

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135620.D
 Acq On : 06 Oct 2023 10:19
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 11:46:06 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 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	147618	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	552764	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	279204	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	538943	20.000	ng	0.00
76) Chrysene-d12	13.933	240	315466	20.000	ng	0.00
86) Perylene-d12	15.404	264	279492	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	714932	78.771	ng	0.00
7) Phenol-d6	6.393	99	888690	77.004	ng	0.00
23) Nitrobenzene-d5	7.310	82	808862	79.500	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	202160	72.861	ng	0.01
45) 2-Fluorobiphenyl	9.104	172	1339156	72.363	ng	0.00
79) Terphenyl-d14	12.869	244	1465412	72.010	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.434	88	174076	43.751	ng	96
3) Pyridine	3.181	79	443566	41.422	ng	100
4) n-Nitrosodimethylamine	3.157	42	238824	42.028	ng	100
6) Aniline	6.410	93	569592	37.637	ng	# 49
8) 2-Chlorophenol	6.534	128	377552	38.968	ng	97
9) Benzaldehyde	6.298	77	248247	37.759	ng	98
10) Phenol	6.410	94	477436	37.727	ng	# 65
11) bis(2-Chloroethyl)ether	6.487	93	379185	39.945	ng	99
12) 1,3-Dichlorobenzene	6.681	146	380624	38.655	ng	98
13) 1,4-Dichlorobenzene	6.757	146	377304	37.663	ng	98
14) 1,2-Dichlorobenzene	6.910	146	334941	36.002	ng	99
15) Benzyl Alcohol	6.893	79	288164	34.796	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	669083	37.394	ng	85
17) 2-Methylphenol	7.010	107	314350	36.766	ng	# 92
18) Hexachloroethane	7.245	117	138650	37.457	ng	96
19) n-Nitroso-di-n-propyla...	7.163	70	252987	35.391	ng	97
20) 3+4-Methylphenols	7.163	107	385270	37.474	ng	# 81
22) Acetophenone	7.157	105	493434	39.045	ng	95
24) Nitrobenzene	7.328	77	407911	40.563	ng	99
25) Isophorone	7.569	82	749343	40.109	ng	99
26) 2-Nitrophenol	7.645	139	203550	42.174	ng	93
27) 2,4-Dimethylphenol	7.687	122	326027	40.187	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	457606	40.923	ng	99
29) 2,4-Dichlorophenol	7.892	162	301891	40.159	ng	97
30) 1,2,4-Trichlorobenzene	7.963	180	302591	38.511	ng	100
31) Naphthalene	8.045	128	1047768	39.013	ng	100
32) Benzoic acid	7.840	122	229033	37.492	ng	96
33) 4-Chloroaniline	8.098	127	478417	40.601	ng	98
34) Hexachlorobutadiene	8.151	225	174723	36.878	ng	99
35) Caprolactam	8.481	113	109730	43.493	ng	95
36) 4-Chloro-3-methylphenol	8.592	107	335876	40.201	ng	99
37) 2-Methylnaphthalene	8.734	142	690336	38.239	ng	99
38) 1-Methylnaphthalene	8.834	142	644126	38.109	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	313948	38.813	ng	99
41) Hexachlorocyclopentadiene	8.881	237	153622	46.508	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	201811	38.106	ng	98

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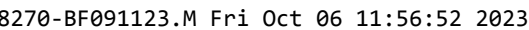
Instrument :
 BNA_F
 ClientSampleId :

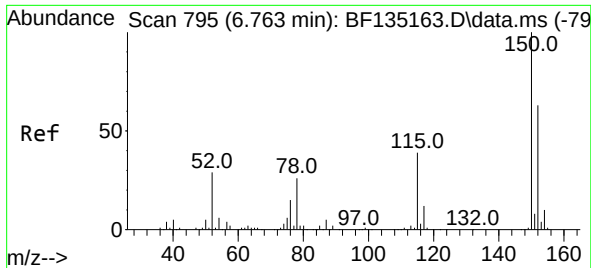
Quant Time: Oct 06 11:46:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	236171	38.723	ng	98
46) 1,1'-Biphenyl	9.204	154	836911	39.005	ng	99
47) 2-Chloronaphthalene	9.228	162	614547	39.475	ng	99
48) 2-Nitroaniline	9.334	65	256057	42.337	ng	95
49) Acenaphthylene	9.645	152	980394	37.893	ng	100
50) Dimethylphthalate	9.510	163	746105	39.524	ng	100
51) 2,6-Dinitrotoluene	9.581	165	164140	39.692	ng	91
52) Acenaphthene	9.816	154	598348	39.148	ng	98
53) 3-Nitroaniline	9.751	138	199136	41.024	ng	98
54) 2,4-Dinitrophenol	9.875	184	123179	54.620	ng	92
55) Dibenzofuran	9.986	168	875305	37.529	ng	97
56) 4-Nitrophenol	9.934	139	137560	44.589	ng	97
57) 2,4-Dinitrotoluene	9.992	165	197229	38.097	ng	95
58) Fluorene	10.333	166	702470	39.178	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	175233	37.350	ng	99
60) Diethylphthalate	10.210	149	754807	39.842	ng	100
61) 4-Chlorophenyl-phenyle...	10.322	204	332593	38.615	ng	99
62) 4-Nitroaniline	10.375	138	192477	41.250	ng	97
63) Azobenzene	10.486	77	771309	41.600	ng	98
65) 4,6-Dinitro-2-methylph...	10.404	198	114796	40.103	ng	98
66) n-Nitrosodiphenylamine	10.445	169	643000	39.408	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	214091	39.941	ng	96
68) Hexachlorobenzene	10.881	284	214350	39.252	ng	# 87
69) Atrazine	10.980	200	169361	38.577	ng	98
70) Pentachlorophenol	11.086	266	132467	40.545	ng	99
71) Phenanthrene	11.298	178	1021898	40.091	ng	99
72) Anthracene	11.351	178	1046332	39.935	ng	100
73) Carbazole	11.516	167	995178	41.725	ng	98
74) Di-n-butylphthalate	11.839	149	1221089	43.448	ng	99
75) Fluoranthene	12.498	202	1113393	41.920	ng	99
77) Benzidine	12.622	184	230957	35.736	ng	100
78) Pyrene	12.727	202	1136407	37.836	ng	100
80) Butylbenzylphthalate	13.345	149	505956	47.846	ng	94
81) Benzo(a)anthracene	13.921	228	815118	40.015	ng	99
82) 3,3'-Dichlorobenzidine	13.886	252	262619	41.274	ng	# 98
83) Chrysene	13.963	228	792249	39.118	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	620749	57.204	ng	100
85) Di-n-octyl phthalate	14.527	149	837052	48.538	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	703059	38.365	ng	97
88) Benzo(b)fluoranthene	14.974	252	617630	40.822	ng	98
89) Benzo(k)fluoranthene	14.974	252	617630	41.325	ng	99
90) Benzo(a)pyrene	15.339	252	552747	38.310	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	571743	38.131	ng	99
92) Benzo(g,h,i)perylene	17.345	276	619682	39.573	ng	97

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

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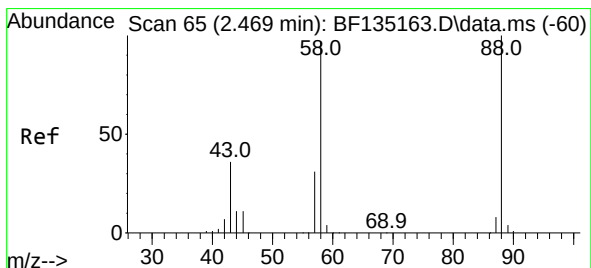
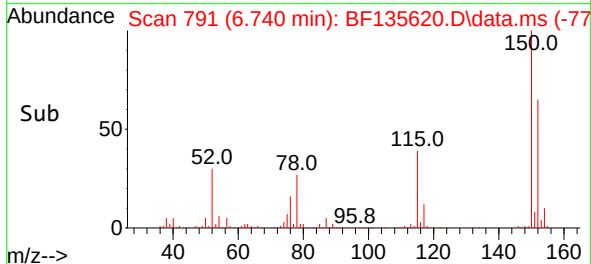
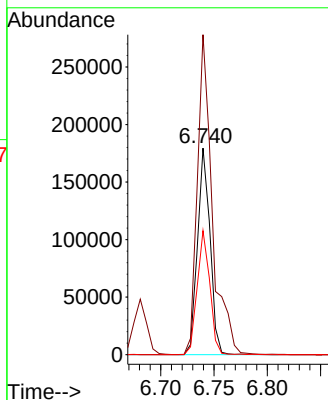
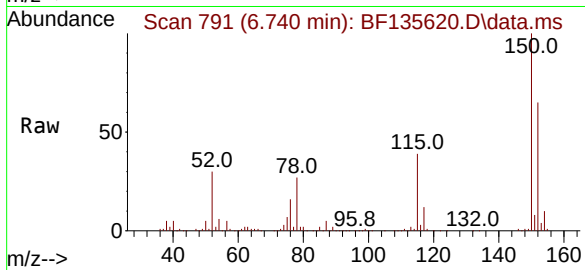




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 79
 Delta R.T. 0.001 min
 Lab File: BF135620.D
 Acq: 06 Oct 2023 10:19

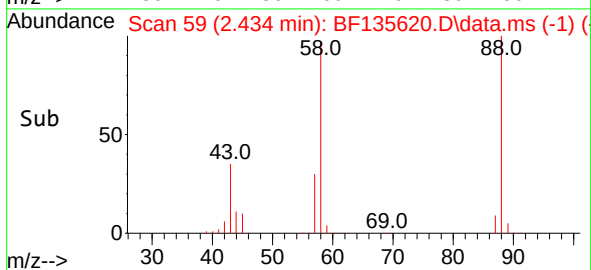
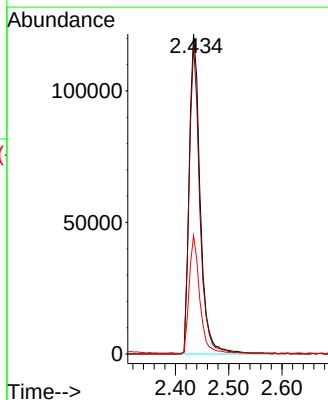
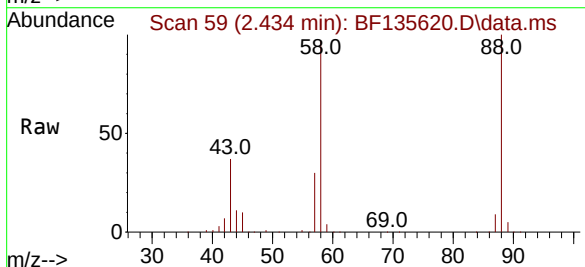
Instrument :
 BNA_F
 ClientSampleId :

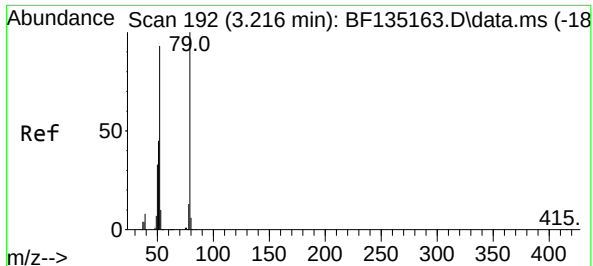
Tgt Ion:152 Resp: 147618
 Ion Ratio Lower Upper
 152 100
 150 154.9 127.8 191.6
 115 60.0 49.8 74.8



#2
 1,4-Dioxane
 Concen: 43.751 ng
 RT: 2.434 min Scan# 59
 Delta R.T. 0.012 min
 Lab File: BF135620.D
 Acq: 06 Oct 2023 10:19

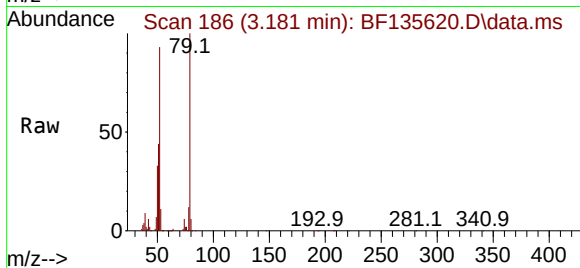
Tgt Ion: 88 Resp: 174076
 Ion Ratio Lower Upper
 88 100
 58 93.4 78.3 117.5
 43 35.3 29.4 44.0



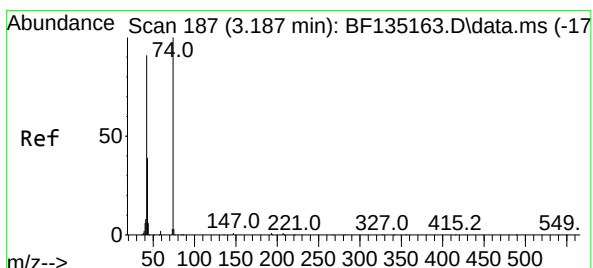
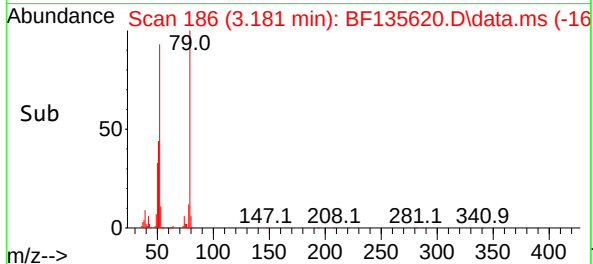
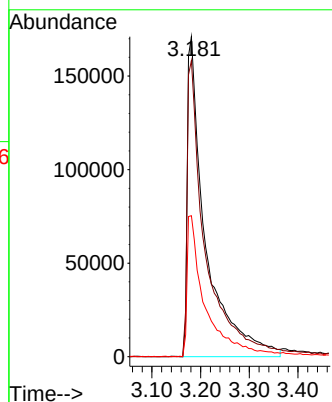


#3
Pyridine
Concen: 41.422 ng
RT: 3.181 min Scan# 186
Delta R.T. 0.018 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Instrument :
BNA_F
ClientSampleId :

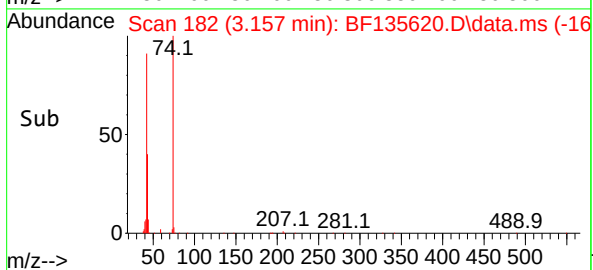
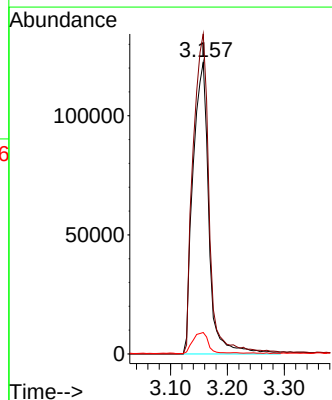
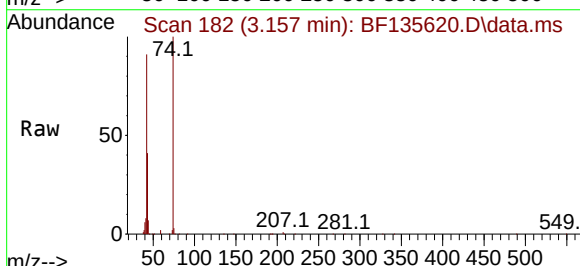


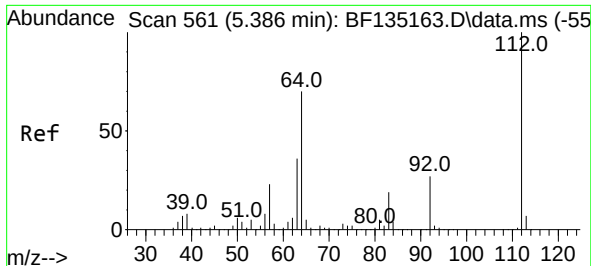
Tgt Ion: 79 Resp: 443566
Ion Ratio Lower Upper
79 100
52 92.5 74.1 111.1
51 44.0 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 42.028 ng
RT: 3.157 min Scan# 182
Delta R.T. 0.024 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Tgt Ion: 42 Resp: 238824
Ion Ratio Lower Upper
42 100
74 109.7 87.7 131.5
44 7.4 5.6 8.4

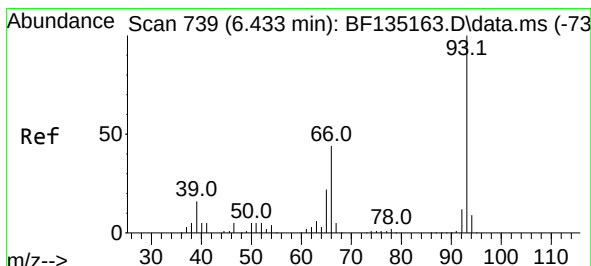
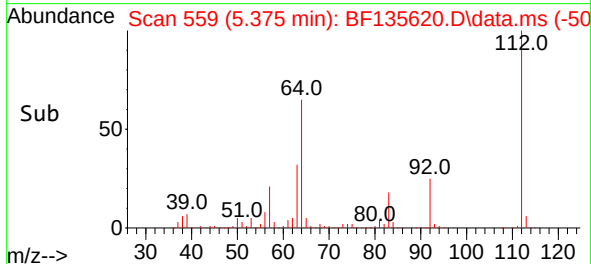
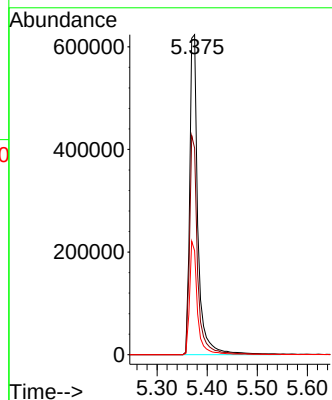
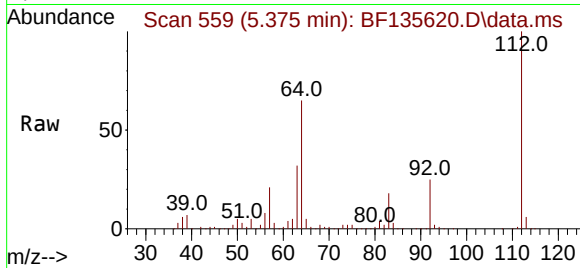




#5
2-Fluorophenol
Concen: 78.771 ng
RT: 5.375 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

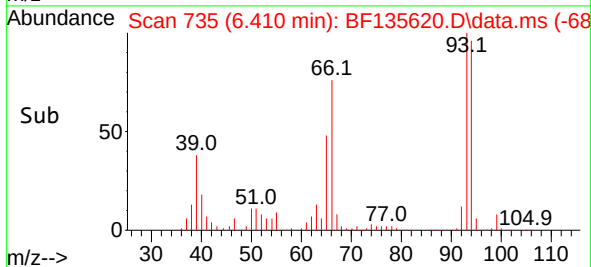
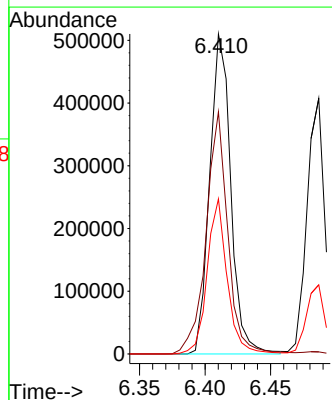
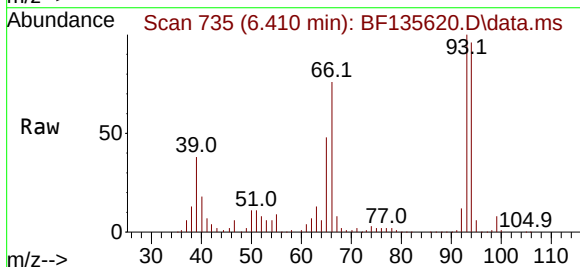
Instrument :
BNA_F
ClientSampleId :

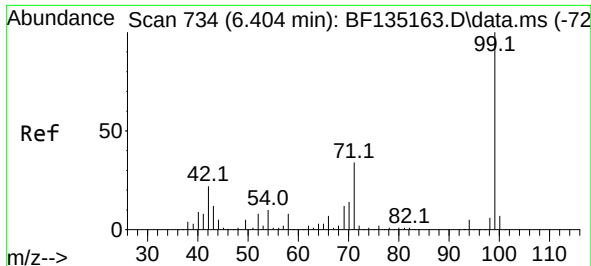
Tgt Ion:112 Resp: 714932
Ion Ratio Lower Upper
112 100
64 64.6 55.9 83.9
63 32.4 29.0 43.6



#6
Aniline
Concen: 37.637 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Tgt Ion: 93 Resp: 569592
Ion Ratio Lower Upper
93 100
66 75.7 35.4 53.0#
65 48.4 17.8 26.8#





#7

Phenol-d6

Concen: 77.004 ng

RT: 6.393 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

Instrument :

BNA_F

ClientSampleId :

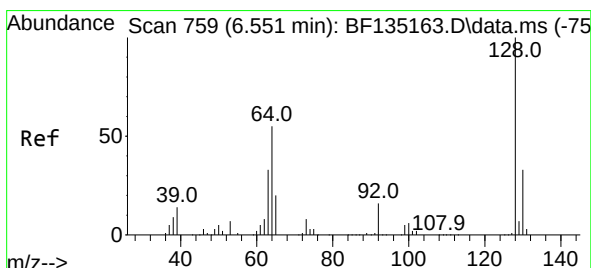
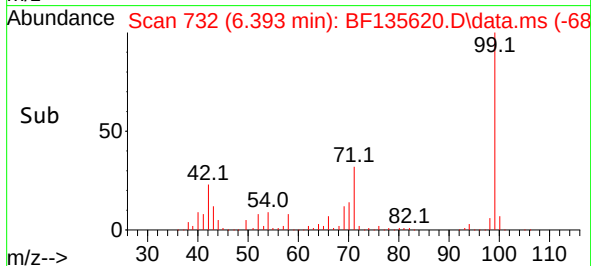
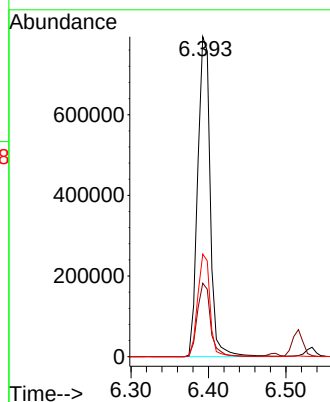
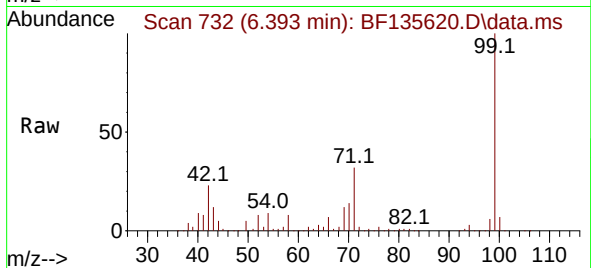
Tgt Ion: 99 Resp: 888690

Ion Ratio Lower Upper

99 100

42 22.9 17.9 26.9

71 32.1 27.0 40.6



#8

2-Chlorophenol

Concen: 38.968 ng

RT: 6.534 min Scan# 756

Delta R.T. 0.006 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

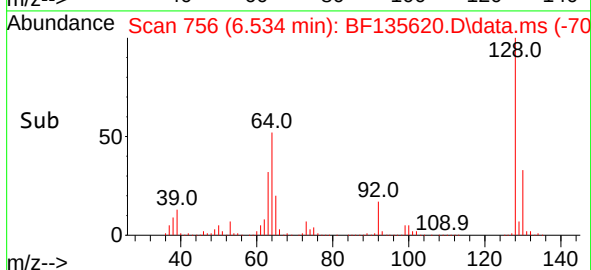
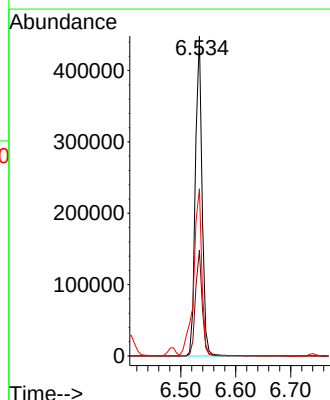
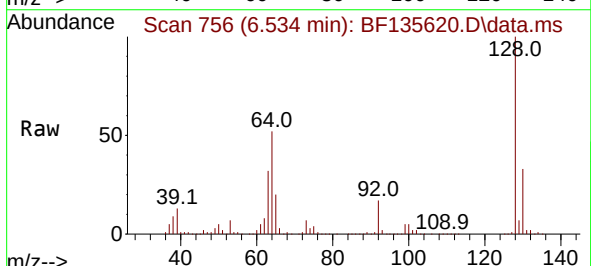
Tgt Ion:128 Resp: 377552

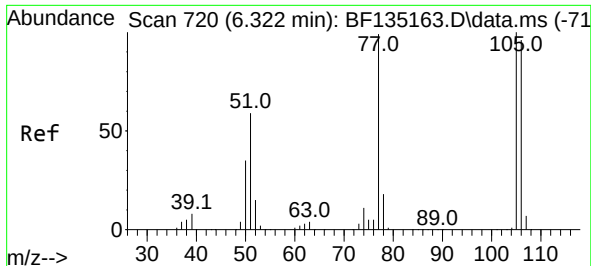
Ion Ratio Lower Upper

128 100

130 33.1 12.7 52.7

64 52.2 35.9 75.9





#9

Benzaldehyde

Concen: 37.759 ng

RT: 6.298 min Scan# 716

Delta R.T. 0.000 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

Instrument :

BNA_F

ClientSampleId :

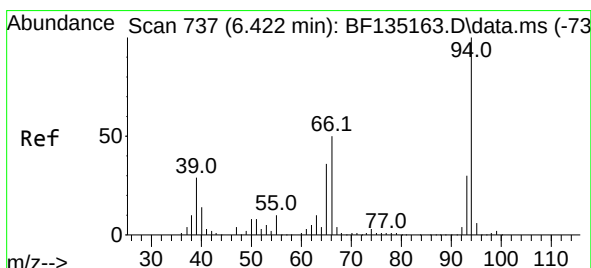
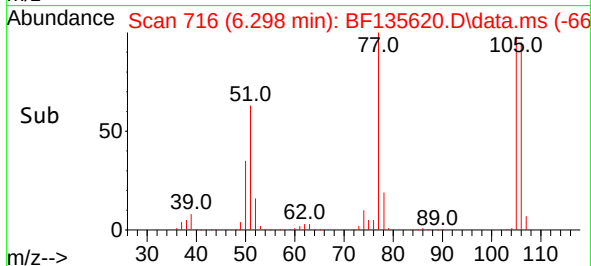
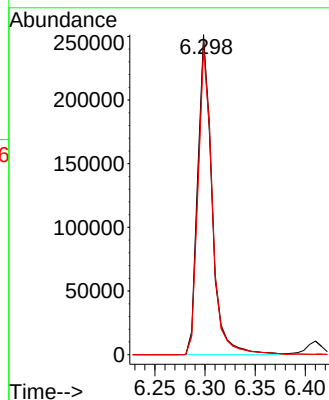
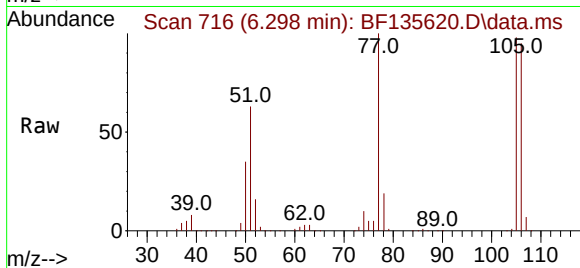
Tgt Ion: 77 Resp: 248247

Ion Ratio Lower Upper

77 100

105 98.2 81.4 121.4

106 95.2 76.9 116.9



#10

Phenol

Concen: 37.727 ng

RT: 6.410 min Scan# 735

Delta R.T. 0.006 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

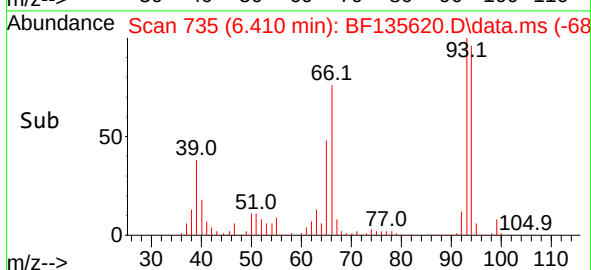
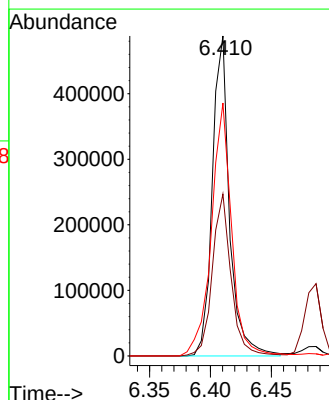
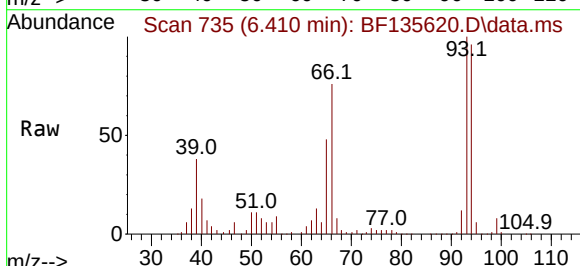
Tgt Ion: 94 Resp: 477436

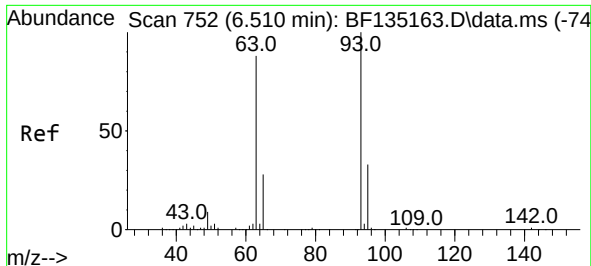
Ion Ratio Lower Upper

94 100

65 50.6 15.9 55.9

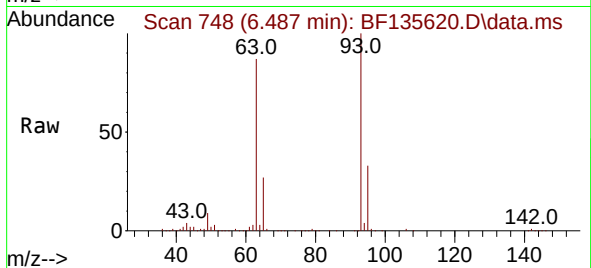
66 79.1 29.8 69.8#



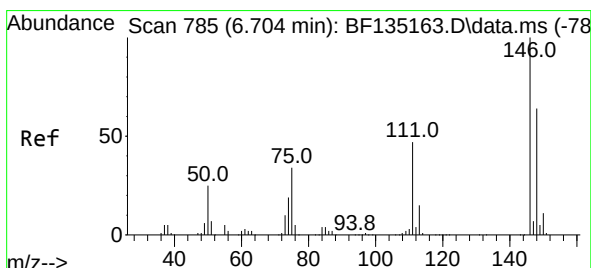
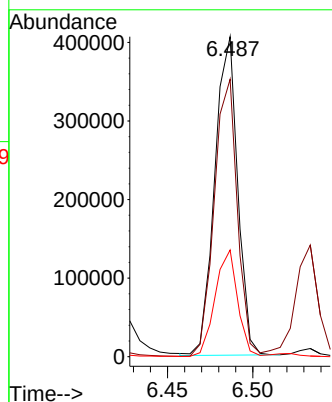
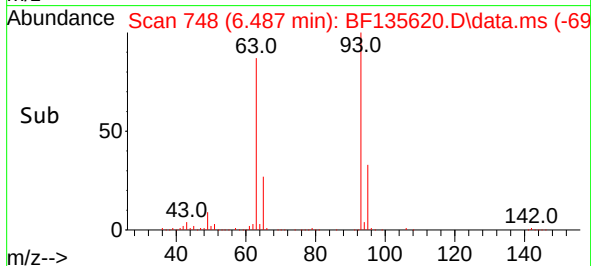


#11
bis(2-Chloroethyl)ether
Concen: 39.945 ng
RT: 6.487 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Instrument :
BNA_F
ClientSampleId :

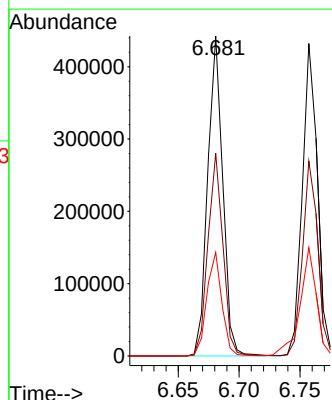
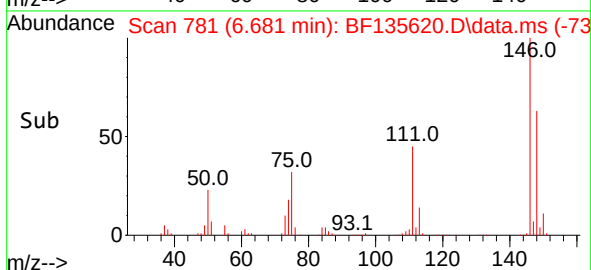
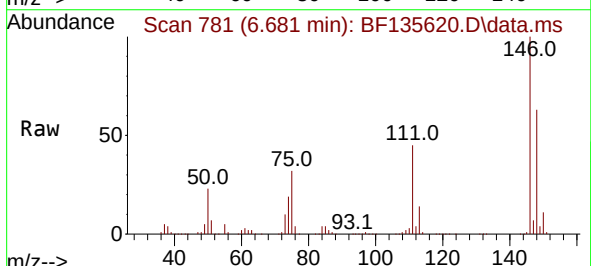


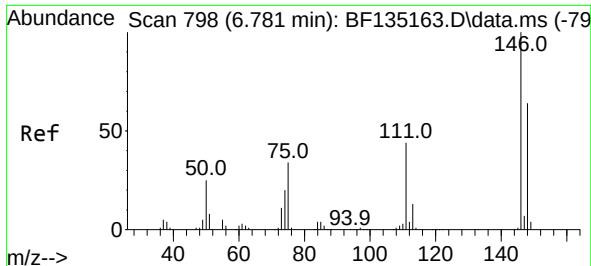
Tgt Ion: 93 Resp: 379185
Ion Ratio Lower Upper
93 100
63 86.7 67.3 107.3
95 33.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 38.655 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Tgt Ion:146 Resp: 380624
Ion Ratio Lower Upper
146 100
148 63.3 51.3 76.9
75 32.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 37.663 ng

RT: 6.757 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

Instrument :

BNA_F

ClientSampleId :

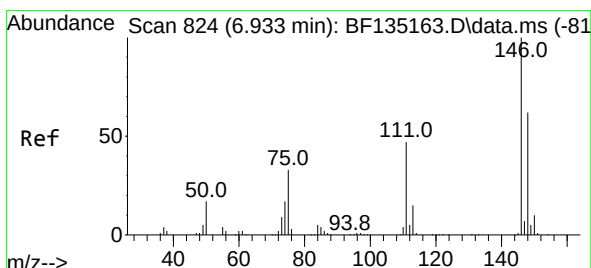
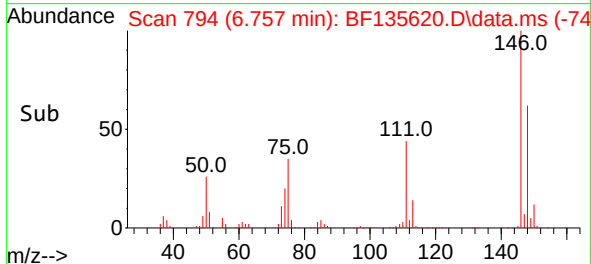
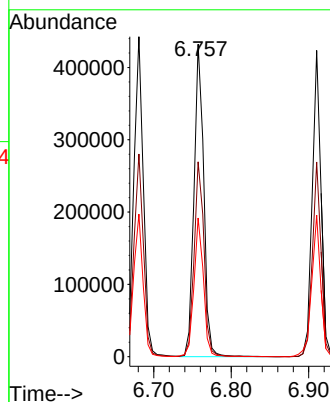
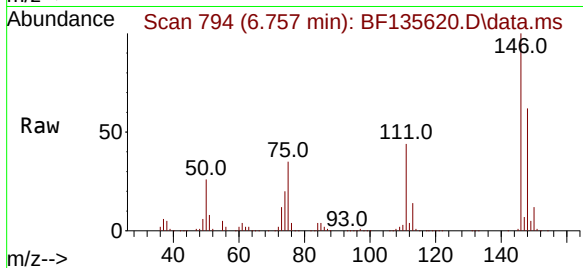
Tgt Ion:146 Resp: 377304

Ion Ratio Lower Upper

146 100

148 62.4 51.3 76.9

111 44.4 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 36.002 ng

RT: 6.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

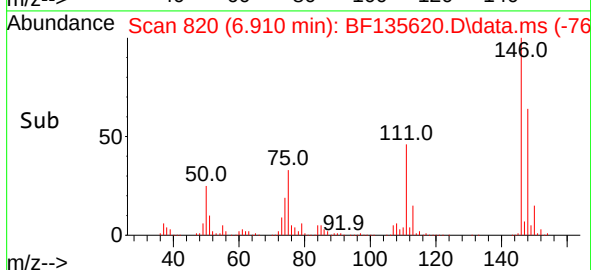
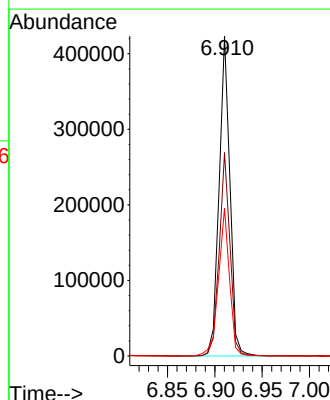
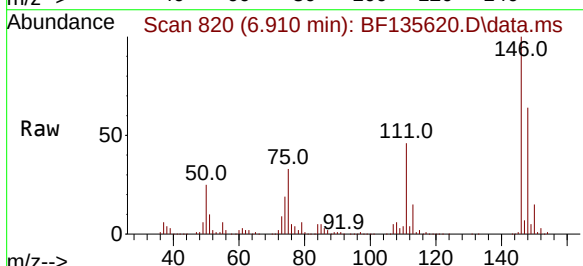
Tgt Ion:146 Resp: 334941

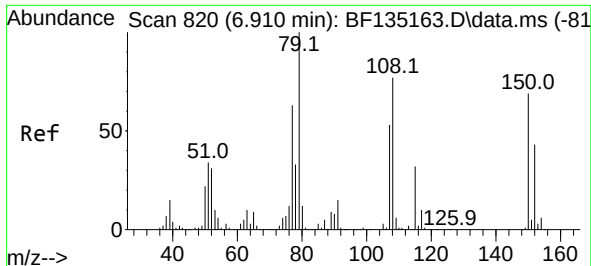
Ion Ratio Lower Upper

146 100

148 63.6 49.7 74.5

111 46.2 37.4 56.2

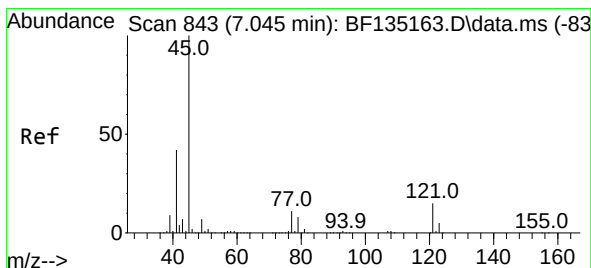
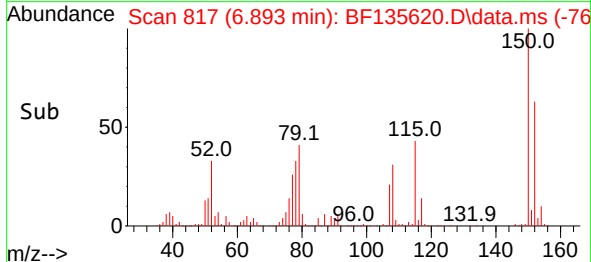
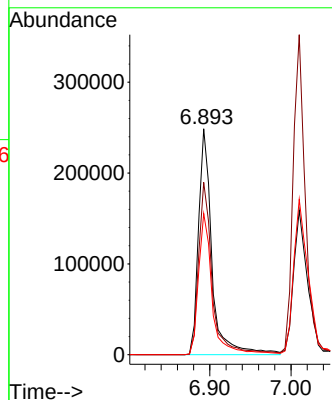
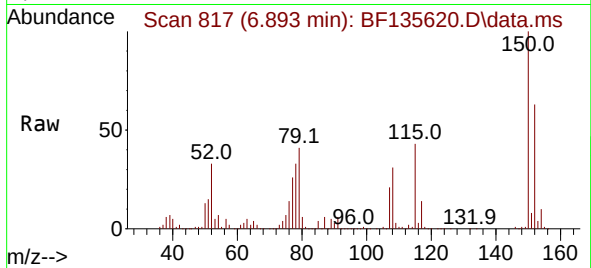




#15
Benzyl Alcohol
Concen: 34.796 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

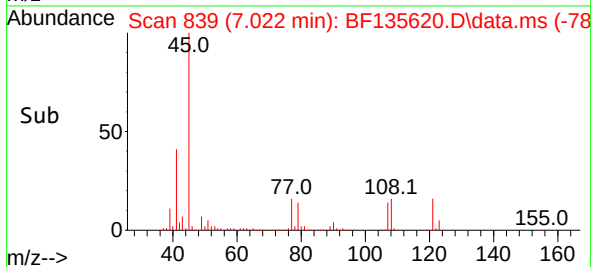
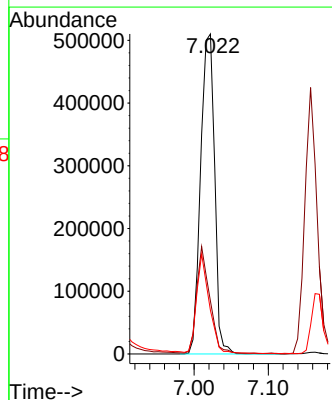
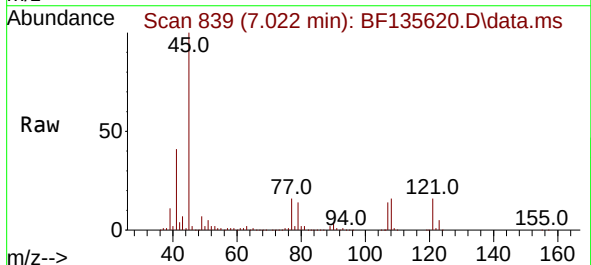
Instrument :
BNA_F
ClientSampleId :

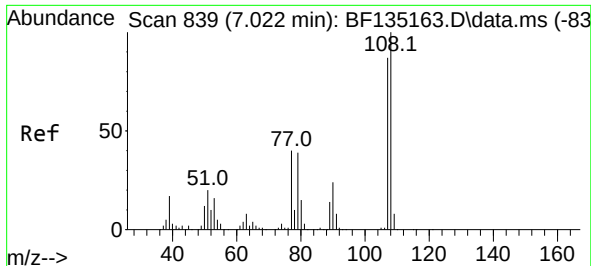
Tgt Ion: 79 Resp: 288164
Ion Ratio Lower Upper
79 100
108 76.3 61.2 91.8
77 62.5 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.394 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

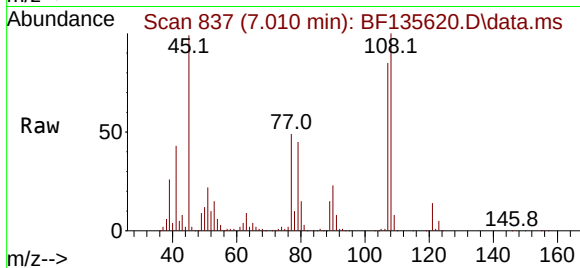
Tgt Ion: 45 Resp: 669083
Ion Ratio Lower Upper
45 100
77 16.5 0.0 30.6
79 13.6 0.0 28.3



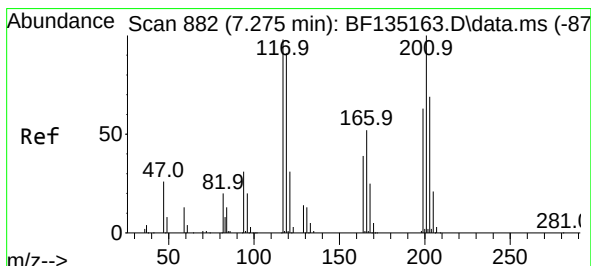
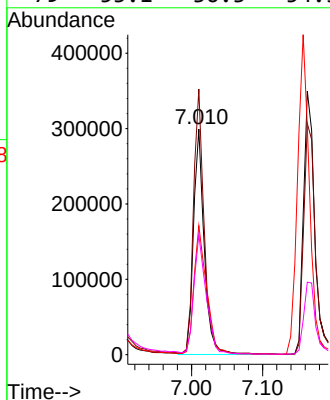
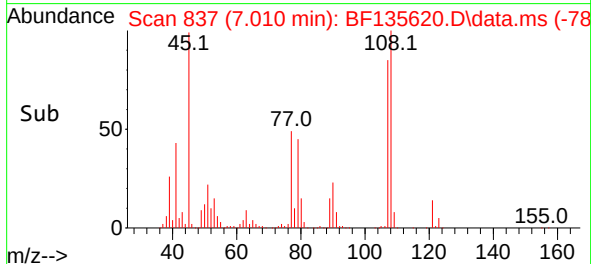


#17
2-Methylphenol
Concen: 36.766 ng
RT: 7.010 min Scan# 810
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Instrument :
BNA_F
ClientSampleId :

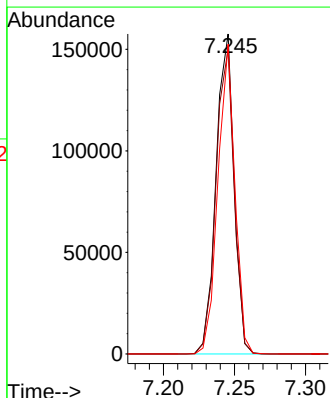
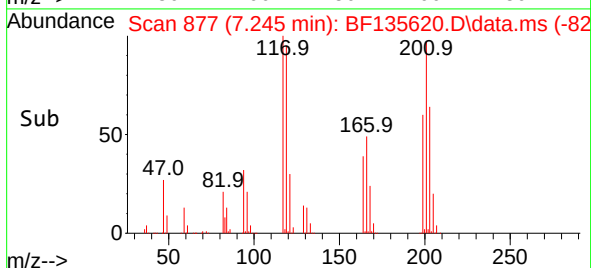
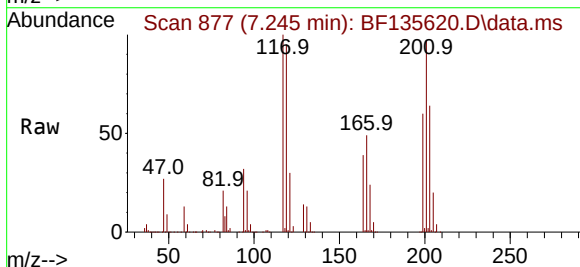


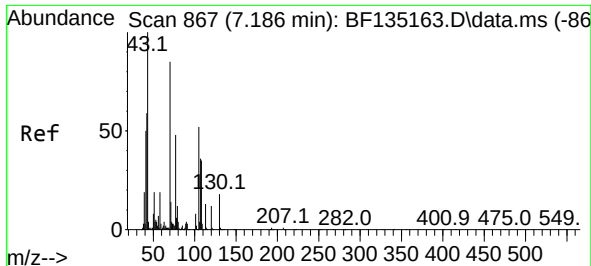
Tgt Ion:107 Resp: 314350
Ion Ratio Lower Upper
107 100
108 117.7 92.0 138.0
77 57.1 36.7 55.1#
79 53.1 36.3 54.5



#18
Hexachloroethane
Concen: 37.457 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Tgt Ion:117 Resp: 138650
Ion Ratio Lower Upper
117 100
119 95.3 74.7 112.1
201 96.8 81.8 122.8

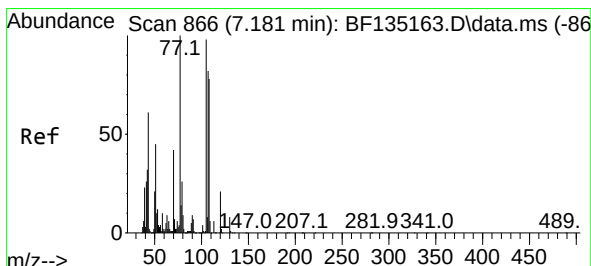
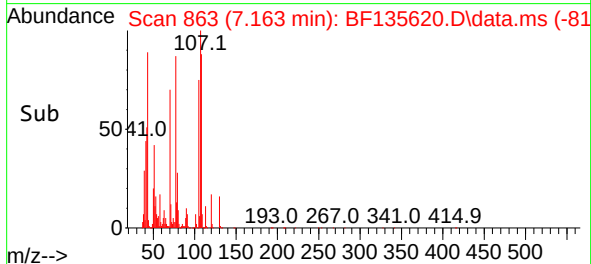
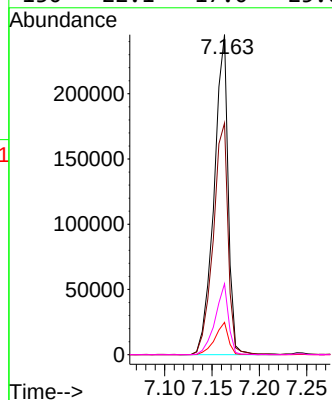
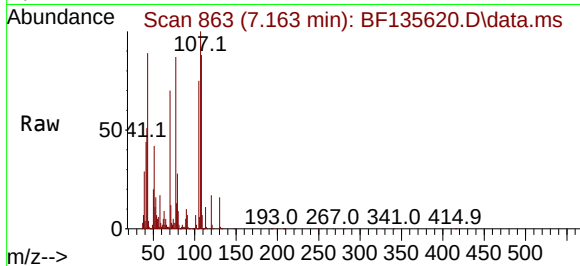




#19
n-Nitroso-di-n-propylamine
Concen: 35.391 ng
RT: 7.163 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

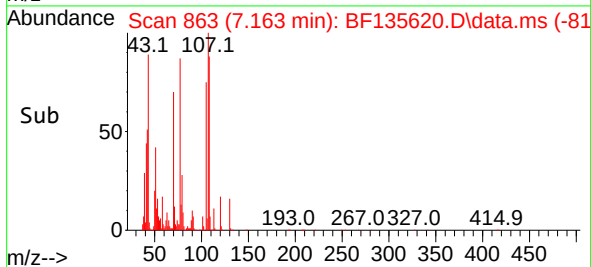
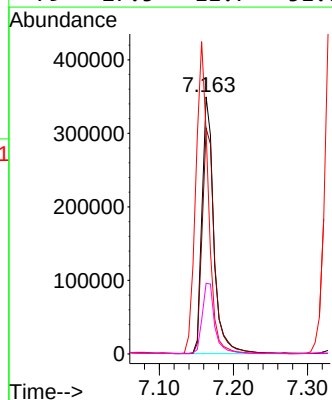
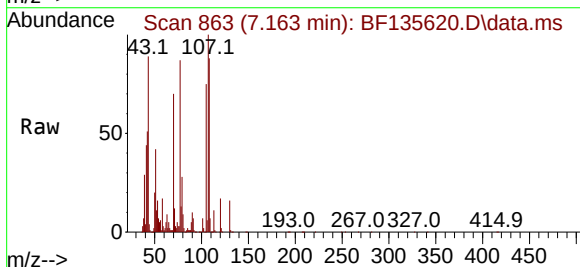
Instrument :
BNA_F
ClientSampleId :

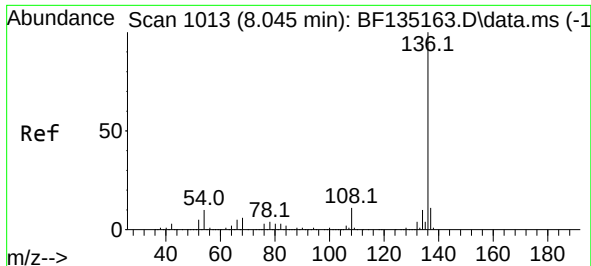
Tgt Ion: 70 Resp: 252987
Ion Ratio Lower Upper
70 100
42 72.4 55.4 83.0
101 10.1 7.7 11.5
130 22.1 17.0 25.6



#20
3+4-Methylphenols
Concen: 37.474 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

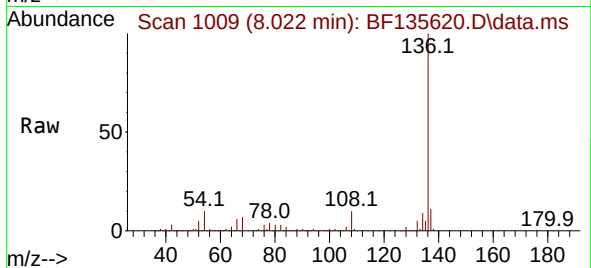
Tgt Ion: 107 Resp: 385270
Ion Ratio Lower Upper
107 100
108 87.7 74.7 114.7
77 86.6 102.0 142.0#
79 27.5 11.7 51.7



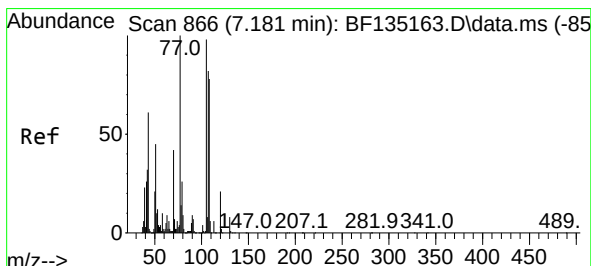
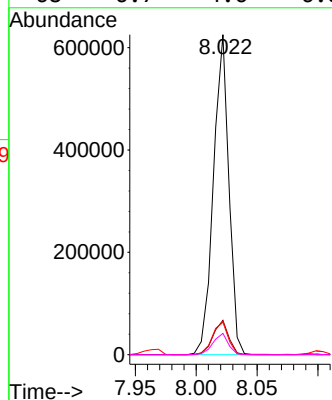
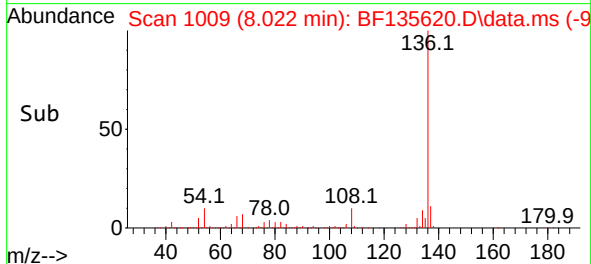


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

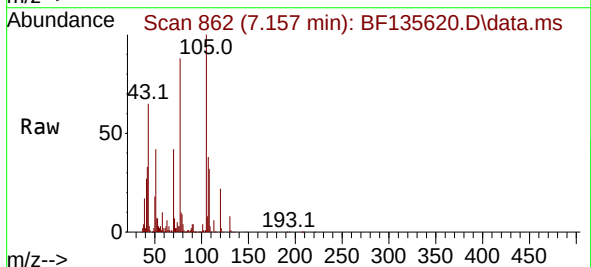
Instrument :
BNA_F
ClientSampleId :



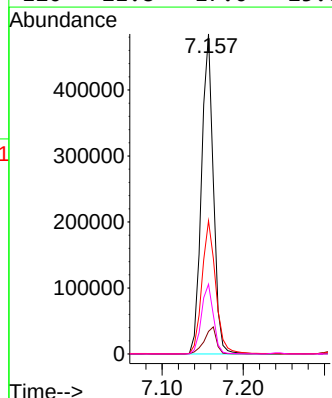
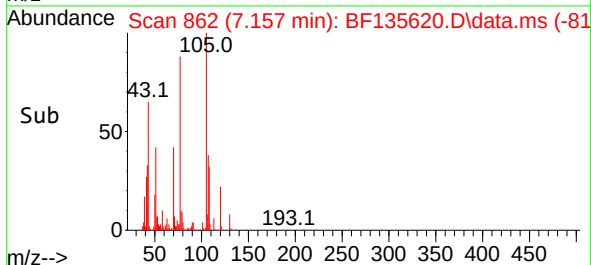
Tgt Ion:136 Resp: 552764
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.2 7.7 11.5
68 6.7 4.6 6.8

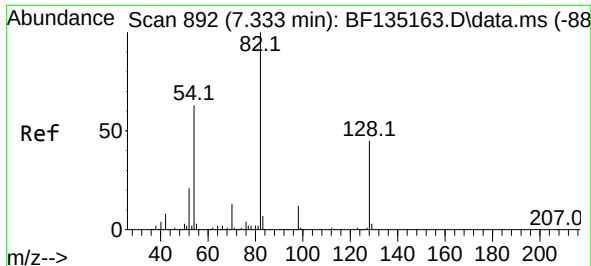


#22
Acetophenone
Concen: 39.045 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19



Tgt Ion:105 Resp: 493434
Ion Ratio Lower Upper
105 100
71 7.0 5.8 8.6
51 41.6 37.0 55.4
120 21.8 17.0 25.6





#23

Nitrobenzene-d5

Concen: 79.500 ng

RT: 7.310 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

Instrument :

BNA_F

ClientSampleId :

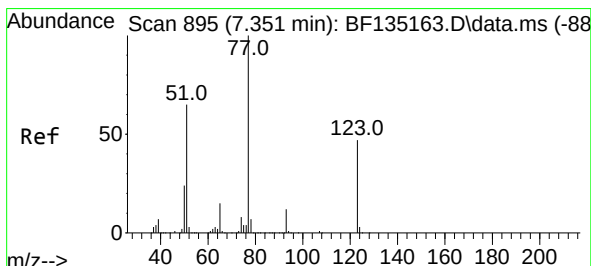
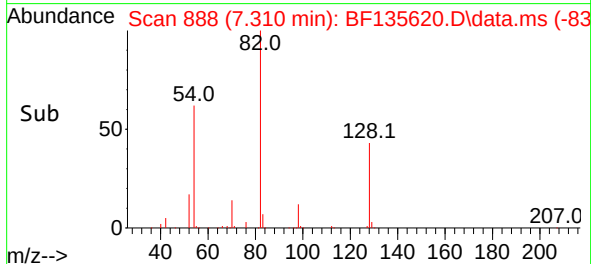
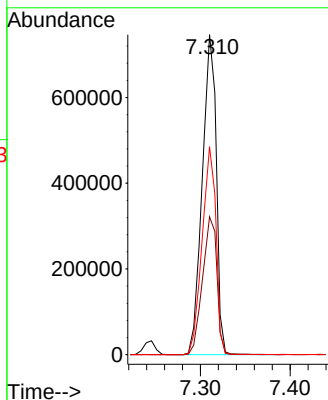
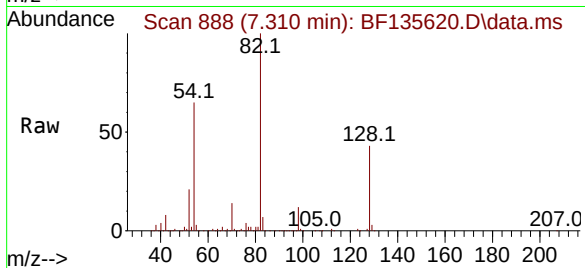
Tgt Ion: 82 Resp: 808862

Ion Ratio Lower Upper

82 100

128 43.1 35.8 53.6

54 65.0 50.6 76.0



#24

Nitrobenzene

Concen: 40.563 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

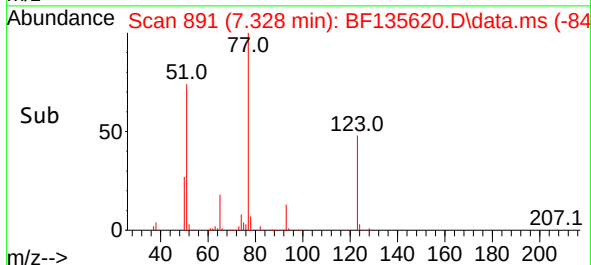
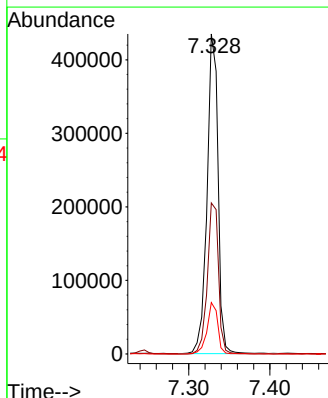
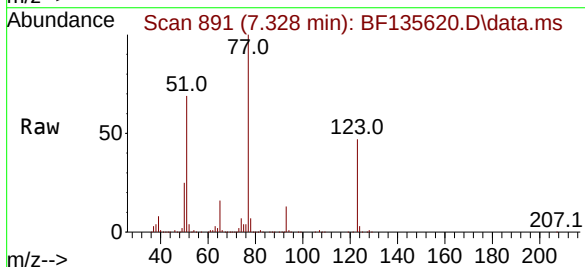
Tgt Ion: 77 Resp: 407911

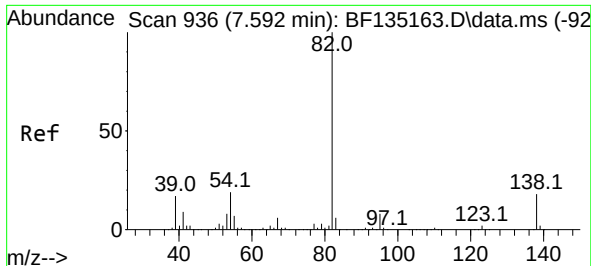
Ion Ratio Lower Upper

77 100

123 47.2 37.6 56.4

65 16.1 12.2 18.4

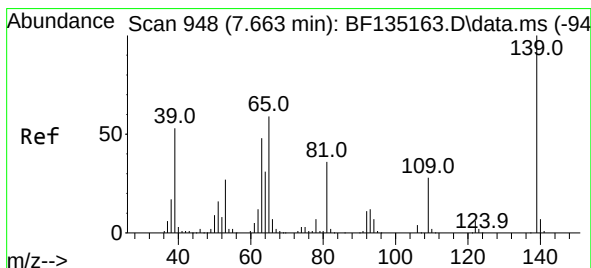
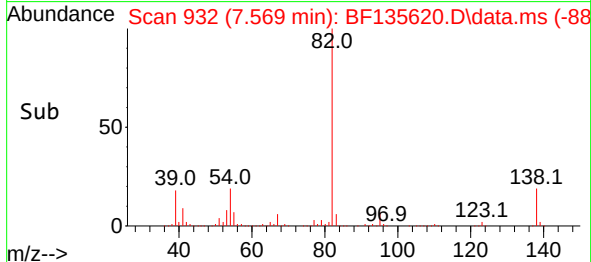
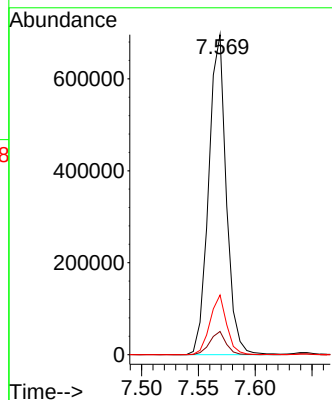
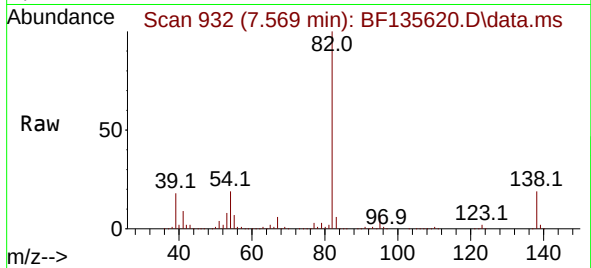




#25
Isophorone
Concen: 40.109 ng
RT: 7.569 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

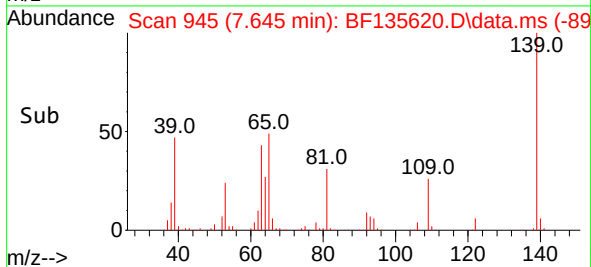
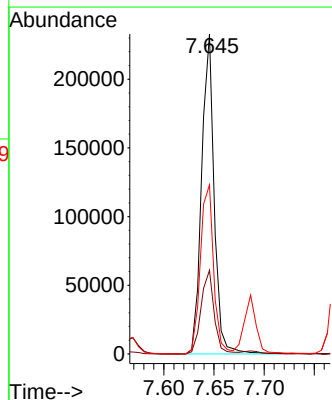
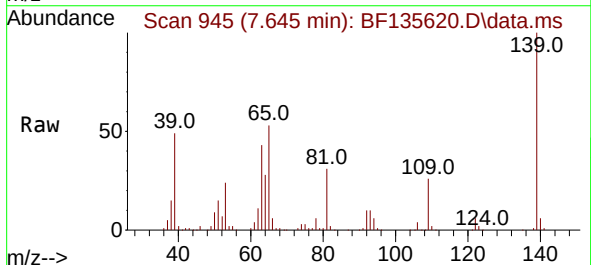
Instrument :
BNA_F
ClientSampleId :

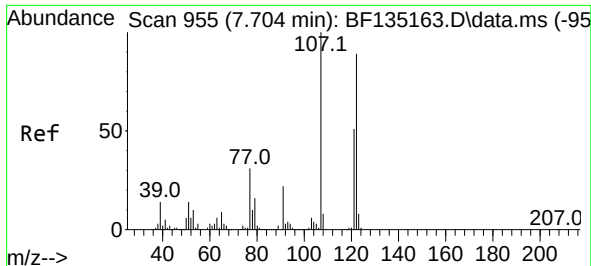
Tgt Ion: 82 Resp: 749343
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 18.7 14.5 21.7



#26
2-Nitrophenol
Concen: 42.174 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Tgt Ion:139 Resp: 203550
Ion Ratio Lower Upper
139 100
109 26.2 22.6 33.8
65 52.8 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 40.187 ng

RT: 7.687 min Scan# 91

Delta R.T. 0.006 min

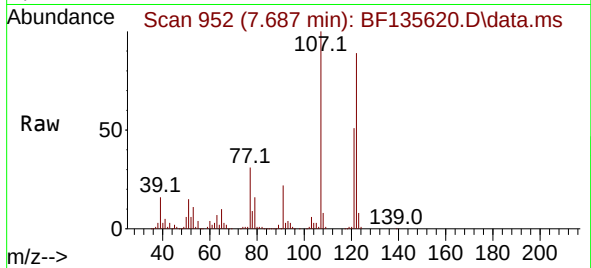
Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

Instrument :

BNA_F

ClientSampleId :



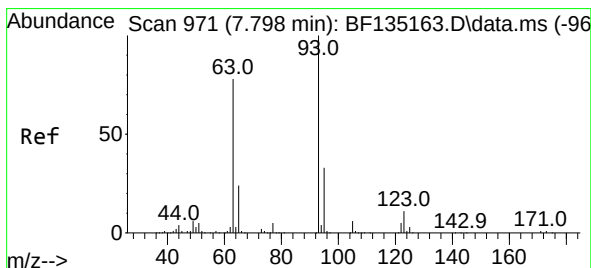
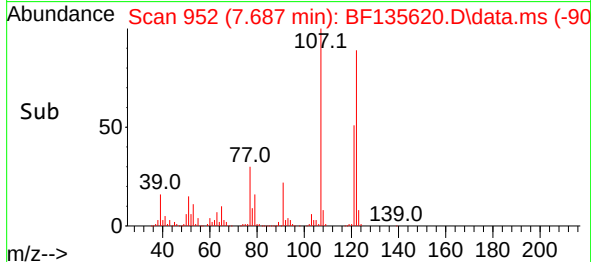
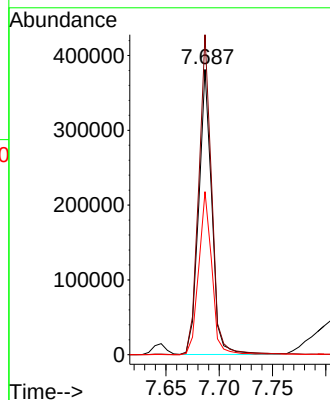
Tgt Ion:122 Resp: 326027

Ion Ratio Lower Upper

122 100

107 112.1 90.2 135.4

121 57.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 40.923 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

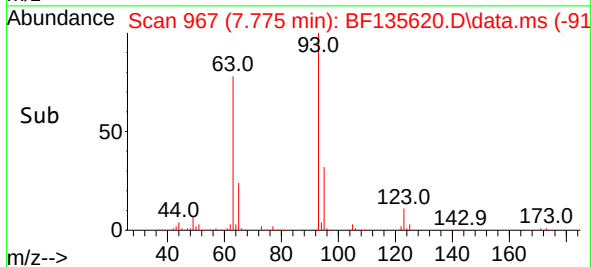
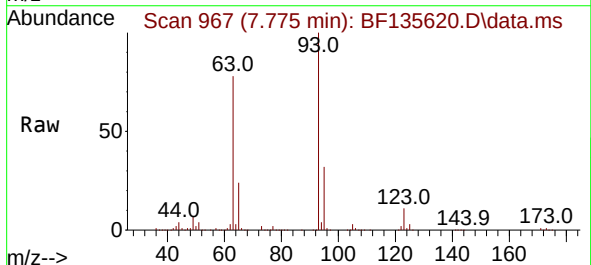
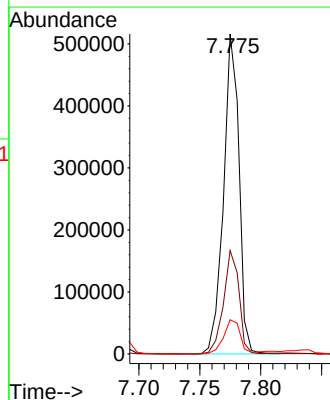
Tgt Ion: 93 Resp: 457606

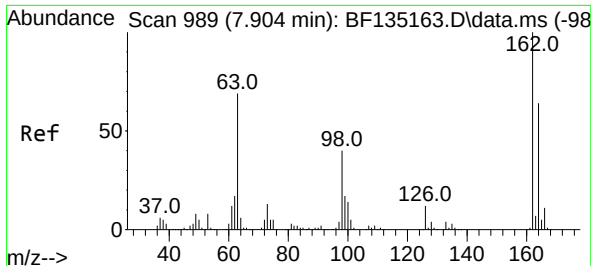
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

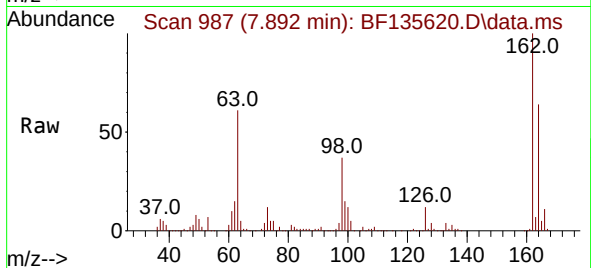
123 10.7 8.8 13.2



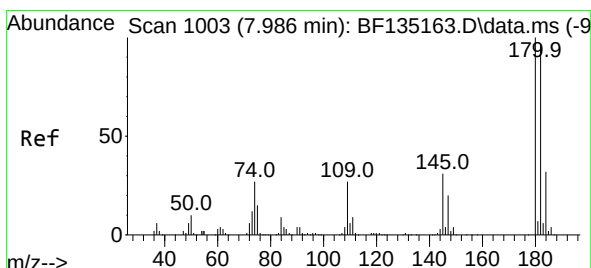
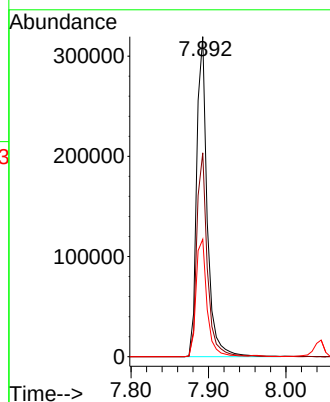
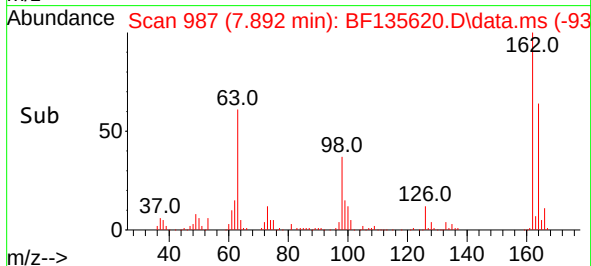


#29
2,4-Dichlorophenol
Concen: 40.159 ng
RT: 7.892 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

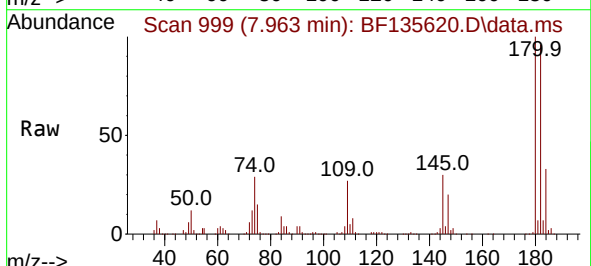
Instrument :
BNA_F
ClientSampleId :



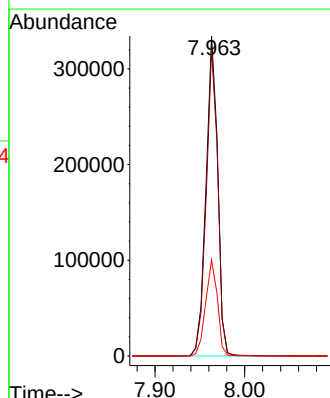
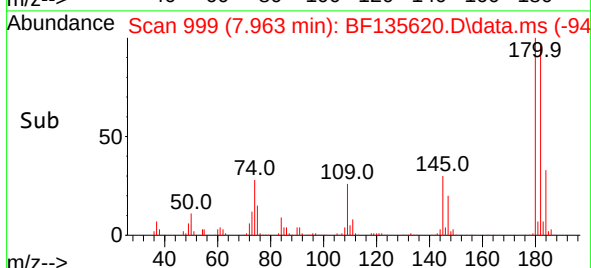
Tgt Ion:162 Resp: 301891
Ion Ratio Lower Upper
162 100
164 63.7 44.1 84.1
98 36.7 20.3 60.3

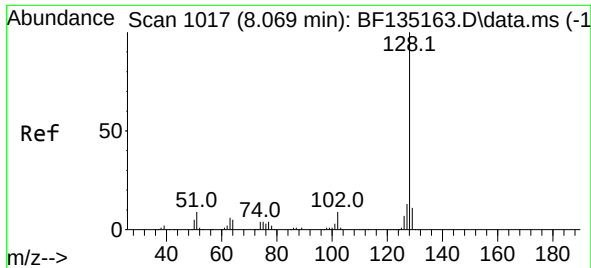


#30
1,2,4-Trichlorobenzene
Concen: 38.511 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19



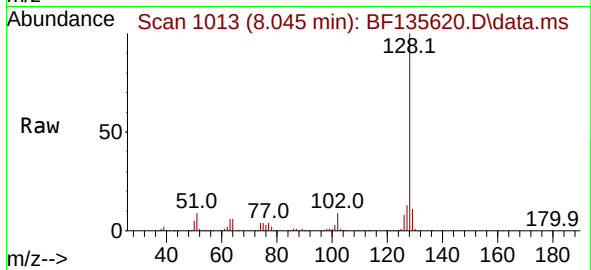
Tgt Ion:180 Resp: 302591
Ion Ratio Lower Upper
180 100
182 96.0 76.9 115.3
145 30.0 24.5 36.7



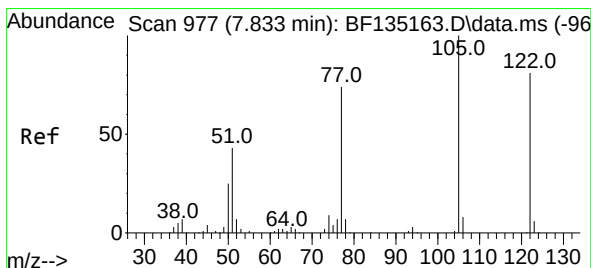
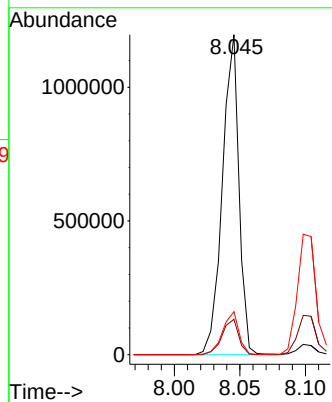
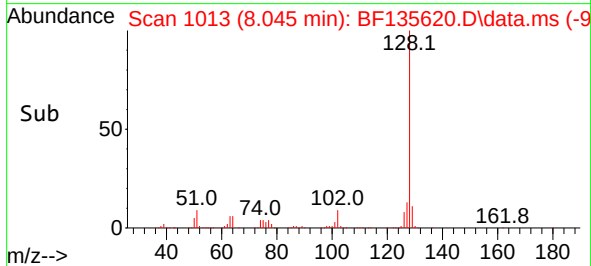


#31
Naphthalene
Concen: 39.013 ng
RT: 8.045 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Instrument :
BNA_F
ClientSampleId :

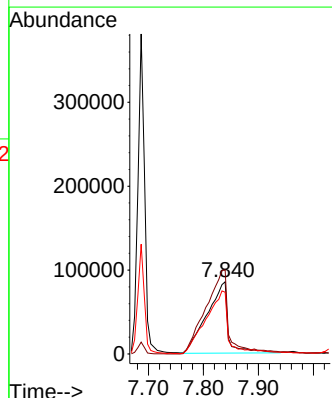
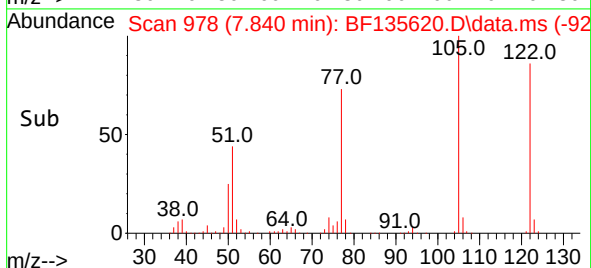
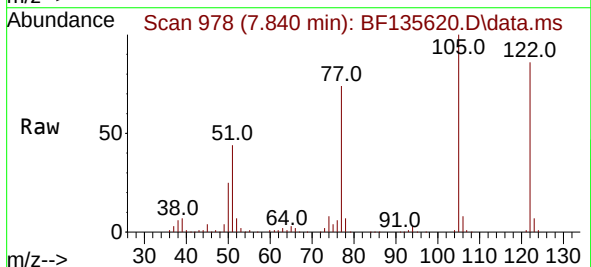


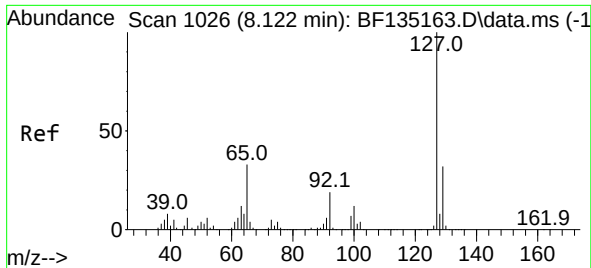
Tgt Ion:128 Resp: 1047768
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 37.492 ng
RT: 7.840 min Scan# 978
Delta R.T. 0.018 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Tgt Ion:122 Resp: 229033
Ion Ratio Lower Upper
122 100
105 116.5 99.9 139.9
77 85.8 70.0 110.0

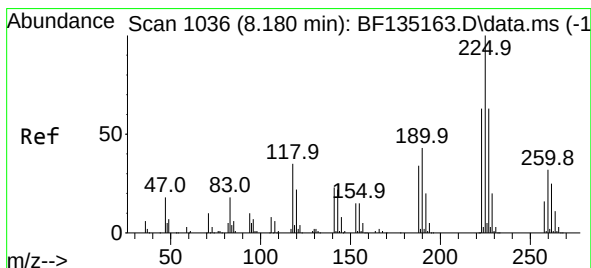
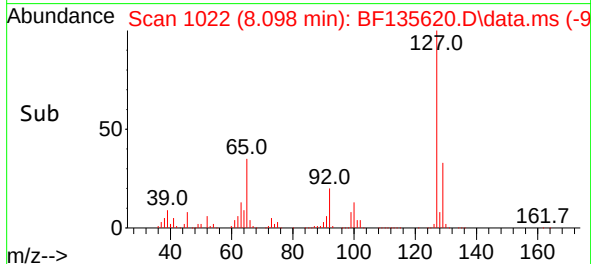
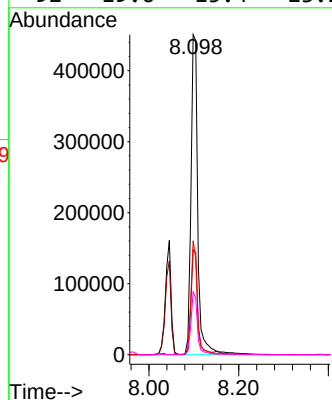
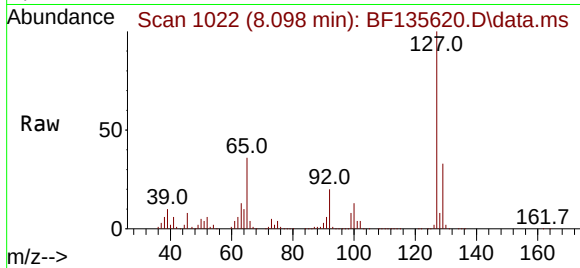




#33
4-Chloroaniline
Concen: 40.601 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

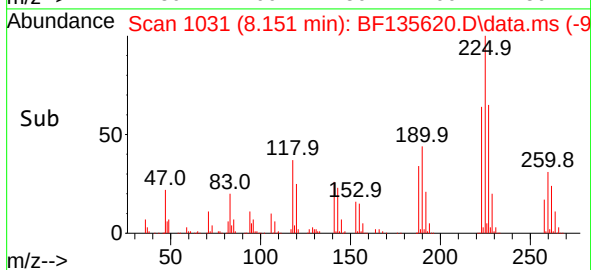
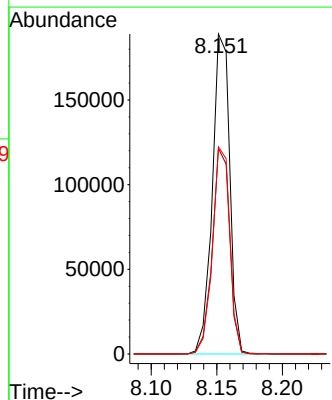
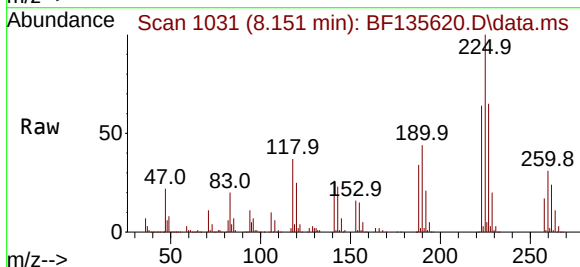
Instrument :
BNA_F
ClientSampleId :

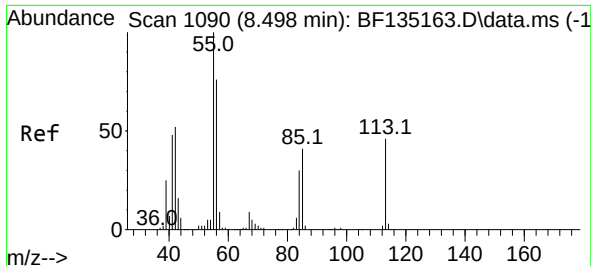
Tgt Ion:	127	Resp:	478417
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.8	38.8
65	35.6	26.6	39.8
92	19.6	15.4	23.2



#34
Hexachlorobutadiene
Concen: 36.878 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Tgt Ion:	225	Resp:	174723
Ion Ratio	Lower	Upper	
225	100		
223	64.2	50.6	75.8
227	64.7	50.8	76.2

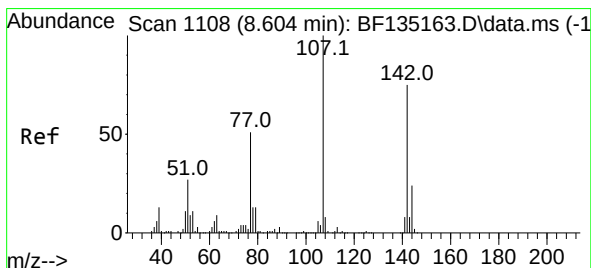
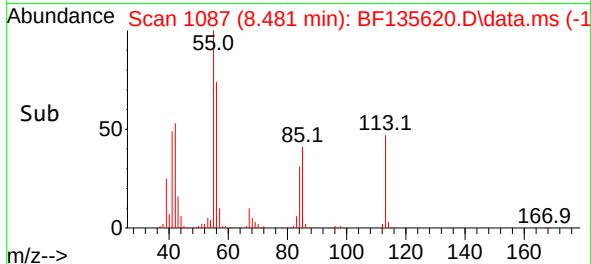
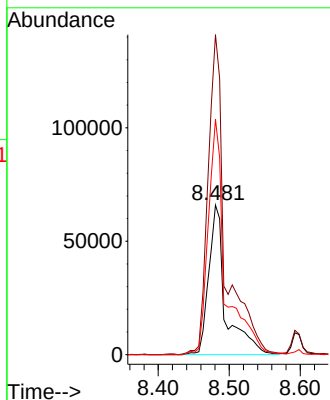
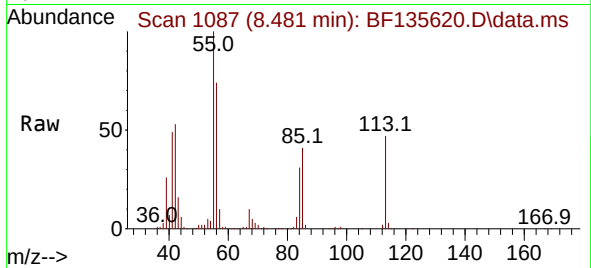




#35
 Caprolactam
 Concen: 43.493 ng
 RT: 8.481 min Scan# 1090
 Delta R.T. 0.012 min
 Lab File: BF135620.D
 Acq: 06 Oct 2023 10:19

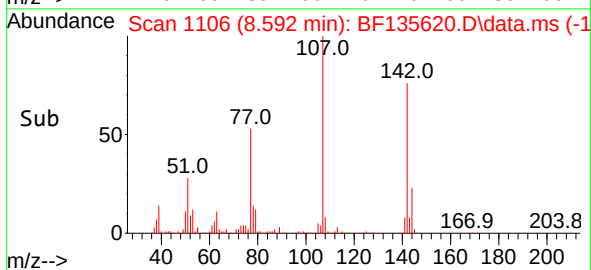
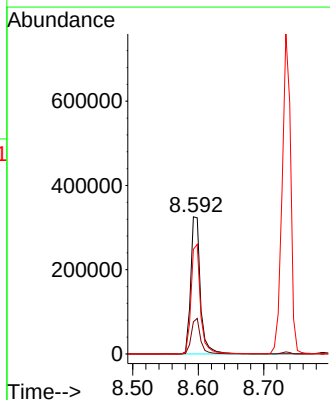
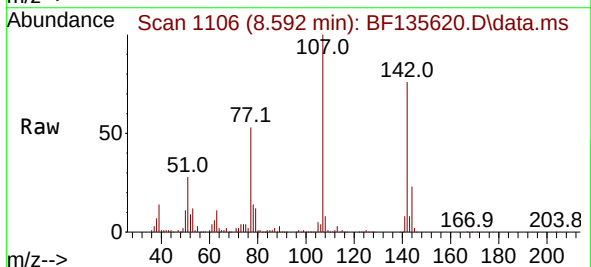
Instrument :
 BNA_F
 ClientSampleId :

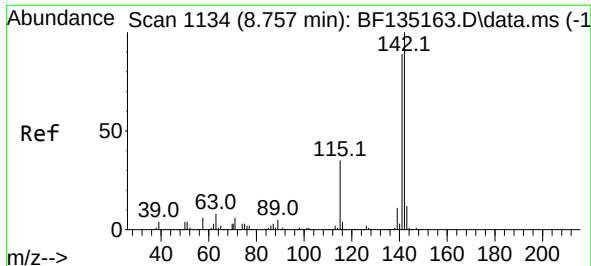
Tgt Ion:113 Resp: 109730
 Ion Ratio Lower Upper
 113 100
 55 213.8 199.3 239.3
 56 157.3 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.201 ng
 RT: 8.592 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF135620.D
 Acq: 06 Oct 2023 10:19

Tgt Ion:107 Resp: 335876
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.0 28.4
 142 76.3 60.2 90.2





#37

2-Methylnaphthalene

Concen: 38.239 ng

RT: 8.734 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

Instrument :

BNA_F

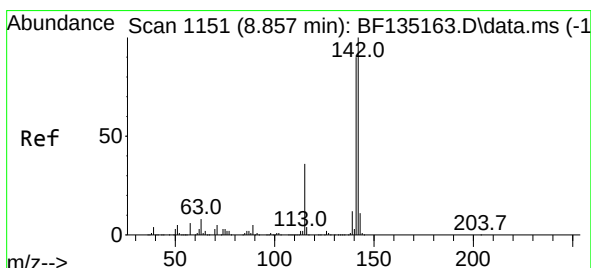
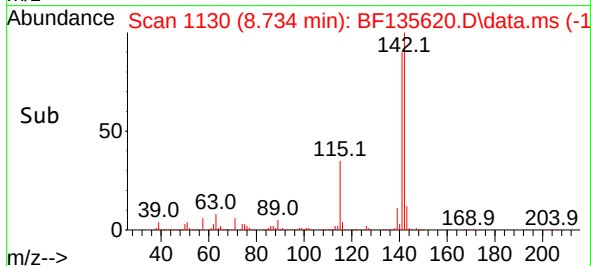
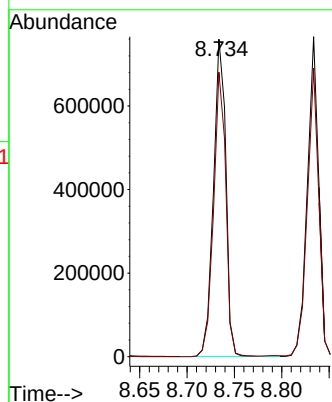
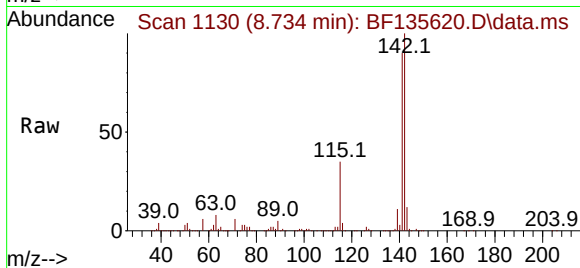
ClientSampleId :

Tgt Ion:142 Resp: 690336

Ion Ratio Lower Upper

142 100

141 89.6 71.0 106.6



#38

1-Methylnaphthalene

Concen: 38.109 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF135620.D

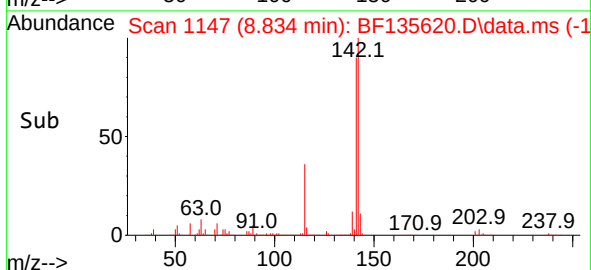
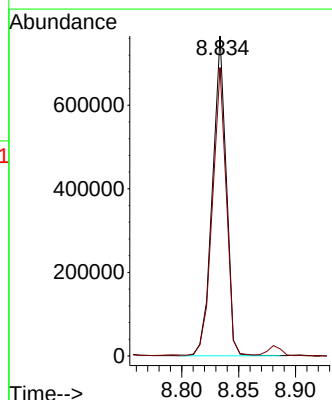
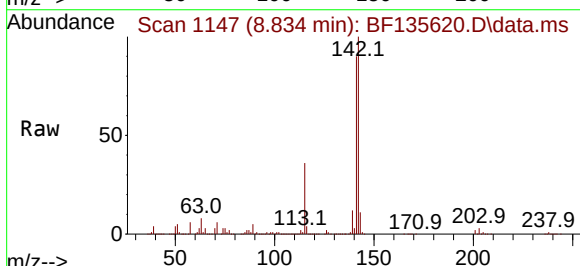
Acq: 06 Oct 2023 10:19

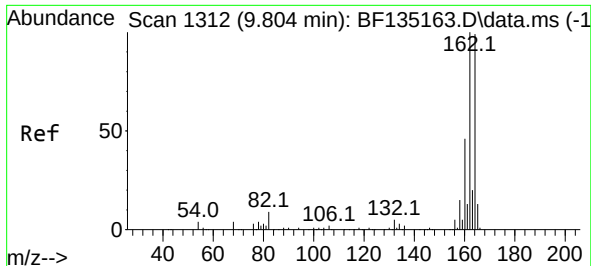
Tgt Ion:142 Resp: 644126

Ion Ratio Lower Upper

142 100

141 90.2 72.4 108.6

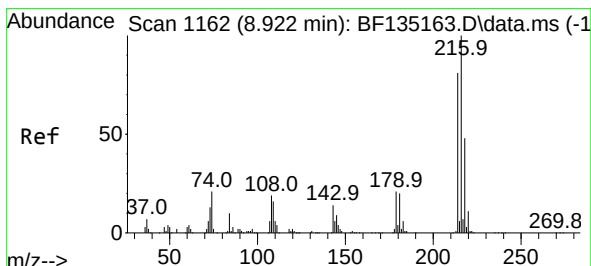
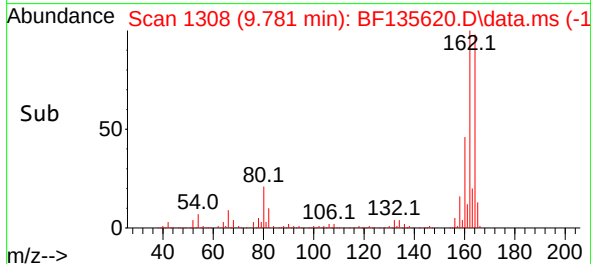
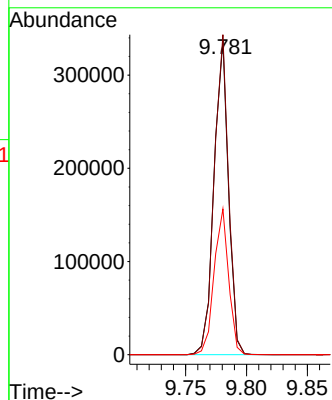
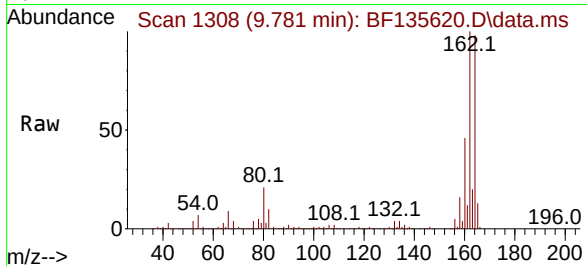




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

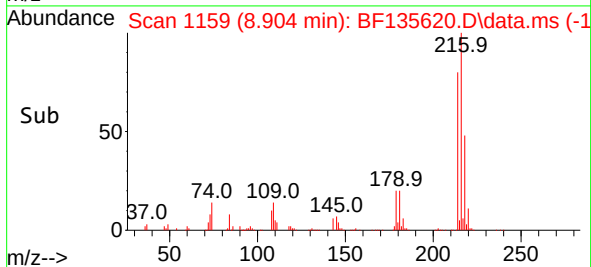
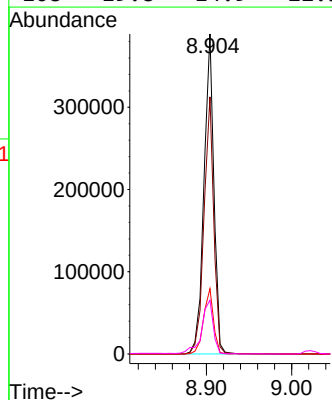
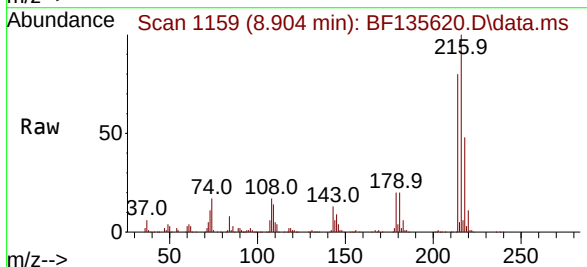
Instrument :
BNA_F
ClientSampleId :

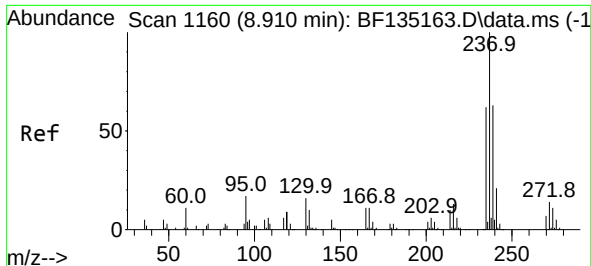
Tgt Ion:164 Resp: 279204
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.4
160 46.4 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.813 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Tgt Ion:216 Resp: 313948
Ion Ratio Lower Upper
216 100
214 79.1 63.7 95.5
179 20.4 16.7 25.1
108 19.8 14.9 22.3

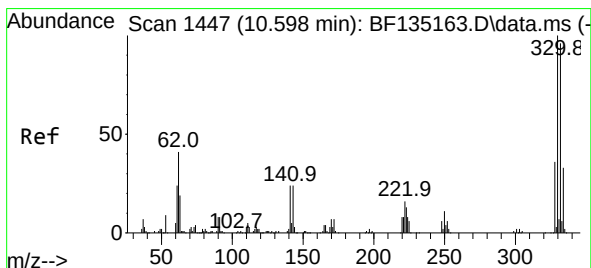
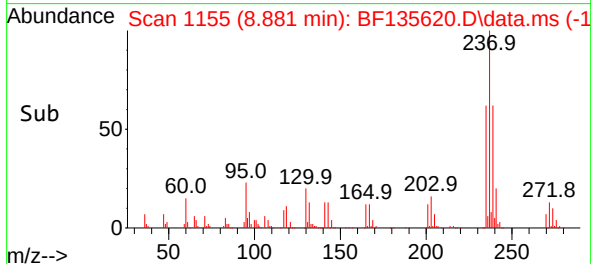
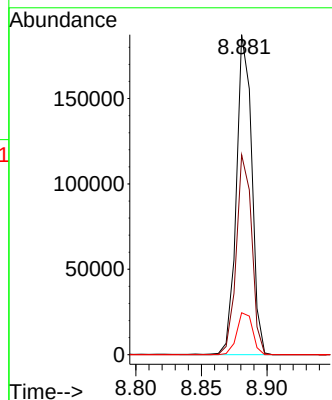
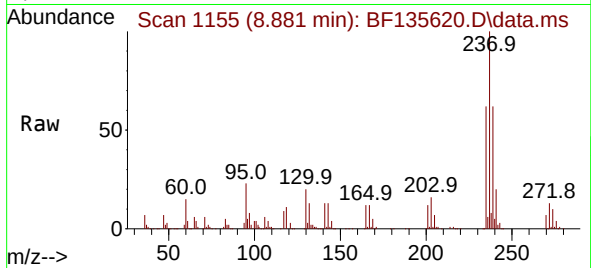




#41
Hexachlorocyclopentadiene
Concen: 46.508 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

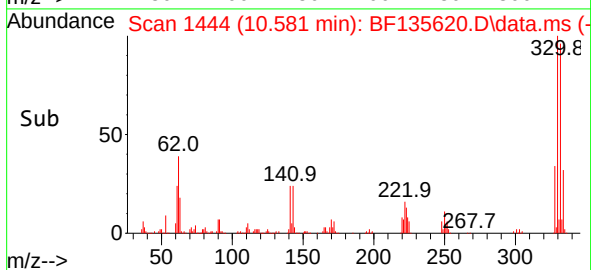
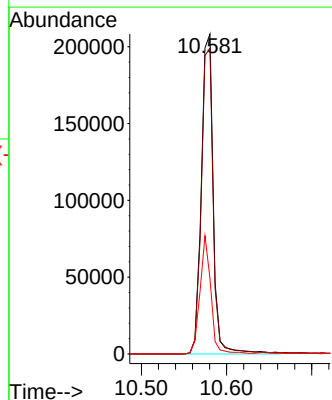
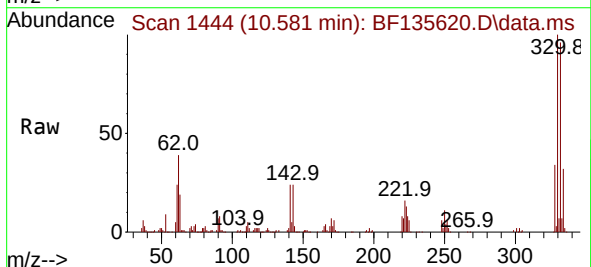
Instrument :
BNA_F
ClientSampleId :

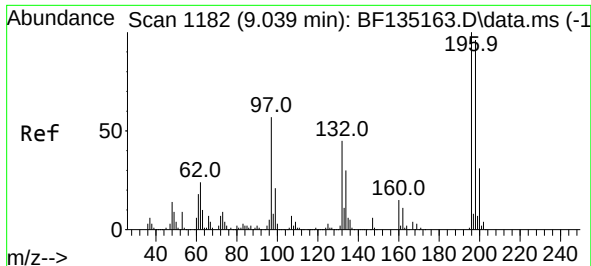
Tgt Ion:237 Resp: 153622
Ion Ratio Lower Upper
237 100
235 62.5 41.8 81.8
272 13.1 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 72.861 ng
RT: 10.581 min Scan# 1444
Delta R.T. 0.012 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Tgt Ion:330 Resp: 202160
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 33.8 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 38.106 ng

RT: 9.022 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

Instrument :

BNA_F

ClientSampleId :

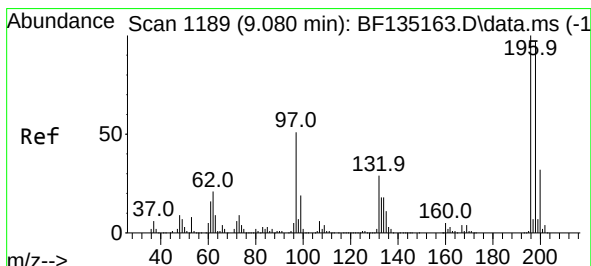
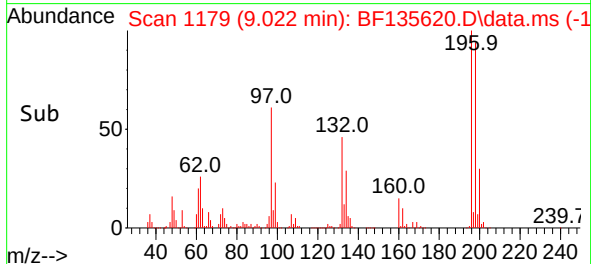
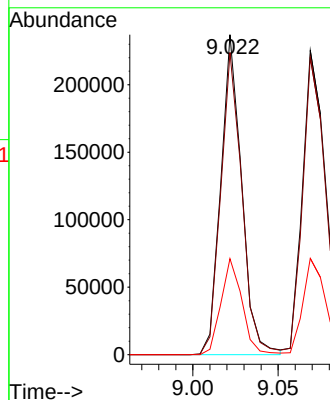
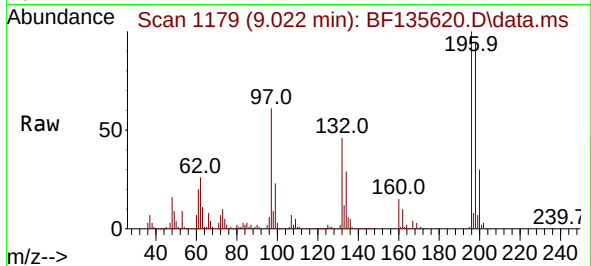
Tgt Ion:196 Resp: 201811

Ion Ratio Lower Upper

196 100

198 94.4 77.0 115.6

200 30.0 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 38.723 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.006 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

Tgt Ion:196 Resp: 236171

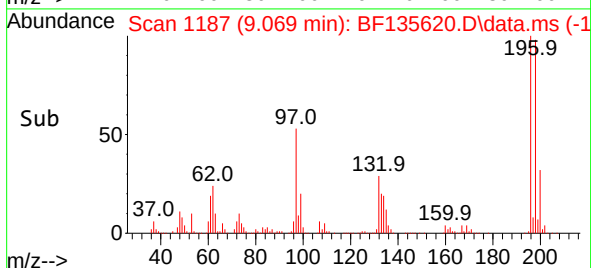
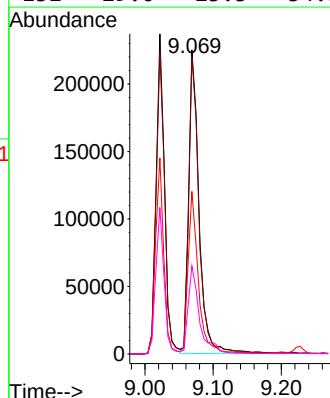
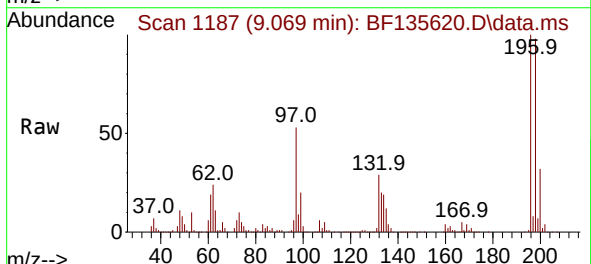
Ion Ratio Lower Upper

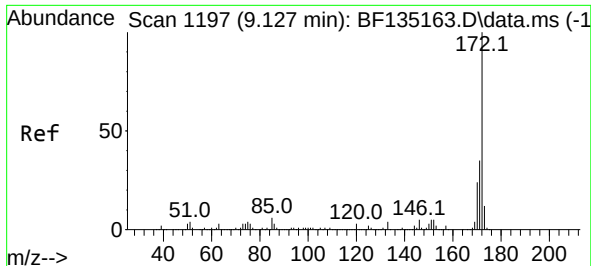
196 100

198 97.7 77.5 116.3

97 53.4 40.5 60.7

132 29.0 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 72.363 ng

RT: 9.104 min Scan# 1193

Delta R.T. 0.006 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

Instrument :

BNA_F

ClientSampleId :

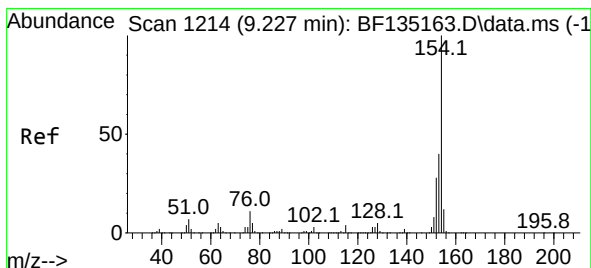
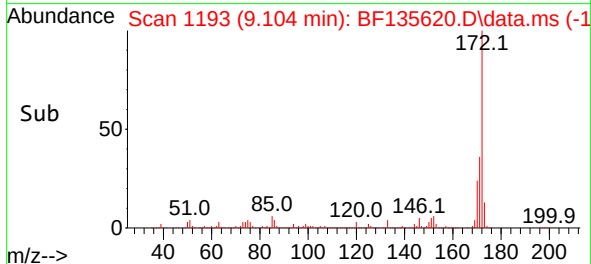
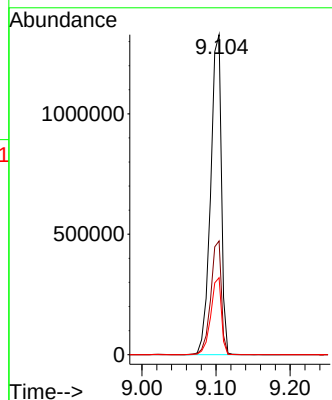
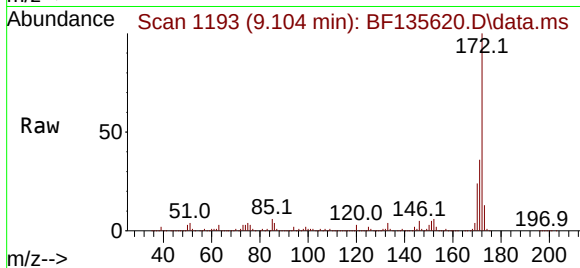
Tgt Ion:172 Resp: 1339156

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.1 19.0 28.4



#46

1,1'-Biphenyl

Concen: 39.005 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.006 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

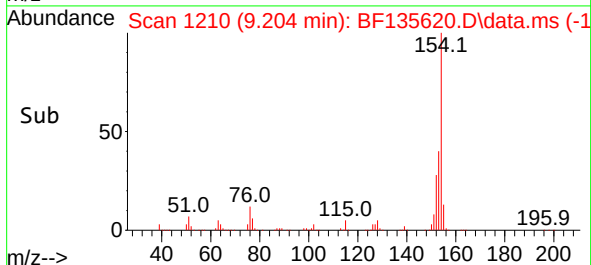
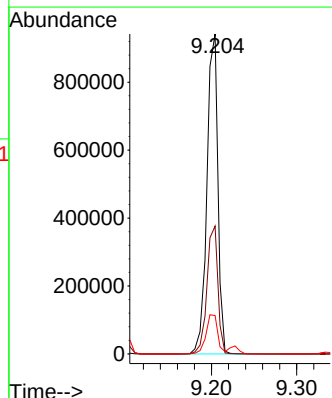
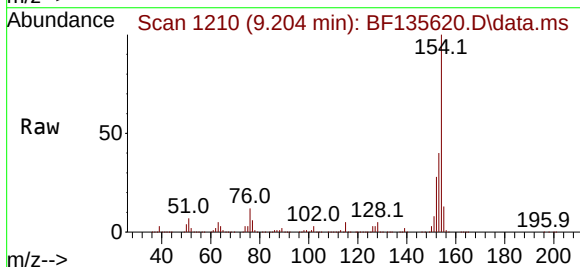
Tgt Ion:154 Resp: 836911

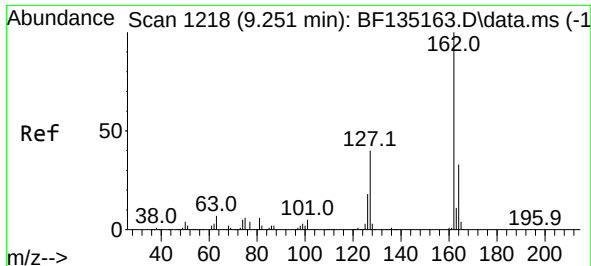
Ion Ratio Lower Upper

154 100

153 40.0 19.6 59.6

76 12.0 0.0 31.0

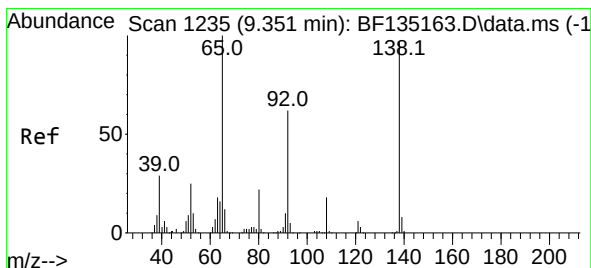
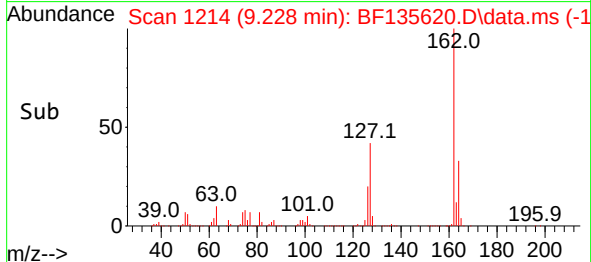
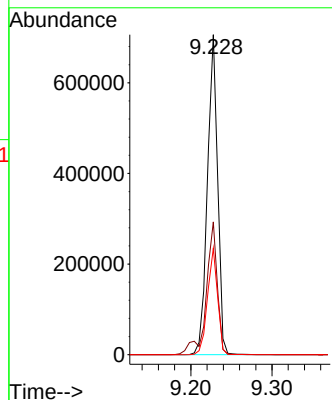
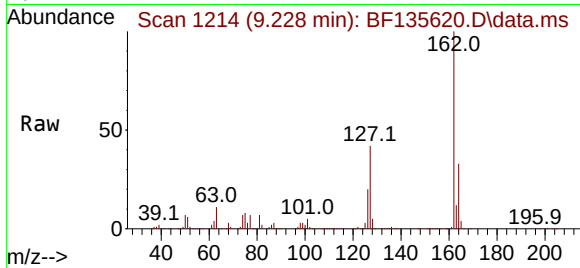




#47
2-Chloronaphthalene
Concen: 39.475 ng
RT: 9.228 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

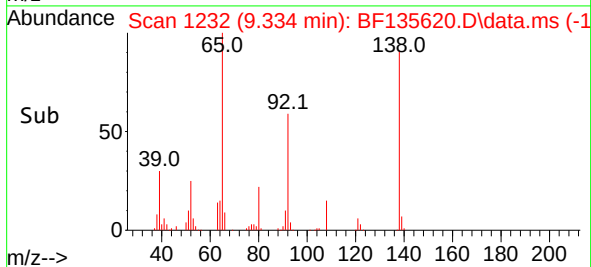
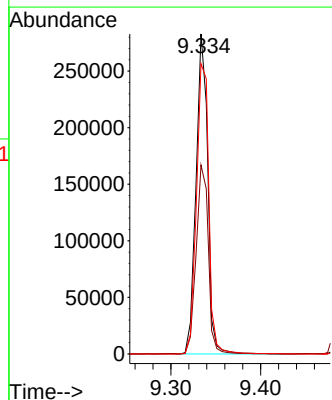
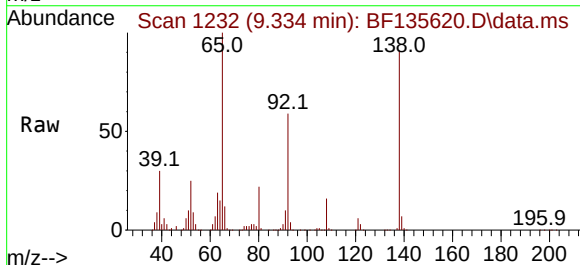
Instrument :
BNA_F
ClientSampleId :

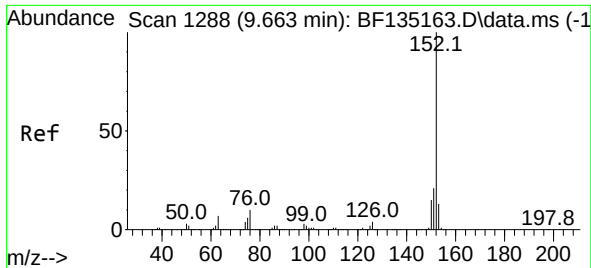
Tgt Ion:162 Resp: 614547
Ion Ratio Lower Upper
162 100
127 41.5 32.6 48.8
164 33.3 26.2 39.2



#48
2-Nitroaniline
Concen: 42.337 ng
RT: 9.334 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Tgt Ion: 65 Resp: 256057
Ion Ratio Lower Upper
65 100
92 59.1 49.4 74.0
138 90.7 77.4 116.0

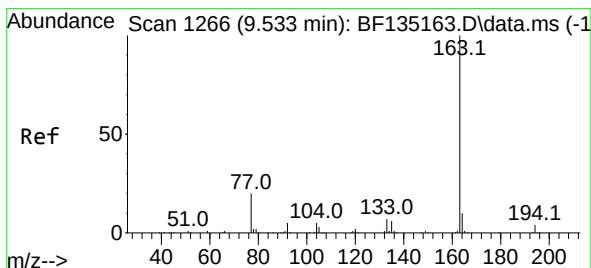
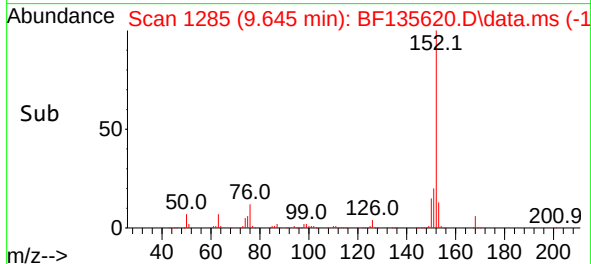
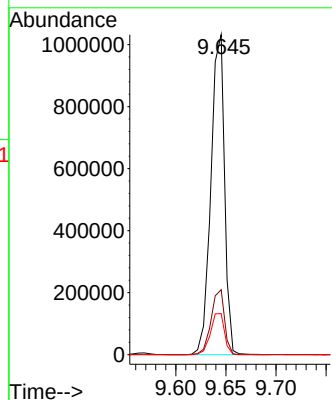
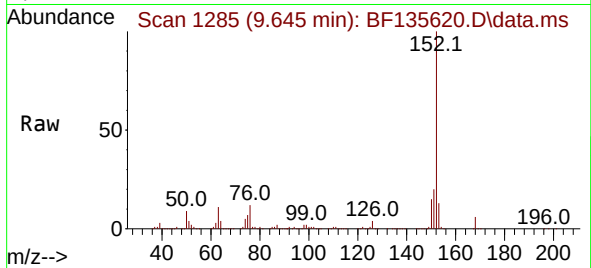




#49
Acenaphthylene
Concen: 37.893 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

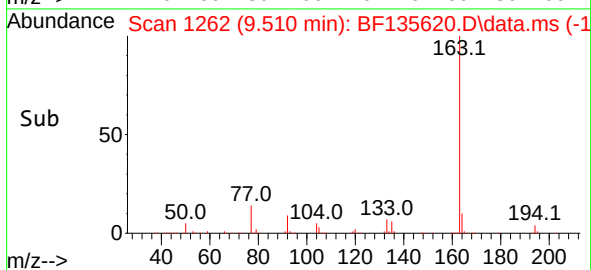
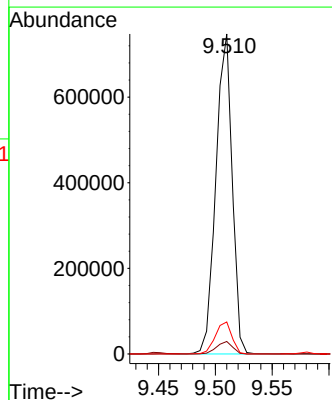
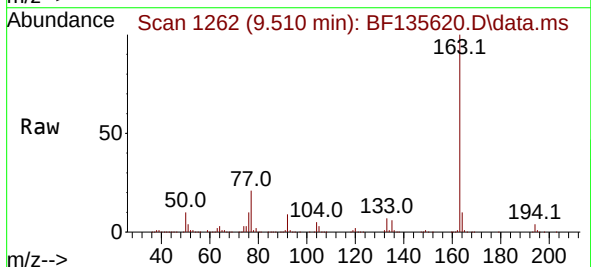
Instrument :
BNA_F
ClientSampleId :

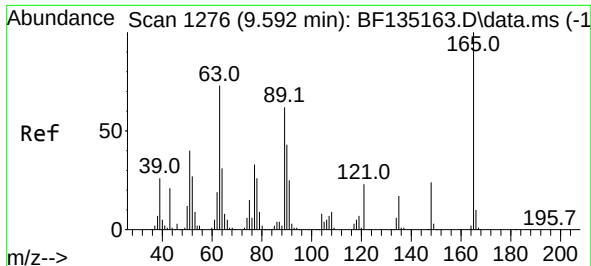
Tgt Ion:152 Resp: 980394
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 12.9 10.4 15.6



#50
Dimethylphthalate
Concen: 39.524 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Tgt Ion:163 Resp: 746105
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.0 8.1 12.1

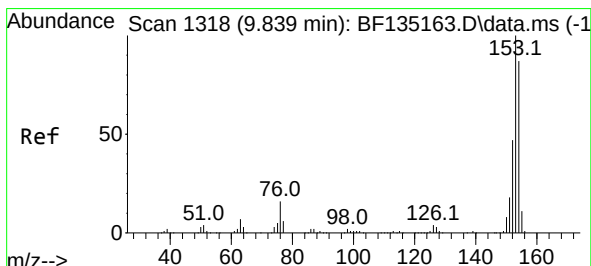
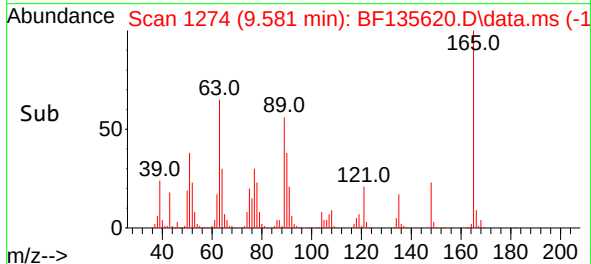
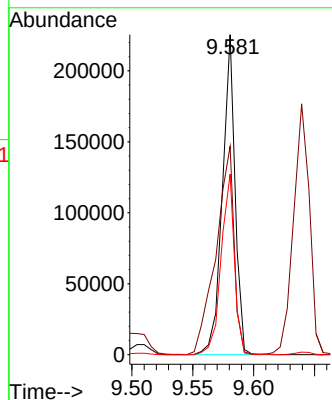
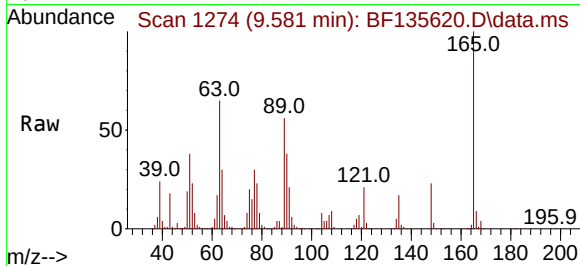




#51
2,6-Dinitrotoluene
Concen: 39.692 ng
RT: 9.581 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

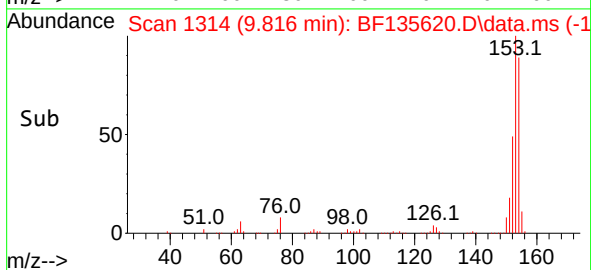
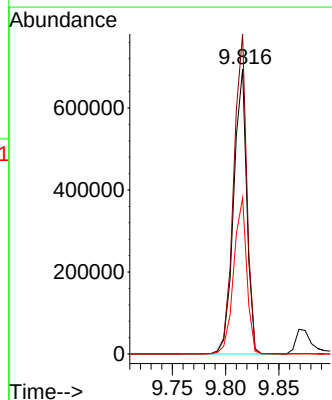
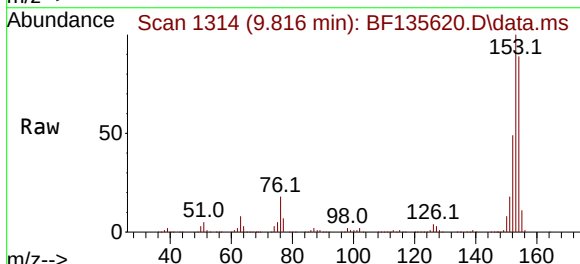
Instrument :
BNA_F
ClientSampleId :

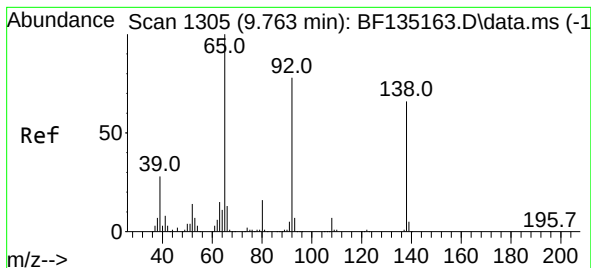
Tgt Ion:165 Resp: 164140
Ion Ratio Lower Upper
165 100
63 65.1 59.4 89.2
89 56.5 49.8 74.8



#52
Acenaphthene
Concen: 39.148 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Tgt Ion:154 Resp: 598348
Ion Ratio Lower Upper
154 100
153 112.4 92.1 138.1
152 54.8 43.1 64.7





#53

3-Nitroaniline

Concen: 41.024 ng

RT: 9.751 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

Instrument :

BNA_F

ClientSampleId :

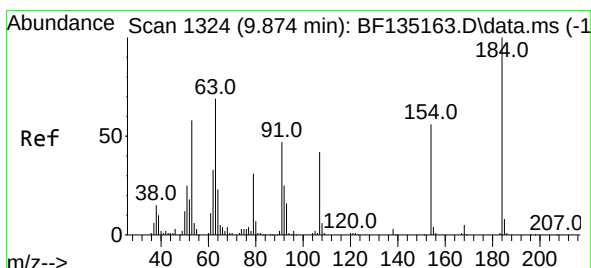
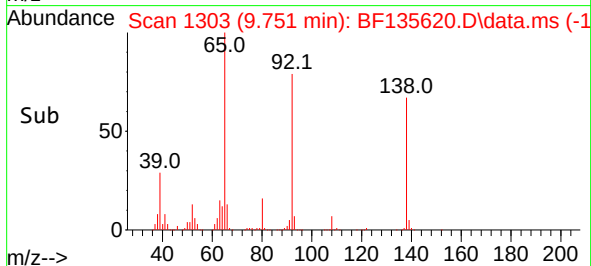
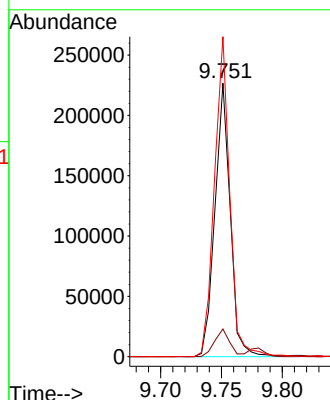
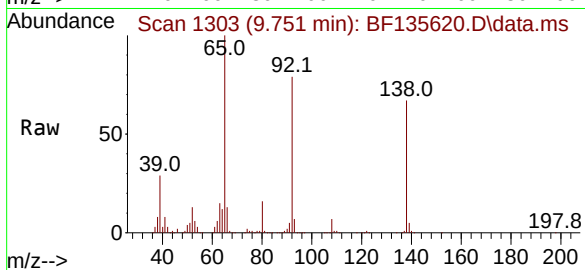
Tgt Ion:138 Resp: 199136

Ion Ratio Lower Upper

138 100

108 10.1 8.5 12.7

92 117.0 95.4 143.0



#54

2,4-Dinitrophenol

Concen: 54.620 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.012 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

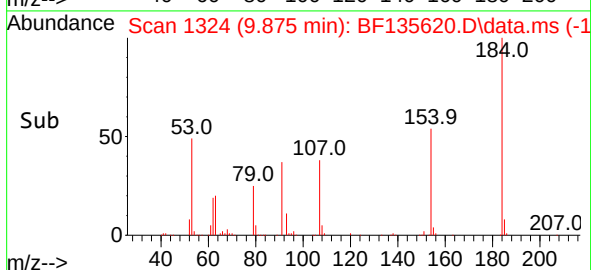
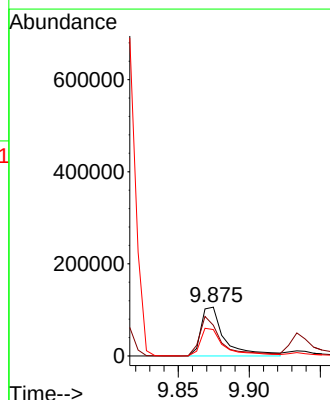
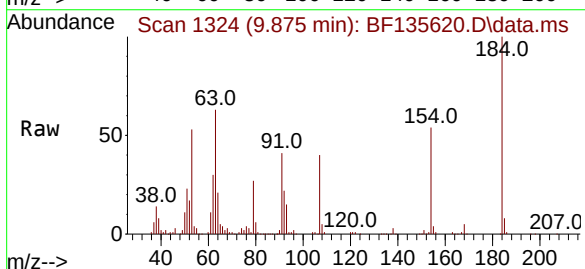
Tgt Ion:184 Resp: 123179

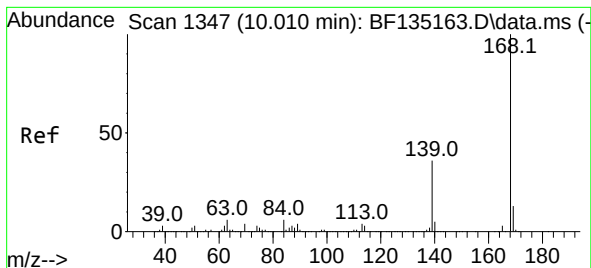
Ion Ratio Lower Upper

184 100

63 62.7 55.1 82.7

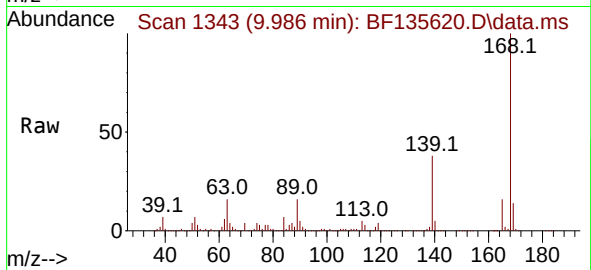
154 53.9 48.4 72.6



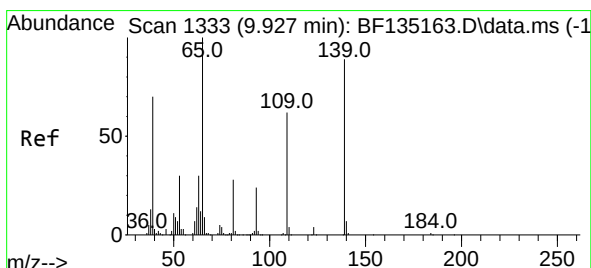
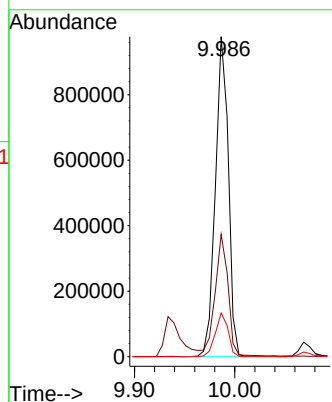
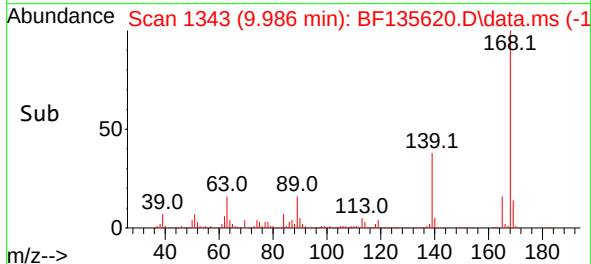


#55
Dibenzofuran
Concen: 37.529 ng
RT: 9.986 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Instrument :
BNA_F
ClientSampleId :

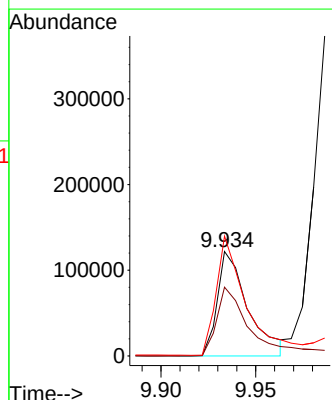
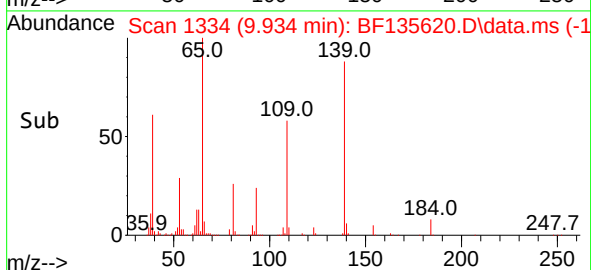
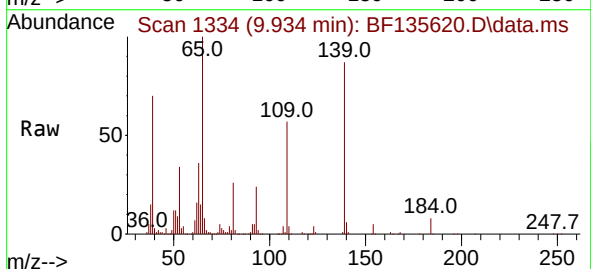


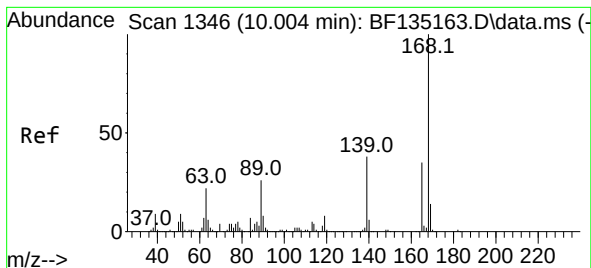
Tgt Ion:168 Resp: 875305
Ion Ratio Lower Upper
168 100
139 38.2 29.0 43.6
169 13.6 10.4 15.6



#56
4-Nitrophenol
Concen: 44.589 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Tgt Ion:139 Resp: 137560
Ion Ratio Lower Upper
139 100
109 65.9 49.8 89.8
65 114.6 92.7 132.7

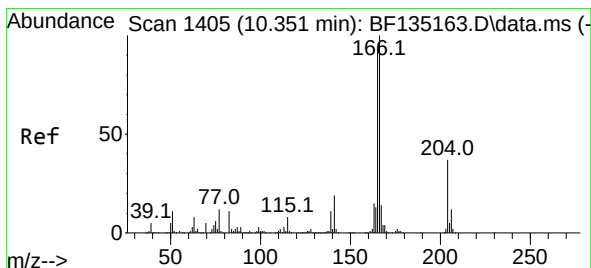
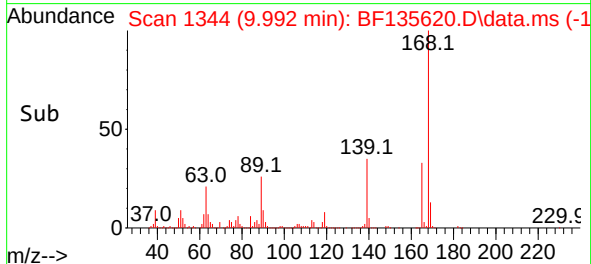
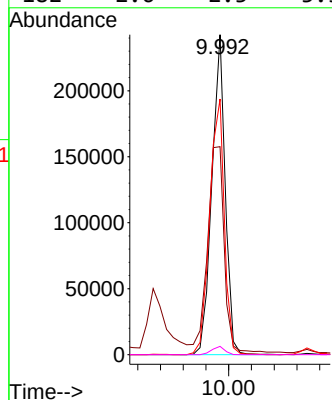
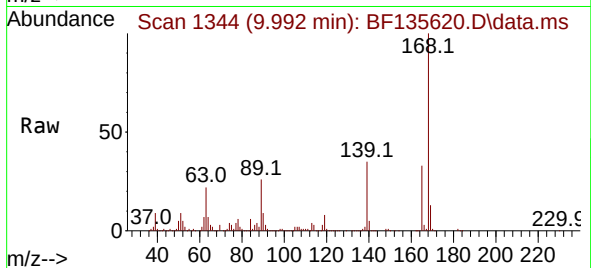




#57
2,4-Dinitrotoluene
Concen: 38.097 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

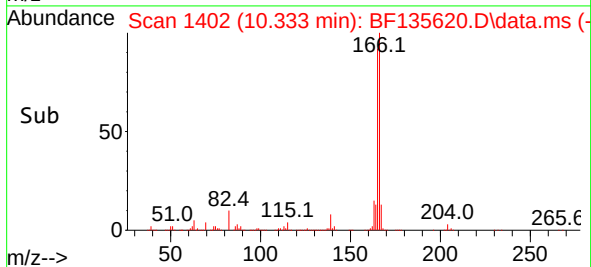
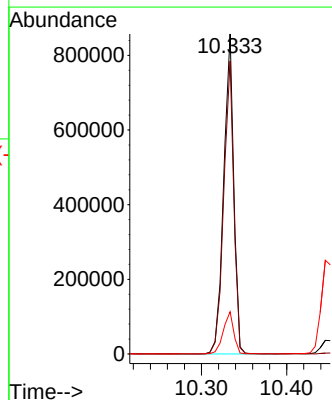
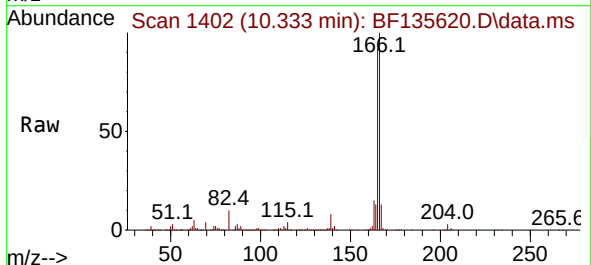
Instrument :
BNA_F
ClientSampleId :

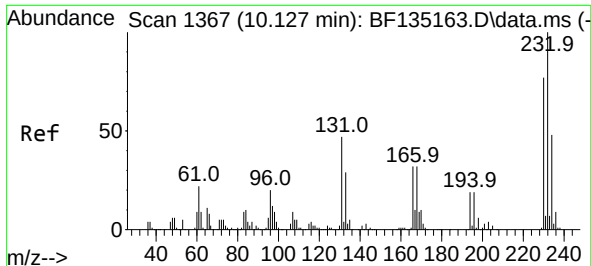
Tgt Ion:165 Resp: 197229
Ion Ratio Lower Upper
165 100
63 65.0 50.1 75.1
89 79.9 59.3 88.9
182 2.6 2.3 3.5



#58
Fluorene
Concen: 39.178 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Tgt Ion:166 Resp: 702470
Ion Ratio Lower Upper
166 100
165 91.6 74.3 111.5
167 13.2 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 37.350 ng

RT: 10.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:232 Resp: 175233

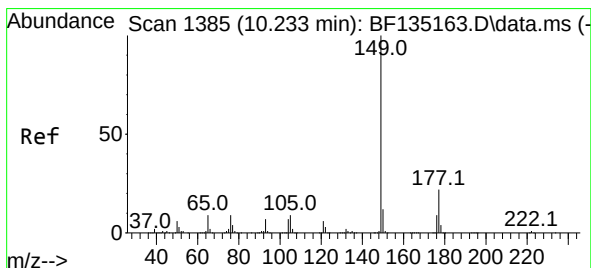
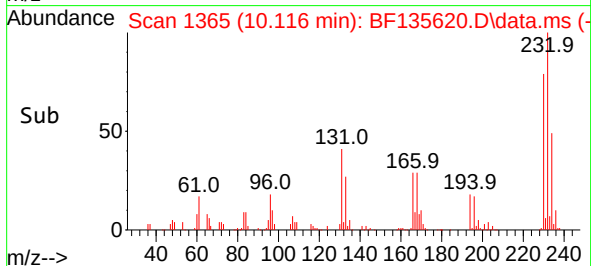
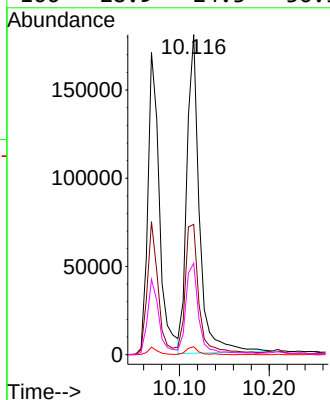
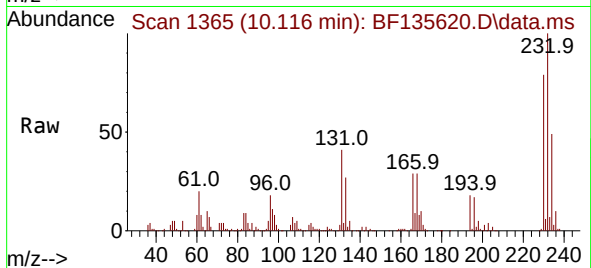
Ion Ratio Lower Upper

232 100

131 44.0 35.4 53.2

130 2.5 1.8 2.8

166 28.9 24.3 36.5



#60

Diethylphthalate

Concen: 39.842 ng

RT: 10.210 min Scan# 1381

Delta R.T. 0.006 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

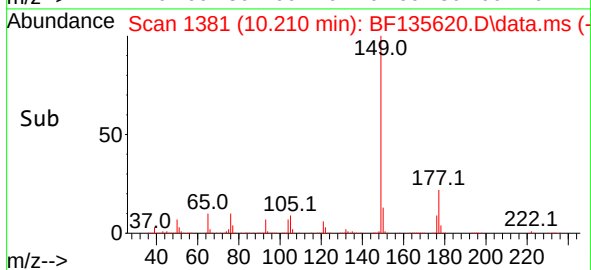
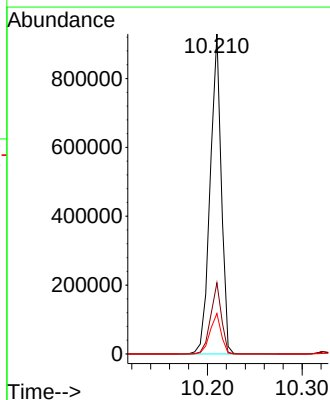
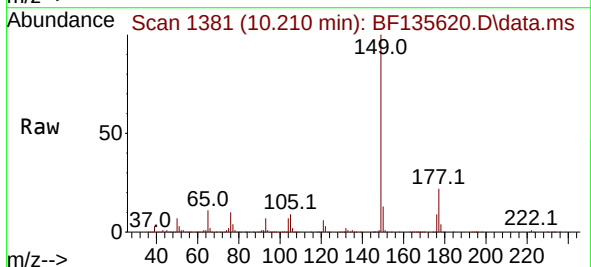
Tgt Ion:149 Resp: 754807

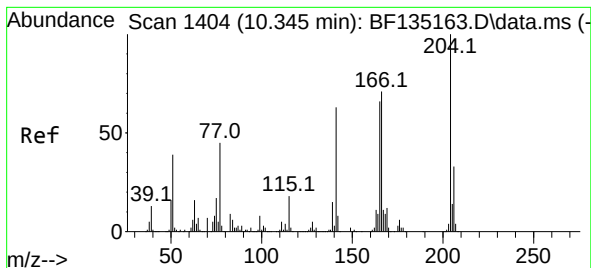
Ion Ratio Lower Upper

149 100

177 22.2 17.8 26.6

150 12.6 10.0 15.0

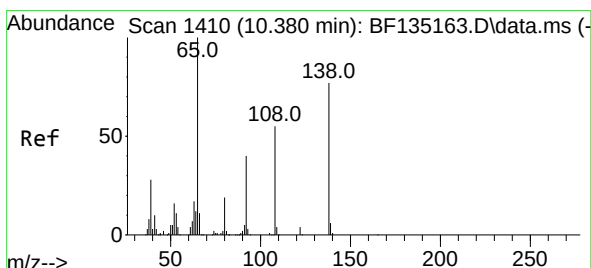
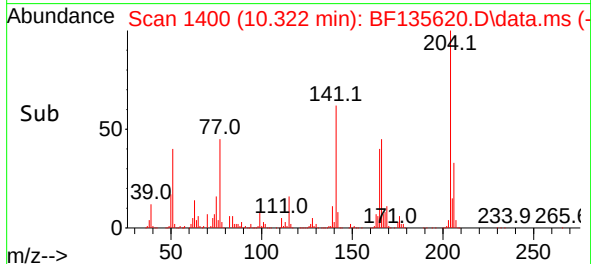
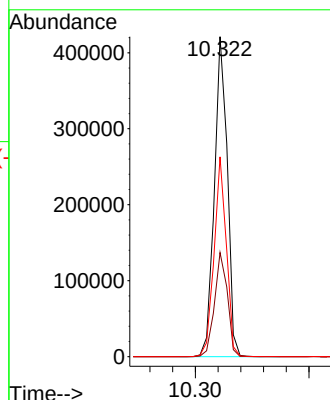
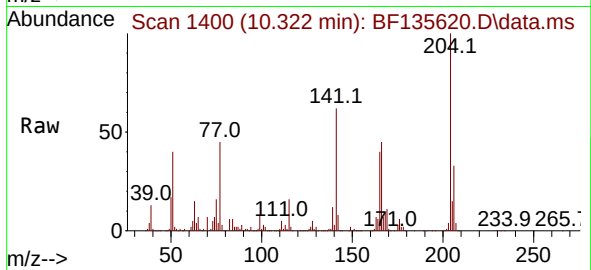




#61
4-Chlorophenyl-phenylether
Concen: 38.615 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

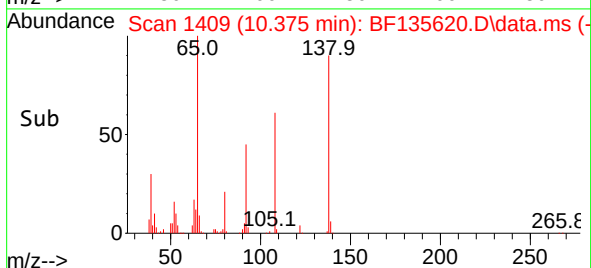
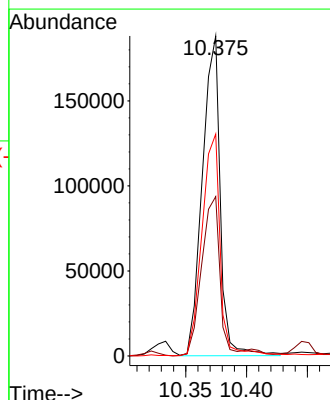
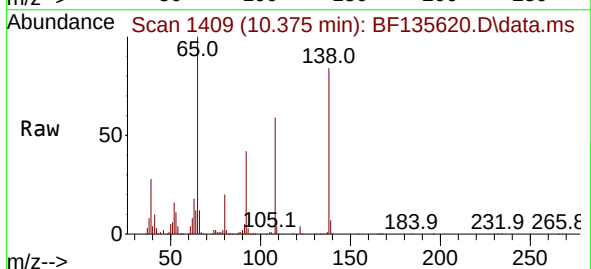
Instrument :
BNA_F
ClientSampleId :

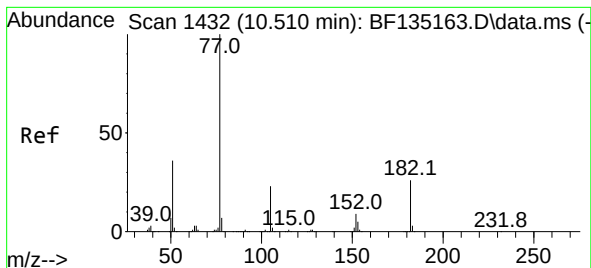
Tgt Ion:204 Resp: 332593
Ion Ratio Lower Upper
204 100
206 32.5 26.7 40.1
141 62.4 50.6 75.8



#62
4-Nitroaniline
Concen: 41.250 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.012 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Tgt Ion:138 Resp: 192477
Ion Ratio Lower Upper
138 100
92 49.8 31.8 71.8
108 69.4 52.0 92.0





#63

Azobenzene

Concen: 41.600 ng

RT: 10.486 min Scan# 1432

Delta R.T. 0.006 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 771309

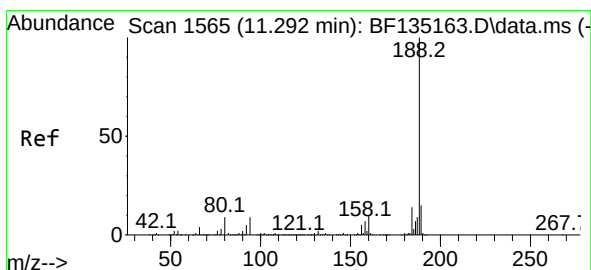
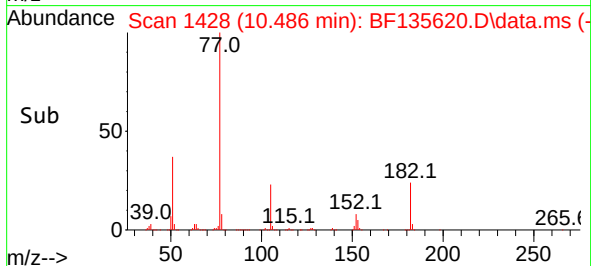
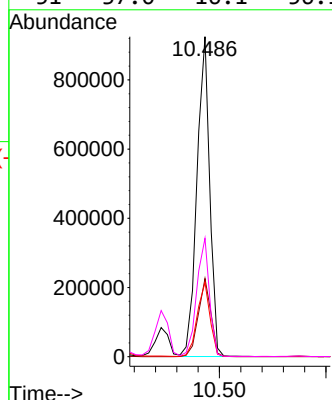
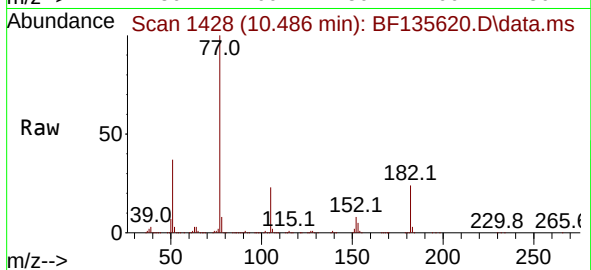
Ion Ratio Lower Upper

77 100

182 24.5 6.4 46.4

105 23.2 3.1 43.1

51 37.0 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 1562

Delta R.T. 0.006 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

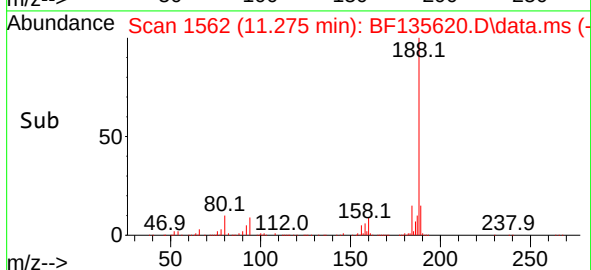
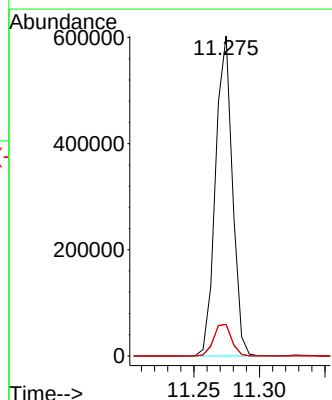
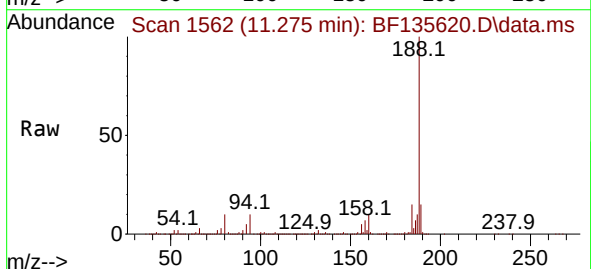
Tgt Ion: 188 Resp: 538943

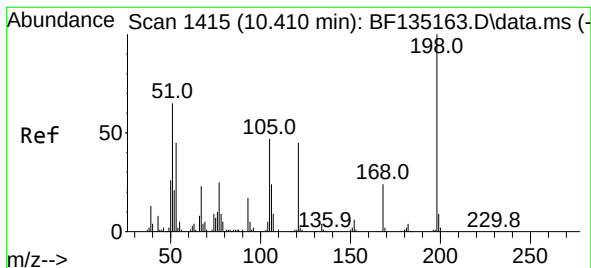
Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.6

80 9.9 7.5 11.3

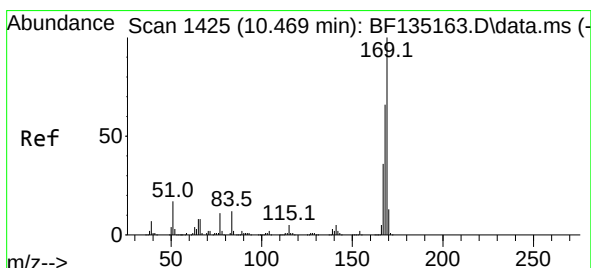
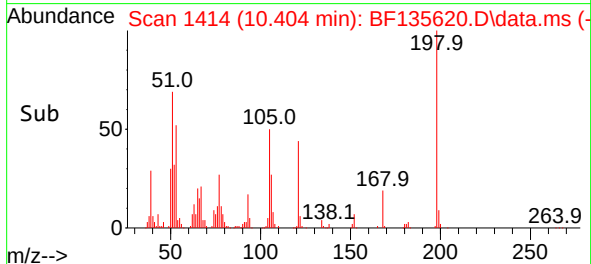
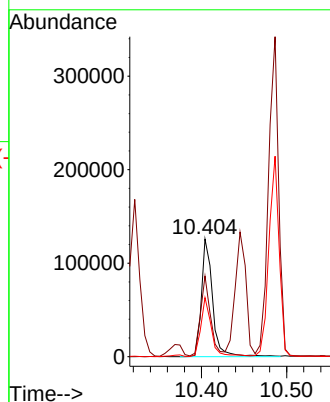
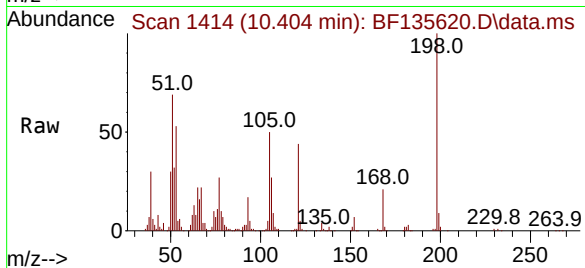




#65
4,6-Dinitro-2-methylphenol
Concen: 40.103 ng
RT: 10.404 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

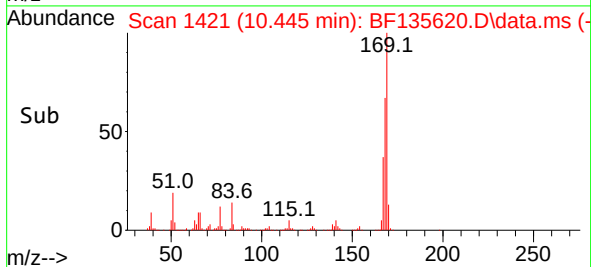
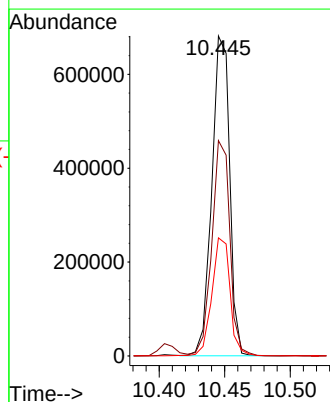
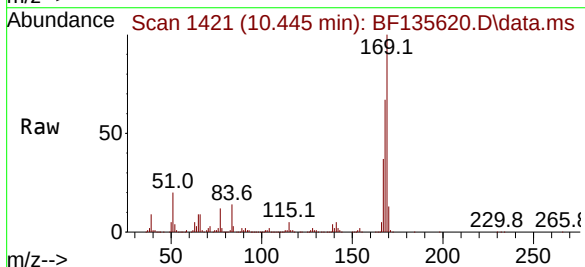
Instrument :
BNA_F
ClientSampleId :

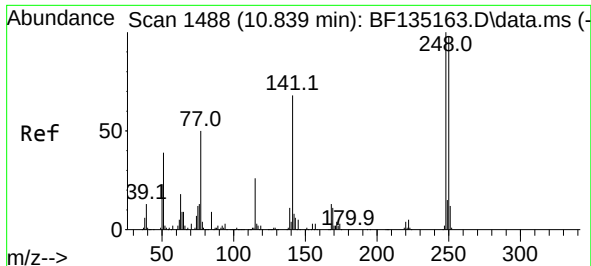
Tgt Ion:198 Resp: 114796
Ion Ratio Lower Upper
198 100
51 68.6 47.7 87.7
105 50.2 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 39.408 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Tgt Ion:169 Resp: 643000
Ion Ratio Lower Upper
169 100
168 67.3 52.8 79.2
167 36.9 29.0 43.6

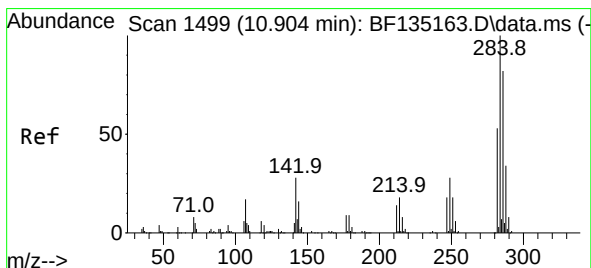
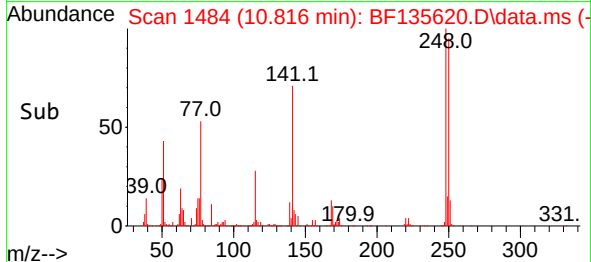
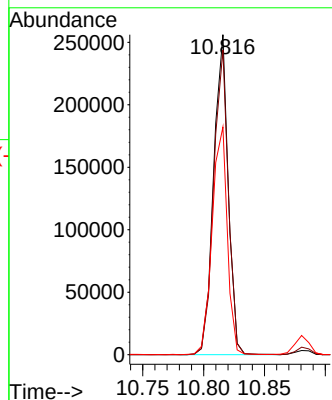
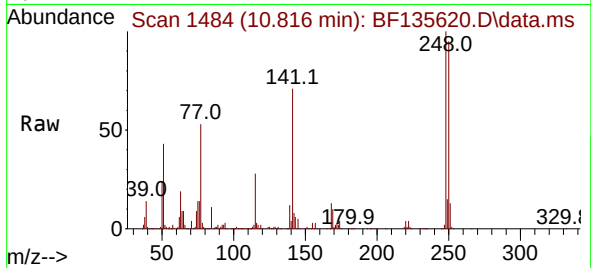




#67
4-Bromophenyl-phenylether
Concen: 39.941 ng
RT: 10.816 min Scan# 1488
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

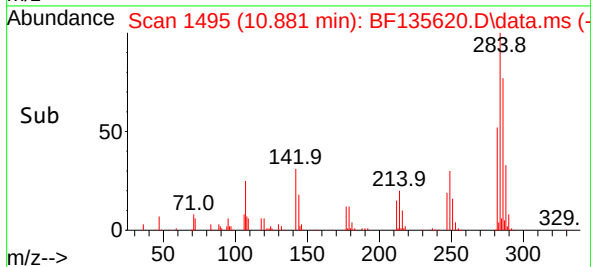
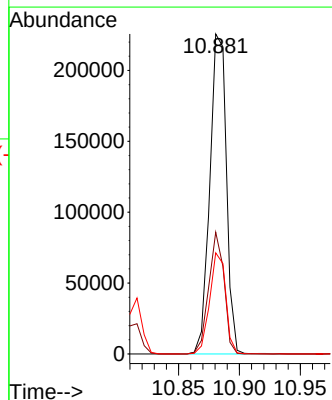
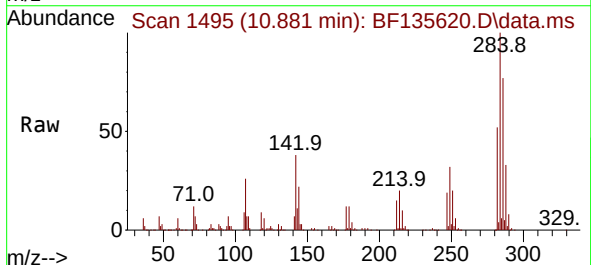
Instrument :
BNA_F
ClientSampleId :

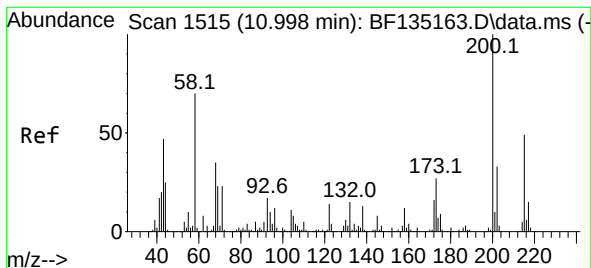
Tgt Ion:248 Resp: 214091
Ion Ratio Lower Upper
248 100
250 95.3 78.6 117.8
141 71.2 54.2 81.2



#68
Hexachlorobenzene
Concen: 39.252 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Tgt Ion:284 Resp: 214350
Ion Ratio Lower Upper
284 100
142 38.1 22.2 33.4#
249 31.6 22.5 33.7





#69

Atrazine

Concen: 38.577 ng

RT: 10.980 min Scan# 1

Delta R.T. 0.006 min

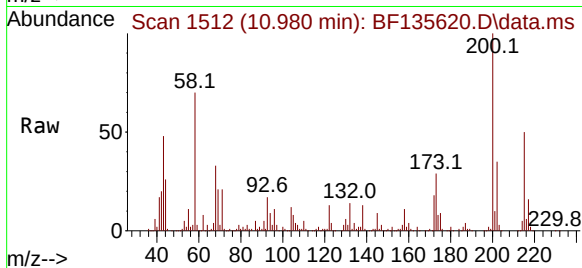
Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

Instrument :

BNA_F

ClientSampleId :



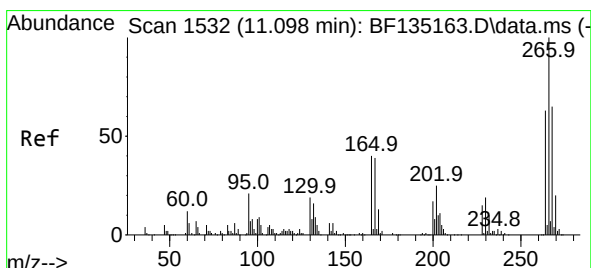
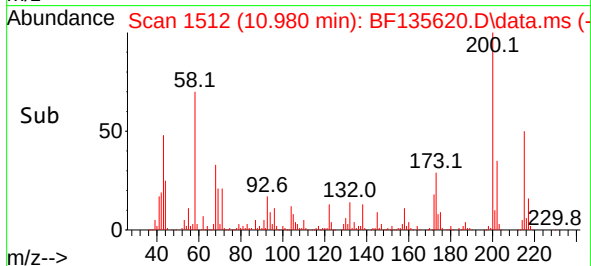
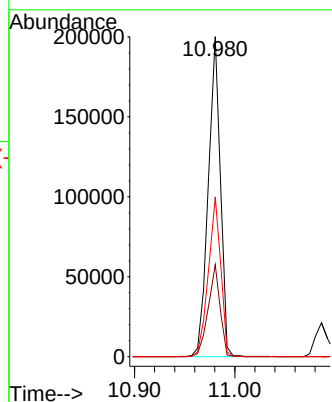
Tgt Ion:200 Resp: 169361

Ion Ratio Lower Upper

200 100

173 28.8 7.4 47.4

215 49.9 28.6 68.6



#70

Pentachlorophenol

Concen: 40.545 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

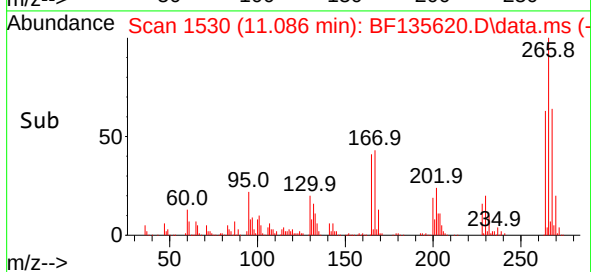
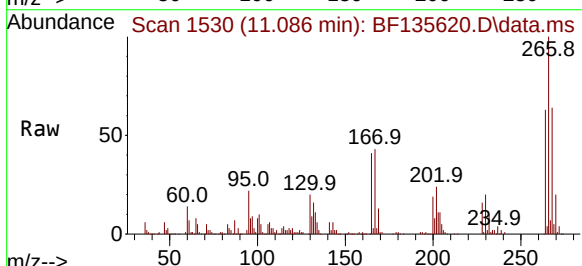
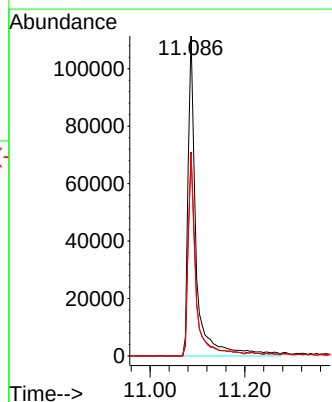
Tgt Ion:266 Resp: 132467

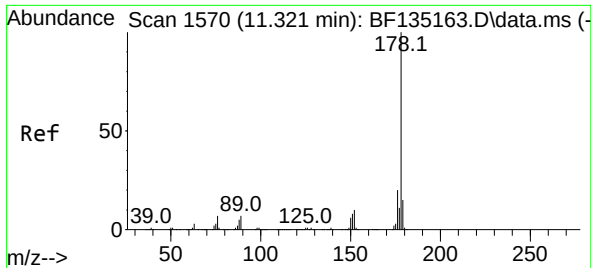
Ion Ratio Lower Upper

266 100

268 63.7 52.1 78.1

264 63.2 50.8 76.2

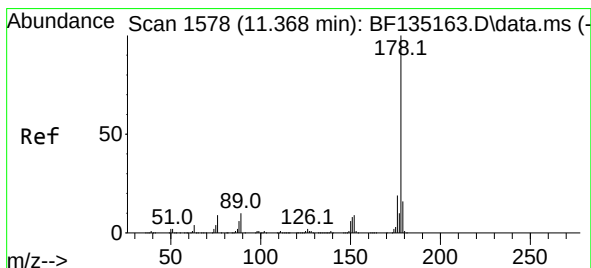
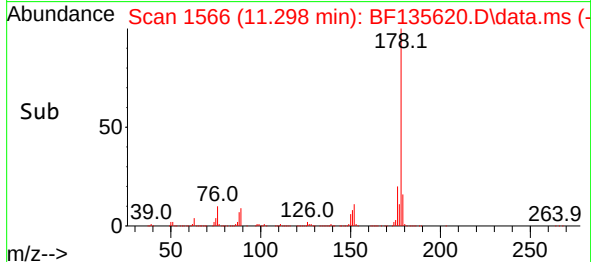
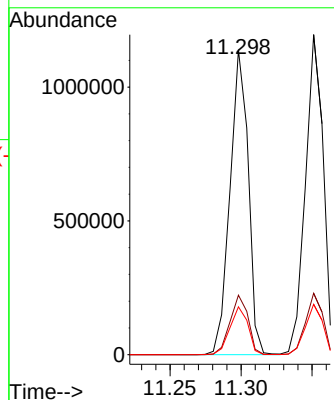
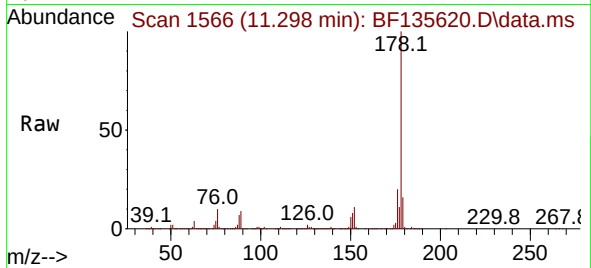




#71
Phenanthrene
Concen: 40.091 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

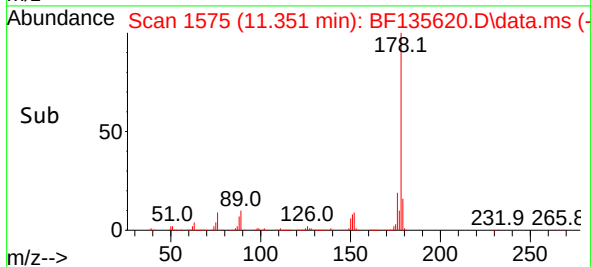
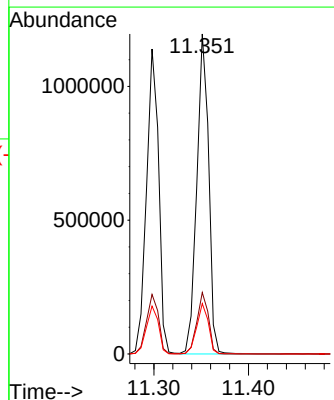
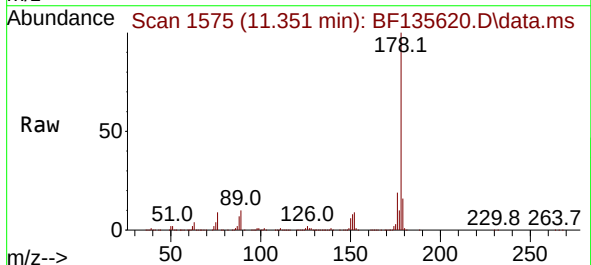
Instrument :
BNA_F
ClientSampleId :

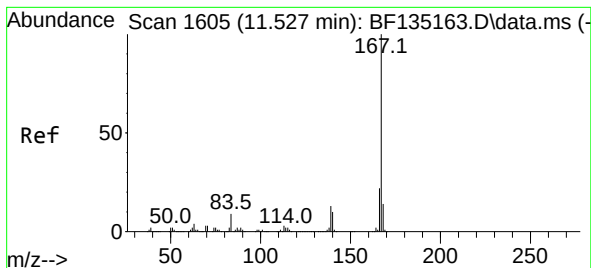
Tgt Ion:178 Resp: 1021898
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.7 12.0 18.0



#72
Anthracene
Concen: 39.935 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Tgt Ion:178 Resp: 1046332
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.7 12.6 19.0





#73

Carbazole

Concen: 41.725 ng

RT: 11.516 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

Instrument :

BNA_F

ClientSampleId :

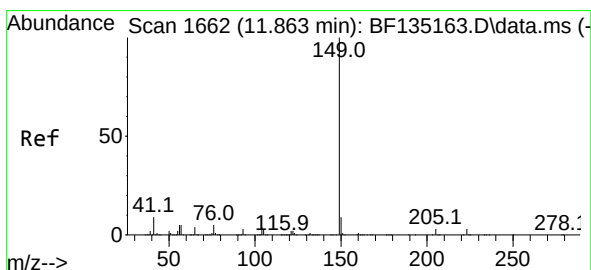
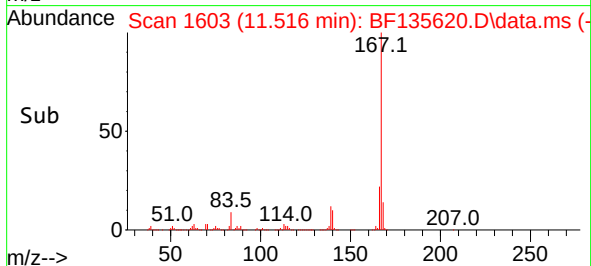
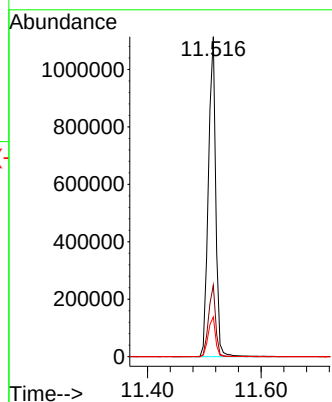
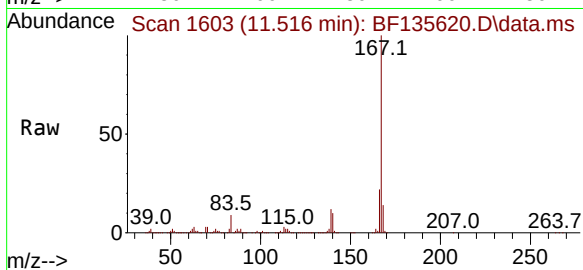
Tgt Ion:167 Resp: 995178

Ion Ratio Lower Upper

167 100

166 22.4 17.4 26.0

139 12.4 10.6 15.8



#74

Di-n-butylphthalate

Concen: 43.448 ng

RT: 11.839 min Scan# 1658

Delta R.T. 0.006 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

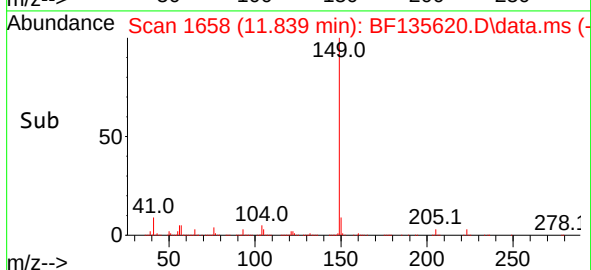
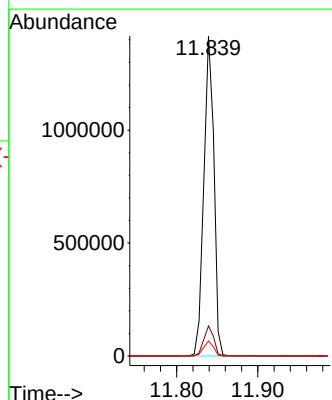
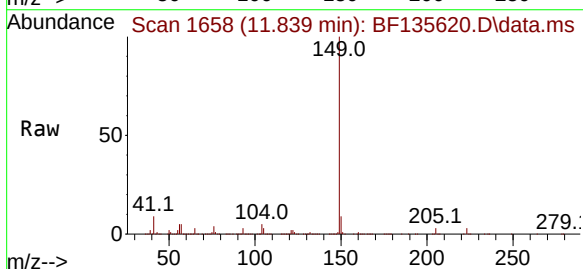
Tgt Ion:149 Resp: 1221089

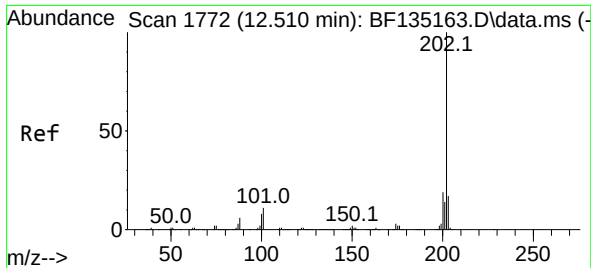
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

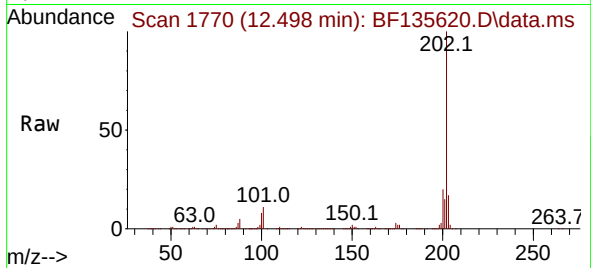
104 4.7 3.6 5.4



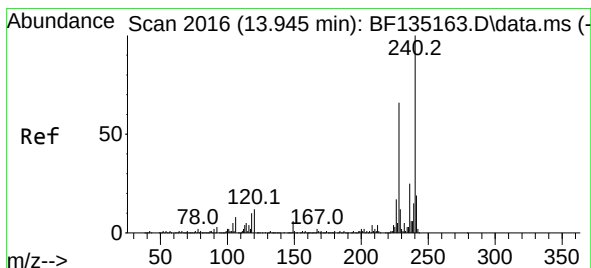
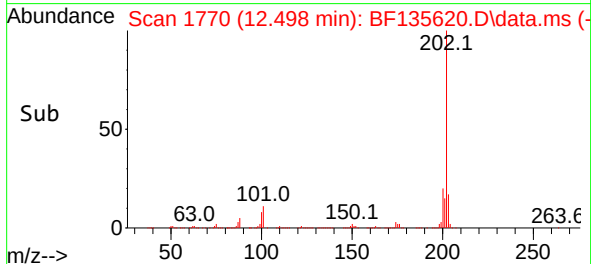
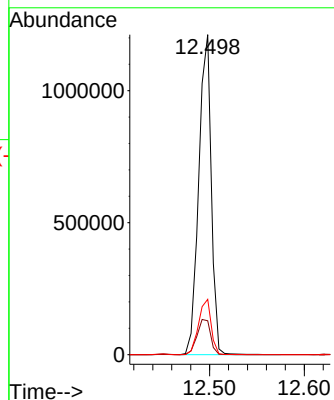


#75
Fluoranthene
Concen: 41.920 ng
RT: 12.498 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Instrument :
BNA_F
ClientSampleId :

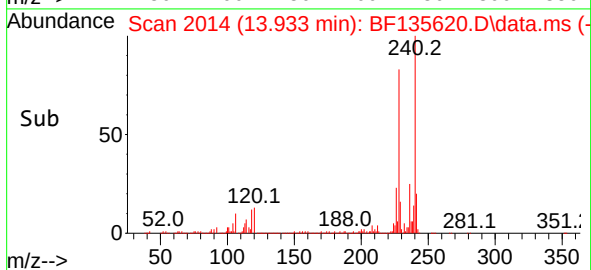
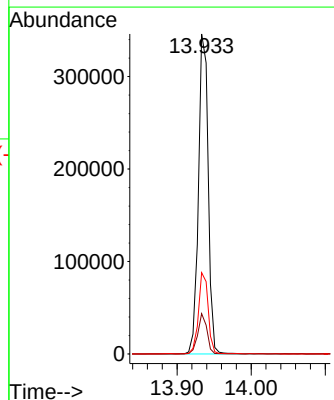
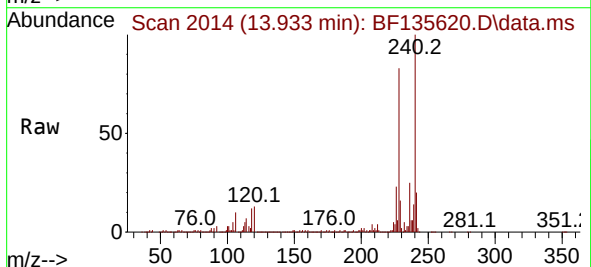


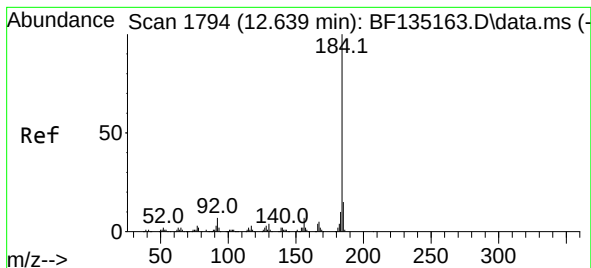
Tgt Ion:202 Resp: 1113393
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.3
203 17.3 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Tgt Ion:240 Resp: 315466
Ion Ratio Lower Upper
240 100
120 12.6 9.4 14.2
236 25.4 19.8 29.8





#77

Benzidine

Concen: 35.736 ng

RT: 12.622 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

Instrument :

BNA_F

ClientSampleId :

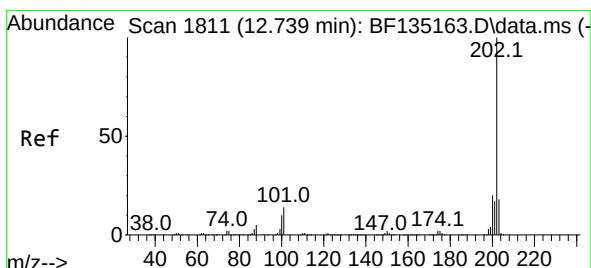
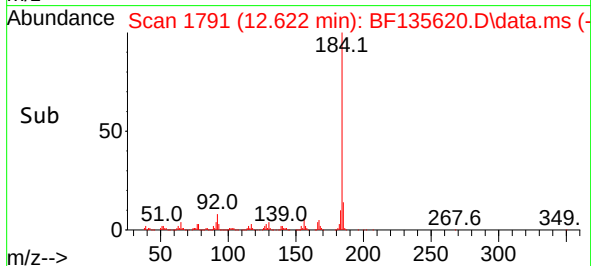
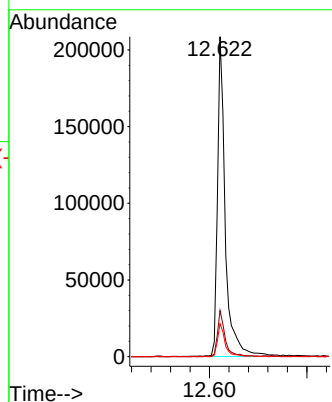
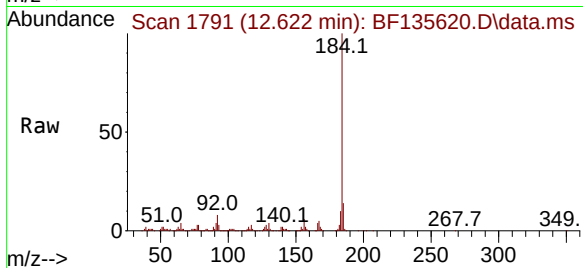
Tgt Ion:184 Resp: 230957

Ion Ratio Lower Upper

184 100

185 14.4 11.7 17.5

183 10.3 8.2 12.4



#78

Pyrene

Concen: 37.836 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.012 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

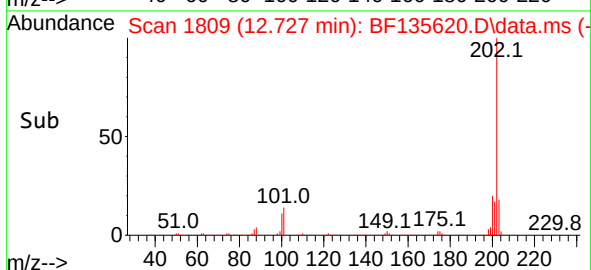
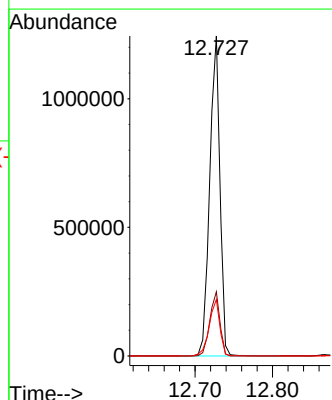
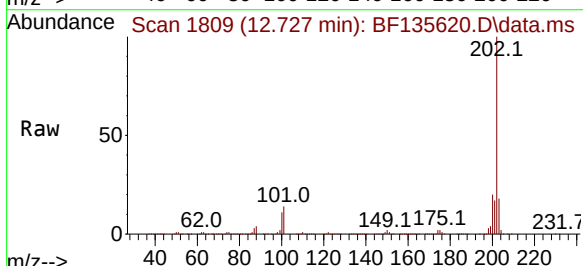
Tgt Ion:202 Resp: 1136407

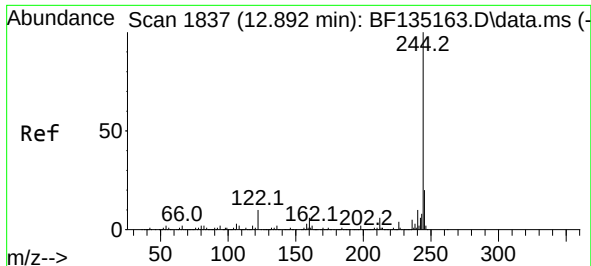
Ion Ratio Lower Upper

202 100

200 20.0 16.2 24.2

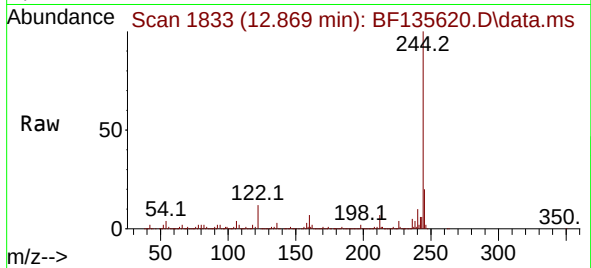
203 17.7 14.2 21.4



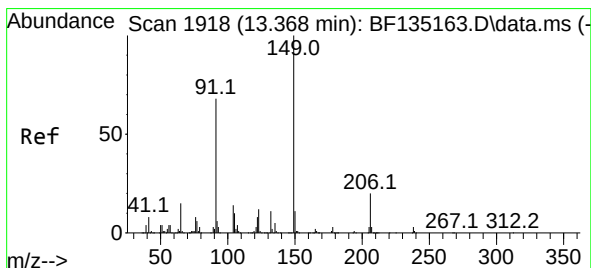
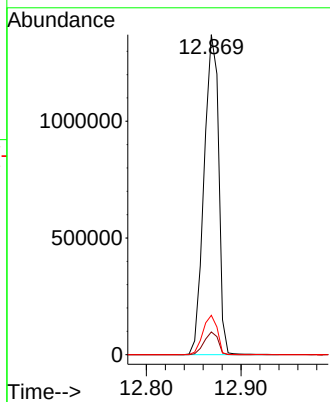
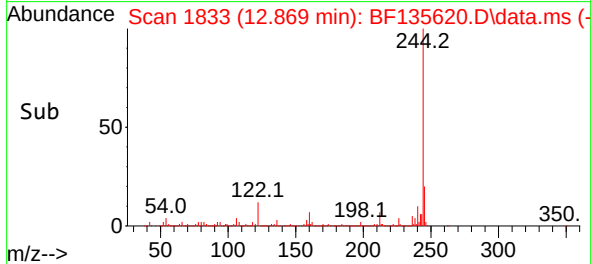


#79
 Terphenyl-d14
 Concen: 72.010 ng
 RT: 12.869 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF135620.D
 Acq: 06 Oct 2023 10:19

Instrument :
 BNA_F
 ClientSampleId :

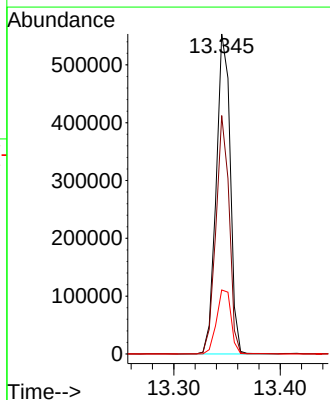
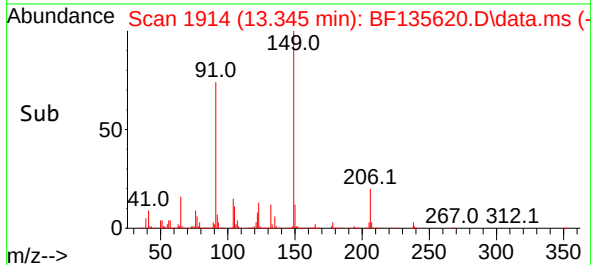
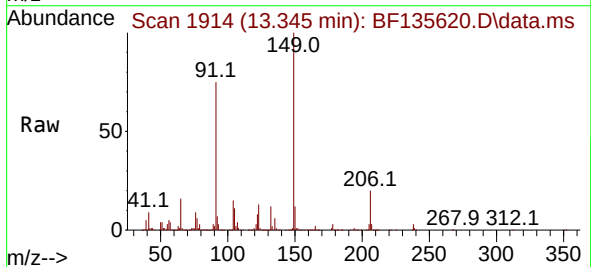


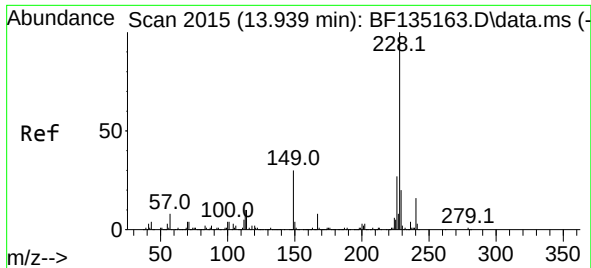
Tgt Ion:244 Resp: 1465412
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.1 7.7
 122 12.3 7.9 11.9#



#80
 Butylbenzylphthalate
 Concen: 47.846 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. 0.006 min
 Lab File: BF135620.D
 Acq: 06 Oct 2023 10:19

Tgt Ion:149 Resp: 505956
 Ion Ratio Lower Upper
 149 100
 91 74.5 54.7 82.1
 206 20.0 16.3 24.5

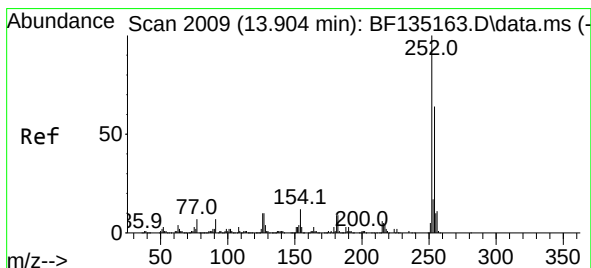
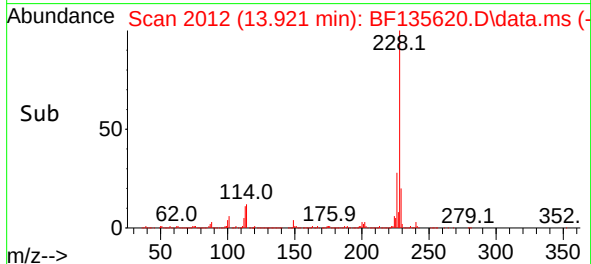
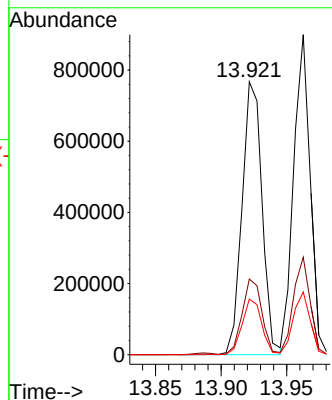
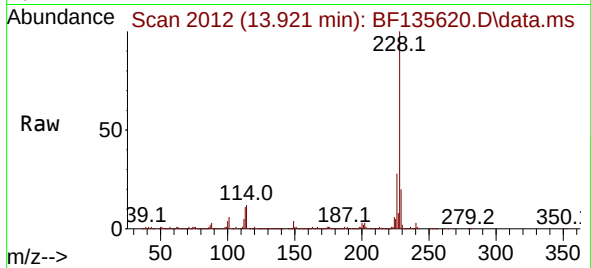




#81
Benzo(a)anthracene
Concen: 40.015 ng
RT: 13.921 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

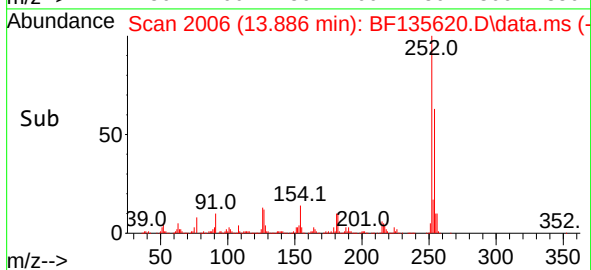
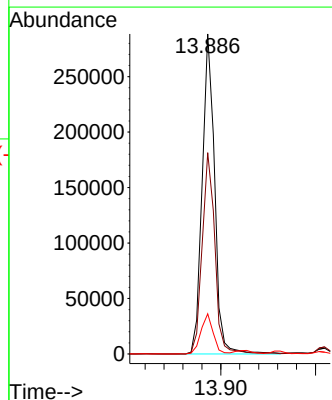
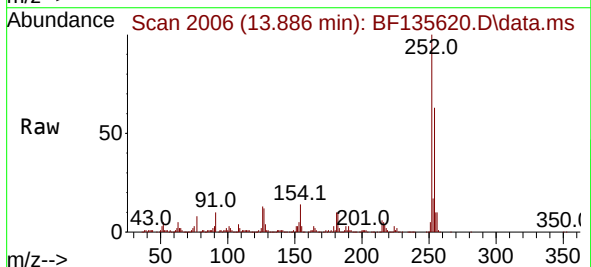
Instrument :
BNA_F
ClientSampleId :

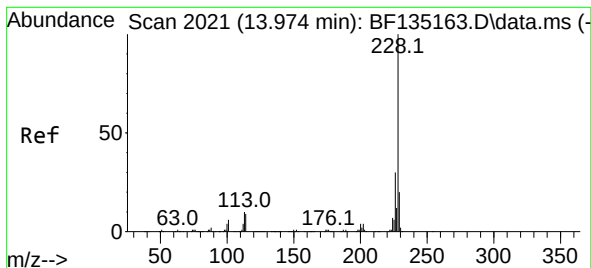
Tgt Ion:228 Resp: 815118
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 20.4 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 41.274 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Tgt Ion:252 Resp: 262619
Ion Ratio Lower Upper
252 100
254 62.9 51.0 76.4
126 12.6 7.8 11.8#





#83

Chrysene

Concen: 39.118 ng

RT: 13.963 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

Instrument :

BNA_F

ClientSampleId :

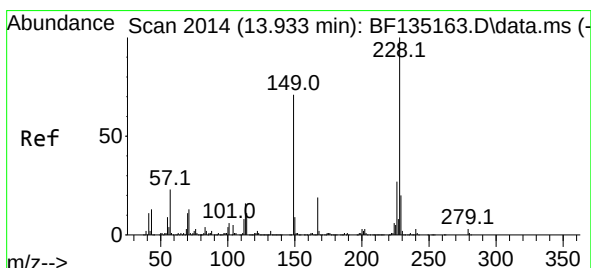
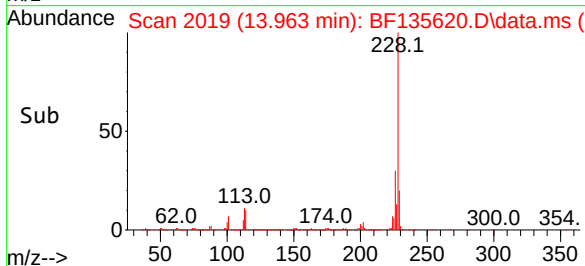
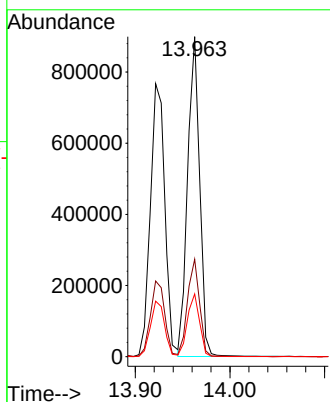
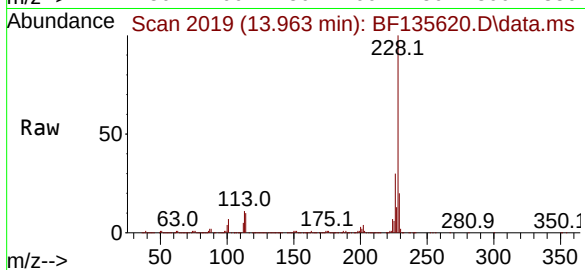
Tgt Ion:228 Resp: 792249

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.204 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.006 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

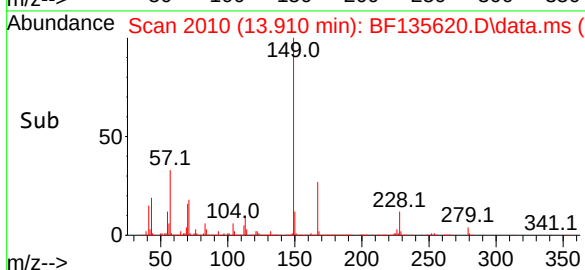
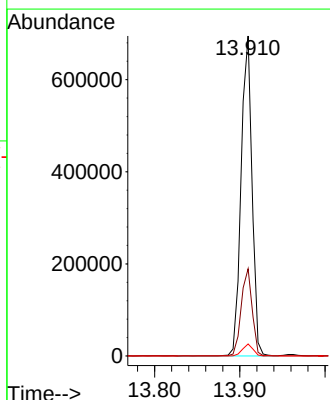
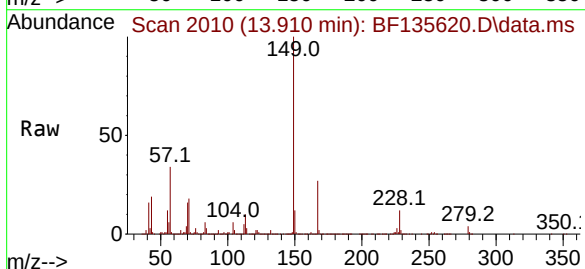
Tgt Ion:149 Resp: 620749

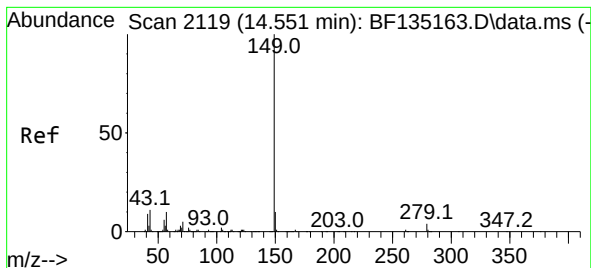
Ion Ratio Lower Upper

149 100

167 27.3 21.9 32.9

279 3.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 48.538 ng

RT: 14.527 min Scan# 2115

Delta R.T. 0.006 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

Instrument :

BNA_F

ClientSampleId :

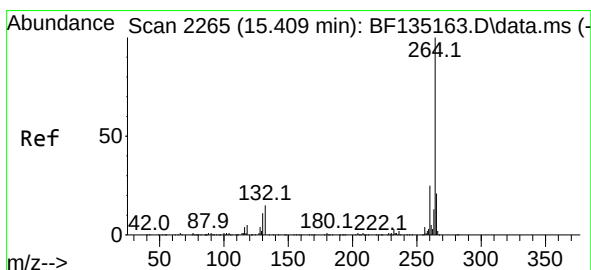
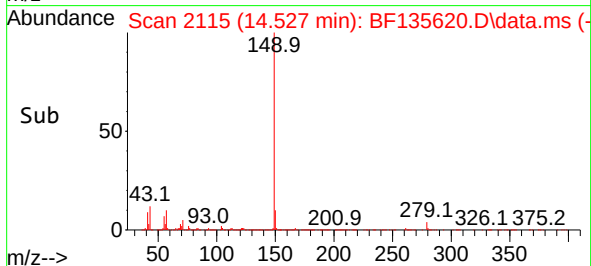
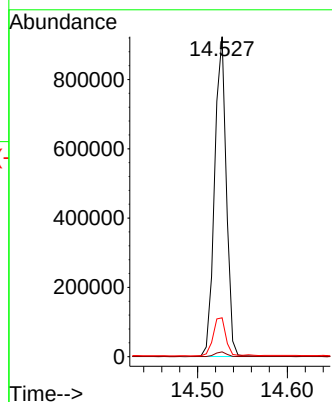
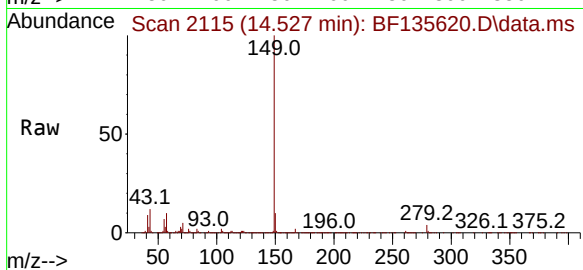
Tgt Ion:149 Resp: 837052

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 12.8 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

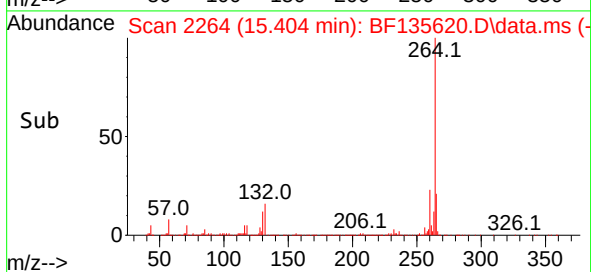
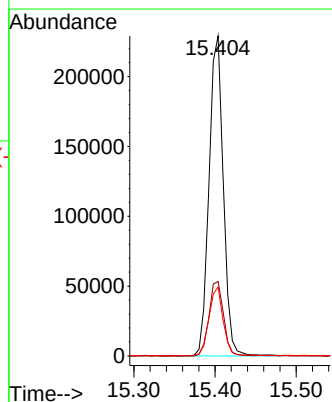
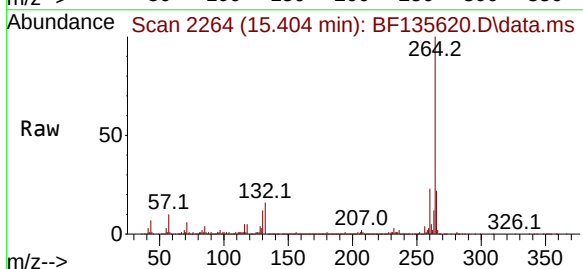
Tgt Ion:264 Resp: 279492

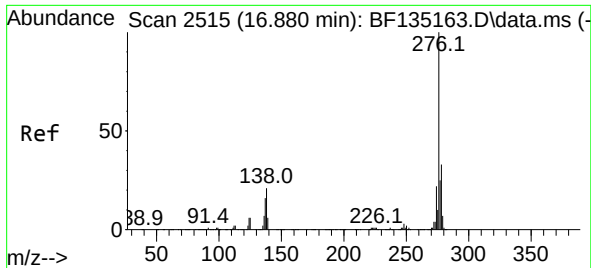
Ion Ratio Lower Upper

264 100

260 23.2 19.8 29.6

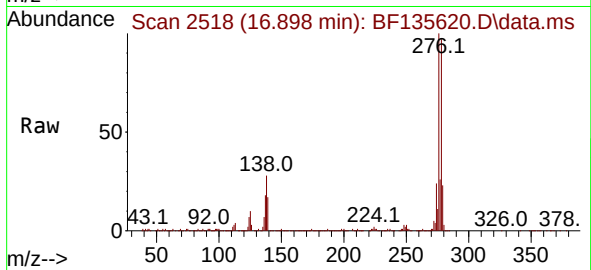
265 21.5 17.0 25.4



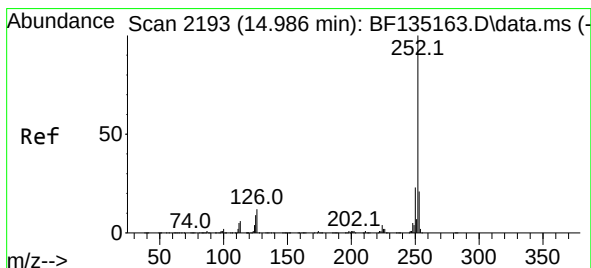
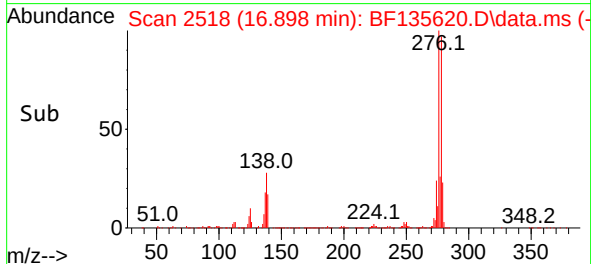
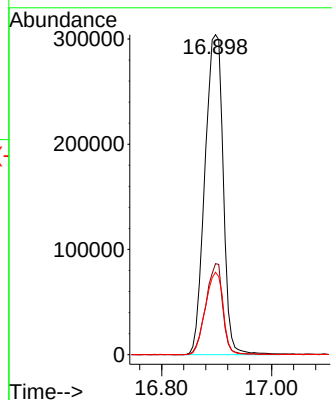


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.365 ng
 RT: 16.898 min Scan# 2118
 Delta R.T. 0.030 min
 Lab File: BF135620.D
 Acq: 06 Oct 2023 10:19

Instrument :
 BNA_F
 ClientSampleId :

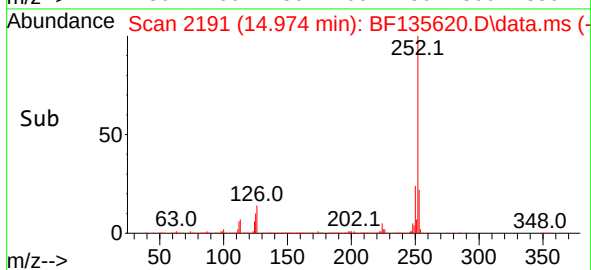
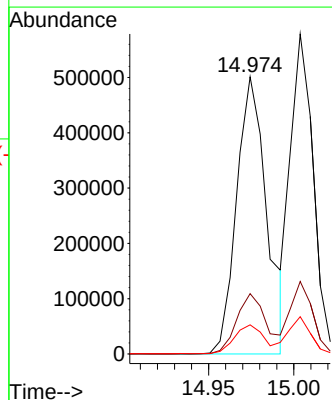
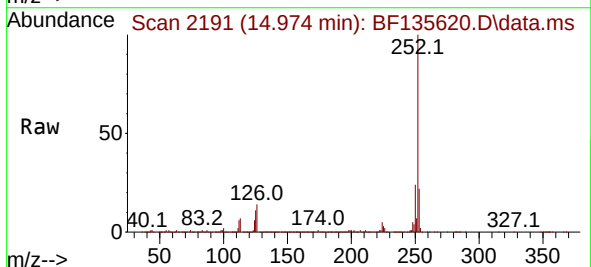


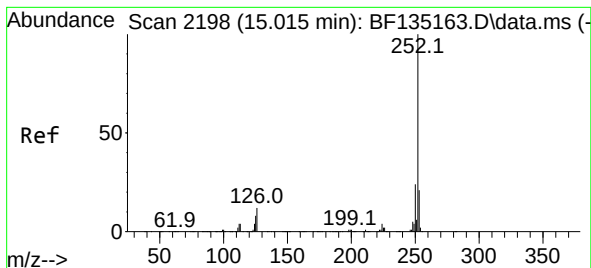
Tgt Ion:276 Resp: 703059
 Ion Ratio Lower Upper
 276 100
 138 26.5 19.2 28.8
 277 25.1 19.7 29.5



#88
 Benzo(b)fluoranthene
 Concen: 40.822 ng
 RT: 14.974 min Scan# 2191
 Delta R.T. 0.012 min
 Lab File: BF135620.D
 Acq: 06 Oct 2023 10:19

Tgt Ion:252 Resp: 617630
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.2 25.8
 125 10.5 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 41.325 ng

RT: 14.974 min Scan# 2198

Delta R.T. -0.017 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

Instrument :

BNA_F

ClientSampleId :

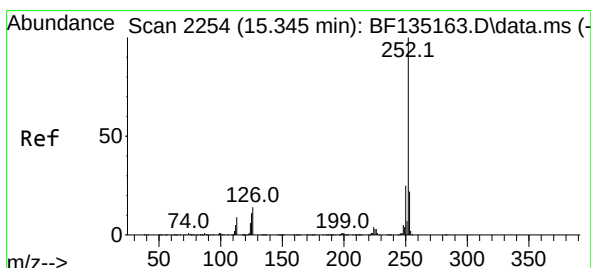
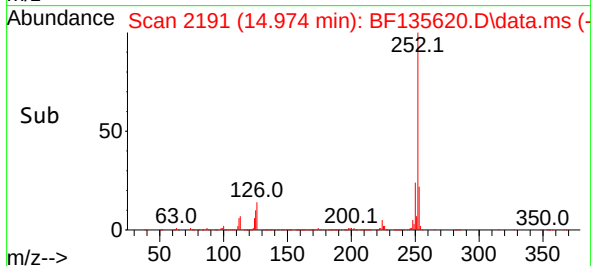
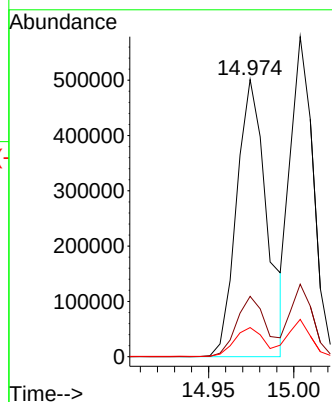
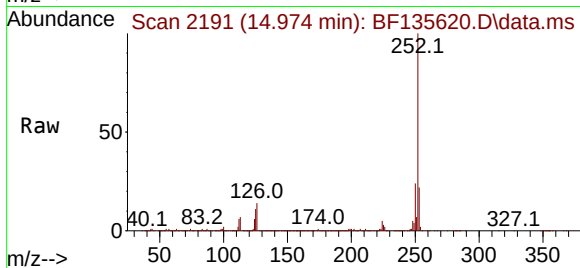
Tgt Ion:252 Resp: 617630

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 10.5 7.2 10.8



#90

Benzo(a)pyrene

Concen: 38.310 ng

RT: 15.339 min Scan# 2253

Delta R.T. 0.012 min

Lab File: BF135620.D

Acq: 06 Oct 2023 10:19

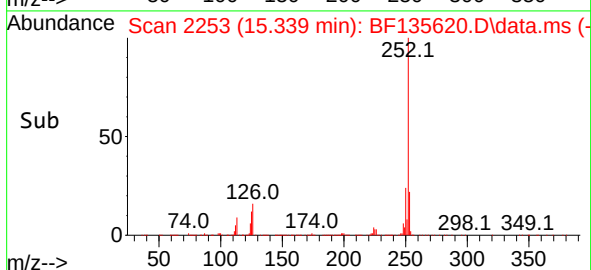
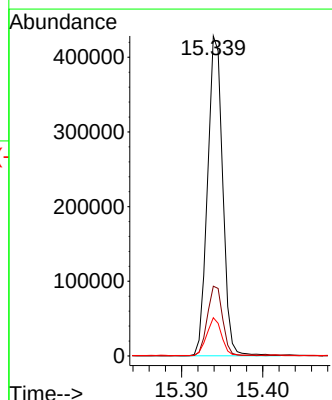
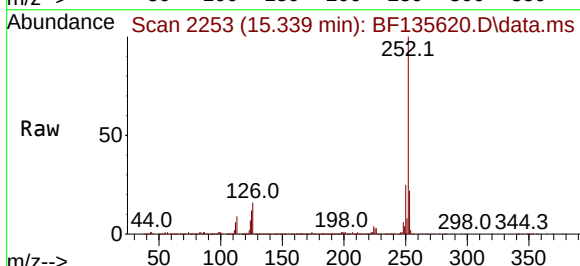
Tgt Ion:252 Resp: 552747

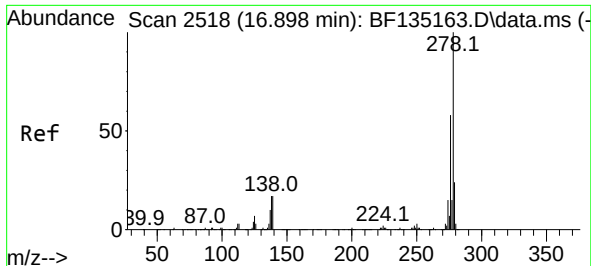
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 12.0 9.2 13.8

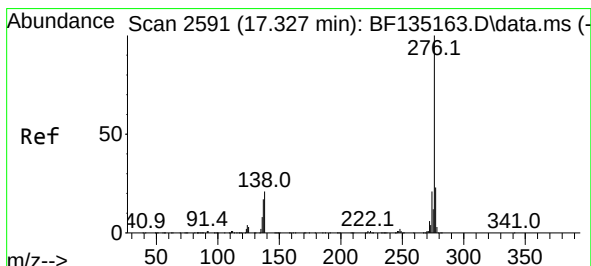
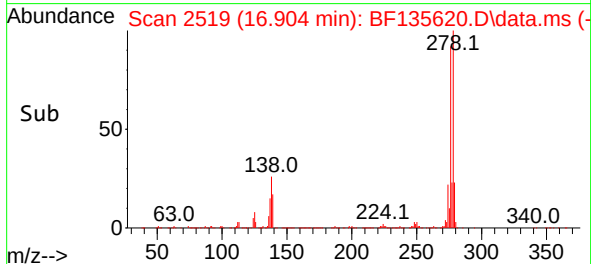
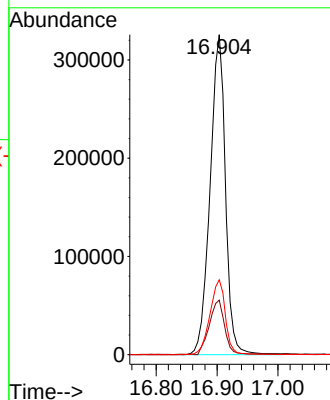
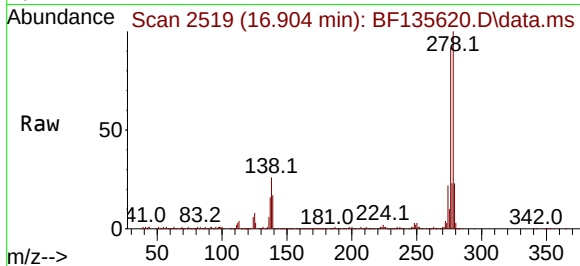




#91
Dibenzo(a,h)anthracene
Concen: 38.131 ng
RT: 16.904 min Scan# 2518
Delta R.T. 0.024 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 571743
Ion Ratio Lower Upper
278 100
139 17.0 13.4 20.0
279 23.4 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 39.573 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.030 min
Lab File: BF135620.D
Acq: 06 Oct 2023 10:19

Tgt Ion:276 Resp: 619682
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 23.3 16.9 25.3

