

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135807.D
 Acq On : 17 Oct 2023 12:29
 Operator : CG\JU
 Sample : PB156372BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156372BS

Quant Time: Oct 18 01:35:08 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	6.739	152	123647	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	494613	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	260971	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	484766	20.000	ng	0.00
76) Chrysene-d12	13.945	240	312801	20.000	ng	0.00
86) Perylene-d12	15.415	264	258668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	921822	119.862	ng	0.01
7) Phenol-d6	6.398	99	1082504	112.809	ng	0.00
23) Nitrobenzene-d5	7.316	82	714056	79.401	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	316453	126.368	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1272320	76.226	ng	0.00
79) Terphenyl-d14	12.874	244	1435381	84.980	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	123452	33.279	ng	99
3) Pyridine	3.328	79	277190	30.455	ng	96
4) n-Nitrosodimethylamine	3.287	42	211496	43.210	ng	94
6) Aniline	6.410	93	349512	28.943	ng	# 52
8) 2-Chlorophenol	6.534	128	360776	43.502	ng	98
9) Benzaldehyde	6.298	77	68685	12.576	ng	98
10) Phenol	6.410	94	414546	41.229	ng	97
11) bis(2-Chloroethyl)ether	6.481	93	338320	41.760	ng	96
12) 1,3-Dichlorobenzene	6.675	146	358198	42.603	ng	98
13) 1,4-Dichlorobenzene	6.757	146	361952	42.496	ng	99
14) 1,2-Dichlorobenzene	6.904	146	330768	43.130	ng	99
15) Benzyl Alcohol	6.898	79	285994	44.824	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	602982	41.153	ng	72
17) 2-Methylphenol	7.010	107	279117	38.877	ng	97
18) Hexachloroethane	7.239	117	135697	43.941	ng	93
19) n-Nitroso-di-n-propyla...	7.163	70	232025	39.106	ng	99
20) 3+4-Methylphenols	7.169	107	353687	39.517	ng	98
22) Acetophenone	7.157	105	478056	42.144	ng	98
24) Nitrobenzene	7.334	77	374929	41.540	ng	98
25) Isophorone	7.569	82	693898	40.899	ng	98
26) 2-Nitrophenol	7.645	139	193725	43.982	ng	99
27) 2,4-Dimethylphenol	7.686	122	298721	41.196	ng	97
28) bis(2-Chloroethoxy)met...	7.775	93	422885	41.854	ng	99
29) 2,4-Dichlorophenol	7.892	162	299117	44.019	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	303788	43.710	ng	98
31) Naphthalene	8.039	128	986226	40.880	ng	98
32) Benzoic acid	7.863	122	223752	45.587	ng	96
33) 4-Chloroaniline	8.104	127	229484	21.776	ng	96
34) Hexachlorobutadiene	8.151	225	178728	43.446	ng	97
35) Caprolactam	8.492	113	70491	30.345	ng	93
36) 4-Chloro-3-methylphenol	8.604	107	334572	44.398	ng	98
37) 2-Methylnaphthalene	8.733	142	630855	39.689	ng	99
38) 1-Methylnaphthalene	8.833	142	609144	41.550	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	311361	41.476	ng	100
41) Hexachlorocyclopentadiene	8.881	237	127730	81.178	ng	95
43) 2,4,6-Trichlorophenol	9.028	196	210237	43.459	ng	99

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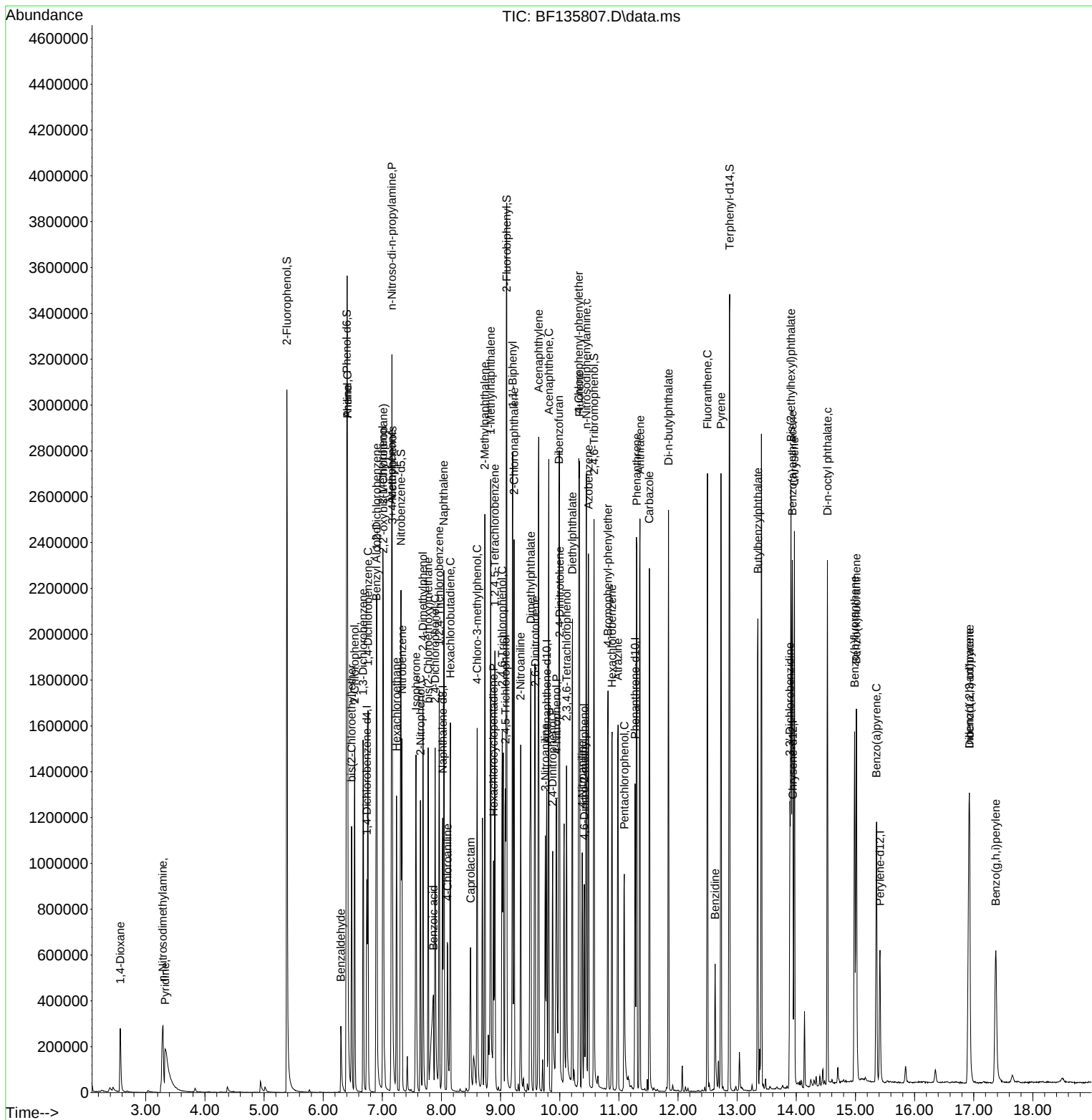
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	223707	39.759	ng	96
46) 1,1'-Biphenyl	9.204	154	828840	41.461	ng	98
47) 2-Chloronaphthalene	9.228	162	622221	43.188	ng	99
48) 2-Nitroaniline	9.339	65	245489	43.168	ng	97
49) Acenaphthylene	9.645	152	993317	41.662	ng	100
50) Dimethylphthalate	9.510	163	747245	42.416	ng	99
51) 2,6-Dinitrotoluene	9.586	165	165204	43.607	ng	# 82
52) Acenaphthene	9.816	154	588722	41.196	ng	98
53) 3-Nitroaniline	9.757	138	145866	31.408	ng	100
54) 2,4-Dinitrophenol	9.880	184	166240	105.120	ng	98
55) Dibenzofuran	9.986	168	900490	41.761	ng	99
56) 4-Nitrophenol	9.945	139	187525	87.570	ng	97
57) 2,4-Dinitrotoluene	9.998	165	213972	44.395	ng	94
58) Fluorene	10.333	166	717135	42.482	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	191714	45.087	ng	98
60) Diethylphthalate	10.216	149	752933	41.864	ng	98
61) 4-Chlorophenyl-phenyle...	10.322	204	340673	41.756	ng	96
62) 4-Nitroaniline	10.380	138	172086	40.273	ng	98
63) Azobenzene	10.486	77	734421	42.030	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	114750	47.036	ng	89
66) n-Nitrosodiphenylamine	10.451	169	645311	43.674	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	208923	42.933	ng	98
68) Hexachlorobenzene	10.886	284	222215	44.853	ng	96
69) Atrazine	10.986	200	196005	48.770	ng	96
70) Pentachlorophenol	11.092	266	154840	79.242	ng	98
71) Phenanthrene	11.304	178	980567	42.225	ng	100
72) Anthracene	11.357	178	993202	41.273	ng	100
73) Carbazole	11.516	167	949344	42.300	ng	99
74) Di-n-butylphthalate	11.839	149	1177686	42.740	ng	100
75) Fluoranthene	12.498	202	1096051	42.525	ng	98
77) Benzidine	12.627	184	246493	36.113	ng	98
78) Pyrene	12.727	202	1106801	44.527	ng	99
80) Butylbenzylphthalate	13.351	149	502697	46.022	ng	95
81) Benzo(a)anthracene	13.933	228	903198	43.960	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	247439	36.313	ng	98
83) Chrysene	13.968	228	822049	41.308	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	667134	45.064	ng	# 98
85) Di-n-octyl phthalate	14.527	149	1014073	43.197	ng	98
87) Indeno(1,2,3-cd)pyrene	16.927	276	686580	48.714	ng	98
88) Benzo(b)fluoranthene	14.986	252	716050	49.462	ng	98
89) Benzo(k)fluoranthene	15.015	252	706217	50.247	ng	99
90) Benzo(a)pyrene	15.357	252	575469	42.273	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	571005	49.420	ng	99
92) Benzo(g,h,i)perylene	17.374	276	573315	48.306	ng	98

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

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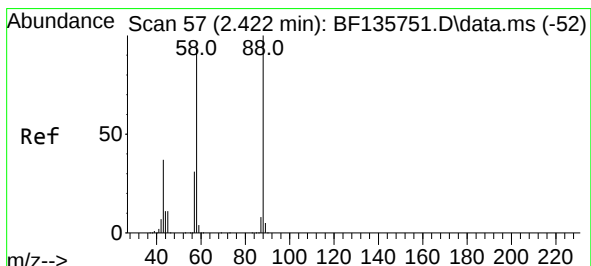
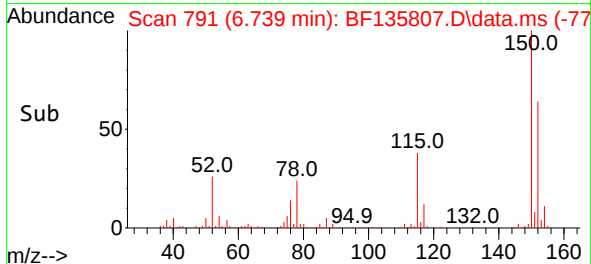
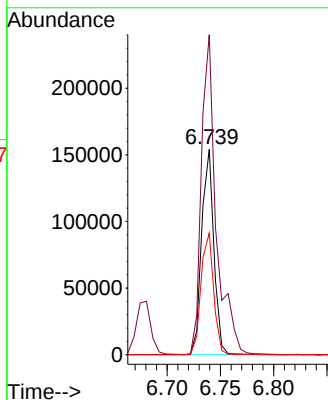
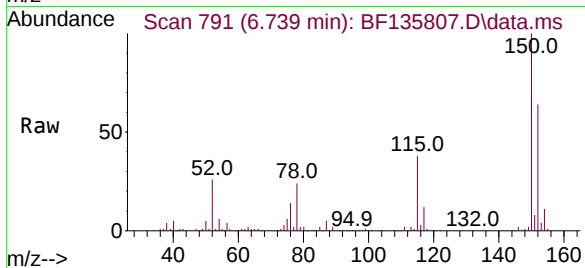




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 791
 Delta R.T. -0.007 min
 Lab File: BF135807.D
 Acq: 17 Oct 2023 12:29

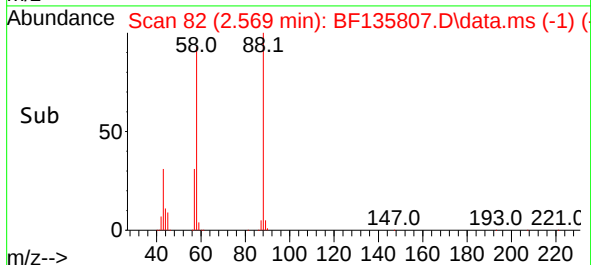
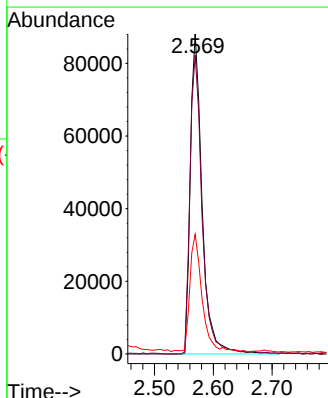
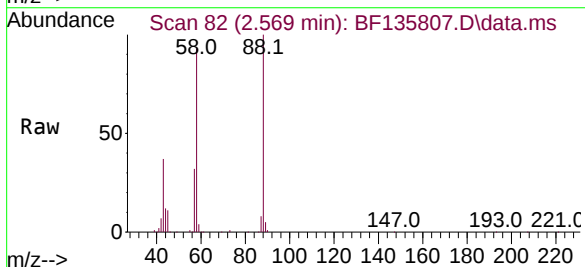
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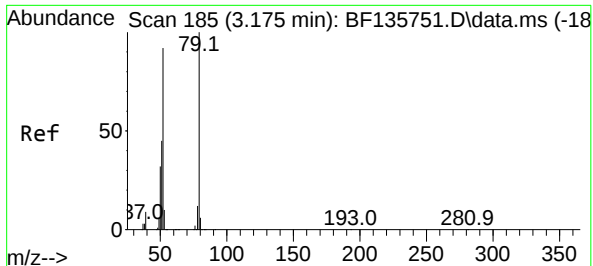
Tgt Ion:152 Resp: 123647
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.5 186.7
 115 59.2 49.0 73.4



#2
 1,4-Dioxane
 Concen: 33.279 ng
 RT: 2.569 min Scan# 82
 Delta R.T. 0.129 min
 Lab File: BF135807.D
 Acq: 17 Oct 2023 12:29

Tgt Ion: 88 Resp: 123452
 Ion Ratio Lower Upper
 88 100
 58 95.6 76.1 114.1
 43 36.8 29.8 44.8

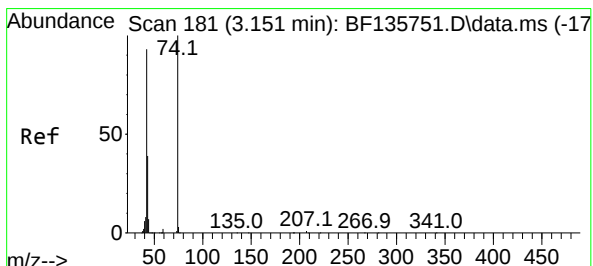
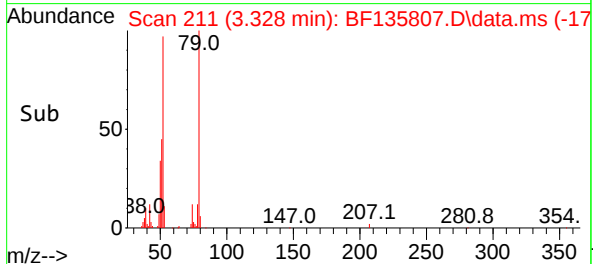
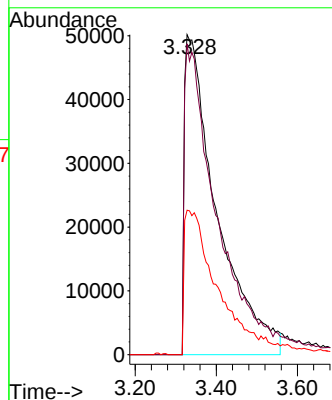
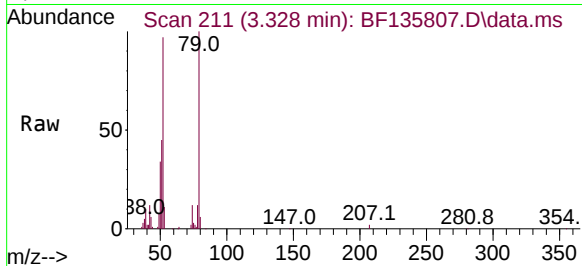




#3
 Pyridine
 Concen: 30.455 ng
 RT: 3.328 min Scan# 211
 Delta R.T. 0.141 min
 Lab File: BF135807.D
 Acq: 17 Oct 2023 12:29

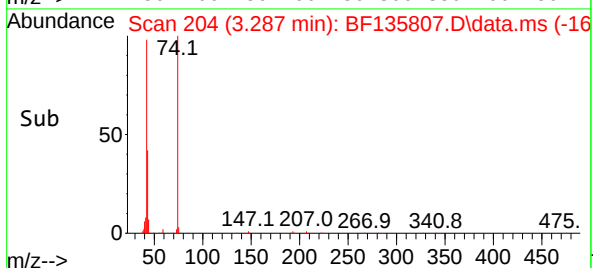
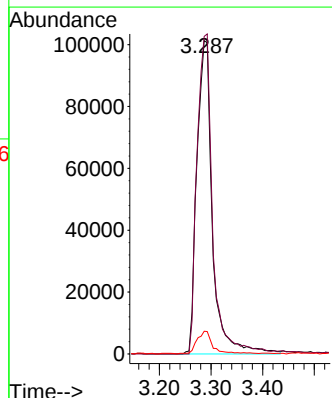
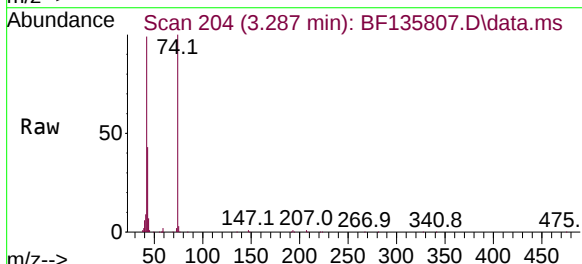
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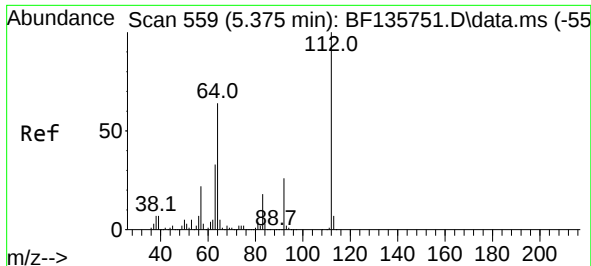
Tgt Ion: 79 Resp: 277190
 Ion Ratio Lower Upper
 79 100
 52 97.1 73.4 110.2
 51 45.2 36.5 54.7



#4
 n-Nitrosodimethylamine
 Concen: 43.210 ng
 RT: 3.287 min Scan# 204
 Delta R.T. 0.117 min
 Lab File: BF135807.D
 Acq: 17 Oct 2023 12:29

Tgt Ion: 42 Resp: 211496
 Ion Ratio Lower Upper
 42 100
 74 101.4 86.5 129.7
 44 7.3 5.9 8.9

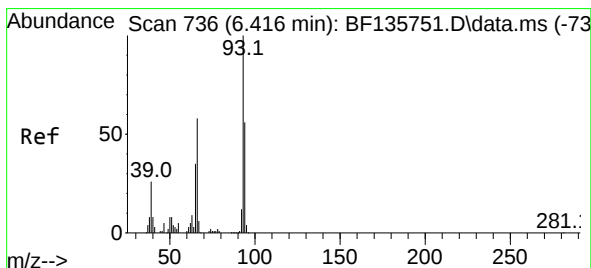
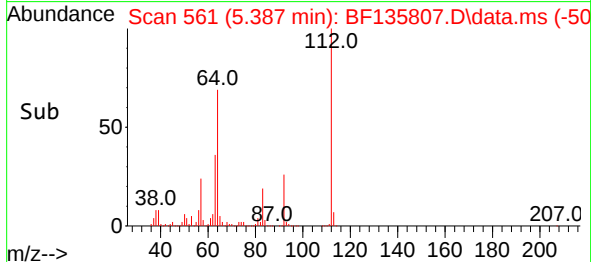
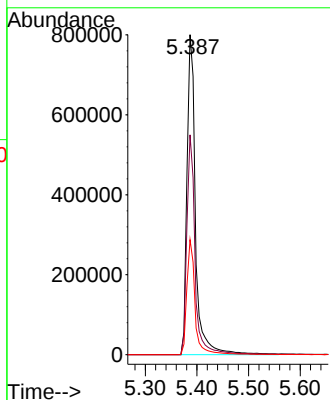
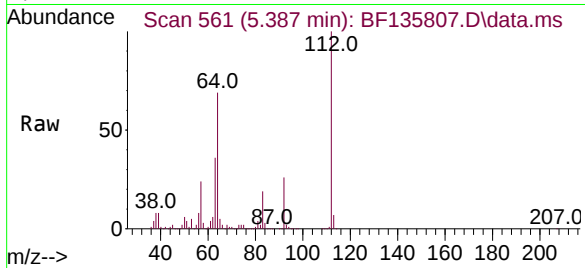




#5
2-Fluorophenol
Concen: 119.862 ng
RT: 5.387 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

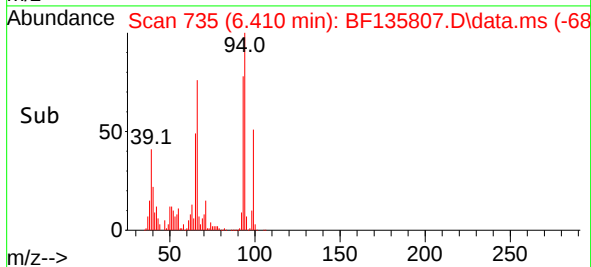
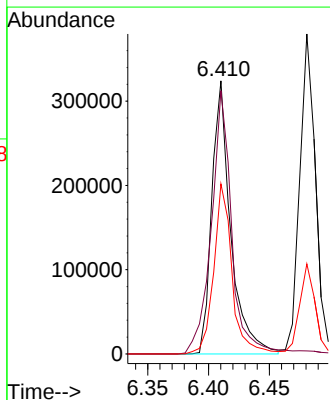
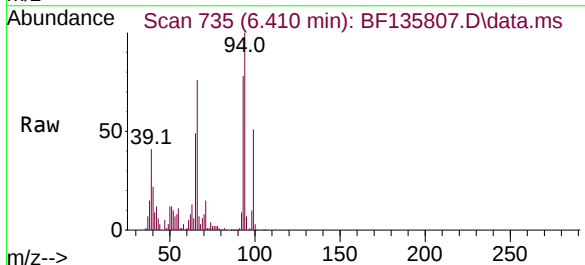
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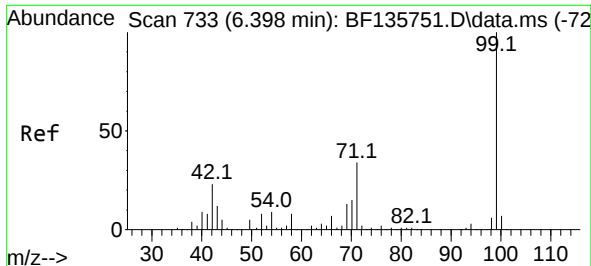
Tgt Ion:112 Resp: 921822
Ion Ratio Lower Upper
112 100
64 68.7 51.2 76.8
63 36.0 26.1 39.1



#6
Aniline
Concen: 28.943 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion: 93 Resp: 349512
Ion Ratio Lower Upper
93 100
66 96.4 47.6 71.4#
65 62.3 28.5 42.7#

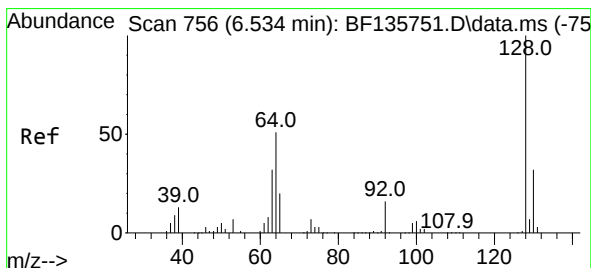
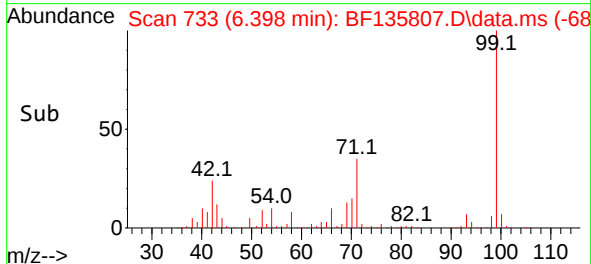
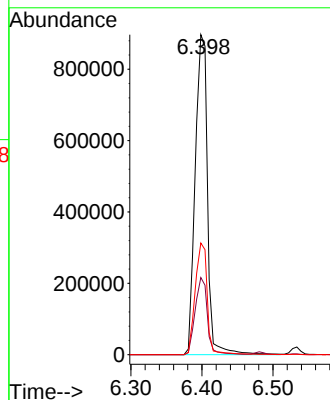
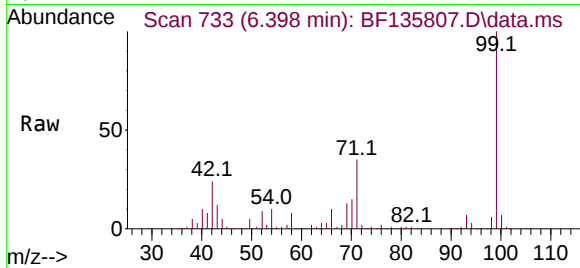




#7
Phenol-d6
Concen: 112.809 ng
RT: 6.398 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

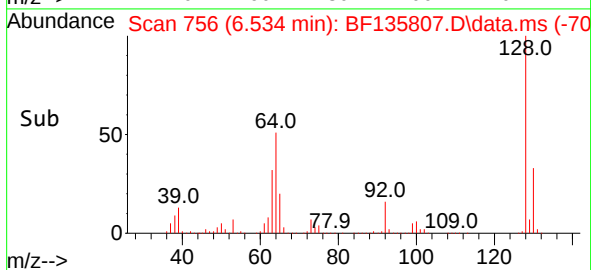
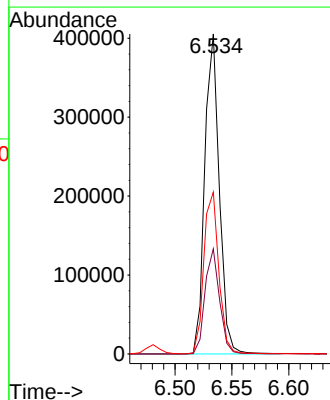
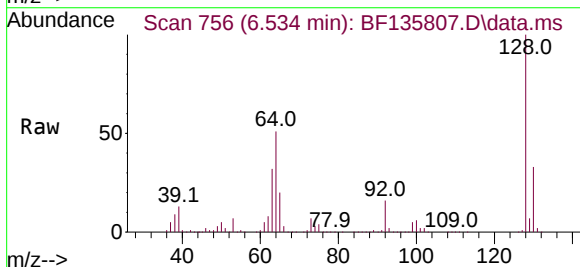
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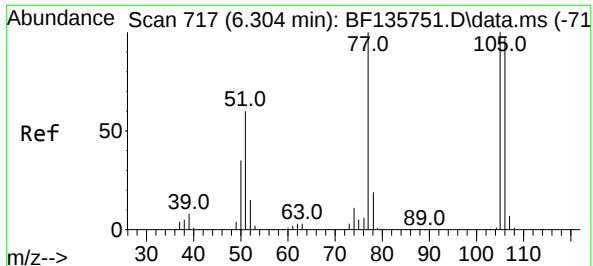
Tgt Ion: 99 Resp: 1082504
Ion Ratio Lower Upper
99 100
42 24.1 18.4 27.6
71 34.9 27.2 40.8



#8
2-Chlorophenol
Concen: 43.502 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF135807.D
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Tgt Ion:128 Resp: 360776
Ion Ratio Lower Upper
128 100
130 32.8 12.4 52.4
64 50.6 32.3 72.3

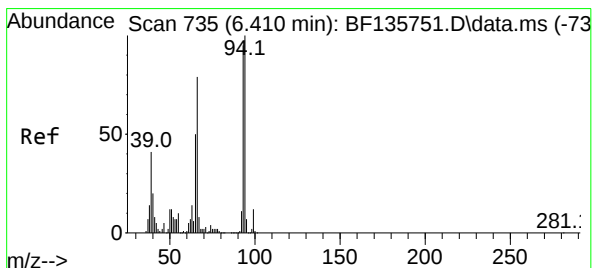
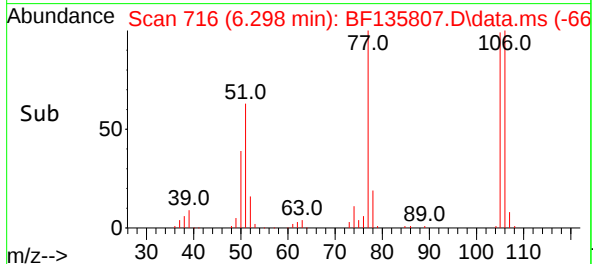
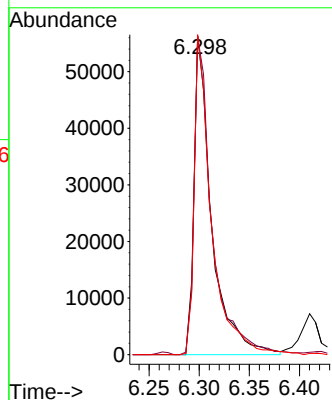
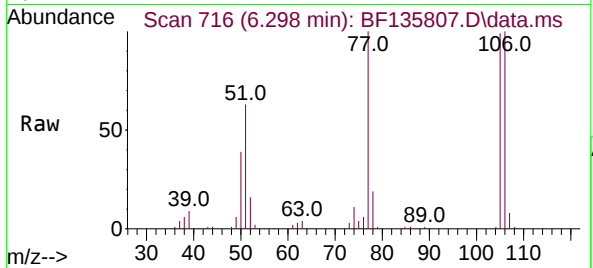




#9
Benzaldehyde
Concen: 12.576 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

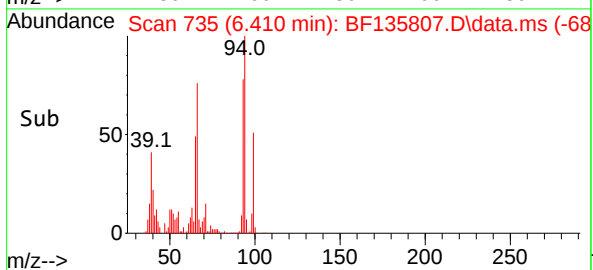
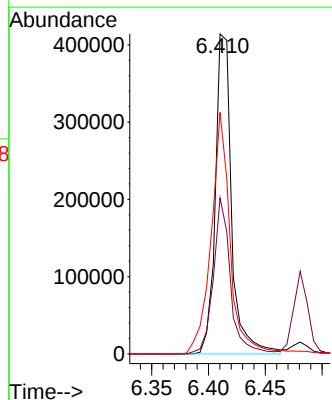
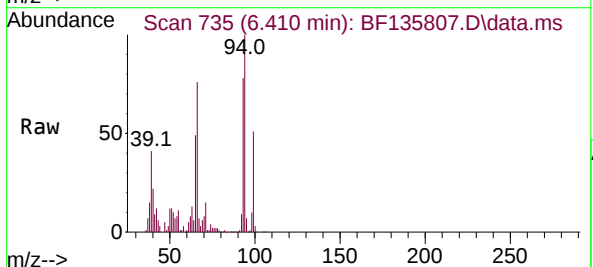
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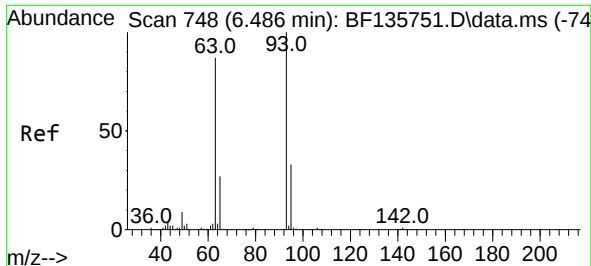
Tgt Ion: 77 Resp: 68685
Ion Ratio Lower Upper
77 100
105 99.7 79.9 119.9
106 100.4 77.1 117.1



#10
Phenol
Concen: 41.229 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion: 94 Resp: 414546
Ion Ratio Lower Upper
94 100
65 48.8 30.3 70.3
66 75.5 59.1 99.1

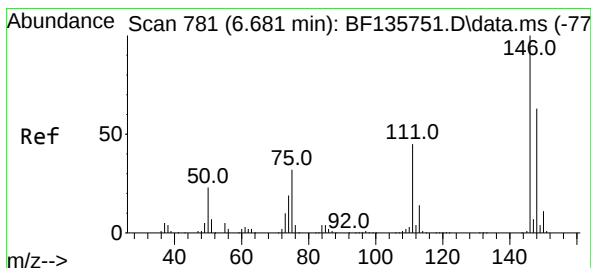
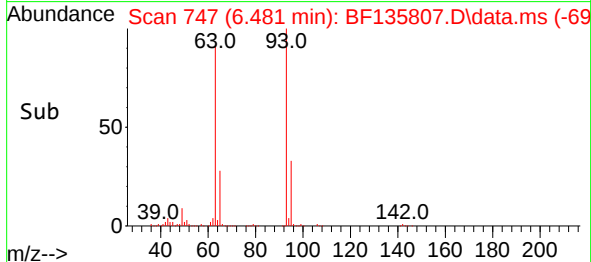
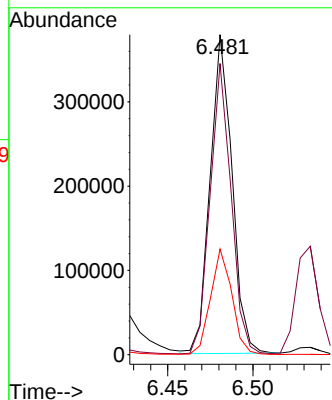
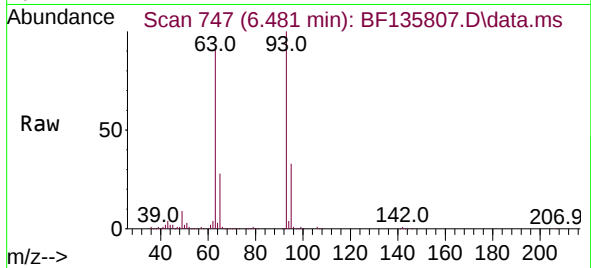




#11
bis(2-Chloroethyl)ether
Concen: 41.760 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

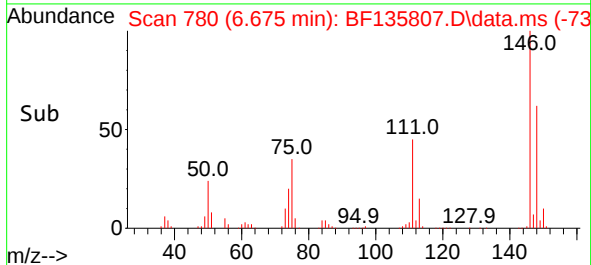
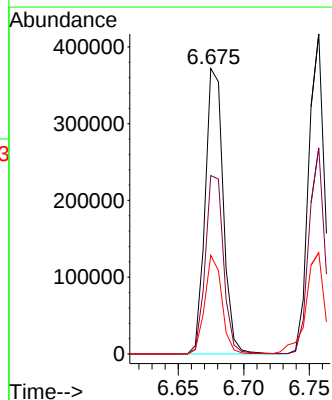
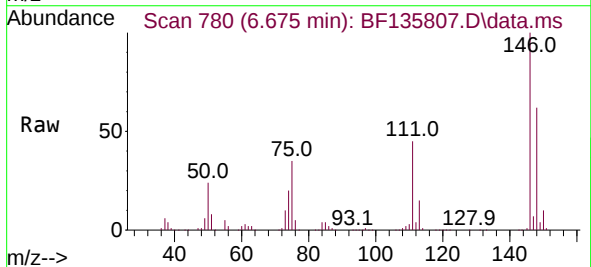
Instrument :
BNA_F
ClientSampleId :
PB156372BS

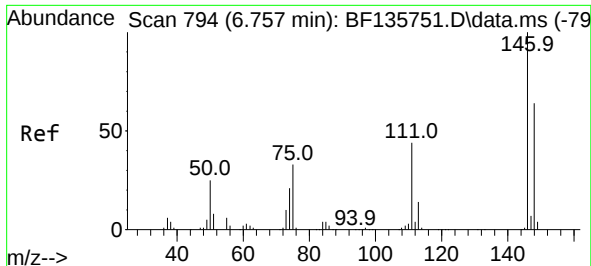
Tgt Ion: 93 Resp: 338320
Ion Ratio Lower Upper
93 100
63 91.0 66.3 106.3
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.603 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:146 Resp: 358198
Ion Ratio Lower Upper
146 100
148 62.5 50.2 75.4
75 34.5 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 42.496 ng

RT: 6.757 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

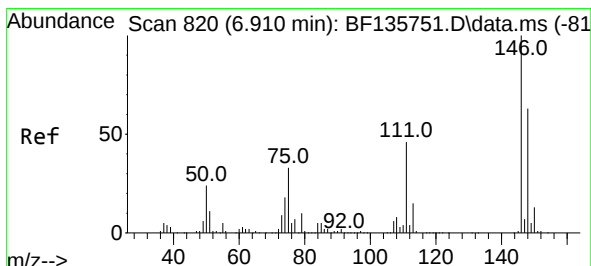
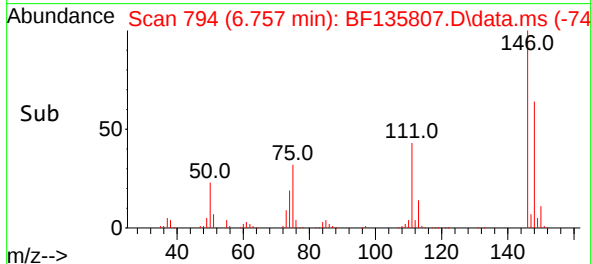
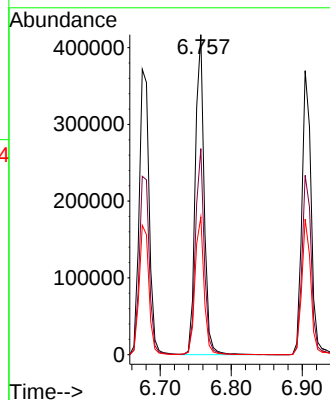
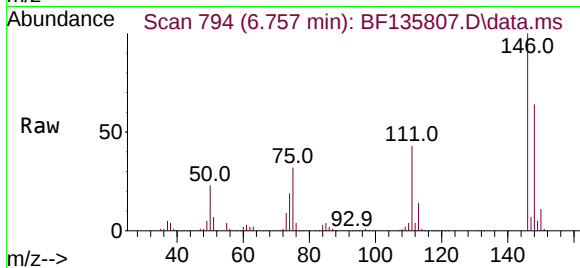
Tgt Ion:146 Resp: 361952

Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.6

111 43.0 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 43.130 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

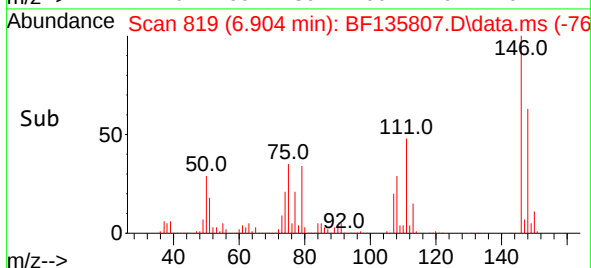
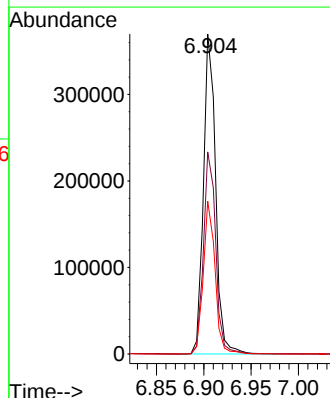
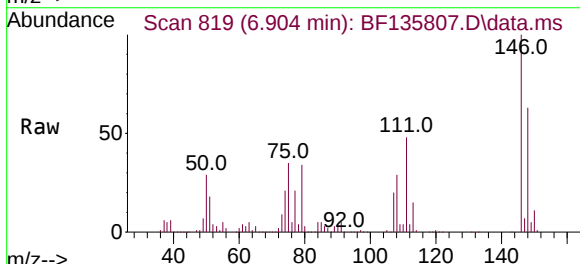
Tgt Ion:146 Resp: 330768

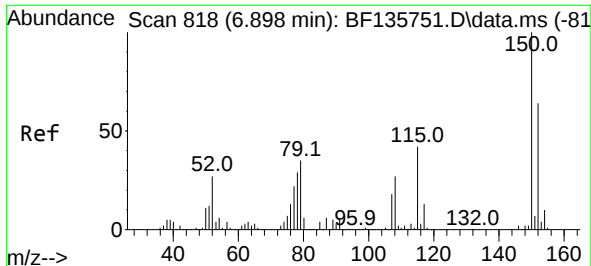
Ion Ratio Lower Upper

146 100

148 63.1 50.2 75.2

111 47.8 37.1 55.7

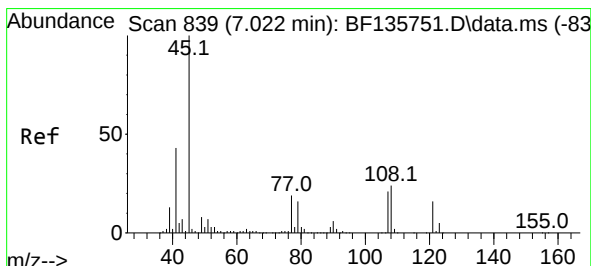
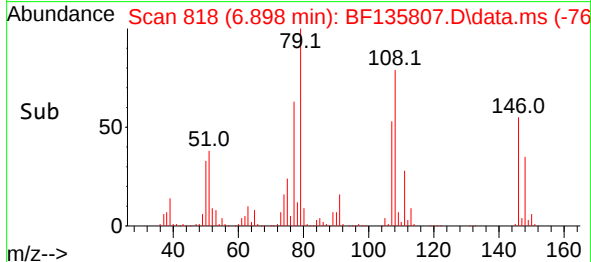
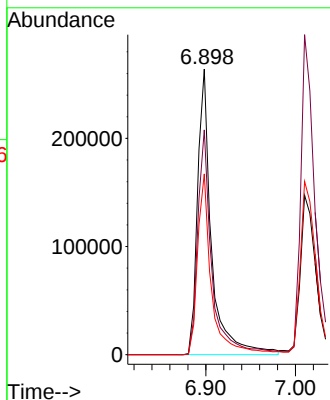
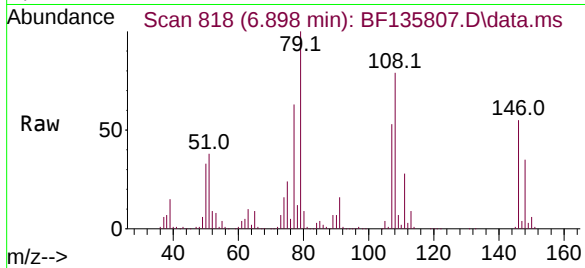




#15
Benzyl Alcohol
Concen: 44.824 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

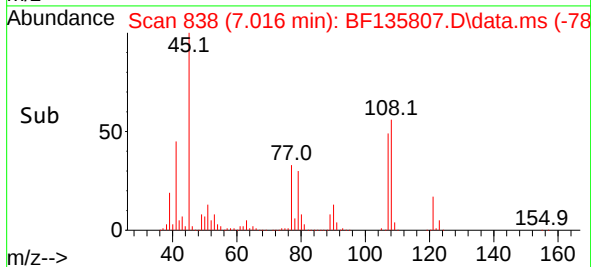
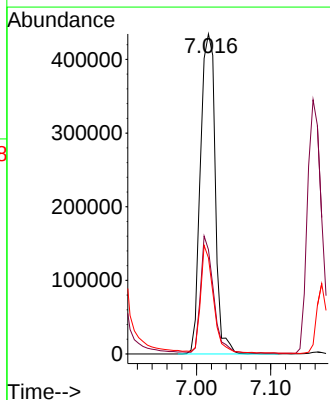
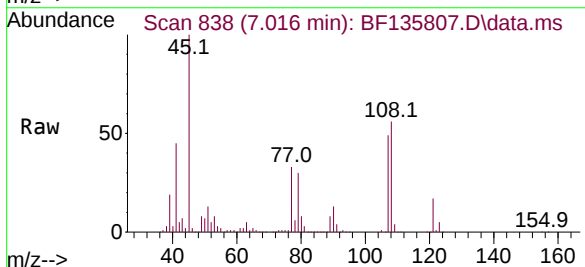
Instrument :
BNA_F
ClientSampleId :
PB156372BS

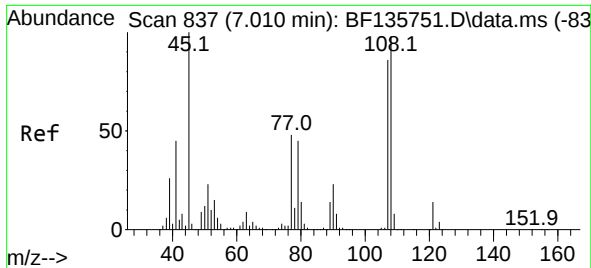
Tgt Ion: 79 Resp: 285994
Ion Ratio Lower Upper
79 100
108 78.7 62.0 93.0
77 63.3 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.153 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion: 45 Resp: 602982
Ion Ratio Lower Upper
45 100
77 32.6 0.0 39.8
79 30.0 0.0 37.6

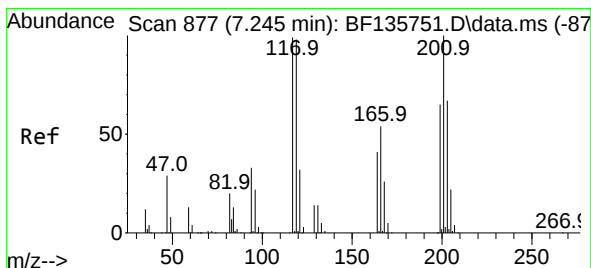
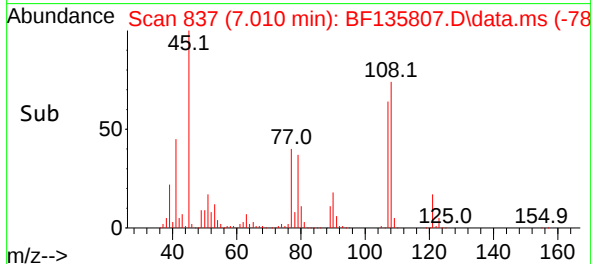
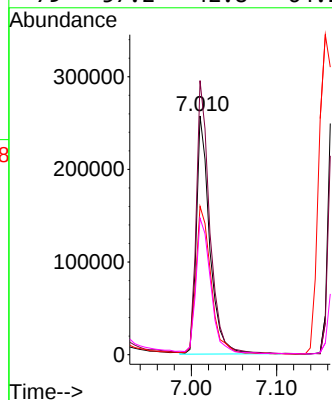
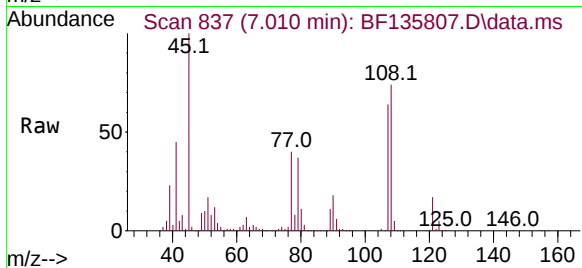




#17
2-Methylphenol
Concen: 38.877 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

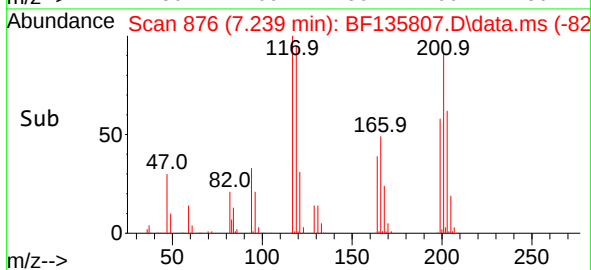
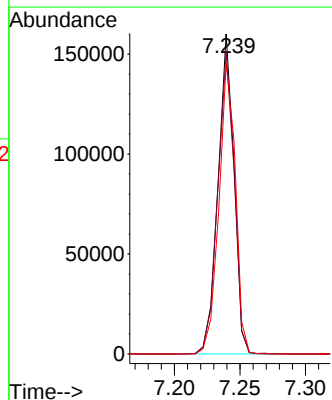
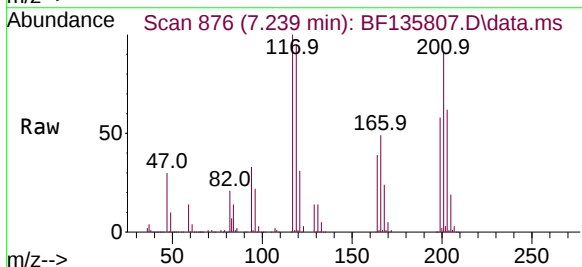
Instrument :
BNA_F
ClientSampleId :
PB156372BS

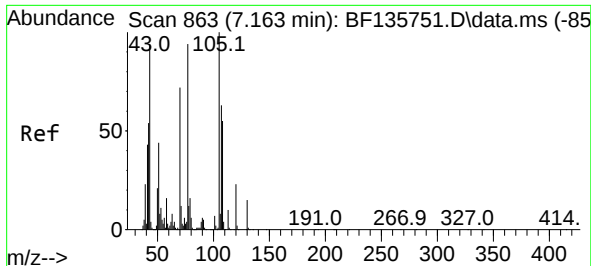
Tgt Ion:	107	Resp:	279117
Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.8	137.6
77	62.2	45.4	68.0
79	57.2	42.8	64.2



#18
Hexachloroethane
Concen: 43.941 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:	117	Resp:	135697
Ion	Ratio	Lower	Upper
117	100		
119	94.6	79.5	119.3
201	91.0	80.9	121.3





#19

n-Nitroso-di-n-propylamine

Concen: 39.106 ng

RT: 7.163 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF135807.D

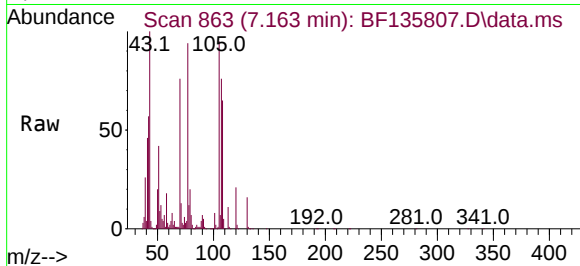
Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS



Tgt Ion: 70 Resp: 232025

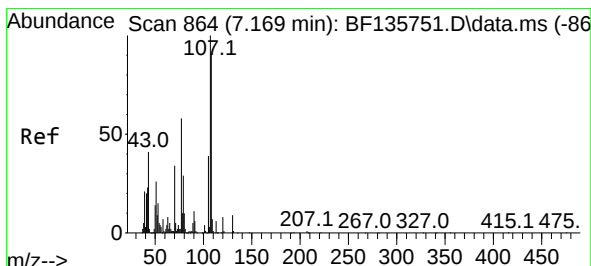
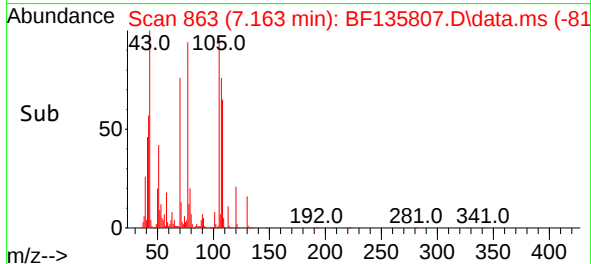
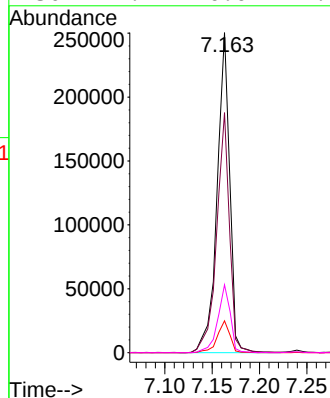
Ion Ratio Lower Upper

70 100

42 75.0 59.8 89.6

101 10.0 7.4 11.2

130 21.2 16.6 24.8



#20

3+4-Methylphenols

Concen: 39.517 ng

RT: 7.169 min Scan# 864

Delta R.T. -0.000 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Tgt Ion: 107 Resp: 353687

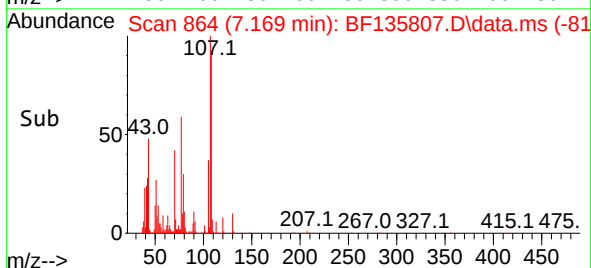
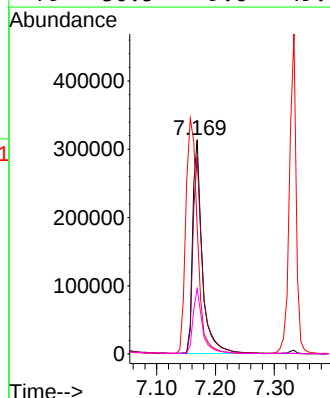
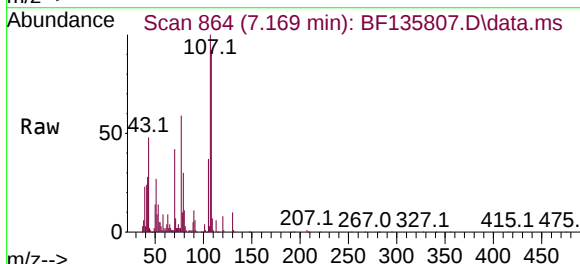
Ion Ratio Lower Upper

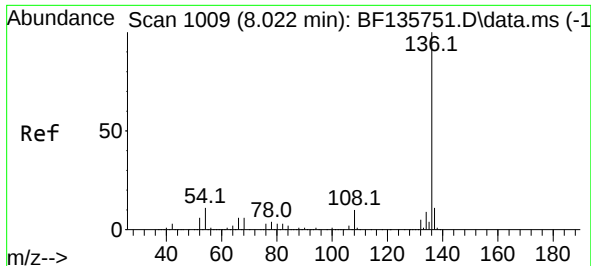
107 100

108 92.1 71.1 111.1

77 59.1 42.0 82.0

79 30.5 9.6 49.6

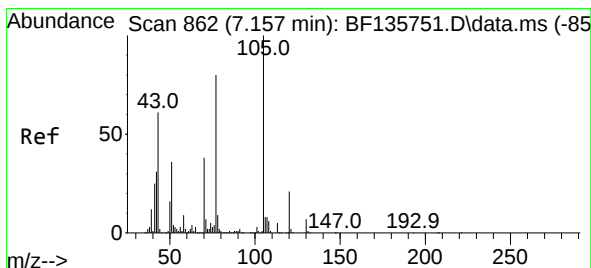
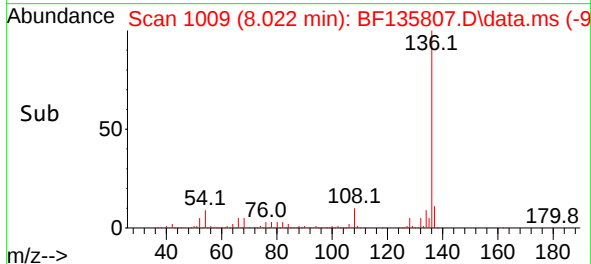
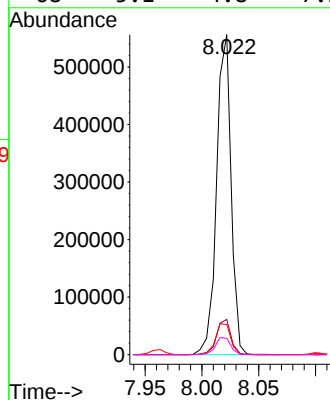
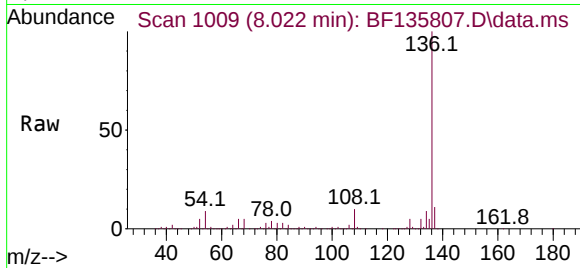




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

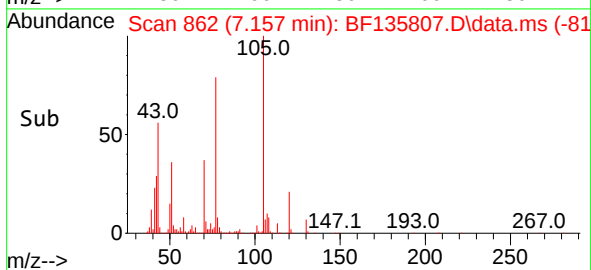
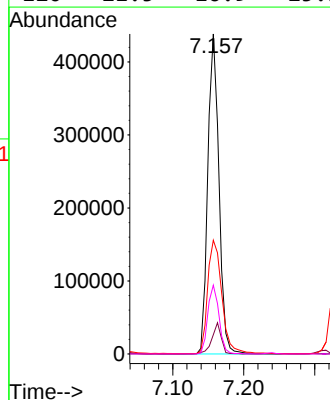
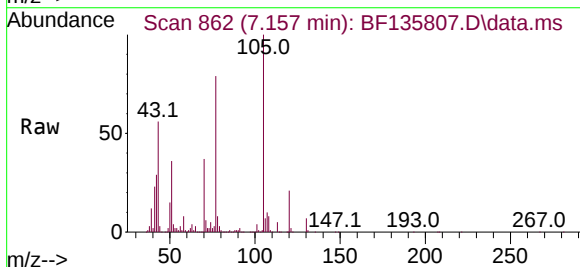
Instrument :
BNA_F
ClientSampleId :
PB156372BS

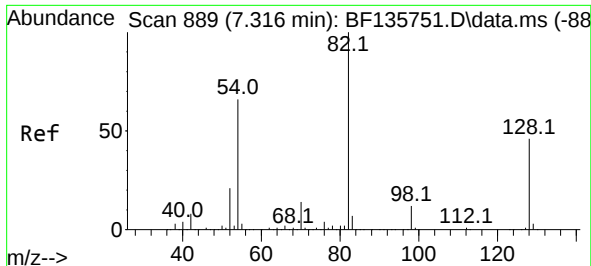
Tgt Ion:136 Resp: 494613
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.4 8.5 12.7
68 5.1 4.8 7.2



#22
Acetophenone
Concen: 42.144 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:105 Resp: 478056
Ion Ratio Lower Upper
105 100
71 6.0 5.4 8.0
51 35.6 29.4 44.0
120 21.5 16.9 25.3





#23

Nitrobenzene-d5

Concen: 79.401 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Instrument :

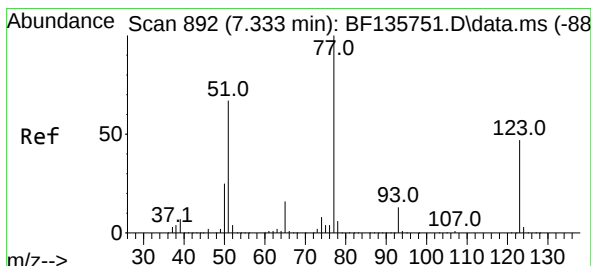
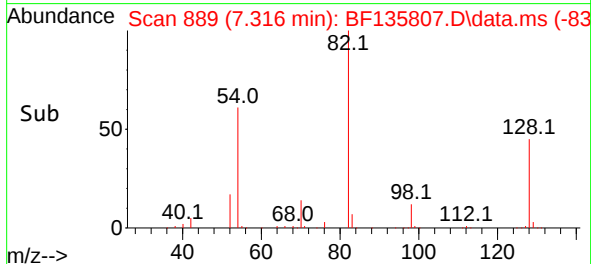
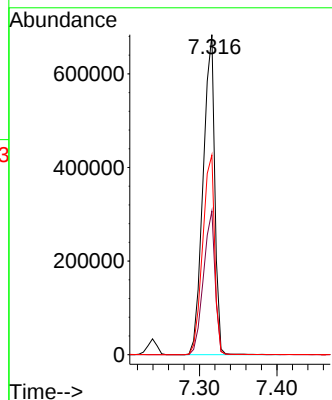
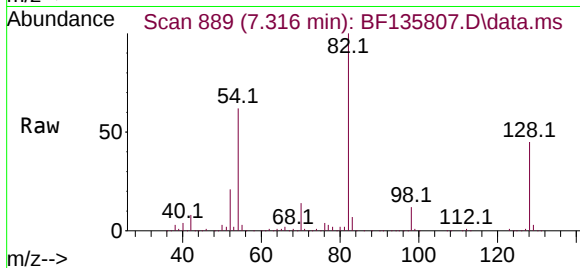
BNA_F

ClientSampleId :

PB156372BS

Tgt Ion: 82 Resp: 714056

Ion	Ratio	Lower	Upper
82	100		
128	44.9	37.0	55.6
54	62.4	52.8	79.2



#24

Nitrobenzene

Concen: 41.540 ng

RT: 7.334 min Scan# 892

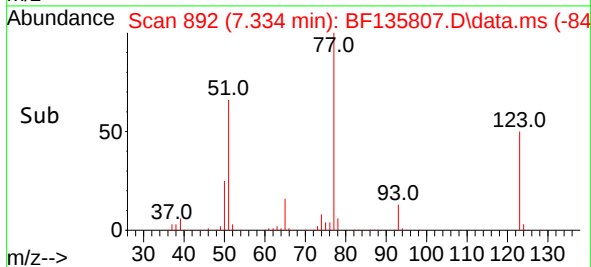
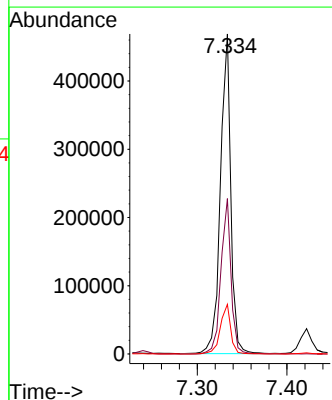
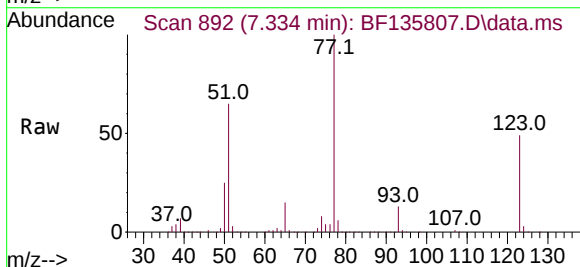
Delta R.T. -0.000 min

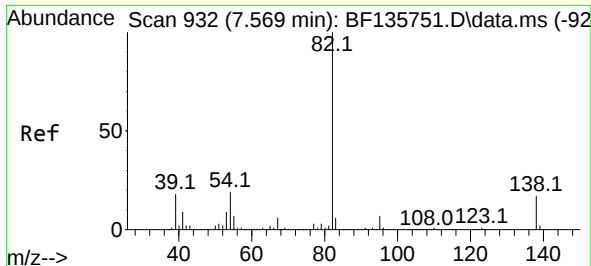
Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Tgt Ion: 77 Resp: 374929

Ion	Ratio	Lower	Upper
77	100		
123	48.5	37.3	55.9
65	15.5	12.6	18.8

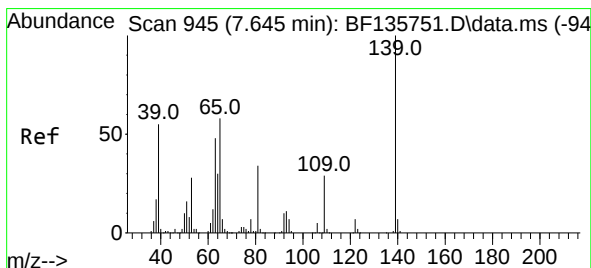
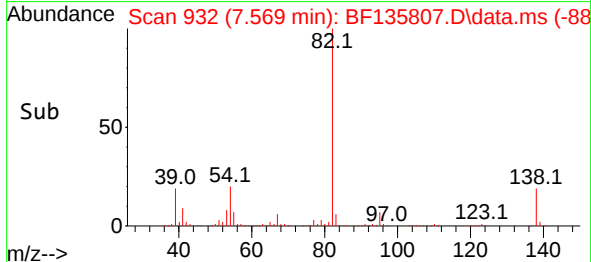
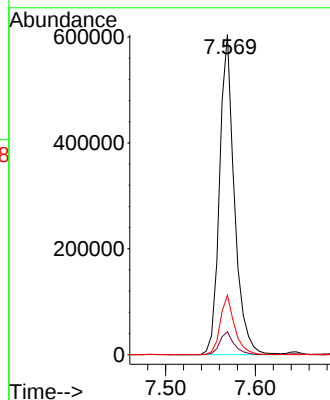
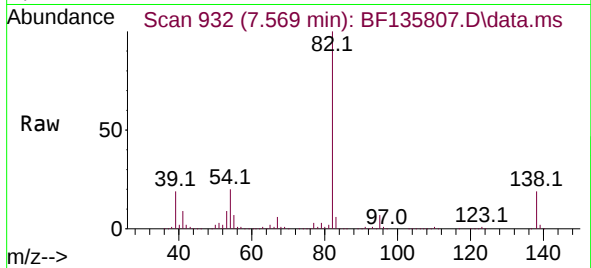




#25
Isophorone
Concen: 40.899 ng
RT: 7.569 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

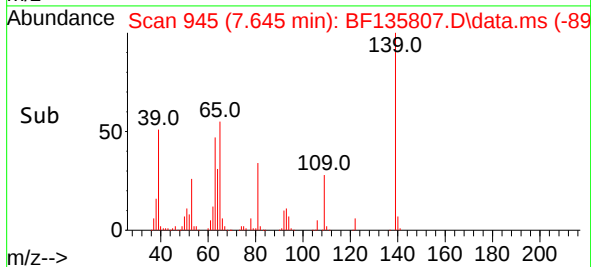
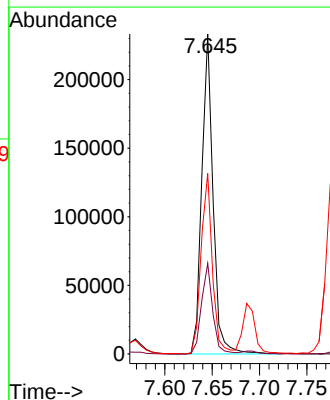
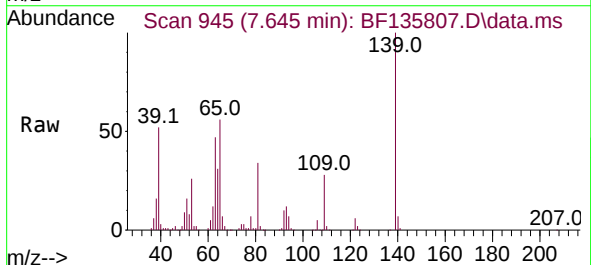
Instrument :
BNA_F
ClientSampleId :
PB156372BS

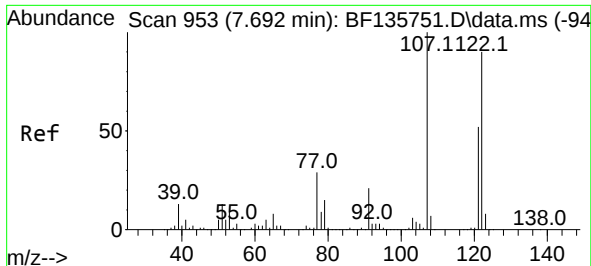
Tgt Ion: 82 Resp: 693898
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 18.5 13.9 20.9



#26
2-Nitrophenol
Concen: 43.982 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:139 Resp: 193725
Ion Ratio Lower Upper
139 100
109 28.3 23.0 34.4
65 56.4 46.0 69.0

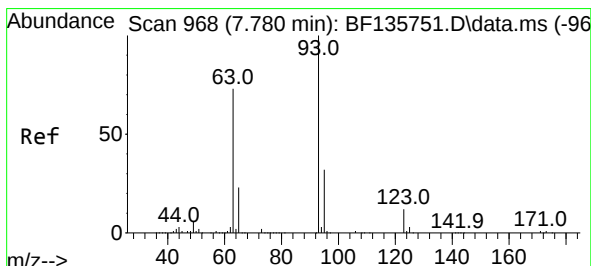
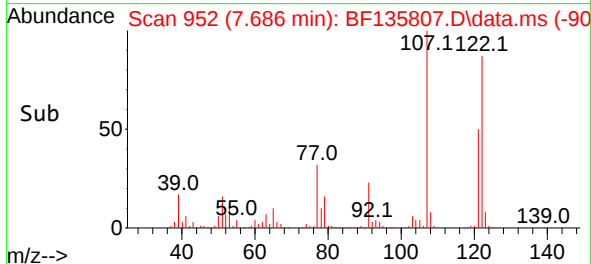
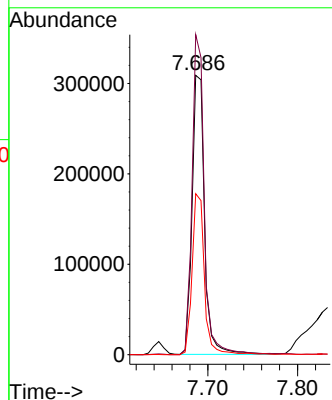
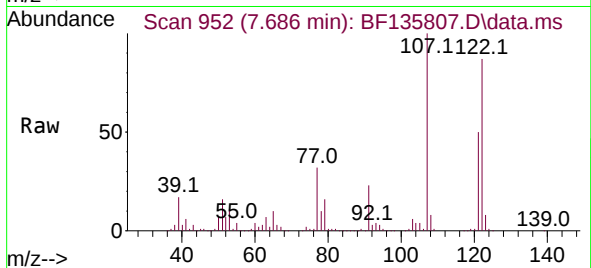




#27
2,4-Dimethylphenol
Concen: 41.196 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

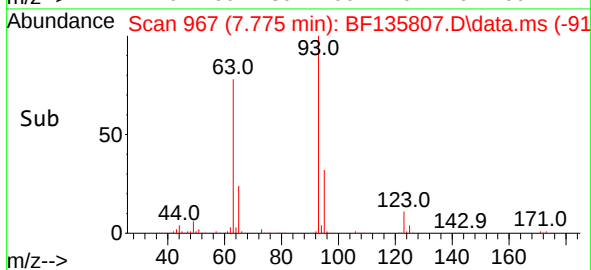
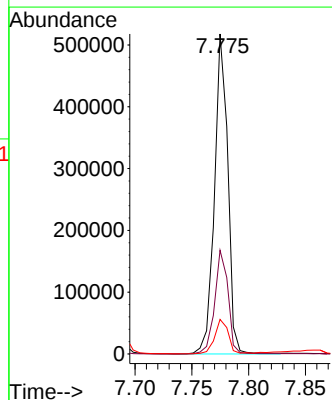
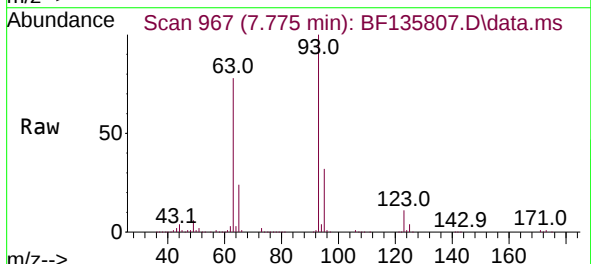
Instrument :
BNA_F
ClientSampleId :
PB156372BS

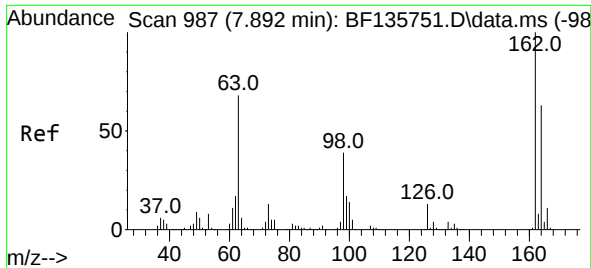
Tgt Ion:122 Resp: 298721
Ion Ratio Lower Upper
122 100
107 114.5 88.2 132.4
121 57.6 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 41.854 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion: 93 Resp: 422885
Ion Ratio Lower Upper
93 100
95 32.4 25.7 38.5
123 10.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 44.019 ng

RT: 7.892 min Scan# 987

Delta R.T. -0.000 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

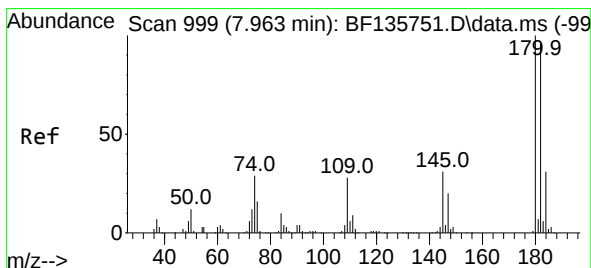
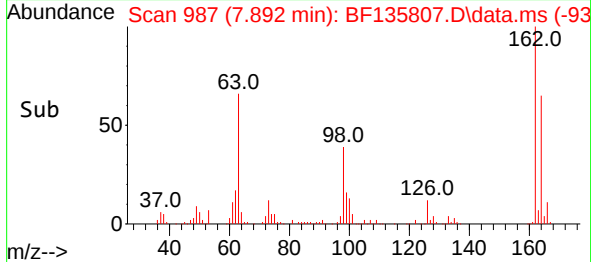
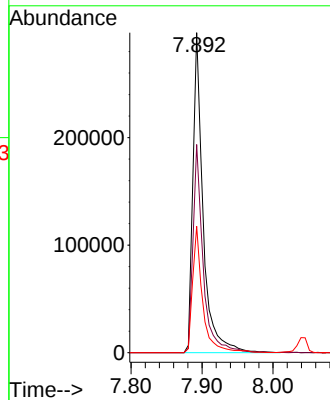
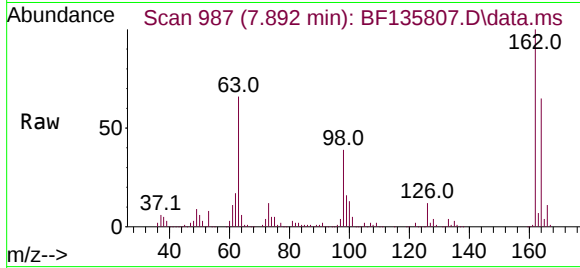
Tgt Ion:162 Resp: 299117

Ion Ratio Lower Upper

162 100

164 65.0 43.4 83.4

98 39.5 19.0 59.0



#30

1,2,4-Trichlorobenzene

Concen: 43.710 ng

RT: 7.963 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

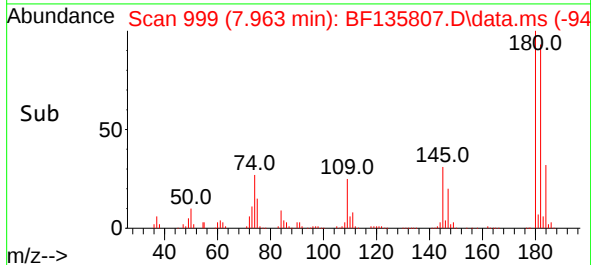
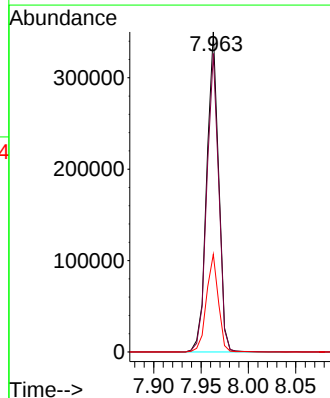
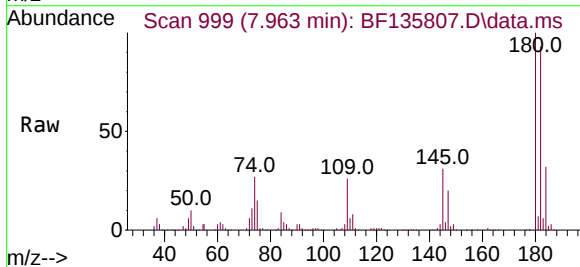
Tgt Ion:180 Resp: 303788

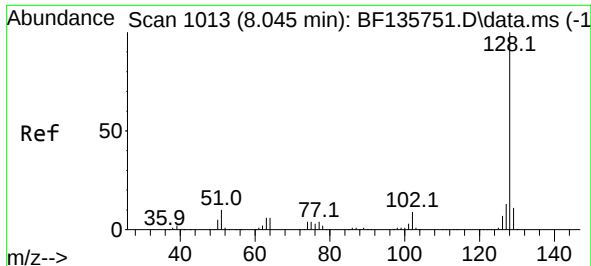
Ion Ratio Lower Upper

180 100

182 93.2 76.4 114.6

145 30.5 25.0 37.6

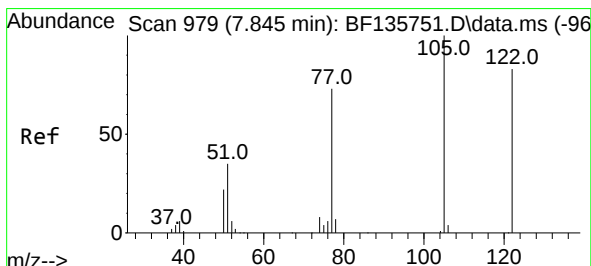
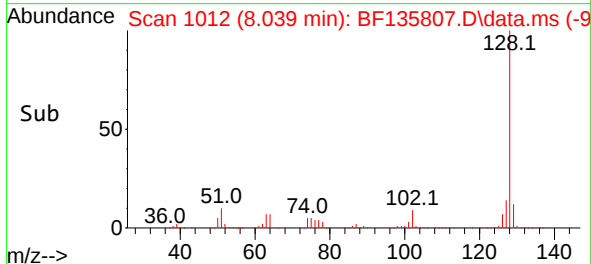
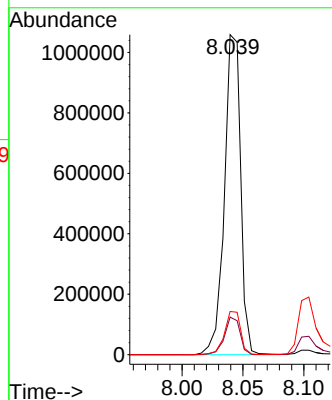
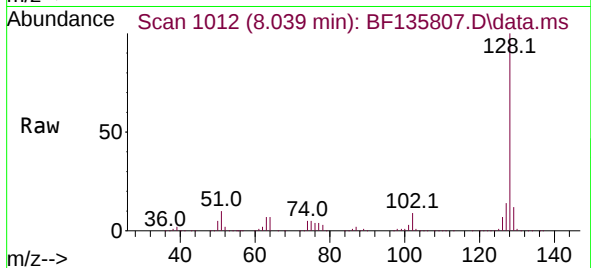




#31
Naphthalene
Concen: 40.880 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

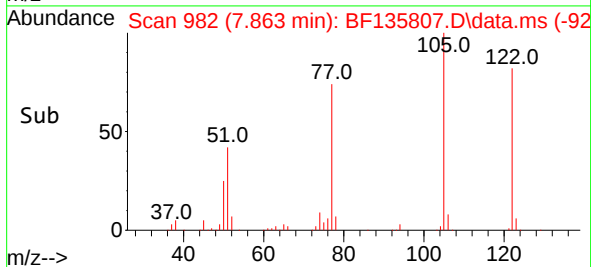
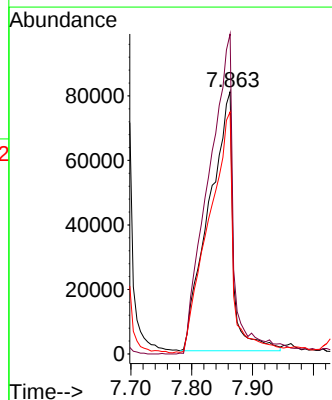
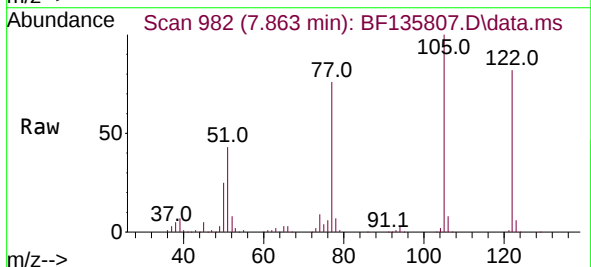
Instrument :
BNA_F
ClientSampleId :
PB156372BS

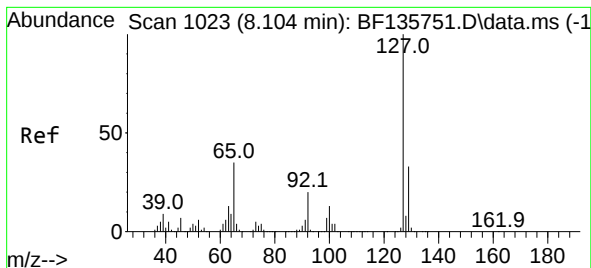
Tgt Ion:128 Resp: 986226
Ion Ratio Lower Upper
128 100
129 11.8 8.7 13.1
127 13.5 10.2 15.4



#32
Benzoic acid
Concen: 45.587 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.012 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:122 Resp: 223752
Ion Ratio Lower Upper
122 100
105 122.0 98.7 138.7
77 92.3 67.8 107.8





#33

4-Chloroaniline

Concen: 21.776 ng

RT: 8.104 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

Tgt Ion:127 Resp: 229484

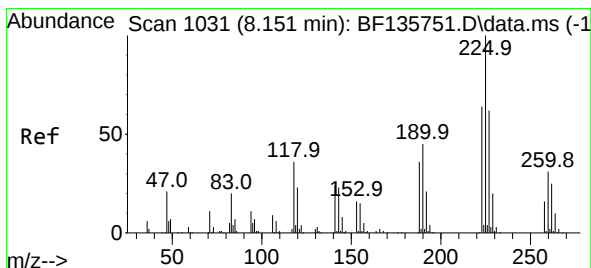
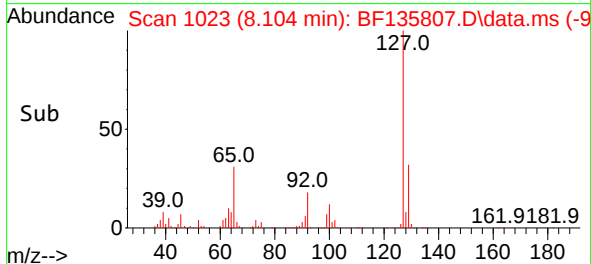
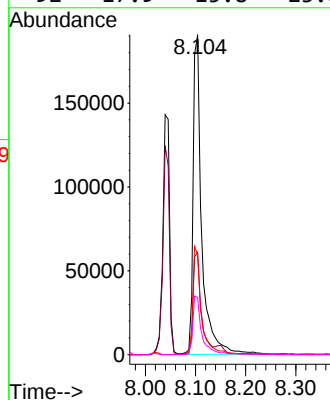
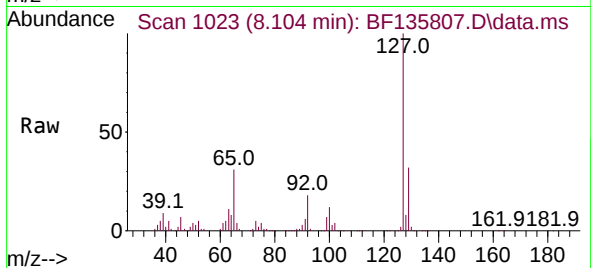
Ion Ratio Lower Upper

127 100

129 31.9 26.5 39.7

65 31.3 27.9 41.9

92 17.9 15.8 23.8



#34

Hexachlorobutadiene

Concen: 43.446 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

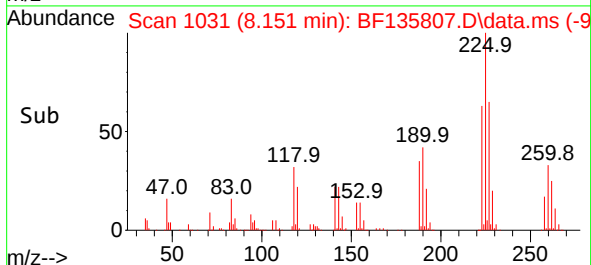
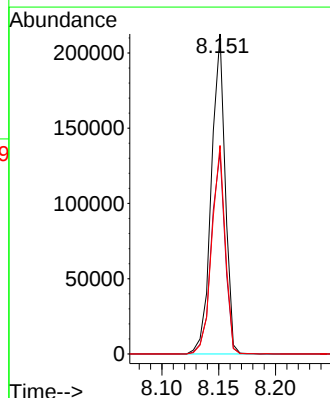
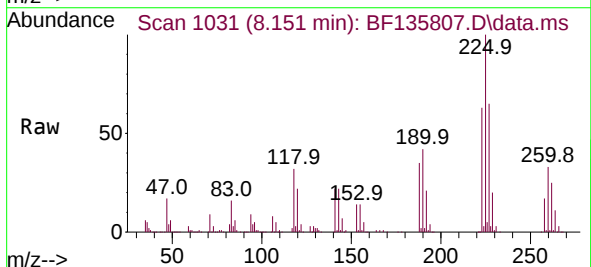
Tgt Ion:225 Resp: 178728

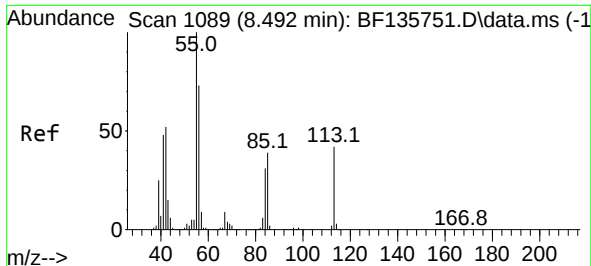
Ion Ratio Lower Upper

225 100

223 62.9 51.1 76.7

227 65.1 49.7 74.5

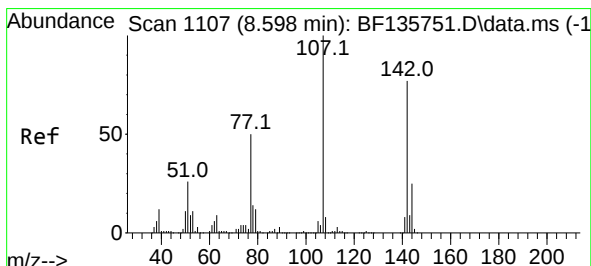
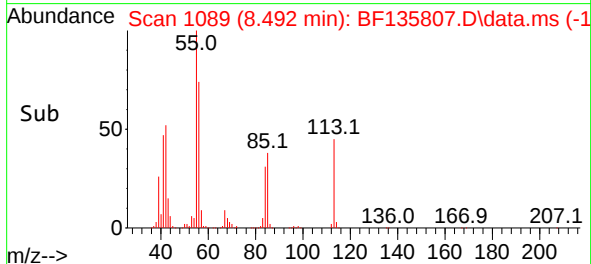
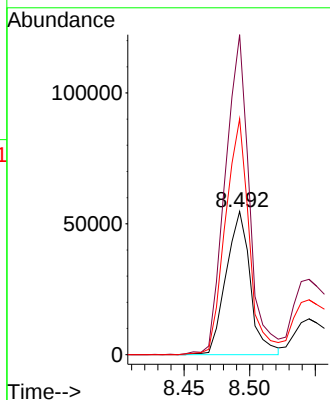
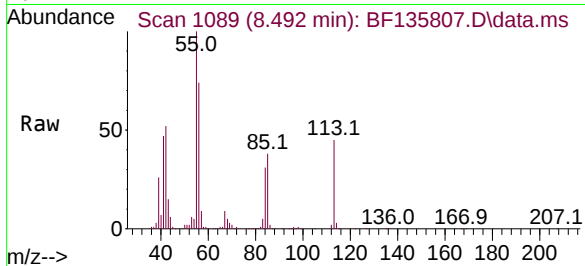




#35
 Caprolactam
 Concen: 30.345 ng
 RT: 8.492 min Scan# 1108
 Delta R.T. -0.006 min
 Lab File: BF135807.D
 Acq: 17 Oct 2023 12:29

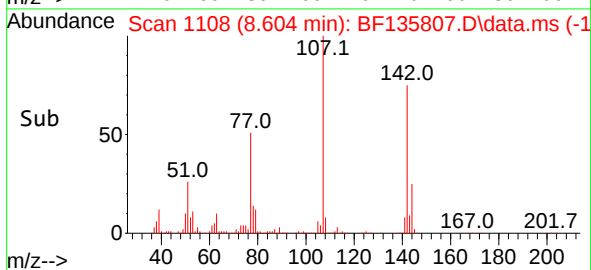
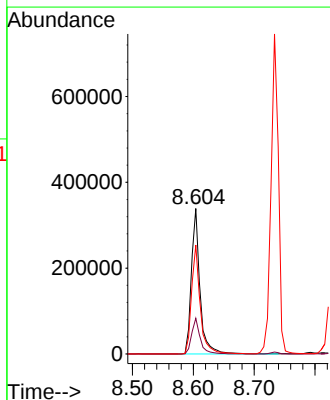
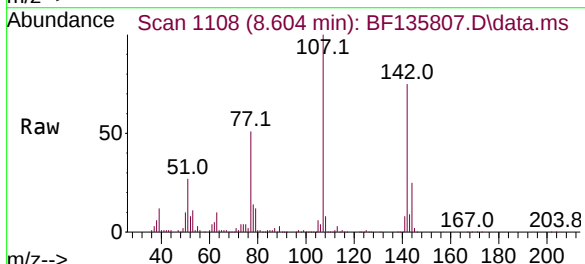
Instrument :
 BNA_F
 ClientSampleId :
 PB156372BS

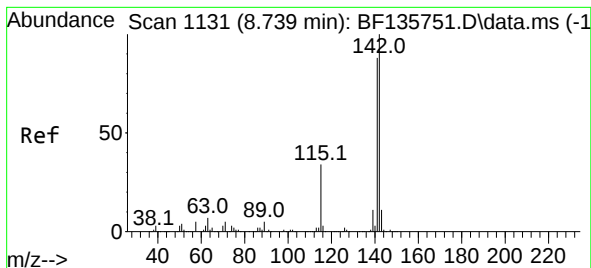
Tgt Ion:113 Resp: 70491
 Ion Ratio Lower Upper
 113 100
 55 223.5 217.4 257.4
 56 164.8 153.1 193.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.398 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.006 min
 Lab File: BF135807.D
 Acq: 17 Oct 2023 12:29

Tgt Ion:107 Resp: 334572
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.8 29.8
 142 74.9 61.3 91.9





#37

2-Methylnaphthalene

Concen: 39.689 ng

RT: 8.733 min Scan# 1131

Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

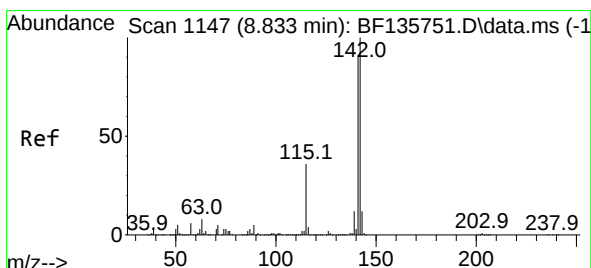
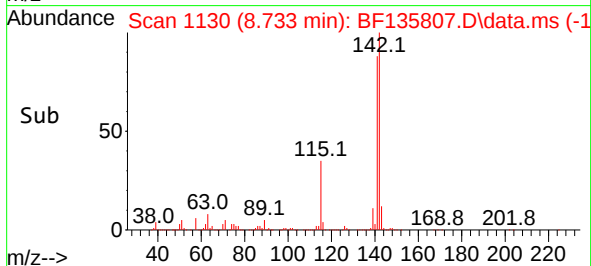
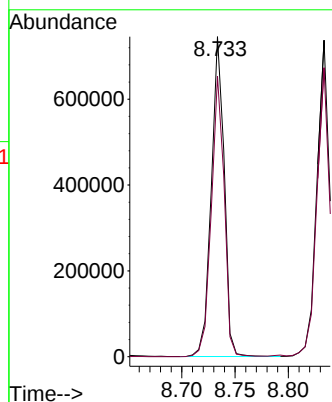
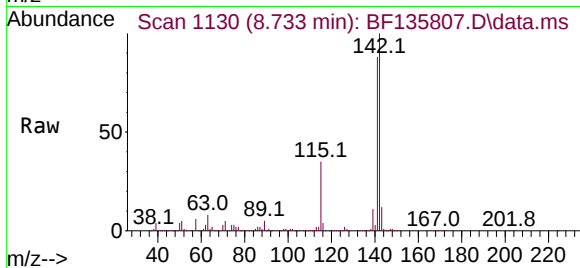
PB156372BS

Tgt Ion:142 Resp: 630855

Ion Ratio Lower Upper

142 100

141 87.7 70.6 105.8



#38

1-Methylnaphthalene

Concen: 41.550 ng

RT: 8.833 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF135807.D

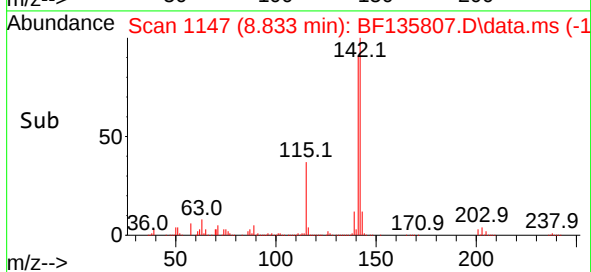
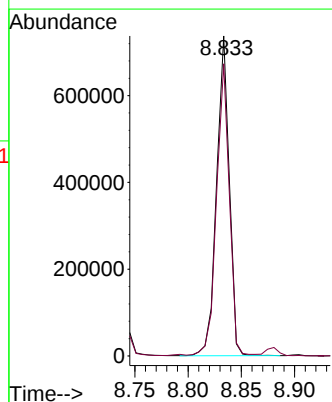
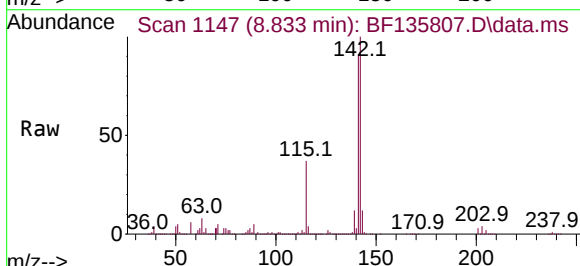
Acq: 17 Oct 2023 12:29

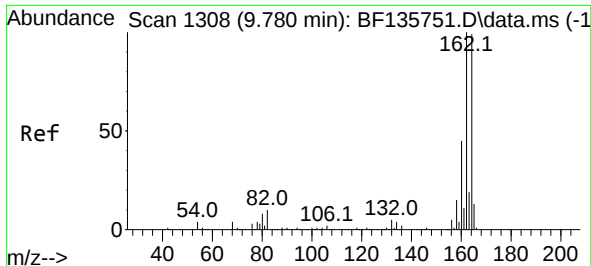
Tgt Ion:142 Resp: 609144

Ion Ratio Lower Upper

142 100

141 91.3 72.7 109.1

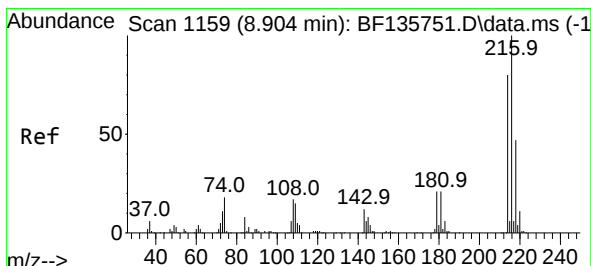
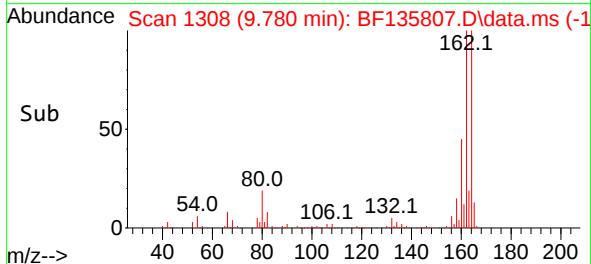
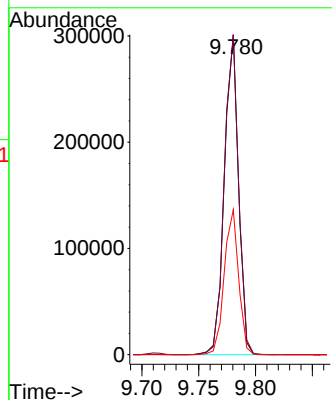
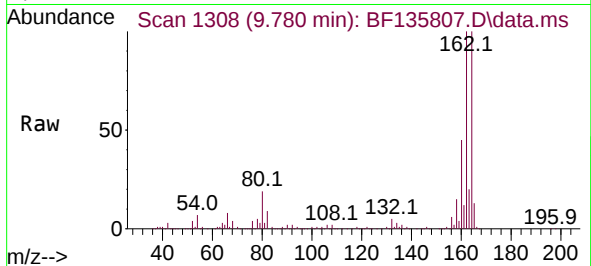




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

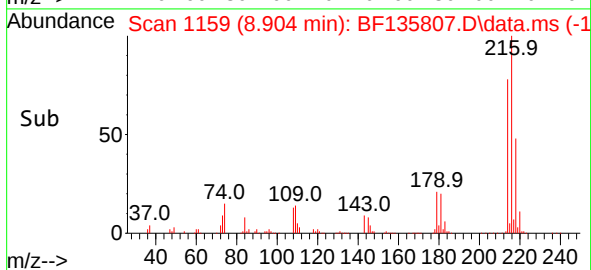
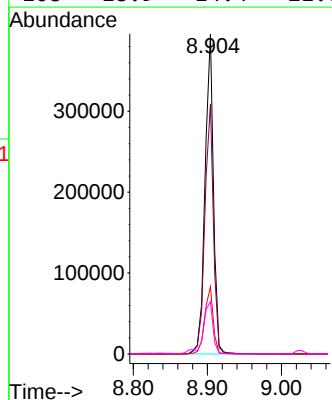
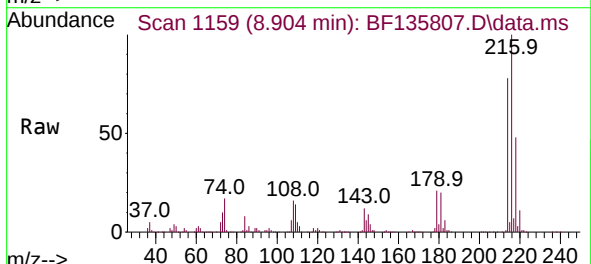
Instrument :
BNA_F
ClientSampleId :
PB156372BS

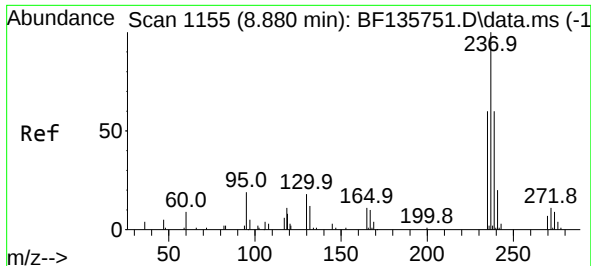
Tgt Ion:164 Resp: 260971
Ion Ratio Lower Upper
164 100
162 100.0 80.8 121.2
160 45.3 36.6 54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.476 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:216 Resp: 311361
Ion Ratio Lower Upper
216 100
214 80.1 64.0 96.0
179 21.3 16.9 25.3
108 18.9 14.4 21.6

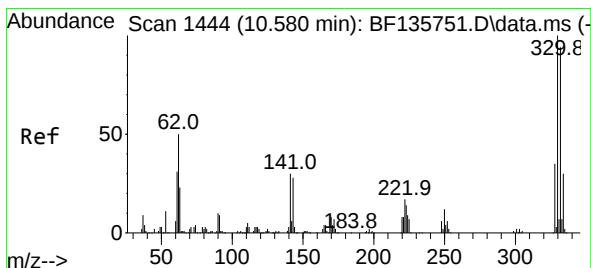
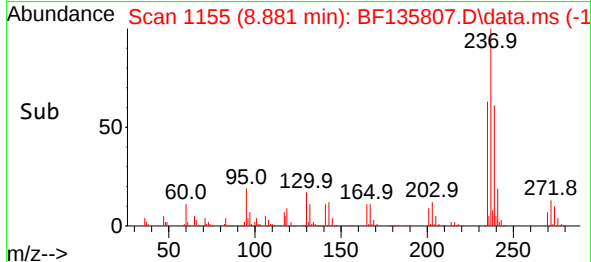
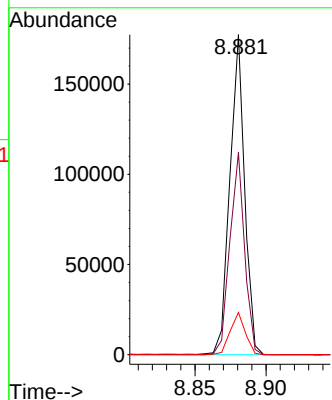
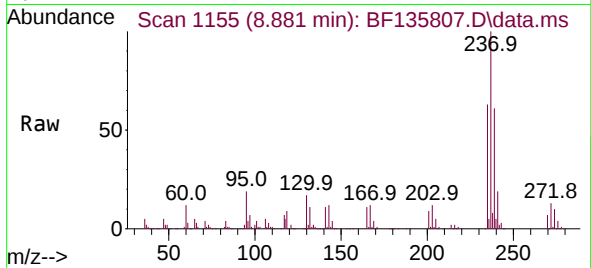




#41
Hexachlorocyclopentadiene
Concen: 81.178 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

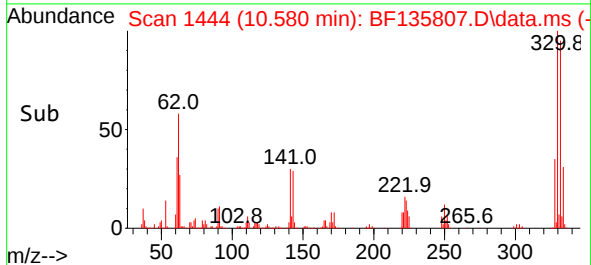
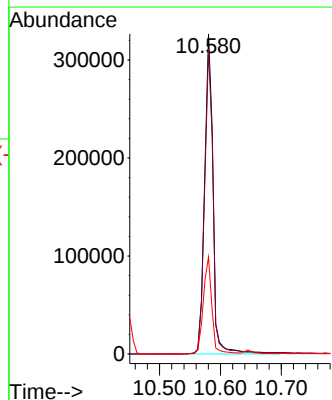
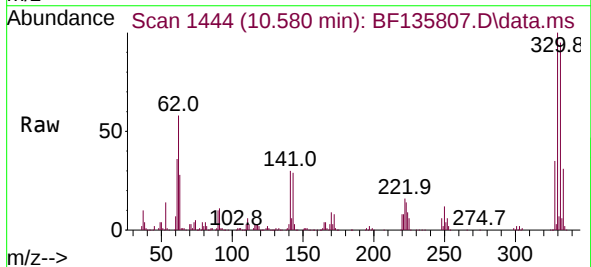
Instrument :
BNA_F
ClientSampleId :
PB156372BS

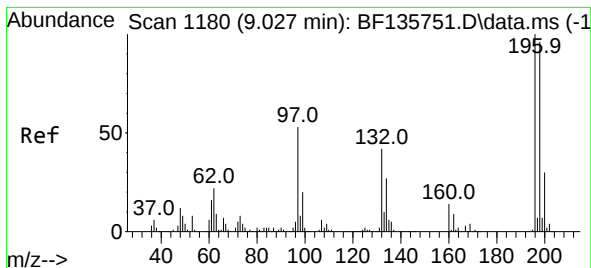
Tgt Ion:237 Resp: 127730
Ion Ratio Lower Upper
237 100
235 63.2 40.0 80.0
272 13.2 0.0 30.9



#42
2,4,6-Tribromophenol
Concen: 126.368 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:330 Resp: 316453
Ion Ratio Lower Upper
330 100
332 95.2 75.0 112.4
141 30.5 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 43.459 ng

RT: 9.028 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

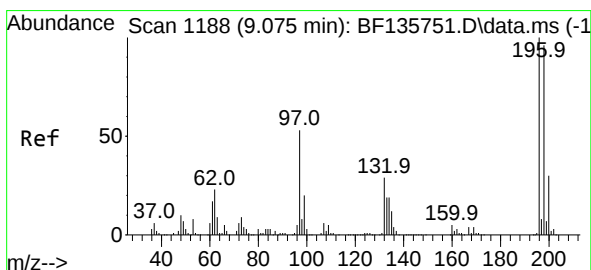
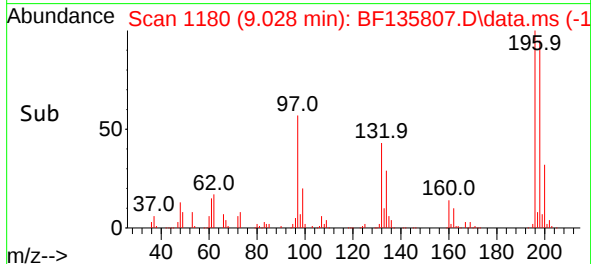
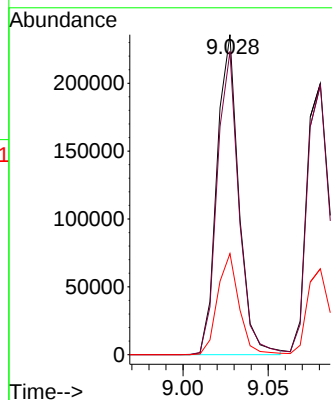
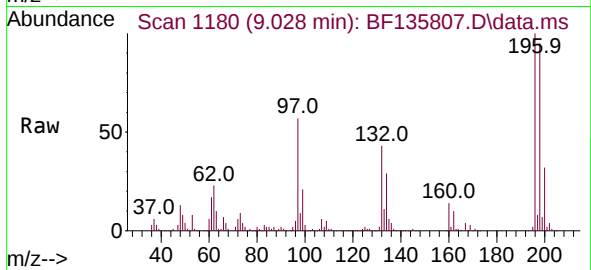
Tgt Ion:196 Resp: 210237

Ion Ratio Lower Upper

196 100

198 94.7 76.7 115.1

200 31.6 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 39.759 ng

RT: 9.081 min Scan# 1189

Delta R.T. -0.000 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Tgt Ion:196 Resp: 223707

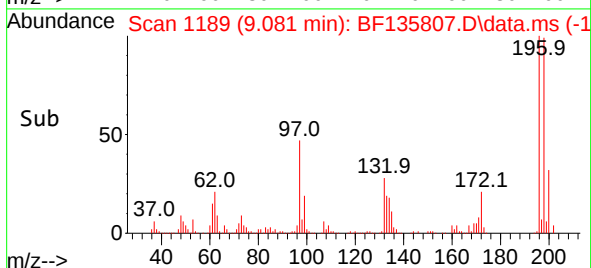
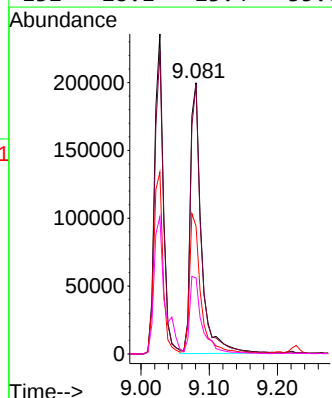
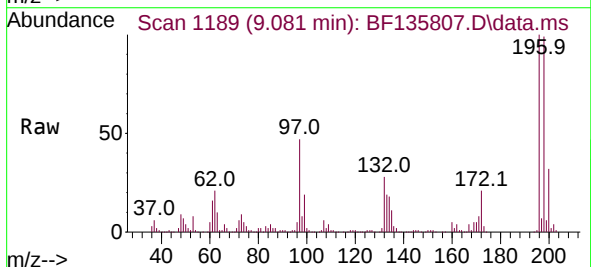
Ion Ratio Lower Upper

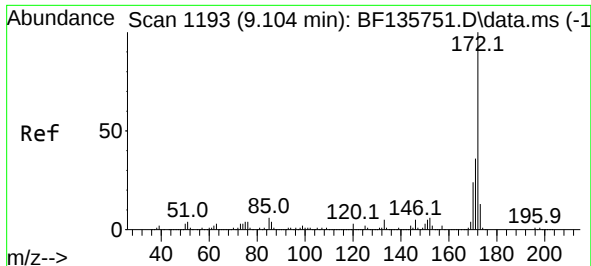
196 100

198 99.4 77.0 115.6

97 47.2 42.2 63.2

132 28.1 23.4 35.0

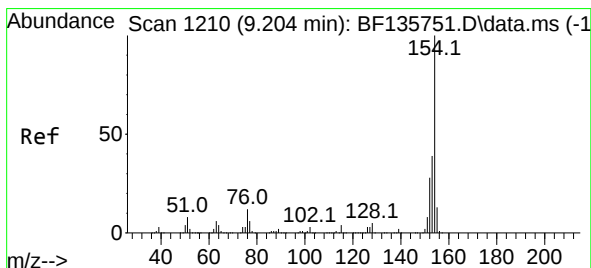
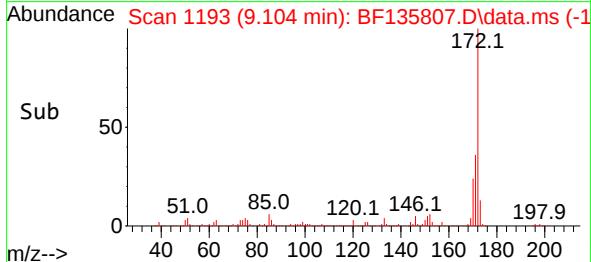
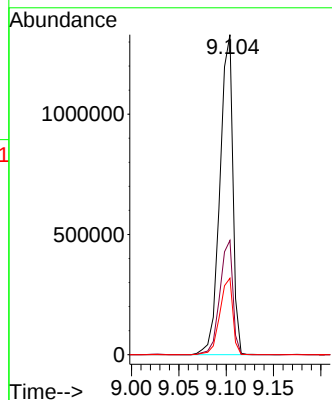
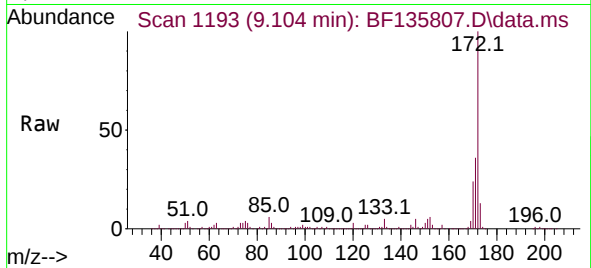




#45
2-Fluorobiphenyl
Concen: 76.226 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

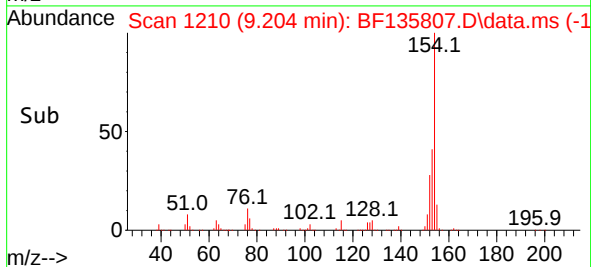
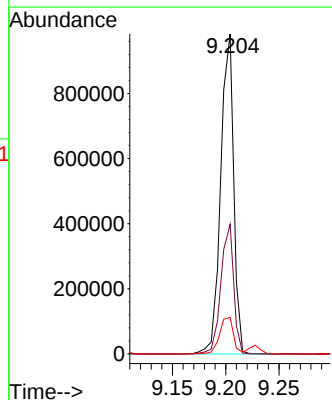
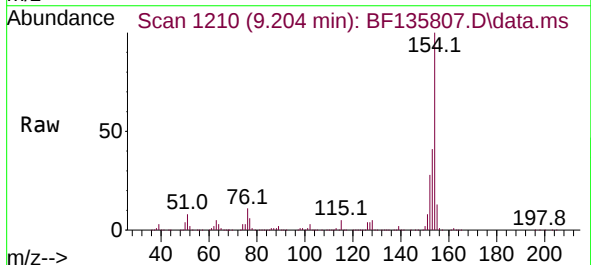
Instrument :
BNA_F
ClientSampleId :
PB156372BS

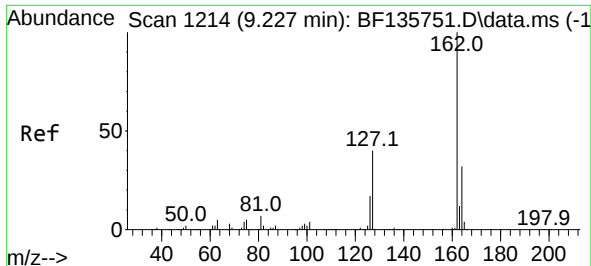
Tgt Ion:172 Resp: 1272320
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.9 18.8 28.2



#46
1,1'-Biphenyl
Concen: 41.461 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:154 Resp: 828840
Ion Ratio Lower Upper
154 100
153 40.5 19.4 59.4
76 11.5 0.0 31.7

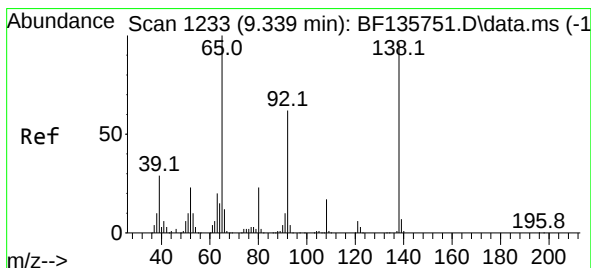
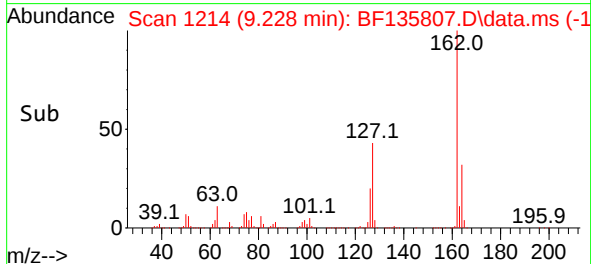
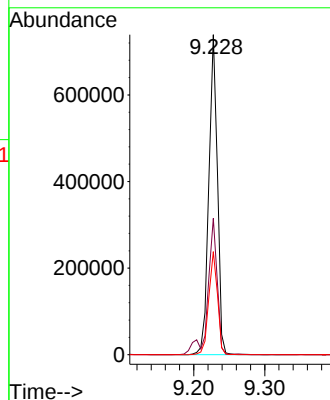
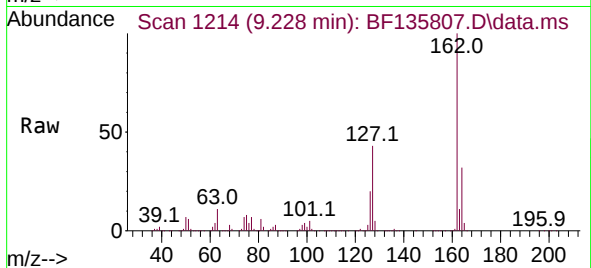




#47
2-Chloronaphthalene
Concen: 43.188 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

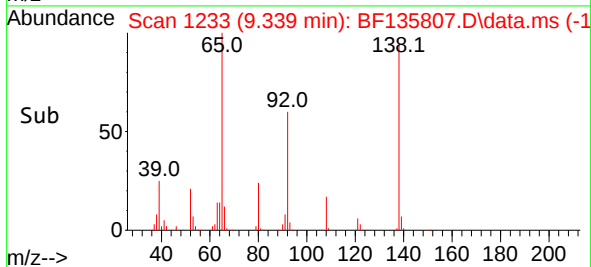
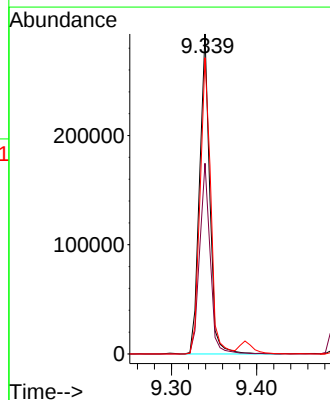
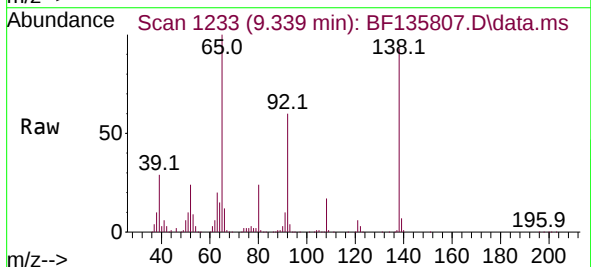
Instrument :
BNA_F
ClientSampleId :
PB156372BS

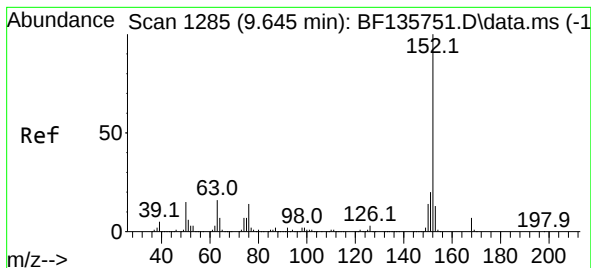
Tgt Ion:162 Resp: 622221
Ion Ratio Lower Upper
162 100
127 42.6 34.7 52.1
164 32.2 25.6 38.4



#48
2-Nitroaniline
Concen: 43.168 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion: 65 Resp: 245489
Ion Ratio Lower Upper
65 100
92 59.6 49.4 74.0
138 92.6 76.6 114.8





#49

Acenaphthylene

Concen: 41.662 ng

RT: 9.645 min Scan# 1285

Delta R.T. -0.000 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

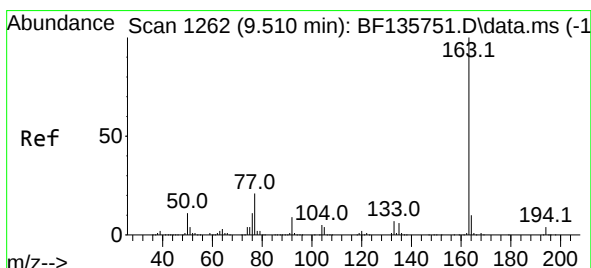
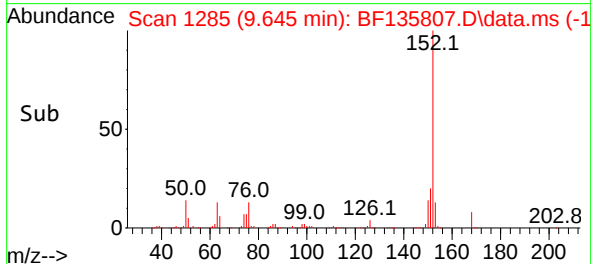
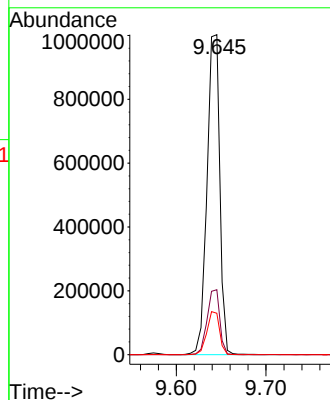
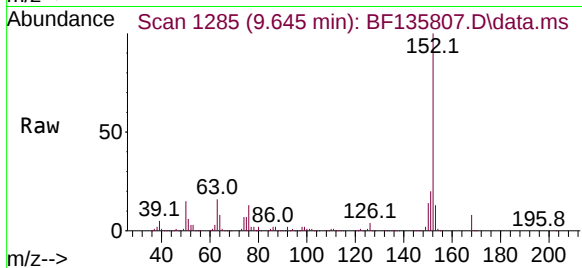
Tgt Ion:152 Resp: 993317

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 13.0 10.2 15.4



#50

Dimethylphthalate

Concen: 42.416 ng

RT: 9.510 min Scan# 1262

Delta R.T. -0.000 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

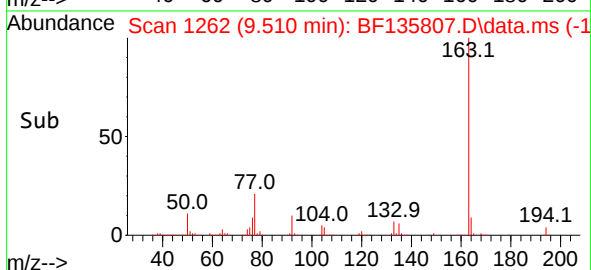
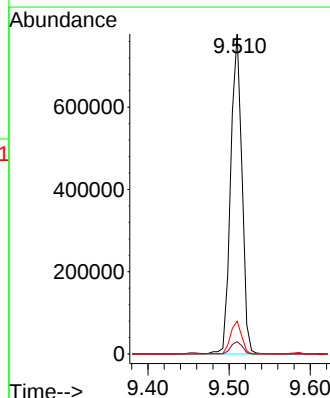
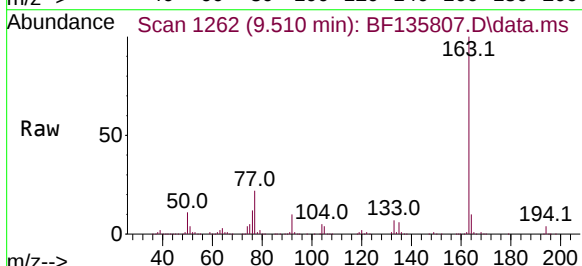
Tgt Ion:163 Resp: 747245

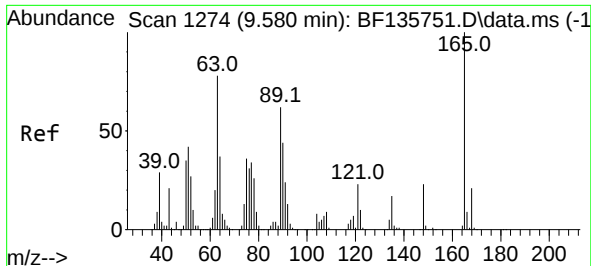
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.2 7.9 11.9

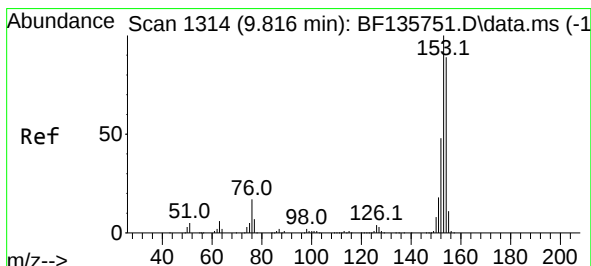
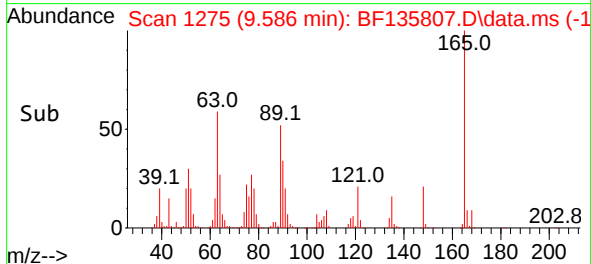
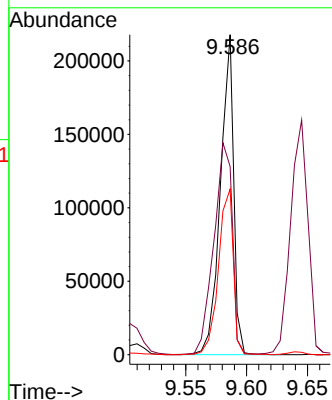
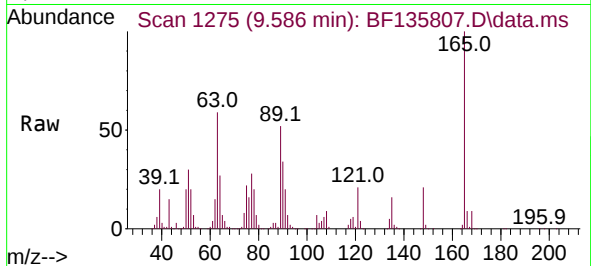




#51
2,6-Dinitrotoluene
Concen: 43.607 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

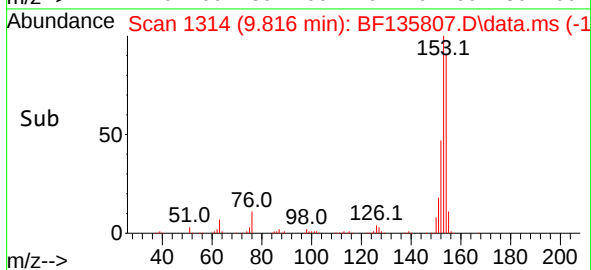
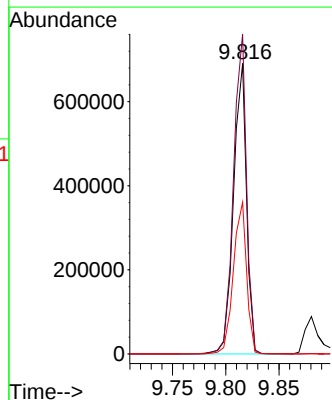
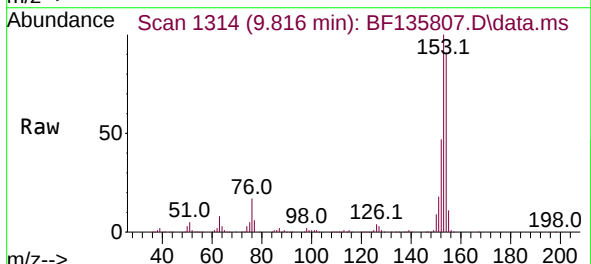
Instrument :
BNA_F
ClientSampleId :
PB156372BS

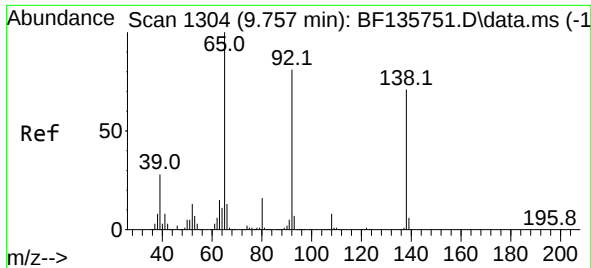
Tgt Ion:165 Resp: 165204
Ion Ratio Lower Upper
165 100
63 58.8 62.2 93.4#
89 51.8 49.6 74.4



#52
Acenaphthene
Concen: 41.196 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:154 Resp: 588722
Ion Ratio Lower Upper
154 100
153 110.2 90.1 135.1
152 52.2 43.1 64.7

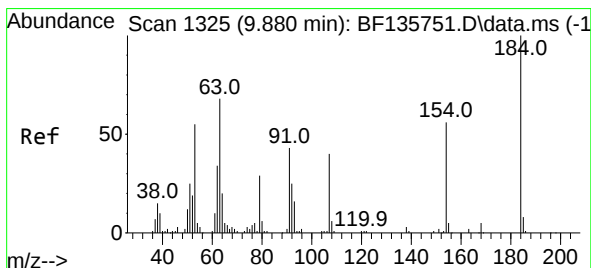
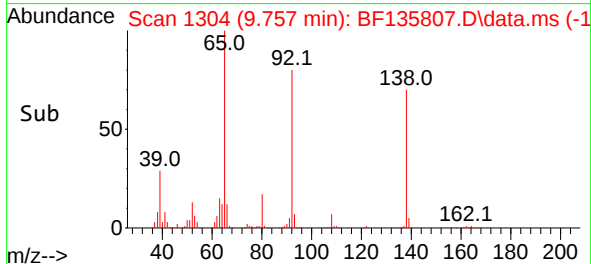
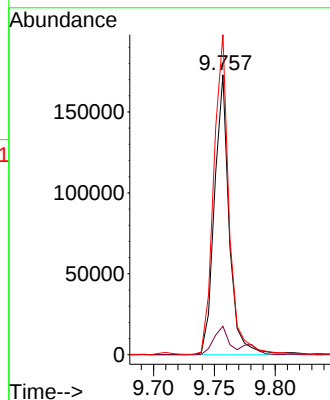
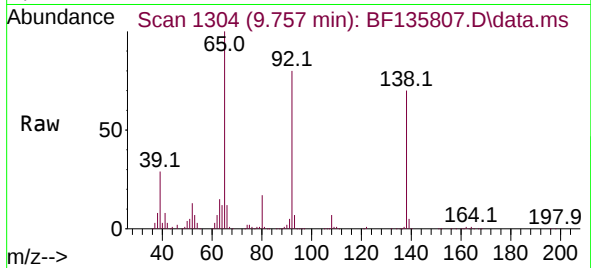




#53
3-Nitroaniline
Concen: 31.408 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

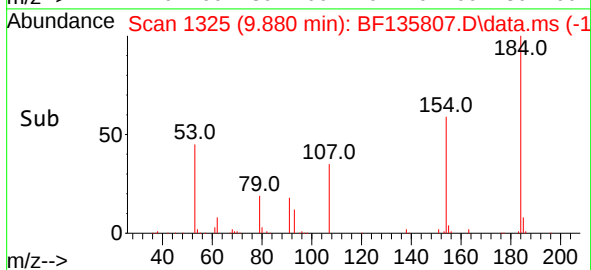
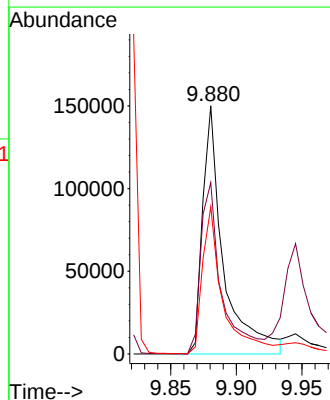
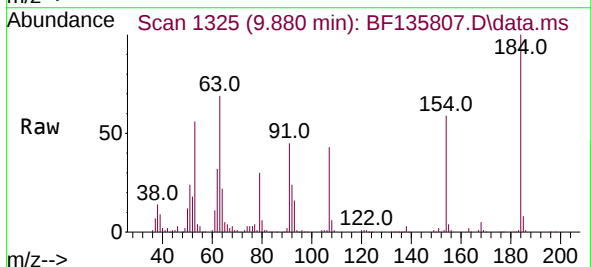
Instrument :
BNA_F
ClientSampleId :
PB156372BS

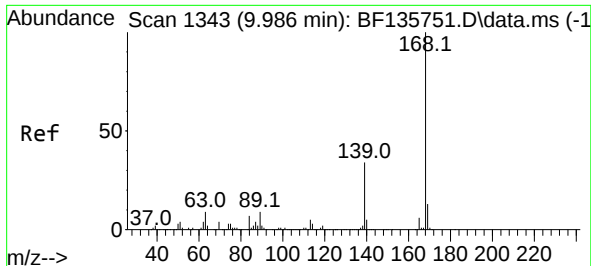
Tgt Ion:138 Resp: 145866
Ion Ratio Lower Upper
138 100
108 10.2 8.6 13.0
92 114.3 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 105.120 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:184 Resp: 166240
Ion Ratio Lower Upper
184 100
63 69.0 54.6 81.8
154 59.3 45.0 67.4

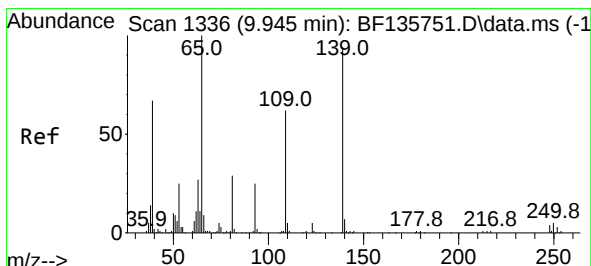
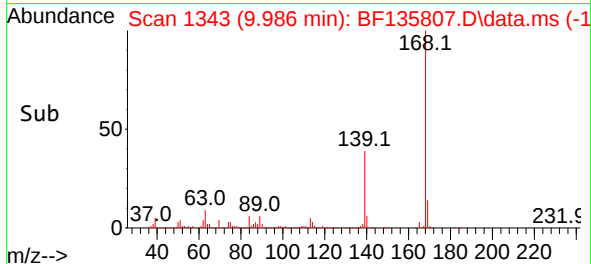
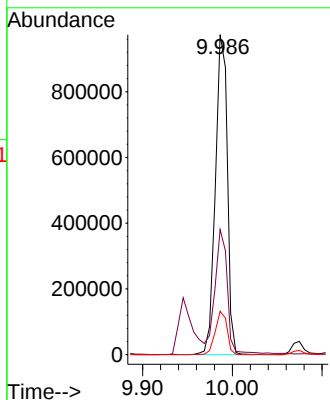
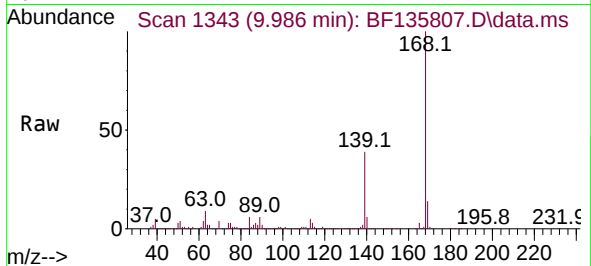




#55
Dibenzenofuran
Concen: 41.761 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

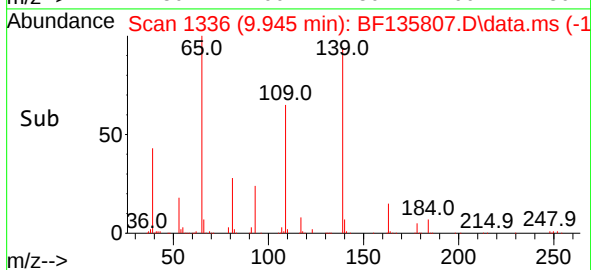
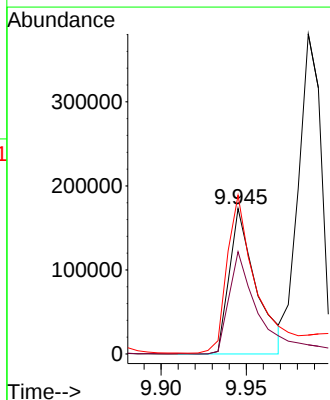
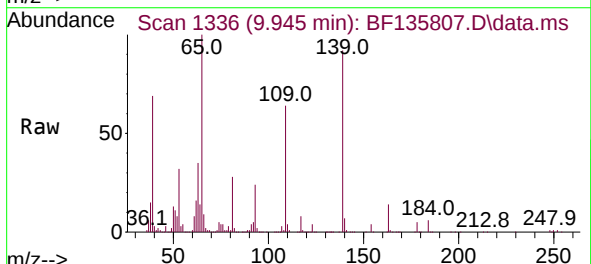
Instrument :
BNA_F
ClientSampleId :
PB156372BS

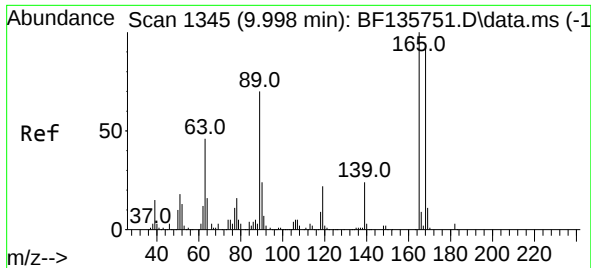
Tgt Ion:168 Resp: 900490
Ion Ratio Lower Upper
168 100
139 39.1 31.0 46.4
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 87.570 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:139 Resp: 187525
Ion Ratio Lower Upper
139 100
109 70.3 45.6 85.6
65 109.1 87.5 127.5





#57

2,4-Dinitrotoluene

Concen: 44.395 ng

RT: 9.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

Tgt Ion:165 Resp: 213972

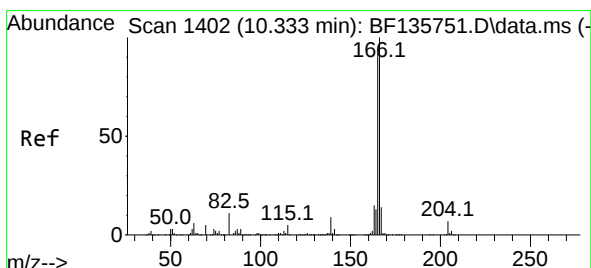
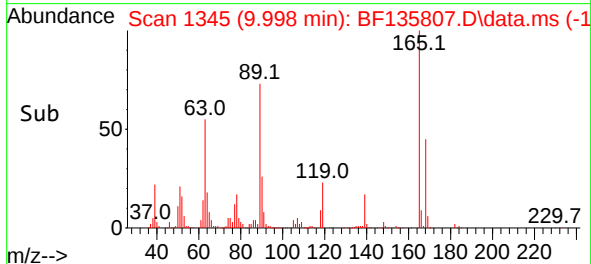
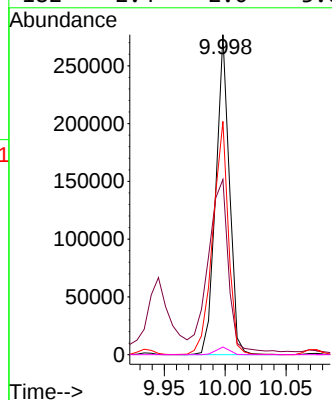
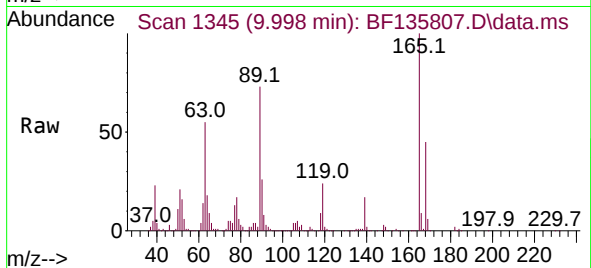
Ion Ratio Lower Upper

165 100

63 54.7 39.0 58.4

89 72.9 55.9 83.9

182 2.4 2.0 3.0



#58

Fluorene

Concen: 42.482 ng

RT: 10.333 min Scan# 1402

Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

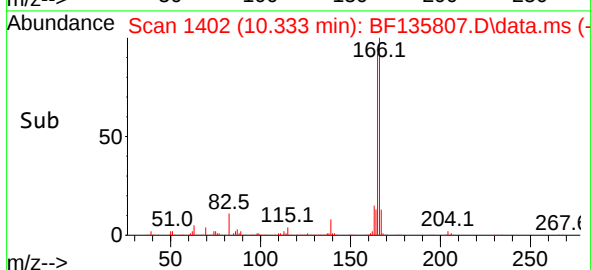
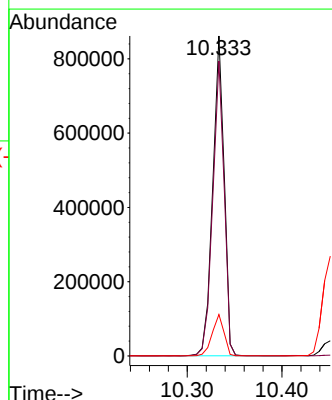
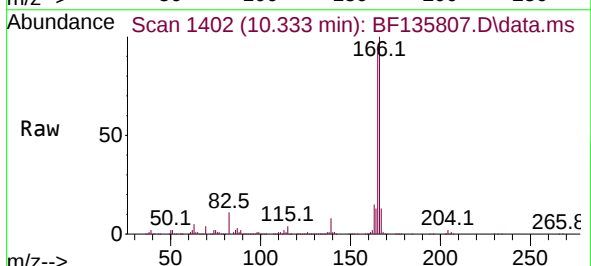
Tgt Ion:166 Resp: 717135

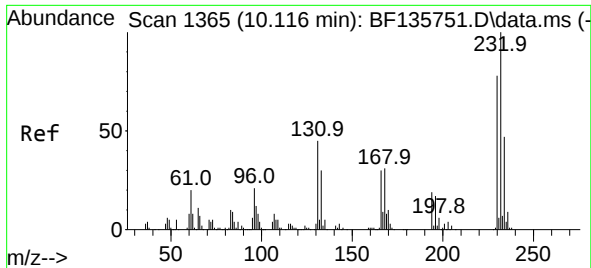
Ion Ratio Lower Upper

166 100

165 92.2 73.4 110.0

167 12.9 11.0 16.6

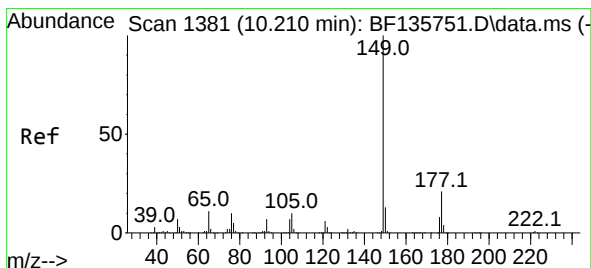
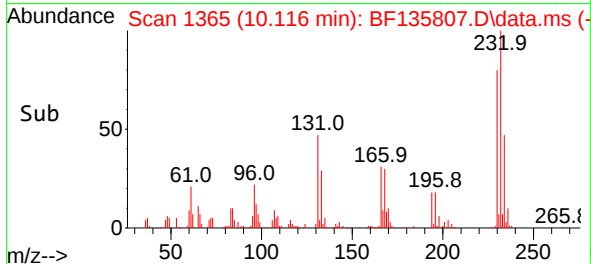
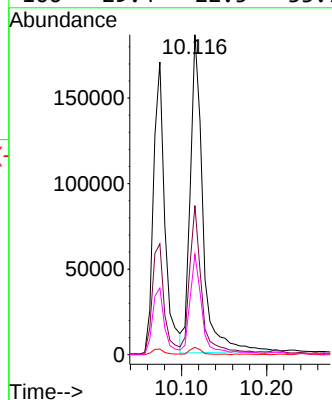
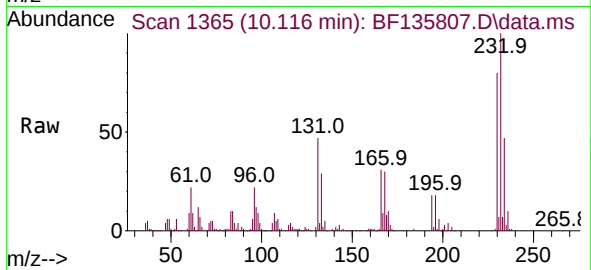




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.087 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

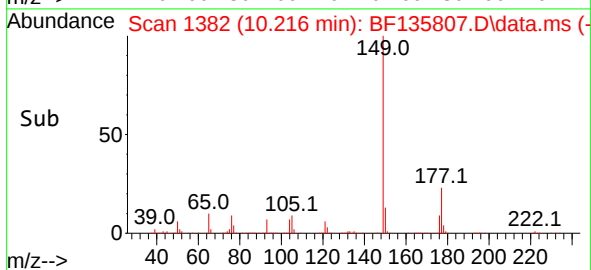
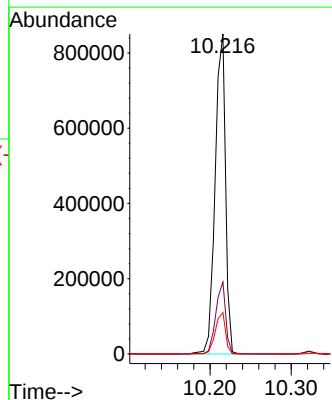
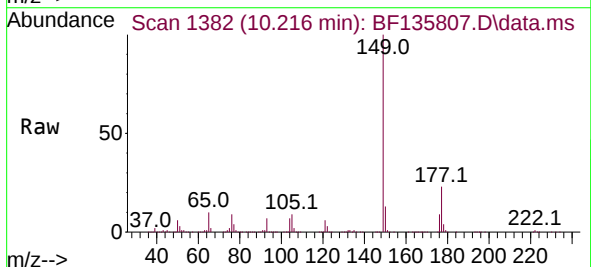
Instrument :
BNA_F
ClientSampleId :
PB156372BS

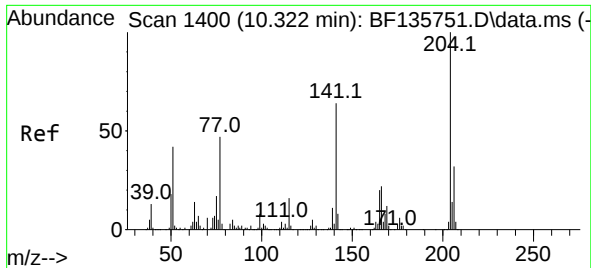
Tgt Ion:232 Resp: 191714
Ion Ratio Lower Upper
232 100
131 43.0 35.8 53.6
130 2.3 1.9 2.9
166 29.4 22.5 33.7



#60
Diethylphthalate
Concen: 41.864 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:149 Resp: 752933
Ion Ratio Lower Upper
149 100
177 22.5 16.9 25.3
150 12.9 10.2 15.2

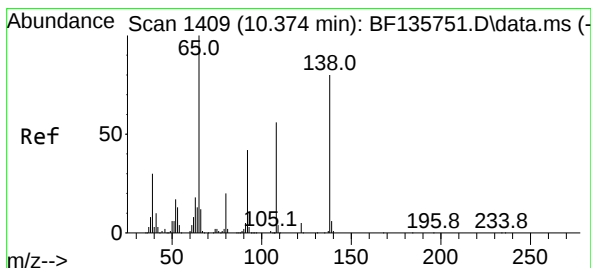
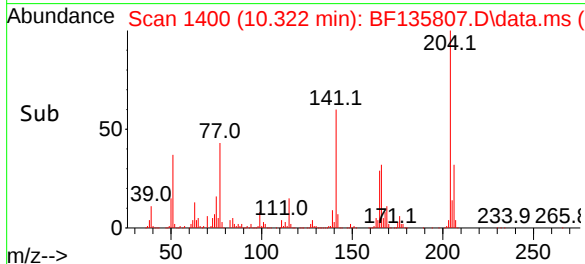
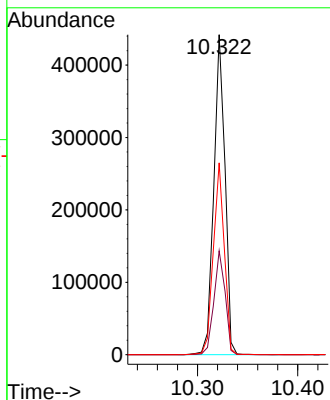
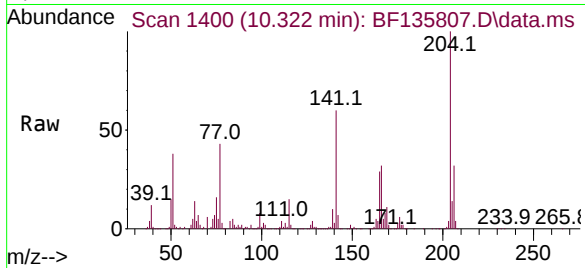




#61
4-Chlorophenyl-phenylether
Concen: 41.756 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

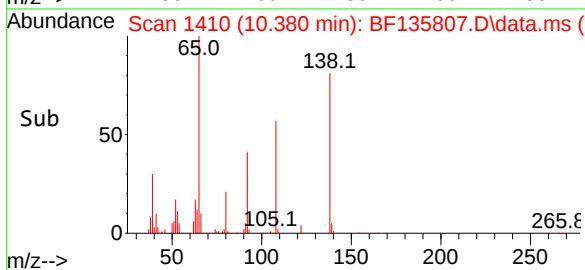
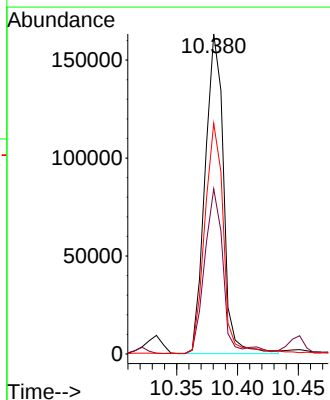
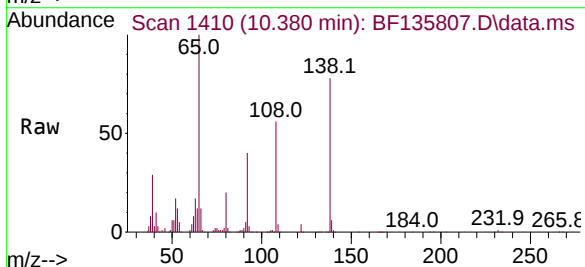
Instrument :
BNA_F
ClientSampleId :
PB156372BS

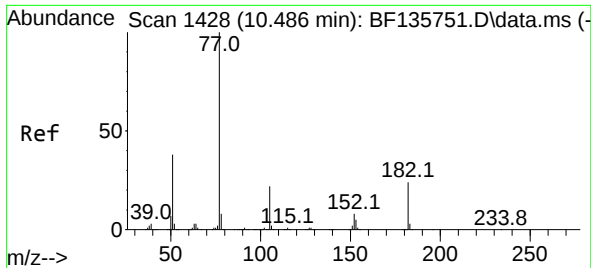
Tgt Ion:204 Resp: 340673
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 60.0 51.4 77.0



#62
4-Nitroaniline
Concen: 40.273 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:138 Resp: 172086
Ion Ratio Lower Upper
138 100
92 51.6 31.9 71.9
108 72.1 49.7 89.7

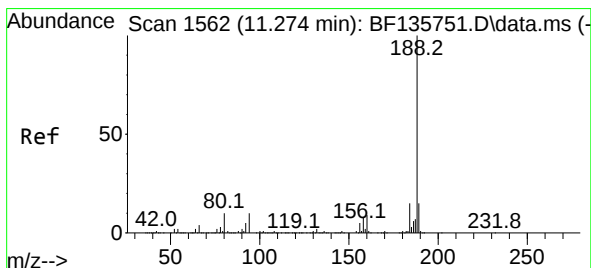
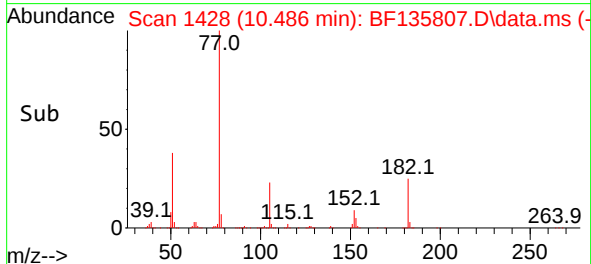
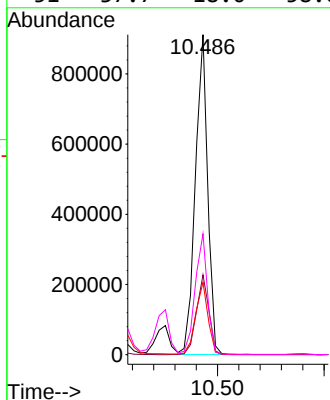
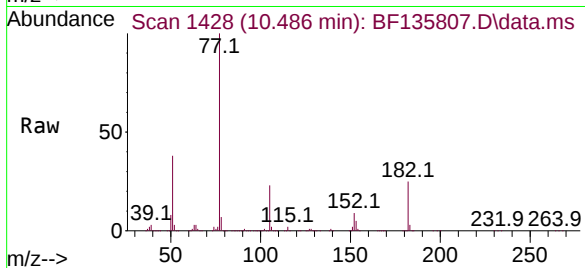




#63
Azobenzene
Concen: 42.030 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

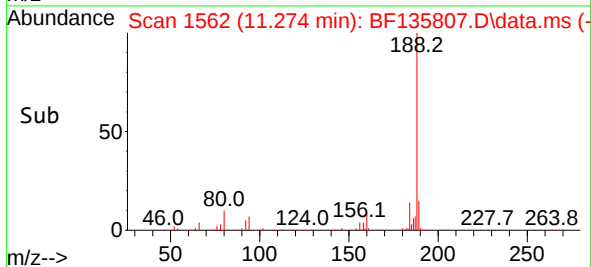
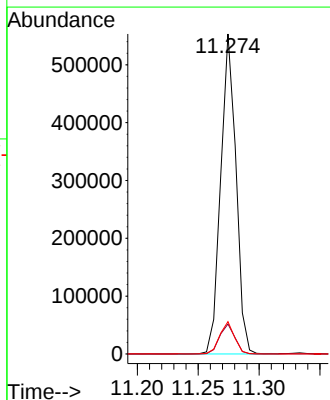
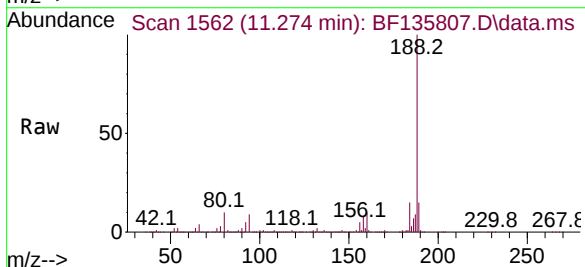
Instrument :
BNA_F
ClientSampleId :
PB156372BS

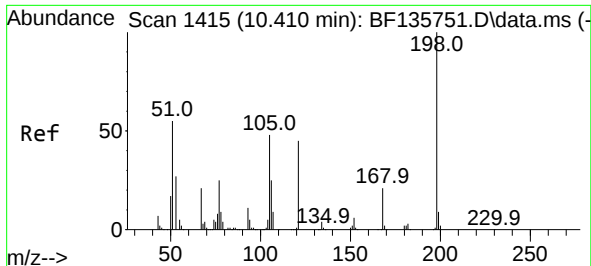
Tgt Ion: 77	Resp: 734421
Ion Ratio	Lower Upper
77 100	
182 25.0	3.5 43.5
105 22.6	2.2 42.2
51 37.7	18.0 58.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:188	Resp: 484766
Ion Ratio	Lower Upper
188 100	
94 9.3	8.0 12.0
80 10.1	8.3 12.5

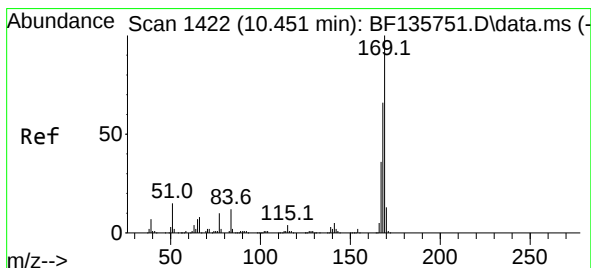
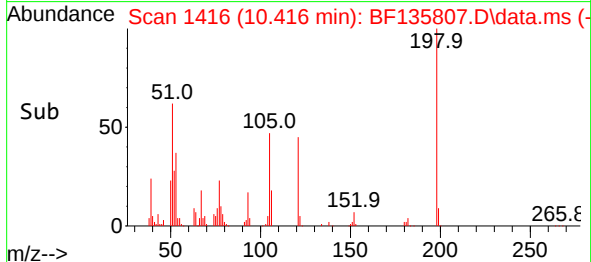
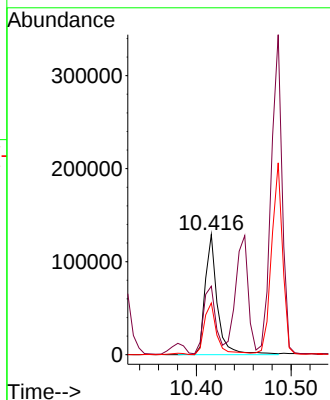
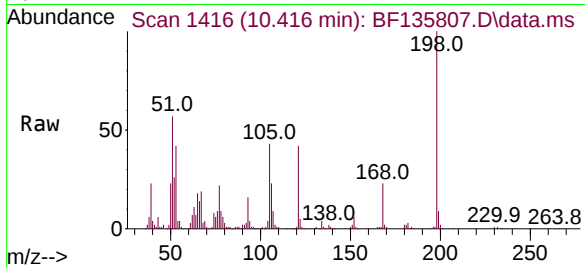




#65
4,6-Dinitro-2-methylphenol
Concen: 47.036 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

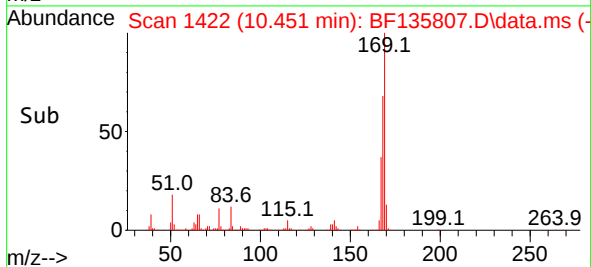
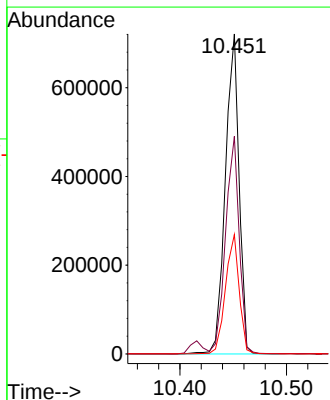
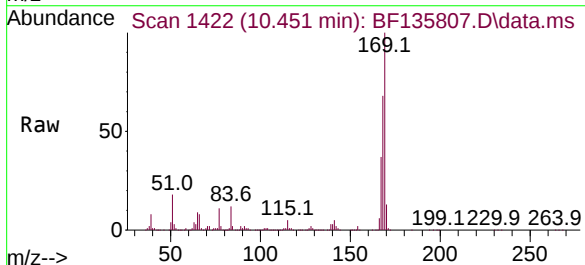
Instrument :
BNA_F
ClientSampleId :
PB156372BS

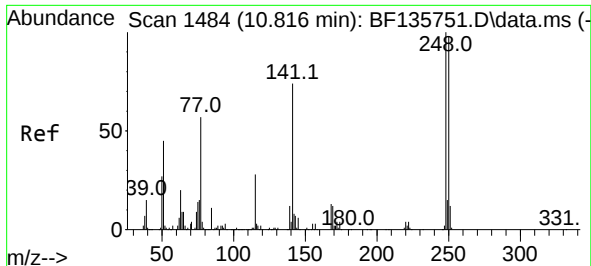
Tgt Ion:198 Resp: 114750
Ion Ratio Lower Upper
198 100
51 57.0 47.6 87.6
105 43.0 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 43.674 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:169 Resp: 645311
Ion Ratio Lower Upper
169 100
168 68.0 53.4 80.2
167 37.3 29.2 43.8

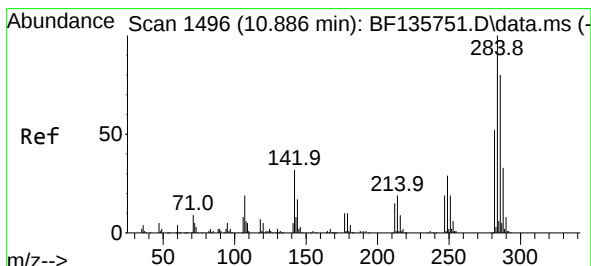
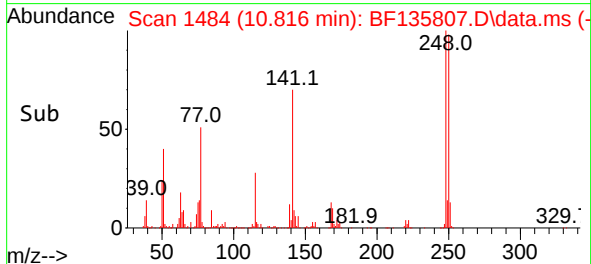
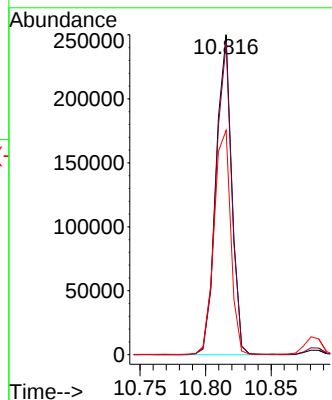
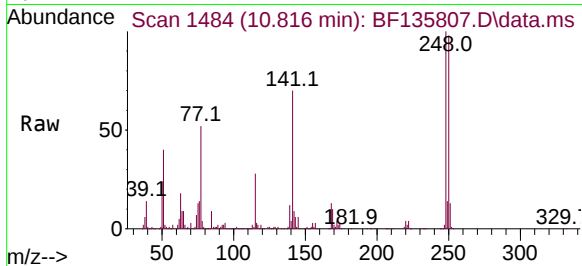




#67
4-Bromophenyl-phenylether
Concen: 42.933 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

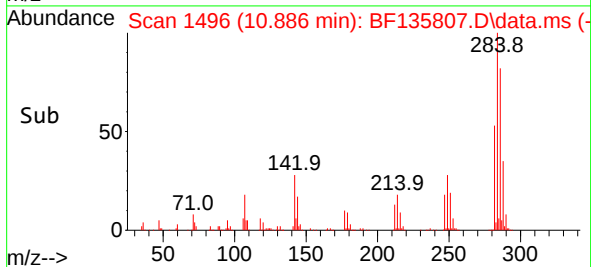
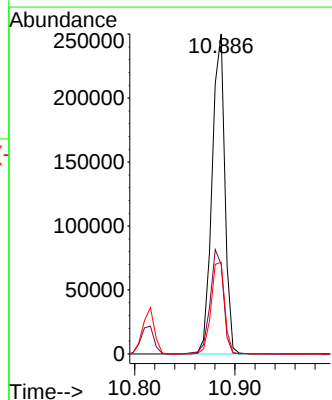
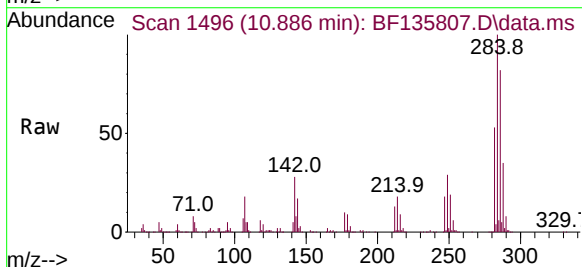
Instrument :
BNA_F
ClientSampleId :
PB156372BS

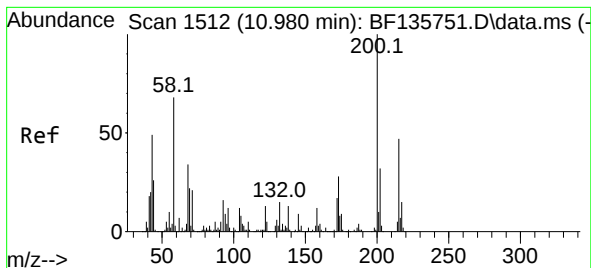
Tgt Ion:248 Resp: 208923
Ion Ratio Lower Upper
248 100
250 97.5 78.0 117.0
141 70.1 59.0 88.6



#68
Hexachlorobenzene
Concen: 44.853 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:284 Resp: 222215
Ion Ratio Lower Upper
284 100
142 28.0 25.3 37.9
249 28.6 23.5 35.3





#69

Atrazine

Concen: 48.770 ng

RT: 10.986 min Scan# 1513

Delta R.T. -0.000 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

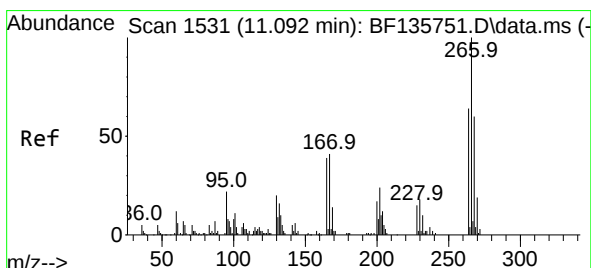
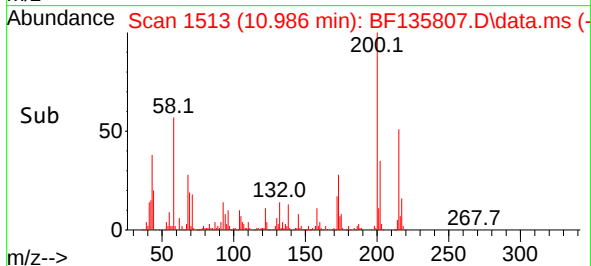
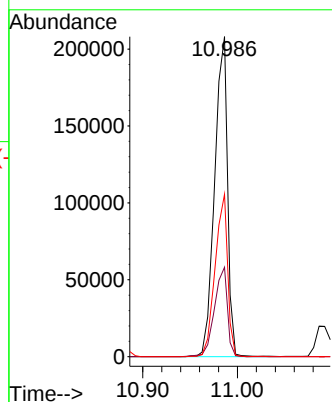
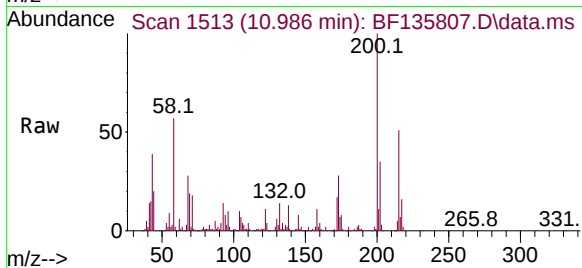
Tgt Ion:200 Resp: 196005

Ion Ratio Lower Upper

200 100

173 27.9 7.6 47.6

215 50.7 27.1 67.1



#70

Pentachlorophenol

Concen: 79.242 ng

RT: 11.092 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

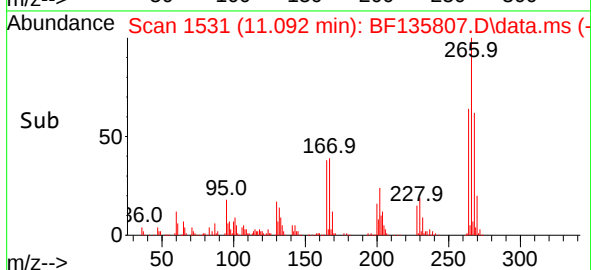
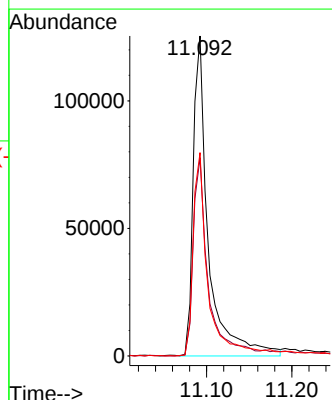
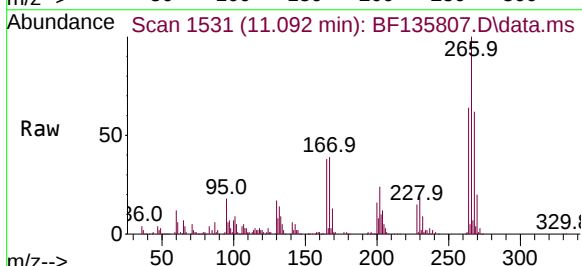
Tgt Ion:266 Resp: 154840

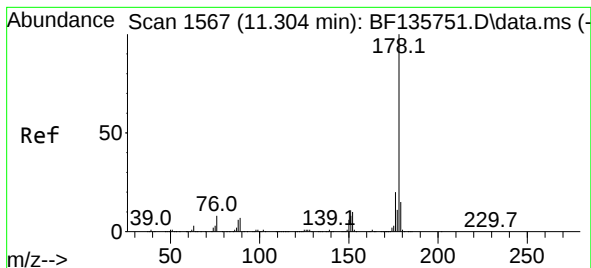
Ion Ratio Lower Upper

266 100

268 62.0 47.7 71.5

264 63.6 51.4 77.2





#71

Phenanthrene

Concen: 42.225 ng

RT: 11.304 min Scan# 1567

Delta R.T. -0.000 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

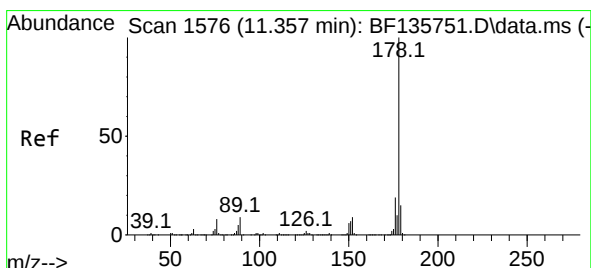
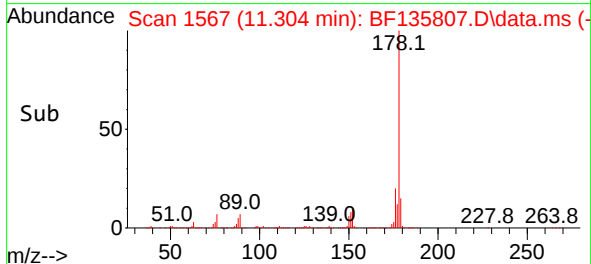
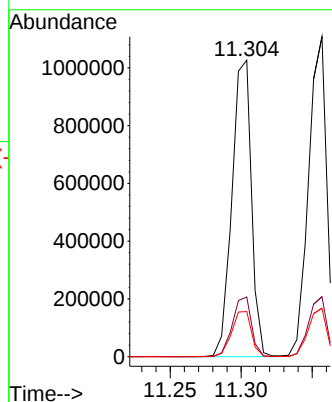
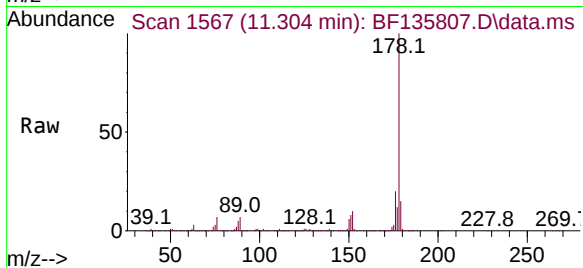
Tgt Ion:178 Resp: 980567

Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

179 15.2 12.2 18.4



#72

Anthracene

Concen: 41.273 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

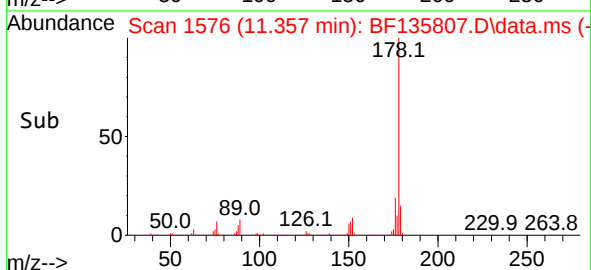
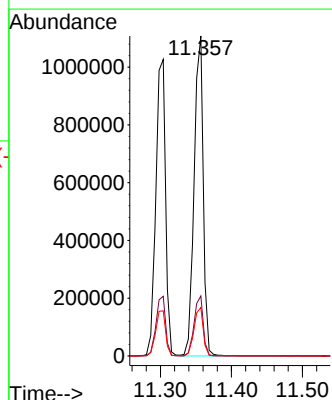
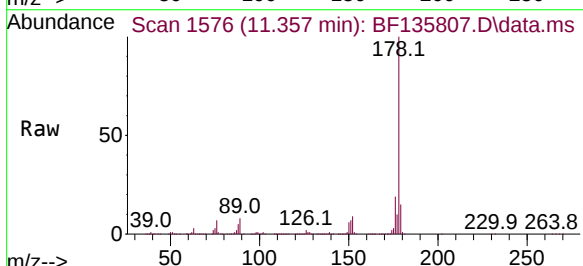
Tgt Ion:178 Resp: 993202

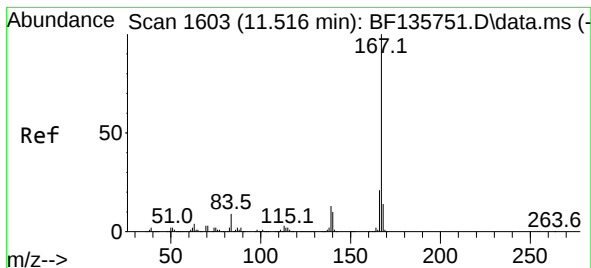
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.1 12.3 18.5





#73

Carbazole

Concen: 42.300 ng

RT: 11.516 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

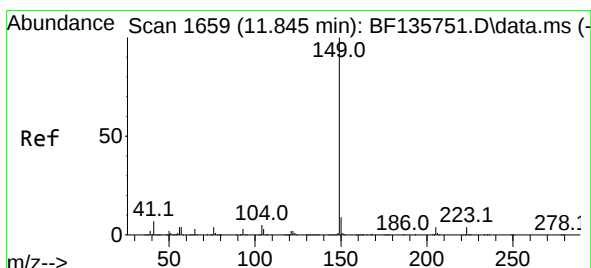
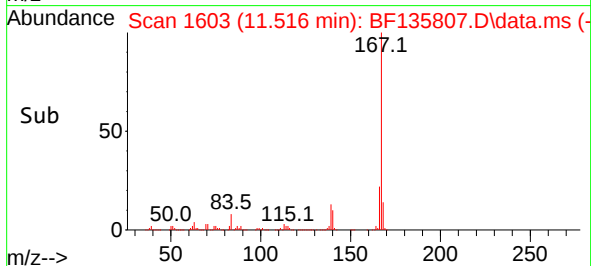
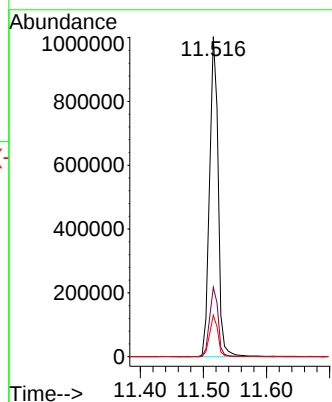
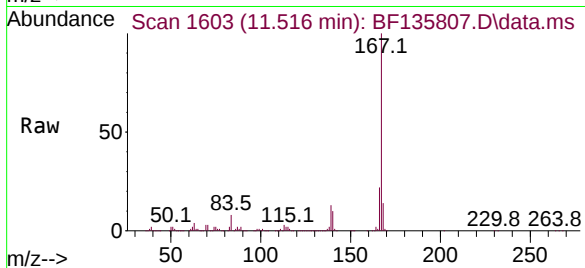
Tgt Ion:167 Resp: 949344

Ion Ratio Lower Upper

167 100

166 21.7 17.1 25.7

139 12.9 10.2 15.4



#74

Di-n-butylphthalate

Concen: 42.740 ng

RT: 11.839 min Scan# 1658

Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

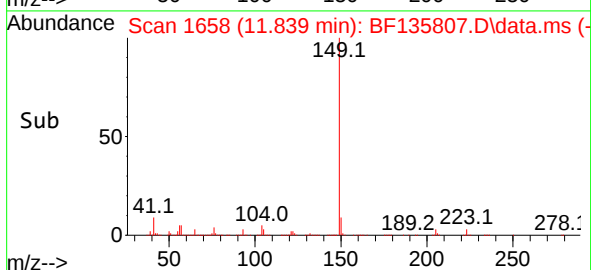
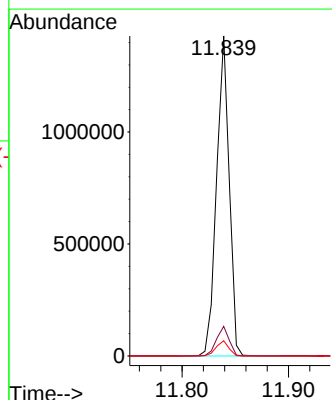
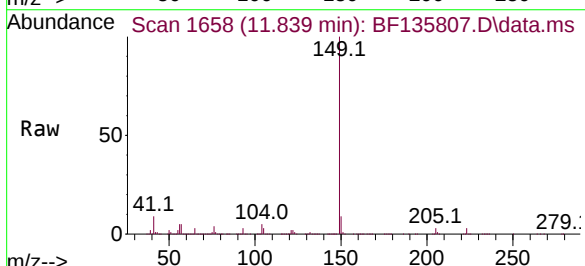
Tgt Ion:149 Resp: 1177686

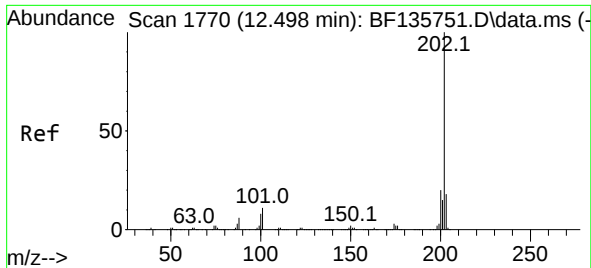
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.8 3.7 5.5

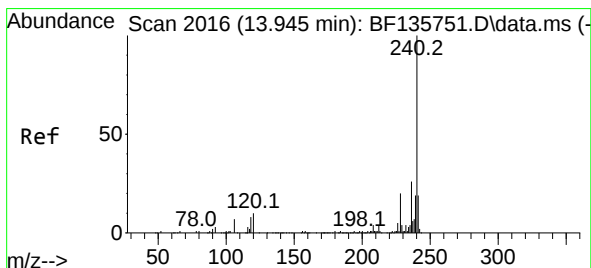
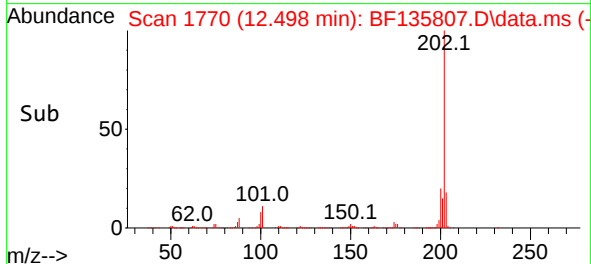
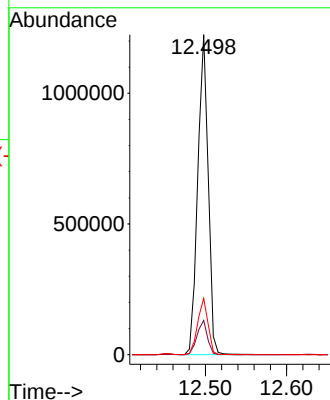
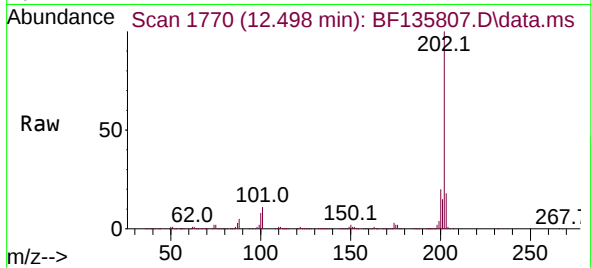




#75
Fluoranthene
Concen: 42.525 ng
RT: 12.498 min Scan# 1770
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

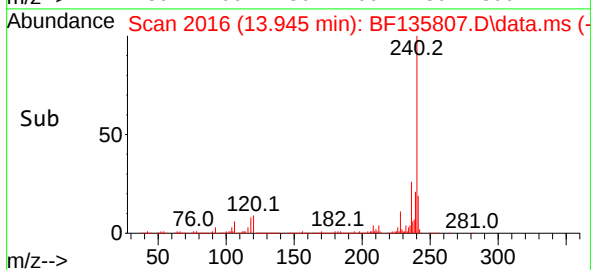
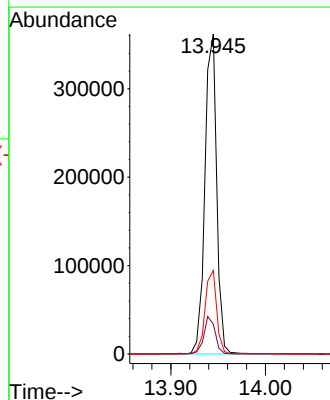
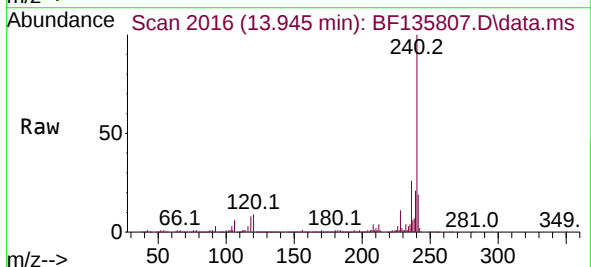
Instrument :
BNA_F
ClientSampleId :
PB156372BS

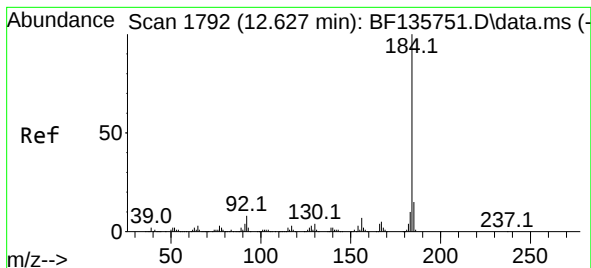
Tgt Ion:202 Resp: 1096051
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.5
203 17.6 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:240 Resp: 312801
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.2
236 26.1 21.2 31.8





#77

Benzidine

Concen: 36.113 ng

RT: 12.627 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

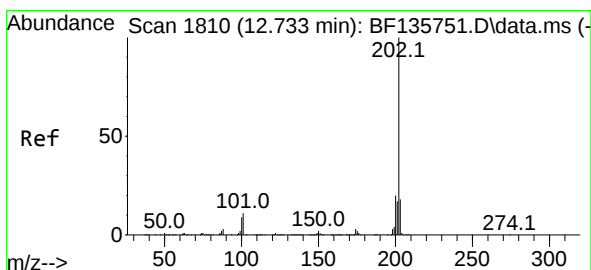
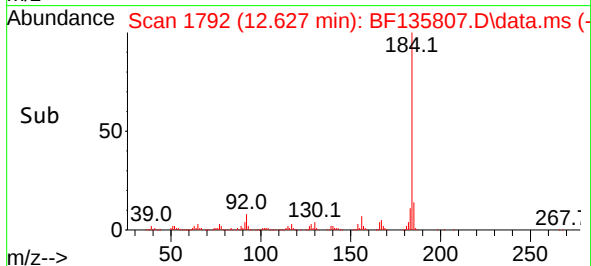
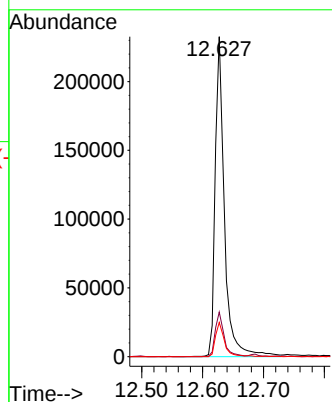
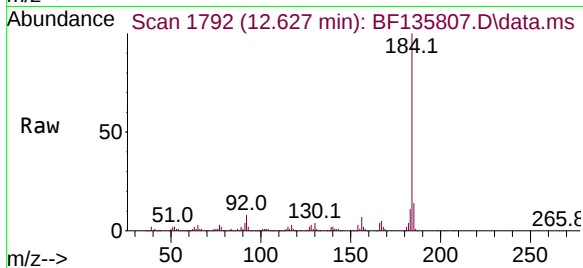
Tgt Ion:184 Resp: 246493

Ion Ratio Lower Upper

184 100

185 14.0 12.0 18.0

183 10.7 8.2 12.2



#78

Pyrene

Concen: 44.527 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

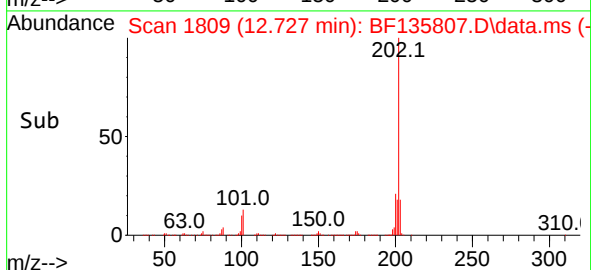
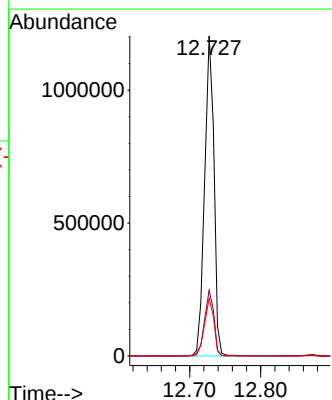
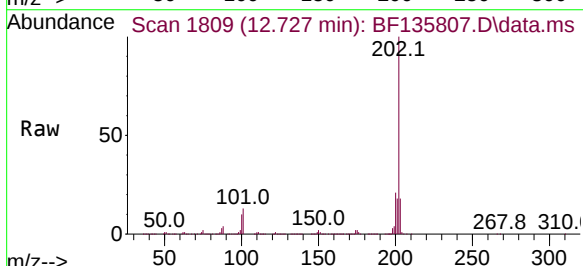
Tgt Ion:202 Resp: 1106801

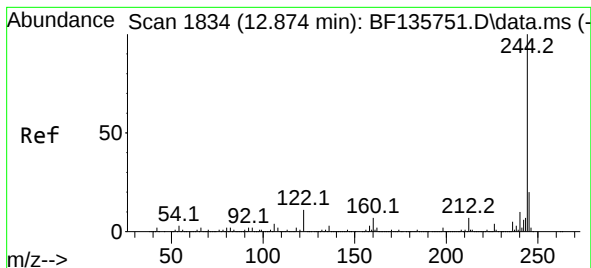
Ion Ratio Lower Upper

202 100

200 20.6 16.1 24.1

203 17.9 14.2 21.2





#79

Terphenyl-d14

Concen: 84.980 ng

RT: 12.874 min Scan# 1834

Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

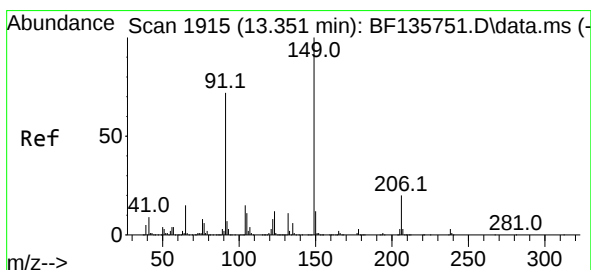
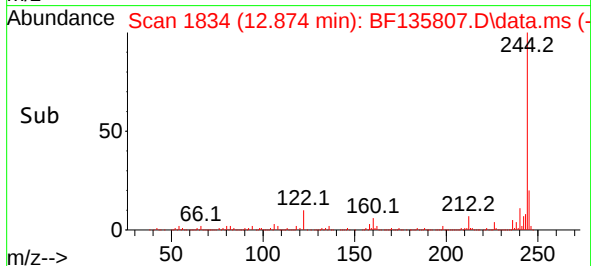
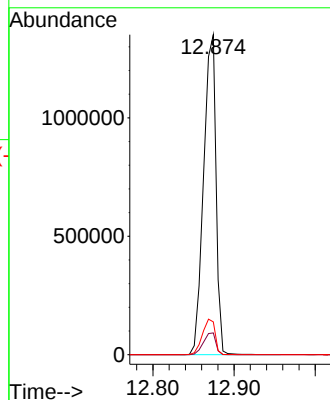
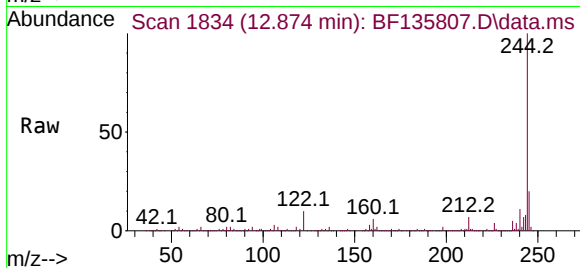
Tgt Ion:244 Resp: 1435381

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.2 9.0 13.6



#80

Butylbenzylphthalate

Concen: 46.022 ng

RT: 13.351 min Scan# 1915

Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

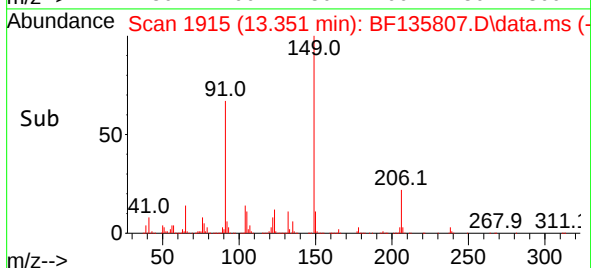
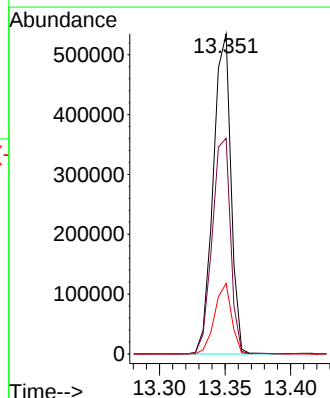
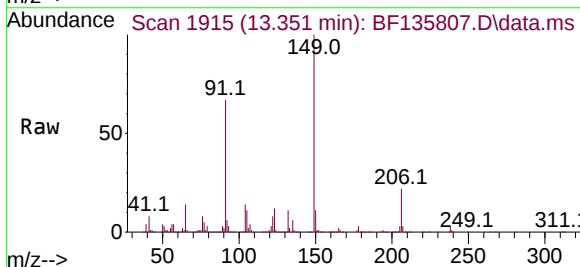
Tgt Ion:149 Resp: 502697

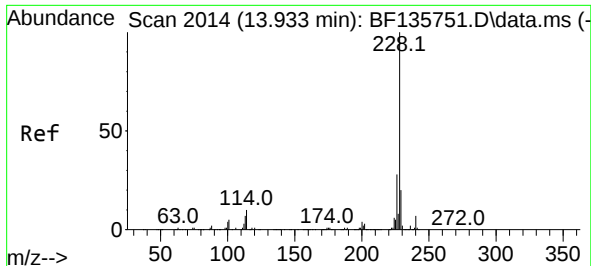
Ion Ratio Lower Upper

149 100

91 67.4 57.4 86.0

206 22.1 16.2 24.4

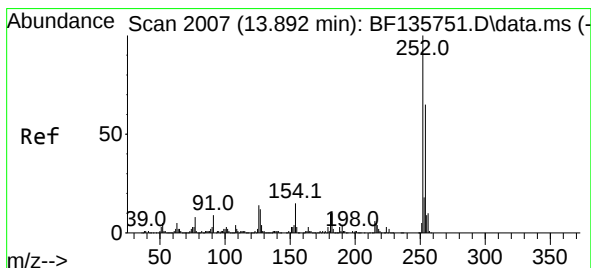
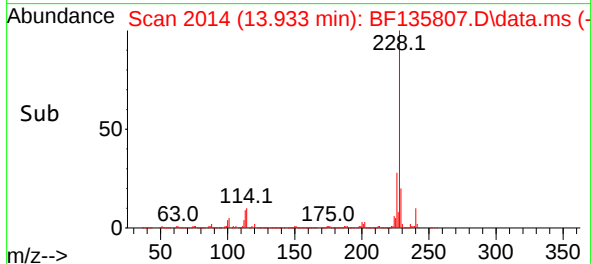
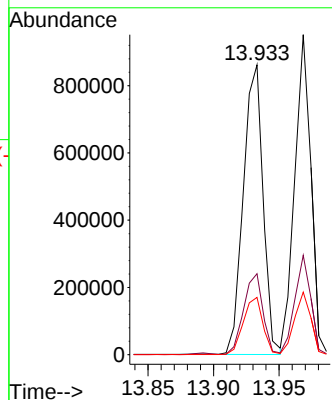
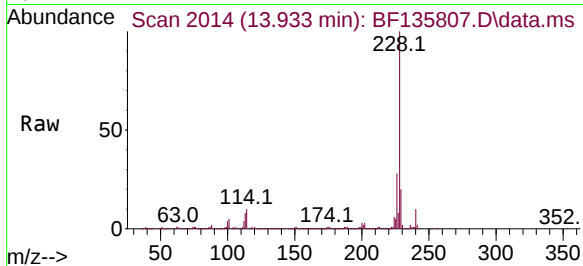




#81
Benzo(a)anthracene
Concen: 43.960 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

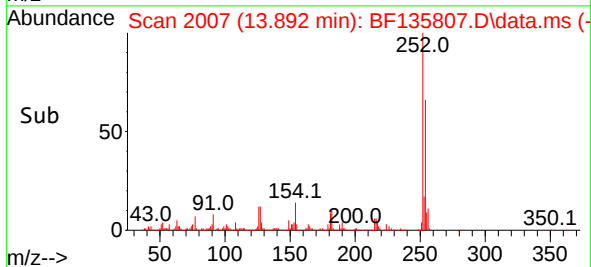
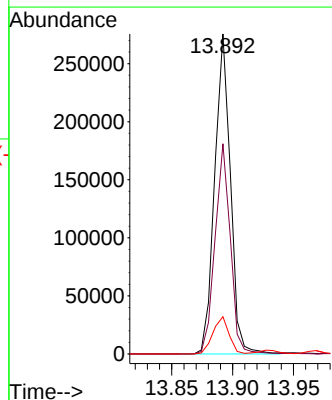
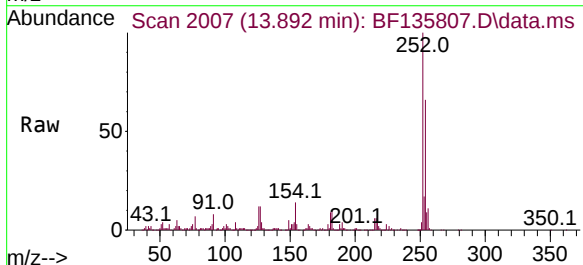
Instrument :
BNA_F
ClientSampleId :
PB156372BS

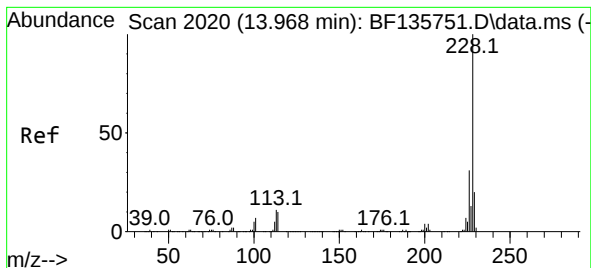
Tgt Ion:228 Resp: 903198
Ion Ratio Lower Upper
228 100
226 27.9 22.2 33.2
229 19.8 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 36.313 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:252 Resp: 247439
Ion Ratio Lower Upper
252 100
254 65.7 51.8 77.6
126 11.7 11.0 16.4





#83

Chrysene

Concen: 41.308 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

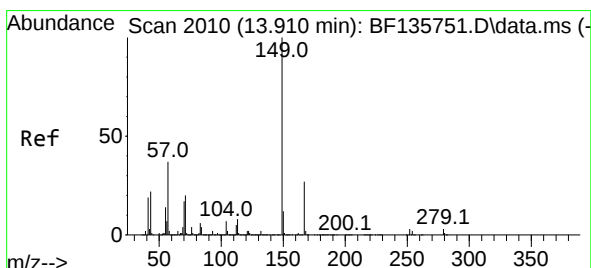
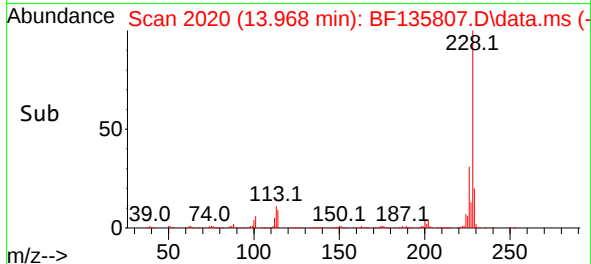
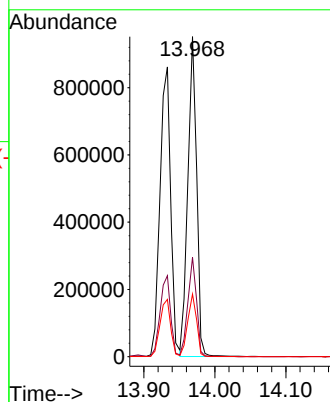
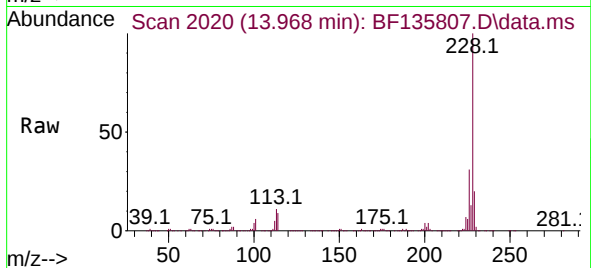
Tgt Ion:228 Resp: 822049

Ion Ratio Lower Upper

228 100

226 31.0 24.4 36.6

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.064 ng

RT: 13.910 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

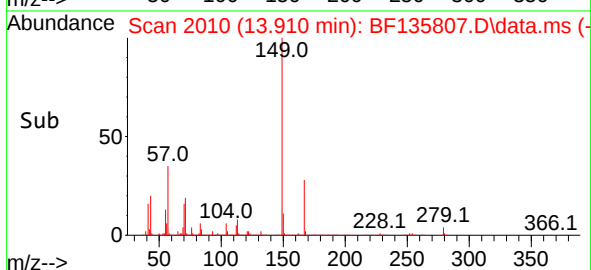
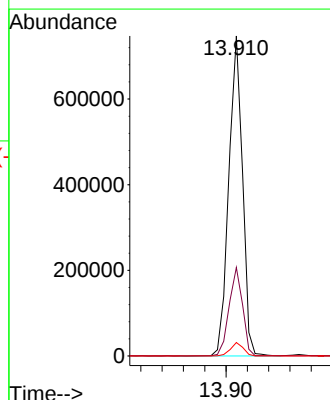
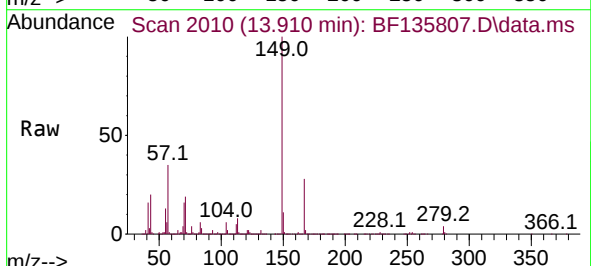
Tgt Ion:149 Resp: 667134

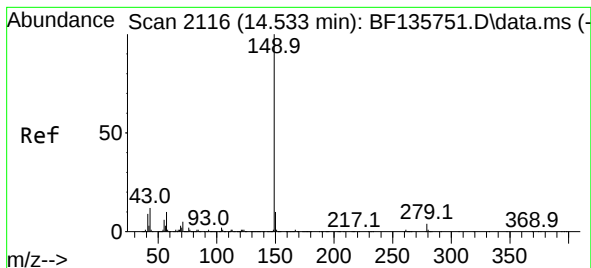
Ion Ratio Lower Upper

149 100

167 27.7 21.3 31.9

279 4.2 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 43.197 ng

RT: 14.527 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

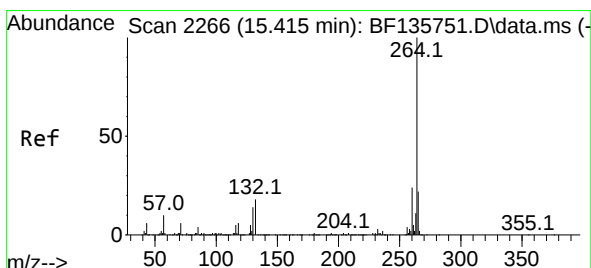
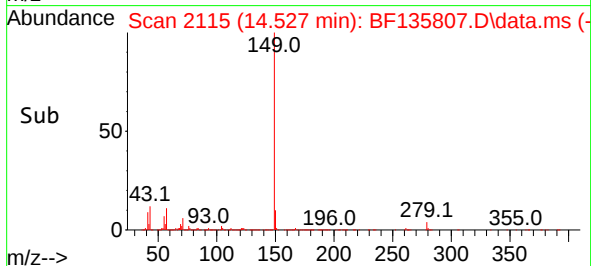
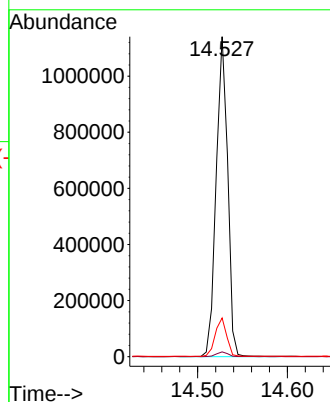
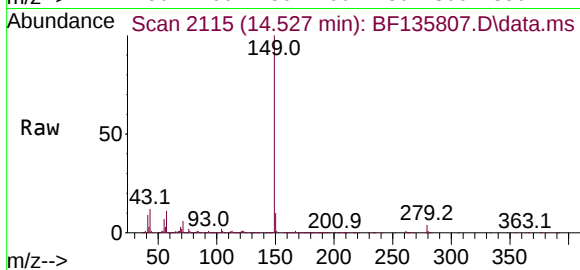
Tgt Ion:149 Resp: 1014073

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.8 10.1 15.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

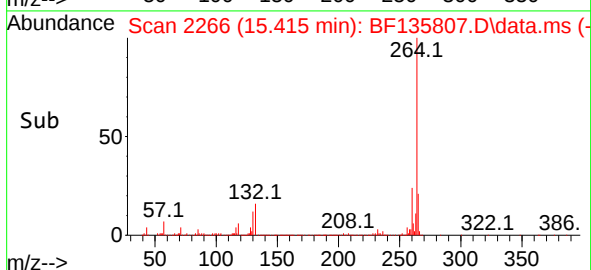
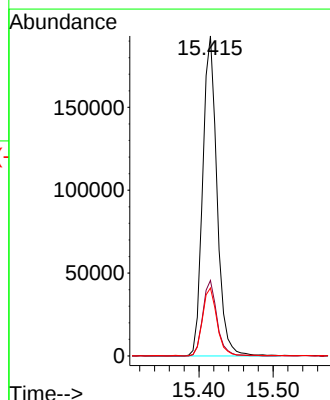
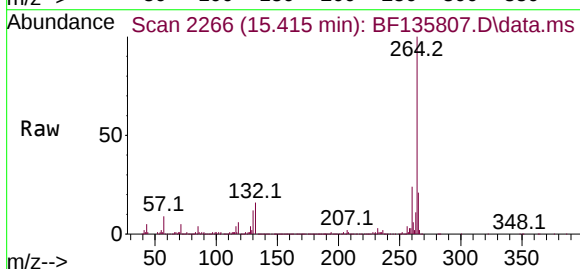
Tgt Ion:264 Resp: 258668

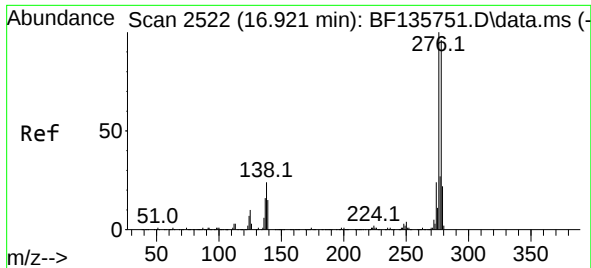
Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.3 17.4 26.2

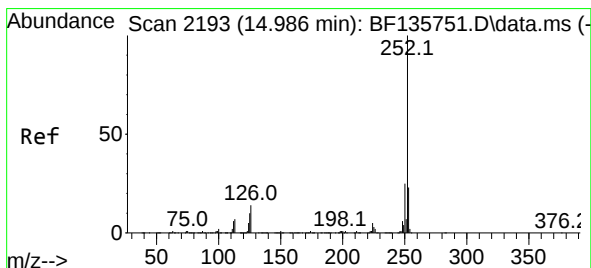
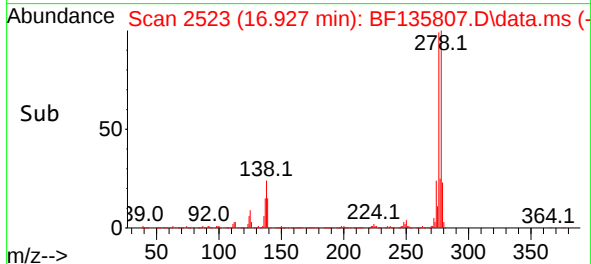
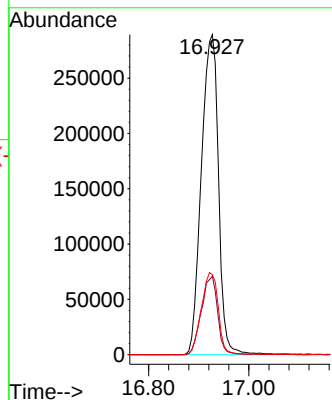
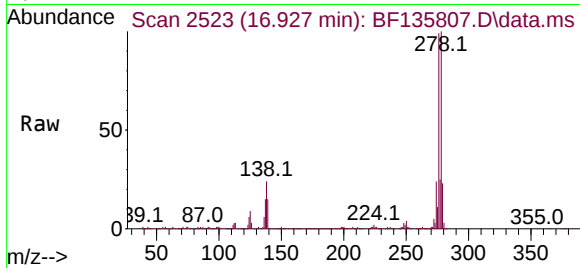




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.714 ng
RT: 16.927 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

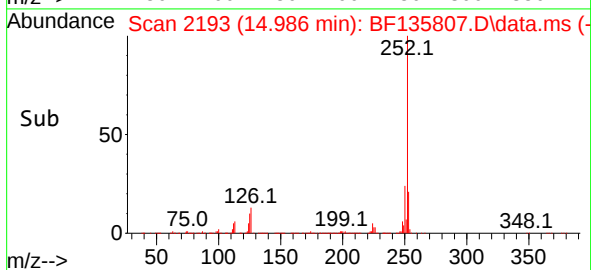
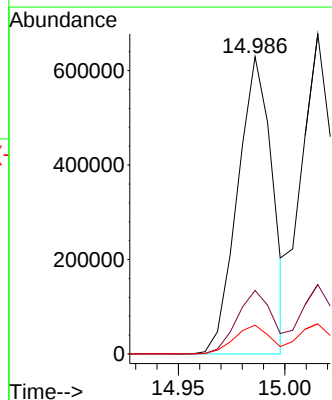
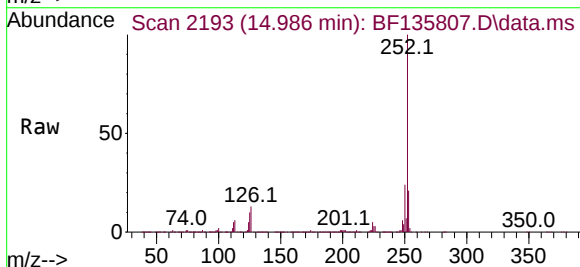
Instrument :
BNA_F
ClientSampleId :
PB156372BS

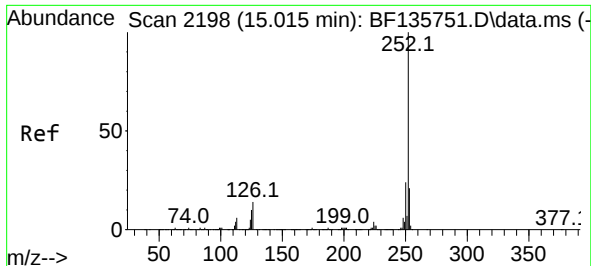
Tgt Ion:276 Resp: 686580
Ion Ratio Lower Upper
276 100
138 23.1 19.8 29.6
277 25.5 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 49.462 ng
RT: 14.986 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:252 Resp: 716050
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.2
125 9.7 8.2 12.2

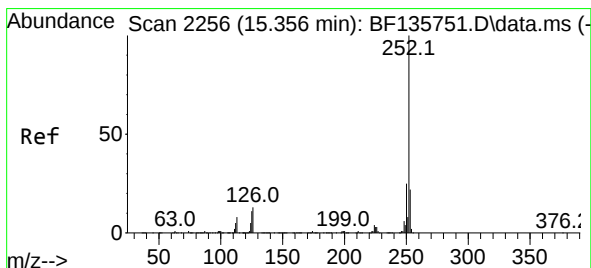
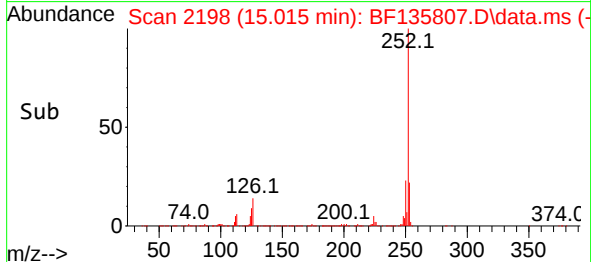
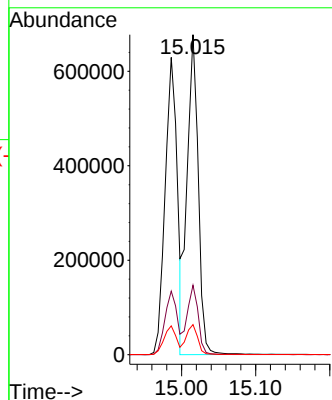
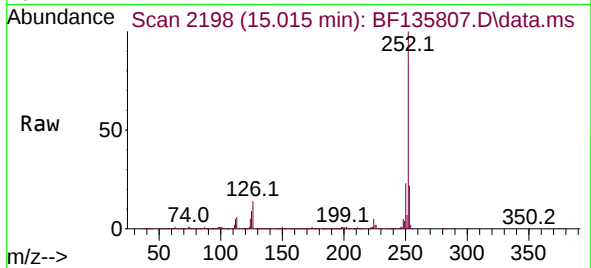




#89
Benzo(k)fluoranthene
Concen: 50.247 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

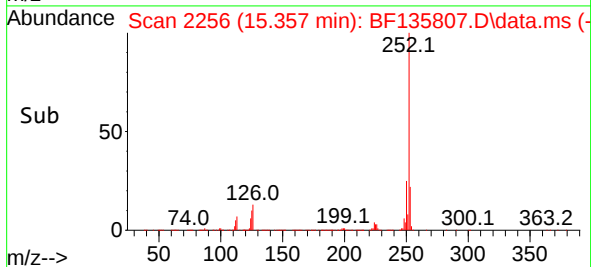
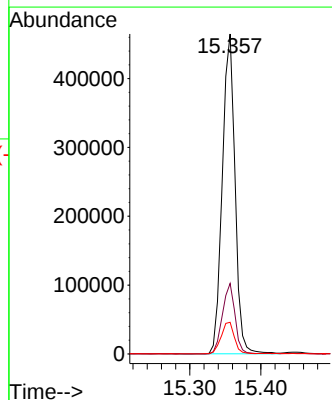
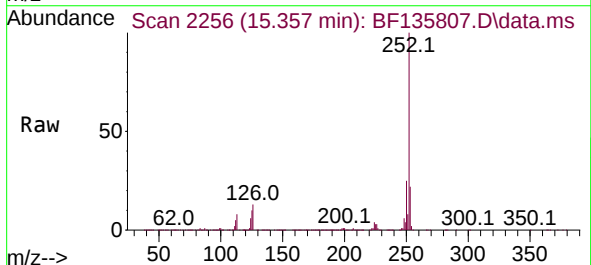
Instrument :
BNA_F
ClientSampleId :
PB156372BS

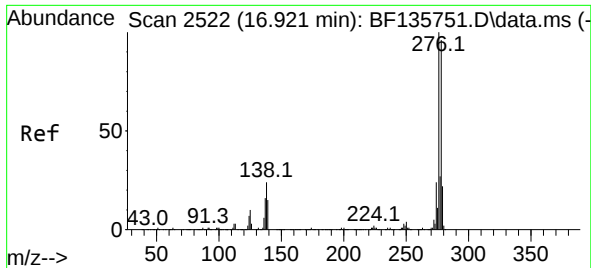
Tgt Ion:252 Resp: 706217
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.4 8.3 12.5



#90
Benzo(a)pyrene
Concen: 42.273 ng
RT: 15.357 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:252 Resp: 575469
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 9.9 8.8 13.2

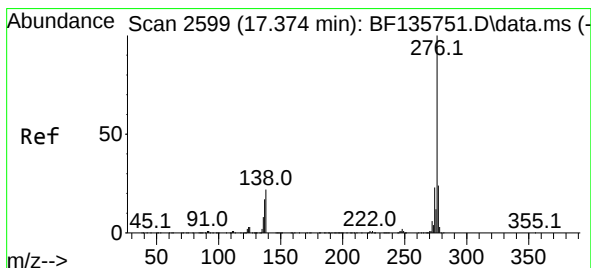
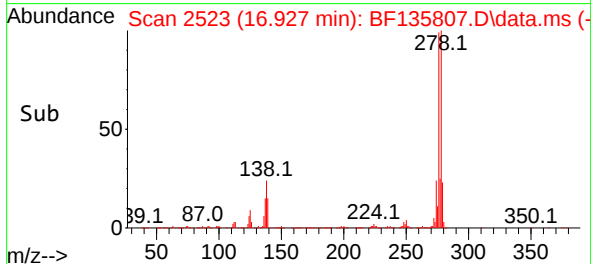
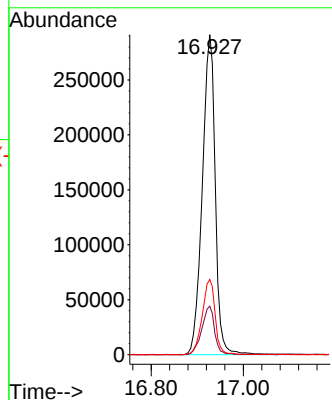
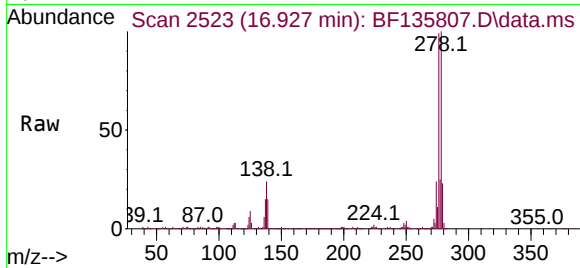




#91
Dibenzo(a,h)anthracene
Concen: 49.420 ng
RT: 16.927 min Scan# 2522
Delta R.T. -0.012 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Instrument :
BNA_F
ClientSampleId :
PB156372BS

Tgt Ion:278 Resp: 571005
Ion Ratio Lower Upper
278 100
139 15.2 12.5 18.7
279 23.5 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 48.306 ng
RT: 17.374 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:276 Resp: 573315
Ion Ratio Lower Upper
276 100
277 24.2 19.4 29.2
138 19.3 17.3 25.9

