

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022223\
 Data File : BF132511.D
 Acq On : 22 Feb 2023 18:07
 Operator : CG\JU
 Sample : PB150910BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150910BS

Quant Time: Feb 23 01:18:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	212416	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	777511	20.000	ng	0.00
39) Acenaphthene-d10	10.060	164	415810	20.000	ng	0.00
64) Phenanthrene-d10	11.560	188	804345	20.000	ng	0.00
76) Chrysene-d12	14.213	240	489985	20.000	ng	# 0.00
86) Perylene-d12	15.765	264	428301	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	1194194	91.243	ng	0.01
7) Phenol-d6	6.642	99	1565697	91.662	ng	0.00
23) Nitrobenzene-d5	7.578	82	1047576	63.924	ng	0.00
42) 2,4,6-Tribromophenol	10.860	330	419059	93.320	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	1672711	61.253	ng	0.00
79) Terphenyl-d14	13.148	244	1915286	66.089	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.007	88	291600	40.278	ng	100
3) Pyridine	3.743	79	705581	36.716	ng	100
4) n-Nitrosodimethylamine	3.713	42	298666	41.145	ng	98
6) Aniline	6.672	93	780486	33.953	ng	99
8) 2-Chlorophenol	6.801	128	563655	41.495	ng	99
9) Benzaldehyde	6.560	77	370132	40.158	ng	99
10) Phenol	6.660	94	792126	40.449	ng	98
11) bis(2-Chloroethyl)ether	6.742	93	625804	41.395	ng	99
12) 1,3-Dichlorobenzene	6.954	146	625297	42.896	ng	98
13) 1,4-Dichlorobenzene	7.031	146	621842	42.722	ng	99
14) 1,2-Dichlorobenzene	7.184	146	566530	40.556	ng	99
15) Benzyl Alcohol	7.154	79	560720	42.624	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.284	45	822161	42.647	ng	99
17) 2-Methylphenol	7.266	107	496938	39.198	ng	98
18) Hexachloroethane	7.525	117	246988	43.434	ng	96
19) n-Nitroso-di-n-propyla...	7.425	70	411177	39.114	ng	97
20) 3+4-Methylphenols	7.413	107	570000	34.802	ng	97
22) Acetophenone	7.419	105	775824	39.572	ng	95
24) Nitrobenzene	7.595	77	704966	40.223	ng	95
25) Isophorone	7.831	82	1270894	40.450	ng	98
26) 2-Nitrophenol	7.913	139	321907	41.628	ng	98
27) 2,4-Dimethylphenol	7.948	122	498738	40.864	ng	99
28) bis(2-Chloroethoxy)met...	8.036	93	751646	40.895	ng	100
29) 2,4-Dichlorophenol	8.154	162	507573	41.807	ng	97
30) 1,2,4-Trichlorobenzene	8.236	180	555470	42.135	ng	100
31) Naphthalene	8.319	128	1578053	39.646	ng	99
32) Benzoic acid	8.078	122	363696	38.629	ng	92
33) 4-Chloroaniline	8.366	127	257346	15.088	ng	94
34) Hexachlorobutadiene	8.431	225	347935	41.533	ng	100
35) Caprolactam	8.748	113	119906	29.957	ng	92
36) 4-Chloro-3-methylphenol	8.854	107	551046	41.329	ng	99
37) 2-Methylnaphthalene	9.013	142	1063765	39.216	ng	99
38) 1-Methylnaphthalene	9.113	142	981257	38.708	ng	99
40) 1,2,4,5-Tetrachloroben...	9.178	216	552229	40.592	ng	99
41) Hexachlorocyclopentadiene	9.166	237	735510	99.678	ng	99
43) 2,4,6-Trichlorophenol	9.295	196	387311	42.010	ng	99

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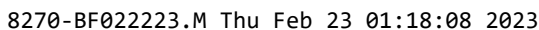
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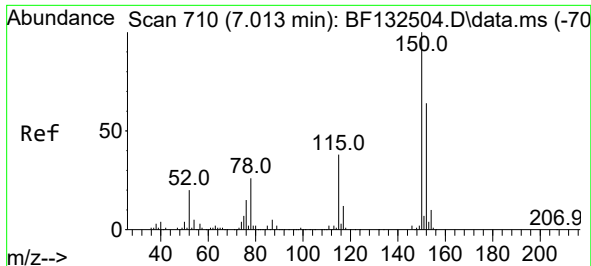
Quant Time: Feb 23 01:18:03 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.336	196	425249	39.519	ng	95
46) 1,1'-Biphenyl	9.478	154	1289691	40.979	ng	99
47) 2-Chloronaphthalene	9.507	162	1029551	41.261	ng	99
48) 2-Nitroaniline	9.601	65	366555	39.886	ng	99
49) Acenaphthylene	9.925	152	1597155	40.218	ng	100
50) Dimethylphthalate	9.778	163	1205662	39.822	ng	100
51) 2,6-Dinitrotoluene	9.842	165	282437	40.962	ng	99
52) Acenaphthene	10.095	154	952903	37.788	ng	99
53) 3-Nitroaniline	10.013	138	204586	26.525	ng	98
54) 2,4-Dinitrophenol	10.125	184	351694	80.920	ng	98
55) Dibenzofuran	10.272	168	1452857	39.520	ng	98
56) 4-Nitrophenol	10.183	139	462256	80.363	ng	91
57) 2,4-Dinitrotoluene	10.248	165	382084	41.653	ng	97
58) Fluorene	10.613	166	1111035	39.511	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.389	232	341785	42.759	ng	99
60) Diethylphthalate	10.477	149	1184976	40.075	ng	99
61) 4-Chlorophenyl-phenyle...	10.601	204	572926	39.275	ng	98
62) 4-Nitroaniline	10.636	138	299097	39.505	ng	98
63) Azobenzene	10.766	77	1265580	40.414	ng	99
65) 4,6-Dinitro-2-methylph...	10.660	198	227893	41.853	ng	97
66) n-Nitrosodiphenylamine	10.725	169	988344	39.414	ng	98
67) 4-Bromophenyl-phenylether	11.095	248	368437	40.495	ng	99
68) Hexachlorobenzene	11.166	284	408299	42.648	ng	97
69) Atrazine	11.248	200	339448	43.361	ng	99
70) Pentachlorophenol	11.360	266	434623	76.304	ng	99
71) Phenanthrene	11.583	178	1645601	39.492	ng	99
72) Anthracene	11.636	178	1692342	39.440	ng	99
73) Carbazole	11.789	167	1555040	40.195	ng	100
74) Di-n-butylphthalate	12.107	149	1774555	39.104	ng	100
75) Fluoranthene	12.777	202	1777312	39.017	ng	99
77) Benzidine	12.895	184	872212	73.125	ng	100
78) Pyrene	13.013	202	1835080	41.193	ng	100
80) Butylbenzylphthalate	13.618	149	727910	41.406	ng	99
81) Benzo(a)anthracene	14.201	228	1494047	40.752	ng	98
82) 3,3'-Dichlorobenzidine	14.160	252	299825	27.739	ng	100
83) Chrysene	14.242	228	1374022	40.079	ng	99
84) Bis(2-ethylhexyl)phtha...	14.171	149	921553	42.673	ng	100
85) Di-n-octyl phthalate	14.801	149	1302333	41.268	ng	100
87) Indeno(1,2,3-cd)pyrene	17.377	276	1276185	45.474	ng	99
88) Benzo(b)fluoranthene	15.301	252	1248268	43.490	ng	98
89) Benzo(k)fluoranthene	15.336	252	1146758	40.823	ng	99
90) Benzo(a)pyrene	15.701	252	1050113	39.091	ng	99
91) Dibenzo(a,h)anthracene	17.395	278	1048042	45.834	ng	98
92) Benzo(g,h,i)perylene	17.871	276	1081120	42.045	ng	99

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

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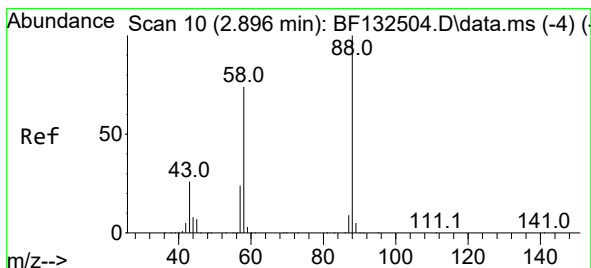
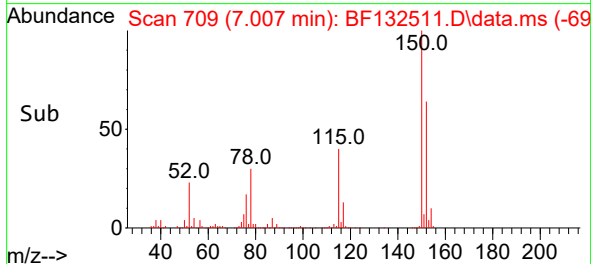
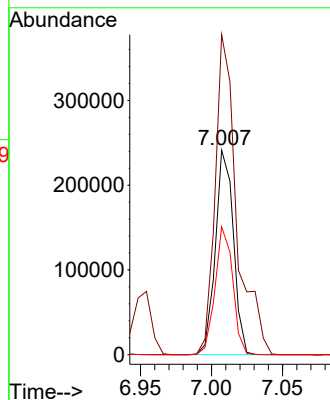
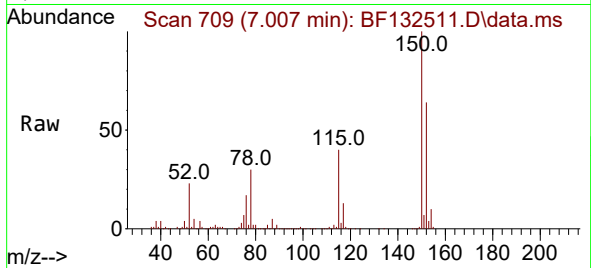




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.007 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

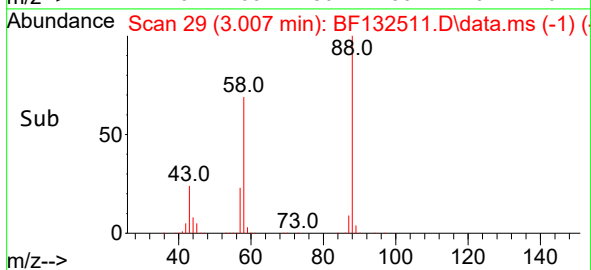
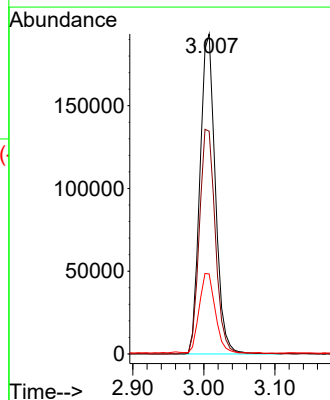
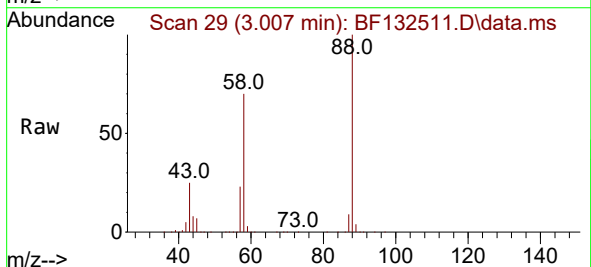
Instrument :
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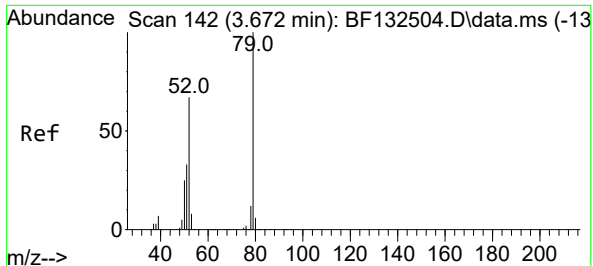
Tgt Ion:152 Resp: 212416
Ion Ratio Lower Upper
152 100
150 156.5 125.4 188.2
115 62.6 47.8 71.6



#2
1,4-Dioxane
Concen: 40.278 ng
RT: 3.007 min Scan# 29
Delta R.T. 0.112 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion: 88 Resp: 291600
Ion Ratio Lower Upper
88 100
58 72.9 58.3 87.5
43 25.7 20.7 31.1

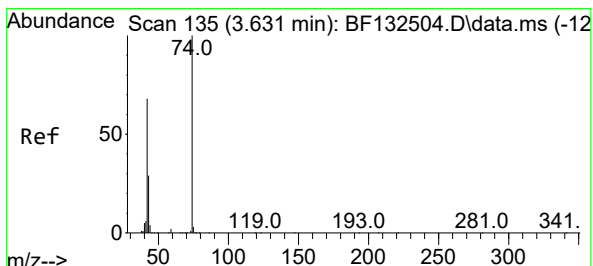
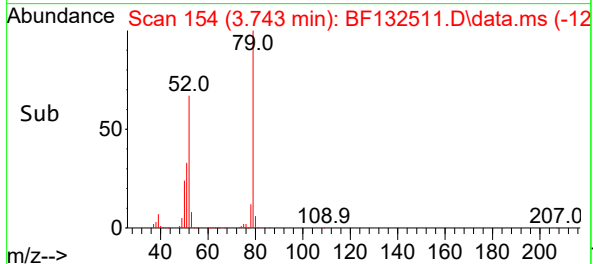
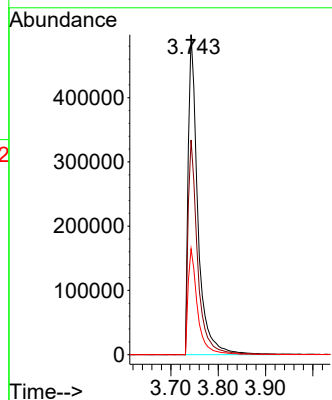
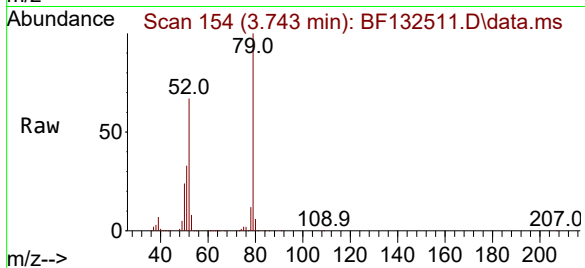




#3
Pyridine
Concen: 36.716 ng
RT: 3.743 min Scan# 142
Delta R.T. 0.071 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

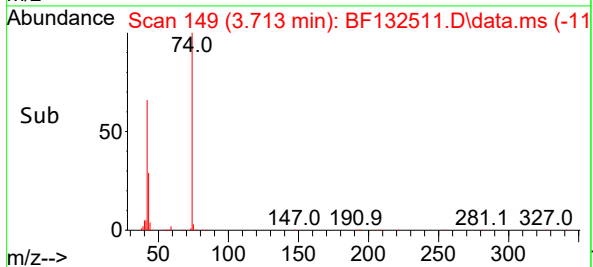
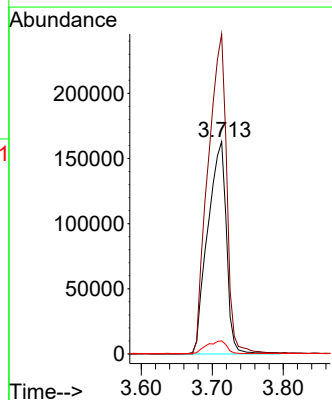
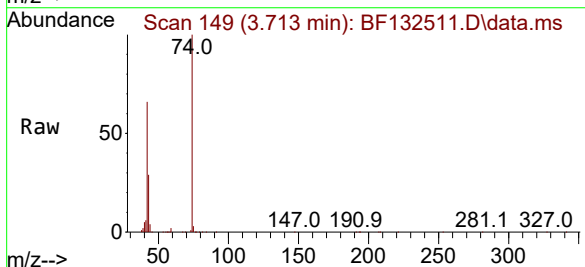
Instrument :
BNA_F
ClientSampleId :
PB150910BS

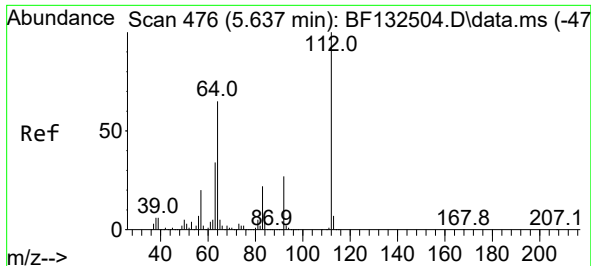
Tgt Ion: 79 Resp: 705581
Ion Ratio Lower Upper
79 100
52 67.1 53.7 80.5
51 33.1 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 41.145 ng
RT: 3.713 min Scan# 149
Delta R.T. 0.082 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion: 42 Resp: 298666
Ion Ratio Lower Upper
42 100
74 150.8 118.2 177.2
44 6.2 5.3 7.9

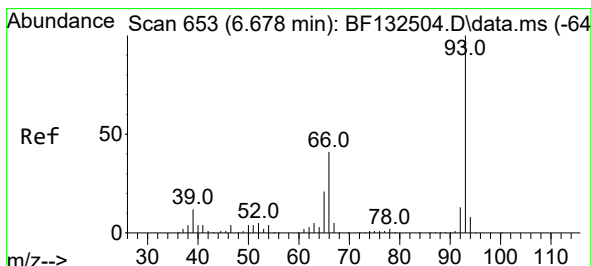
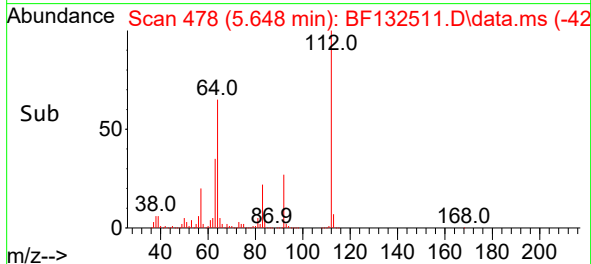
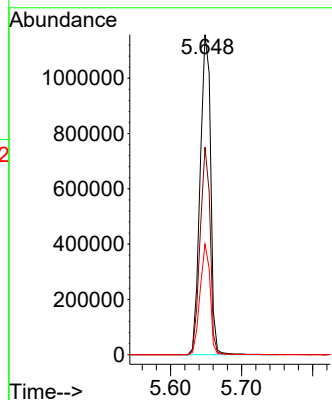
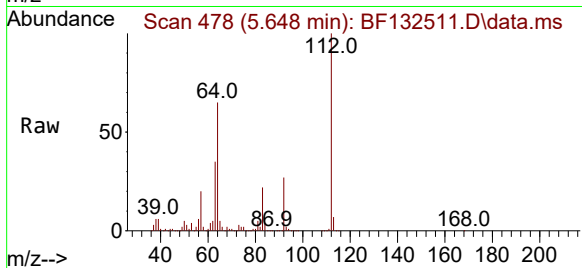




#5
2-Fluorophenol
Concen: 91.243 ng
RT: 5.648 min Scan# 41
Delta R.T. 0.012 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

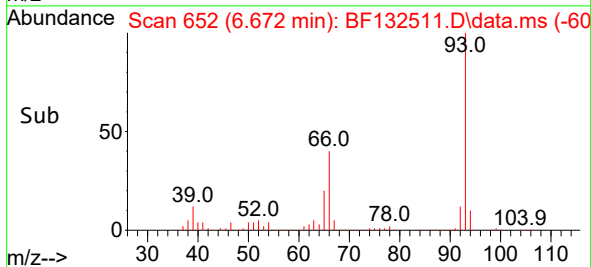
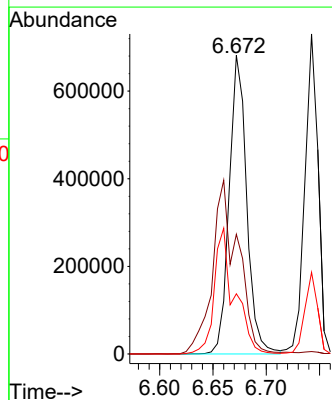
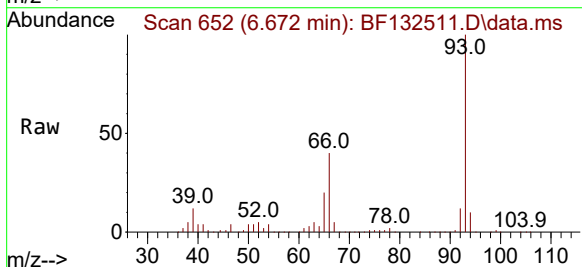
Instrument :
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ClientSampleId :
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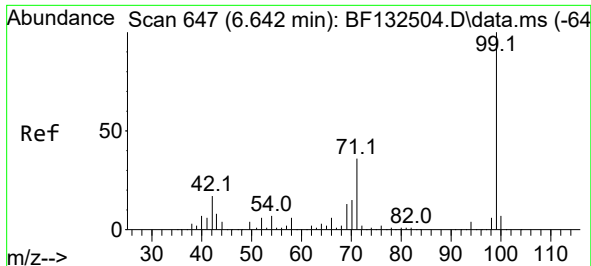
Tgt Ion:112 Resp: 1194194
Ion Ratio Lower Upper
112 100
64 64.9 51.6 77.4
63 34.6 27.4 41.2



#6
Aniline
Concen: 33.953 ng
RT: 6.672 min Scan# 652
Delta R.T. -0.006 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

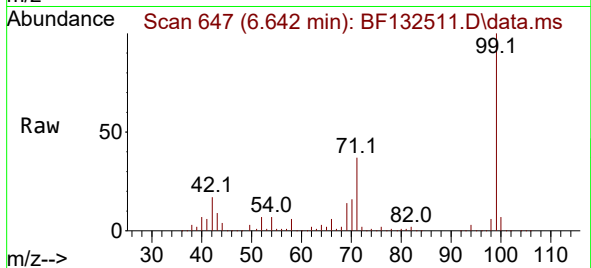
Tgt Ion: 93 Resp: 780486
Ion Ratio Lower Upper
93 100
66 40.0 32.5 48.7
65 20.2 16.6 24.8





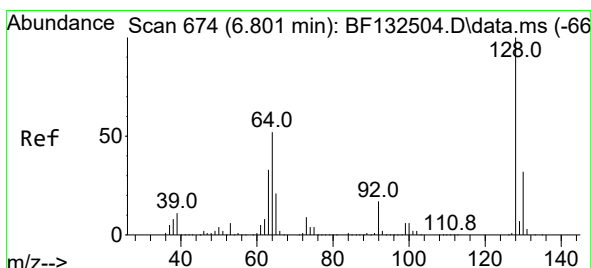
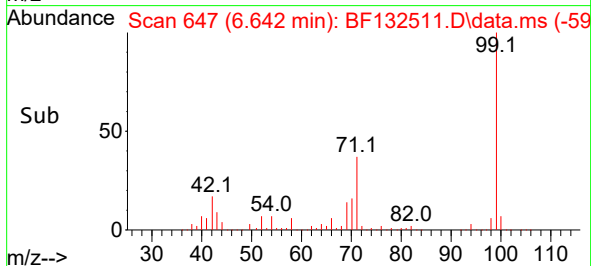
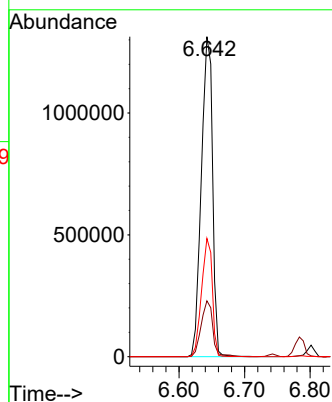
#7
Phenol-d6
Concen: 91.662 ng
RT: 6.642 min Scan# 647
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Instrument :
BNA_F
ClientSampleId :
PB150910BS



Tgt Ion: 99 Resp: 1565697

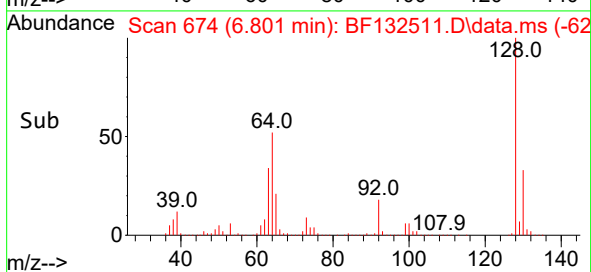
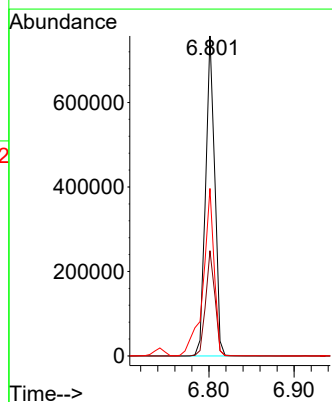
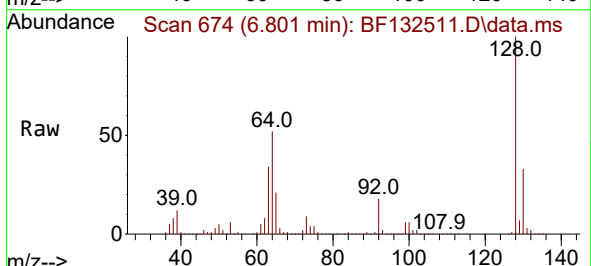
Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.9	20.9
71	36.9	28.5	42.7

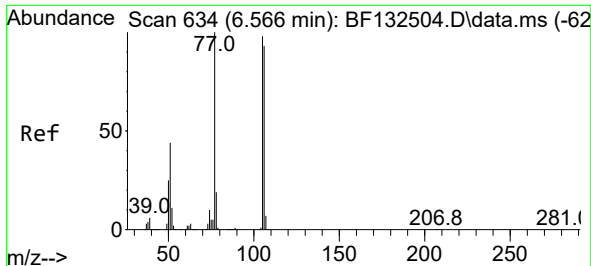


#8
2-Chlorophenol
Concen: 41.495 ng
RT: 6.801 min Scan# 674
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion: 128 Resp: 563655

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.1	52.1
64	52.4	32.0	72.0

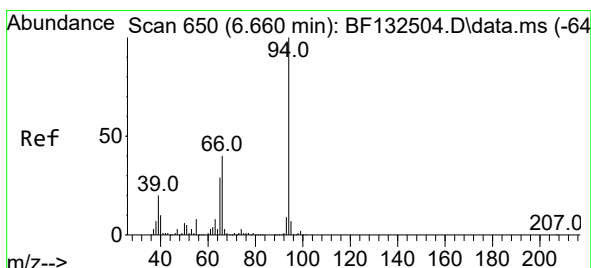
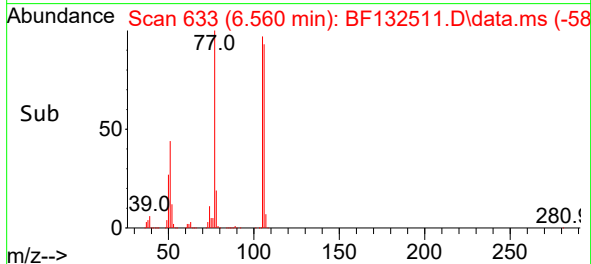
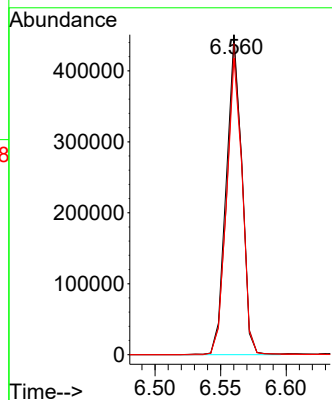
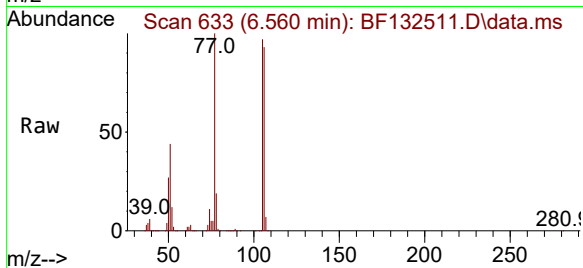




#9
Benzaldehyde
Concen: 40.158 ng
RT: 6.560 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

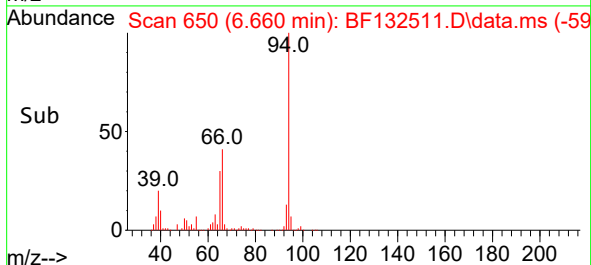
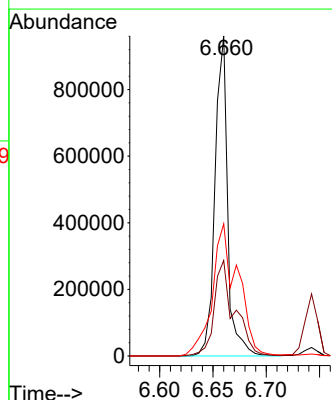
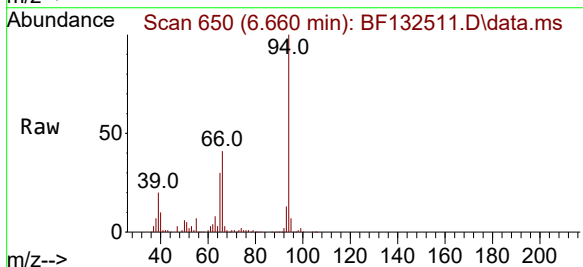
Instrument :
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ClientSampleId :
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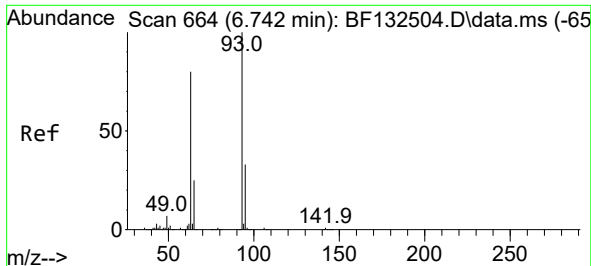
Tgt Ion: 77 Resp: 370132
Ion Ratio Lower Upper
77 100
105 97.3 77.9 117.9
106 92.7 73.4 113.4



#10
Phenol
Concen: 40.449 ng
RT: 6.660 min Scan# 650
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion: 94 Resp: 792126
Ion Ratio Lower Upper
94 100
65 29.9 9.4 49.4
66 41.3 19.8 59.8

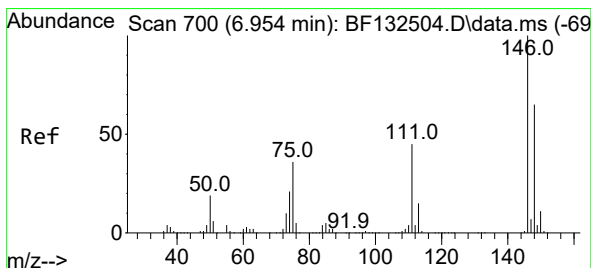
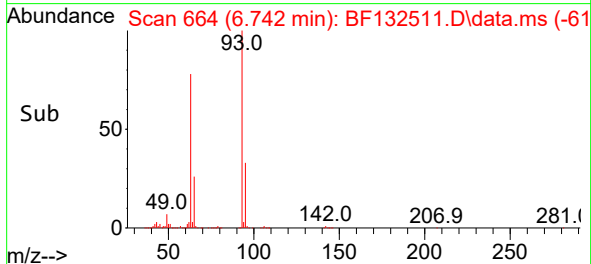
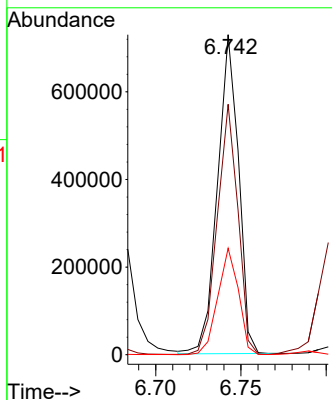
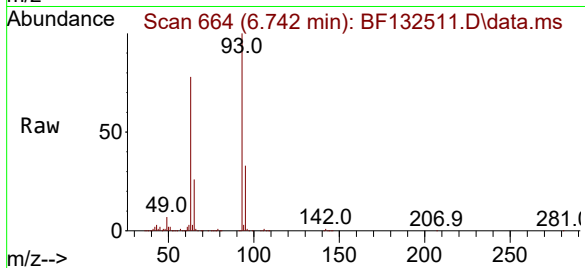




#11
bis(2-Chloroethyl)ether
Concen: 41.395 ng
RT: 6.742 min Scan# 60
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

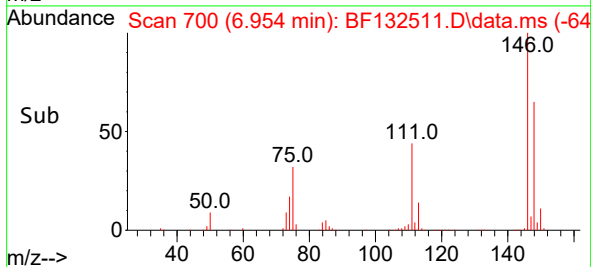
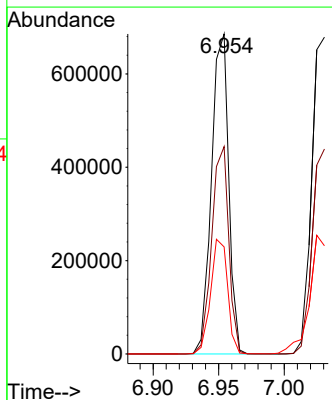
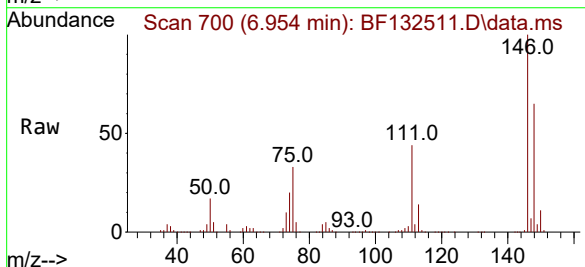
Instrument :
BNA_F
ClientSampleId :
PB150910BS

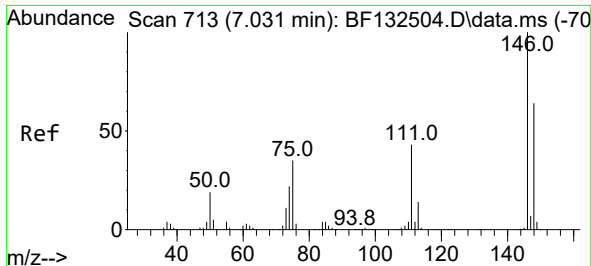
Tgt Ion: 93 Resp: 625804
Ion Ratio Lower Upper
93 100
63 78.3 59.6 99.6
95 33.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.896 ng
RT: 6.954 min Scan# 700
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion:146 Resp: 625297
Ion Ratio Lower Upper
146 100
148 64.8 51.9 77.9
75 33.5 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 42.722 ng

RT: 7.031 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

Instrument :

BNA_F

ClientSampleId :

PB150910BS

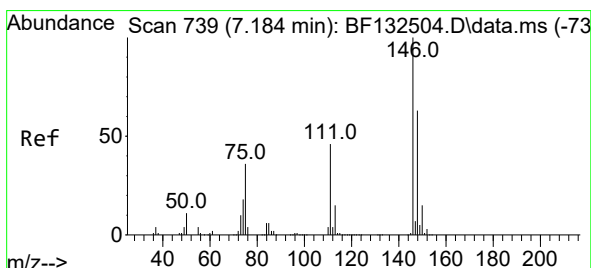
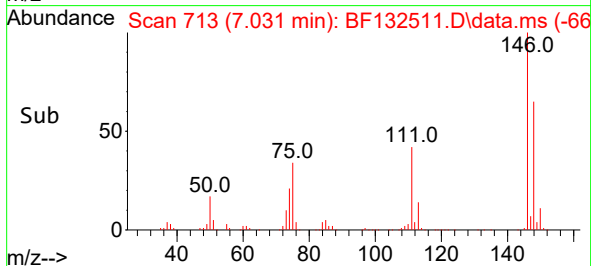
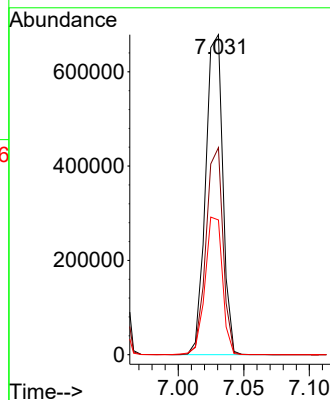
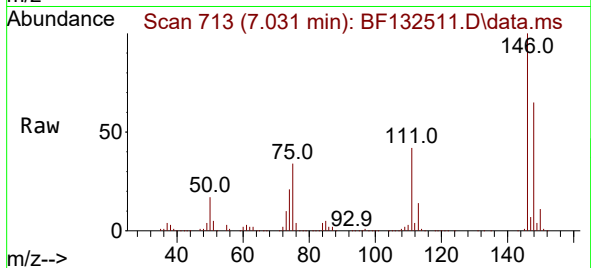
Tgt Ion:146 Resp: 621842

Ion Ratio Lower Upper

146 100

148 64.7 51.1 76.7

111 42.1 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 40.556 ng

RT: 7.184 min Scan# 739

Delta R.T. -0.000 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

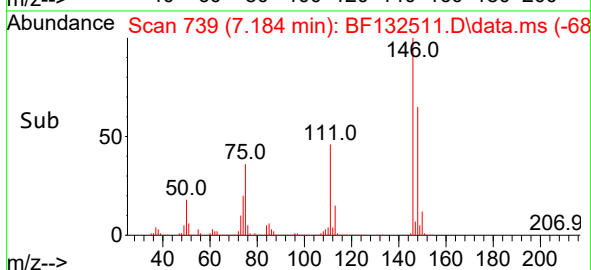
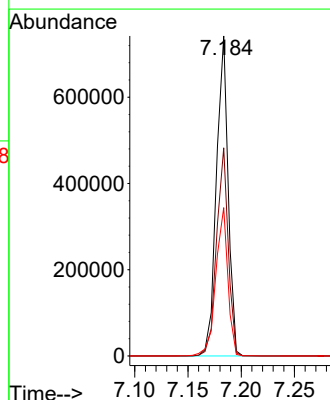
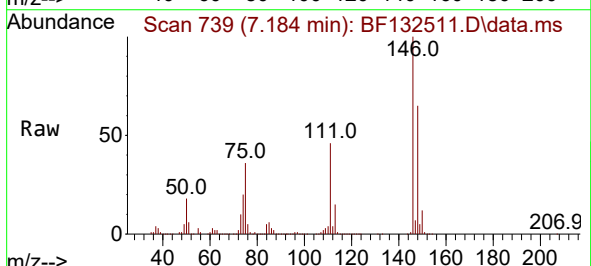
Tgt Ion:146 Resp: 566530

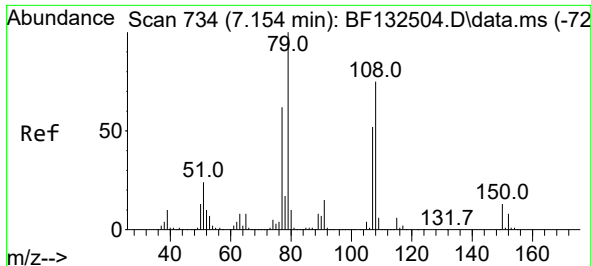
Ion Ratio Lower Upper

146 100

148 65.0 50.6 75.8

111 46.4 37.2 55.8

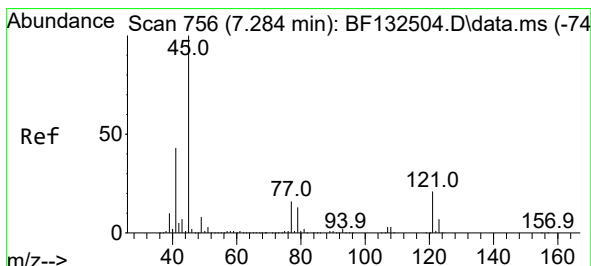
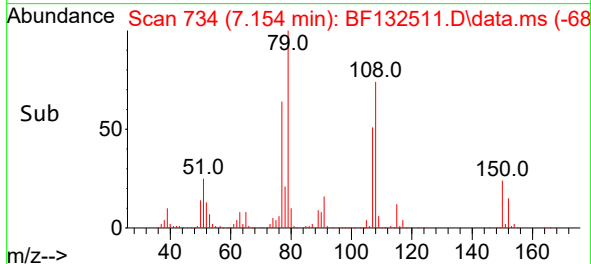
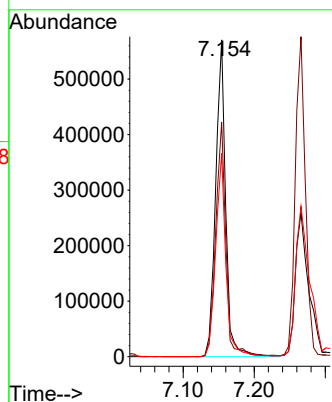
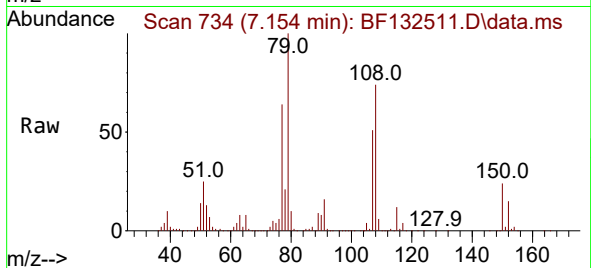




#15
Benzyl Alcohol
Concen: 42.624 ng
RT: 7.154 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

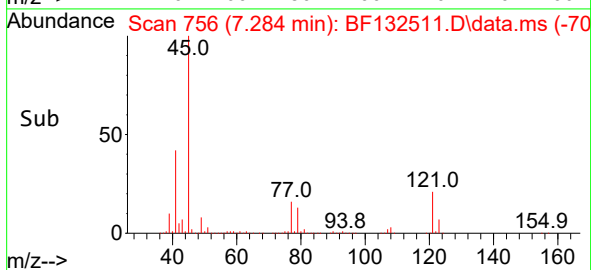
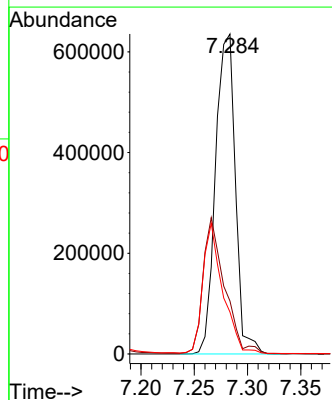
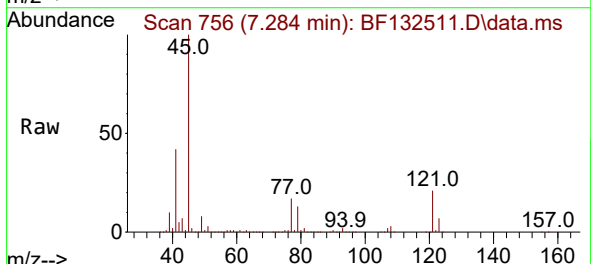
Instrument :
BNA_F
ClientSampleId :
PB150910BS

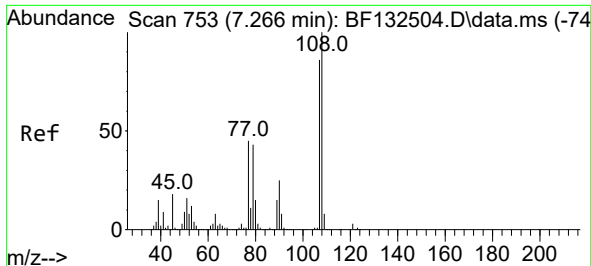
Tgt Ion: 79 Resp: 560720
Ion Ratio Lower Upper
79 100
108 74.1 60.2 90.4
77 64.1 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.647 ng
RT: 7.284 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

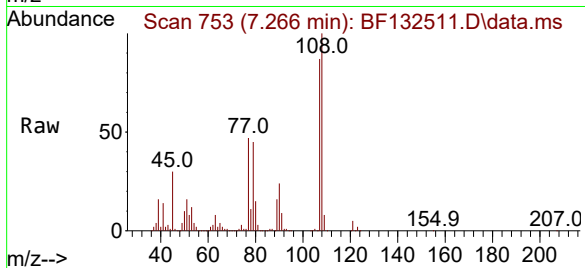
Tgt Ion: 45 Resp: 822161
Ion Ratio Lower Upper
45 100
77 16.5 0.0 36.4
79 13.1 0.0 33.4



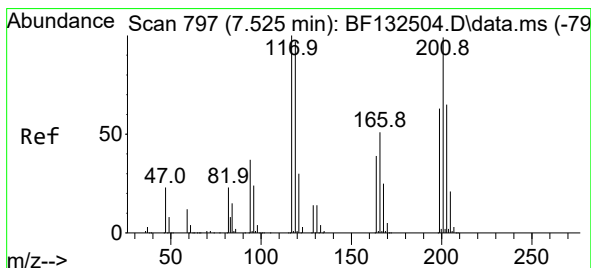
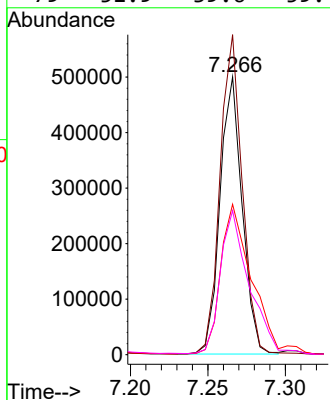
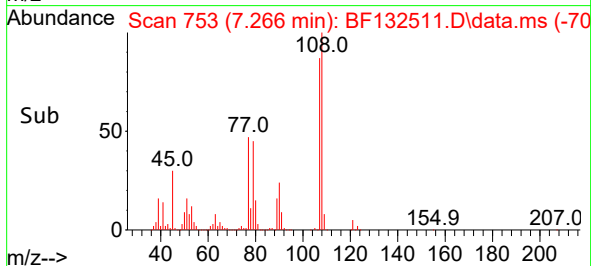


#17
2-Methylphenol
Concen: 39.198 ng
RT: 7.266 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Instrument :
BNA_F
ClientSampleId :
PB150910BS

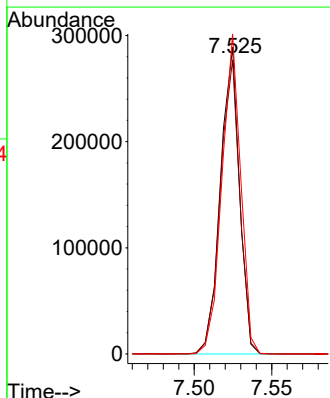
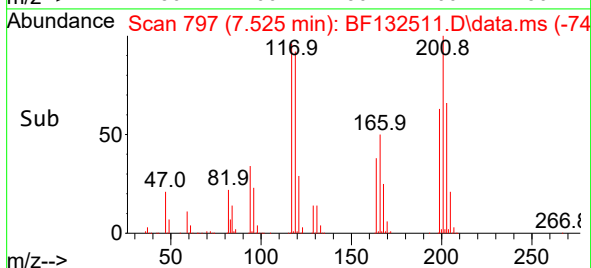
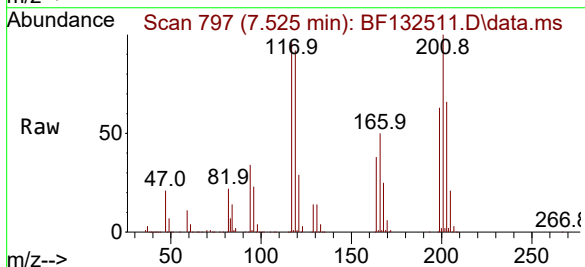


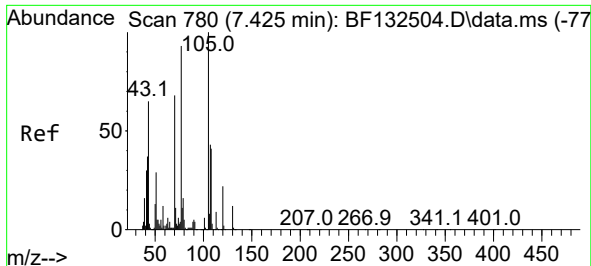
Tgt Ion:	107	Resp:	496938
Ion	Ratio	Lower	Upper
107	100		
108	115.2	93.0	139.4
77	54.1	42.1	63.1
79	51.9	39.6	59.4



#18
Hexachloroethane
Concen: 43.434 ng
RT: 7.525 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion:	117	Resp:	246988
Ion	Ratio	Lower	Upper
117	100		
119	95.9	78.0	117.0
201	104.4	79.0	118.4



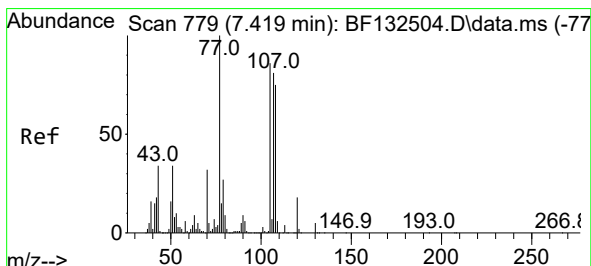
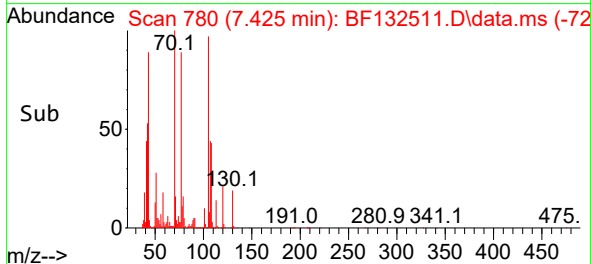
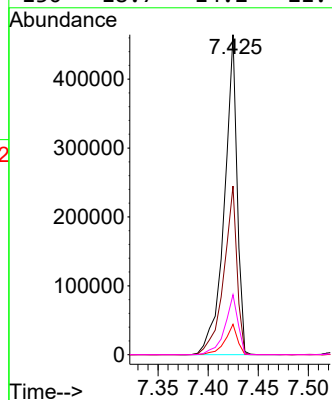
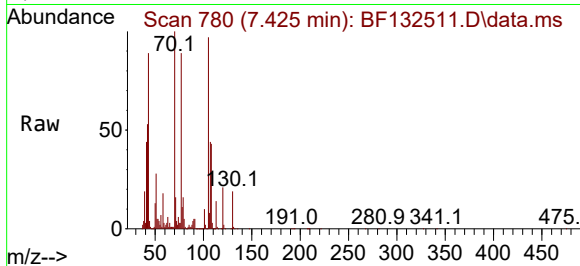


#19
n-Nitroso-di-n-propylamine
Concen: 39.114 ng
RT: 7.425 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Instrument :
BNA_F
ClientSampleId :
PB150910BS

Tgt Ion: 70 Resp: 411177

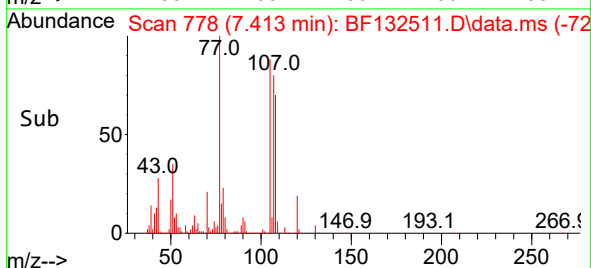
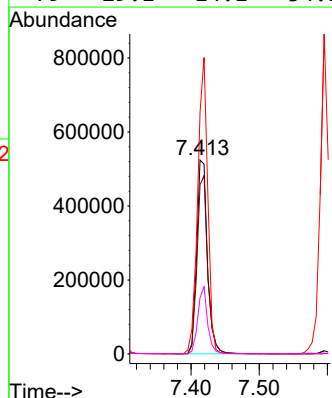
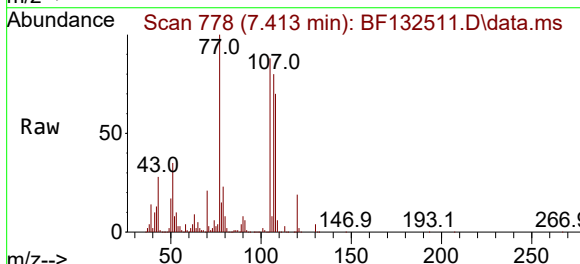
Ion	Ratio	Lower	Upper
70	100		
42	52.7	44.1	66.1
101	9.5	7.4	11.2
130	18.7	14.2	21.4

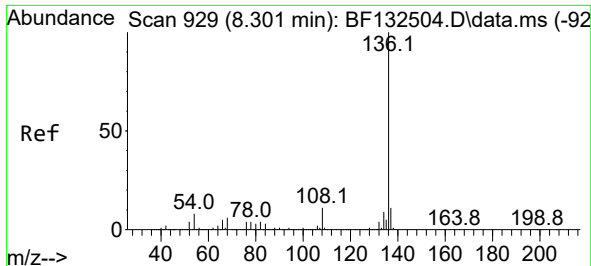


#20
3+4-Methylphenols
Concen: 34.802 ng
RT: 7.413 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion: 107 Resp: 570000

Ion	Ratio	Lower	Upper
107	100		
108	87.2	72.6	112.6
77	124.5	104.0	144.0
79	29.1	14.1	54.1

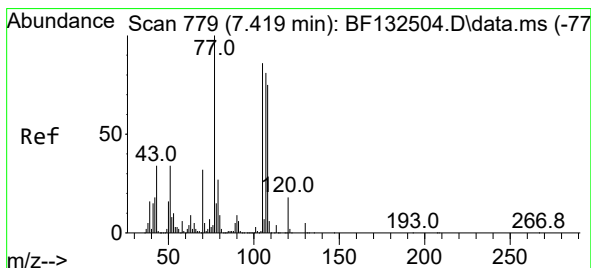
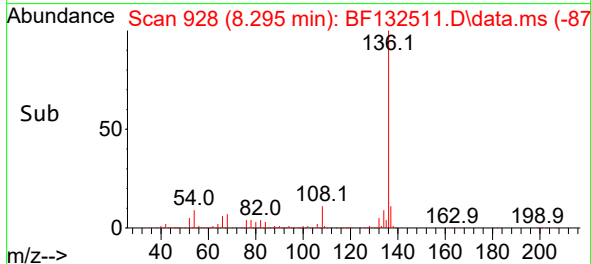
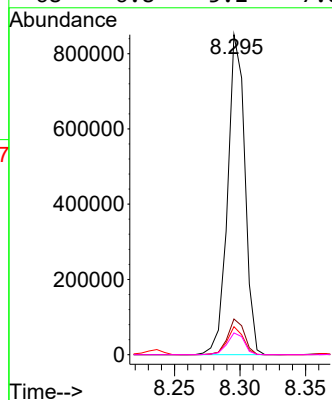
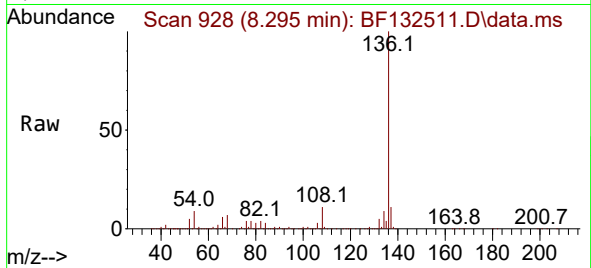




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.295 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

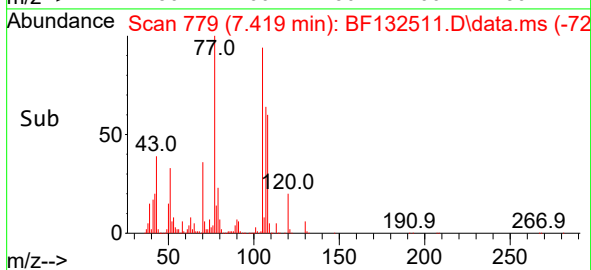
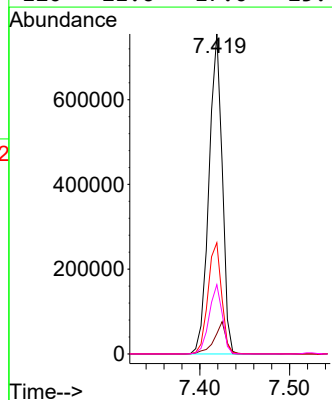
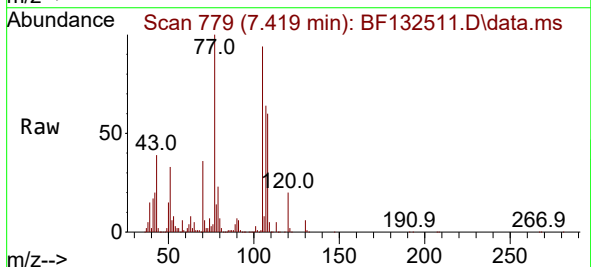
Instrument :
BNA_F
ClientSampleId :
PB150910BS

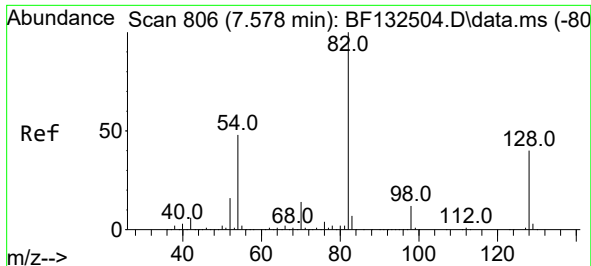
Tgt Ion:136 Resp: 777511
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.7 6.2 9.4
68 6.8 5.2 7.8



#22
Acetophenone
Concen: 39.572 ng
RT: 7.419 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion:105 Resp: 775824
Ion Ratio Lower Upper
105 100
71 6.3 5.0 7.4
51 34.8 31.5 47.3
120 21.6 17.0 25.4





#23

Nitrobenzene-d5

Concen: 63.924 ng

RT: 7.578 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

Instrument :

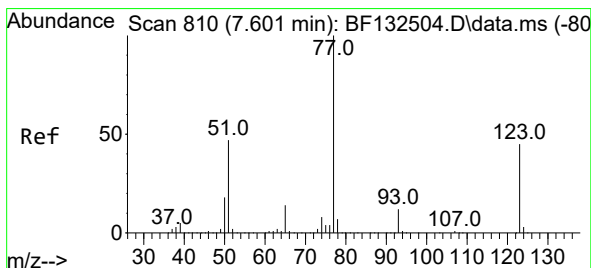
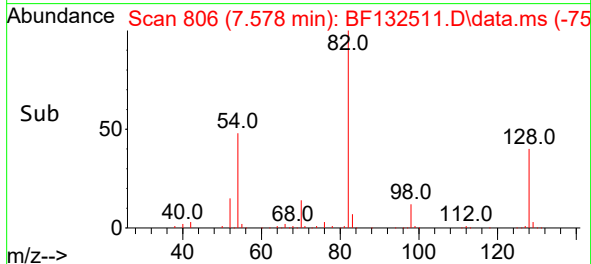
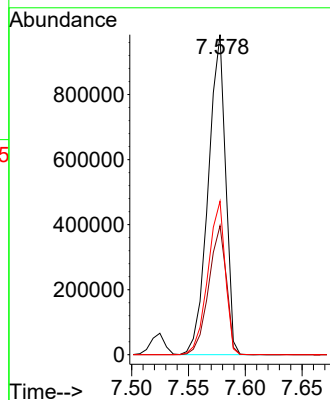
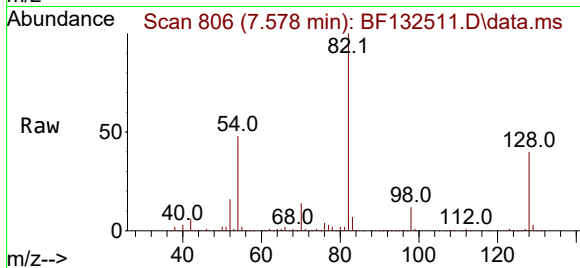
BNA_F

ClientSampleId :

PB150910BS

Tgt Ion: 82 Resp: 1047576

Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.2	48.2
54	48.0	38.4	57.6



#24

Nitrobenzene

Concen: 40.223 ng

RT: 7.595 min Scan# 809

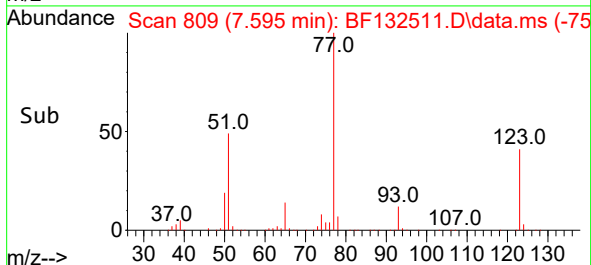
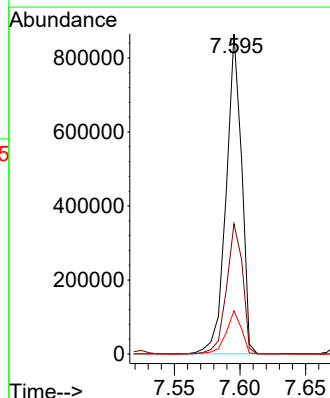
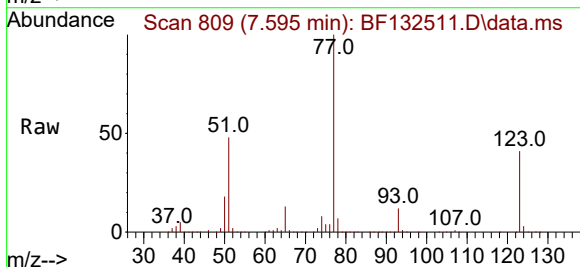
Delta R.T. -0.006 min

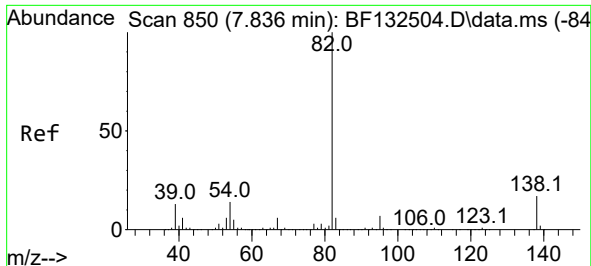
Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

Tgt Ion: 77 Resp: 704966

Ion	Ratio	Lower	Upper
77	100		
123	40.7	35.8	53.6
65	13.5	10.9	16.3

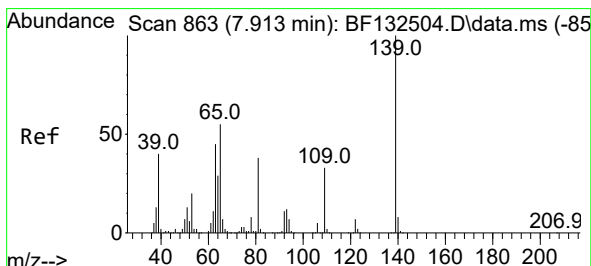
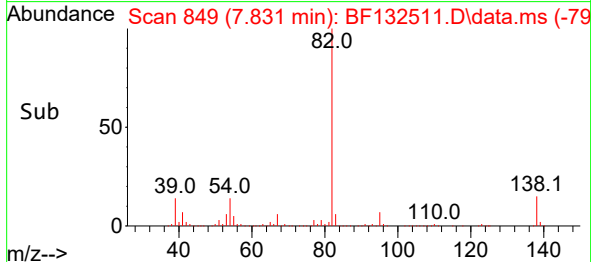
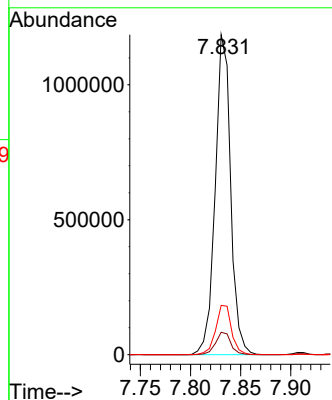
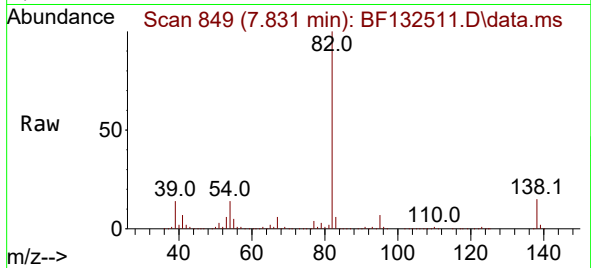




#25
Isophorone
Concen: 40.450 ng
RT: 7.831 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

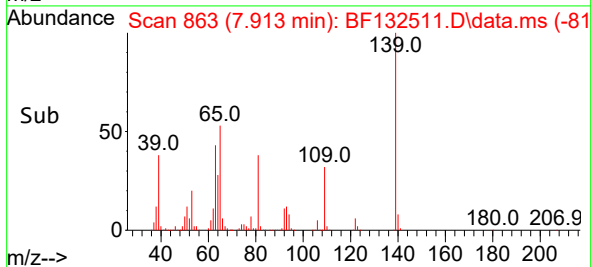
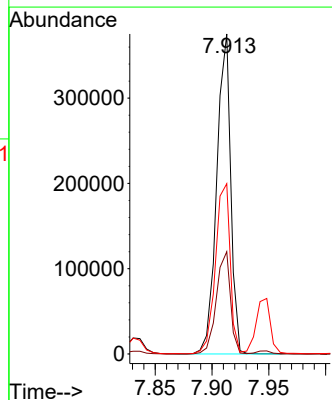
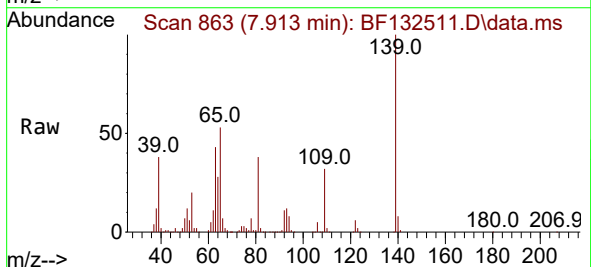
Instrument :
BNA_F
ClientSampleId :
PB150910BS

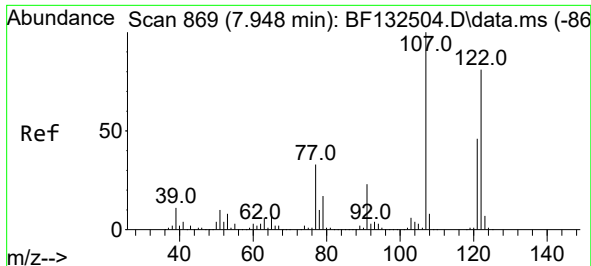
Tgt Ion: 82 Resp: 1270894
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 15.4 13.3 19.9



#26
2-Nitrophenol
Concen: 41.628 ng
RT: 7.913 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion:139 Resp: 321907
Ion Ratio Lower Upper
139 100
109 32.0 26.2 39.2
65 53.2 43.8 65.8

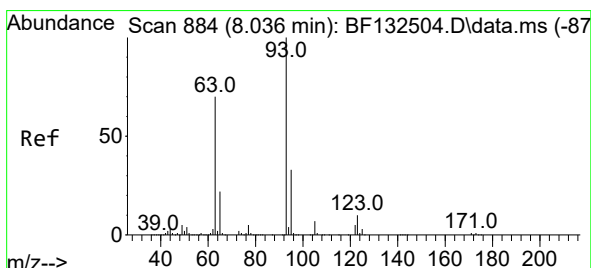
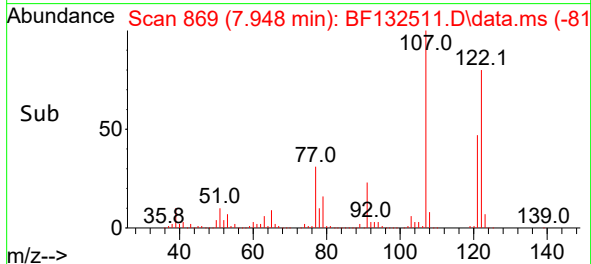
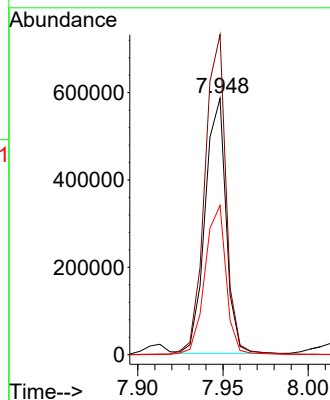
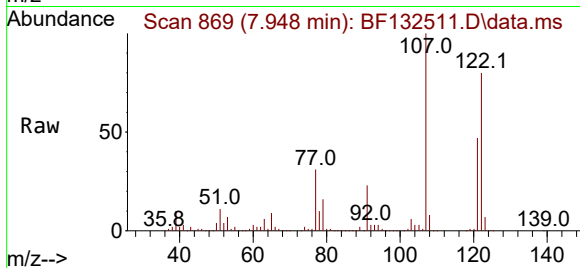




#27
2,4-Dimethylphenol
Concen: 40.864 ng
RT: 7.948 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

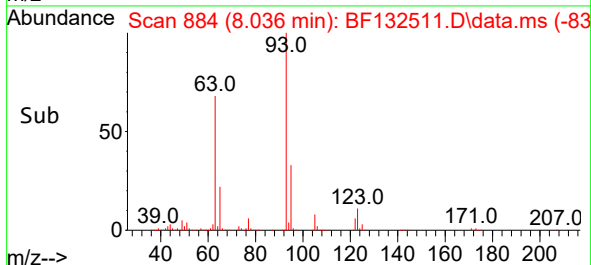
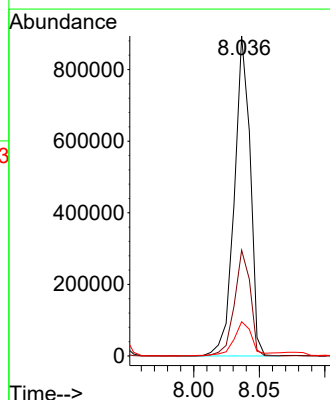
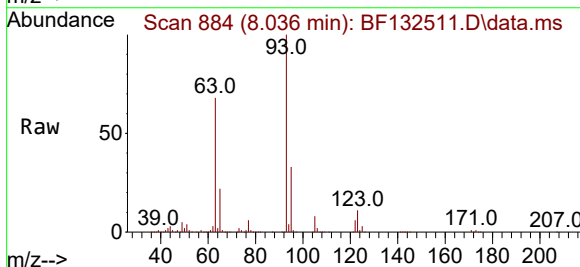
Instrument :
BNA_F
ClientSampleId :
PB150910BS

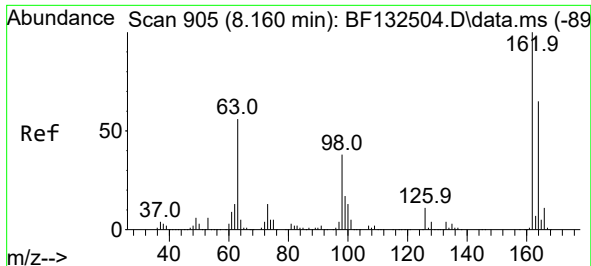
Tgt Ion:122 Resp: 498738
Ion Ratio Lower Upper
122 100
107 124.8 98.7 148.1
121 58.2 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.895 ng
RT: 8.036 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion: 93 Resp: 751646
Ion Ratio Lower Upper
93 100
95 33.0 26.3 39.5
123 10.7 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 41.807 ng

RT: 8.154 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

Instrument :

BNA_F

ClientSampleId :

PB150910BS

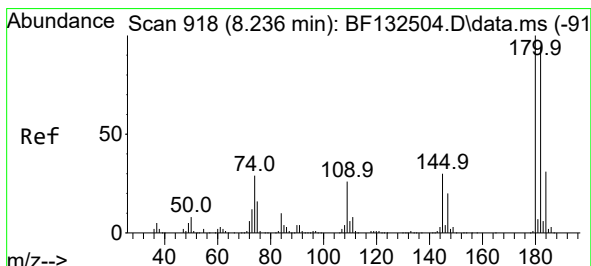
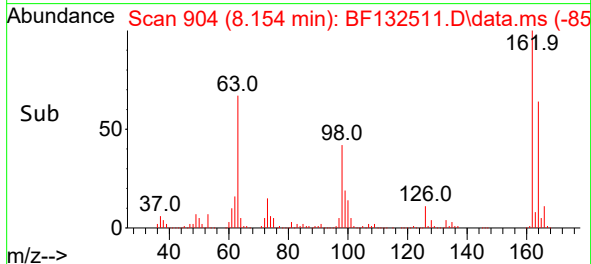
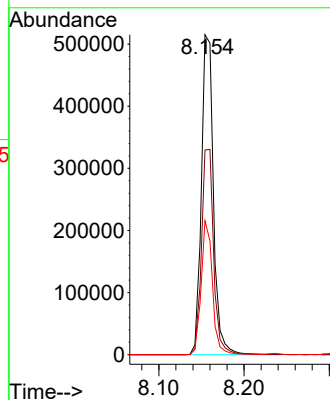
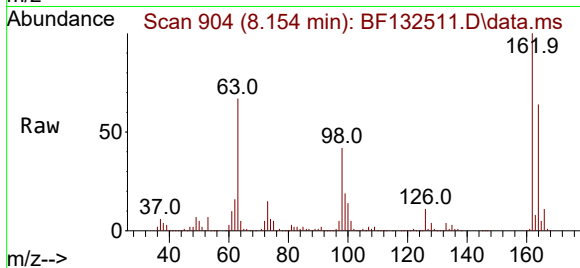
Tgt Ion:162 Resp: 507573

Ion Ratio Lower Upper

162 100

164 64.0 45.3 85.3

98 41.8 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 42.135 ng

RT: 8.236 min Scan# 918

Delta R.T. 0.000 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

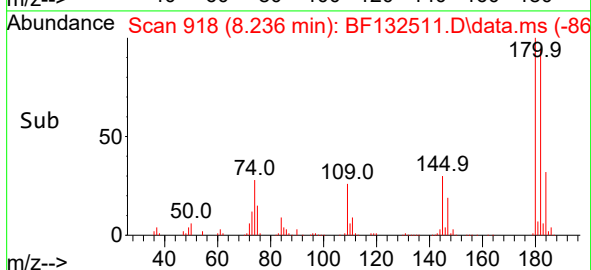
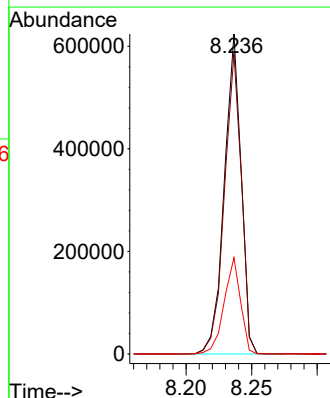
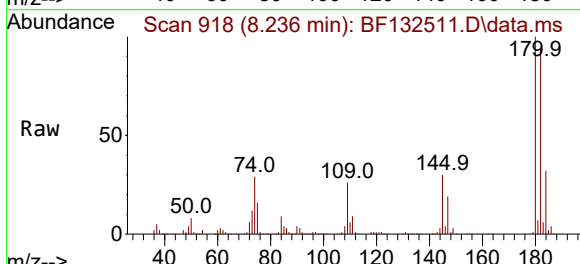
Tgt Ion:180 Resp: 555470

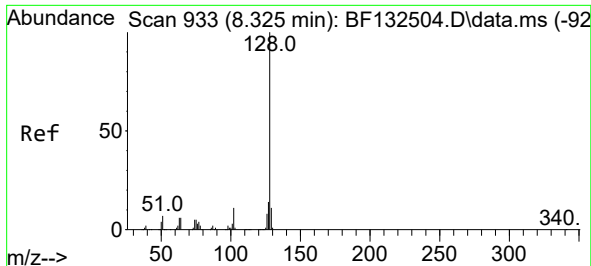
Ion Ratio Lower Upper

180 100

182 94.0 75.1 112.7

145 30.1 23.8 35.6

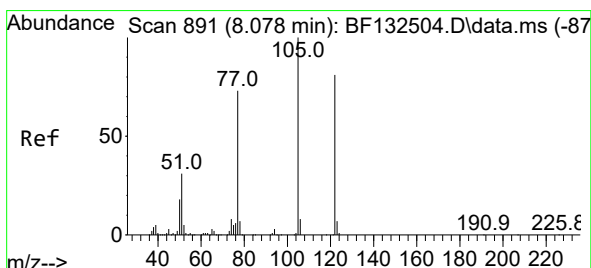
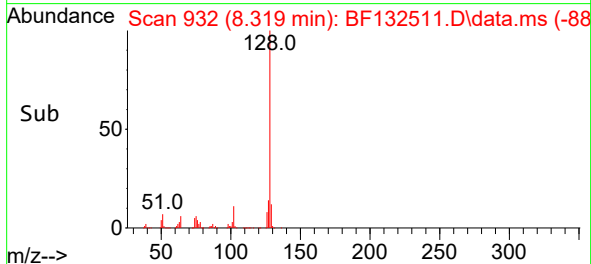
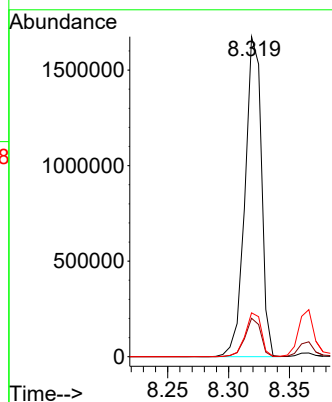
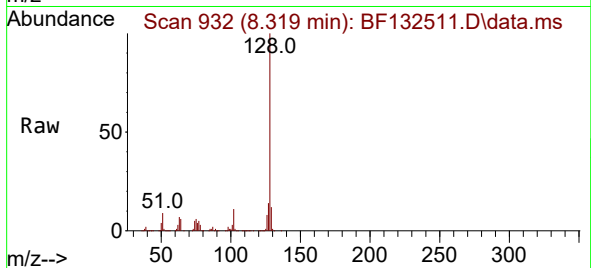




#31
Naphthalene
Concen: 39.646 ng
RT: 8.319 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

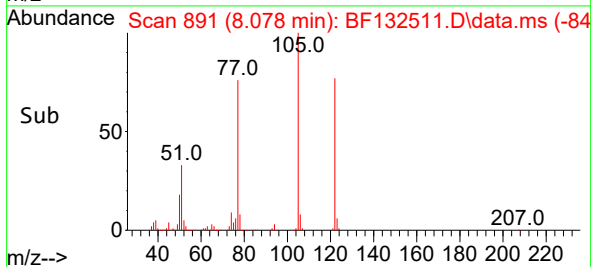
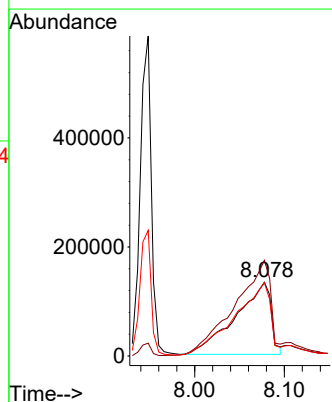
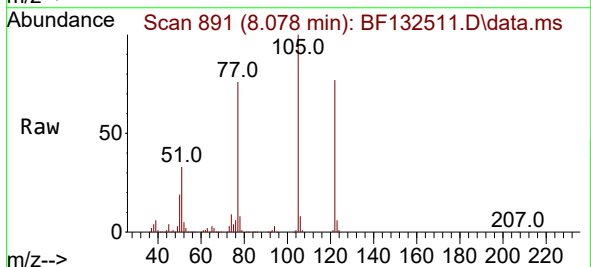
Instrument :
BNA_F
ClientSampleId :
PB150910BS

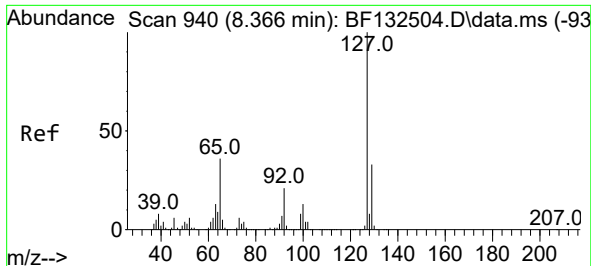
Tgt Ion:128 Resp: 1578053
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 13.7 11.0 16.6



#32
Benzoic acid
Concen: 38.629 ng
RT: 8.078 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion:122 Resp: 363696
Ion Ratio Lower Upper
122 100
105 129.7 102.6 142.6
77 99.2 70.2 110.2

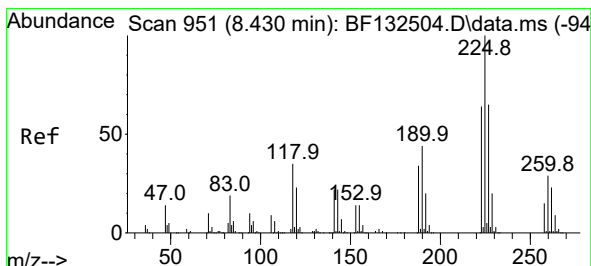
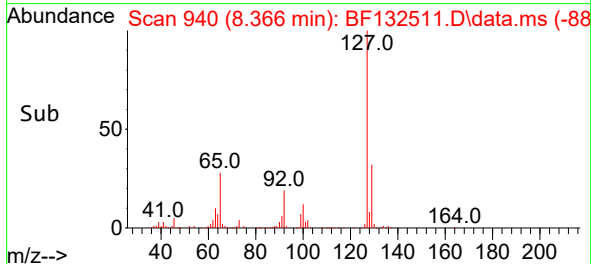
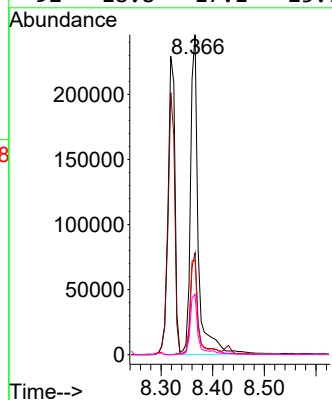
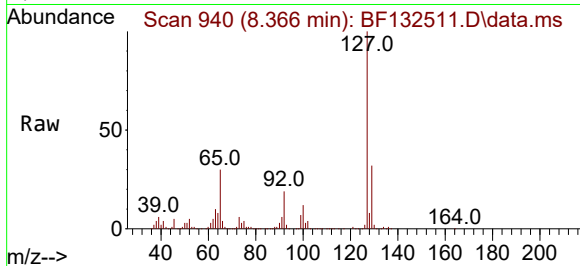




#33
4-Chloroaniline
Concen: 15.088 ng
RT: 8.366 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

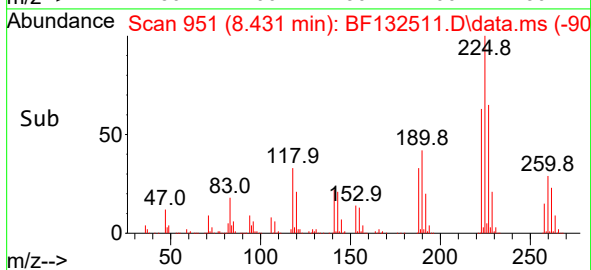
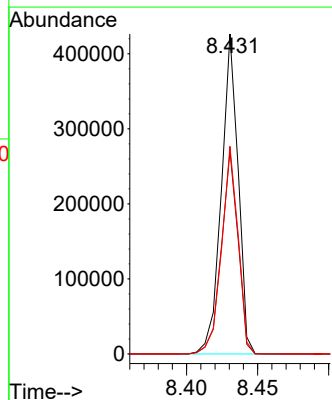
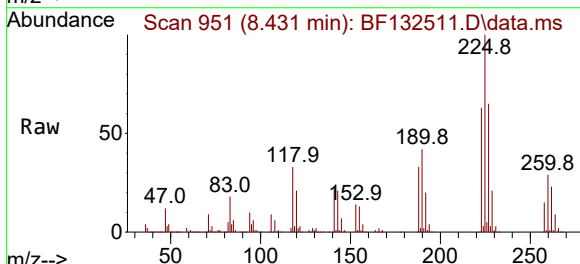
Instrument :
BNA_F
ClientSampleId :
PB150910BS

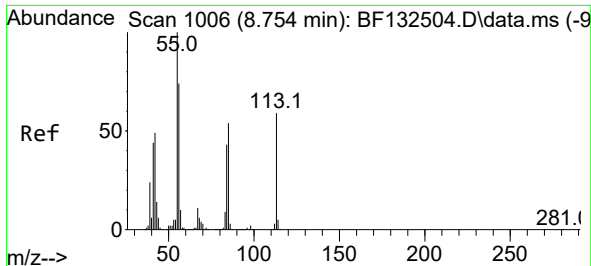
Tgt Ion:	127	Resp:	257346
Ion Ratio	Lower	Upper	
127	100		
129	31.8	26.4	39.6
65	29.7	28.8	43.2
92	18.8	17.1	25.7



#34
Hexachlorobutadiene
Concen: 41.533 ng
RT: 8.431 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion:	225	Resp:	347935
Ion Ratio	Lower	Upper	
225	100		
223	63.4	51.0	76.4
227	64.9	51.7	77.5

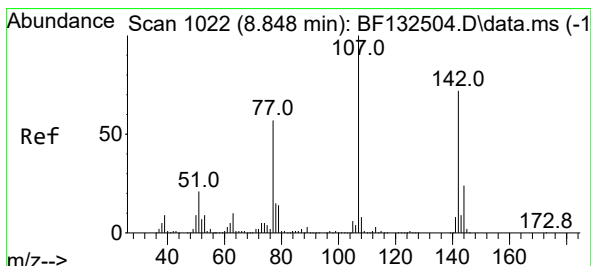
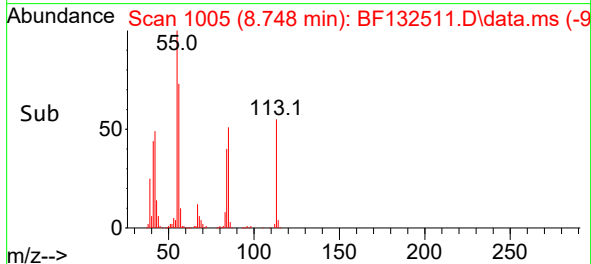
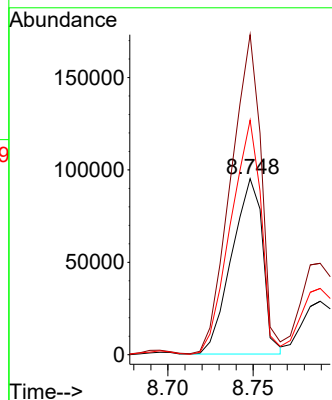
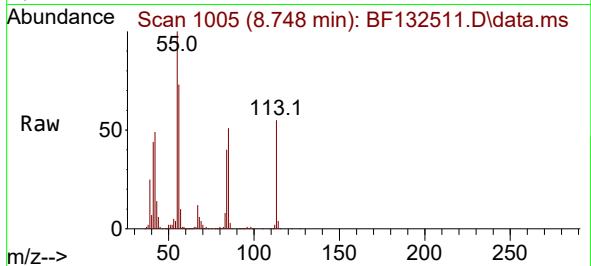




#35
Caprolactam
Concen: 29.957 ng
RT: 8.748 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

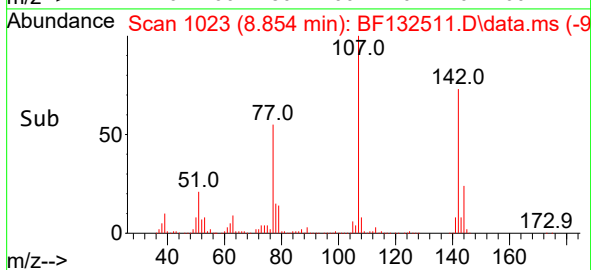
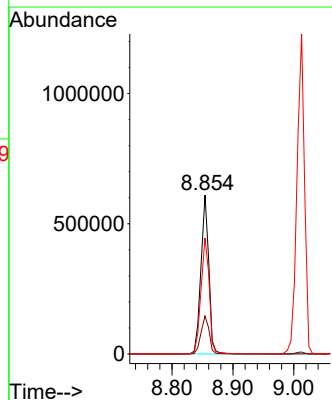
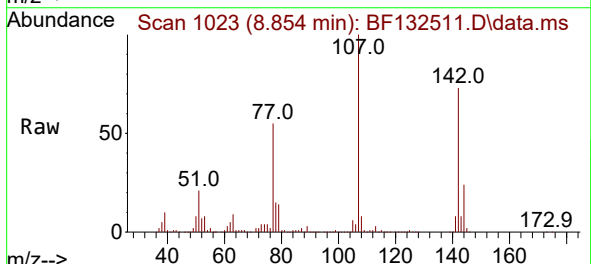
Instrument :
BNA_F
ClientSampleId :
PB150910BS

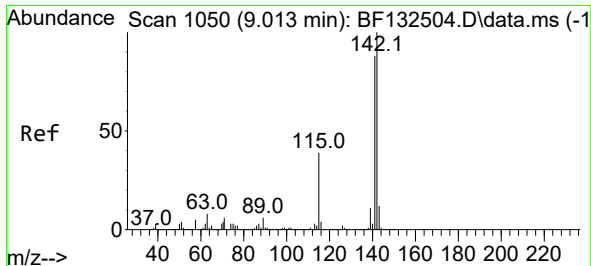
Tgt Ion:113 Resp: 119906
Ion Ratio Lower Upper
113 100
55 181.8 149.4 189.4
56 133.3 105.0 145.0



#36
4-Chloro-3-methylphenol
Concen: 41.329 ng
RT: 8.854 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion:107 Resp: 551046
Ion Ratio Lower Upper
107 100
144 23.9 18.9 28.3
142 73.0 57.9 86.9

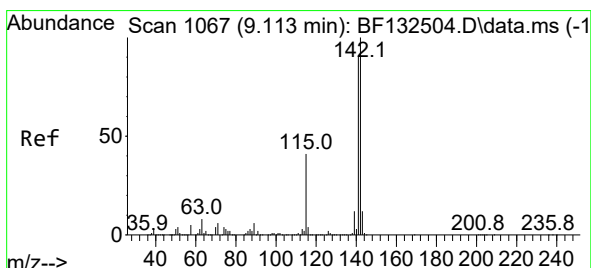
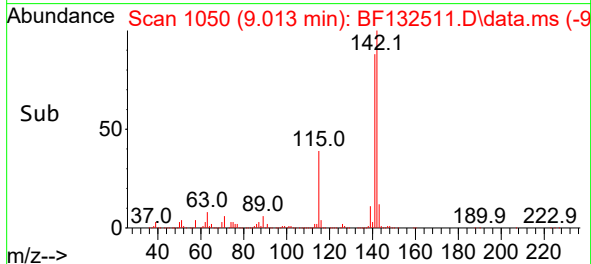
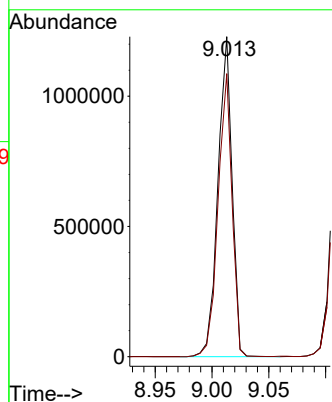
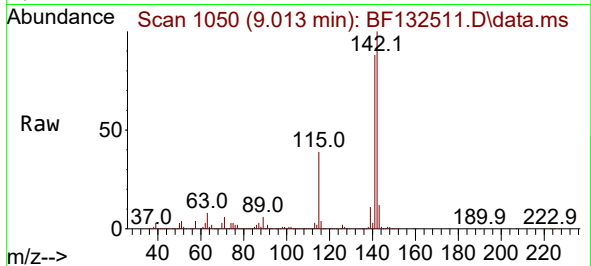




#37
2-Methylnaphthalene
Concen: 39.216 ng
RT: 9.013 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

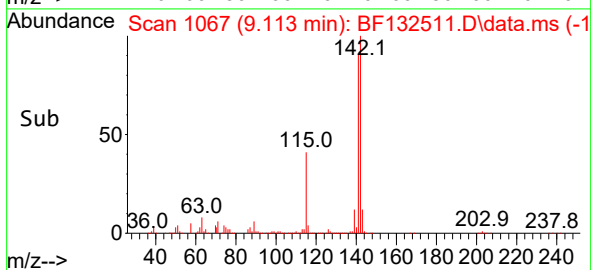
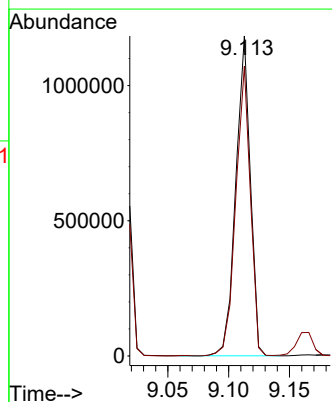
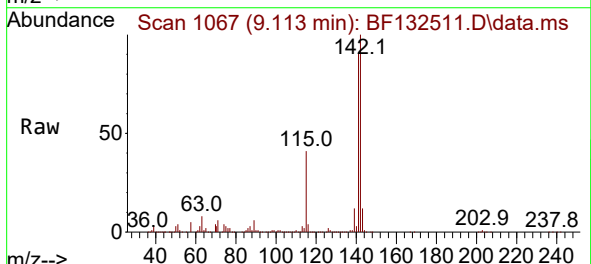
Instrument :
BNA_F
ClientSampleId :
PB150910BS

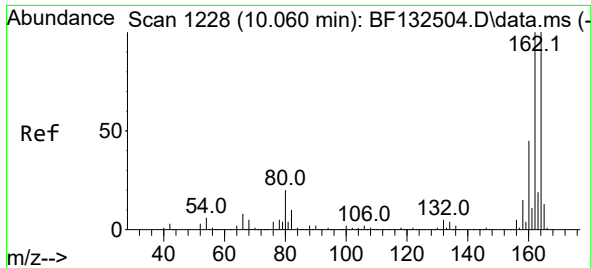
Tgt Ion:142 Resp: 1063765
Ion Ratio Lower Upper
142 100
141 88.5 70.2 105.2



#38
1-Methylnaphthalene
Concen: 38.708 ng
RT: 9.113 min Scan# 1067
Delta R.T. -0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion:142 Resp: 981257
Ion Ratio Lower Upper
142 100
141 90.6 73.0 109.6

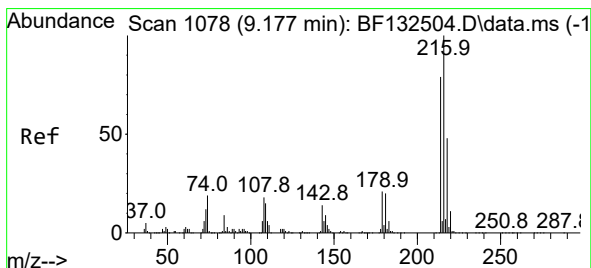
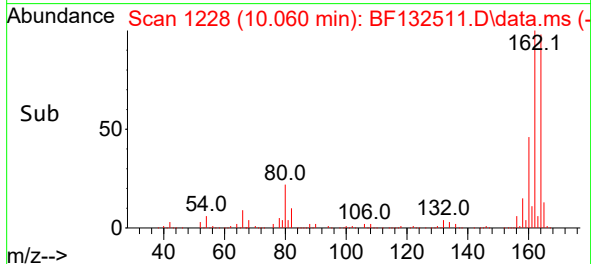
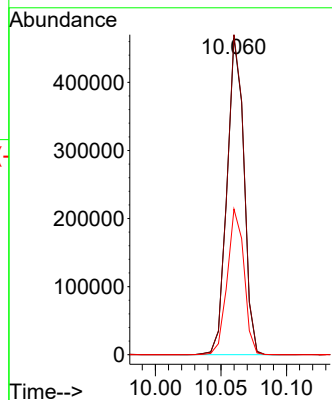
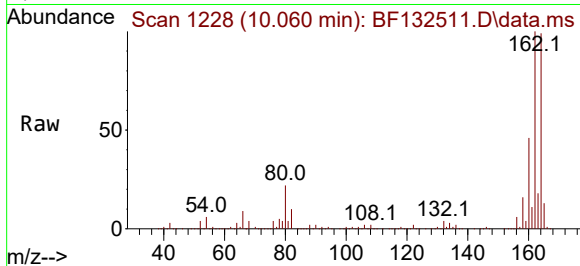




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.060 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

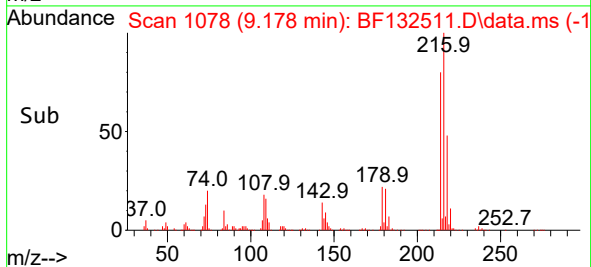
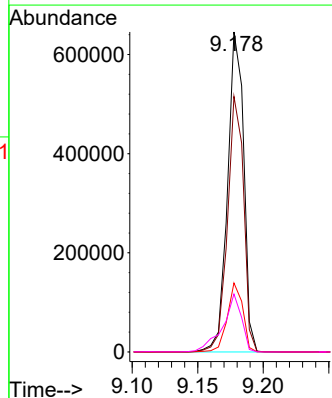
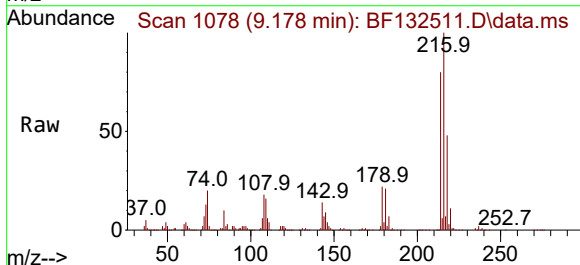
Instrument :
BNA_F
ClientSampleId :
PB150910BS

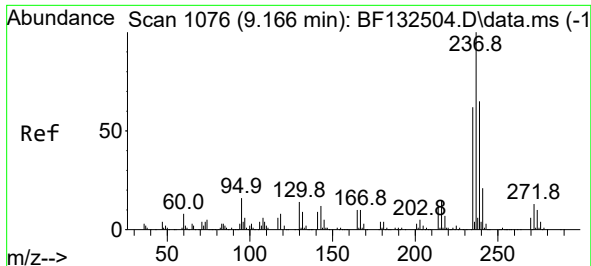
Tgt Ion:164 Resp: 415810
Ion Ratio Lower Upper
164 100
162 101.0 79.8 119.8
160 46.0 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.592 ng
RT: 9.178 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

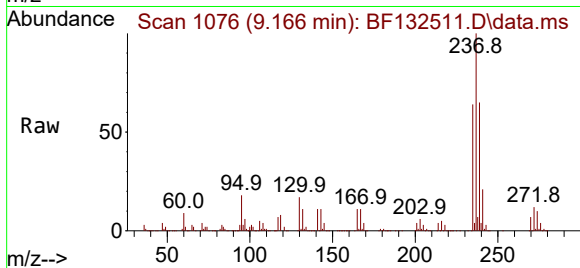
Tgt Ion:216 Resp: 552229
Ion Ratio Lower Upper
216 100
214 79.4 63.0 94.6
179 20.7 16.6 24.8
108 21.1 15.4 23.0



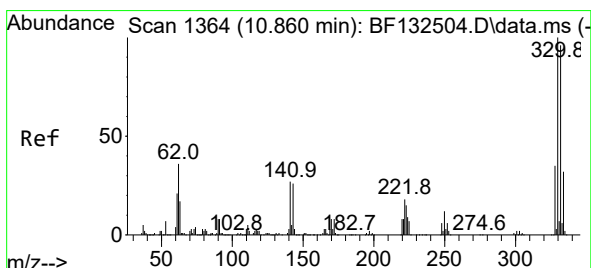
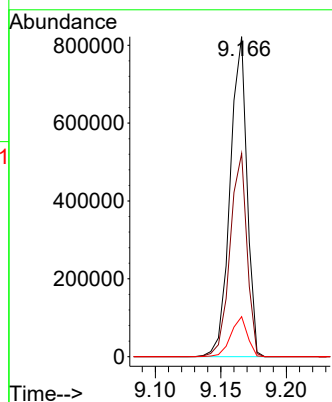
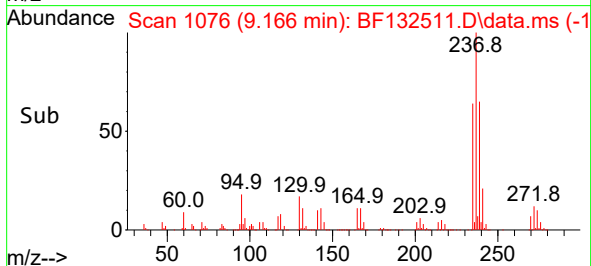


#41
Hexachlorocyclopentadiene
Concen: 99.678 ng
RT: 9.166 min Scan# 1076
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

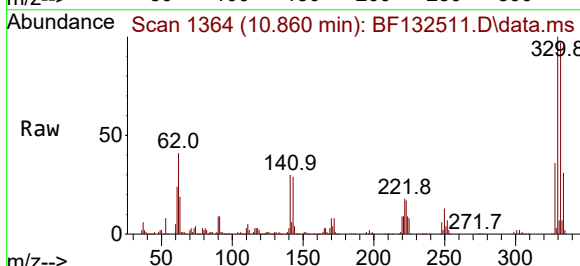
Instrument :
BNA_F
ClientSampleId :
PB150910BS



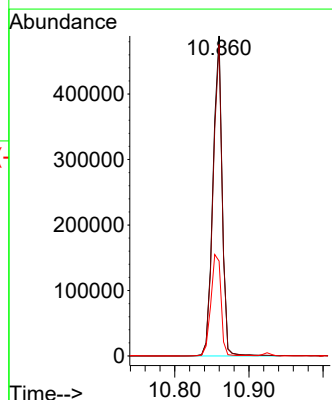
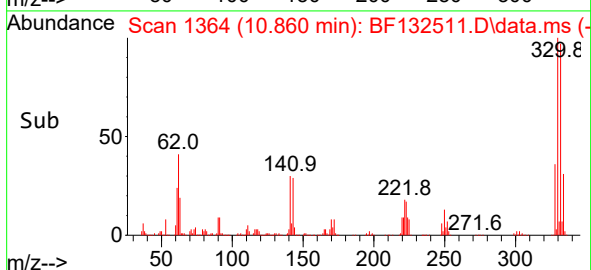
Tgt Ion:237 Resp: 735510
Ion Ratio Lower Upper
237 100
235 63.5 42.4 82.4
272 12.5 0.0 32.7

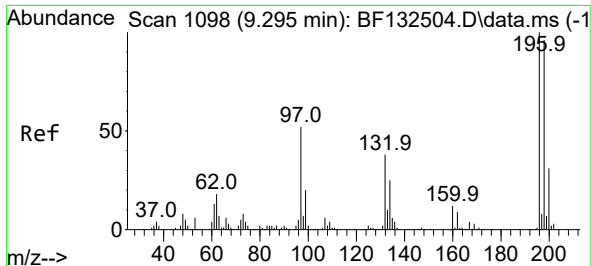


#42
2,4,6-Tribromophenol
Concen: 93.320 ng
RT: 10.860 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07



Tgt Ion:330 Resp: 419059
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 35.2 28.4 42.6





#43

2,4,6-Trichlorophenol

Concen: 42.010 ng

RT: 9.295 min Scan# 1105

Delta R.T. 0.000 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

Instrument :

BNA_F

ClientSampleId :

PB150910BS

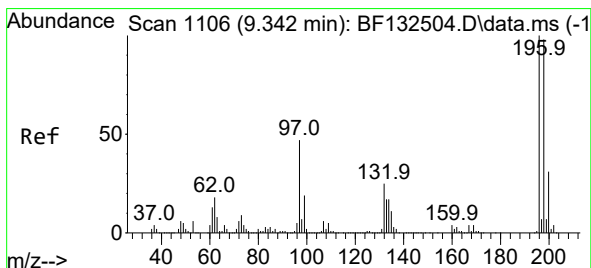
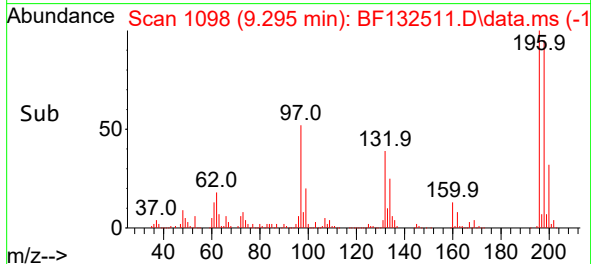
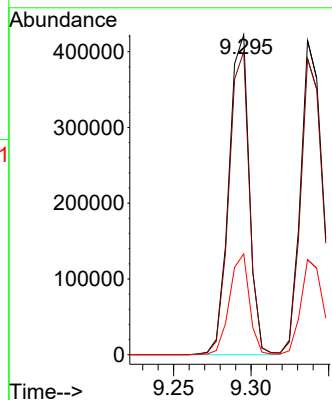
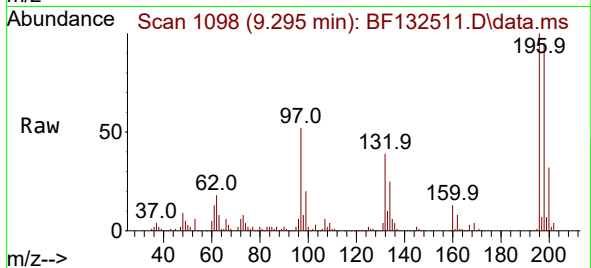
Tgt Ion:196 Resp: 387311

Ion Ratio Lower Upper

196 100

198 94.8 77.1 115.7

200 31.5 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 39.519 ng

RT: 9.336 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

Tgt Ion:196 Resp: 425249

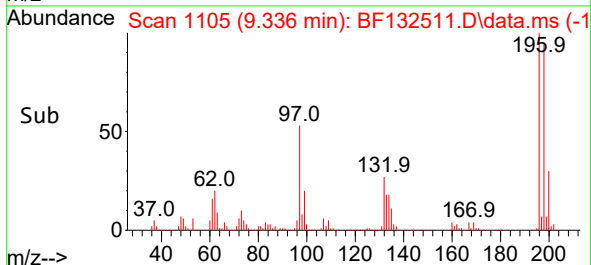
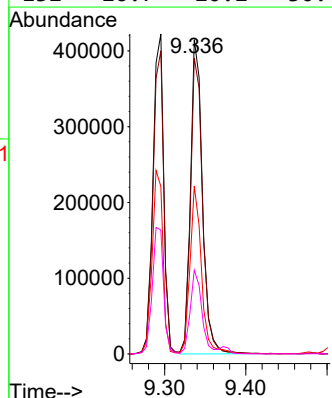
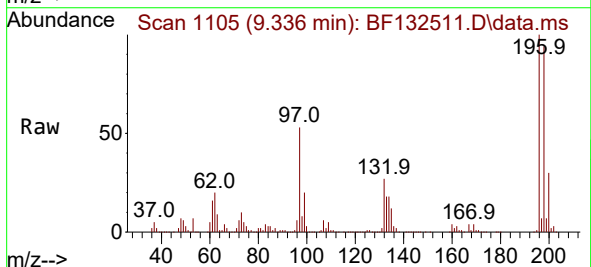
Ion Ratio Lower Upper

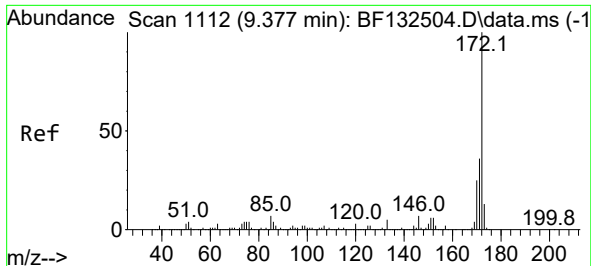
196 100

198 94.2 78.3 117.5

97 53.5 38.1 57.1

132 26.7 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 61.253 ng

RT: 9.372 min Scan# 1112

Delta R.T. -0.005 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

Instrument :

BNA_F

ClientSampleId :

PB150910BS

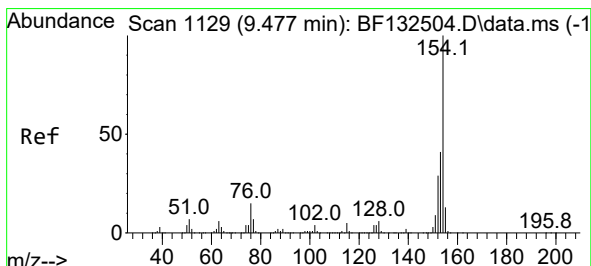
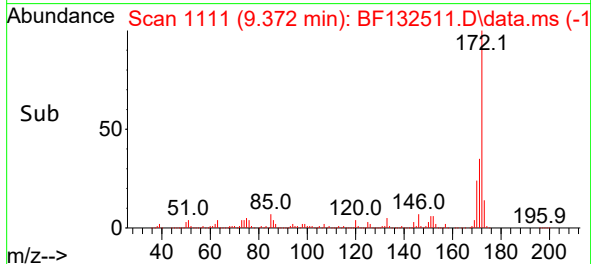
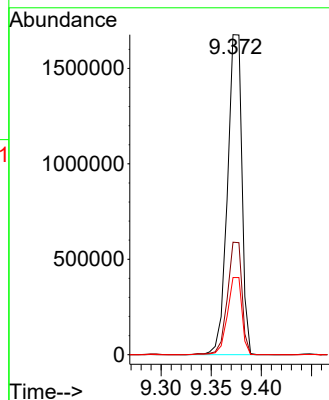
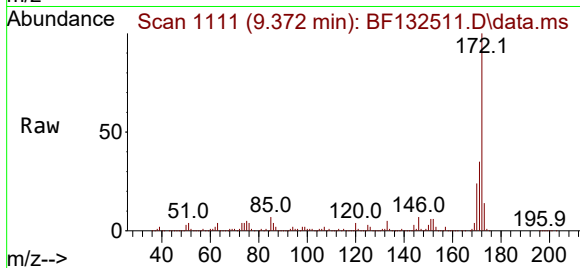
Tgt Ion:172 Resp: 1672711

Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 24.1 19.7 29.5



#46

1,1'-Biphenyl

Concen: 40.979 ng

RT: 9.478 min Scan# 1129

Delta R.T. 0.000 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

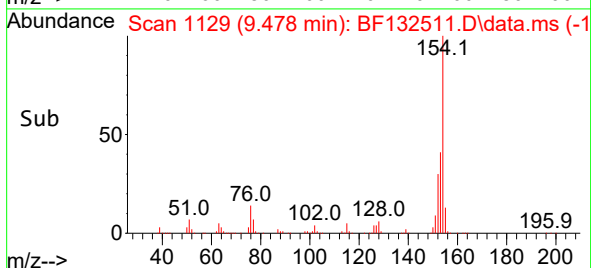
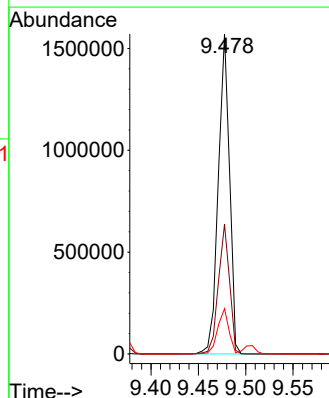
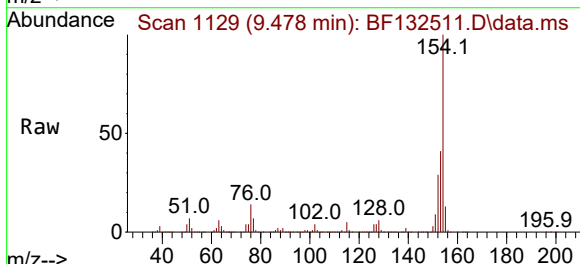
Tgt Ion:154 Resp: 1289691

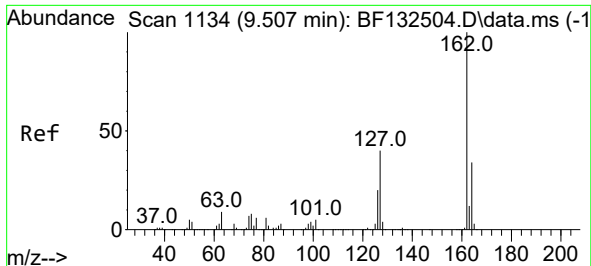
Ion Ratio Lower Upper

154 100

153 40.6 20.9 60.9

76 14.1 0.0 34.7

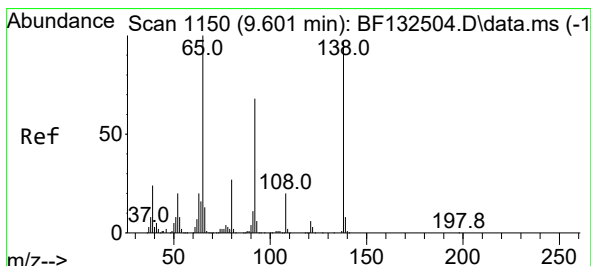
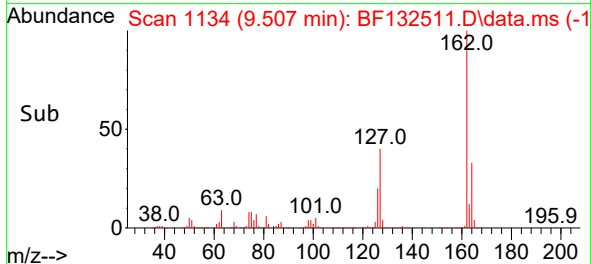
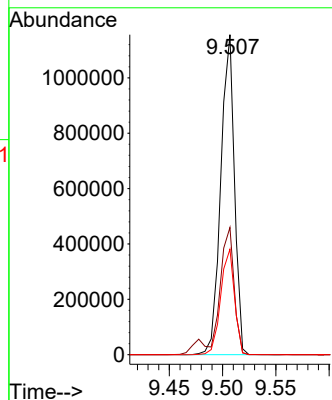
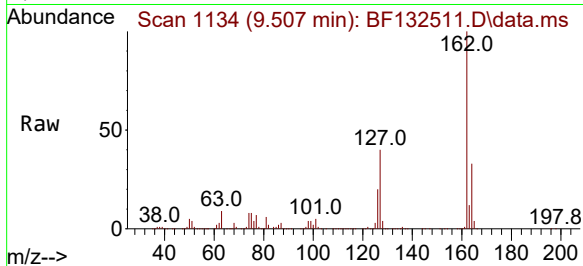




#47
2-Chloronaphthalene
Concen: 41.261 ng
RT: 9.507 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

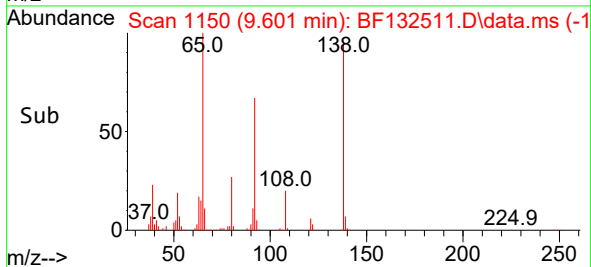
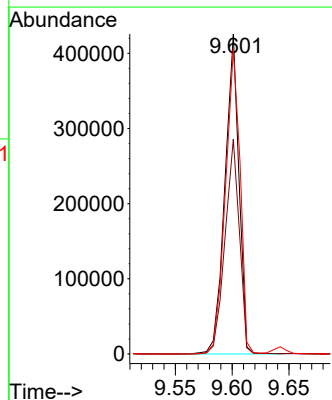
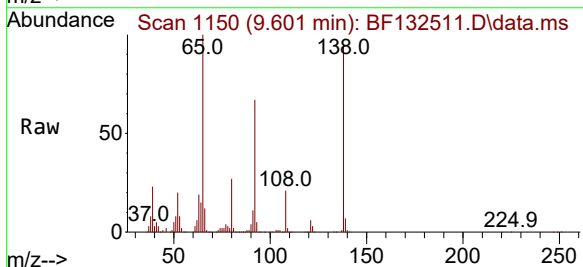
Instrument :
BNA_F
ClientSampleId :
PB150910BS

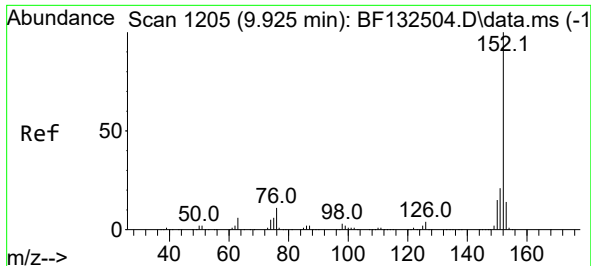
Tgt Ion:162 Resp: 1029551
Ion Ratio Lower Upper
162 100
127 39.8 32.3 48.5
164 32.9 26.9 40.3



#48
2-Nitroaniline
Concen: 39.886 ng
RT: 9.601 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion: 65 Resp: 366555
Ion Ratio Lower Upper
65 100
92 67.1 54.5 81.7
138 95.2 77.2 115.8

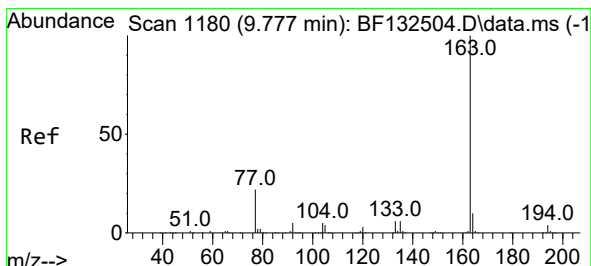
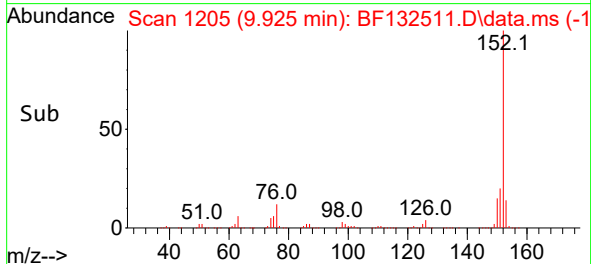
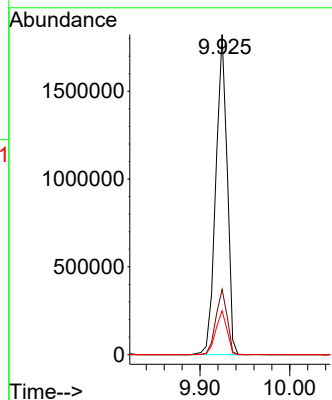
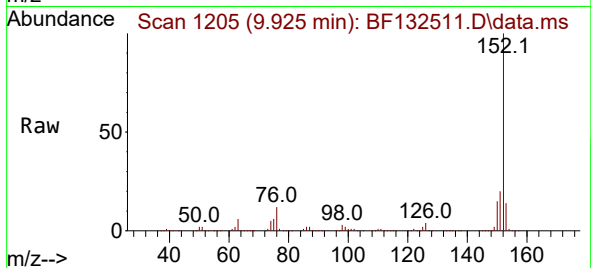




#49
Acenaphthylene
Concen: 40.218 ng
RT: 9.925 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

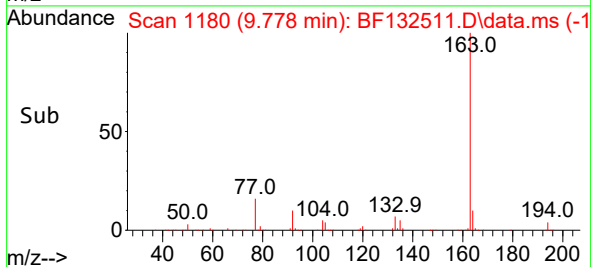
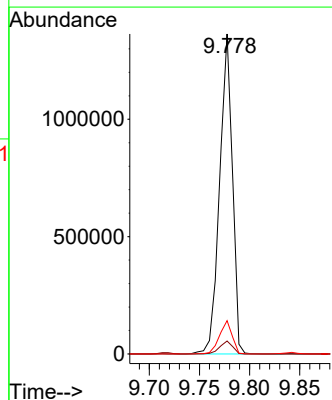
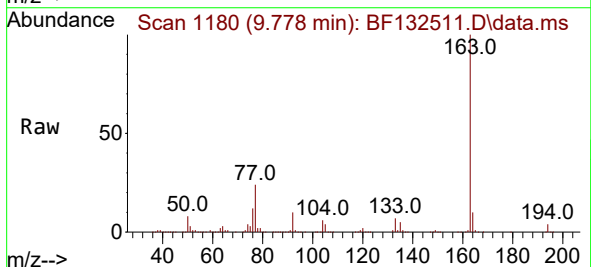
Instrument :
BNA_F
ClientSampleId :
PB150910BS

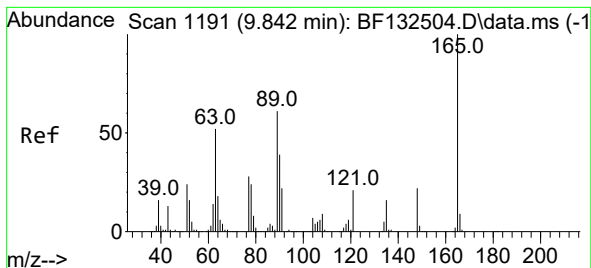
Tgt Ion:152 Resp: 1597155
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.7 11.0 16.6



#50
Dimethylphthalate
Concen: 39.822 ng
RT: 9.778 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion:163 Resp: 1205662
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 40.962 ng

RT: 9.842 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

Instrument :

BNA_F

ClientSampleId :

PB150910BS

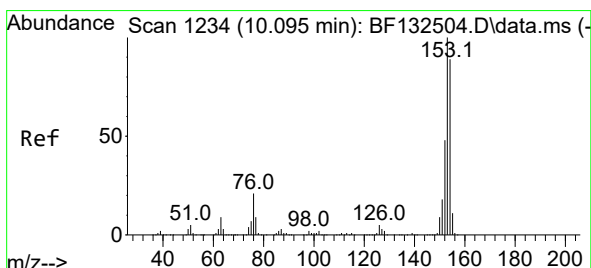
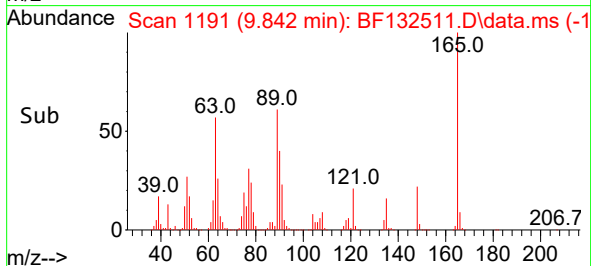
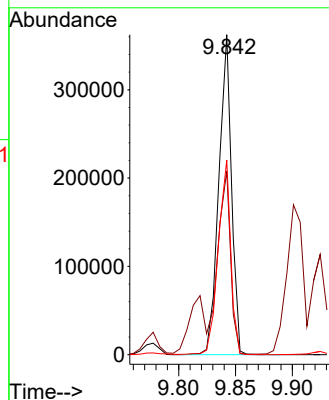
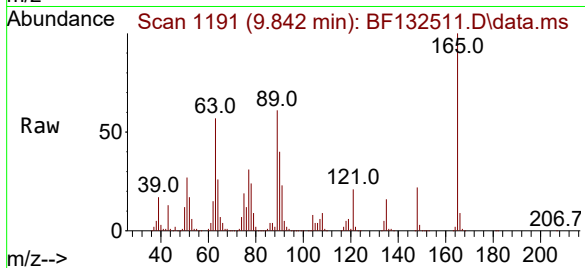
Tgt Ion:165 Resp: 282437

Ion Ratio Lower Upper

165 100

63 57.4 47.3 70.9

89 60.9 48.9 73.3



#52

Acenaphthene

Concen: 37.788 ng

RT: 10.095 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

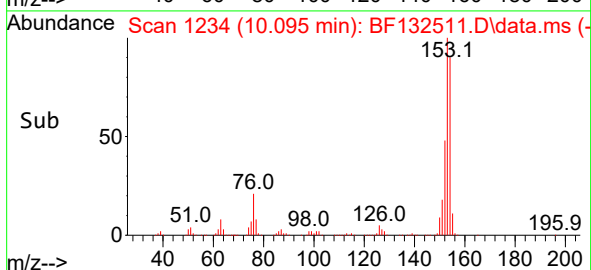
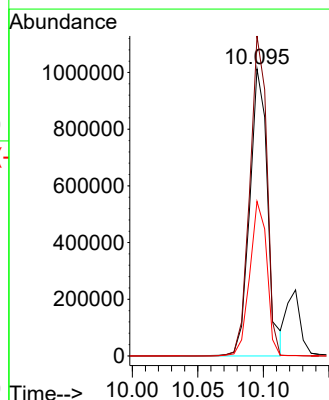
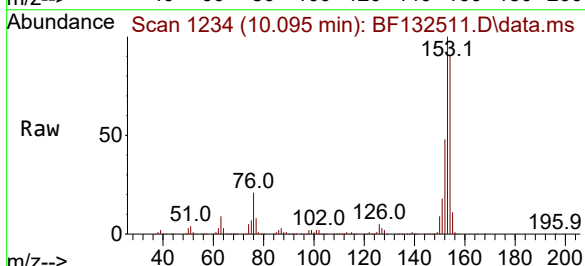
Tgt Ion:154 Resp: 952903

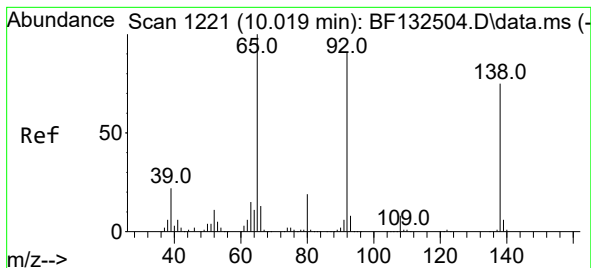
Ion Ratio Lower Upper

154 100

153 111.4 89.8 134.8

152 53.8 43.3 64.9

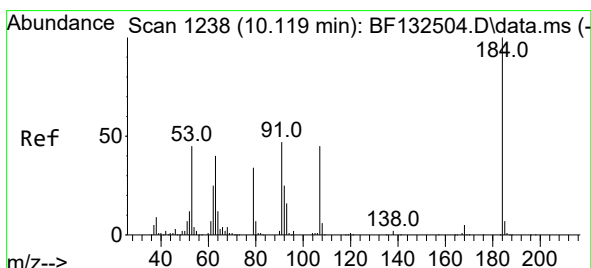
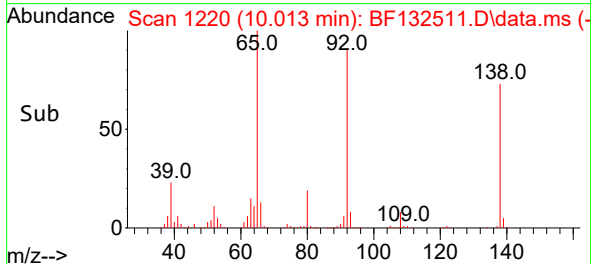
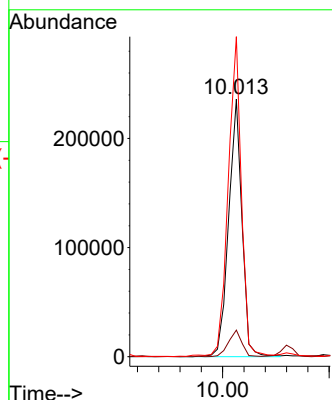
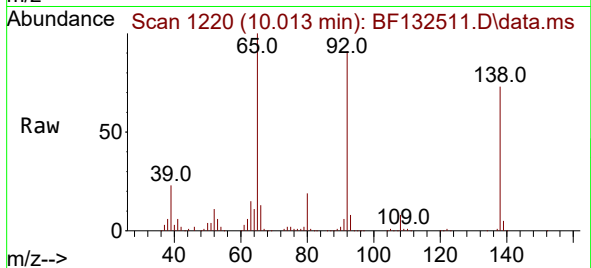




#53
3-Nitroaniline
Concen: 26.525 ng
RT: 10.013 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

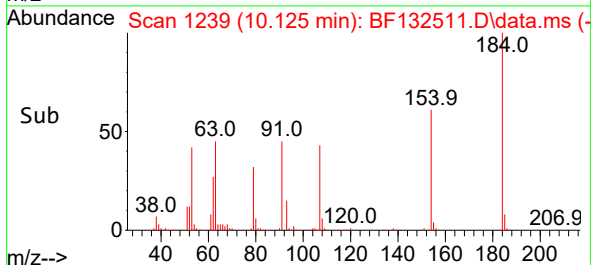
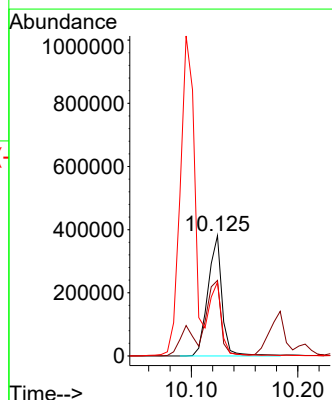
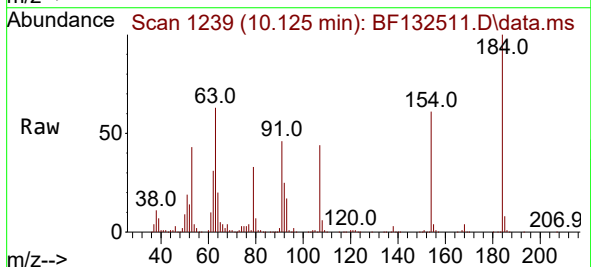
Instrument :
BNA_F
ClientSampleId :
PB150910BS

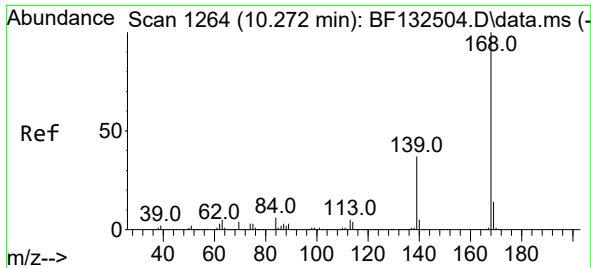
Tgt Ion:138 Resp: 204586
Ion Ratio Lower Upper
138 100
108 10.3 8.1 12.1
92 124.2 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 80.920 ng
RT: 10.125 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion:184 Resp: 351694
Ion Ratio Lower Upper
184 100
63 62.8 51.4 77.2
154 61.3 48.3 72.5

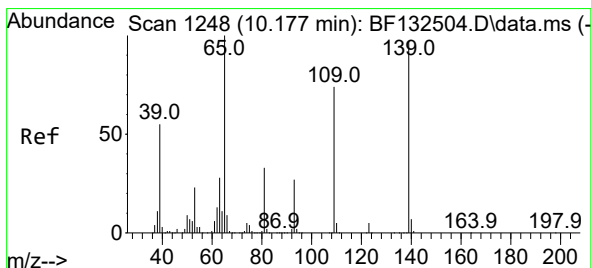
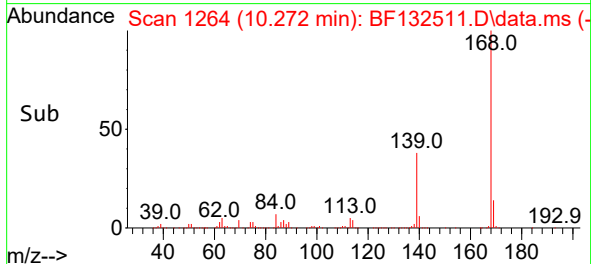
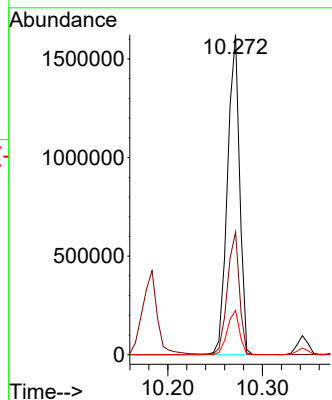
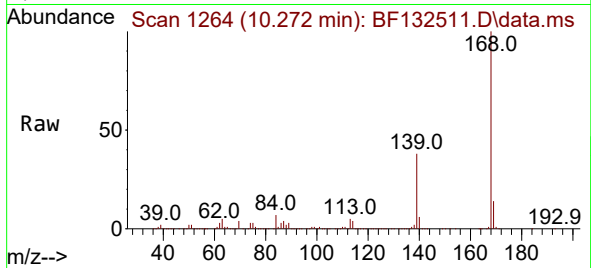




#55
Dibenzenofuran
Concen: 39.520 ng
RT: 10.272 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

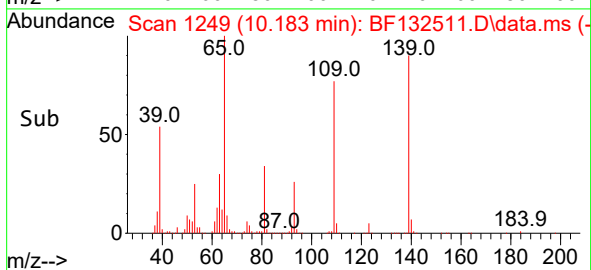
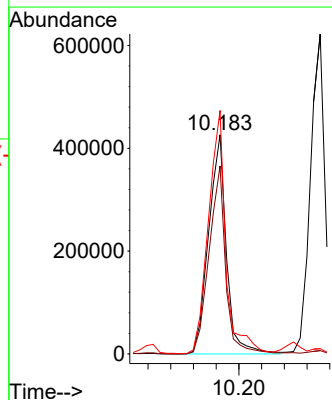
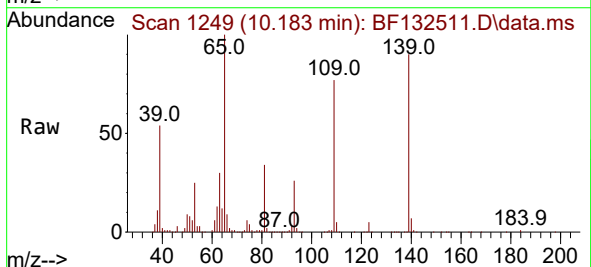
Instrument :
BNA_F
ClientSampleId :
PB150910BS

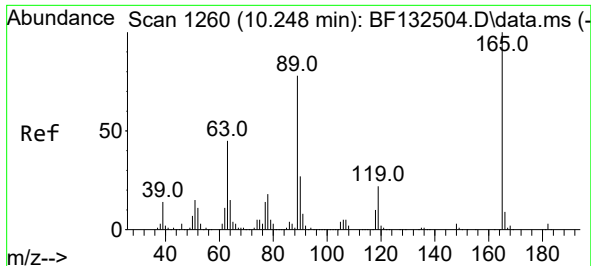
Tgt Ion:168 Resp: 1452857
Ion Ratio Lower Upper
168 100
139 38.3 29.8 44.6
169 13.9 10.9 16.3



#56
4-Nitrophenol
Concen: 80.363 ng
RT: 10.183 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

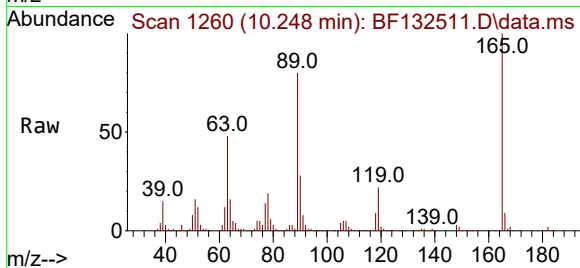
Tgt Ion:139 Resp: 462256
Ion Ratio Lower Upper
139 100
109 85.7 56.7 96.7
65 111.0 83.5 123.5



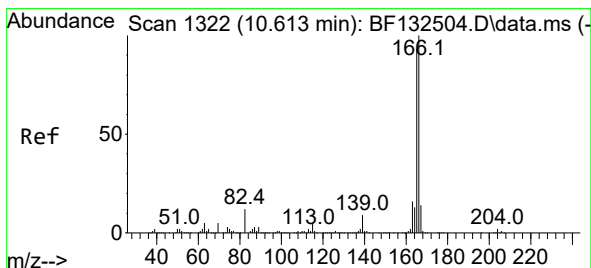
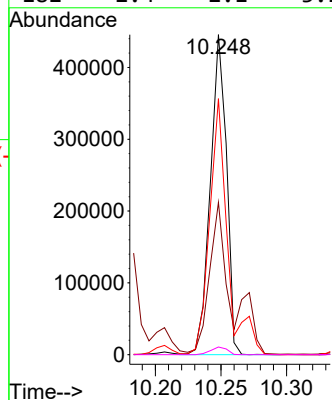
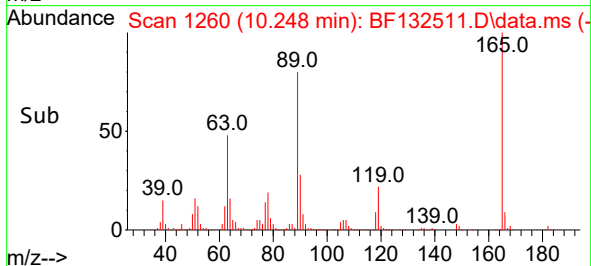


#57
2,4-Dinitrotoluene
Concen: 41.653 ng
RT: 10.248 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Instrument :
BNA_F
ClientSampleId :
PB150910BS

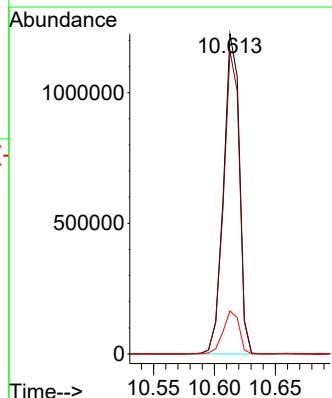
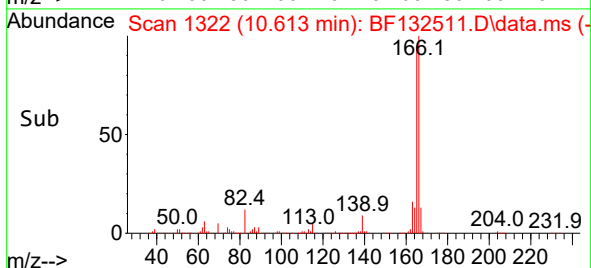
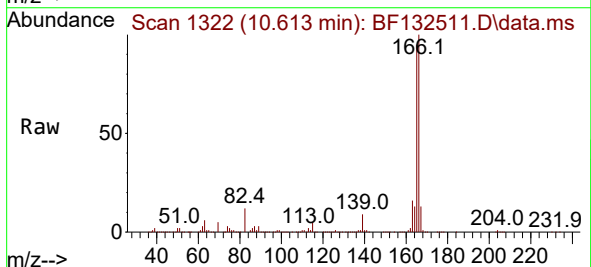


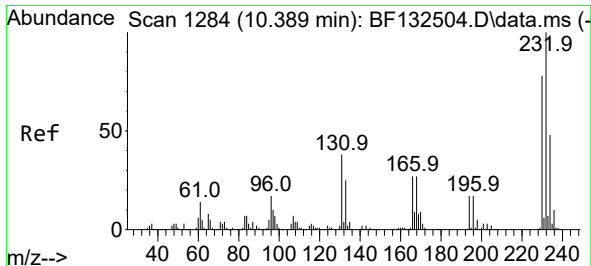
Tgt Ion:165 Resp: 382084
Ion Ratio Lower Upper
165 100
63 47.6 36.5 54.7
89 80.0 62.4 93.6
182 2.4 2.1 3.1



#58
Fluorene
Concen: 39.511 ng
RT: 10.613 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion:166 Resp: 1111035
Ion Ratio Lower Upper
166 100
165 94.7 74.2 111.4
167 13.4 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.759 ng

RT: 10.389 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

Instrument :

BNA_F

ClientSampleId :

PB150910BS

Tgt Ion:232 Resp: 341785

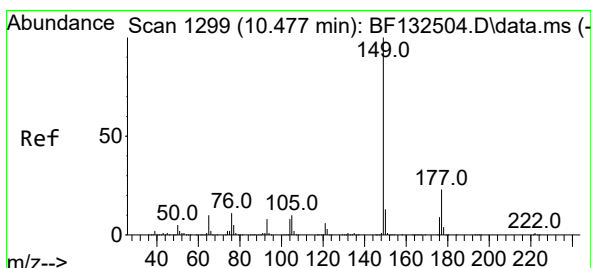
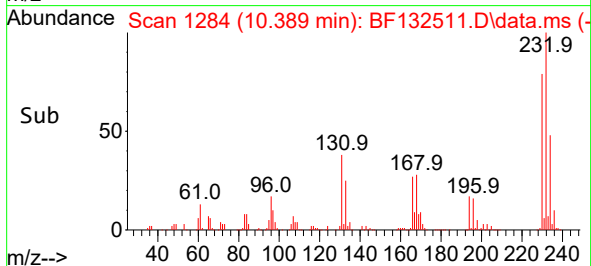
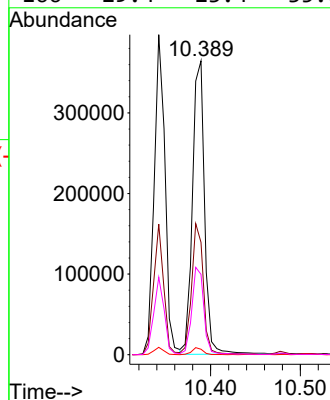
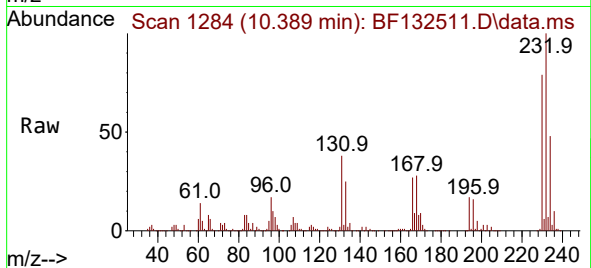
Ion Ratio Lower Upper

232 100

131 42.9 33.8 50.8

130 2.2 1.7 2.5

166 29.4 23.4 35.0



#60

Diethylphthalate

Concen: 40.075 ng

RT: 10.477 min Scan# 1299

Delta R.T. 0.000 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

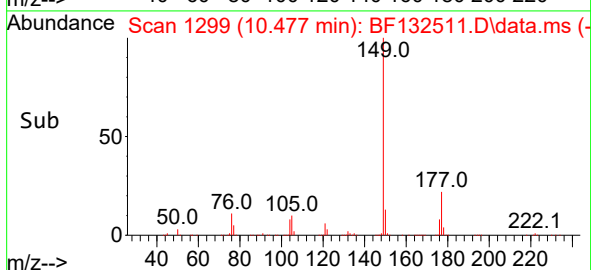
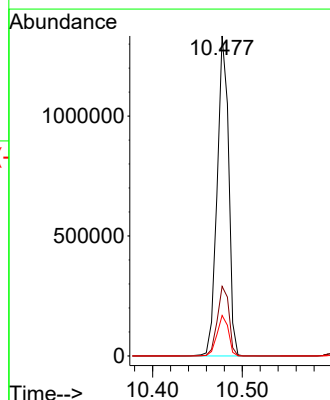
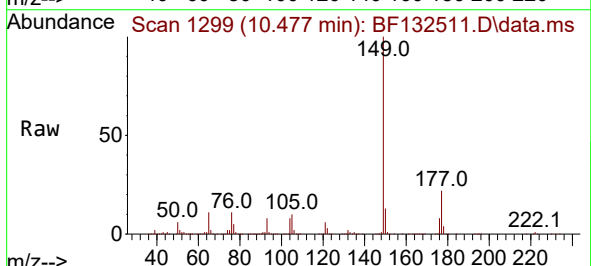
Tgt Ion:149 Resp: 1184976

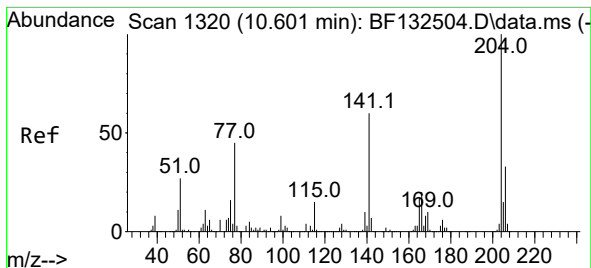
Ion Ratio Lower Upper

149 100

177 21.7 18.1 27.1

150 12.6 10.2 15.2

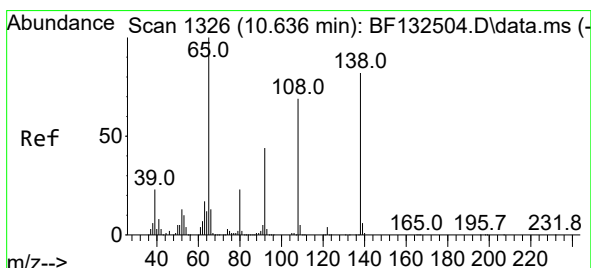
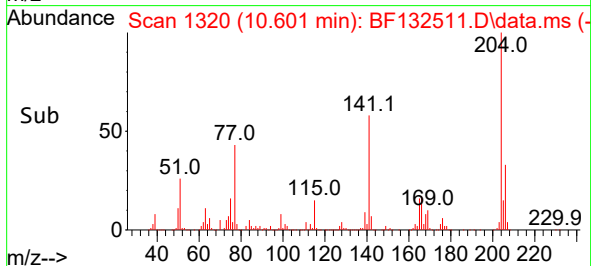
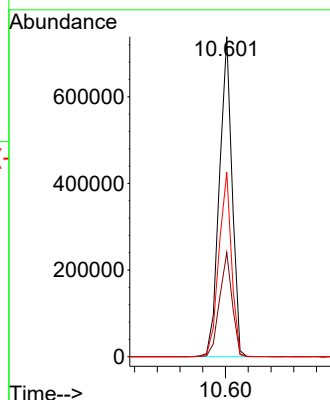
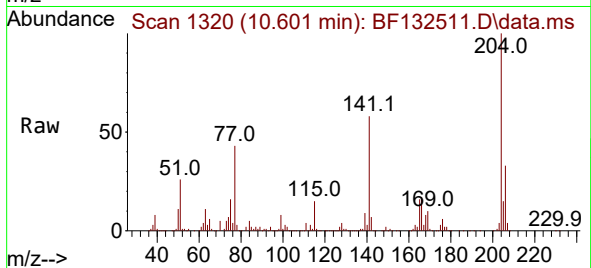




#61
4-Chlorophenyl-phenylether
Concen: 39.275 ng
RT: 10.601 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

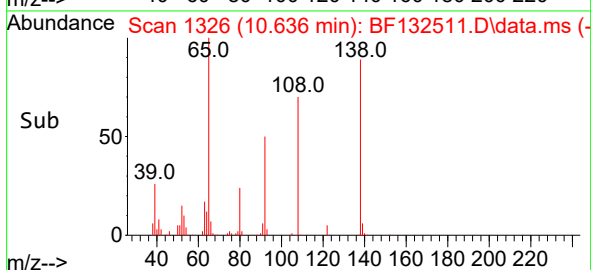
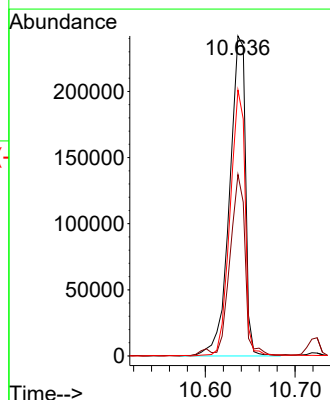
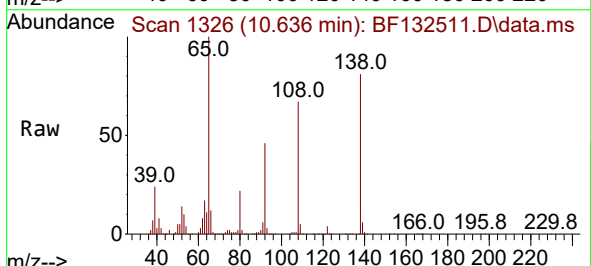
Instrument :
BNA_F
ClientSampleId :
PB150910BS

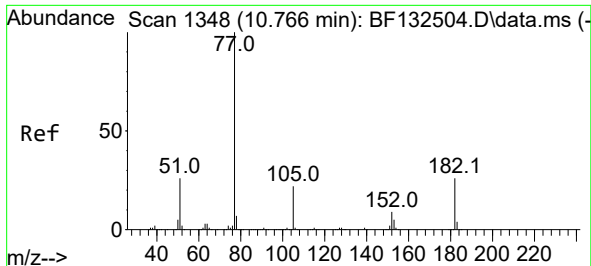
Tgt Ion:204 Resp: 572926
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 57.6 47.8 71.8



#62
4-Nitroaniline
Concen: 39.505 ng
RT: 10.636 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion:138 Resp: 299097
Ion Ratio Lower Upper
138 100
92 56.7 33.8 73.8
108 83.1 63.7 103.7

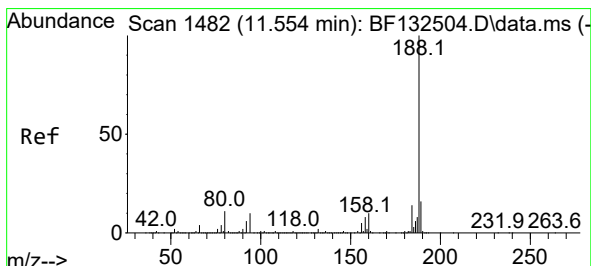
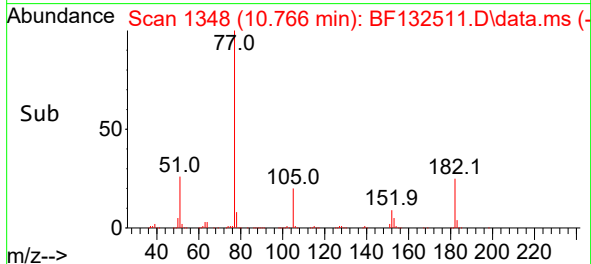
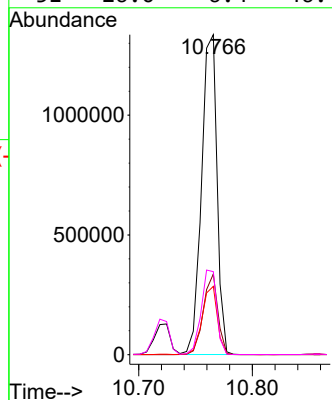
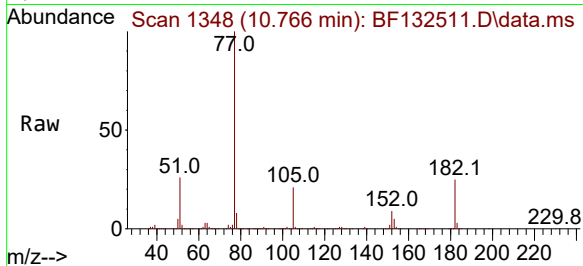




#63
Azobenzene
Concen: 40.414 ng
RT: 10.766 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

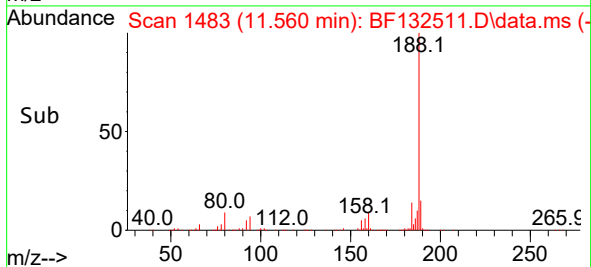
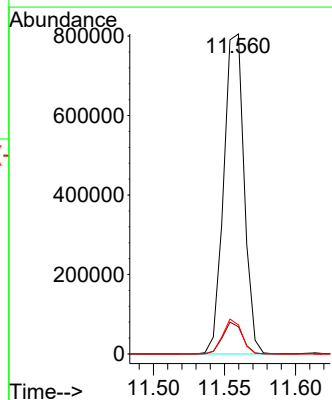
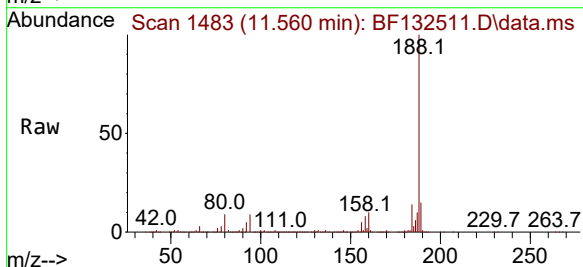
Instrument :
BNA_F
ClientSampleId :
PB150910BS

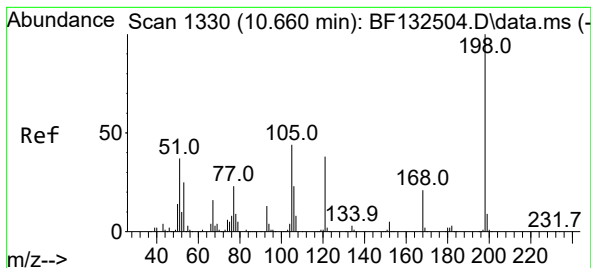
Tgt Ion: 77 Resp: 1265580
Ion Ratio Lower Upper
77 100
182 25.2 5.5 45.5
105 21.4 1.8 41.8
51 26.0 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.560 min Scan# 1483
Delta R.T. 0.006 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion: 188 Resp: 804345
Ion Ratio Lower Upper
188 100
94 8.5 8.3 12.5
80 9.1 8.7 13.1

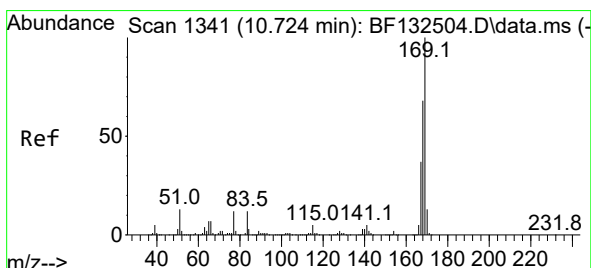
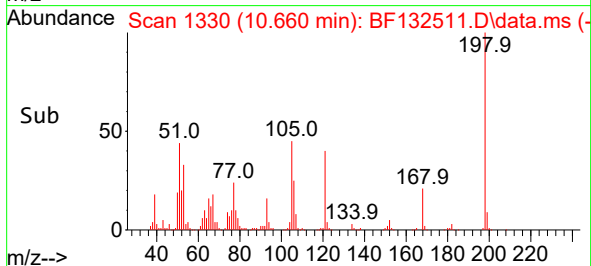
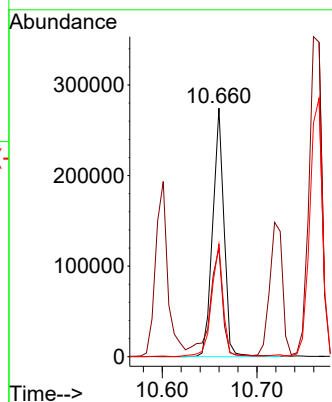
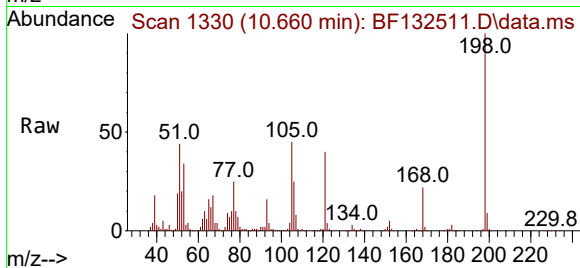




#65
4,6-Dinitro-2-methylphenol
Concen: 41.853 ng
RT: 10.660 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

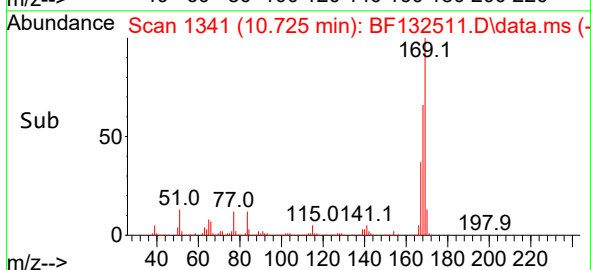
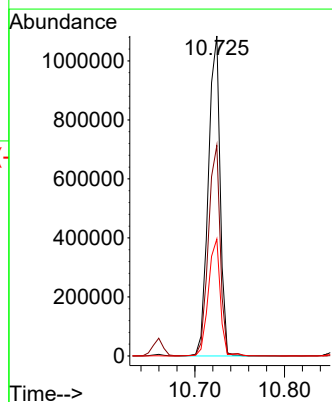
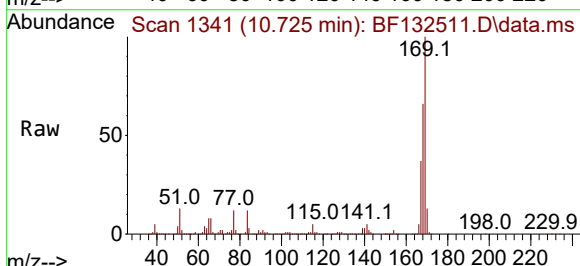
Instrument :
BNA_F
ClientSampleId :
PB150910BS

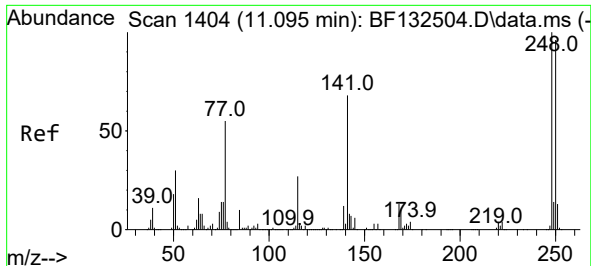
Tgt Ion:198 Resp: 227893
Ion Ratio Lower Upper
198 100
51 43.7 20.6 60.6
105 45.3 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 39.414 ng
RT: 10.725 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion:169 Resp: 988344
Ion Ratio Lower Upper
169 100
168 65.8 54.2 81.4
167 36.5 29.6 44.4

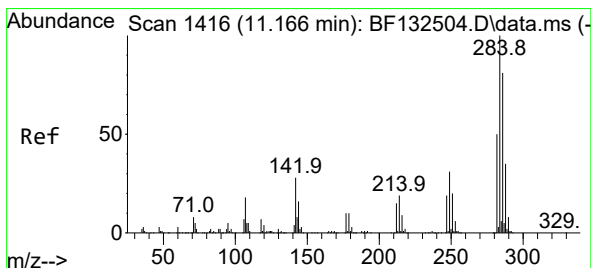
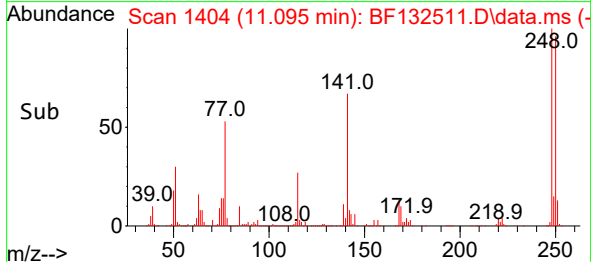
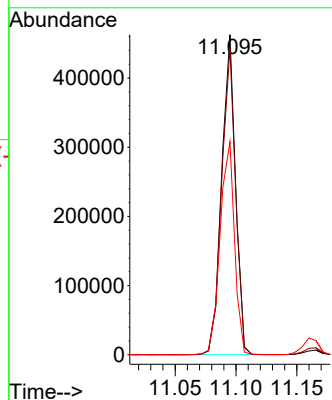
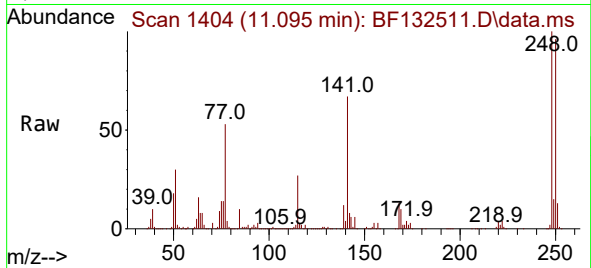




#67
4-Bromophenyl-phenylether
Concen: 40.495 ng
RT: 11.095 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

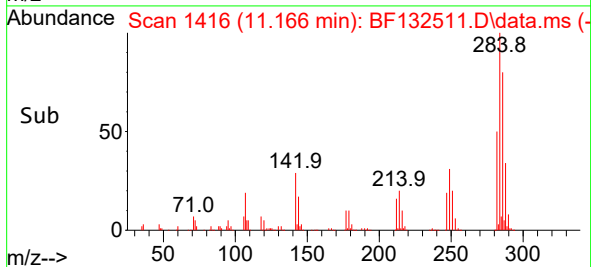
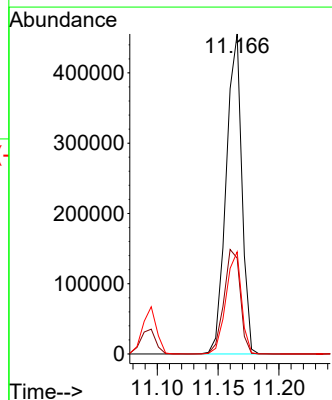
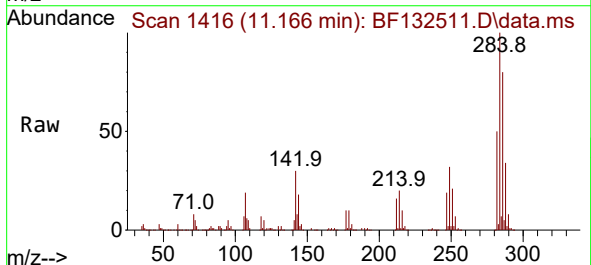
Instrument :
BNA_F
ClientSampleId :
PB150910BS

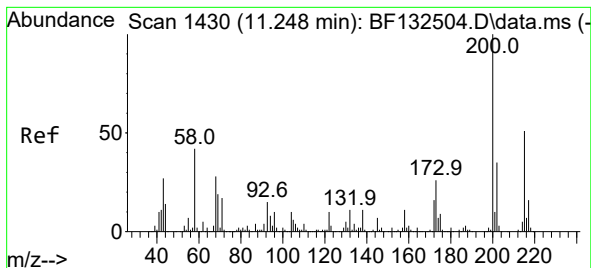
Tgt Ion:248 Resp: 368437
Ion Ratio Lower Upper
248 100
250 95.9 77.0 115.4
141 66.6 54.2 81.2



#68
Hexachlorobenzene
Concen: 42.648 ng
RT: 11.166 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion:284 Resp: 408299
Ion Ratio Lower Upper
284 100
142 30.0 22.2 33.4
249 31.9 24.9 37.3





#69

Atrazine

Concen: 43.361 ng

RT: 11.248 min Scan# 1430

Delta R.T. 0.000 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

Instrument :

BNA_F

ClientSampleId :

PB150910BS

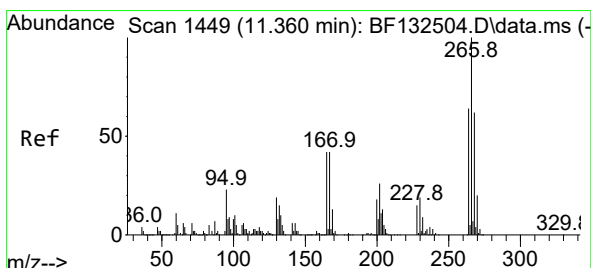
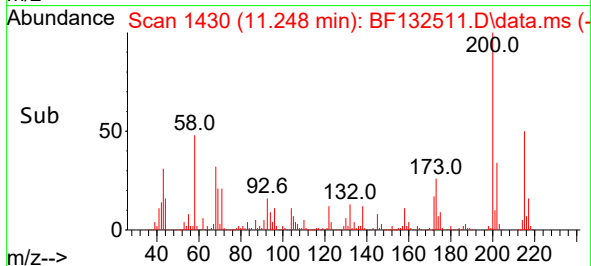
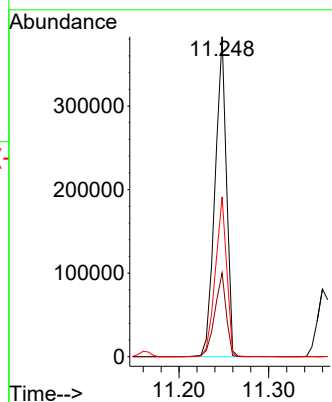
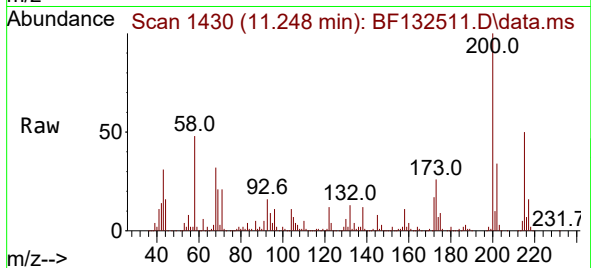
Tgt Ion:200 Resp: 339448

Ion Ratio Lower Upper

200 100

173 26.2 6.4 46.4

215 50.0 31.0 71.0



#70

Pentachlorophenol

Concen: 76.304 ng

RT: 11.360 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

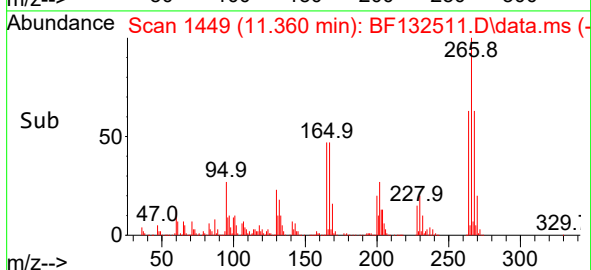
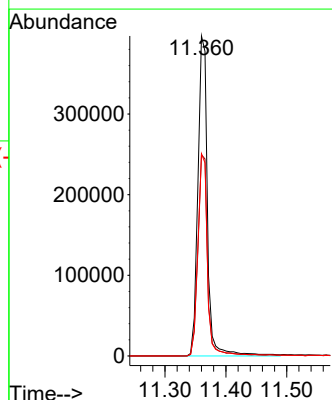
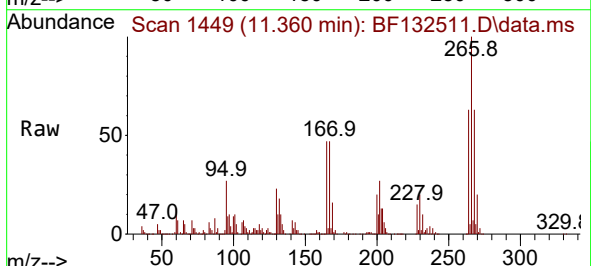
Tgt Ion:266 Resp: 434623

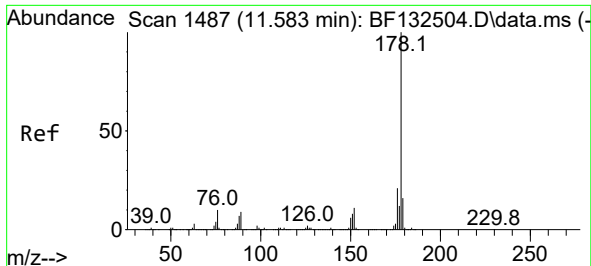
Ion Ratio Lower Upper

266 100

268 62.9 49.8 74.6

264 63.2 50.9 76.3

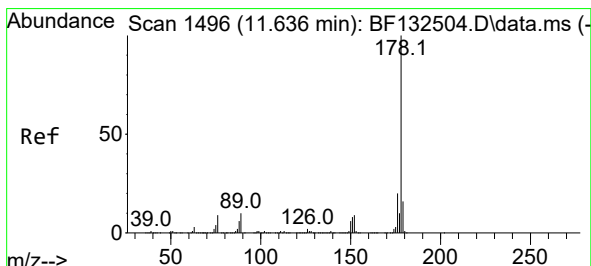
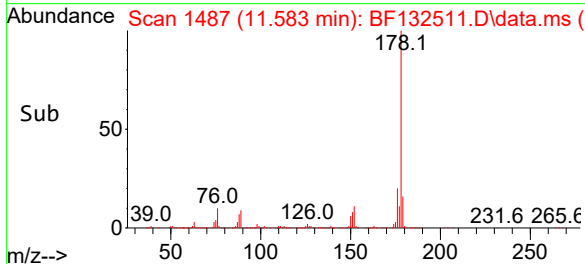
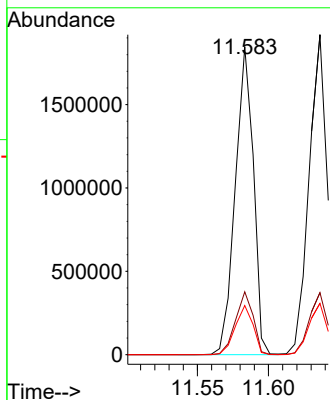
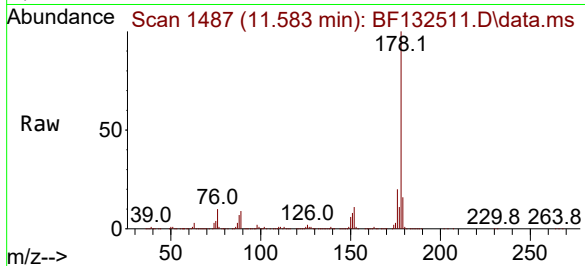




#71
Phenanthrene
Concen: 39.492 ng
RT: 11.583 min Scan# 1487
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

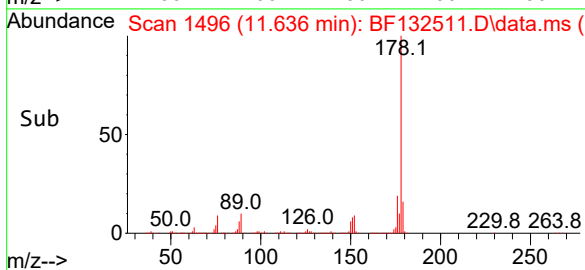
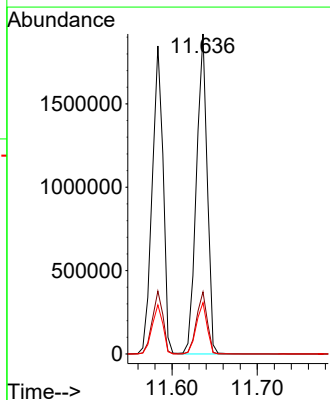
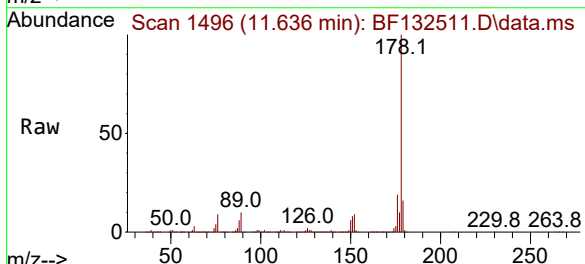
Instrument :
BNA_F
ClientSampleId :
PB150910BS

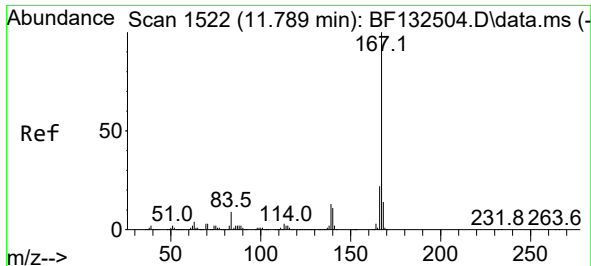
Tgt Ion:178 Resp: 1645601
Ion Ratio Lower Upper
178 100
176 20.4 16.5 24.7
179 16.0 13.0 19.6



#72
Anthracene
Concen: 39.440 ng
RT: 11.636 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion:178 Resp: 1692342
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 16.0 12.5 18.7

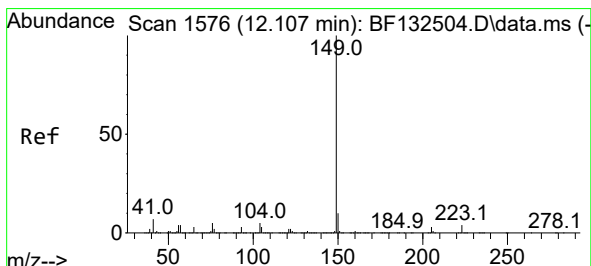
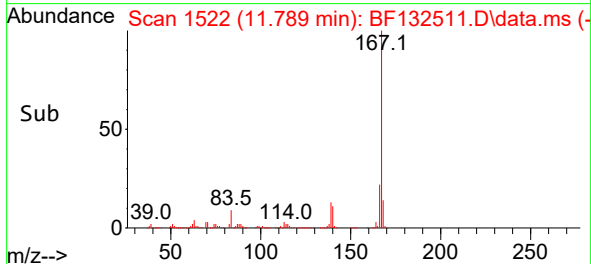
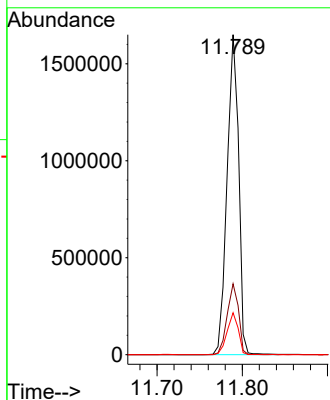
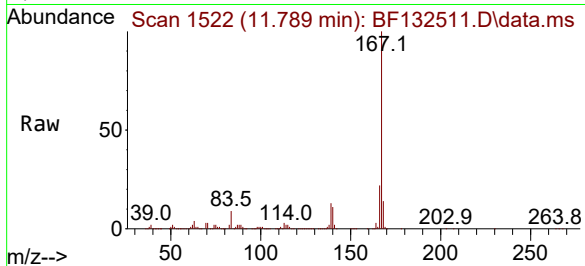




#73
 Carbazole
 Concen: 40.195 ng
 RT: 11.789 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: BF132511.D
 Acq: 22 Feb 2023 18:07

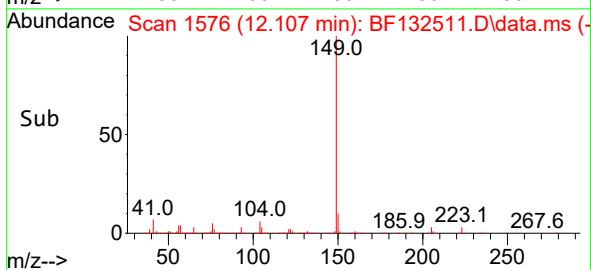
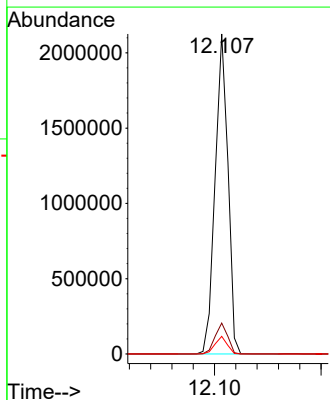
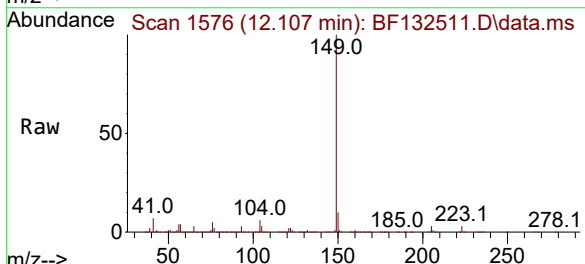
Instrument :
 BNA_F
 ClientSampleId :
 PB150910BS

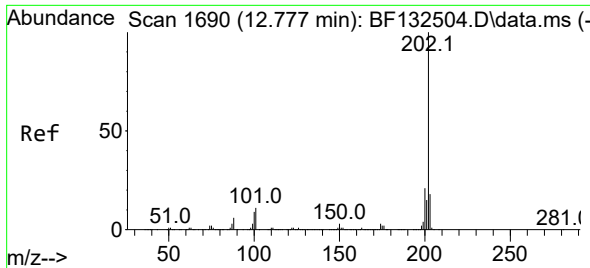
Tgt Ion:167 Resp: 1555040
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 13.1 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 39.104 ng
 RT: 12.107 min Scan# 1576
 Delta R.T. 0.000 min
 Lab File: BF132511.D
 Acq: 22 Feb 2023 18:07

Tgt Ion:149 Resp: 1774555
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.8
 104 5.5 4.3 6.5

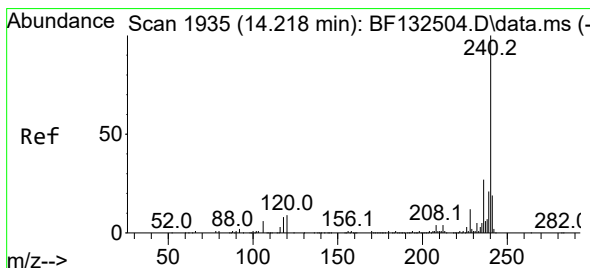
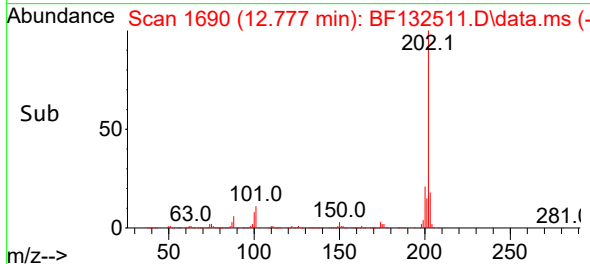
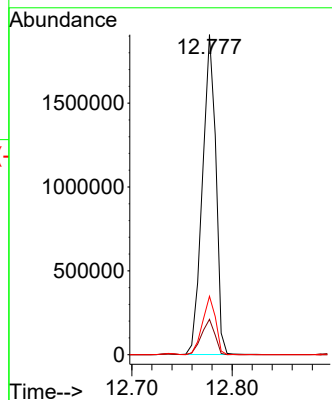
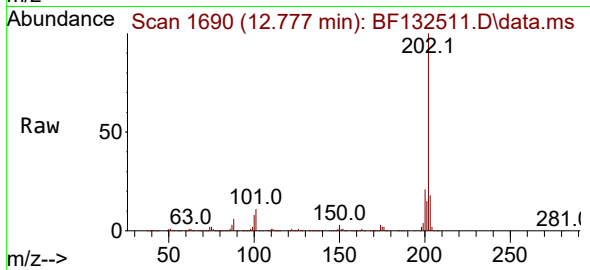




#75
Fluoranthene
Concen: 39.017 ng
RT: 12.777 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

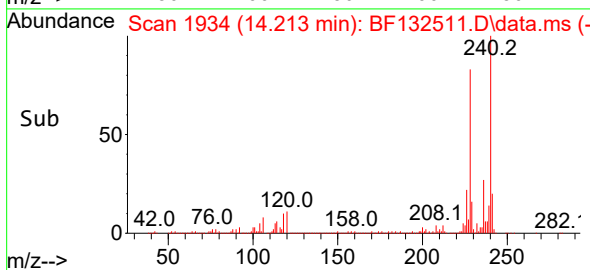
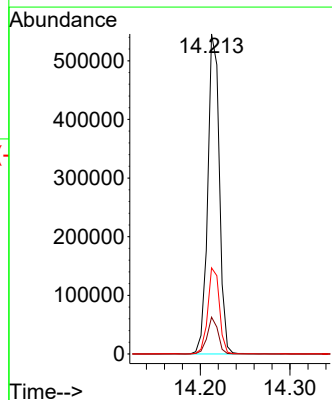
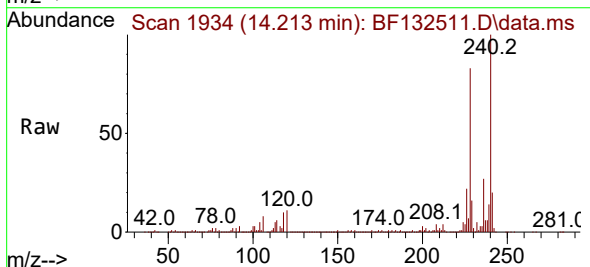
Instrument :
BNA_F
ClientSampleId :
PB150910BS

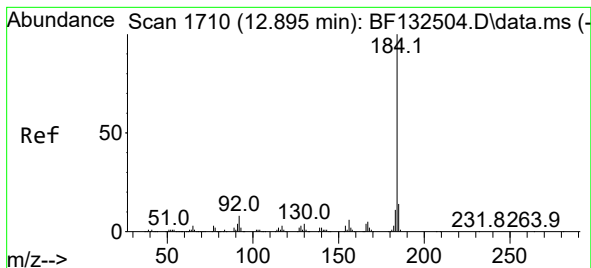
Tgt Ion:202 Resp: 1777312
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 18.3 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.213 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion:240 Resp: 489985
Ion Ratio Lower Upper
240 100
120 11.5 7.2 10.8#
236 26.9 21.8 32.6





#77

Benzidine

Concen: 73.125 ng

RT: 12.895 min Scan# 1710

Delta R.T. 0.000 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

Instrument :

BNA_F

ClientSampleId :

PB150910BS

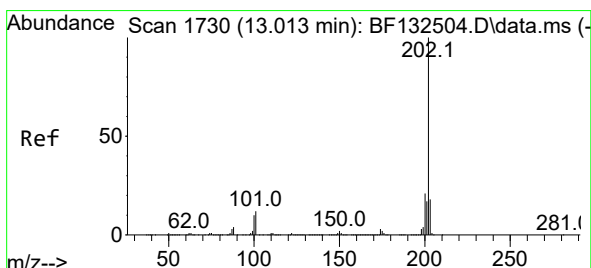
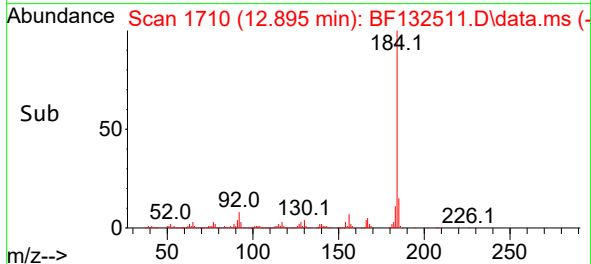
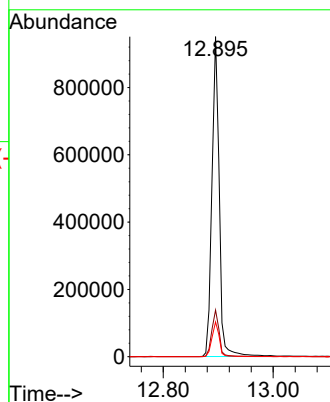
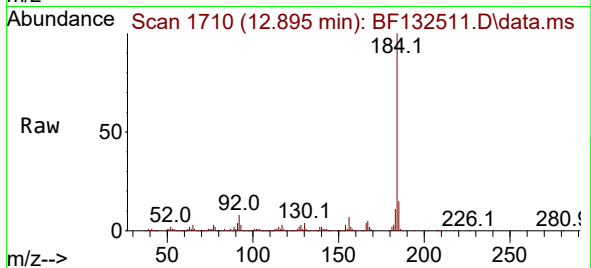
Tgt Ion:184 Resp: 872212

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

183 10.9 8.7 13.1



#78

Pyrene

Concen: 41.193 ng

RT: 13.013 min Scan# 1730

Delta R.T. 0.000 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

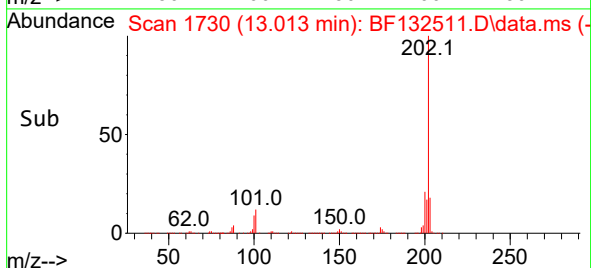
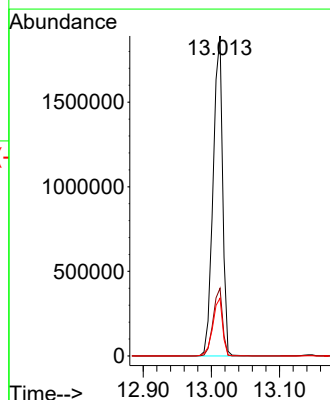
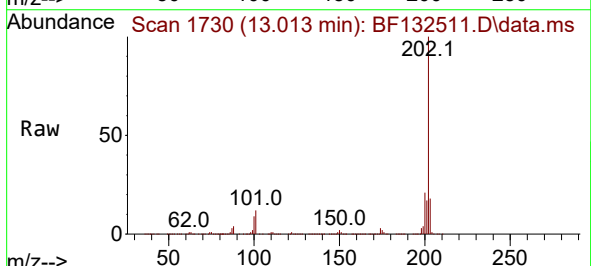
Tgt Ion:202 Resp: 1835080

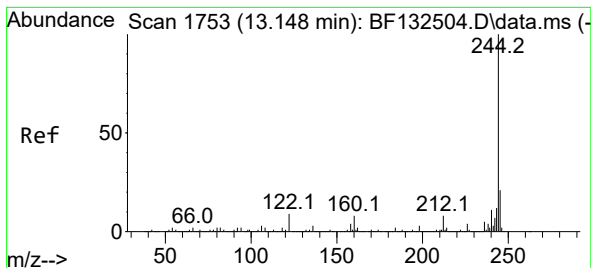
Ion Ratio Lower Upper

202 100

200 21.1 17.1 25.7

203 18.1 14.6 21.8





#79

Terphenyl-d14

Concen: 66.089 ng

RT: 13.148 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

Instrument :

BNA_F

ClientSampleId :

PB150910BS

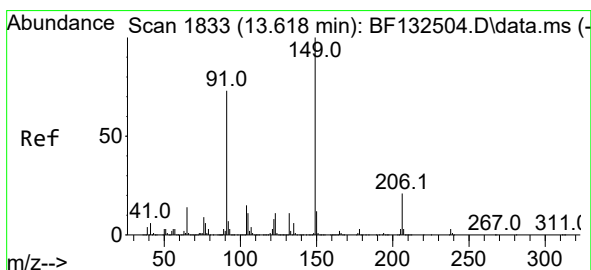
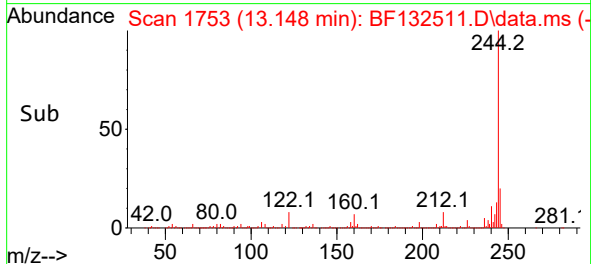
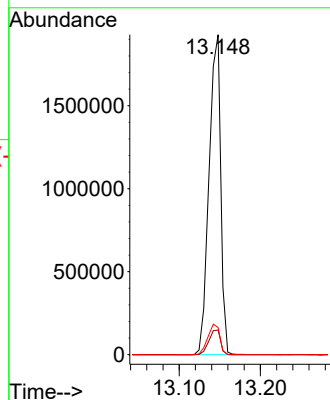
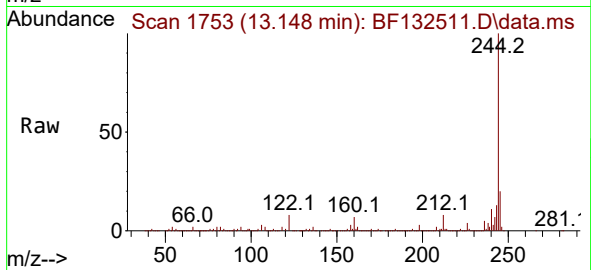
Tgt Ion:244 Resp: 1915286

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 8.4 7.5 11.3



#80

Butylbenzylphthalate

Concen: 41.406 ng

RT: 13.618 min Scan# 1833

Delta R.T. 0.000 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

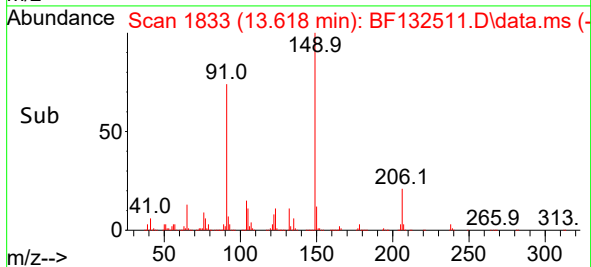
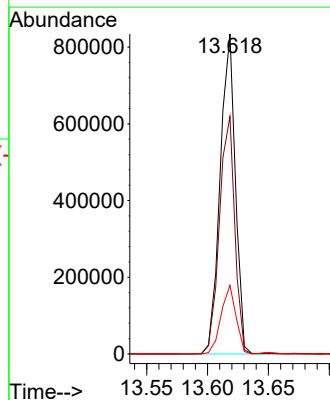
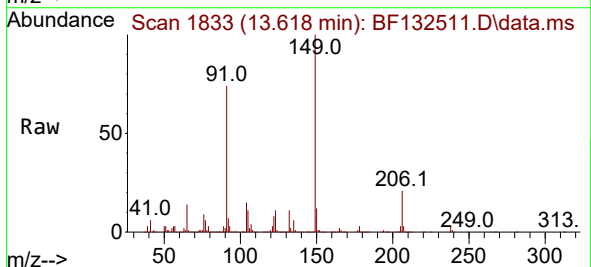
Tgt Ion:149 Resp: 727910

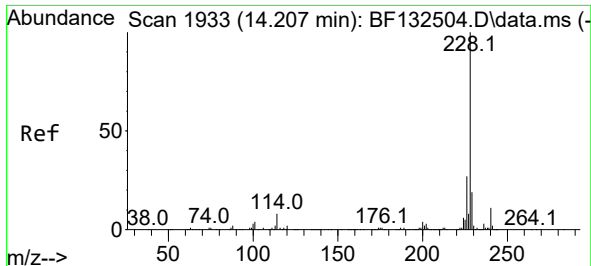
Ion Ratio Lower Upper

149 100

91 74.2 58.4 87.6

206 21.4 16.8 25.2

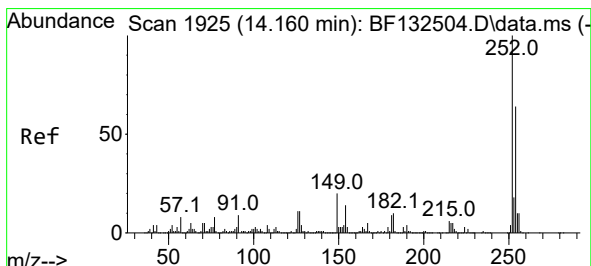
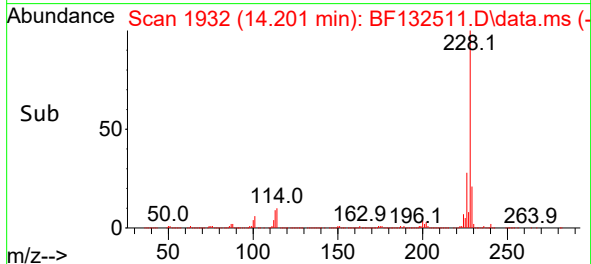
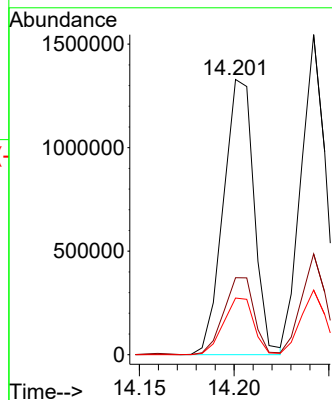
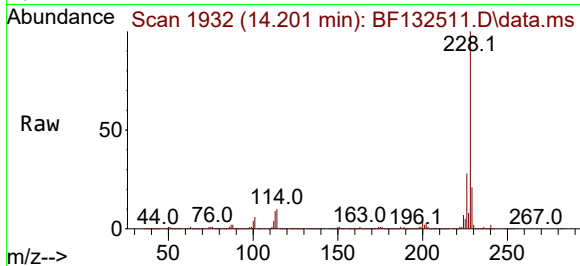




#81
Benzo(a)anthracene
Concen: 40.752 ng
RT: 14.201 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

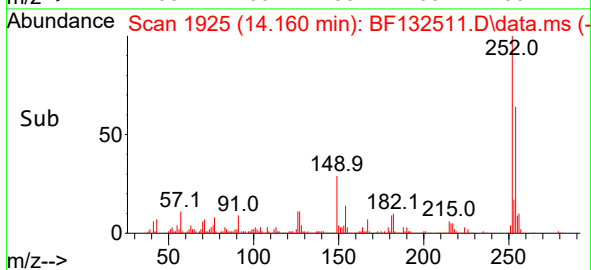
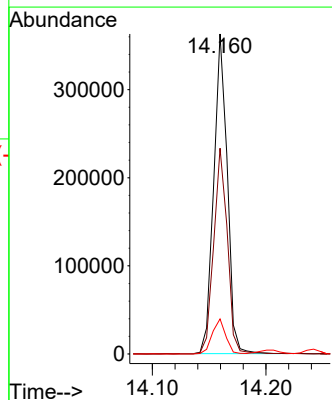
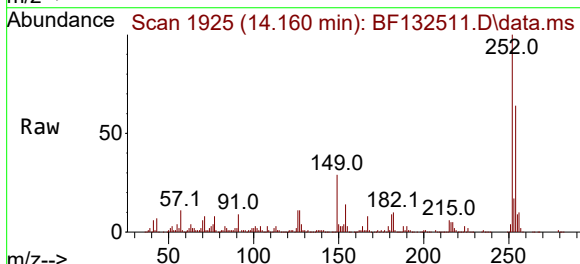
Instrument :
BNA_F
ClientSampleId :
PB150910BS

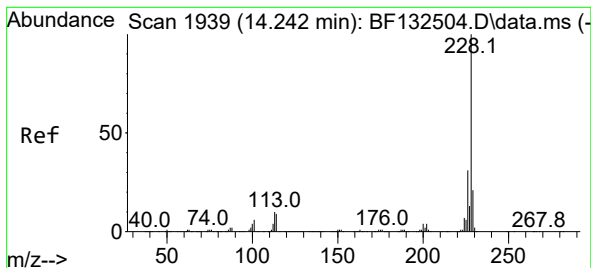
Tgt Ion:228 Resp: 1494047
Ion Ratio Lower Upper
228 100
226 28.0 21.7 32.5
229 20.6 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 27.739 ng
RT: 14.160 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion:252 Resp: 299825
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.2
126 10.9 8.9 13.3





#83

Chrysene

Concen: 40.079 ng

RT: 14.242 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

Instrument :

BNA_F

ClientSampleId :

PB150910BS

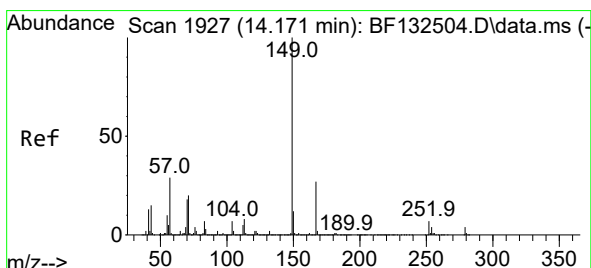
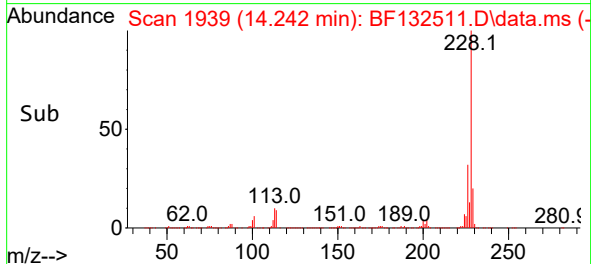
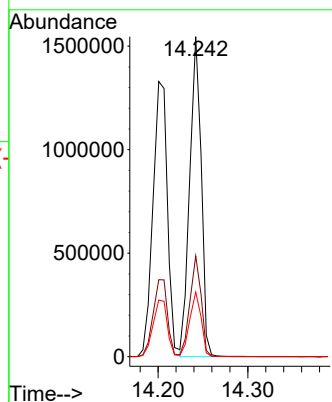
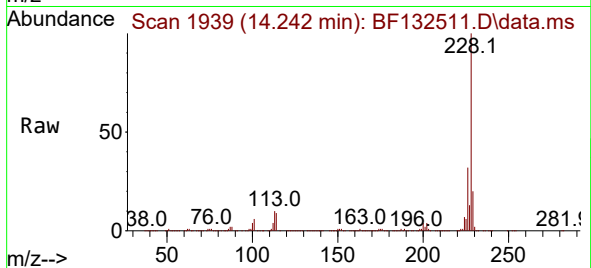
Tgt Ion:228 Resp: 1374022

Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.6

229 20.2 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.673 ng

RT: 14.171 min Scan# 1927

Delta R.T. 0.000 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

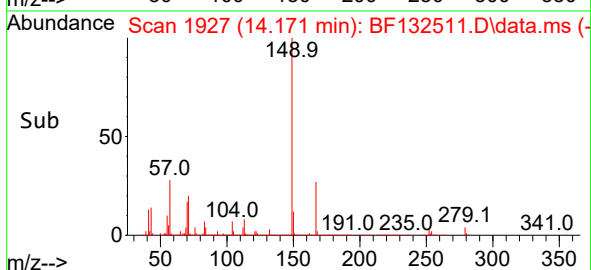
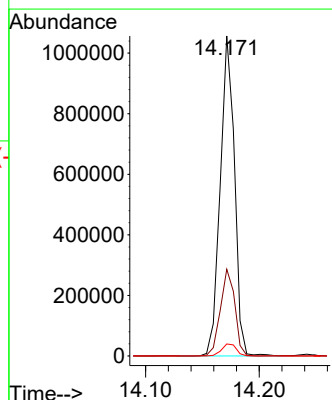
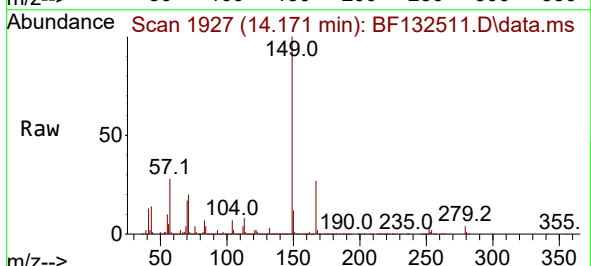
Tgt Ion:149 Resp: 921553

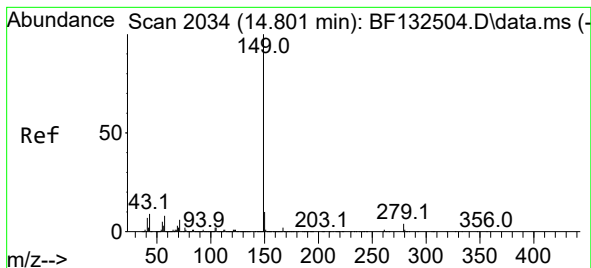
Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.6

279 3.8 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 41.268 ng

RT: 14.801 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

Instrument :

BNA_F

ClientSampleId :

PB150910BS

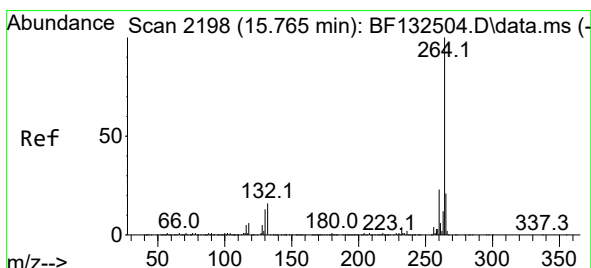
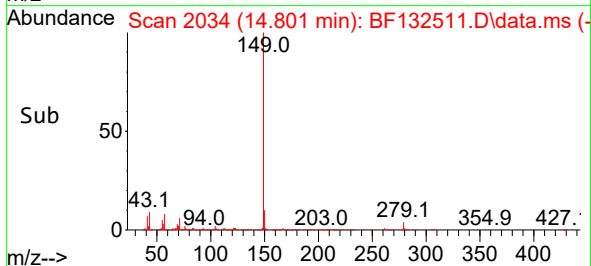
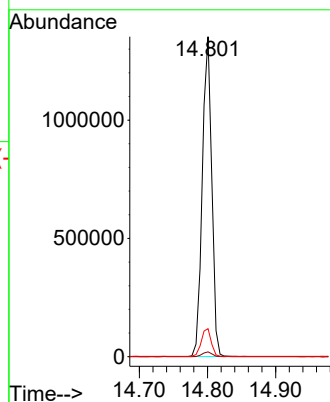
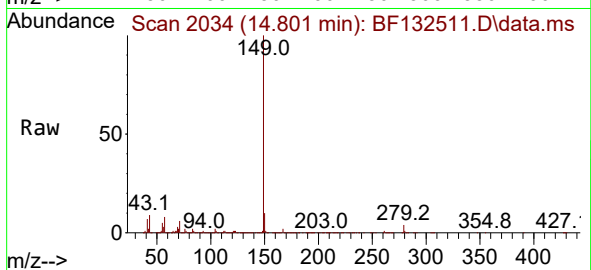
Tgt Ion:149 Resp: 1302333

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.0 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.765 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

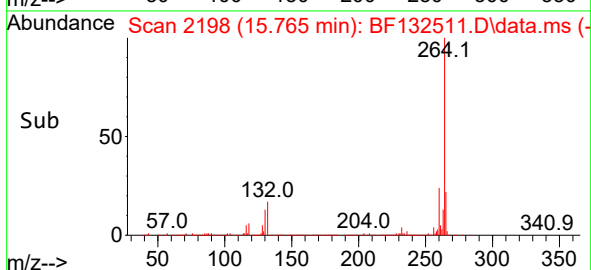
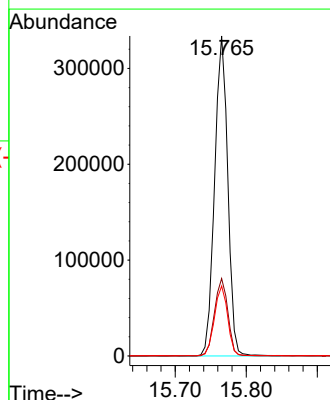
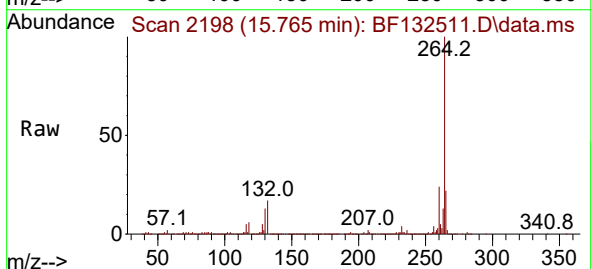
Tgt Ion:264 Resp: 428301

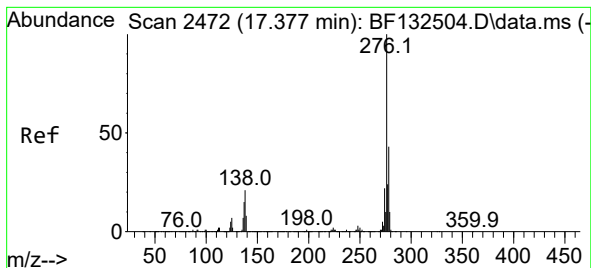
Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 21.9 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.474 ng

RT: 17.377 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

Instrument :

BNA_F

ClientSampleId :

PB150910BS

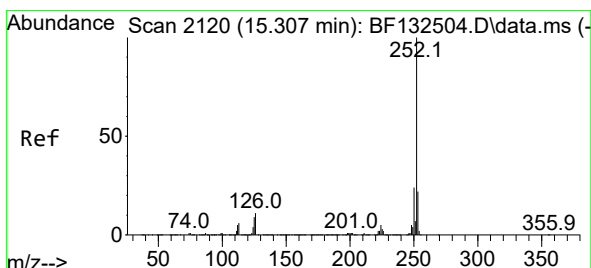
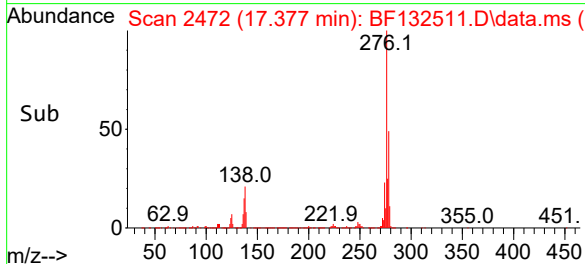
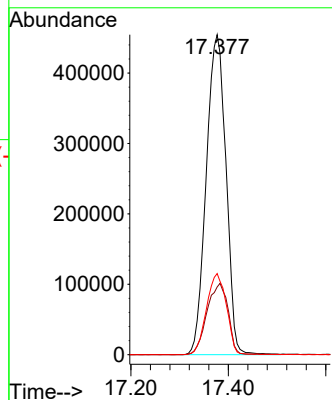
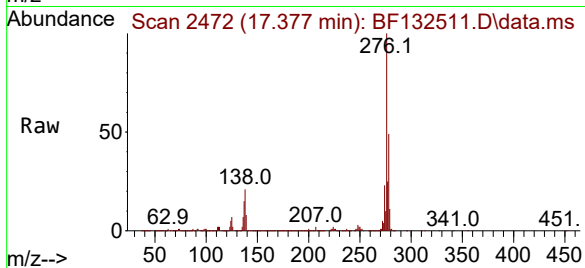
Tgt Ion:276 Resp: 1276185

Ion Ratio Lower Upper

276 100

138 24.0 19.0 28.4

277 25.6 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 43.490 ng

RT: 15.301 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

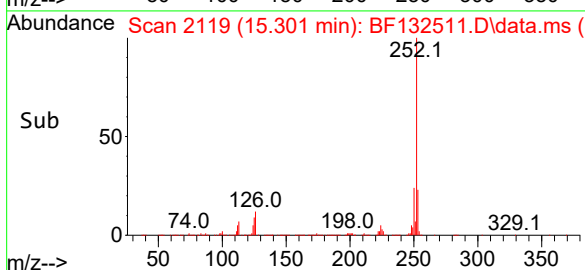
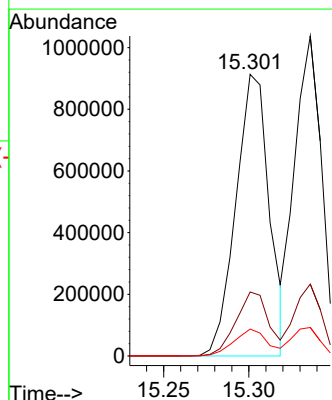
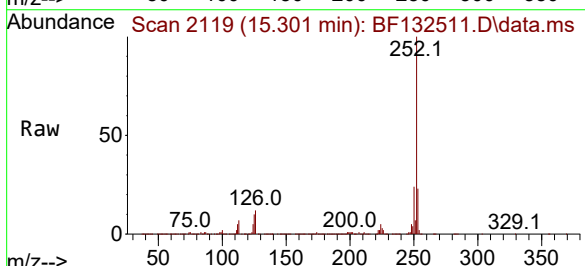
Tgt Ion:252 Resp: 1248268

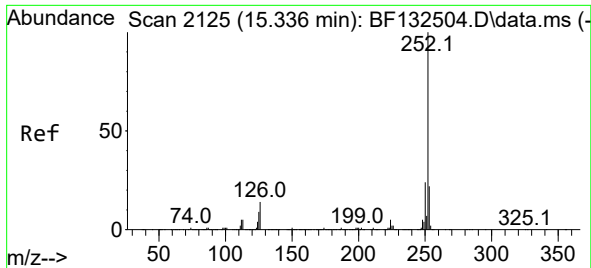
Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

125 9.5 7.0 10.6

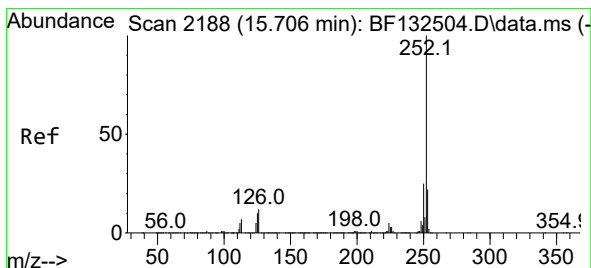
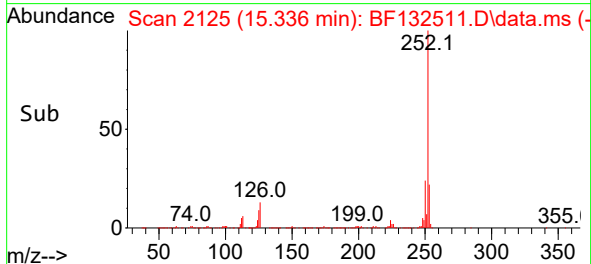
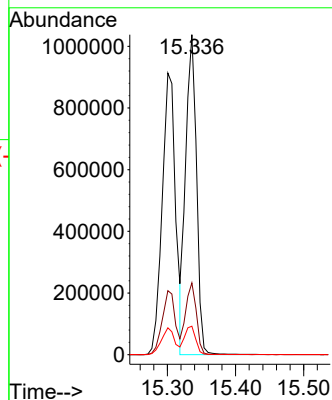
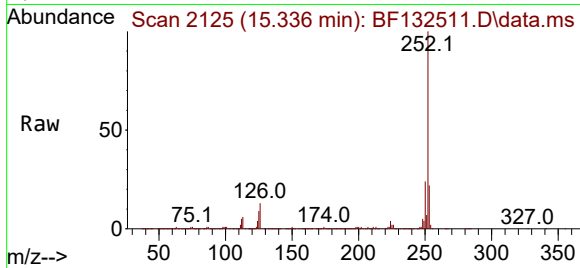




#89
Benzo(k)fluoranthene
Concen: 40.823 ng
RT: 15.336 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

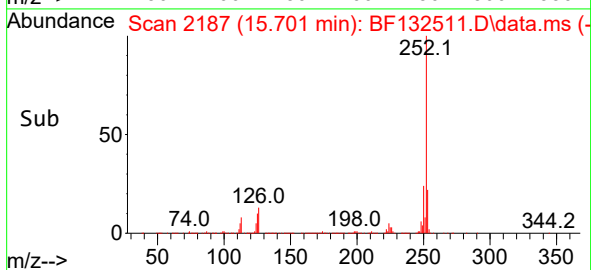
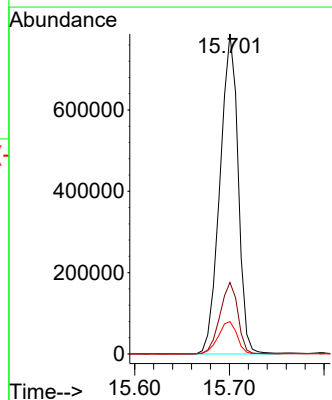
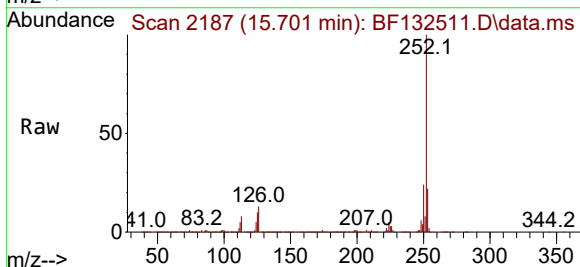
Instrument :
BNA_F
ClientSampleId :
PB150910BS

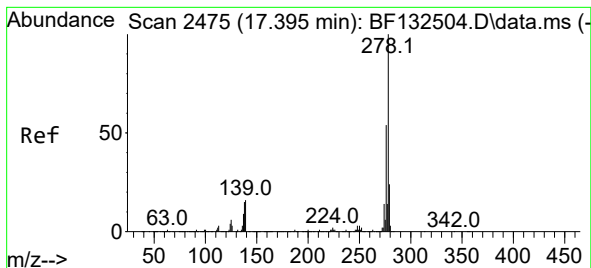
Tgt Ion:252 Resp: 1146758
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 8.9 7.2 10.8



#90
Benzo(a)pyrene
Concen: 39.091 ng
RT: 15.701 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BF132511.D
Acq: 22 Feb 2023 18:07

Tgt Ion:252 Resp: 1050113
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 10.1 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 45.834 ng

RT: 17.395 min Scan# 2475

Delta R.T. 0.000 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

Instrument :

BNA_F

ClientSampleId :

PB150910BS

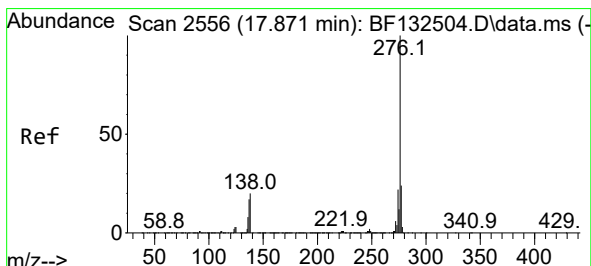
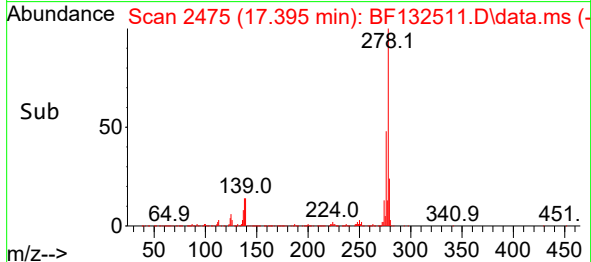
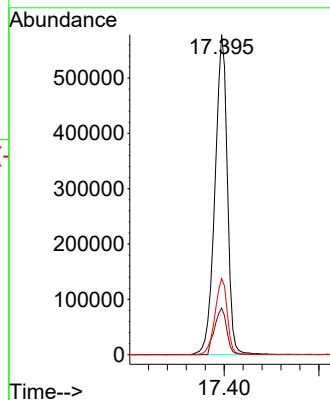
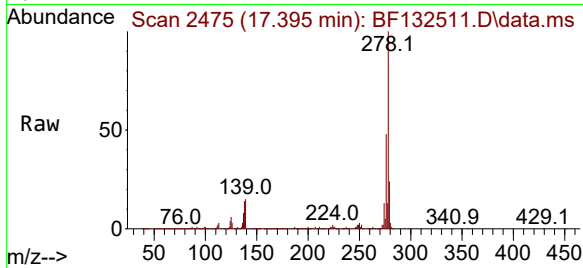
Tgt Ion:278 Resp: 1048042

Ion Ratio Lower Upper

278 100

139 14.5 13.0 19.4

279 23.8 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 42.045 ng

RT: 17.871 min Scan# 2556

Delta R.T. 0.000 min

Lab File: BF132511.D

Acq: 22 Feb 2023 18:07

Tgt Ion:276 Resp: 1081120

Ion Ratio Lower Upper

276 100

277 24.3 18.9 28.3

138 20.4 16.2 24.4

