

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
 Data File : BF132587.D
 Acq On : 01 Mar 2023 12:57
 Operator : CG\JU
 Sample : PB151108BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151108BSD

Quant Time: Mar 02 03:15:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	229328	20.000	ng	0.00
21) Naphthalene-d8	8.292	136	890894	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	473835	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	888363	20.000	ng	0.00
76) Chrysene-d12	14.204	240	550679	20.000	ng	# 0.00
86) Perylene-d12	15.751	264	421446	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	1579163	111.759	ng	0.00
7) Phenol-d6	6.634	99	2038476	110.540	ng	0.00
23) Nitrobenzene-d5	7.569	82	1335795	71.137	ng	0.00
42) 2,4,6-Tribromophenol	10.851	330	550416	107.562	ng	0.00
45) 2-Fluorobiphenyl	9.369	172	2050683	65.898	ng	0.00
79) Terphenyl-d14	13.139	244	2540718	78.007	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.957	88	260690	33.353	ng	95
3) Pyridine	3.710	79	614780	29.632	ng	94
4) n-Nitrosodimethylamine	3.669	42	290208	37.031	ng	91
6) Aniline	6.663	93	467120	18.822	ng	96
8) 2-Chlorophenol	6.792	128	636286	43.387	ng	92
9) Benzaldehyde	6.557	77	459664	46.194	ng	97
10) Phenol	6.645	94	801882	37.928	ng	96
11) bis(2-Chloroethyl)ether	6.734	93	685925	42.026	ng	97
12) 1,3-Dichlorobenzene	6.945	146	654349	41.578	ng	97
13) 1,4-Dichlorobenzene	7.022	146	651017	41.428	ng	99
14) 1,2-Dichlorobenzene	7.175	146	631399	41.866	ng	97
15) Benzyl Alcohol	7.145	79	547410	38.544	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.275	45	829640	39.861	ng	100
17) 2-Methylphenol	7.257	107	525051	38.362	ng	95
18) Hexachloroethane	7.516	117	257123	41.882	ng	99
19) n-Nitroso-di-n-propyla...	7.416	70	407333	35.890	ng	92
20) 3+4-Methylphenols	7.404	107	597934	33.815	ng	# 84
22) Acetophenone	7.410	105	800886	35.651	ng	92
24) Nitrobenzene	7.587	77	710630	35.386	ng	97
25) Isophorone	7.822	82	1303779	36.215	ng	99
26) 2-Nitrophenol	7.904	139	346865	39.146	ng	95
27) 2,4-Dimethylphenol	7.934	122	537330	38.423	ng	100
28) bis(2-Chloroethoxy)met...	8.028	93	804293	38.190	ng	99
29) 2,4-Dichlorophenol	8.145	162	533807	38.372	ng	98
30) 1,2,4-Trichlorobenzene	8.228	180	579712	38.377	ng	97
31) Naphthalene	8.310	128	1694902	37.162	ng	99
32) Benzoic acid	8.063	122	456676	41.964	ng	98
33) 4-Chloroaniline	8.357	127	186942	9.565	ng	94
34) Hexachlorobutadiene	8.422	225	363506	37.869	ng	99
35) Caprolactam	8.734	113	144289	31.461	ng	94
36) 4-Chloro-3-methylphenol	8.839	107	569894	37.303	ng	98
37) 2-Methylnaphthalene	9.004	142	1112408	35.790	ng	100
38) 1-Methylnaphthalene	9.104	142	1049709	36.138	ng	99
40) 1,2,4,5-Tetrachloroben...	9.169	216	577767	37.269	ng	99
41) Hexachlorocyclopentadiene	9.157	237	654396	77.825	ng	99
43) 2,4,6-Trichlorophenol	9.281	196	393049	37.411	ng	99

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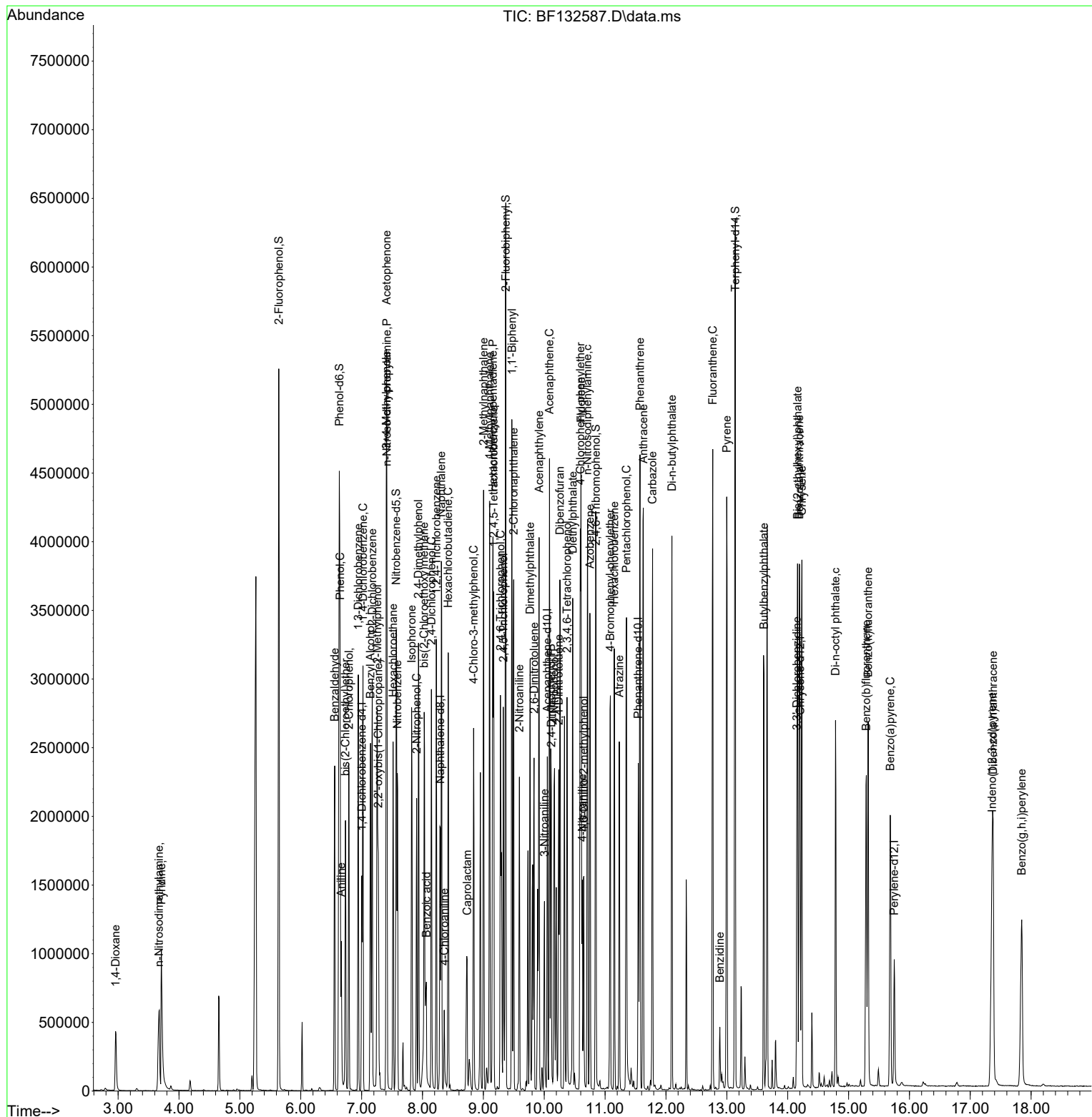
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.328	196	414808	33.828	ng	95
46) 1,1'-Biphenyl	9.469	154	1334787	37.218	ng	99
47) 2-Chloronaphthalene	9.498	162	1072103	37.704	ng	99
48) 2-Nitroaniline	9.592	65	354639	33.864	ng	91
49) Acenaphthylene	9.916	152	1655115	36.574	ng	99
50) Dimethylphthalate	9.769	163	1284637	37.235	ng	100
51) 2,6-Dinitrotoluene	9.833	165	298194	37.951	ng	92
52) Acenaphthene	10.086	154	1016627	35.378	ng	98
53) 3-Nitroaniline	10.004	138	205202	23.347	ng	96
54) 2,4-Dinitrophenol	10.116	184	382810	77.376	ng	# 88
55) Dibenzofuran	10.257	168	1514946	36.163	ng	100
56) 4-Nitrophenol	10.169	139	467302	71.292	ng	91
57) 2,4-Dinitrotoluene	10.239	165	400865	38.349	ng	94
58) Fluorene	10.604	166	1170860	36.540	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.375	232	349152	38.331	ng	99
60) Diethylphthalate	10.469	149	1311940	38.935	ng	99
61) 4-Chlorophenyl-phenyle...	10.592	204	617256	37.132	ng	95
62) 4-Nitroaniline	10.628	138	302419	35.052	ng	90
63) Azobenzene	10.751	77	1301453	36.470	ng	97
65) 4,6-Dinitro-2-methylph...	10.651	198	242697	40.357	ng	92
66) n-Nitrosodiphenylamine	10.710	169	1056296	38.140	ng	99
67) 4-Bromophenyl-phenylether	11.086	248	388825	38.694	ng	96
68) Hexachlorobenzene	11.151	284	433873	41.033	ng	# 93
69) Atrazine	11.233	200	296665	34.312	ng	99
70) Pentachlorophenol	11.351	266	462499	73.518	ng	98
71) Phenanthrene	11.575	178	1732063	37.636	ng	99
72) Anthracene	11.627	178	1751176	36.951	ng	100
73) Carbazole	11.780	167	1621895	37.958	ng	99
74) Di-n-butylphthalate	12.098	149	1979220	39.489	ng	100
75) Fluoranthene	12.769	202	1880033	37.368	ng	99
77) Benzidine	12.886	184	221877	16.552	ng	99
78) Pyrene	12.998	202	1886400	37.678	ng	100
80) Butylbenzylphthalate	13.610	149	767429	38.843	ng	95
81) Benzo(a)anthracene	14.192	228	1503637	36.493	ng	98
82) 3,3'-Dichlorobenzidine	14.151	252	351255	28.916	ng	98
83) Chrysene	14.233	228	1406851	36.513	ng	100
84) Bis(2-ethylhexyl)phtha...	14.163	149	988652	40.734	ng	100
85) Di-n-octyl phthalate	14.786	149	1394447	39.317	ng	99
87) Indeno(1,2,3-cd)pyrene	17.357	276	1290973	46.749	ng	98
88) Benzo(b)fluoranthene	15.292	252	1217181	43.096	ng	98
89) Benzo(k)fluoranthene	15.321	252	1195068	43.235	ng	98
90) Benzo(a)pyrene	15.686	252	1055551	39.933	ng	98
91) Dibenzo(a,h)anthracene	17.374	278	1112682	49.453	ng	99
92) Benzo(g,h,i)perylene	17.845	276	1092880	43.149	ng	98

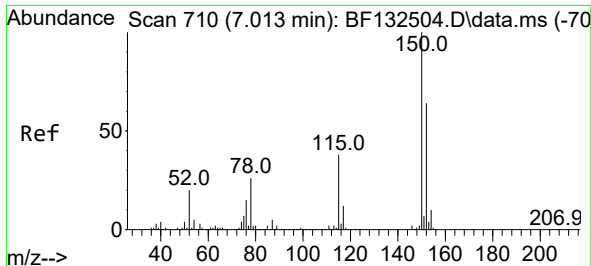
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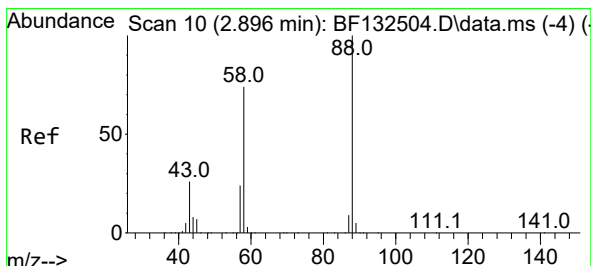
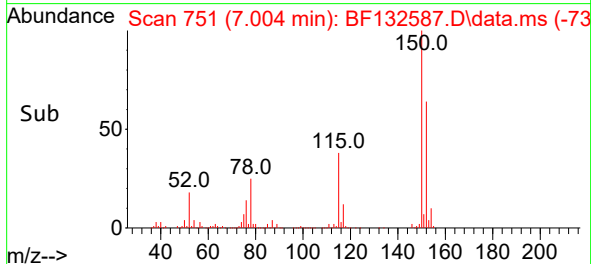
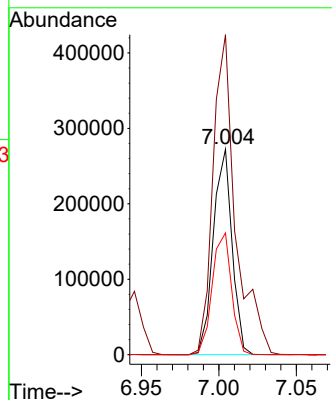
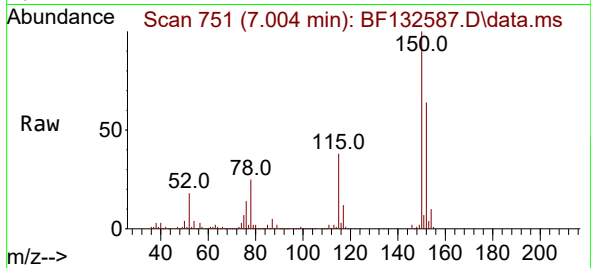




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.004 min Scan# 71
Delta R.T. -0.003 min
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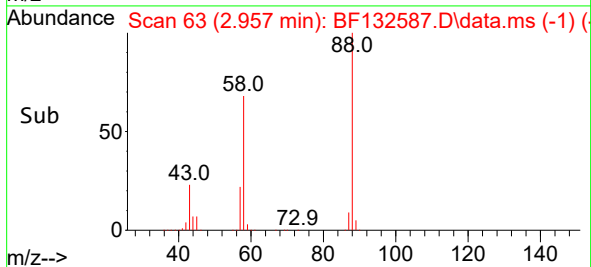
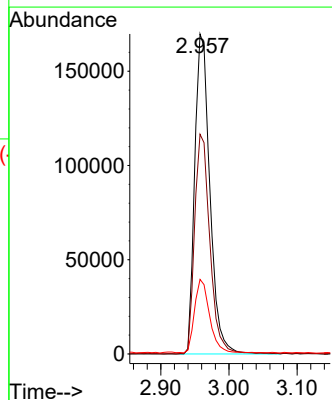
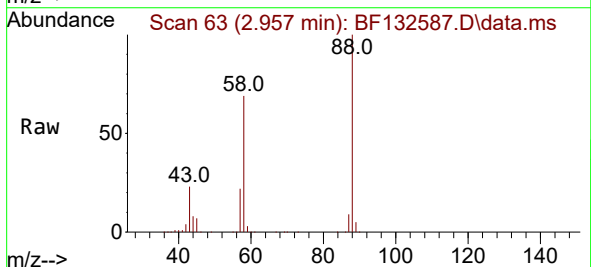
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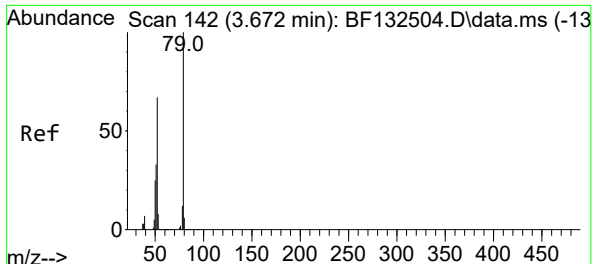
Tgt Ion:152 Resp: 229328
Ion Ratio Lower Upper
152 100
150 155.8 125.4 188.2
115 59.3 47.8 71.6



#2
1,4-Dioxane
Concen: 33.353 ng
RT: 2.957 min Scan# 63
Delta R.T. 0.074 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion: 88 Resp: 260690
Ion Ratio Lower Upper
88 100
58 69.4 58.3 87.5
43 22.7 20.7 31.1

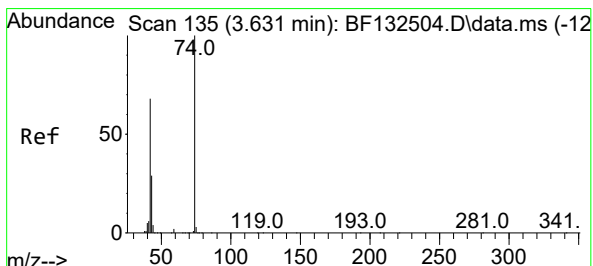
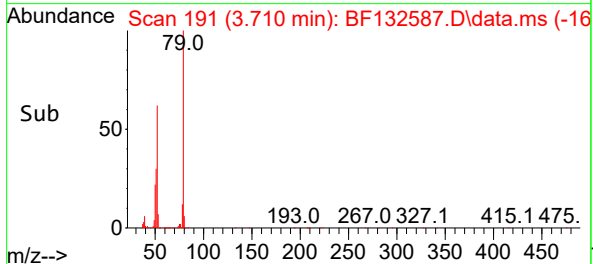
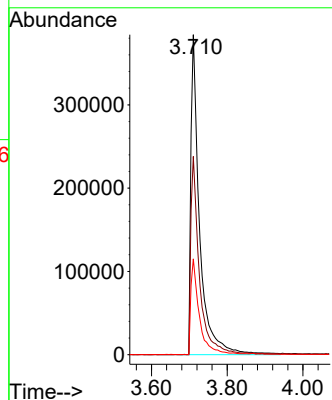
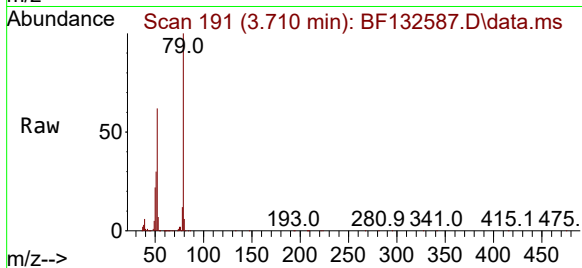




#3
Pyridine
Concen: 29.632 ng
RT: 3.710 min Scan# 14
Delta R.T. 0.056 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

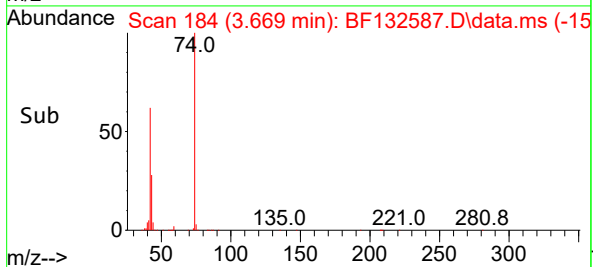
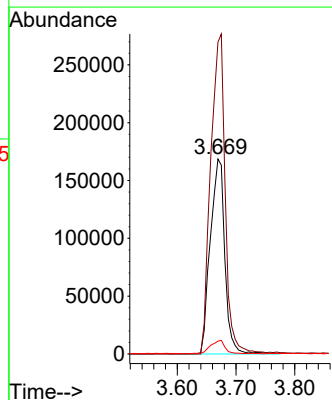
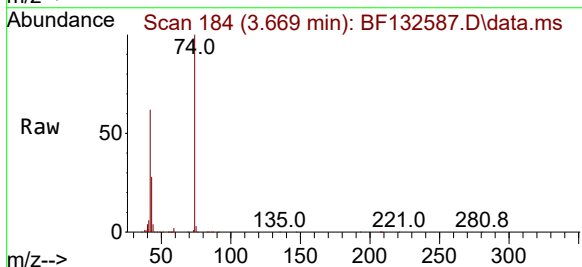
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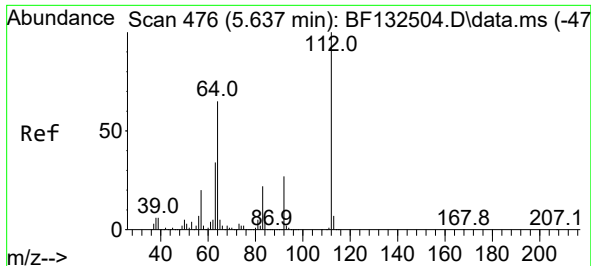
Tgt Ion: 79 Resp: 614780
Ion Ratio Lower Upper
79 100
52 62.0 53.7 80.5
51 29.9 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 37.031 ng
RT: 3.669 min Scan# 184
Delta R.T. 0.044 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion: 42 Resp: 290208
Ion Ratio Lower Upper
42 100
74 160.0 118.2 177.2
44 6.5 5.3 7.9

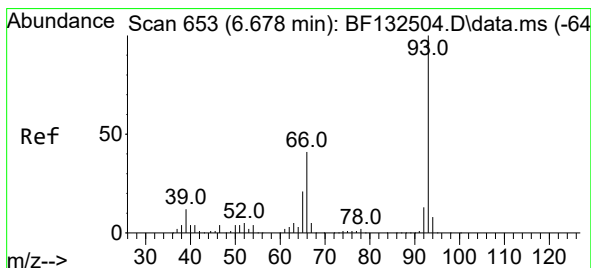
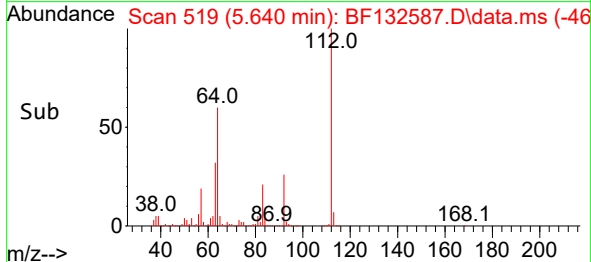
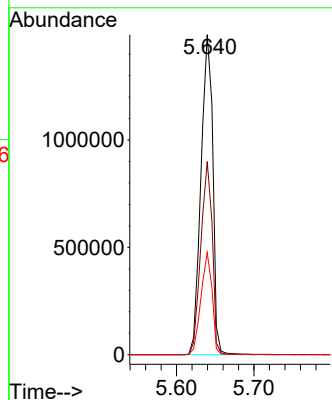
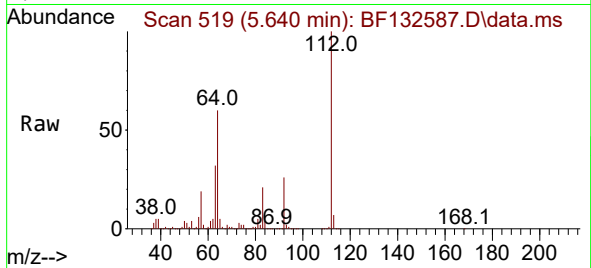




#5
2-Fluorophenol
Concen: 111.759 ng
RT: 5.640 min Scan# 51
Delta R.T. 0.009 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

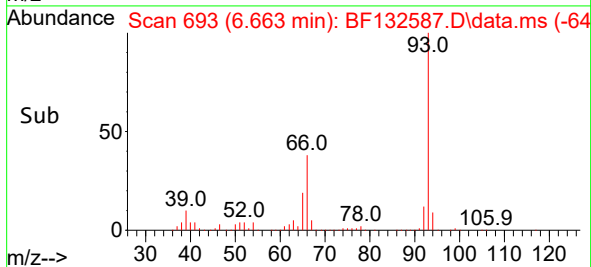
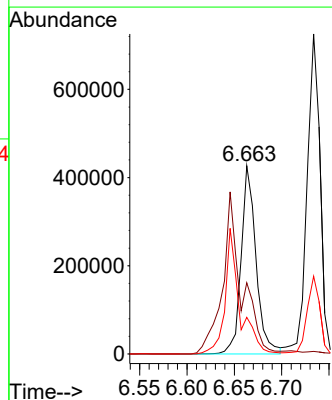
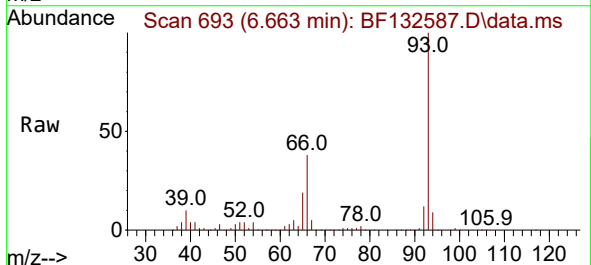
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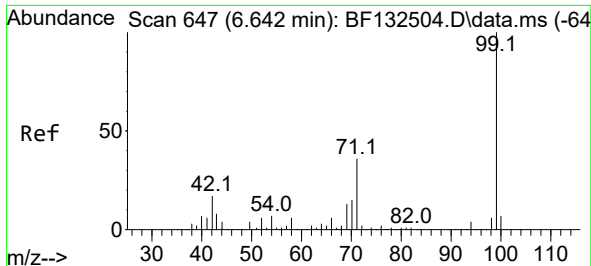
Tgt Ion:112 Resp: 1579163
Ion Ratio Lower Upper
112 100
64 60.4 51.6 77.4
63 31.9 27.4 41.2



#6
Aniline
Concen: 18.822 ng
RT: 6.663 min Scan# 693
Delta R.T. -0.009 min
Lab File: BF132587.D
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Tgt Ion: 93 Resp: 467120
Ion Ratio Lower Upper
93 100
66 37.9 32.5 48.7
65 19.5 16.6 24.8

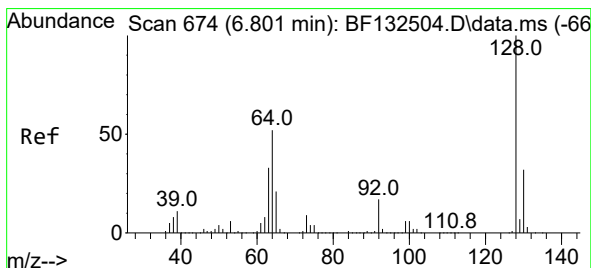
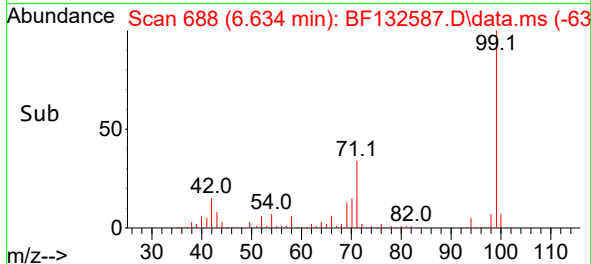
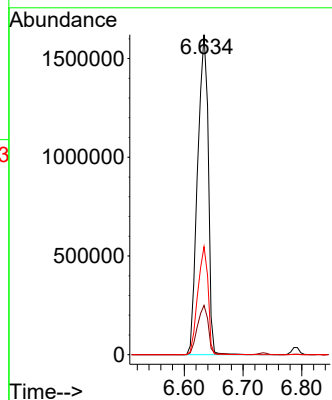
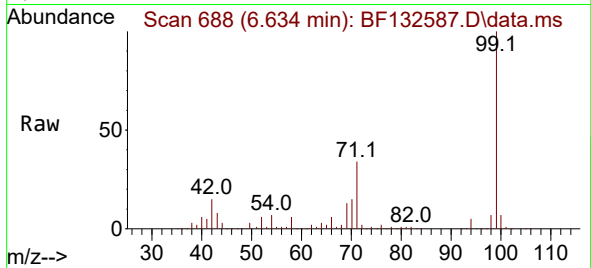




#7
Phenol-d6
Concen: 110.540 ng
RT: 6.634 min Scan# 61
Delta R.T. -0.003 min
Lab File: BF132587.D
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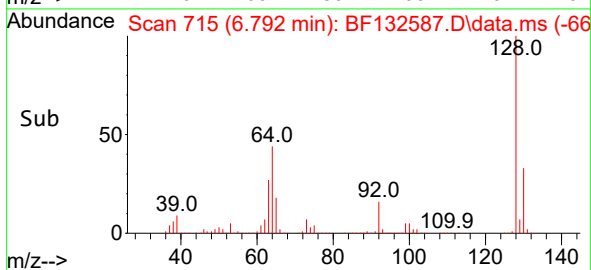
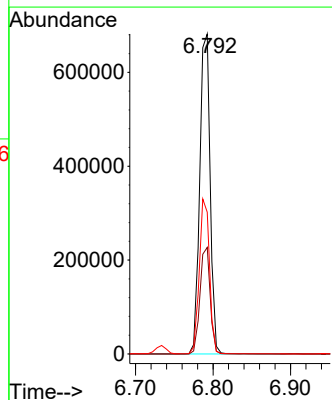
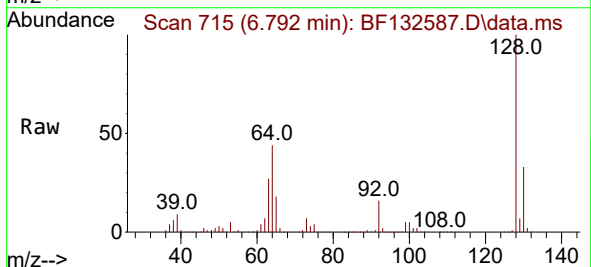
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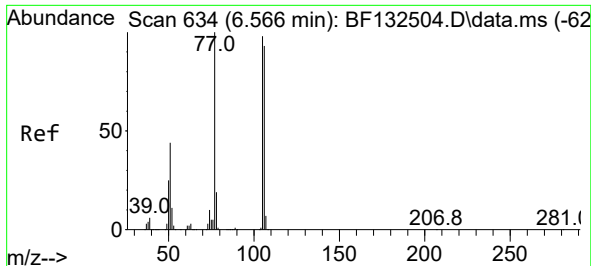
Tgt Ion: 99 Resp: 2038476
Ion Ratio Lower Upper
99 100
42 15.4 13.9 20.9
71 33.7 28.5 42.7



#8
2-Chlorophenol
Concen: 43.387 ng
RT: 6.792 min Scan# 715
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion:128 Resp: 636286
Ion Ratio Lower Upper
128 100
130 33.3 12.1 52.1
64 44.3 32.0 72.0

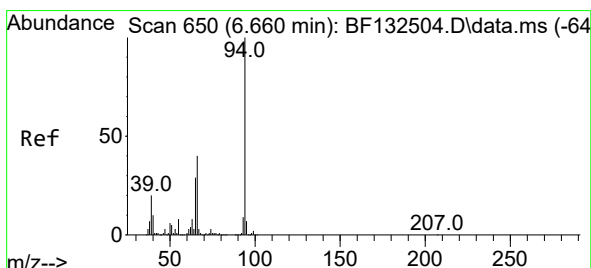
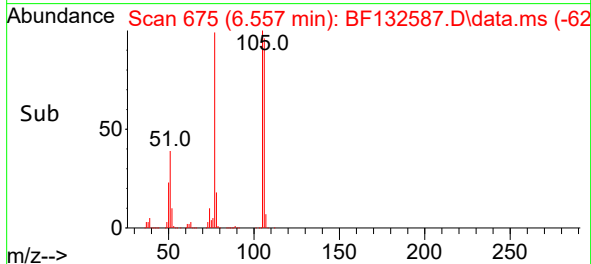
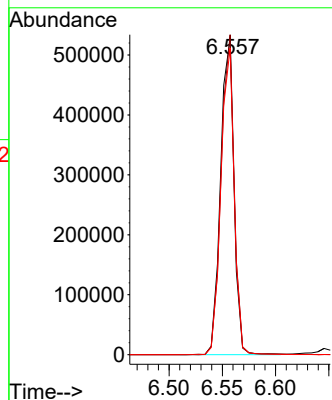
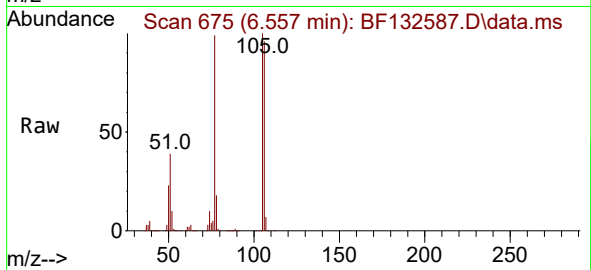




#9
Benzaldehyde
Concen: 46.194 ng
RT: 6.557 min Scan# 61
Delta R.T. -0.003 min
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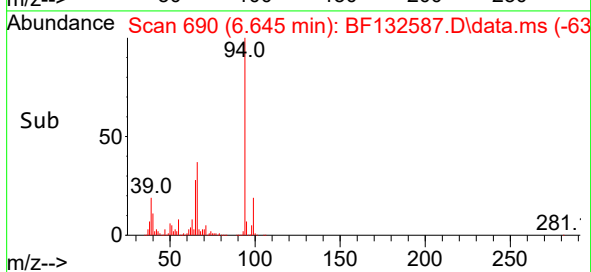
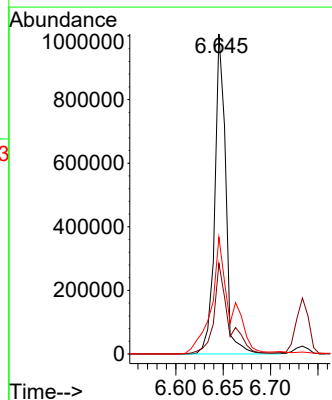
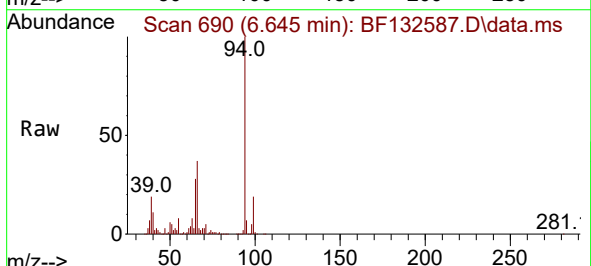
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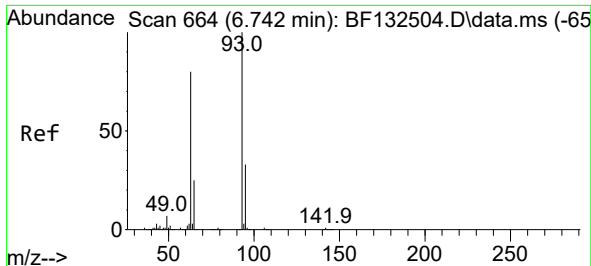
Tgt Ion: 77 Resp: 459664
Ion Ratio Lower Upper
77 100
105 101.1 77.9 117.9
106 96.9 73.4 113.4



#10
Phenol
Concen: 37.928 ng
RT: 6.645 min Scan# 690
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion: 94 Resp: 801882
Ion Ratio Lower Upper
94 100
65 28.3 9.4 49.4
66 36.5 19.8 59.8





#11

bis(2-Chloroethyl)ether

Concen: 42.026 ng

RT: 6.734 min Scan# 705

Delta R.T. -0.009 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151108BSD

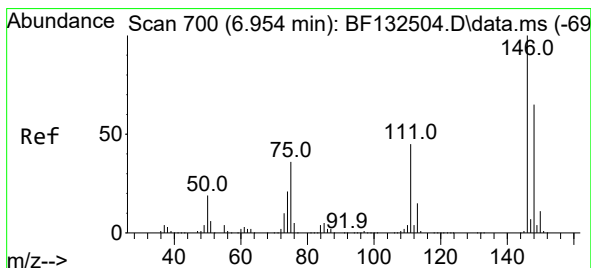
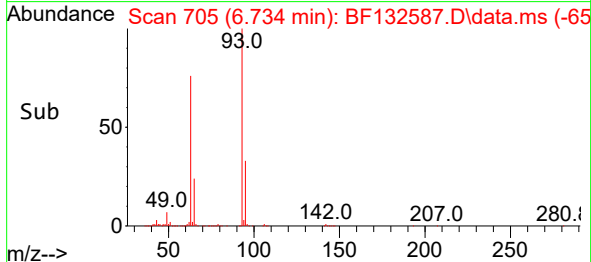
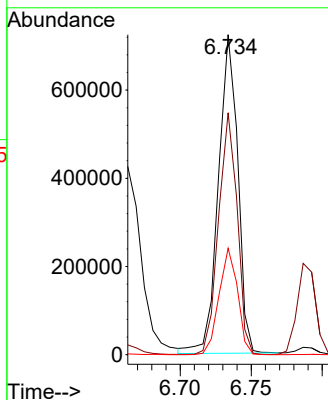
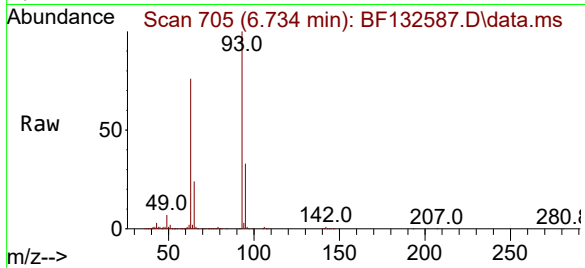
Tgt Ion: 93 Resp: 685925

Ion Ratio Lower Upper

93 100

63 75.6 59.6 99.6

95 33.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.578 ng

RT: 6.945 min Scan# 741

Delta R.T. -0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

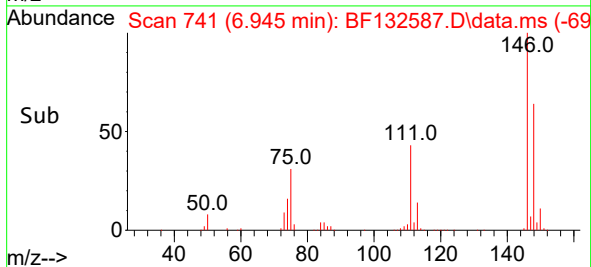
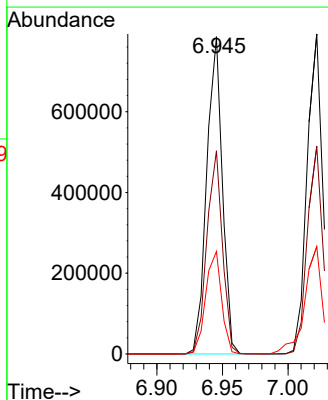
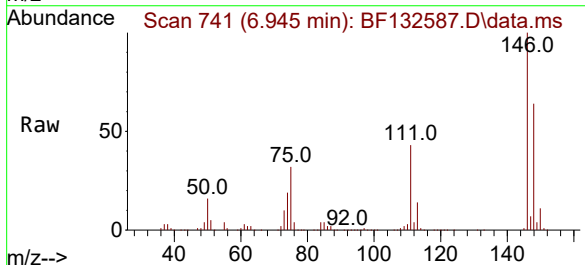
Tgt Ion:146 Resp: 654349

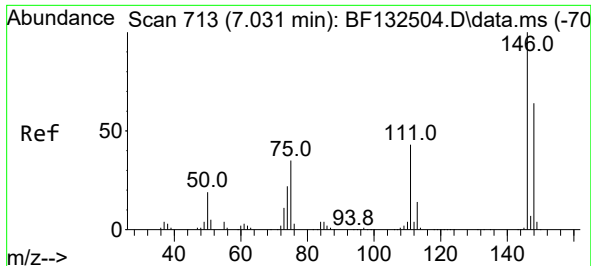
Ion Ratio Lower Upper

146 100

148 64.1 51.9 77.9

75 32.3 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 41.428 ng

RT: 7.022 min Scan# 71

Delta R.T. -0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151108BSD

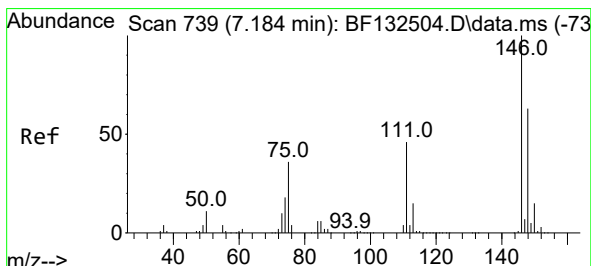
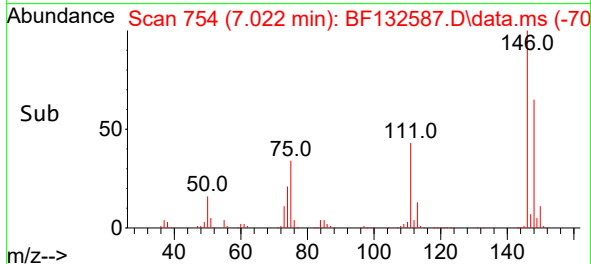
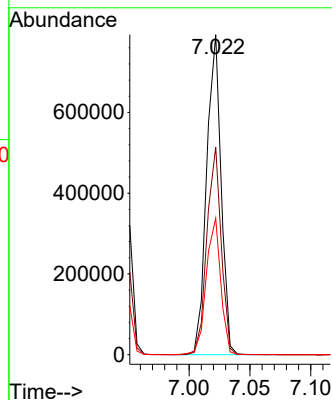
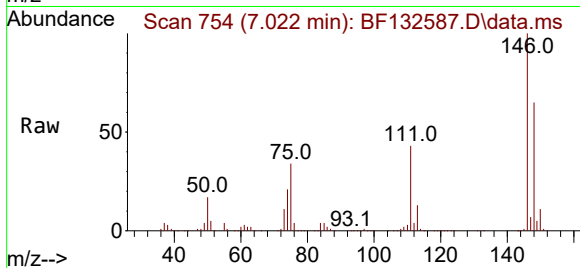
Tgt Ion:146 Resp: 651017

Ion Ratio Lower Upper

146 100

148 64.9 51.1 76.7

111 42.6 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 41.866 ng

RT: 7.175 min Scan# 780

Delta R.T. -0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

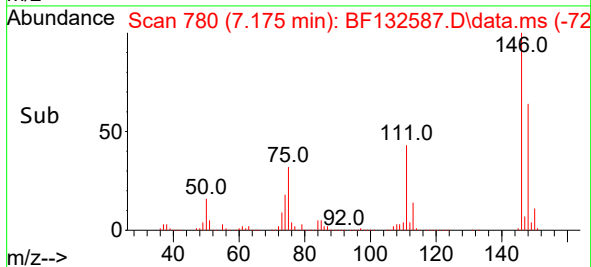
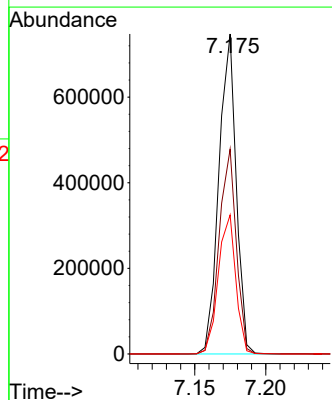
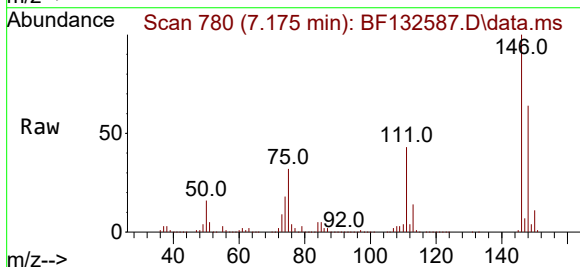
Tgt Ion:146 Resp: 631399

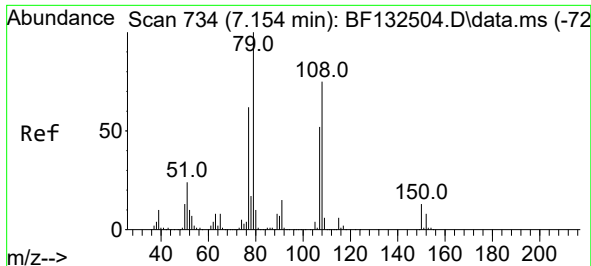
Ion Ratio Lower Upper

146 100

148 64.0 50.6 75.8

111 43.5 37.2 55.8

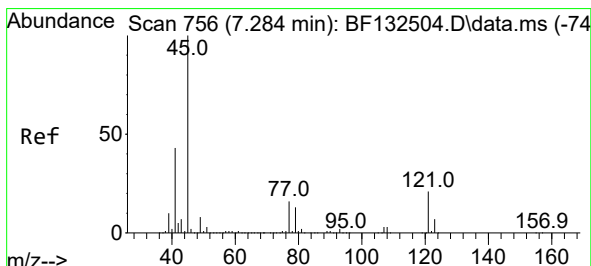
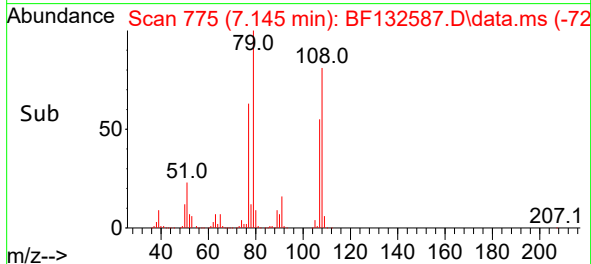
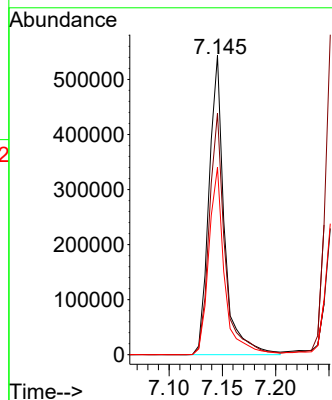
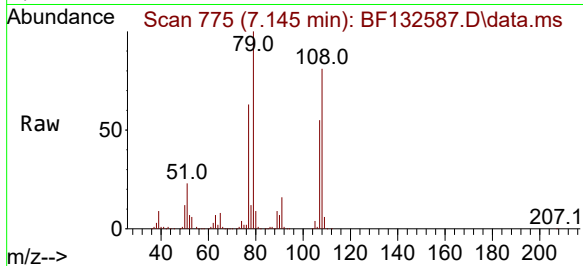




#15
Benzyl Alcohol
Concen: 38.544 ng
RT: 7.145 min Scan# 71
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

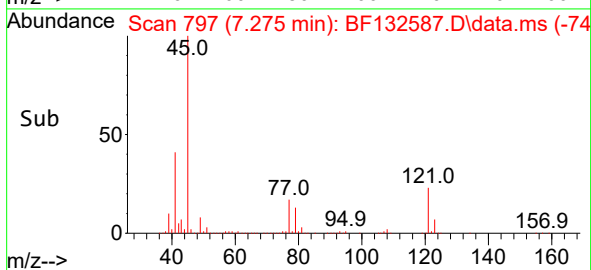
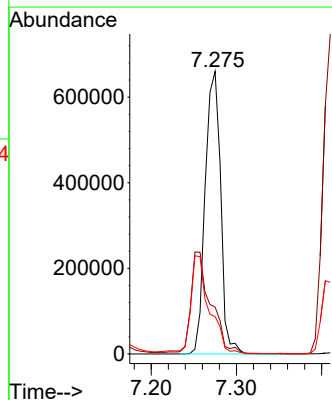
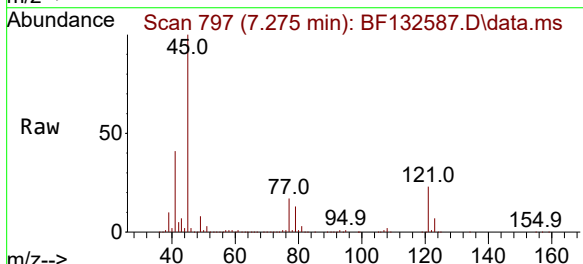
Instrument :
BNA_F
ClientSampleId :
PB151108BSD

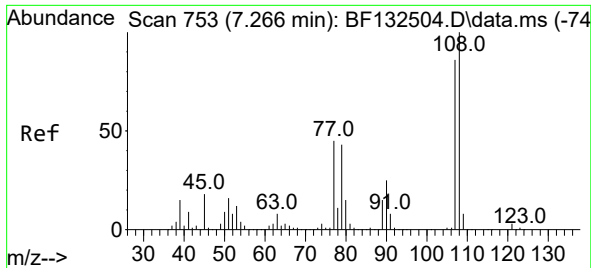
Tgt Ion: 79 Resp: 547410
Ion Ratio Lower Upper
79 100
108 80.8 60.2 90.4
77 62.6 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.861 ng
RT: 7.275 min Scan# 797
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion: 45 Resp: 829640
Ion Ratio Lower Upper
45 100
77 16.6 0.0 36.4
79 13.2 0.0 33.4

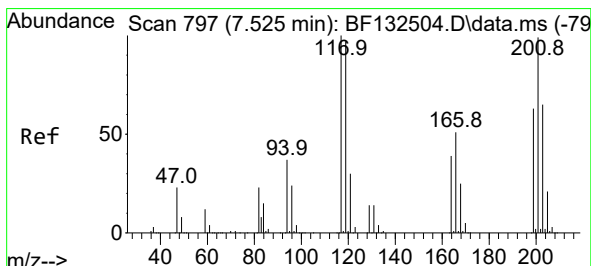
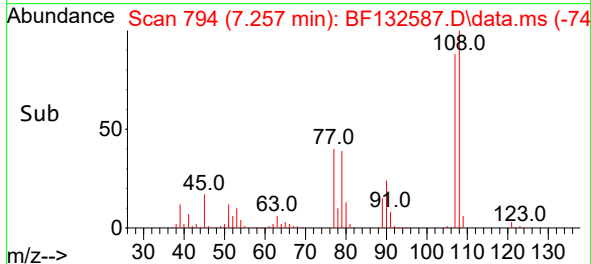
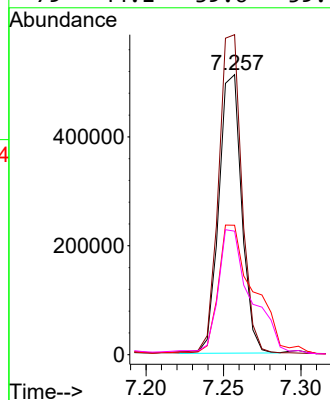
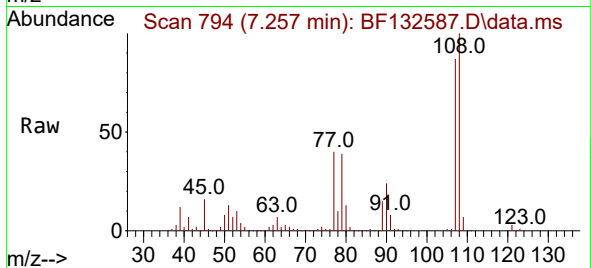




#17
2-Methylphenol
Concen: 38.362 ng
RT: 7.257 min Scan# 794
Delta R.T. 0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

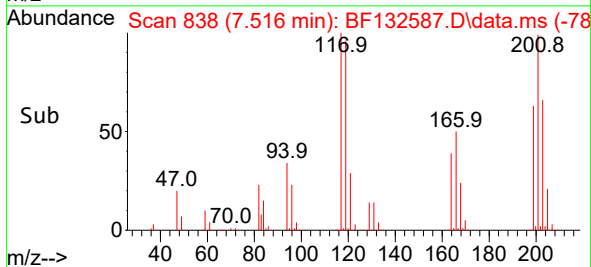
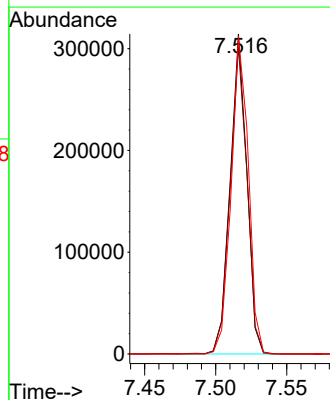
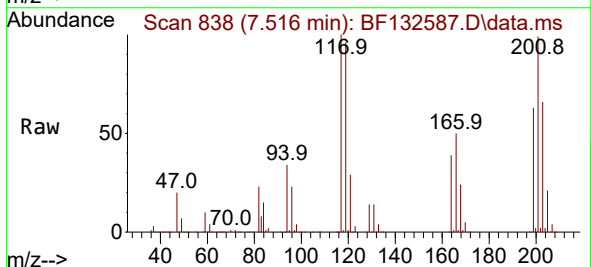
Instrument :
BNA_F
ClientSampleId :
PB151108BSD

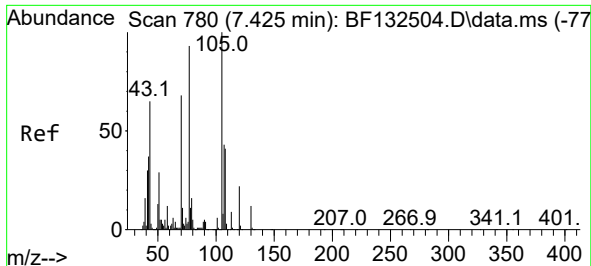
Tgt Ion:	107	Resp:	525051
Ion	Ratio	Lower	Upper
107	100		
108	114.3	93.0	139.4
77	46.3	42.1	63.1
79	44.1	39.6	59.4



#18
Hexachloroethane
Concen: 41.882 ng
RT: 7.516 min Scan# 838
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion:	117	Resp:	257123
Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.0	117.0
201	99.3	79.0	118.4

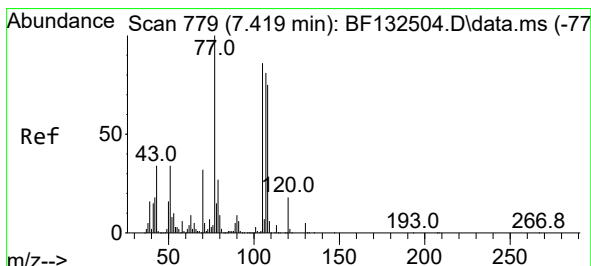
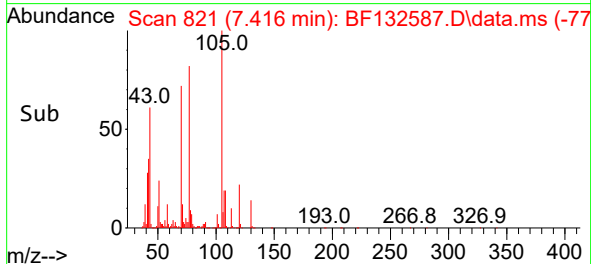
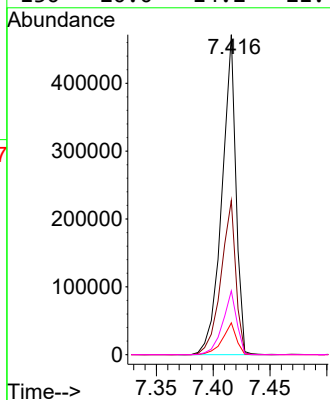
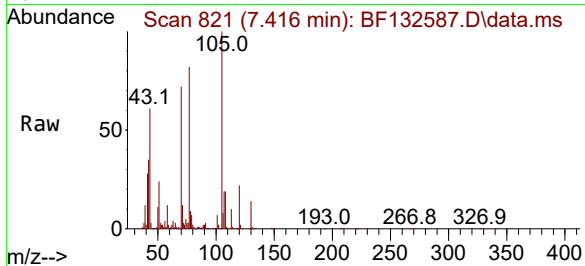




#19
n-Nitroso-di-n-propylamine
Concen: 35.890 ng
RT: 7.416 min Scan# 819
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

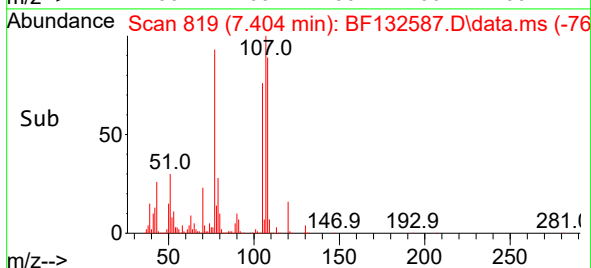
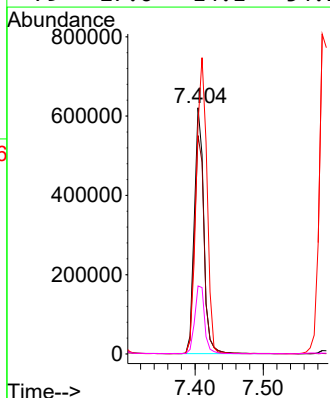
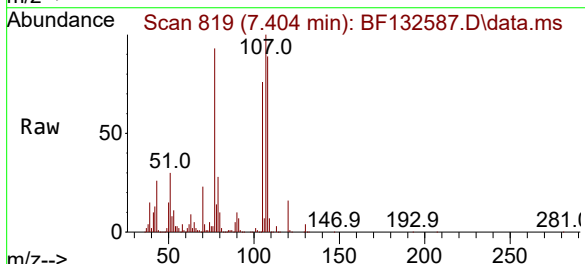
Instrument :
BNA_F
ClientSampleId :
PB151108BSD

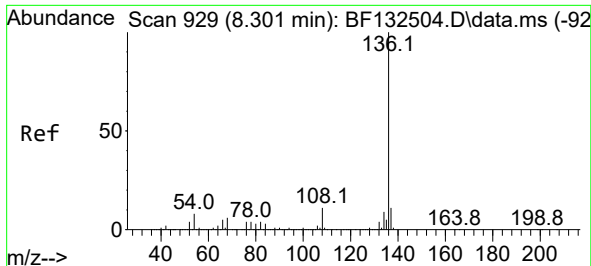
Tgt Ion: 70 Resp: 407333
Ion Ratio Lower Upper
70 100
42 48.2 44.1 66.1
101 10.0 7.4 11.2
130 20.0 14.2 21.4



#20
3+4-Methylphenols
Concen: 33.815 ng
RT: 7.404 min Scan# 819
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion: 107 Resp: 597934
Ion Ratio Lower Upper
107 100
108 88.7 72.6 112.6
77 93.4 104.0 144.0#
79 27.6 14.1 54.1

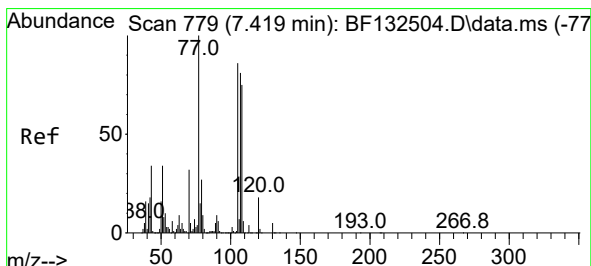
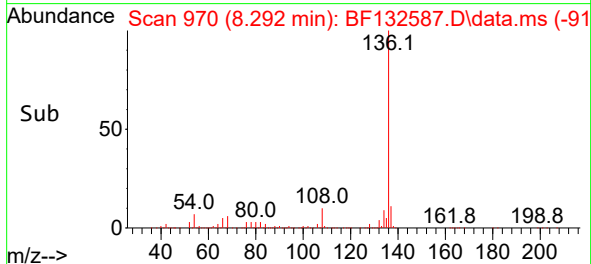
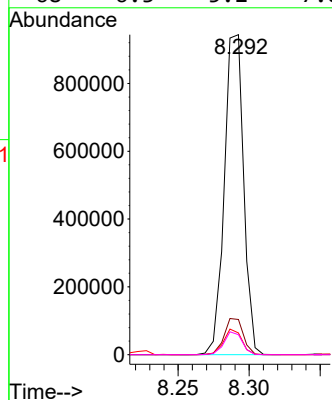
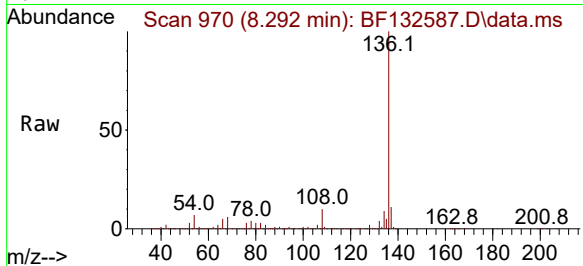




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.292 min Scan# 91
Delta R.T. 0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

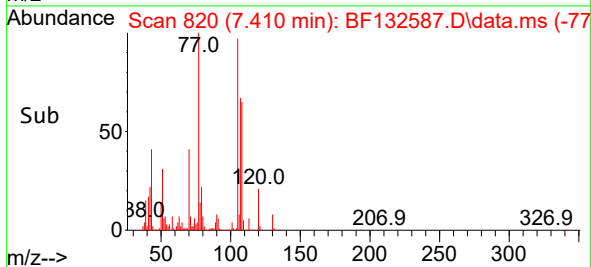
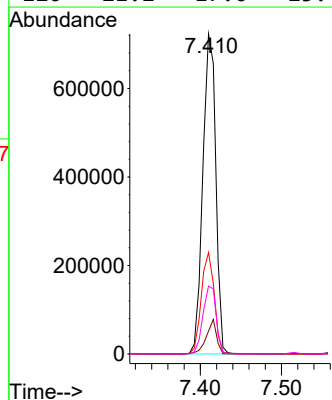
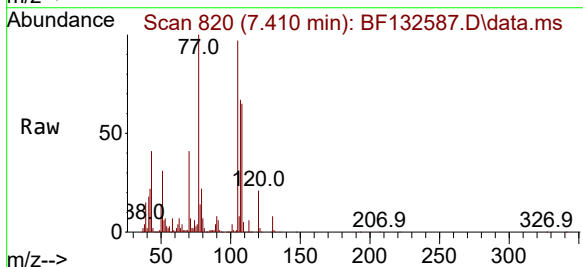
Instrument :
BNA_F
ClientSampleId :
PB151108BSD

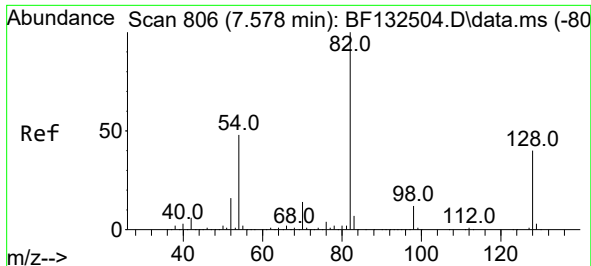
Tgt Ion:136 Resp: 890894
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.8 6.2 9.4
68 6.3 5.2 7.8



#22
Acetophenone
Concen: 35.651 ng
RT: 7.410 min Scan# 820
Delta R.T. -0.009 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion:105 Resp: 800886
Ion Ratio Lower Upper
105 100
71 7.1 5.0 7.4
51 31.7 31.5 47.3
120 21.2 17.0 25.4





#23

Nitrobenzene-d5

Concen: 71.137 ng

RT: 7.569 min Scan# 84

Delta R.T. -0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151108BSD

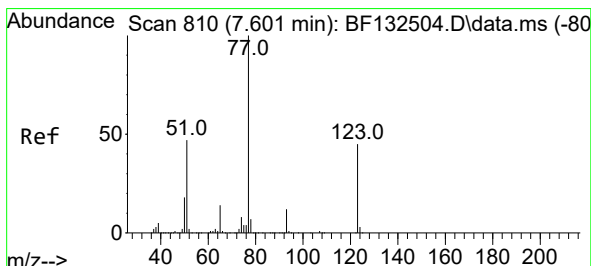
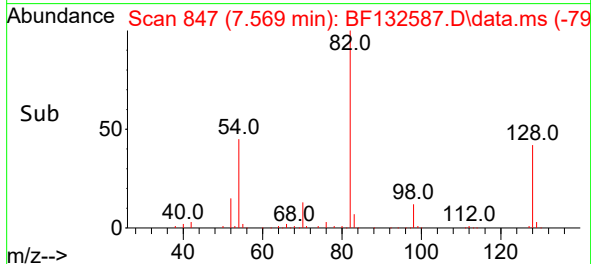
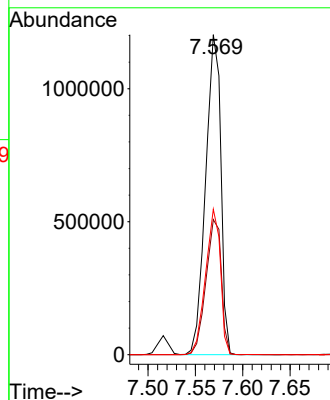
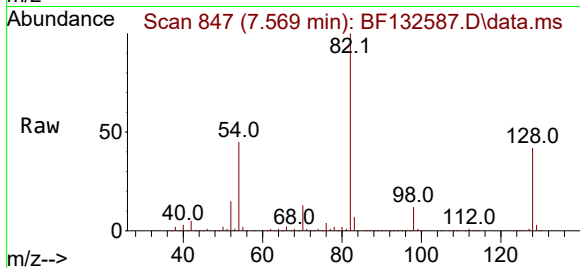
Tgt Ion: 82 Resp: 1335795

Ion Ratio Lower Upper

82 100

128 42.2 32.2 48.2

54 45.5 38.4 57.6



#24

Nitrobenzene

Concen: 35.386 ng

RT: 7.587 min Scan# 850

Delta R.T. -0.009 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

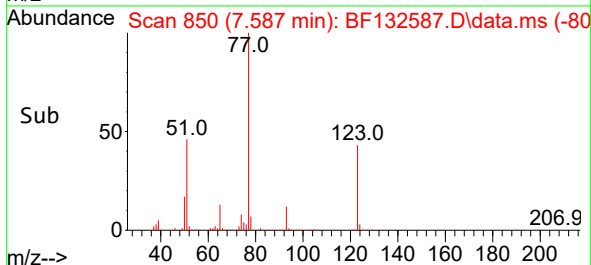
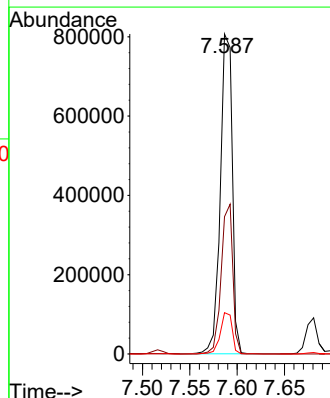
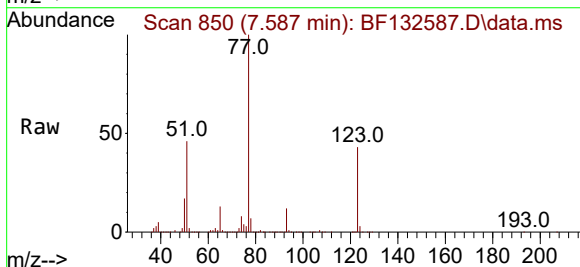
Tgt Ion: 77 Resp: 710630

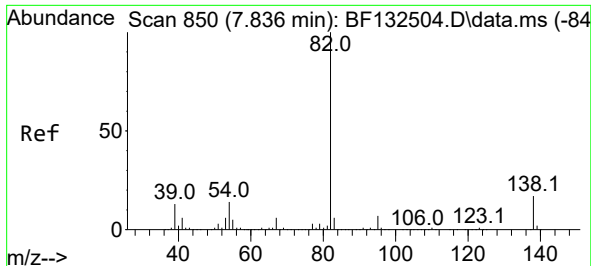
Ion Ratio Lower Upper

77 100

123 42.9 35.8 53.6

65 12.9 10.9 16.3

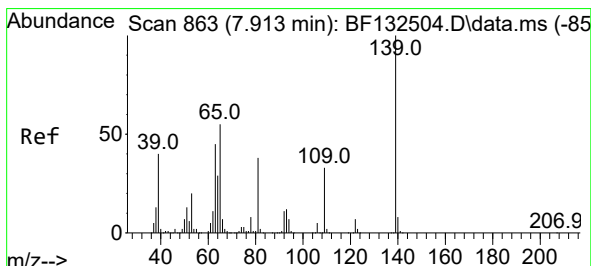
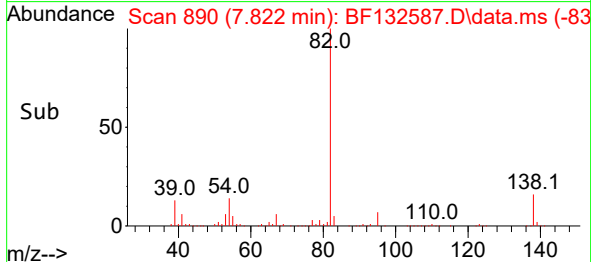
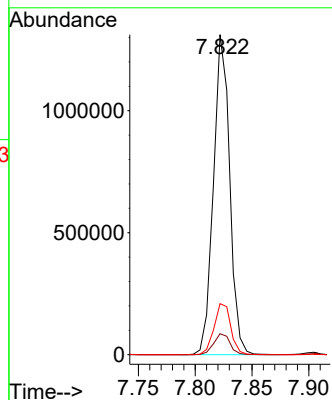
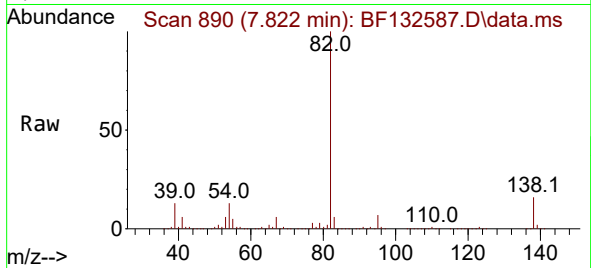




#25
Isophorone
Concen: 36.215 ng
RT: 7.822 min Scan# 890
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

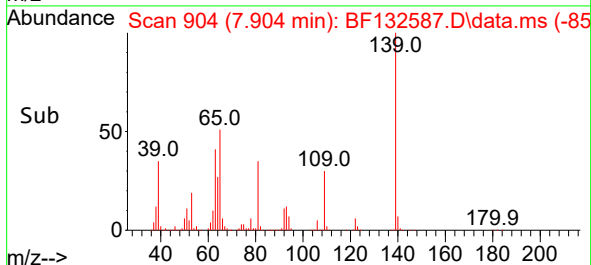
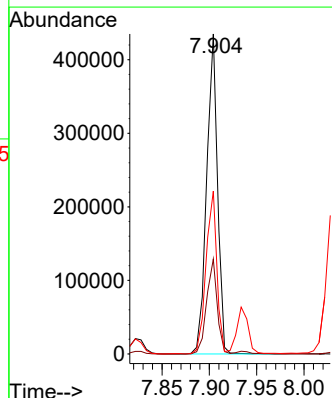
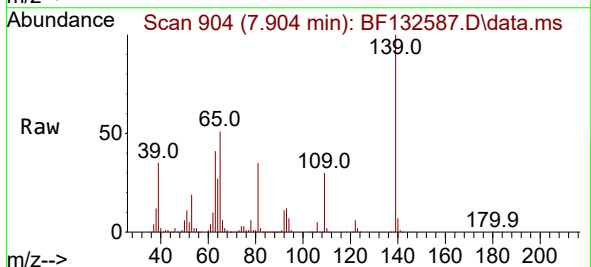
Instrument :
BNA_F
ClientSampleId :
PB151108BSD

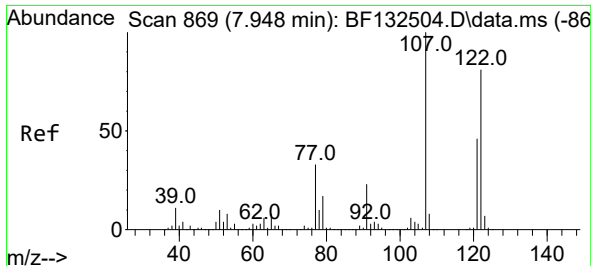
Tgt Ion: 82 Resp: 1303779
Ion Ratio Lower Upper
82 100
95 6.6 5.7 8.5
138 16.0 13.3 19.9



#26
2-Nitrophenol
Concen: 39.146 ng
RT: 7.904 min Scan# 904
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion: 139 Resp: 346865
Ion Ratio Lower Upper
139 100
109 29.7 26.2 39.2
65 50.9 43.8 65.8

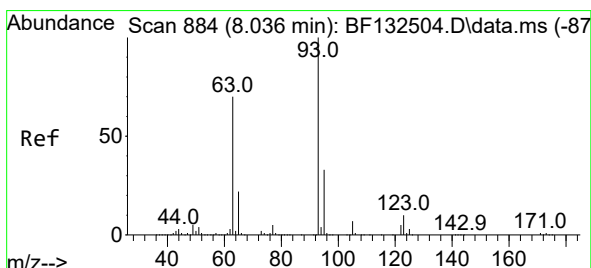
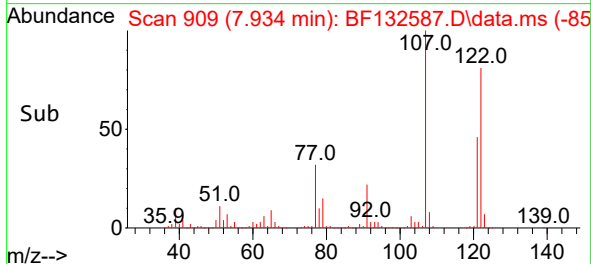
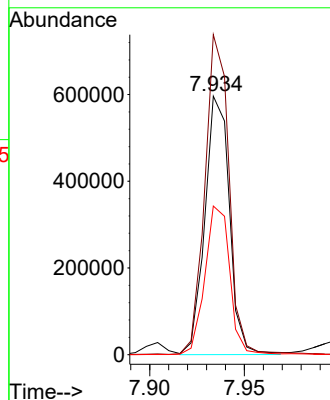
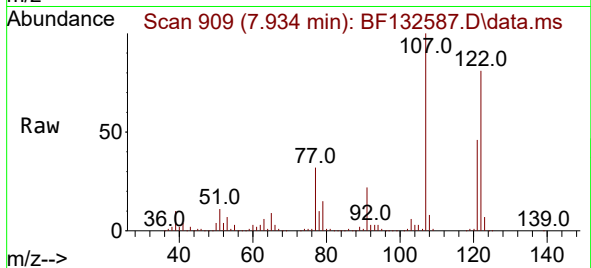




#27
2,4-Dimethylphenol
Concen: 38.423 ng
RT: 7.934 min Scan# 90
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

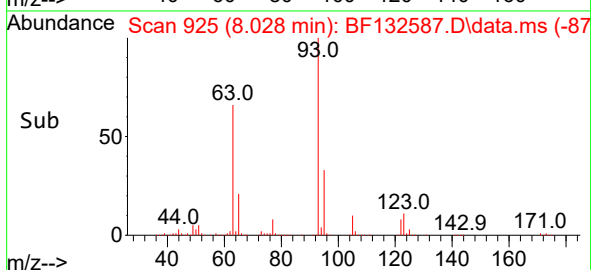
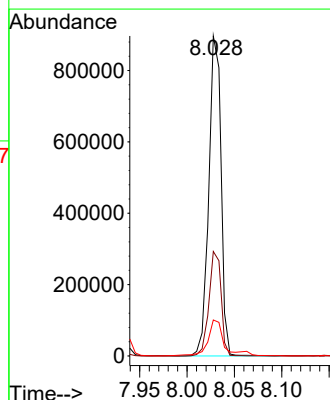
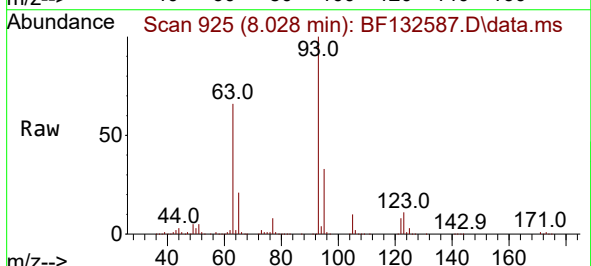
Instrument :
BNA_F
ClientSampleId :
PB151108BSD

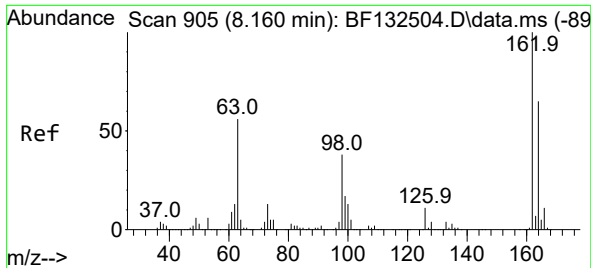
Tgt Ion:122 Resp: 537330
Ion Ratio Lower Upper
122 100
107 123.8 98.7 148.1
121 57.5 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 38.190 ng
RT: 8.028 min Scan# 925
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion: 93 Resp: 804293
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 11.2 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 38.372 ng

RT: 8.145 min Scan# 945

Delta R.T. -0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151108BSD

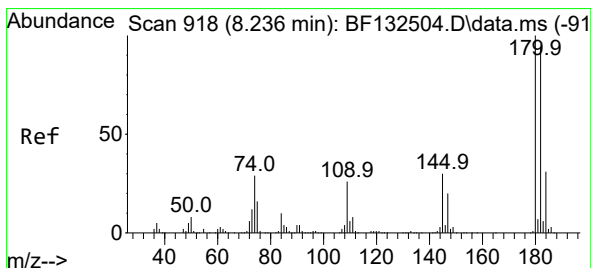
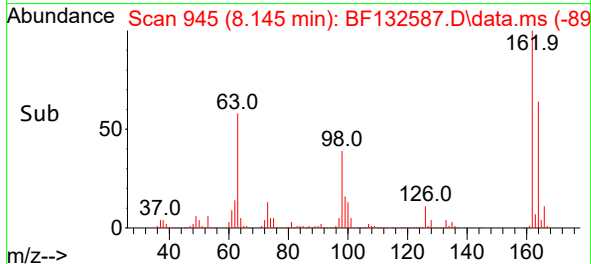
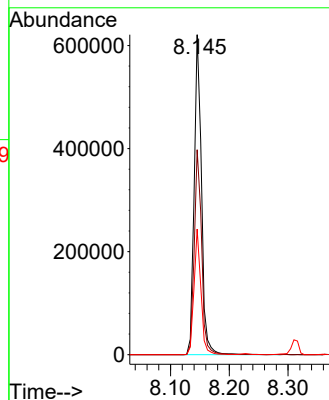
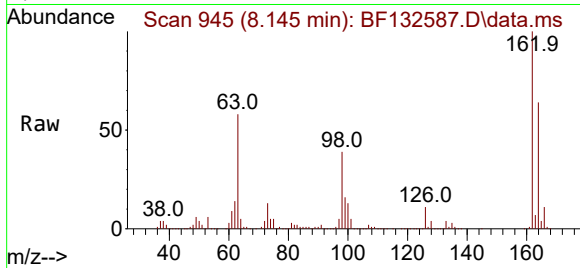
Tgt Ion:162 Resp: 533807

Ion Ratio Lower Upper

162 100

164 64.0 45.3 85.3

98 39.3 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 38.377 ng

RT: 8.228 min Scan# 959

Delta R.T. -0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

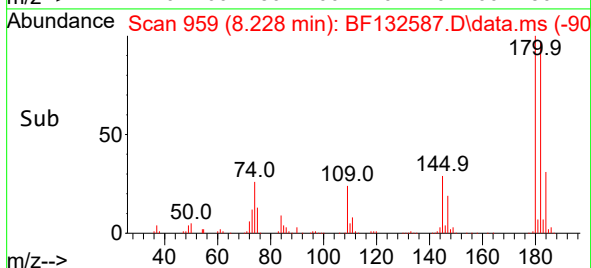
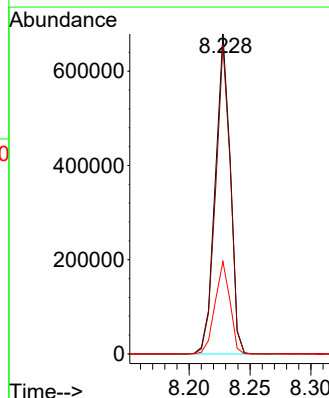
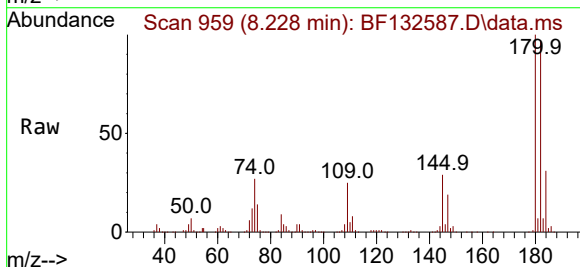
Tgt Ion:180 Resp: 579712

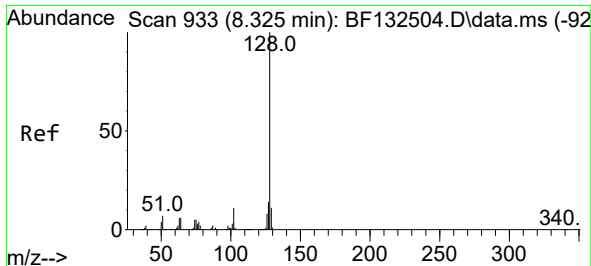
Ion Ratio Lower Upper

180 100

182 96.8 75.1 112.7

145 28.9 23.8 35.6

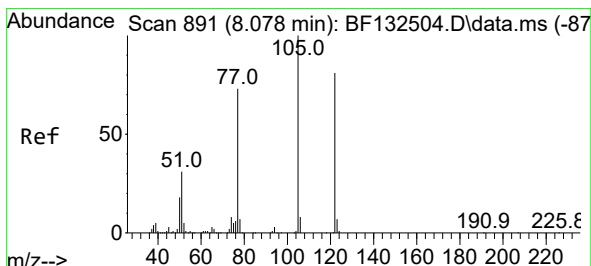
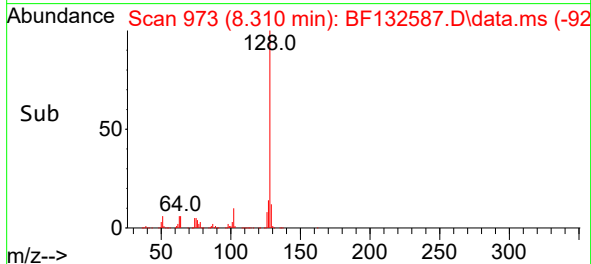
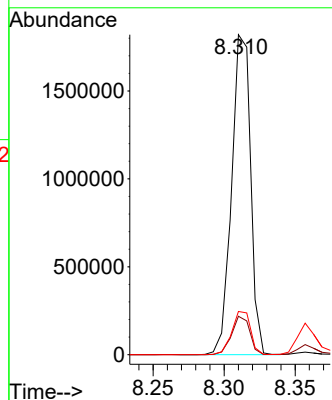
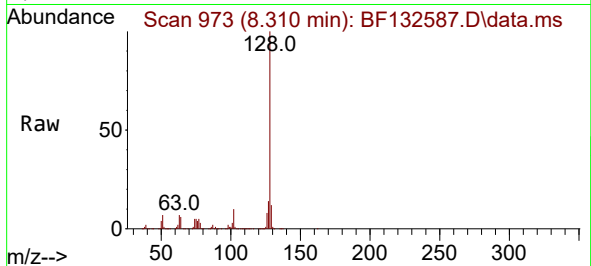




#31
Naphthalene
Concen: 37.162 ng
RT: 8.310 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

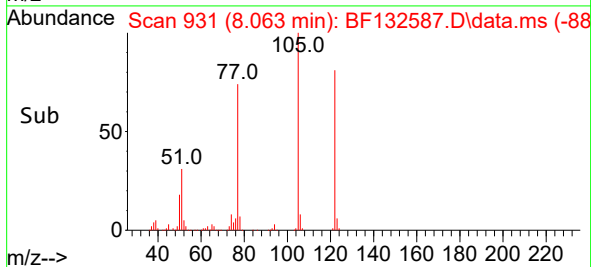
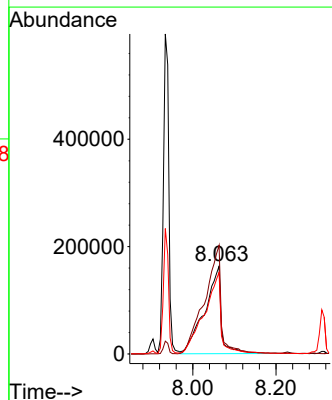
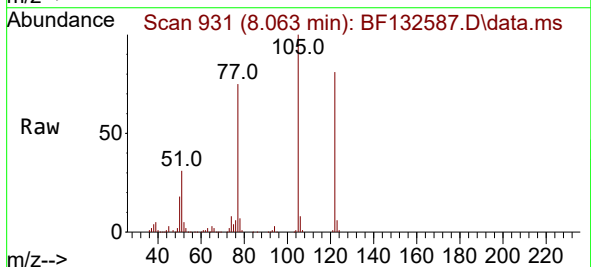
Instrument :
BNA_F
ClientSampleId :
PB151108BSD

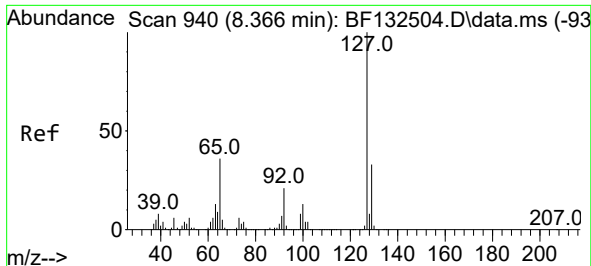
Tgt Ion:128 Resp: 1694902
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 13.5 11.0 16.6



#32
Benzoic acid
Concen: 41.964 ng
RT: 8.063 min Scan# 931
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion:122 Resp: 456676
Ion Ratio Lower Upper
122 100
105 124.1 102.6 142.6
77 93.1 70.2 110.2

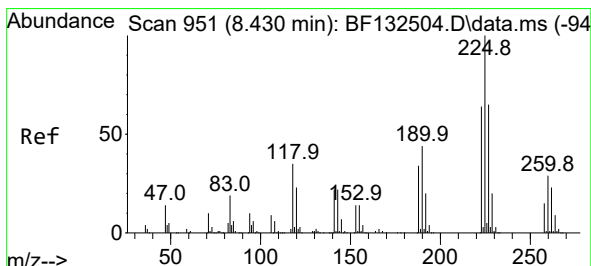
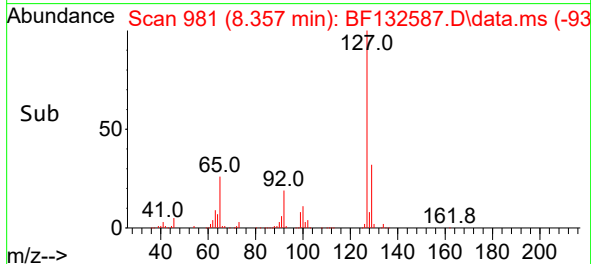
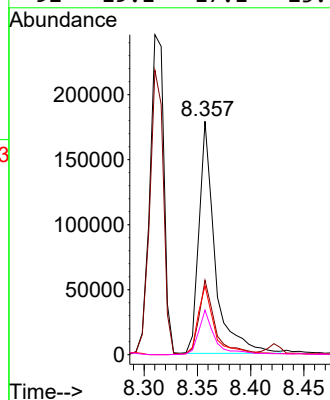
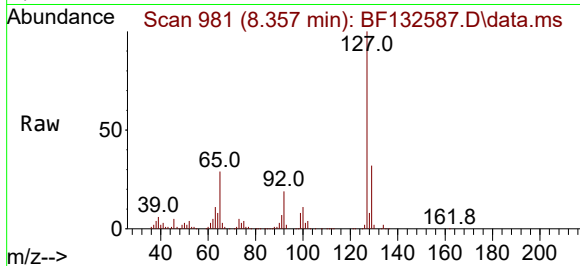




#33
4-Chloroaniline
Concen: 9.565 ng
RT: 8.357 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

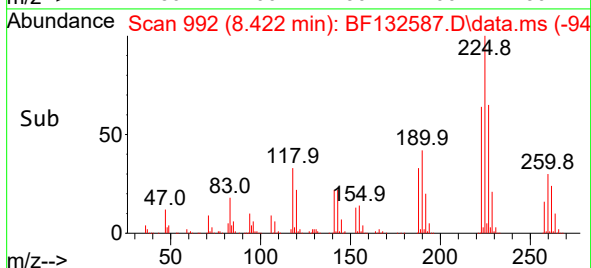
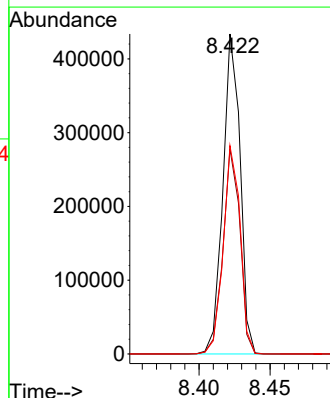
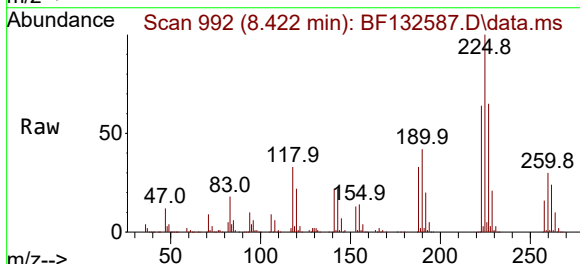
Instrument :
BNA_F
ClientSampleId :
PB151108BSD

Tgt Ion:	127	Resp:	186942
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.4	39.6
65	29.5	28.8	43.2
92	19.1	17.1	25.7



#34
Hexachlorobutadiene
Concen: 37.869 ng
RT: 8.422 min Scan# 992
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion:	225	Resp:	363506
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.0	76.4
227	65.1	51.7	77.5

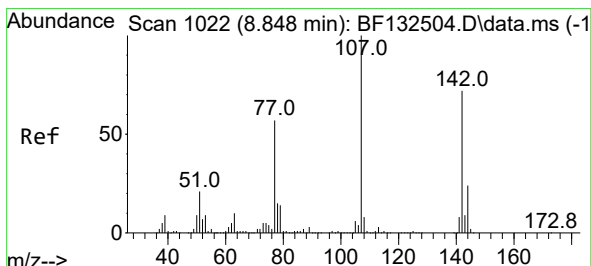
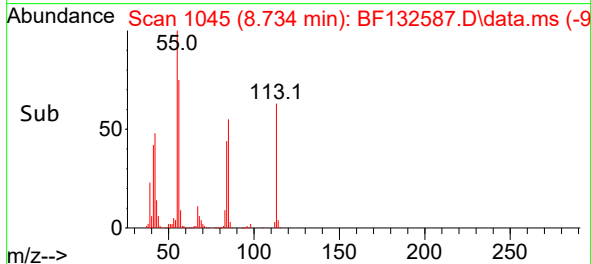
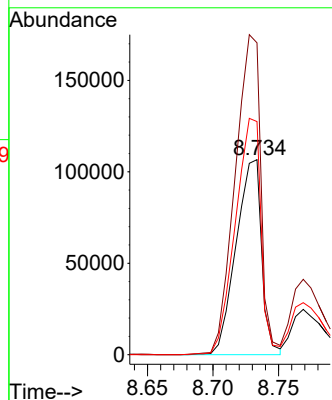
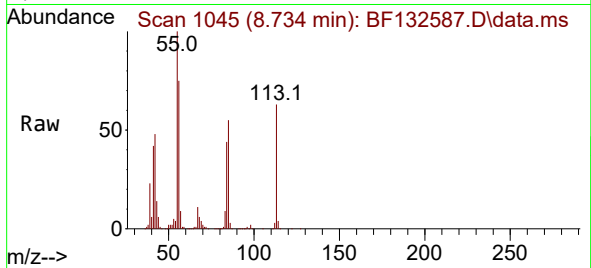




#35
Caprolactam
Concen: 31.461 ng
RT: 8.734 min Scan# 1063
Delta R.T. -0.009 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

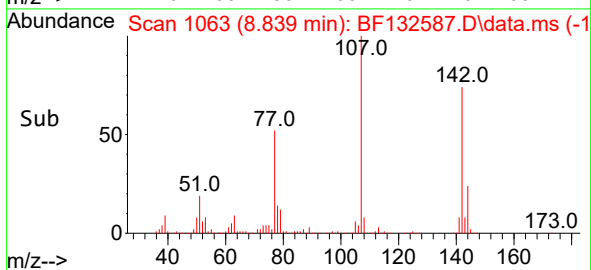
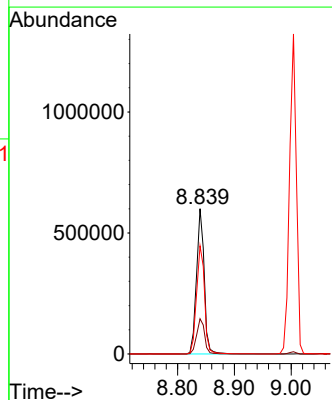
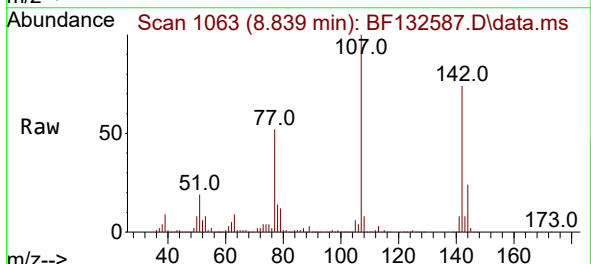
Instrument :
BNA_F
ClientSampleId :
PB151108BSD

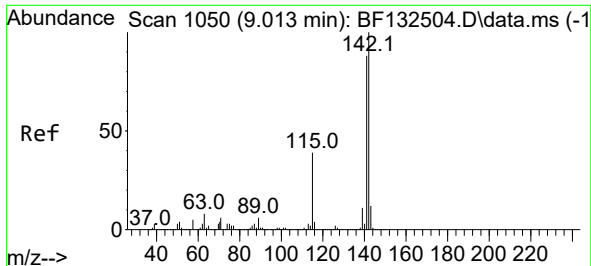
Tgt Ion:113 Resp: 144289
Ion Ratio Lower Upper
113 100
55 160.0 149.4 189.4
56 119.5 105.0 145.0



#36
4-Chloro-3-methylphenol
Concen: 37.303 ng
RT: 8.839 min Scan# 1063
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion:107 Resp: 569894
Ion Ratio Lower Upper
107 100
144 24.2 18.9 28.3
142 74.5 57.9 86.9





#37

2-Methylnaphthalene

Concen: 35.790 ng

RT: 9.004 min Scan# 1108

Delta R.T. -0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

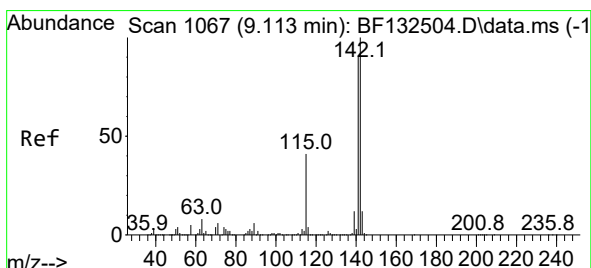
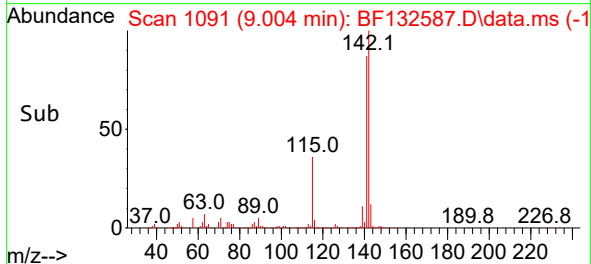
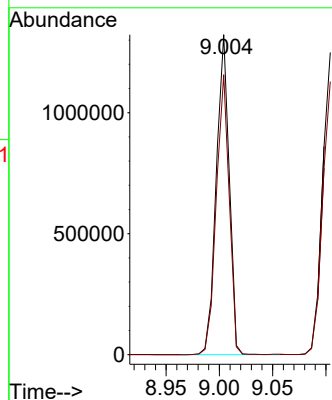
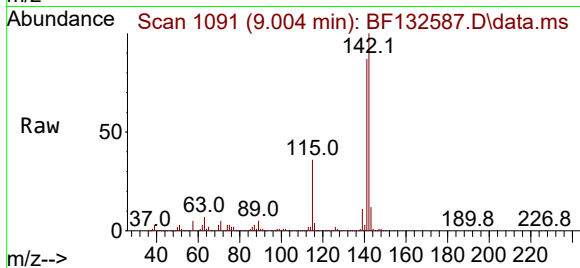
PB151108BSD

Tgt Ion:142 Resp: 1112408

Ion Ratio Lower Upper

142 100

141 87.5 70.2 105.2



#38

1-Methylnaphthalene

Concen: 36.138 ng

RT: 9.104 min Scan# 1108

Delta R.T. -0.003 min

Lab File: BF132587.D

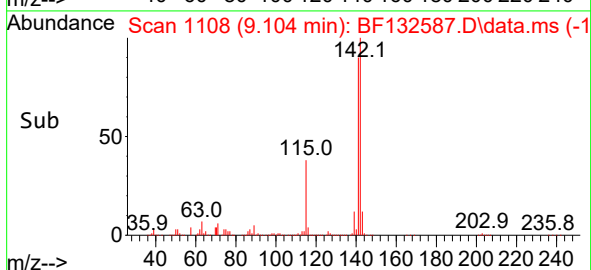
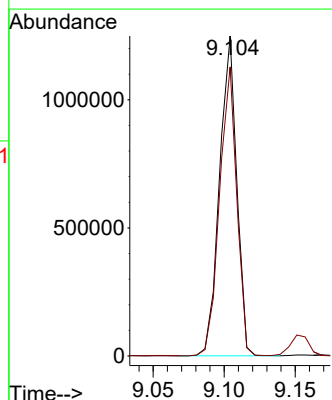
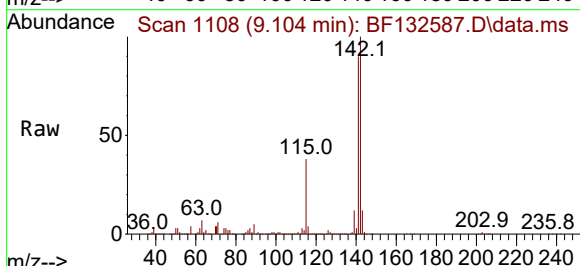
Acq: 01 Mar 2023 12:57

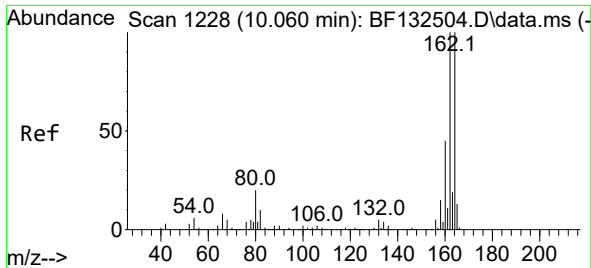
Tgt Ion:142 Resp: 1049709

Ion Ratio Lower Upper

142 100

141 90.4 73.0 109.6

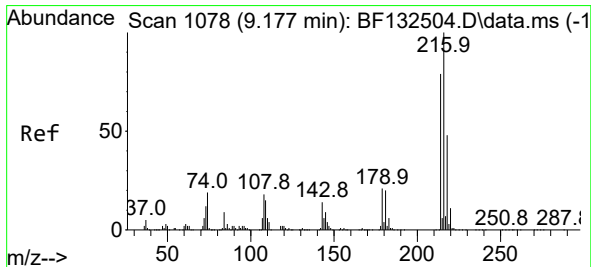
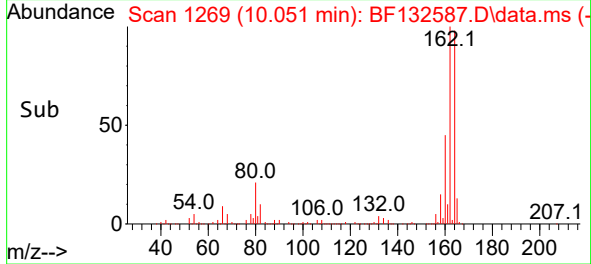
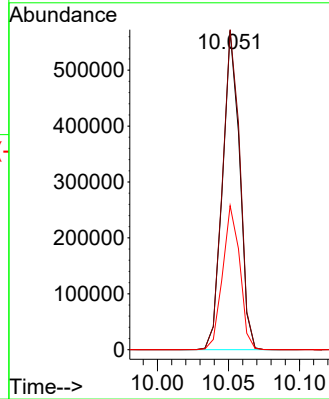
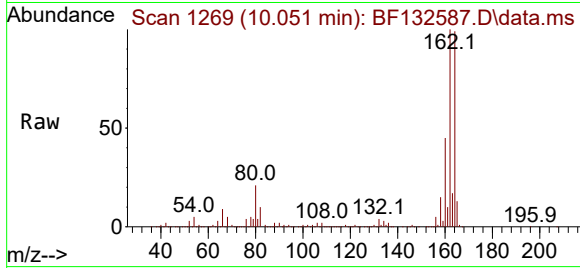




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 1119
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

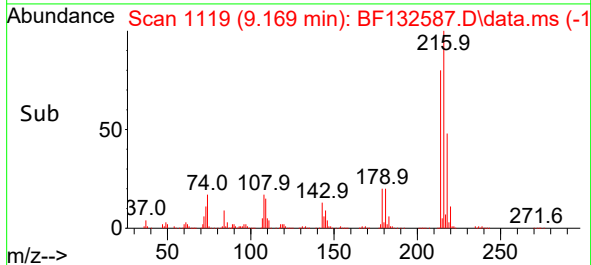
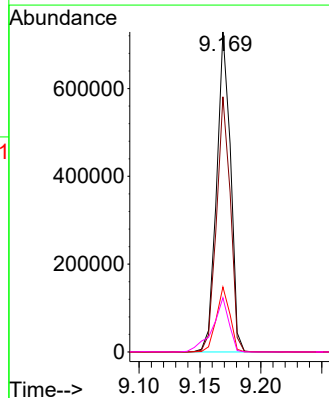
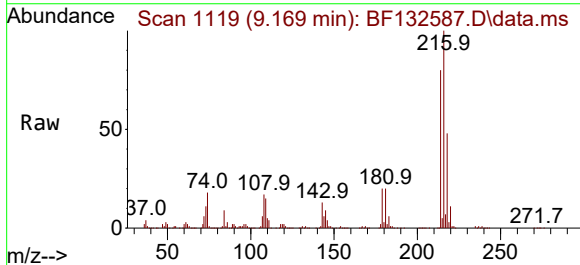
Instrument :
BNA_F
ClientSampleId :
PB151108BSD

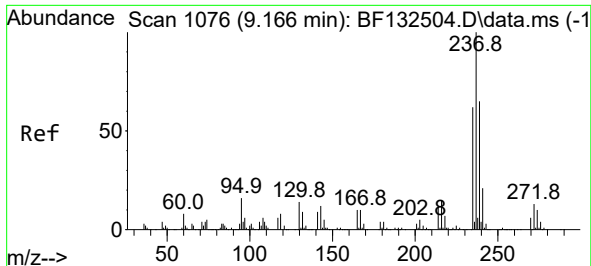
Tgt Ion:164 Resp: 473835
Ion Ratio Lower Upper
164 100
162 100.5 79.8 119.8
160 45.2 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.269 ng
RT: 9.169 min Scan# 1119
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

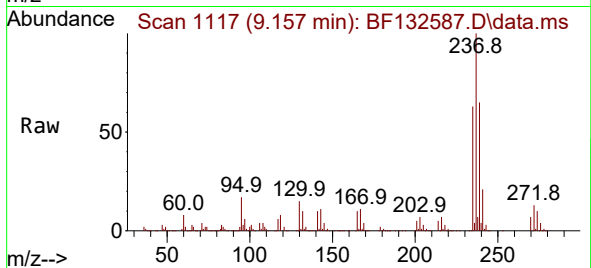
Tgt Ion:216 Resp: 577767
Ion Ratio Lower Upper
216 100
214 79.2 63.0 94.6
179 19.8 16.6 24.8
108 19.9 15.4 23.0



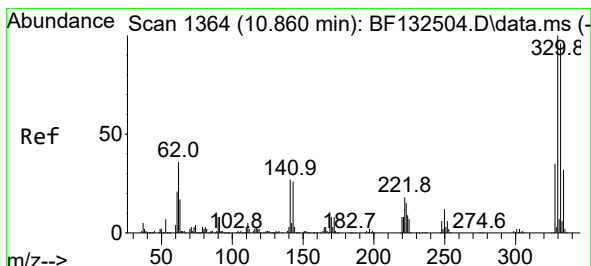
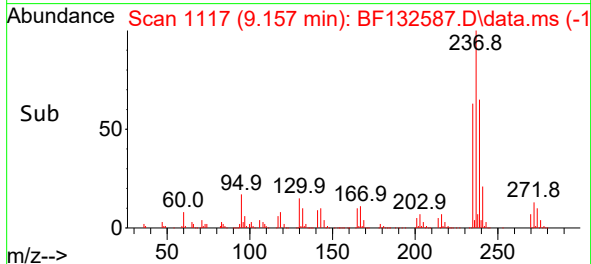
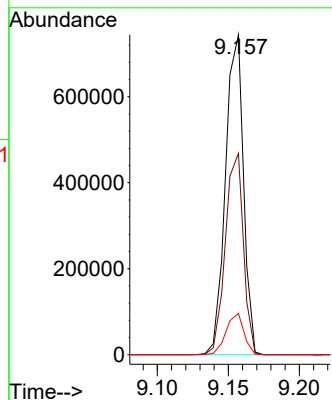


#41
Hexachlorocyclopentadiene
Concen: 77.825 ng
RT: 9.157 min Scan# 1117
Delta R.T. 0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Instrument :
BNA_F
ClientSampleId :
PB151108BSD

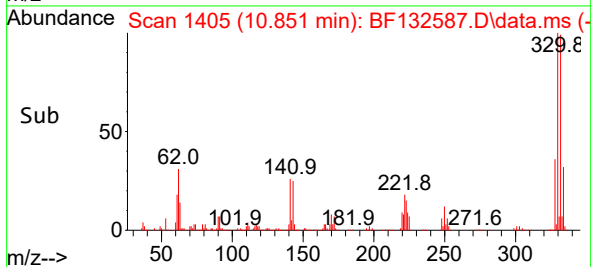
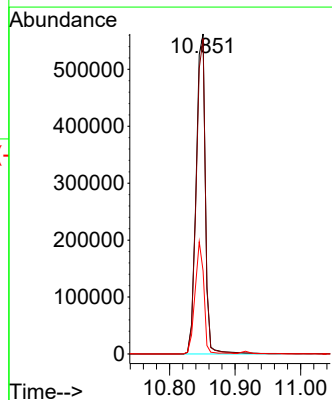
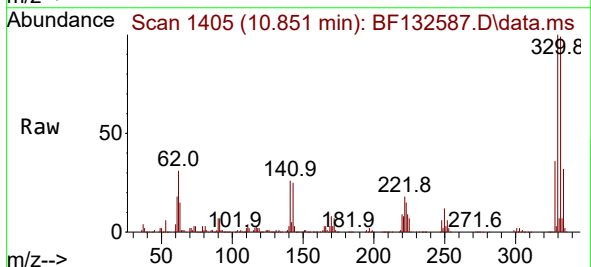


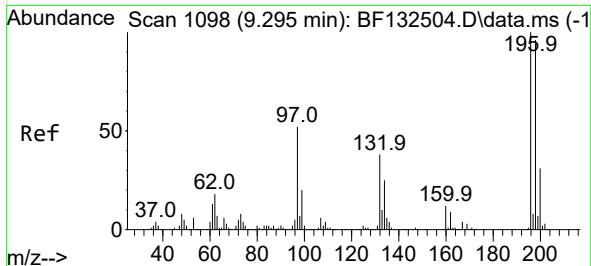
Tgt Ion:237 Resp: 654396
Ion Ratio Lower Upper
237 100
235 62.9 42.4 82.4
272 12.9 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 107.562 ng
RT: 10.851 min Scan# 1405
Delta R.T. 0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion:330 Resp: 550416
Ion Ratio Lower Upper
330 100
332 97.4 76.2 114.4
141 33.5 28.4 42.6





#43

2,4,6-Trichlorophenol

Concen: 37.411 ng

RT: 9.281 min Scan# 1118

Delta R.T. -0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151108BSD

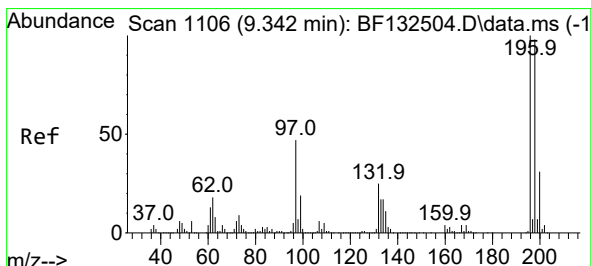
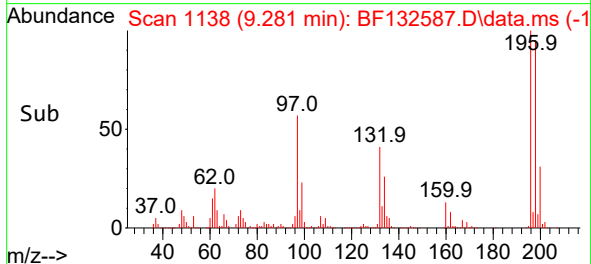
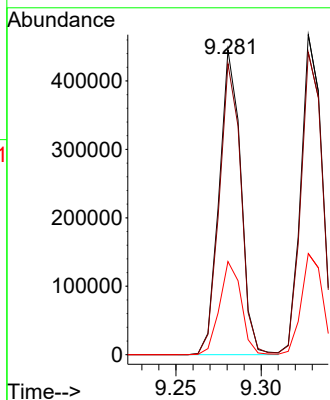
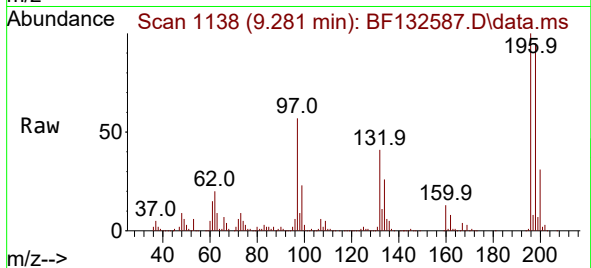
Tgt Ion:196 Resp: 393049

Ion Ratio Lower Upper

196 100

198 95.5 77.1 115.7

200 30.5 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 33.828 ng

RT: 9.328 min Scan# 1146

Delta R.T. 0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

Tgt Ion:196 Resp: 414808

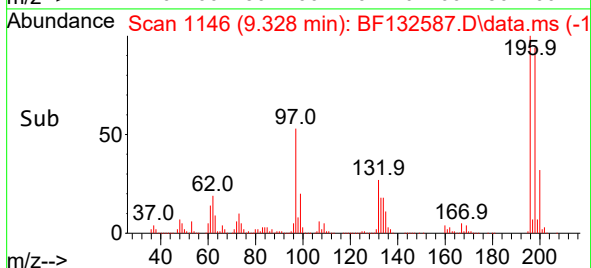
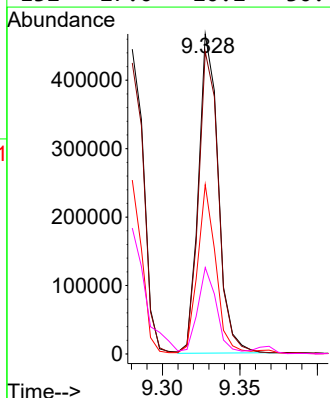
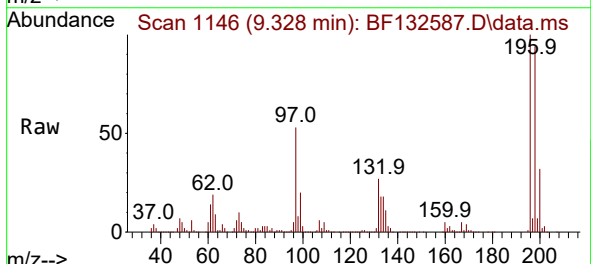
Ion Ratio Lower Upper

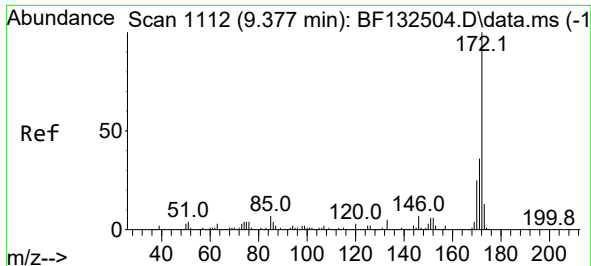
196 100

198 94.5 78.3 117.5

97 52.9 38.1 57.1

132 27.0 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 65.898 ng

RT: 9.369 min Scan# 1112

Delta R.T. -0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151108BSD

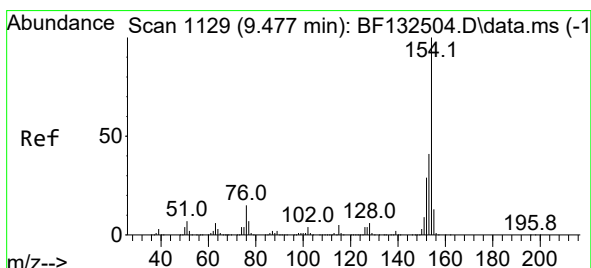
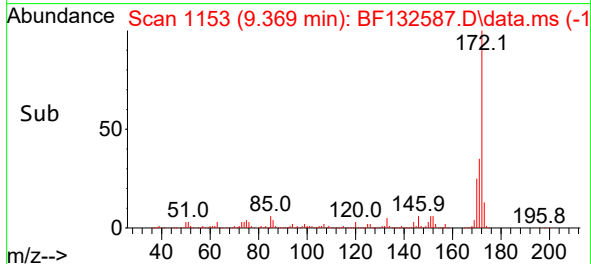
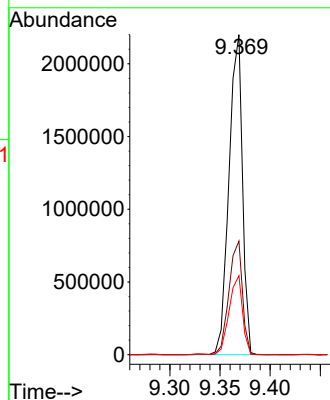
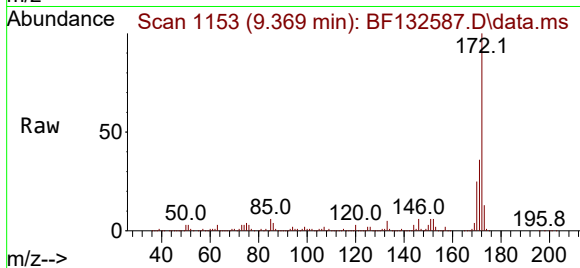
Tgt Ion:172 Resp: 2050683

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 24.7 19.7 29.5



#46

1,1'-Biphenyl

Concen: 37.218 ng

RT: 9.469 min Scan# 1170

Delta R.T. -0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

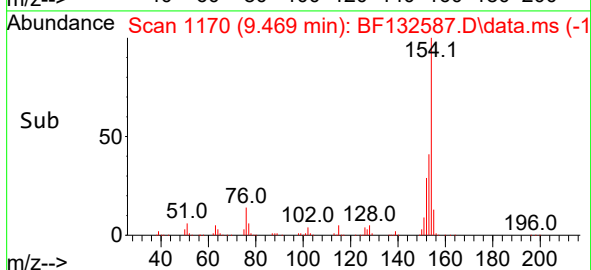
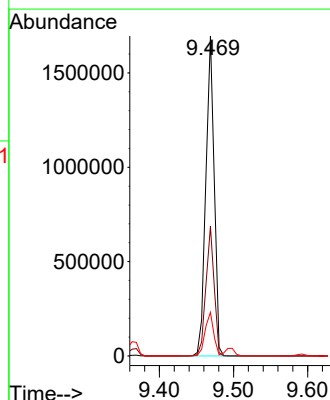
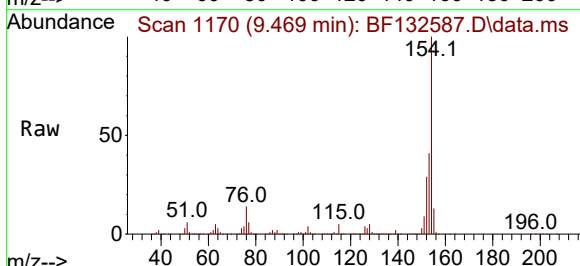
Tgt Ion:154 Resp: 1334787

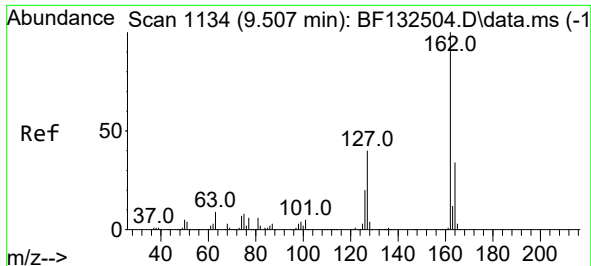
Ion Ratio Lower Upper

154 100

153 40.5 20.9 60.9

76 13.7 0.0 34.7





#47

2-Chloronaphthalene

Concen: 37.704 ng

RT: 9.498 min Scan# 1117

Delta R.T. -0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151108BSD

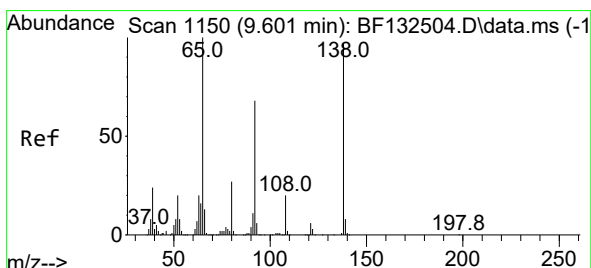
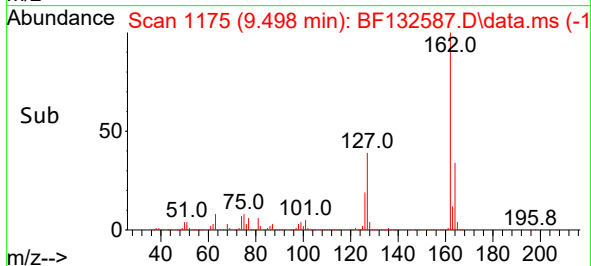
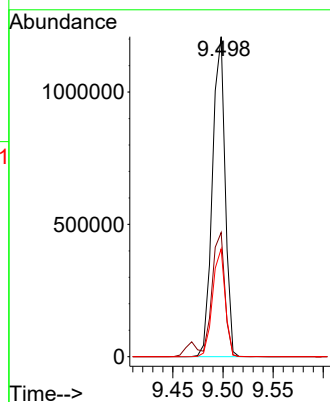
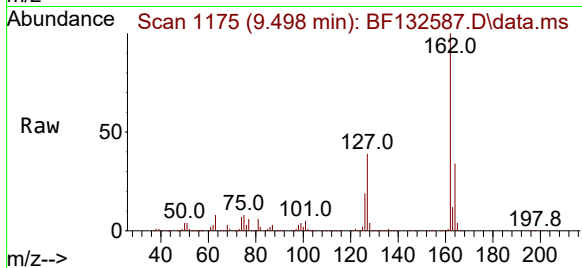
Tgt Ion:162 Resp: 1072103

Ion Ratio Lower Upper

162 100

127 38.8 32.3 48.5

164 33.7 26.9 40.3



#48

2-Nitroaniline

Concen: 33.864 ng

RT: 9.592 min Scan# 1191

Delta R.T. -0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

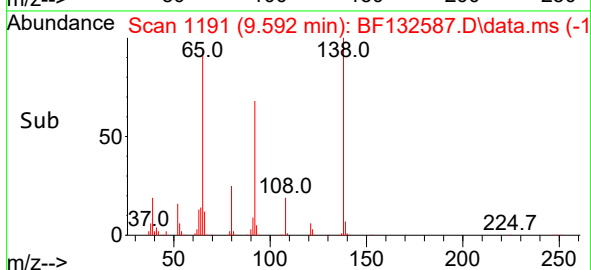
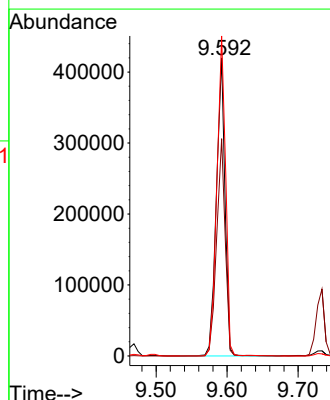
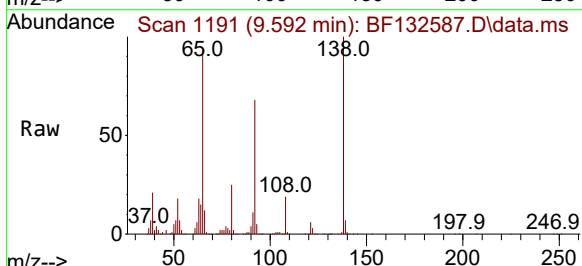
Tgt Ion: 65 Resp: 354639

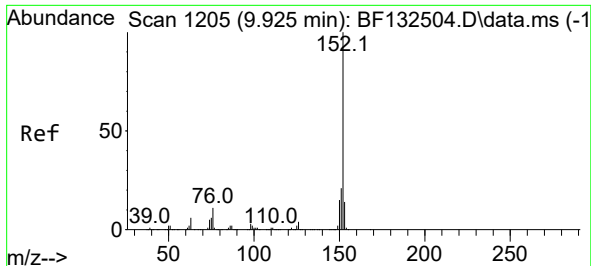
Ion Ratio Lower Upper

65 100

92 72.9 54.5 81.7

138 107.4 77.2 115.8

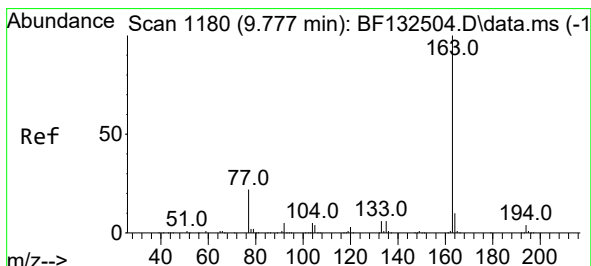
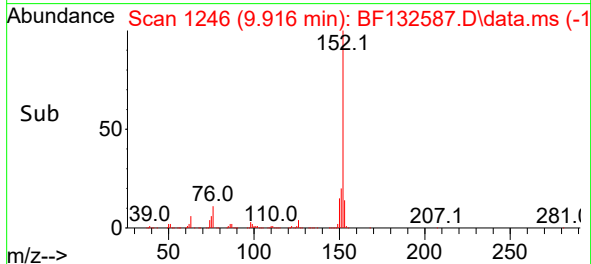
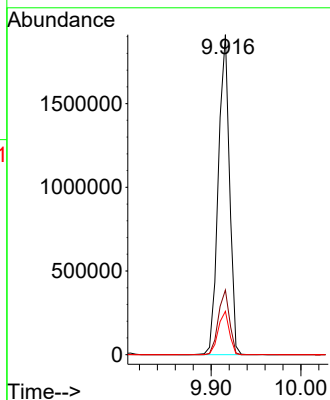
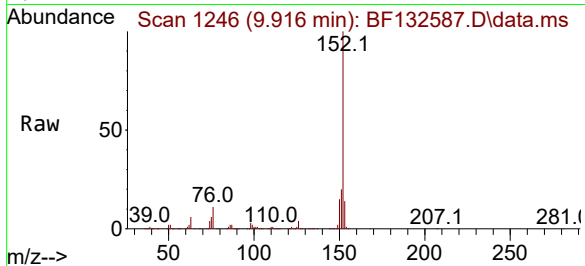




#49
Acenaphthylene
Concen: 36.574 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

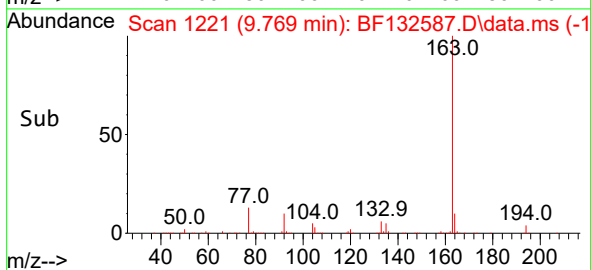
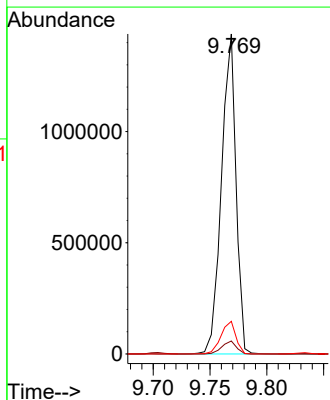
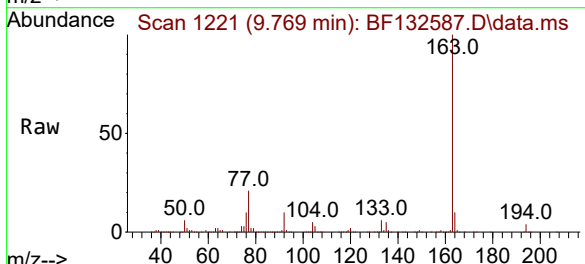
Instrument :
BNA_F
ClientSampleId :
PB151108BSD

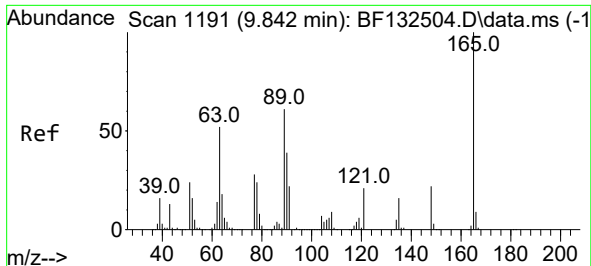
Tgt Ion:152 Resp: 1655115
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.6 11.0 16.6



#50
Dimethylphthalate
Concen: 37.235 ng
RT: 9.769 min Scan# 1221
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion:163 Resp: 1284637
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.2 8.3 12.5

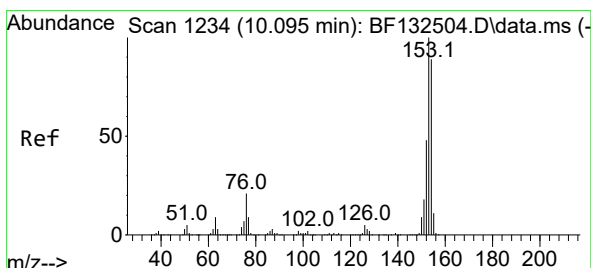
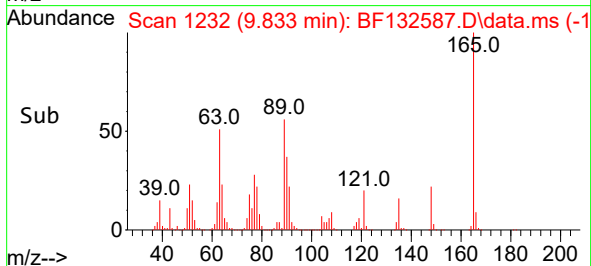
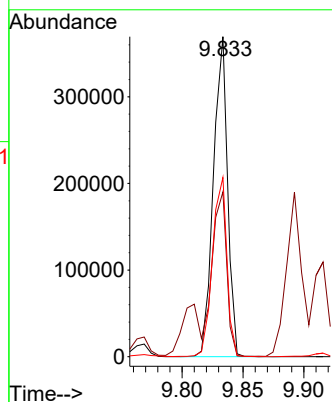
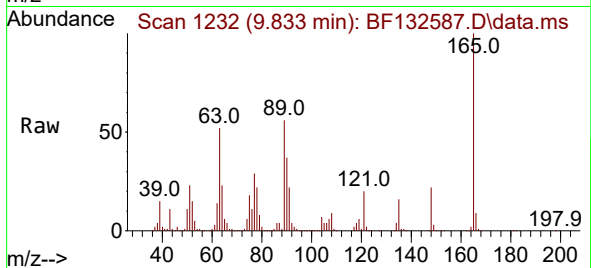




#51
2,6-Dinitrotoluene
Concen: 37.951 ng
RT: 9.833 min Scan# 1191
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

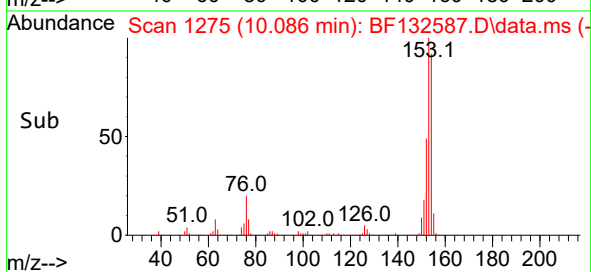
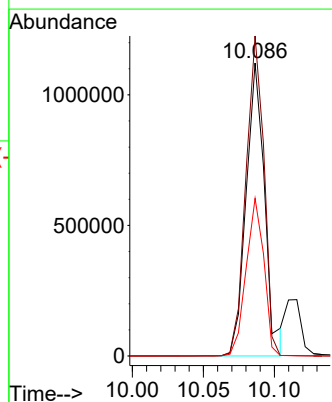
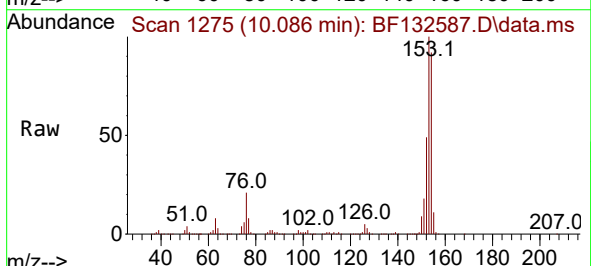
Instrument :
BNA_F
ClientSampleId :
PB151108BSD

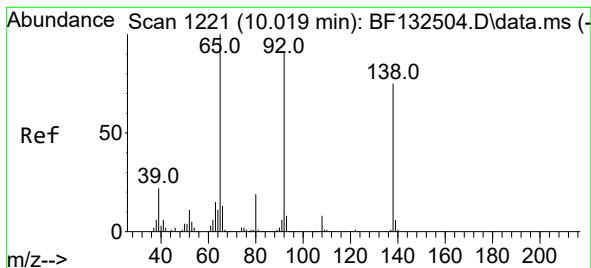
Tgt Ion:165 Resp: 298194
Ion Ratio Lower Upper
165 100
63 51.5 47.3 70.9
89 56.0 48.9 73.3



#52
Acenaphthene
Concen: 35.378 ng
RT: 10.086 min Scan# 1275
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion:154 Resp: 1016627
Ion Ratio Lower Upper
154 100
153 109.2 89.8 134.8
152 53.8 43.3 64.9

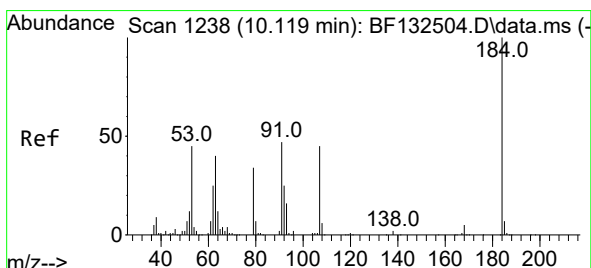
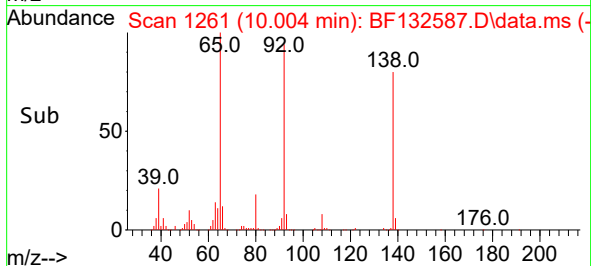
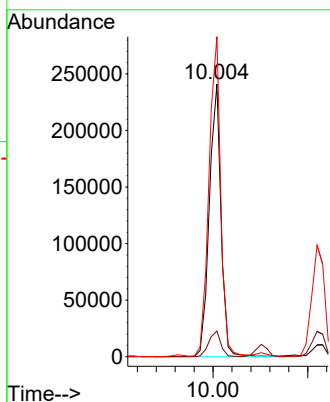
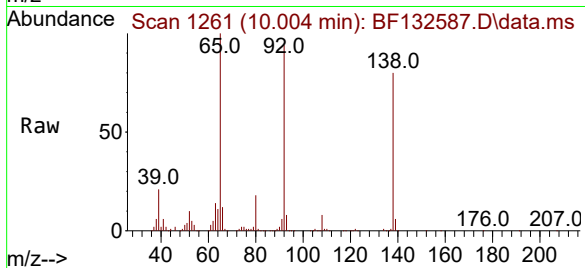




#53
3-Nitroaniline
Concen: 23.347 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

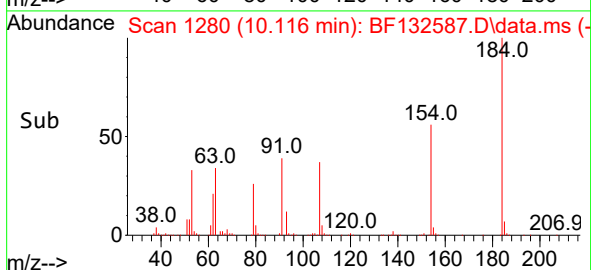
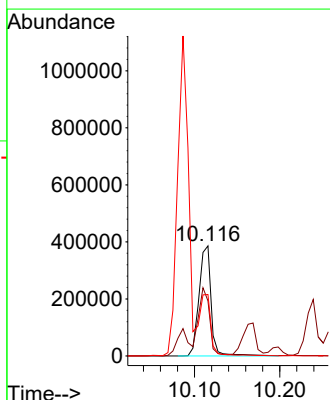
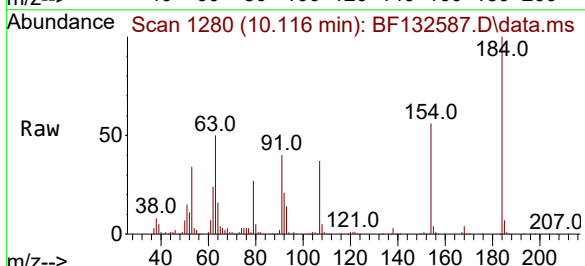
Instrument :
BNA_F
ClientSampleId :
PB151108BSD

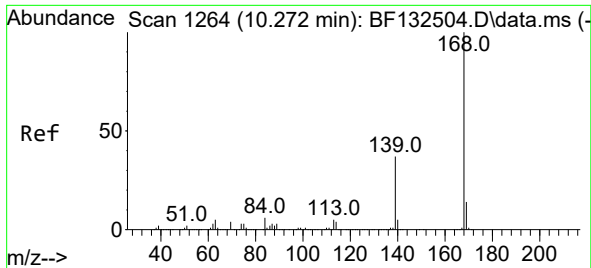
Tgt Ion:138 Resp: 205202
Ion Ratio Lower Upper
138 100
108 9.4 8.1 12.1
92 117.4 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 77.376 ng
RT: 10.116 min Scan# 1280
Delta R.T. 0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion:184 Resp: 382810
Ion Ratio Lower Upper
184 100
63 50.0 51.4 77.2#
154 55.8 48.3 72.5

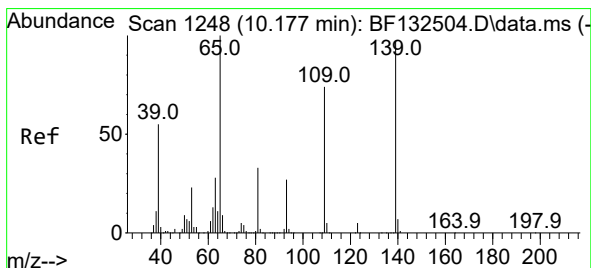
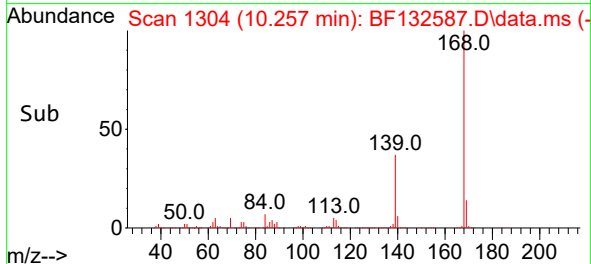
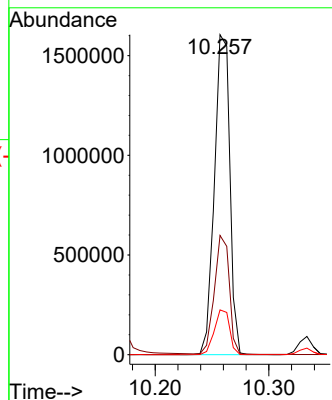
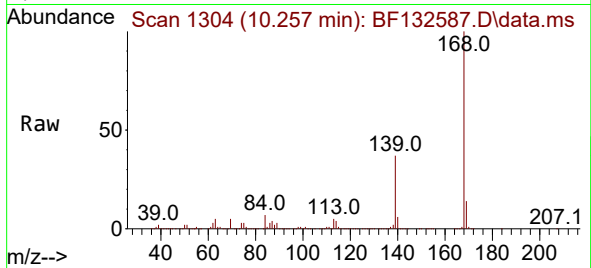




#55
Dibenzofuran
Concen: 36.163 ng
RT: 10.257 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

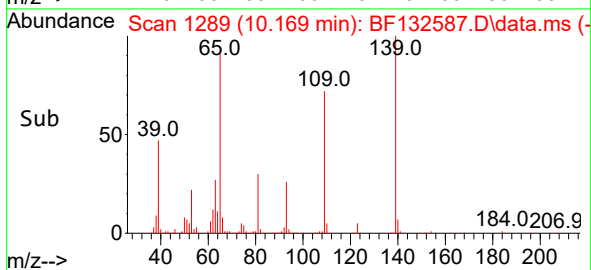
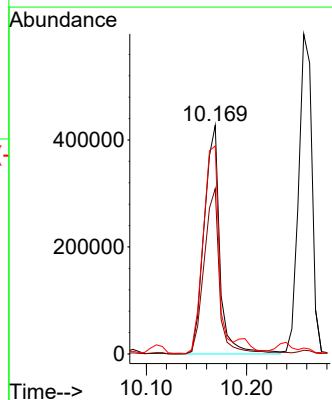
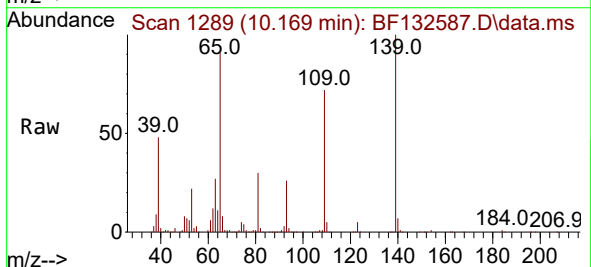
Instrument :
BNA_F
ClientSampleId :
PB151108BSD

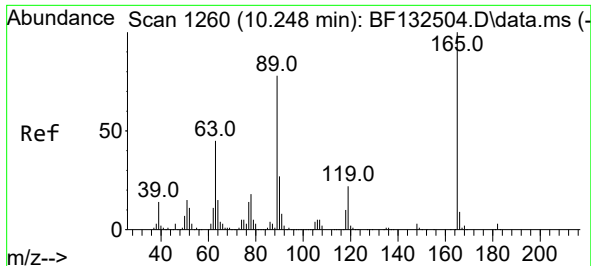
Tgt Ion:168 Resp: 1514946
Ion Ratio Lower Upper
168 100
139 37.3 29.8 44.6
169 14.0 10.9 16.3



#56
4-Nitrophenol
Concen: 71.292 ng
RT: 10.169 min Scan# 1289
Delta R.T. 0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion:139 Resp: 467302
Ion Ratio Lower Upper
139 100
109 72.3 56.7 96.7
65 91.0 83.5 123.5





#57

2,4-Dinitrotoluene

Concen: 38.349 ng

RT: 10.239 min Scan# 11

Delta R.T. -0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151108BSD

Tgt Ion:165 Resp: 400865

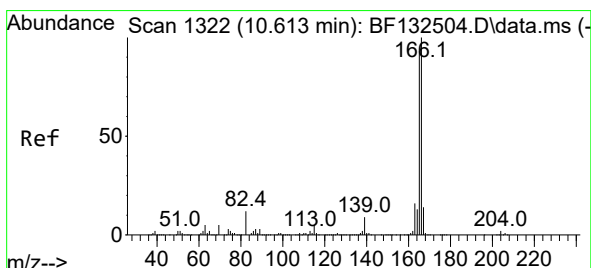
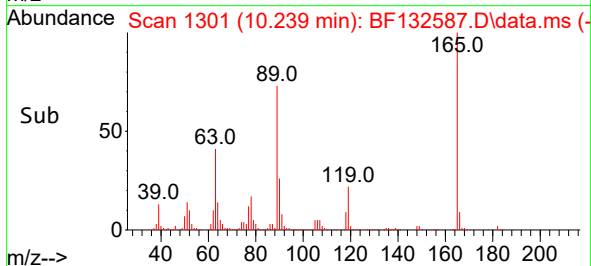
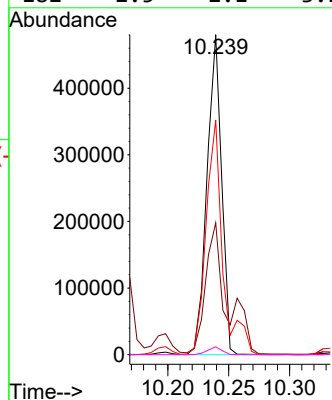
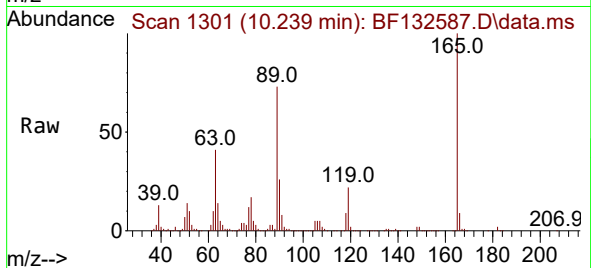
Ion Ratio Lower Upper

165 100

63 41.2 36.5 54.7

89 73.3 62.4 93.6

182 2.5 2.1 3.1



#58

Fluorene

Concen: 36.540 ng

RT: 10.604 min Scan# 1363

Delta R.T. -0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

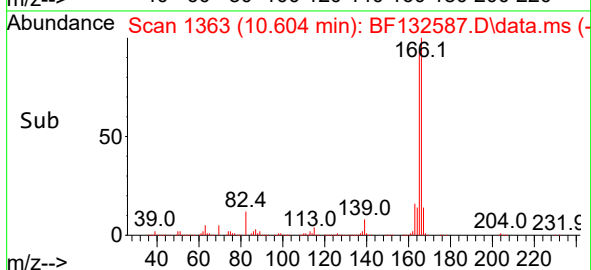
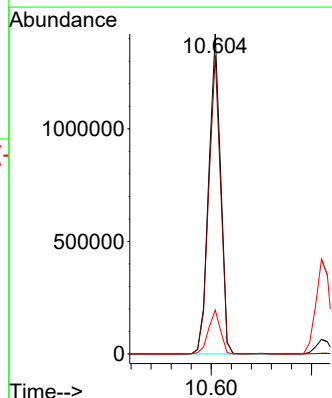
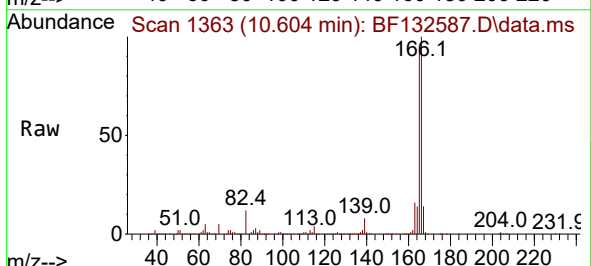
Tgt Ion:166 Resp: 1170860

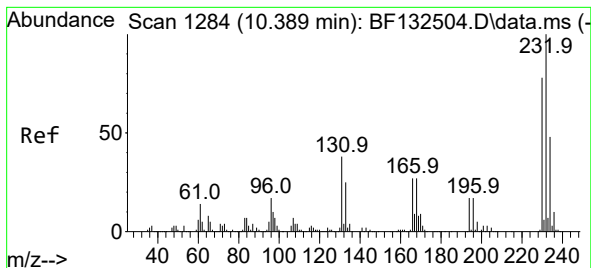
Ion Ratio Lower Upper

166 100

165 93.3 74.2 111.4

167 13.7 11.1 16.7

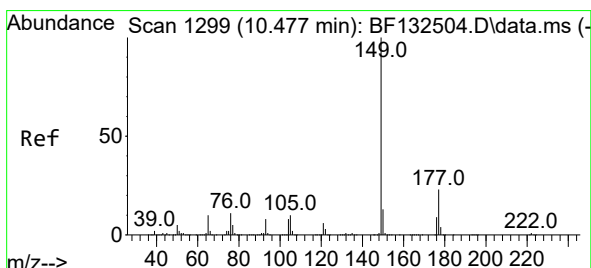
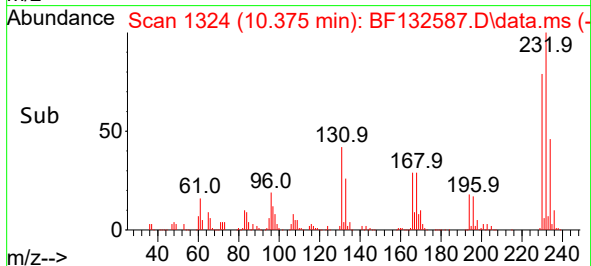
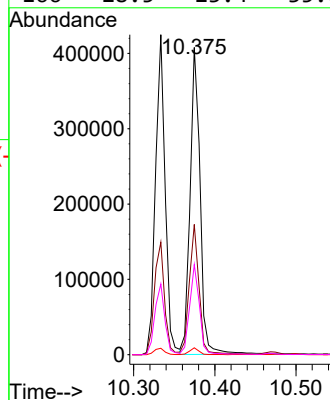
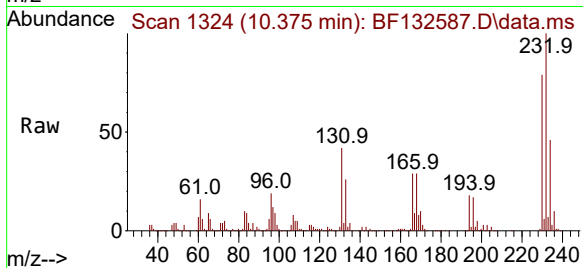




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.331 ng
RT: 10.375 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

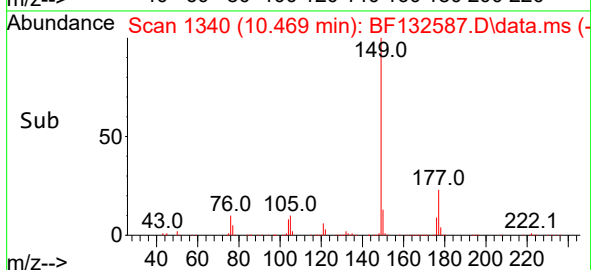
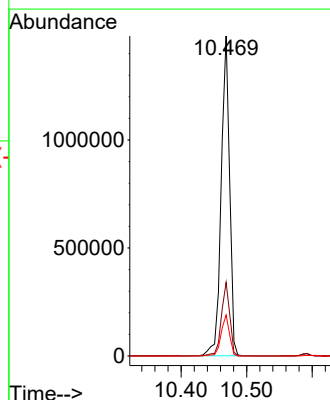
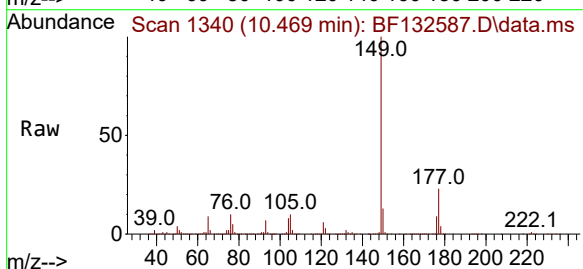
Instrument :
BNA_F
ClientSampleId :
PB151108BSD

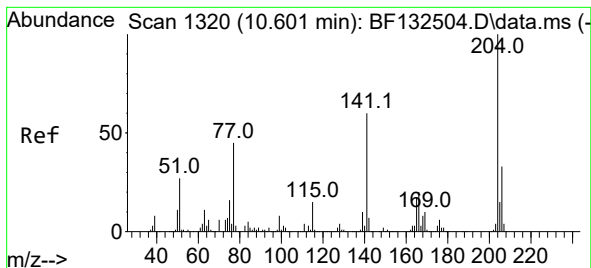
Tgt Ion:232 Resp: 349152
Ion Ratio Lower Upper
232 100
131 41.3 33.8 50.8
130 2.1 1.7 2.5
166 28.5 23.4 35.0



#60
Diethylphthalate
Concen: 38.935 ng
RT: 10.469 min Scan# 1340
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion:149 Resp: 1311940
Ion Ratio Lower Upper
149 100
177 23.0 18.1 27.1
150 12.8 10.2 15.2

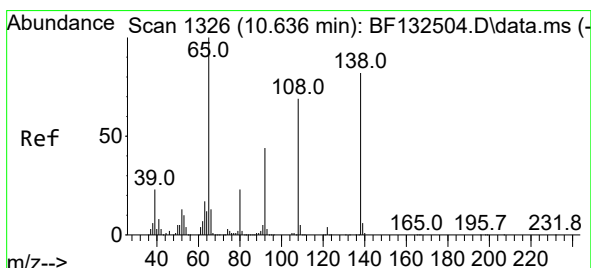
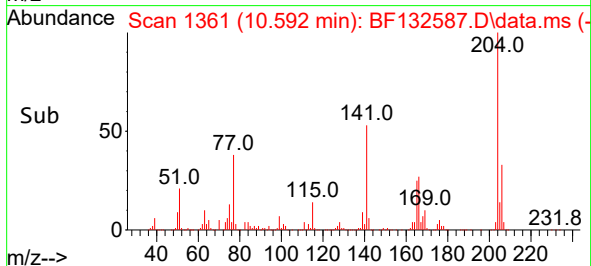
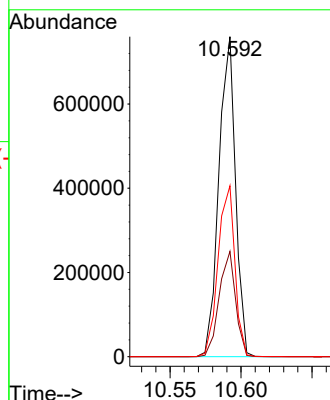
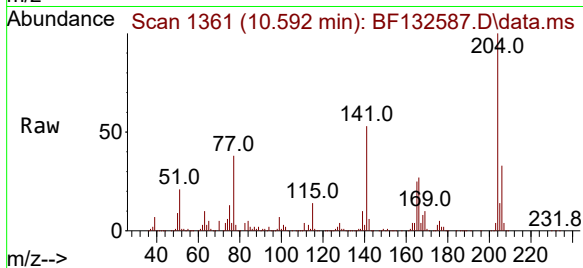




#61
4-Chlorophenyl-phenylether
Concen: 37.132 ng
RT: 10.592 min Scan# 1361
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

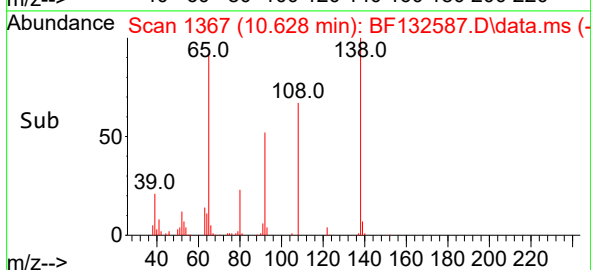
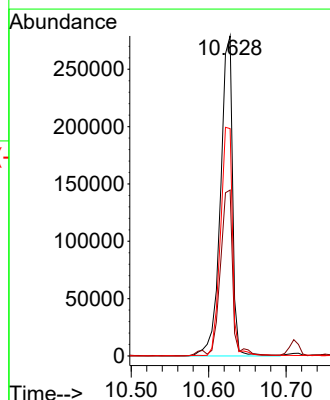
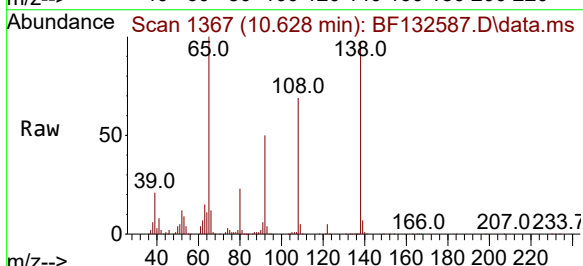
Instrument :
BNA_F
ClientSampleId :
PB151108BSD

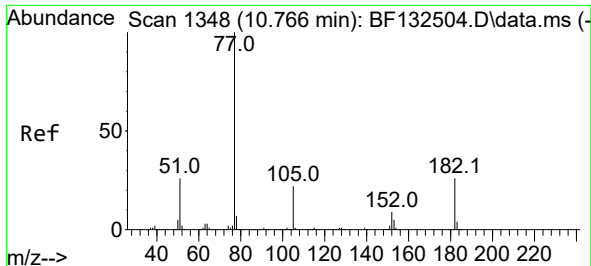
Tgt Ion:204 Resp: 617256
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 53.4 47.8 71.8



#62
4-Nitroaniline
Concen: 35.052 ng
RT: 10.628 min Scan# 1367
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion:138 Resp: 302419
Ion Ratio Lower Upper
138 100
92 51.9 33.8 73.8
108 71.1 63.7 103.7

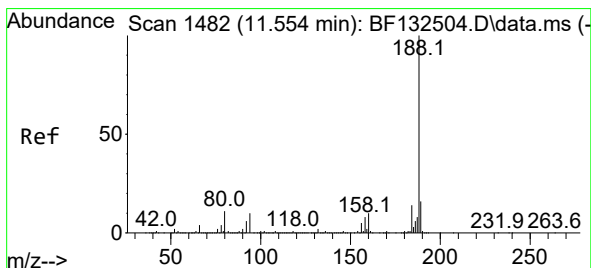
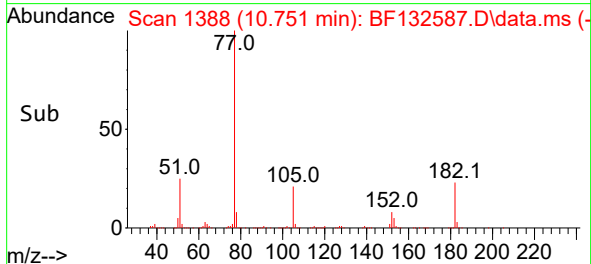
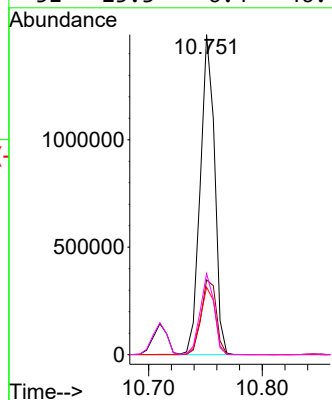
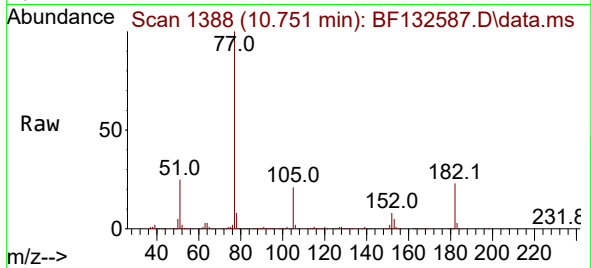




#63
Azobenzene
Concen: 36.470 ng
RT: 10.751 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

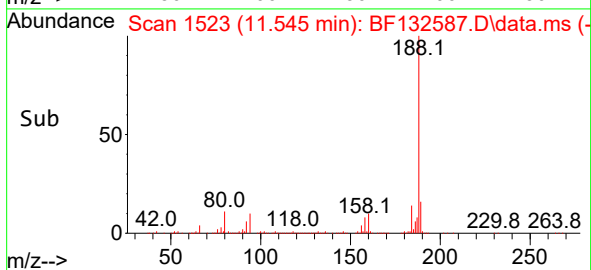
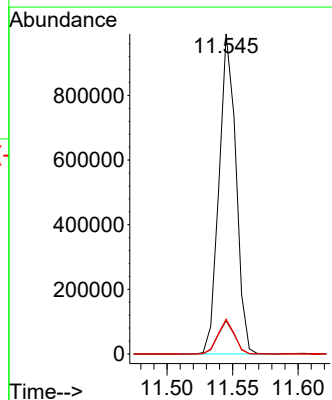
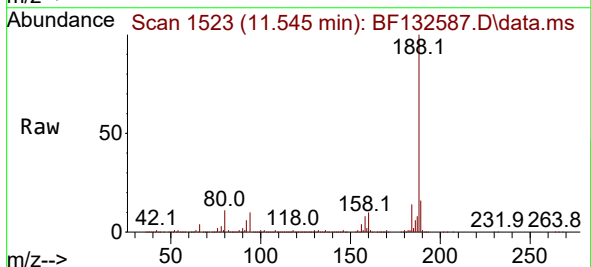
Instrument :
BNA_F
ClientSampleId :
PB151108BSD

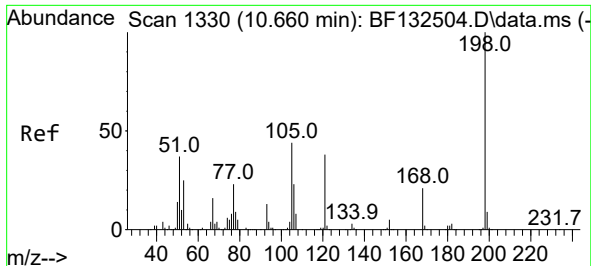
Tgt Ion: 77 Resp: 1301453
Ion Ratio Lower Upper
77 100
182 23.3 5.5 45.5
105 21.1 1.8 41.8
51 25.3 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion: 188 Resp: 888363
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 10.9 8.7 13.1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.357 ng

RT: 10.651 min Scan# 1330

Delta R.T. -0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151108BSD

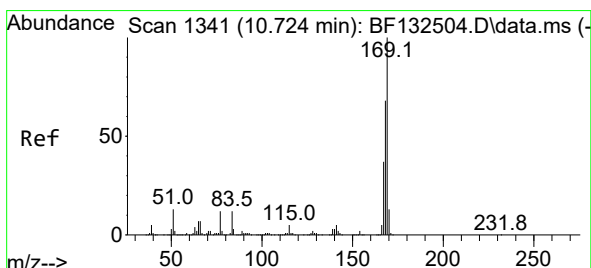
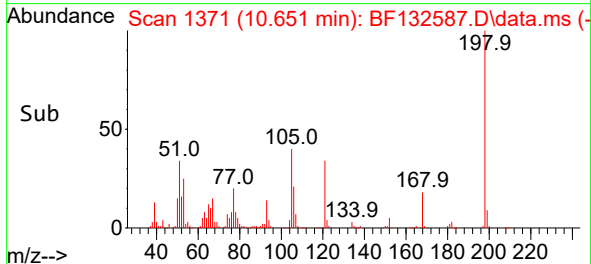
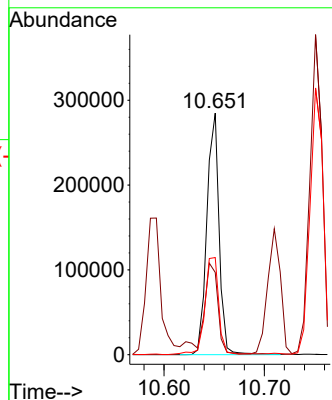
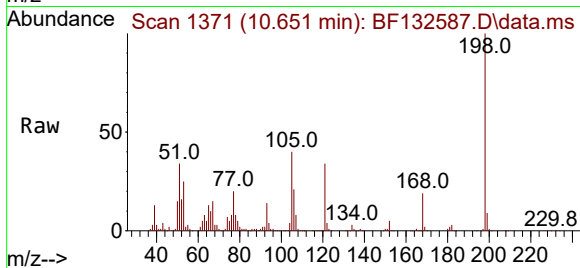
Tgt Ion:198 Resp: 242697

Ion Ratio Lower Upper

198 100

51 34.0 20.6 60.6

105 40.2 24.3 64.3



#66

n-Nitrosodiphenylamine

Concen: 38.140 ng

RT: 10.710 min Scan# 1381

Delta R.T. -0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

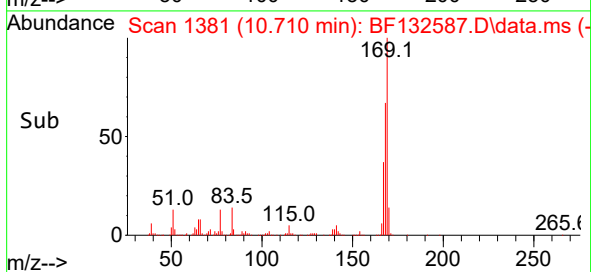
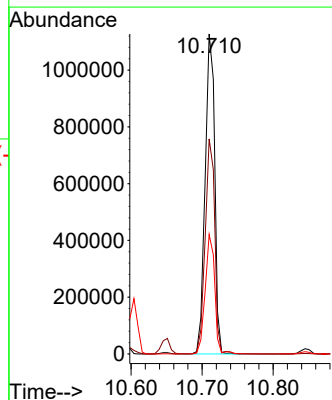
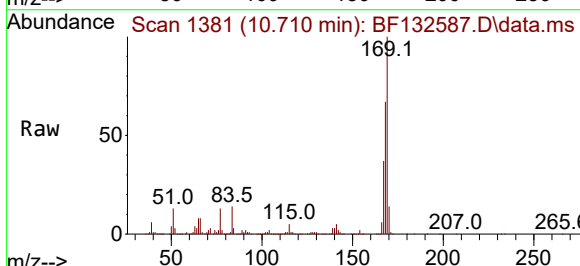
Tgt Ion:169 Resp: 1056296

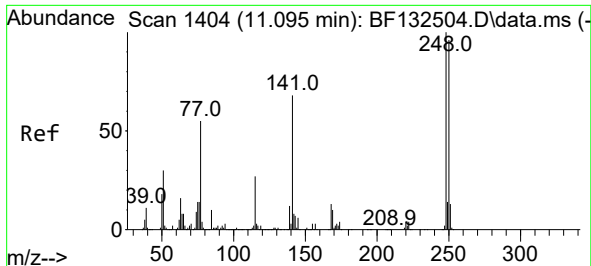
Ion Ratio Lower Upper

169 100

168 67.2 54.2 81.4

167 37.4 29.6 44.4

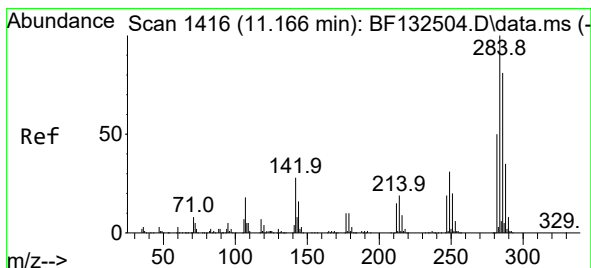
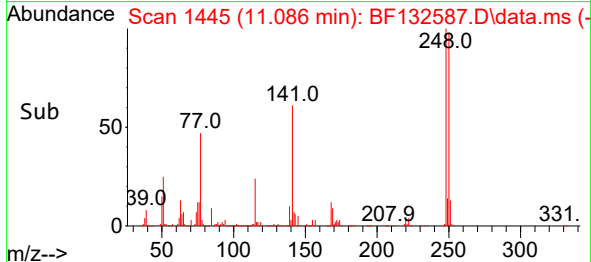
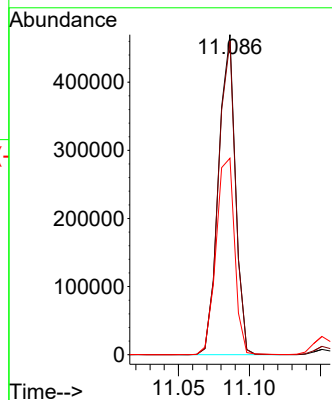
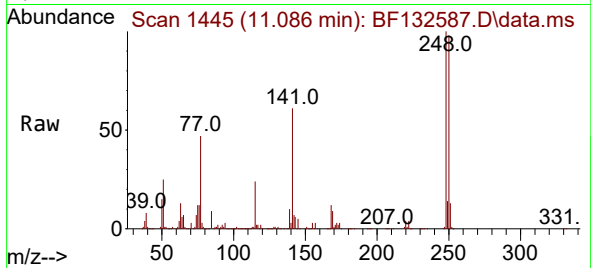




#67
4-Bromophenyl-phenylether
Concen: 38.694 ng
RT: 11.086 min Scan# 1445
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

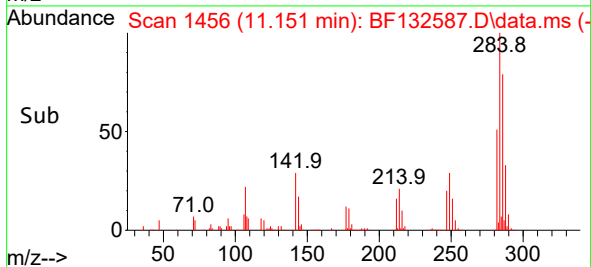
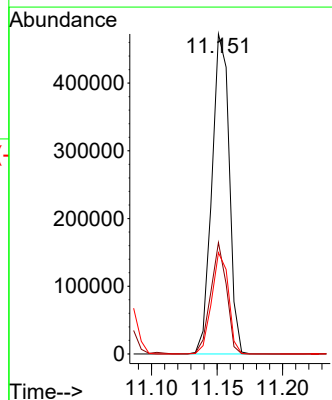
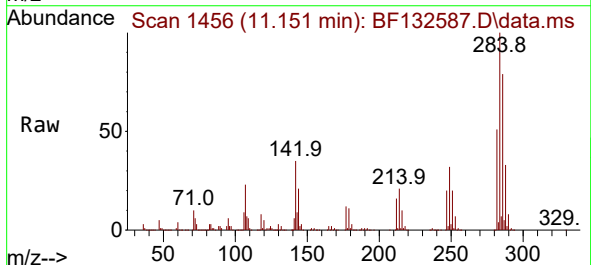
Instrument :
BNA_F
ClientSampleId :
PB151108BSD

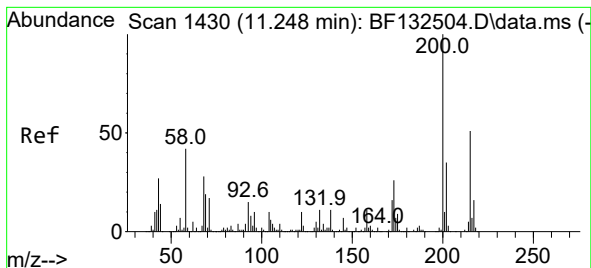
Tgt Ion:248 Resp: 388825
Ion Ratio Lower Upper
248 100
250 98.0 77.0 115.4
141 61.4 54.2 81.2



#68
Hexachlorobenzene
Concen: 41.033 ng
RT: 11.151 min Scan# 1456
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion:284 Resp: 433873
Ion Ratio Lower Upper
284 100
142 34.8 22.2 33.4#
249 31.6 24.9 37.3





#69

Atrazine

Concen: 34.312 ng

RT: 11.233 min Scan# 14

Delta R.T. -0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151108BSD

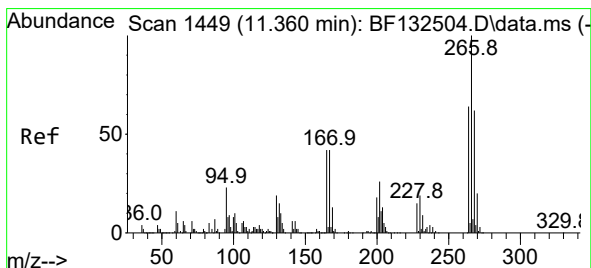
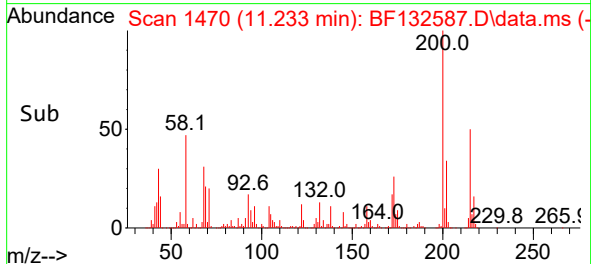
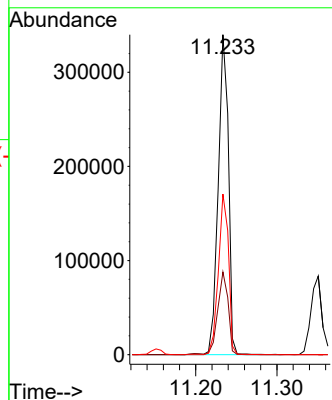
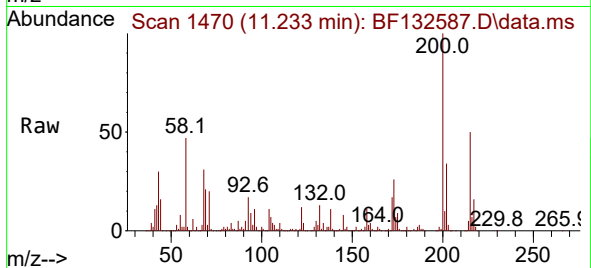
Tgt Ion:200 Resp: 296665

Ion Ratio Lower Upper

200 100

173 25.8 6.4 46.4

215 50.2 31.0 71.0



#70

Pentachlorophenol

Concen: 73.518 ng

RT: 11.351 min Scan# 1490

Delta R.T. 0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

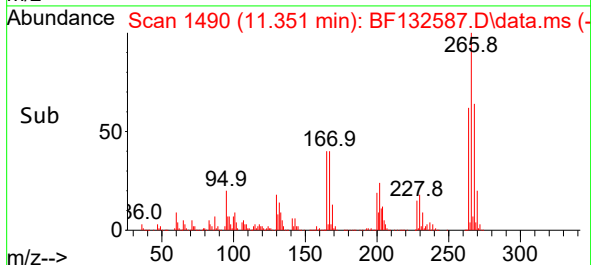
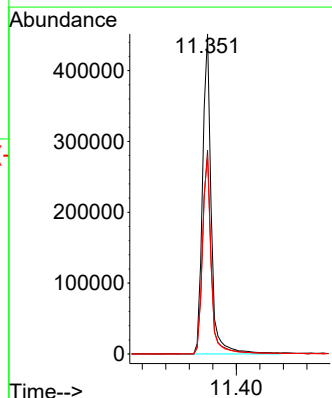
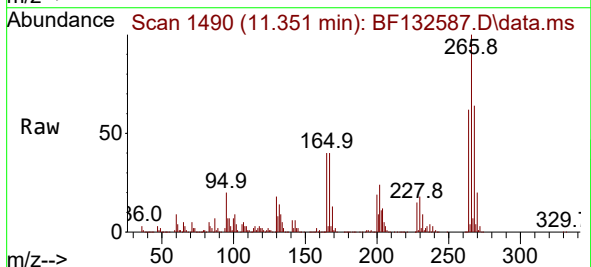
Tgt Ion:266 Resp: 462499

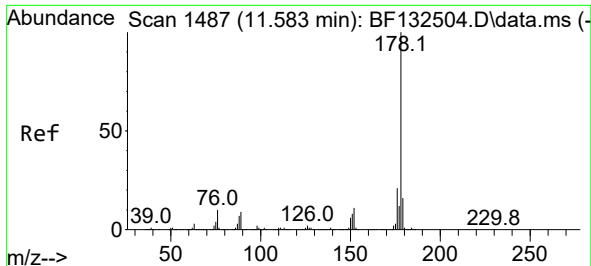
Ion Ratio Lower Upper

266 100

268 63.6 49.8 74.6

264 61.9 50.9 76.3

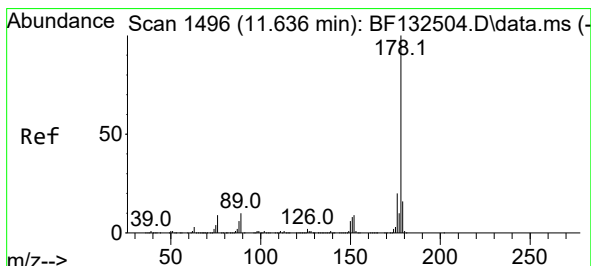
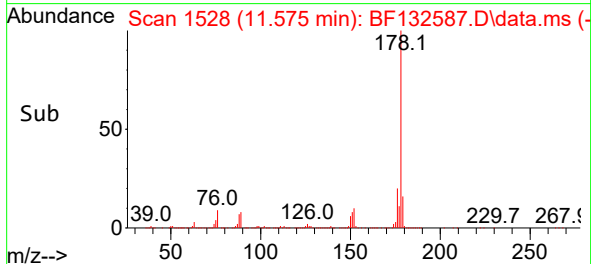
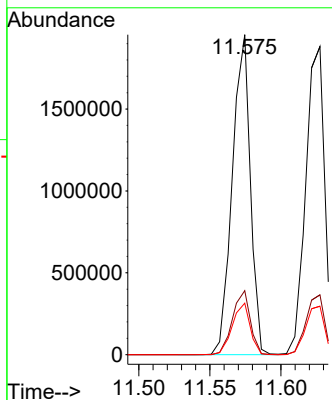
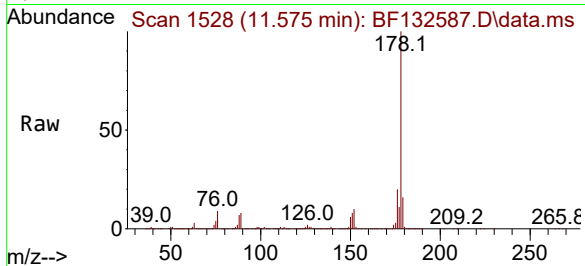




#71
Phenanthrene
Concen: 37.636 ng
RT: 11.575 min Scan# 1537
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

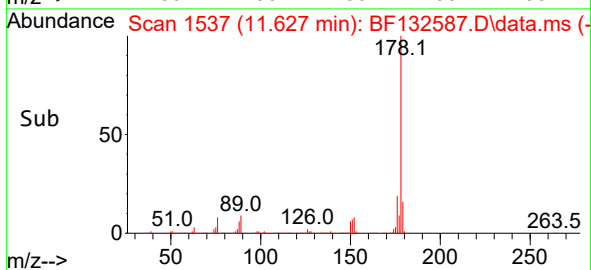
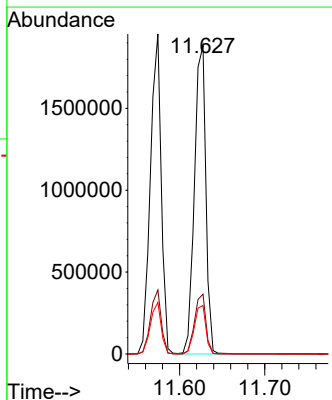
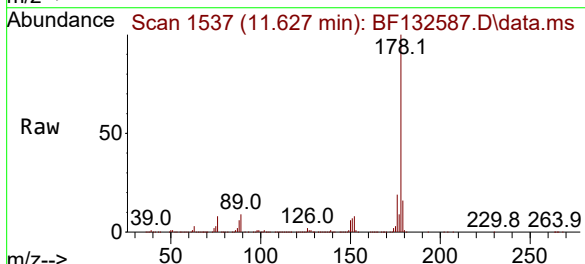
Instrument :
BNA_F
ClientSampleId :
PB151108BSD

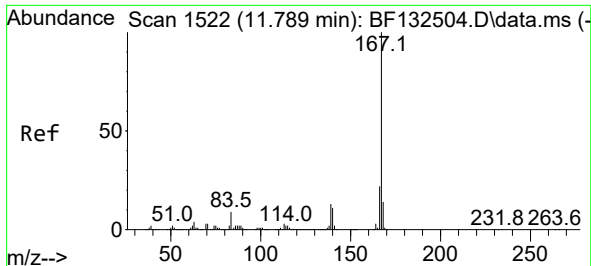
Tgt Ion:178 Resp: 1732063
Ion Ratio Lower Upper
178 100
176 20.0 16.5 24.7
179 16.1 13.0 19.6



#72
Anthracene
Concen: 36.951 ng
RT: 11.627 min Scan# 1537
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion:178 Resp: 1751176
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.7 12.5 18.7

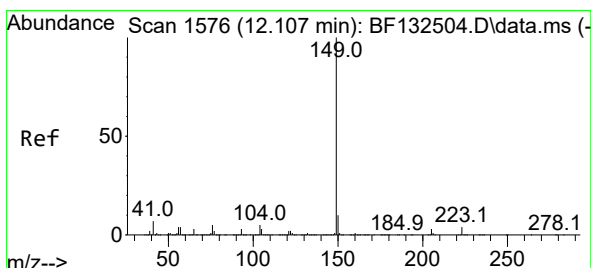
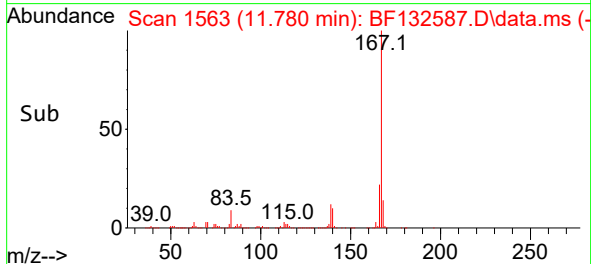
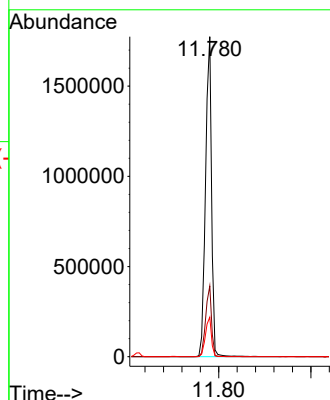
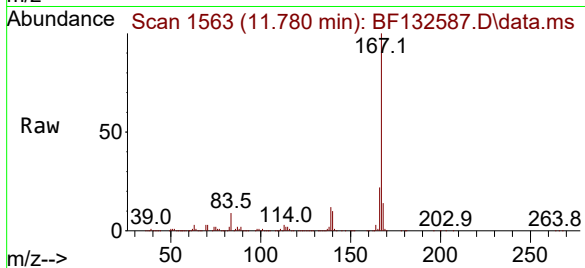




#73
 Carbazole
 Concen: 37.958 ng
 RT: 11.780 min Scan# 1617
 Delta R.T. -0.003 min
 Lab File: BF132587.D
 Acq: 01 Mar 2023 12:57

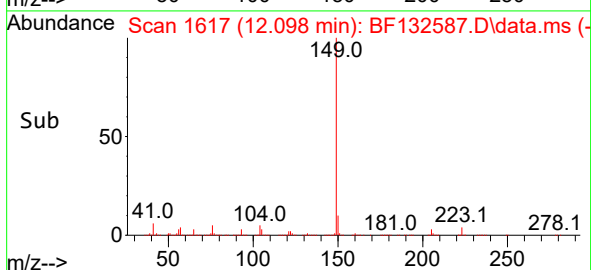
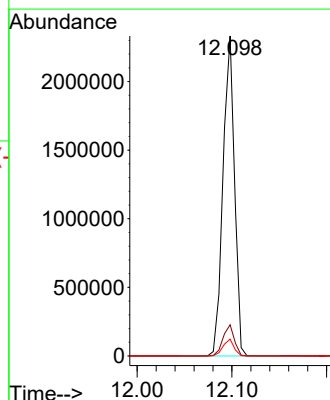
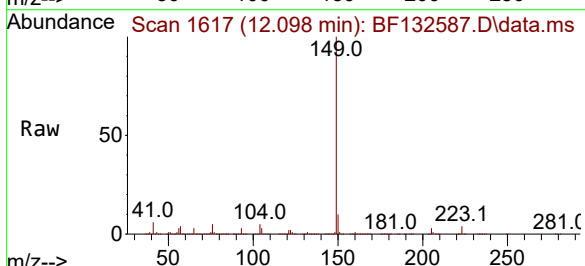
Instrument :
 BNA_F
 ClientSampleId :
 PB151108BSD

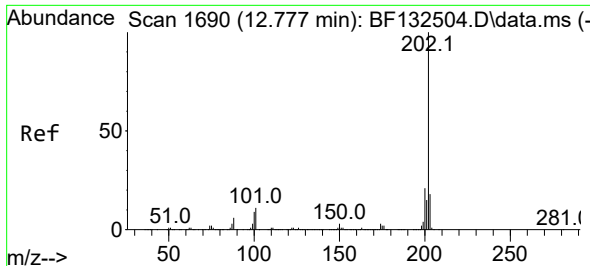
Tgt Ion:167 Resp: 1621895
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 12.4 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 39.489 ng
 RT: 12.098 min Scan# 1617
 Delta R.T. -0.003 min
 Lab File: BF132587.D
 Acq: 01 Mar 2023 12:57

Tgt Ion:149 Resp: 1979220
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 5.3 4.3 6.5

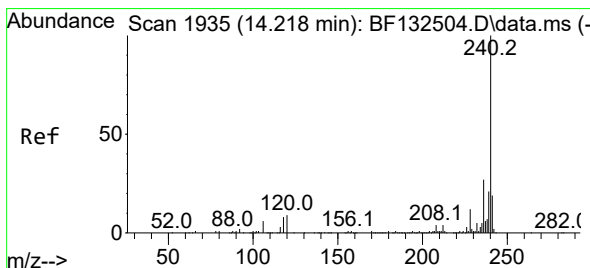
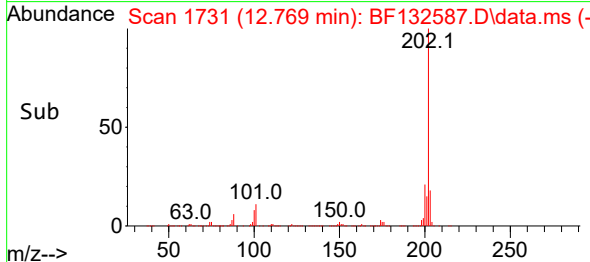
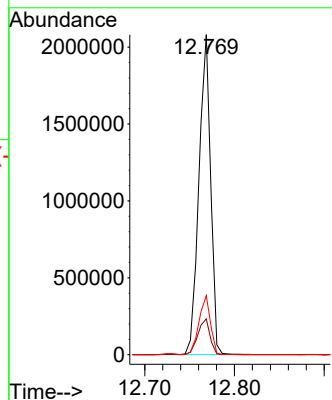
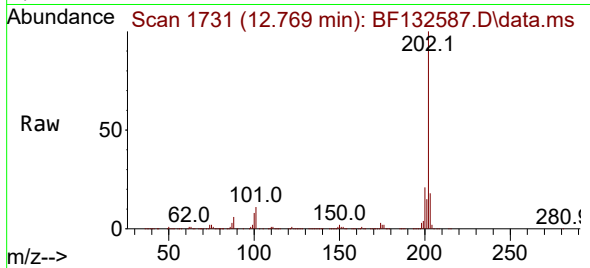




#75
Fluoranthene
Concen: 37.368 ng
RT: 12.769 min Scan# 1731
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

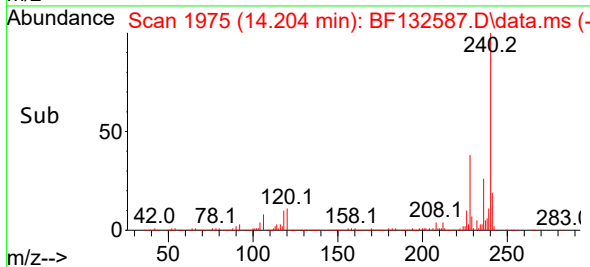
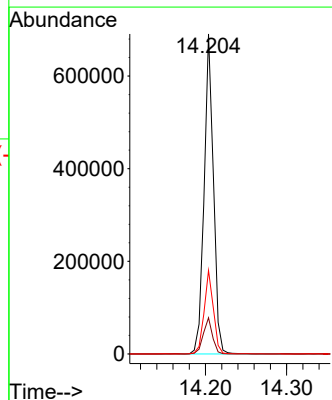
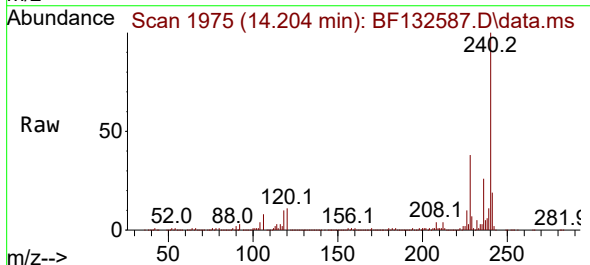
Instrument :
BNA_F
ClientSampleId :
PB151108BSD

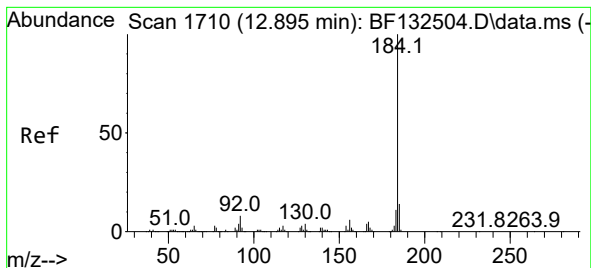
Tgt Ion:202 Resp: 1880033
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.4
203 18.5 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion:240 Resp: 550679
Ion Ratio Lower Upper
240 100
120 11.3 7.2 10.8#
236 26.1 21.8 32.6





#77

Benzidine

Concen: 16.552 ng

RT: 12.886 min Scan# 1710

Delta R.T. 0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151108BSD

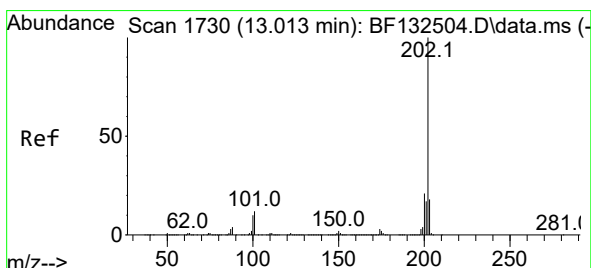
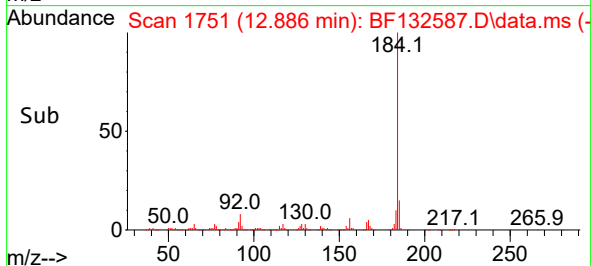
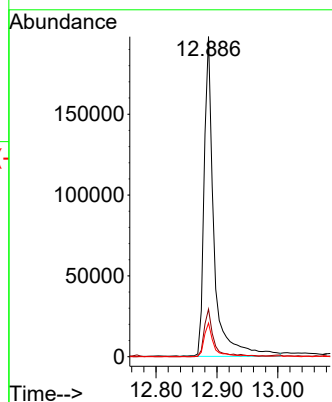
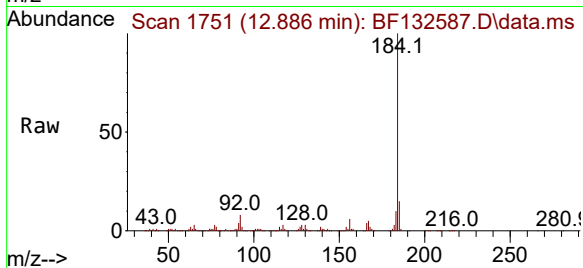
Tgt Ion:184 Resp: 221877

Ion Ratio Lower Upper

184 100

185 14.8 11.7 17.5

183 10.5 8.7 13.1



#78

Pyrene

Concen: 37.678 ng

RT: 12.998 min Scan# 1770

Delta R.T. -0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

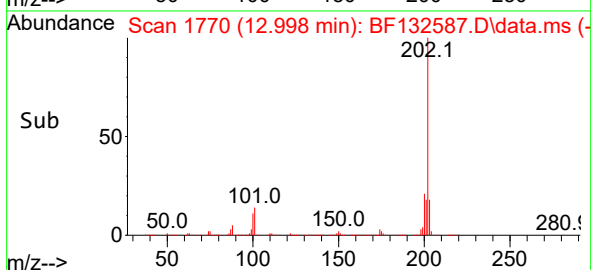
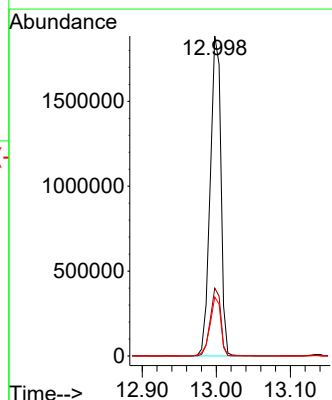
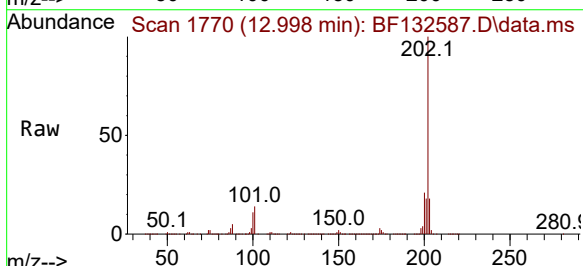
Tgt Ion:202 Resp: 1886400

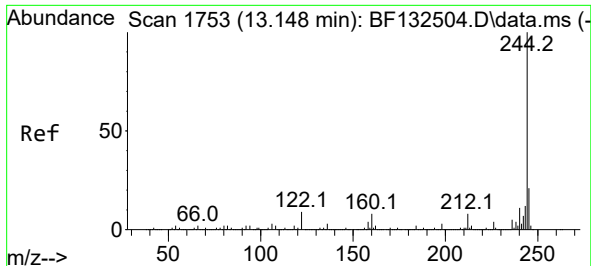
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 18.4 14.6 21.8

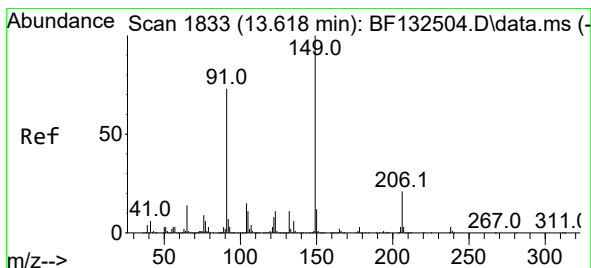
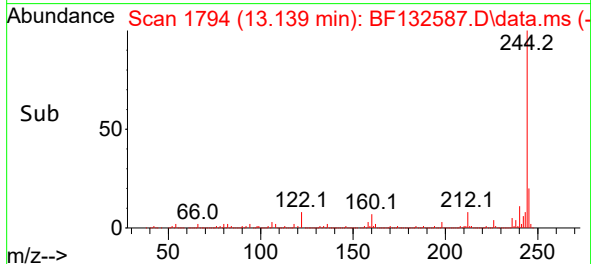
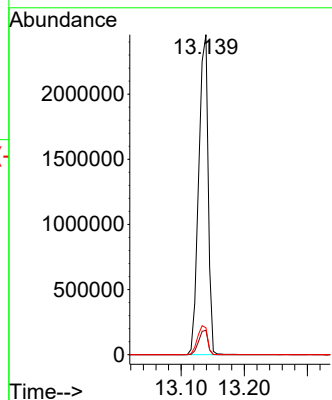
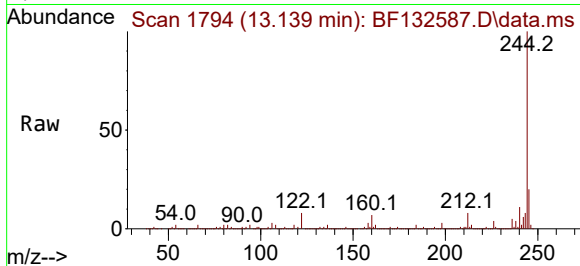




#79
 Terphenyl-d14
 Concen: 78.007 ng
 RT: 13.139 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BF132587.D
 Acq: 01 Mar 2023 12:57

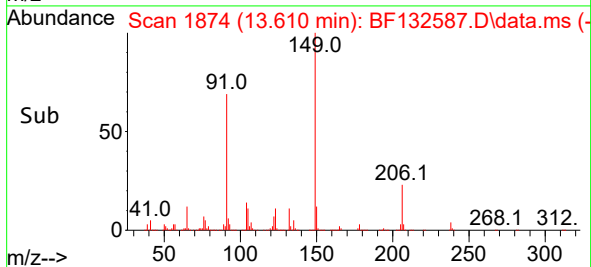
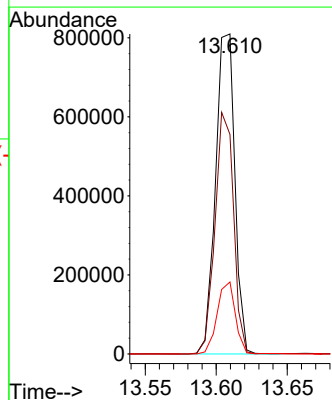
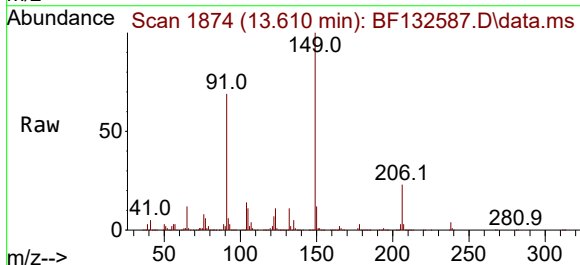
Instrument :
 BNA_F
 ClientSampleId :
 PB151108BSD

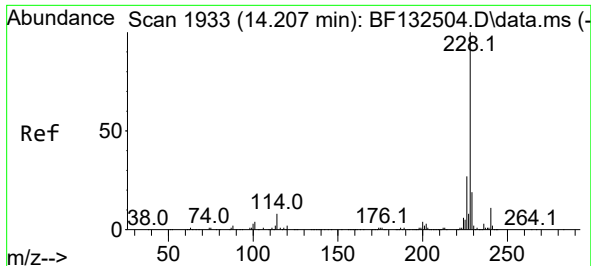
Tgt Ion:244 Resp: 2540718
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 8.4 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 38.843 ng
 RT: 13.610 min Scan# 1874
 Delta R.T. -0.003 min
 Lab File: BF132587.D
 Acq: 01 Mar 2023 12:57

Tgt Ion:149 Resp: 767429
 Ion Ratio Lower Upper
 149 100
 91 68.6 58.4 87.6
 206 22.5 16.8 25.2

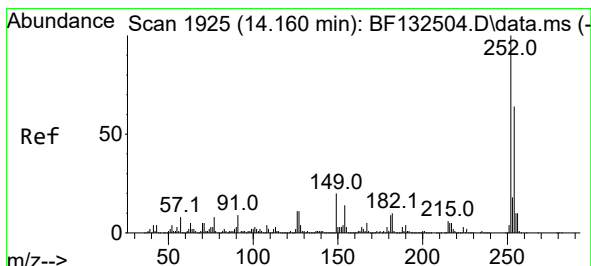
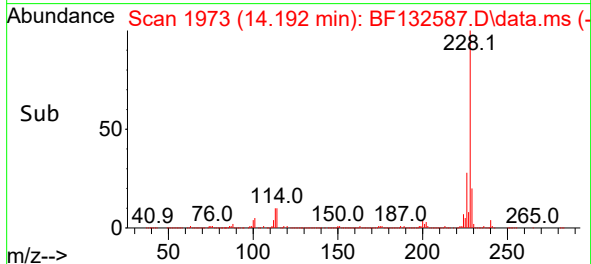
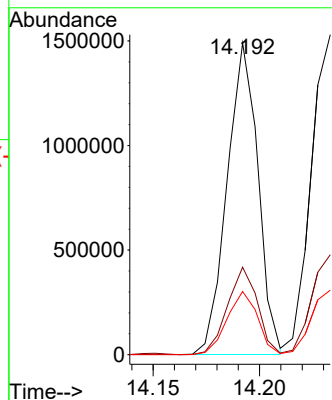
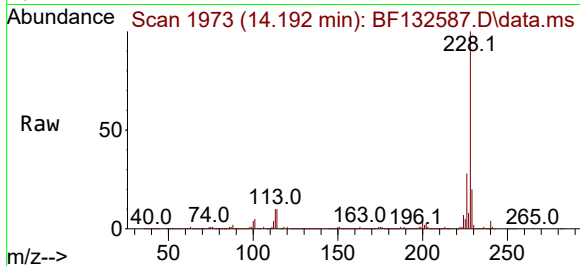




#81
Benzo(a)anthracene
Concen: 36.493 ng
RT: 14.192 min Scan# 1966
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

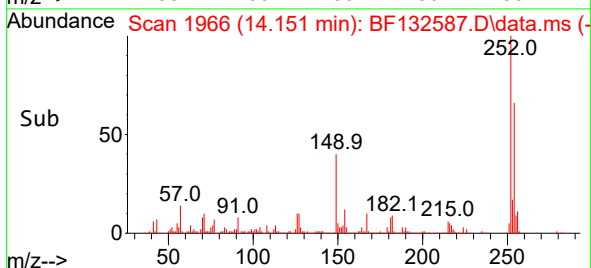
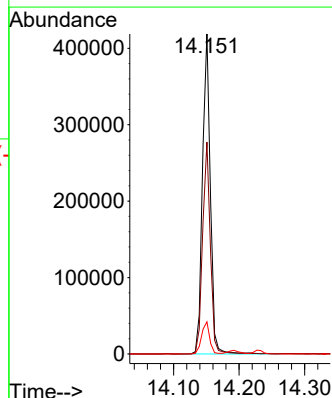
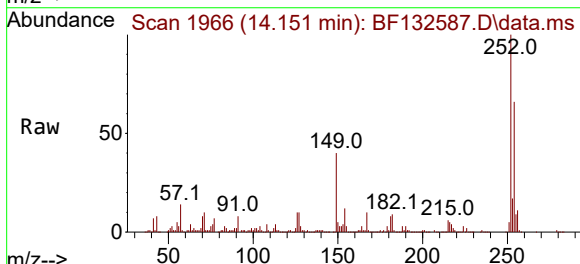
Instrument :
BNA_F
ClientSampleId :
PB151108BSD

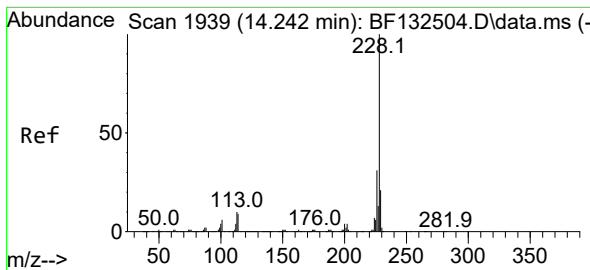
Tgt Ion:228 Resp: 1503637
Ion Ratio Lower Upper
228 100
226 28.1 21.7 32.5
229 20.3 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 28.916 ng
RT: 14.151 min Scan# 1966
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion:252 Resp: 351255
Ion Ratio Lower Upper
252 100
254 66.2 51.4 77.2
126 10.0 8.9 13.3





#83

Chrysene

Concen: 36.513 ng

RT: 14.233 min Scan# 1939

Delta R.T. -0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151108BSD

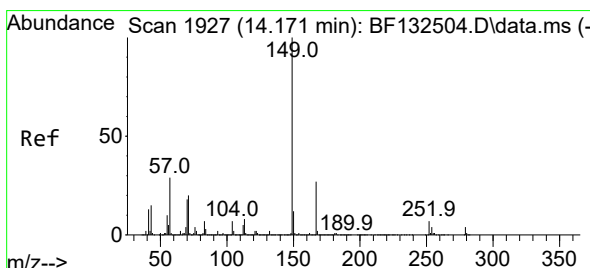
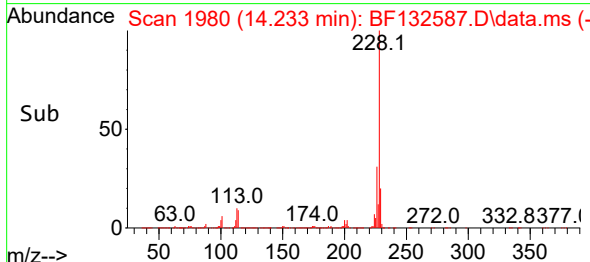
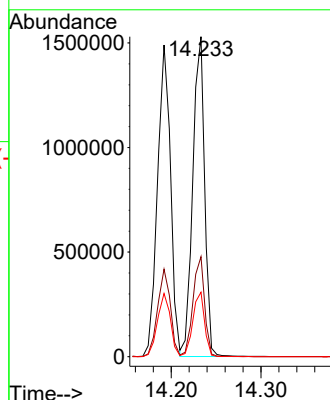
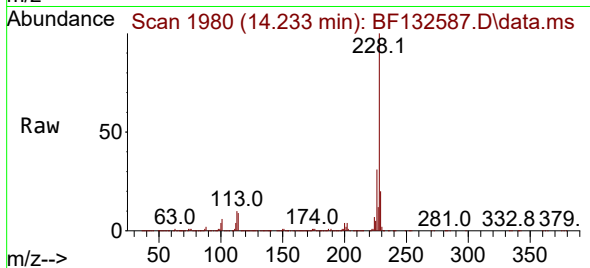
Tgt Ion:228 Resp: 1406851

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

229 20.2 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.734 ng

RT: 14.163 min Scan# 1968

Delta R.T. -0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

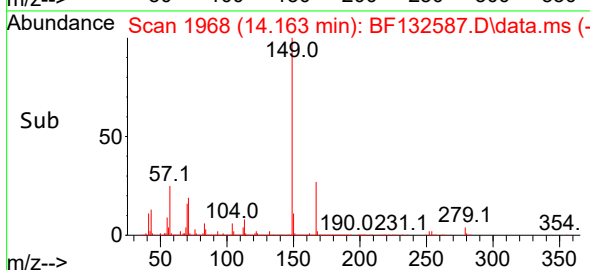
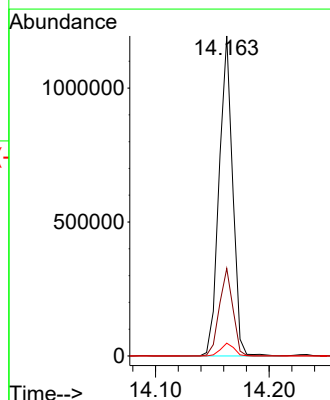
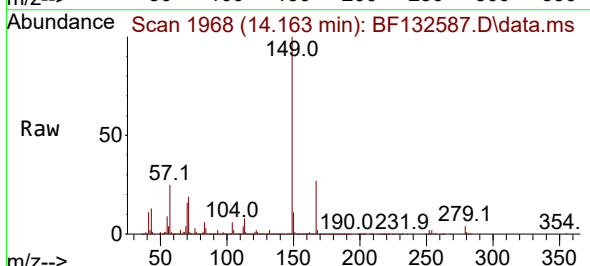
Tgt Ion:149 Resp: 988652

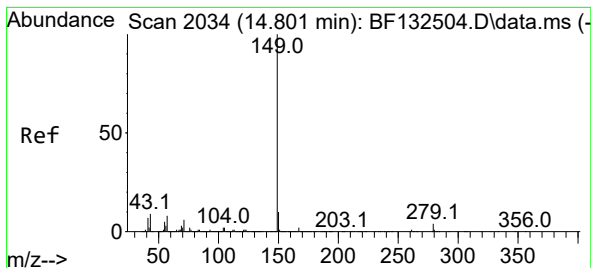
Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.6

279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 39.317 ng

RT: 14.786 min Scan# 2034

Delta R.T. -0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151108BSD

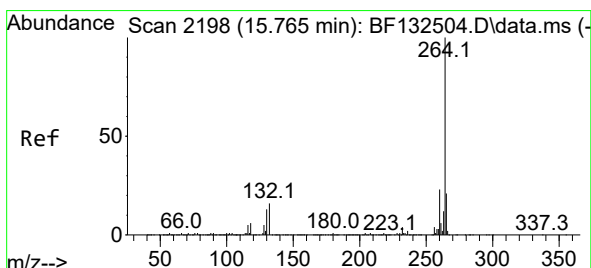
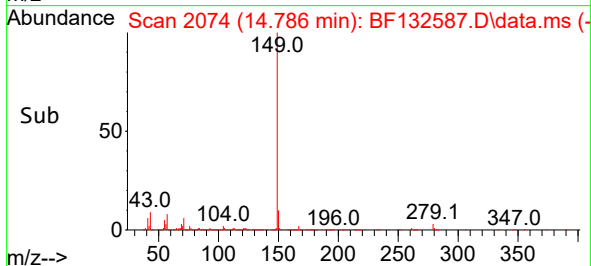
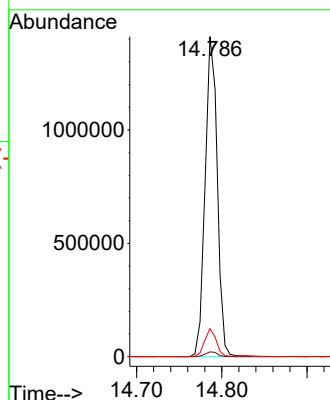
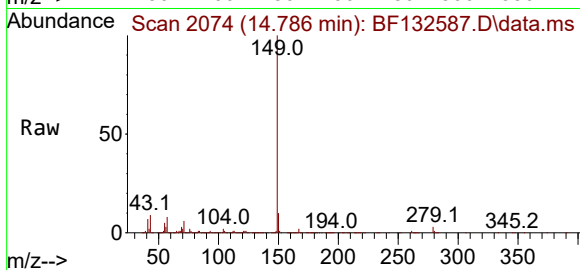
Tgt Ion:149 Resp: 1394447

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.4 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.751 min Scan# 2238

Delta R.T. -0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

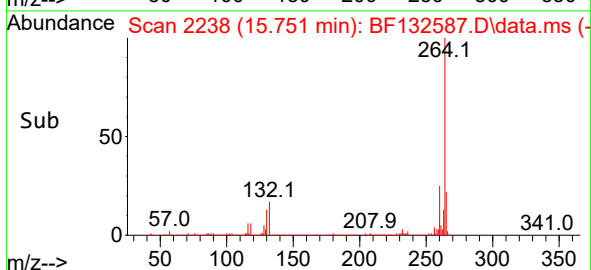
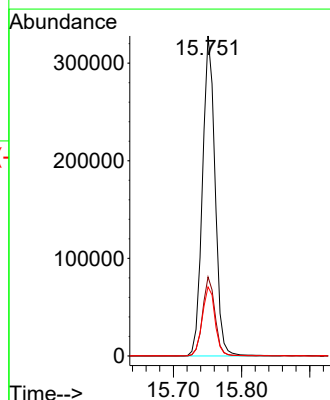
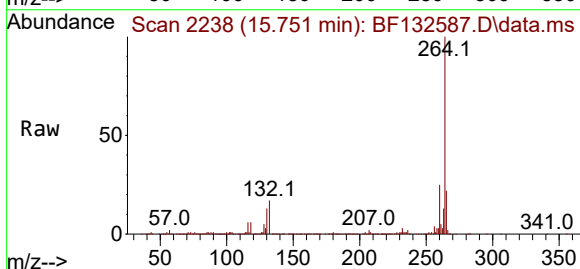
Tgt Ion:264 Resp: 421446

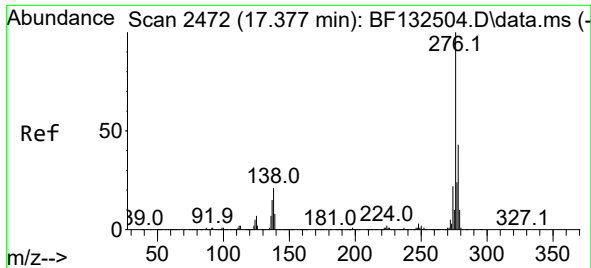
Ion Ratio Lower Upper

264 100

260 24.7 18.8 28.2

265 21.6 17.1 25.7

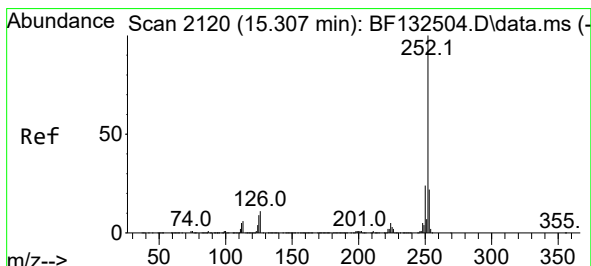
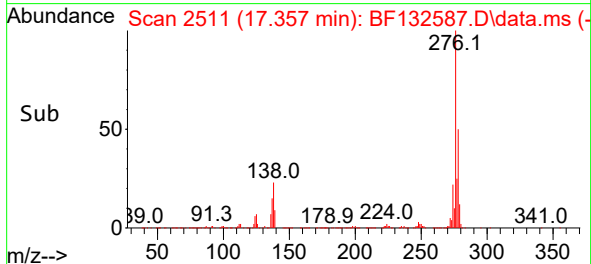
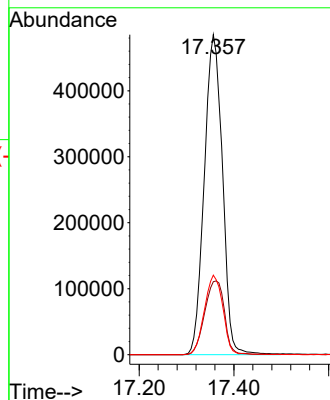
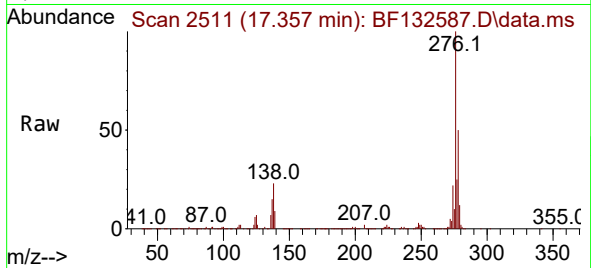




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.749 ng
 RT: 17.357 min Scan# 2110
 Delta R.T. -0.003 min
 Lab File: BF132587.D
 Acq: 01 Mar 2023 12:57

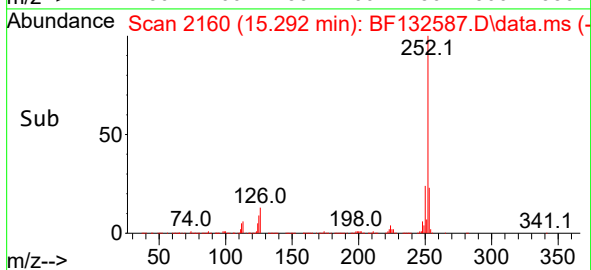
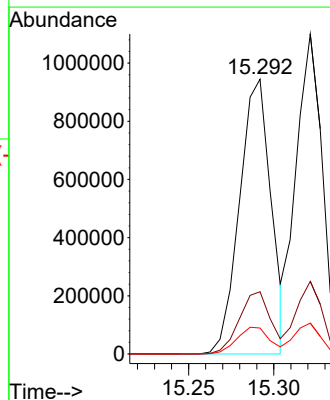
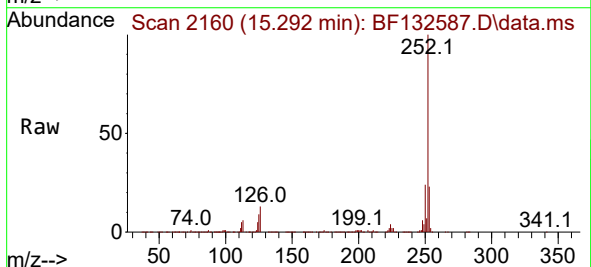
Instrument :
 BNA_F
 ClientSampleId :
 PB151108BSD

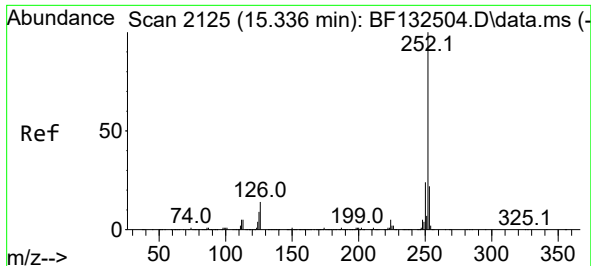
Tgt Ion:276 Resp: 1290973
 Ion Ratio Lower Upper
 276 100
 138 25.1 19.0 28.4
 277 25.3 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 43.096 ng
 RT: 15.292 min Scan# 2160
 Delta R.T. -0.003 min
 Lab File: BF132587.D
 Acq: 01 Mar 2023 12:57

Tgt Ion:252 Resp: 1217181
 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: 43.235 ng

RT: 15.321 min Scan# 21

Delta R.T. -0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

PB151108BSD

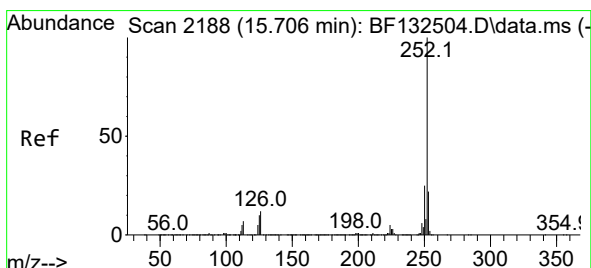
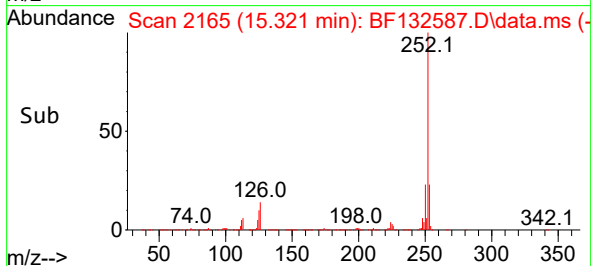
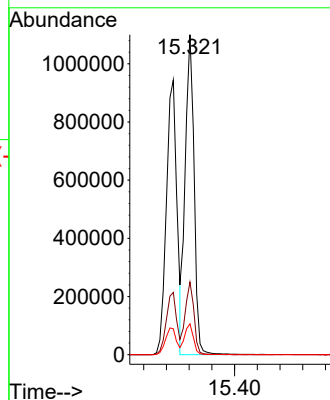
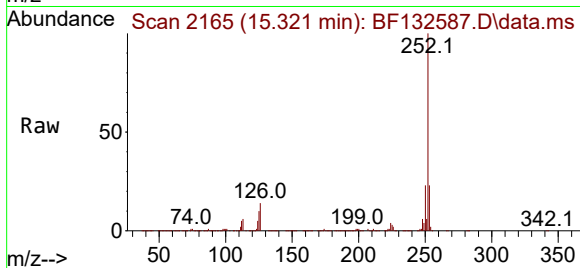
Tgt Ion:252 Resp: 1195068

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

125 9.7 7.2 10.8



#90

Benzo(a)pyrene

Concen: 39.933 ng

RT: 15.686 min Scan# 2227

Delta R.T. -0.003 min

Lab File: BF132587.D

Acq: 01 Mar 2023 12:57

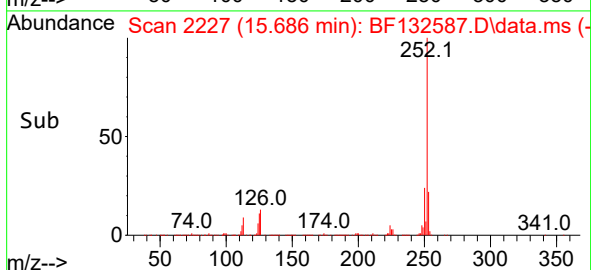
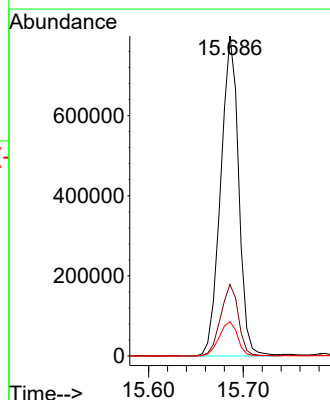
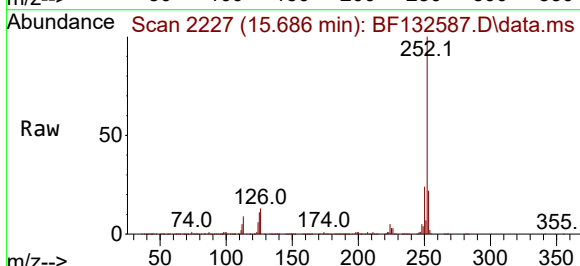
Tgt Ion:252 Resp: 1055551

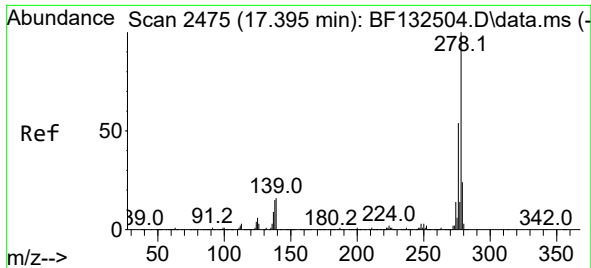
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 10.7 8.0 12.0

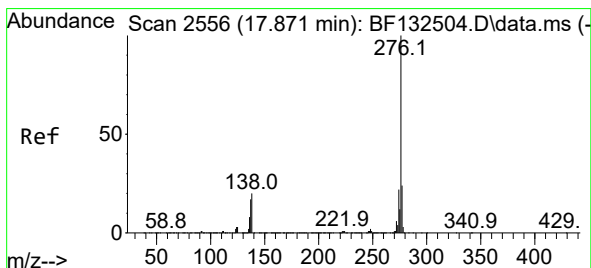
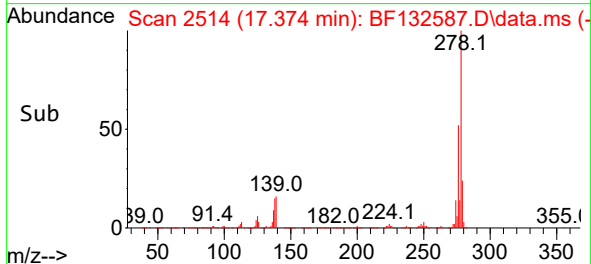
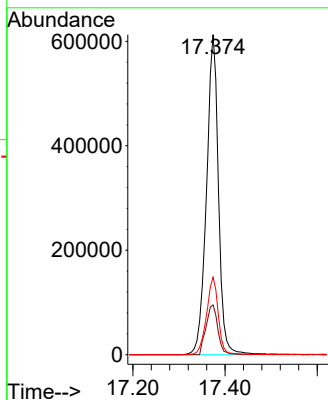
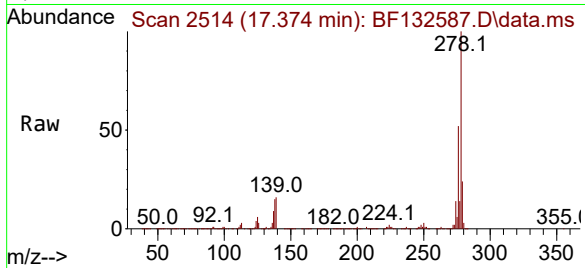




#91
Dibenzo(a,h)anthracene
Concen: 49.453 ng
RT: 17.374 min Scan# 21
Delta R.T. -0.003 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Instrument :
BNA_F
ClientSampleId :
PB151108BSD

Tgt Ion:278 Resp: 1112682
Ion Ratio Lower Upper
278 100
139 15.6 13.0 19.4
279 24.2 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 43.149 ng
RT: 17.845 min Scan# 2594
Delta R.T. -0.009 min
Lab File: BF132587.D
Acq: 01 Mar 2023 12:57

Tgt Ion:276 Resp: 1092880
Ion Ratio Lower Upper
276 100
277 24.4 18.9 28.3
138 21.6 16.2 24.4

