

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135806.D
 Acq On : 17 Oct 2023 11:58
 Operator : CG\JU
 Sample : PB156118BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156118BSD

Quant Time: Oct 18 01:34:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	126557	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	512507	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	261066	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	486839	20.000	ng	0.00
76) Chrysene-d12	13.945	240	306620	20.000	ng	0.00
86) Perylene-d12	15.416	264	279956	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	918289	116.657	ng	0.01
7) Phenol-d6	6.398	99	1133638	115.422	ng	0.00
23) Nitrobenzene-d5	7.316	82	708454	76.027	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	289702	115.643	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1246888	74.675	ng	0.00
79) Terphenyl-d14	12.875	244	1370179	82.756	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.569	88	125102	32.949	ng	98
3) Pyridine	3.334	79	284497	30.539	ng	96
4) n-Nitrosodimethylamine	3.293	42	212007	42.318	ng	99
6) Aniline	6.410	93	358831	29.031	ng	# 36
8) 2-Chlorophenol	6.534	128	377992	44.530	ng	98
9) Benzaldehyde	6.298	77	73097	13.076	ng	99
10) Phenol	6.410	94	436693	42.433	ng	91
11) bis(2-Chloroethyl)ether	6.481	93	356045	42.937	ng	98
12) 1,3-Dichlorobenzene	6.675	146	372744	43.314	ng	98
13) 1,4-Dichlorobenzene	6.757	146	372061	42.678	ng	98
14) 1,2-Dichlorobenzene	6.904	146	332960	42.418	ng	98
15) Benzyl Alcohol	6.898	79	288413	44.164	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	591960	39.472	ng	69
17) 2-Methylphenol	7.010	107	281115	38.255	ng	95
18) Hexachloroethane	7.240	117	135220	42.779	ng	96
19) n-Nitroso-di-n-propyla...	7.163	70	236938	39.016	ng	98
20) 3+4-Methylphenols	7.169	107	351245	38.341	ng	95
22) Acetophenone	7.157	105	476856	40.570	ng	99
24) Nitrobenzene	7.334	77	373325	39.918	ng	96
25) Isophorone	7.569	82	701859	39.924	ng	99
26) 2-Nitrophenol	7.645	139	197000	43.164	ng	98
27) 2,4-Dimethylphenol	7.687	122	297016	39.531	ng	97
28) bis(2-Chloroethoxy)met...	7.775	93	424090	40.508	ng	99
29) 2,4-Dichlorophenol	7.893	162	307455	43.666	ng	96
30) 1,2,4-Trichlorobenzene	7.963	180	307685	42.725	ng	98
31) Naphthalene	8.040	128	1032014	41.284	ng	99
32) Benzoic acid	7.863	122	226582	44.551	ng	96
33) 4-Chloroaniline	8.104	127	234767	21.499	ng	96
34) Hexachlorobutadiene	8.151	225	184239	43.222	ng	98
35) Caprolactam	8.492	113	70513	29.294	ng	90
36) 4-Chloro-3-methylphenol	8.604	107	336106	43.044	ng	99
37) 2-Methylnaphthalene	8.734	142	642552	39.014	ng	99
38) 1-Methylnaphthalene	8.834	142	606445	39.922	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	308497	41.080	ng	99
41) Hexachlorocyclopentadiene	8.881	237	127850	81.203	ng	94
43) 2,4,6-Trichlorophenol	9.028	196	203212	41.992	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	215534	38.293	ng	96
46) 1,1'-Biphenyl	9.204	154	792271	39.617	ng	98
47) 2-Chloronaphthalene	9.228	162	604372	41.934	ng	98
48) 2-Nitroaniline	9.339	65	234608	41.239	ng	99
49) Acenaphthylene	9.639	152	993566	41.657	ng	99
50) Dimethylphthalate	9.510	163	732652	41.572	ng	100
51) 2,6-Dinitrotoluene	9.586	165	163778	43.215	ng	# 81
52) Acenaphthene	9.816	154	592842	41.469	ng	99
53) 3-Nitroaniline	9.757	138	155251	33.417	ng	98
54) 2,4-Dinitrophenol	9.881	184	172114	108.795	ng	98
55) Dibenzofuran	9.986	168	887292	41.134	ng	99
56) 4-Nitrophenol	9.945	139	197123	91.739	ng	96
57) 2,4-Dinitrotoluene	9.998	165	208523	43.248	ng	93
58) Fluorene	10.334	166	679903	40.262	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	183182	43.065	ng	98
60) Diethylphthalate	10.216	149	725639	40.332	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	321679	39.413	ng	98
62) 4-Nitroaniline	10.381	138	162682	38.058	ng	98
63) Azobenzene	10.486	77	689511	39.445	ng	98
65) 4,6-Dinitro-2-methylph...	10.416	198	111859	45.655	ng	90
66) n-Nitrosodiphenylamine	10.451	169	612617	41.285	ng	100
67) 4-Bromophenyl-phenylether	10.816	248	202377	41.411	ng	98
68) Hexachlorobenzene	10.886	284	223263	44.872	ng	96
69) Atrazine	10.986	200	193939	48.051	ng	97
70) Pentachlorophenol	11.092	266	159613	81.337	ng	98
71) Phenanthrene	11.304	178	959775	41.153	ng	99
72) Anthracene	11.357	178	991080	41.010	ng	100
73) Carbazole	11.516	167	947624	42.044	ng	99
74) Di-n-butylphthalate	11.839	149	1152929	41.663	ng	99
75) Fluoranthene	12.498	202	1070638	41.362	ng	99
77) Benzidine	12.627	184	237711	35.528	ng	98
78) Pyrene	12.727	202	1097239	45.032	ng	100
80) Butylbenzylphthalate	13.351	149	470307	43.925	ng	96
81) Benzo(a)anthracene	13.933	228	890002	44.191	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	240844	36.057	ng	99
83) Chrysene	13.969	228	816193	41.841	ng	98
84) Bis(2-ethylhexyl)phtha...	13.910	149	653403	45.026	ng	99
85) Di-n-octyl phthalate	14.527	149	1023061	44.459	ng	99
87) Indeno(1,2,3-cd)pyrene	16.927	276	719576	47.173	ng	98
88) Benzo(b)fluoranthene	14.986	252	717034	45.764	ng	99
89) Benzo(k)fluoranthene	15.016	252	696228	45.770	ng	98
90) Benzo(a)pyrene	15.357	252	619610	42.055	ng	98
91) Dibenzo(a,h)anthracene	16.927	278	600270	48.002	ng	100
92) Benzo(g,h,i)perylene	17.374	276	573631	44.657	ng	98

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

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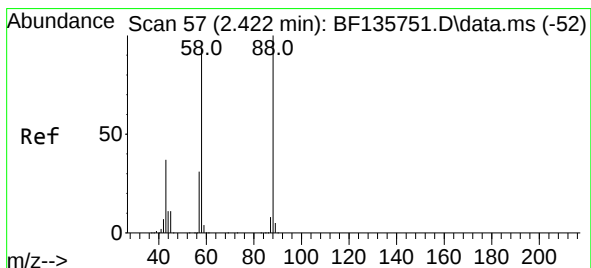
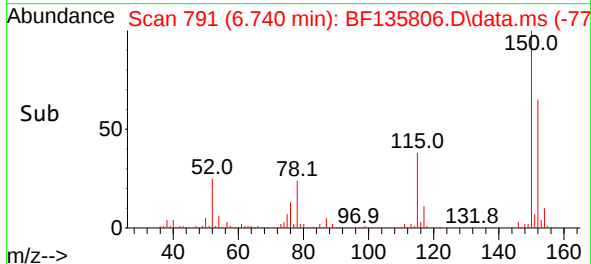
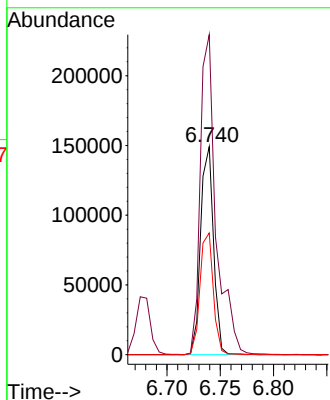
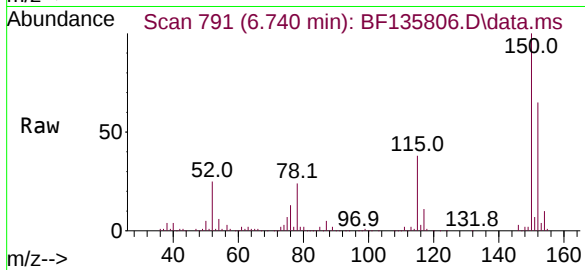




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF135806.D
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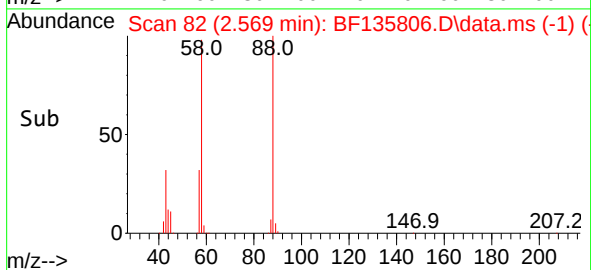
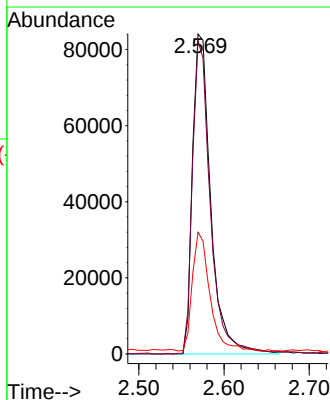
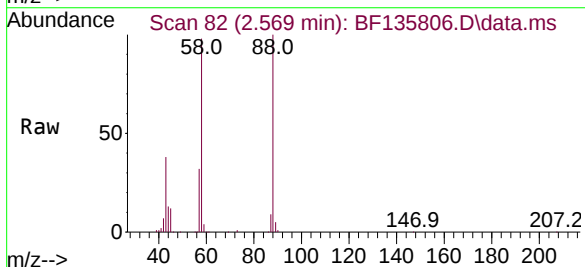
Instrument :
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 PB156118BSD

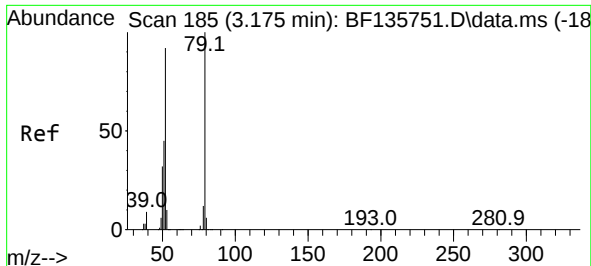
Tgt Ion:152 Resp: 126557
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.5 186.7
 115 58.6 49.0 73.4



#2
 1,4-Dioxane
 Concen: 32.949 ng
 RT: 2.569 min Scan# 82
 Delta R.T. 0.129 min
 Lab File: BF135806.D
 Acq: 17 Oct 2023 11:58

Tgt Ion: 88 Resp: 125102
 Ion Ratio Lower Upper
 88 100
 58 97.2 76.1 114.1
 43 36.1 29.8 44.8

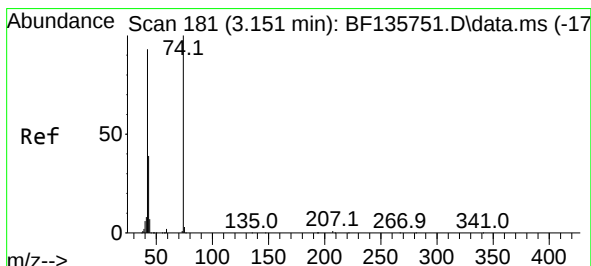
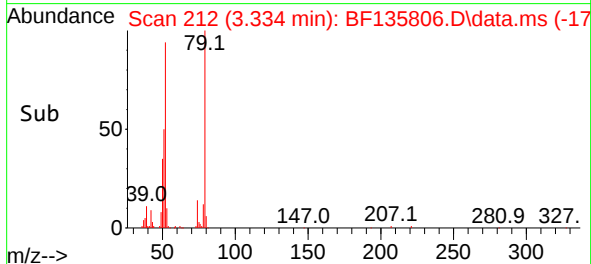
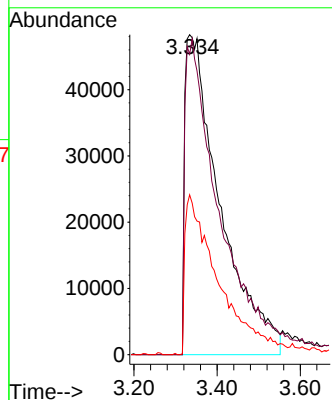
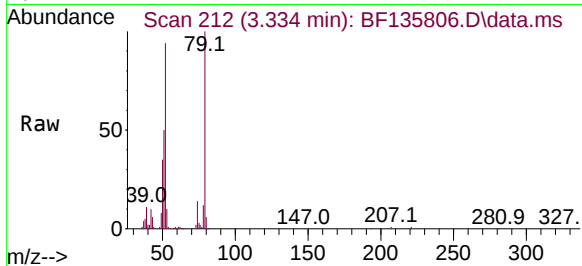




#3
 Pyridine
 Concen: 30.539 ng
 RT: 3.334 min Scan# 21
 Delta R.T. 0.147 min
 Lab File: BF135806.D
 Acq: 17 Oct 2023 11:58

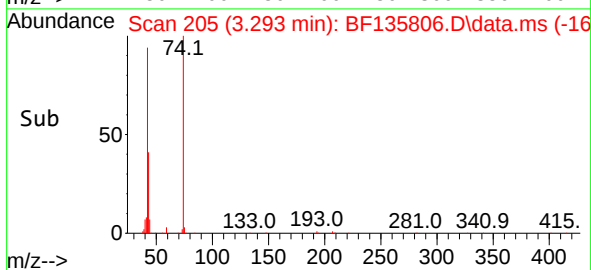
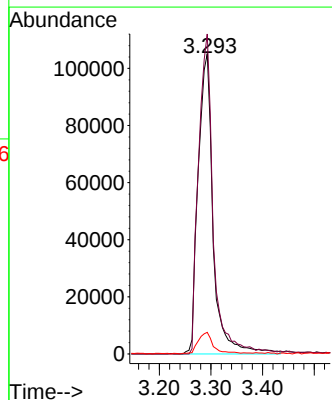
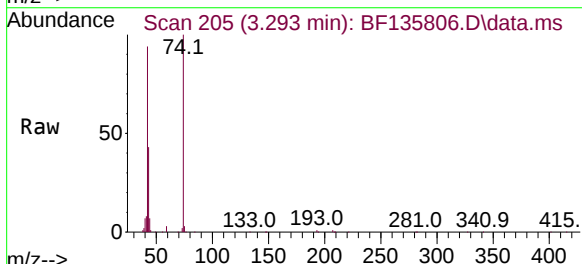
Instrument :
 BNA_F
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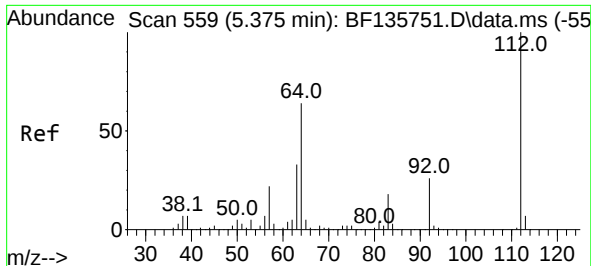
Tgt Ion: 79 Resp: 284497
 Ion Ratio Lower Upper
 79 100
 52 93.9 73.4 110.2
 51 50.0 36.5 54.7



#4
 n-Nitrosodimethylamine
 Concen: 42.318 ng
 RT: 3.293 min Scan# 205
 Delta R.T. 0.124 min
 Lab File: BF135806.D
 Acq: 17 Oct 2023 11:58

Tgt Ion: 42 Resp: 212007
 Ion Ratio Lower Upper
 42 100
 74 106.6 86.5 129.7
 44 7.2 5.9 8.9

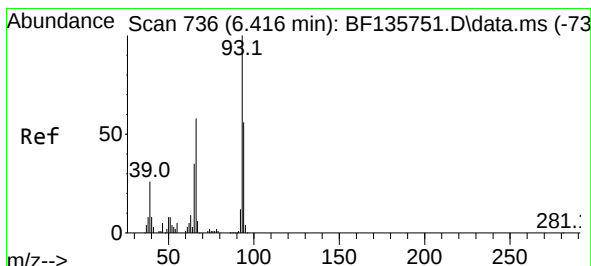
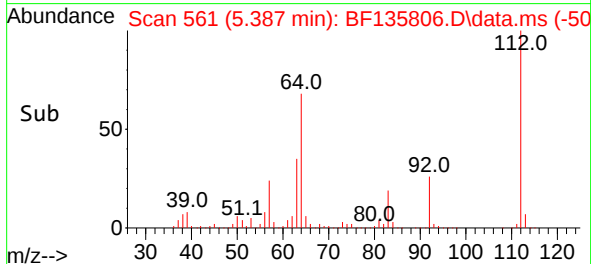
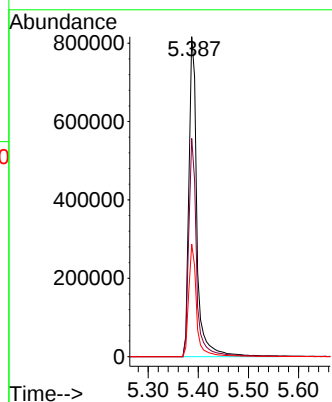
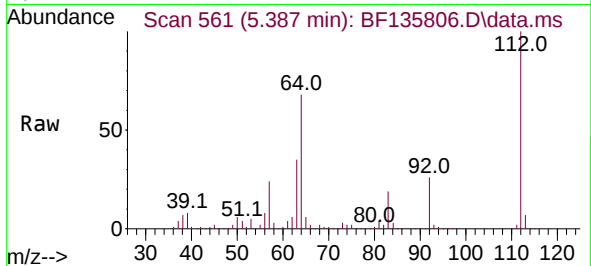




#5
2-Fluorophenol
Concen: 116.657 ng
RT: 5.387 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

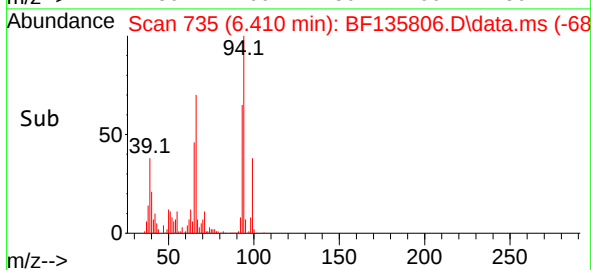
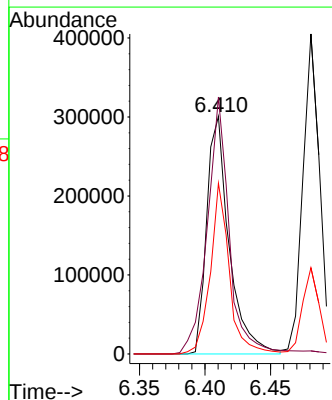
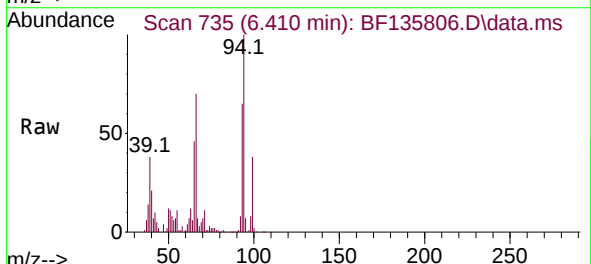
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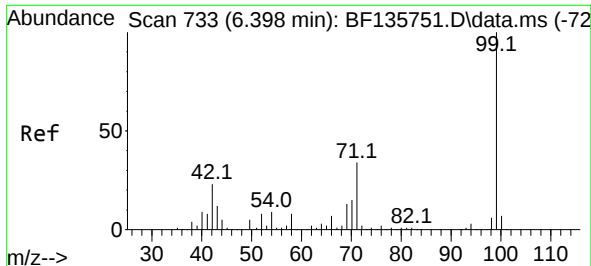
Tgt Ion:112 Resp: 918289
Ion Ratio Lower Upper
112 100
64 68.2 51.2 76.8
63 35.2 26.1 39.1



#6
Aniline
Concen: 29.031 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion: 93 Resp: 358831
Ion Ratio Lower Upper
93 100
66 108.2 47.6 71.4#
65 71.8 28.5 42.7#





#7

Phenol-d6

Concen: 115.422 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

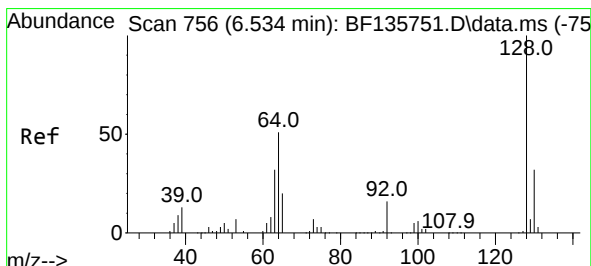
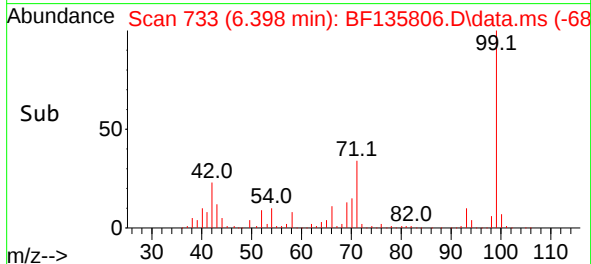
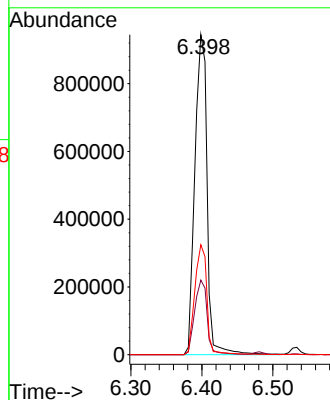
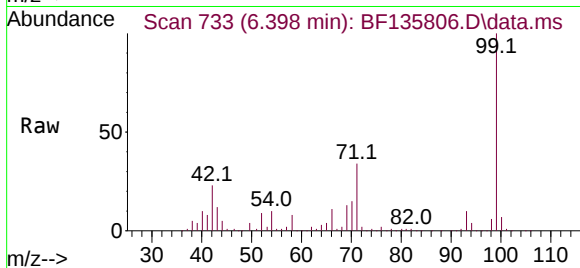
BNA_F

ClientSampleId :

PB156118BSD

Tgt Ion: 99 Resp: 1133638

Ion	Ratio	Lower	Upper
99	100		
42	23.3	18.4	27.6
71	34.4	27.2	40.8



#8

2-Chlorophenol

Concen: 44.530 ng

RT: 6.534 min Scan# 756

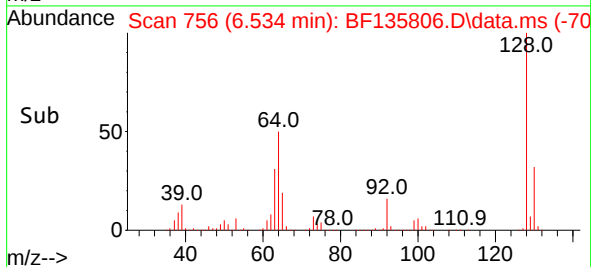
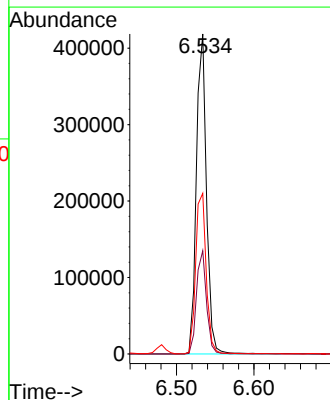
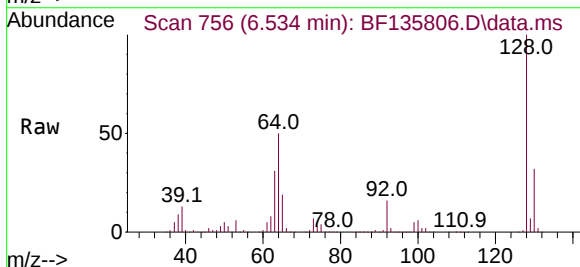
Delta R.T. 0.000 min

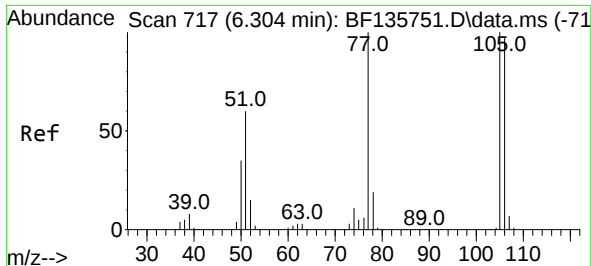
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Tgt Ion:128 Resp: 377992

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.4	52.4
64	50.2	32.3	72.3

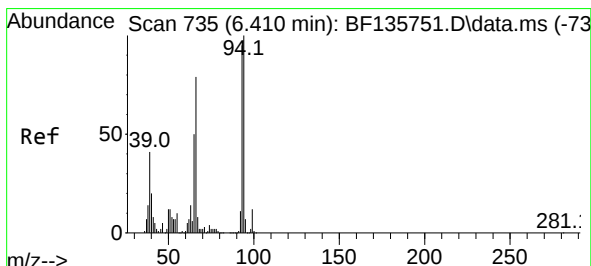
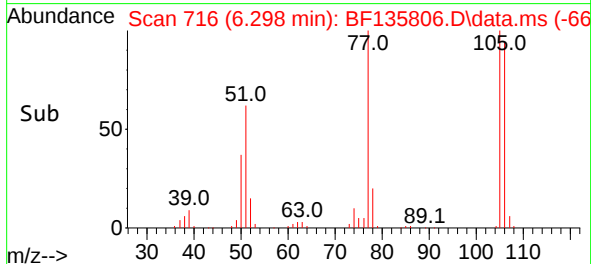
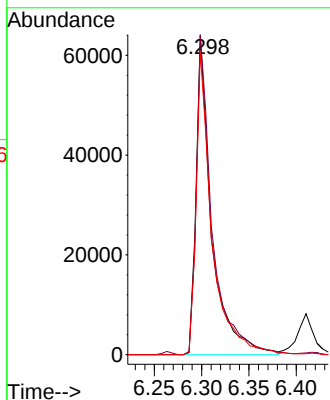
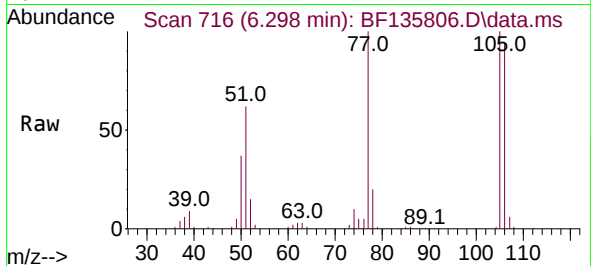




#9
Benzaldehyde
Concen: 13.076 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

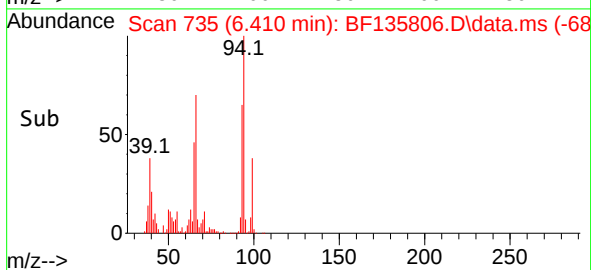
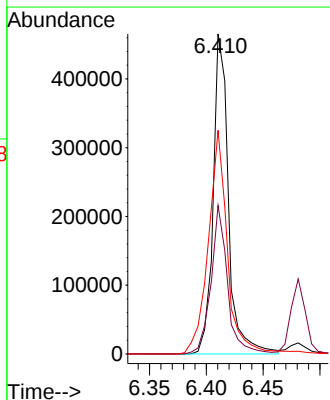
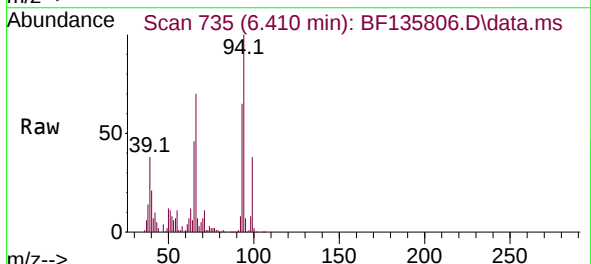
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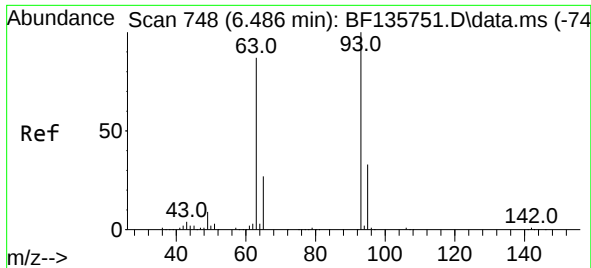
Tgt Ion: 77 Resp: 73097
Ion Ratio Lower Upper
77 100
105 100.3 79.9 119.9
106 94.8 77.1 117.1



#10
Phenol
Concen: 42.433 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135806.D
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Tgt Ion: 94 Resp: 436693
Ion Ratio Lower Upper
94 100
65 46.4 30.3 70.3
66 69.9 59.1 99.1

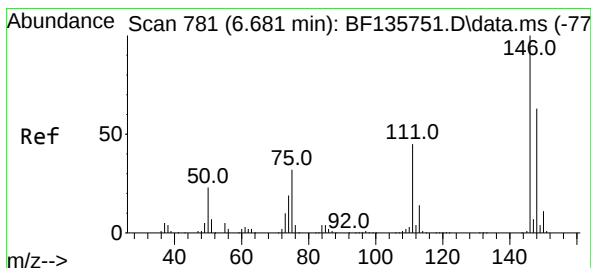
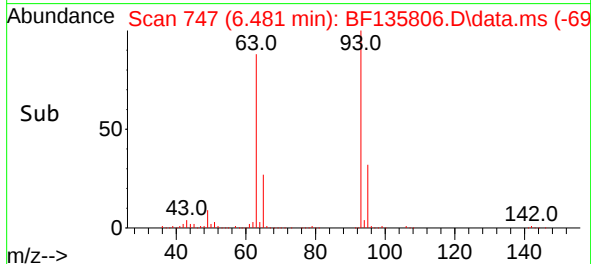
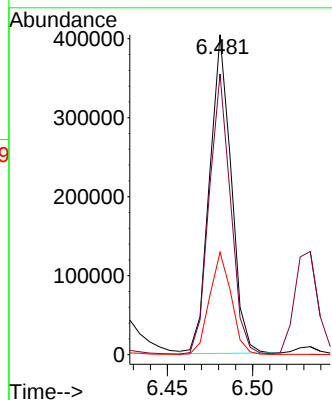
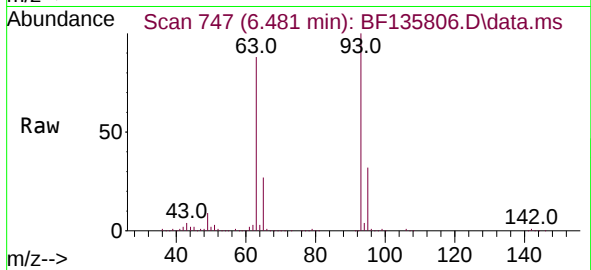




#11
bis(2-Chloroethyl)ether
Concen: 42.937 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

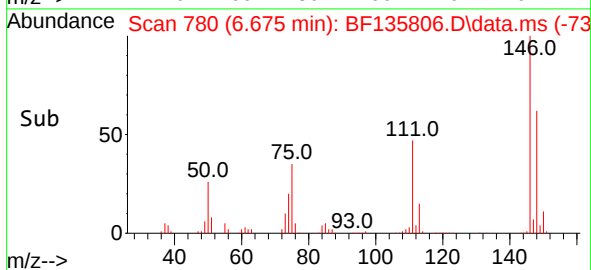
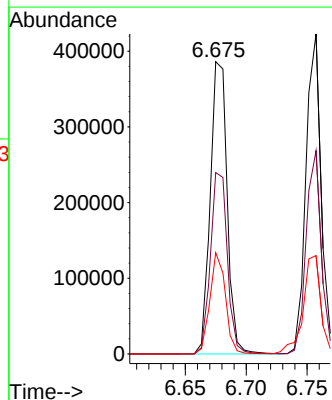
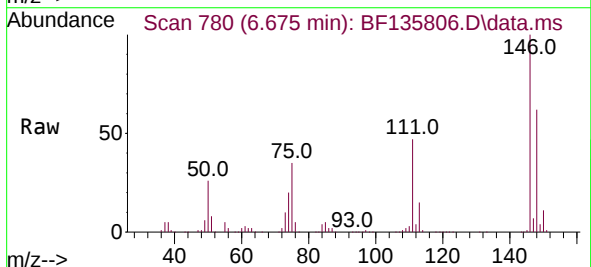
Instrument :
BNA_F
ClientSampleId :
PB156118BSD

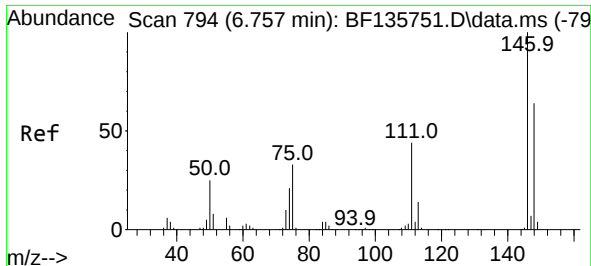
Tgt Ion: 93 Resp: 356045
Ion Ratio Lower Upper
93 100
63 87.7 66.3 106.3
95 32.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.314 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:146 Resp: 372744
Ion Ratio Lower Upper
146 100
148 62.1 50.2 75.4
75 34.7 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 42.678 ng

RT: 6.757 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

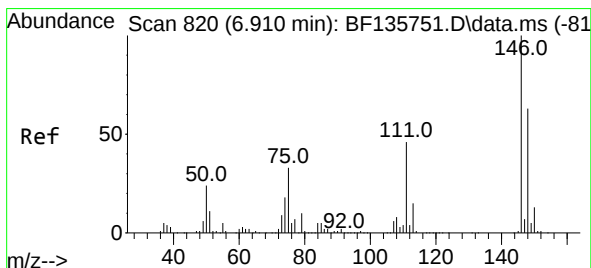
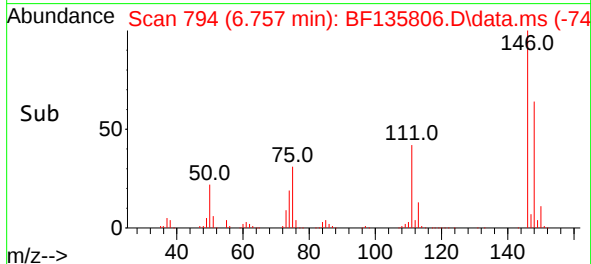
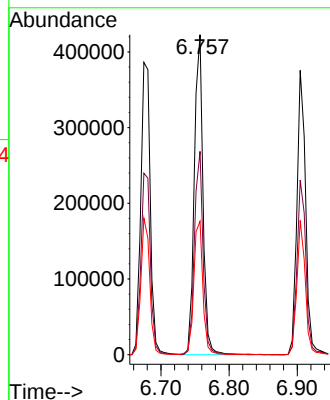
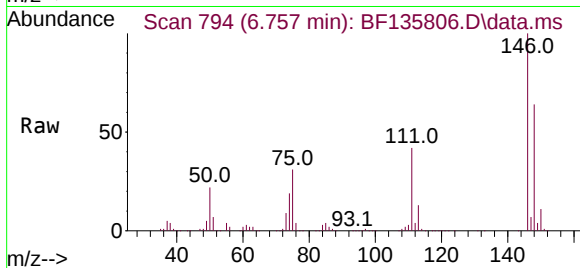
Tgt Ion:146 Resp: 372061

Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.6

111 41.7 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 42.418 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

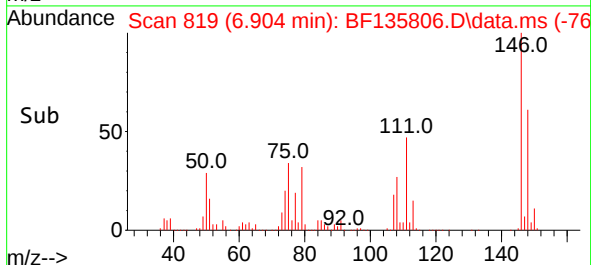
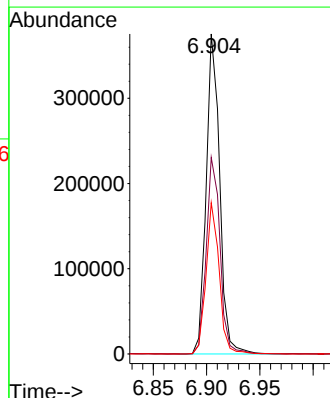
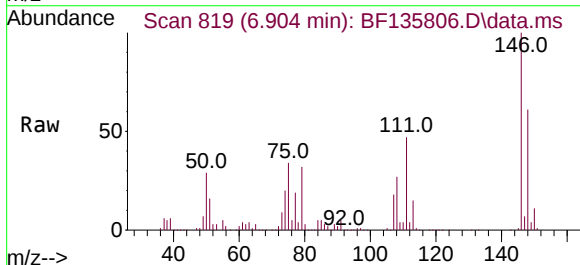
Tgt Ion:146 Resp: 332960

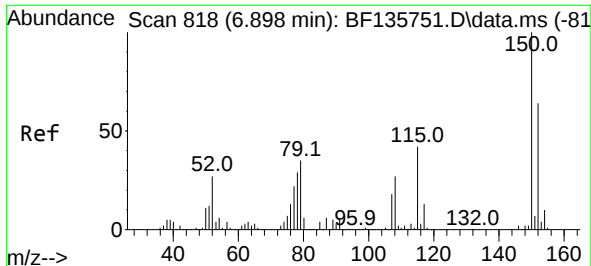
Ion Ratio Lower Upper

146 100

148 61.4 50.2 75.2

111 47.2 37.1 55.7

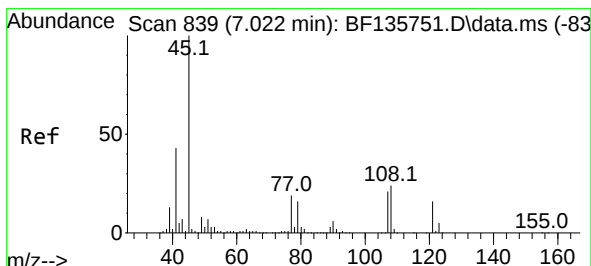
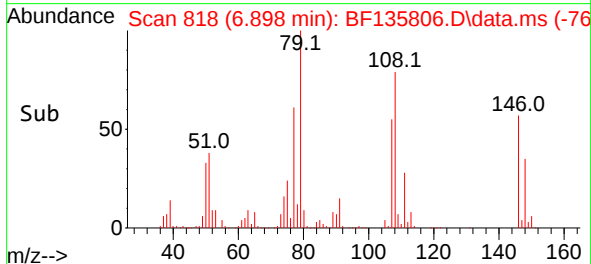
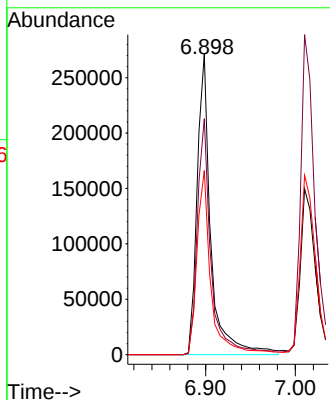
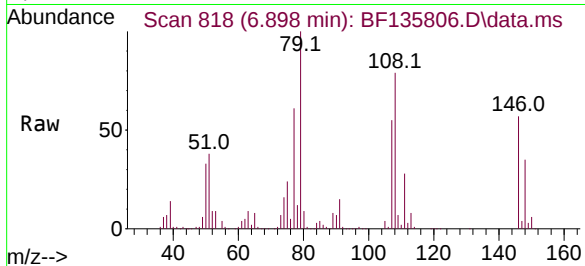




#15
Benzyl Alcohol
Concen: 44.164 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

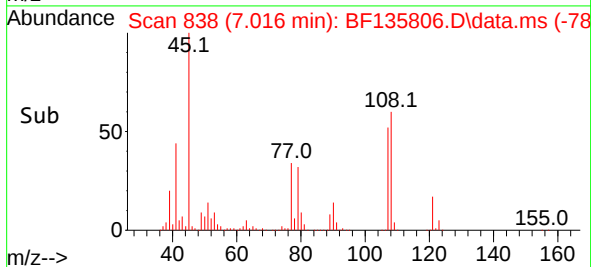
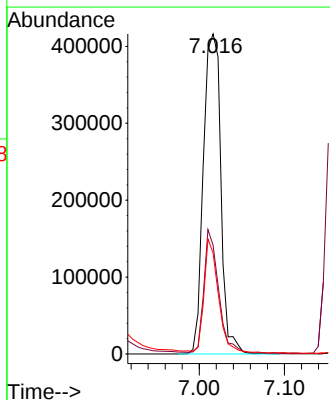
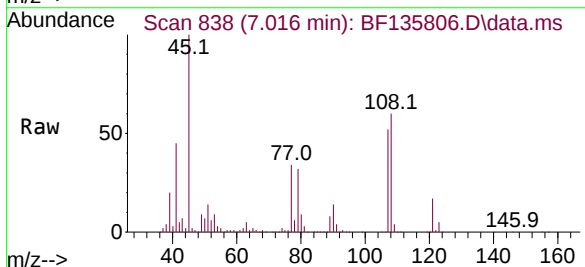
Instrument :
BNA_F
ClientSampleId :
PB156118BSD

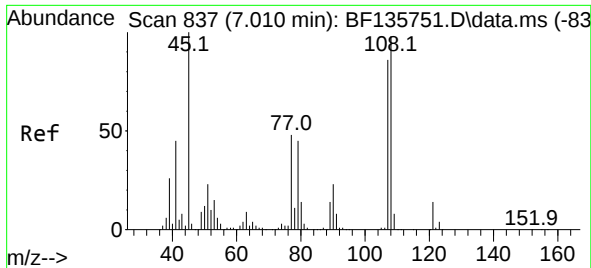
Tgt Ion: 79 Resp: 288413
Ion Ratio Lower Upper
79 100
108 78.6 62.0 93.0
77 61.3 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.472 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion: 45 Resp: 591960
Ion Ratio Lower Upper
45 100
77 34.0 0.0 39.8
79 31.5 0.0 37.6

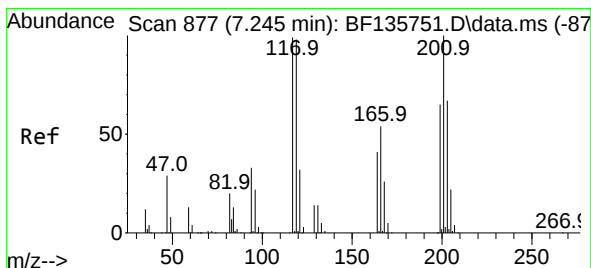
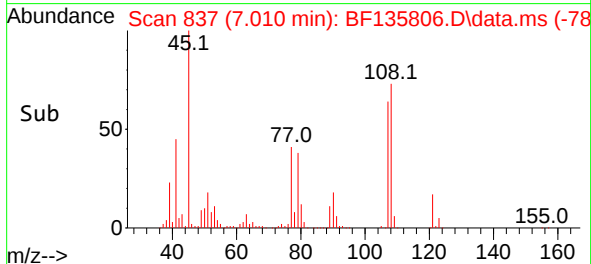
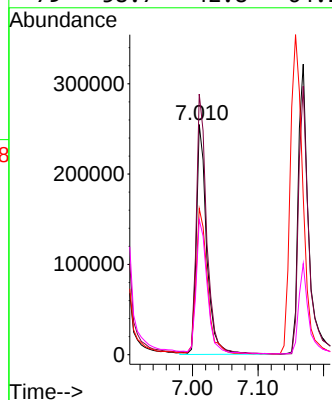
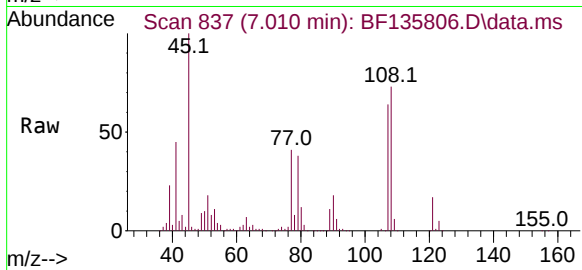




#17
2-Methylphenol
Concen: 38.255 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

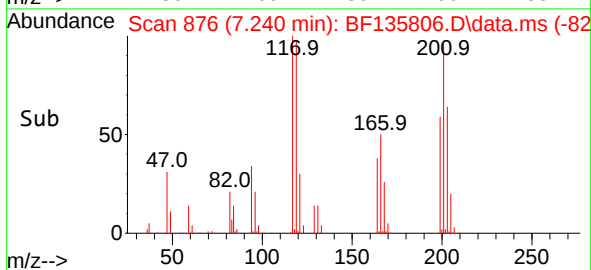
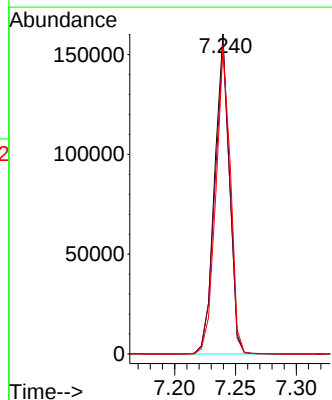
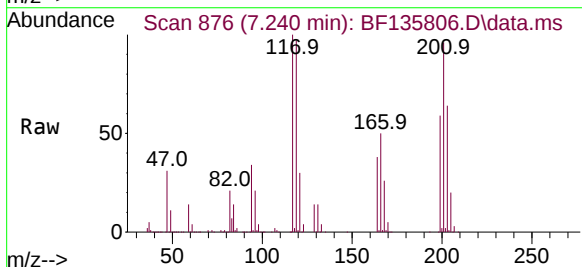
Instrument :
BNA_F
ClientSampleId :
PB156118BSD

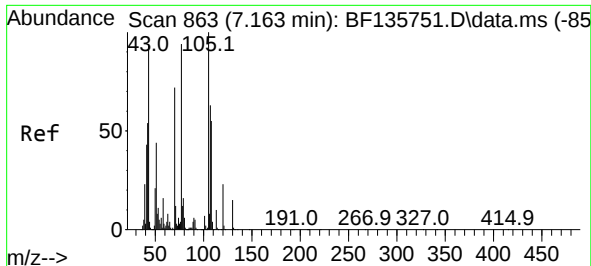
Tgt Ion:	107	Resp:	281115
Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.8	137.6
77	63.5	45.4	68.0
79	58.7	42.8	64.2



#18
Hexachloroethane
Concen: 42.779 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:	117	Resp:	135220
Ion	Ratio	Lower	Upper
117	100		
119	96.8	79.5	119.3
201	95.6	80.9	121.3

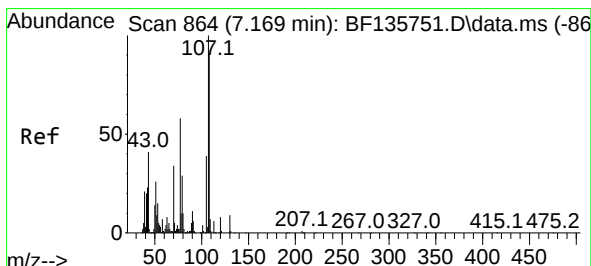
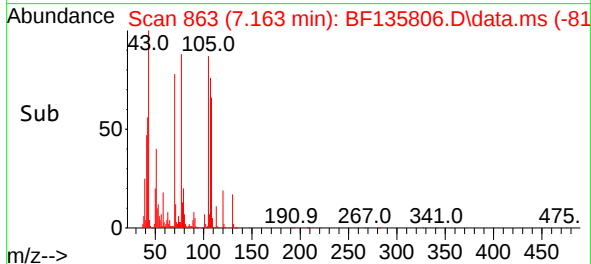
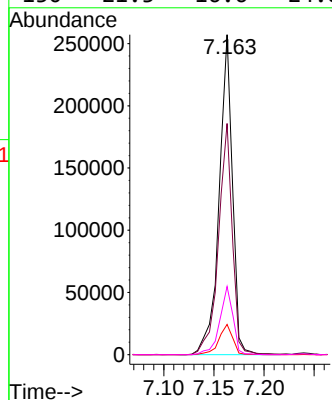
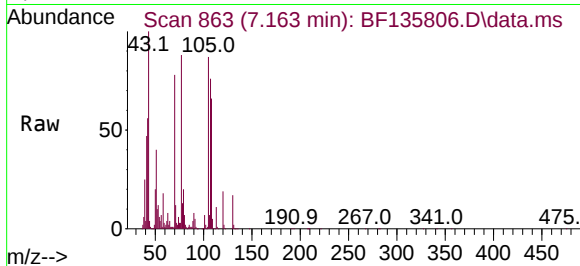




#19
n-Nitroso-di-n-propylamine
Concen: 39.016 ng
RT: 7.163 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

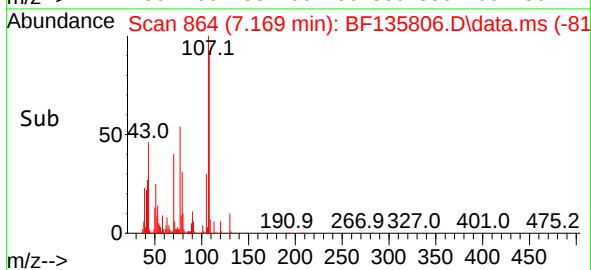
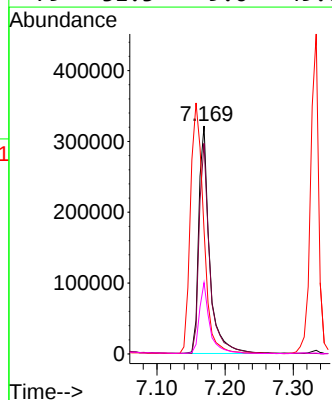
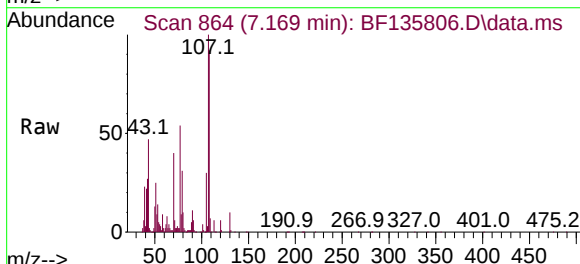
Instrument :
BNA_F
ClientSampleId :
PB156118BSD

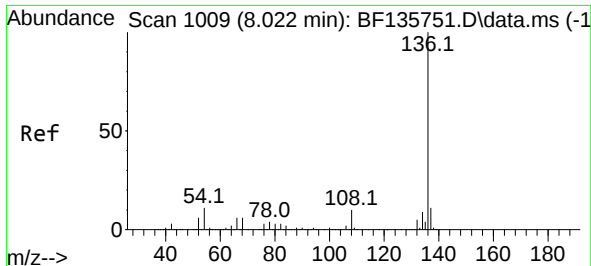
Tgt Ion: 70 Resp: 236938
Ion Ratio Lower Upper
70 100
42 72.3 59.8 89.6
101 9.4 7.4 11.2
130 21.3 16.6 24.8



#20
3+4-Methylphenols
Concen: 38.341 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion: 107 Resp: 351245
Ion Ratio Lower Upper
107 100
108 92.4 71.1 111.1
77 54.4 42.0 82.0
79 31.3 9.6 49.6

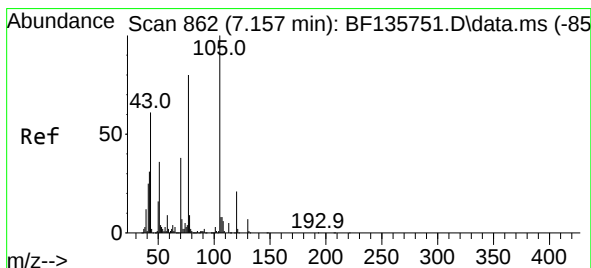
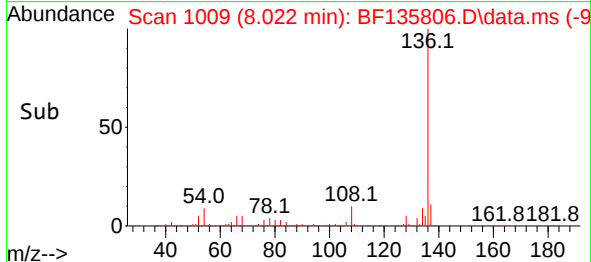
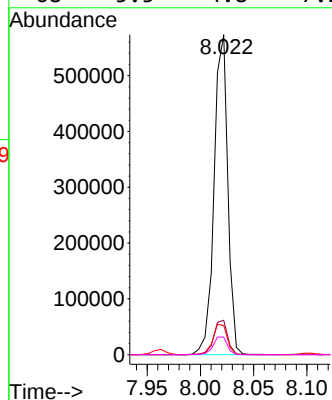
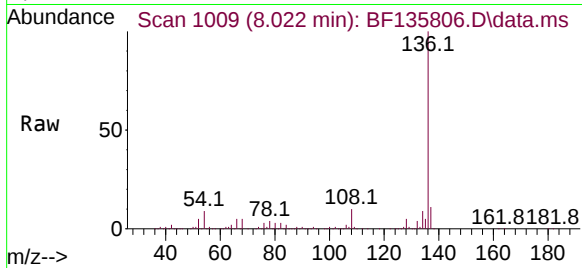




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

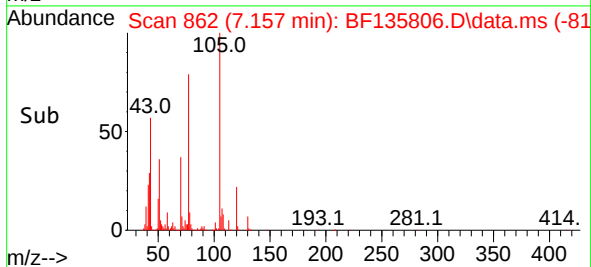
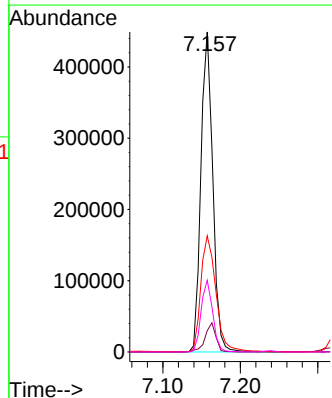
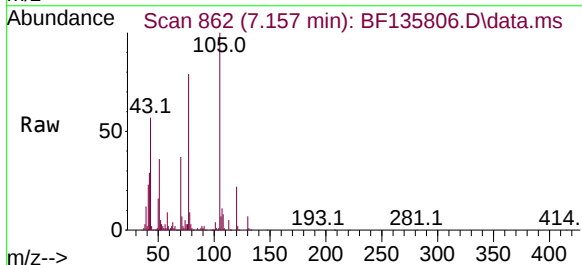
Instrument :
BNA_F
ClientSampleId :
PB156118BSD

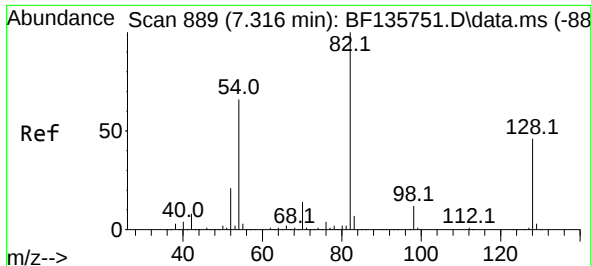
Tgt Ion:	136	Resp:	512507
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.2	8.5	12.7
68	5.5	4.8	7.2



#22
Acetophenone
Concen: 40.570 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:	105	Resp:	476856
Ion	Ratio	Lower	Upper
105	100		
71	6.6	5.4	8.0
51	36.3	29.4	44.0
120	22.4	16.9	25.3

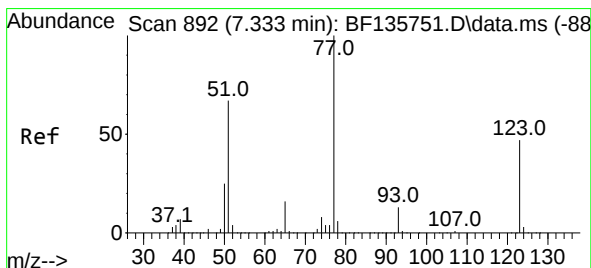
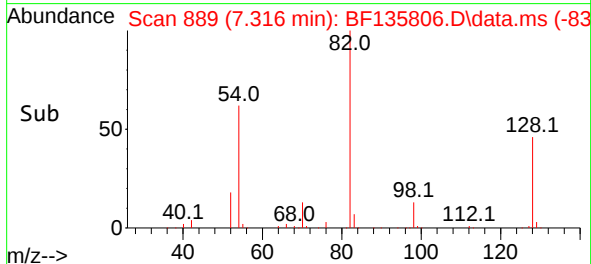
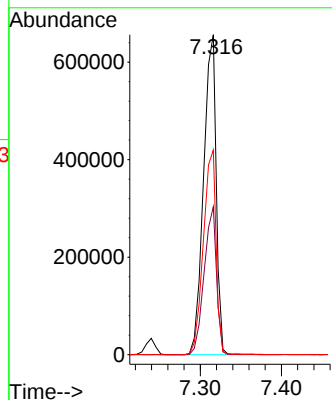
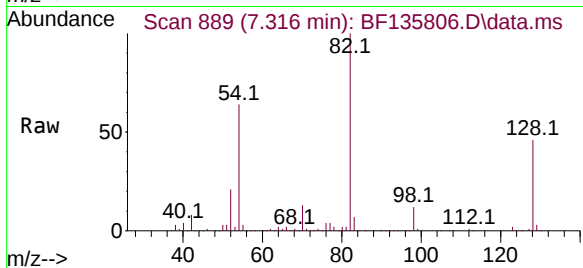




#23
Nitrobenzene-d5
Concen: 76.027 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

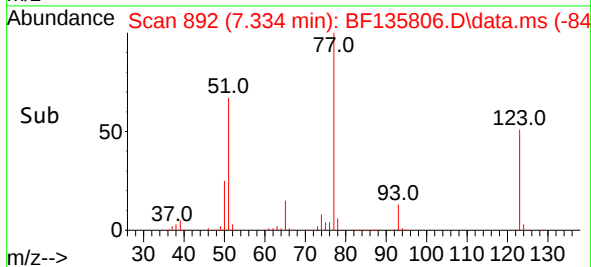
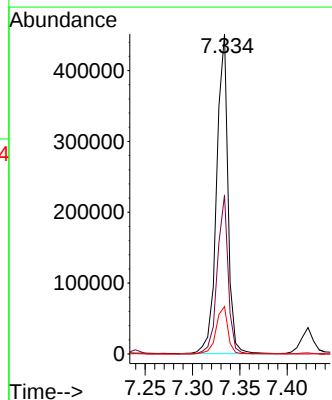
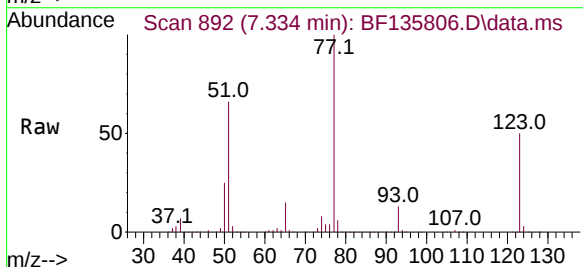
Instrument :
BNA_F
ClientSampleId :
PB156118BSD

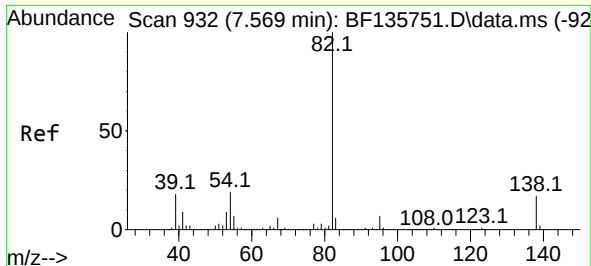
Tgt Ion: 82 Resp: 708454
Ion Ratio Lower Upper
82 100
128 46.2 37.0 55.6
54 64.0 52.8 79.2



#24
Nitrobenzene
Concen: 39.918 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion: 77 Resp: 373325
Ion Ratio Lower Upper
77 100
123 49.7 37.3 55.9
65 14.8 12.6 18.8

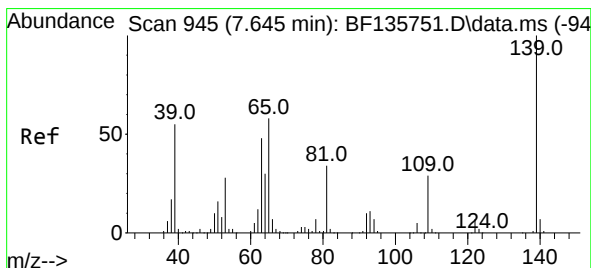
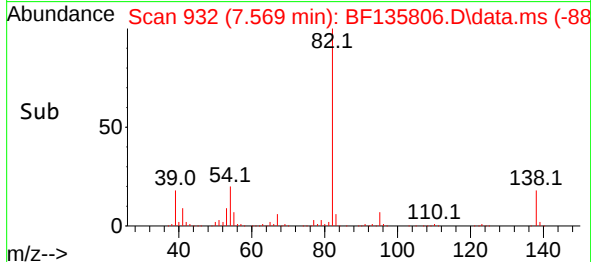
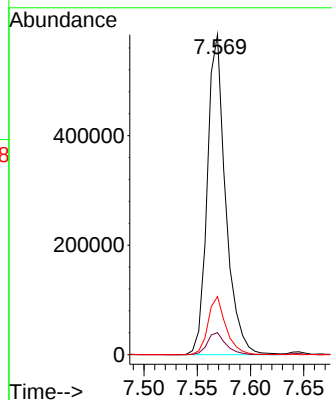
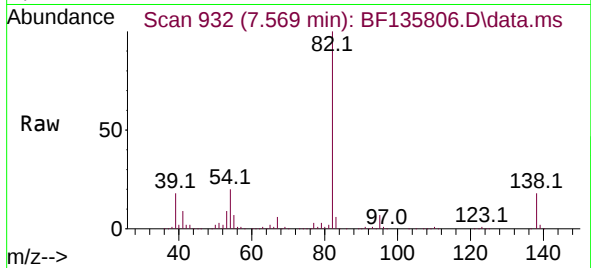




#25
Isophorone
Concen: 39.924 ng
RT: 7.569 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

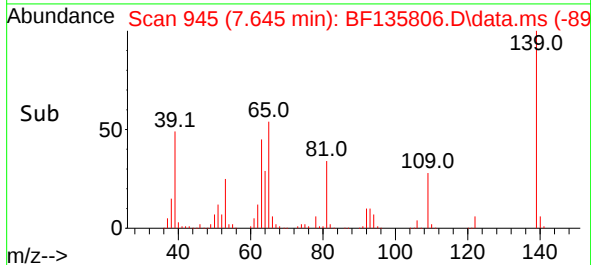
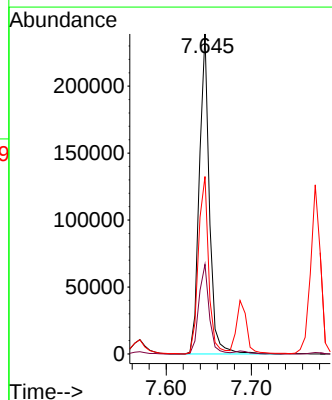
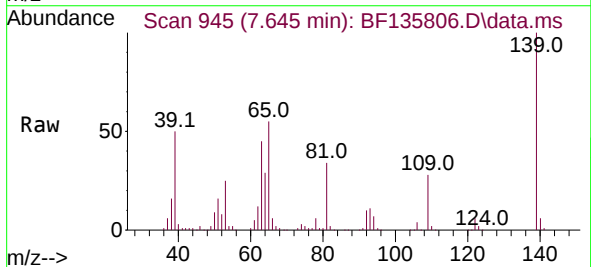
Instrument :
BNA_F
ClientSampleId :
PB156118BSD

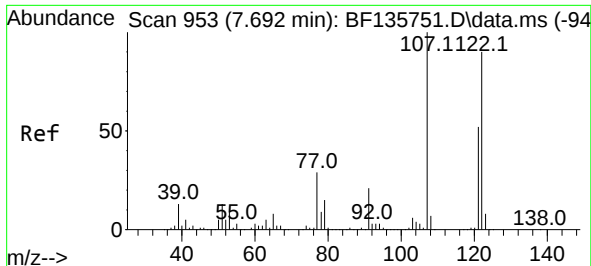
Tgt Ion: 82 Resp: 701859
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.2 13.9 20.9



#26
2-Nitrophenol
Concen: 43.164 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:139 Resp: 197000
Ion Ratio Lower Upper
139 100
109 28.0 23.0 34.4
65 55.4 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 39.531 ng

RT: 7.687 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

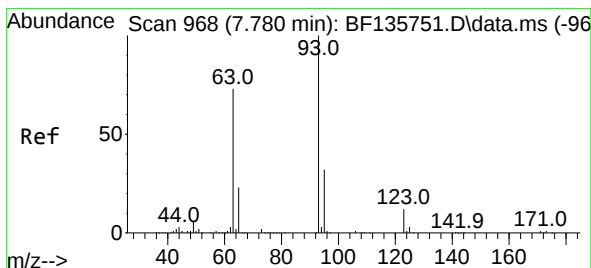
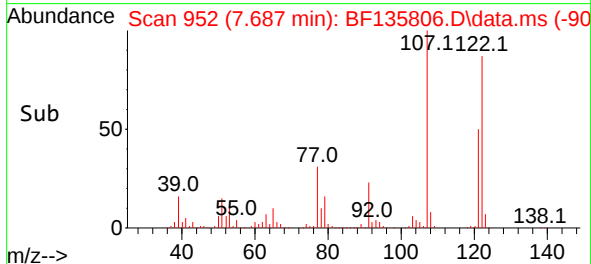
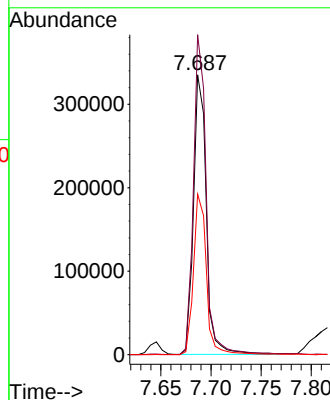
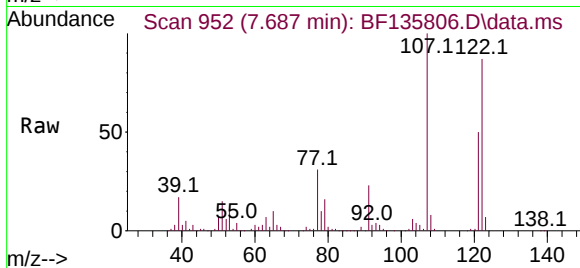
Tgt Ion:122 Resp: 297016

Ion Ratio Lower Upper

122 100

107 114.4 88.2 132.4

121 57.4 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 40.508 ng

RT: 7.775 min Scan# 967

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

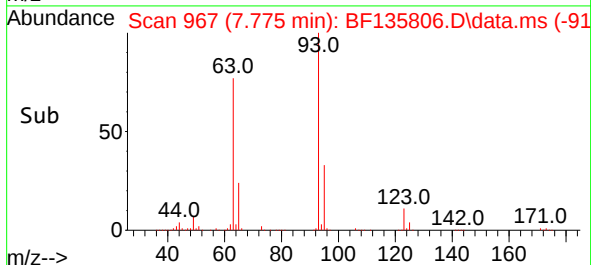
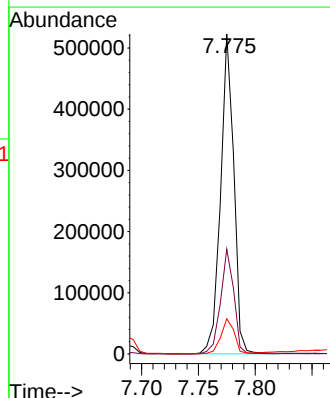
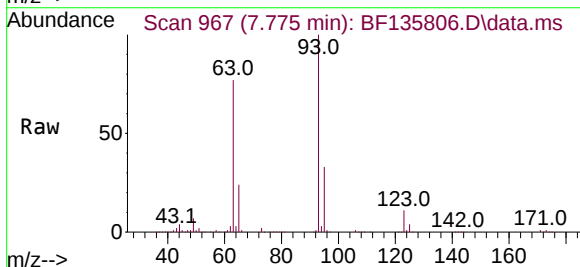
Tgt Ion: 93 Resp: 424090

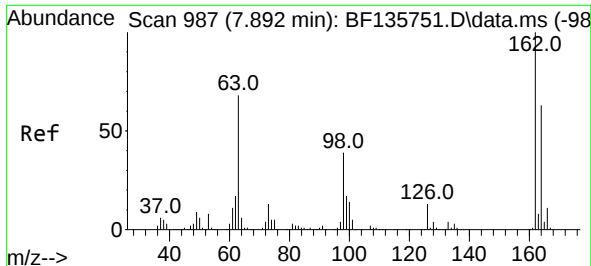
Ion Ratio Lower Upper

93 100

95 32.7 25.7 38.5

123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 43.666 ng

RT: 7.893 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

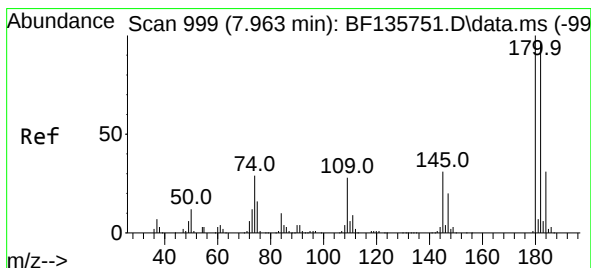
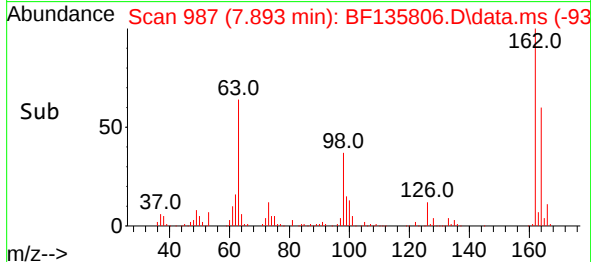
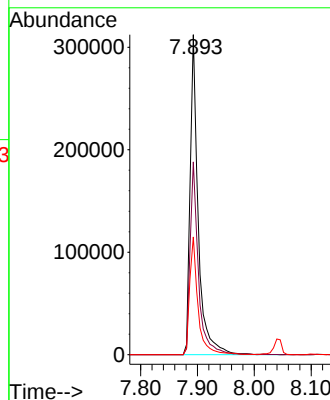
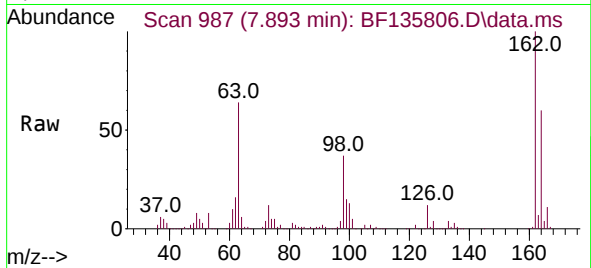
Tgt Ion:162 Resp: 307455

Ion Ratio Lower Upper

162 100

164 60.2 43.4 83.4

98 36.8 19.0 59.0



#30

1,2,4-Trichlorobenzene

Concen: 42.725 ng

RT: 7.963 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

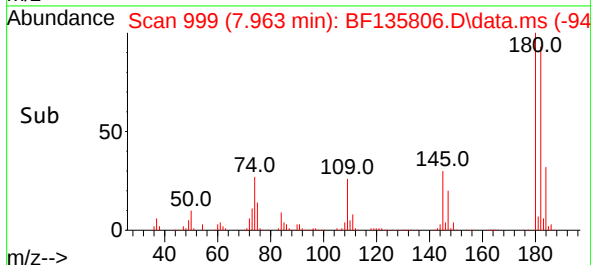
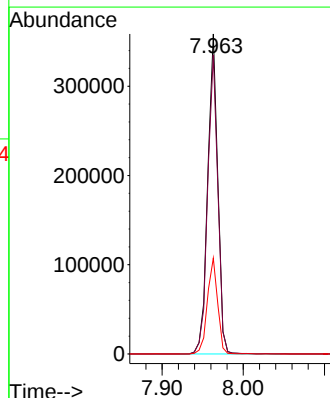
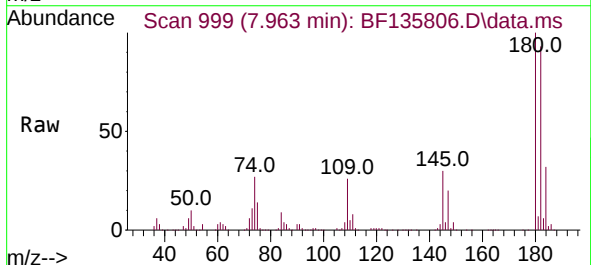
Tgt Ion:180 Resp: 307685

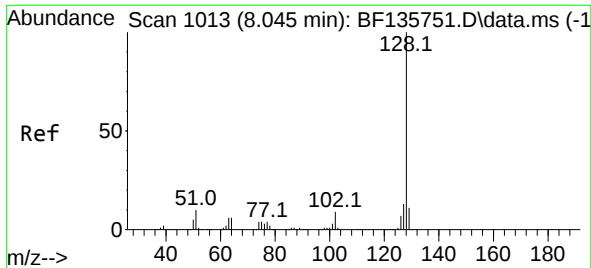
Ion Ratio Lower Upper

180 100

182 93.4 76.4 114.6

145 30.0 25.0 37.6

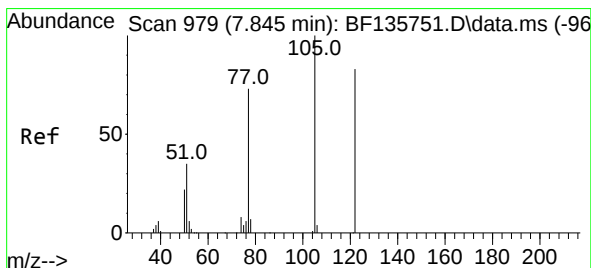
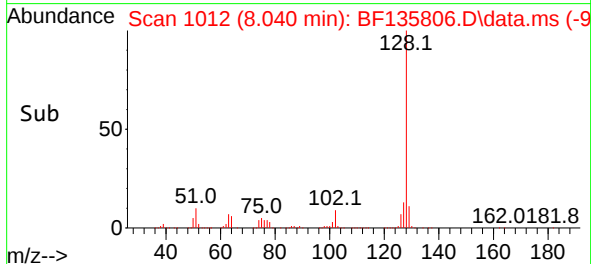
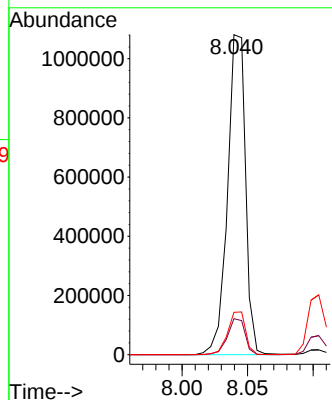
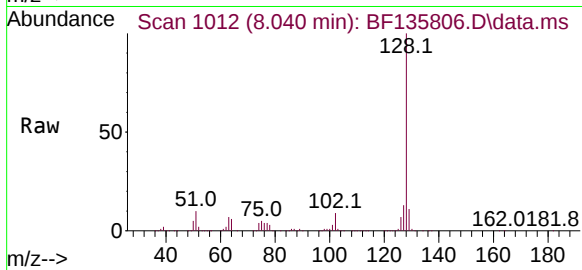




#31
Naphthalene
Concen: 41.284 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

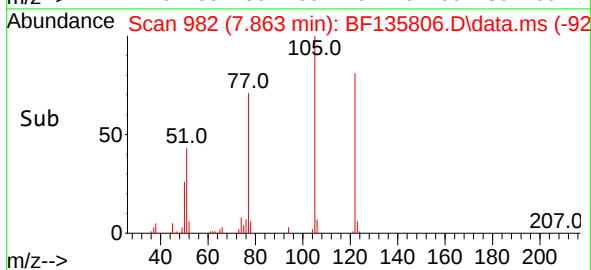
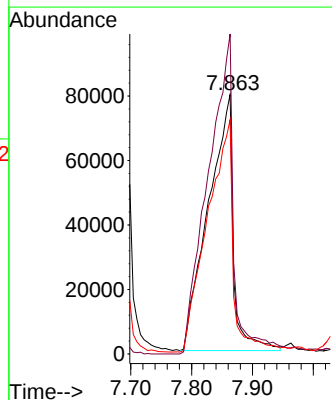
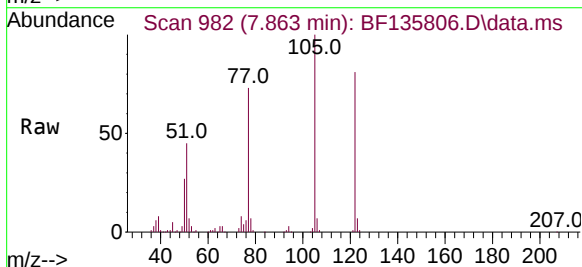
Instrument :
BNA_F
ClientSampleId :
PB156118BSD

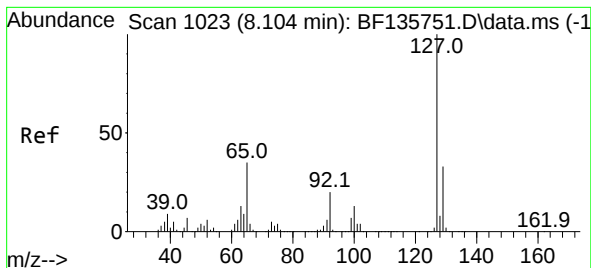
Tgt Ion:128 Resp: 1032014
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.3 10.2 15.4



#32
Benzoic acid
Concen: 44.551 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.012 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:122 Resp: 226582
Ion Ratio Lower Upper
122 100
105 123.3 98.7 138.7
77 90.3 67.8 107.8





#33

4-Chloroaniline

Concen: 21.499 ng

RT: 8.104 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

Tgt Ion:127 Resp: 234767

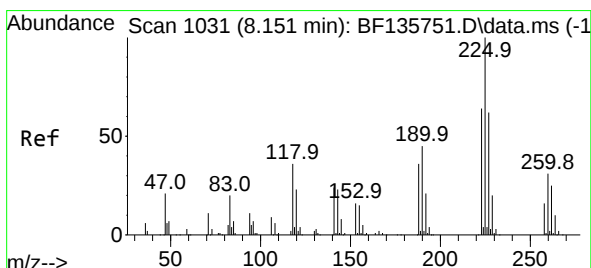
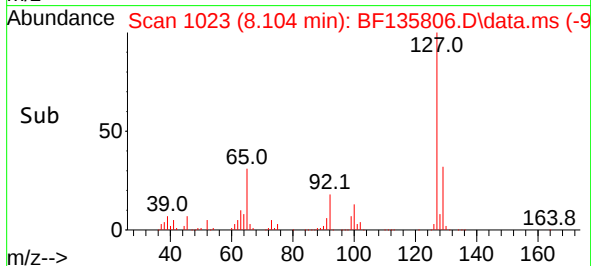
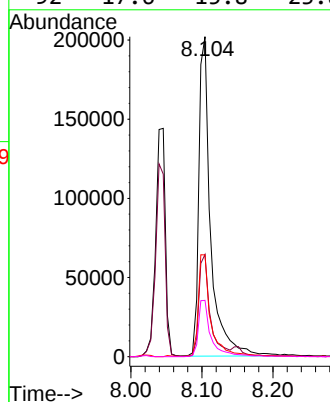
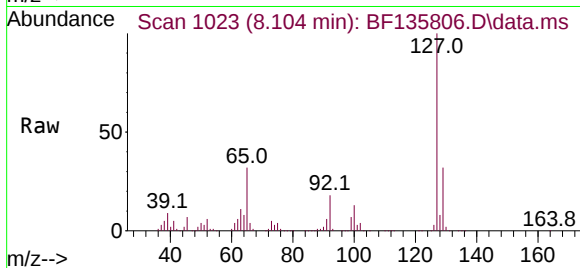
Ion Ratio Lower Upper

127 100

129 31.9 26.5 39.7

65 31.8 27.9 41.9

92 17.6 15.8 23.8



#34

Hexachlorobutadiene

Concen: 43.222 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

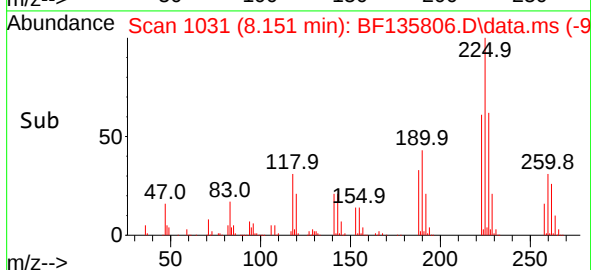
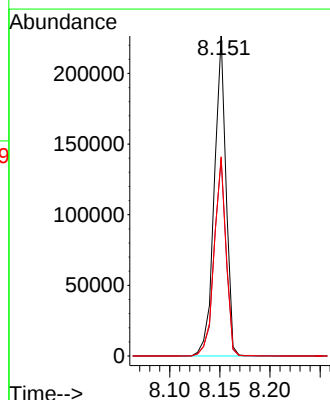
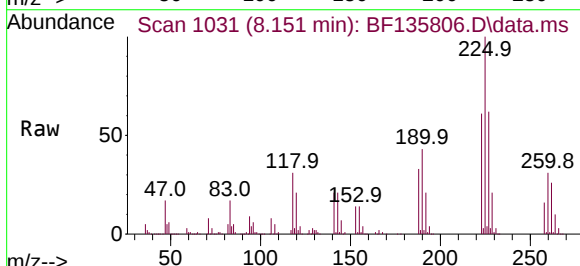
Tgt Ion:225 Resp: 184239

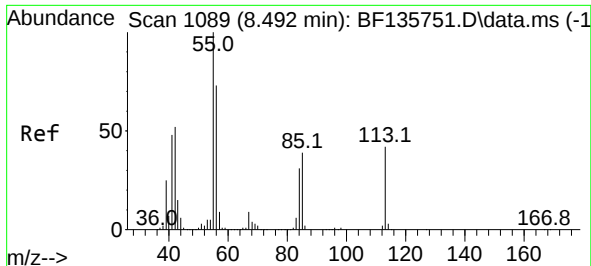
Ion Ratio Lower Upper

225 100

223 61.5 51.1 76.7

227 62.3 49.7 74.5

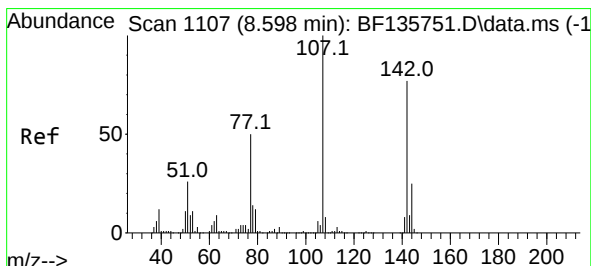
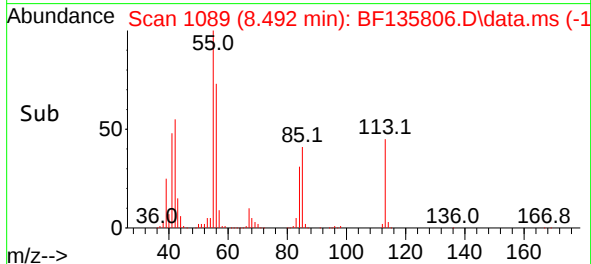
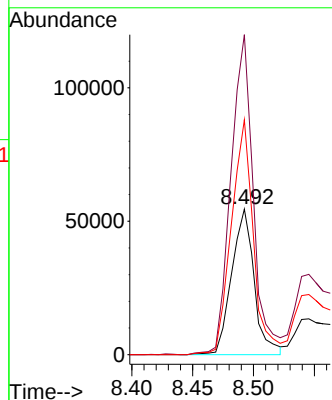
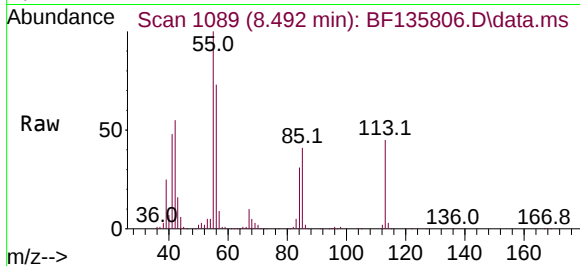




#35
Caprolactam
Concen: 29.294 ng
RT: 8.492 min Scan# 1089
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

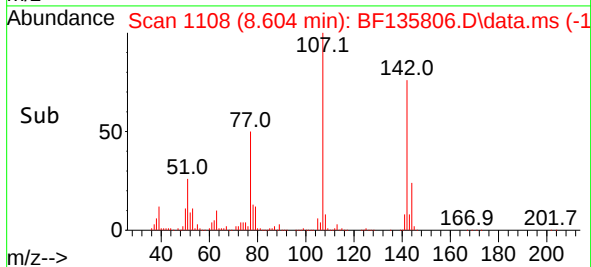
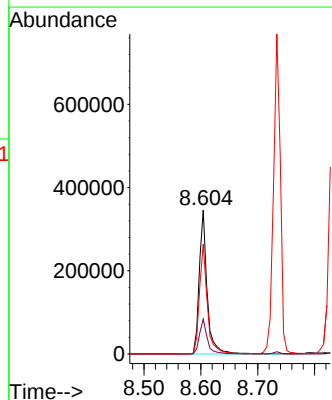
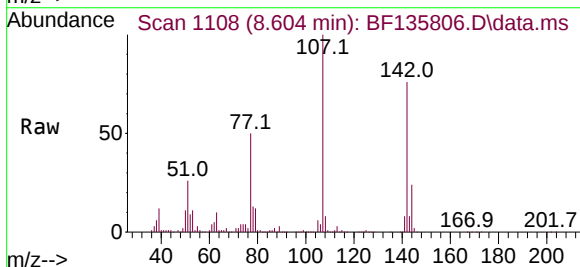
Instrument :
BNA_F
ClientSampleId :
PB156118BSD

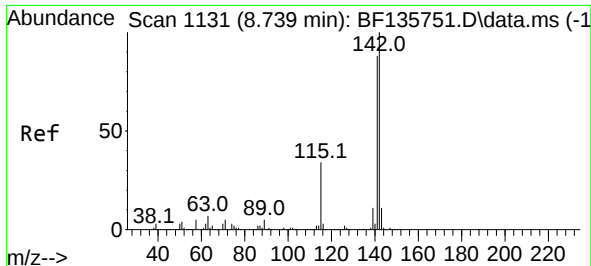
Tgt Ion:113 Resp: 70513
Ion Ratio Lower Upper
113 100
55 219.9 217.4 257.4
56 161.4 153.1 193.1



#36
4-Chloro-3-methylphenol
Concen: 43.044 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:107 Resp: 336106
Ion Ratio Lower Upper
107 100
144 24.3 19.8 29.8
142 76.1 61.3 91.9





#37

2-Methylnaphthalene

Concen: 39.014 ng

RT: 8.734 min Scan# 1131

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

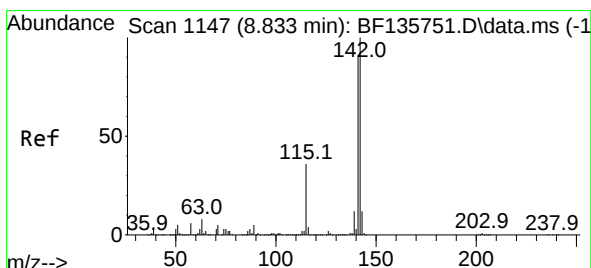
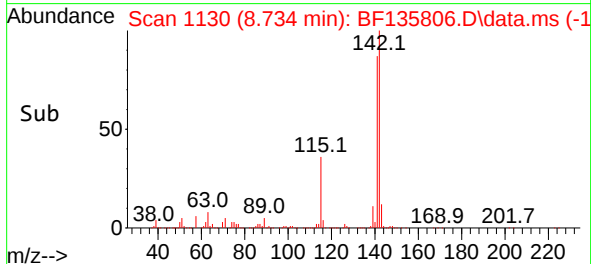
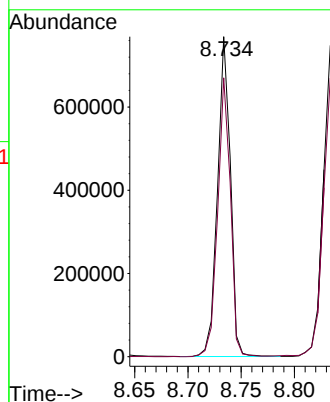
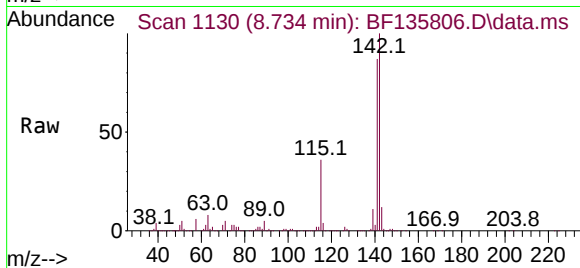
PB156118BSD

Tgt Ion:142 Resp: 642552

Ion Ratio Lower Upper

142 100

141 87.1 70.6 105.8



#38

1-Methylnaphthalene

Concen: 39.922 ng

RT: 8.834 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF135806.D

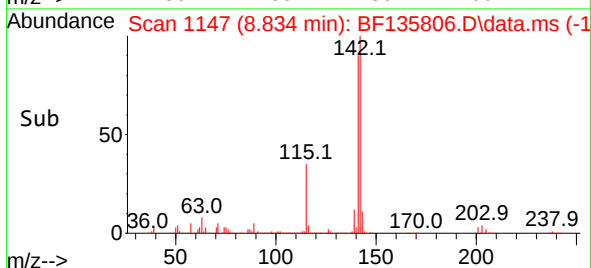
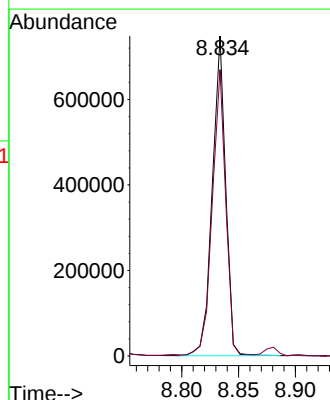
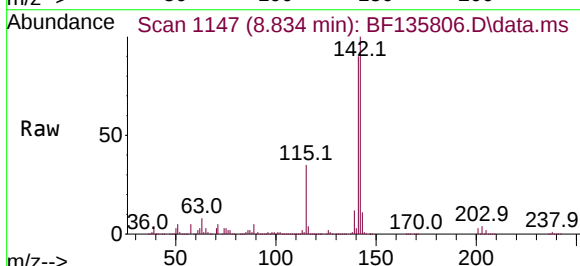
Acq: 17 Oct 2023 11:58

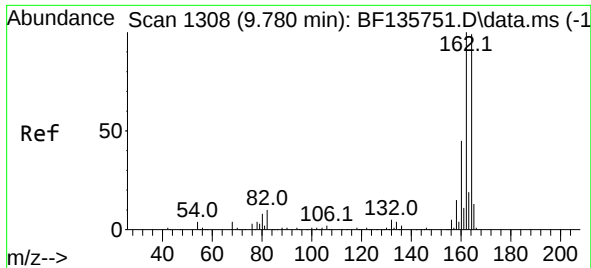
Tgt Ion:142 Resp: 606445

Ion Ratio Lower Upper

142 100

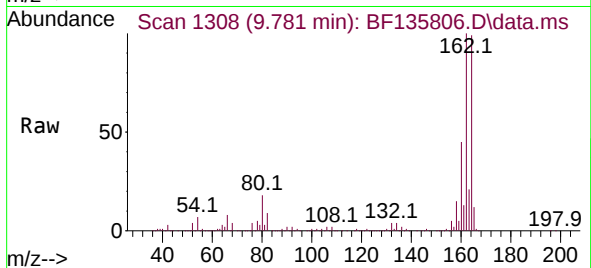
141 89.5 72.7 109.1





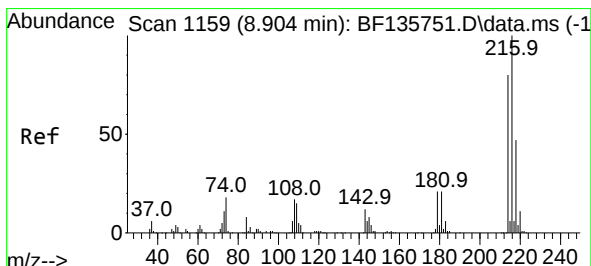
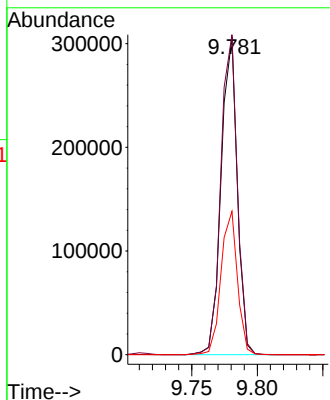
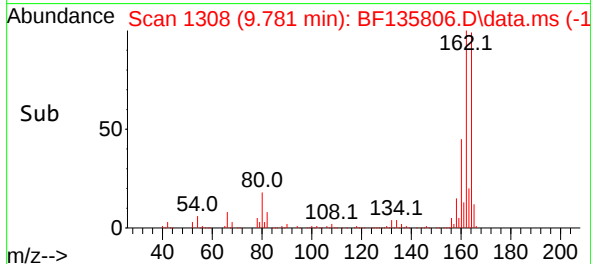
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Instrument :
BNA_F
ClientSampleId :
PB156118BSD

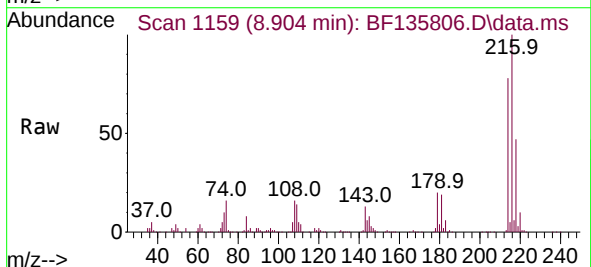


Tgt Ion:164 Resp: 261066

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.8	121.2
160	45.1	36.6	54.8

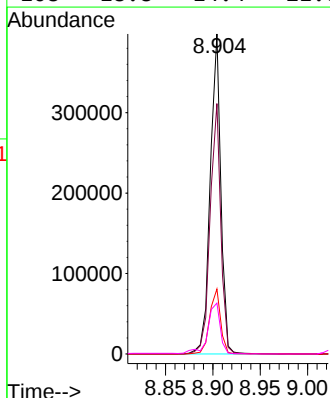
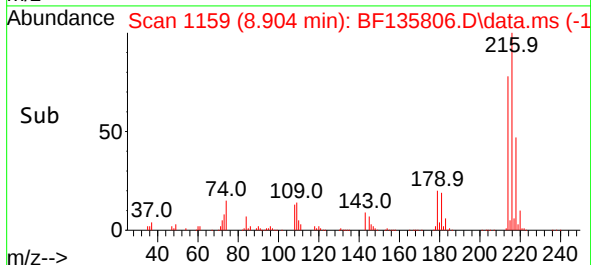


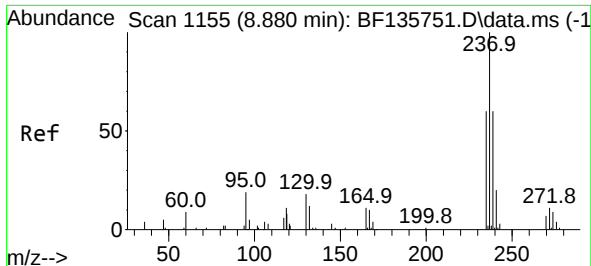
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.080 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58



Tgt Ion:216 Resp: 308497

Ion	Ratio	Lower	Upper
216	100		
214	78.9	64.0	96.0
179	20.9	16.9	25.3
108	18.8	14.4	21.6

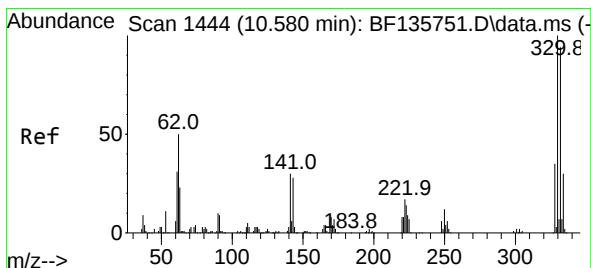
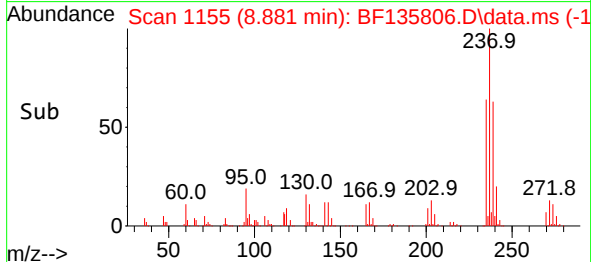
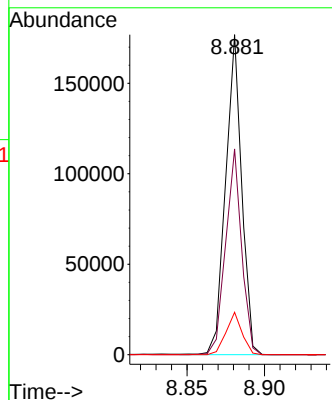
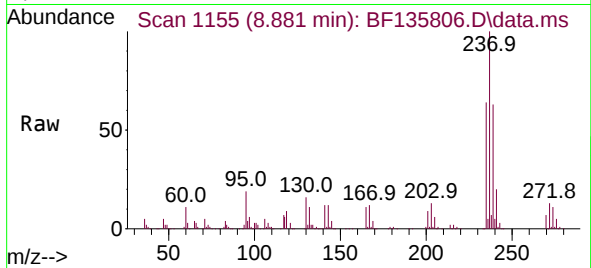




#41
Hexachlorocyclopentadiene
Concen: 81.203 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

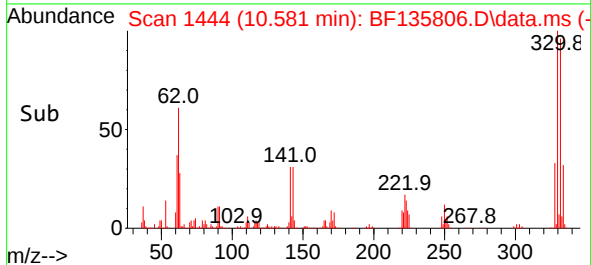
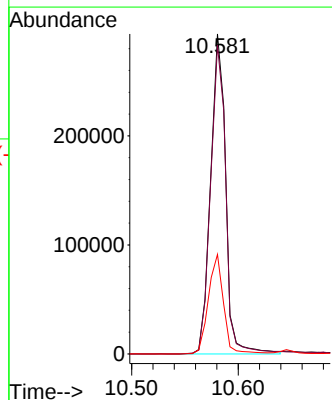
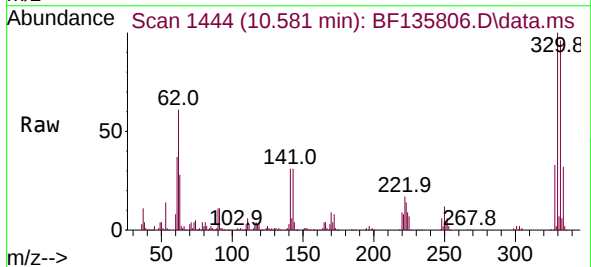
Instrument :
BNA_F
ClientSampleId :
PB156118BSD

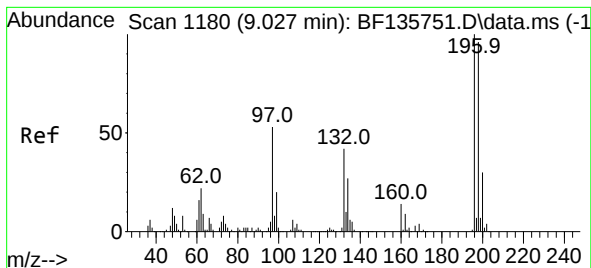
Tgt Ion:237 Resp: 127850
Ion Ratio Lower Upper
237 100
235 64.3 40.0 80.0
272 13.3 0.0 30.9



#42
2,4,6-Tribromophenol
Concen: 115.643 ng
RT: 10.581 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:330 Resp: 289702
Ion Ratio Lower Upper
330 100
332 99.3 75.0 112.4
141 31.3 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 41.992 ng

RT: 9.028 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

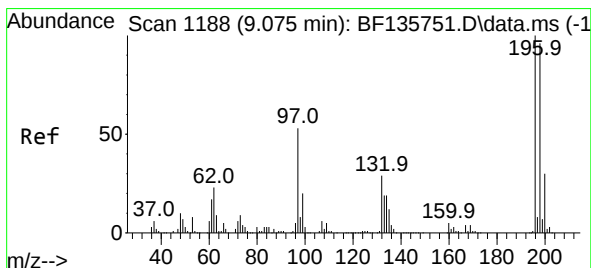
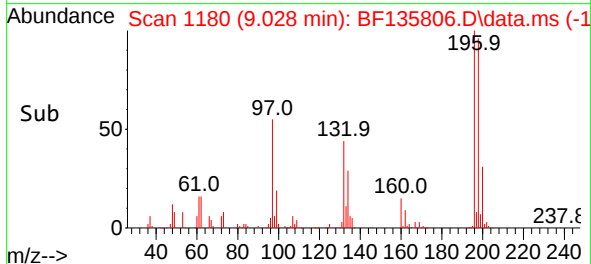
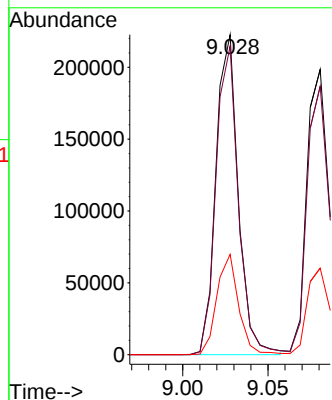
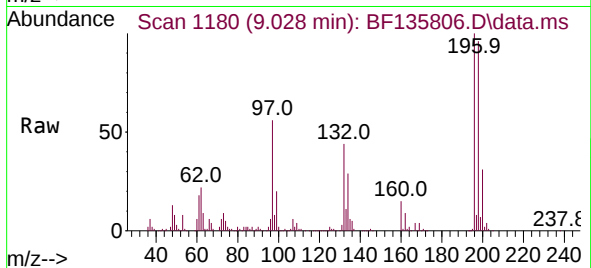
Tgt Ion:196 Resp: 203212

Ion Ratio Lower Upper

196 100

198 96.5 76.7 115.1

200 31.4 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 38.293 ng

RT: 9.081 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Tgt Ion:196 Resp: 215534

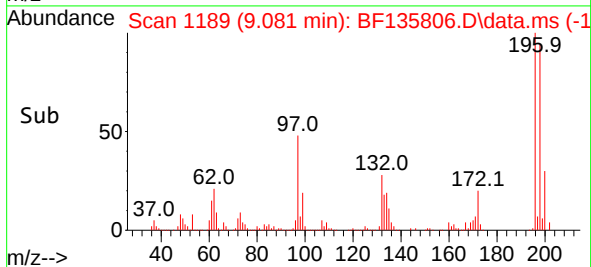
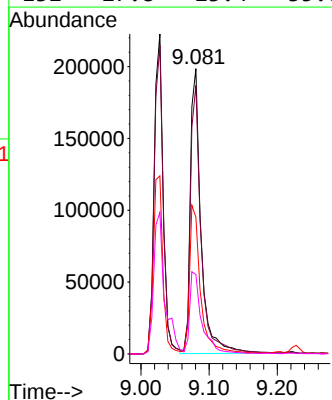
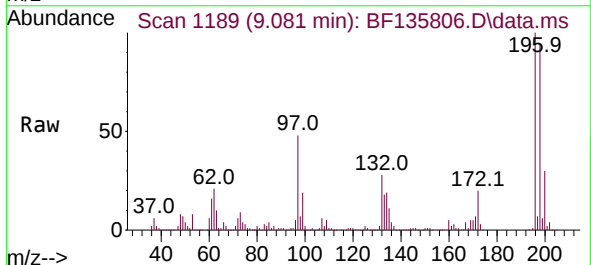
Ion Ratio Lower Upper

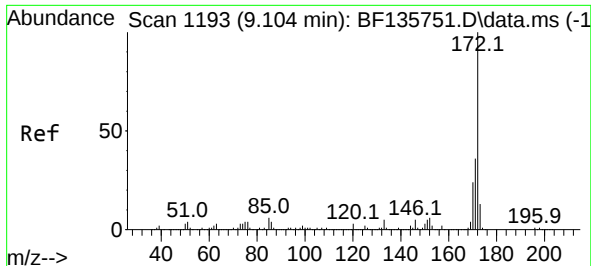
196 100

198 94.1 77.0 115.6

97 48.0 42.2 63.2

132 27.8 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 74.675 ng

RT: 9.104 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

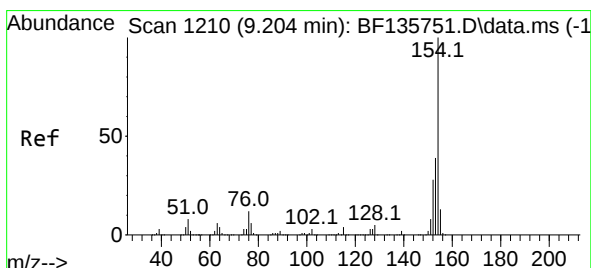
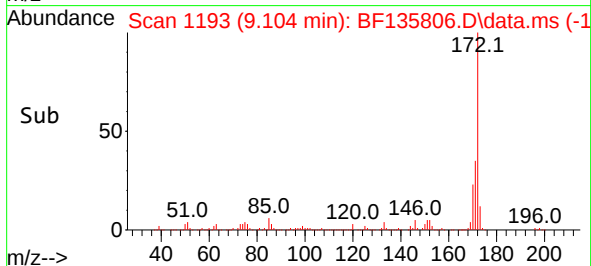
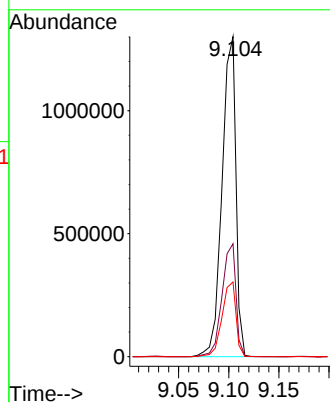
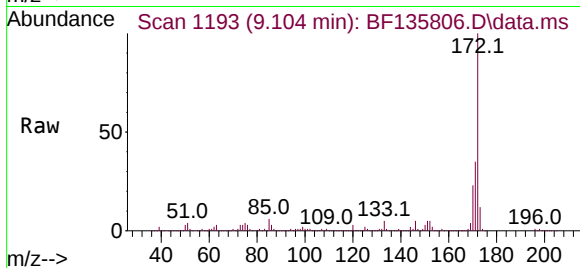
Tgt Ion:172 Resp: 1246888

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.4 18.8 28.2



#46

1,1'-Biphenyl

Concen: 39.617 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

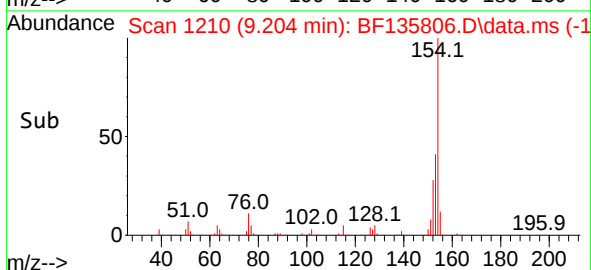
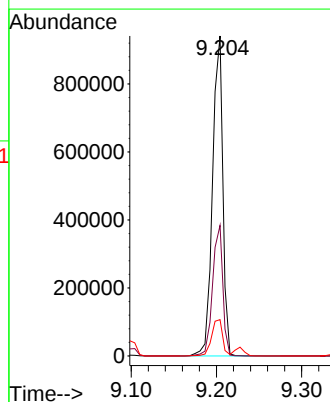
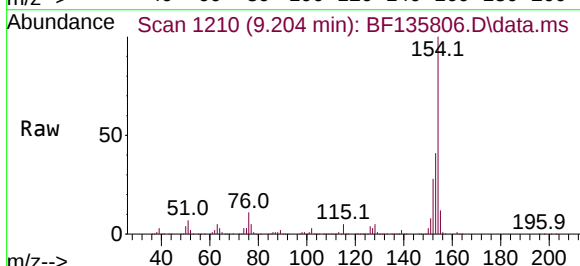
Tgt Ion:154 Resp: 792271

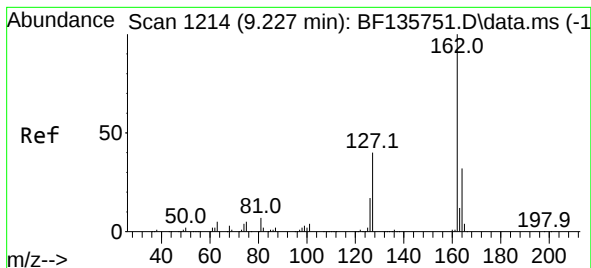
Ion Ratio Lower Upper

154 100

153 40.8 19.4 59.4

76 11.4 0.0 31.7





#47

2-Chloronaphthalene

Concen: 41.934 ng

RT: 9.228 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

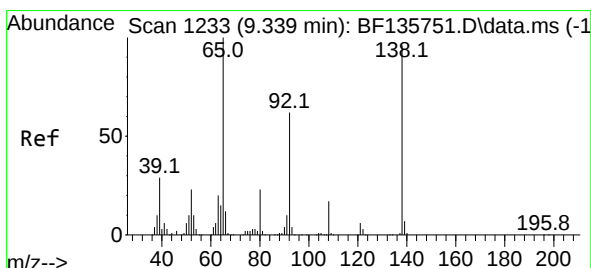
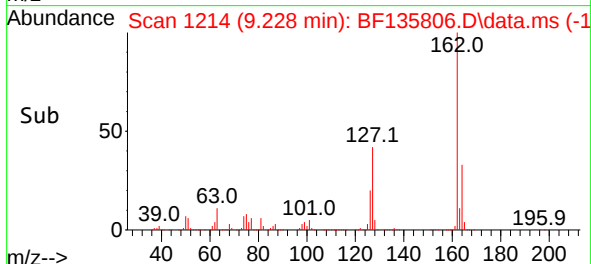
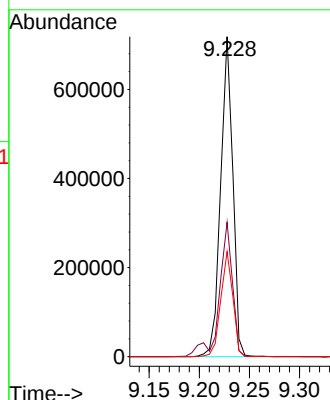
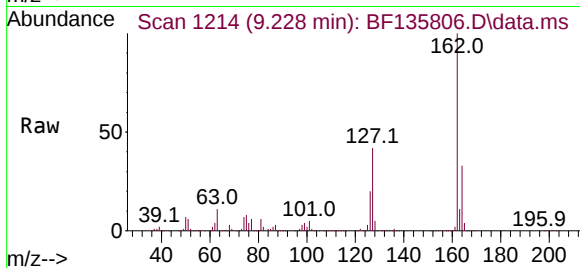
Tgt Ion:162 Resp: 604372

Ion Ratio Lower Upper

162 100

127 42.0 34.7 52.1

164 32.8 25.6 38.4



#48

2-Nitroaniline

Concen: 41.239 ng

RT: 9.339 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

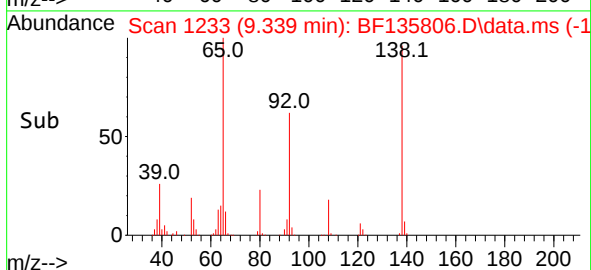
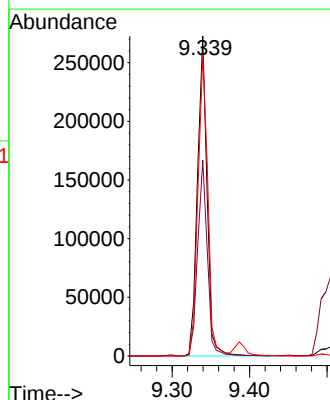
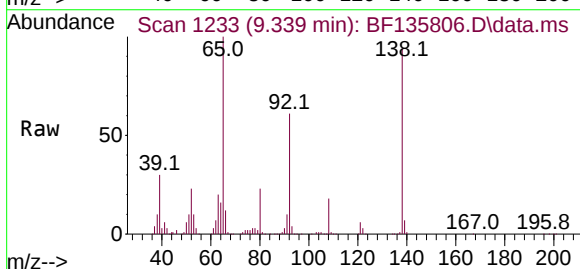
Tgt Ion: 65 Resp: 234608

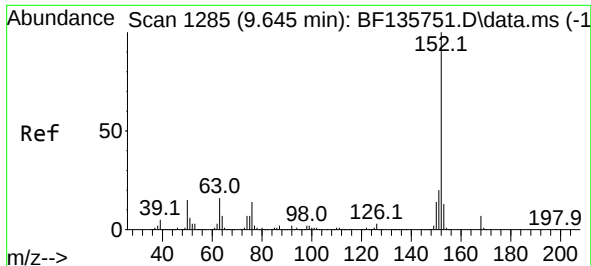
Ion Ratio Lower Upper

65 100

92 61.2 49.4 74.0

138 94.1 76.6 114.8

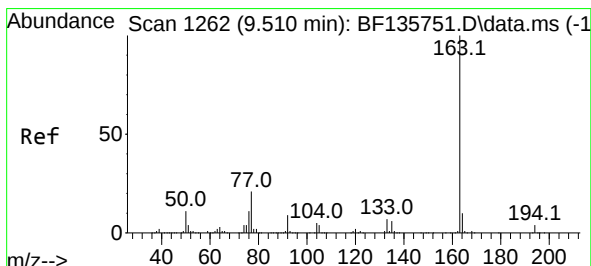
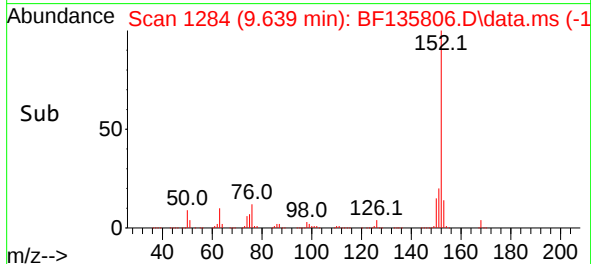
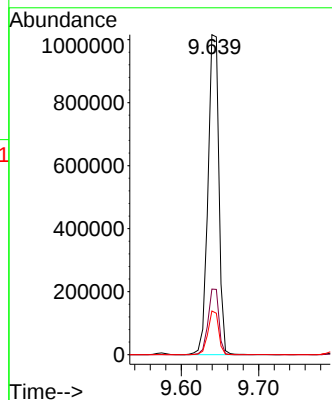
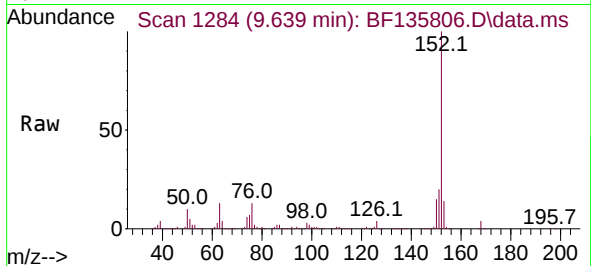




#49
Acenaphthylene
Concen: 41.657 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

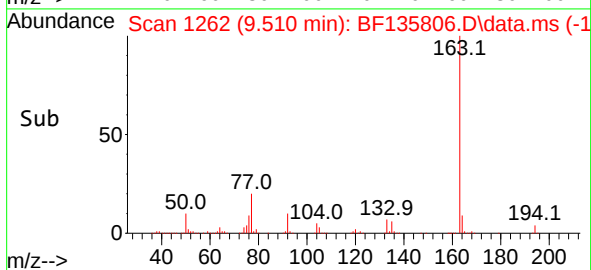
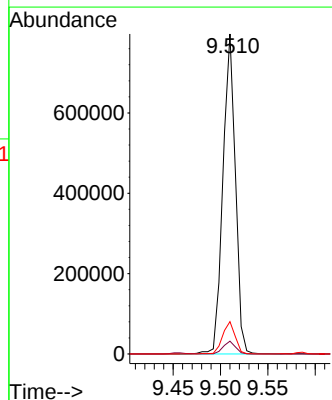
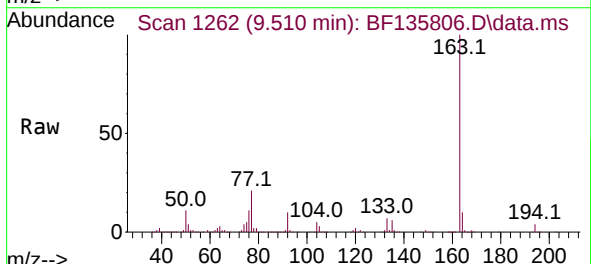
Instrument :
BNA_F
ClientSampleId :
PB156118BSD

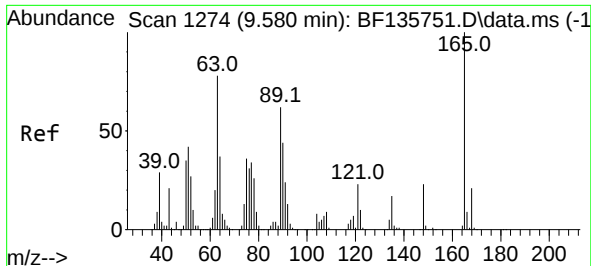
Tgt Ion:152 Resp: 993566
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.7 10.2 15.4



#50
Dimethylphthalate
Concen: 41.572 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:163 Resp: 732652
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.1 7.9 11.9

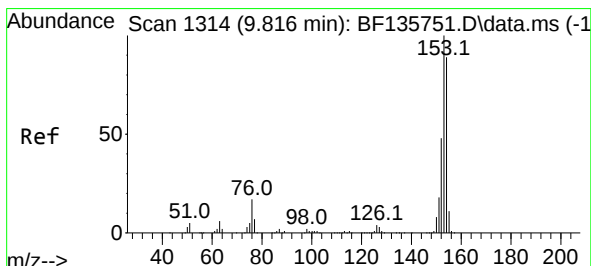
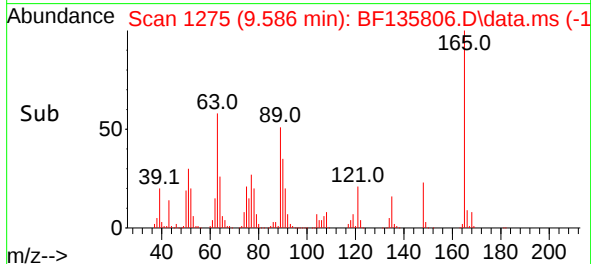
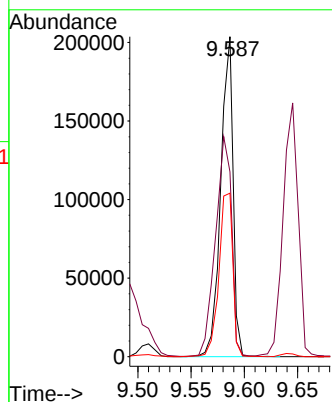
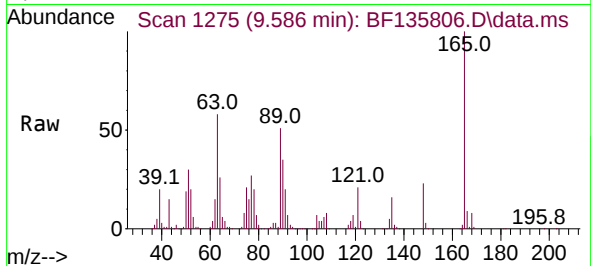




#51
2,6-Dinitrotoluene
Concen: 43.215 ng
RT: 9.586 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

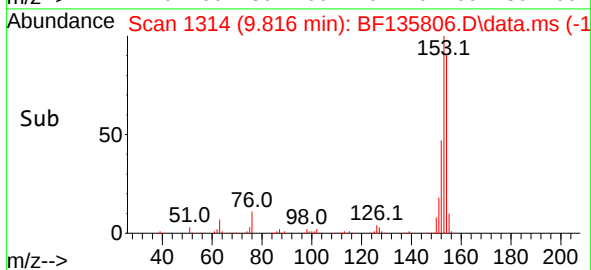
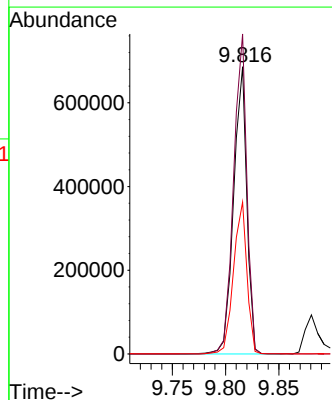
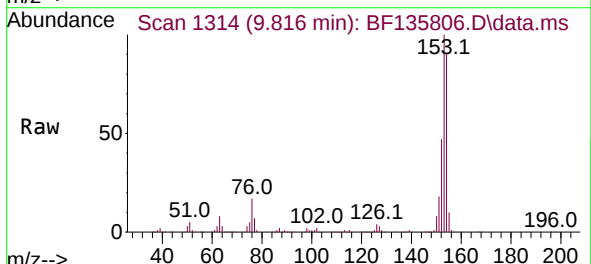
Instrument :
BNA_F
ClientSampleId :
PB156118BSD

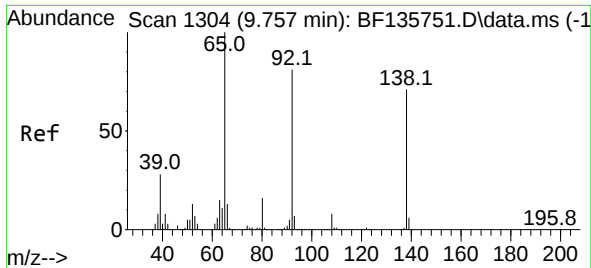
Tgt Ion:165 Resp: 163778
Ion Ratio Lower Upper
165 100
63 57.7 62.2 93.4#
89 51.1 49.6 74.4



#52
Acenaphthene
Concen: 41.469 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:154 Resp: 592842
Ion Ratio Lower Upper
154 100
153 111.4 90.1 135.1
152 52.9 43.1 64.7

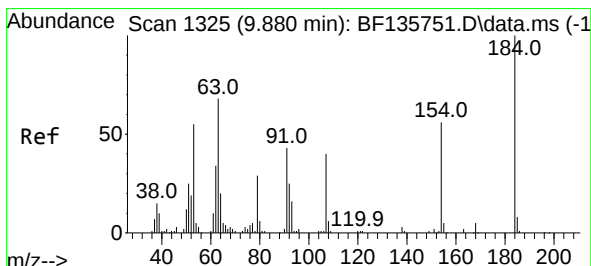
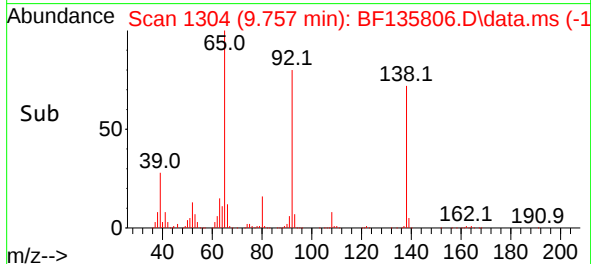
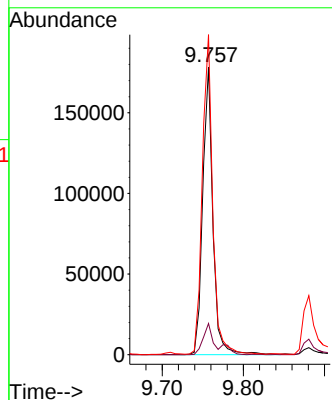
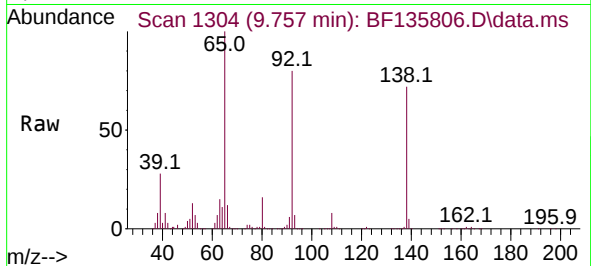




#53
3-Nitroaniline
Concen: 33.417 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

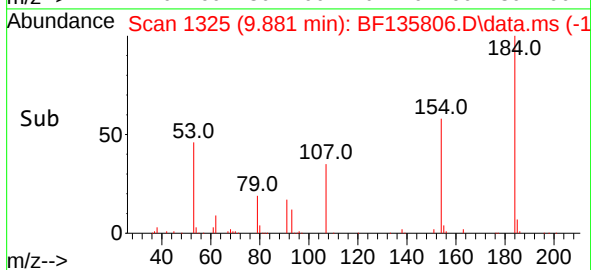
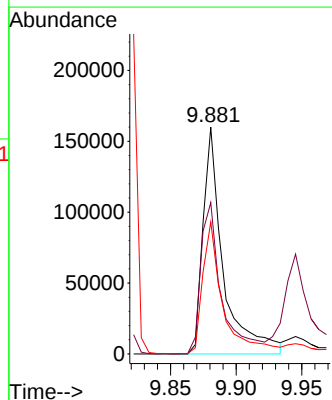
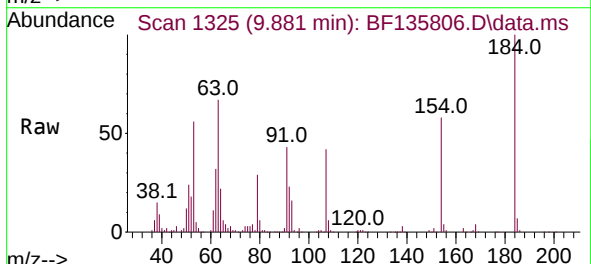
Instrument :
BNA_F
ClientSampleId :
PB156118BSD

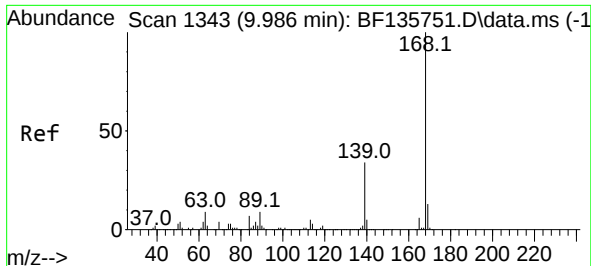
Tgt Ion:138 Resp: 155251
Ion Ratio Lower Upper
138 100
108 10.8 8.6 13.0
92 111.2 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 108.795 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:184 Resp: 172114
Ion Ratio Lower Upper
184 100
63 66.7 54.6 81.8
154 58.2 45.0 67.4

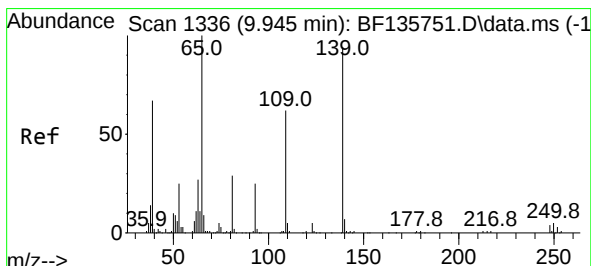
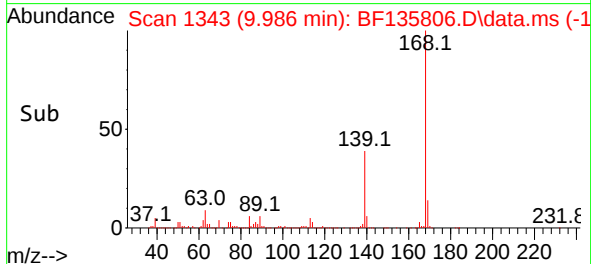
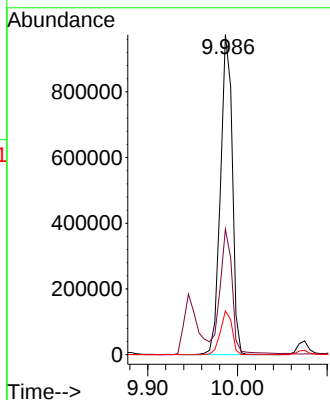
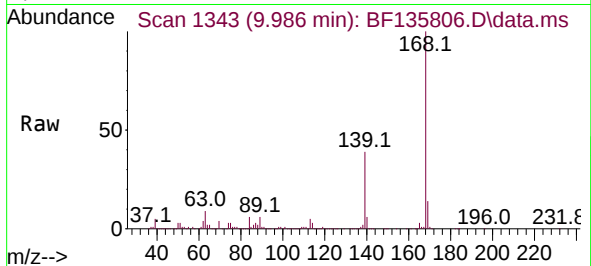




#55
Dibenzofuran
Concen: 41.134 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

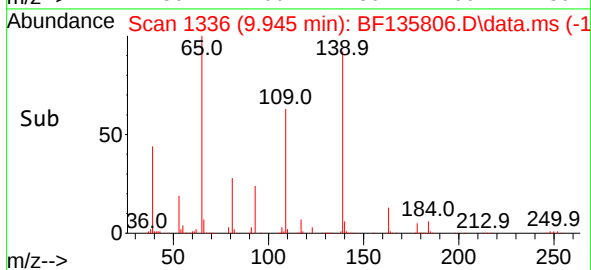
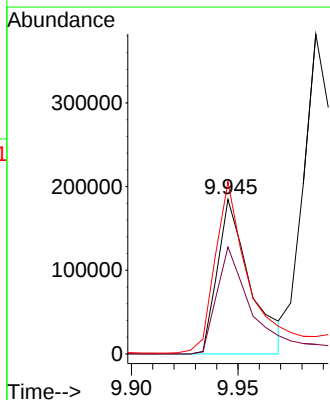
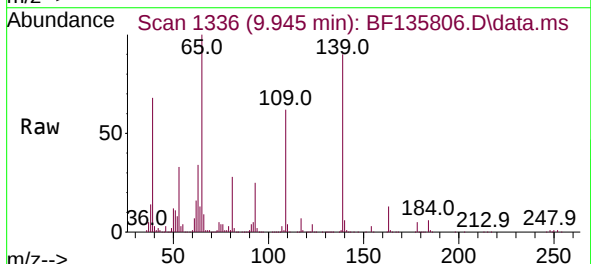
Instrument :
BNA_F
ClientSampleId :
PB156118BSD

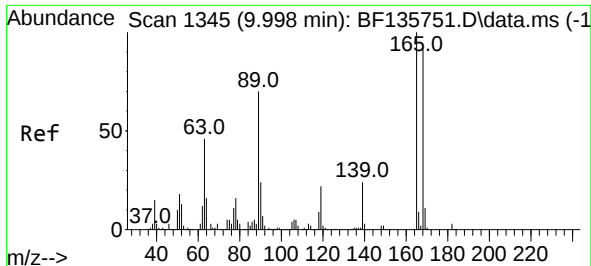
Tgt Ion:168 Resp: 887292
Ion Ratio Lower Upper
168 100
139 39.3 31.0 46.4
169 13.7 10.7 16.1



#56
4-Nitrophenol
Concen: 91.739 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:139 Resp: 197123
Ion Ratio Lower Upper
139 100
109 69.2 45.6 85.6
65 111.5 87.5 127.5





#57

2,4-Dinitrotoluene

Concen: 43.248 ng

RT: 9.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

Tgt Ion:165 Resp: 208523

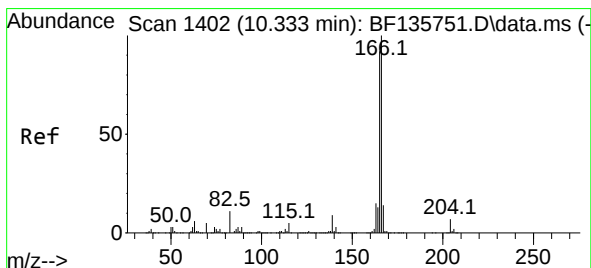
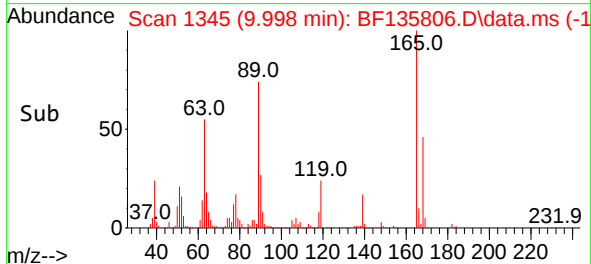
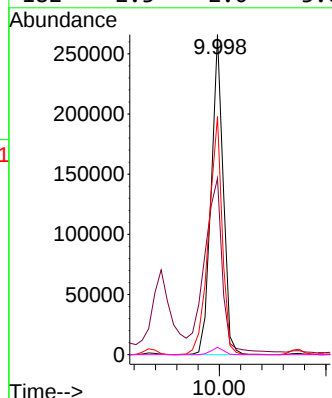
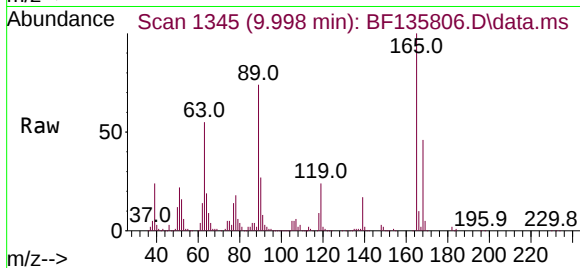
Ion Ratio Lower Upper

165 100

63 55.1 39.0 58.4

89 74.4 55.9 83.9

182 2.3 2.0 3.0



#58

Fluorene

Concen: 40.262 ng

RT: 10.334 min Scan# 1402

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

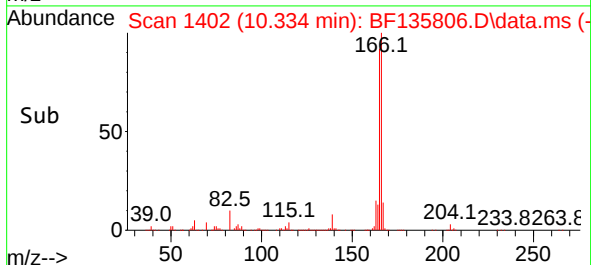
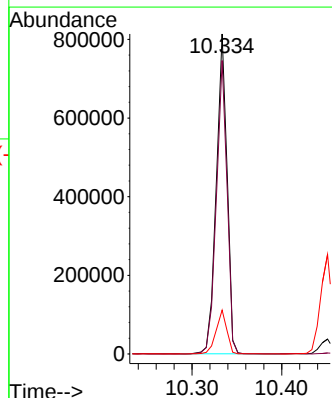
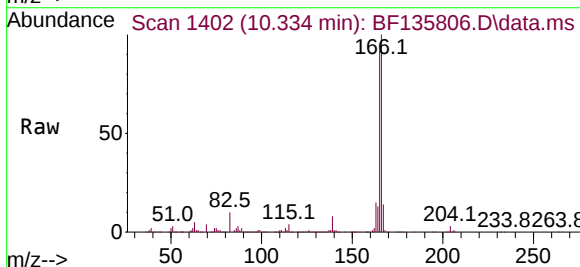
Tgt Ion:166 Resp: 679903

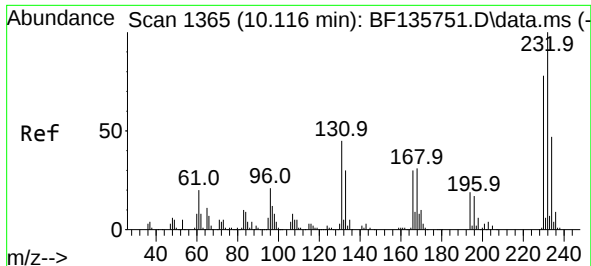
Ion Ratio Lower Upper

166 100

165 91.7 73.4 110.0

167 13.7 11.0 16.6

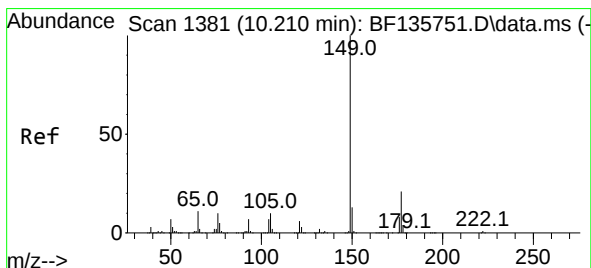
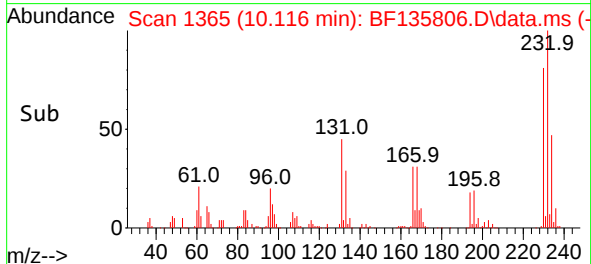
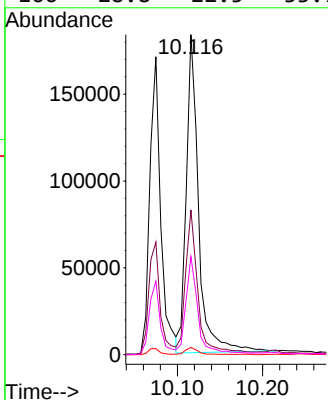
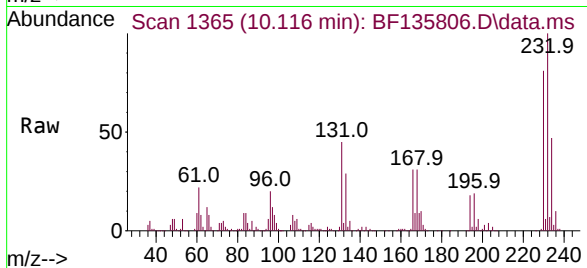




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.065 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

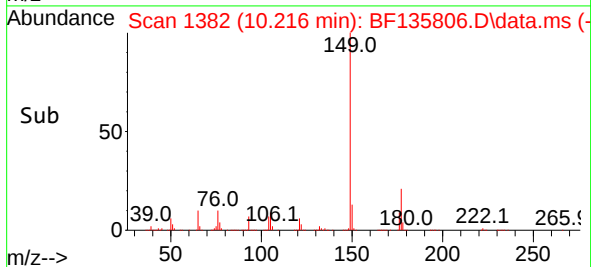
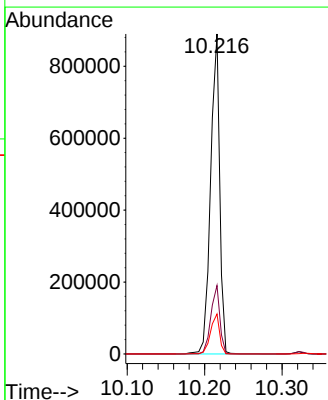
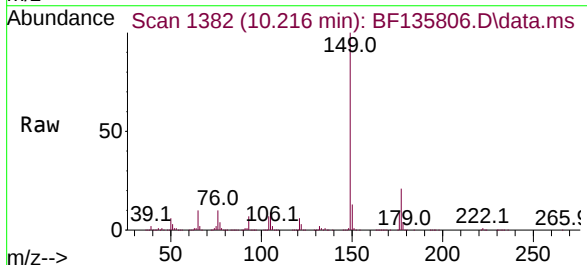
Instrument :
BNA_F
ClientSampleId :
PB156118BSD

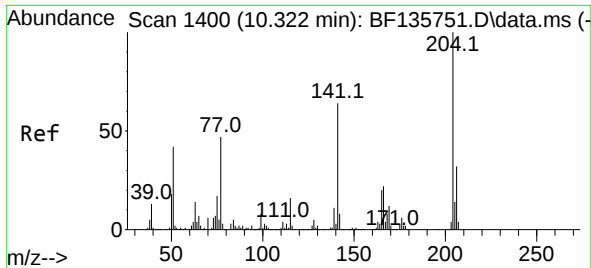
Tgt Ion:232 Resp: 183182
Ion Ratio Lower Upper
232 100
131 45.9 35.8 53.6
130 2.2 1.9 2.9
166 28.8 22.5 33.7



#60
Diethylphthalate
Concen: 40.332 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:149 Resp: 725639
Ion Ratio Lower Upper
149 100
177 21.4 16.9 25.3
150 12.5 10.2 15.2

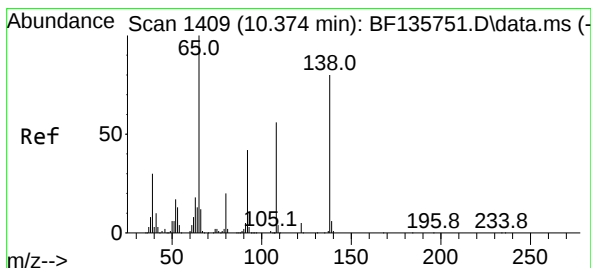
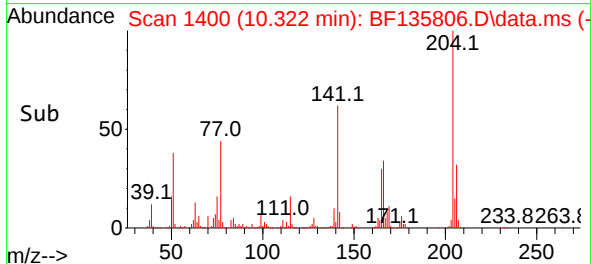
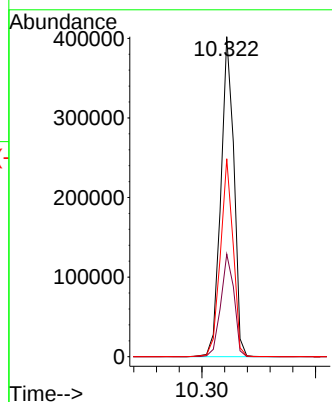
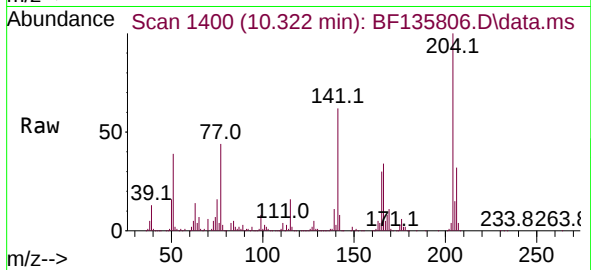




#61
4-Chlorophenyl-phenylether
Concen: 39.413 ng
RT: 10.322 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

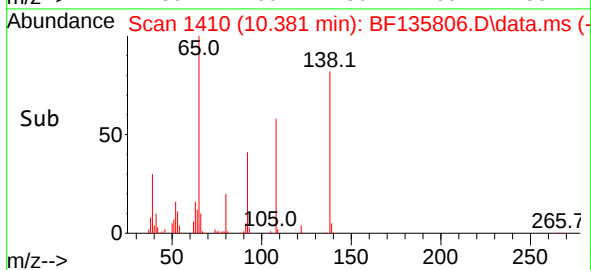
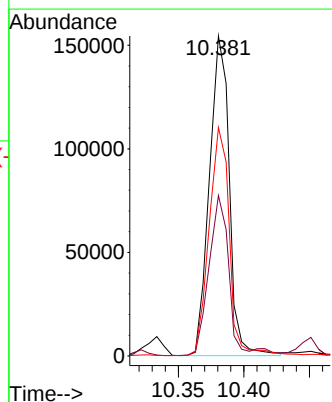
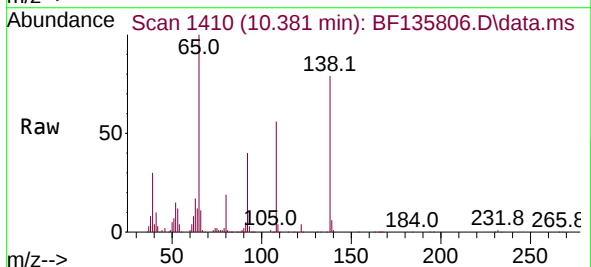
Instrument :
BNA_F
ClientSampleId :
PB156118BSD

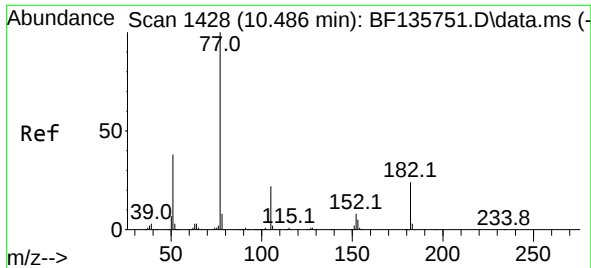
Tgt Ion:204 Resp: 321679
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.6
141 61.8 51.4 77.0



#62
4-Nitroaniline
Concen: 38.058 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:138 Resp: 162682
Ion Ratio Lower Upper
138 100
92 50.2 31.9 71.9
108 71.4 49.7 89.7

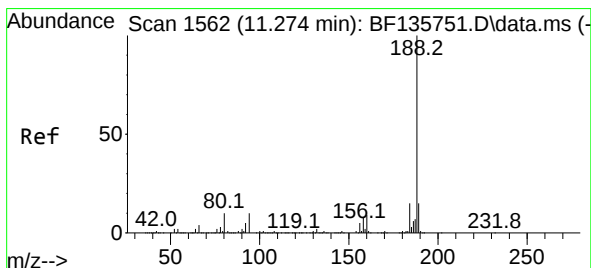
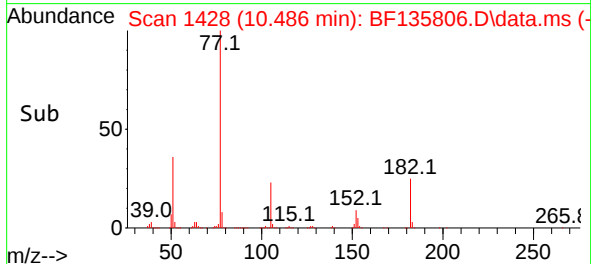
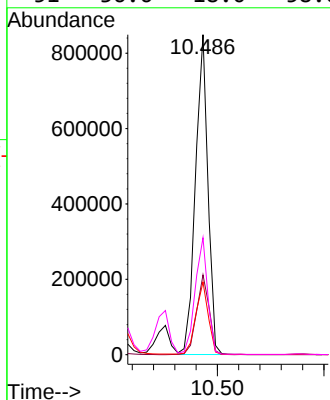
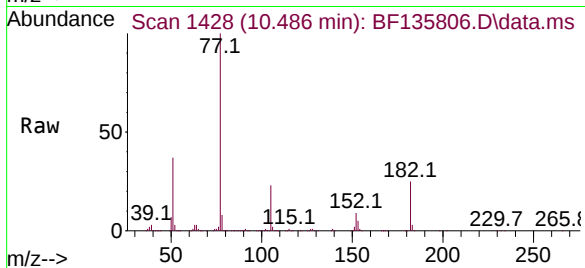




#63
Azobenzene
Concen: 39.445 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

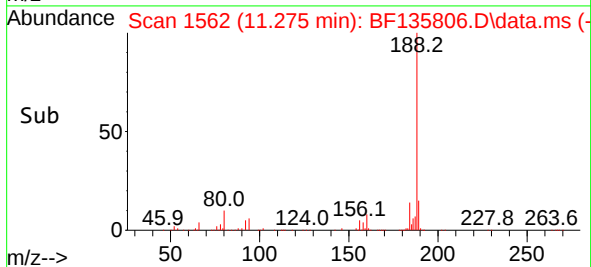
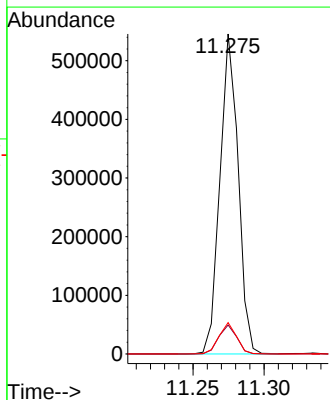
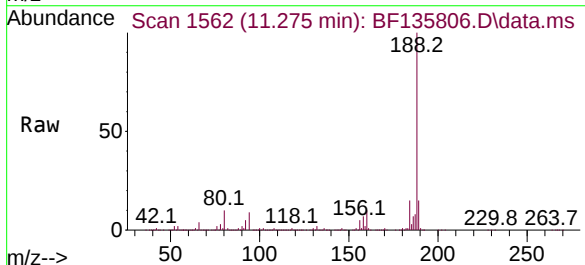
Instrument :
BNA_F
ClientSampleId :
PB156118BSD

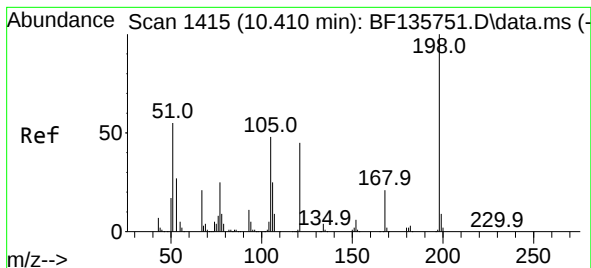
Tgt Ion: 77	Resp: 689511
Ion Ratio	Lower Upper
77 100	
182 24.9	3.5 43.5
105 22.7	2.2 42.2
51 36.6	18.0 58.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:188	Resp: 486839
Ion Ratio	Lower Upper
188 100	
94 9.0	8.0 12.0
80 9.8	8.3 12.5

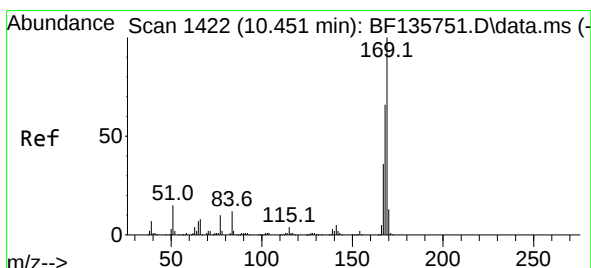
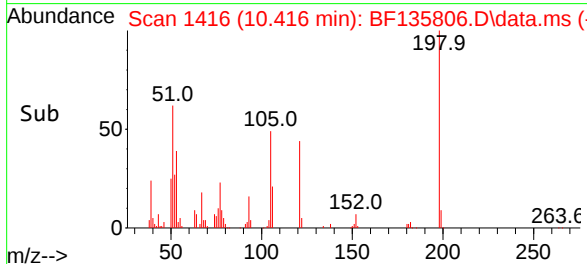
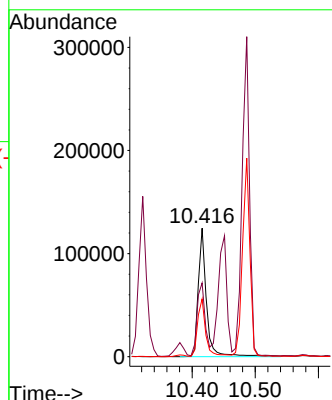
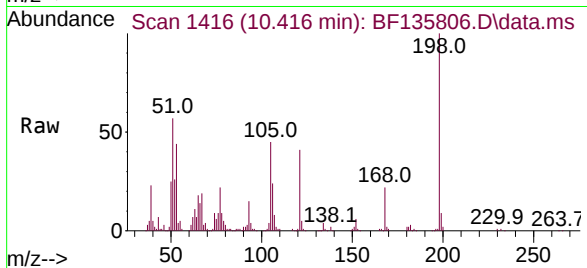




#65
4,6-Dinitro-2-methylphenol
Concen: 45.655 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

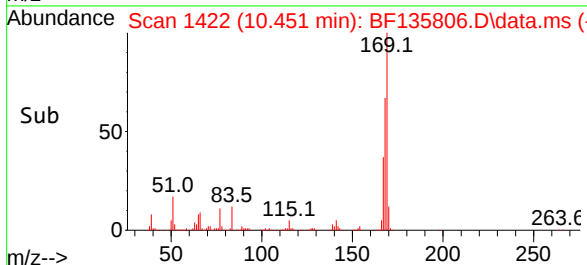
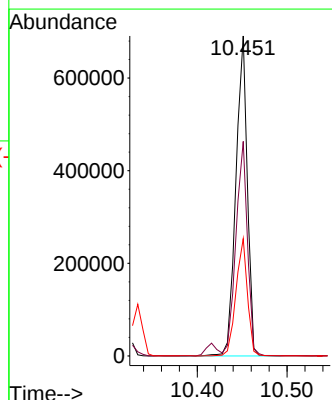
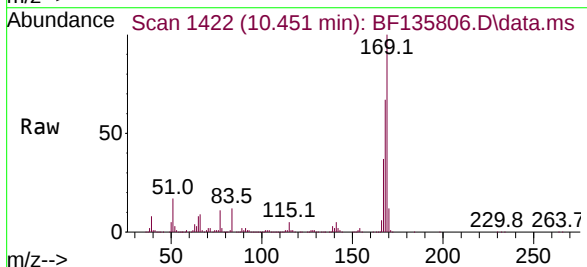
Instrument :
BNA_F
ClientSampleId :
PB156118BSD

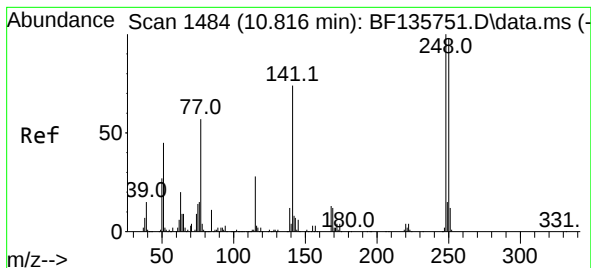
Tgt Ion:198 Resp: 111859
Ion Ratio Lower Upper
198 100
51 57.3 47.6 87.6
105 44.9 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 41.285 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:169 Resp: 612617
Ion Ratio Lower Upper
169 100
168 67.0 53.4 80.2
167 36.7 29.2 43.8

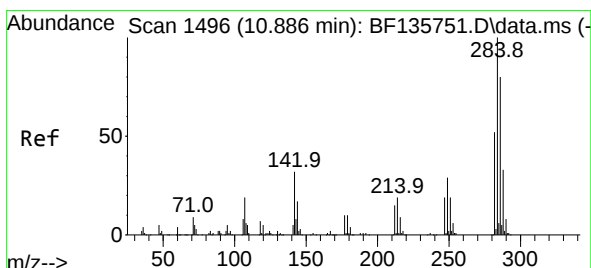
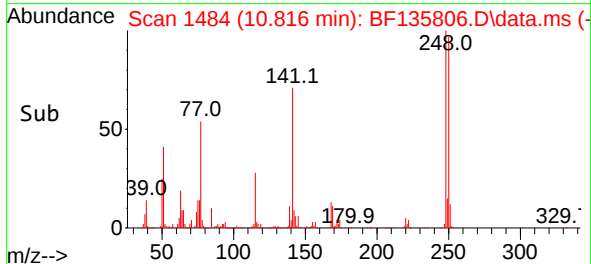
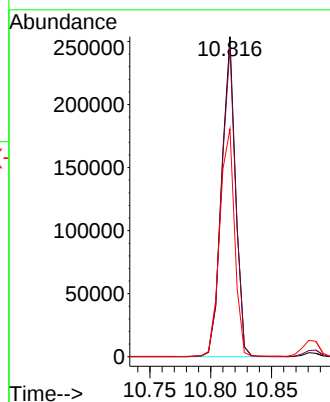
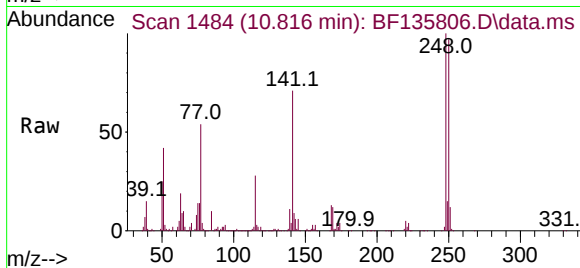




#67
4-Bromophenyl-phenylether
Concen: 41.411 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

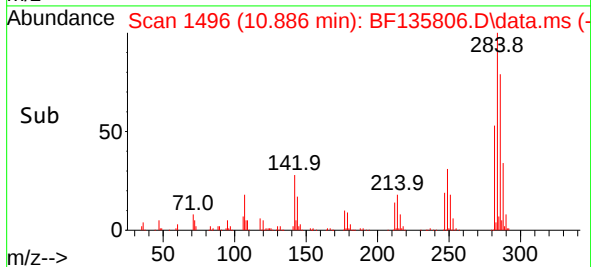
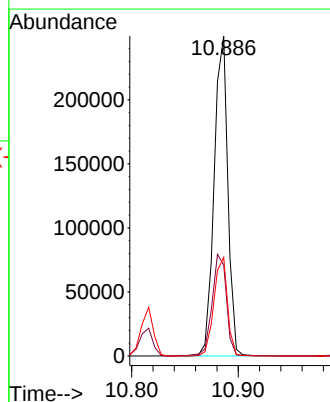
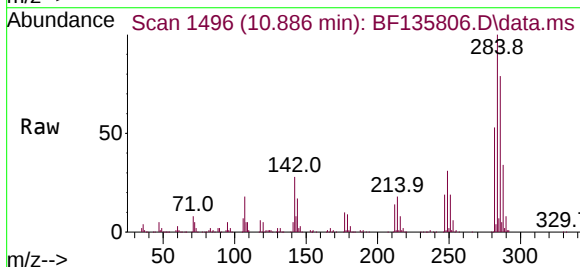
Instrument :
BNA_F
ClientSampleId :
PB156118BSD

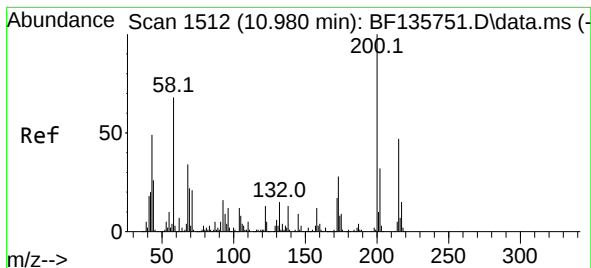
Tgt Ion:248 Resp: 202377
Ion Ratio Lower Upper
248 100
250 96.8 78.0 117.0
141 71.1 59.0 88.6



#68
Hexachlorobenzene
Concen: 44.872 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:284 Resp: 223263
Ion Ratio Lower Upper
284 100
142 28.4 25.3 37.9
249 30.8 23.5 35.3





#69

Atrazine

Concen: 48.051 ng

RT: 10.986 min Scan# 1513

Delta R.T. 0.000 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

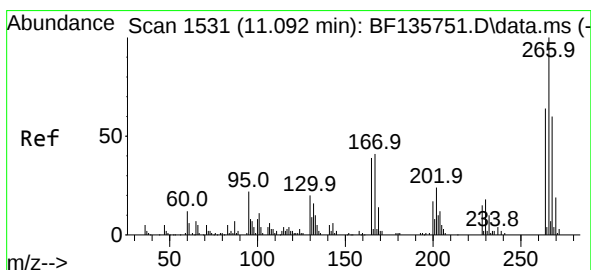
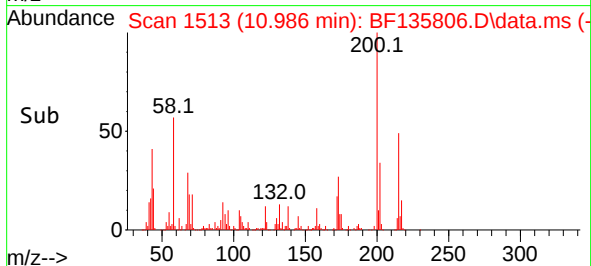
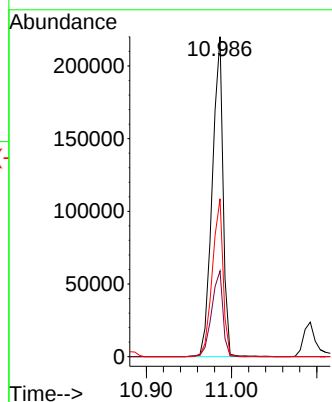
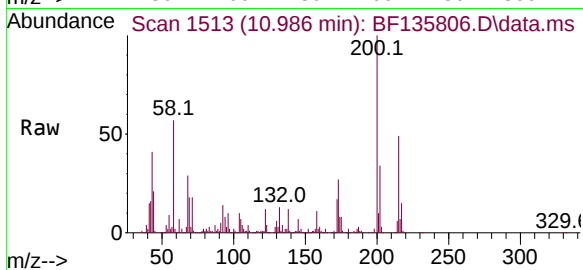
Tgt Ion:200 Resp: 193939

Ion Ratio Lower Upper

200 100

173 26.8 7.6 47.6

215 49.4 27.1 67.1



#70

Pentachlorophenol

Concen: 81.337 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

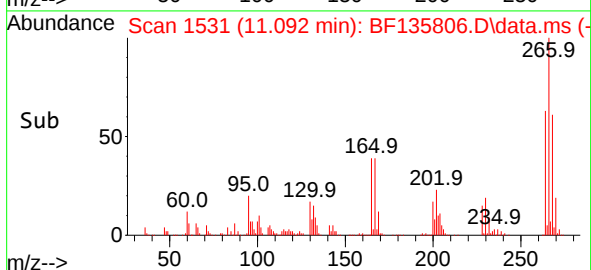
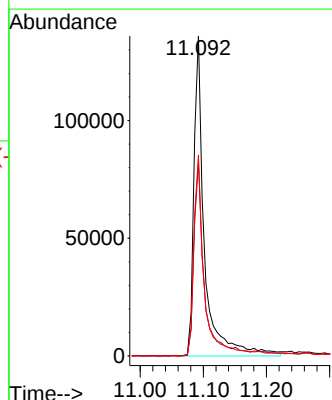
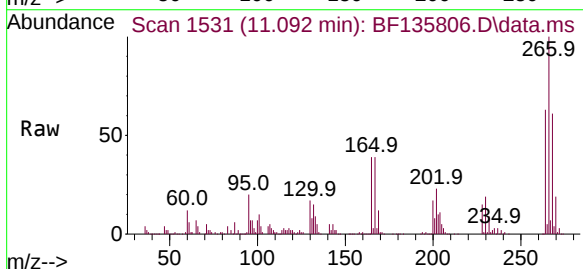
Tgt Ion:266 Resp: 159613

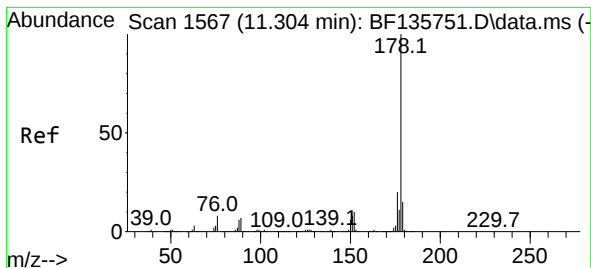
Ion Ratio Lower Upper

266 100

268 60.7 47.7 71.5

264 62.8 51.4 77.2





#71

Phenanthrene

Concen: 41.153 ng

RT: 11.304 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

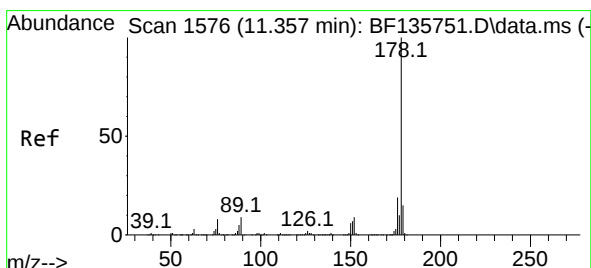
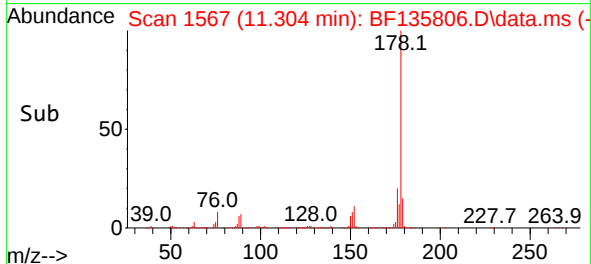
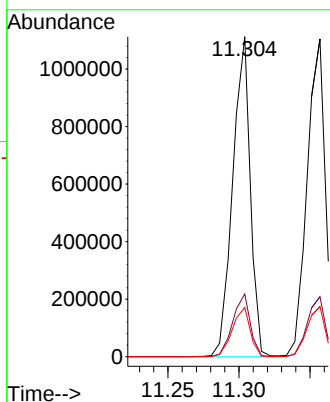
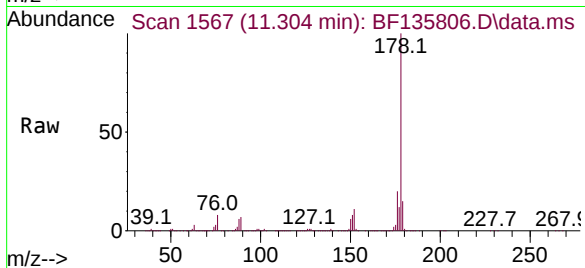
Tgt Ion:178 Resp: 959775

Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

179 15.4 12.2 18.4



#72

Anthracene

Concen: 41.010 ng

RT: 11.357 min Scan# 1576

Delta R.T. 0.000 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

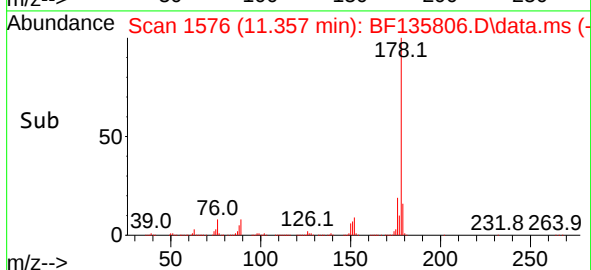
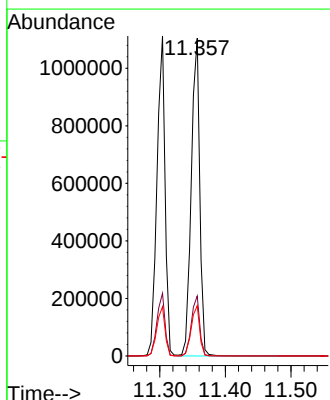
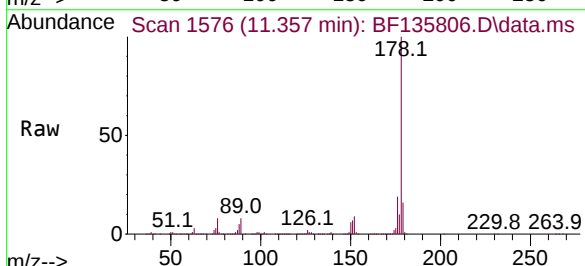
Tgt Ion:178 Resp: 991080

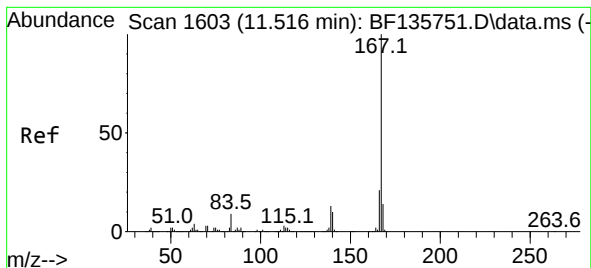
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.8 12.3 18.5





#73

Carbazole

Concen: 42.044 ng

RT: 11.516 min Scan# 1603

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

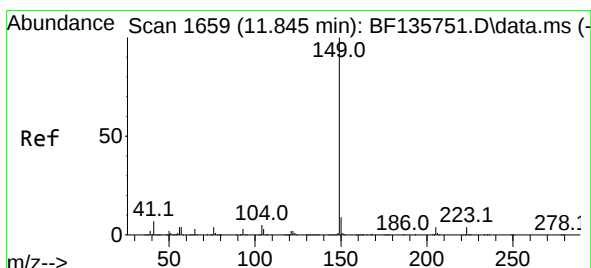
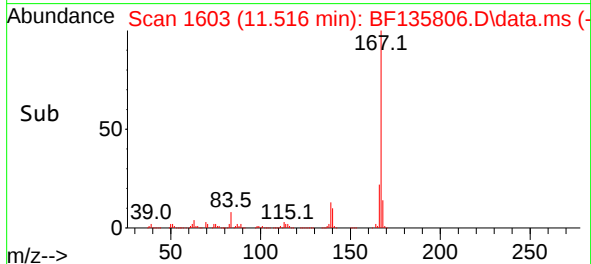
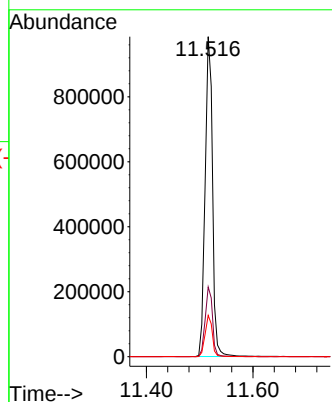
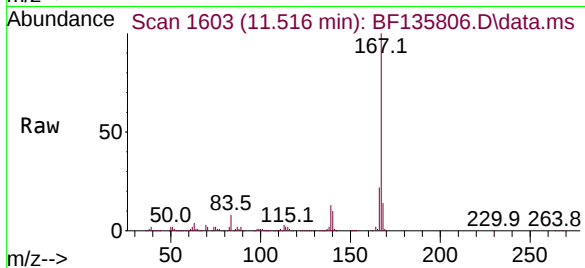
Tgt Ion:167 Resp: 947624

Ion Ratio Lower Upper

167 100

166 21.8 17.1 25.7

139 12.9 10.2 15.4



#74

Di-n-butylphthalate

Concen: 41.663 ng

RT: 11.839 min Scan# 1658

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

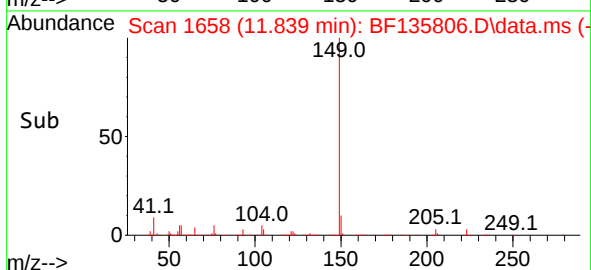
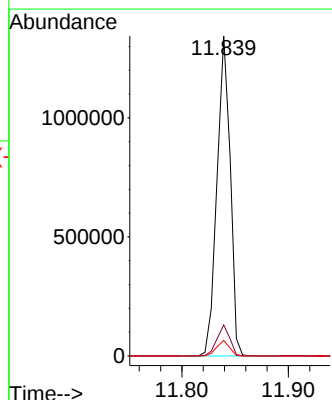
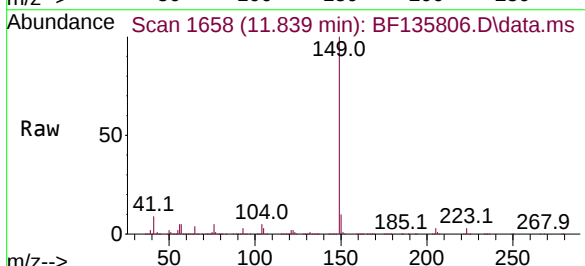
Tgt Ion:149 Resp: 1152929

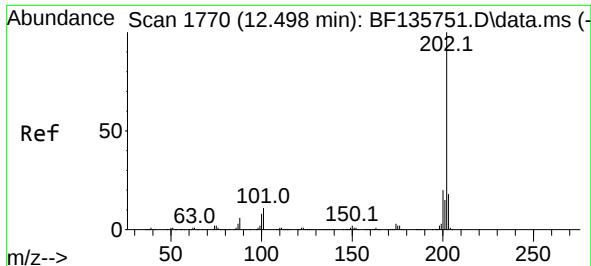
Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.2

104 4.8 3.7 5.5

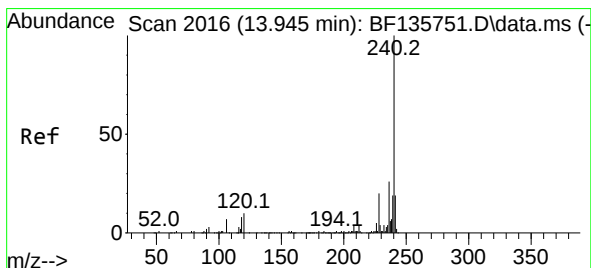
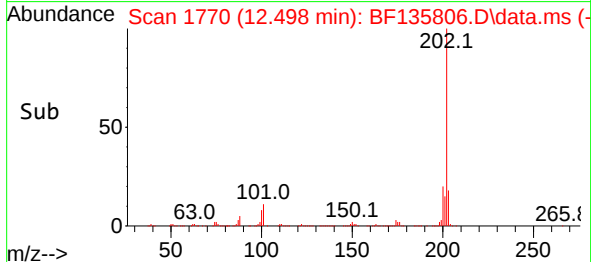
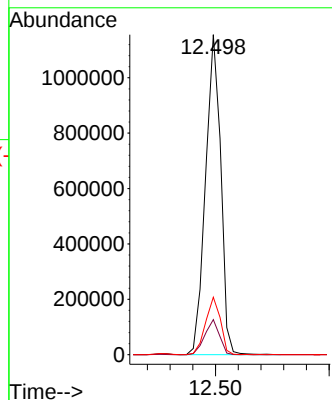
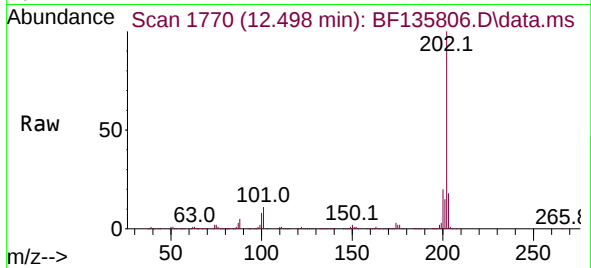




#75
Fluoranthene
Concen: 41.362 ng
RT: 12.498 min Scan# 1770
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

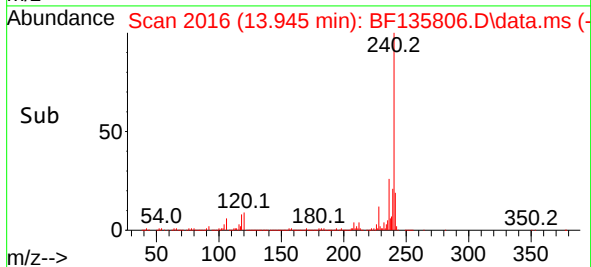
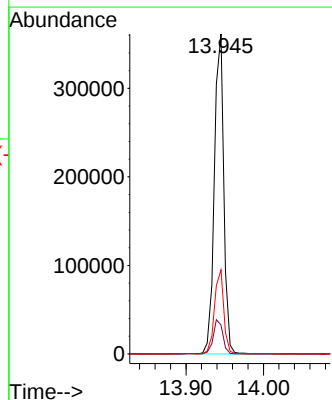
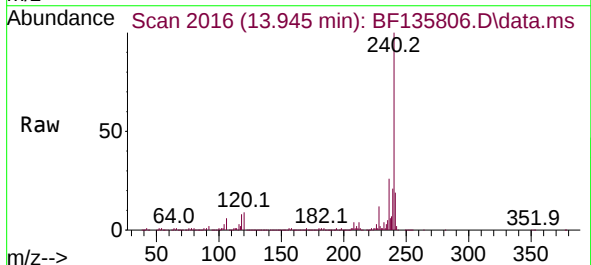
Instrument :
BNA_F
ClientSampleId :
PB156118BSD

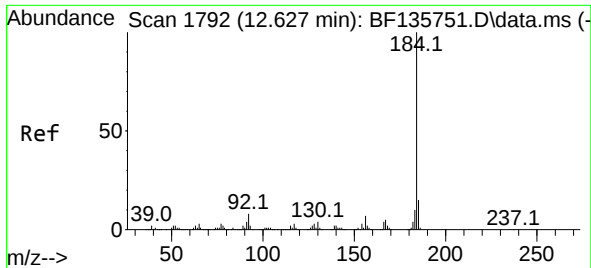
Tgt Ion:202 Resp: 1070638
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.5
203 17.9 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:240 Resp: 306620
Ion Ratio Lower Upper
240 100
120 9.1 8.2 12.2
236 26.3 21.2 31.8

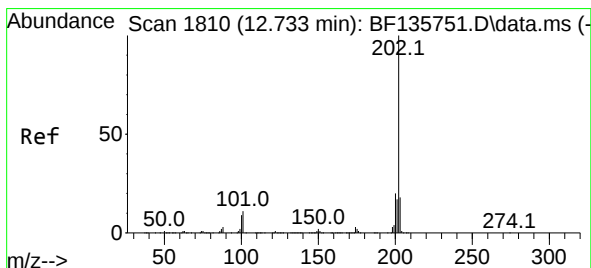
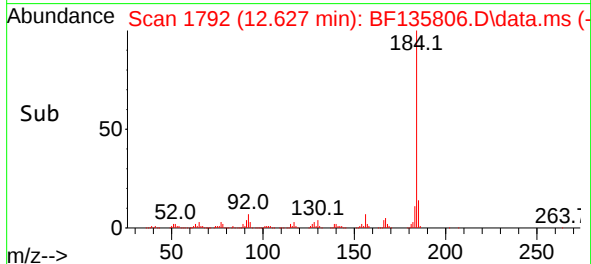
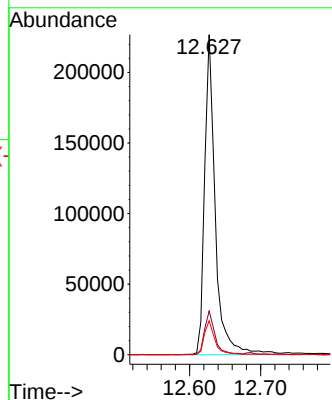
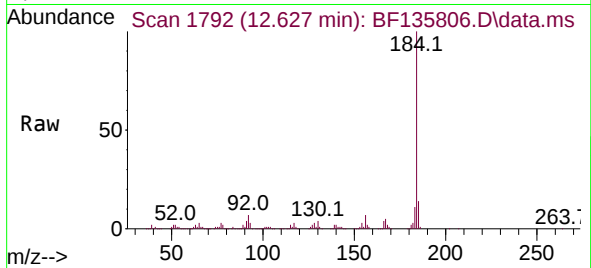




#77
Benzidine
Concen: 35.528 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

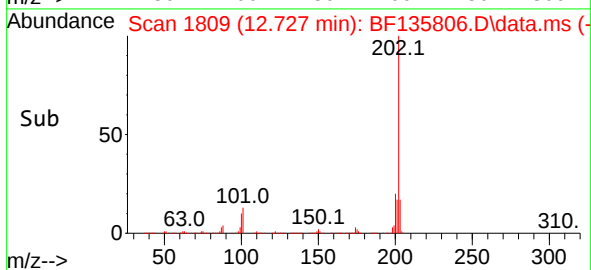
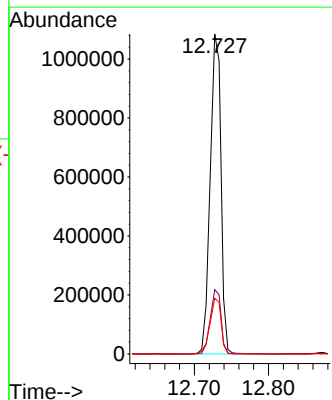
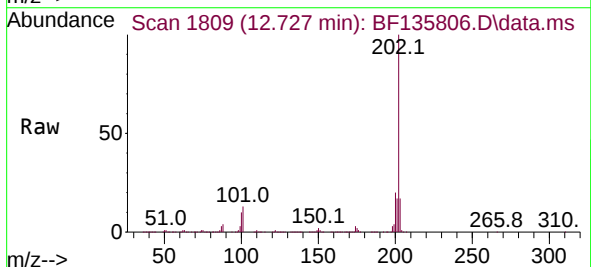
Instrument :
BNA_F
ClientSampleId :
PB156118BSD

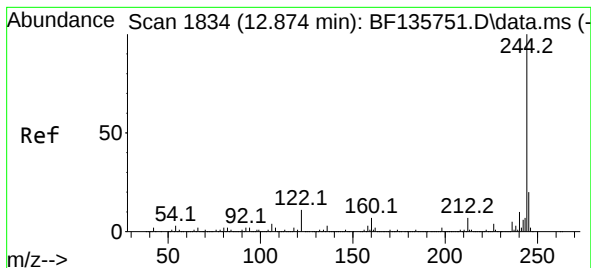
Tgt Ion:184 Resp: 237711
Ion Ratio Lower Upper
184 100
185 13.7 12.0 18.0
183 10.6 8.2 12.2



#78
Pyrene
Concen: 45.032 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:202 Resp: 1097239
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 82.756 ng

RT: 12.875 min Scan# 1834

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

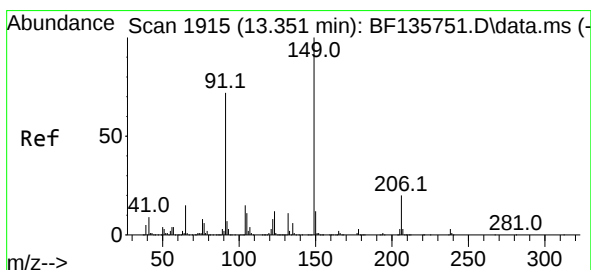
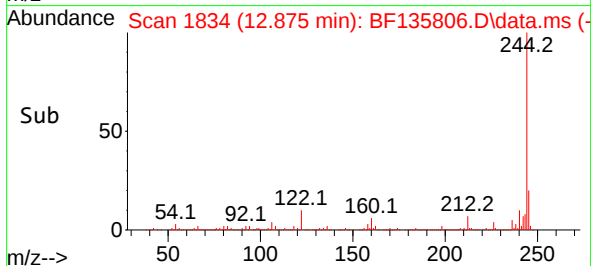
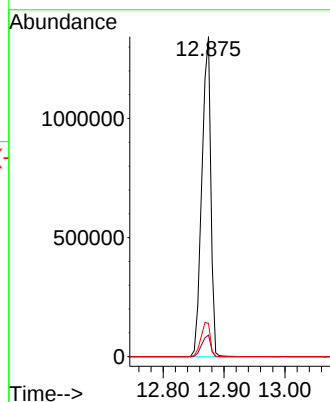
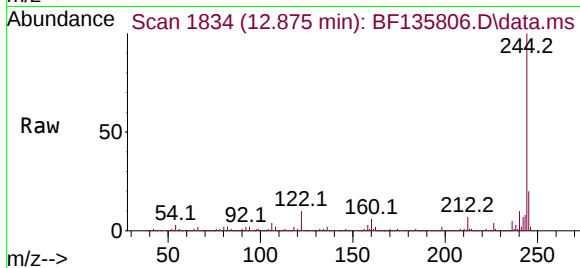
Tgt Ion:244 Resp: 1370179

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.4 9.0 13.6



#80

Butylbenzylphthalate

Concen: 43.925 ng

RT: 13.351 min Scan# 1915

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

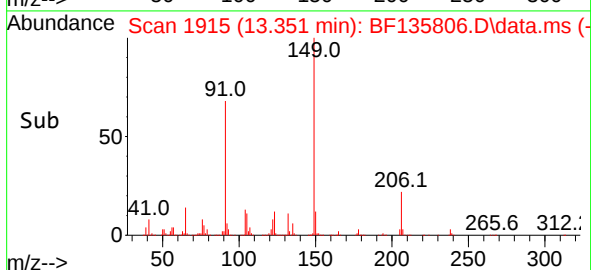
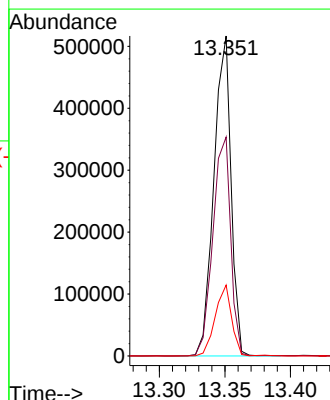
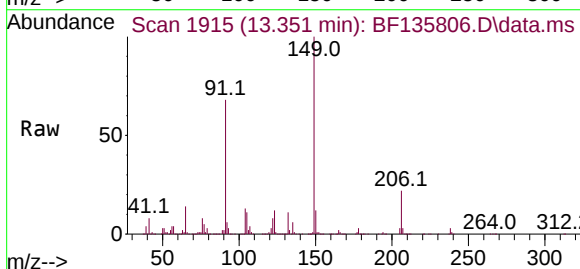
Tgt Ion:149 Resp: 470307

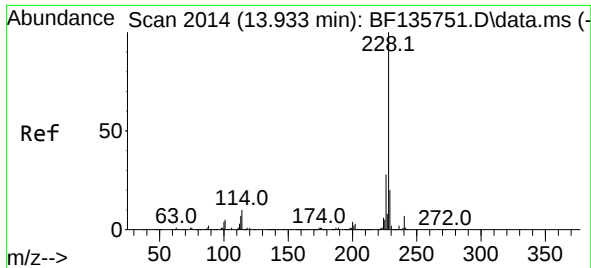
Ion Ratio Lower Upper

149 100

91 68.4 57.4 86.0

206 22.2 16.2 24.4

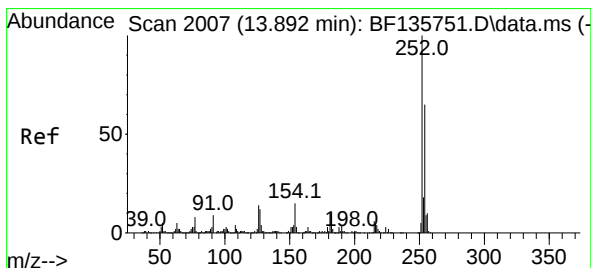
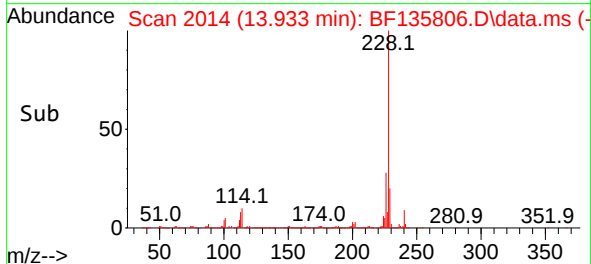
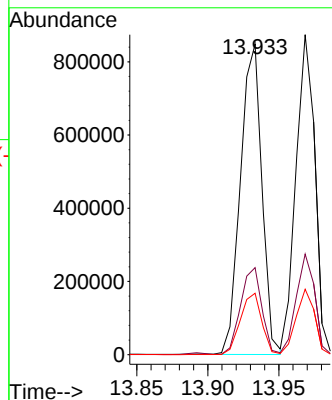
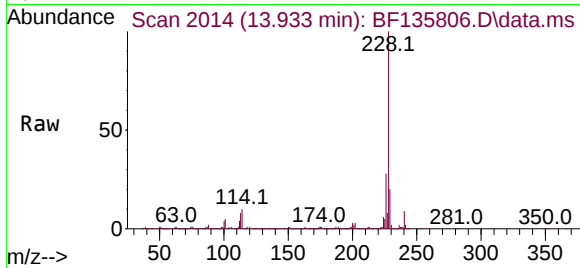




#81
Benzo(a)anthracene
Concen: 44.191 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

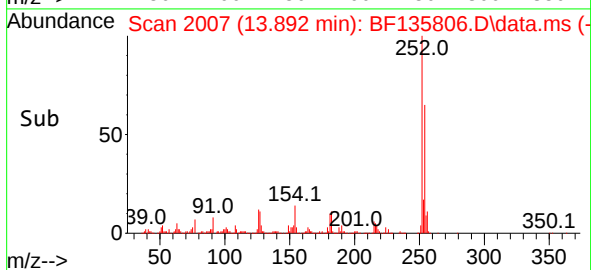
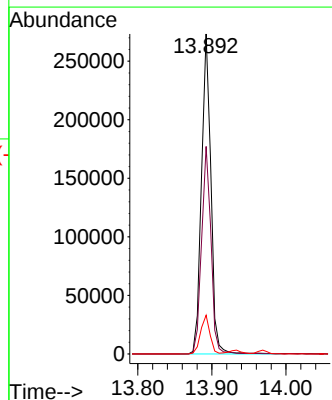
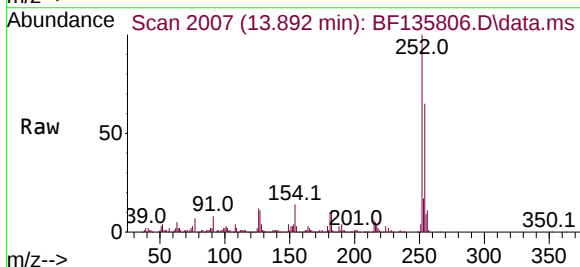
Instrument :
BNA_F
ClientSampleId :
PB156118BSD

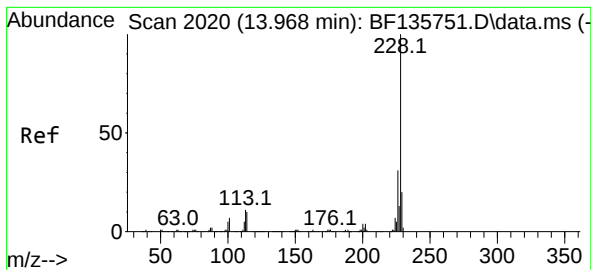
Tgt Ion:228 Resp: 890002
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.2
229 19.8 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 36.057 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:252 Resp: 240844
Ion Ratio Lower Upper
252 100
254 64.8 51.8 77.6
126 12.1 11.0 16.4





#83

Chrysene

Concen: 41.841 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

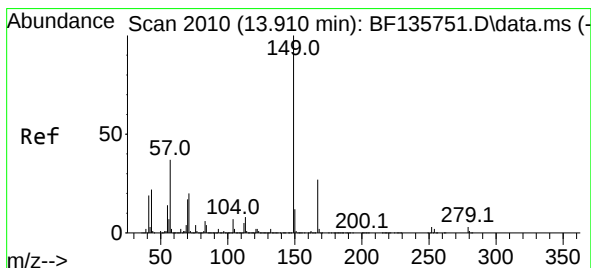
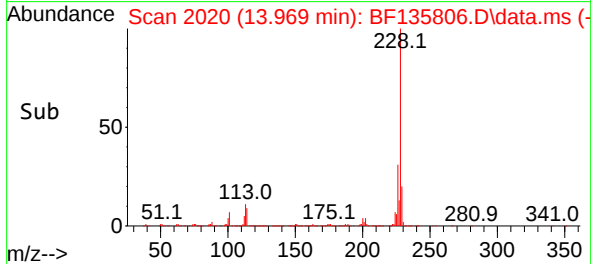
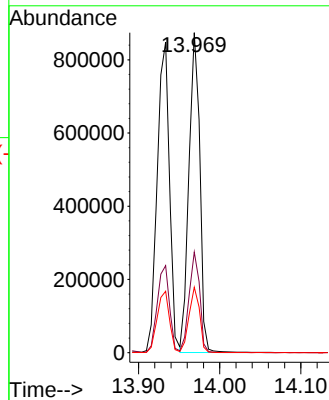
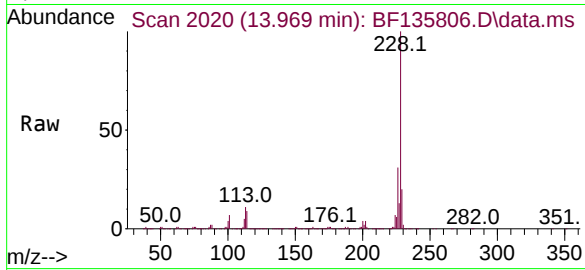
Tgt Ion:228 Resp: 816193

Ion Ratio Lower Upper

228 100

226 31.5 24.4 36.6

229 20.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.026 ng

RT: 13.910 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

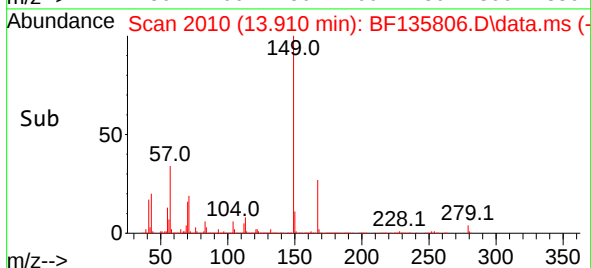
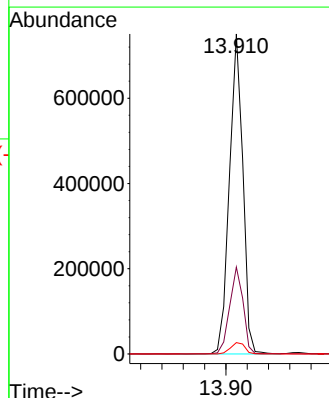
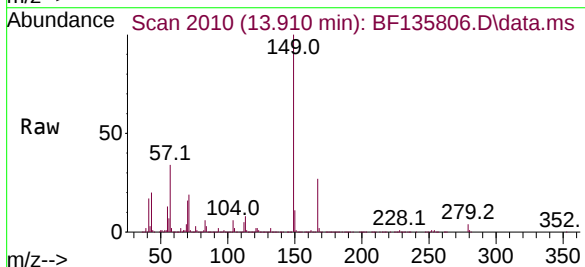
Tgt Ion:149 Resp: 653403

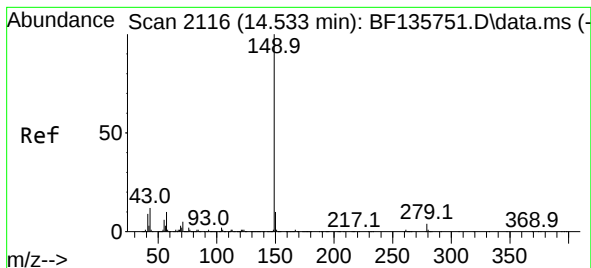
Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

279 3.6 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 44.459 ng

RT: 14.527 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

Instrument :

BNA_F

ClientSampleId :

PB156118BSD

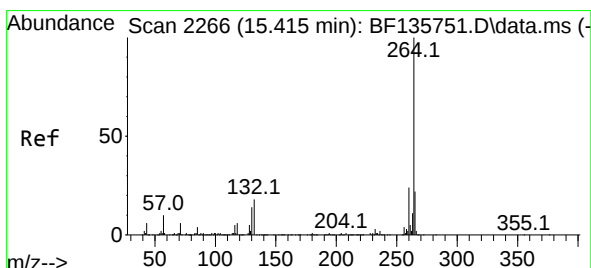
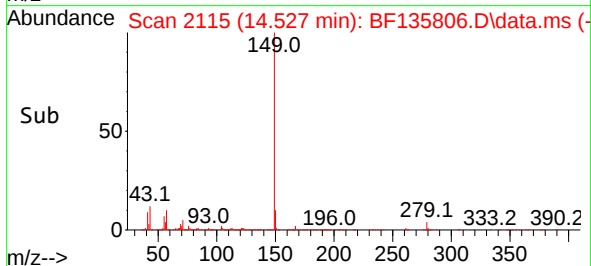
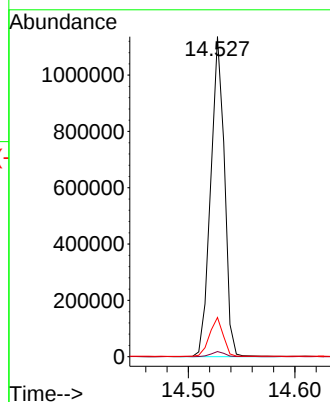
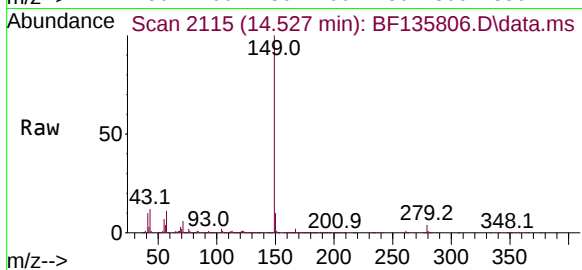
Tgt Ion:149 Resp: 1023061

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.1 10.1 15.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.416 min Scan# 2266

Delta R.T. -0.006 min

Lab File: BF135806.D

Acq: 17 Oct 2023 11:58

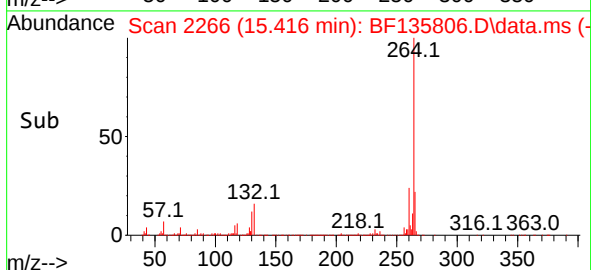
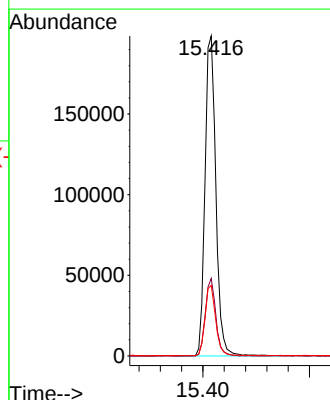
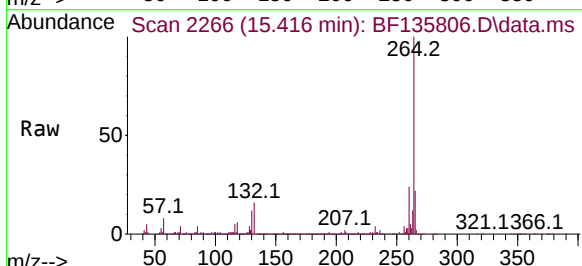
Tgt Ion:264 Resp: 279956

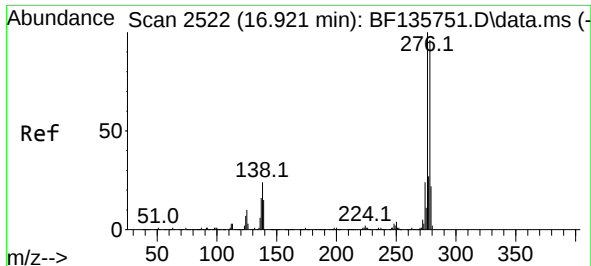
Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.1 17.4 26.2

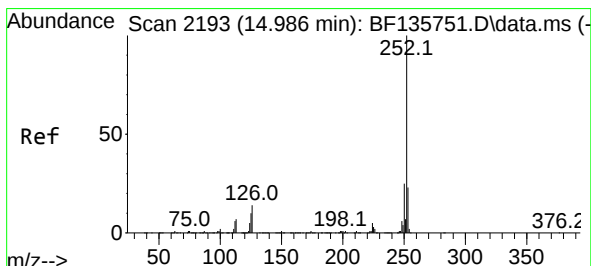
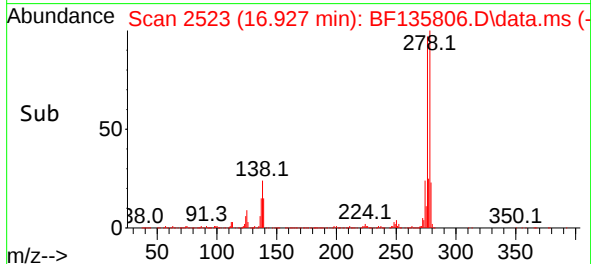
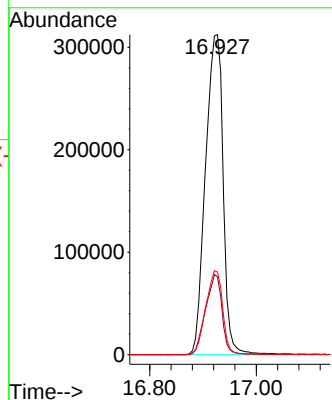
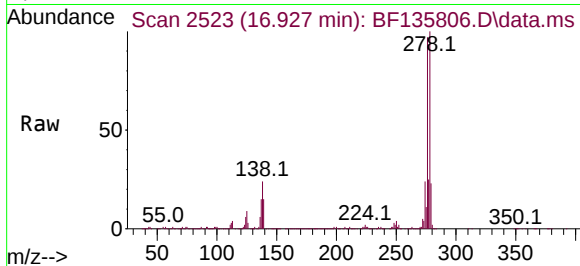




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.173 ng
RT: 16.927 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

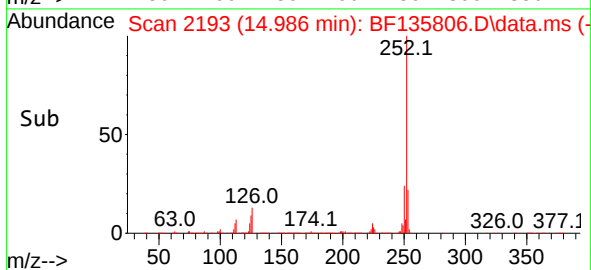
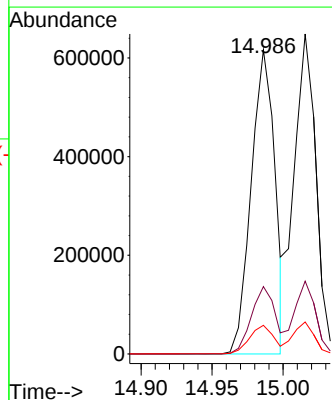
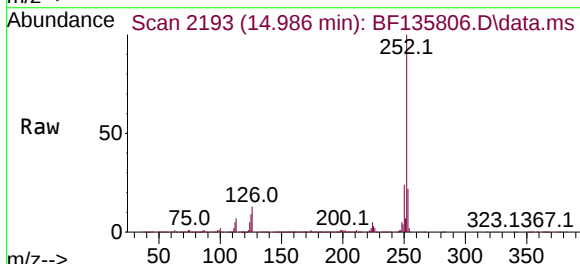
Instrument :
BNA_F
ClientSampleId :
PB156118BSD

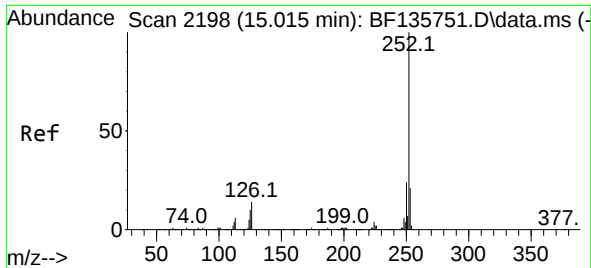
Tgt Ion:276 Resp: 719576
Ion Ratio Lower Upper
276 100
138 23.2 19.8 29.6
277 25.2 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 45.764 ng
RT: 14.986 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:252 Resp: 717034
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 9.4 8.2 12.2

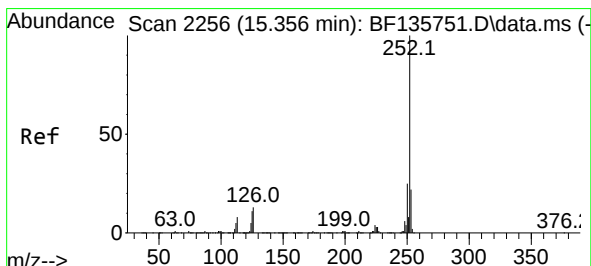
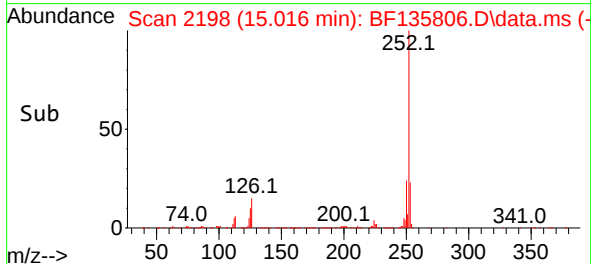
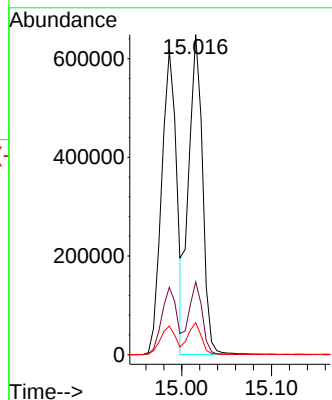
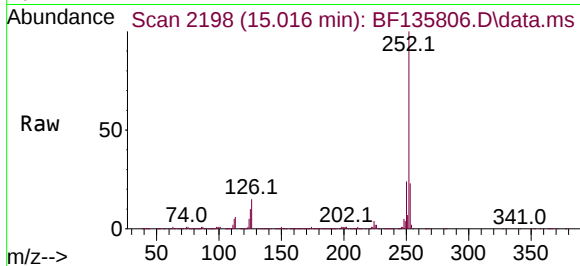




#89
Benzo(k)fluoranthene
Concen: 45.770 ng
RT: 15.016 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

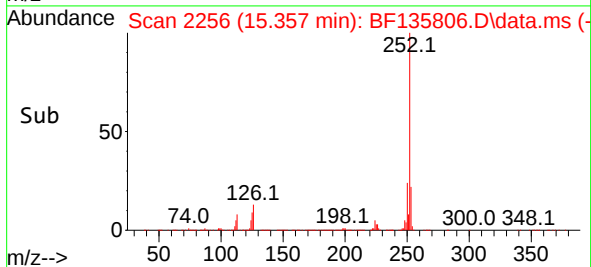
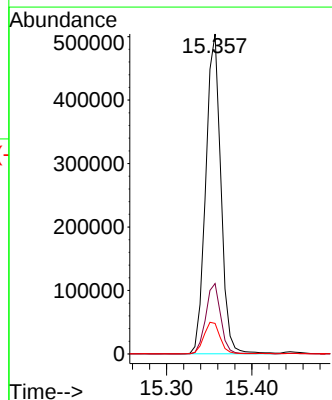
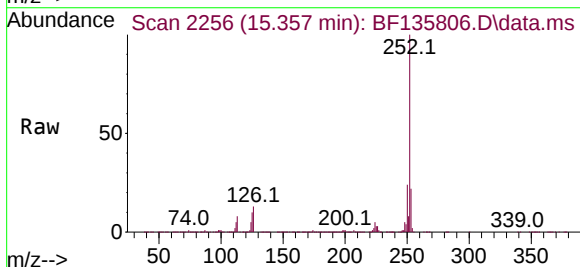
Instrument :
BNA_F
ClientSampleId :
PB156118BSD

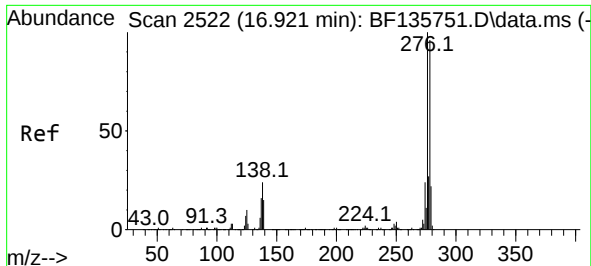
Tgt Ion:252 Resp: 696228
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 10.0 8.3 12.5



#90
Benzo(a)pyrene
Concen: 42.055 ng
RT: 15.357 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:252 Resp: 619610
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 9.5 8.8 13.2

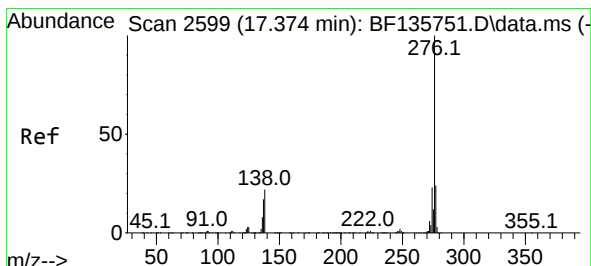
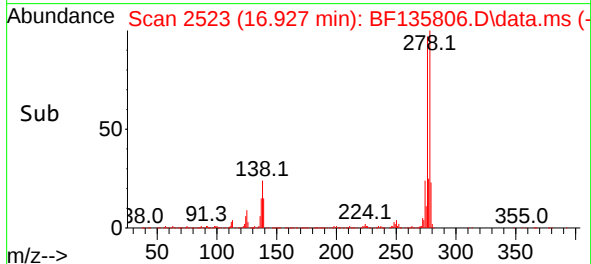
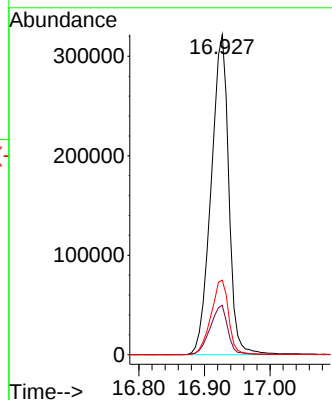
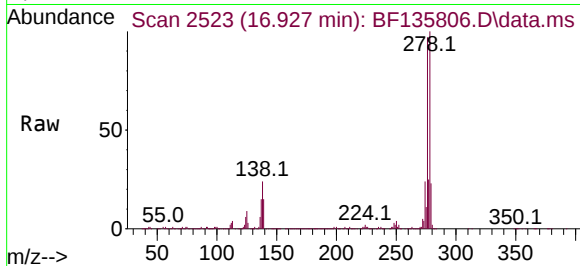




#91
Dibenzo(a,h)anthracene
Concen: 48.002 ng
RT: 16.927 min Scan# 2522
Delta R.T. -0.012 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Instrument :
BNA_F
ClientSampleId :
PB156118BSD

Tgt Ion:278 Resp: 600270
Ion Ratio Lower Upper
278 100
139 15.5 12.5 18.7
279 23.3 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 44.657 ng
RT: 17.374 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF135806.D
Acq: 17 Oct 2023 11:58

Tgt Ion:276 Resp: 573631
Ion Ratio Lower Upper
276 100
277 23.9 19.4 29.2
138 20.2 17.3 25.9

