

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
 Data File : BF135689.D
 Acq On : 10 Oct 2023 17:27
 Operator : CG\JU
 Sample : PB155881BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155881BS

Quant Time: Oct 11 02:59:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	101991	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	384782	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	193498	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	378671	20.000	ng	0.00
76) Chrysene-d12	13.933	240	192260	20.000	ng	0.00
86) Perylene-d12	15.404	264	201352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	829776	132.324	ng	0.02
7) Phenol-d6	6.398	99	1015605	127.370	ng	0.00
23) Nitrobenzene-d5	7.310	82	643817	90.904	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	260523	135.484	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1153168	89.914	ng	0.00
79) Terphenyl-d14	12.869	244	1177393	94.933	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.522	88	104078	37.861	ng	99
3) Pyridine	3.287	79	237364	32.082	ng	98
4) n-Nitrosodimethylamine	3.240	42	184671	47.037	ng	95
6) Aniline	6.410	93	307457	29.404	ng	# 12
8) 2-Chlorophenol	6.534	128	315233	47.091	ng	94
9) Benzaldehyde	6.298	77	62798	13.825	ng	96
10) Phenol	6.410	94	368985	42.201	ng	77
11) bis(2-Chloroethyl)ether	6.481	93	302061	46.056	ng	97
12) 1,3-Dichlorobenzene	6.681	146	311174	45.740	ng	98
13) 1,4-Dichlorobenzene	6.757	146	314607	45.453	ng	99
14) 1,2-Dichlorobenzene	6.904	146	294562	45.827	ng	99
15) Benzyl Alcohol	6.898	79	240828	42.089	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	537633	43.490	ng	61
17) 2-Methylphenol	7.010	107	251712	42.610	ng	# 91
18) Hexachloroethane	7.240	117	115416	45.129	ng	92
19) n-Nitroso-di-n-propyla...	7.157	70	209167	42.351	ng	95
20) 3+4-Methylphenols	7.163	107	313786	44.175	ng	# 78
22) Acetophenone	7.157	105	413013	46.949	ng	# 94
24) Nitrobenzene	7.328	77	322584	46.082	ng	98
25) Isophorone	7.563	82	589315	45.314	ng	98
26) 2-Nitrophenol	7.645	139	164709	49.024	ng	94
27) 2,4-Dimethylphenol	7.687	122	242478	42.937	ng	97
28) bis(2-Chloroethoxy)met...	7.775	93	365223	46.920	ng	99
29) 2,4-Dichlorophenol	7.887	162	254039	48.547	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	260175	47.568	ng	99
31) Naphthalene	8.040	128	878202	46.974	ng	99
32) Benzoic acid	7.845	122	175239	41.209	ng	98
33) 4-Chloroaniline	8.098	127	235014	28.652	ng	98
34) Hexachlorobutadiene	8.151	225	153906	46.666	ng	99
35) Caprolactam	8.481	113	53504	30.465	ng	93
36) 4-Chloro-3-methylphenol	8.598	107	283109	48.678	ng	99
37) 2-Methylnaphthalene	8.734	142	549084	43.693	ng	100
38) 1-Methylnaphthalene	8.834	142	530119	45.056	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	267465	47.712	ng	100
41) Hexachlorocyclopentadiene	8.881	237	117425	50.535	ng	100
43) 2,4,6-Trichlorophenol	9.022	196	167375	45.602	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	175588	41.541	ng	99
46) 1,1'-Biphenyl	9.198	154	699520	47.042	ng	98
47) 2-Chloronaphthalene	9.228	162	528367	48.972	ng	99
48) 2-Nitroaniline	9.334	65	200238	47.772	ng	93
49) Acenaphthylene	9.639	152	861456	48.044	ng	100
50) Dimethylphthalate	9.504	163	616025	47.088	ng	100
51) 2,6-Dinitrotoluene	9.581	165	136668	47.687	ng	89
52) Acenaphthene	9.810	154	500874	47.286	ng	99
53) 3-Nitroaniline	9.751	138	116255	34.557	ng	100
54) 2,4-Dinitrophenol	9.875	184	132611	81.390	ng	99
55) Dibenzofuran	9.986	168	744399	46.053	ng	96
56) 4-Nitrophenol	9.939	139	141089	65.989	ng	99
57) 2,4-Dinitrotoluene	9.992	165	173664	48.403	ng	96
58) Fluorene	10.333	166	602460	48.483	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	149511	45.983	ng	99
60) Diethylphthalate	10.210	149	628258	47.851	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	287785	48.212	ng	94
62) 4-Nitroaniline	10.375	138	145528	45.003	ng	97
63) Azobenzene	10.486	77	612364	47.656	ng	99
65) 4,6-Dinitro-2-methylph...	10.410	198	90781	45.137	ng	83
66) n-Nitrosodiphenylamine	10.445	169	549785	47.957	ng	100
67) 4-Bromophenyl-phenylether	10.816	248	174846	46.426	ng	99
68) Hexachlorobenzene	10.880	284	192673	50.216	ng	# 93
69) Atrazine	10.980	200	169276	54.876	ng	98
70) Pentachlorophenol	11.086	266	142533	62.090	ng	97
71) Phenanthrene	11.298	178	855968	47.794	ng	98
72) Anthracene	11.351	178	886927	48.179	ng	99
73) Carbazole	11.516	167	827852	49.400	ng	100
74) Di-n-butylphthalate	11.839	149	977770	49.515	ng	99
75) Fluoranthene	12.498	202	900860	48.274	ng	99
77) Benzidine	12.627	184	262209	66.571	ng	98
78) Pyrene	12.727	202	901877	49.270	ng	99
80) Butylbenzylphthalate	13.345	149	340779	52.877	ng	97
81) Benzo(a)anthracene	13.927	228	627689	50.560	ng	99
82) 3,3'-Dichlorobenzidine	13.886	252	174630	45.033	ng	99
83) Chrysene	13.963	228	586699	47.532	ng	100
84) Bis(2-ethylhexyl)phtha...	13.904	149	402518	60.864	ng	# 99
85) Di-n-octyl phthalate	14.521	149	561513	53.426	ng	99
87) Indeno(1,2,3-cd)pyrene	16.904	276	646271	48.953	ng	99
88) Benzo(b)fluoranthene	14.980	252	528456	48.483	ng	99
89) Benzo(k)fluoranthene	15.010	252	495734	46.041	ng	99
90) Benzo(a)pyrene	15.345	252	480014	46.180	ng	98
91) Dibenzo(a,h)anthracene	16.910	278	532595	49.305	ng	98
92) Benzo(g,h,i)perylene	17.351	276	541910	48.036	ng	99

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

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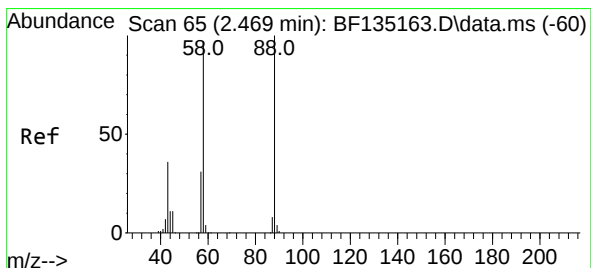
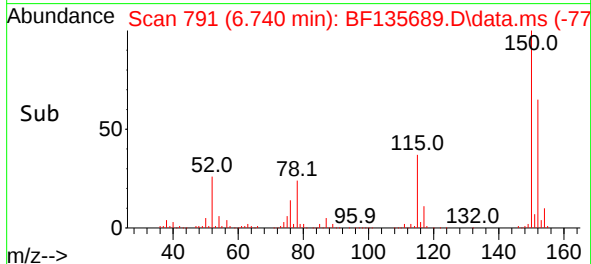
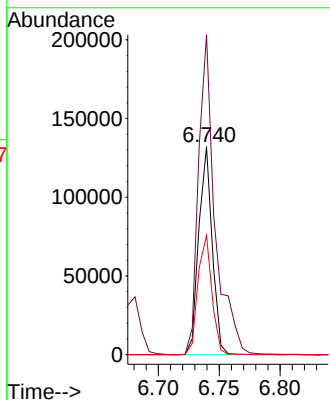
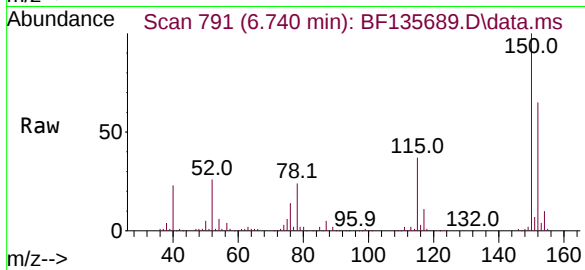




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 74
 Delta R.T. 0.001 min
 Lab File: BF135689.D
 Acq: 10 Oct 2023 17:27

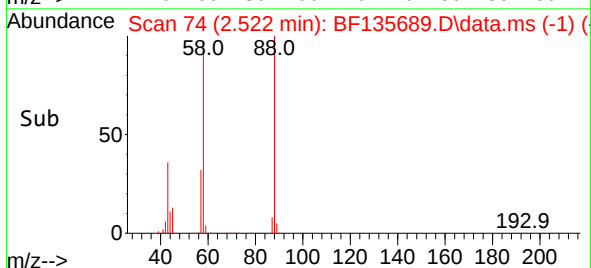
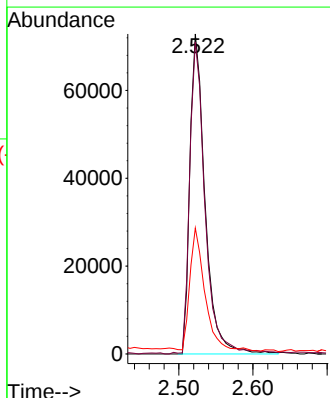
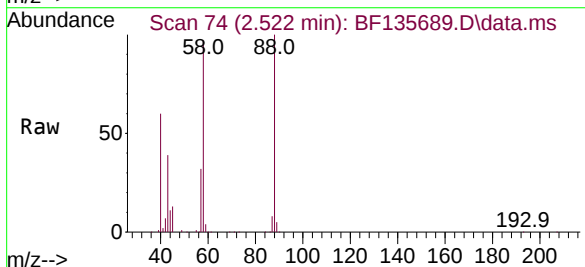
Instrument :
 BNA_F
 ClientSampleId :
 PB155881BS

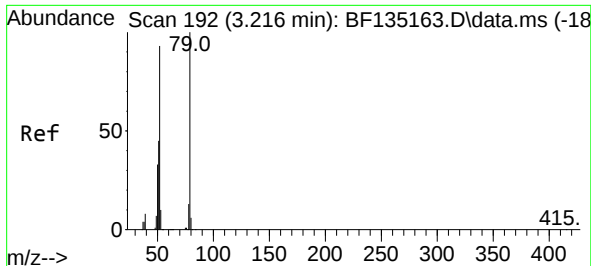
Tgt Ion:152 Resp: 101991
 Ion Ratio Lower Upper
 152 100
 150 153.8 127.8 191.6
 115 57.3 49.8 74.8



#2
 1,4-Dioxane
 Concen: 37.861 ng
 RT: 2.522 min Scan# 74
 Delta R.T. 0.094 min
 Lab File: BF135689.D
 Acq: 10 Oct 2023 17:27

Tgt Ion: 88 Resp: 104078
 Ion Ratio Lower Upper
 88 100
 58 98.9 78.3 117.5
 43 38.3 29.4 44.0

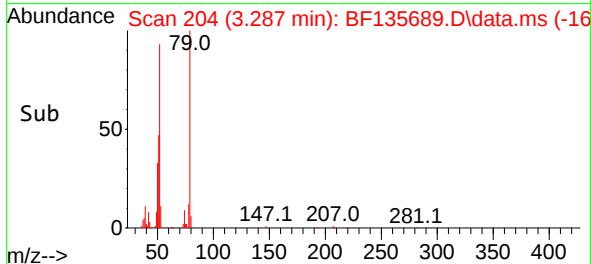
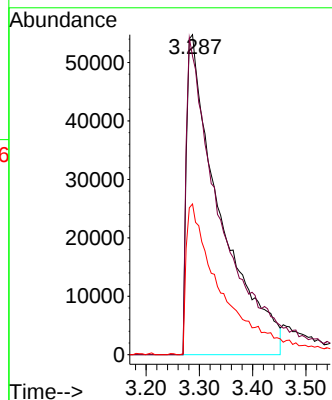
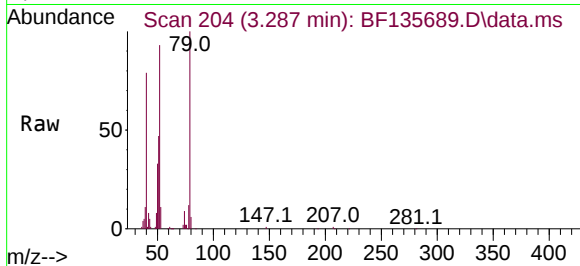




#3
Pyridine
Concen: 32.082 ng
RT: 3.287 min Scan# 204
Delta R.T. 0.112 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

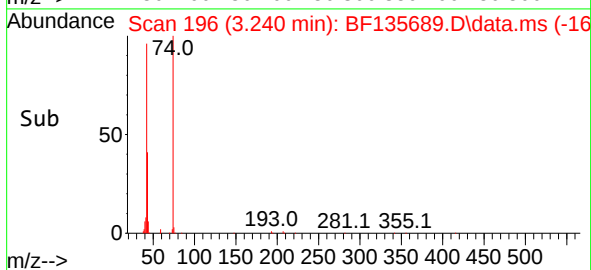
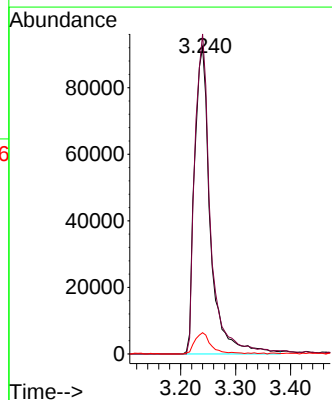
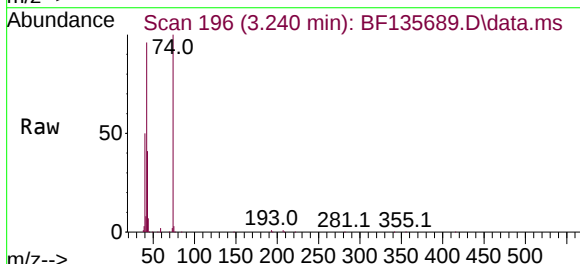
Instrument :
BNA_F
ClientSampleId :
PB155881BS

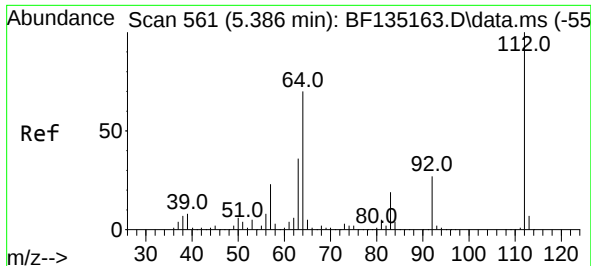
Tgt Ion: 79 Resp: 237364
Ion Ratio Lower Upper
79 100
52 93.3 74.1 111.1
51 47.1 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 47.037 ng
RT: 3.240 min Scan# 196
Delta R.T. 0.088 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion: 42 Resp: 184671
Ion Ratio Lower Upper
42 100
74 104.3 87.7 131.5
44 6.9 5.6 8.4

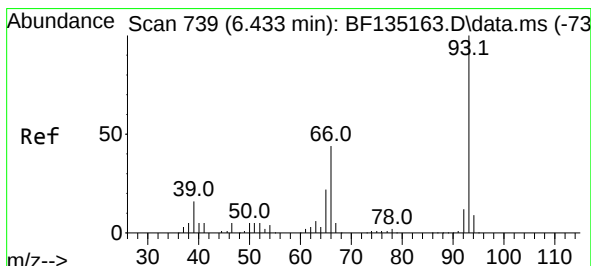
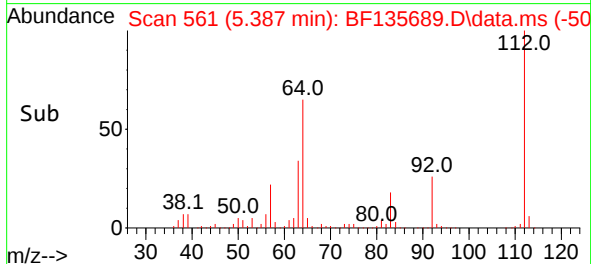
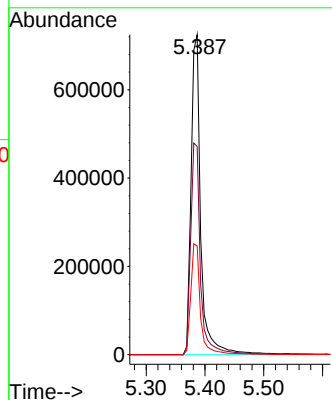
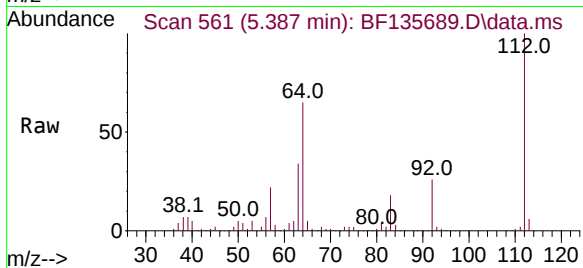




#5
2-Fluorophenol
Concen: 132.324 ng
RT: 5.387 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

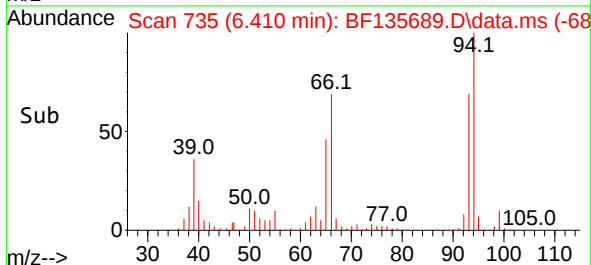
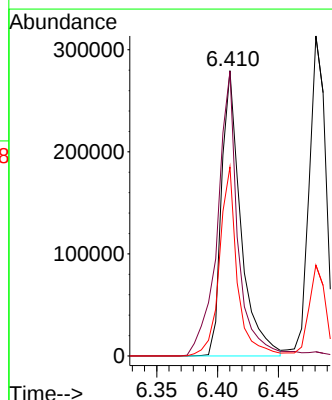
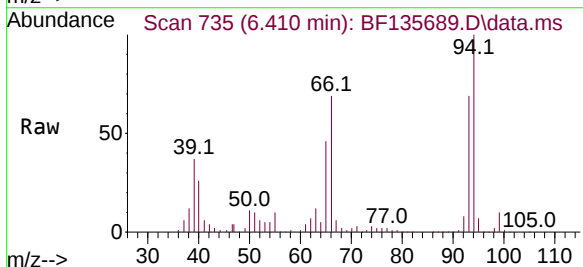
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Tgt Ion:112 Resp: 829776
Ion Ratio Lower Upper
112 100
64 65.0 55.9 83.9
63 34.0 29.0 43.6



#6
Aniline
Concen: 29.404 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion: 93 Resp: 307457
Ion Ratio Lower Upper
93 100
66 99.8 35.4 53.0#
65 66.3 17.8 26.8#





#7

Phenol-d6

Concen: 127.370 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

Instrument :

BNA_F

ClientSampleId :

PB155881BS

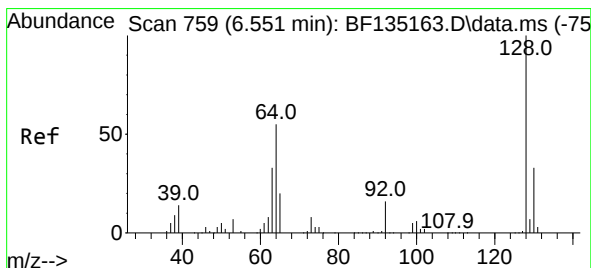
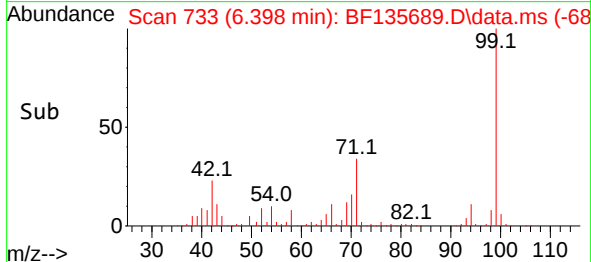
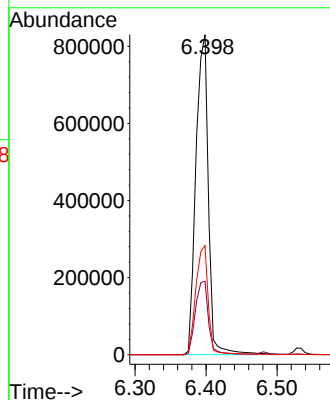
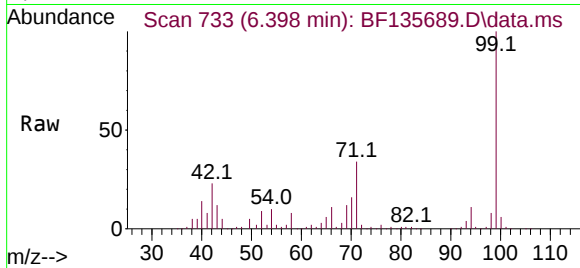
Tgt Ion: 99 Resp: 1015605

Ion Ratio Lower Upper

99 100

42 23.0 17.9 26.9

71 34.1 27.0 40.6



#8

2-Chlorophenol

Concen: 47.091 ng

RT: 6.534 min Scan# 756

Delta R.T. 0.000 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

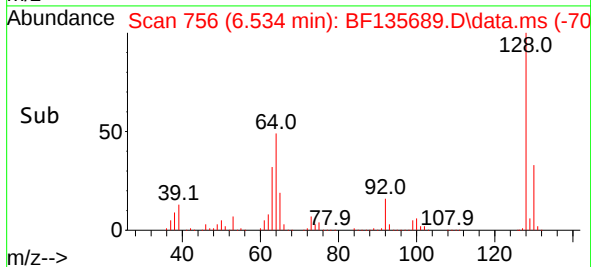
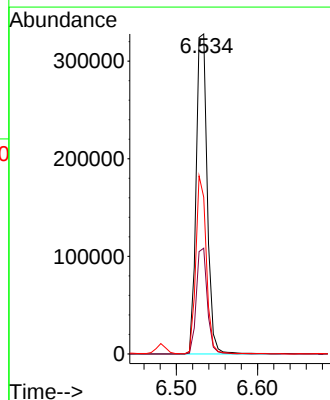
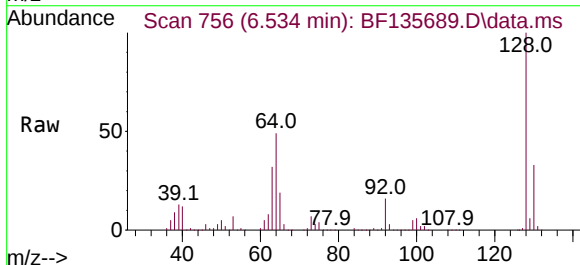
Tgt Ion:128 Resp: 315233

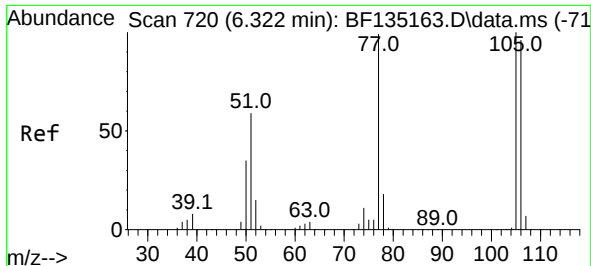
Ion Ratio Lower Upper

128 100

130 33.0 12.7 52.7

64 49.0 35.9 75.9

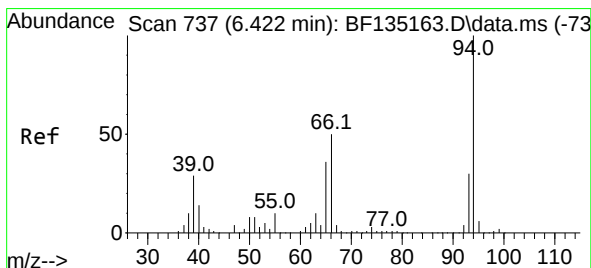
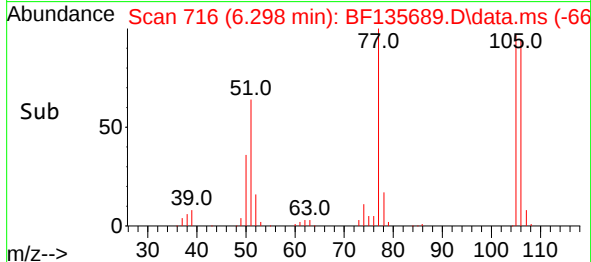
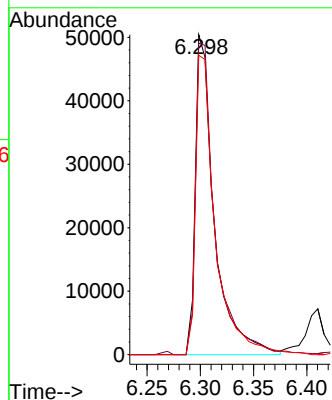
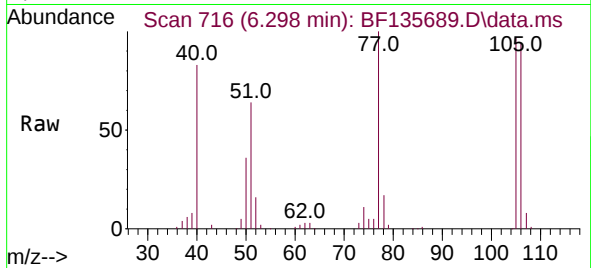




#9
Benzaldehyde
Concen: 13.825 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

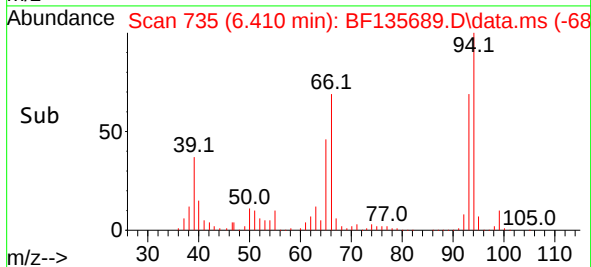
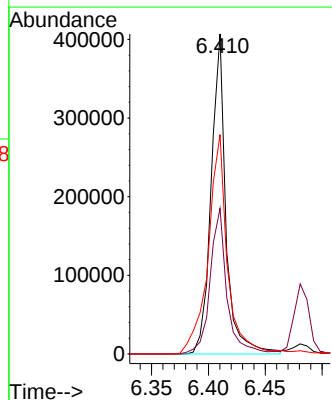
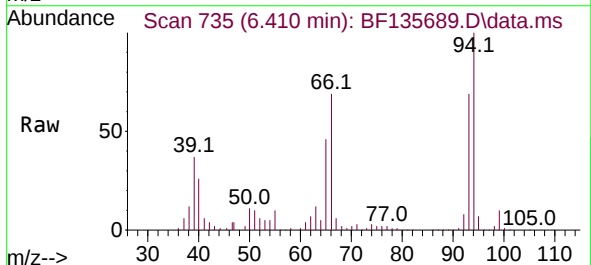
Instrument :
BNA_F
ClientSampleId :
PB155881BS

Tgt Ion: 77 Resp: 62798
Ion Ratio Lower Upper
77 100
105 97.4 81.4 121.4
106 93.6 76.9 116.9



#10
Phenol
Concen: 42.201 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion: 94 Resp: 368985
Ion Ratio Lower Upper
94 100
65 45.5 15.9 55.9
66 68.5 29.8 69.8

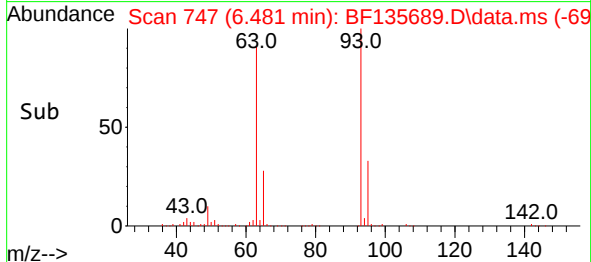
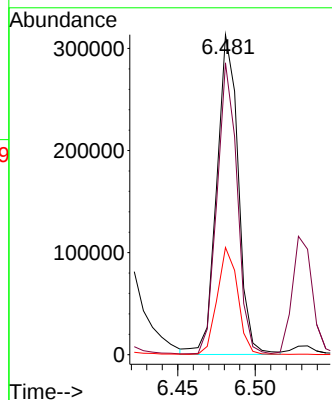
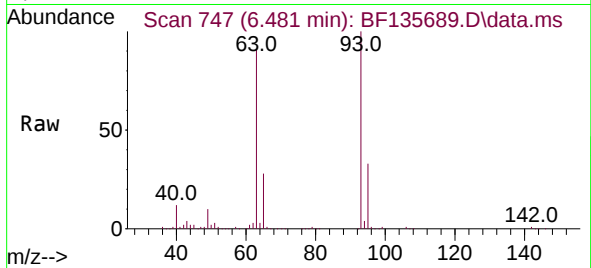




#11
bis(2-Chloroethyl)ether
Concen: 46.056 ng
RT: 6.481 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

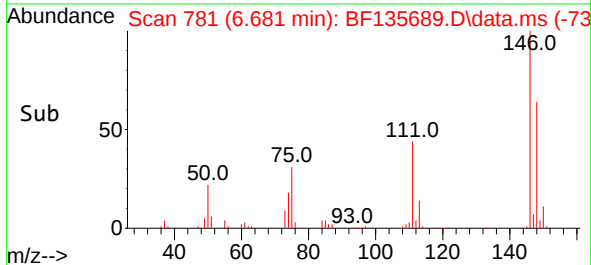
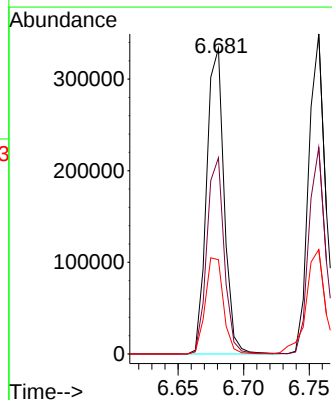
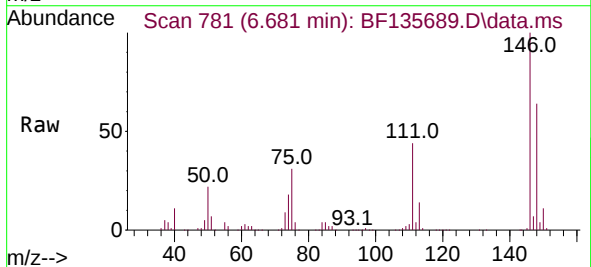
Instrument :
BNA_F
ClientSampleId :
PB155881BS

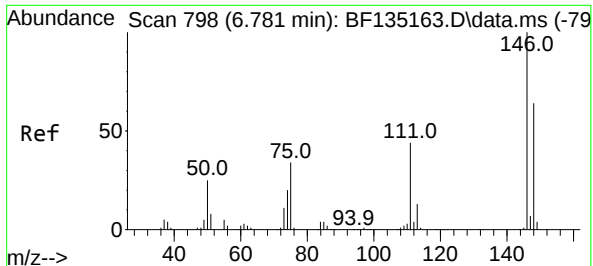
Tgt Ion: 93 Resp: 302061
Ion Ratio Lower Upper
93 100
63 91.2 67.3 107.3
95 33.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 45.740 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion:146 Resp: 311174
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
75 30.9 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 45.453 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

Instrument :

BNA_F

ClientSampleId :

PB155881BS

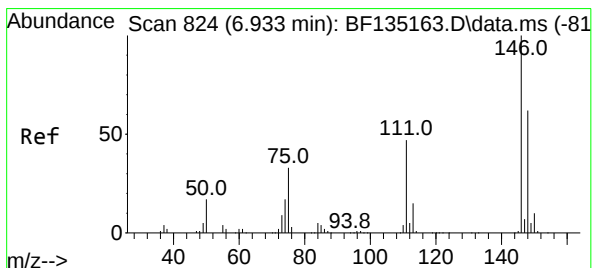
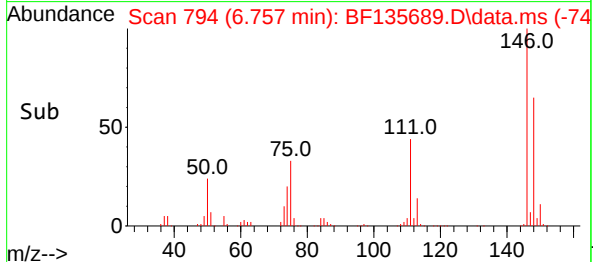
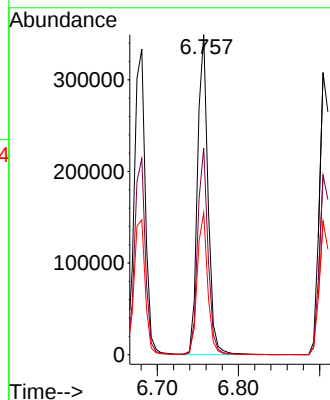
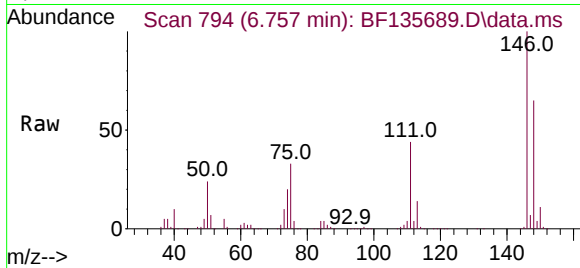
Tgt Ion:146 Resp: 314607

Ion Ratio Lower Upper

146 100

148 64.6 51.3 76.9

111 44.3 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 45.827 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

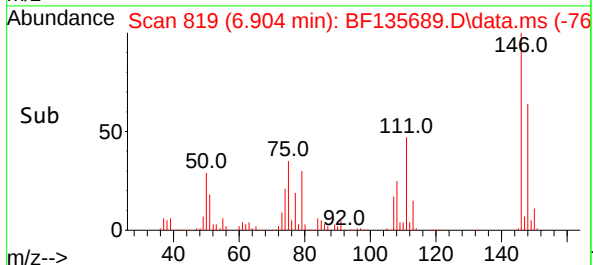
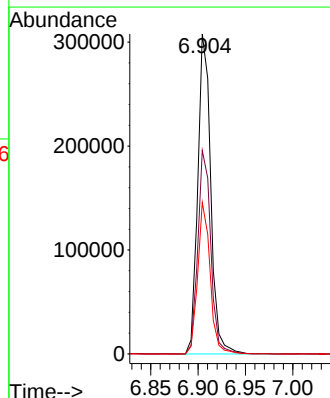
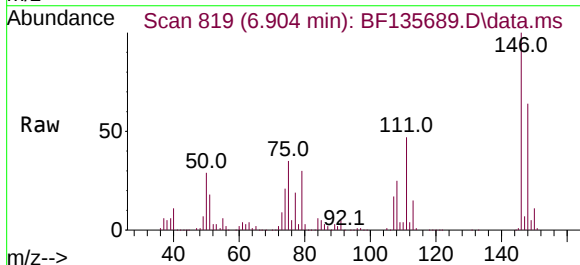
Tgt Ion:146 Resp: 294562

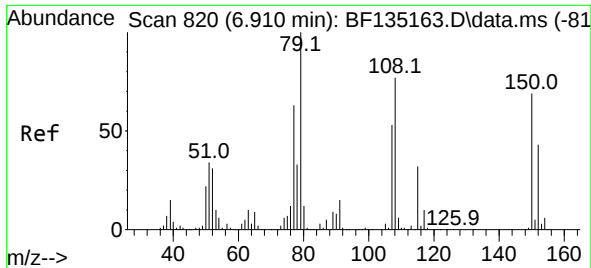
Ion Ratio Lower Upper

146 100

148 63.6 49.7 74.5

111 47.4 37.4 56.2

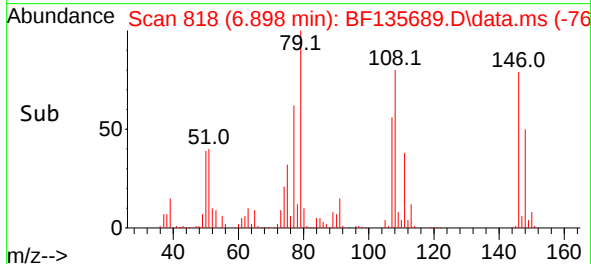
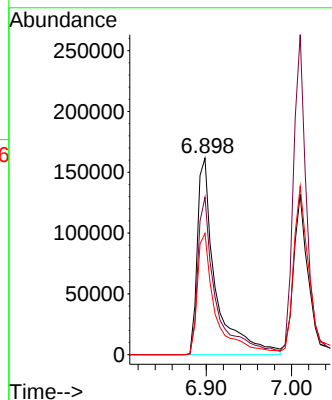
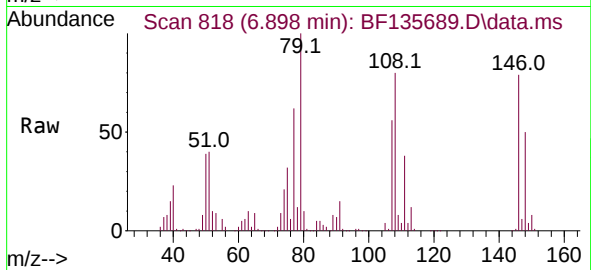




#15
Benzyl Alcohol
Concen: 42.089 ng
RT: 6.898 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

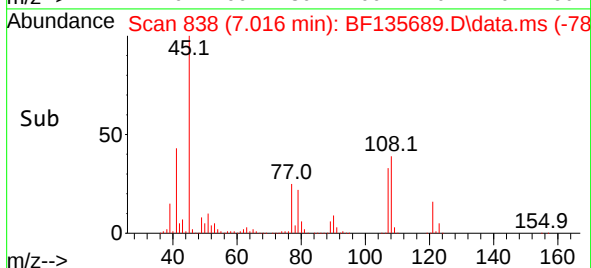
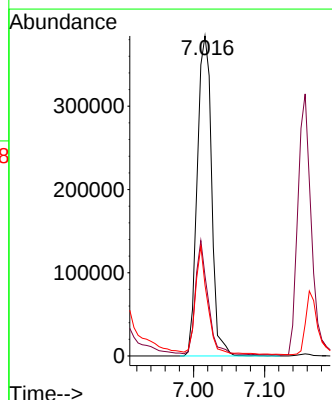
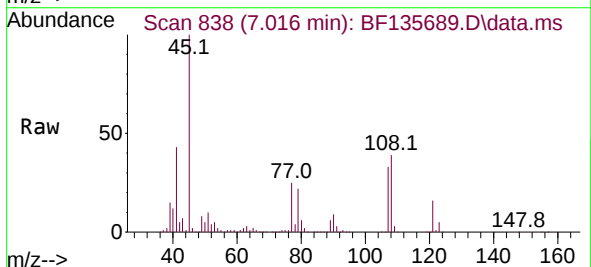
Instrument :
BNA_F
ClientSampleId :
PB155881BS

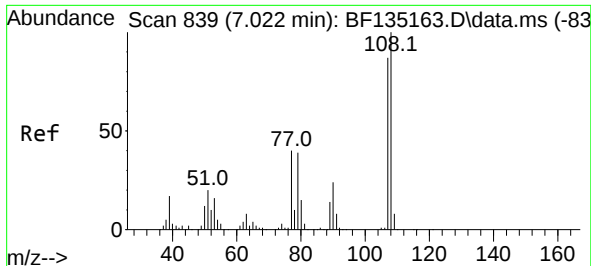
Tgt Ion: 79 Resp: 240828
Ion Ratio Lower Upper
79 100
108 80.2 61.2 91.8
77 61.8 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.490 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion: 45 Resp: 537633
Ion Ratio Lower Upper
45 100
77 25.1 0.0 30.6
79 22.1 0.0 28.3

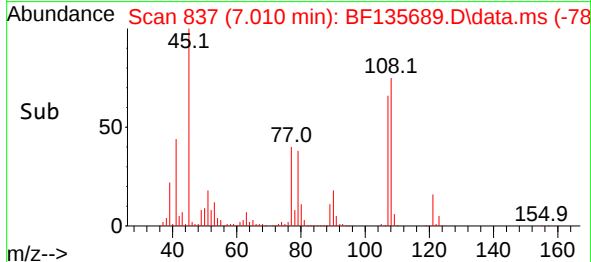
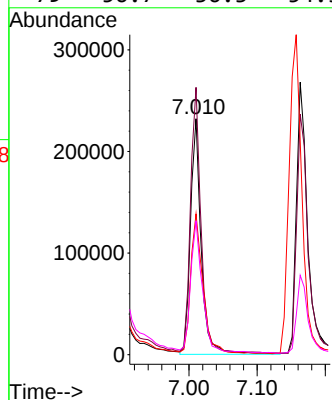
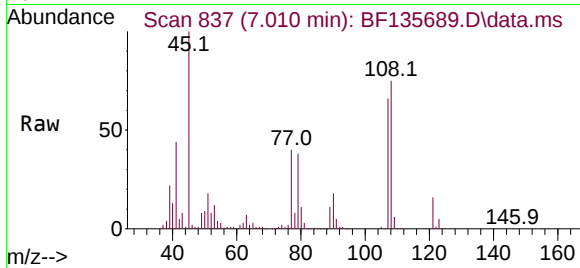




#17
2-Methylphenol
Concen: 42.610 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

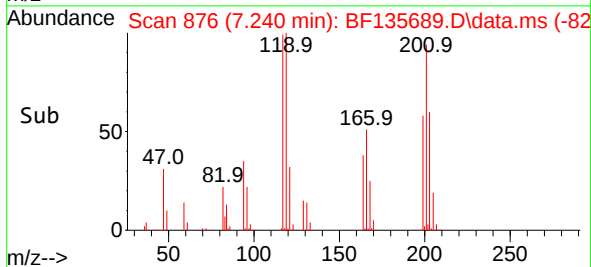
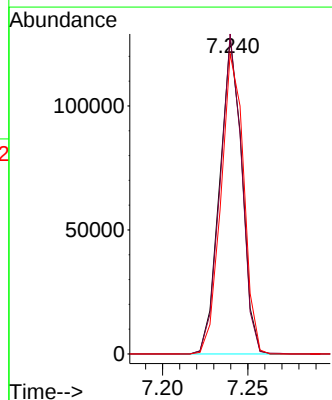
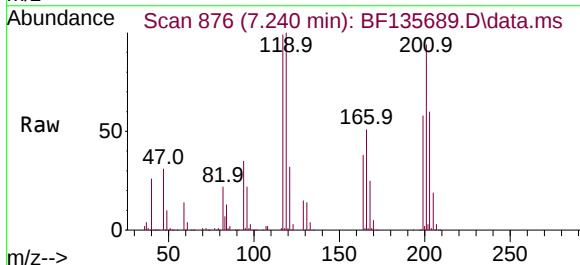
Instrument :
BNA_F
ClientSampleId :
PB155881BS

Tgt Ion:107 Resp: 251712
Ion Ratio Lower Upper
107 100
108 113.3 92.0 138.0
77 59.6 36.7 55.1#
79 56.7 36.3 54.5#



#18
Hexachloroethane
Concen: 45.129 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion:117 Resp: 115416
Ion Ratio Lower Upper
117 100
119 101.2 74.7 112.1
201 94.9 81.8 122.8

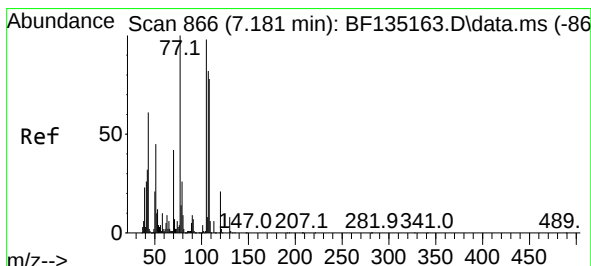
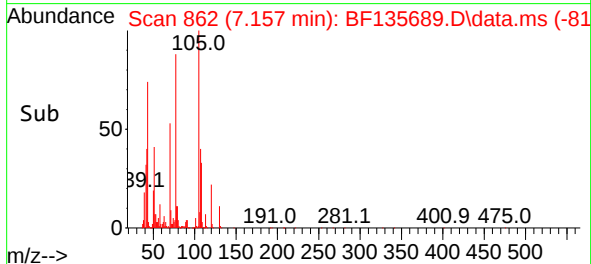
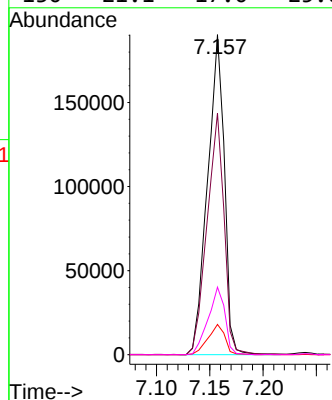
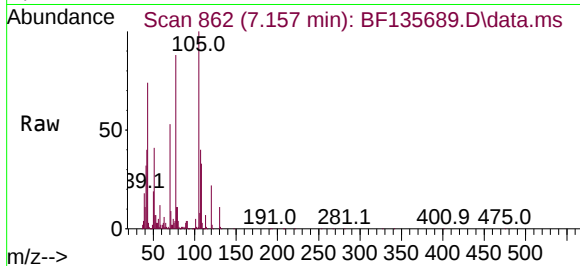




#19
n-Nitroso-di-n-propylamine
Concen: 42.351 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

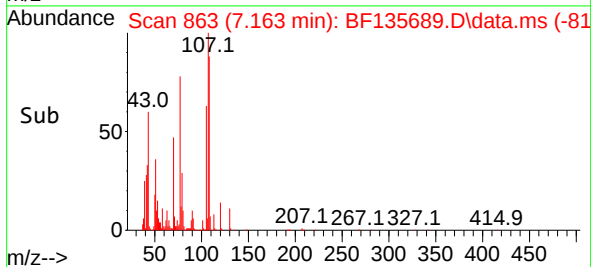
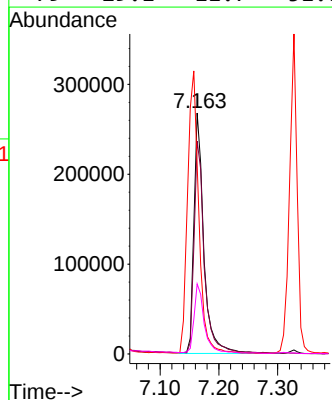
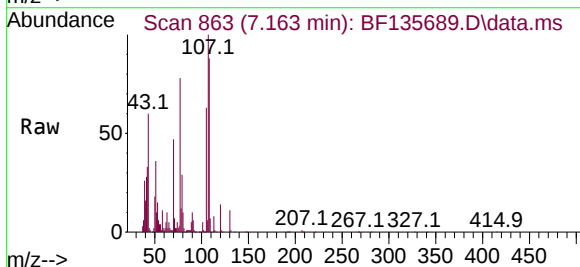
Instrument :
BNA_F
ClientSampleId :
PB155881BS

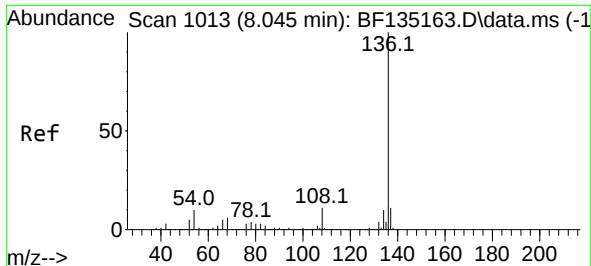
Tgt Ion: 70 Resp: 209167
Ion Ratio Lower Upper
70 100
42 75.5 55.4 83.0
101 9.5 7.7 11.5
130 21.1 17.0 25.6



#20
3+4-Methylphenols
Concen: 44.175 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion: 107 Resp: 313786
Ion Ratio Lower Upper
107 100
108 88.3 74.7 114.7
77 78.4 102.0 142.0#
79 29.1 11.7 51.7

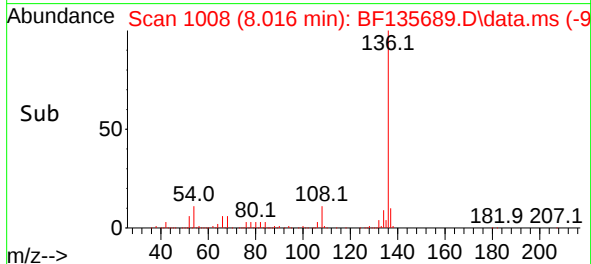
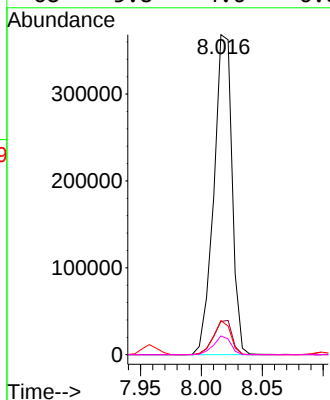
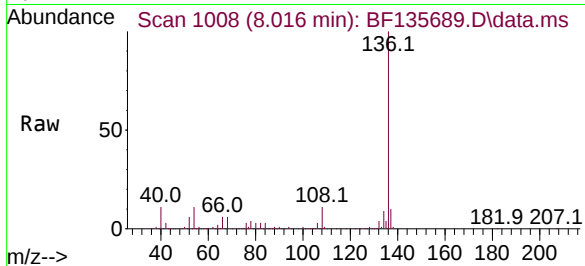




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

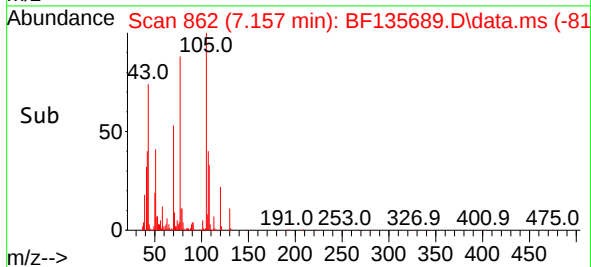
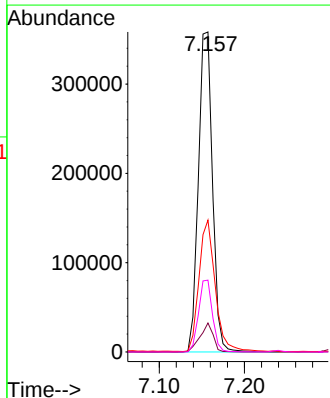
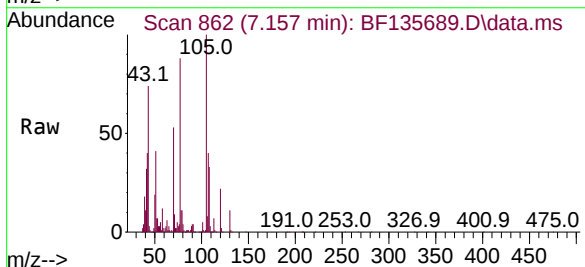
Instrument :
BNA_F
ClientSampleId :
PB155881BS

Tgt Ion:136 Resp: 384782
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 10.6 7.7 11.5
68 5.8 4.6 6.8



#22
Acetophenone
Concen: 46.949 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion:105 Resp: 413013
Ion Ratio Lower Upper
105 100
71 9.0 5.8 8.6#
51 41.2 37.0 55.4
120 22.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 90.904 ng

RT: 7.310 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

Instrument :

BNA_F

ClientSampleId :

PB155881BS

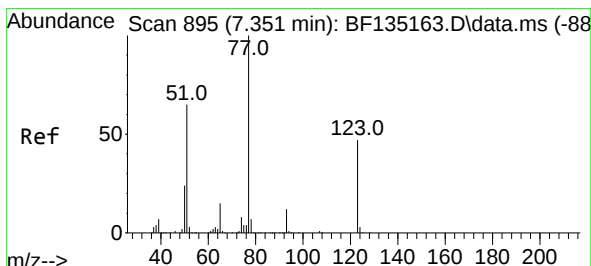
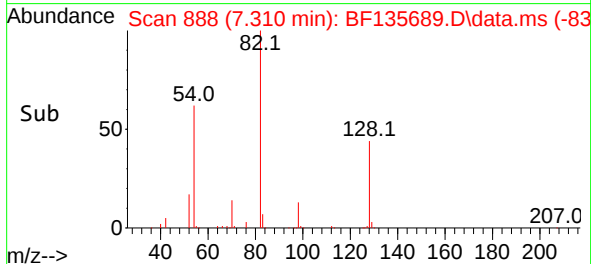
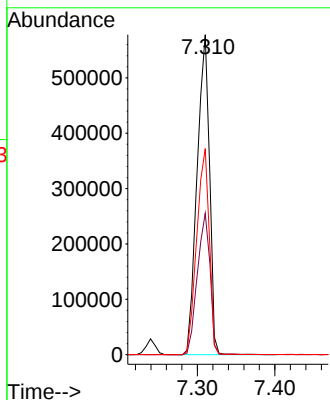
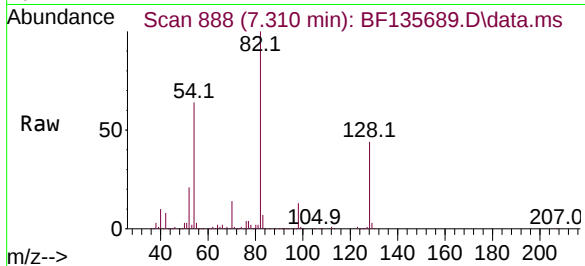
Tgt Ion: 82 Resp: 643817

Ion Ratio Lower Upper

82 100

128 44.2 35.8 53.6

54 64.4 50.6 76.0



#24

Nitrobenzene

Concen: 46.082 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

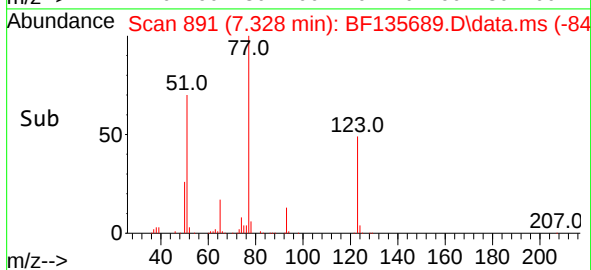
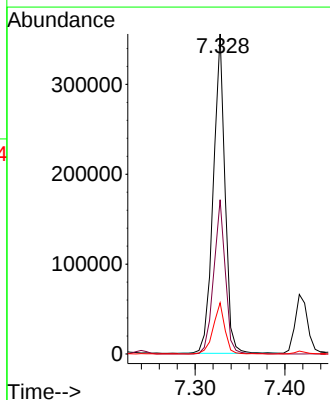
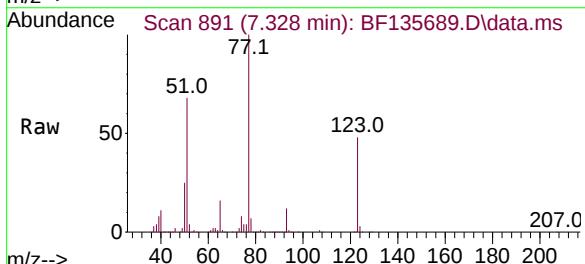
Tgt Ion: 77 Resp: 322584

Ion Ratio Lower Upper

77 100

123 48.2 37.6 56.4

65 16.0 12.2 18.4

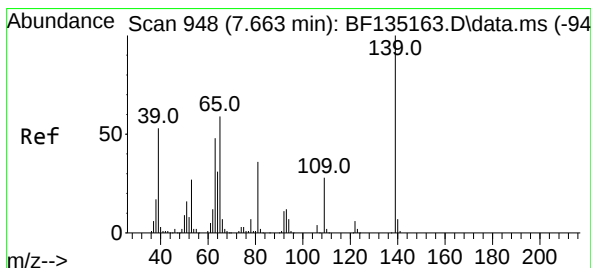
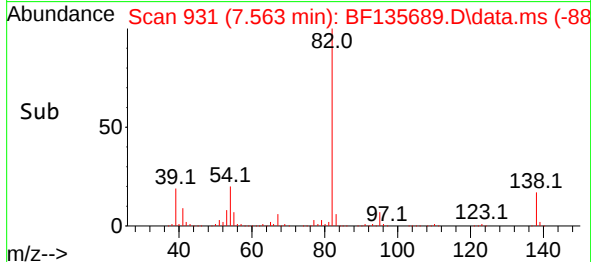
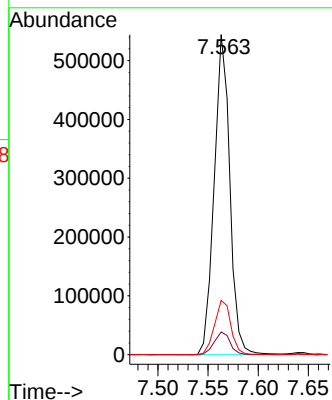
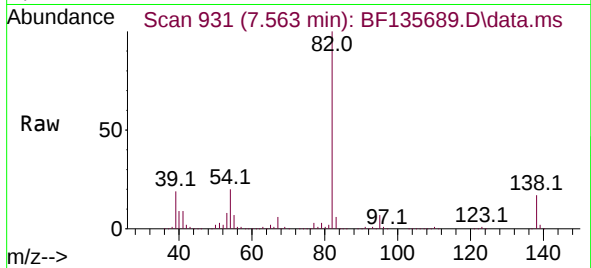




#25
Isophorone
Concen: 45.314 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

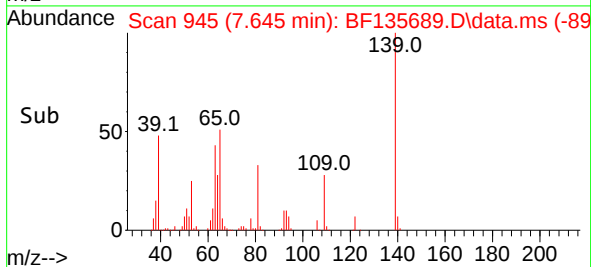
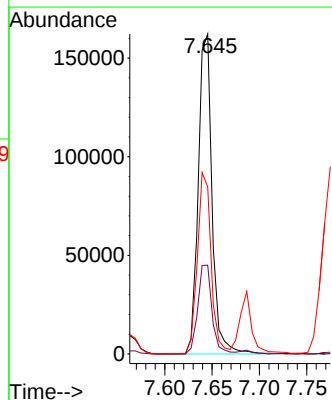
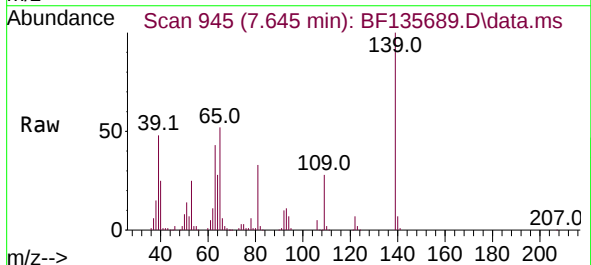
Instrument :
BNA_F
ClientSampleId :
PB155881BS

Tgt Ion: 82 Resp: 589315
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 17.0 14.5 21.7



#26
2-Nitrophenol
Concen: 49.024 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion:139 Resp: 164709
Ion Ratio Lower Upper
139 100
109 27.7 22.6 33.8
65 52.2 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 42.937 ng

RT: 7.687 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135689.D

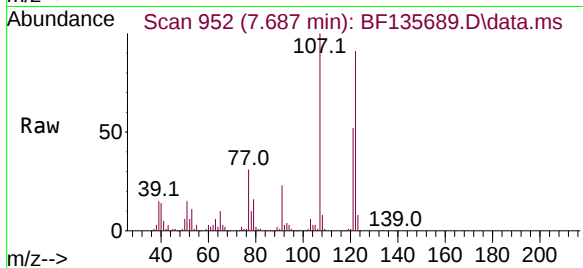
Acq: 10 Oct 2023 17:27

Instrument :

BNA_F

ClientSampleId :

PB155881BS



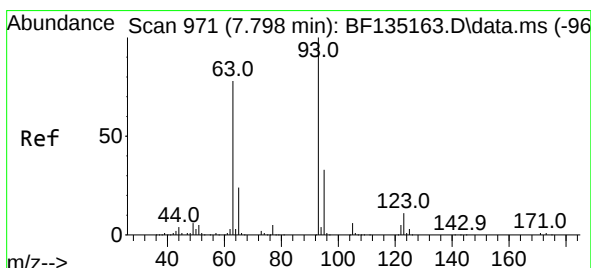
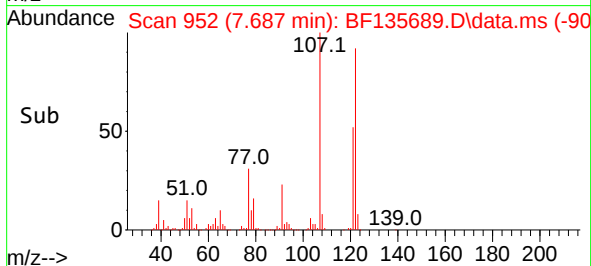
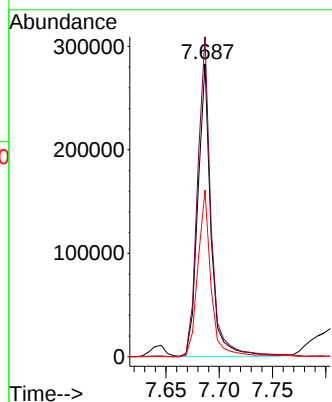
Tgt Ion:122 Resp: 242478

Ion Ratio Lower Upper

122 100

107 109.3 90.2 135.4

121 56.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 46.920 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

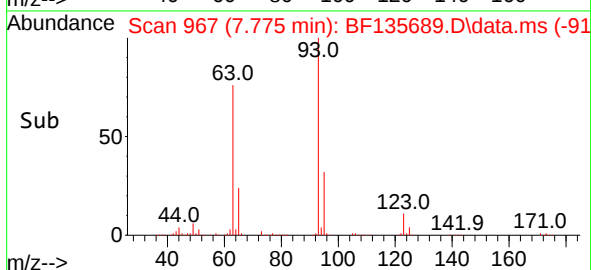
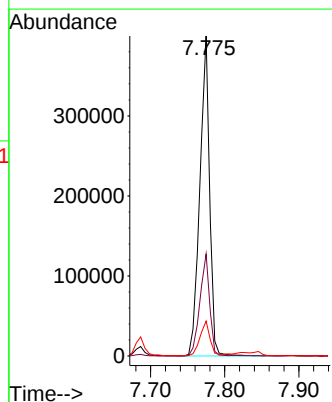
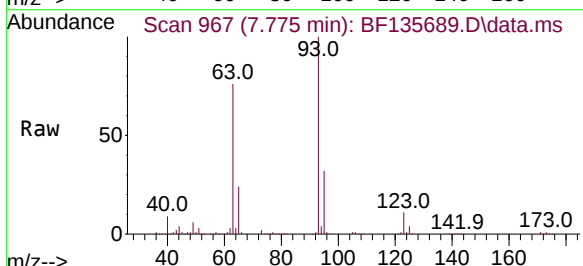
Tgt Ion: 93 Resp: 365223

Ion Ratio Lower Upper

93 100

95 31.9 26.2 39.2

123 10.9 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 48.547 ng

RT: 7.887 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

Instrument :

BNA_F

ClientSampleId :

PB155881BS

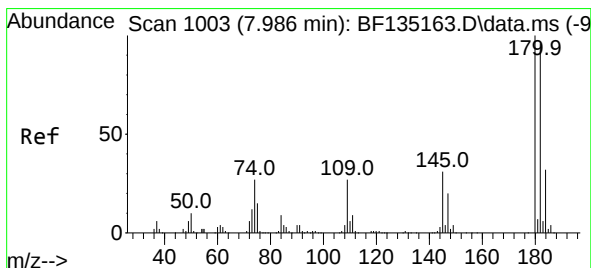
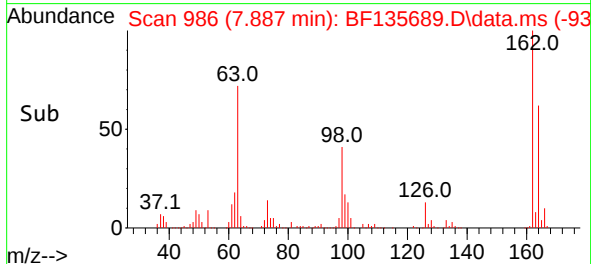
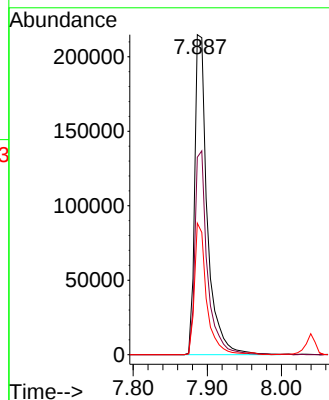
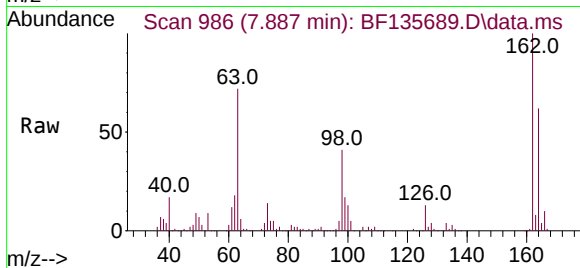
Tgt Ion:162 Resp: 254039

Ion Ratio Lower Upper

162 100

164 61.7 44.1 84.1

98 41.1 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 47.568 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

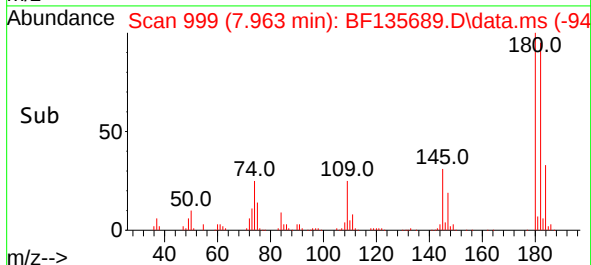
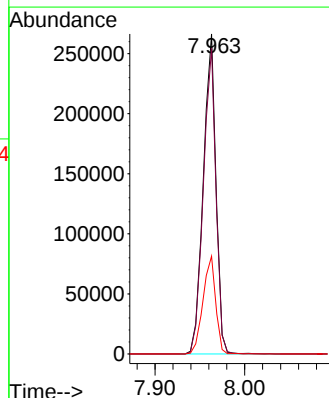
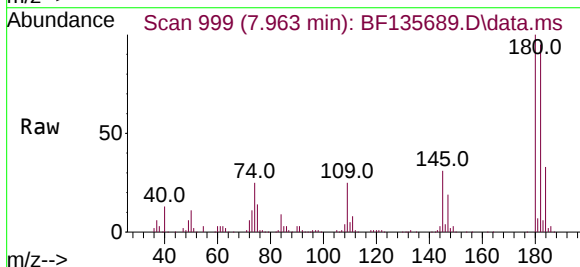
Tgt Ion:180 Resp: 260175

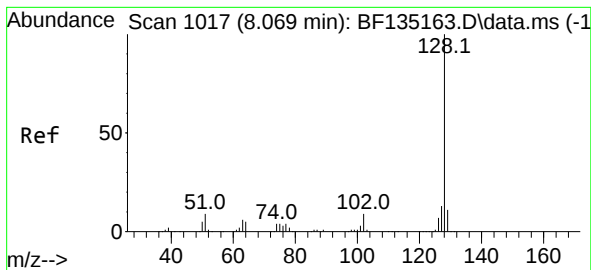
Ion Ratio Lower Upper

180 100

182 95.5 76.9 115.3

145 30.5 24.5 36.7





#31

Naphthalene

Concen: 46.974 ng

RT: 8.040 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

Instrument :

BNA_F

ClientSampleId :

PB155881BS

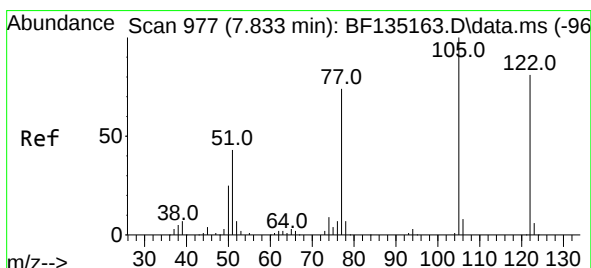
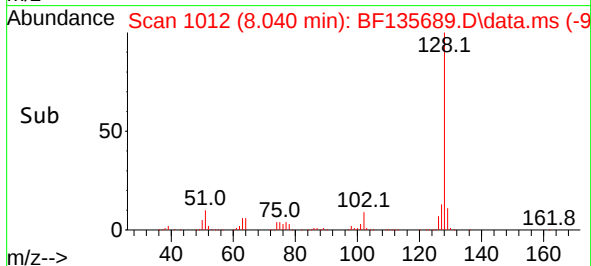
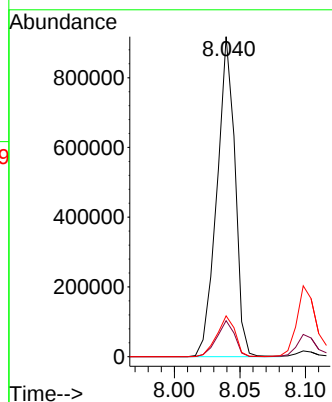
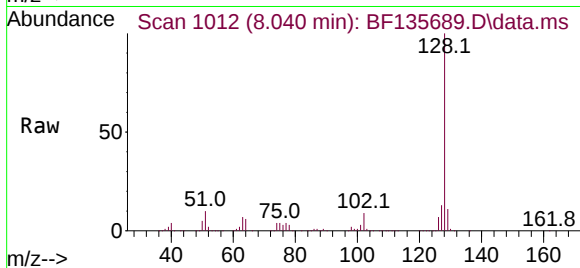
Tgt Ion:128 Resp: 878202

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 12.7 10.7 16.1



#32

Benzoic acid

Concen: 41.209 ng

RT: 7.845 min Scan# 979

Delta R.T. 0.012 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

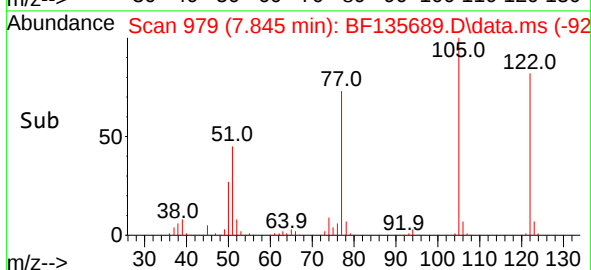
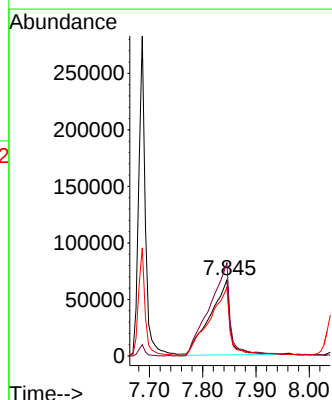
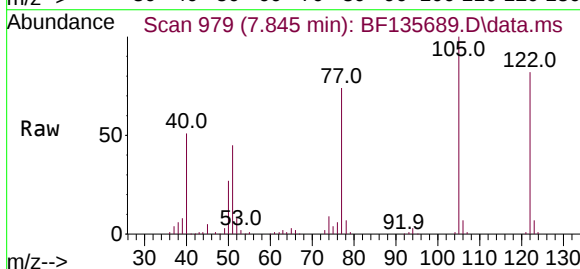
Tgt Ion:122 Resp: 175239

Ion Ratio Lower Upper

122 100

105 122.7 99.9 139.9

77 90.3 70.0 110.0

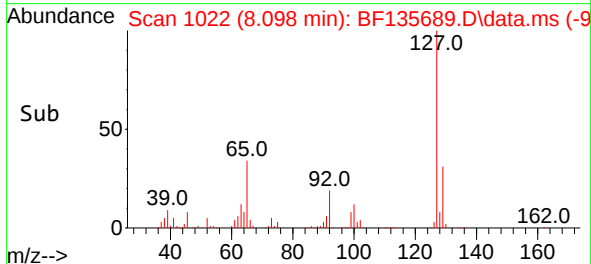
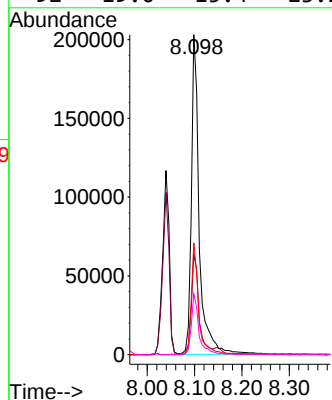
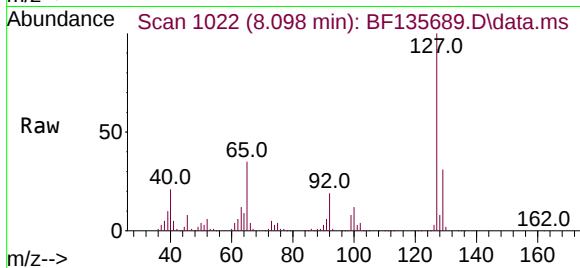




#33
4-Chloroaniline
Concen: 28.652 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

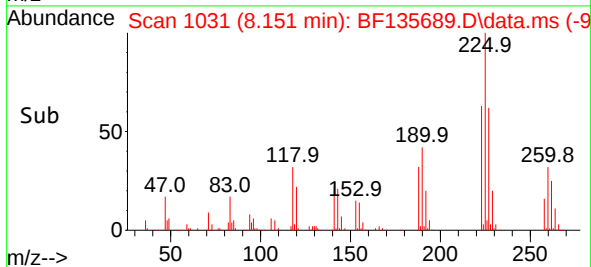
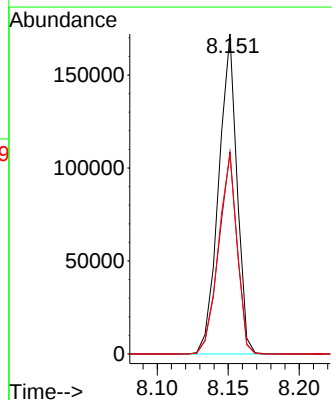
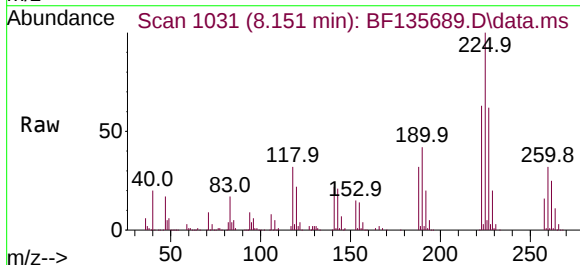
Instrument :
BNA_F
ClientSampleId :
PB155881BS

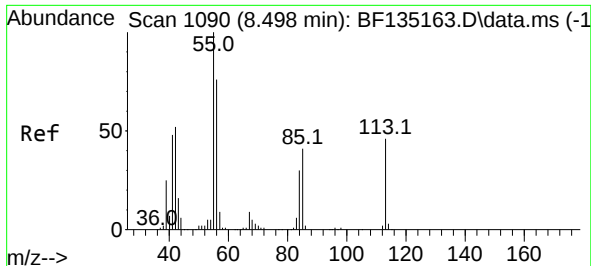
Tgt Ion:	127	Resp:	235014
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.8	38.8
65	35.0	26.6	39.8
92	19.0	15.4	23.2



#34
Hexachlorobutadiene
Concen: 46.666 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion:	225	Resp:	153906
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	75.8
227	62.4	50.8	76.2

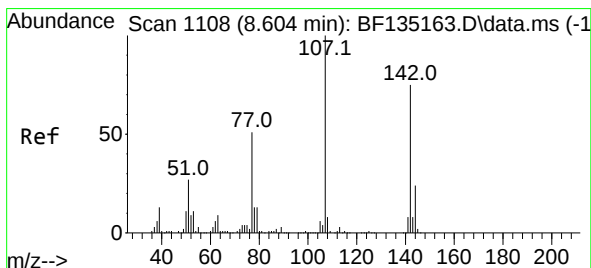
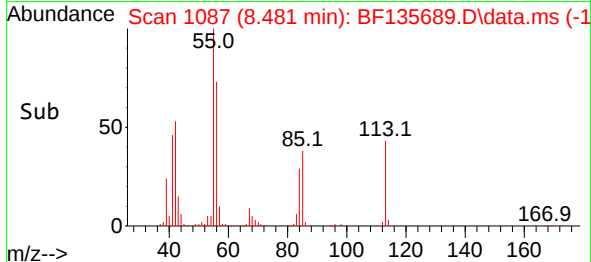
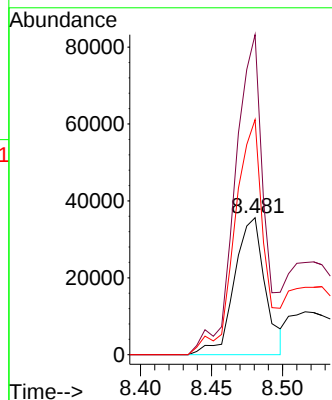
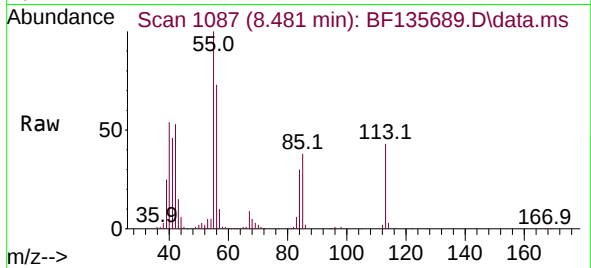




#35
 Caprolactam
 Concen: 30.465 ng
 RT: 8.481 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: BF135689.D
 Acq: 10 Oct 2023 17:27

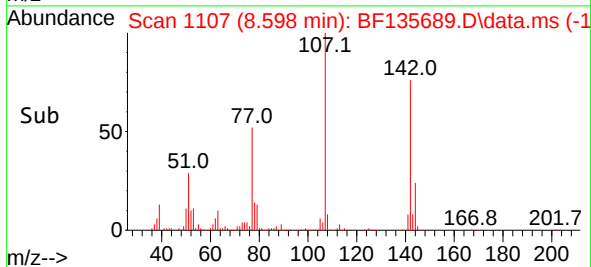
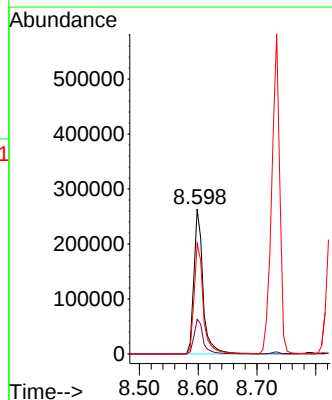
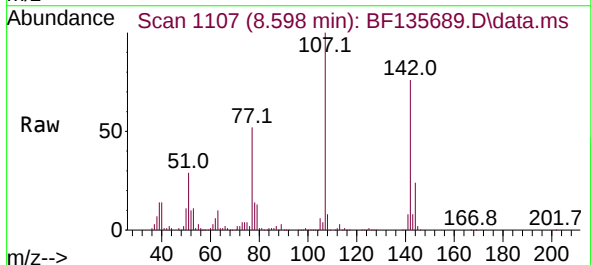
Instrument :
 BNA_F
 ClientSampleId :
 PB155881BS

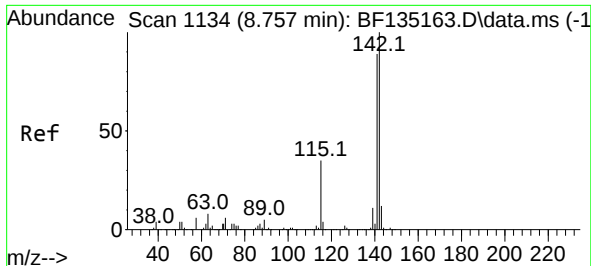
Tgt Ion:113 Resp: 53504
 Ion Ratio Lower Upper
 113 100
 55 233.6 199.3 239.3
 56 171.6 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 48.678 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: BF135689.D
 Acq: 10 Oct 2023 17:27

Tgt Ion:107 Resp: 283109
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.0 28.4
 142 76.3 60.2 90.2





#37

2-Methylnaphthalene

Concen: 43.693 ng

RT: 8.734 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

Instrument :

BNA_F

ClientSampleId :

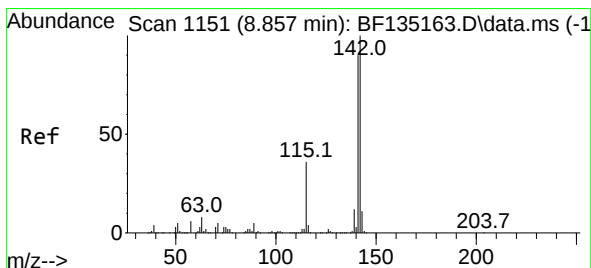
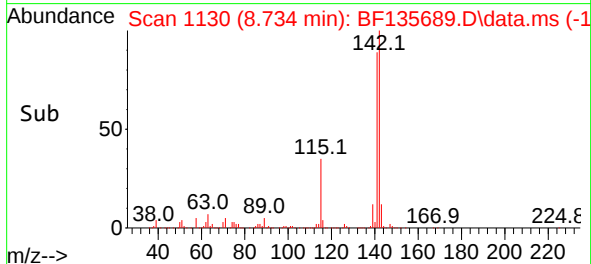
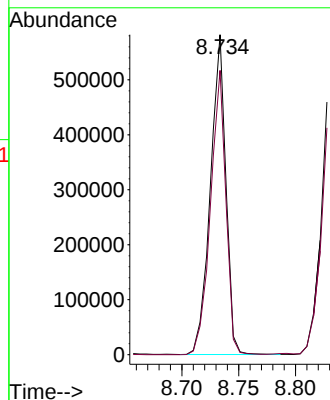
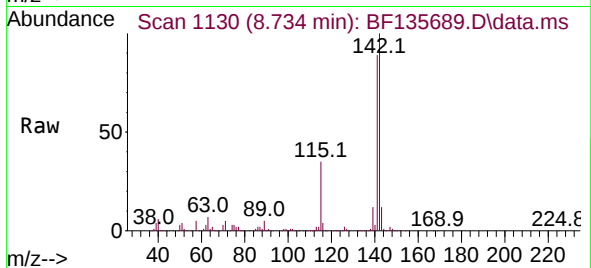
PB155881BS

Tgt Ion:142 Resp: 549084

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.6



#38

1-Methylnaphthalene

Concen: 45.056 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF135689.D

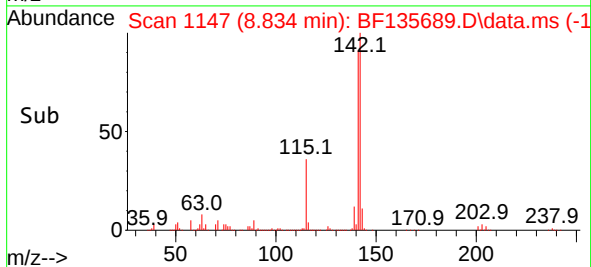
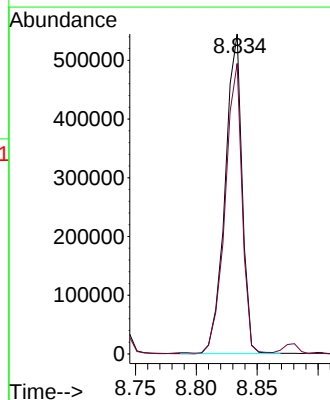
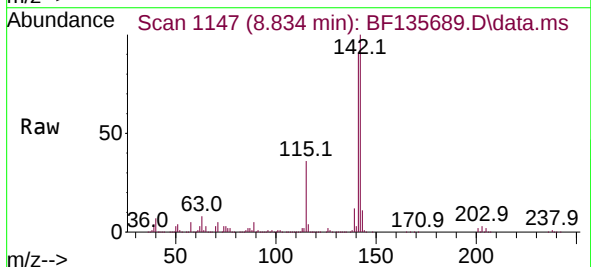
Acq: 10 Oct 2023 17:27

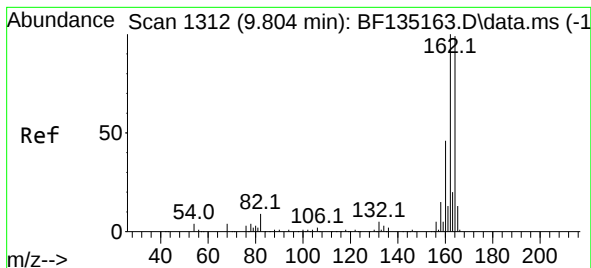
Tgt Ion:142 Resp: 530119

Ion Ratio Lower Upper

142 100

141 90.8 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1158

Delta R.T. -0.006 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

Instrument :

BNA_F

ClientSampleId :

PB155881BS

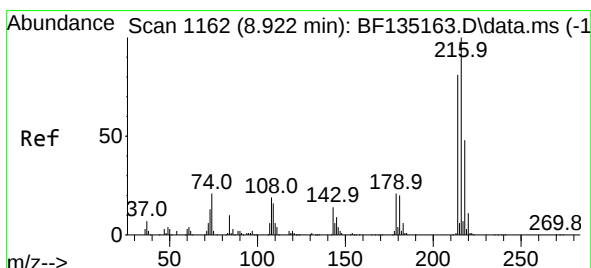
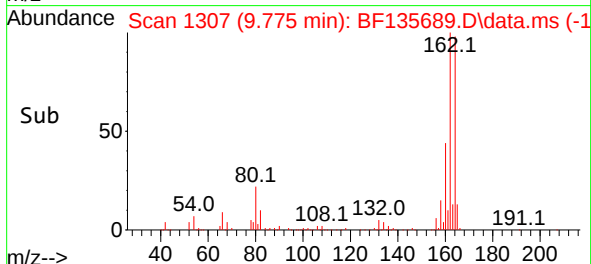
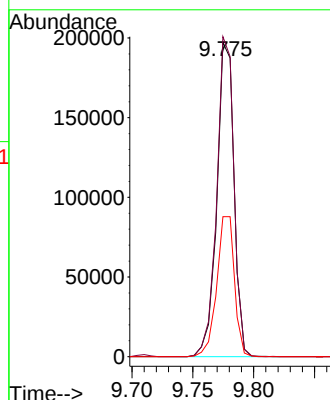
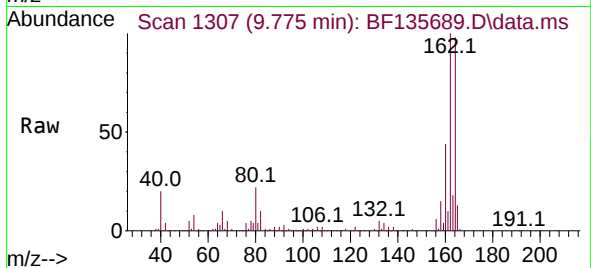
Tgt Ion:164 Resp: 193498

Ion Ratio Lower Upper

164 100

162 101.8 81.0 121.4

160 44.5 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.712 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.006 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

Tgt Ion:216 Resp: 267465

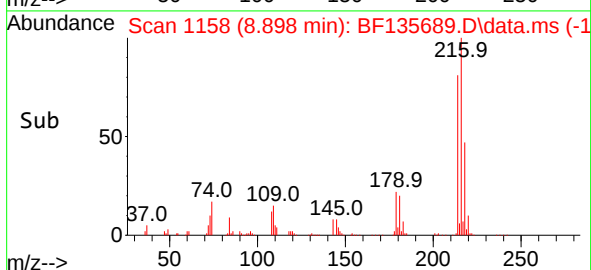
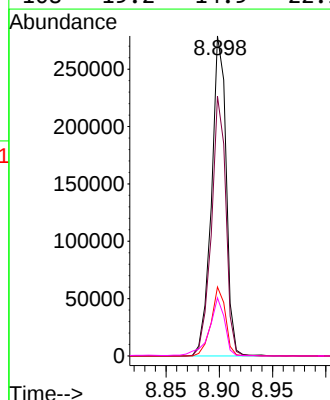
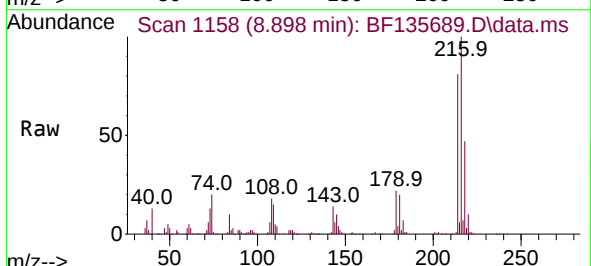
Ion Ratio Lower Upper

216 100

214 79.7 63.7 95.5

179 20.9 16.7 25.1

108 19.2 14.9 22.3

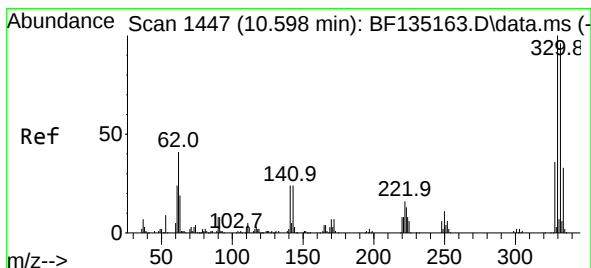
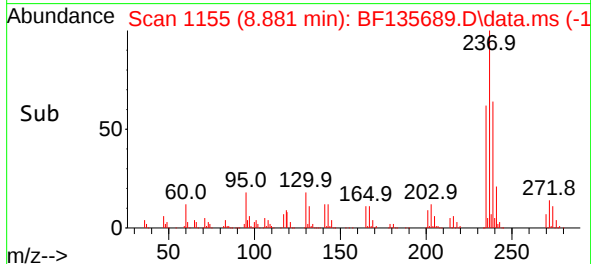
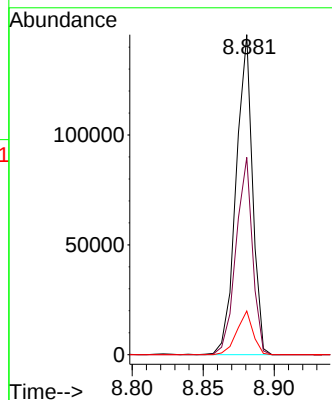
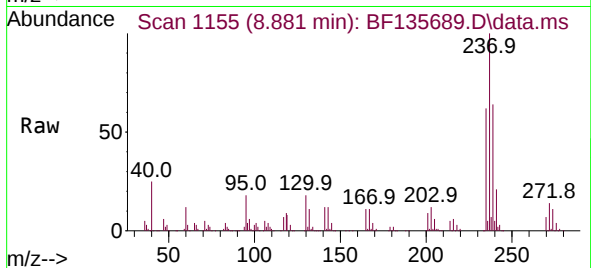




#41
Hexachlorocyclopentadiene
Concen: 50.535 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

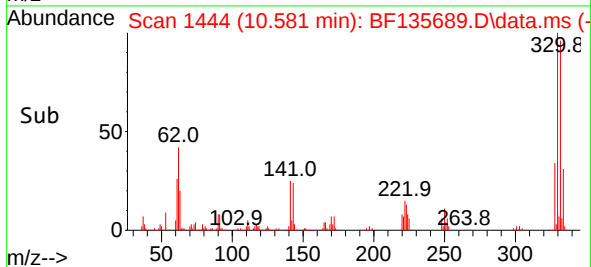
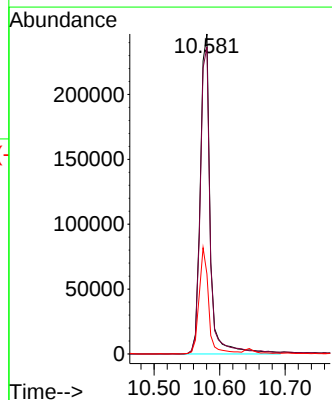
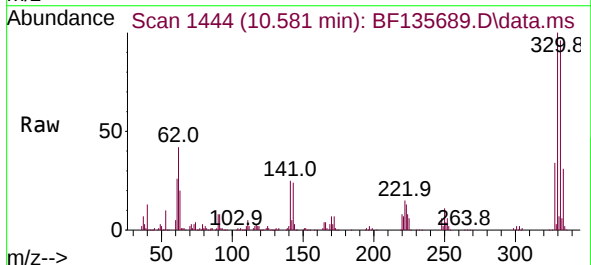
Instrument :
BNA_F
ClientSampleId :
PB155881BS

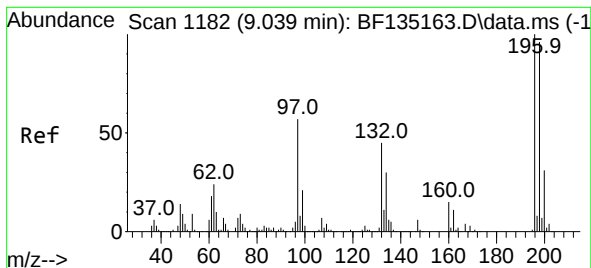
Tgt Ion:237 Resp: 117425
Ion Ratio Lower Upper
237 100
235 61.6 41.8 81.8
272 13.7 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 135.484 ng
RT: 10.581 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion:330 Resp: 260523
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 31.6 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 45.602 ng

RT: 9.022 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

Instrument :

BNA_F

ClientSampleId :

PB155881BS

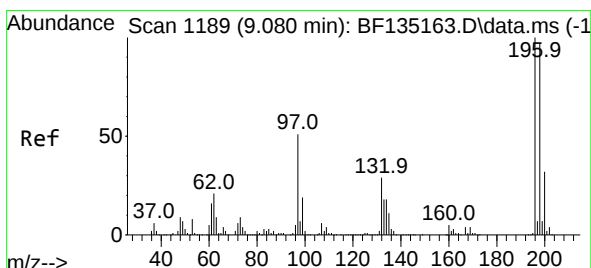
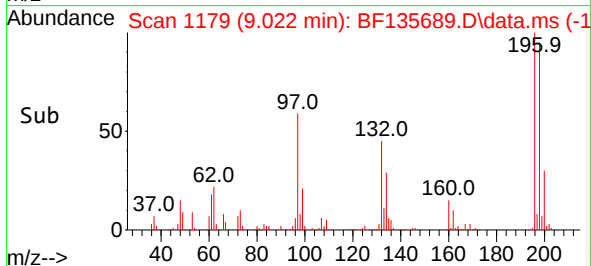
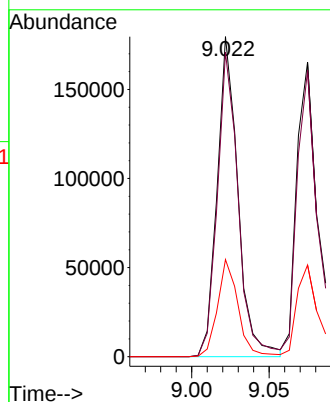
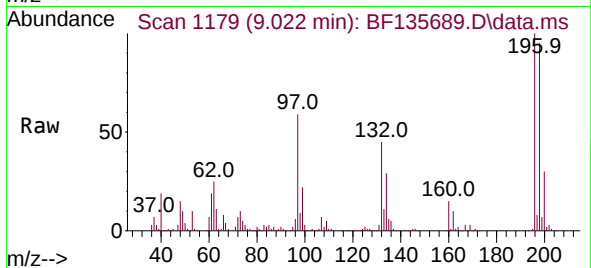
Tgt Ion:196 Resp: 167375

Ion Ratio Lower Upper

196 100

198 95.1 77.0 115.6

200 30.4 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 41.541 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

Tgt Ion:196 Resp: 175588

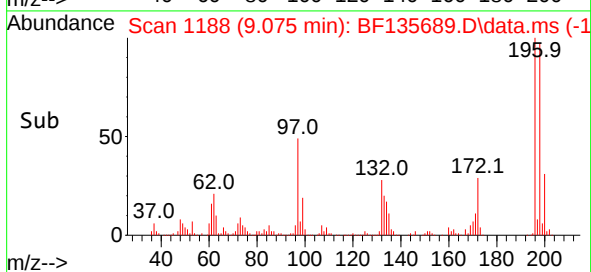
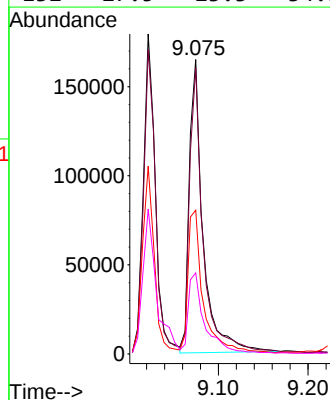
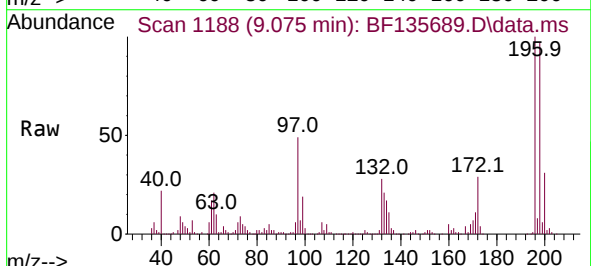
Ion Ratio Lower Upper

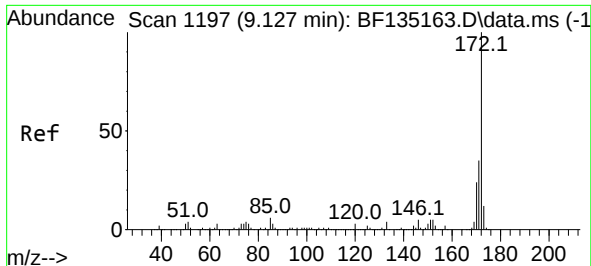
196 100

198 97.2 77.5 116.3

97 48.9 40.5 60.7

132 27.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 89.914 ng

RT: 9.098 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

Instrument :

BNA_F

ClientSampleId :

PB155881BS

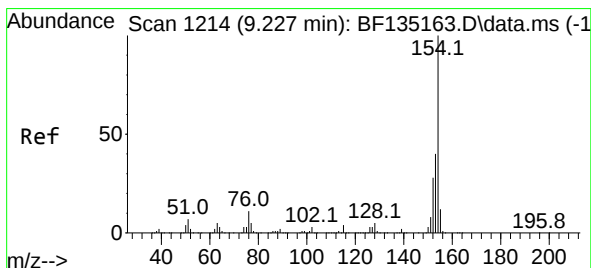
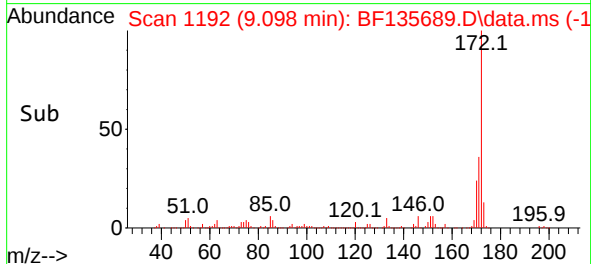
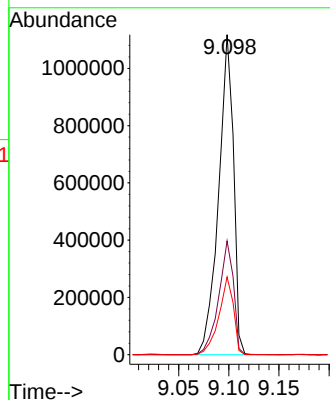
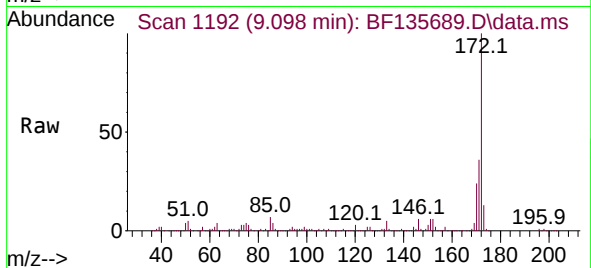
Tgt Ion:172 Resp: 1153168

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 24.3 19.0 28.4



#46

1,1'-Biphenyl

Concen: 47.042 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

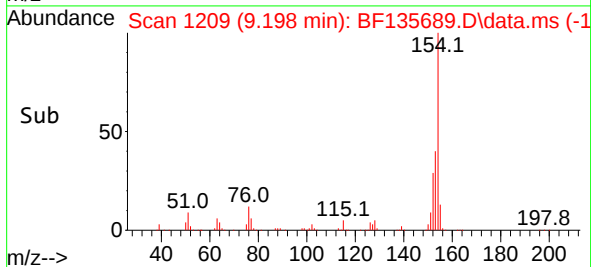
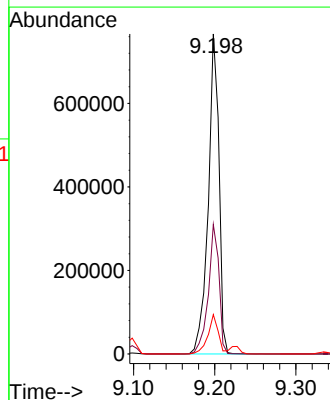
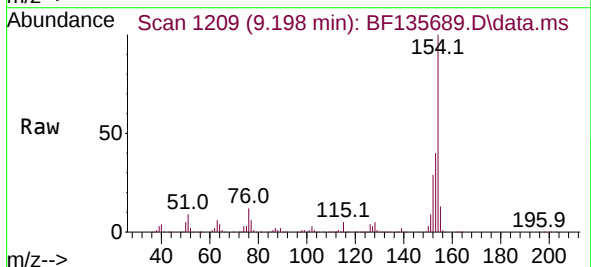
Tgt Ion:154 Resp: 699520

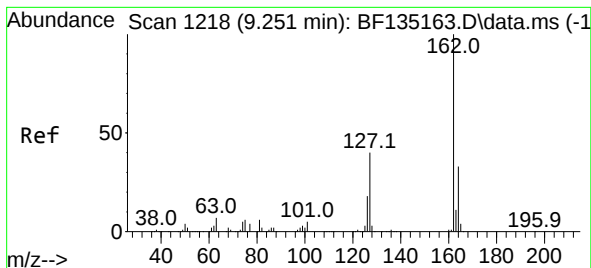
Ion Ratio Lower Upper

154 100

153 40.4 19.6 59.6

76 12.3 0.0 31.0





#47

2-Chloronaphthalene

Concen: 48.972 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

Instrument :

BNA_F

ClientSampleId :

PB155881BS

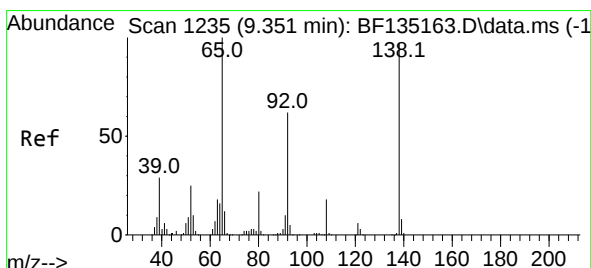
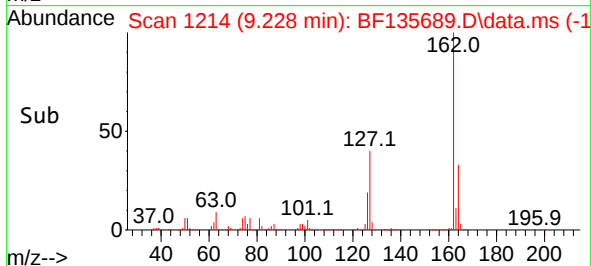
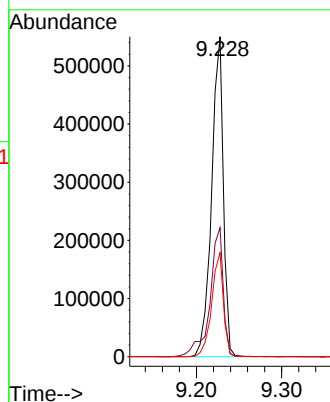
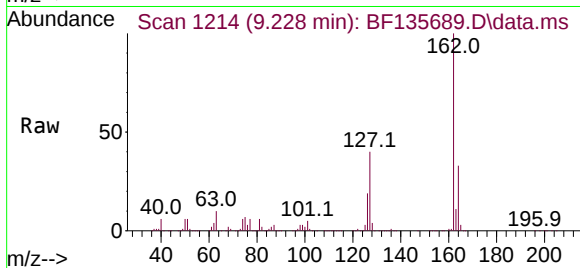
Tgt Ion:162 Resp: 528367

Ion Ratio Lower Upper

162 100

127 40.3 32.6 48.8

164 32.5 26.2 39.2



#48

2-Nitroaniline

Concen: 47.772 ng

RT: 9.334 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

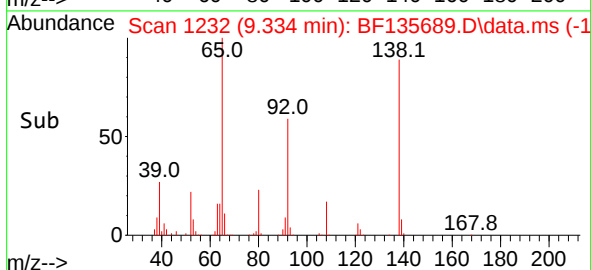
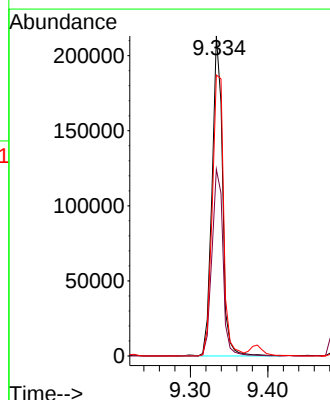
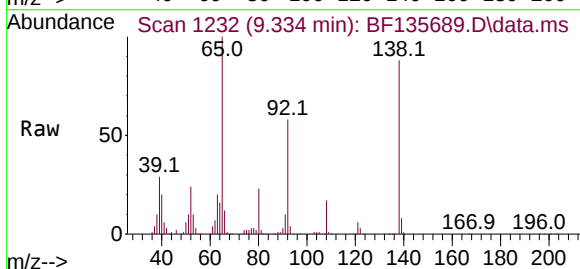
Tgt Ion: 65 Resp: 200238

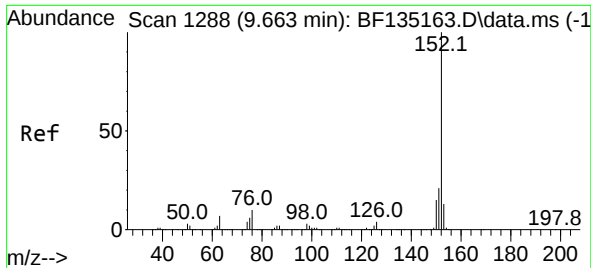
Ion Ratio Lower Upper

65 100

92 58.4 49.4 74.0

138 87.8 77.4 116.0

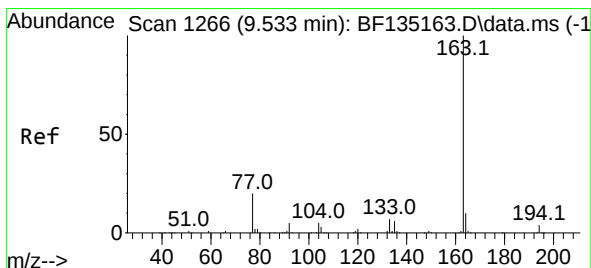
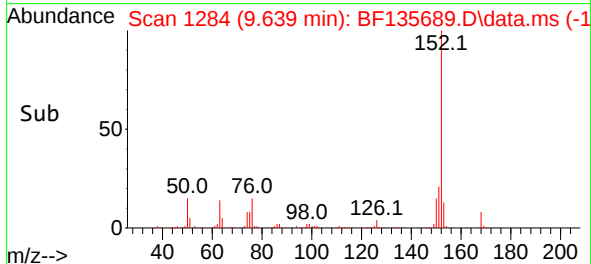
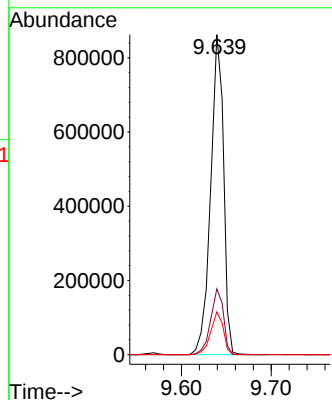
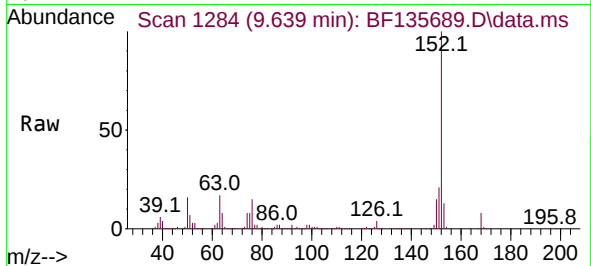




#49
Acenaphthylene
Concen: 48.044 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

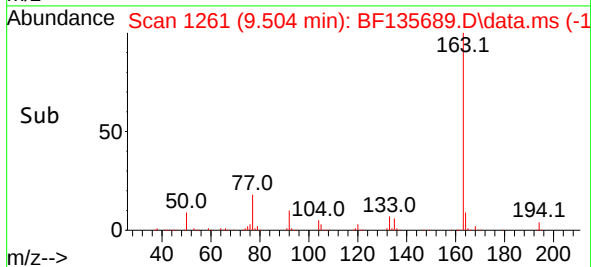
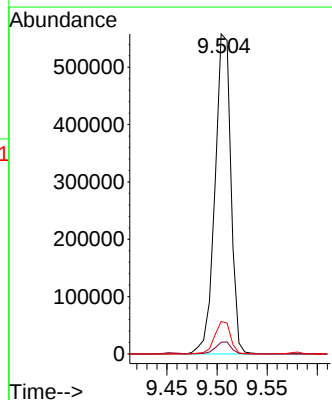
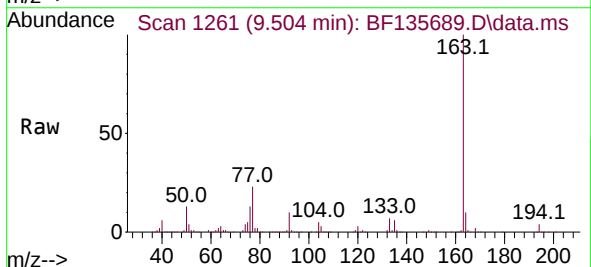
Instrument :
BNA_F
ClientSampleId :
PB155881BS

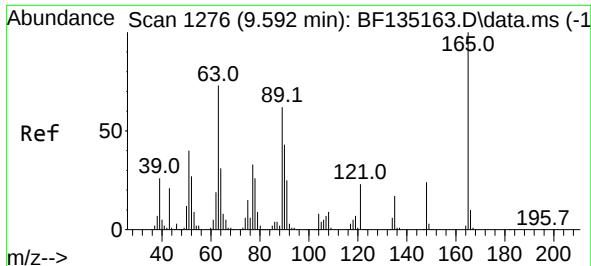
Tgt Ion:152 Resp: 861456
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.4 10.4 15.6



#50
Dimethylphthalate
Concen: 47.088 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion:163 Resp: 616025
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.1 8.1 12.1

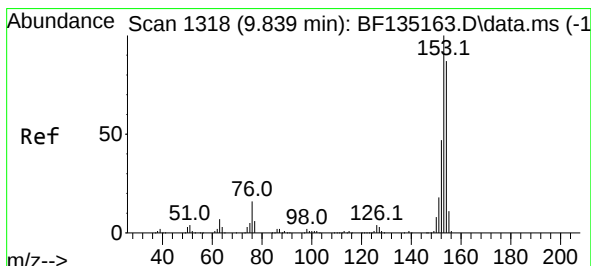
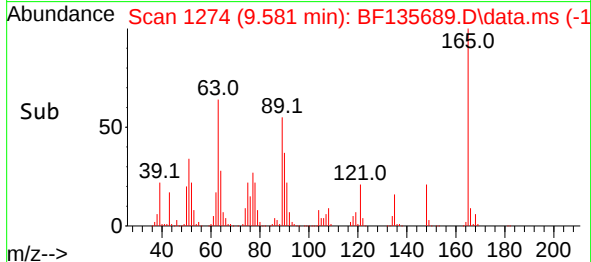
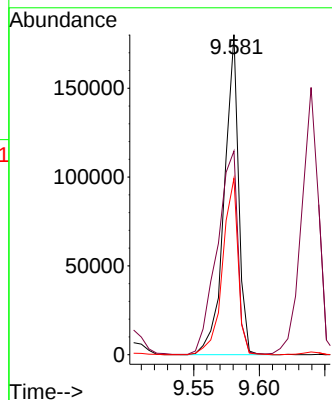
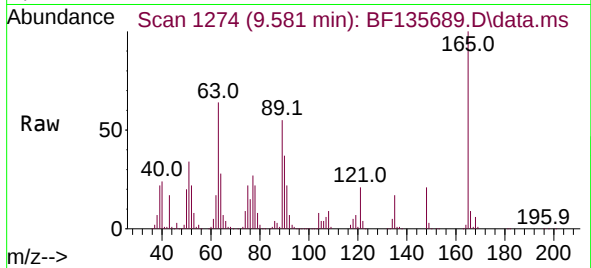




#51
2,6-Dinitrotoluene
Concen: 47.687 ng
RT: 9.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

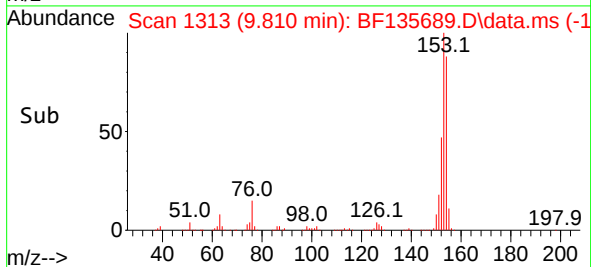
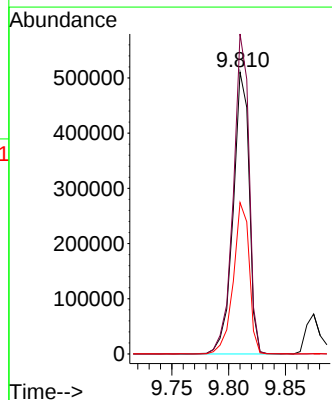
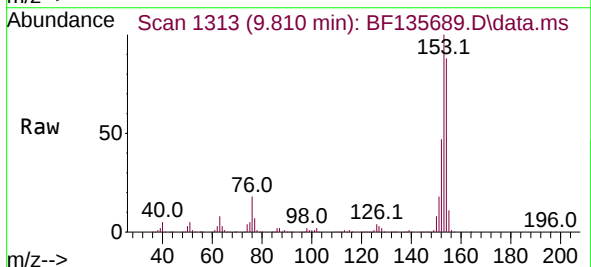
Instrument :
BNA_F
ClientSampleId :
PB155881BS

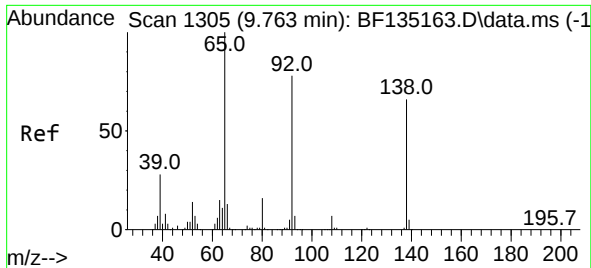
Tgt Ion:165 Resp: 136668
Ion Ratio Lower Upper
165 100
63 63.7 59.4 89.2
89 55.1 49.8 74.8



#52
Acenaphthene
Concen: 47.286 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion:154 Resp: 500874
Ion Ratio Lower Upper
154 100
153 113.6 92.1 138.1
152 53.7 43.1 64.7

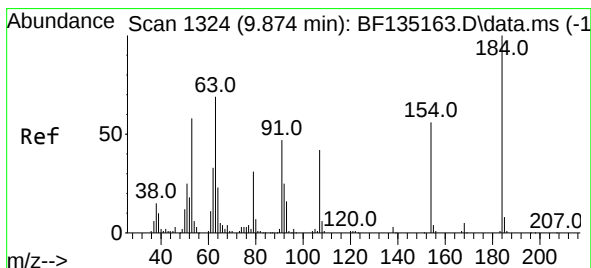
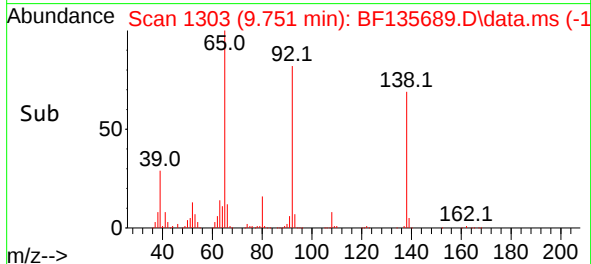
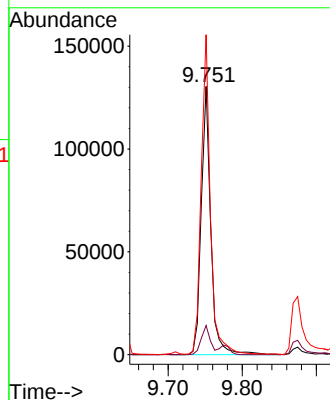
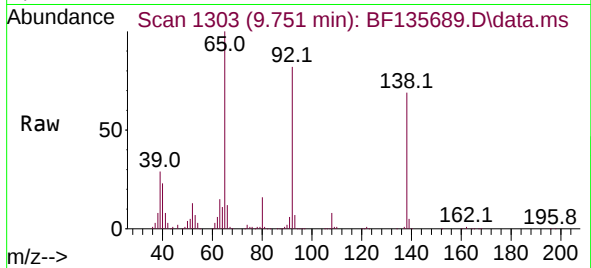




#53
3-Nitroaniline
Concen: 34.557 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

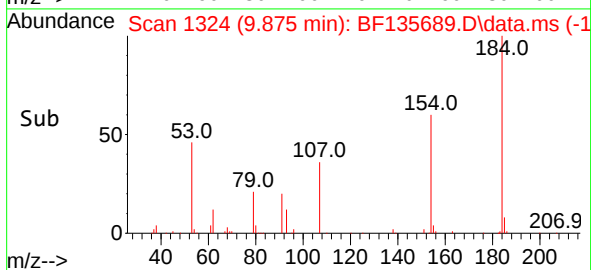
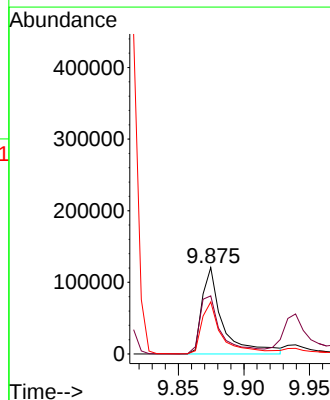
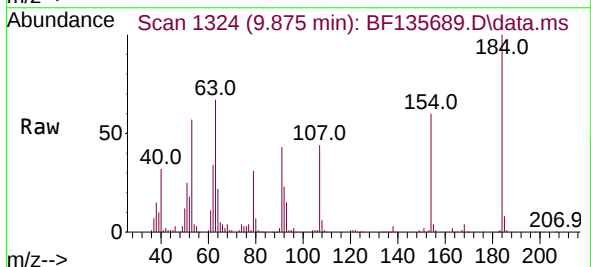
Instrument :
BNA_F
ClientSampleId :
PB155881BS

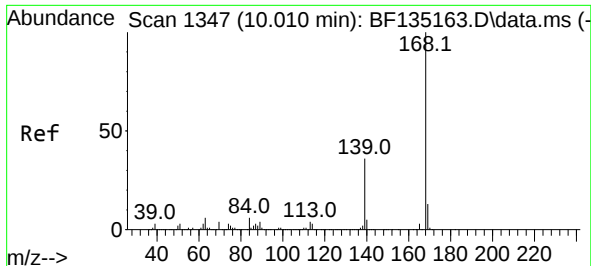
Tgt Ion:138 Resp: 116255
Ion Ratio Lower Upper
138 100
108 10.9 8.5 12.7
92 119.3 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 81.390 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion:184 Resp: 132611
Ion Ratio Lower Upper
184 100
63 67.3 55.1 82.7
154 60.1 48.4 72.6

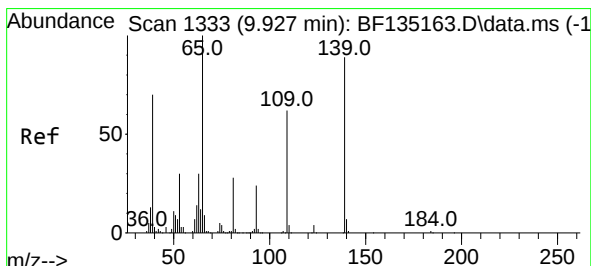
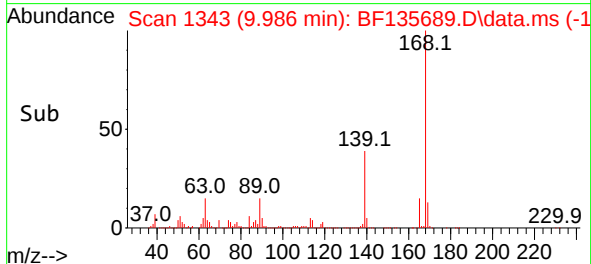
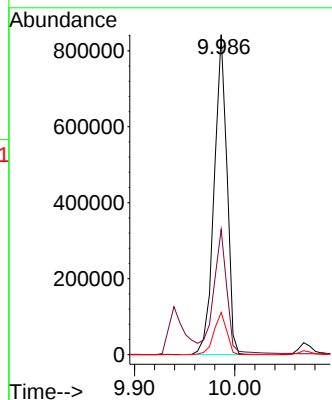
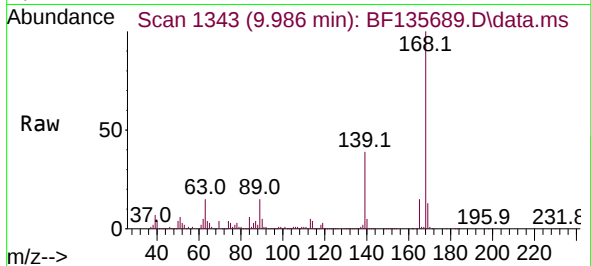




#55
Dibenzenofuran
Concen: 46.053 ng
RT: 9.986 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

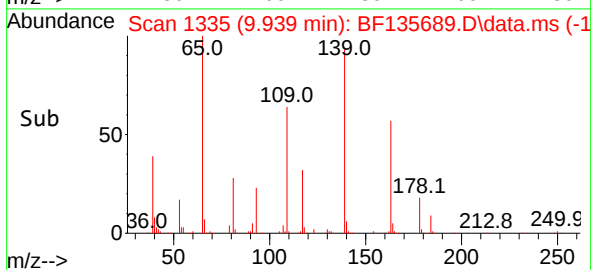
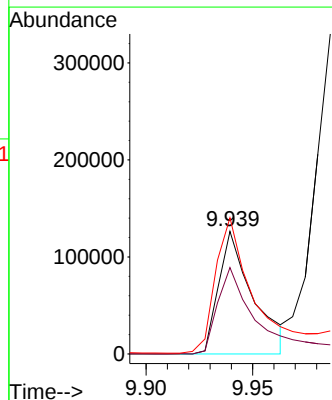
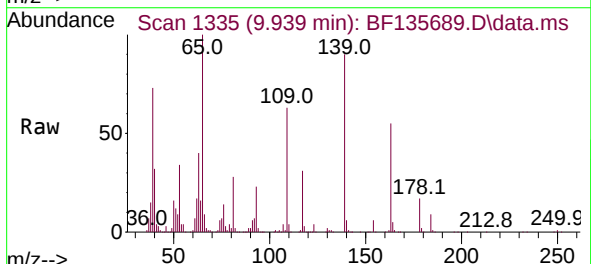
Instrument :
BNA_F
ClientSampleId :
PB155881BS

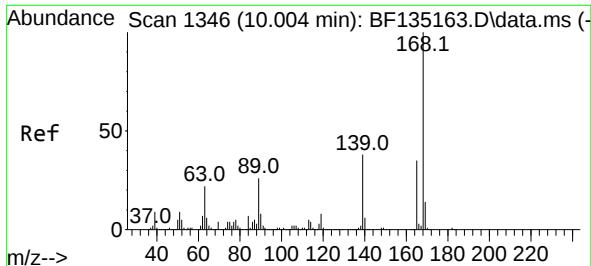
Tgt Ion:168 Resp: 744399
Ion Ratio Lower Upper
168 100
139 39.2 29.0 43.6
169 13.2 10.4 15.6



#56
4-Nitrophenol
Concen: 65.989 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion:139 Resp: 141089
Ion Ratio Lower Upper
139 100
109 70.4 49.8 89.8
65 111.1 92.7 132.7

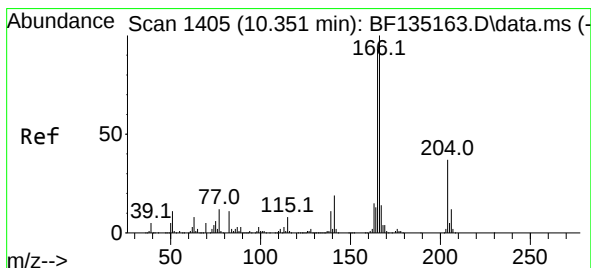
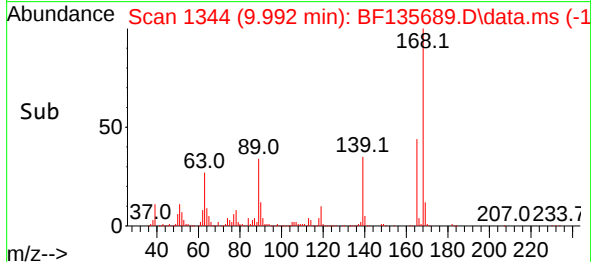
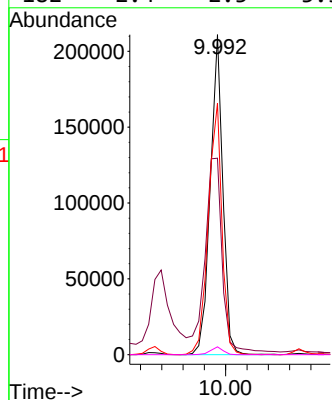
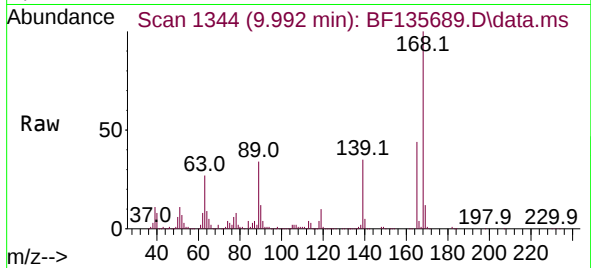




#57
2,4-Dinitrotoluene
Concen: 48.403 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

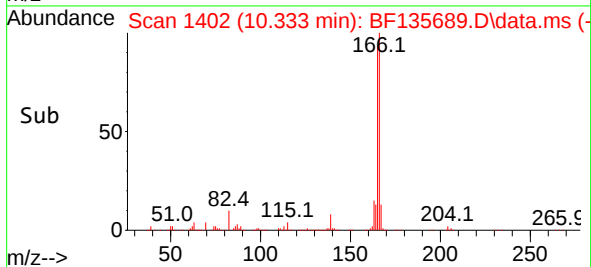
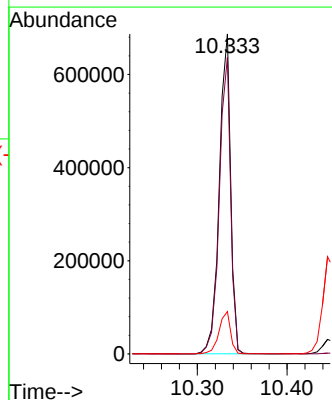
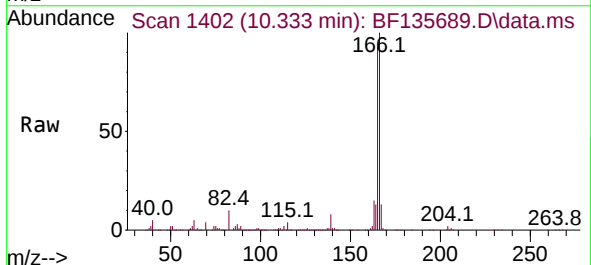
Instrument :
BNA_F
ClientSampleId :
PB155881BS

Tgt Ion:165 Resp: 173664
Ion Ratio Lower Upper
165 100
63 61.4 50.1 75.1
89 78.6 59.3 88.9
182 2.4 2.3 3.5



#58
Fluorene
Concen: 48.483 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion:166 Resp: 602460
Ion Ratio Lower Upper
166 100
165 92.7 74.3 111.5
167 13.3 10.9 16.3

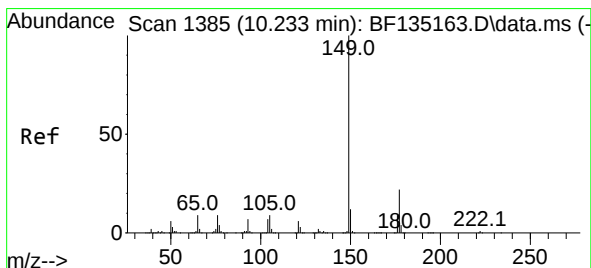
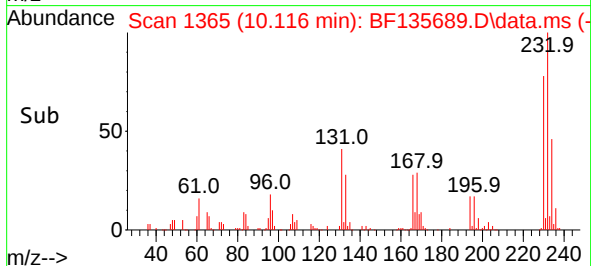
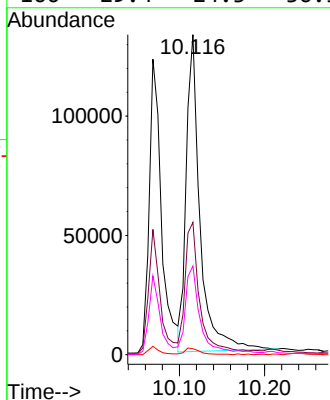
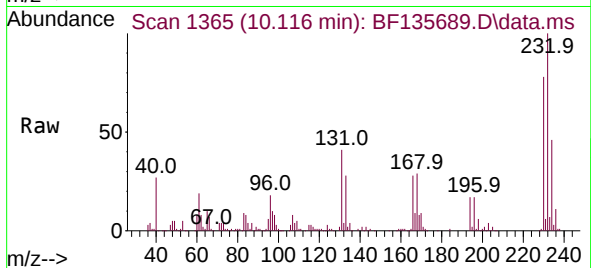




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.983 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

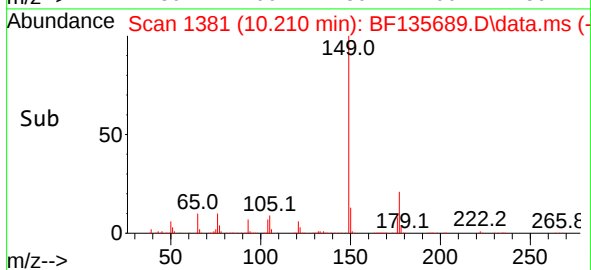
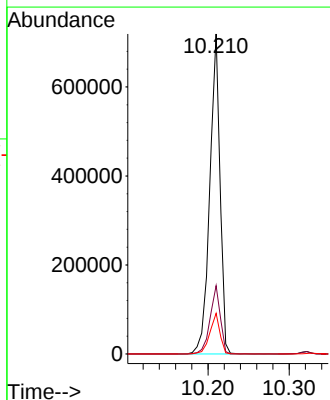
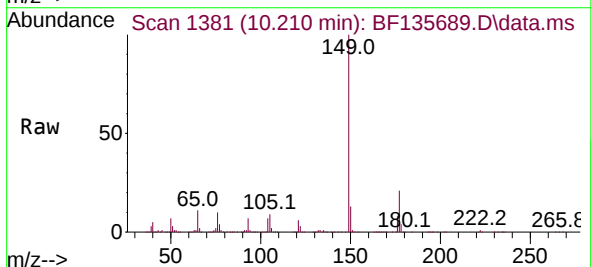
Instrument :
BNA_F
ClientSampleId :
PB155881BS

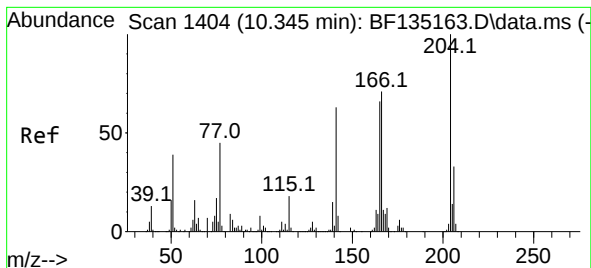
Tgt Ion:232 Resp: 149511
Ion Ratio Lower Upper
232 100
131 44.9 35.4 53.2
130 2.4 1.8 2.8
166 29.4 24.3 36.5



#60
Diethylphthalate
Concen: 47.851 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion:149 Resp: 628258
Ion Ratio Lower Upper
149 100
177 21.3 17.8 26.6
150 12.7 10.0 15.0

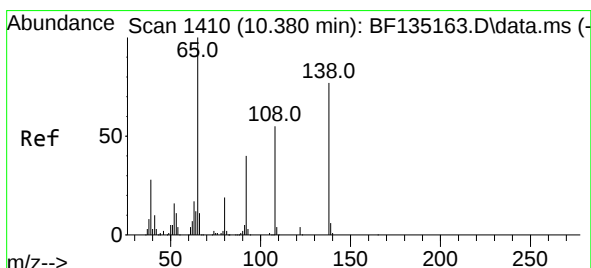
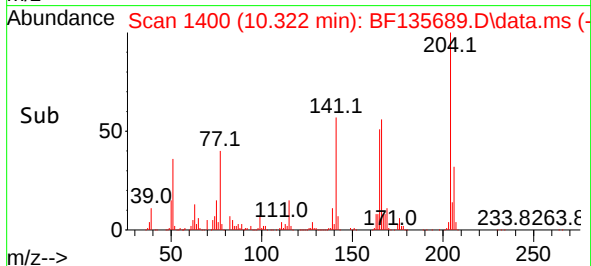
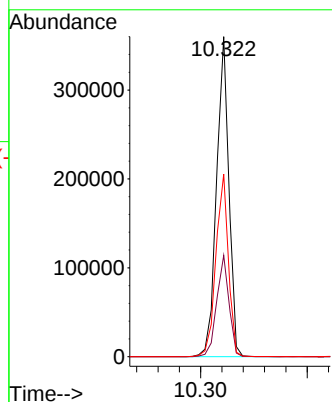
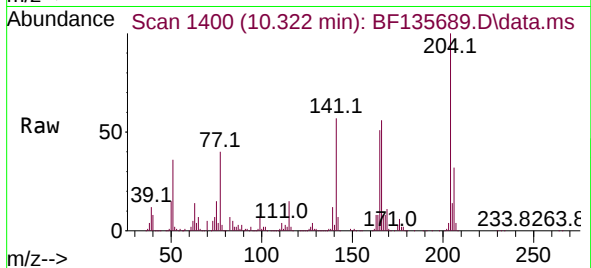




#61
4-Chlorophenyl-phenylether
Concen: 48.212 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

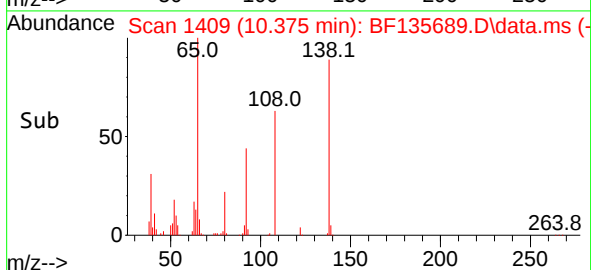
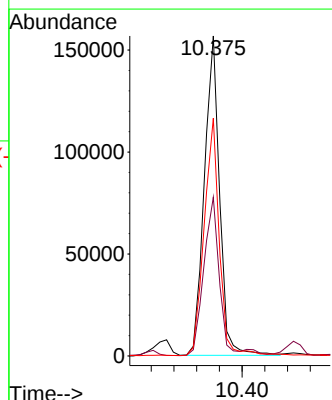
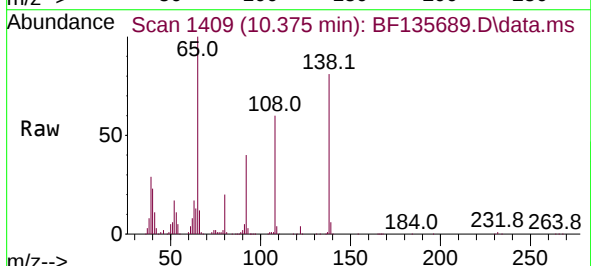
Instrument :
BNA_F
ClientSampleId :
PB155881BS

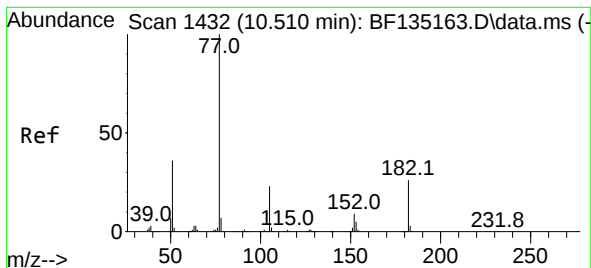
Tgt Ion:204 Resp: 287785
Ion Ratio Lower Upper
204 100
206 31.6 26.7 40.1
141 57.1 50.6 75.8



#62
4-Nitroaniline
Concen: 45.003 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion:138 Resp: 145528
Ion Ratio Lower Upper
138 100
92 49.6 31.8 71.8
108 74.3 52.0 92.0





#63

Azobenzene

Concen: 47.656 ng

RT: 10.486 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

Instrument :

BNA_F

ClientSampleId :

PB155881BS

Tgt Ion: 77 Resp: 612364

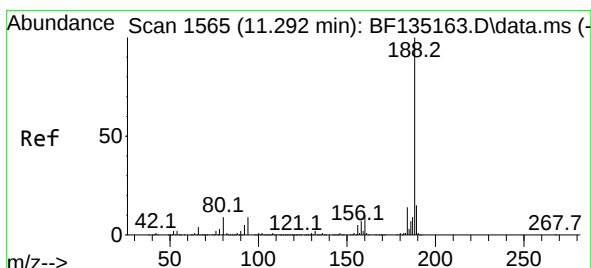
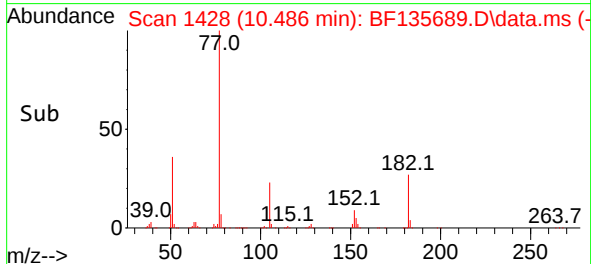
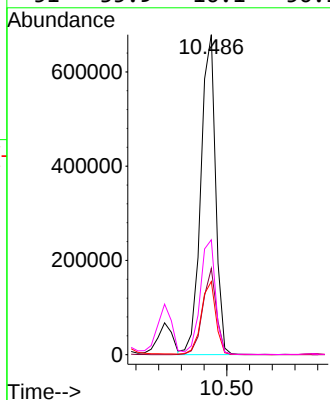
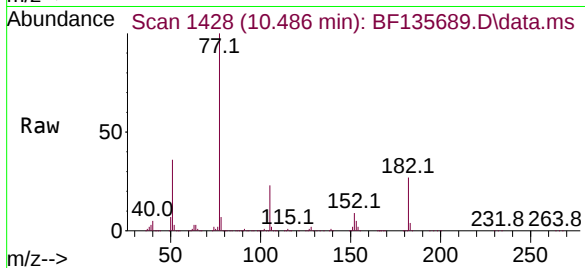
Ion Ratio Lower Upper

77 100

182 27.0 6.4 46.4

105 22.8 3.1 43.1

51 35.9 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 1562

Delta R.T. 0.000 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

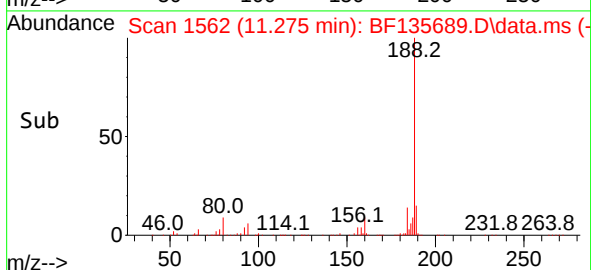
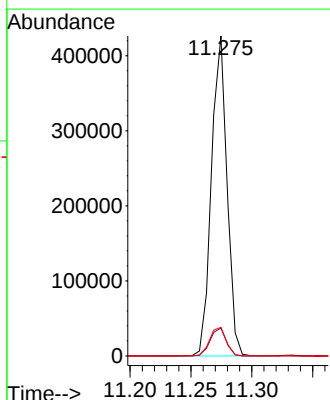
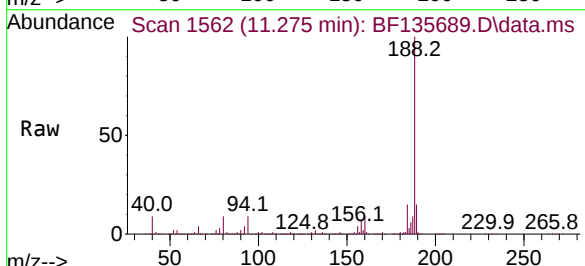
Tgt Ion: 188 Resp: 378671

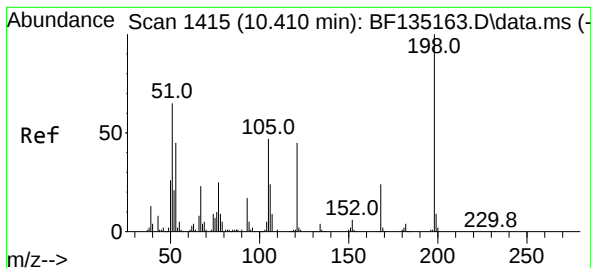
Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

80 9.0 7.5 11.3

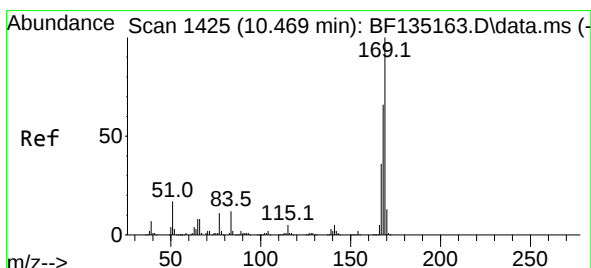
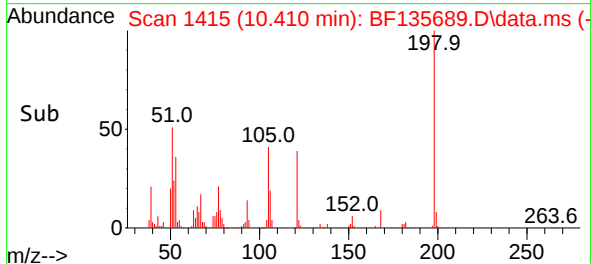
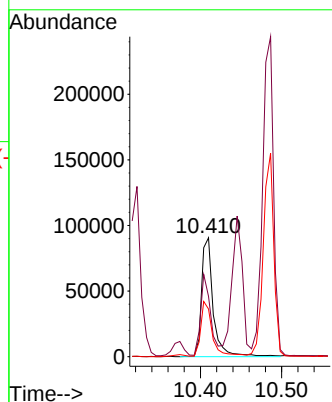
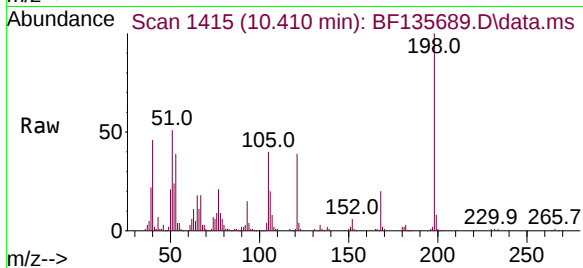




#65
4,6-Dinitro-2-methylphenol
Concen: 45.137 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

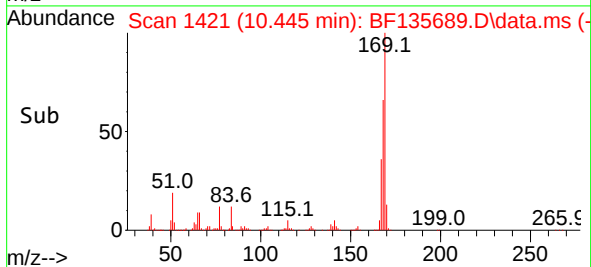
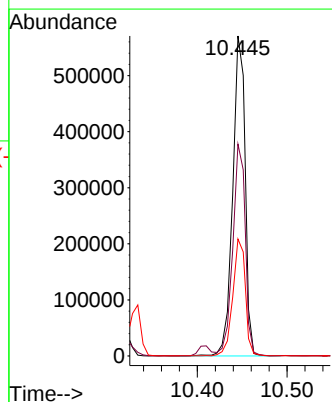
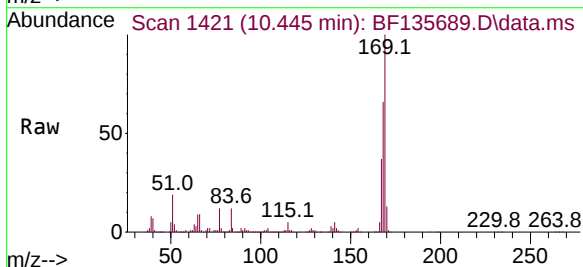
Instrument :
BNA_F
ClientSampleId :
PB155881BS

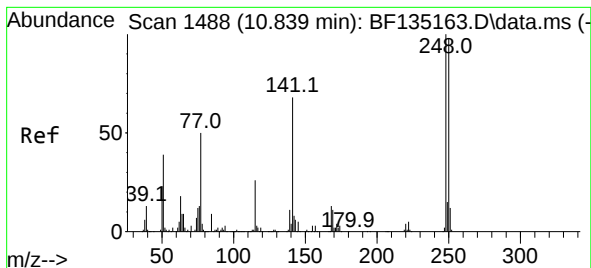
Tgt Ion:198 Resp: 90781
Ion Ratio Lower Upper
198 100
51 50.7 47.7 87.7
105 40.1 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 47.957 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion:169 Resp: 549785
Ion Ratio Lower Upper
169 100
168 66.2 52.8 79.2
167 36.6 29.0 43.6

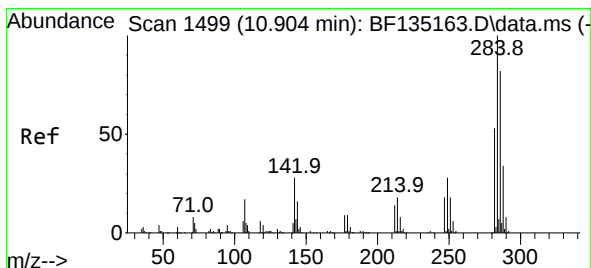
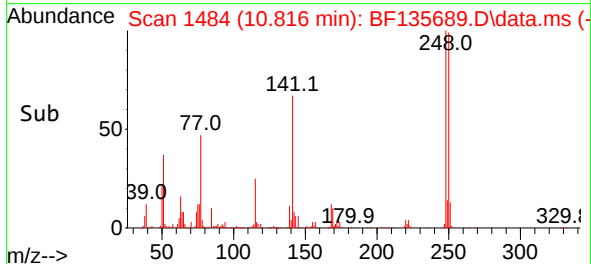
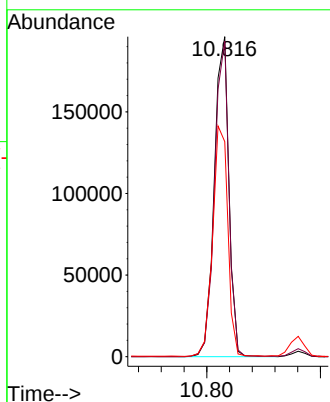
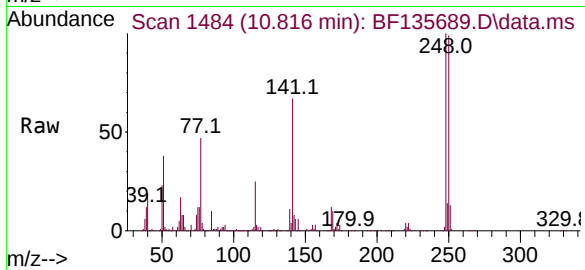




#67
4-Bromophenyl-phenylether
Concen: 46.426 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

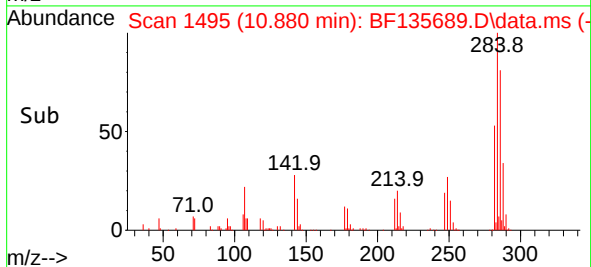
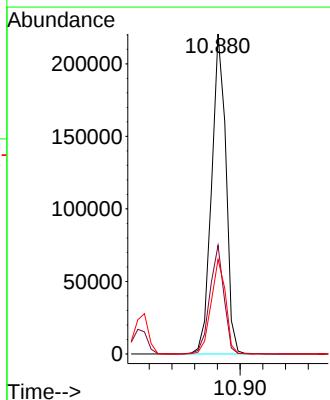
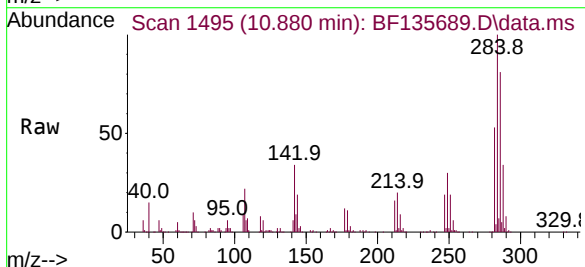
Instrument :
BNA_F
ClientSampleId :
PB155881BS

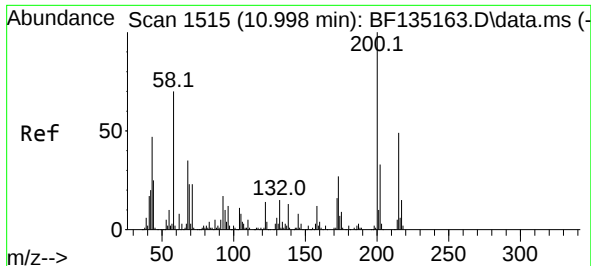
Tgt Ion:248 Resp: 174846
Ion Ratio Lower Upper
248 100
250 98.7 78.6 117.8
141 67.2 54.2 81.2



#68
Hexachlorobenzene
Concen: 50.216 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion:284 Resp: 192673
Ion Ratio Lower Upper
284 100
142 33.9 22.2 33.4#
249 29.6 22.5 33.7

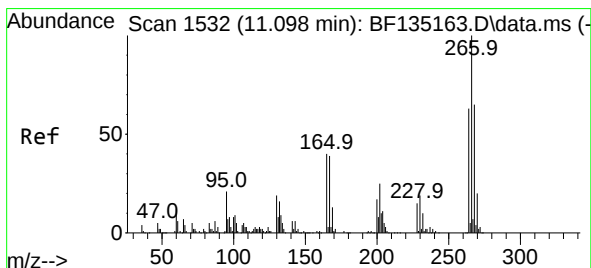
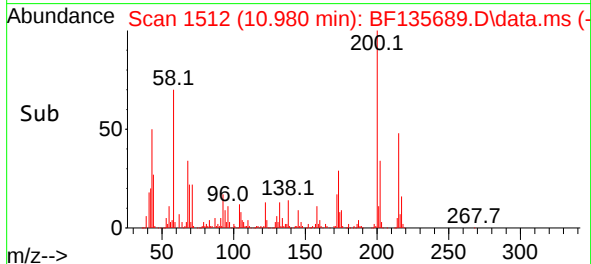
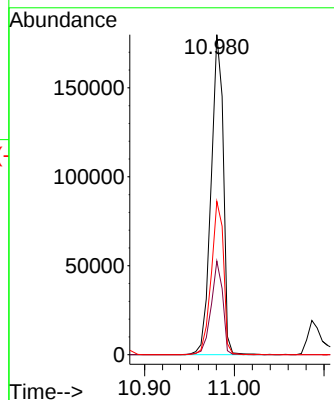
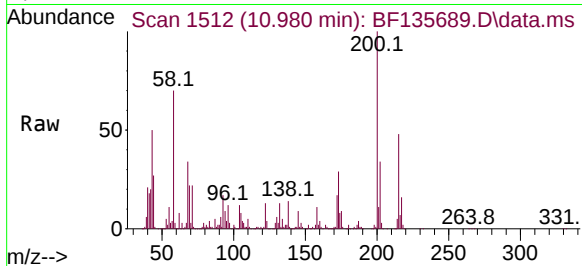




#69
 Atrazine
 Concen: 54.876 ng
 RT: 10.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF135689.D
 Acq: 10 Oct 2023 17:27

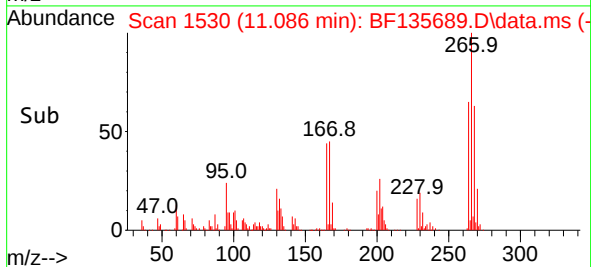
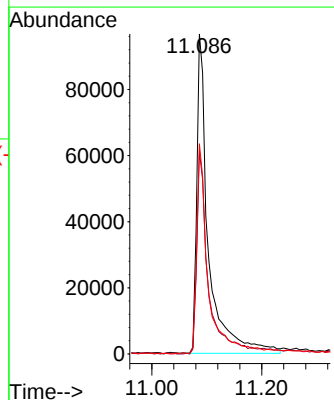
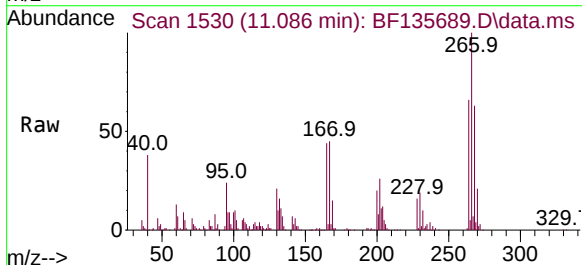
Instrument :
 BNA_F
 ClientSampleId :
 PB155881BS

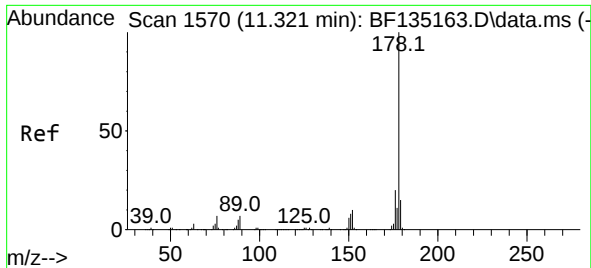
Tgt Ion:200 Resp: 169276
 Ion Ratio Lower Upper
 200 100
 173 29.2 7.4 47.4
 215 47.9 28.6 68.6



#70
 Pentachlorophenol
 Concen: 62.090 ng
 RT: 11.086 min Scan# 1530
 Delta R.T. 0.000 min
 Lab File: BF135689.D
 Acq: 10 Oct 2023 17:27

Tgt Ion:266 Resp: 142533
 Ion Ratio Lower Upper
 266 100
 268 63.3 52.1 78.1
 264 65.7 50.8 76.2

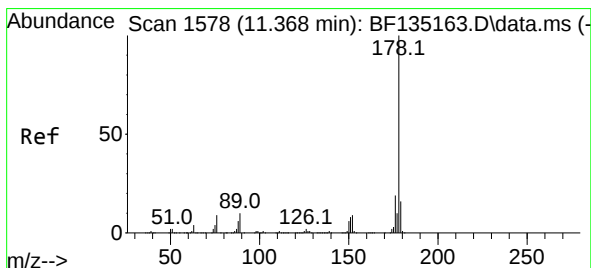
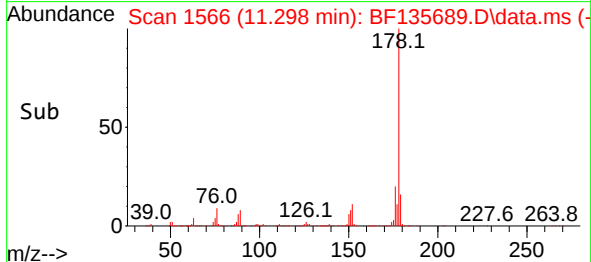
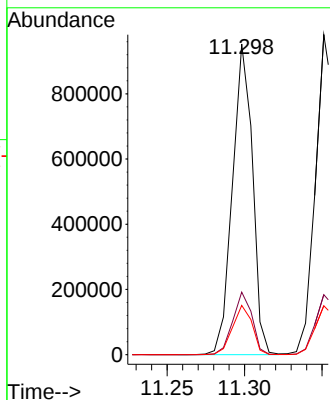
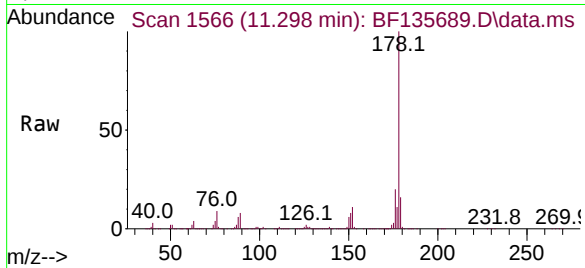




#71
Phenanthrene
Concen: 47.794 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

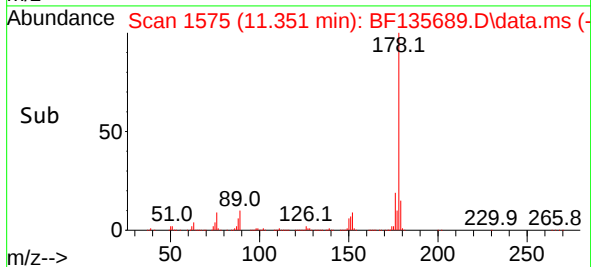
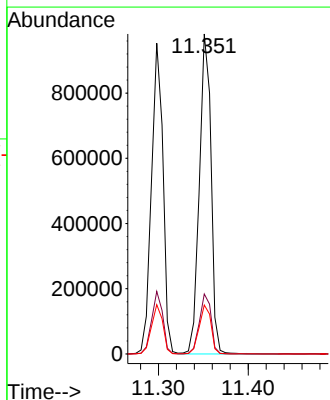
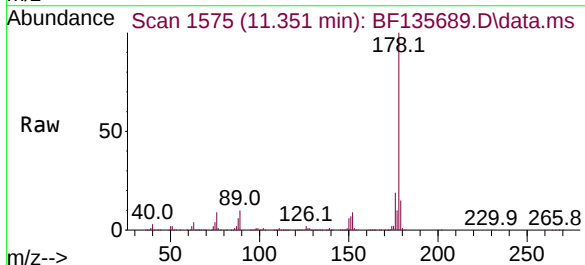
Instrument :
BNA_F
ClientSampleId :
PB155881BS

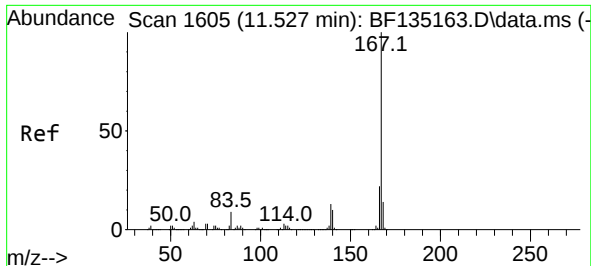
Tgt Ion:178 Resp: 855968
Ion Ratio Lower Upper
178 100
176 20.1 15.6 23.4
179 15.9 12.0 18.0



#72
Anthracene
Concen: 48.179 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion:178 Resp: 886927
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.3 12.6 19.0

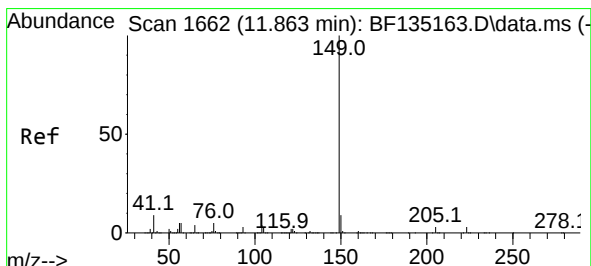
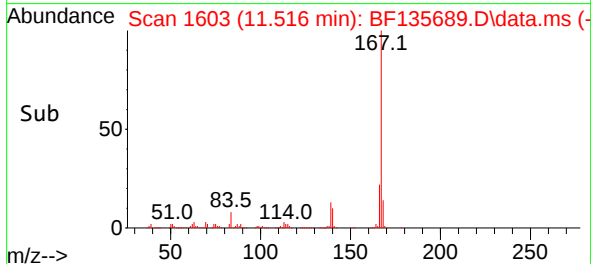
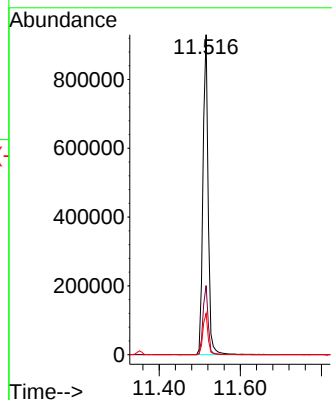
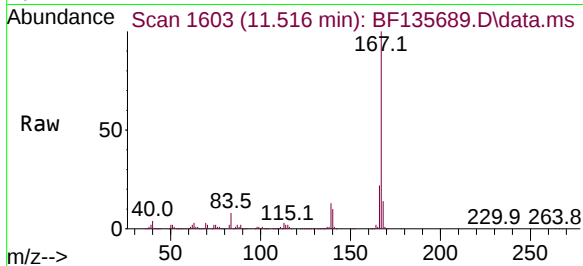




#73
 Carbazole
 Concen: 49.400 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. 0.000 min
 Lab File: BF135689.D
 Acq: 10 Oct 2023 17:27

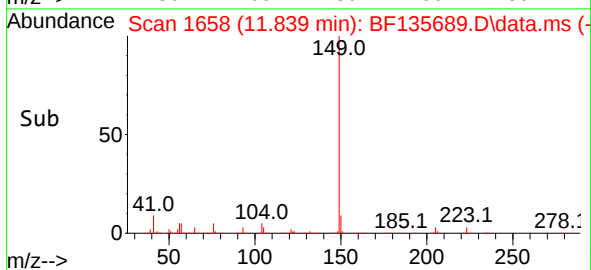
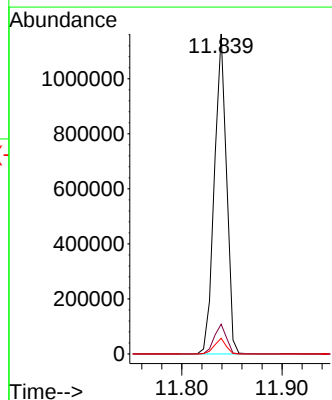
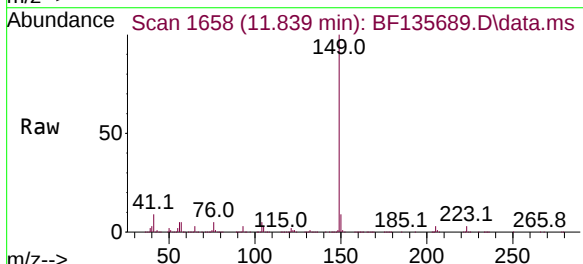
Instrument :
 BNA_F
 ClientSampleId :
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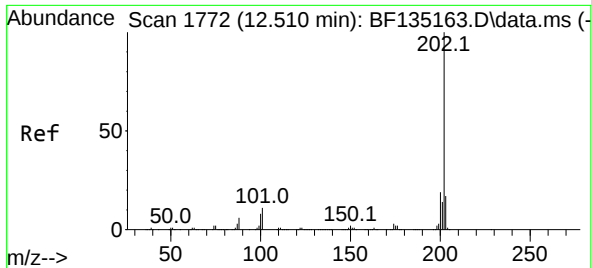
Tgt Ion:167 Resp: 827852
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 12.9 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 49.515 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: BF135689.D
 Acq: 10 Oct 2023 17:27

Tgt Ion:149 Resp: 977770
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.9 3.6 5.4

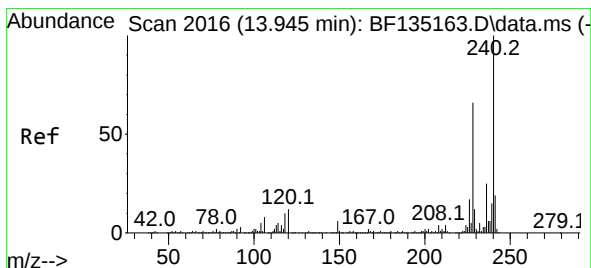
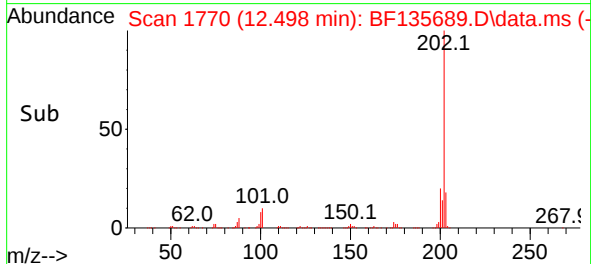
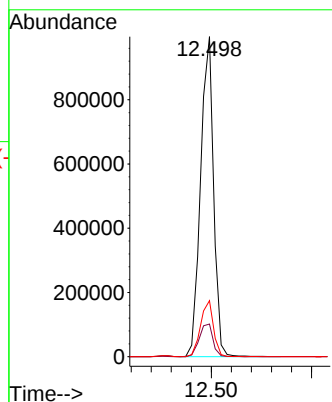
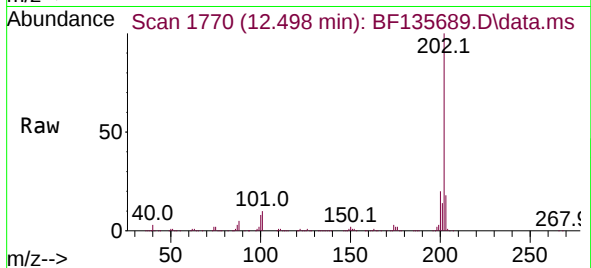




#75
Fluoranthene
Concen: 48.274 ng
RT: 12.498 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

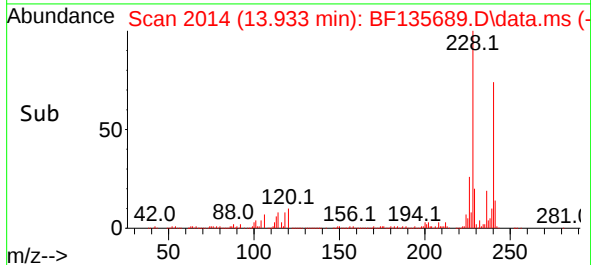
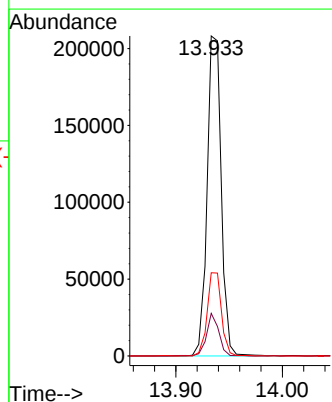
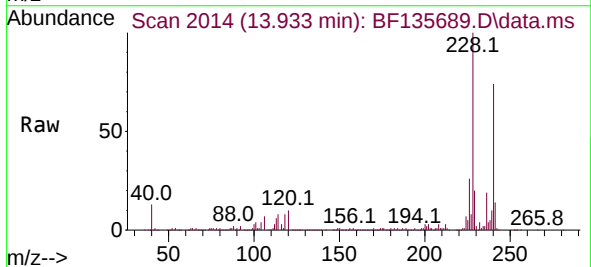
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BNA_F
ClientSampleId :
PB155881BS

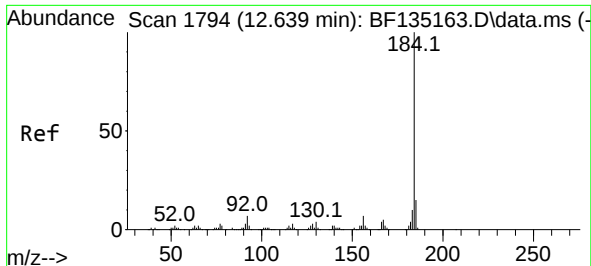
Tgt Ion:202 Resp: 900860
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.3
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion:240 Resp: 192260
Ion Ratio Lower Upper
240 100
120 13.3 9.4 14.2
236 26.0 19.8 29.8

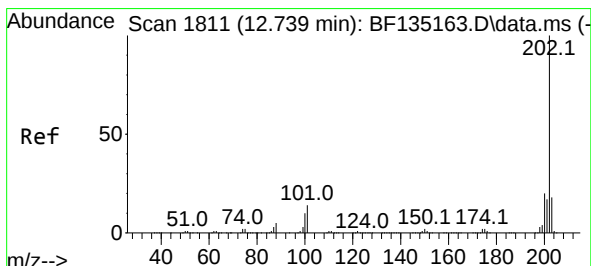
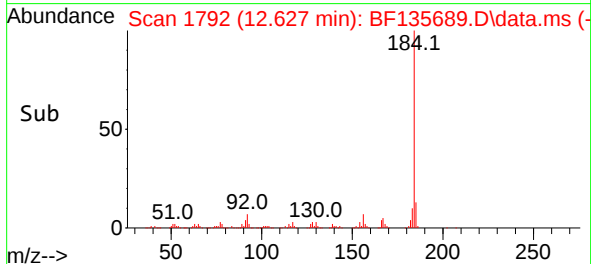
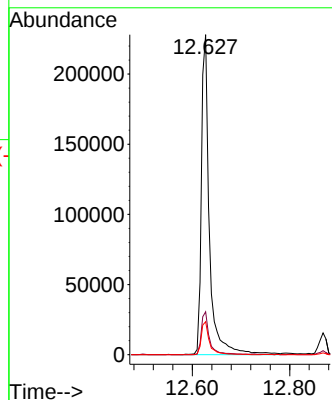
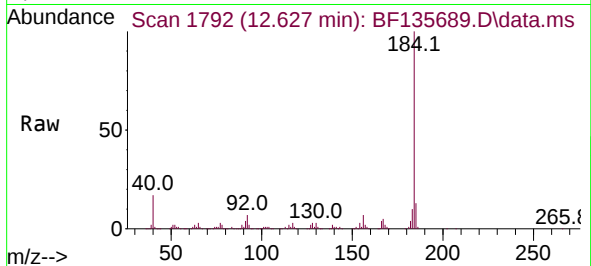




#77
Benzidine
Concen: 66.571 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

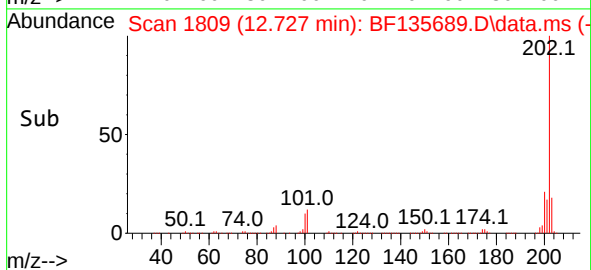
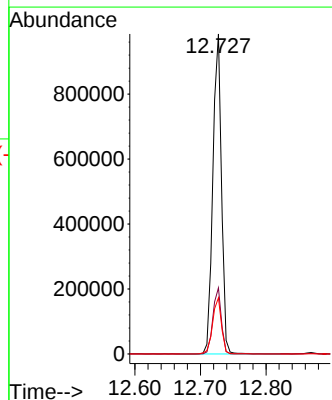
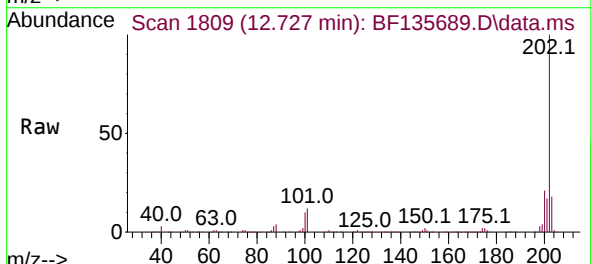
Instrument :
BNA_F
ClientSampleId :
PB155881BS

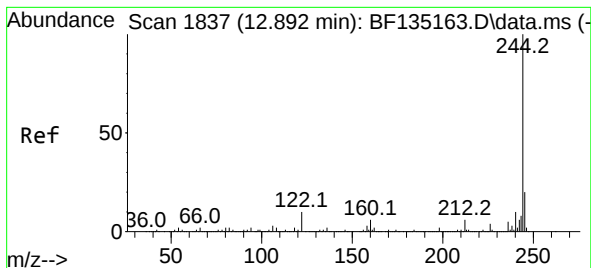
Tgt Ion:184 Resp: 262209
Ion Ratio Lower Upper
184 100
185 13.4 11.7 17.5
183 10.3 8.2 12.4



#78
Pyrene
Concen: 49.270 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion:202 Resp: 901877
Ion Ratio Lower Upper
202 100
200 20.7 16.2 24.2
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 94.933 ng

RT: 12.869 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

Instrument :

BNA_F

ClientSampleId :

PB155881BS

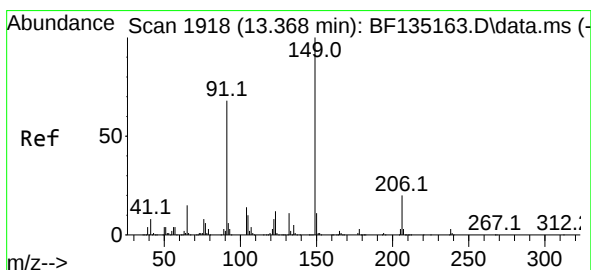
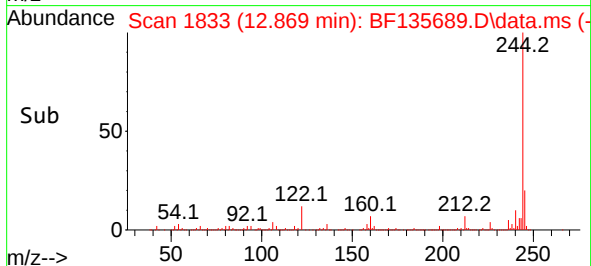
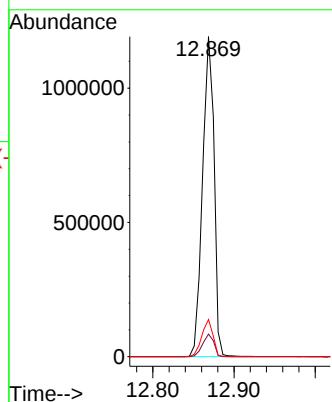
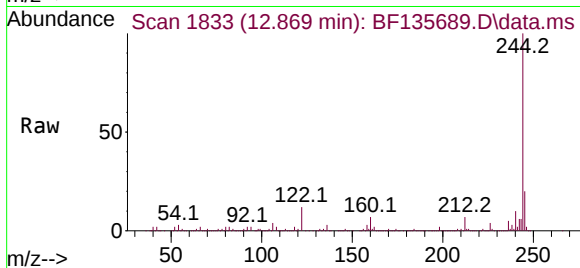
Tgt Ion:244 Resp: 1177393

Ion Ratio Lower Upper

244 100

212 7.0 5.1 7.7

122 11.6 7.9 11.9



#80

Butylbenzylphthalate

Concen: 52.877 ng

RT: 13.345 min Scan# 1914

Delta R.T. 0.000 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

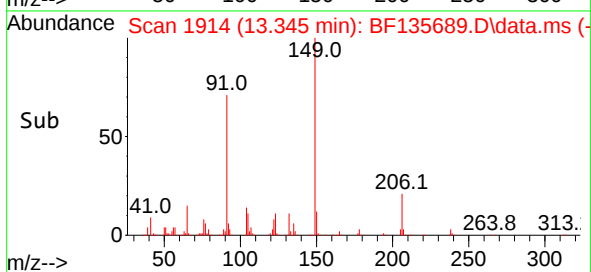
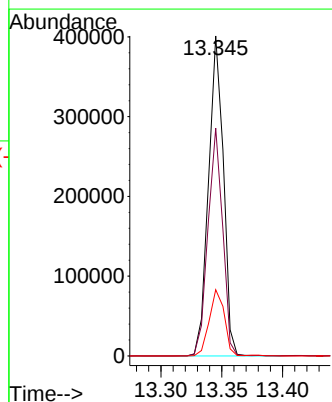
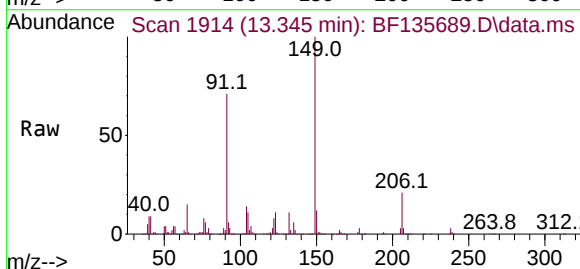
Tgt Ion:149 Resp: 340779

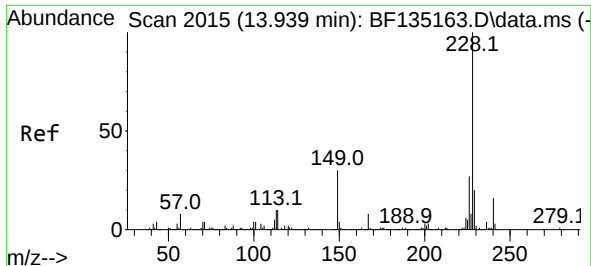
Ion Ratio Lower Upper

149 100

91 71.2 54.7 82.1

206 20.7 16.3 24.5

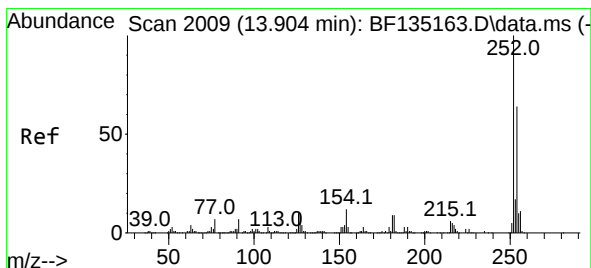
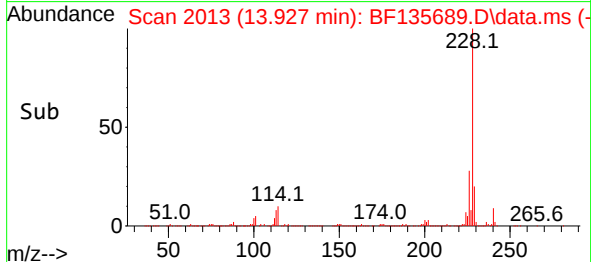
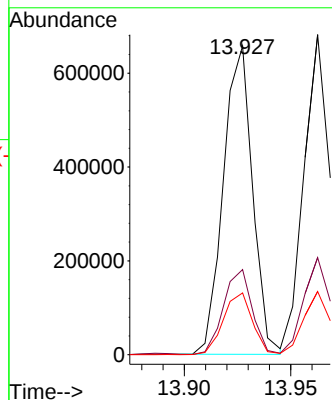
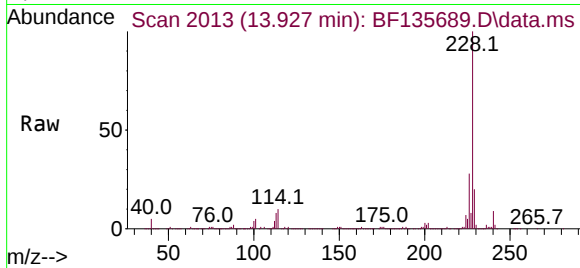




#81
Benzo(a)anthracene
Concen: 50.560 ng
RT: 13.927 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

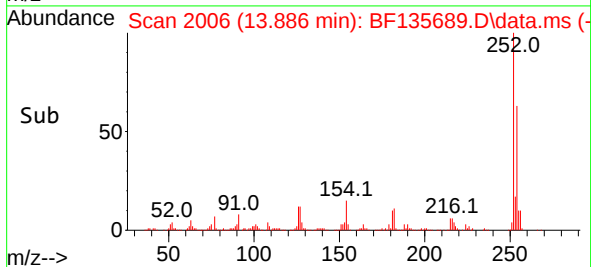
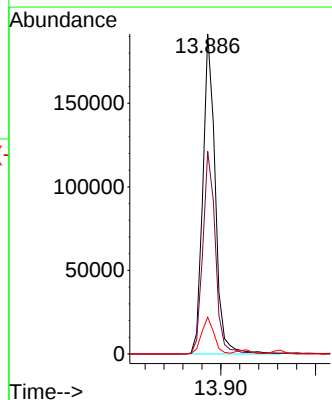
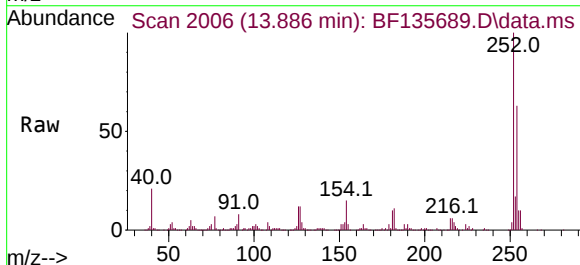
Instrument :
BNA_F
ClientSampleId :
PB155881BS

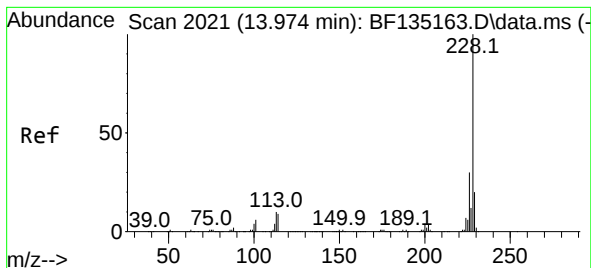
Tgt Ion:228 Resp: 627689
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 20.0 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 45.033 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion:252 Resp: 174630
Ion Ratio Lower Upper
252 100
254 63.3 51.0 76.4
126 11.5 7.8 11.8





#83

Chrysene

Concen: 47.532 ng

RT: 13.963 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

Instrument :

BNA_F

ClientSampleId :

PB155881BS

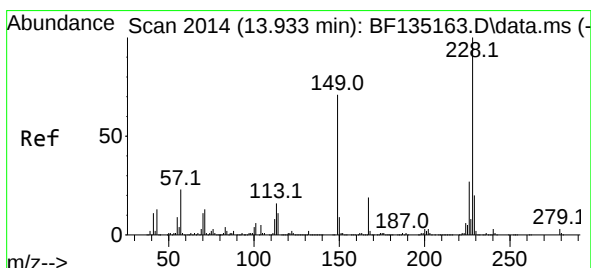
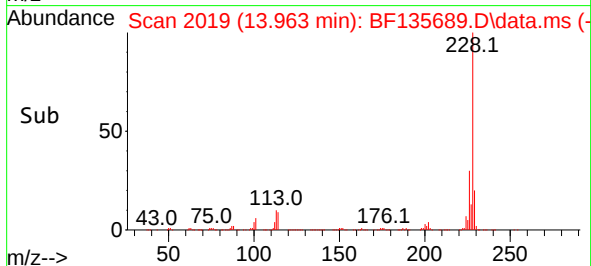
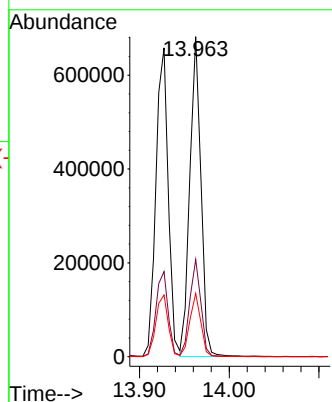
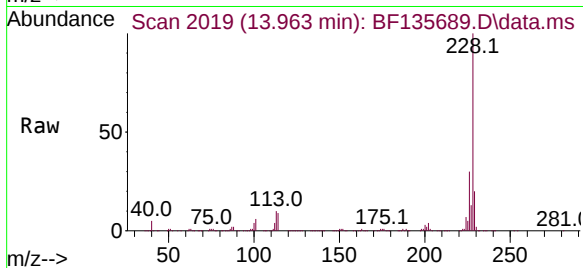
Tgt Ion:228 Resp: 586699

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.864 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

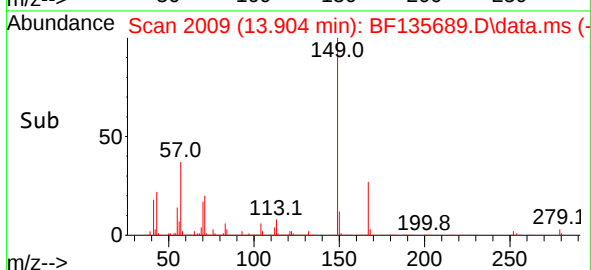
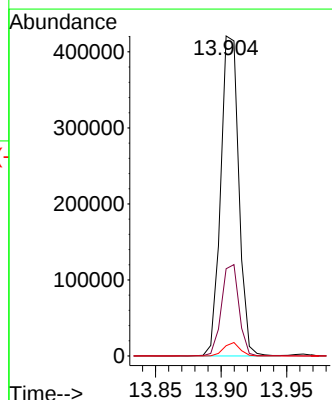
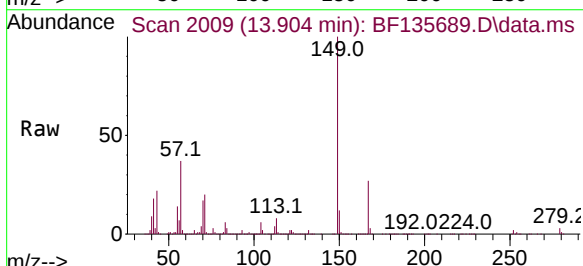
Tgt Ion:149 Resp: 402518

Ion Ratio Lower Upper

149 100

167 27.3 21.9 32.9

279 3.2 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 53.426 ng

RT: 14.521 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

Instrument :

BNA_F

ClientSampleId :

PB155881BS

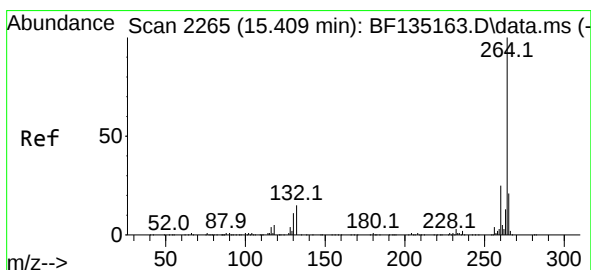
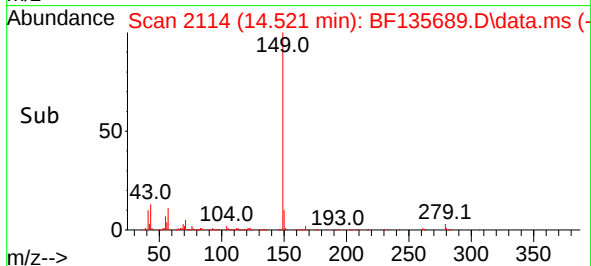
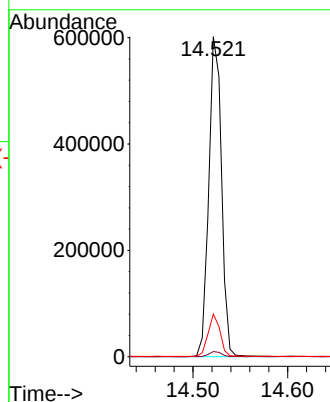
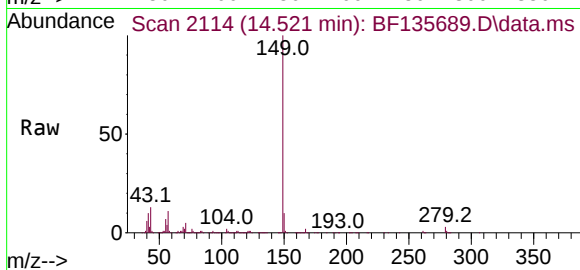
Tgt Ion:149 Resp: 561513

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.4 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.000 min

Lab File: BF135689.D

Acq: 10 Oct 2023 17:27

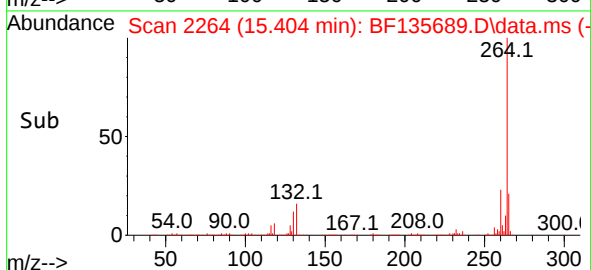
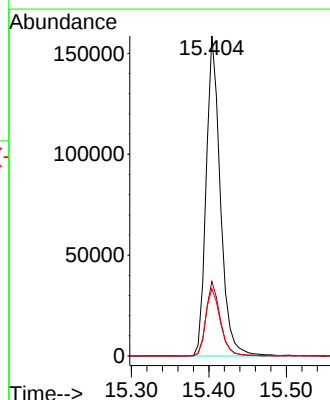
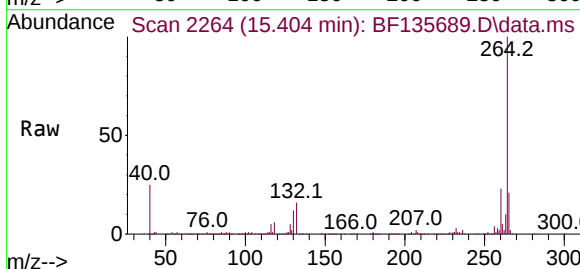
Tgt Ion:264 Resp: 201352

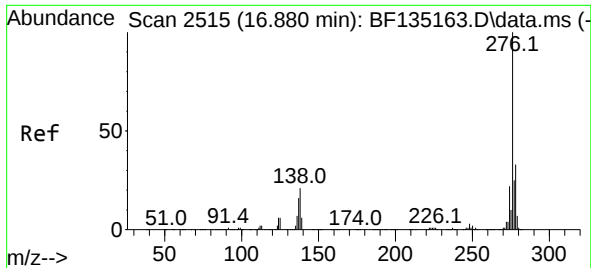
Ion Ratio Lower Upper

264 100

260 23.3 19.8 29.6

265 21.1 17.0 25.4

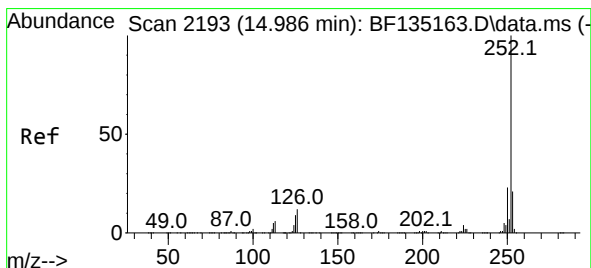
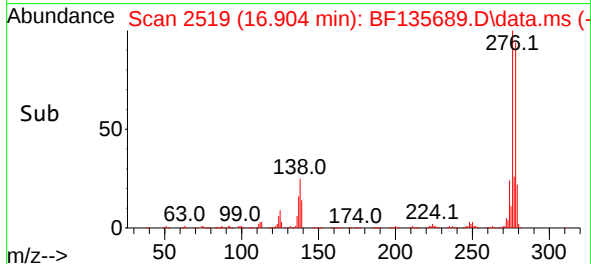
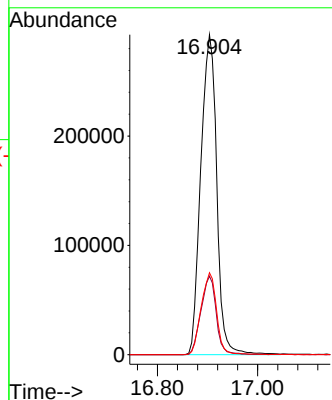
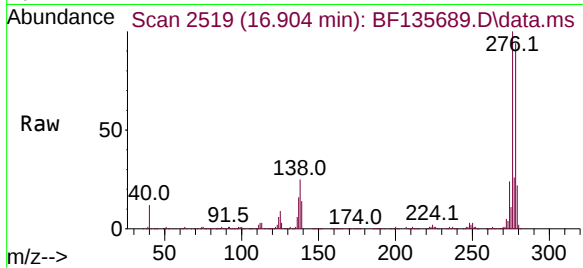




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.953 ng
RT: 16.904 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

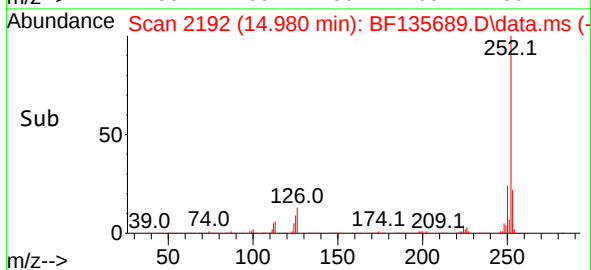
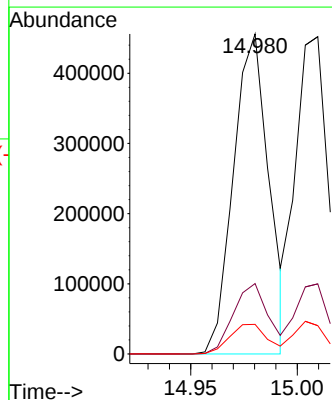
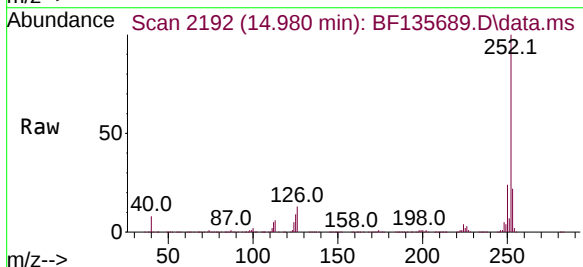
Instrument :
BNA_F
ClientSampleId :
PB155881BS

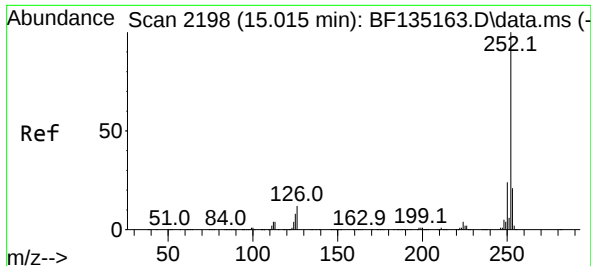
Tgt Ion:276 Resp: 646271
Ion Ratio Lower Upper
276 100
138 23.5 19.2 28.8
277 24.8 19.7 29.5



#88
Benzo(b)fluoranthene
Concen: 48.483 ng
RT: 14.980 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion:252 Resp: 528456
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 9.3 7.1 10.7

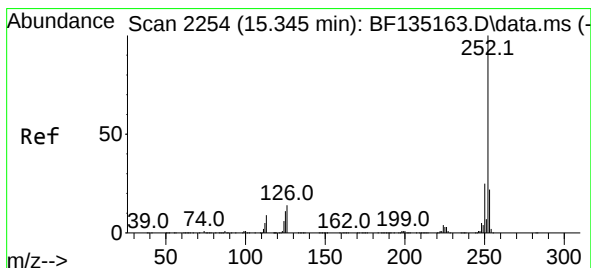
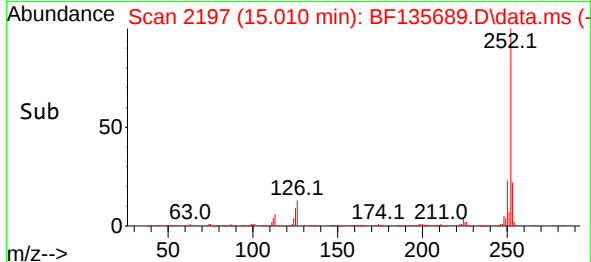
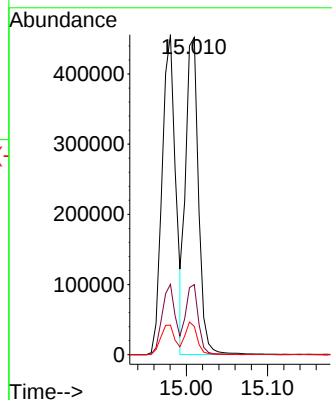
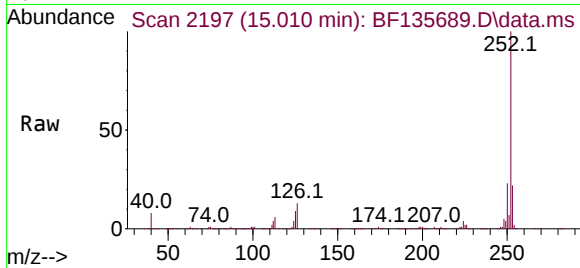




#89
Benzo(k)fluoranthene
Concen: 46.041 ng
RT: 15.010 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

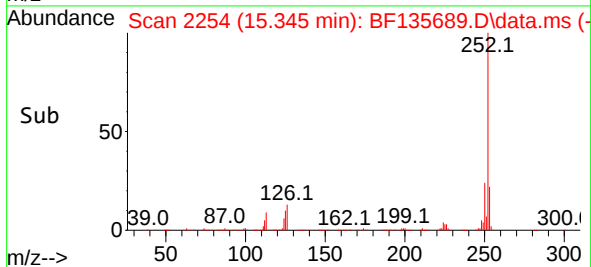
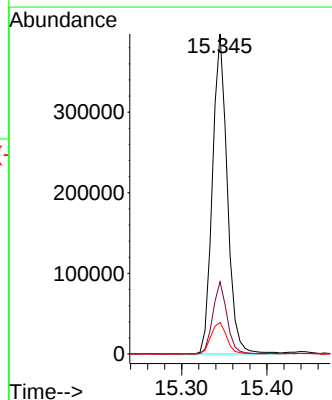
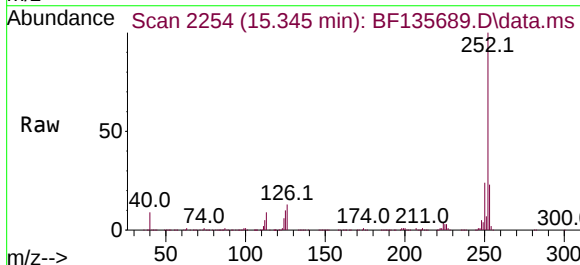
Instrument :
BNA_F
ClientSampleId :
PB155881BS

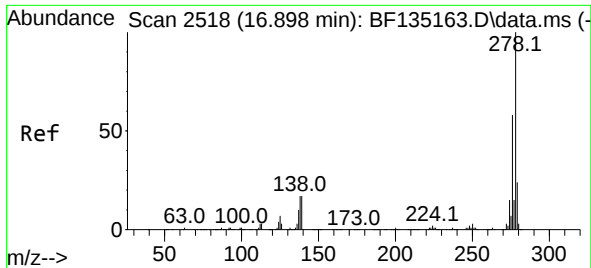
Tgt Ion:252 Resp: 495734
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 8.9 7.2 10.8



#90
Benzo(a)pyrene
Concen: 46.180 ng
RT: 15.345 min Scan# 2254
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion:252 Resp: 480014
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 9.9 9.2 13.8

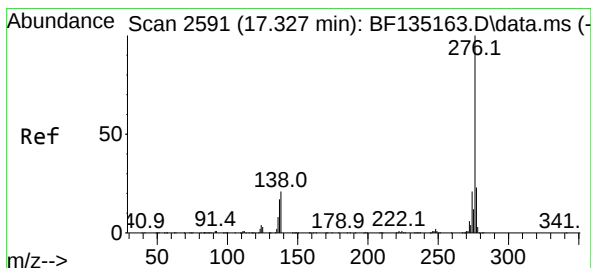
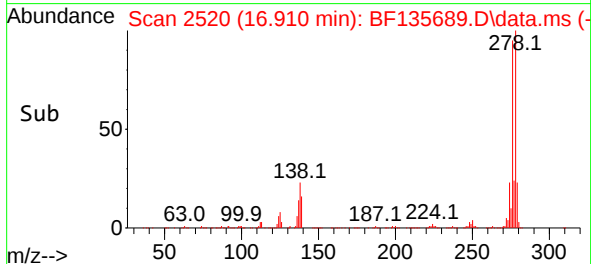
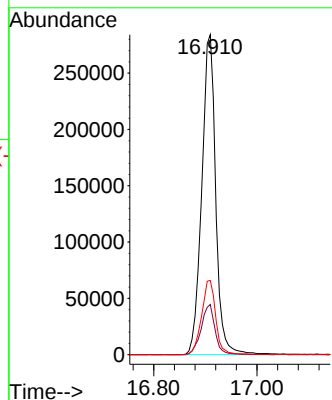
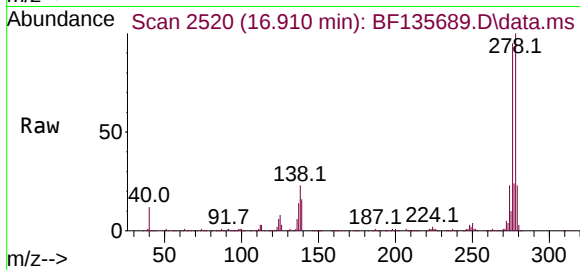




#91
Dibenzo(a,h)anthracene
Concen: 49.305 ng
RT: 16.910 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Instrument :
BNA_F
ClientSampleId :
PB155881BS

Tgt Ion:278 Resp: 532595
Ion Ratio Lower Upper
278 100
139 15.7 13.4 20.0
279 23.2 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 48.036 ng
RT: 17.351 min Scan# 2595
Delta R.T. 0.000 min
Lab File: BF135689.D
Acq: 10 Oct 2023 17:27

Tgt Ion:276 Resp: 541910
Ion Ratio Lower Upper
276 100
277 24.1 18.8 28.2
138 21.2 16.9 25.3

