408
Ion Ratio Lower Upper
248 100
250 96.3 78.3 117.5
141 71.2 59.1 88.7



#68
Hexachlorobenzene
Concen: 45.148 ng
RT: 10.975 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Tgt Ion:284 Resp: 200103
Ion Ratio Lower Upper
284 100
142 33.6 25.2 37.8
249 29.7 22.6 34.0





#69

Atrazine

Concen: 53.072 ng

RT: 11.069 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

290-328MS

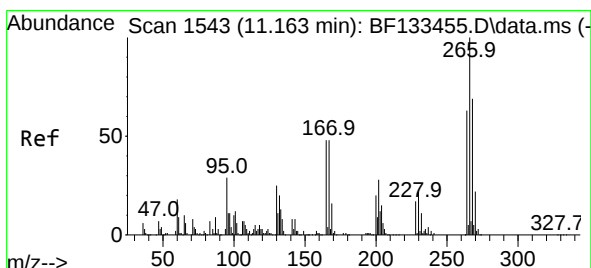
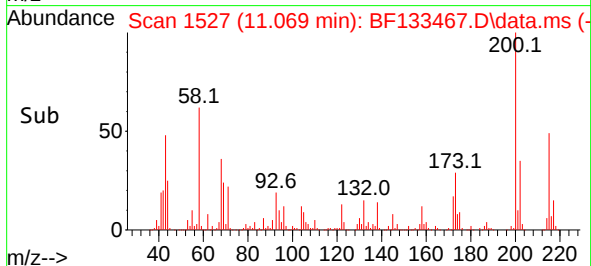
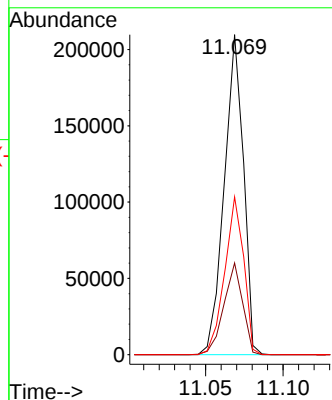
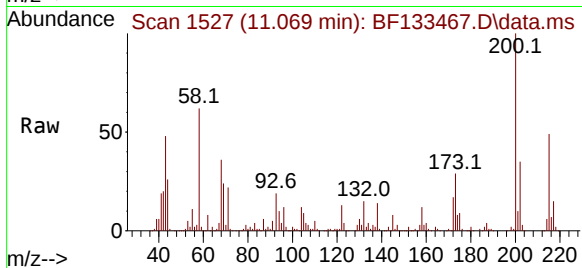
Tgt Ion:200 Resp: 180376

Ion Ratio Lower Upper

200 100

173 28.7 7.0 47.0

215 49.3 28.7 68.7



#70

Pentachlorophenol

Concen: 91.935 ng

RT: 11.169 min Scan# 1544

Delta R.T. 0.006 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

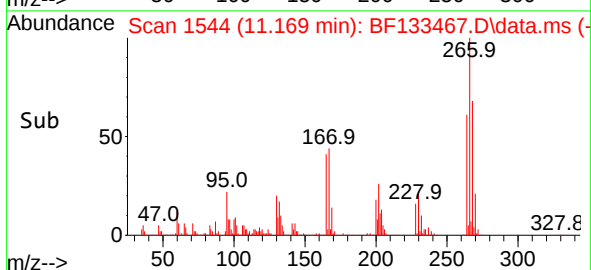
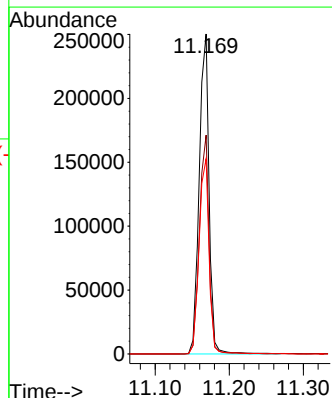
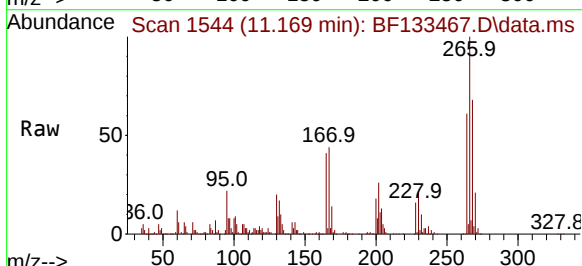
Tgt Ion:266 Resp: 231264

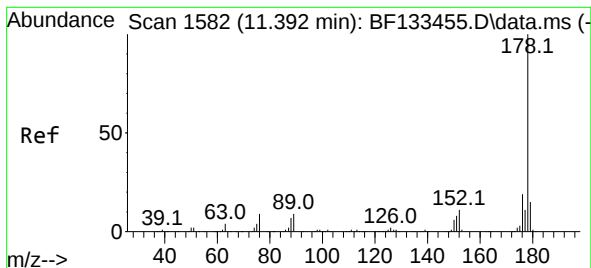
Ion Ratio Lower Upper

266 100

268 68.4 54.8 82.2

264 61.0 50.2 75.2





#71

Phenanthrene

Concen: 43.785 ng

RT: 11.392 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

290-328MS

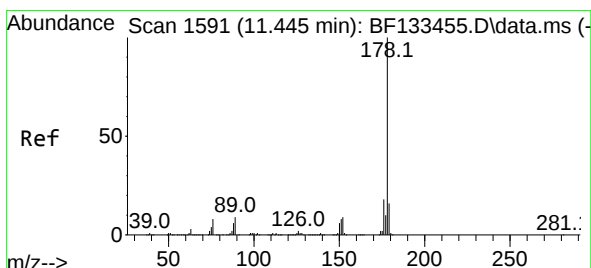
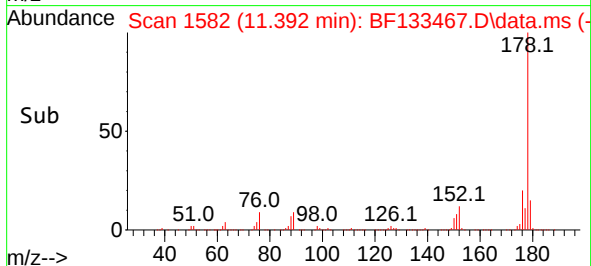
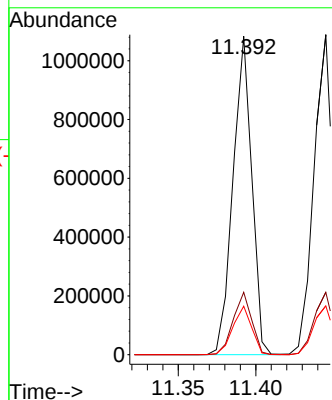
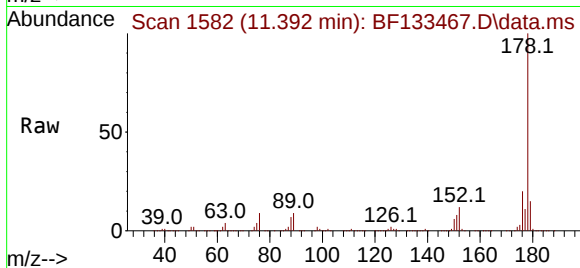
Tgt Ion:178 Resp: 913085

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 15.2 12.2 18.2



#72

Anthracene

Concen: 44.008 ng

RT: 11.445 min Scan# 1591

Delta R.T. 0.000 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

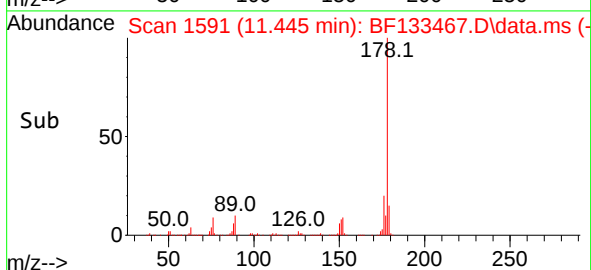
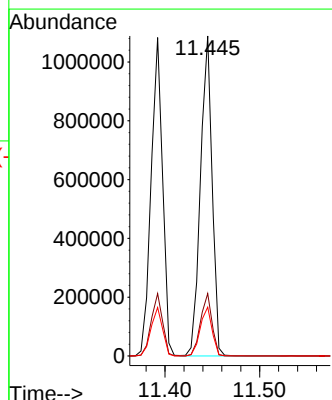
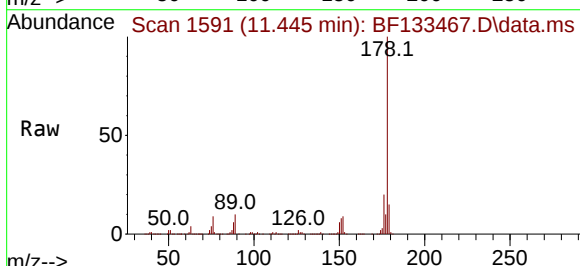
Tgt Ion:178 Resp: 936246

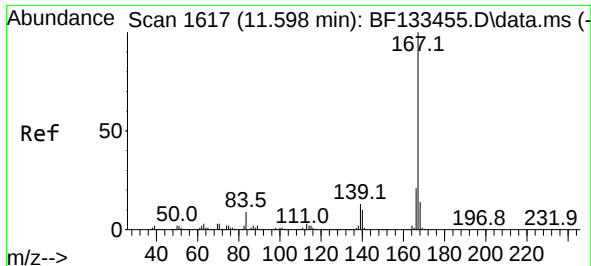
Ion Ratio Lower Upper

178 100

176 19.5 14.8 22.2

179 15.3 12.4 18.6

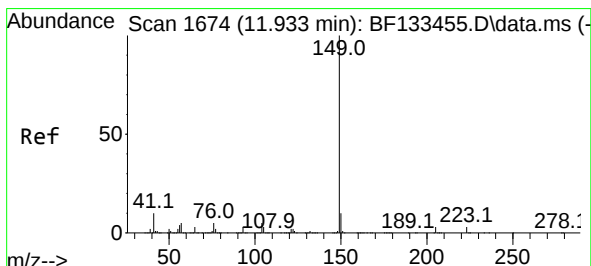
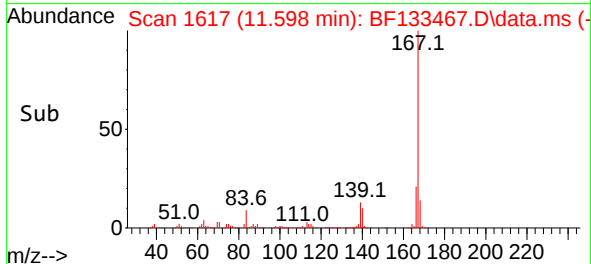
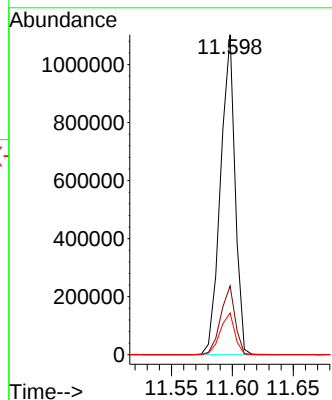
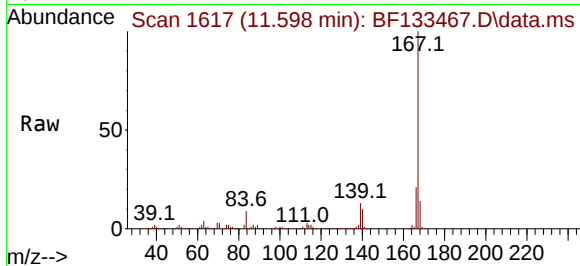




#73
 Carbazole
 Concen: 45.522 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: BF133467.D
 Acq: 24 May 2023 13:18

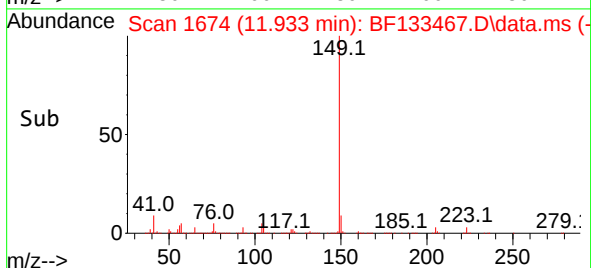
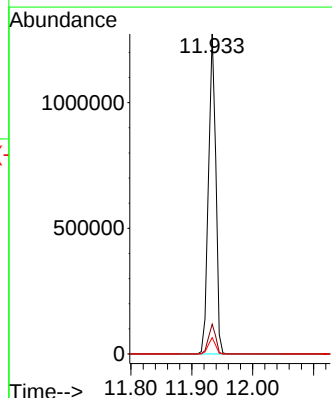
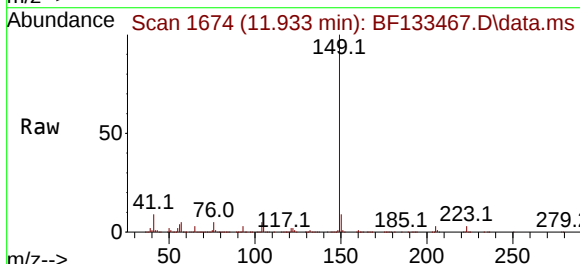
Instrument :
 BNA_F
 ClientSampleId :
 290-328MS

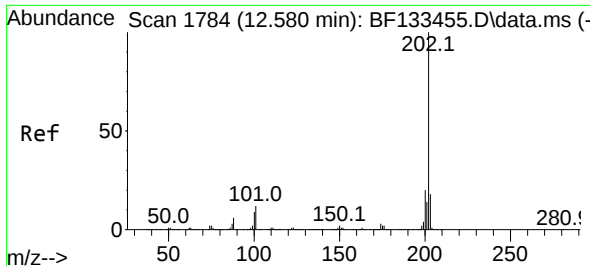
Tgt Ion:167 Resp: 917459
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 13.1 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 49.058 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF133467.D
 Acq: 24 May 2023 13:18

Tgt Ion:149 Resp: 1060831
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 5.1 4.2 6.4

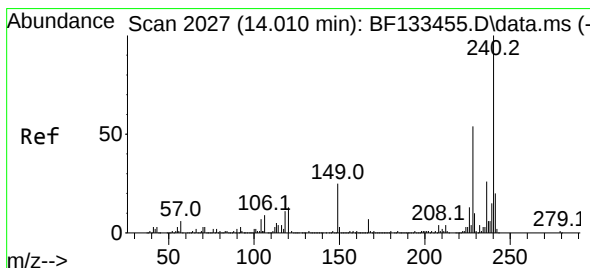
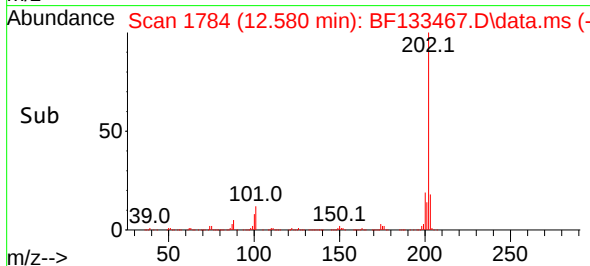
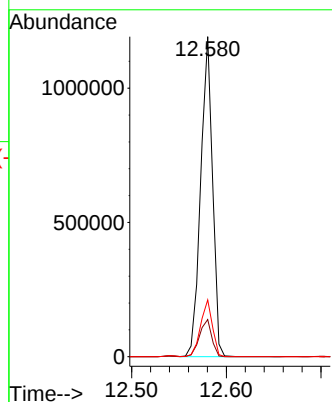
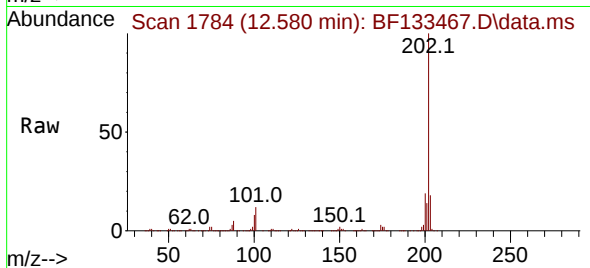




#75
Fluoranthene
Concen: 46.157 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

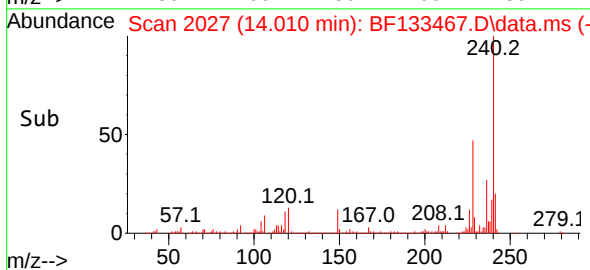
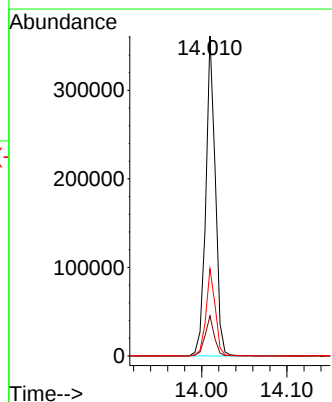
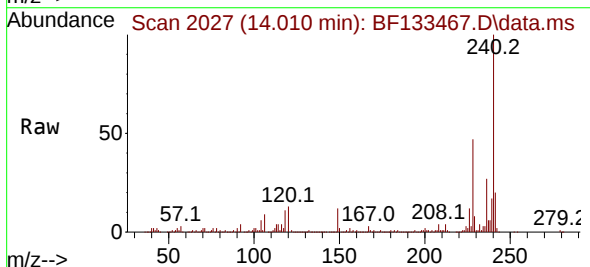
Instrument :
BNA_F
ClientSampleId :
290-328MS

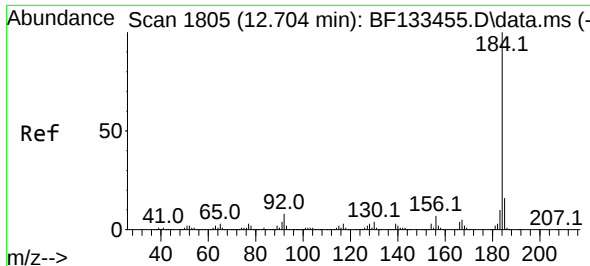
Tgt Ion:202 Resp: 1036384
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.5
203 17.7 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Tgt Ion:240 Resp: 279162
Ion Ratio Lower Upper
240 100
120 12.6 10.2 15.4
236 27.2 20.9 31.3

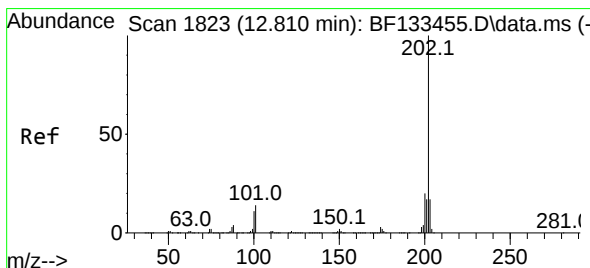
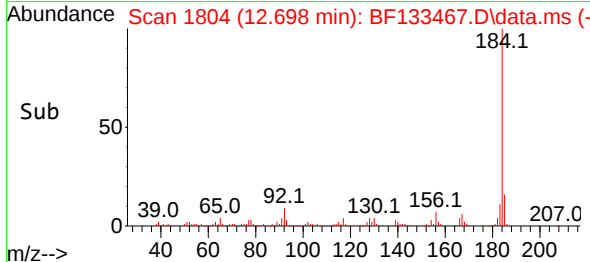
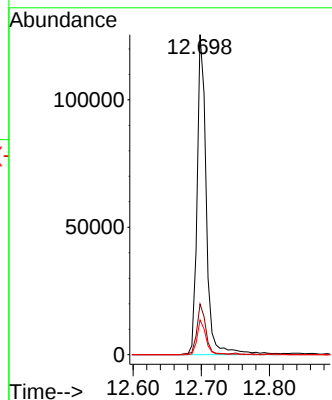
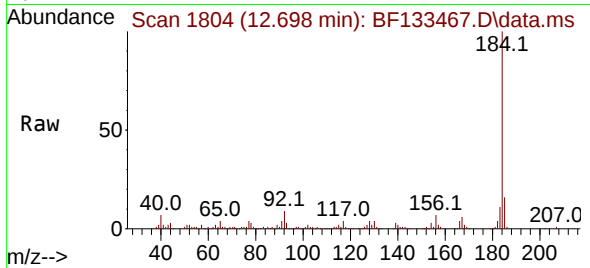




#77
Benzidine
Concen: 17.720 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

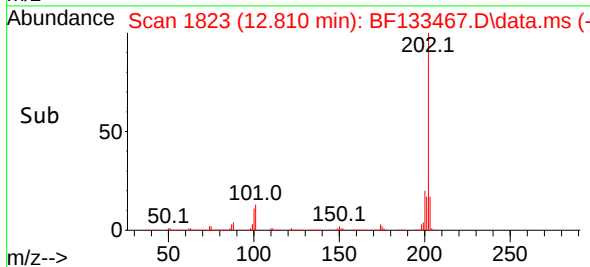
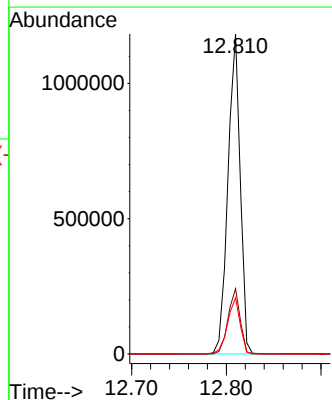
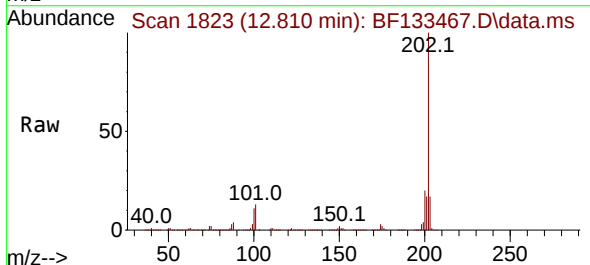
Instrument :
BNA_F
ClientSampleId :
290-328MS

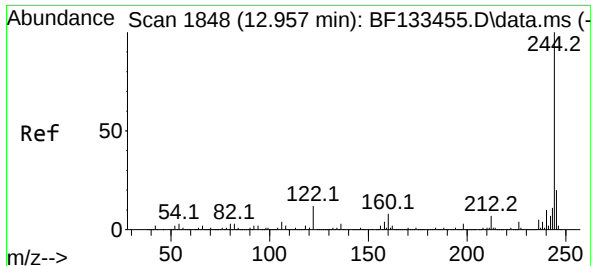
Tgt Ion:184 Resp: 117871
Ion Ratio Lower Upper
184 100
185 15.8 12.6 19.0
183 10.9 8.2 12.2



#78
Pyrene
Concen: 46.897 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BF133467.D
Acq: 24 May 2023 13:18

Tgt Ion:202 Resp: 1067166
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 17.5 13.9 20.9

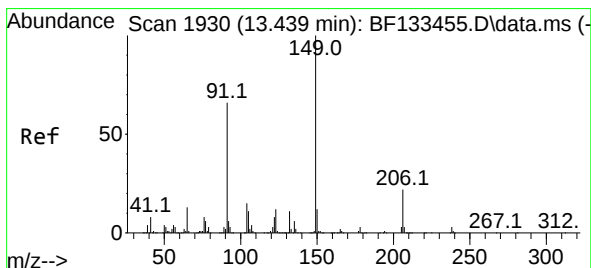
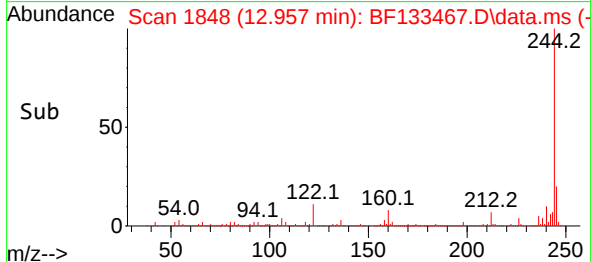
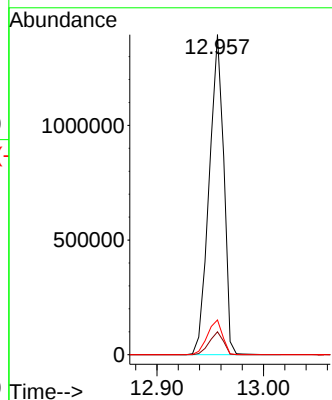
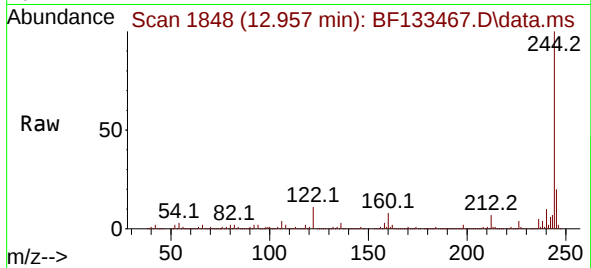




#79
 Terphenyl-d14
 Concen: 90.766 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133467.D
 Acq: 24 May 2023 13:18

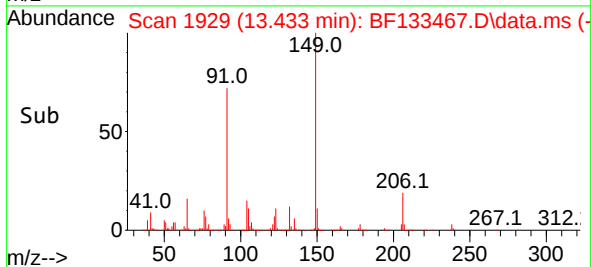
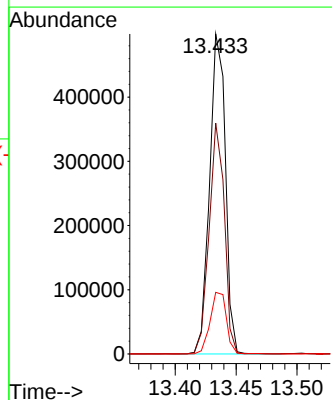
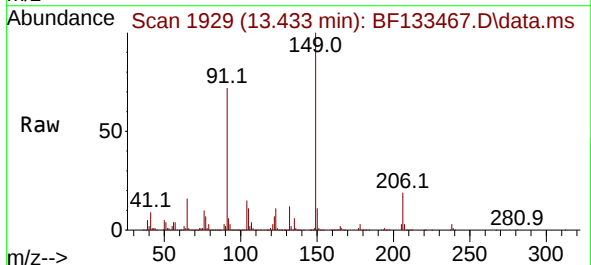
Instrument :
 BNA_F
 ClientSampleId :
 290-328MS

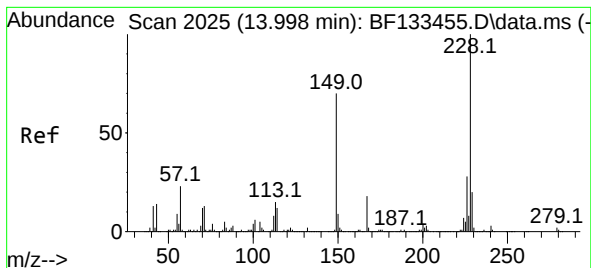
Tgt Ion:244 Resp: 1325295
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.8 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 52.382 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF133467.D
 Acq: 24 May 2023 13:18

Tgt Ion:149 Resp: 450988
 Ion Ratio Lower Upper
 149 100
 91 72.1 53.1 79.7
 206 19.3 17.4 26.0





#81

Benzo(a)anthracene

Concen: 45.152 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

290-328MS

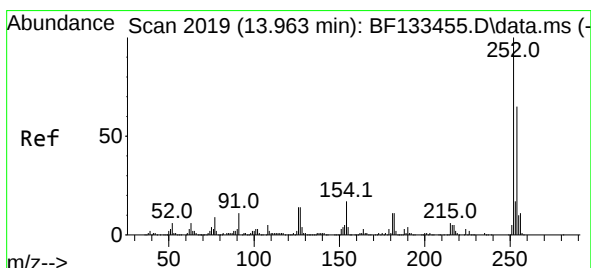
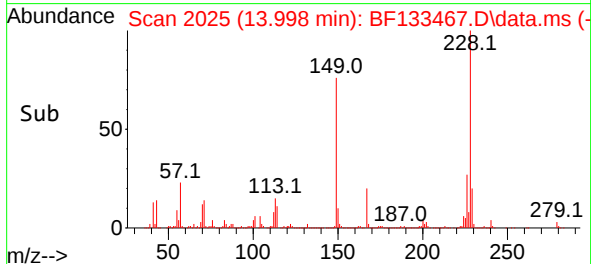
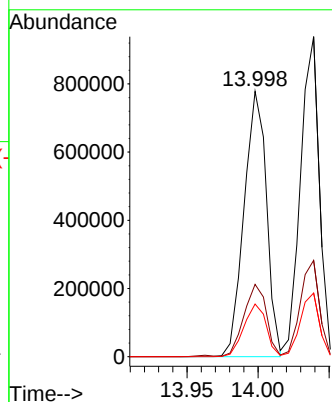
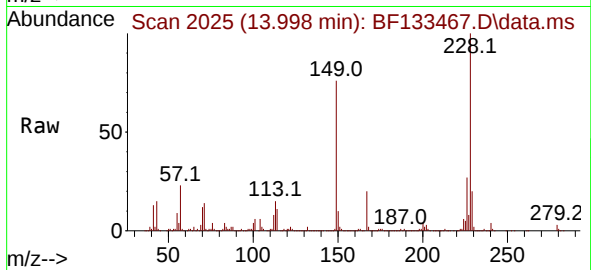
Tgt Ion:228 Resp: 855659

Ion Ratio Lower Upper

228 100

226 27.3 22.2 33.4

229 19.8 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 35.771 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

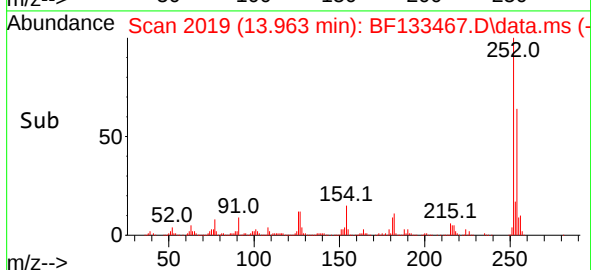
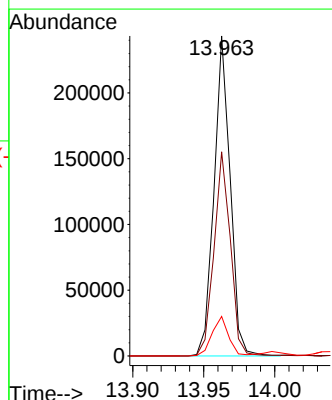
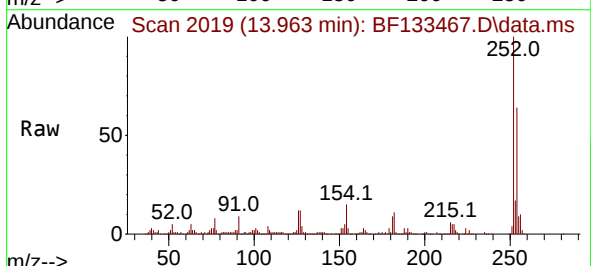
Tgt Ion:252 Resp: 192376

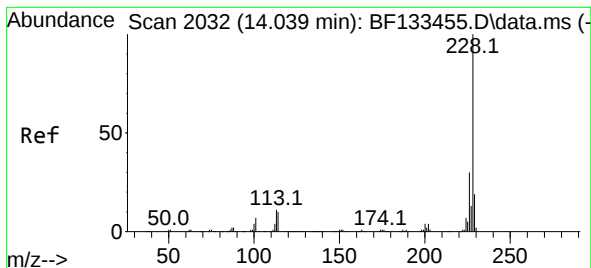
Ion Ratio Lower Upper

252 100

254 63.8 51.8 77.6

126 12.3 11.0 16.6





#83

Chrysene

Concen: 45.057 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

290-328MS

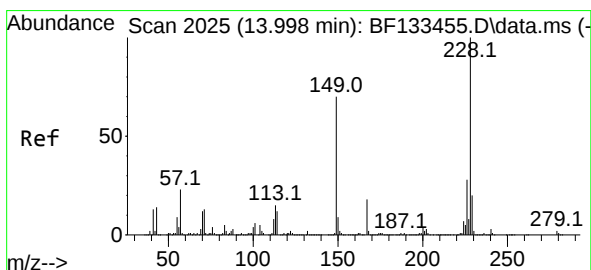
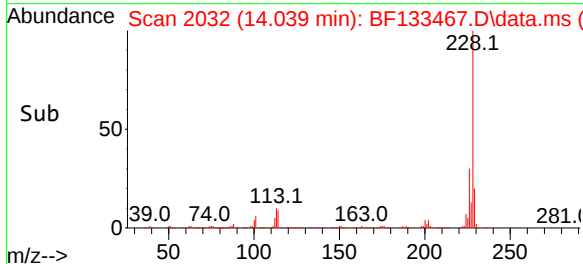
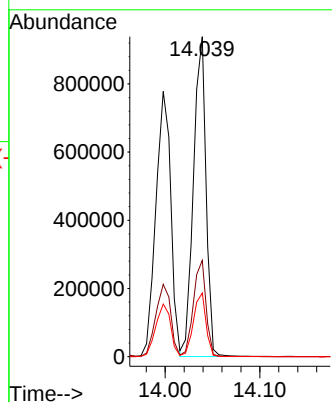
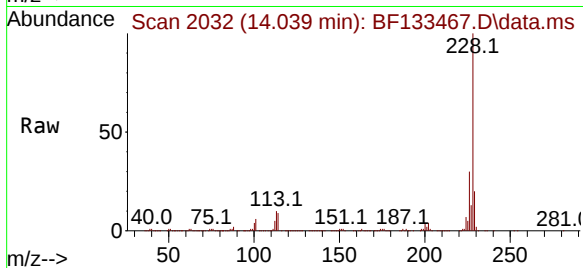
Tgt Ion:228 Resp: 866996

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

229 19.9 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.634 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

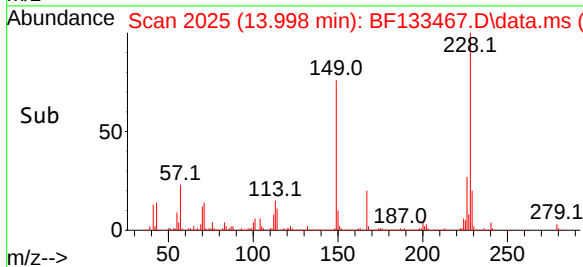
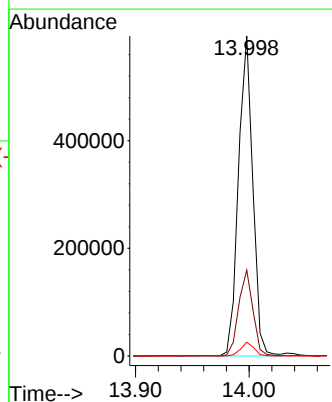
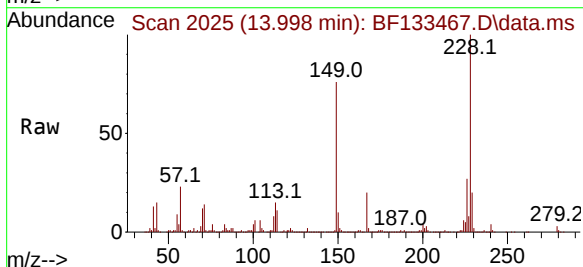
Tgt Ion:149 Resp: 520022

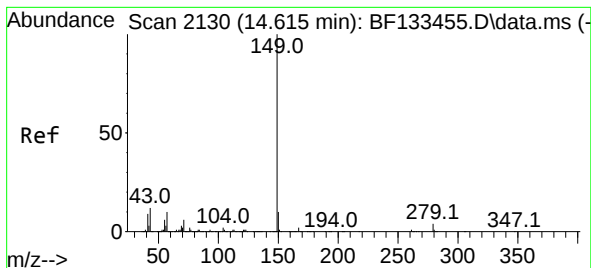
Ion Ratio Lower Upper

149 100

167 26.8 20.8 31.2

279 4.3 2.8 4.2#





#85

Di-n-octyl phthalate

Concen: 50.105 ng

RT: 14.610 min Scan# 2129

Delta R.T. -0.005 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

290-328MS

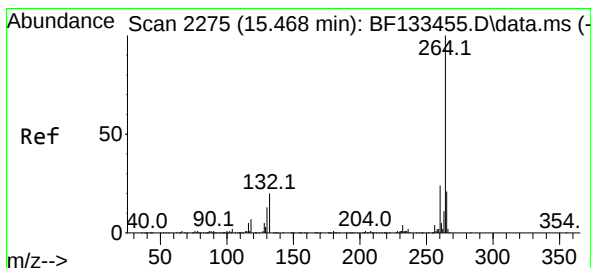
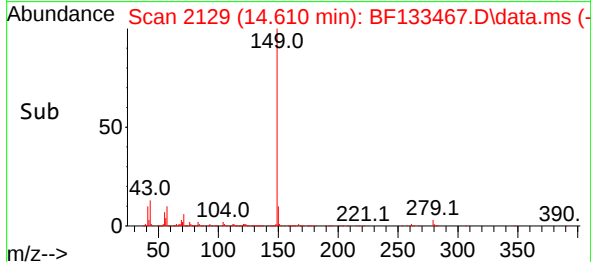
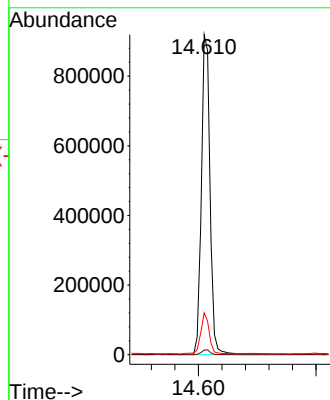
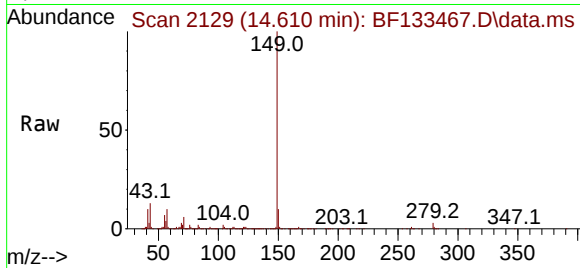
Tgt Ion:149 Resp: 936146

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.3 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. 0.000 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

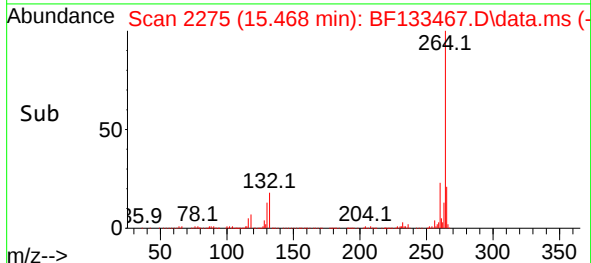
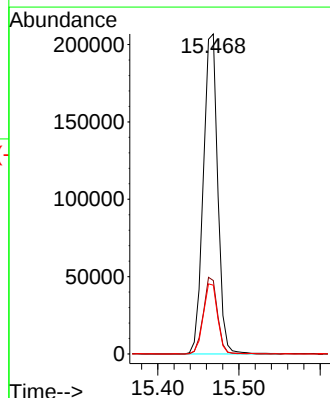
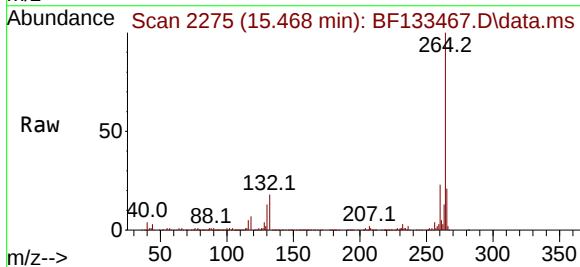
Tgt Ion:264 Resp: 254893

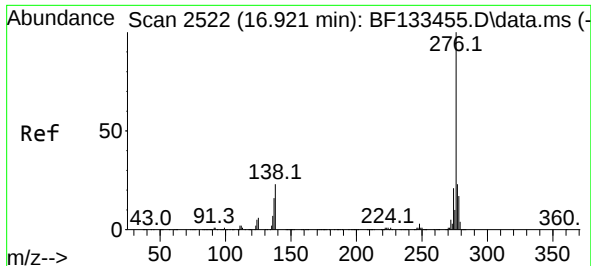
Ion Ratio Lower Upper

264 100

260 23.0 18.8 28.2

265 21.5 17.0 25.4

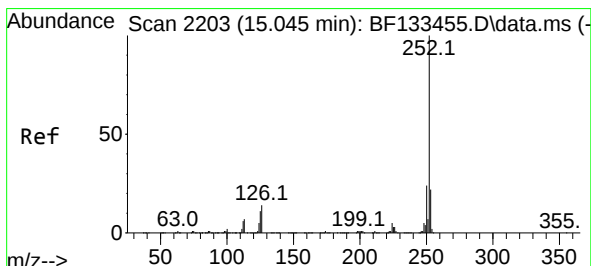
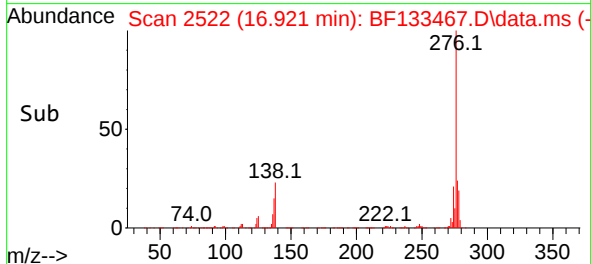
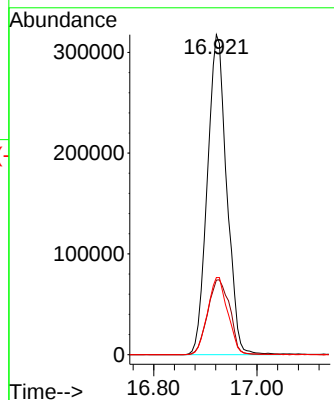
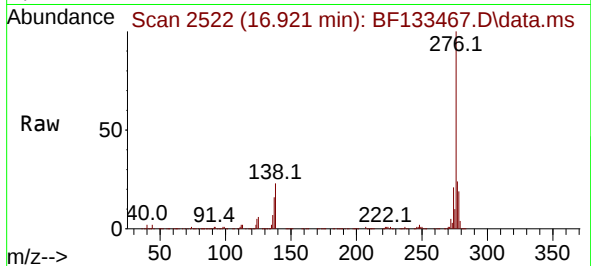




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.844 ng
 RT: 16.921 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF133467.D
 Acq: 24 May 2023 13:18

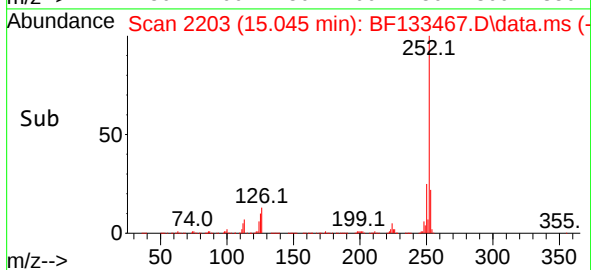
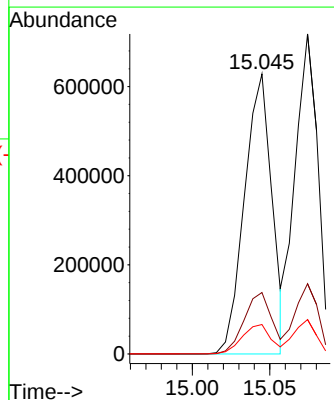
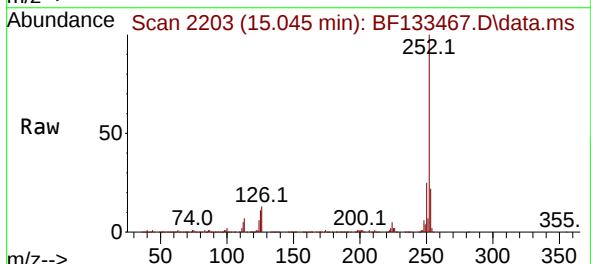
Instrument :
 BNA_F
 ClientSampleId :
 290-328MS

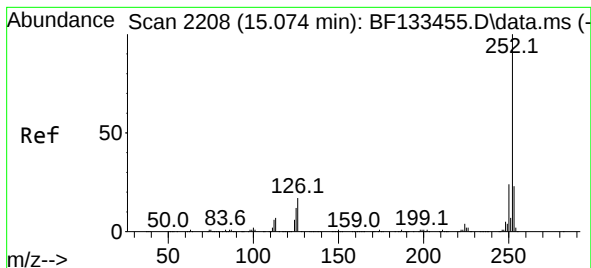
Tgt Ion:276 Resp: 825984
 Ion Ratio Lower Upper
 276 100
 138 26.9 21.8 32.8
 277 25.2 19.8 29.8



#88
 Benzo(b)fluoranthene
 Concen: 48.873 ng
 RT: 15.045 min Scan# 2203
 Delta R.T. 0.000 min
 Lab File: BF133467.D
 Acq: 24 May 2023 13:18

Tgt Ion:252 Resp: 774228
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.5 26.3
 125 10.5 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 48.635 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

290-328MS

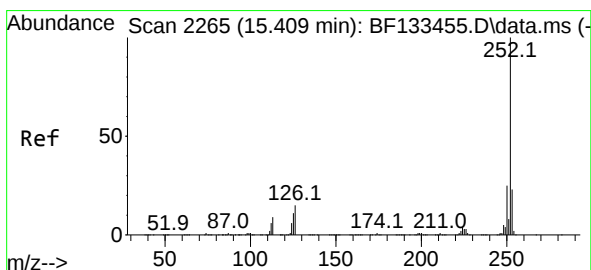
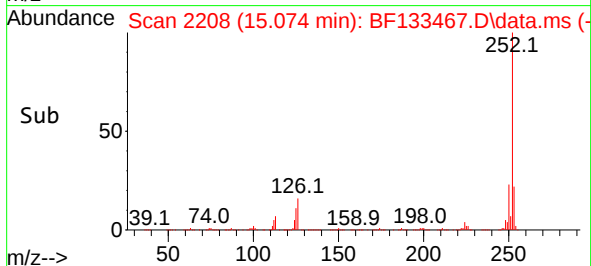
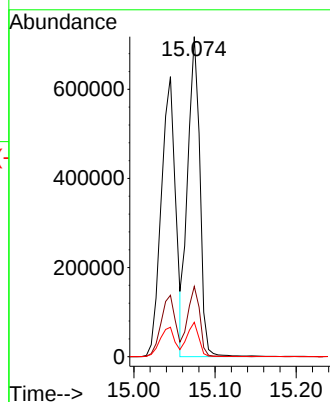
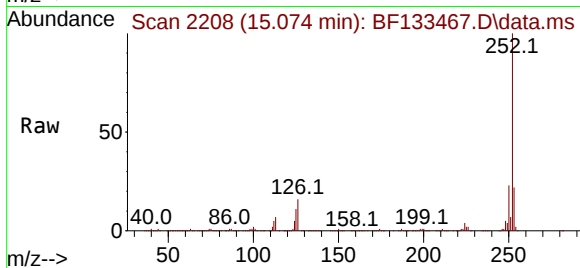
Tgt Ion:252 Resp: 748728

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.7 9.0 13.4



#90

Benzo(a)pyrene

Concen: 43.715 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

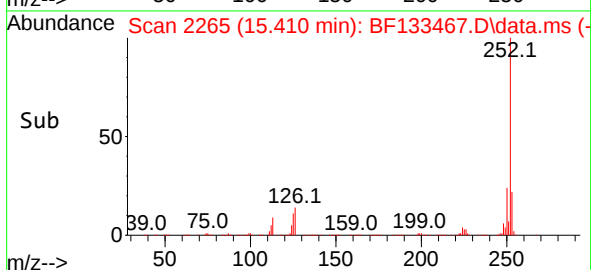
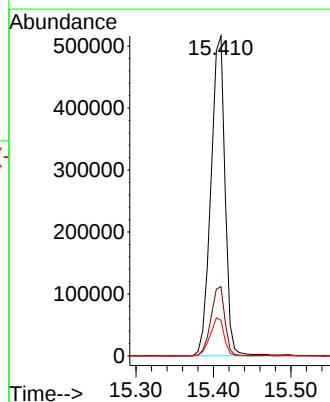
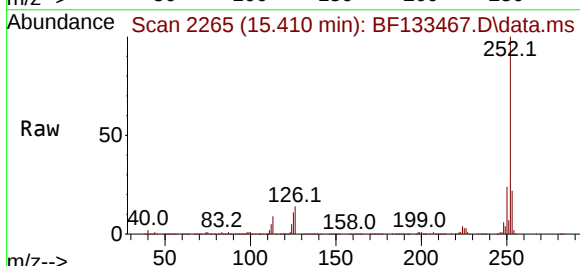
Tgt Ion:252 Resp: 652482

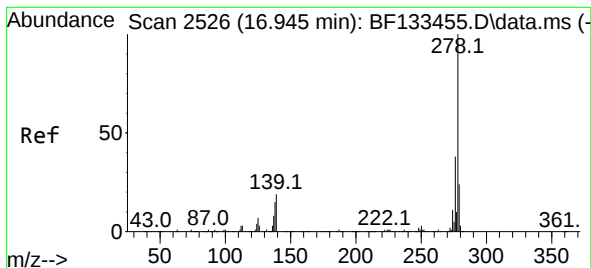
Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

125 11.1 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 47.644 ng

RT: 16.945 min Scan# 2526

Delta R.T. 0.000 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

Instrument :

BNA_F

ClientSampleId :

290-328MS

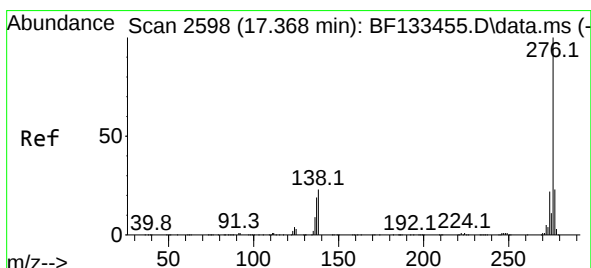
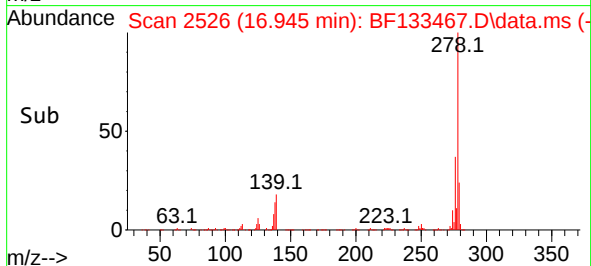
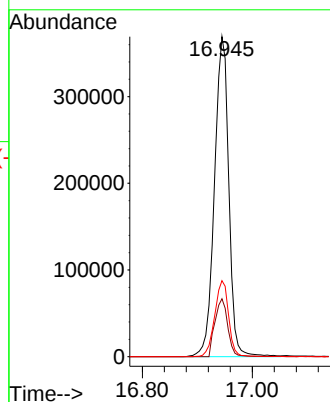
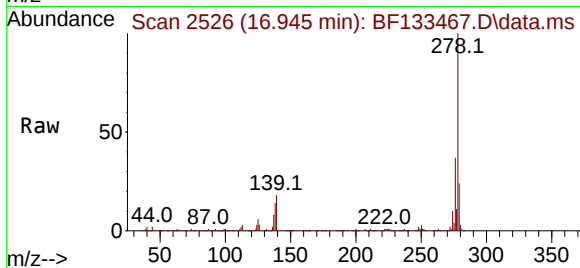
Tgt Ion:278 Resp: 669913

Ion Ratio Lower Upper

278 100

139 18.1 15.4 23.0

279 23.7 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 49.148 ng

RT: 17.368 min Scan# 2598

Delta R.T. 0.000 min

Lab File: BF133467.D

Acq: 24 May 2023 13:18

Tgt Ion:276 Resp: 698092

Ion Ratio Lower Upper

276 100

277 23.4 18.6 27.8

138 23.0 18.5 27.7

