

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
 Data File : BF133351.D
 Acq On : 11 May 2023 12:48
 Operator : CG\JU
 Sample : PB152690BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152690BS

Quant Time: May 11 13:43:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	220994	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	876527	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	449858	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	796804	20.000	ng	0.00
76) Chrysene-d12	13.880	240	511835	20.000	ng	0.00
86) Perylene-d12	15.292	264	429350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1448373	99.004	ng	0.02
7) Phenol-d6	6.375	99	1733833	95.485	ng	0.00
23) Nitrobenzene-d5	7.292	82	1077116	66.329	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	424631	93.858	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1822894	67.793	ng	0.00
79) Terphenyl-d14	12.827	244	1919154	64.667	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	266999	39.347	ng	97
3) Pyridine	3.169	79	636305	35.306	ng	98
4) n-Nitrosodimethylamine	3.128	42	357729	38.321	ng	97
6) Aniline	6.386	93	785858	33.602	ng	# 25
8) 2-Chlorophenol	6.510	128	636532	42.854	ng	98
9) Benzaldehyde	6.269	77	361668	45.129	ng	96
10) Phenol	6.386	94	773078	38.592	ng	75
11) bis(2-Chloroethyl)ether	6.463	93	605438	40.276	ng	98
12) 1,3-Dichlorobenzene	6.663	146	684822	43.365	ng	98
13) 1,4-Dichlorobenzene	6.739	146	696313	43.995	ng	98
14) 1,2-Dichlorobenzene	6.892	146	650993	44.614	ng	98
15) Benzyl Alcohol	6.875	79	491619	39.195	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	984547	37.709	ng	91
17) 2-Methylphenol	6.992	107	533731	39.241	ng	97
18) Hexachloroethane	7.233	117	244457	44.426	ng	98
19) n-Nitroso-di-n-propyla...	7.145	70	411923	36.439	ng	94
20) 3+4-Methylphenols	7.145	107	642617	40.119	ng	# 73
22) Acetophenone	7.133	105	881380	43.408	ng	# 93
24) Nitrobenzene	7.310	77	671948	40.835	ng	99
25) Isophorone	7.551	82	1234788	40.049	ng	99
26) 2-Nitrophenol	7.628	139	365873	46.098	ng	91
27) 2,4-Dimethylphenol	7.675	122	586990	43.131	ng	97
28) bis(2-Chloroethoxy)met...	7.763	93	741265	40.640	ng	99
29) 2,4-Dichlorophenol	7.875	162	533881	43.092	ng	96
30) 1,2,4-Trichlorobenzene	7.951	180	561426	43.741	ng	99
31) Naphthalene	8.028	128	1810453	41.312	ng	99
32) Benzoic acid	7.810	122	271186	32.259	ng	98
33) 4-Chloroaniline	8.080	127	509781	28.791	ng	99
34) Hexachlorobutadiene	8.145	225	303865	42.714	ng	99
35) Caprolactam	8.457	113	133201	32.004	ng	92
36) 4-Chloro-3-methylphenol	8.569	107	567082	42.445	ng	98
37) 2-Methylnaphthalene	8.722	142	1182984	39.484	ng	98
38) 1-Methylnaphthalene	8.822	142	1113839	39.740	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	493295	40.784	ng	99
41) Hexachlorocyclopentadiene	8.875	237	584862	82.911	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	342083	40.895	ng	98

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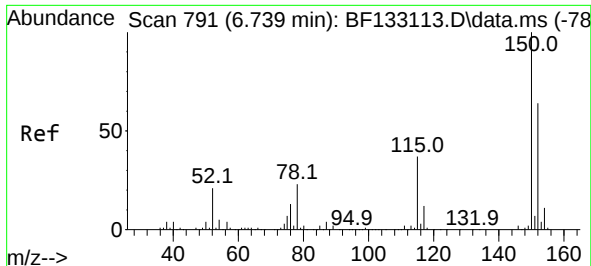
Quant Time: May 11 13:43:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	372005	38.454	ng	99
46) 1,1'-Biphenyl	9.186	154	1457305	40.853	ng	99
47) 2-Chloronaphthalene	9.210	162	1105322	42.334	ng	100
48) 2-Nitroaniline	9.310	65	357879	41.474	ng	98
49) Acenaphthylene	9.622	152	1689621	40.500	ng	100
50) Dimethylphthalate	9.492	163	1271849	40.546	ng	99
51) 2,6-Dinitrotoluene	9.551	165	293818	41.617	ng	90
52) Acenaphthene	9.798	154	1037962	37.148	ng	98
53) 3-Nitroaniline	9.716	138	273144	32.538	ng	98
54) 2,4-Dinitrophenol	9.827	184	308329	86.884	ng	97
55) Dibenzofuran	9.969	168	1492541	39.159	ng	99
56) 4-Nitrophenol	9.892	139	489793	75.333	ng	93
57) 2,4-Dinitrotoluene	9.957	165	387044	42.988	ng	89
58) Fluorene	10.310	166	1127053	40.361	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	305799	40.773	ng	99
60) Diethylphthalate	10.186	149	1172625	39.577	ng	100
61) 4-Chlorophenyl-phenyle...	10.298	204	527348	38.753	ng	94
62) 4-Nitroaniline	10.333	138	331682	42.989	ng	99
63) Azobenzene	10.463	77	1207386	38.468	ng	97
65) 4,6-Dinitro-2-methylph...	10.363	198	218001	45.138	ng	78
66) n-Nitrosodiphenylamine	10.421	169	1013299	39.205	ng	100
67) 4-Bromophenyl-phenylether	10.786	248	340011	39.345	ng	93
68) Hexachlorobenzene	10.857	284	367472	41.498	ng	96
69) Atrazine	10.951	200	343818	46.166	ng	99
70) Pentachlorophenol	11.057	266	429362	68.082	ng	98
71) Phenanthrene	11.268	178	1688887	39.436	ng	100
72) Anthracene	11.321	178	1734788	39.582	ng	99
73) Carbazole	11.474	167	1620804	41.532	ng	99
74) Di-n-butylphthalate	11.810	149	1775827	40.210	ng	99
75) Fluoranthene	12.451	202	1705099	39.671	ng	99
77) Benzidine	12.574	184	974561	112.596	ng	# 94
78) Pyrene	12.680	202	1764114	40.207	ng	99
80) Butylbenzylphthalate	13.304	149	747853	48.139	ng	97
81) Benzo(a)anthracene	13.868	228	1353151	38.445	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	378492	38.926	ng	100
83) Chrysene	13.909	228	1360770	38.671	ng	100
84) Bis(2-ethylhexyl)phtha...	13.862	149	866317	44.427	ng	# 99
85) Di-n-octyl phthalate	14.474	149	1453631	45.718	ng	97
87) Indeno(1,2,3-cd)pyrene	16.680	276	1182058	48.401	ng	98
88) Benzo(b)fluoranthene	14.892	252	1143187	41.852	ng	99
89) Benzo(k)fluoranthene	14.921	252	1153426	42.598	ng	99
90) Benzo(a)pyrene	15.239	252	982823	39.531	ng	99
91) Dibenzo(a,h)anthracene	16.692	278	974285	47.831	ng	98
92) Benzo(g,h,i)perylene	17.098	276	987193	49.090	ng	96

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

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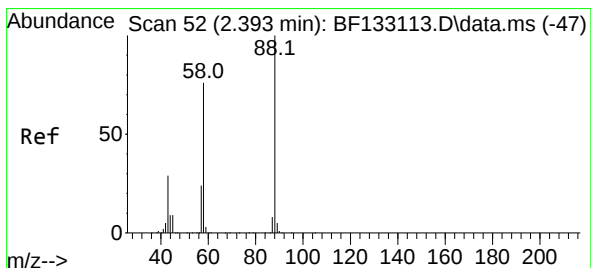
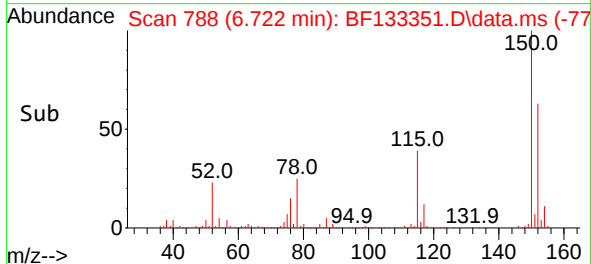
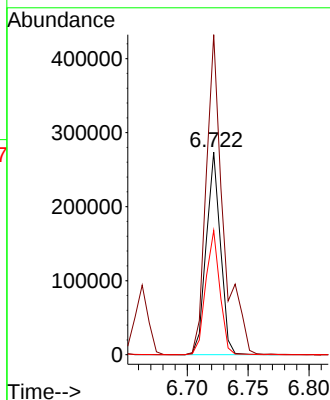
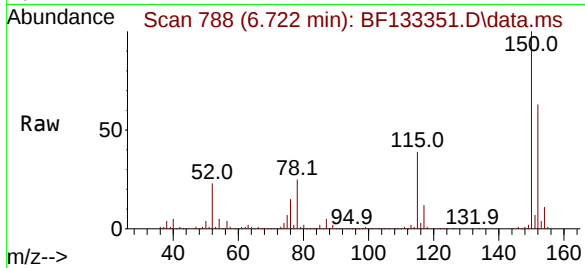




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133351.D
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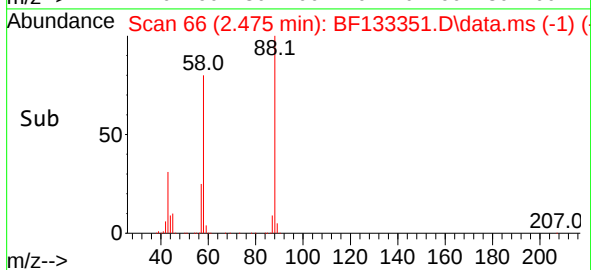
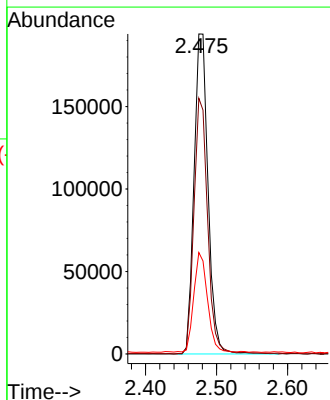
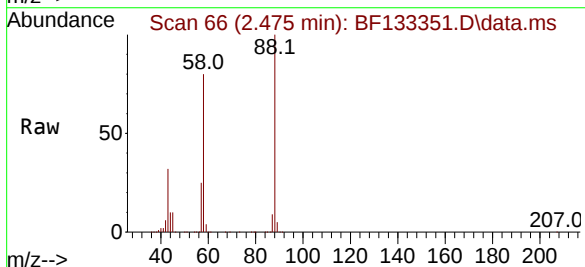
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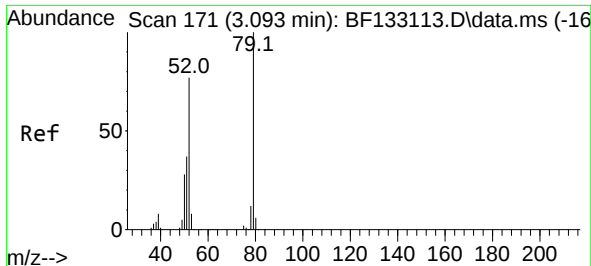
Tgt Ion:152 Resp: 220994
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.8 187.2
 115 61.3 49.9 74.9



#2
 1,4-Dioxane
 Concen: 39.347 ng
 RT: 2.475 min Scan# 66
 Delta R.T. 0.106 min
 Lab File: BF133351.D
 Acq: 11 May 2023 12:48

Tgt Ion: 88 Resp: 266999
 Ion Ratio Lower Upper
 88 100
 58 78.3 64.7 97.1
 43 30.2 26.2 39.2

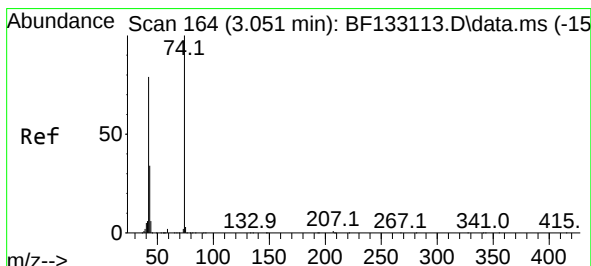
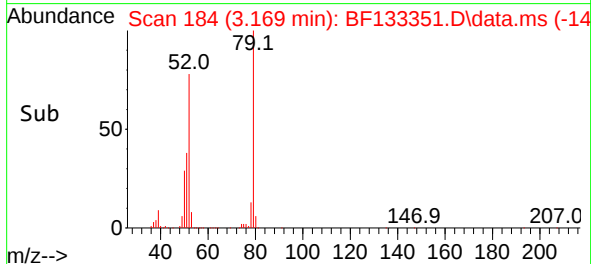
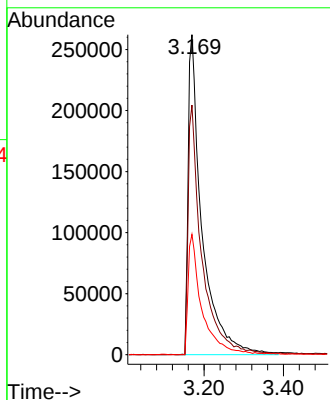
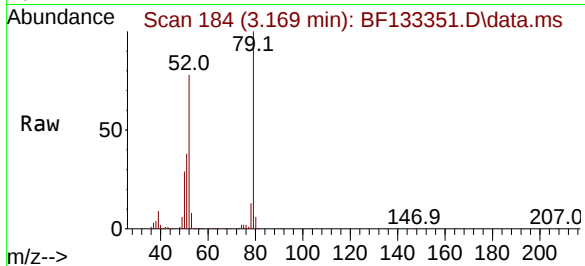




#3
Pyridine
Concen: 35.306 ng
RT: 3.169 min Scan# 11
Delta R.T. 0.106 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

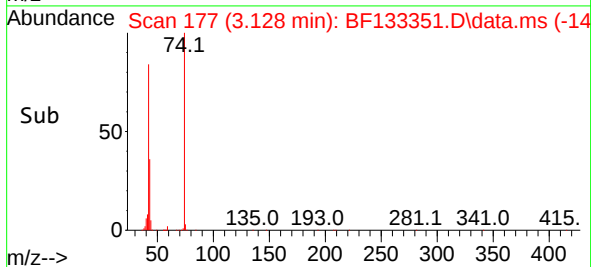
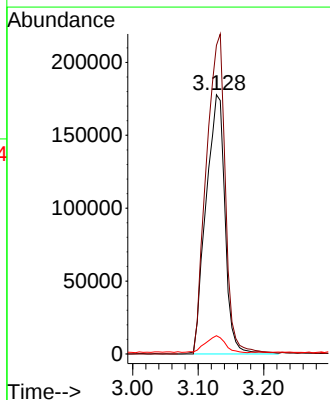
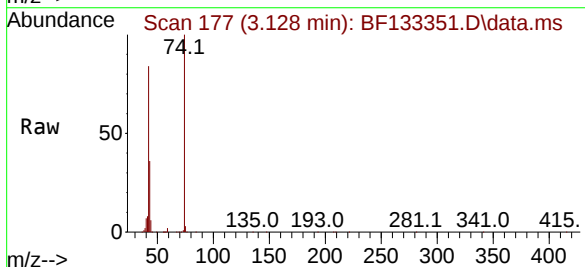
Instrument :
BNA_F
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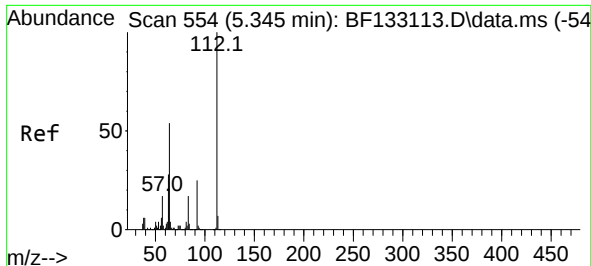
Tgt Ion: 79 Resp: 636305
Ion Ratio Lower Upper
79 100
52 78.0 64.6 96.8
51 37.6 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 38.321 ng
RT: 3.128 min Scan# 177
Delta R.T. 0.094 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Tgt Ion: 42 Resp: 357729
Ion Ratio Lower Upper
42 100
74 119.1 98.0 147.0
44 7.1 5.8 8.8

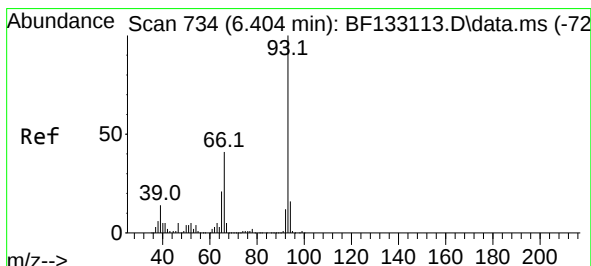
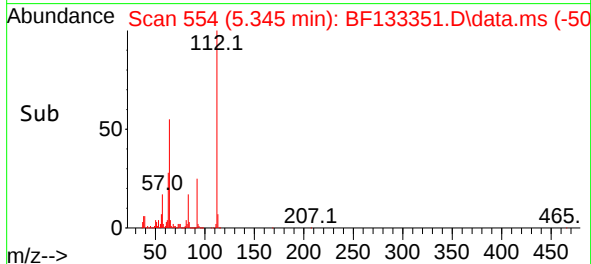
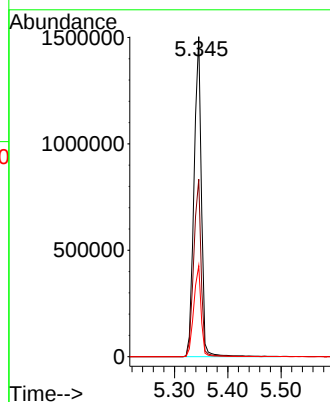
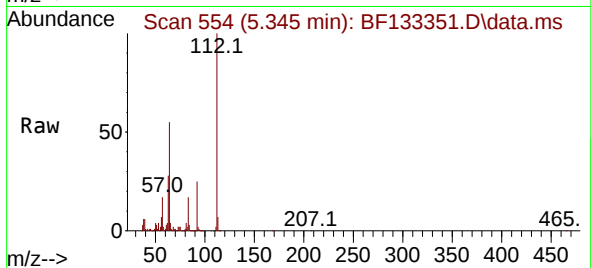




#5
2-Fluorophenol
Concen: 99.004 ng
RT: 5.345 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

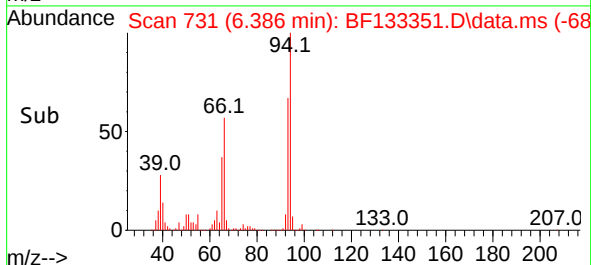
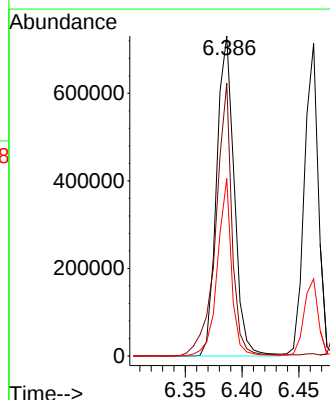
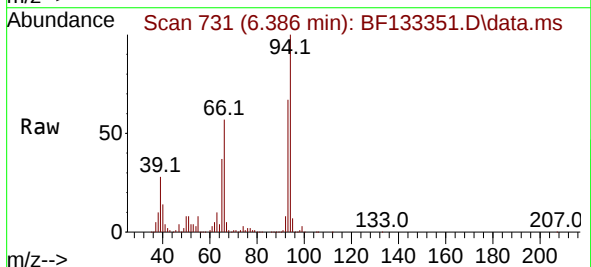
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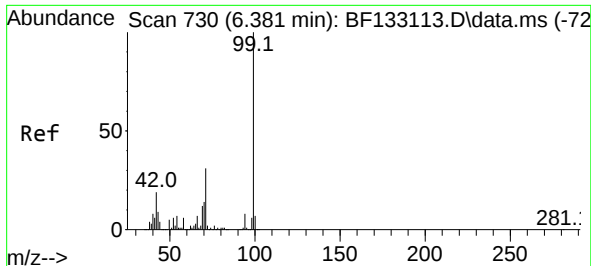
Tgt Ion:112 Resp: 1448373
Ion Ratio Lower Upper
112 100
64 55.4 46.8 70.2
63 28.4 23.8 35.8



#6
Aniline
Concen: 33.602 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Tgt Ion: 93 Resp: 785858
Ion Ratio Lower Upper
93 100
66 85.2 31.5 47.3#
65 55.4 16.4 24.6#





#7

Phenol-d6

Concen: 95.485 ng

RT: 6.375 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB152690BS

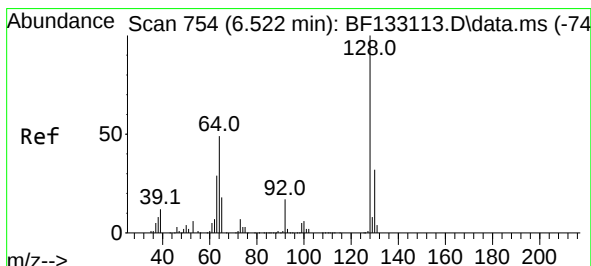
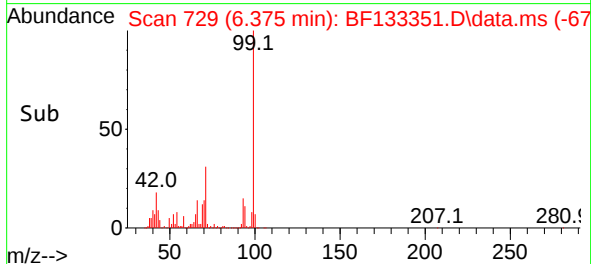
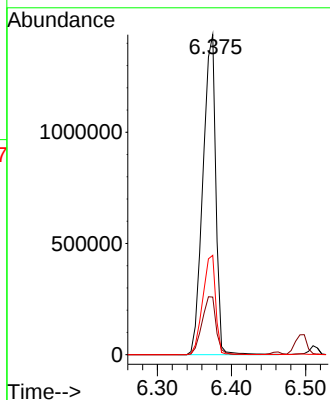
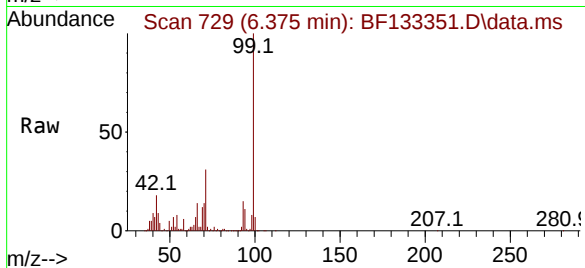
Tgt Ion: 99 Resp: 1733833

Ion Ratio Lower Upper

99 100

42 18.0 16.3 24.5

71 31.0 25.6 38.4



#8

2-Chlorophenol

Concen: 42.854 ng

RT: 6.510 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF133351.D

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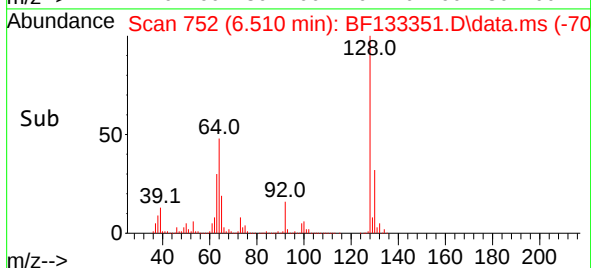
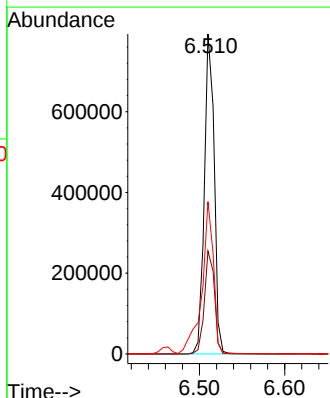
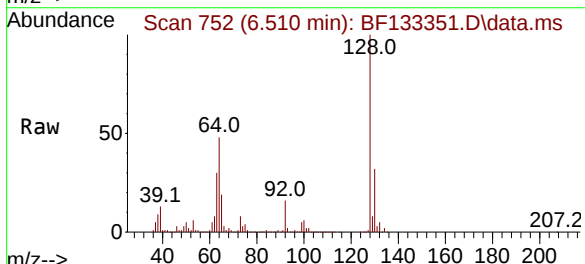
Tgt Ion:128 Resp: 636532

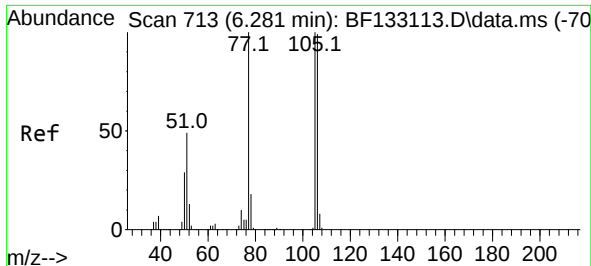
Ion Ratio Lower Upper

128 100

130 32.1 12.2 52.2

64 47.6 30.3 70.3

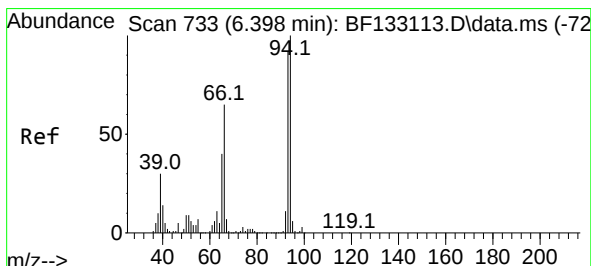
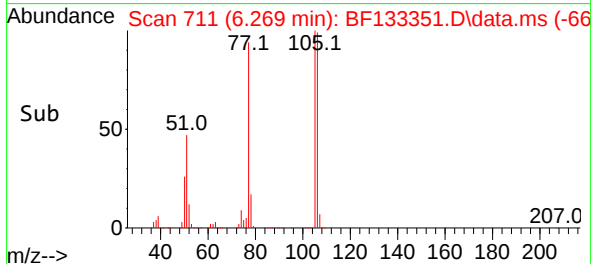
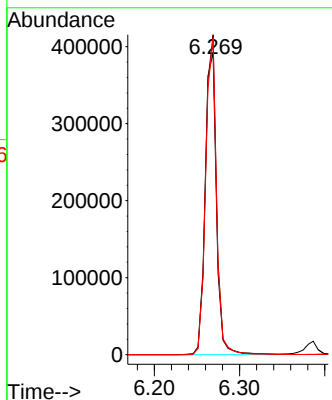
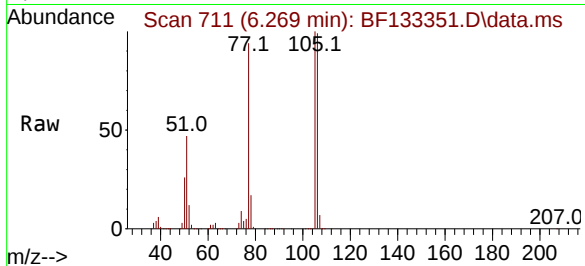




#9
Benzaldehyde
Concen: 45.129 ng
RT: 6.269 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

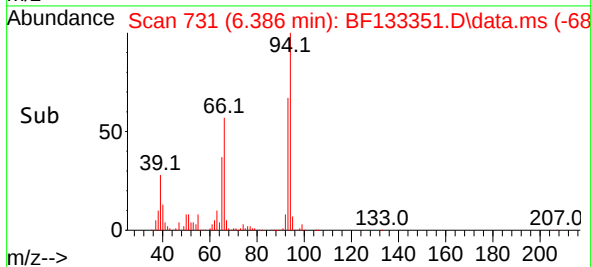
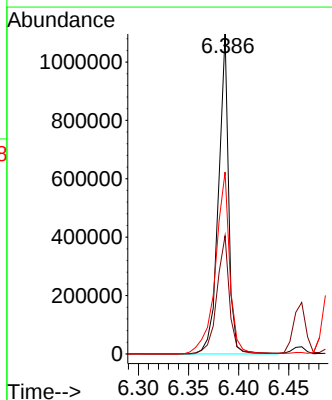
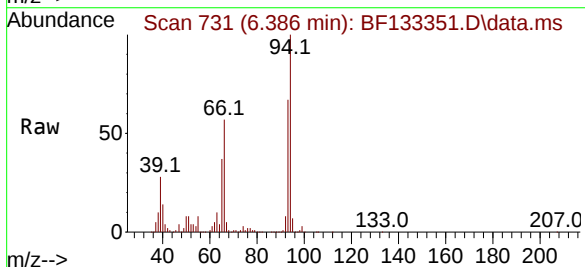
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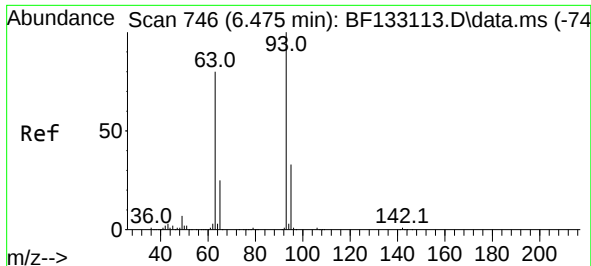
Tgt Ion: 77 Resp: 361668
Ion Ratio Lower Upper
77 100
105 106.0 82.3 122.3
106 104.6 80.8 120.8



#10
Phenol
Concen: 38.592 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Tgt Ion: 94 Resp: 773078
Ion Ratio Lower Upper
94 100
65 37.0 8.6 48.6
66 56.8 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 40.276 ng

RT: 6.463 min Scan# 746

Delta R.T. -0.000 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB152690BS

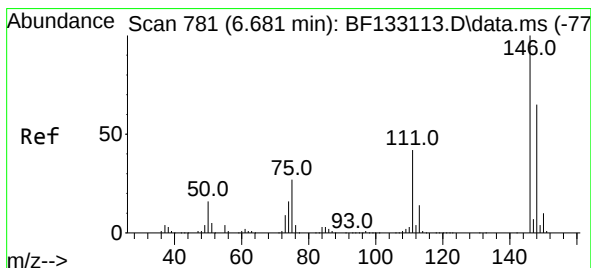
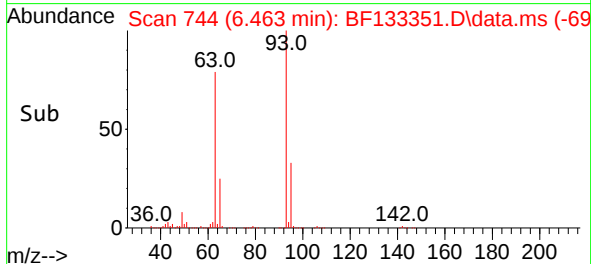
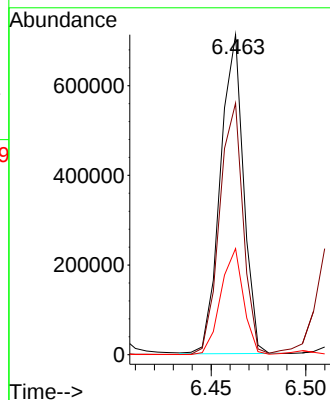
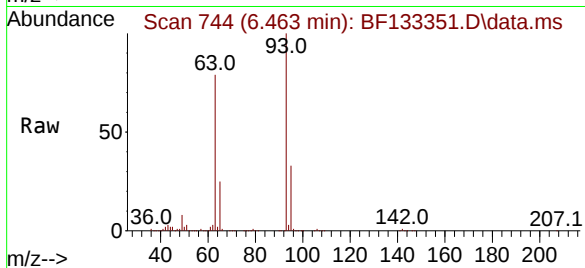
Tgt Ion: 93 Resp: 605438

Ion Ratio Lower Upper

93 100

63 78.6 60.6 100.6

95 33.1 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 43.365 ng

RT: 6.663 min Scan# 778

Delta R.T. -0.000 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

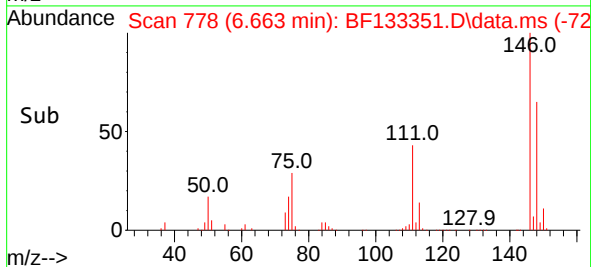
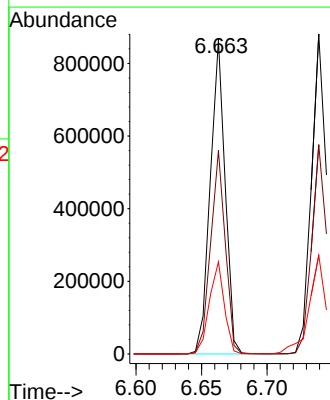
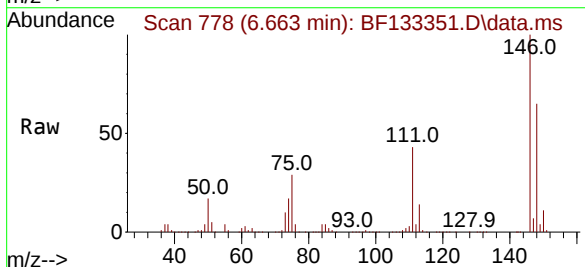
Tgt Ion: 146 Resp: 684822

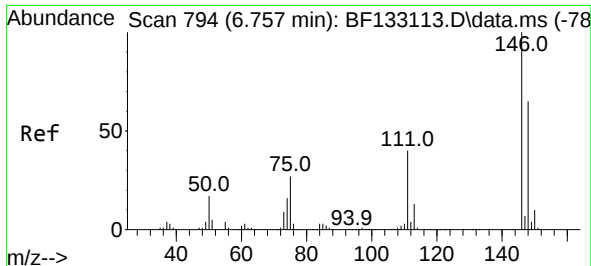
Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.4

75 29.3 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 43.995 ng

RT: 6.739 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB152690BS

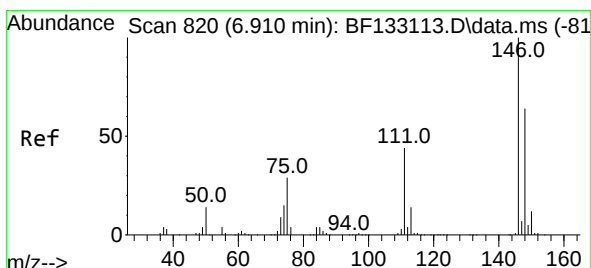
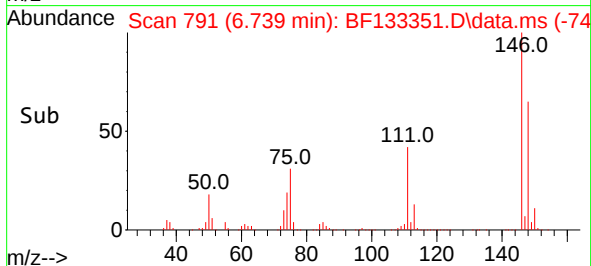
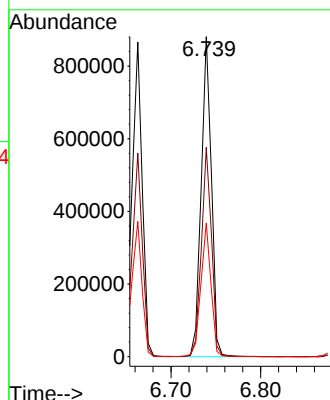
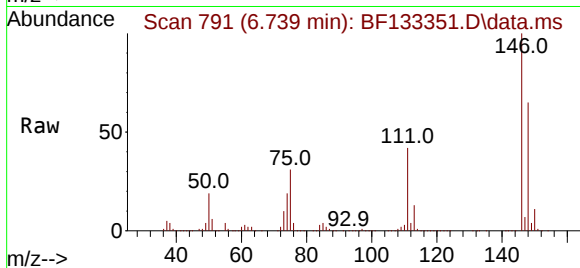
Tgt Ion:146 Resp: 696313

Ion Ratio Lower Upper

146 100

148 65.4 50.3 75.5

111 41.8 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 44.614 ng

RT: 6.892 min Scan# 817

Delta R.T. -0.006 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

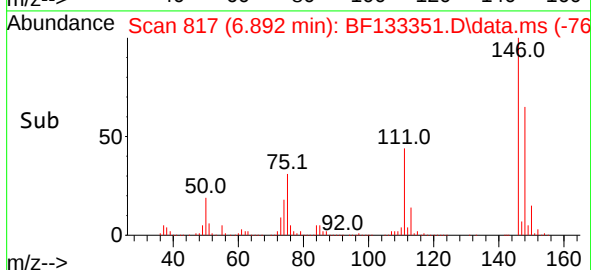
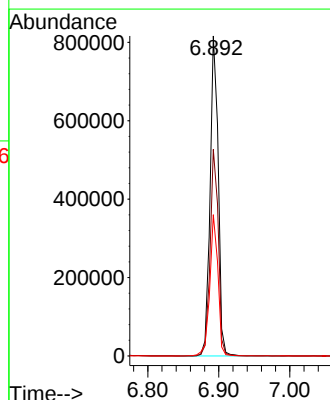
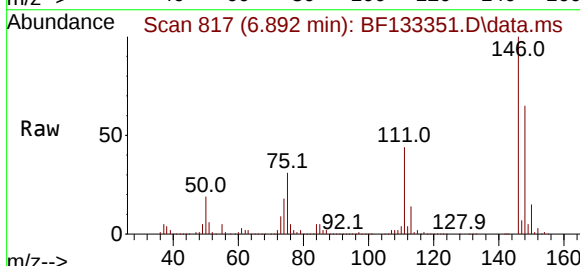
Tgt Ion:146 Resp: 650993

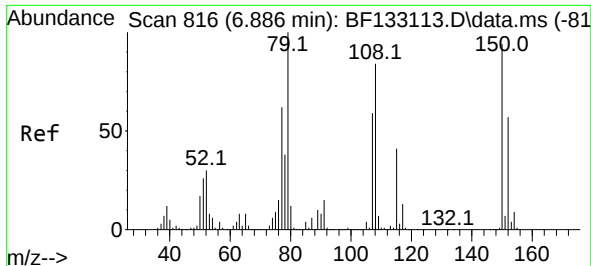
Ion Ratio Lower Upper

146 100

148 64.5 52.2 78.2

111 44.1 32.8 49.2

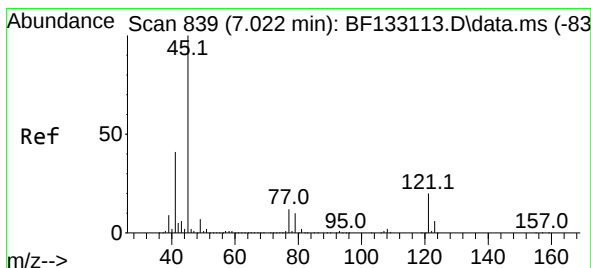
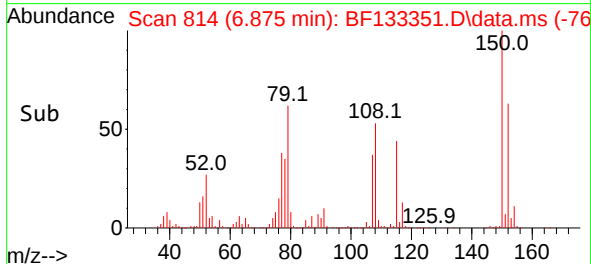
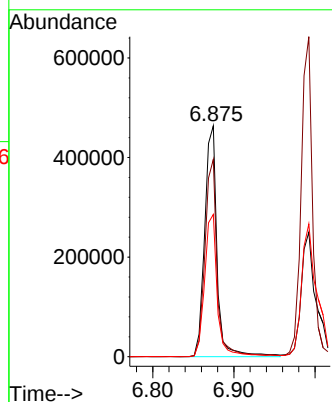
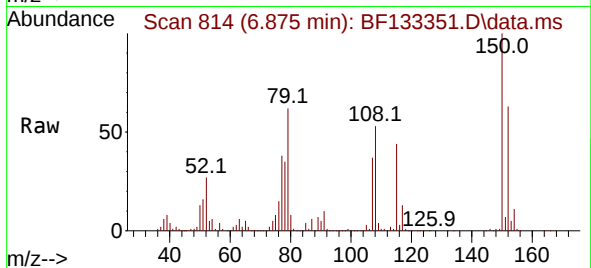




#15
Benzyl Alcohol
Concen: 39.195 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

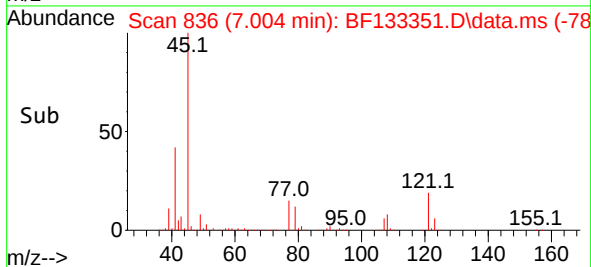
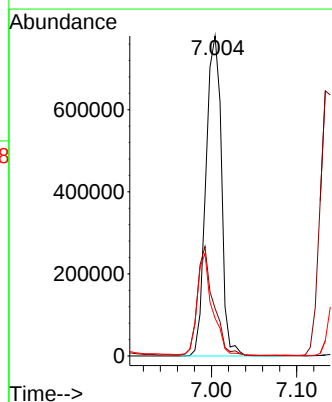
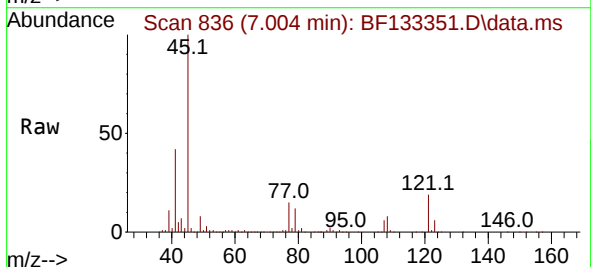
Instrument :
BNA_F
ClientSampleId :
PB152690BS

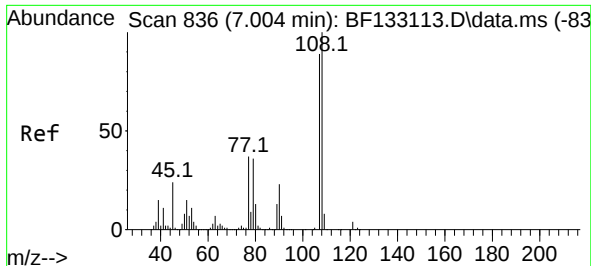
Tgt Ion: 79 Resp: 491619
Ion Ratio Lower Upper
79 100
108 85.4 66.6 99.8
77 61.6 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.709 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

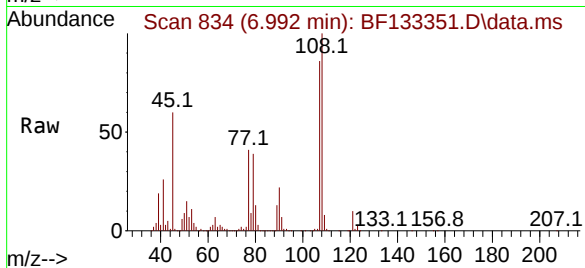
Tgt Ion: 45 Resp: 984547
Ion Ratio Lower Upper
45 100
77 14.9 0.0 31.5
79 11.7 0.0 28.7



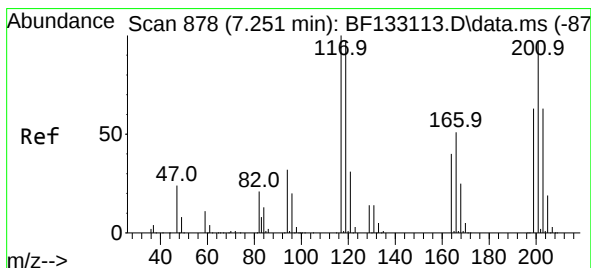
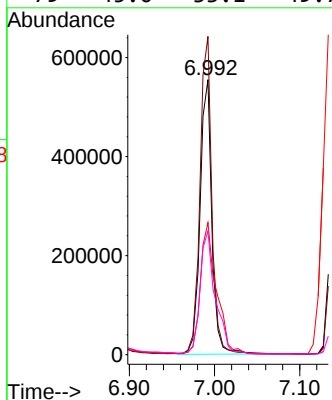
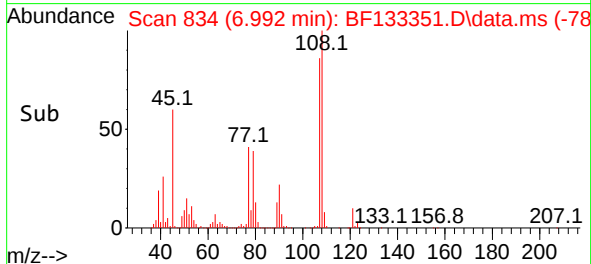


#17
2-Methylphenol
Concen: 39.241 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Instrument :
BNA_F
ClientSampleId :
PB152690BS

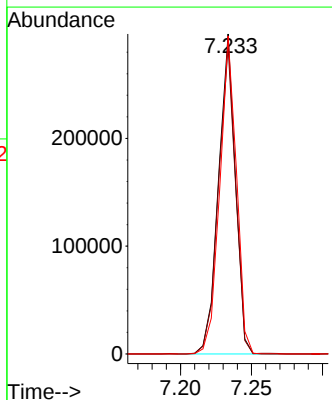
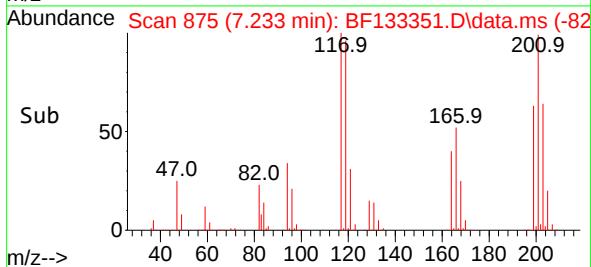
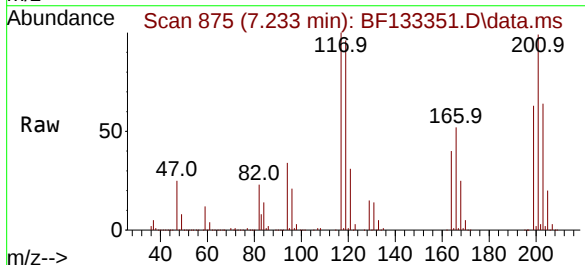


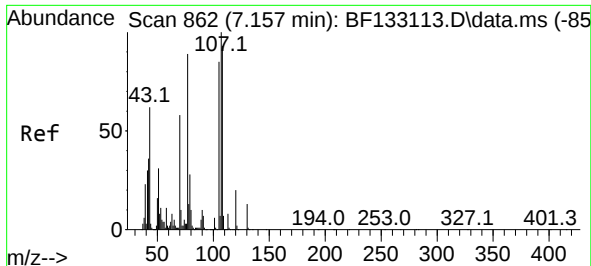
Tgt Ion:	107	Resp:	533731
Ion	Ratio	Lower	Upper
107	100		
108	115.7	92.4	138.6
77	48.0	33.8	50.8
79	45.0	33.1	49.7



#18
Hexachloroethane
Concen: 44.426 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Tgt Ion:	117	Resp:	244457
Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.2	117.4
201	99.4	81.7	122.5



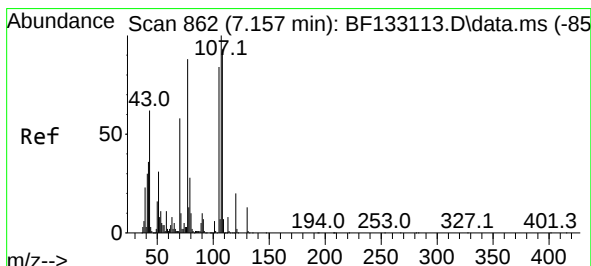
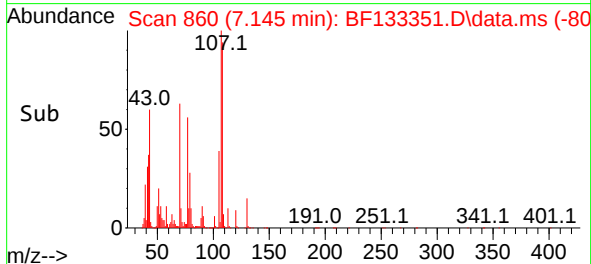
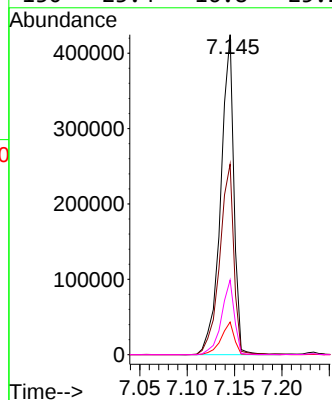
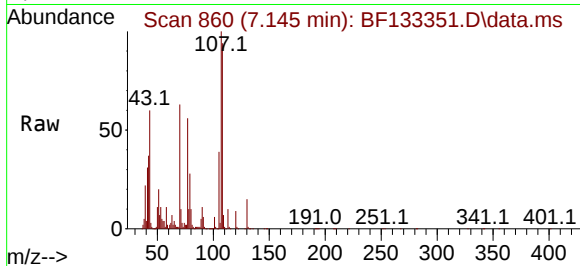


#19
n-Nitroso-di-n-propylamine
Concen: 36.439 ng
RT: 7.145 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Instrument :
BNA_F
ClientSampleId :
PB152690BS

Tgt Ion: 70 Resp: 411923

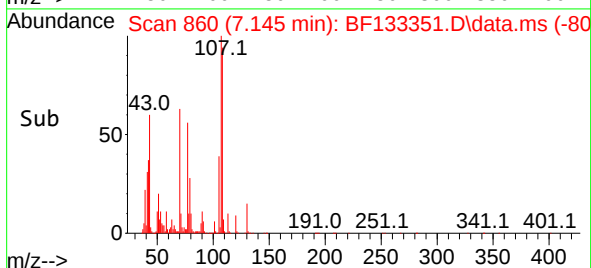
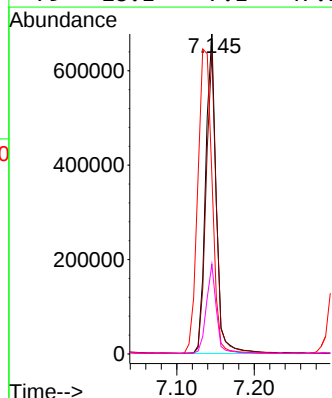
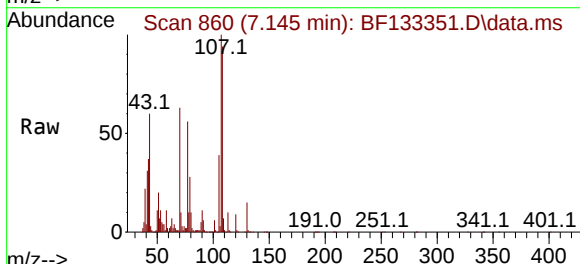
Ion	Ratio	Lower	Upper
70	100		
42	59.6	51.8	77.6
101	10.2	8.0	12.0
130	23.4	16.8	25.2

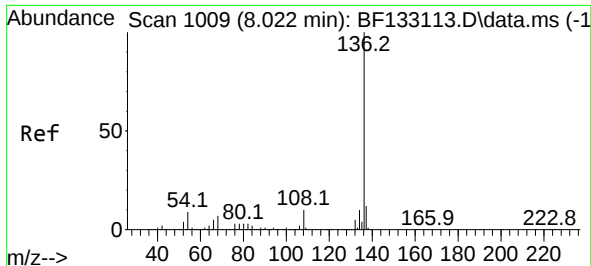


#20
3+4-Methylphenols
Concen: 40.119 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Tgt Ion: 107 Resp: 642617

Ion	Ratio	Lower	Upper
107	100		
108	94.3	70.5	110.5
77	55.7	91.7	131.7#
79	28.1	7.1	47.1

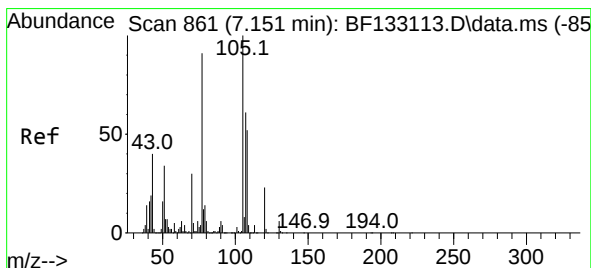
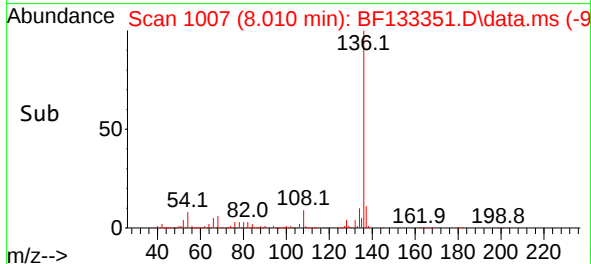
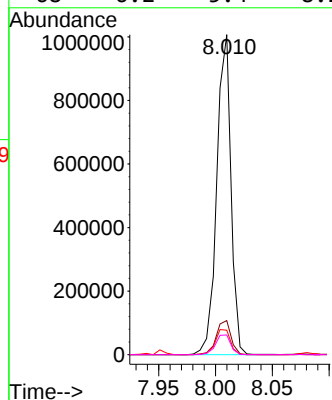
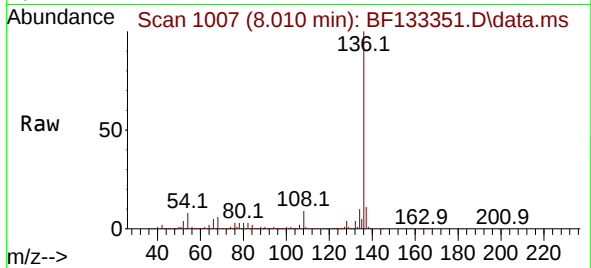




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

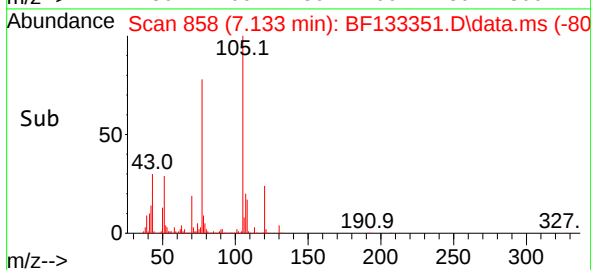
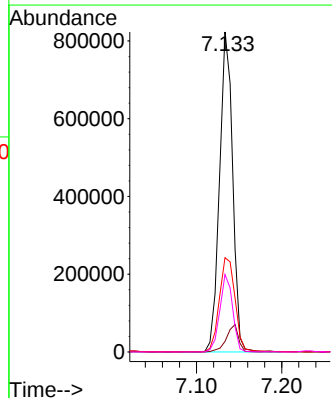
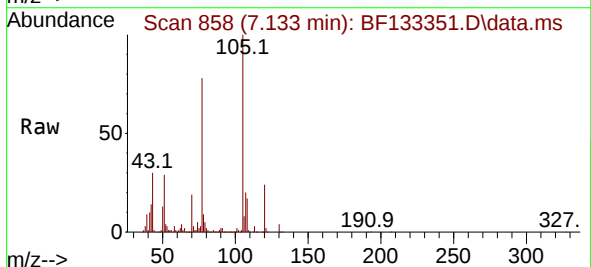
Instrument :
BNA_F
ClientSampleId :
PB152690BS

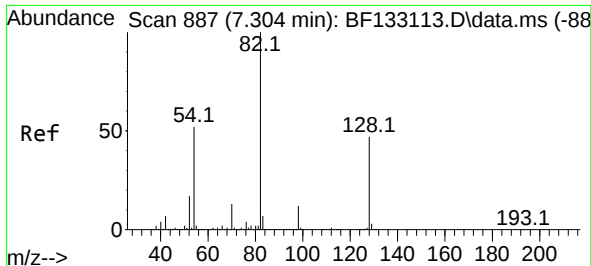
Tgt Ion:136 Resp: 876527
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.6 7.0 10.4
68 6.2 5.4 8.2



#22
Acetophenone
Concen: 43.408 ng
RT: 7.133 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Tgt Ion:105 Resp: 881380
Ion Ratio Lower Upper
105 100
71 3.3 4.6 7.0#
51 29.5 28.2 42.2
120 24.2 18.4 27.6





#23

Nitrobenzene-d5

Concen: 66.329 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.000 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

Instrument :

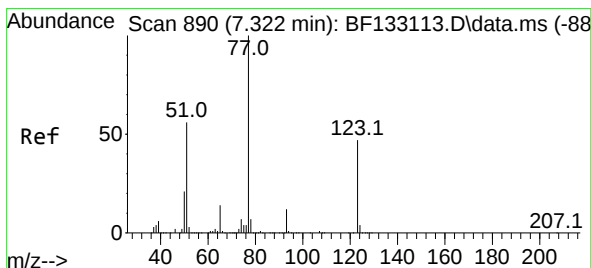
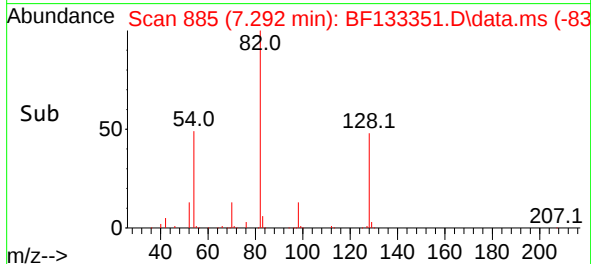
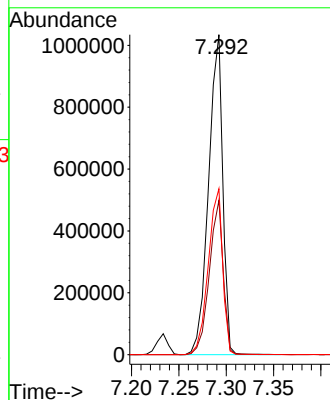
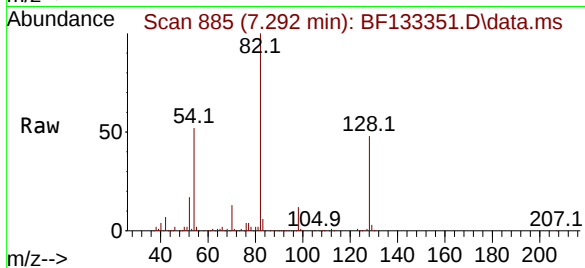
BNA_F

ClientSampleId :

PB152690BS

Tgt Ion: 82 Resp: 1077116

Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.7	56.5
54	51.8	43.0	64.4



#24

Nitrobenzene

Concen: 40.835 ng

RT: 7.310 min Scan# 888

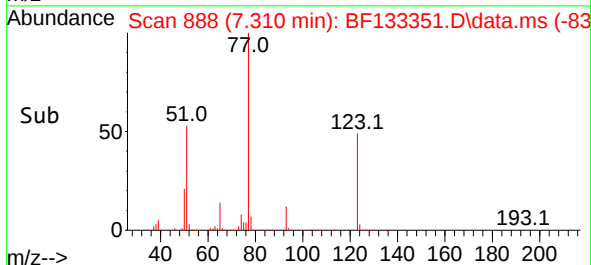
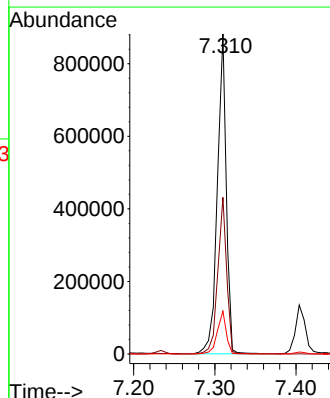
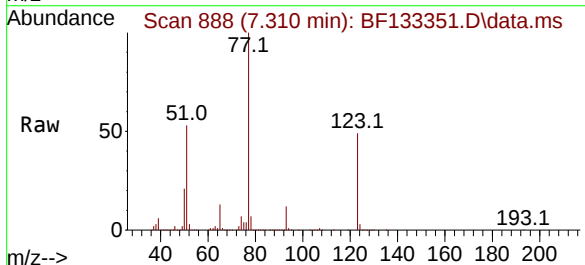
Delta R.T. -0.006 min

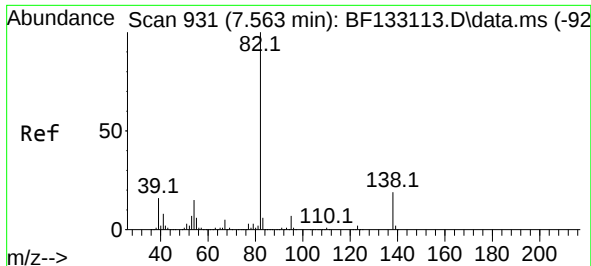
Lab File: BF133351.D

Acq: 11 May 2023 12:48

Tgt Ion: 77 Resp: 671948

Ion	Ratio	Lower	Upper
77	100		
123	49.0	39.9	59.9
65	13.3	10.7	16.1

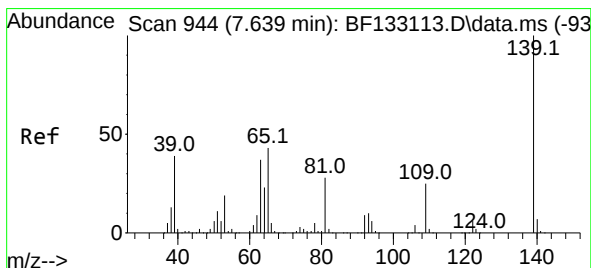
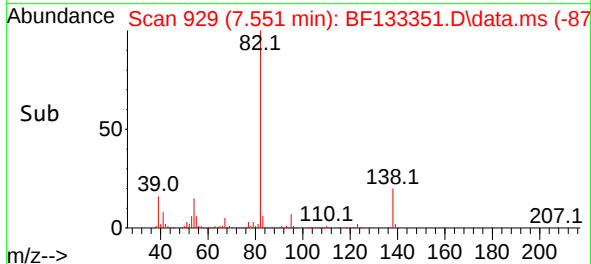
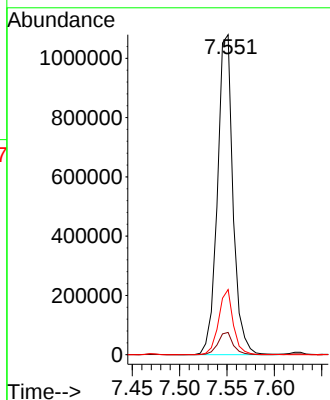
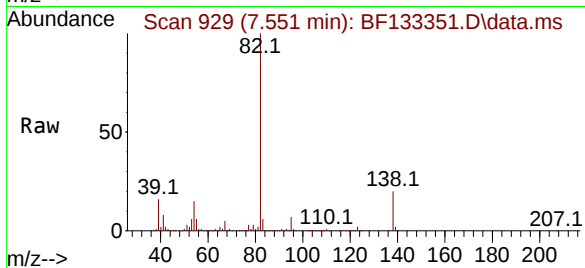




#25
Isophorone
Concen: 40.049 ng
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

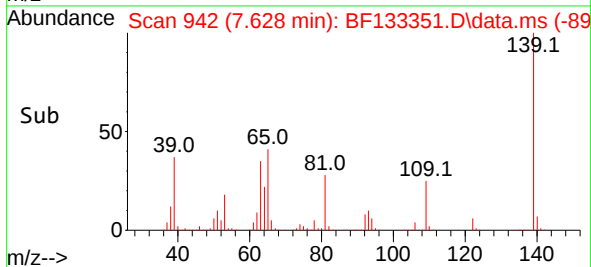
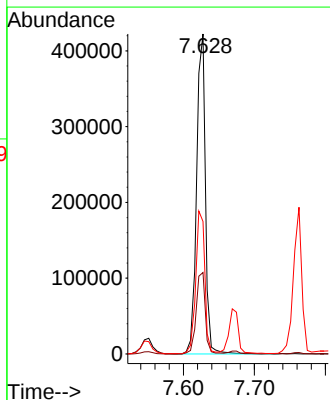
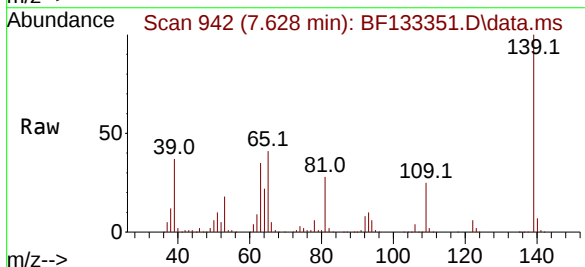
Instrument :
BNA_F
ClientSampleId :
PB152690BS

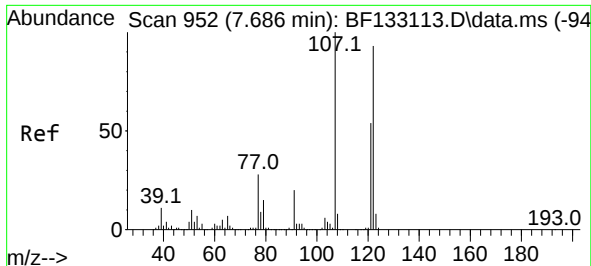
Tgt Ion: 82 Resp: 1234788
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 20.3 16.0 24.0



#26
2-Nitrophenol
Concen: 46.098 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Tgt Ion: 139 Resp: 365873
Ion Ratio Lower Upper
139 100
109 25.5 21.6 32.4
65 41.4 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 43.131 ng

RT: 7.675 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB152690BS

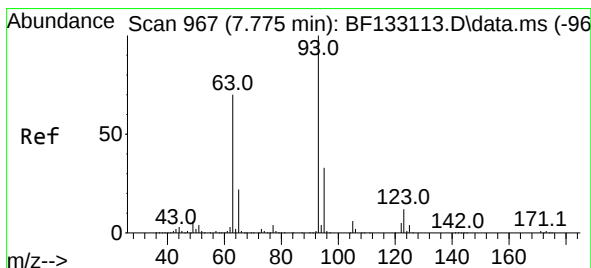
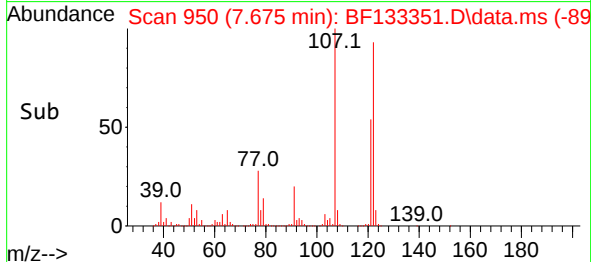
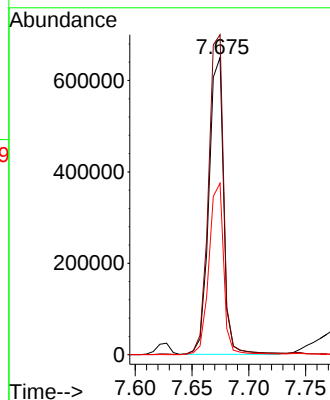
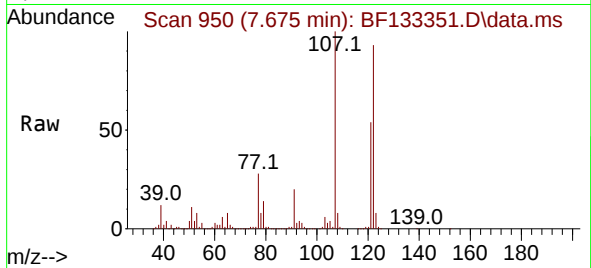
Tgt Ion:122 Resp: 586990

Ion Ratio Lower Upper

122 100

107 107.7 89.7 134.5

121 57.7 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 40.640 ng

RT: 7.763 min Scan# 965

Delta R.T. -0.000 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

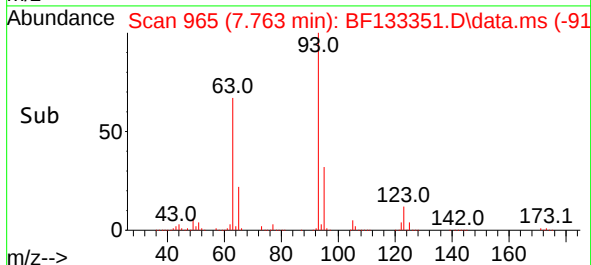
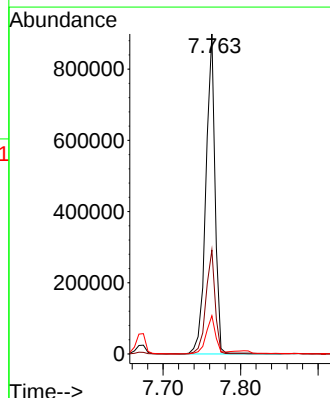
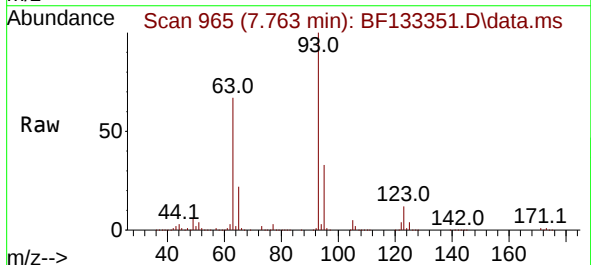
Tgt Ion: 93 Resp: 741265

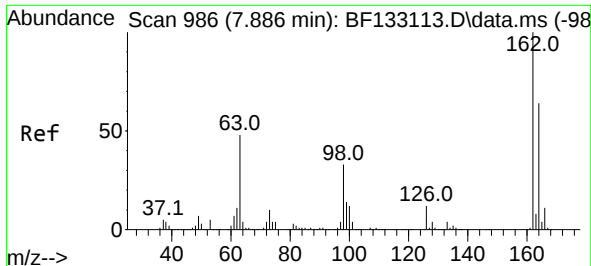
Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

123 12.0 10.3 15.5

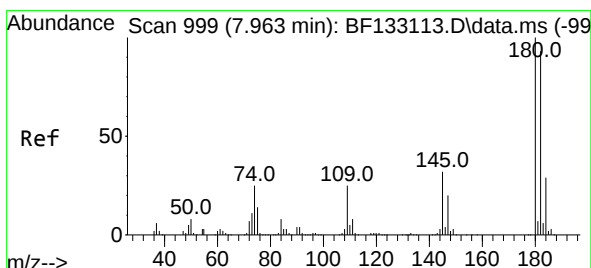
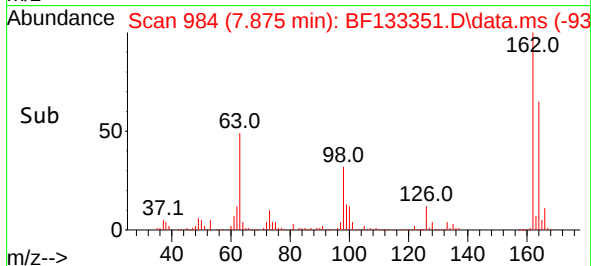
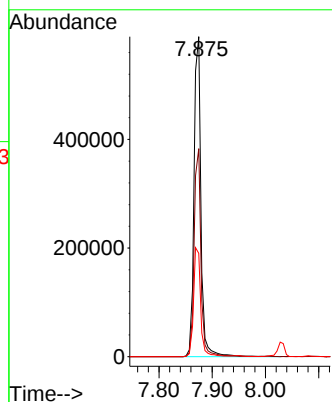
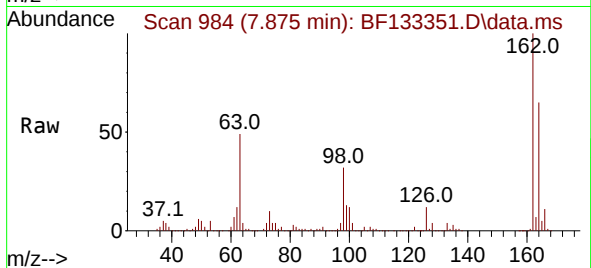




#29
2,4-Dichlorophenol
Concen: 43.092 ng
RT: 7.875 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

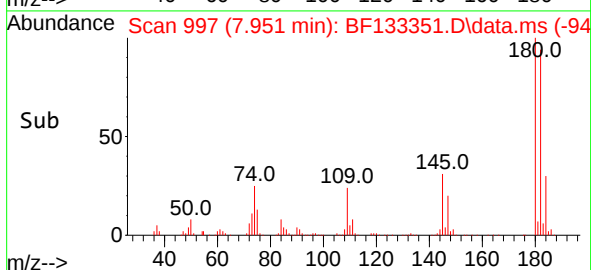
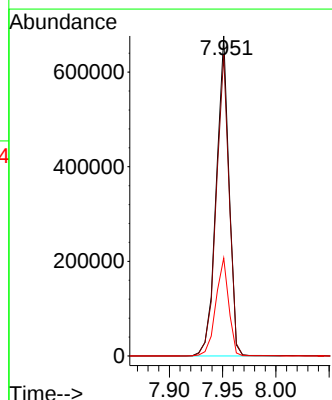
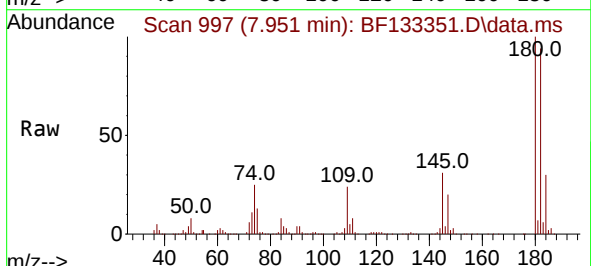
Instrument :
BNA_F
ClientSampleId :
PB152690BS

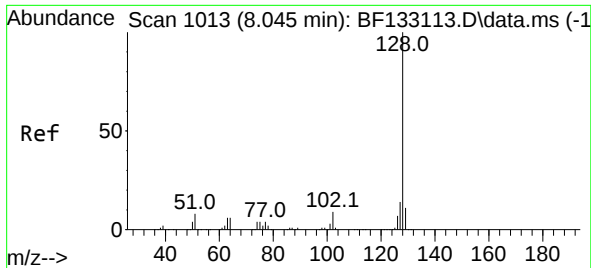
Tgt Ion:162 Resp: 533881
Ion Ratio Lower Upper
162 100
164 65.0 43.9 83.9
98 32.3 17.0 57.0



#30
1,2,4-Trichlorobenzene
Concen: 43.741 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Tgt Ion:180 Resp: 561426
Ion Ratio Lower Upper
180 100
182 94.1 75.9 113.9
145 30.6 25.3 37.9

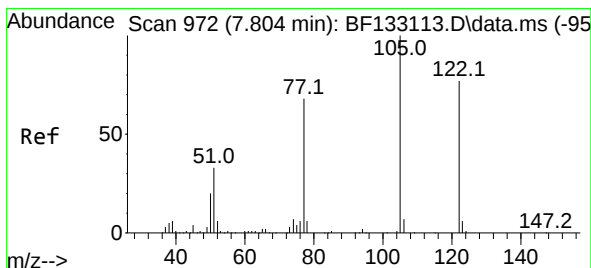
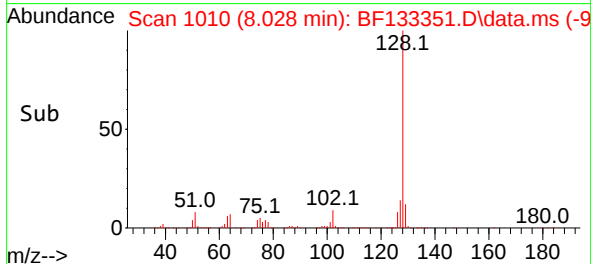
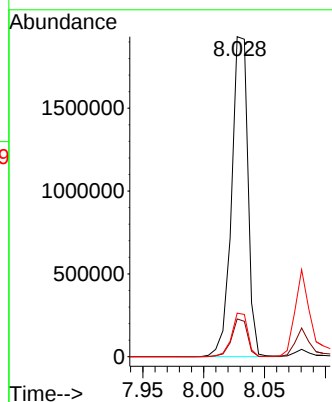
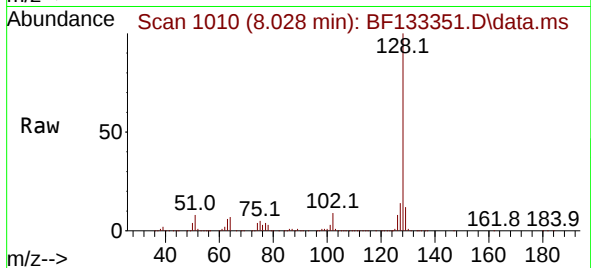




#31
Naphthalene
Concen: 41.312 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

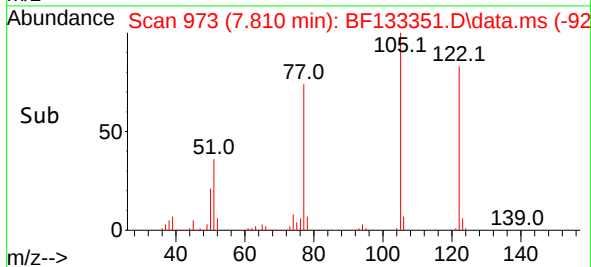
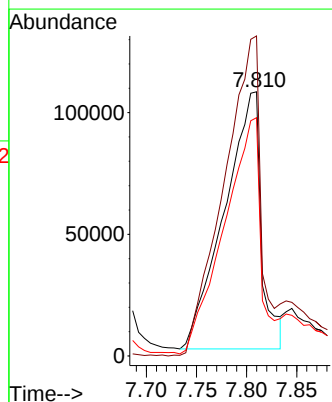
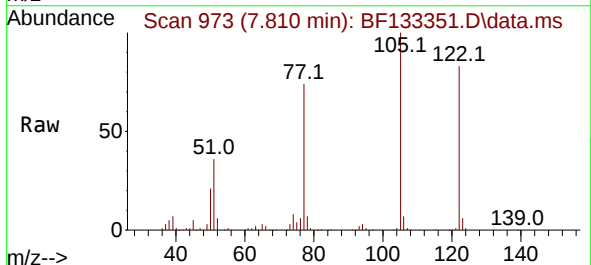
Instrument :
BNA_F
ClientSampleId :
PB152690BS

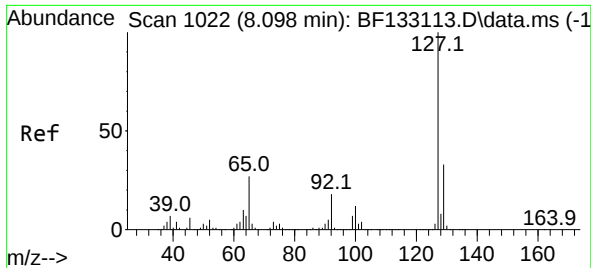
Tgt Ion:128 Resp: 1810453
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 32.259 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.006 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Tgt Ion:122 Resp: 271186
Ion Ratio Lower Upper
122 100
105 121.1 104.2 144.2
77 90.2 69.7 109.7

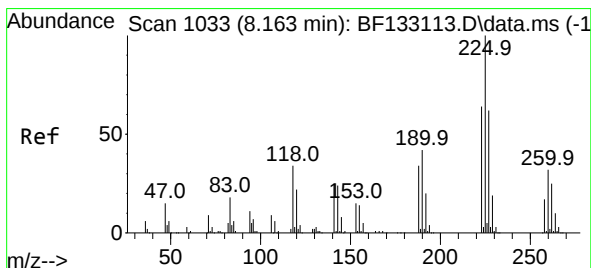
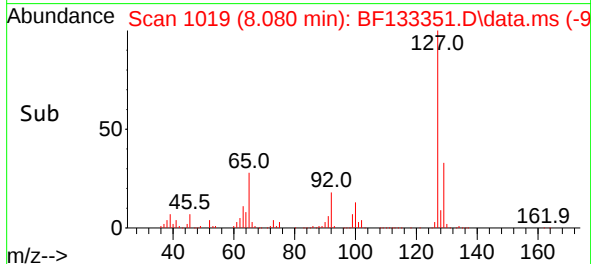
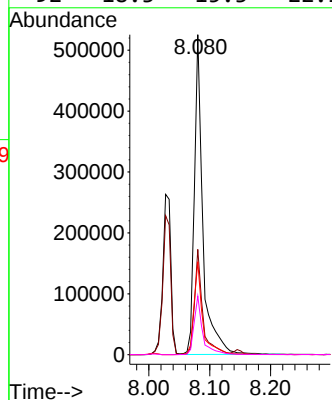
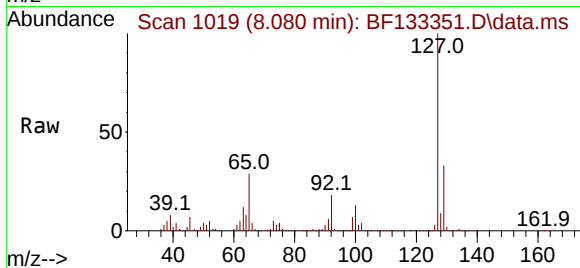




#33
4-Chloroaniline
Concen: 28.791 ng
RT: 8.080 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

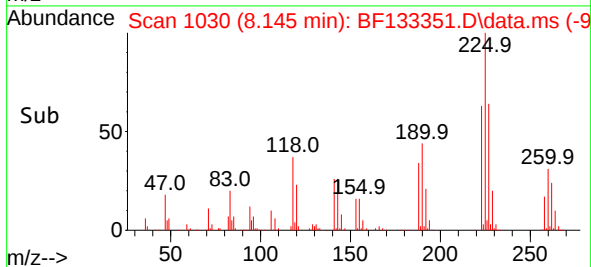
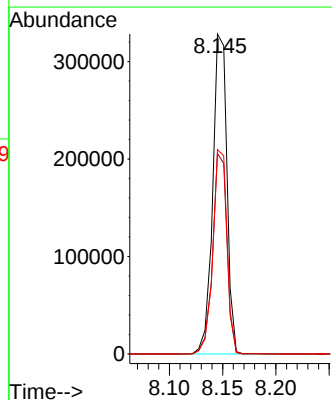
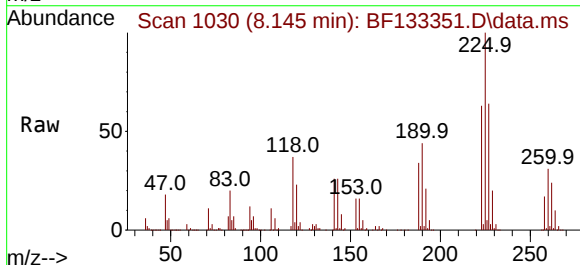
Instrument :
BNA_F
ClientSampleId :
PB152690BS

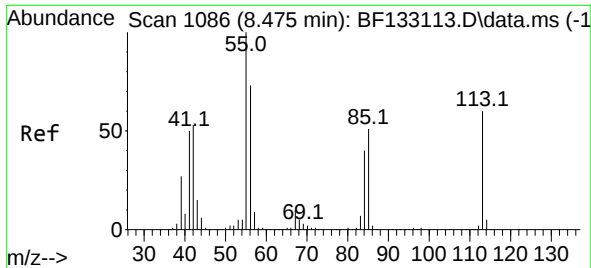
Tgt Ion:127	Resp: 509781
Ion Ratio	Lower Upper
127 100	
129 32.9	25.8 38.8
65 29.0	23.6 35.4
92 18.3	15.3 22.9



#34
Hexachlorobutadiene
Concen: 42.714 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Tgt Ion:225	Resp: 303865		
Ion Ratio	Lower	Upper	
225	100		
223	62.7	50.9	76.3
227	63.8	50.3	75.5

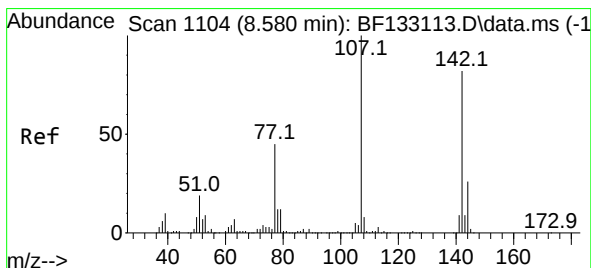
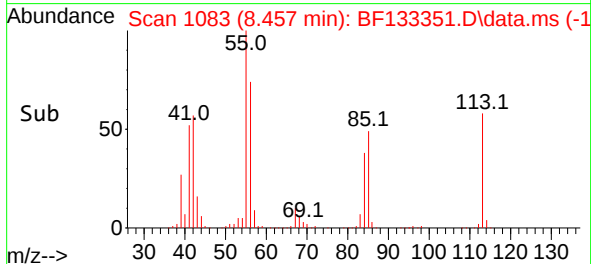
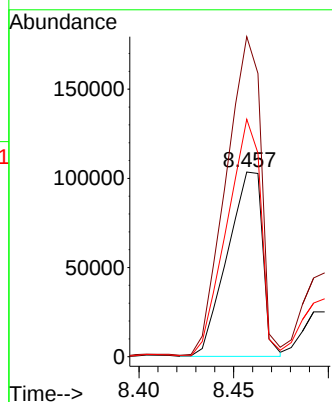
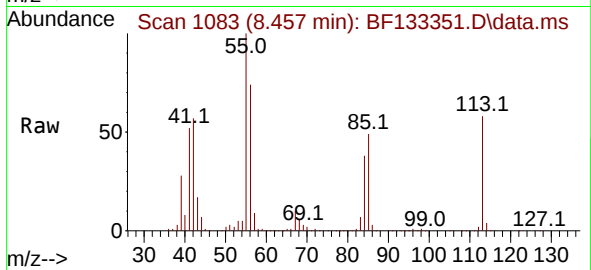




#35
 Caprolactam
 Concen: 32.004 ng
 RT: 8.457 min Scan# 1083
 Delta R.T. -0.006 min
 Lab File: BF133351.D
 Acq: 11 May 2023 12:48

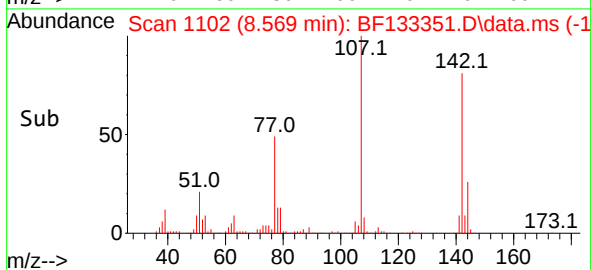
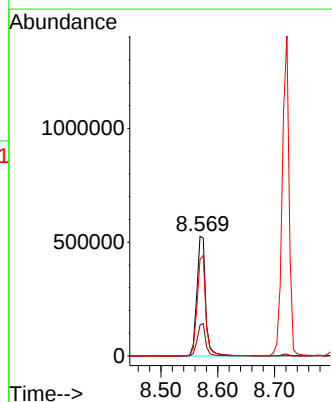
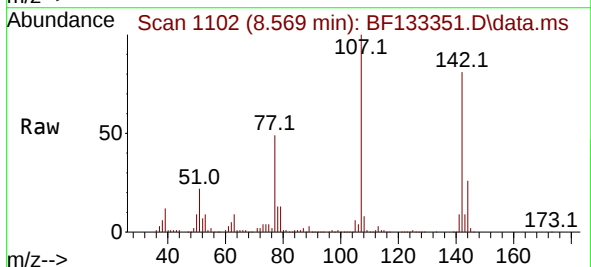
Instrument :
 BNA_F
 ClientSampleId :
 PB152690BS

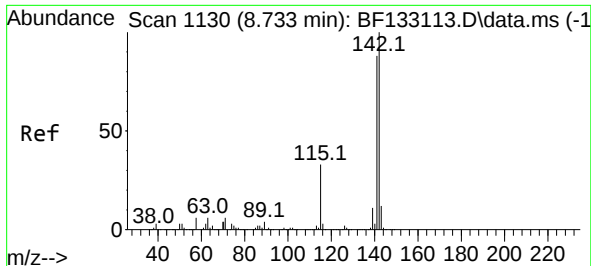
Tgt Ion:113 Resp: 133201
 Ion Ratio Lower Upper
 113 100
 55 173.2 167.1 207.1
 56 128.5 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 42.445 ng
 RT: 8.569 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: BF133351.D
 Acq: 11 May 2023 12:48

Tgt Ion:107 Resp: 567082
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.6 30.8
 142 80.7 62.8 94.2





#37

2-Methylnaphthalene

Concen: 39.484 ng

RT: 8.722 min Scan# 1128

Delta R.T. -0.000 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

Instrument :

BNA_F

ClientSampleId :

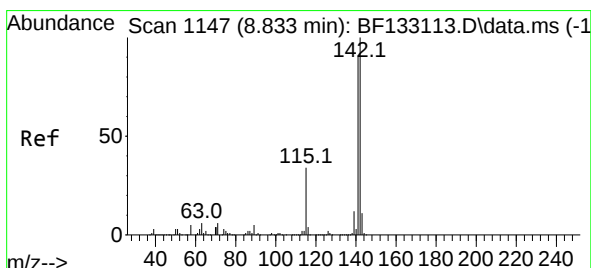
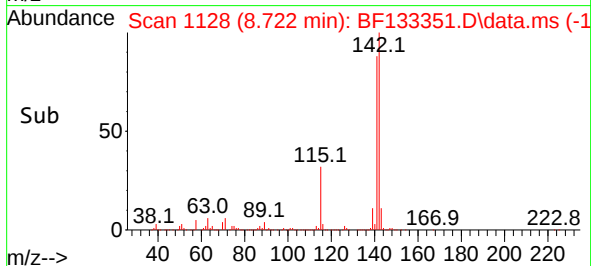
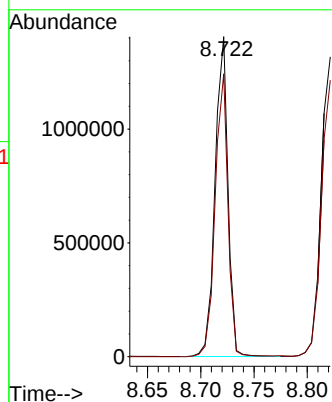
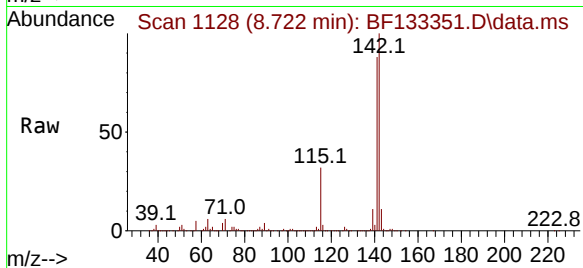
PB152690BS

Tgt Ion:142 Resp: 1182984

Ion Ratio Lower Upper

142 100

141 88.4 69.4 104.0



#38

1-Methylnaphthalene

Concen: 39.740 ng

RT: 8.822 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BF133351.D

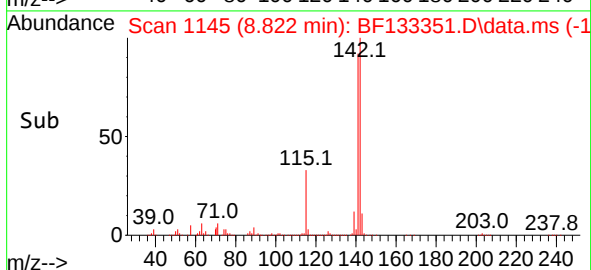
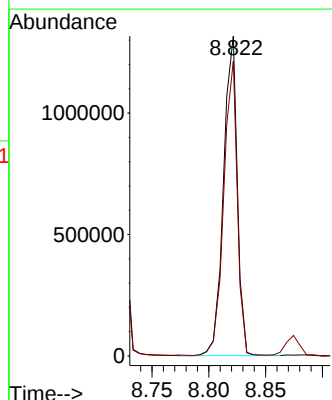
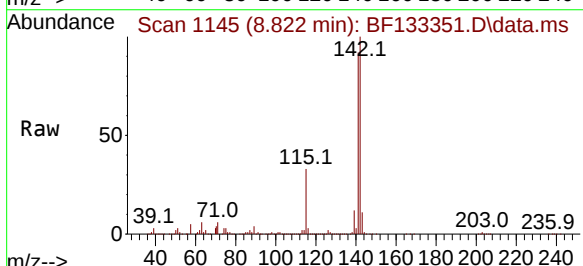
Acq: 11 May 2023 12:48

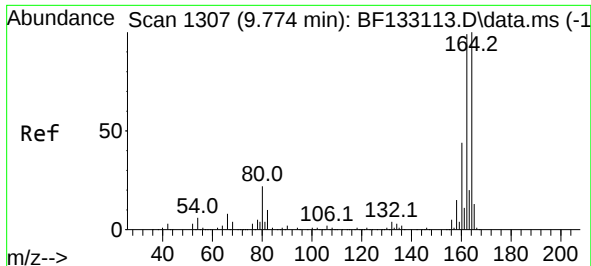
Tgt Ion:142 Resp: 1113839

Ion Ratio Lower Upper

142 100

141 92.2 73.1 109.7

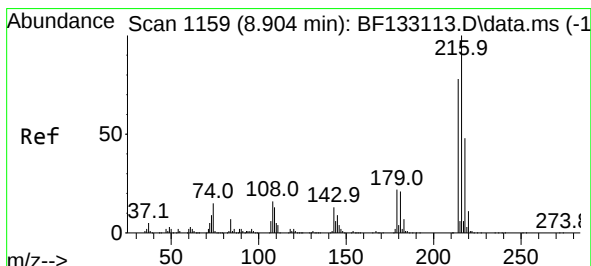
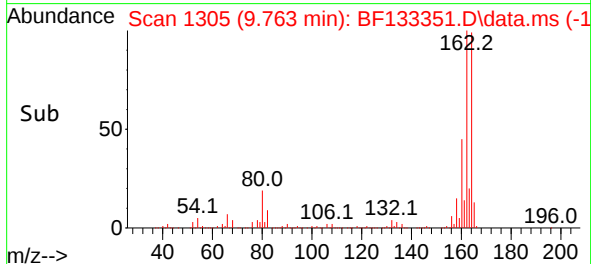
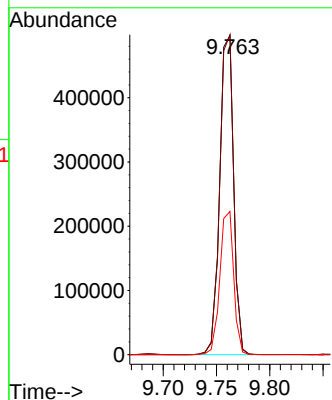
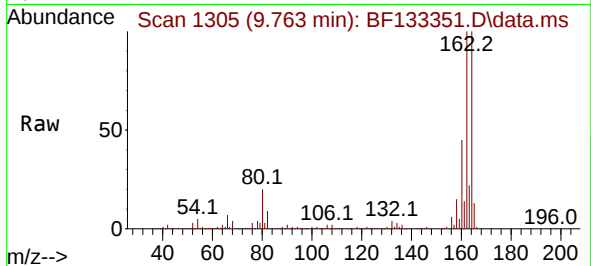




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

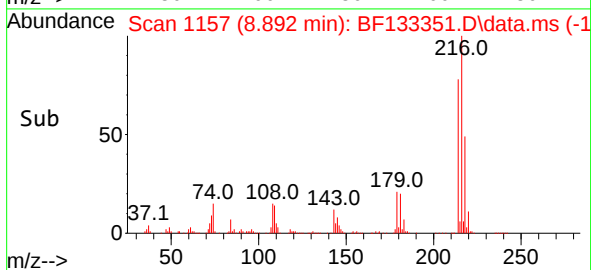
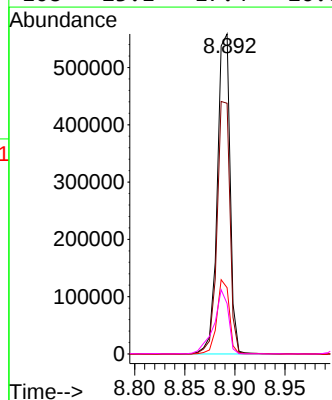
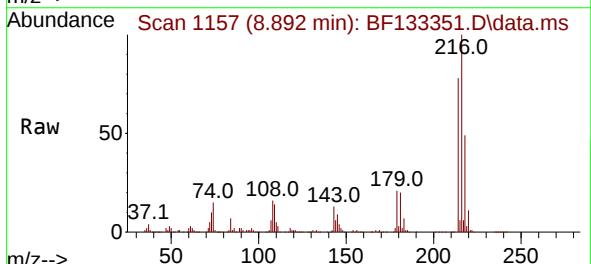
Instrument :
BNA_F
ClientSampleId :
PB152690BS

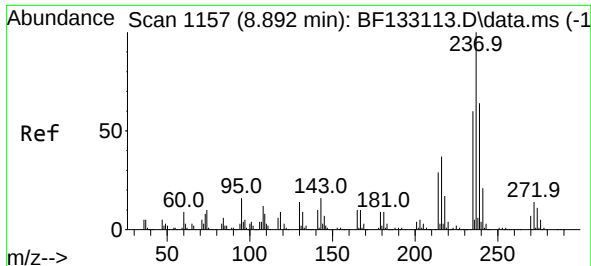
Tgt Ion:164 Resp: 449858
Ion Ratio Lower Upper
164 100
162 100.3 78.7 118.1
160 44.9 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.784 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Tgt Ion:216 Resp: 493295
Ion Ratio Lower Upper
216 100
214 79.8 63.5 95.3
179 22.4 17.4 26.2
108 23.1 17.4 26.0

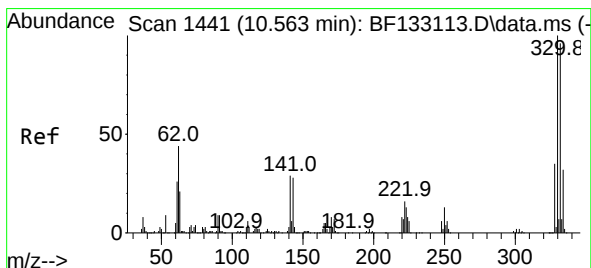
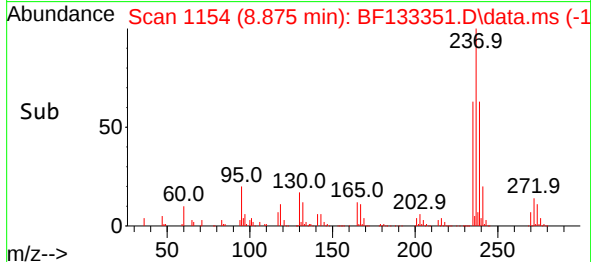
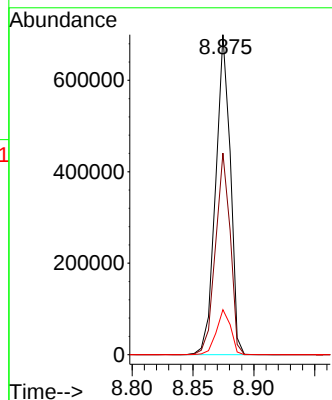
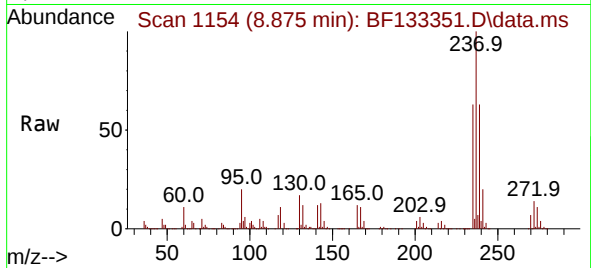




#41
Hexachlorocyclopentadiene
Concen: 82.911 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

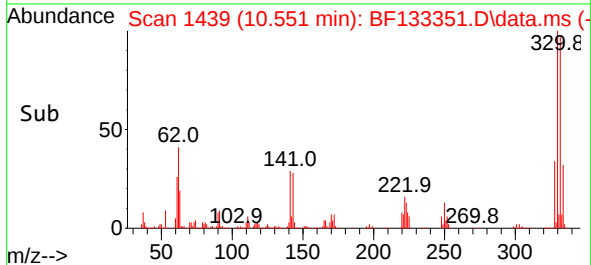
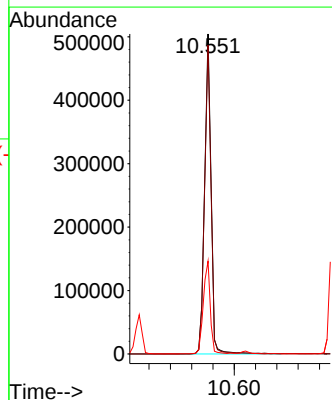
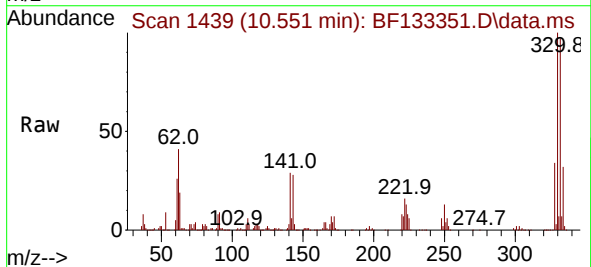
Instrument :
BNA_F
ClientSampleId :
PB152690BS

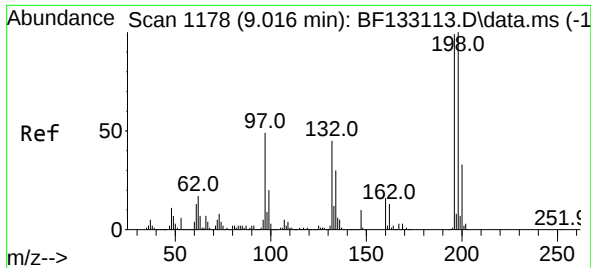
Tgt Ion:237 Resp: 584862
Ion Ratio Lower Upper
237 100
235 63.0 43.5 83.5
272 14.1 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 93.858 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Tgt Ion:330 Resp: 424631
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 31.3 25.8 38.8

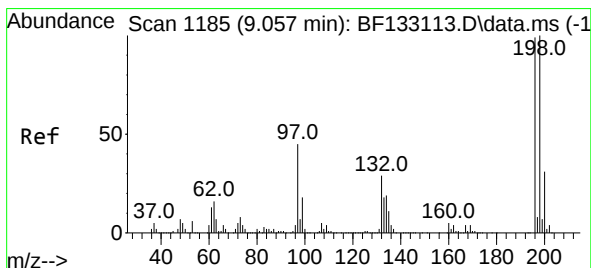
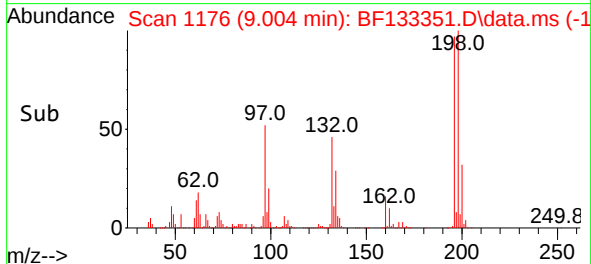
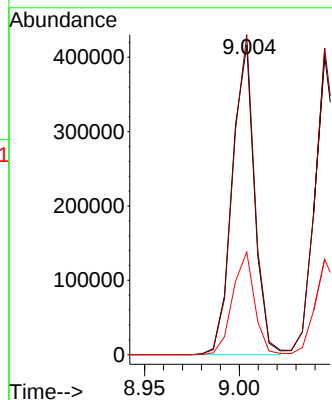
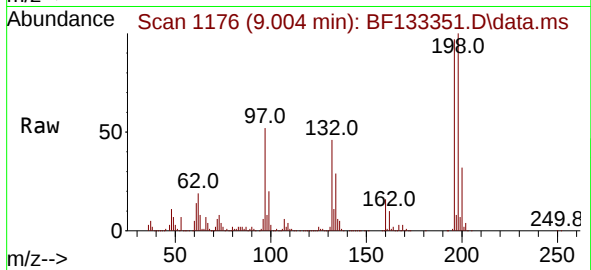




#43
2,4,6-Trichlorophenol
Concen: 40.895 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

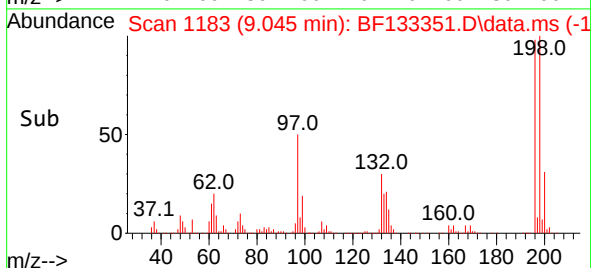
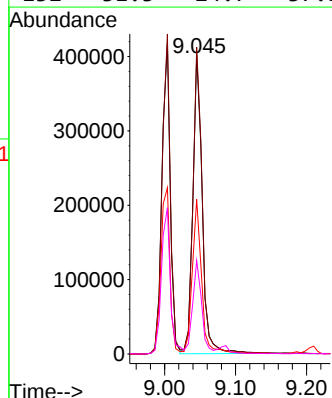
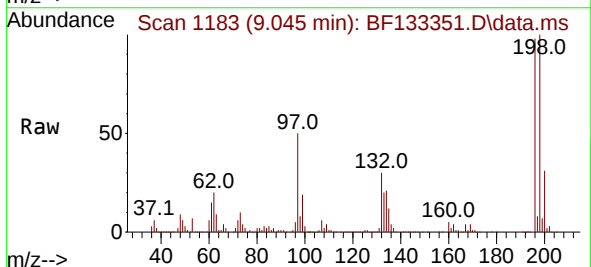
Instrument :
BNA_F
ClientSampleId :
PB152690BS

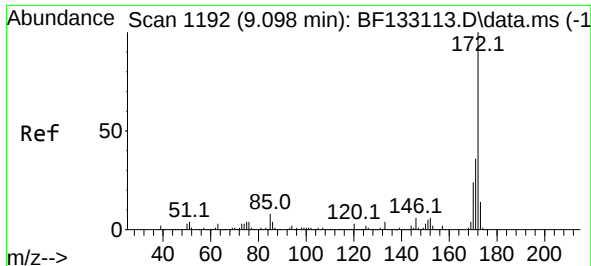
Tgt Ion:196 Resp: 342083
Ion Ratio Lower Upper
196 100
198 103.3 81.0 121.6
200 33.1 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 38.454 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Tgt Ion:196 Resp: 372005
Ion Ratio Lower Upper
196 100
198 102.6 80.9 121.3
97 51.7 41.3 61.9
132 31.3 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 67.793 ng

RT: 9.086 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB152690BS

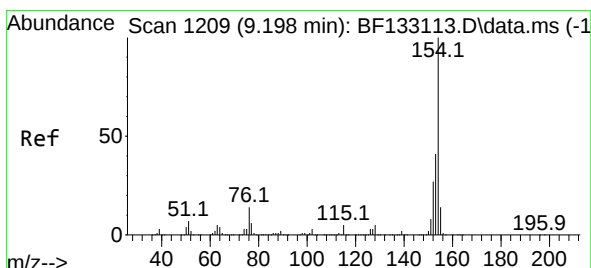
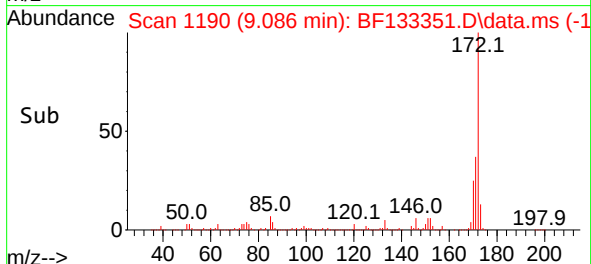
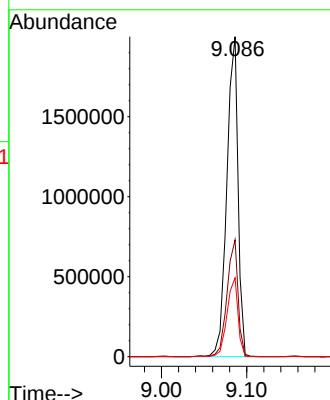
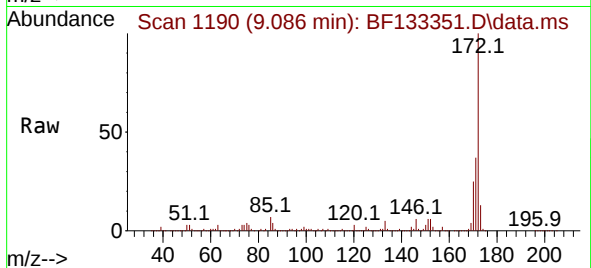
Tgt Ion:172 Resp: 1822894

Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

170 24.6 19.4 29.2



#46

1,1'-Biphenyl

Concen: 40.853 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

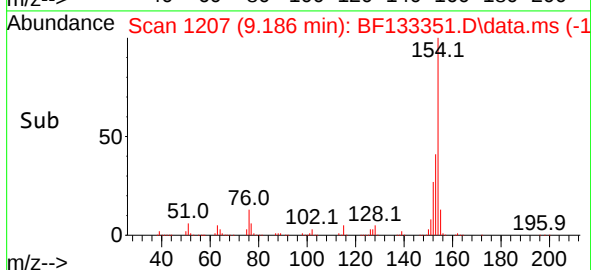
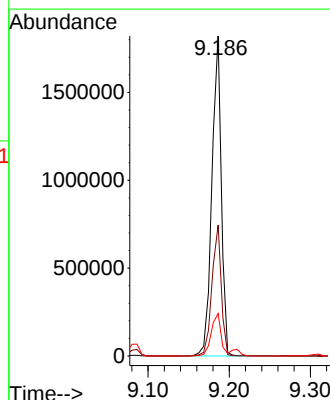
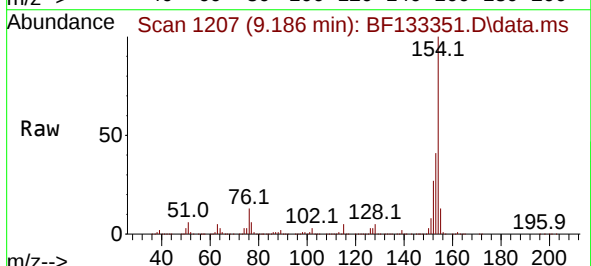
Tgt Ion:154 Resp: 1457305

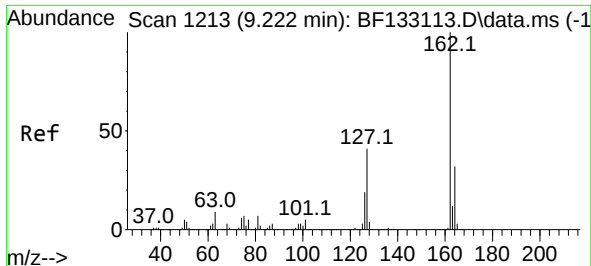
Ion Ratio Lower Upper

154 100

153 40.9 21.0 61.0

76 13.3 0.0 34.5

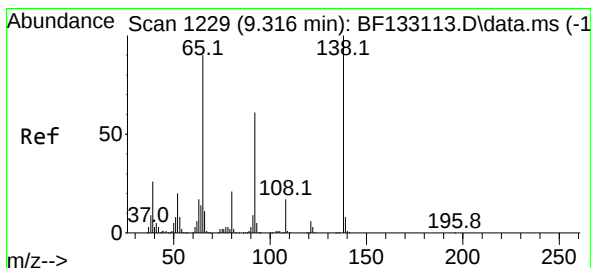
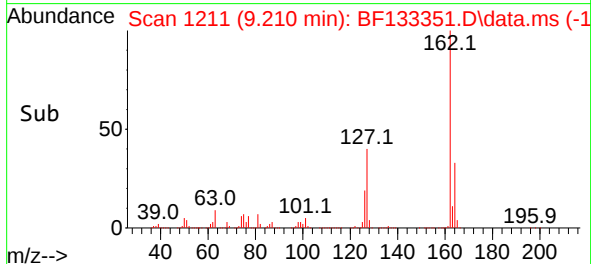
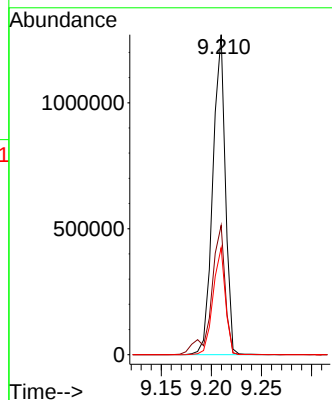
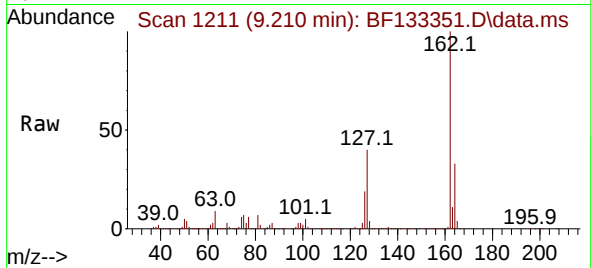




#47
2-Chloronaphthalene
Concen: 42.334 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

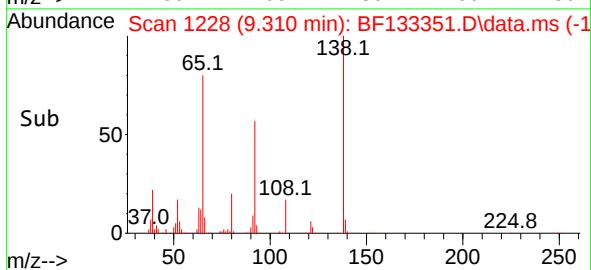
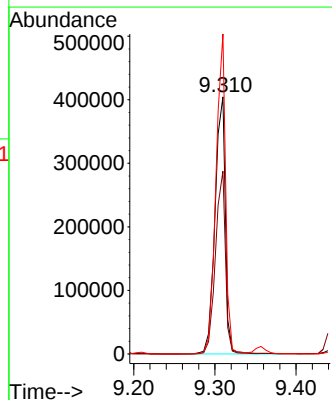
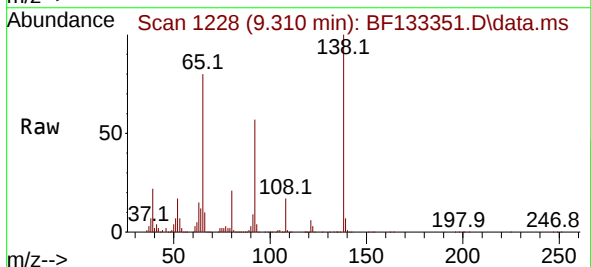
Instrument :
BNA_F
ClientSampleId :
PB152690BS

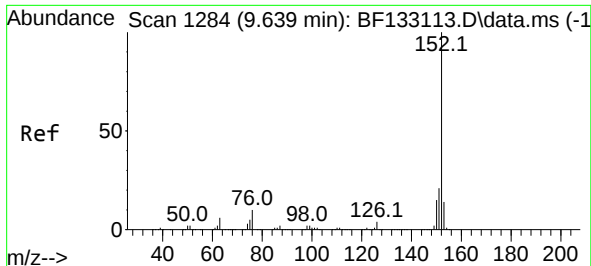
Tgt Ion:162 Resp: 1105322
Ion Ratio Lower Upper
162 100
127 40.4 32.3 48.5
164 33.5 26.8 40.2



#48
2-Nitroaniline
Concen: 41.474 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Tgt Ion: 65 Resp: 357879
Ion Ratio Lower Upper
65 100
92 71.1 55.4 83.0
138 124.5 98.2 147.2





#49

Acenaphthylene

Concen: 40.500 ng

RT: 9.622 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB152690BS

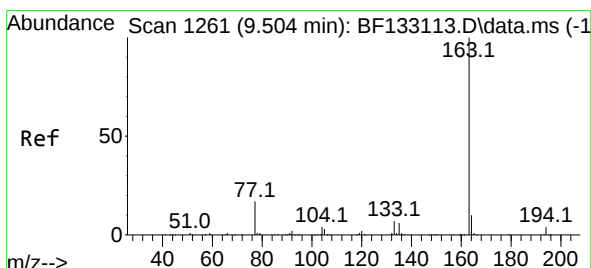
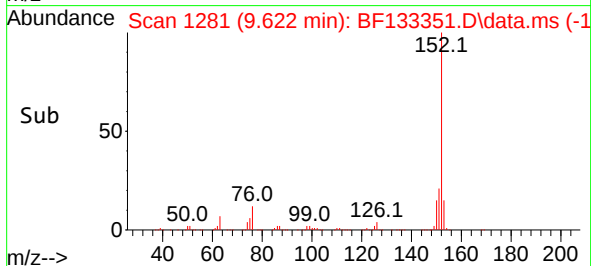
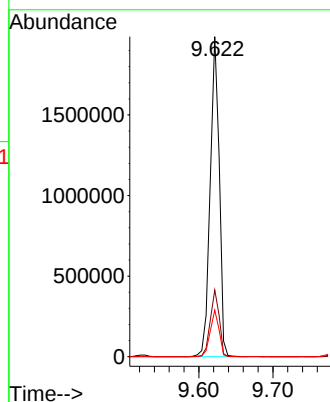
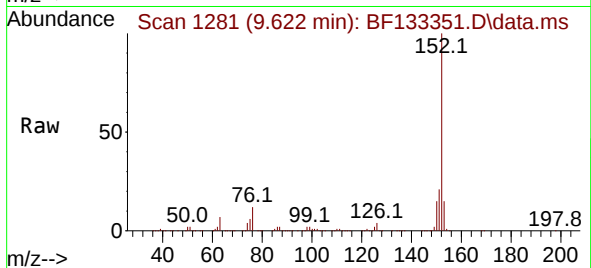
Tgt Ion:152 Resp: 1689621

Ion Ratio Lower Upper

152 100

151 20.9 16.6 24.8

153 14.6 11.5 17.3



#50

Dimethylphthalate

Concen: 40.546 ng

RT: 9.492 min Scan# 1259

Delta R.T. -0.000 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

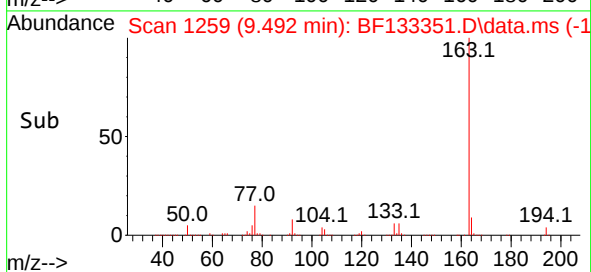
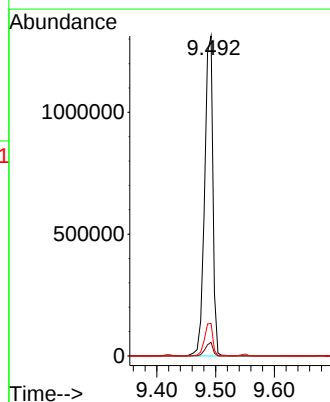
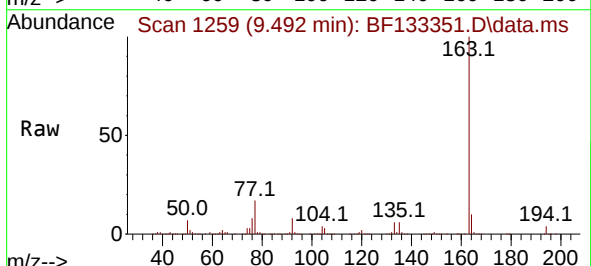
Tgt Ion:163 Resp: 1271849

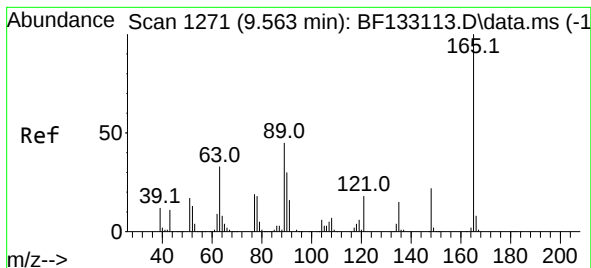
Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

164 10.2 8.5 12.7

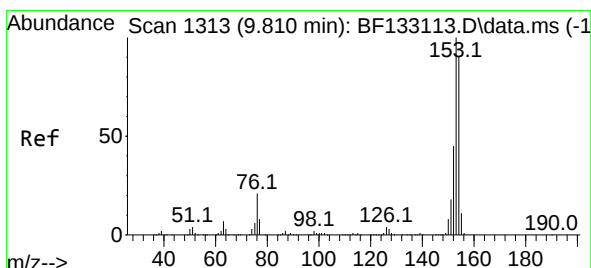
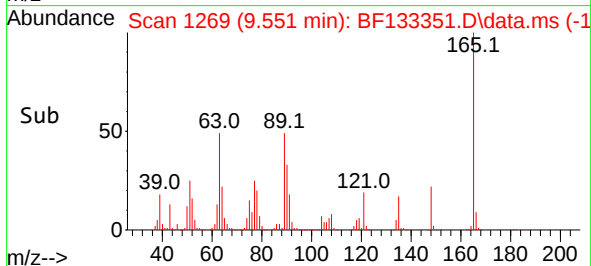
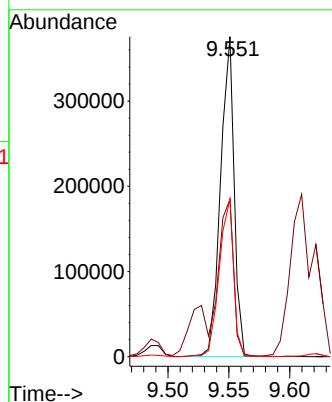
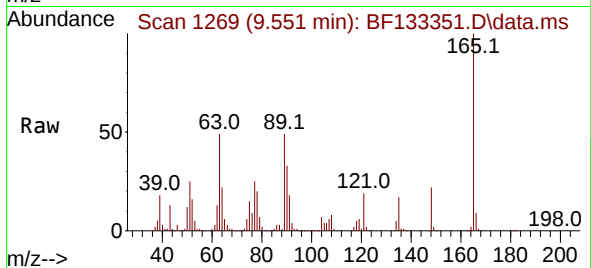




#51
2,6-Dinitrotoluene
Concen: 41.617 ng
RT: 9.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

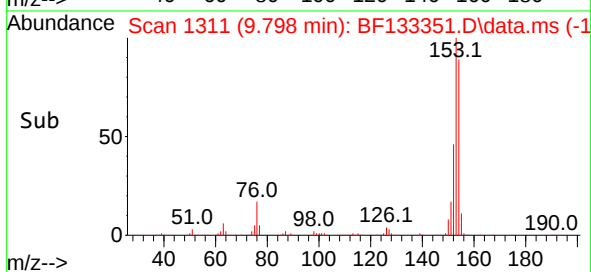
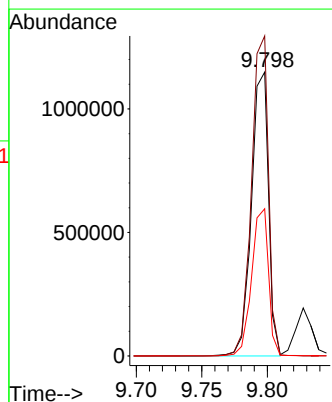
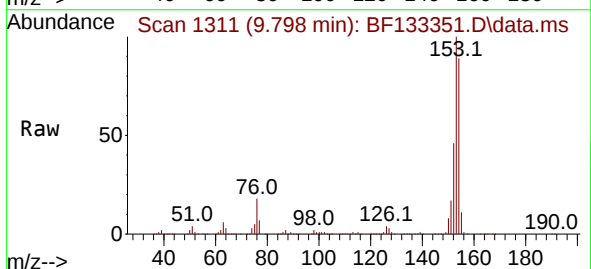
Instrument :
BNA_F
ClientSampleId :
PB152690BS

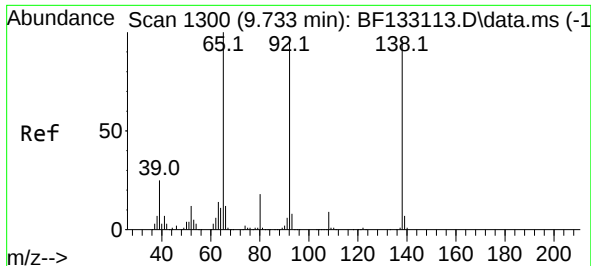
Tgt Ion:165 Resp: 293818
Ion Ratio Lower Upper
165 100
63 49.2 45.9 68.9
89 49.3 44.0 66.0



#52
Acenaphthene
Concen: 37.148 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Tgt Ion:154 Resp: 1037962
Ion Ratio Lower Upper
154 100
153 112.7 89.0 133.6
152 51.9 40.4 60.6

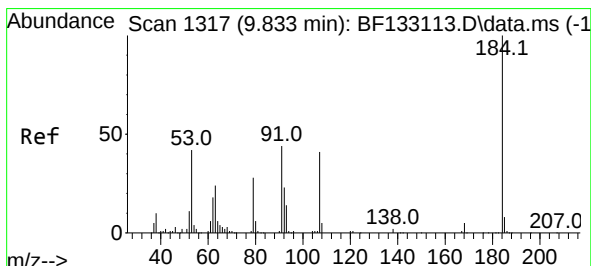
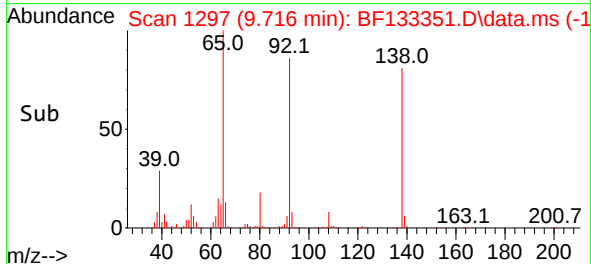
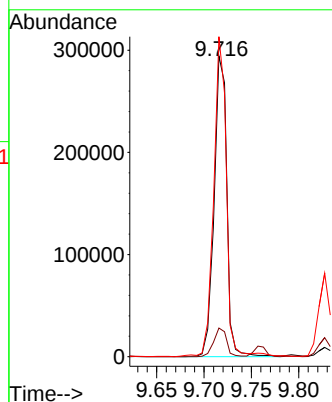
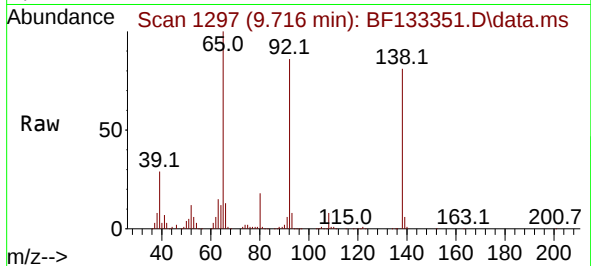




#53
3-Nitroaniline
Concen: 32.538 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

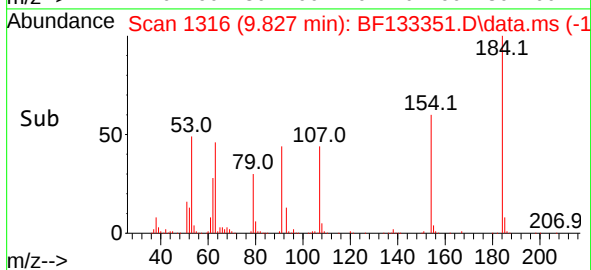
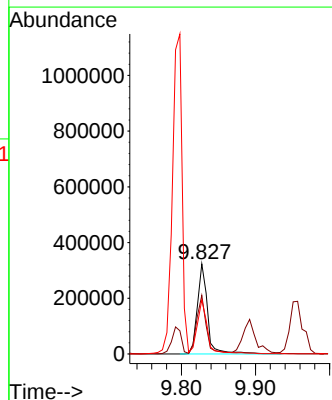
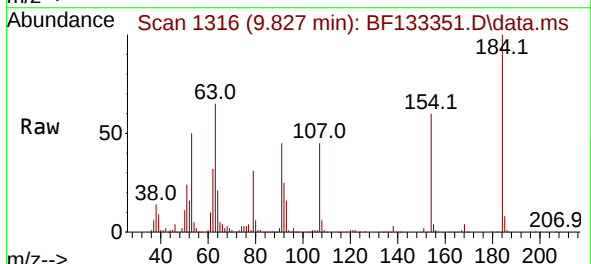
Instrument :
BNA_F
ClientSampleId :
PB152690BS

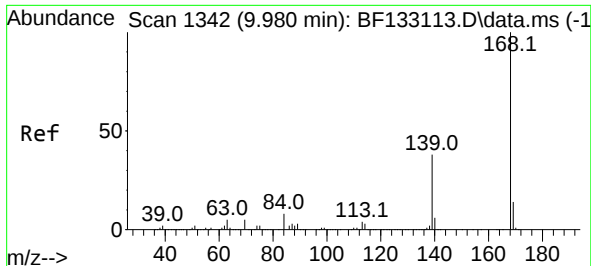
Tgt Ion:138 Resp: 273144
Ion Ratio Lower Upper
138 100
108 9.5 8.0 12.0
92 106.5 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 86.884 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Tgt Ion:184 Resp: 308329
Ion Ratio Lower Upper
184 100
63 65.1 49.8 74.8
154 60.2 49.5 74.3

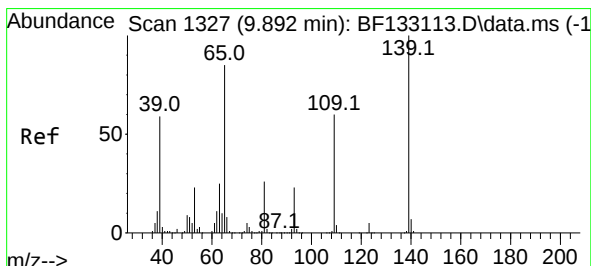
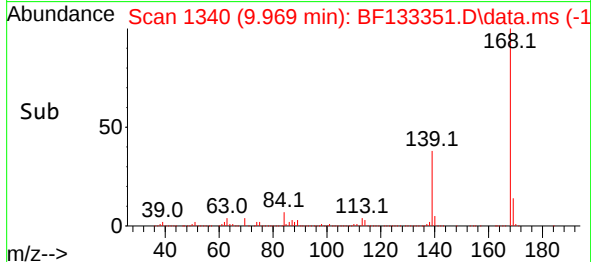
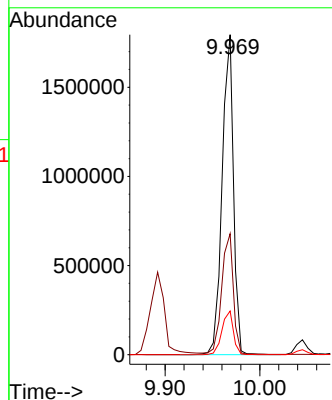
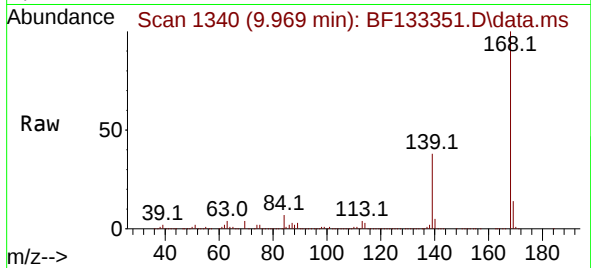




#55
Dibenzenofuran
Concen: 39.159 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

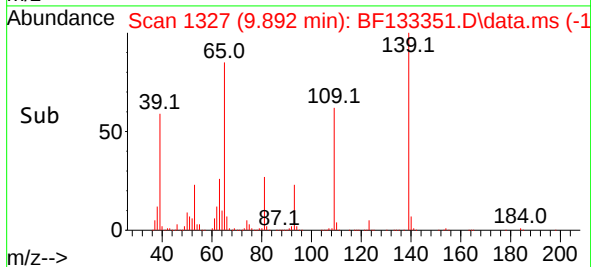
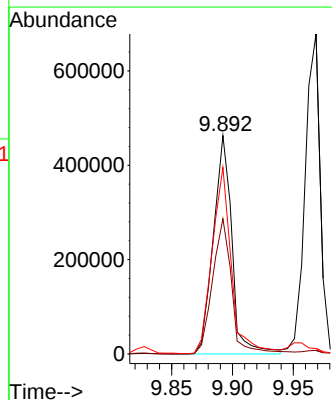
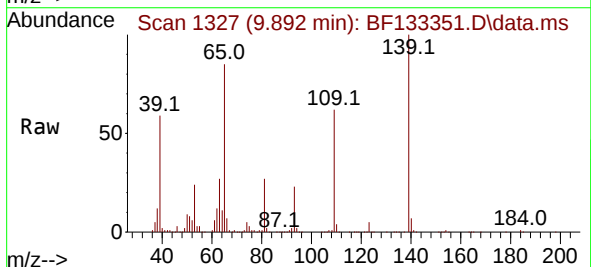
Instrument :
BNA_F
ClientSampleId :
PB152690BS

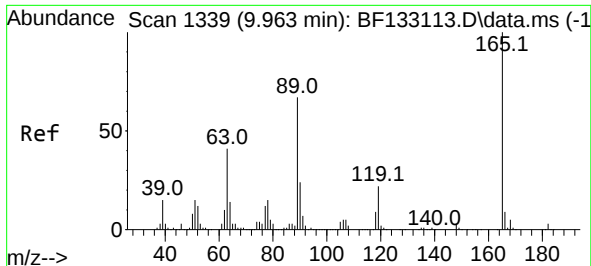
Tgt Ion:168 Resp: 1492541
Ion Ratio Lower Upper
168 100
139 37.8 29.8 44.8
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 75.333 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Tgt Ion:139 Resp: 489793
Ion Ratio Lower Upper
139 100
109 61.9 39.4 79.4
65 85.4 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 42.988 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB152690BS

Tgt Ion:165 Resp: 387044

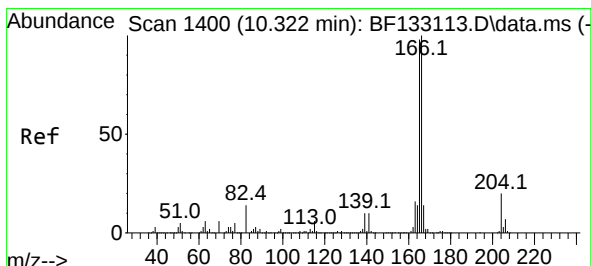
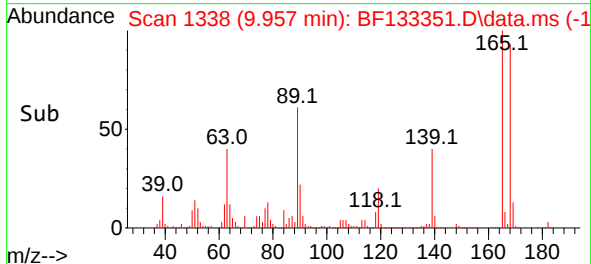
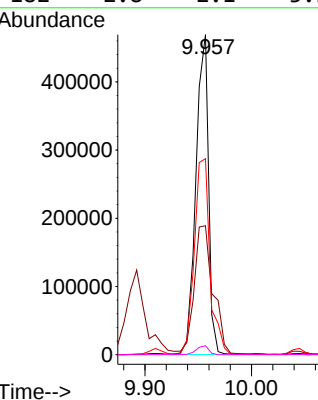
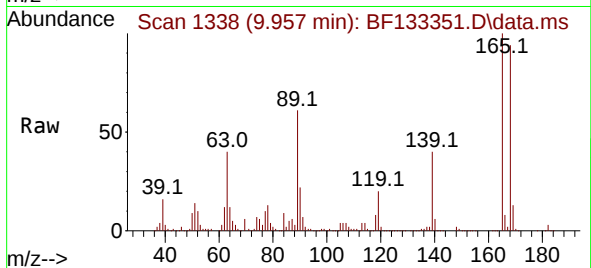
Ion Ratio Lower Upper

165 100

63 40.3 37.7 56.5

89 61.2 57.0 85.4

182 2.8 2.1 3.1



#58

Fluorene

Concen: 40.361 ng

RT: 10.310 min Scan# 1398

Delta R.T. -0.000 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

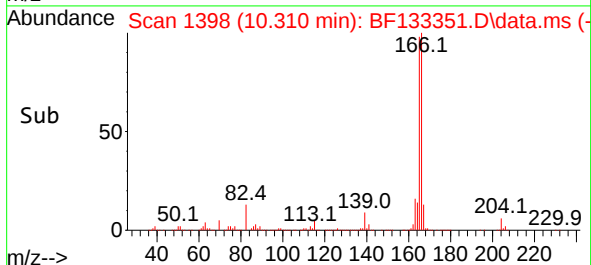
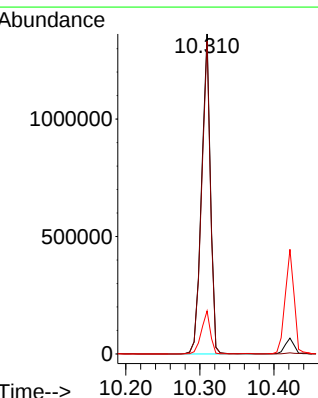
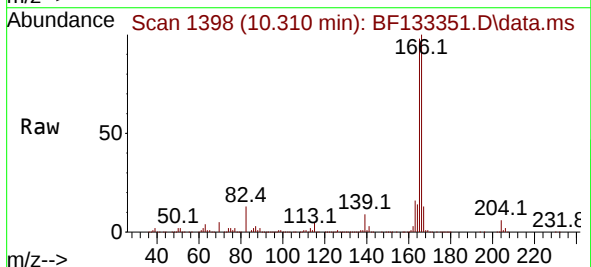
Tgt Ion:166 Resp: 1127053

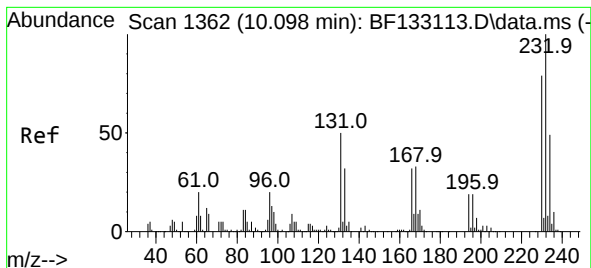
Ion Ratio Lower Upper

166 100

165 97.8 78.6 117.8

167 13.5 11.0 16.4

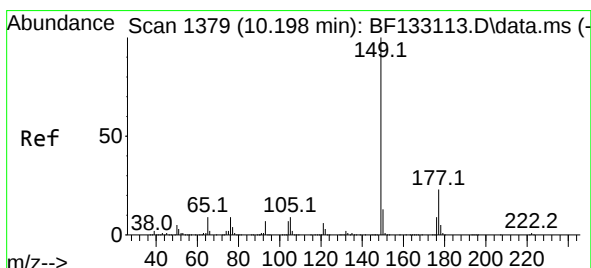
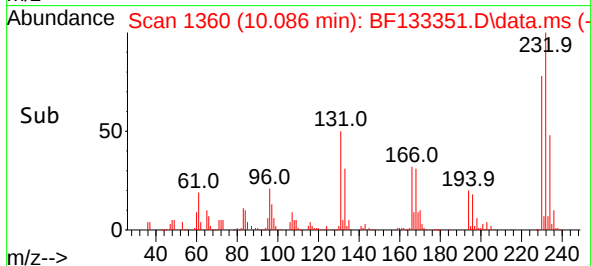
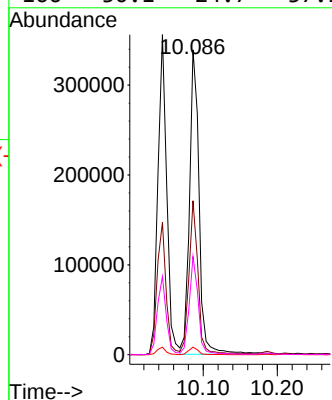
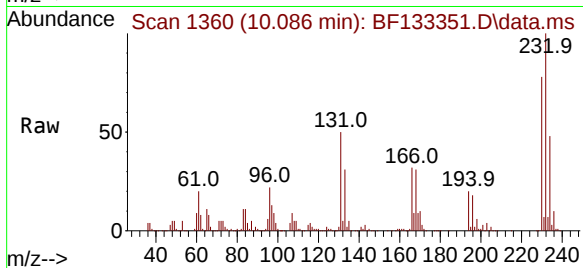




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.773 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

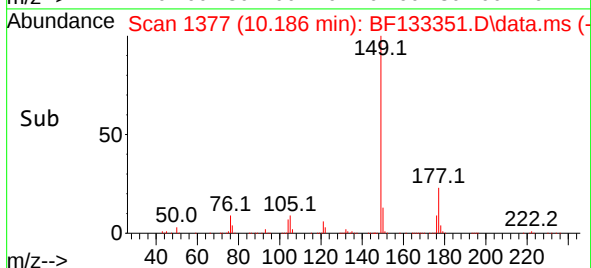
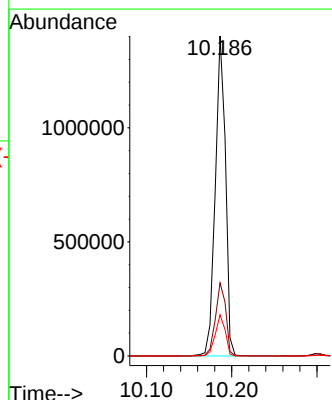
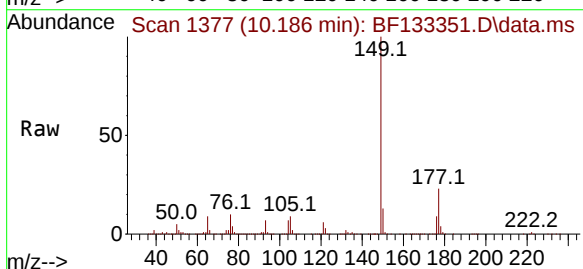
Instrument :
BNA_F
ClientSampleId :
PB152690BS

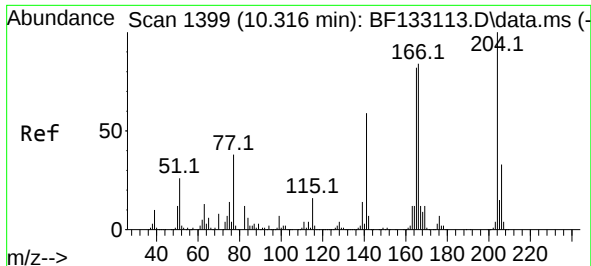
Tgt Ion:232 Resp: 305799
Ion Ratio Lower Upper
232 100
131 47.6 38.0 57.0
130 2.4 1.8 2.8
166 30.1 24.7 37.1



#60
Diethylphthalate
Concen: 39.577 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Tgt Ion:149 Resp: 1172625
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.4
150 12.8 10.2 15.4

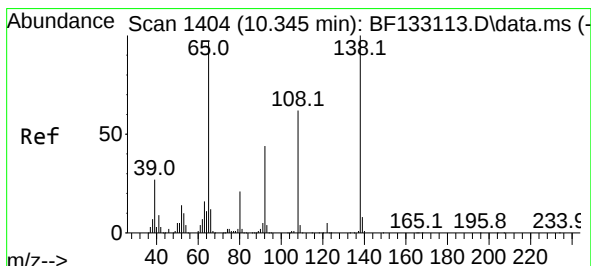
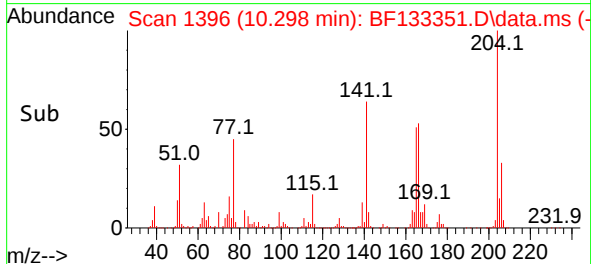
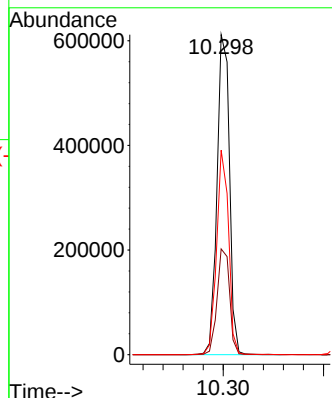
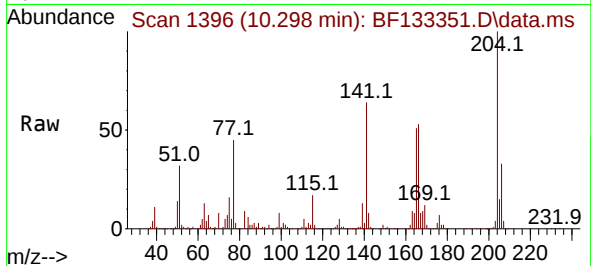




#61
4-Chlorophenyl-phenylether
Concen: 38.753 ng
RT: 10.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

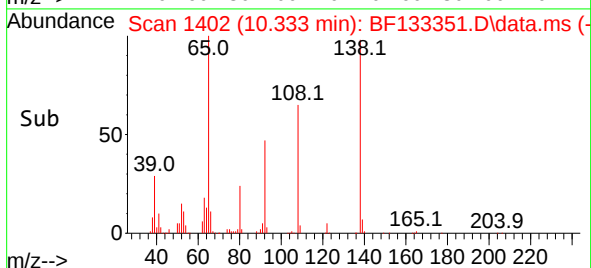
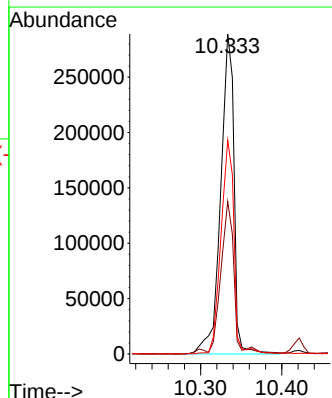
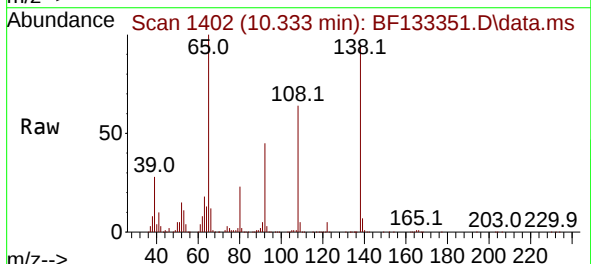
Instrument :
BNA_F
ClientSampleId :
PB152690BS

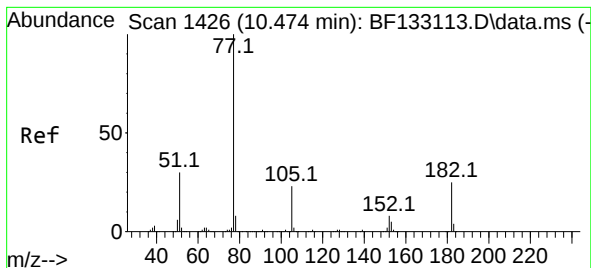
Tgt Ion:204 Resp: 527348
Ion Ratio Lower Upper
204 100
206 33.1 26.1 39.1
141 63.9 46.1 69.1



#62
4-Nitroaniline
Concen: 42.989 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Tgt Ion:138 Resp: 331682
Ion Ratio Lower Upper
138 100
92 47.6 27.7 67.7
108 66.8 45.2 85.2





#63

Azobenzene

Concen: 38.468 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB152690BS

Tgt Ion: 77 Resp: 1207386

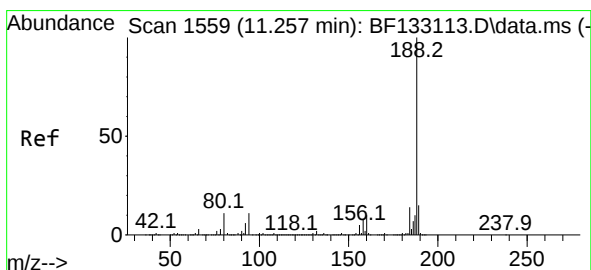
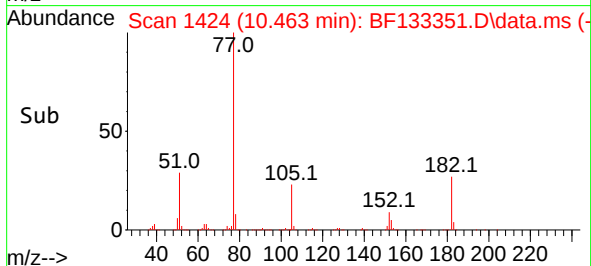
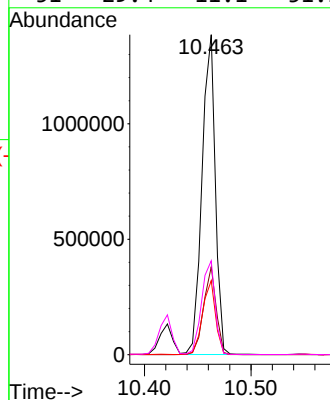
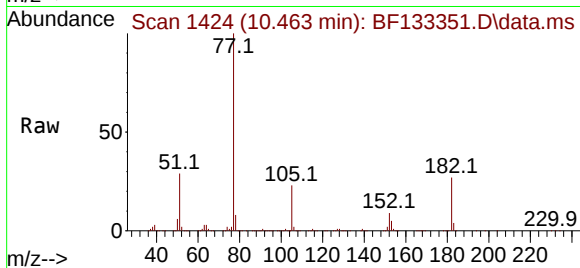
Ion Ratio Lower Upper

77 100

182 27.4 5.9 45.9

105 23.1 2.3 42.3

51 29.4 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1556

Delta R.T. -0.006 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

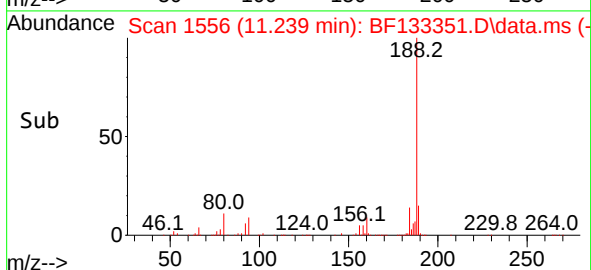
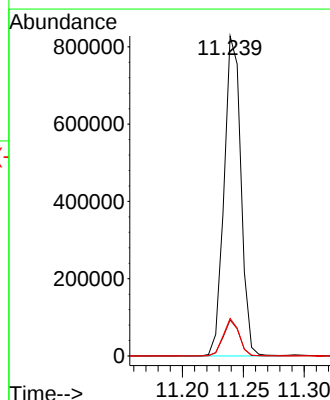
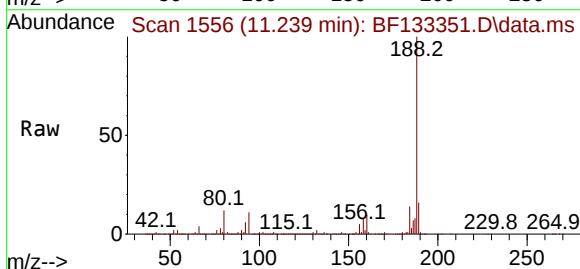
Tgt Ion: 188 Resp: 796804

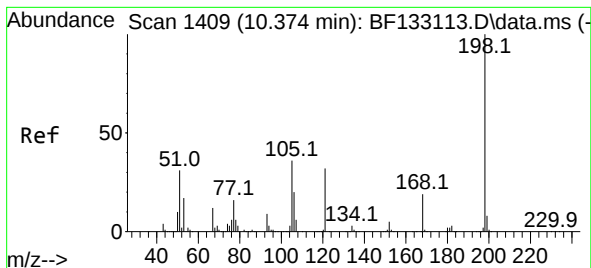
Ion Ratio Lower Upper

188 100

94 11.2 9.7 14.5

80 11.7 10.4 15.6

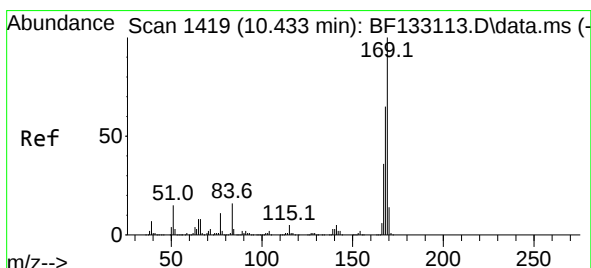
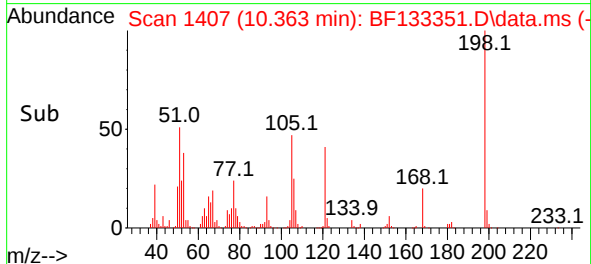
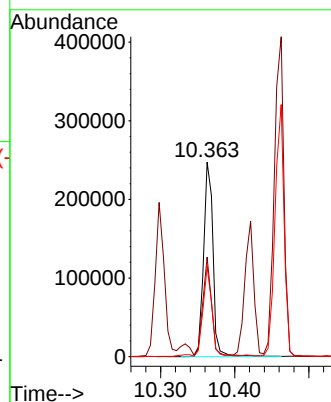
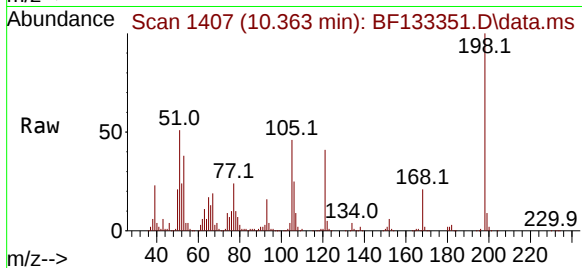




#65
4,6-Dinitro-2-methylphenol
Concen: 45.138 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

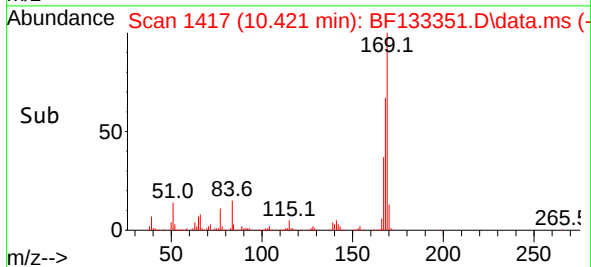
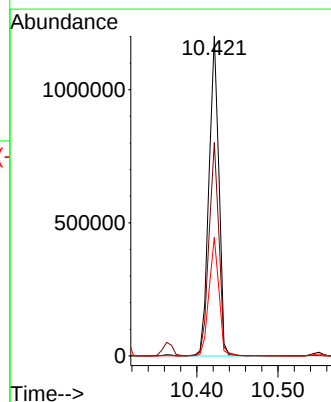
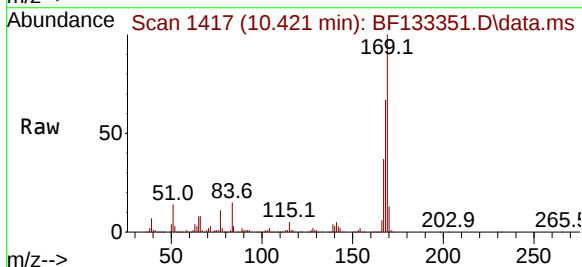
Instrument :
BNA_F
ClientSampleId :
PB152690BS

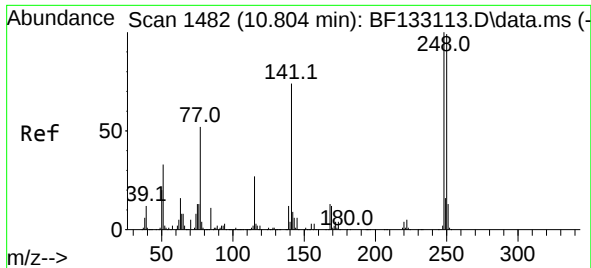
Tgt Ion:198 Resp: 218001
Ion Ratio Lower Upper
198 100
51 51.1 15.5 55.5
105 46.5 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 39.205 ng
RT: 10.421 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Tgt Ion:169 Resp: 1013299
Ion Ratio Lower Upper
169 100
168 66.7 53.8 80.8
167 37.1 29.7 44.5

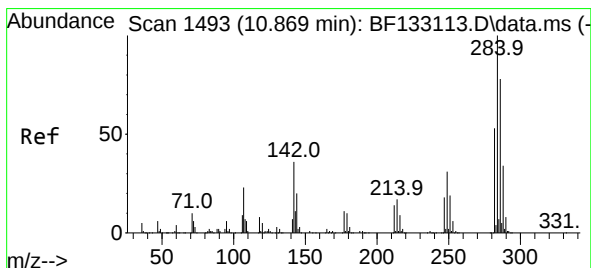
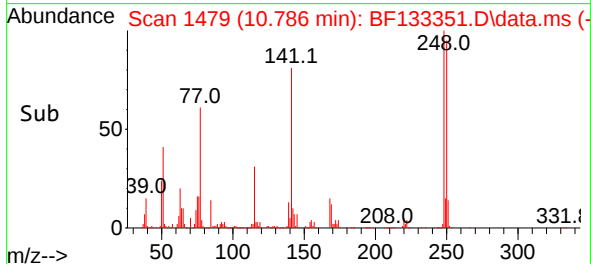
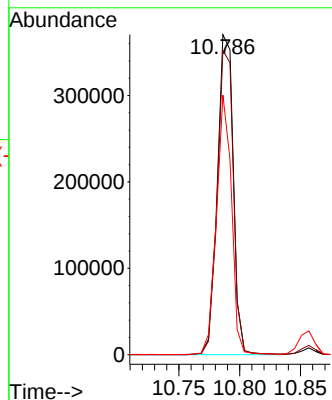
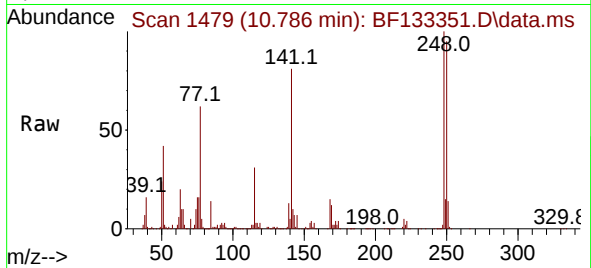




#67
4-Bromophenyl-phenylether
Concen: 39.345 ng
RT: 10.786 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

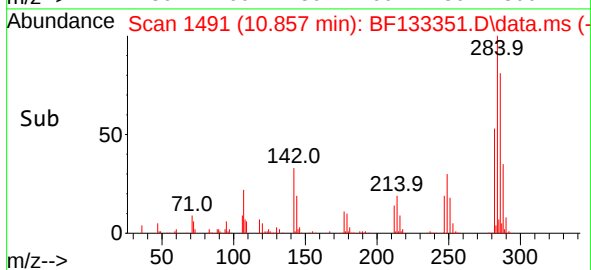
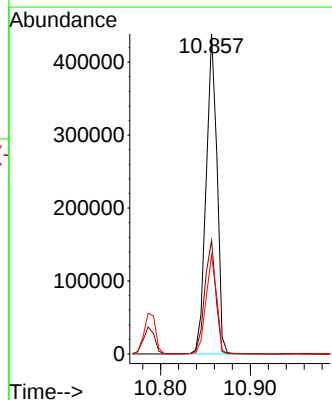
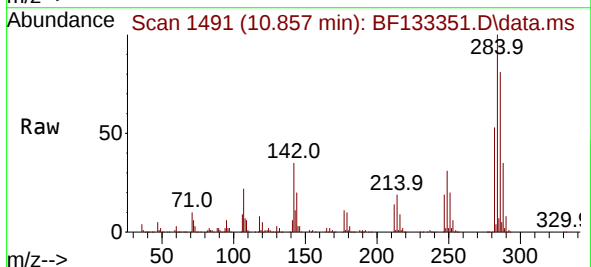
Instrument :
BNA_F
ClientSampleId :
PB152690BS

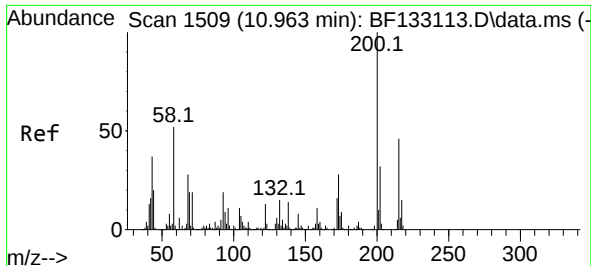
Tgt Ion:248 Resp: 340011
Ion Ratio Lower Upper
248 100
250 95.1 78.7 118.1
141 81.1 56.3 84.5



#68
Hexachlorobenzene
Concen: 41.498 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Tgt Ion:284 Resp: 367472
Ion Ratio Lower Upper
284 100
142 35.5 26.0 39.0
249 30.8 23.7 35.5

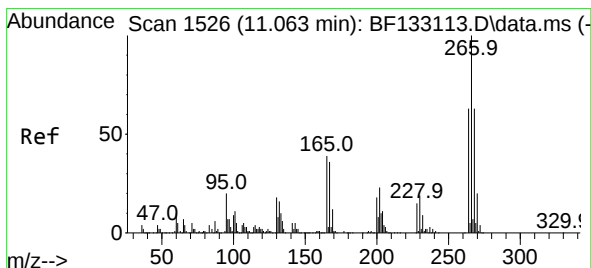
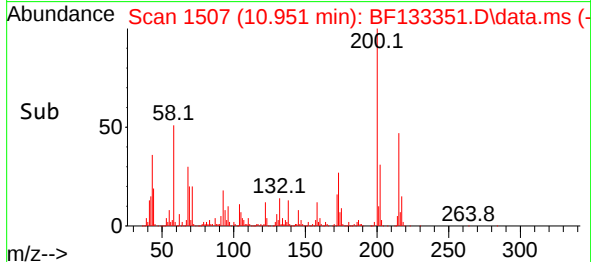
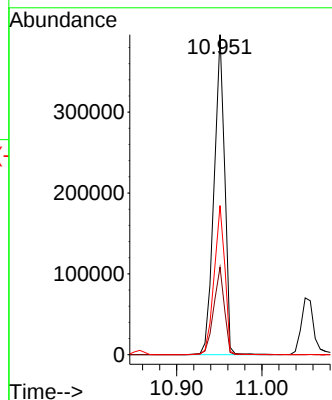
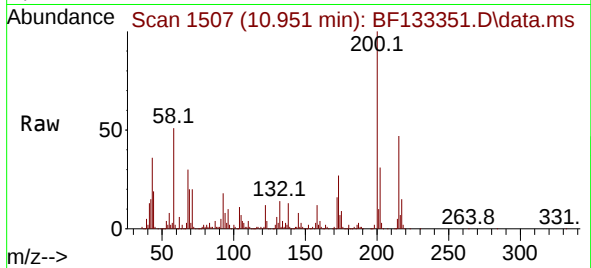




#69
 Atrazine
 Concen: 46.166 ng
 RT: 10.951 min Scan# 1507
 Delta R.T. -0.000 min
 Lab File: BF133351.D
 Acq: 11 May 2023 12:48

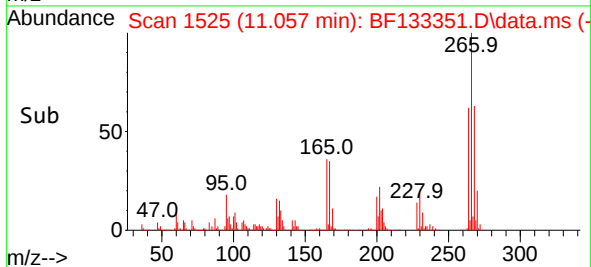
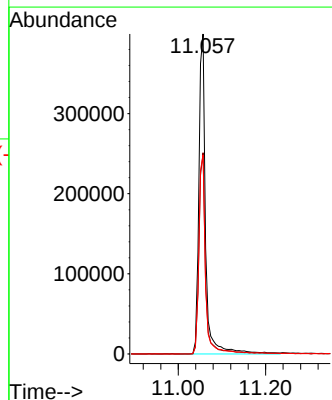
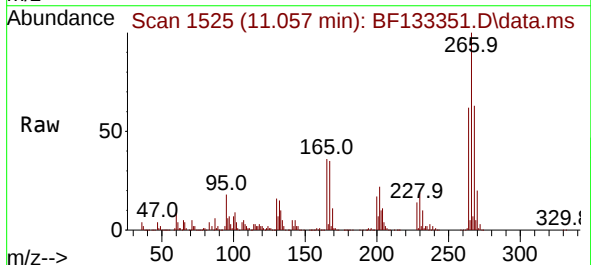
Instrument :
 BNA_F
 ClientSampleId :
 PB152690BS

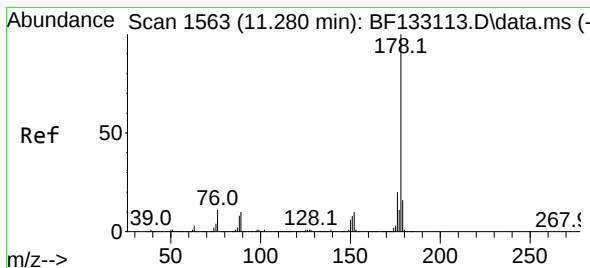
Tgt Ion:200 Resp: 343818
 Ion Ratio Lower Upper
 200 100
 173 27.4 6.2 46.2
 215 46.6 26.3 66.3



#70
 Pentachlorophenol
 Concen: 68.082 ng
 RT: 11.057 min Scan# 1525
 Delta R.T. 0.006 min
 Lab File: BF133351.D
 Acq: 11 May 2023 12:48

Tgt Ion:266 Resp: 429362
 Ion Ratio Lower Upper
 266 100
 268 62.9 48.8 73.2
 264 62.2 50.6 76.0





#71

Phenanthrene

Concen: 39.436 ng

RT: 11.268 min Scan# 1561

Delta R.T. -0.000 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB152690BS

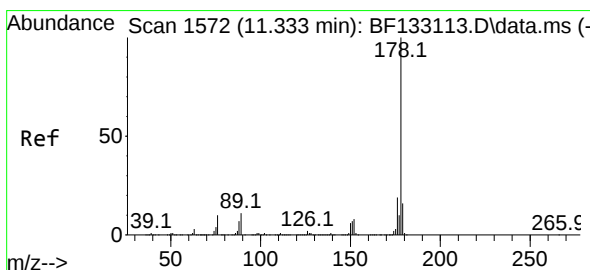
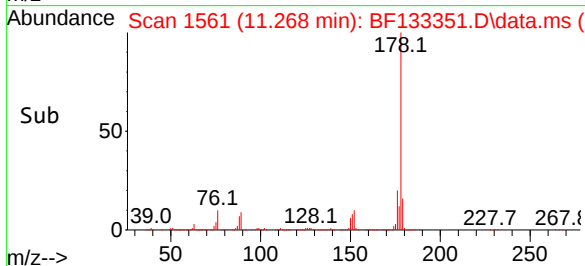
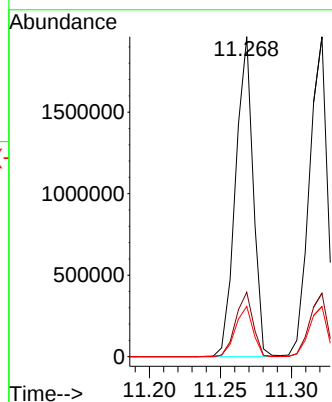
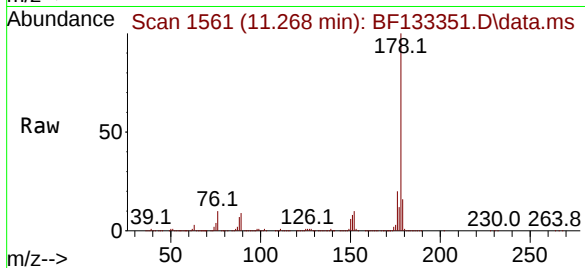
Tgt Ion:178 Resp: 1688887

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

179 15.7 12.5 18.7



#72

Anthracene

Concen: 39.582 ng

RT: 11.321 min Scan# 1570

Delta R.T. -0.000 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

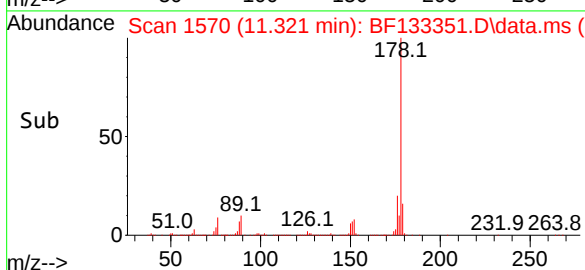
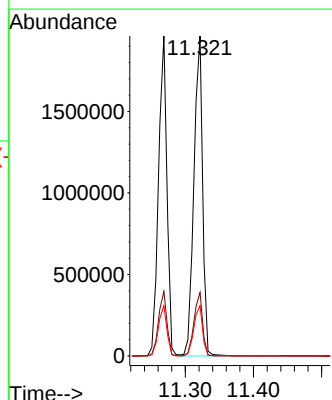
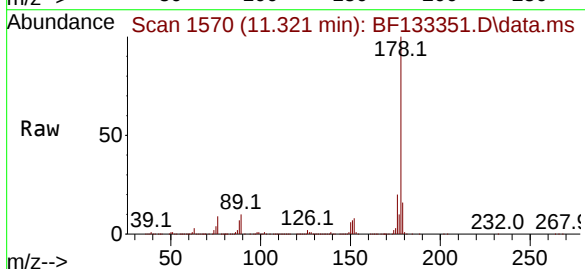
Tgt Ion:178 Resp: 1734788

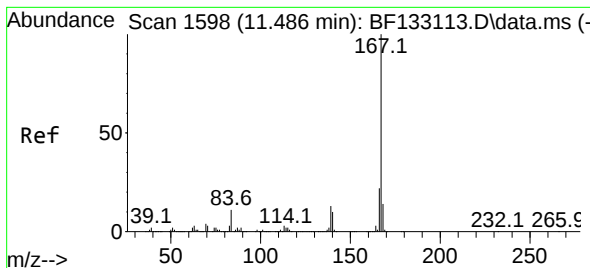
Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.0

179 15.7 12.4 18.6





#73

Carbazole

Concen: 41.532 ng

RT: 11.474 min Scan# 1596

Delta R.T. -0.000 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB152690BS

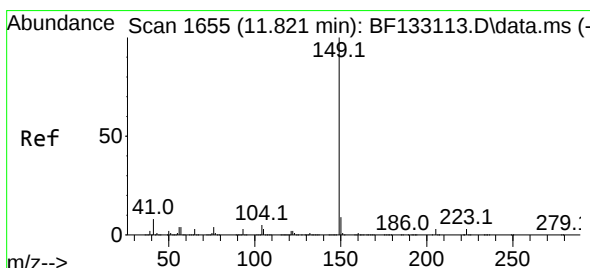
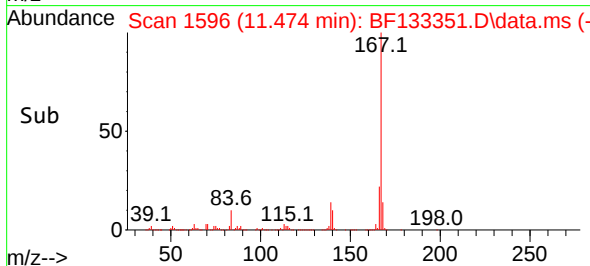
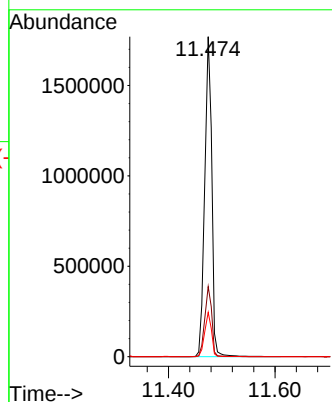
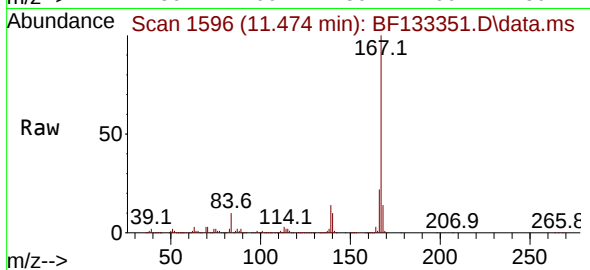
Tgt Ion:167 Resp: 1620804

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

139 13.9 10.6 16.0



#74

Di-n-butylphthalate

Concen: 40.210 ng

RT: 11.810 min Scan# 1653

Delta R.T. -0.000 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

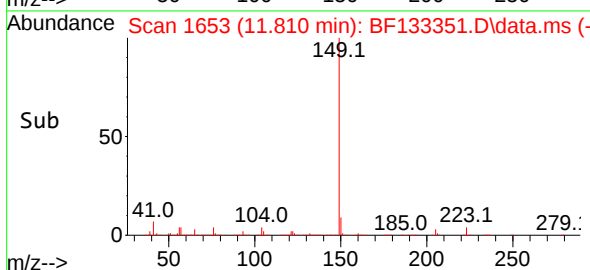
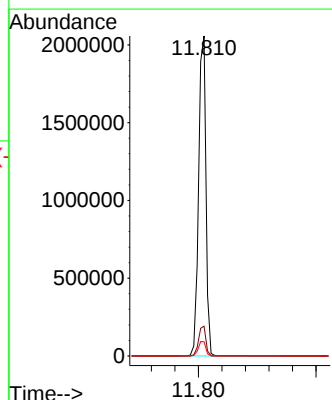
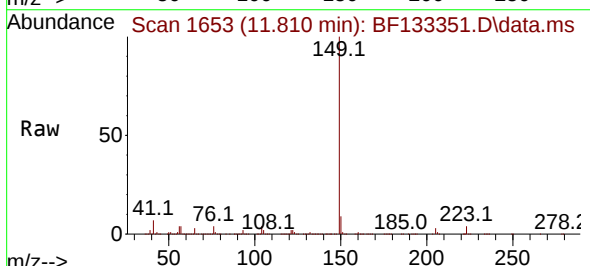
Tgt Ion:149 Resp: 1775827

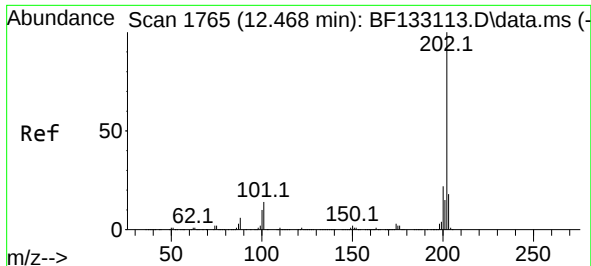
Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

104 4.5 4.0 6.0

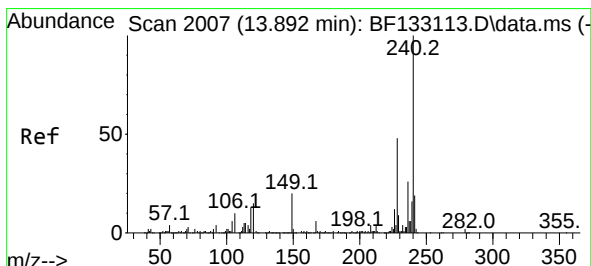
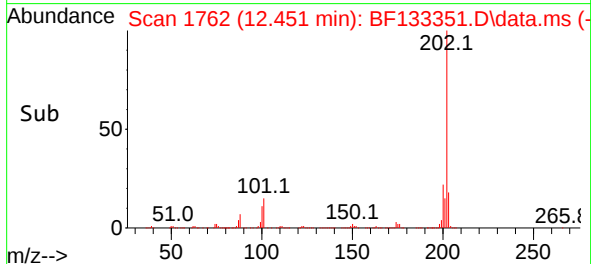
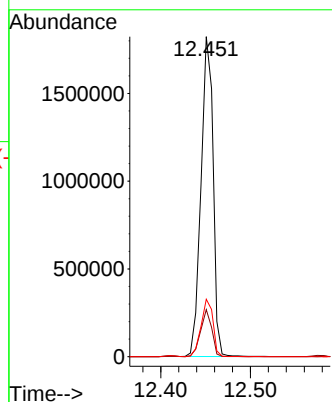
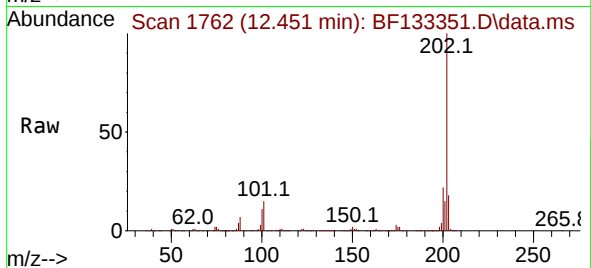




#75
Fluoranthene
Concen: 39.671 ng
RT: 12.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

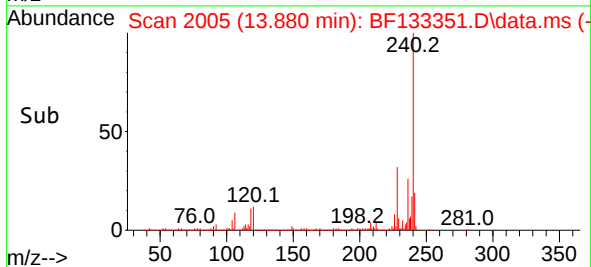
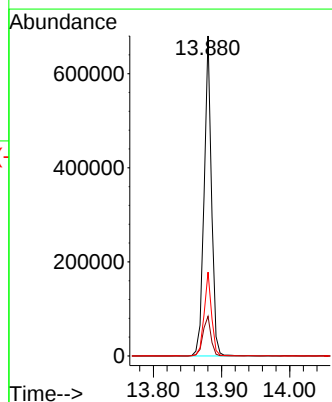
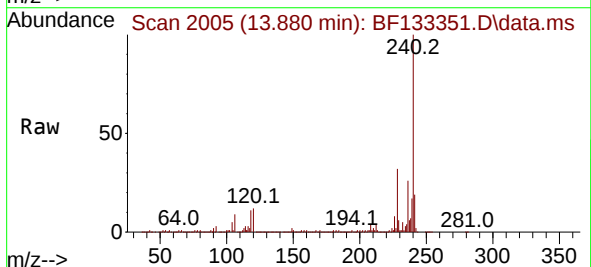
Instrument :
BNA_F
ClientSampleId :
PB152690BS

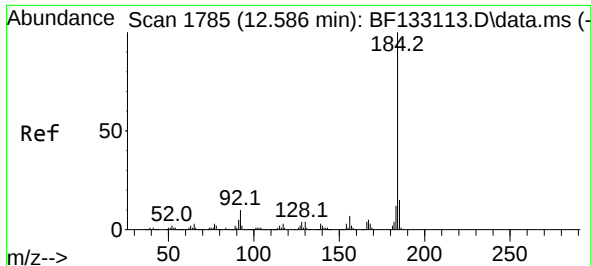
Tgt Ion:202 Resp: 1705099
Ion Ratio Lower Upper
202 100
101 14.7 0.0 35.3
203 18.0 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Tgt Ion:240 Resp: 511835
Ion Ratio Lower Upper
240 100
120 12.4 10.5 15.7
236 26.2 21.5 32.3

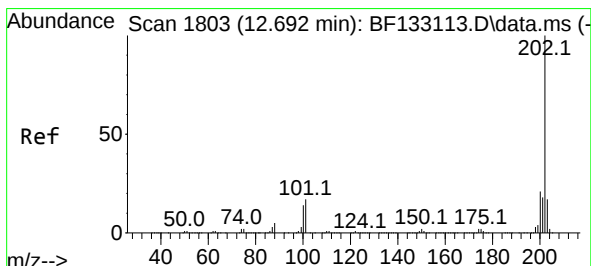
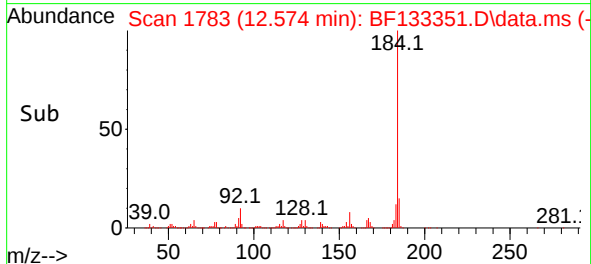
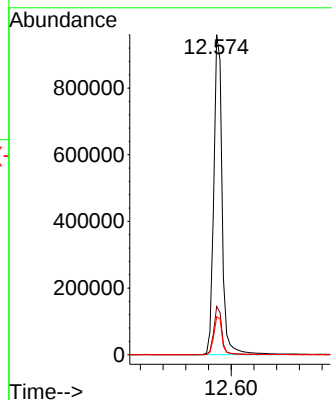
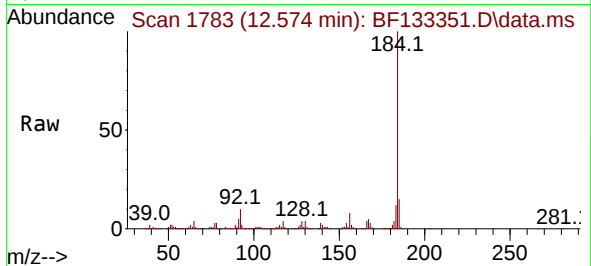




#77
Benzidine
Concen: 112.596 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

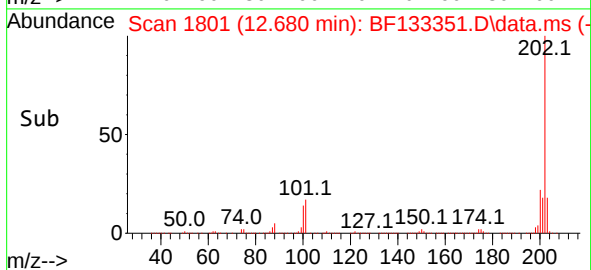
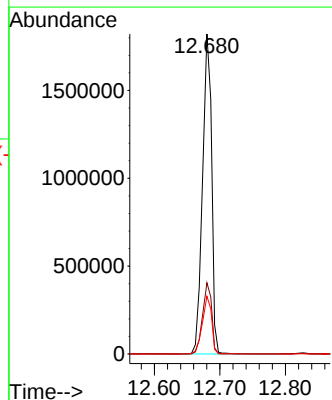
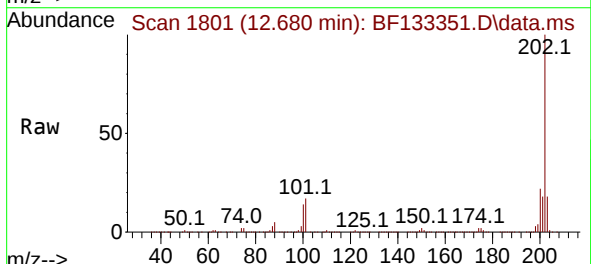
Instrument :
BNA_F
ClientSampleId :
PB152690BS

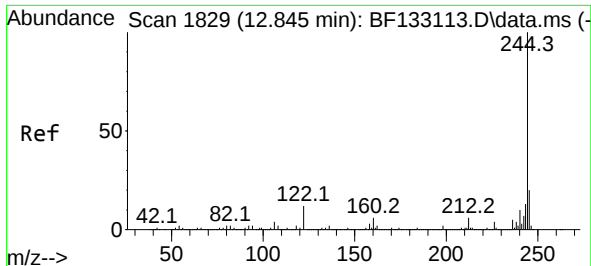
Tgt Ion:184 Resp: 974561
Ion Ratio Lower Upper
184 100
185 15.1 15.4 23.2#
183 11.9 9.4 14.0



#78
Pyrene
Concen: 40.207 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Tgt Ion:202 Resp: 1764114
Ion Ratio Lower Upper
202 100
200 22.2 17.1 25.7
203 18.1 14.1 21.1

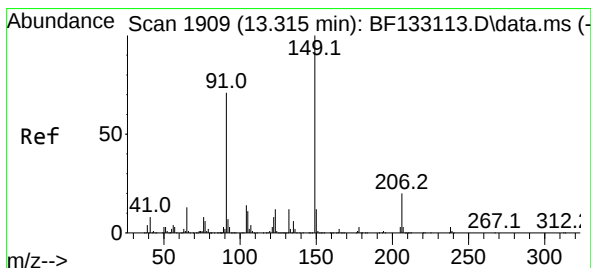
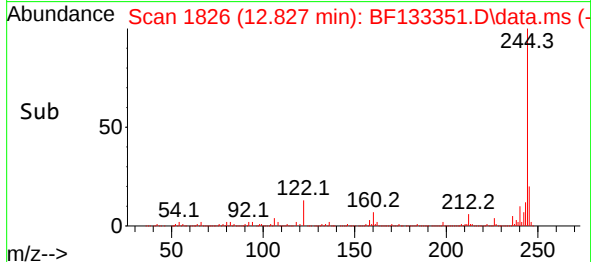
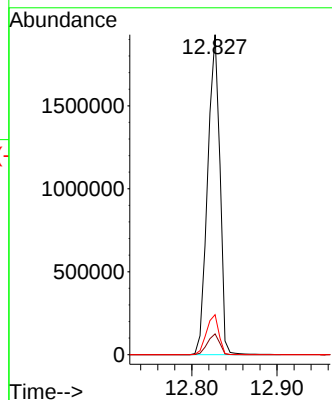
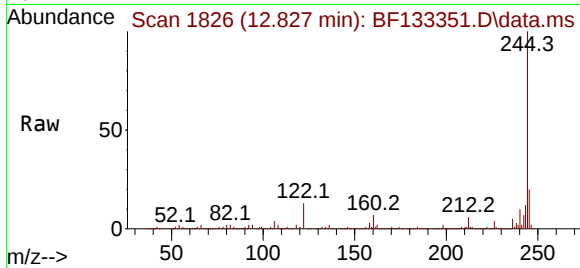




#79
 Terphenyl-d14
 Concen: 64.667 ng
 RT: 12.827 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133351.D
 Acq: 11 May 2023 12:48

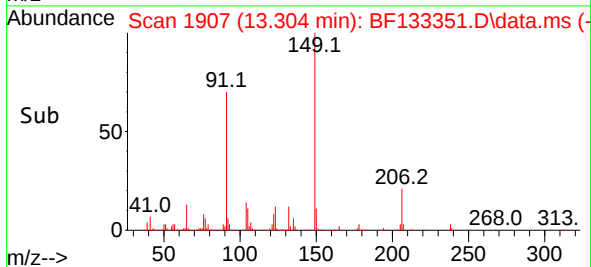
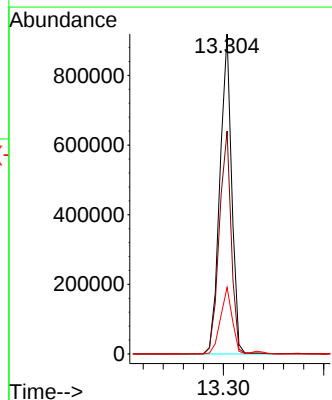
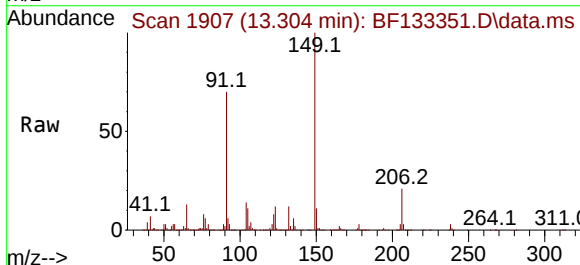
Instrument :
 BNA_F
 ClientSampleId :
 PB152690BS

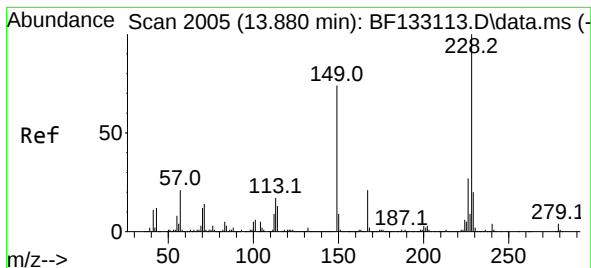
Tgt Ion:244 Resp: 1919154
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 12.5 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 48.139 ng
 RT: 13.304 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: BF133351.D
 Acq: 11 May 2023 12:48

Tgt Ion:149 Resp: 747853
 Ion Ratio Lower Upper
 149 100
 91 69.7 53.8 80.6
 206 20.8 17.5 26.3





#81

Benzo(a)anthracene

Concen: 38.445 ng

RT: 13.868 min Scan# 2005

Delta R.T. -0.000 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB152690BS

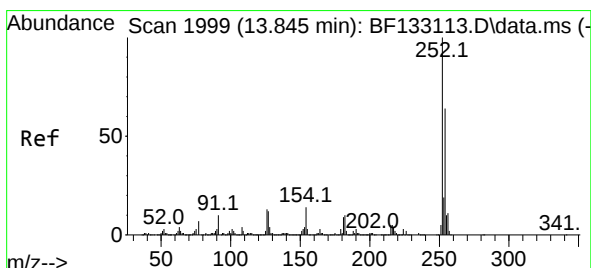
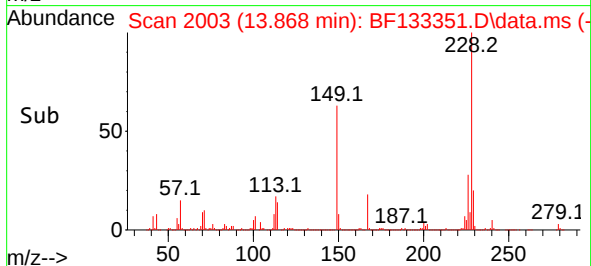
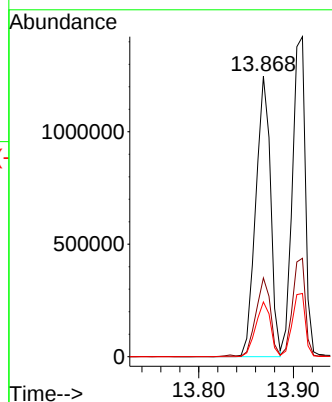
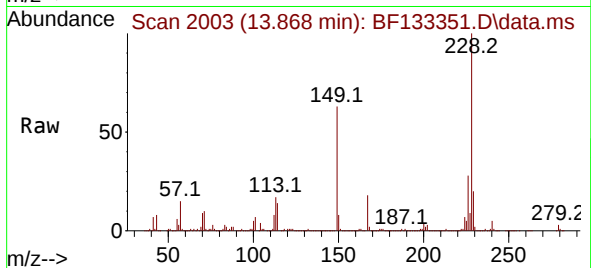
Tgt Ion:228 Resp: 1353151

Ion Ratio Lower Upper

228 100

226 28.1 22.2 33.4

229 19.5 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 38.926 ng

RT: 13.833 min Scan# 1997

Delta R.T. -0.000 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

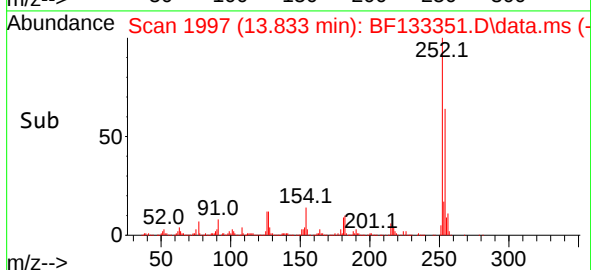
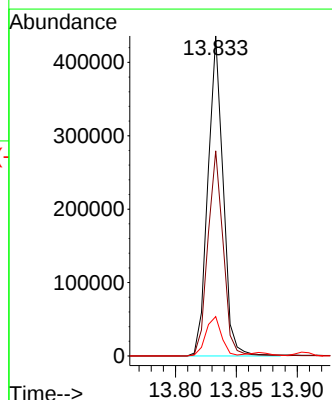
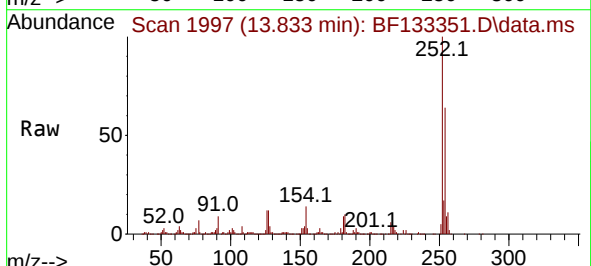
Tgt Ion:252 Resp: 378492

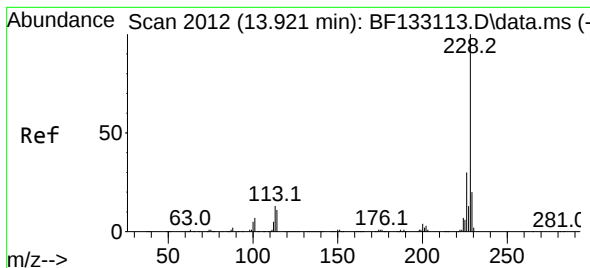
Ion Ratio Lower Upper

252 100

254 64.1 51.5 77.3

126 12.3 9.5 14.3





#83

Chrysene

Concen: 38.671 ng

RT: 13.909 min Scan# 2010

Delta R.T. -0.000 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB152690BS

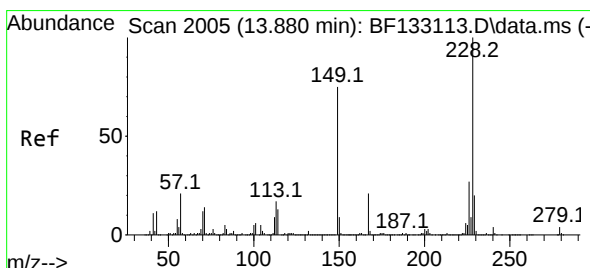
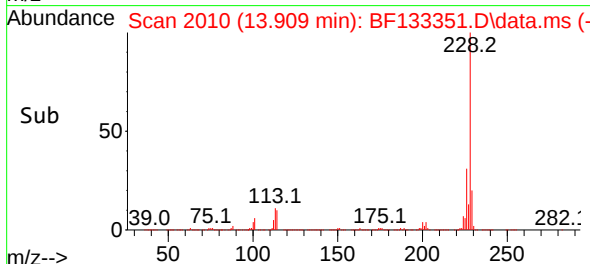
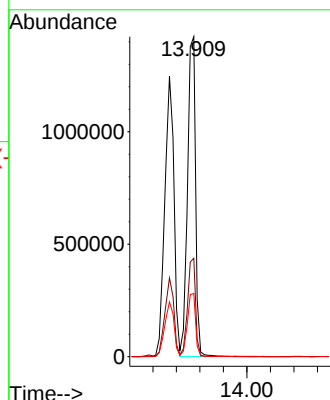
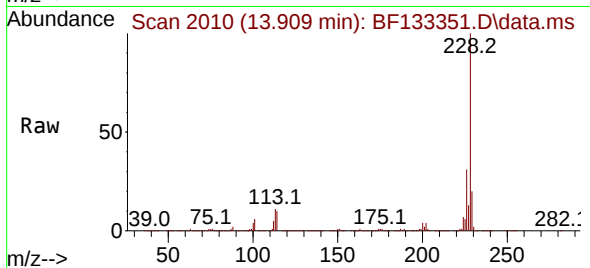
Tgt Ion:228 Resp: 1360770

Ion Ratio Lower Upper

228 100

226 30.7 24.7 37.1

229 19.8 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.427 ng

RT: 13.862 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

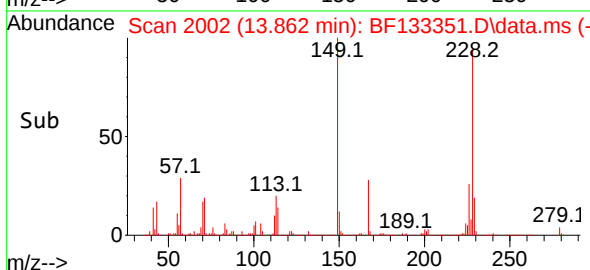
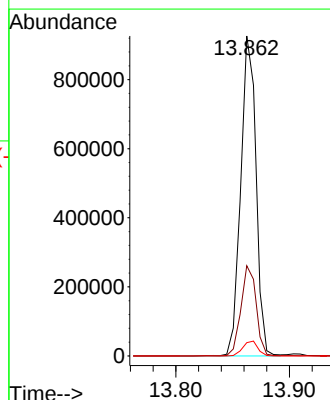
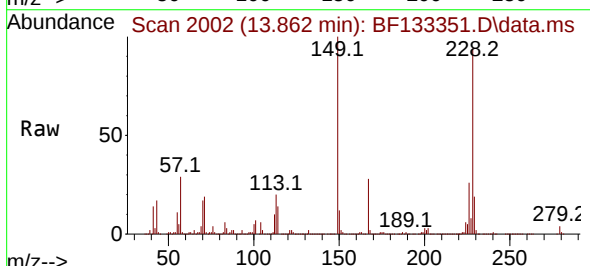
Tgt Ion:149 Resp: 866317

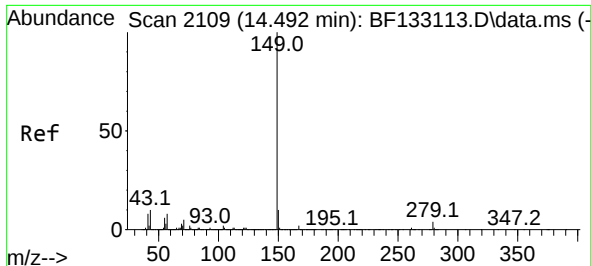
Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

279 4.1 4.2 6.4

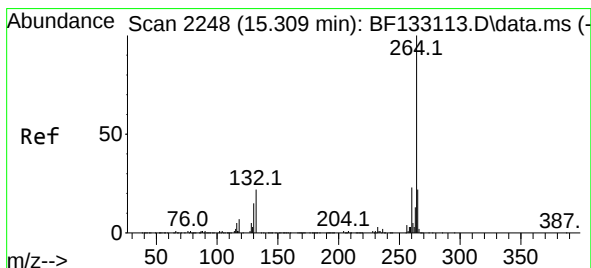
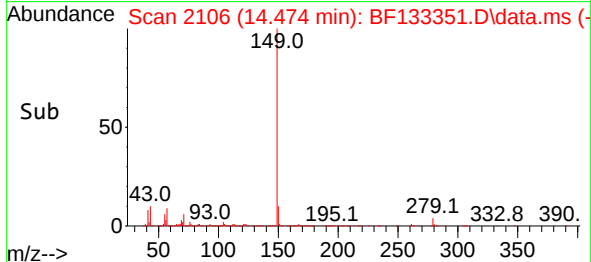
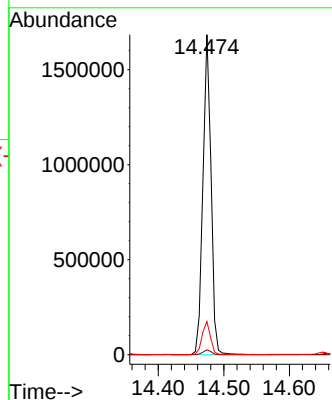
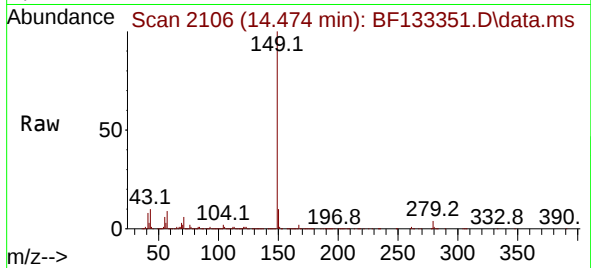




#85
Di-n-octyl phthalate
Concen: 45.718 ng
RT: 14.474 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

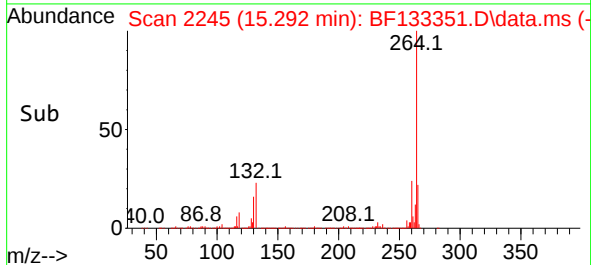
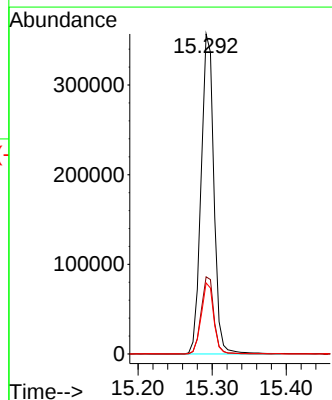
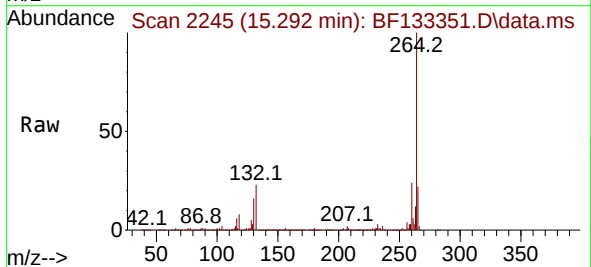
Instrument :
BNA_F
ClientSampleId :
PB152690BS

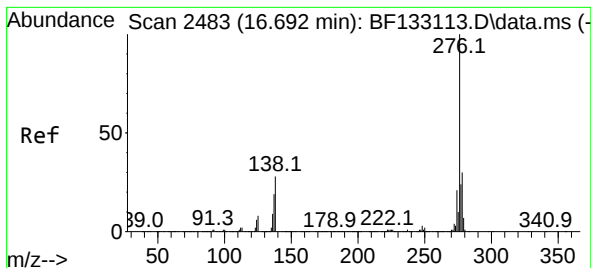
Tgt Ion:149 Resp: 1453631
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.6 9.5 14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 2245
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Tgt Ion:264 Resp: 429350
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 22.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.401 ng

RT: 16.680 min Scan# 2483

Delta R.T. 0.006 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB152690BS

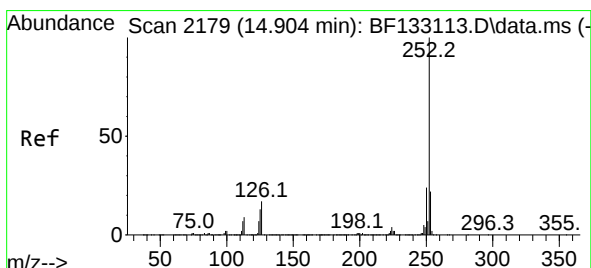
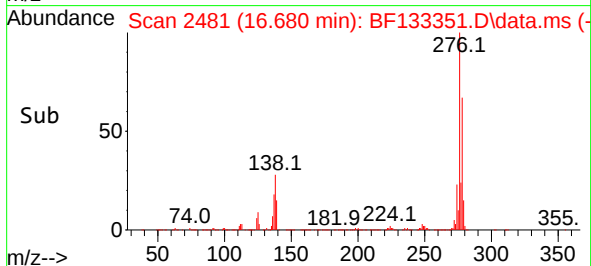
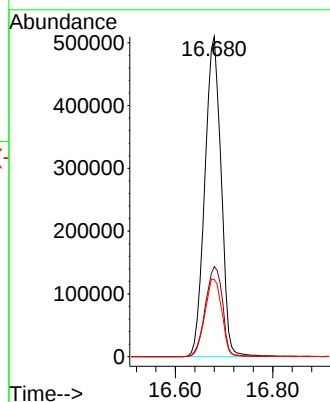
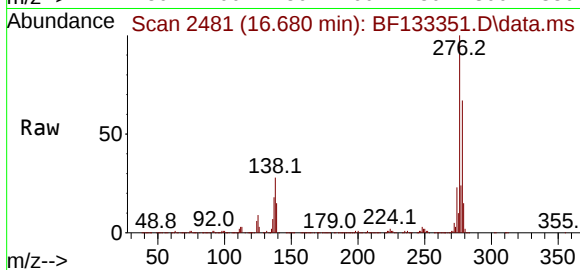
Tgt Ion:276 Resp: 1182058

Ion Ratio Lower Upper

276 100

138 29.8 25.5 38.3

277 25.3 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 41.852 ng

RT: 14.892 min Scan# 2177

Delta R.T. -0.000 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

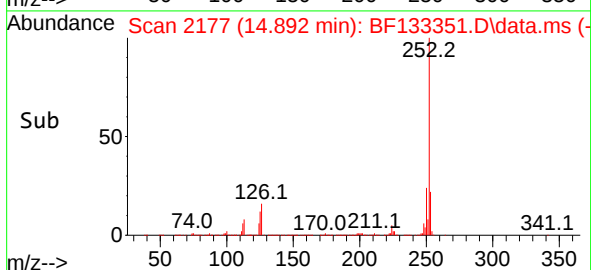
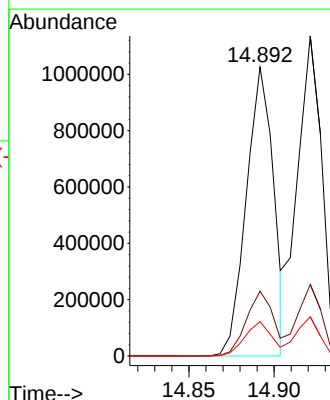
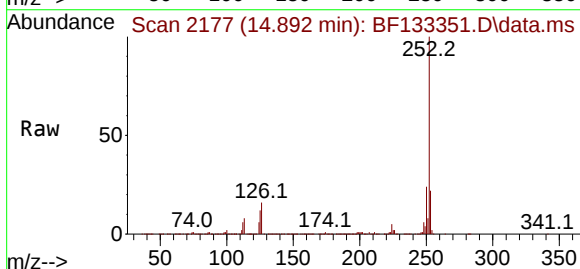
Tgt Ion:252 Resp: 1143187

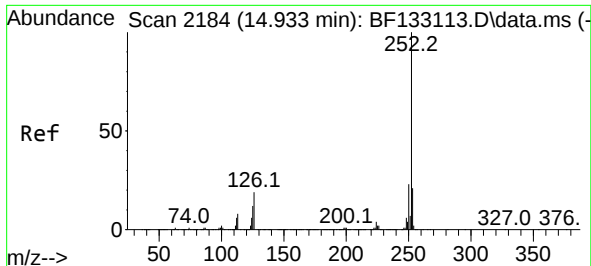
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 11.9 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 42.598 ng

RT: 14.921 min Scan# 2184

Delta R.T. -0.000 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB152690BS

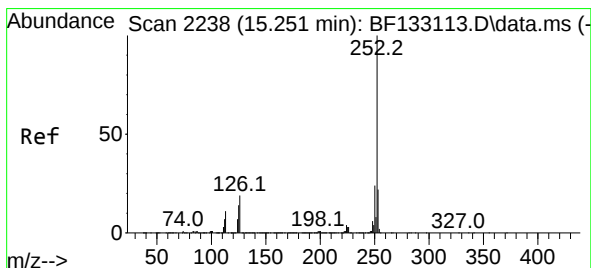
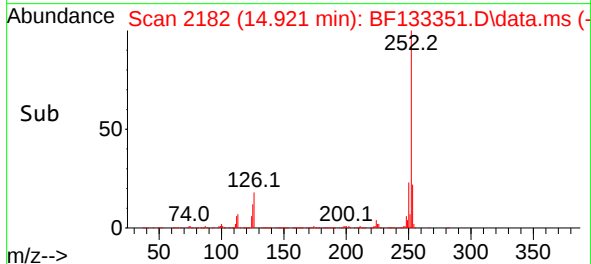
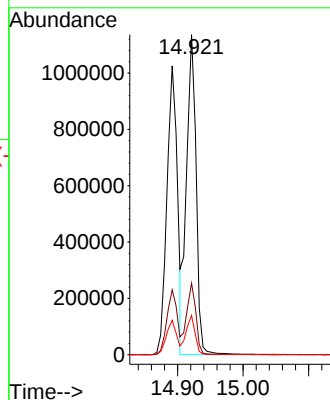
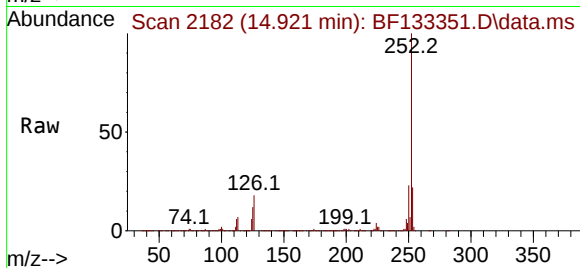
Tgt Ion:252 Resp: 1153426

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 12.2 9.0 13.4



#90

Benzo(a)pyrene

Concen: 39.531 ng

RT: 15.239 min Scan# 2236

Delta R.T. -0.000 min

Lab File: BF133351.D

Acq: 11 May 2023 12:48

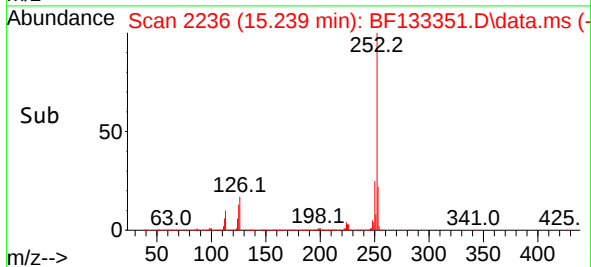
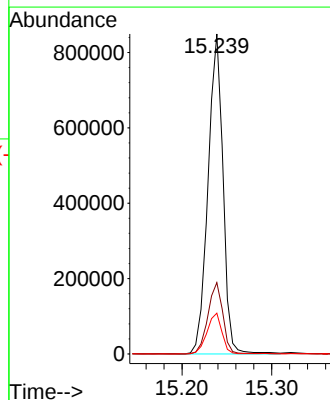
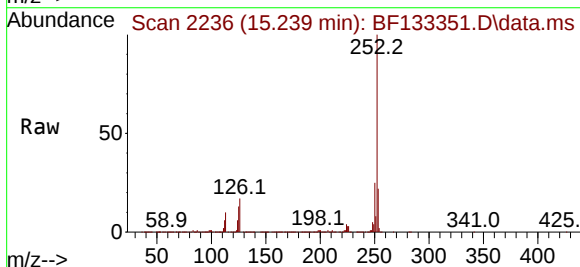
Tgt Ion:252 Resp: 982823

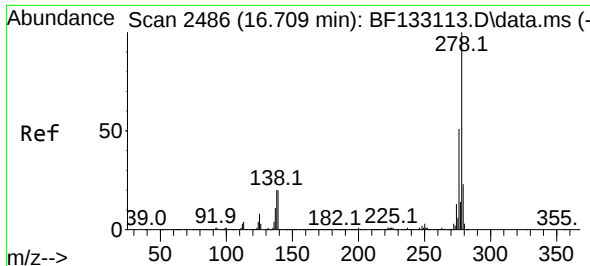
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 12.7 10.5 15.7

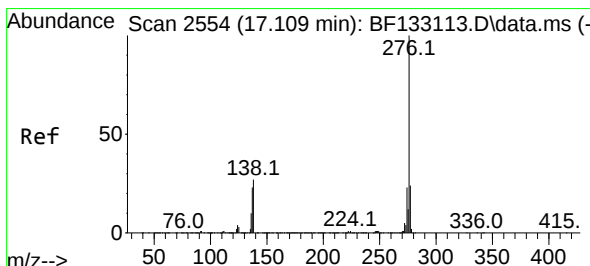
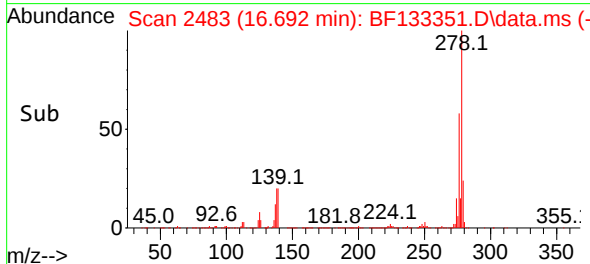
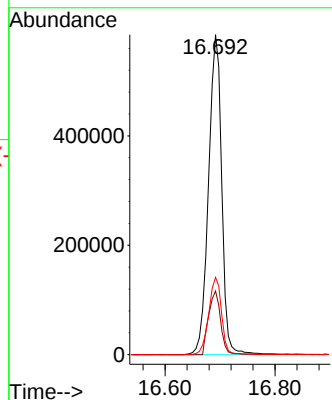
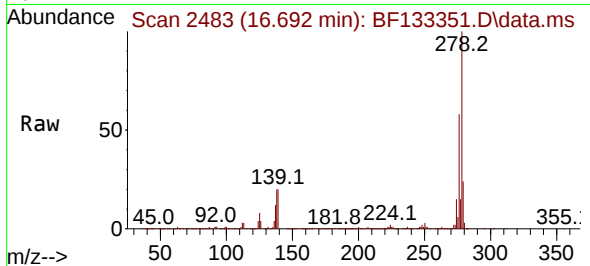




#91
Dibenzo(a,h)anthracene
Concen: 47.831 ng
RT: 16.692 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Instrument :
BNA_F
ClientSampleId :
PB152690BS

Tgt Ion:278 Resp: 974285
Ion Ratio Lower Upper
278 100
139 19.9 16.6 24.8
279 24.2 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 49.090 ng
RT: 17.098 min Scan# 2552
Delta R.T. 0.012 min
Lab File: BF133351.D
Acq: 11 May 2023 12:48

Tgt Ion:276 Resp: 987193
Ion Ratio Lower Upper
276 100
277 23.3 19.4 29.0
138 24.8 22.7 34.1

