

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140862.D
 Acq On : 16 Dec 2024 16:15
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Dec 16 16:52:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:38:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	82694	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	323165	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	169321	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	364516	20.000	ng	0.00
76) Chrysene-d12	14.033	240	182739	20.000	ng	0.00
86) Perylene-d12	15.539	264	171569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	732058	145.730	ng	0.00
7) Phenol-d6	6.510	99	982302	147.637	ng	0.01
23) Nitrobenzene-d5	7.428	82	947083	146.623	ng	0.01
42) 2,4,6-Tribromophenol	10.686	330	304721	152.164	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2054327	166.807	ng	0.00
79) Terphenyl-d14	12.963	244	2018997	174.221	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	162832	75.255	ng	98
3) Pyridine	3.399	79	375906	75.017	ng	99
4) n-Nitrosodimethylamine	3.375	42	194050	76.818	ng	97
6) Aniline	6.528	93	399627	70.247	ng	92
8) 2-Chlorophenol	6.651	128	406710	74.245	ng	99
9) Benzaldehyde	6.410	77	219459	59.528	ng	99
10) Phenol	6.522	94	507289	73.564	ng	100
11) bis(2-Chloroethyl)ether	6.593	93	389038	75.649	ng	99
12) 1,3-Dichlorobenzene	6.792	146	461108	73.871	ng	99
13) 1,4-Dichlorobenzene	6.869	146	462233	72.952	ng	99
14) 1,2-Dichlorobenzene	7.022	146	437177	73.129	ng	98
15) Benzyl Alcohol	7.004	79	349382	73.442	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	449685	74.228	ng	85
17) 2-Methylphenol	7.122	107	328432	75.095	ng	99
18) Hexachloroethane	7.357	117	176920	75.005	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	288752	72.349	ng	99
20) 3+4-Methylphenols	7.275	107	421165	72.622	ng	97
22) Acetophenone	7.269	105	576358	71.295	ng	# 99
24) Nitrobenzene	7.445	77	484693	73.246	ng	98
25) Isophorone	7.681	82	815074	75.310	ng	99
26) 2-Nitrophenol	7.757	139	232926	76.426	ng	98
27) 2,4-Dimethylphenol	7.798	122	270864	76.101	ng	98
28) bis(2-Chloroethoxy)met...	7.881	93	508754	75.263	ng	98
29) 2,4-Dichlorophenol	8.004	162	374434	76.199	ng	99
30) 1,2,4-Trichlorobenzene	8.075	180	420429	74.635	ng	99
31) Naphthalene	8.157	128	1318982	74.301	ng	100
32) Benzoic acid	7.969	122	284705	84.342	ng	98
33) 4-Chloroaniline	8.216	127	451539	76.586	ng	99
34) Hexachlorobutadiene	8.263	225	282790	74.615	ng	99
35) Caprolactam	8.616	113	125537m	85.813	ng	
36) 4-Chloro-3-methylphenol	8.704	107	449654	81.301	ng	97
37) 2-Methylnaphthalene	8.845	142	942892	80.295	ng	100
38) 1-Methylnaphthalene	8.945	142	925535	79.695	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	466438	89.625	ng	99
41) Hexachlorocyclopentadiene	8.992	237	149909	80.025	ng	99
43) 2,4,6-Trichlorophenol	9.134	196	301828	94.714	ng	100

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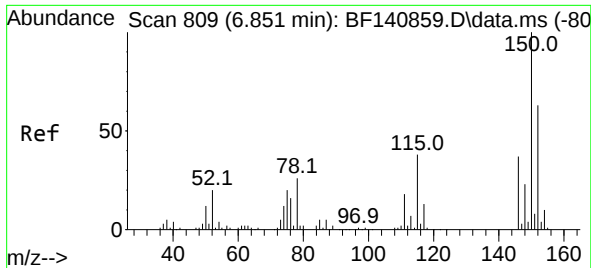
Quant Time: Dec 16 16:52:00 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	321402	91.760	ng	99
46) 1,1'-Biphenyl	9.310	154	1186930	88.155	ng	99
47) 2-Chloronaphthalene	9.339	162	927799	90.075	ng	99
48) 2-Nitroaniline	9.439	65	289810	93.162	ng	99
49) Acenaphthylene	9.751	152	1169747	77.278	ng	100
50) Dimethylphthalate	9.616	163	1049196	87.890	ng	100
51) 2,6-Dinitrotoluene	9.686	165	240439	88.104	ng	95
52) Acenaphthene	9.922	154	710789	73.511	ng	100
53) 3-Nitroaniline	9.857	138	208004	76.804	ng	98
54) 2,4-Dinitrophenol	9.975	184	106230	79.797	ng	95
55) Dibenzofuran	10.092	168	1071923	71.543	ng	100
56) 4-Nitrophenol	10.039	139	112972	77.685	ng	96
57) 2,4-Dinitrotoluene	10.092	165	263636	73.423	ng	99
58) Fluorene	10.439	166	904163	73.147	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	230812	80.870	ng	99
60) Diethylphthalate	10.310	149	911868	73.664	ng	100
61) 4-Chlorophenyl-phenyle...	10.428	204	456754	73.562	ng	97
62) 4-Nitroaniline	10.480	138	216635	76.547	ng	99
63) Azobenzene	10.586	77	862457	74.110	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	158996	76.975	ng	98
66) n-Nitrosodiphenylamine	10.551	169	767906	68.519	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	279941	68.648	ng	99
68) Hexachlorobenzene	10.986	284	324661	70.220	ng	97
69) Atrazine	11.075	200	185877	59.385	ng	99
70) Pentachlorophenol	11.192	266	153999	91.050	ng	100
71) Phenanthrene	11.404	178	1365579	72.850	ng	99
72) Anthracene	11.457	178	1361788	73.769	ng	99
73) Carbazole	11.616	167	1341097	74.170	ng	100
74) Di-n-butylphthalate	11.927	149	1410986	66.492	ng	100
75) Fluoranthene	12.592	202	1374862	63.687	ng	98
77) Benzidine	12.716	184	276230	74.064	ng	99
78) Pyrene	12.827	202	1423860	87.621	ng	100
80) Butylbenzylphthalate	13.427	149	508497	85.043	ng	97
81) Benzo(a)anthracene	14.021	228	1001035	77.292	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	291736	74.661	ng	99
83) Chrysene	14.063	228	881398	74.840	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	624744	81.032	ng	99
85) Di-n-octyl phthalate	14.633	149	922920	79.125	ng	100
87) Indeno(1,2,3-cd)pyrene	17.057	276	957167	89.400	ng	100
88) Benzo(b)fluoranthene	15.110	252	925999	77.753	ng	99
89) Benzo(k)fluoranthene	15.139	252	683254	66.881	ng	99
90) Benzo(a)pyrene	15.480	252	714906	76.662	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	792175	89.311	ng	99
92) Benzo(g,h,i)perylene	17.509	276	840468	93.101	ng	99

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

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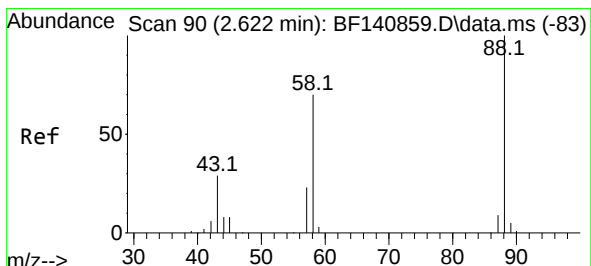
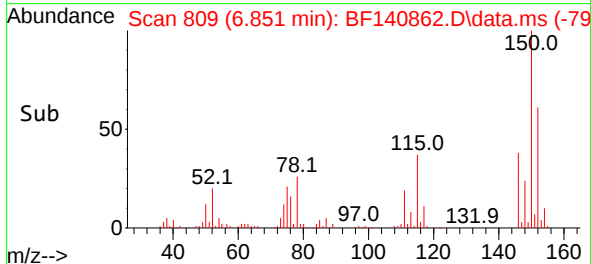
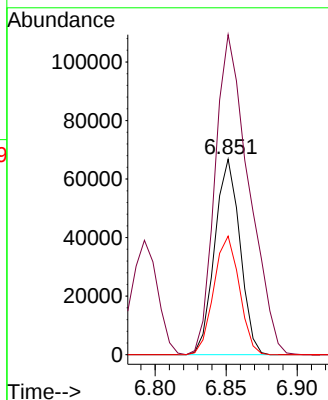
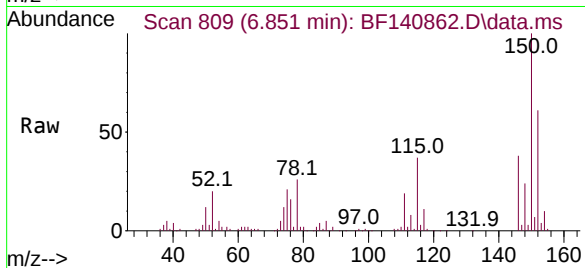




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF140862.D
 Acq: 16 Dec 2024 16:15

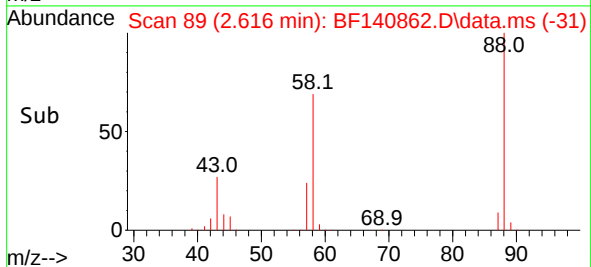
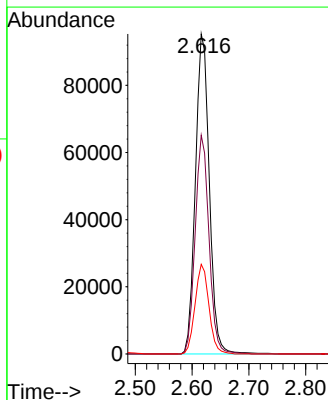
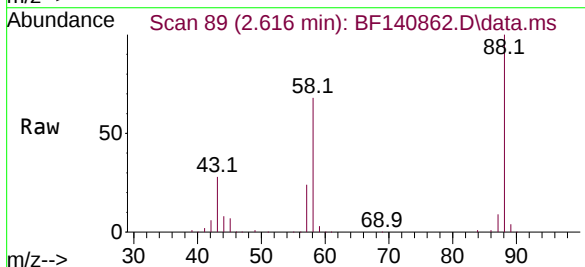
Instrument :
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 SSTDICC080

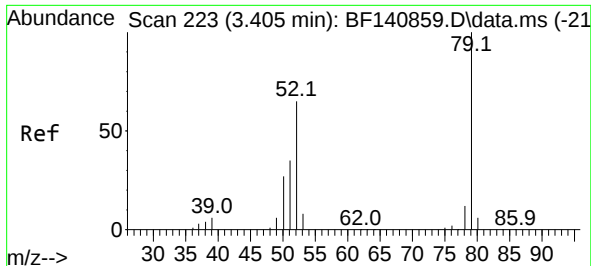
Tgt Ion:152 Resp: 82694
 Ion Ratio Lower Upper
 152 100
 150 163.6 127.9 191.9
 115 60.6 48.0 72.0



#2
 1,4-Dioxane
 Concen: 75.255 ng
 RT: 2.616 min Scan# 89
 Delta R.T. -0.006 min
 Lab File: BF140862.D
 Acq: 16 Dec 2024 16:15

Tgt Ion: 88 Resp: 162832
 Ion Ratio Lower Upper
 88 100
 58 67.8 55.8 83.8
 43 27.9 22.7 34.1





#3

Pyridine

Concen: 75.017 ng

RT: 3.399 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

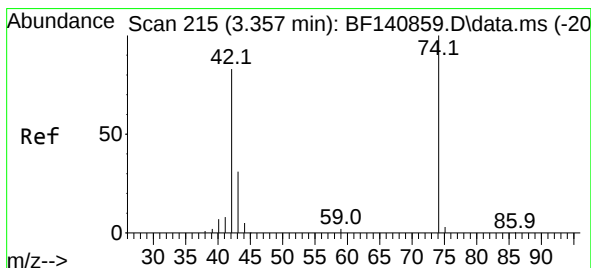
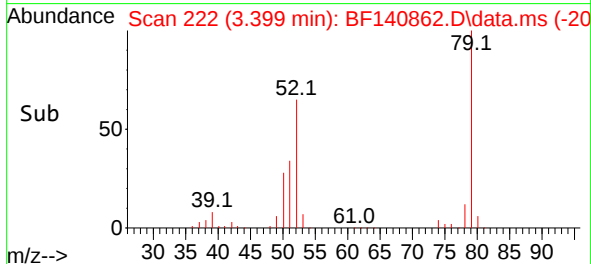
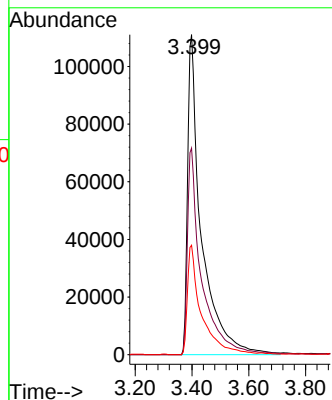
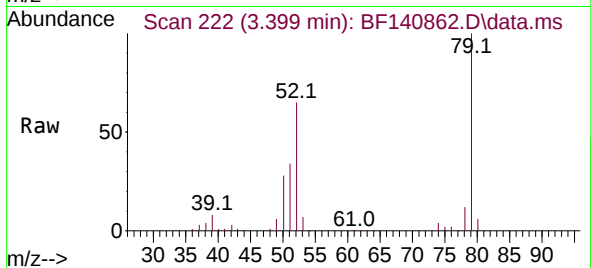
Tgt Ion: 79 Resp: 375906

Ion Ratio Lower Upper

79 100

52 64.6 51.7 77.5

51 34.2 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 76.818 ng

RT: 3.375 min Scan# 218

Delta R.T. 0.018 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

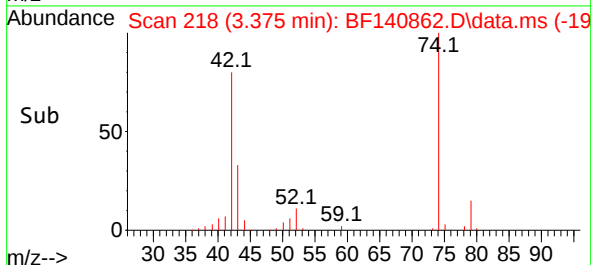
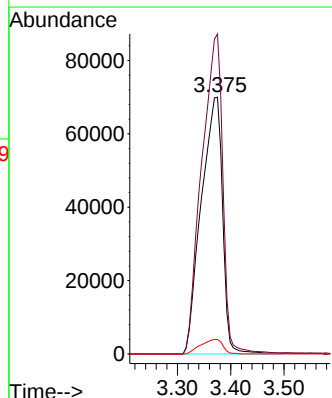
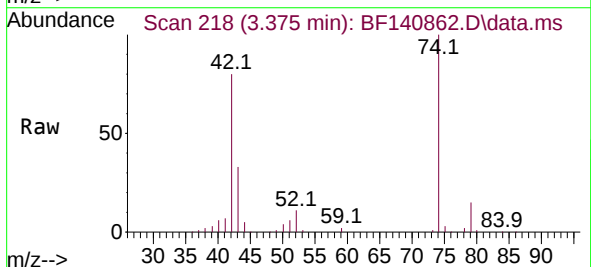
Tgt Ion: 42 Resp: 194050

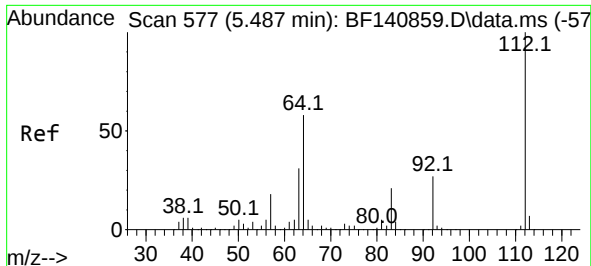
Ion Ratio Lower Upper

42 100

74 124.6 96.9 145.3

44 5.7 4.4 6.6

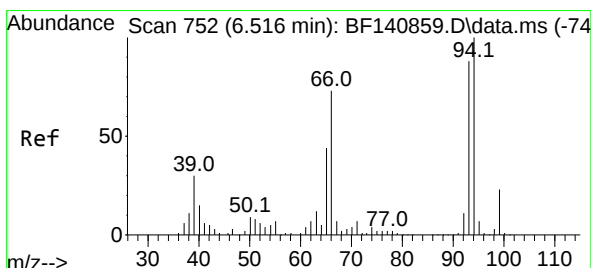
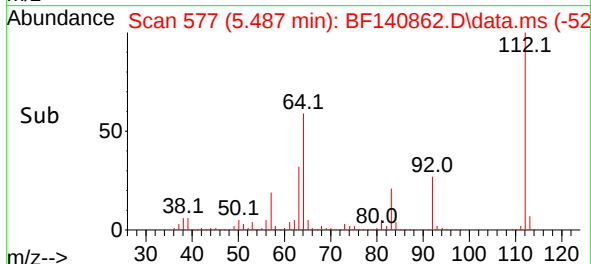
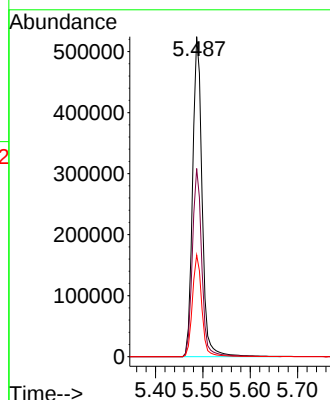
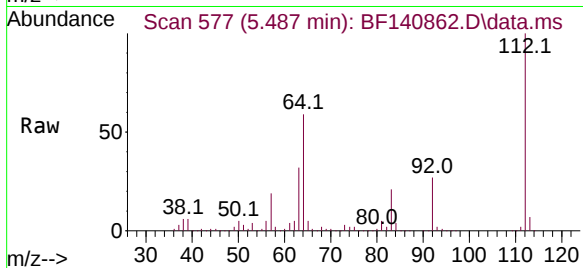




#5
2-Fluorophenol
Concen: 145.730 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

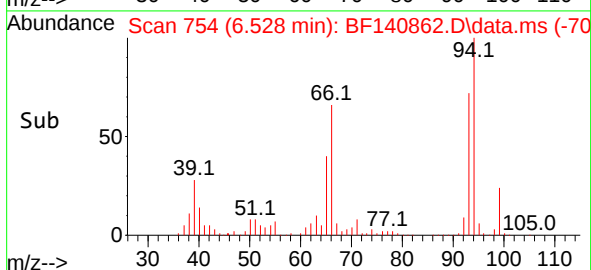
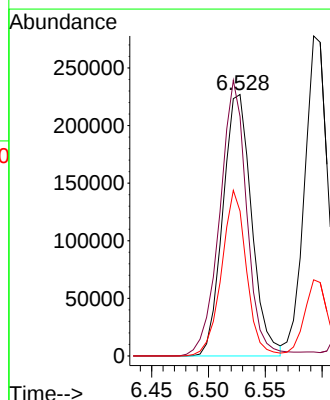
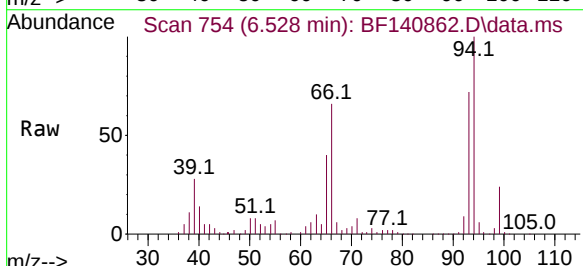
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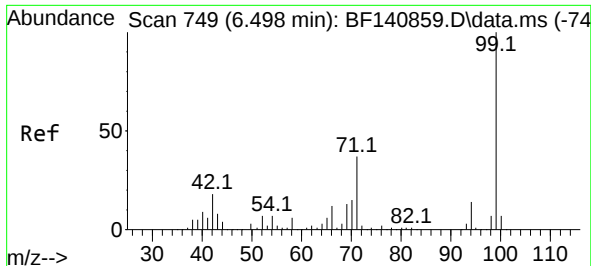
Tgt Ion:112 Resp: 732058
Ion Ratio Lower Upper
112 100
64 58.8 46.1 69.1
63 31.7 24.9 37.3



#6
Aniline
Concen: 70.247 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.012 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion: 93 Resp: 399627
Ion Ratio Lower Upper
93 100
66 91.6 67.0 100.4
65 55.4 40.4 60.6

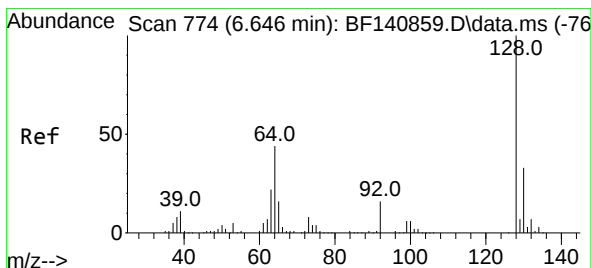
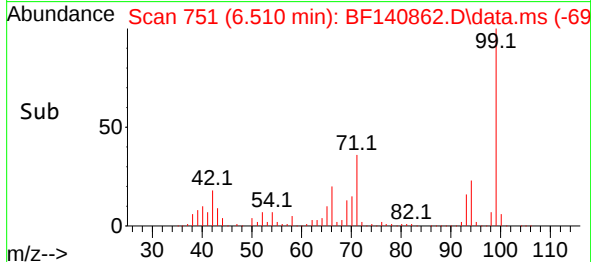
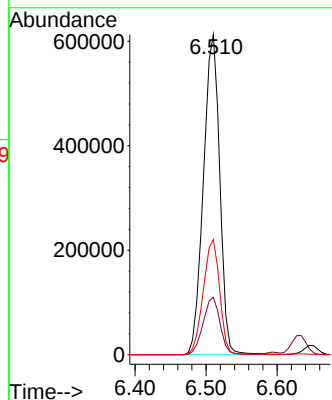
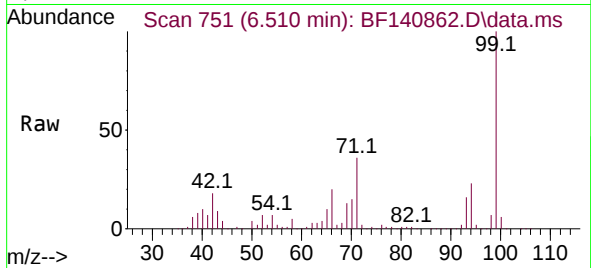




#7
Phenol-d6
Concen: 147.637 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.012 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

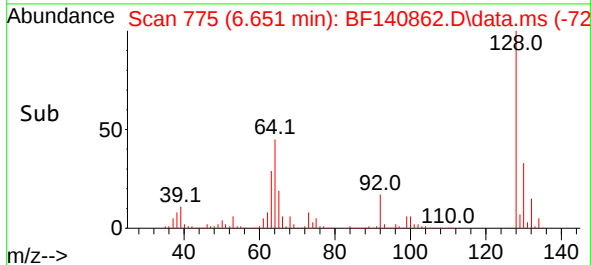
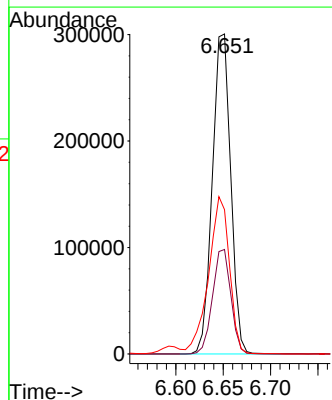
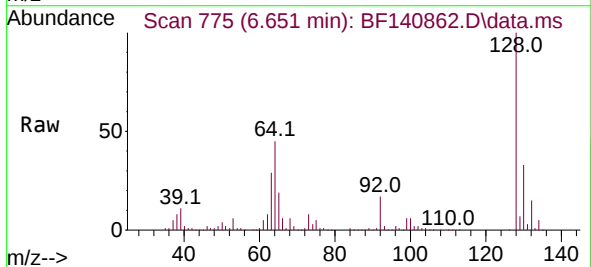
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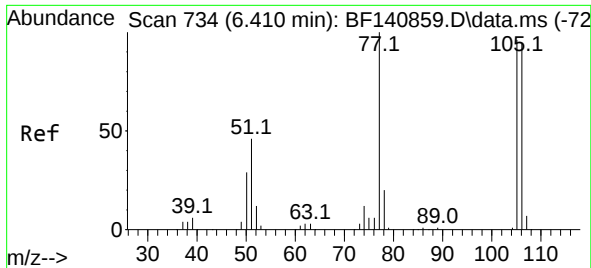
Tgt Ion: 99 Resp: 982302
Ion Ratio Lower Upper
99 100
42 17.9 14.3 21.5
71 35.9 29.9 44.9



#8
2-Chlorophenol
Concen: 74.245 ng
RT: 6.651 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:128 Resp: 406710
Ion Ratio Lower Upper
128 100
130 32.6 12.9 52.9
64 45.1 24.3 64.3





#9

Benzaldehyde

Concen: 59.528 ng

RT: 6.410 min Scan# 714

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

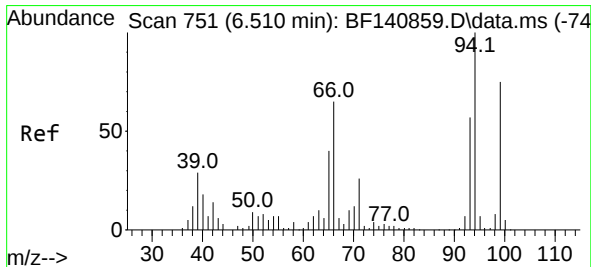
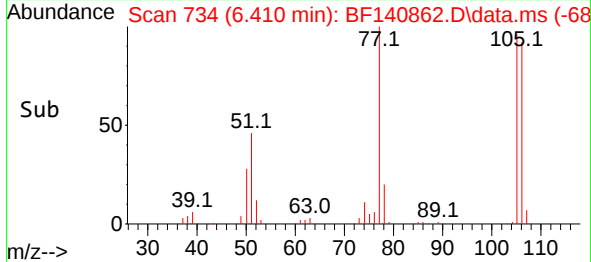
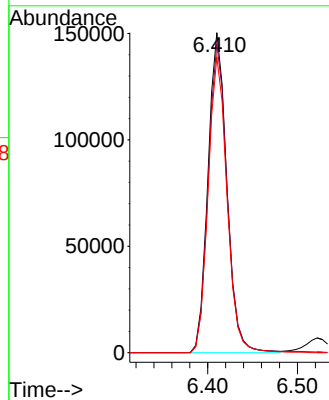
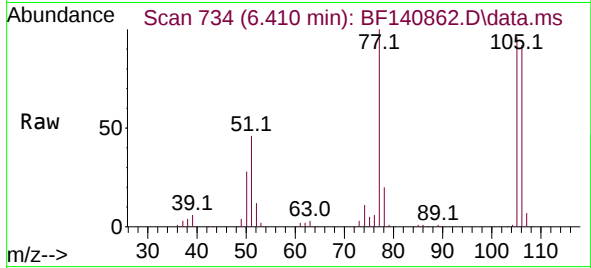
Tgt Ion: 77 Resp: 219459

Ion Ratio Lower Upper

77 100

105 96.5 75.8 115.8

106 92.3 74.1 114.1



#10

Phenol

Concen: 73.564 ng

RT: 6.522 min Scan# 753

Delta R.T. 0.012 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

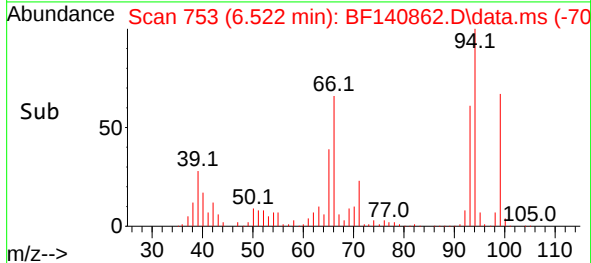
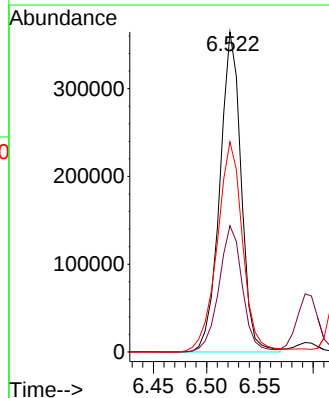
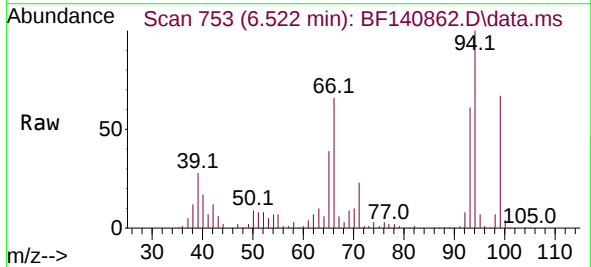
Tgt Ion: 94 Resp: 507289

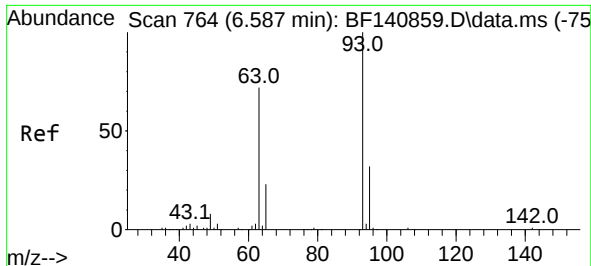
Ion Ratio Lower Upper

94 100

65 39.4 19.9 59.9

66 65.6 45.6 85.6

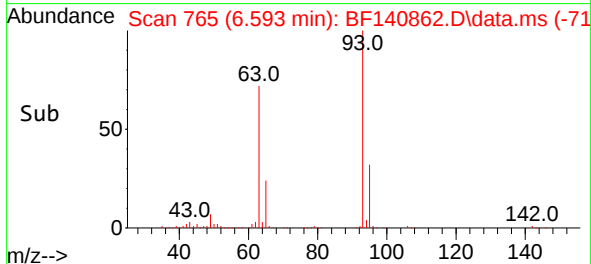
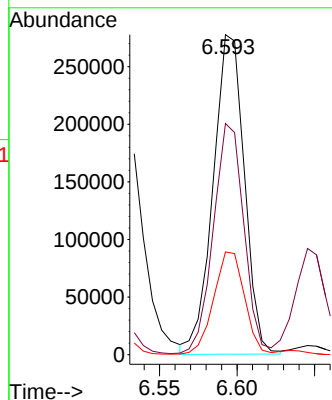
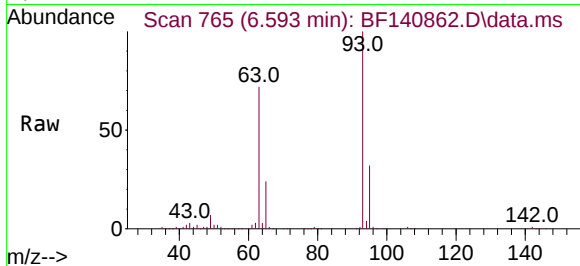




#11
bis(2-Chloroethyl)ether
Concen: 75.649 ng
RT: 6.593 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

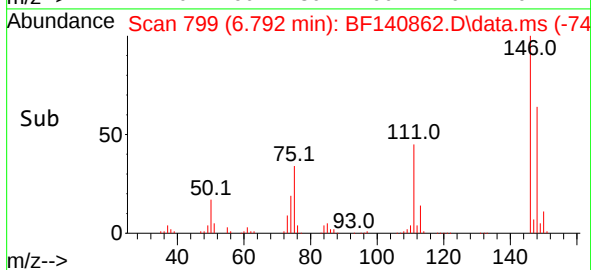
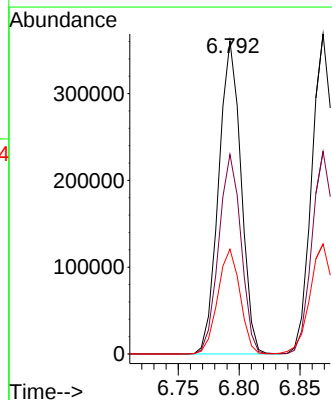
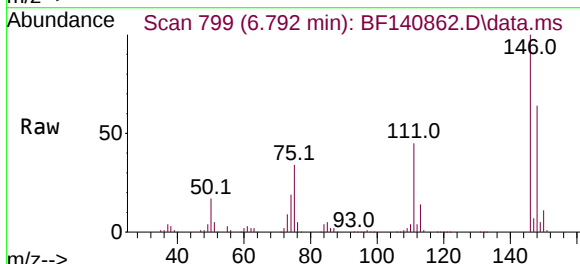
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

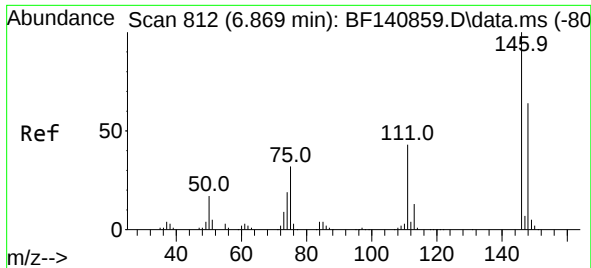
Tgt Ion: 93 Resp: 389038
Ion Ratio Lower Upper
93 100
63 72.3 51.0 91.0
95 32.1 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 73.871 ng
RT: 6.792 min Scan# 799
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion: 146 Resp: 461108
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
75 33.5 28.1 42.1

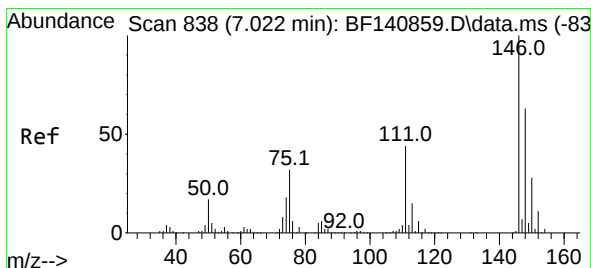
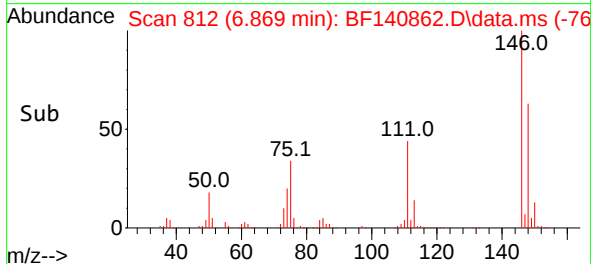
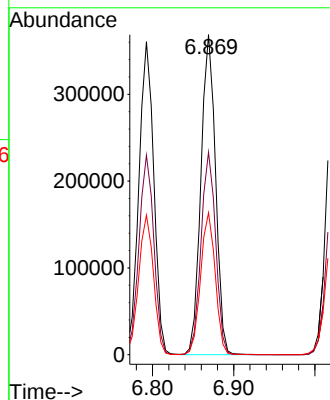
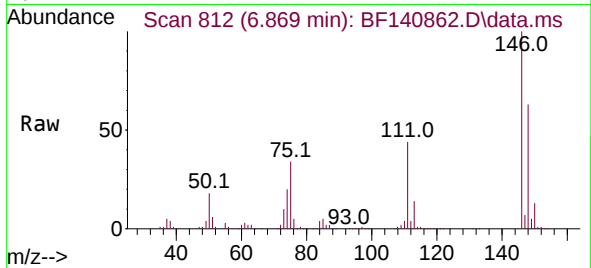




#13
1,4-Dichlorobenzene
Concen: 72.952 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

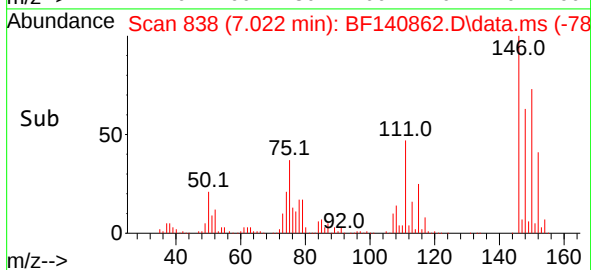
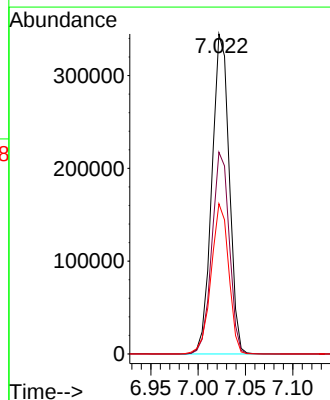
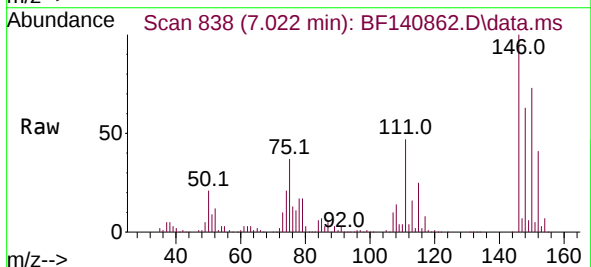
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

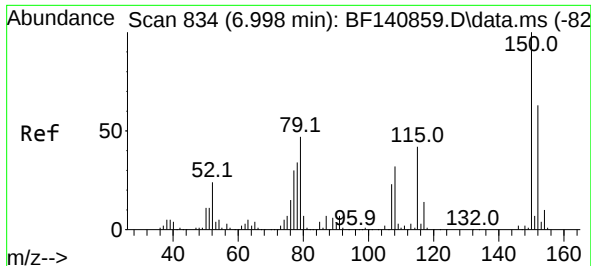
Tgt Ion:146 Resp: 462233
Ion Ratio Lower Upper
146 100
148 63.3 51.3 76.9
111 44.3 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 73.129 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:146 Resp: 437177
Ion Ratio Lower Upper
146 100
148 63.0 50.0 75.0
111 46.9 35.6 53.4

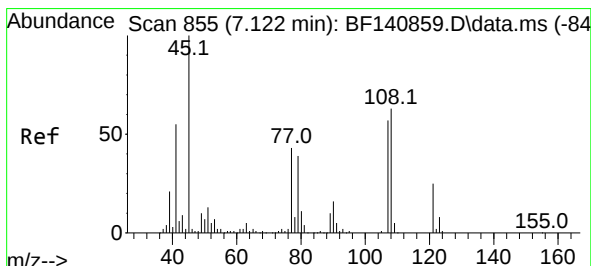
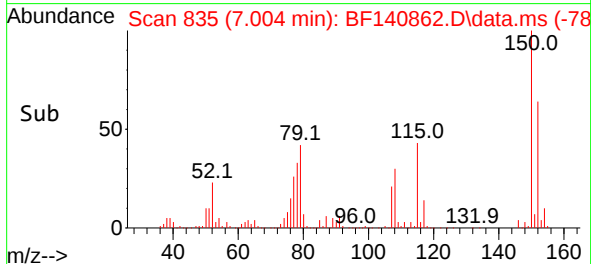
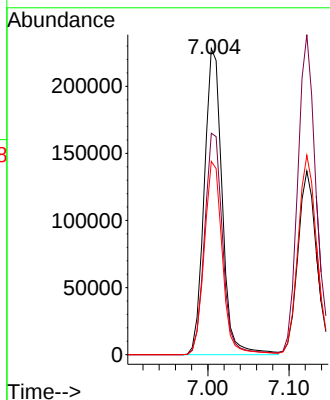
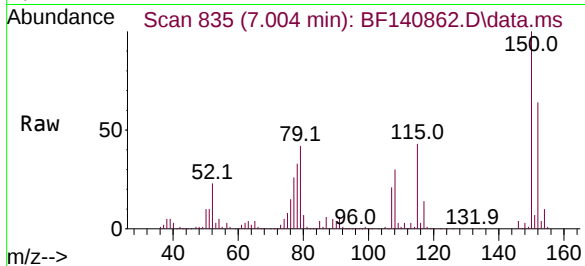




#15
Benzyl Alcohol
Concen: 73.442 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

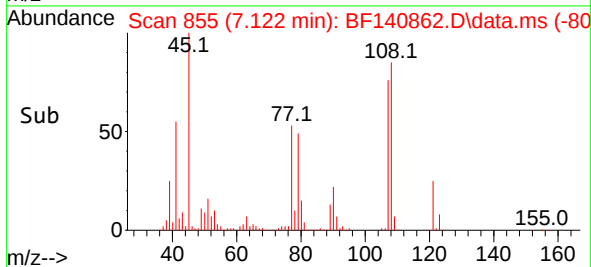
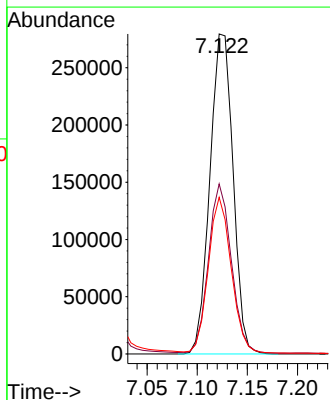
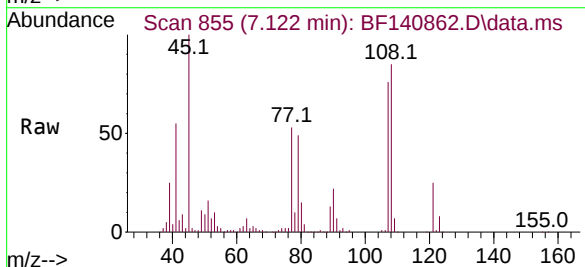
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

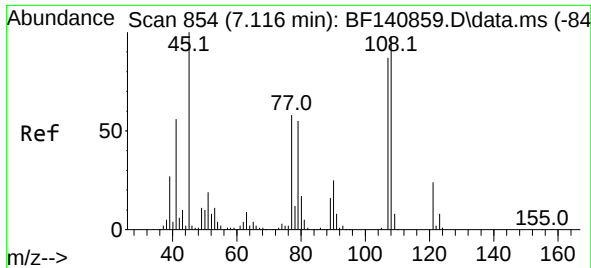
Tgt Ion: 79 Resp: 349382
Ion Ratio Lower Upper
79 100
108 72.3 55.1 82.7
77 63.1 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 74.228 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion: 45 Resp: 449685
Ion Ratio Lower Upper
45 100
77 53.1 23.3 63.3
79 49.0 20.0 60.0

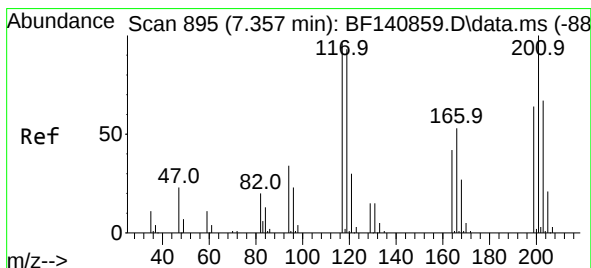
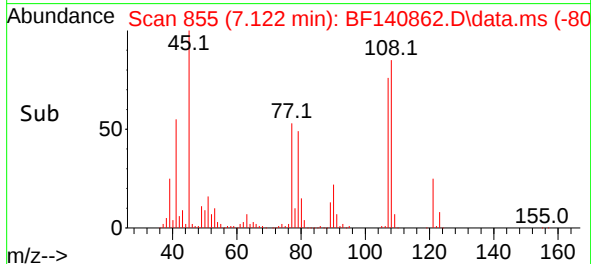
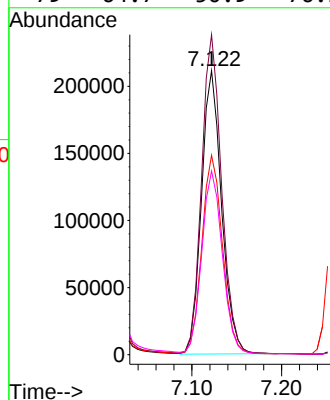
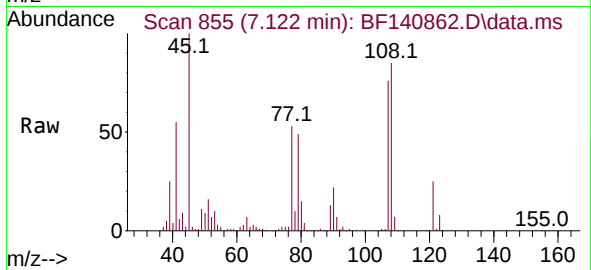




#17
2-Methylphenol
Concen: 75.095 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

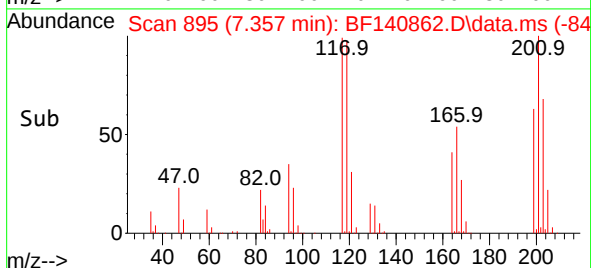
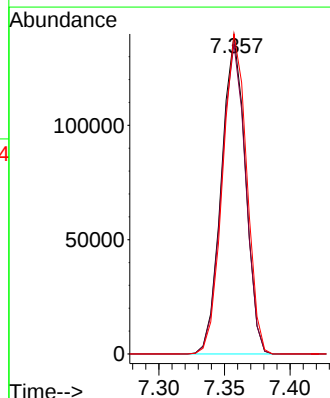
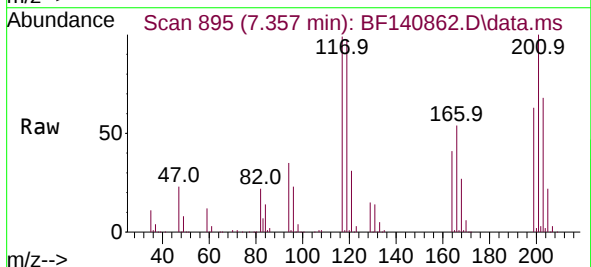
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

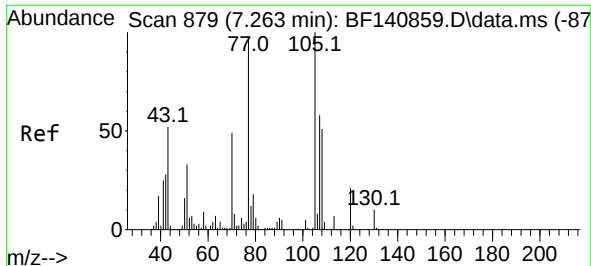
Tgt Ion:	107	Resp:	328432
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.2	135.4
77	70.2	53.8	80.6
79	64.7	50.9	76.3



#18
Hexachloroethane
Concen: 75.005 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:	117	Resp:	176920
Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.4	116.0
201	100.5	83.4	125.0



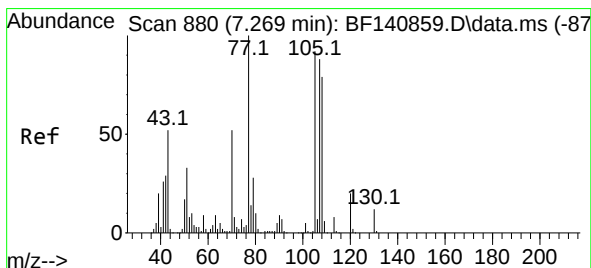
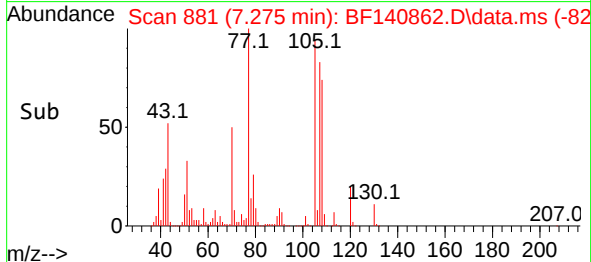
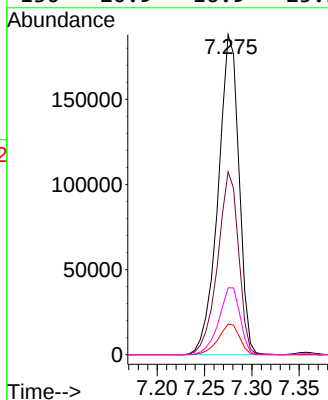
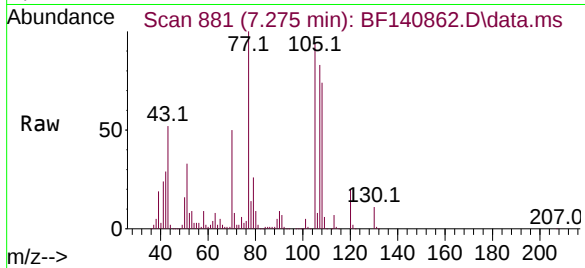


#19
n-Nitroso-di-n-propylamine
Concen: 72.349 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.012 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 70 Resp: 288752

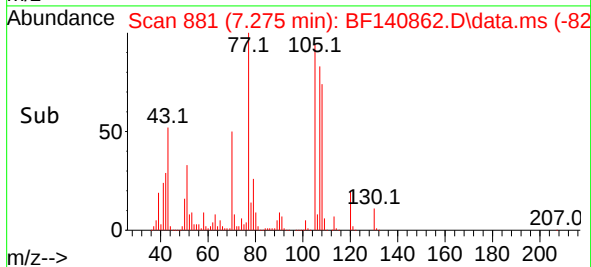
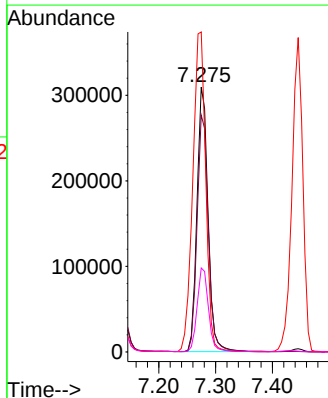
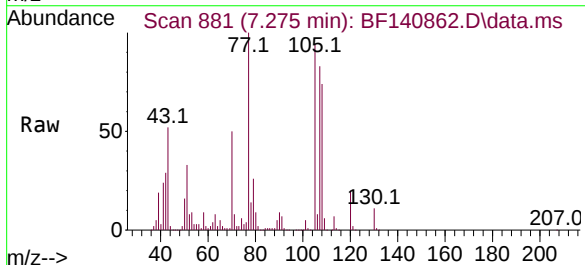
Ion	Ratio	Lower	Upper
70	100		
42	57.2	45.3	67.9
101	9.6	8.0	12.0
130	20.9	16.9	25.3

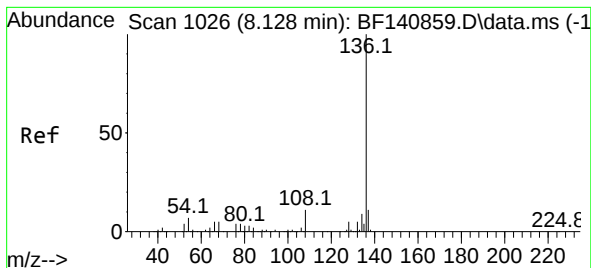


#20
3+4-Methylphenols
Concen: 72.622 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion: 107 Resp: 421165

Ion	Ratio	Lower	Upper
107	100		
108	89.4	70.1	110.1
77	120.8	94.4	134.4
79	31.7	12.2	52.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.134 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:136 Resp: 323165

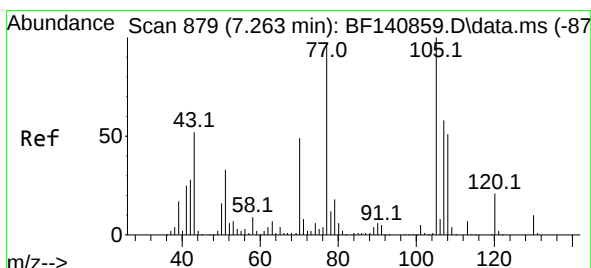
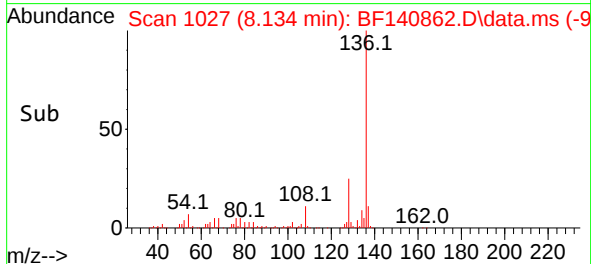
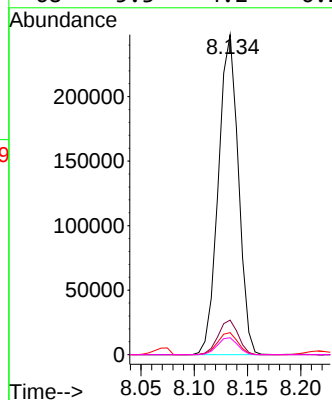
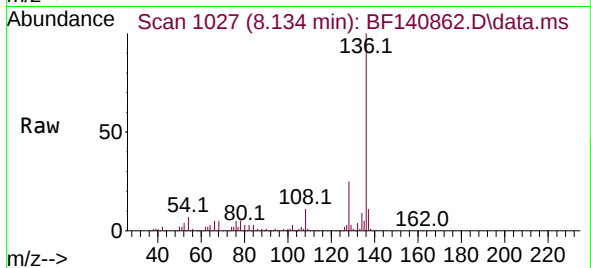
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.9 5.6 8.4

68 5.3 4.2 6.2



#22

Acetophenone

Concen: 71.295 ng

RT: 7.269 min Scan# 880

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Tgt Ion:105 Resp: 576358

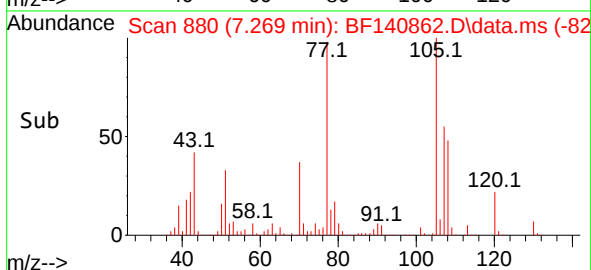
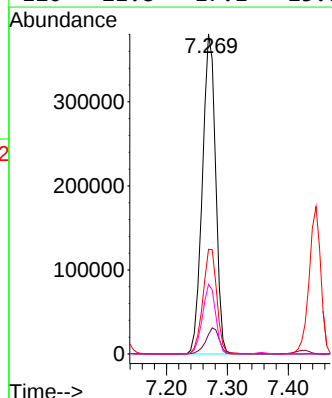
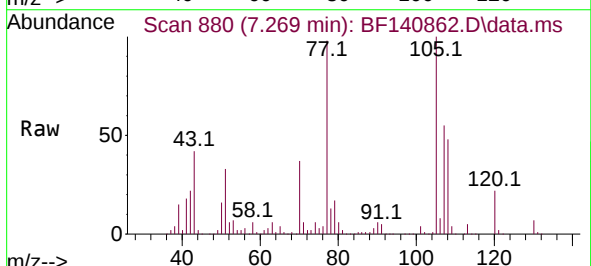
Ion Ratio Lower Upper

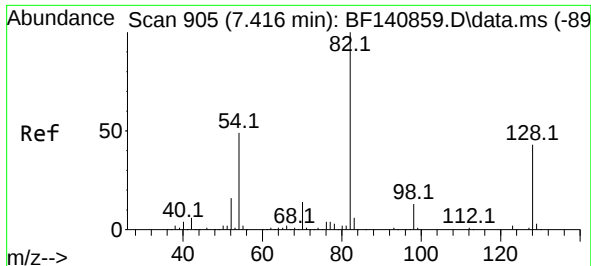
105 100

71 6.1 6.2 9.4#

51 32.7 26.3 39.5

120 21.8 17.1 25.7





#23

Nitrobenzene-d5

Concen: 146.623 ng

RT: 7.428 min Scan# 90

Delta R.T. 0.012 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

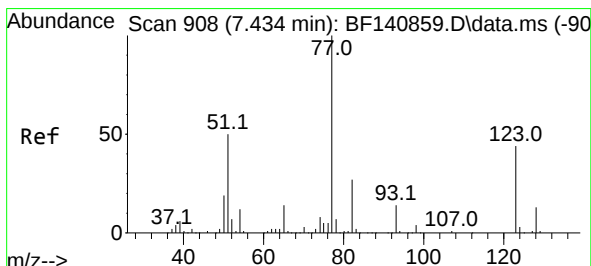
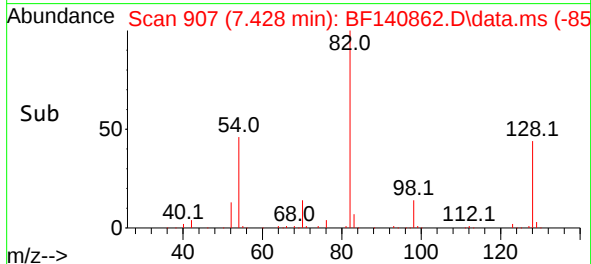
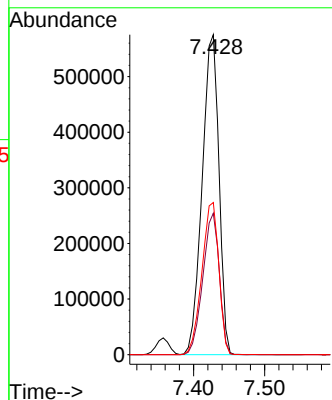
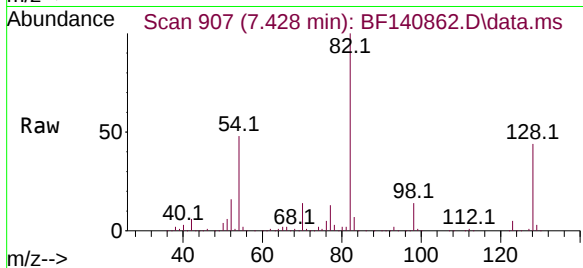
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 947083

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.4	51.6
54	47.6	38.8	58.2



#24

Nitrobenzene

Concen: 73.246 ng

RT: 7.445 min Scan# 910

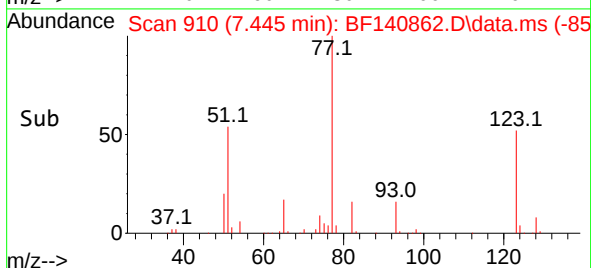
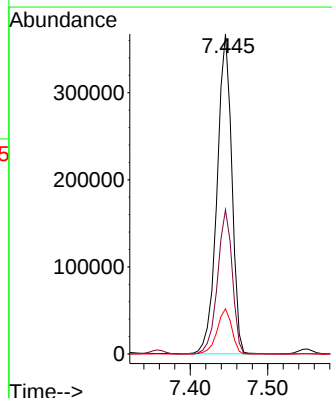
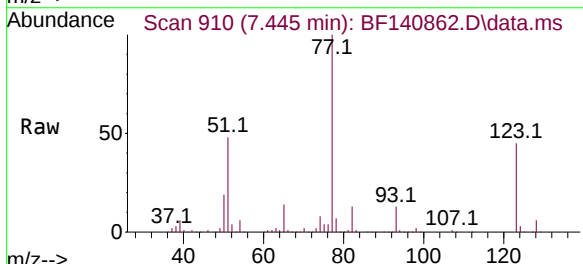
Delta R.T. 0.012 min

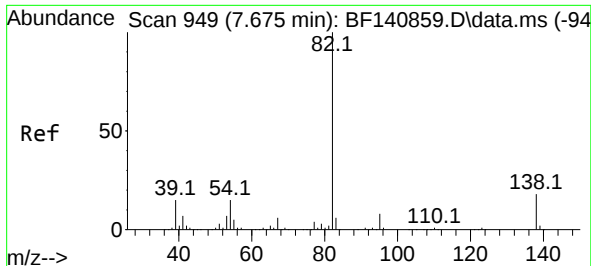
Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Tgt Ion: 77 Resp: 484693

Ion	Ratio	Lower	Upper
77	100		
123	45.1	35.0	52.4
65	14.1	11.4	17.0

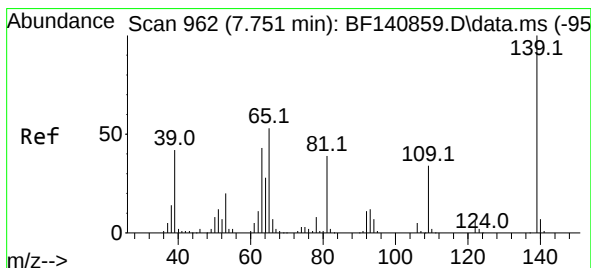
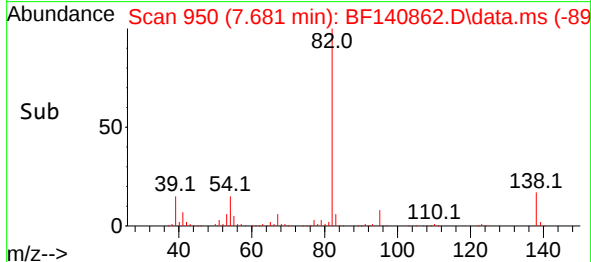
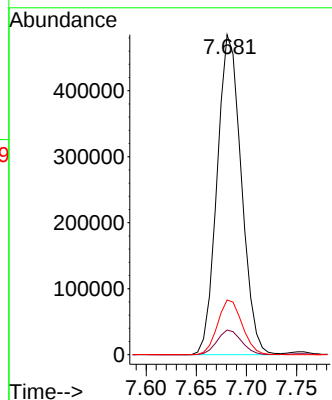
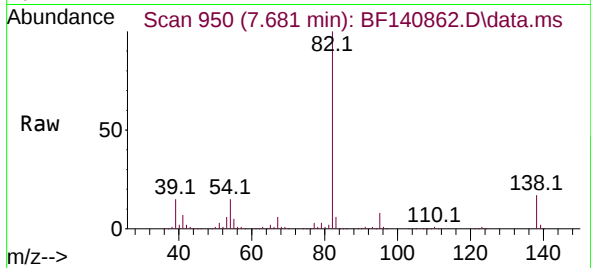




#25
Isophorone
Concen: 75.310 ng
RT: 7.681 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

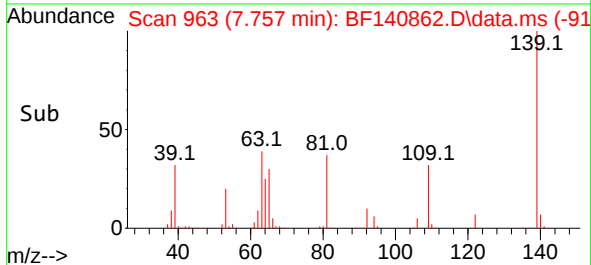
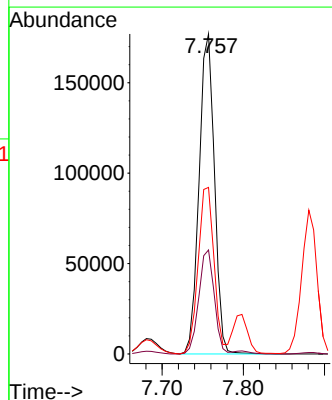
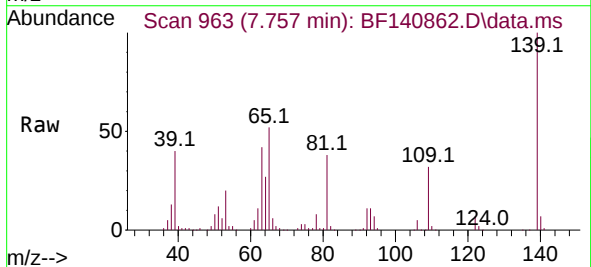
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 815074
Ion Ratio Lower Upper
82 100
95 7.7 6.3 9.5
138 17.1 14.1 21.1



#26
2-Nitrophenol
Concen: 76.426 ng
RT: 7.757 min Scan# 963
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:139 Resp: 232926
Ion Ratio Lower Upper
139 100
109 32.5 26.9 40.3
65 52.1 42.6 64.0

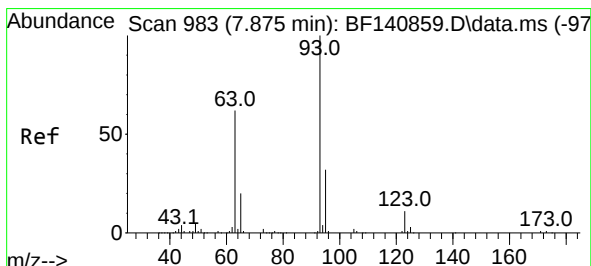
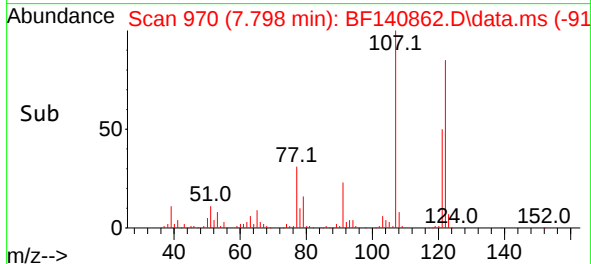
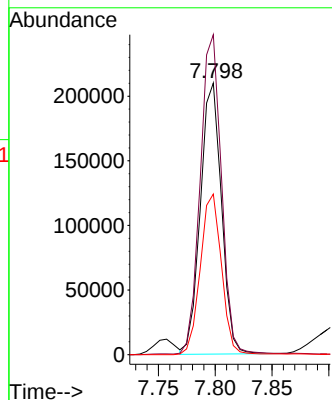
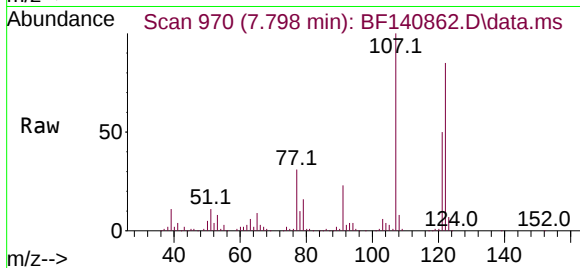




#27
2,4-Dimethylphenol
Concen: 76.101 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

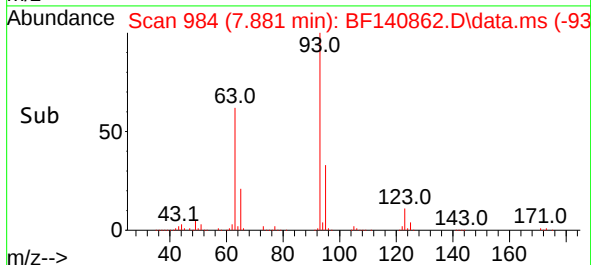
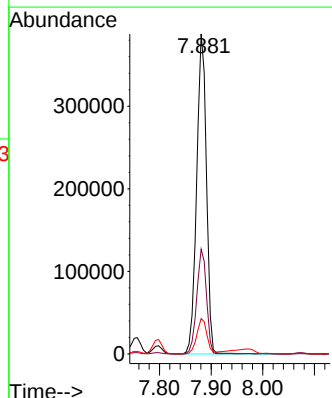
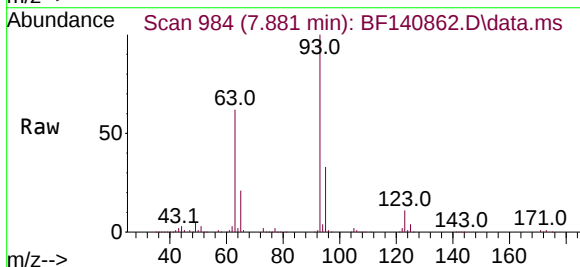
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

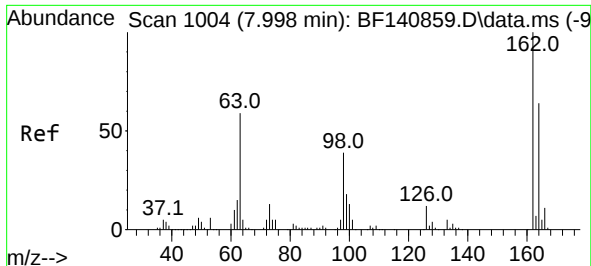
Tgt Ion:122 Resp: 270864
Ion Ratio Lower Upper
122 100
107 117.8 92.6 139.0
121 59.1 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 75.263 ng
RT: 7.881 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion: 93 Resp: 508754
Ion Ratio Lower Upper
93 100
95 32.7 25.3 37.9
123 11.1 8.6 13.0

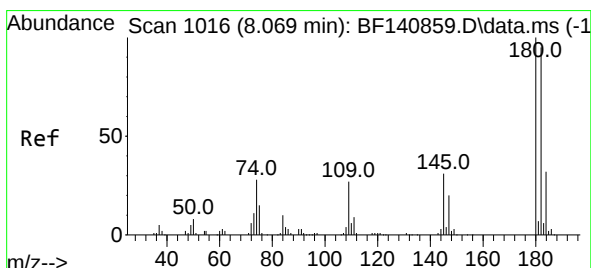
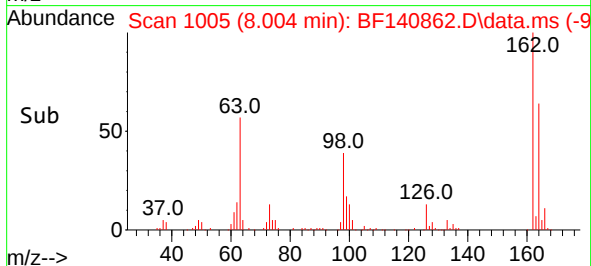
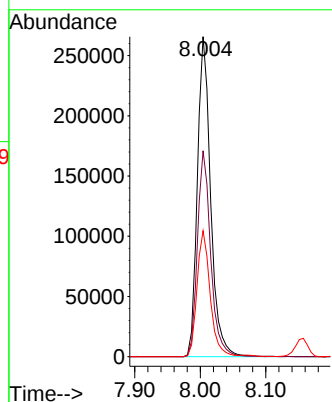
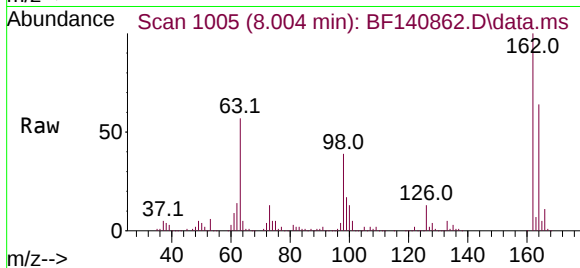




#29
2,4-Dichlorophenol
Concen: 76.199 ng
RT: 8.004 min Scan# 1005
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

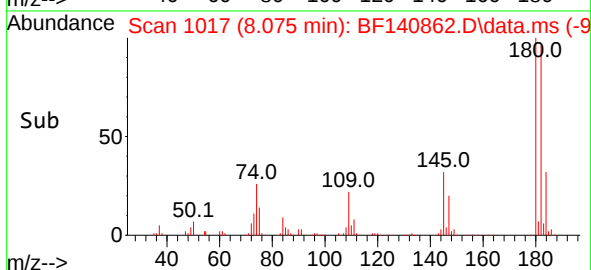
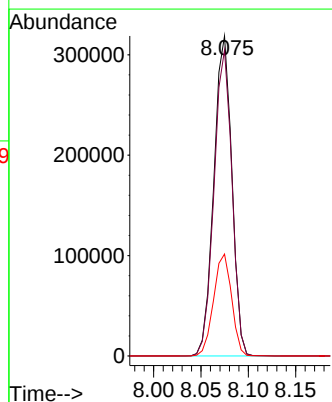
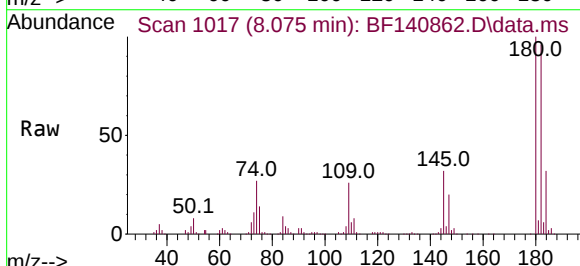
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

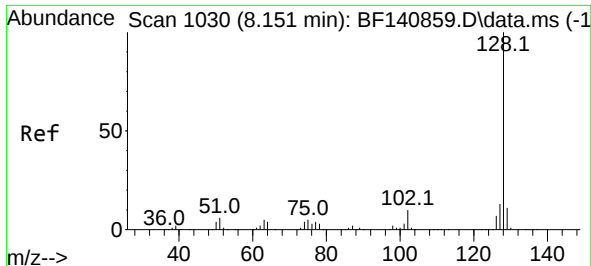
Tgt Ion:162 Resp: 374434
Ion Ratio Lower Upper
162 100
164 64.4 43.7 83.7
98 39.4 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 74.635 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:180 Resp: 420429
Ion Ratio Lower Upper
180 100
182 95.6 75.8 113.6
145 31.9 25.2 37.8

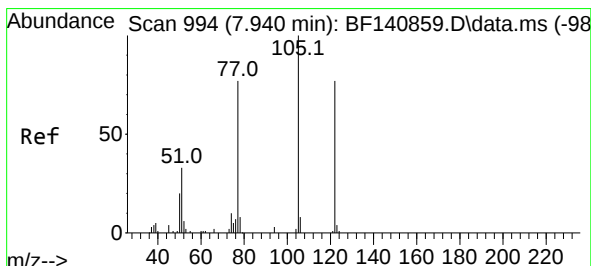
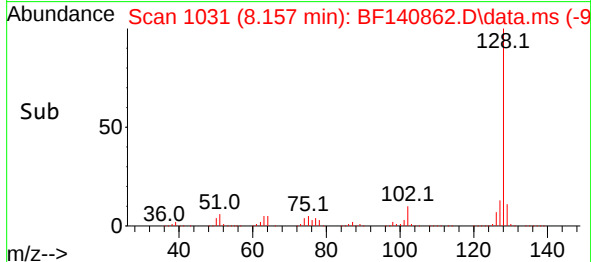
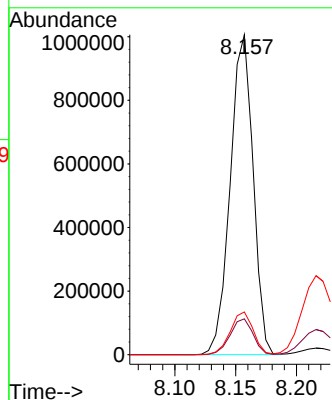
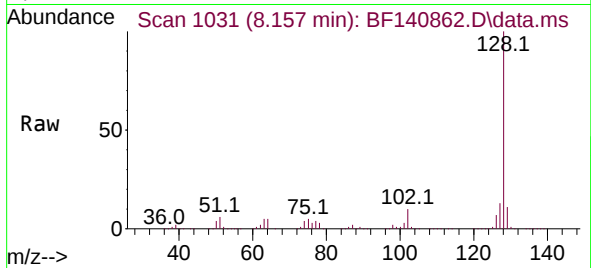




#31
Naphthalene
Concen: 74.301 ng
RT: 8.157 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

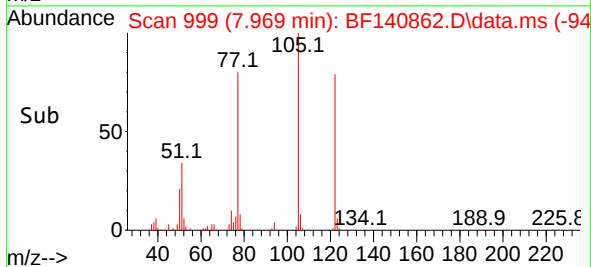
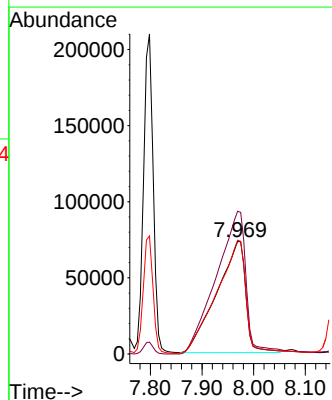
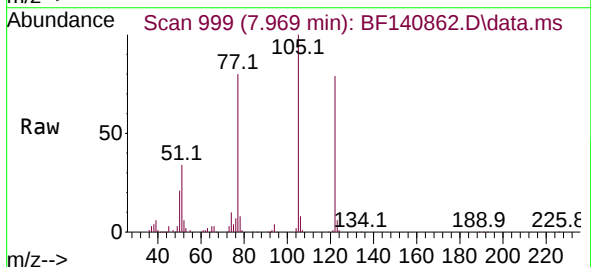
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

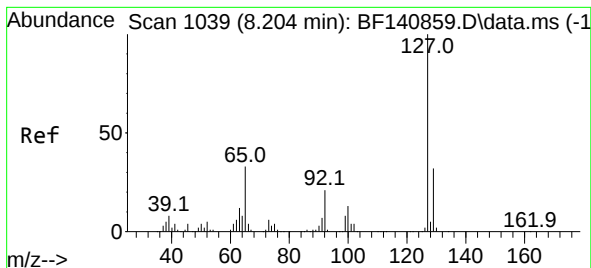
Tgt Ion:128 Resp: 1318982
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 84.342 ng
RT: 7.969 min Scan# 999
Delta R.T. 0.029 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:122 Resp: 284705
Ion Ratio Lower Upper
122 100
105 126.9 108.3 148.3
77 101.2 78.8 118.8





#33

4-Chloroaniline

Concen: 76.586 ng

RT: 8.216 min Scan# 1041

Delta R.T. 0.012 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:127 Resp: 451539

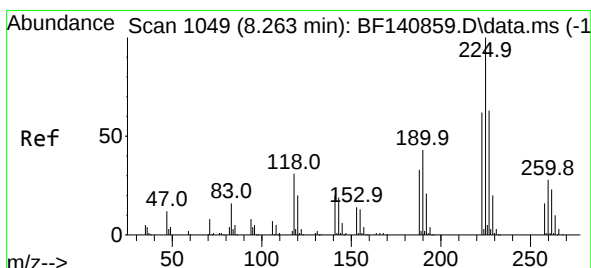
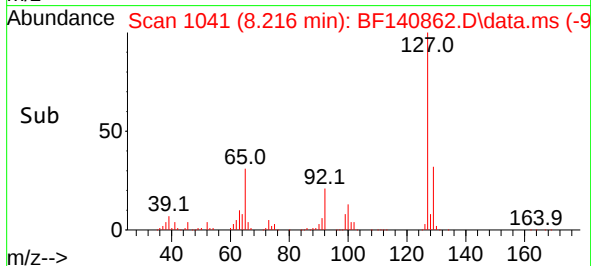
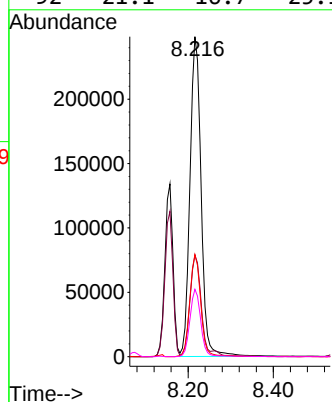
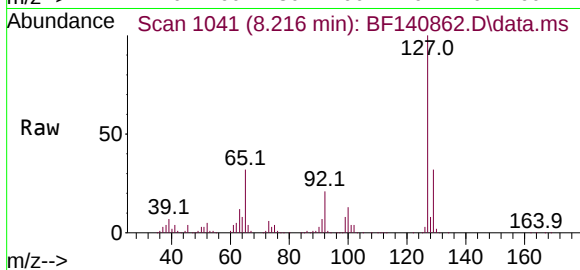
Ion Ratio Lower Upper

127 100

129 31.7 26.0 39.0

65 31.9 26.0 39.0

92 21.1 16.7 25.1



#34

Hexachlorobutadiene

Concen: 74.615 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

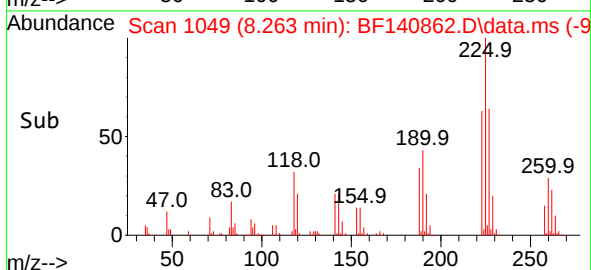
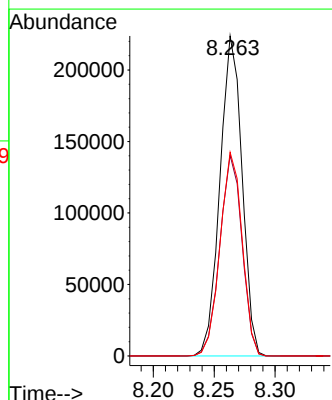
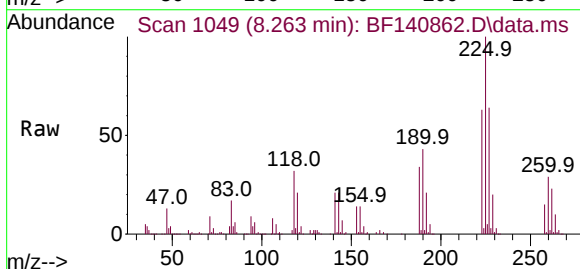
Tgt Ion:225 Resp: 282790

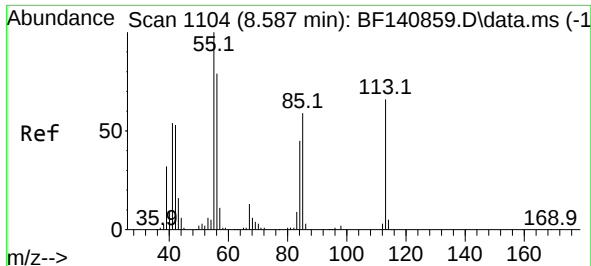
Ion Ratio Lower Upper

225 100

223 62.7 49.6 74.4

227 63.7 50.7 76.1

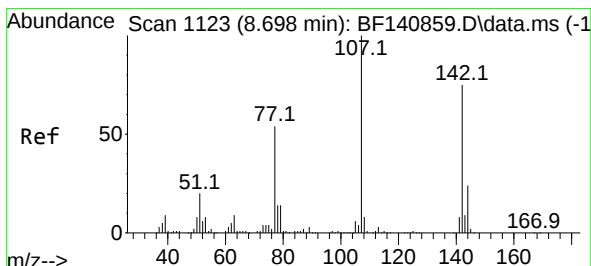
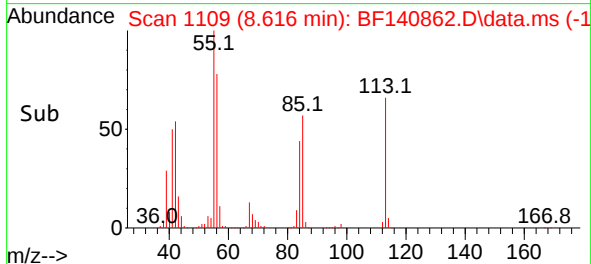
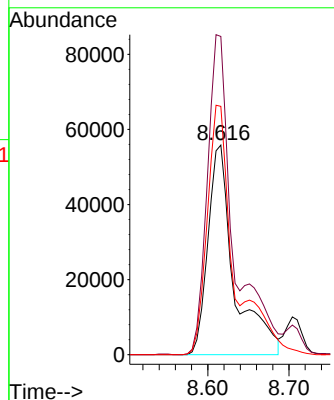
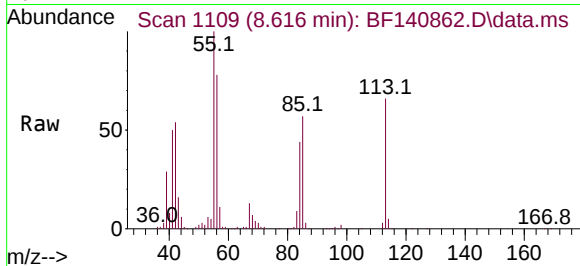




#35
Caprolactam
Concen: 85.813 ng m
RT: 8.616 min Scan# 1109
Delta R.T. 0.029 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

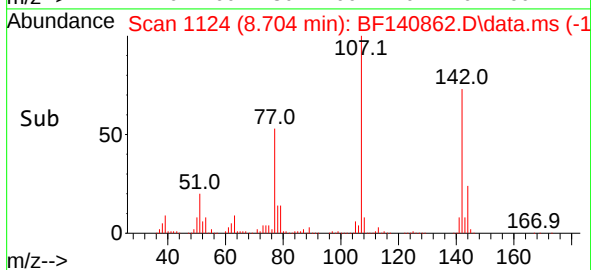
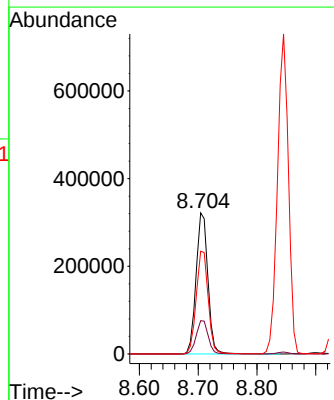
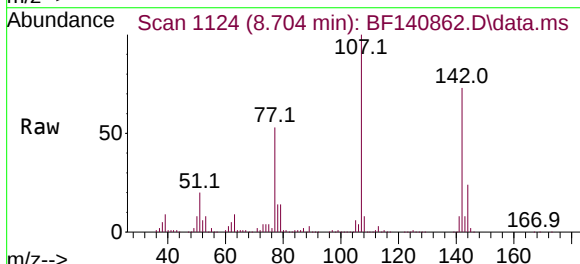
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

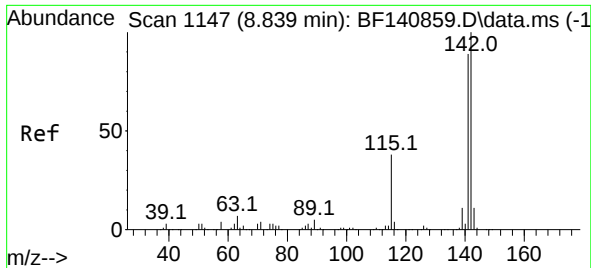
Tgt Ion:113 Resp: 125537
Ion Ratio Lower Upper
113 100
55 151.8 132.3 172.3
56 118.4 100.3 140.3



#36
4-Chloro-3-methylphenol
Concen: 81.301 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:107 Resp: 449654
Ion Ratio Lower Upper
107 100
144 23.5 19.4 29.2
142 72.8 60.3 90.5

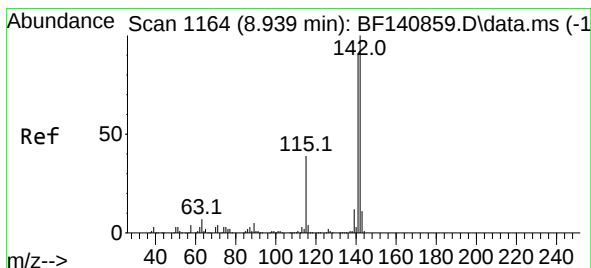
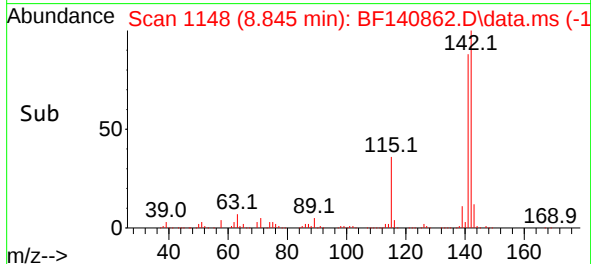
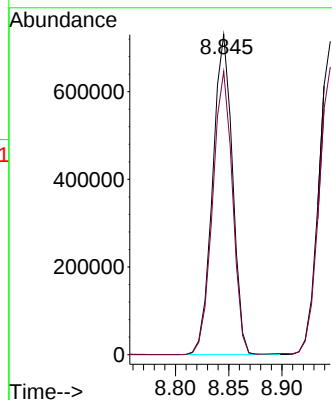
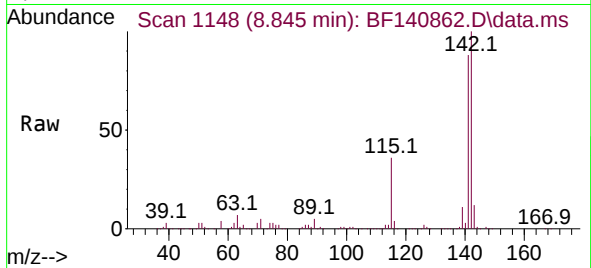




#37
2-Methylnaphthalene
Concen: 80.295 ng
RT: 8.845 min Scan# 1147
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

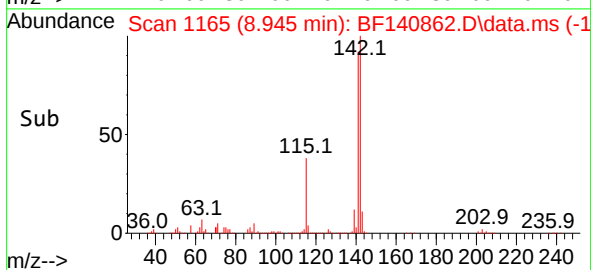
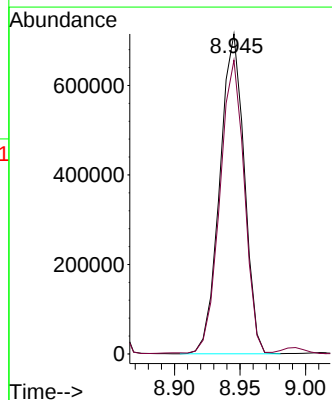
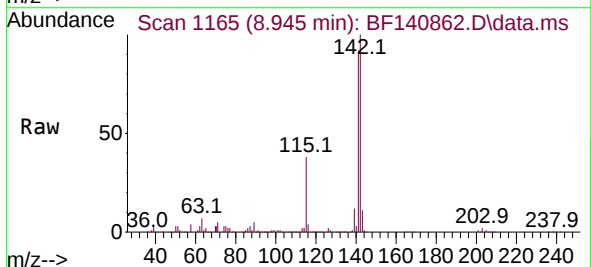
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

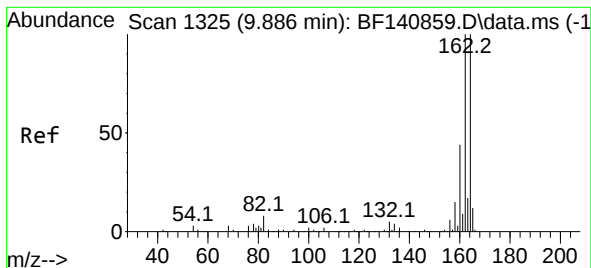
Tgt Ion:142 Resp: 942892
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.6



#38
1-Methylnaphthalene
Concen: 79.695 ng
RT: 8.945 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:142 Resp: 925535
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

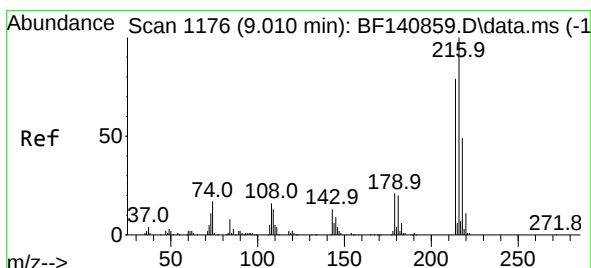
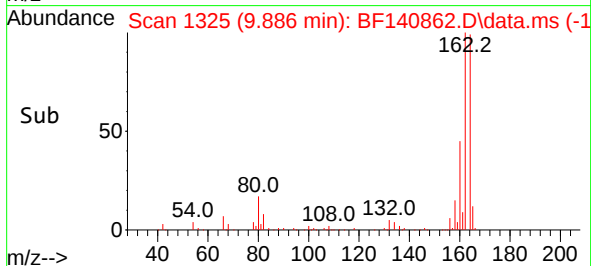
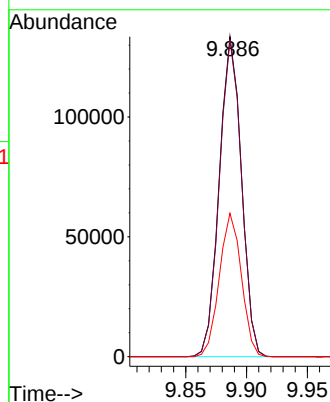
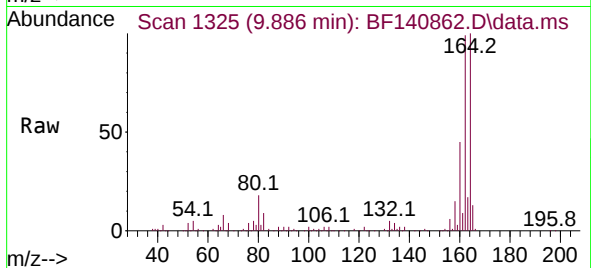
Tgt Ion:164 Resp: 169321

Ion Ratio Lower Upper

164 100

162 99.0 79.9 119.9

160 44.8 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 89.625 ng

RT: 9.010 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Tgt Ion:216 Resp: 466438

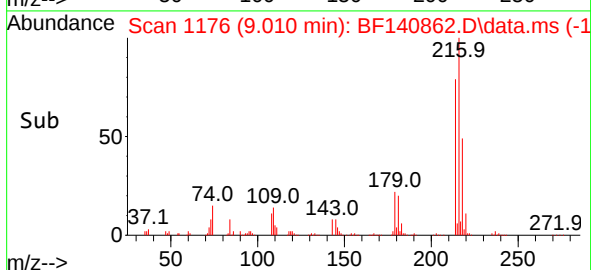
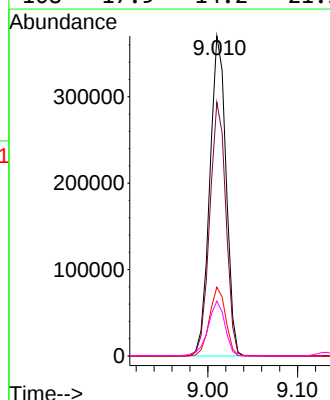
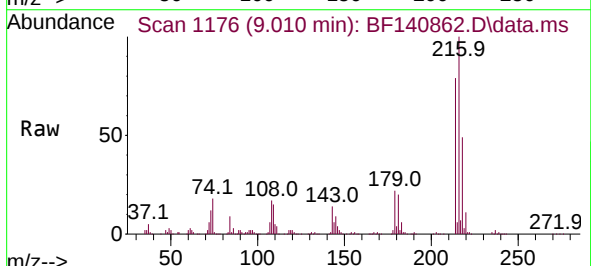
Ion Ratio Lower Upper

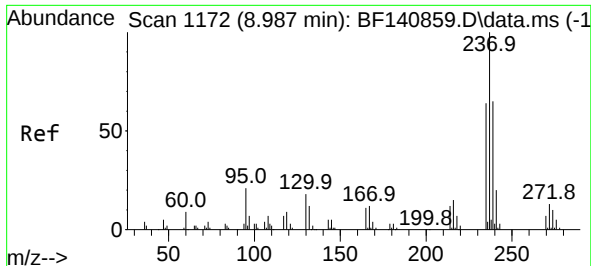
216 100

214 78.7 63.6 95.4

179 21.3 17.0 25.4

108 17.9 14.2 21.2

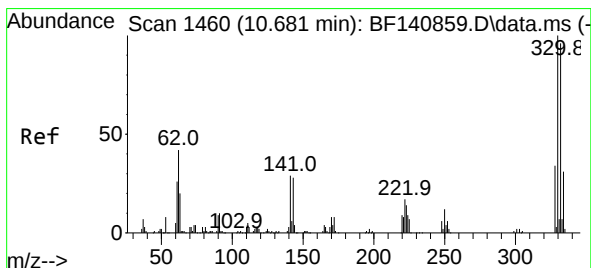
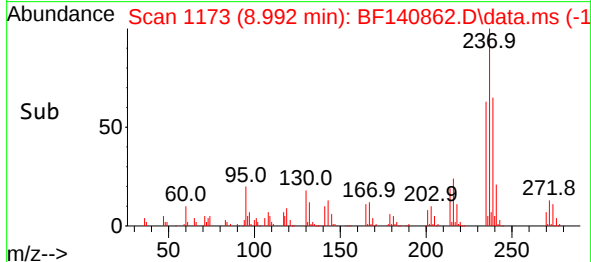
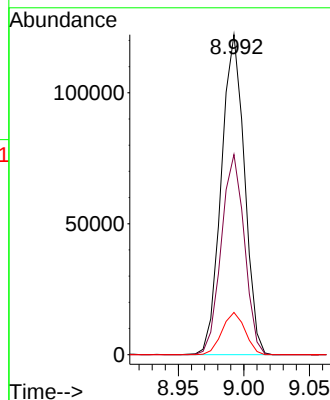
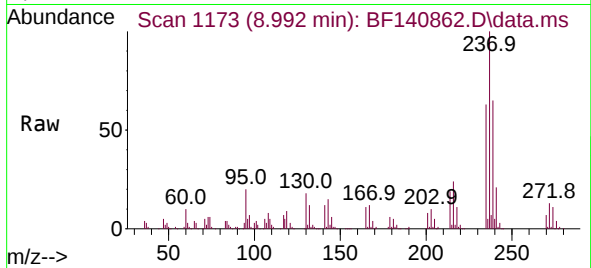




#41
Hexachlorocyclopentadiene
Concen: 80.025 ng
RT: 8.992 min Scan# 1173
Delta R.T. 0.005 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

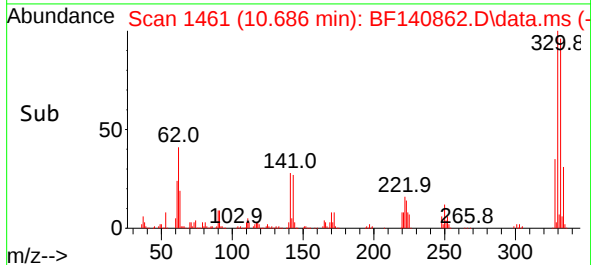
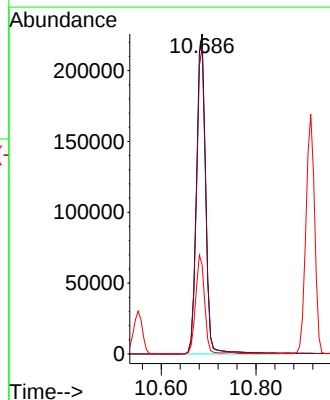
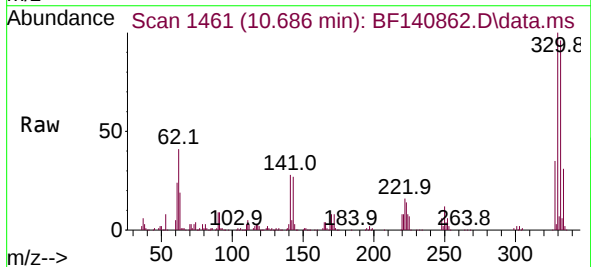
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

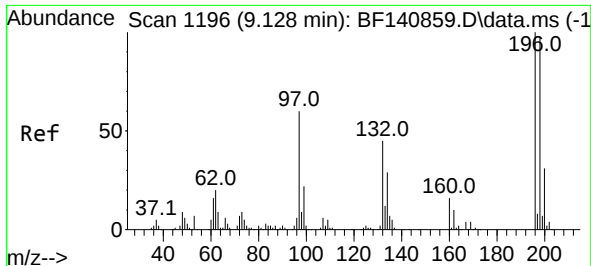
Tgt Ion:237 Resp: 149909
Ion Ratio Lower Upper
237 100
235 62.6 43.7 83.7
272 13.2 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 152.164 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:330 Resp: 304721
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 30.2 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 94.714 ng

RT: 9.134 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

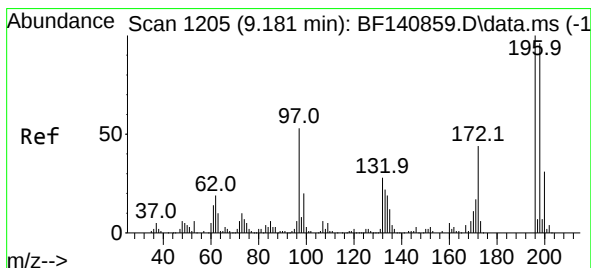
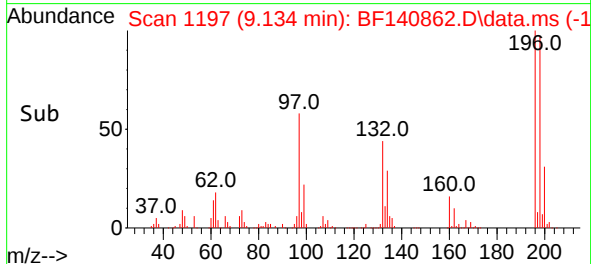
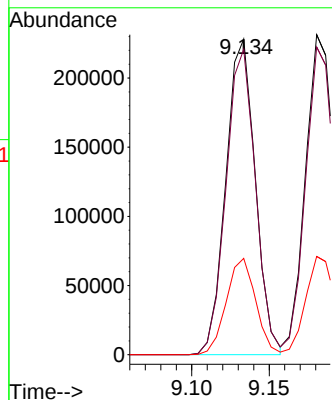
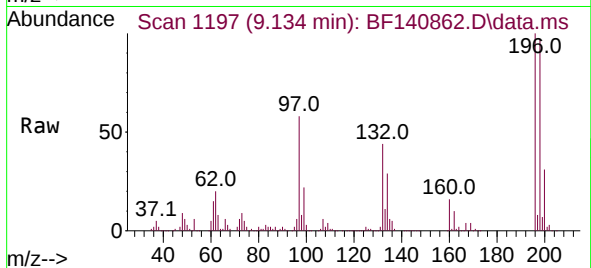
Tgt Ion:196 Resp: 301828

Ion Ratio Lower Upper

196 100

198 96.8 77.4 116.0

200 30.5 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 91.760 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Tgt Ion:196 Resp: 321402

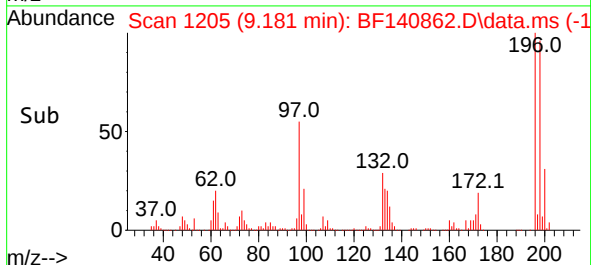
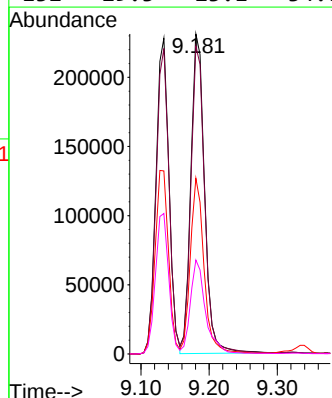
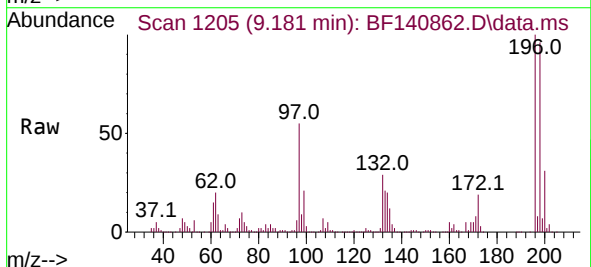
Ion Ratio Lower Upper

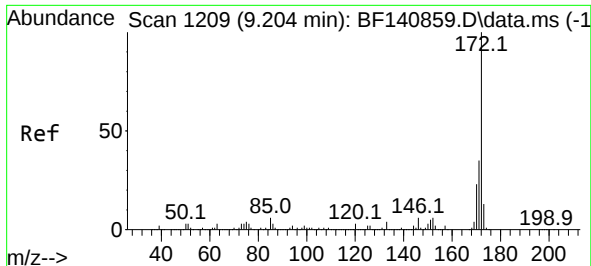
196 100

198 96.1 77.2 115.8

97 54.9 42.2 63.4

132 29.3 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 166.807 ng

RT: 9.210 min Scan# 1210

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

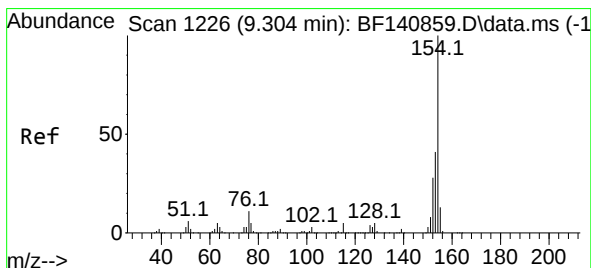
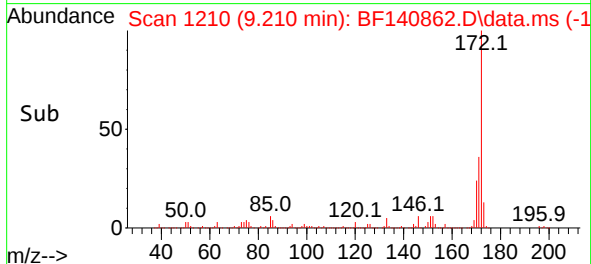
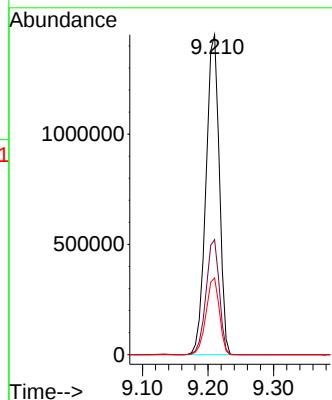
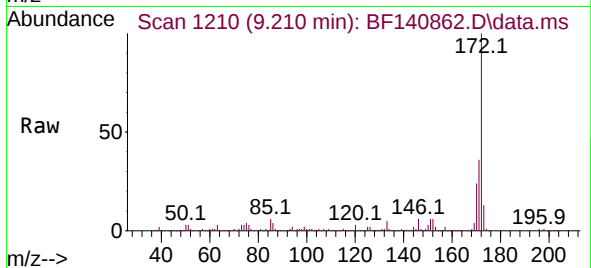
Tgt Ion:172 Resp: 2054327

Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 24.0 18.6 28.0



#46

1,1'-Biphenyl

Concen: 88.155 ng

RT: 9.310 min Scan# 1227

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

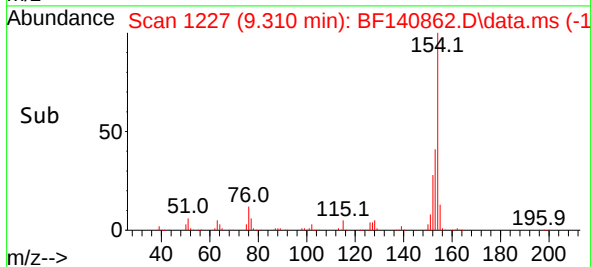
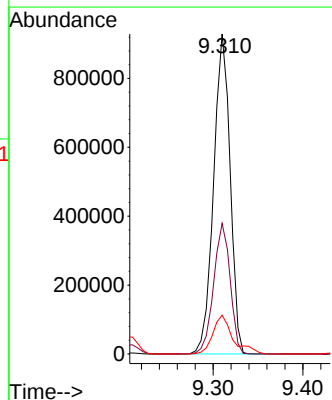
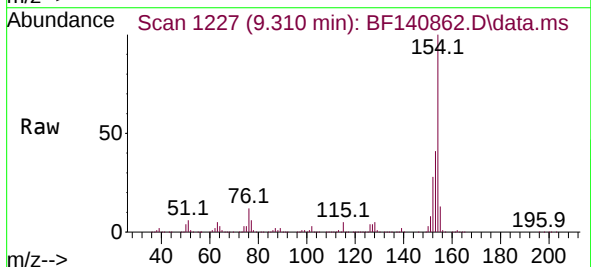
Tgt Ion:154 Resp: 1186930

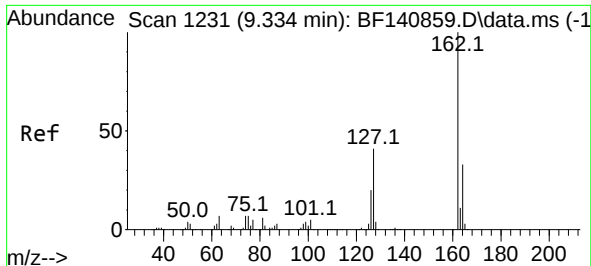
Ion Ratio Lower Upper

154 100

153 40.8 20.8 60.8

76 12.1 0.0 31.0

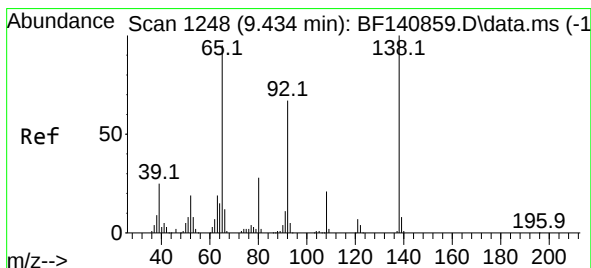
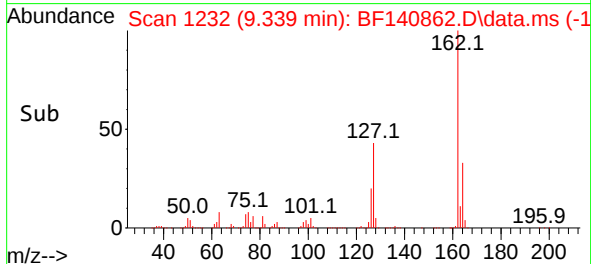
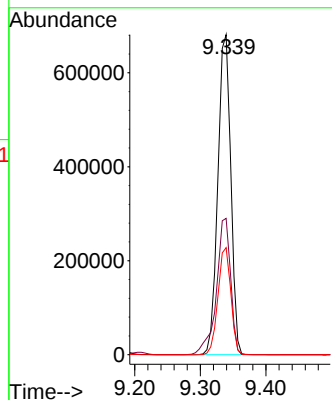
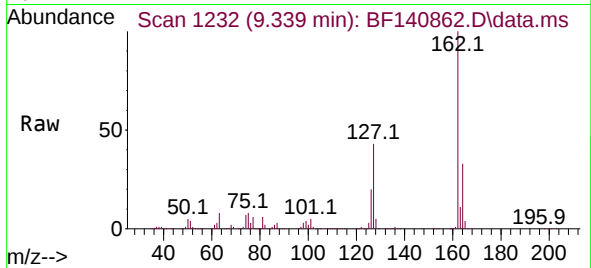




#47
2-Chloronaphthalene
Concen: 90.075 ng
RT: 9.339 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

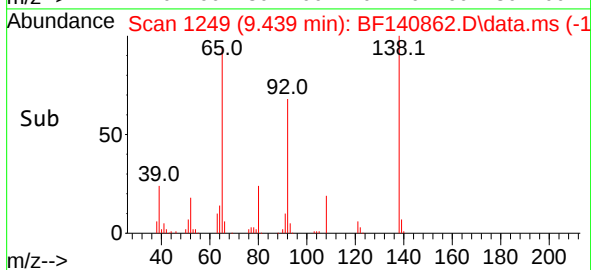
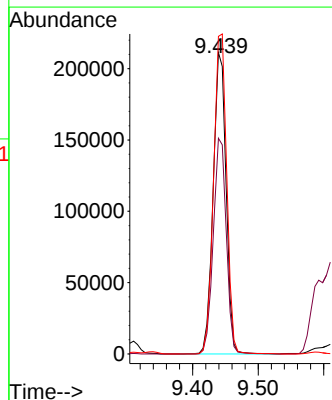
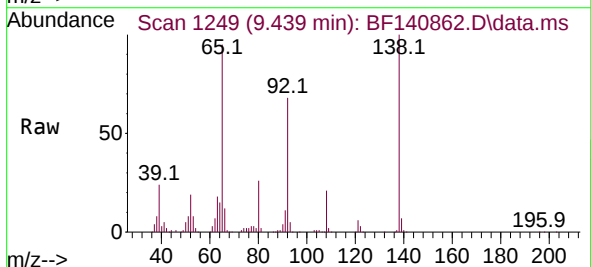
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

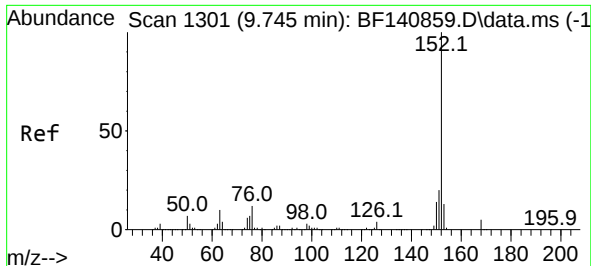
Tgt Ion:162 Resp: 927799
Ion Ratio Lower Upper
162 100
127 42.6 33.5 50.3
164 33.4 26.2 39.2



#48
2-Nitroaniline
Concen: 93.162 ng
RT: 9.439 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion: 65 Resp: 289810
Ion Ratio Lower Upper
65 100
92 71.5 56.3 84.5
138 105.3 83.8 125.6





#49

Acenaphthylene

Concen: 77.278 ng

RT: 9.751 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

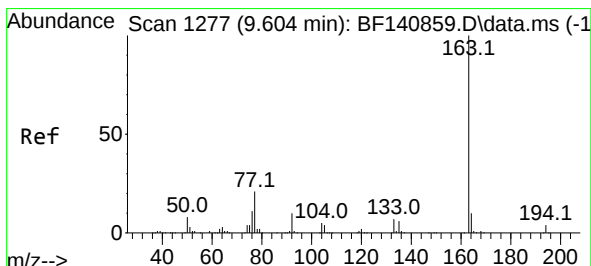
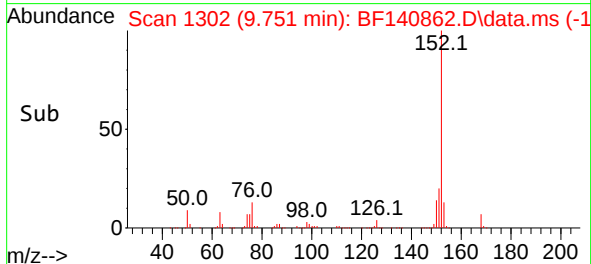
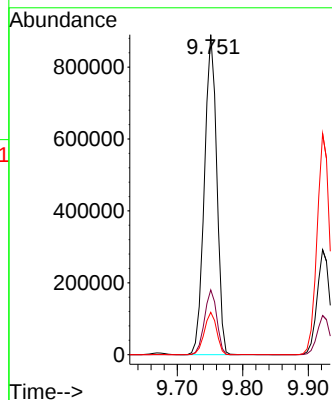
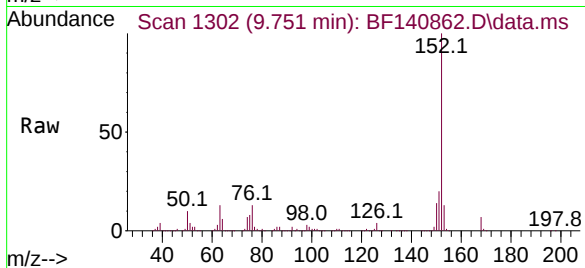
Tgt Ion:152 Resp: 1169747

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 87.890 ng

RT: 9.616 min Scan# 1279

Delta R.T. 0.012 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

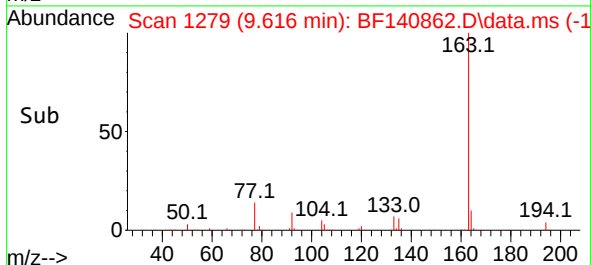
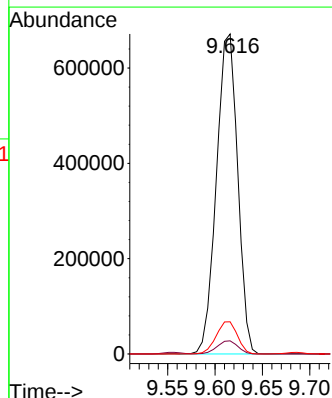
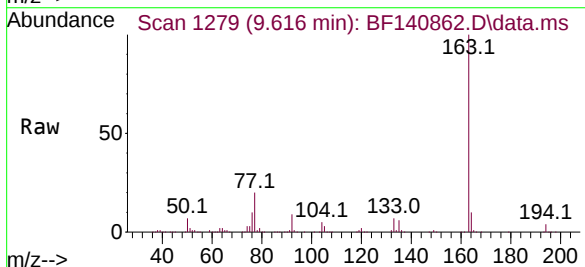
Tgt Ion:163 Resp: 1049196

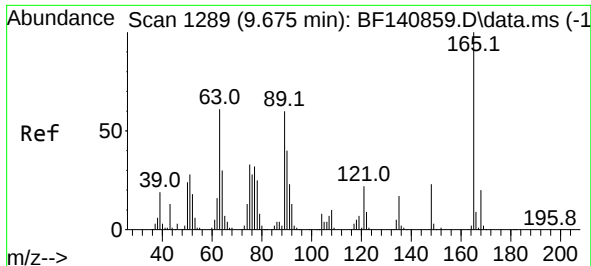
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.1 8.1 12.1

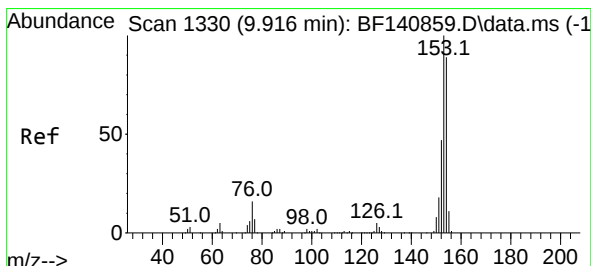
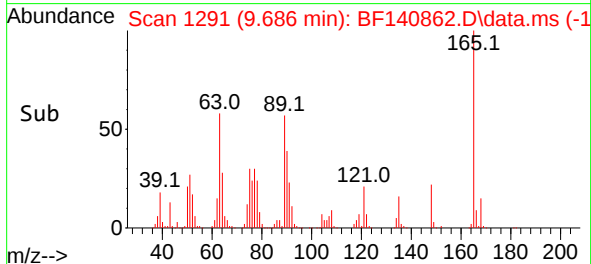
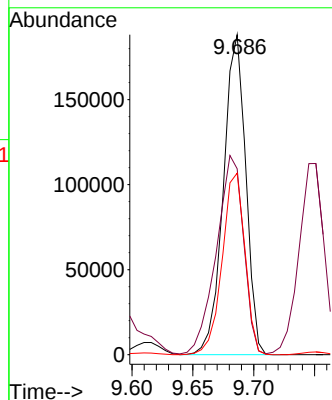
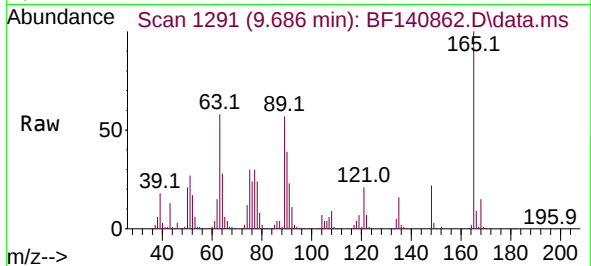




#51
2,6-Dinitrotoluene
Concen: 88.104 ng
RT: 9.686 min Scan# 1289
Delta R.T. 0.012 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

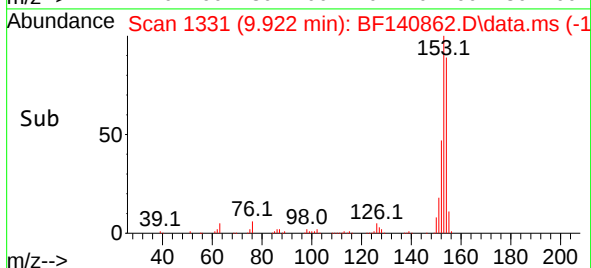
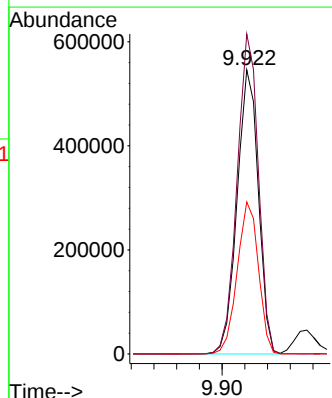
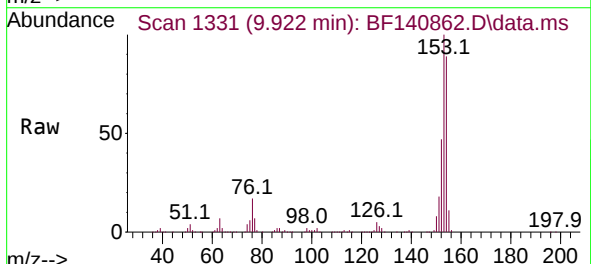
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

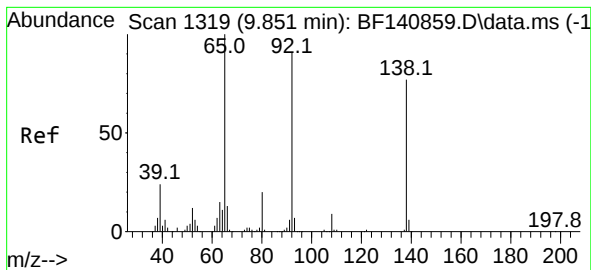
Tgt Ion:165 Resp: 240439
Ion Ratio Lower Upper
165 100
63 58.1 49.7 74.5
89 56.8 48.2 72.4



#52
Acenaphthene
Concen: 73.511 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:154 Resp: 710789
Ion Ratio Lower Upper
154 100
153 112.6 89.9 134.9
152 53.5 42.6 63.8





#53

3-Nitroaniline

Concen: 76.804 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

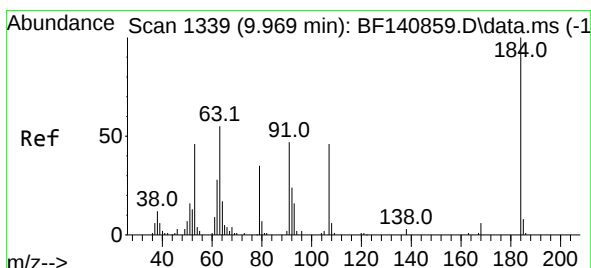
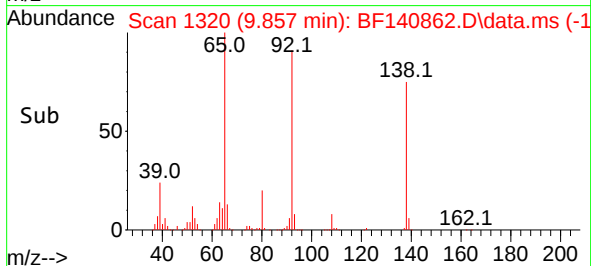
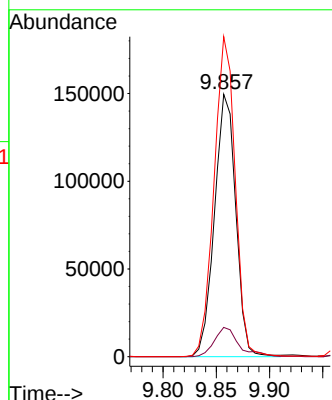
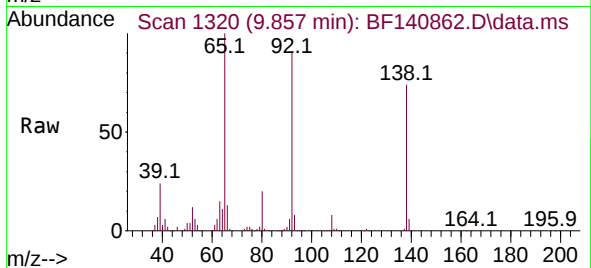
Tgt Ion:138 Resp: 208004

Ion Ratio Lower Upper

138 100

108 11.1 9.0 13.4

92 122.0 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 79.797 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

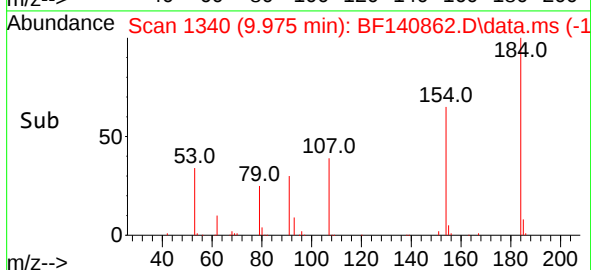
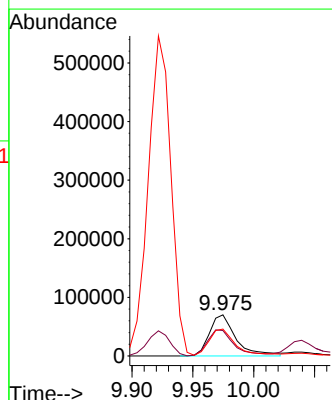
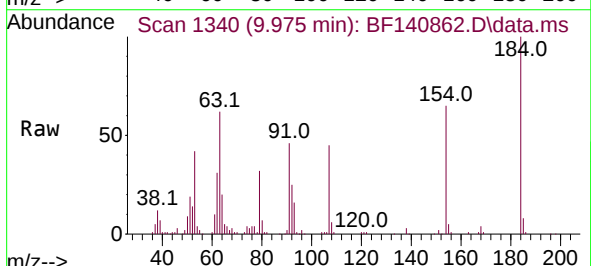
Tgt Ion:184 Resp: 106230

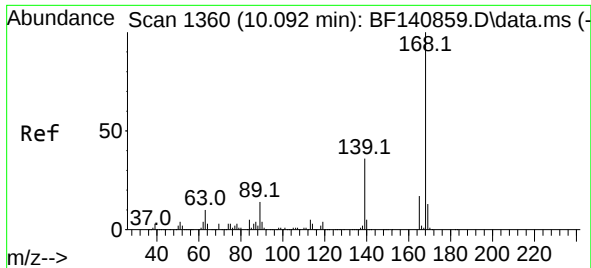
Ion Ratio Lower Upper

184 100

63 62.0 51.6 77.4

154 65.4 56.1 84.1

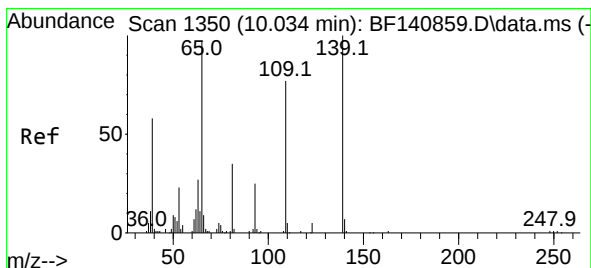
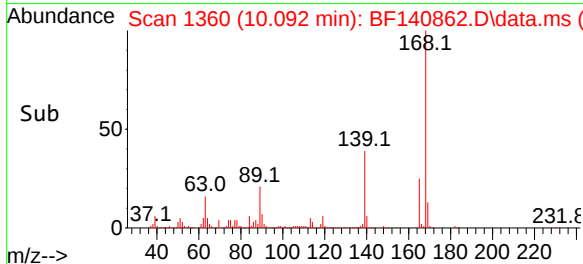
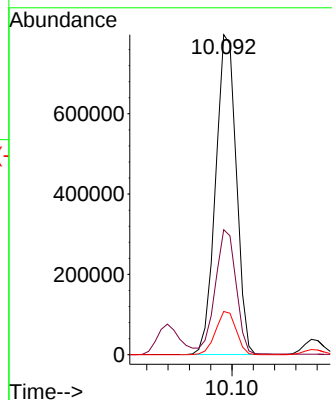
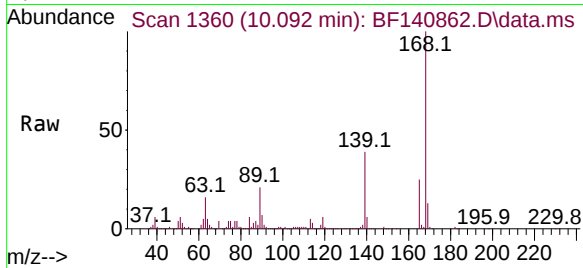




#55
Dibenzenofuran
Concen: 71.543 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

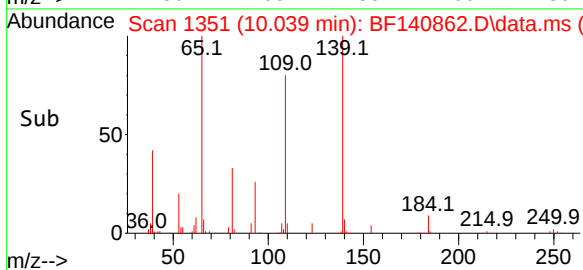
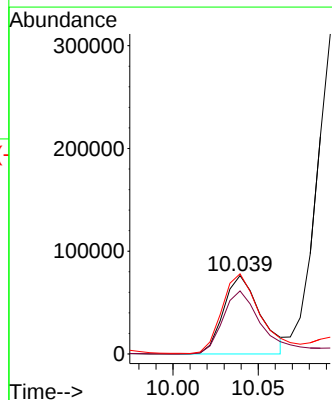
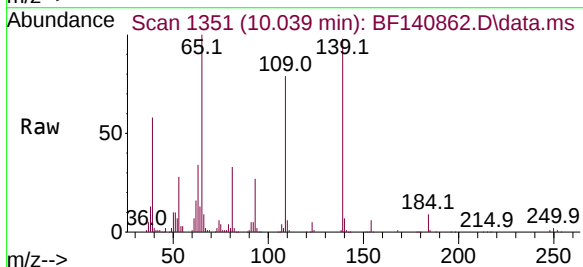
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

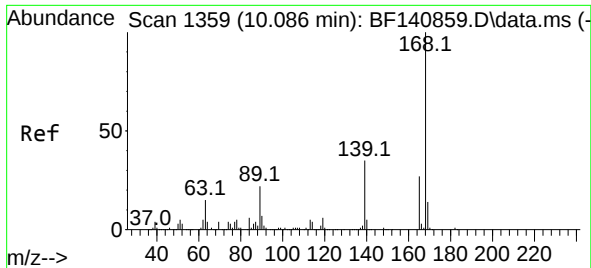
Tgt Ion:168 Resp: 1071923
Ion Ratio Lower Upper
168 100
139 39.1 31.1 46.7
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 77.685 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.005 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:139 Resp: 112972
Ion Ratio Lower Upper
139 100
109 80.5 56.7 96.7
65 102.3 78.1 118.1

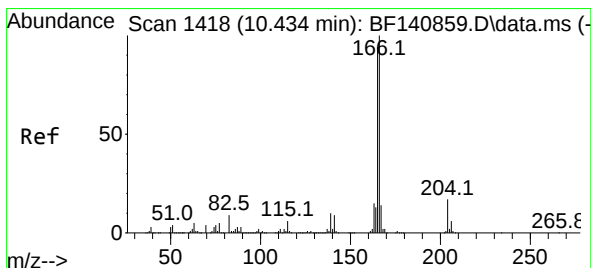
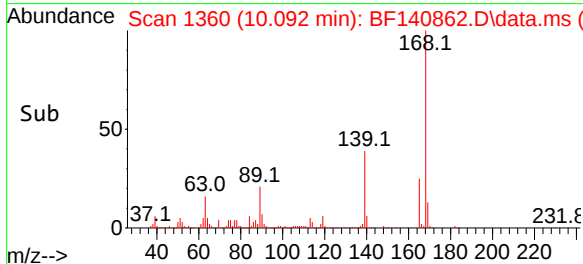
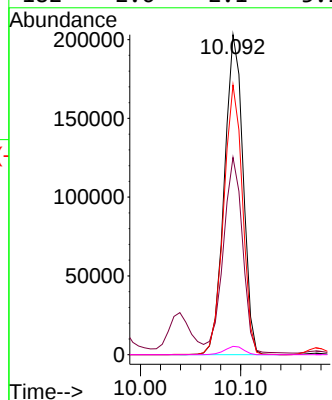
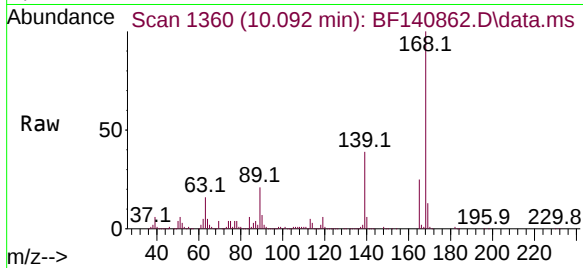




#57
2,4-Dinitrotoluene
Concen: 73.423 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

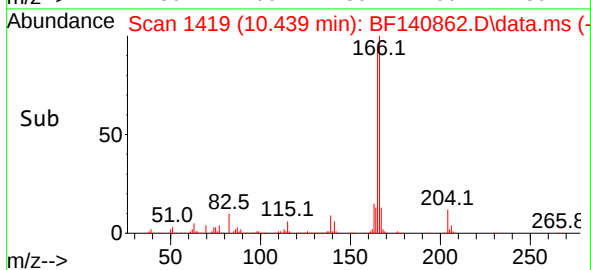
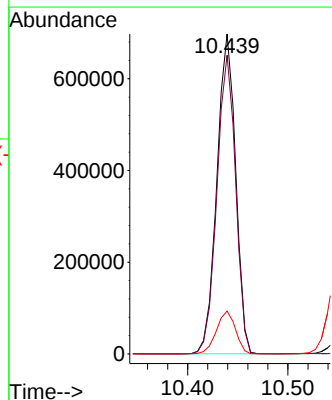
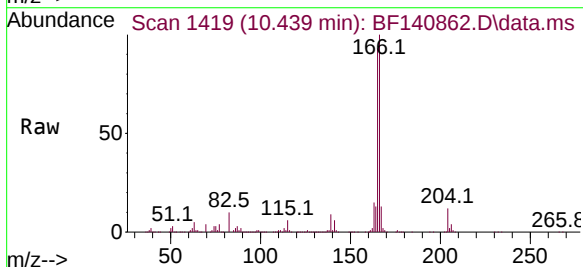
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

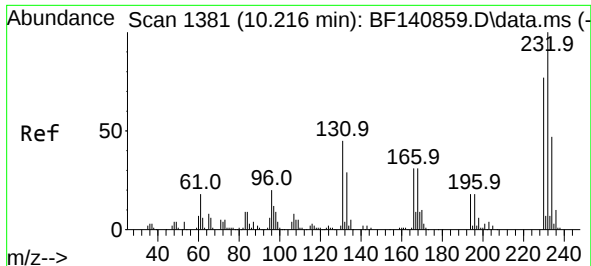
Tgt Ion:165 Resp: 263636
Ion Ratio Lower Upper
165 100
63 61.7 49.3 73.9
89 84.3 66.2 99.4
182 2.6 2.1 3.1



#58
Fluorene
Concen: 73.147 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:166 Resp: 904163
Ion Ratio Lower Upper
166 100
165 93.3 75.1 112.7
167 13.4 11.1 16.7

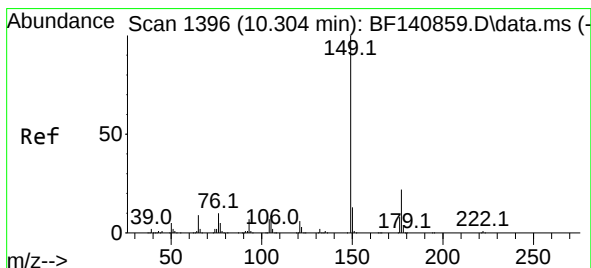
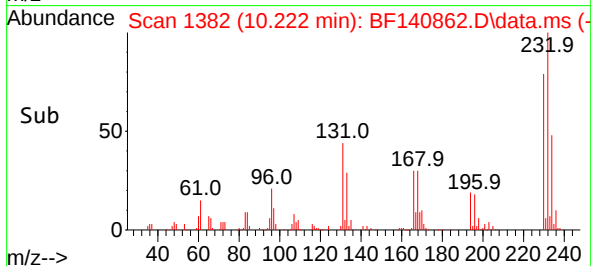
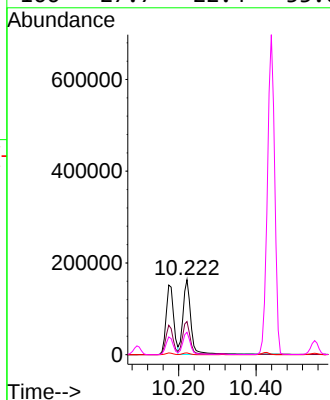
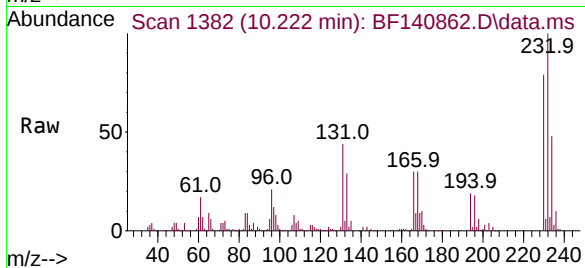




#59
2,3,4,6-Tetrachlorophenol
Concen: 80.870 ng
RT: 10.222 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

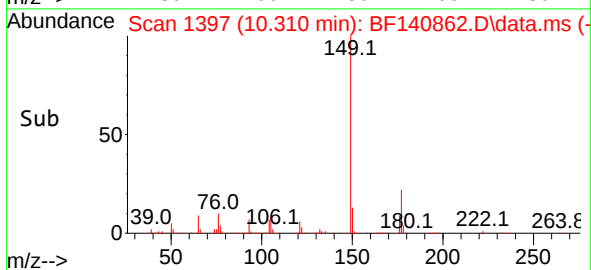
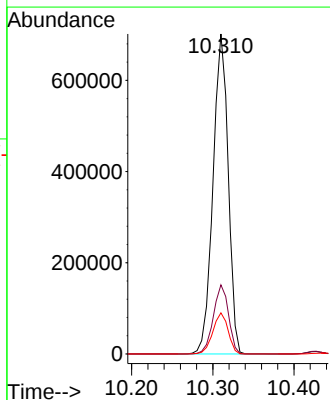
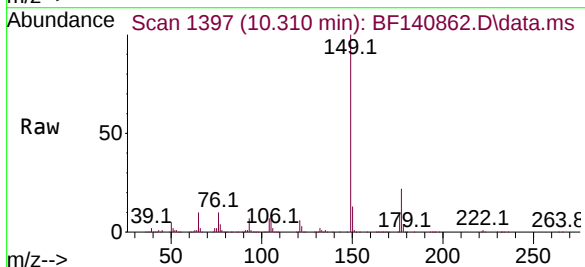
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

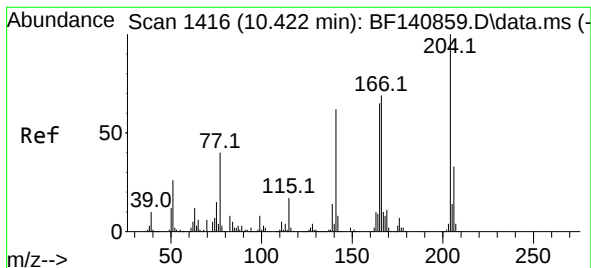
Tgt Ion:232 Resp: 230812
Ion Ratio Lower Upper
232 100
131 43.4 35.1 52.7
130 2.1 1.8 2.8
166 27.7 22.4 33.6



#60
Diethylphthalate
Concen: 73.664 ng
RT: 10.310 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:149 Resp: 911868
Ion Ratio Lower Upper
149 100
177 21.6 17.2 25.8
150 12.8 10.1 15.1

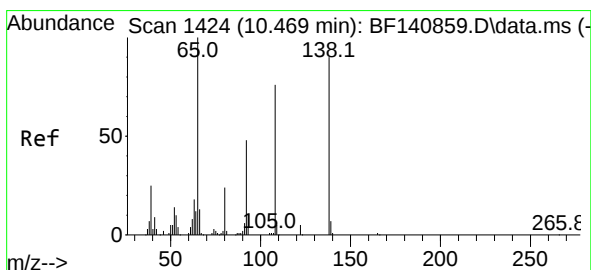
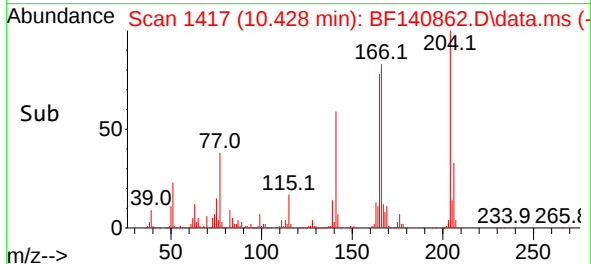
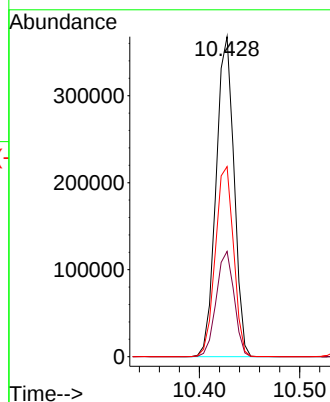
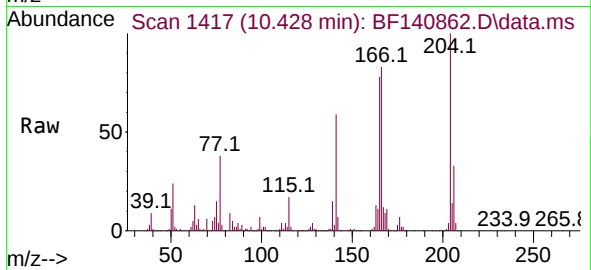




#61
4-Chlorophenyl-phenylether
Concen: 73.562 ng
RT: 10.428 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

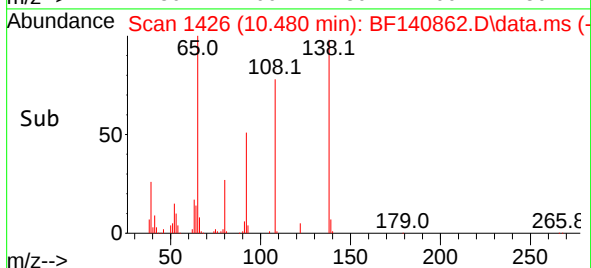
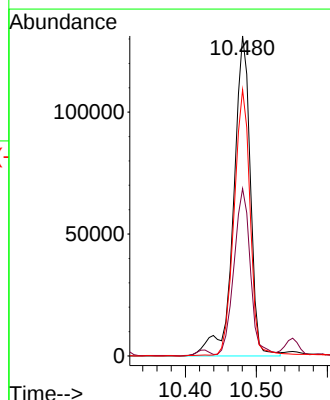
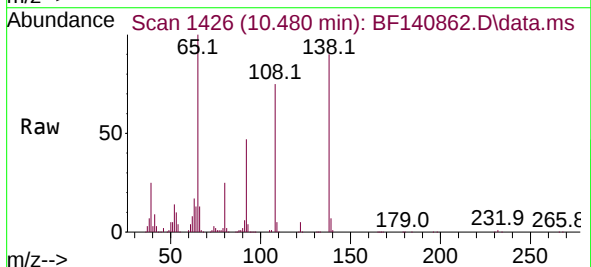
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

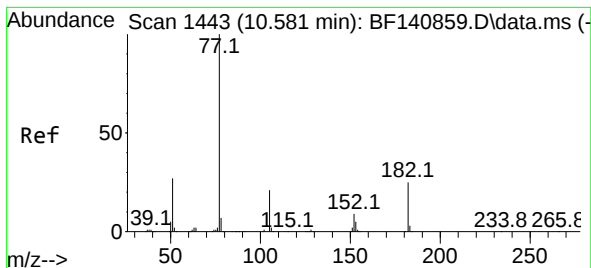
Tgt Ion:204 Resp: 456754
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 59.4 50.0 75.0



#62
4-Nitroaniline
Concen: 76.547 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:138 Resp: 216635
Ion Ratio Lower Upper
138 100
92 52.3 32.6 72.6
108 83.2 64.1 104.1





#63

Azobenzene

Concen: 74.110 ng

RT: 10.586 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 862457

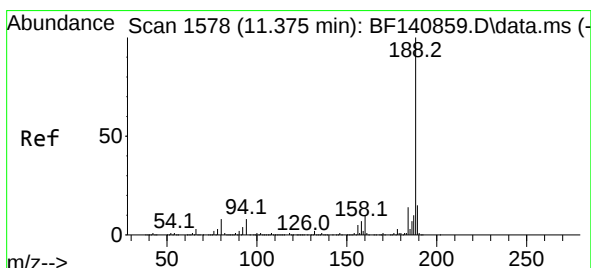
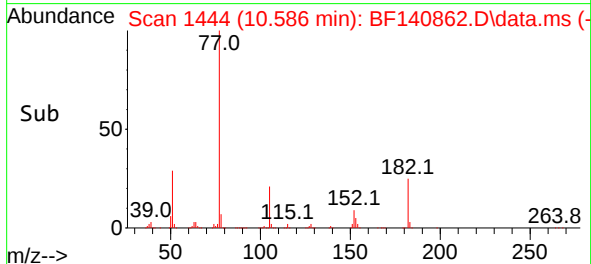
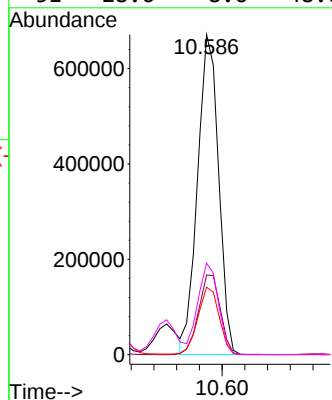
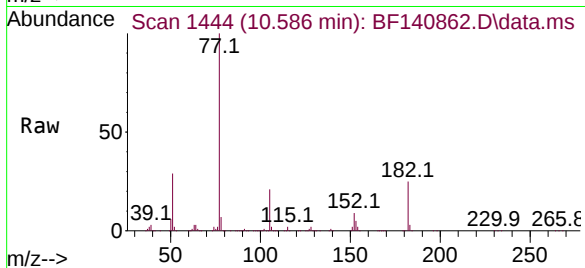
Ion Ratio Lower Upper

77 100

182 24.9 4.5 44.5

105 21.1 0.9 40.9

51 28.6 8.6 48.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

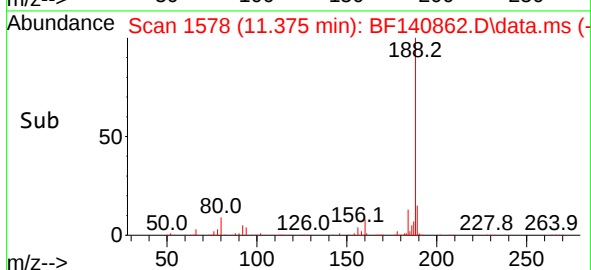
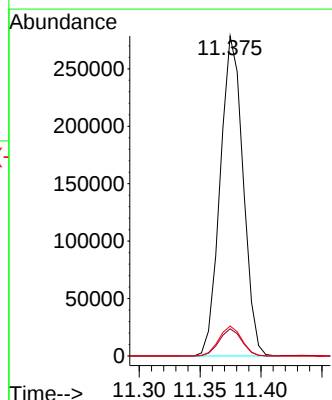
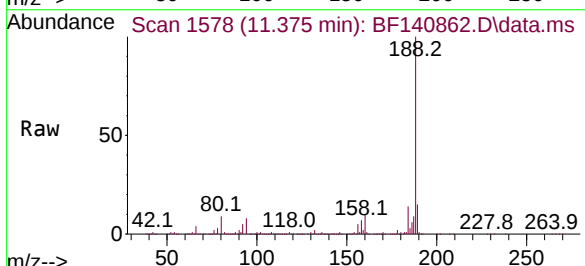
Tgt Ion:188 Resp: 364516

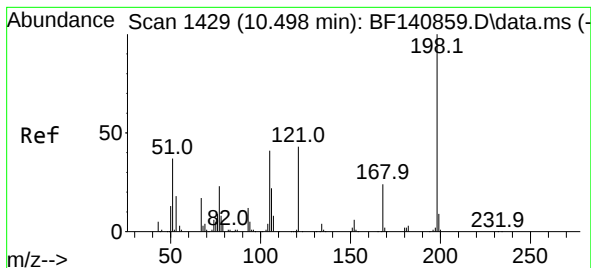
Ion Ratio Lower Upper

188 100

94 8.5 6.4 9.6

80 9.4 6.8 10.2

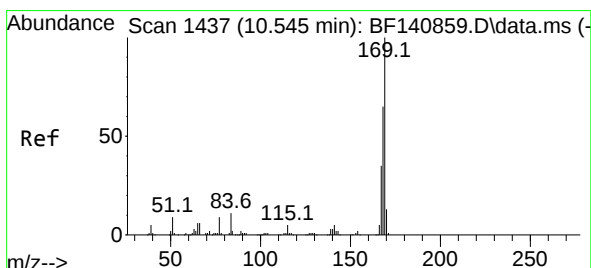
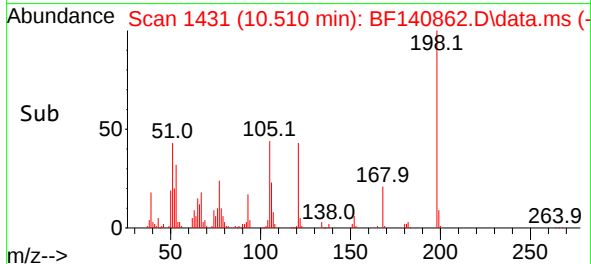
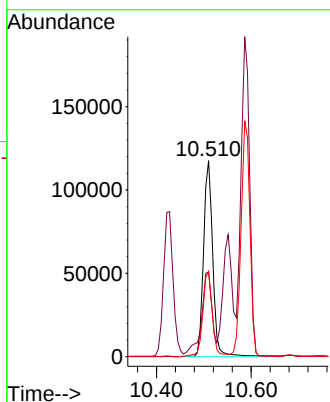
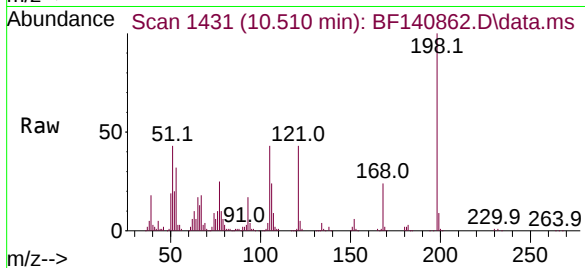




#65
4,6-Dinitro-2-methylphenol
Concen: 76.975 ng
RT: 10.510 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

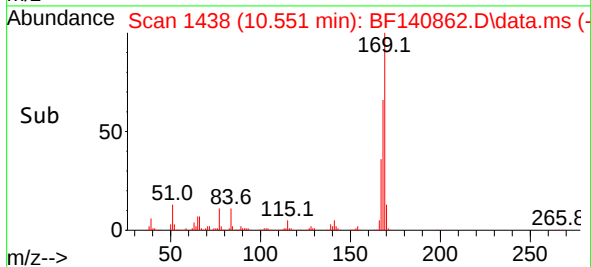
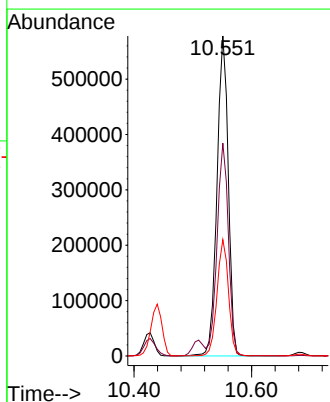
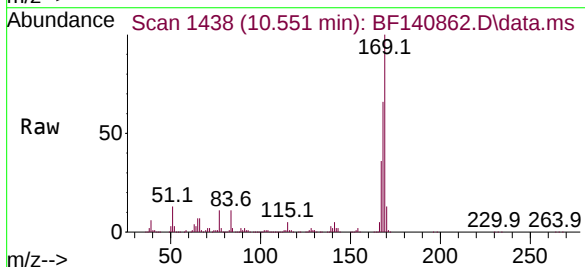
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

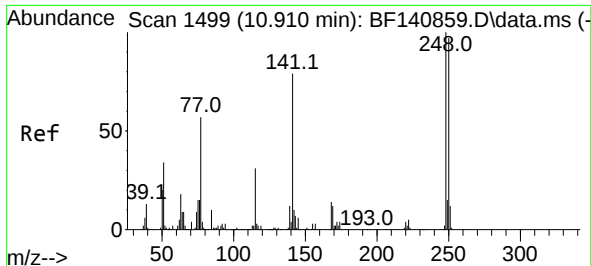
Tgt Ion:198 Resp: 158996
Ion Ratio Lower Upper
198 100
51 43.3 24.4 64.4
105 43.4 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 68.519 ng
RT: 10.551 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:169 Resp: 767906
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.0
167 36.3 28.3 42.5

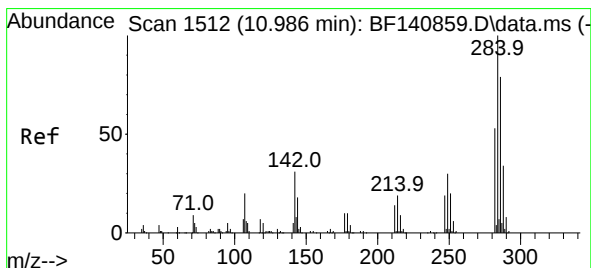
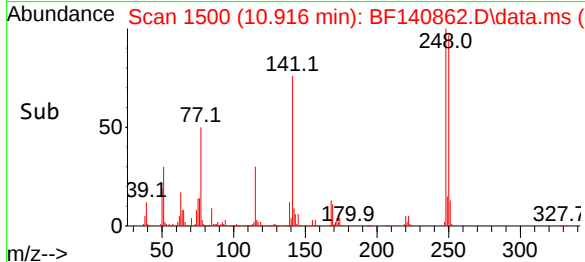
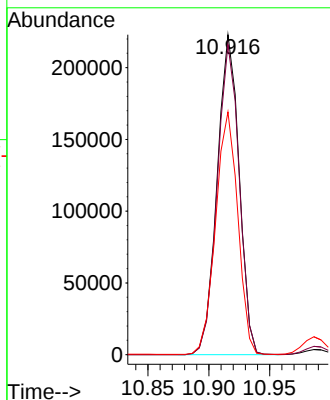
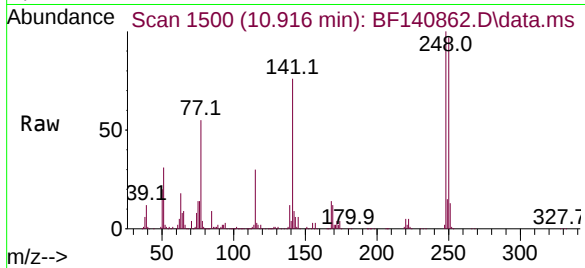




#67
4-Bromophenyl-phenylether
Concen: 68.648 ng
RT: 10.916 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

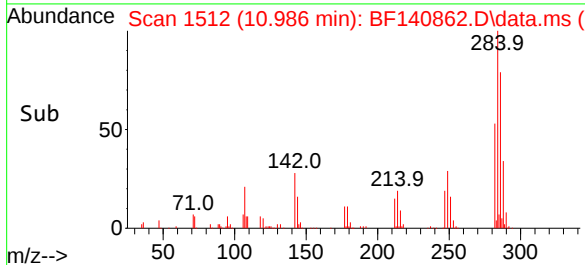
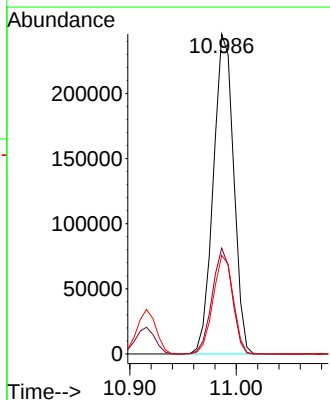
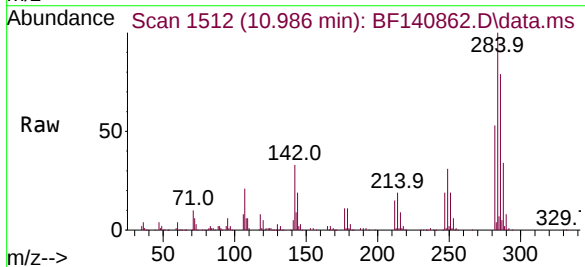
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

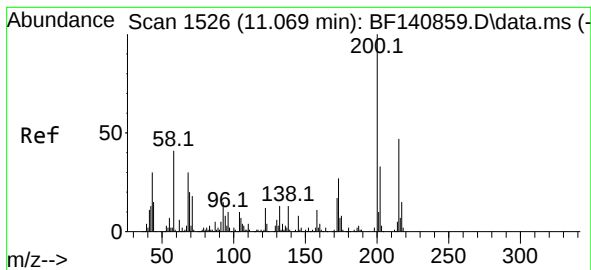
Tgt Ion:248 Resp: 279941
Ion Ratio Lower Upper
248 100
250 96.9 77.4 116.2
141 75.9 62.9 94.3



#68
Hexachlorobenzene
Concen: 70.220 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:284 Resp: 324661
Ion Ratio Lower Upper
284 100
142 33.1 24.6 36.8
249 30.9 24.3 36.5





#69

Atrazine

Concen: 59.385 ng

RT: 11.075 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

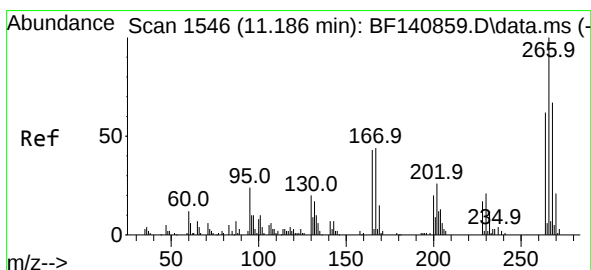
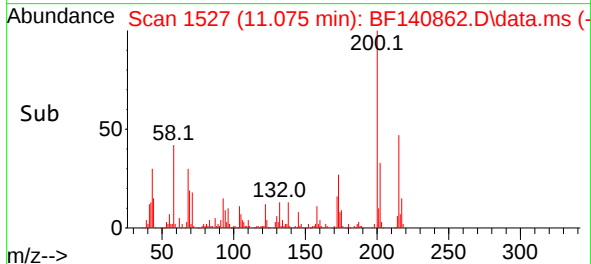
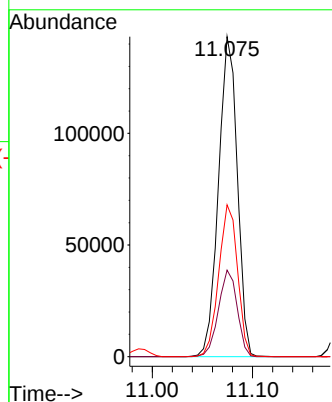
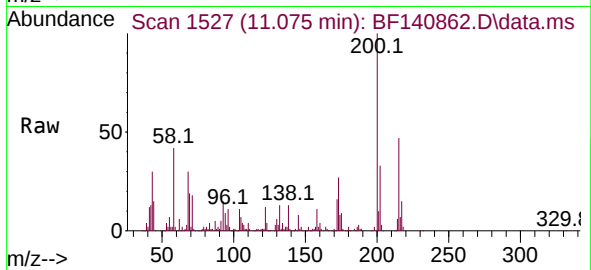
Tgt Ion:200 Resp: 185877

Ion Ratio Lower Upper

200 100

173 27.1 6.6 46.6

215 47.4 26.7 66.7



#70

Pentachlorophenol

Concen: 91.050 ng

RT: 11.192 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

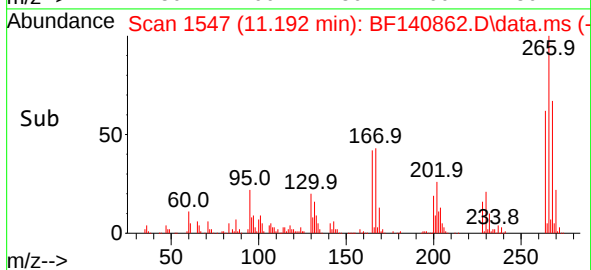
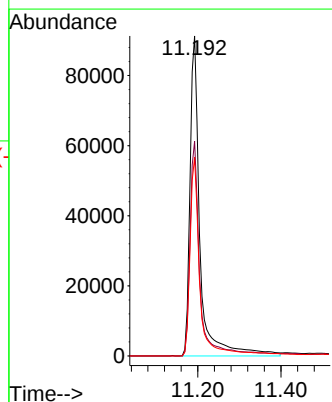
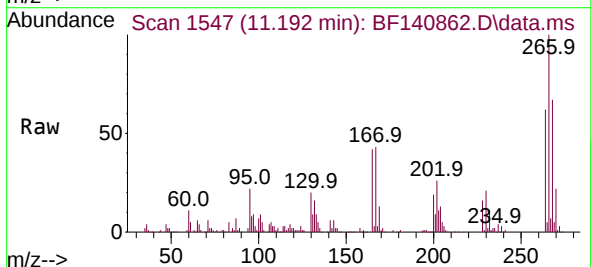
Tgt Ion:266 Resp: 153999

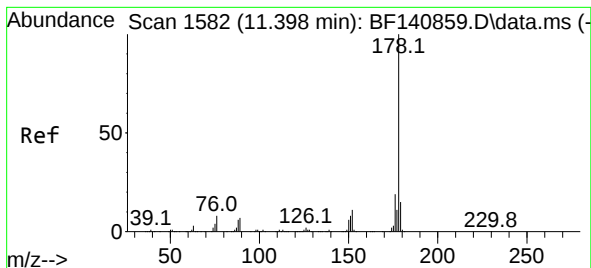
Ion Ratio Lower Upper

266 100

268 67.1 54.0 81.0

264 62.1 49.4 74.2





#71

Phenanthrene

Concen: 72.850 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

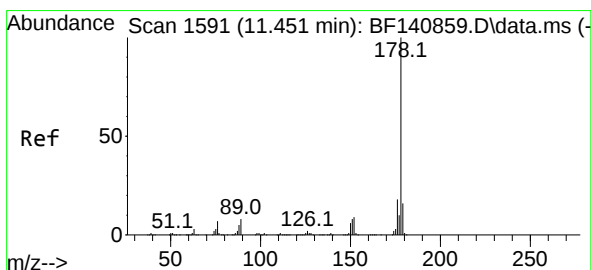
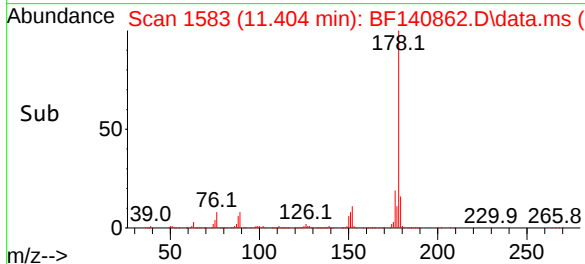
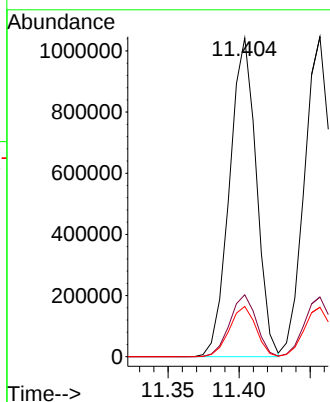
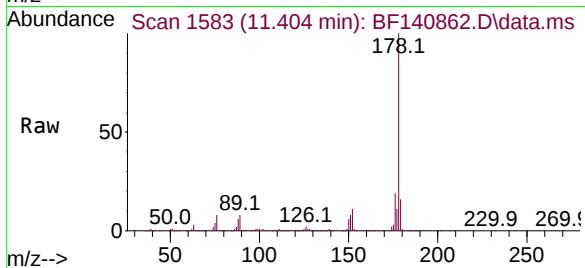
Tgt Ion:178 Resp: 1365579

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.8 12.1 18.1



#72

Anthracene

Concen: 73.769 ng

RT: 11.457 min Scan# 1592

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

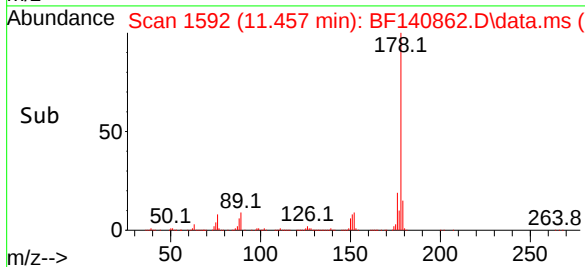
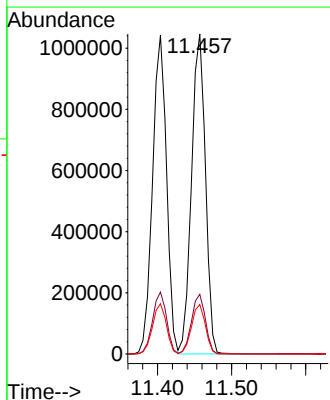
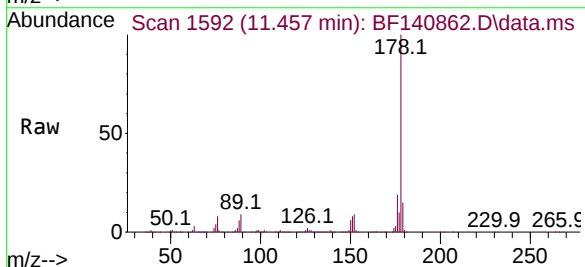
Tgt Ion:178 Resp: 1361788

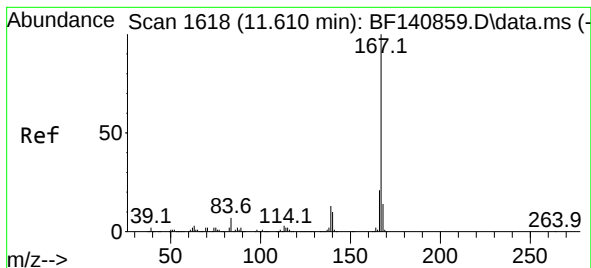
Ion Ratio Lower Upper

178 100

176 18.7 14.6 22.0

179 15.4 12.6 18.8





#73

Carbazole

Concen: 74.170 ng

RT: 11.616 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

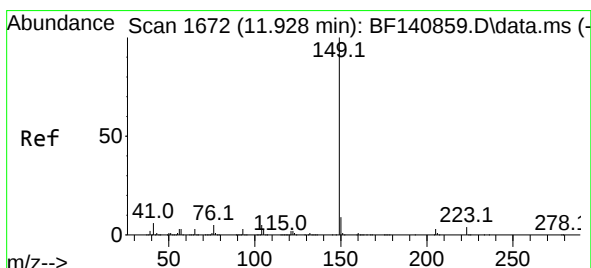
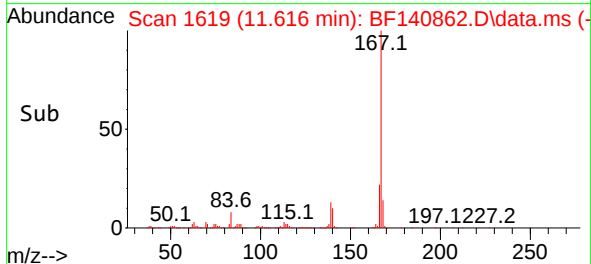
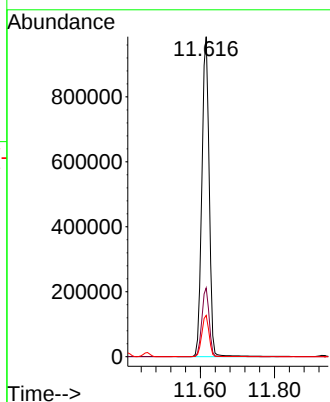
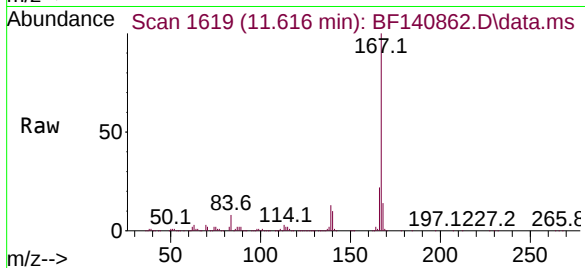
Tgt Ion:167 Resp: 1341097

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.6

139 12.9 10.2 15.2



#74

Di-n-butylphthalate

Concen: 66.492 ng

RT: 11.927 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

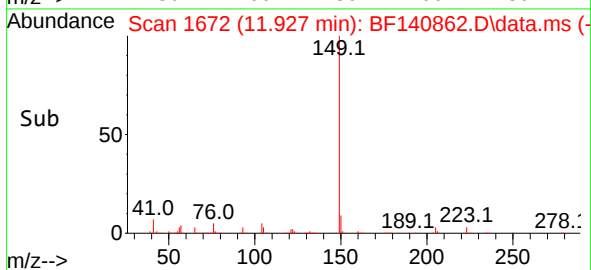
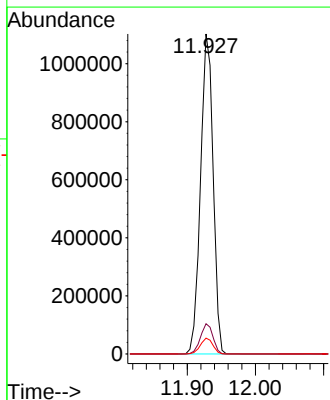
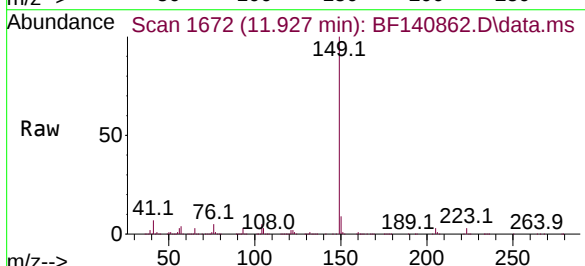
Tgt Ion:149 Resp: 1410986

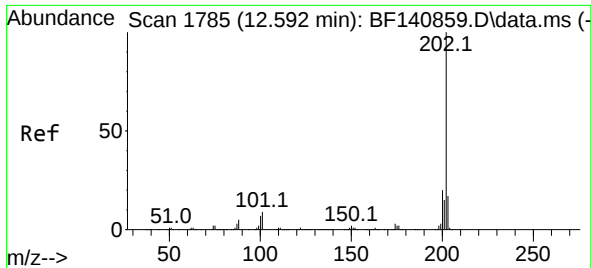
Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

104 5.0 3.8 5.8

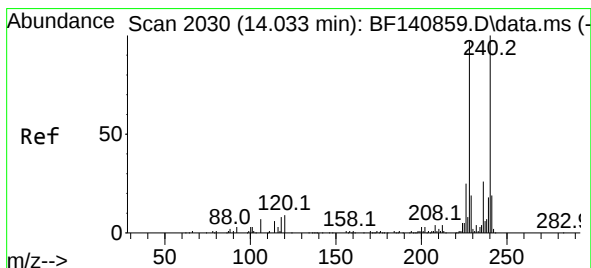
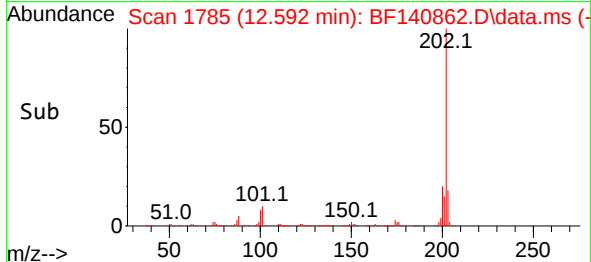
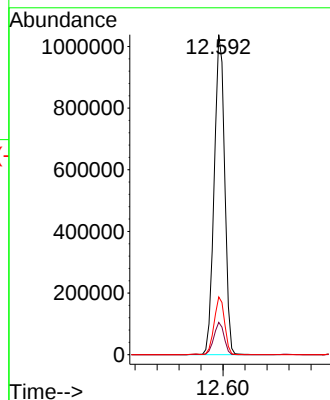
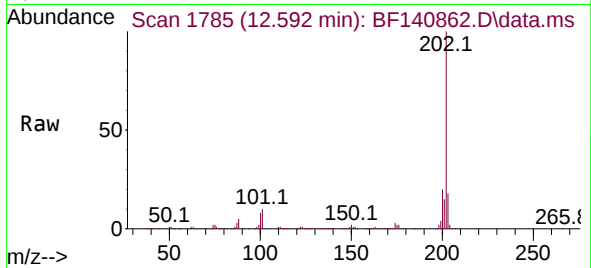




#75
Fluoranthene
Concen: 63.687 ng
RT: 12.592 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

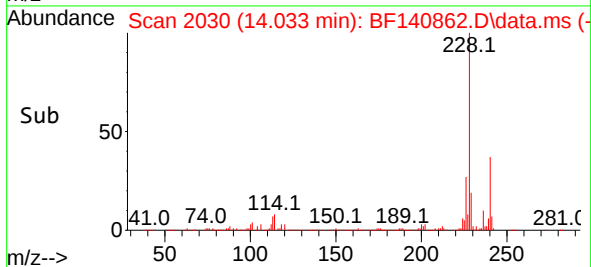
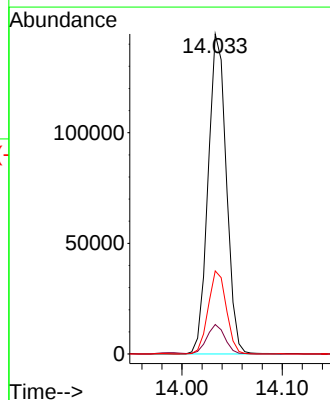
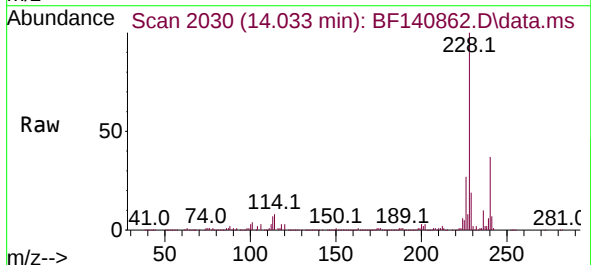
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

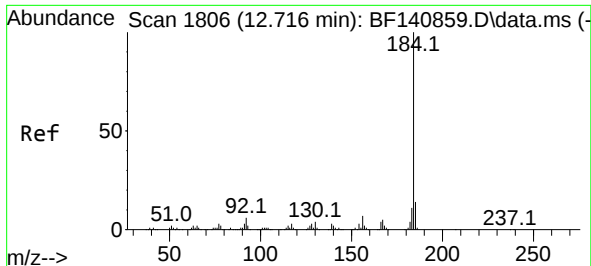
Tgt Ion:202 Resp: 1374862
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.3
203 18.1 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:240 Resp: 182739
Ion Ratio Lower Upper
240 100
120 9.2 7.6 11.4
236 26.0 20.5 30.7

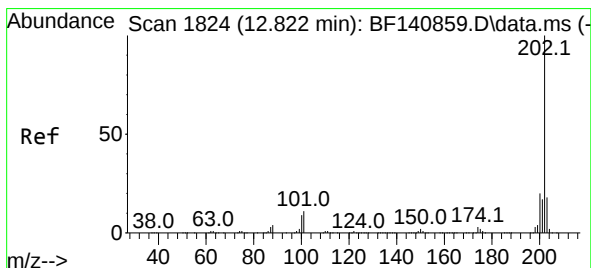
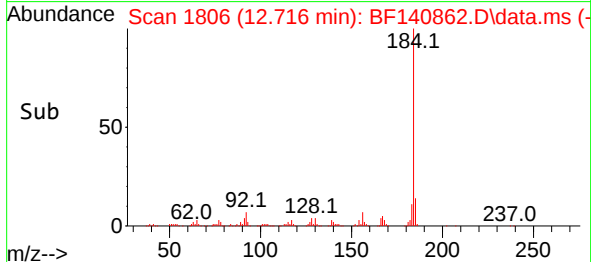
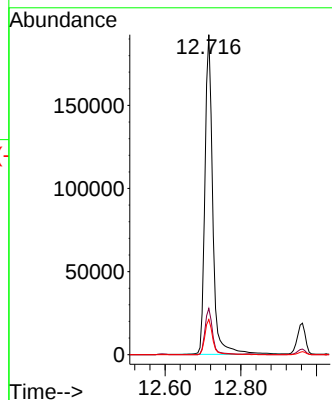
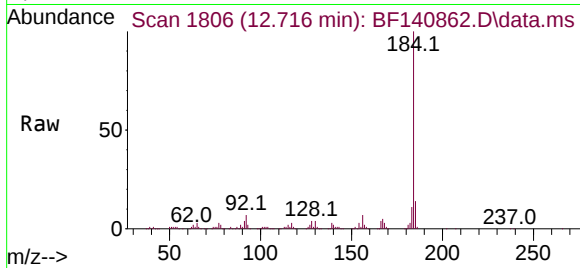




#77
Benzidine
Concen: 74.064 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

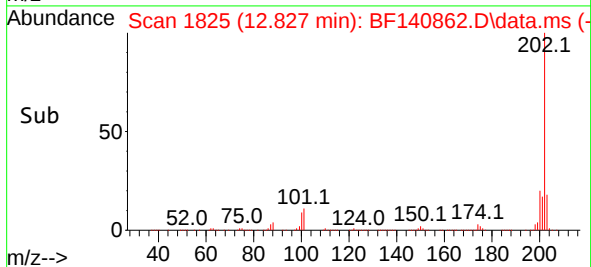
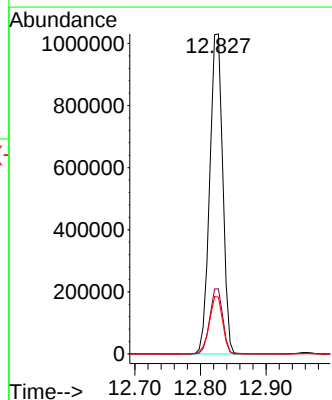
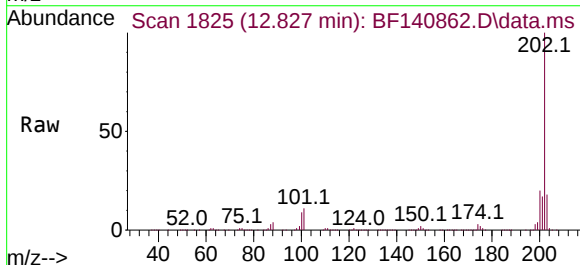
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

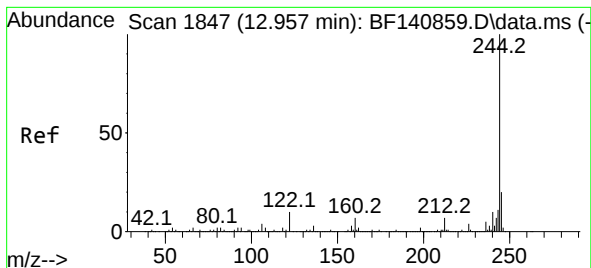
Tgt Ion:184 Resp: 276230
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 11.0 9.0 13.4



#78
Pyrene
Concen: 87.621 ng
RT: 12.827 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:202 Resp: 1423860
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 174.221 ng

RT: 12.963 min Scan# 1848

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

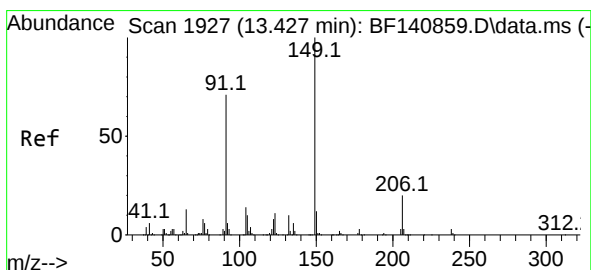
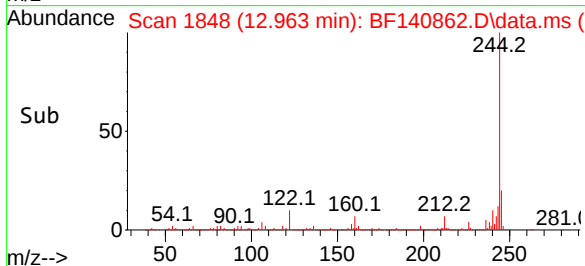
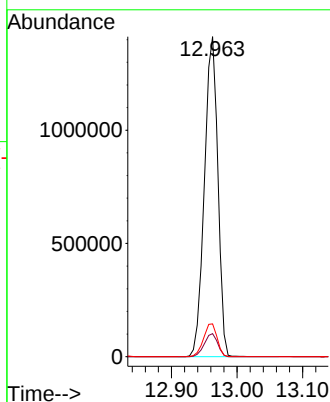
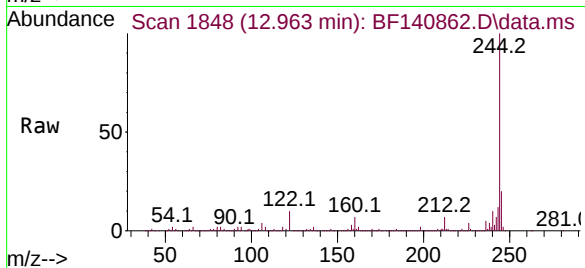
Tgt Ion:244 Resp: 2018997

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 10.2 8.2 12.2



#80

Butylbenzylphthalate

Concen: 85.043 ng

RT: 13.427 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

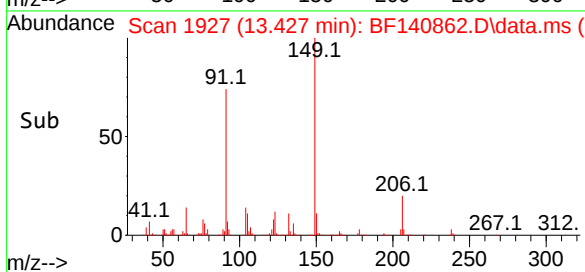
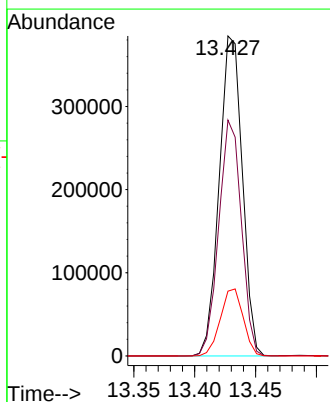
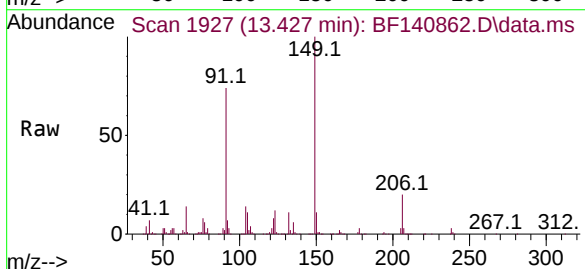
Tgt Ion:149 Resp: 508497

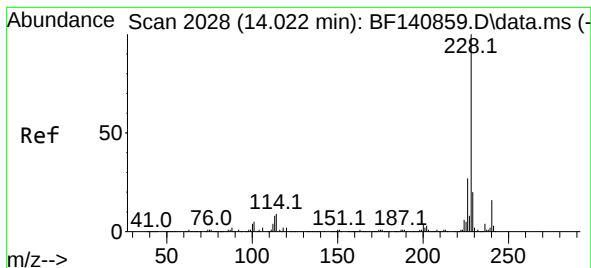
Ion Ratio Lower Upper

149 100

91 73.7 56.7 85.1

206 20.3 16.4 24.6





#81

Benzo(a)anthracene

Concen: 77.292 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

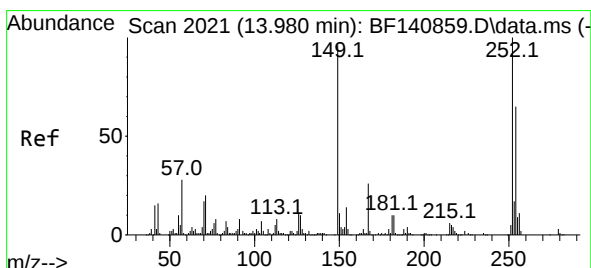
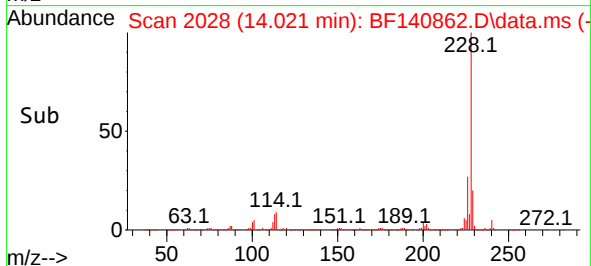
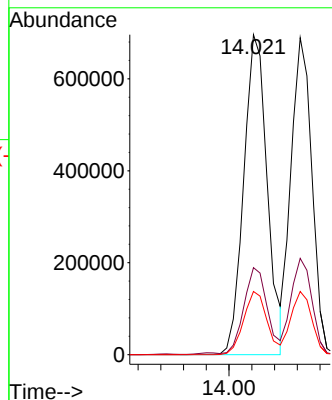
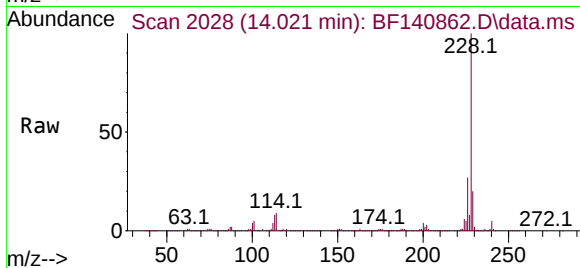
Tgt Ion:228 Resp: 1001035

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 74.661 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

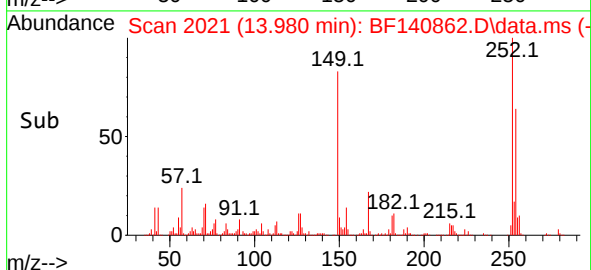
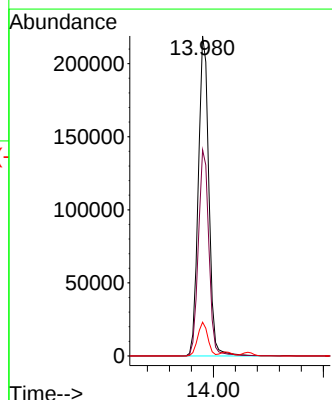
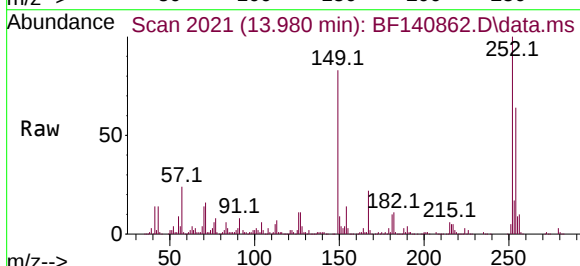
Tgt Ion:252 Resp: 291736

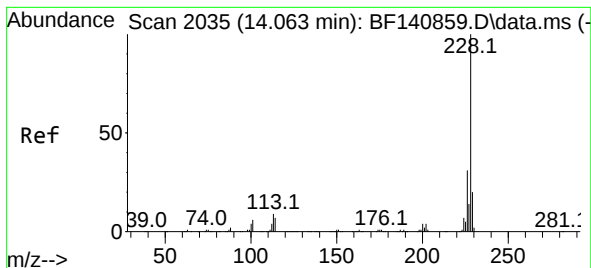
Ion Ratio Lower Upper

252 100

254 64.4 52.3 78.5

126 10.6 8.4 12.6





#83

Chrysene

Concen: 74.840 ng

RT: 14.063 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

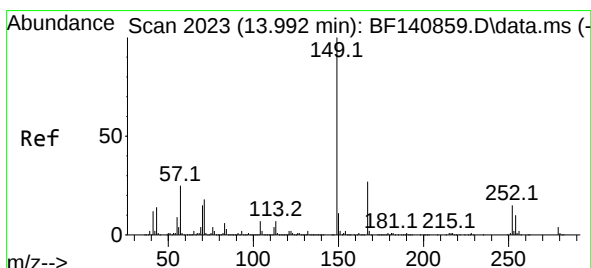
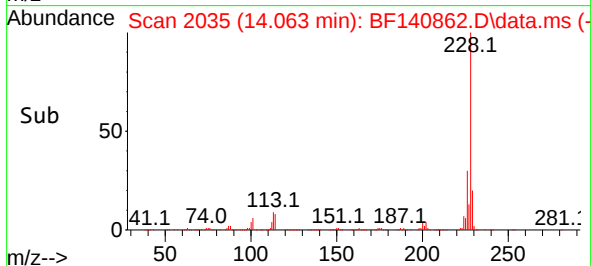
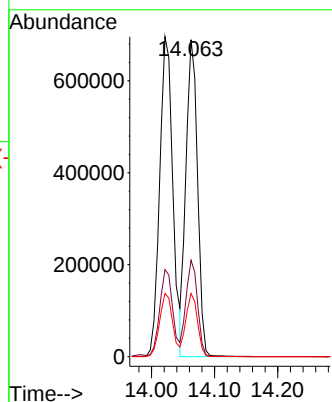
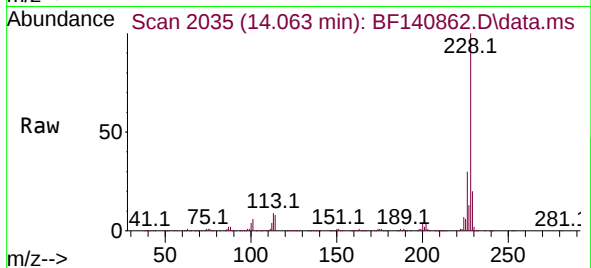
Tgt Ion:228 Resp: 881398

Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 81.032 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

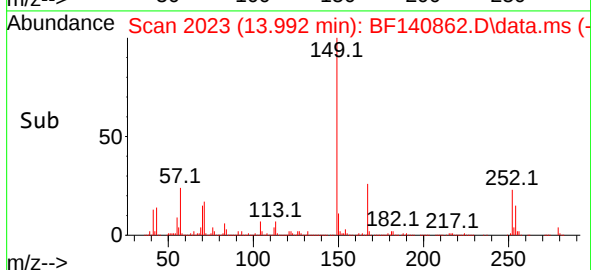
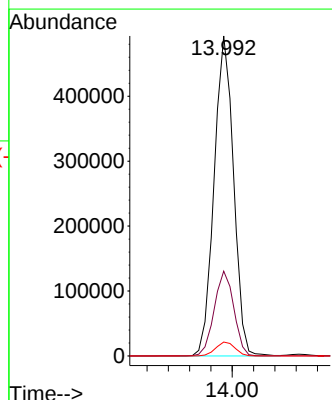
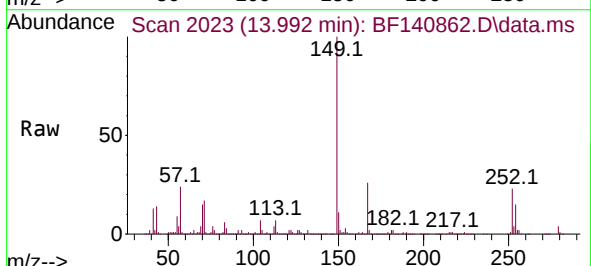
Tgt Ion:149 Resp: 624744

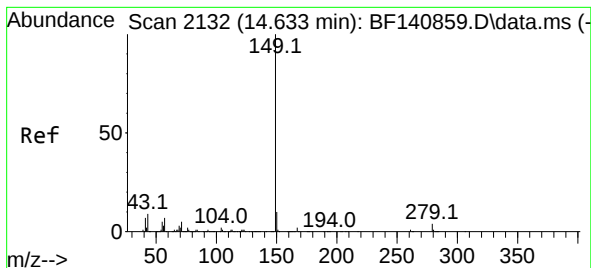
Ion Ratio Lower Upper

149 100

167 26.5 21.8 32.8

279 4.3 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 79.125 ng

RT: 14.633 min Scan# 2132

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

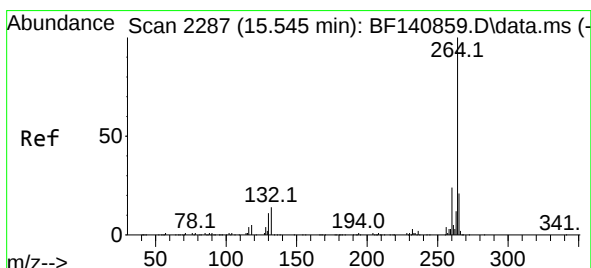
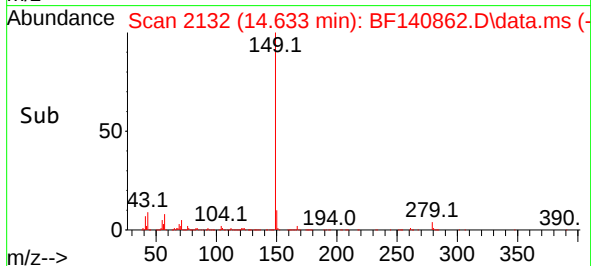
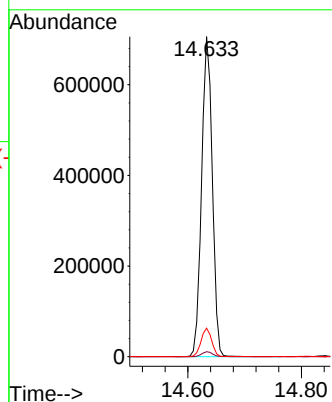
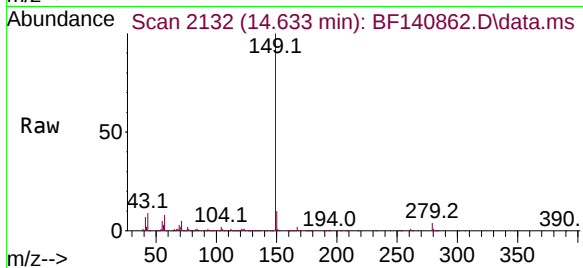
Tgt Ion:149 Resp: 922920

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.0 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. -0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

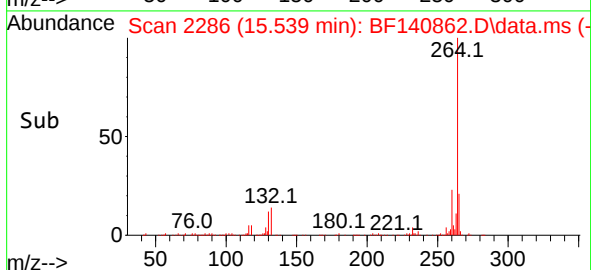
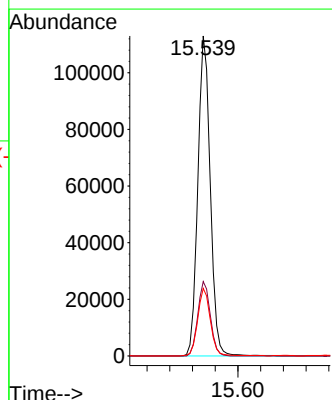
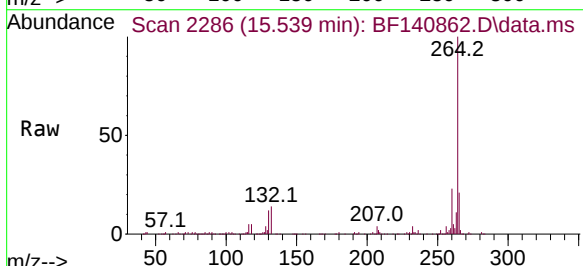
Tgt Ion:264 Resp: 171569

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 89.400 ng

RT: 17.057 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

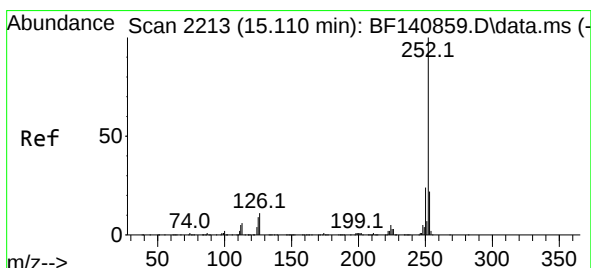
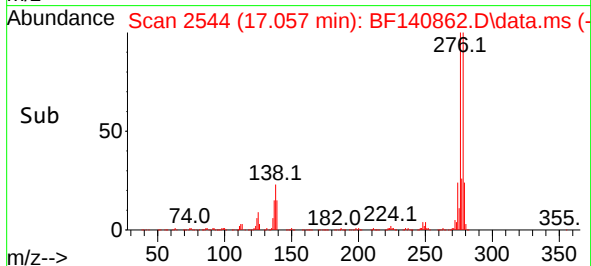
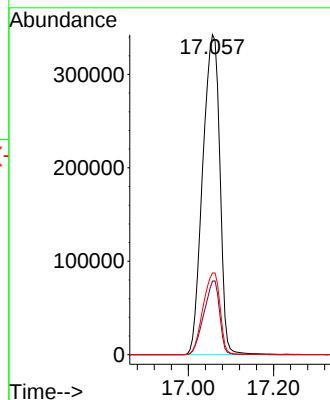
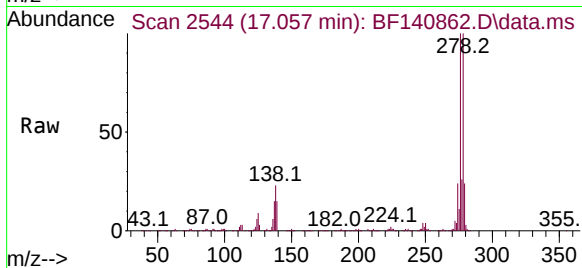
Tgt Ion:276 Resp: 957167

Ion Ratio Lower Upper

276 100

138 21.2 16.9 25.3

277 25.2 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 77.753 ng

RT: 15.110 min Scan# 2213

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

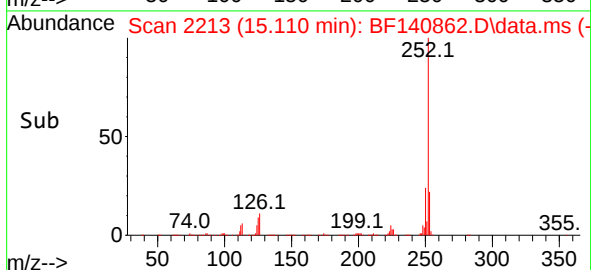
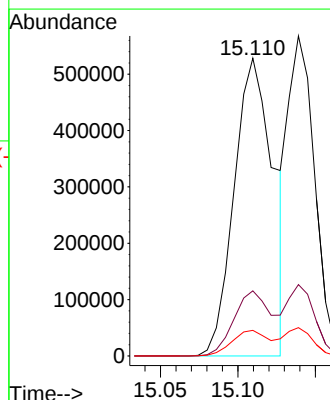
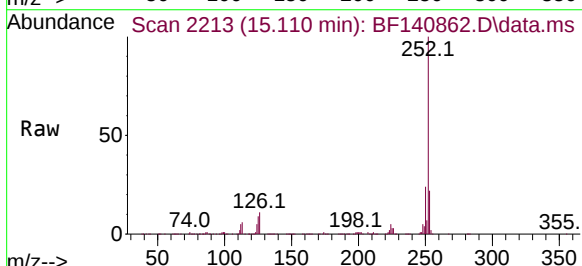
Tgt Ion:252 Resp: 925999

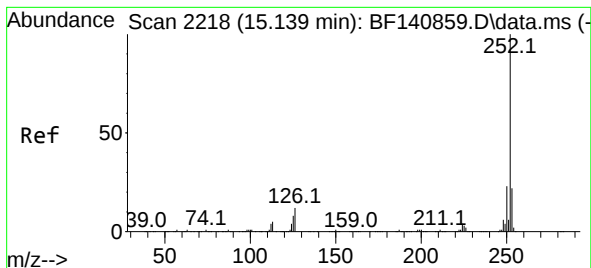
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 8.6 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 66.881 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

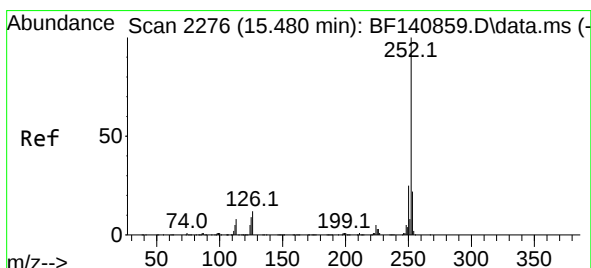
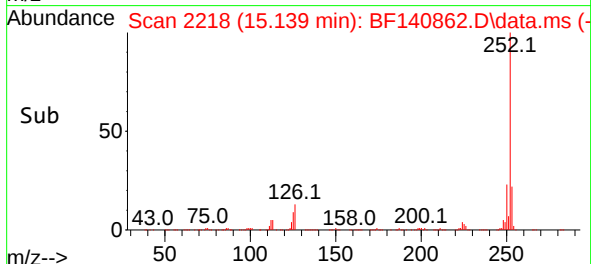
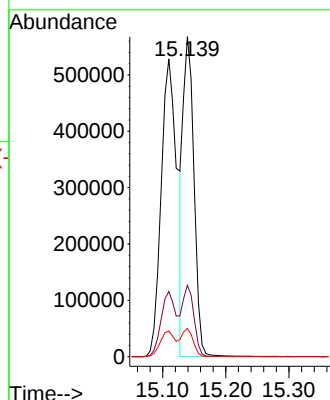
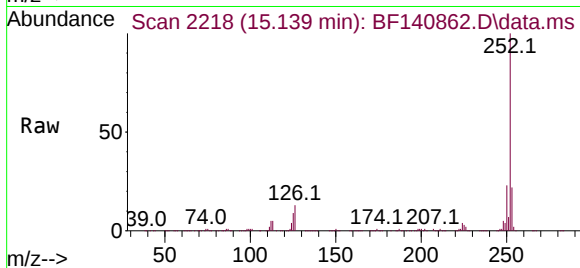
Tgt Ion:252 Resp: 683254

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 8.9 6.8 10.2



#90

Benzo(a)pyrene

Concen: 76.662 ng

RT: 15.480 min Scan# 2276

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

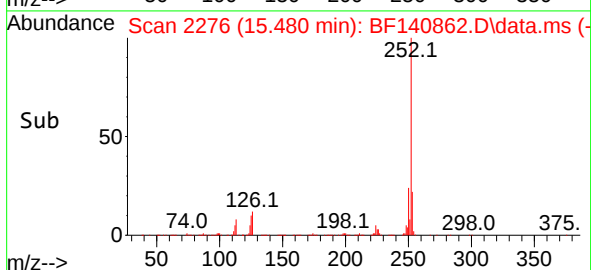
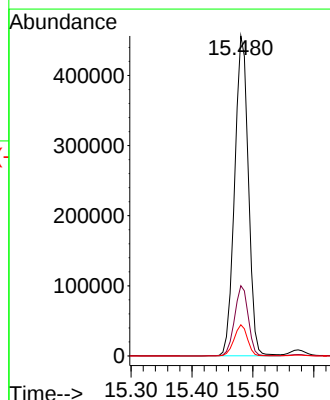
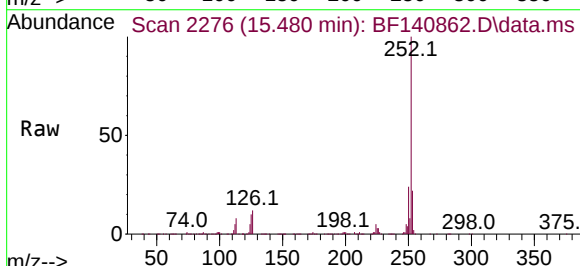
Tgt Ion:252 Resp: 714906

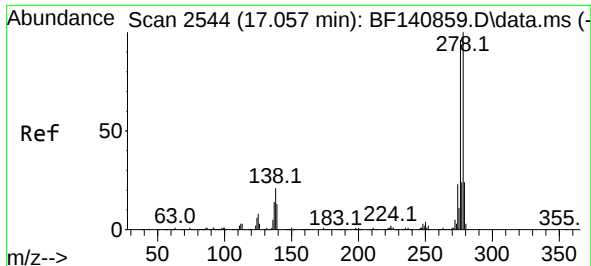
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.8 7.5 11.3

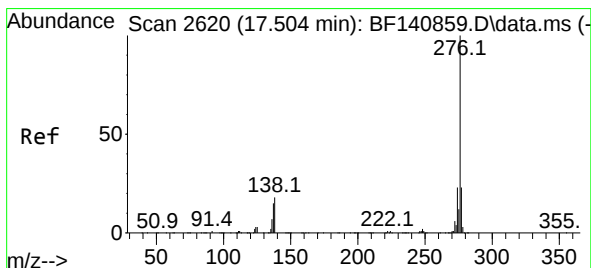
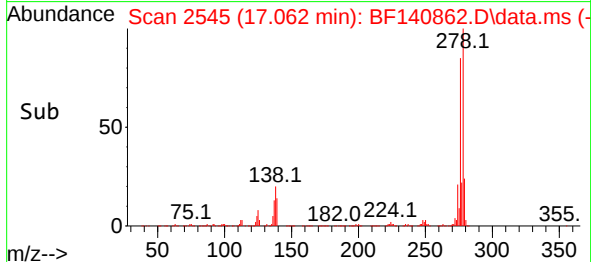
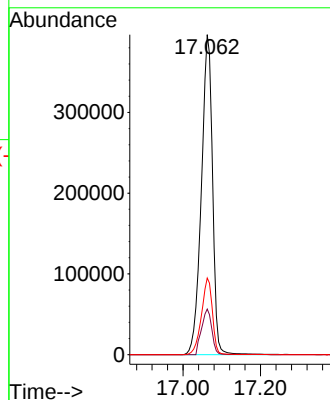
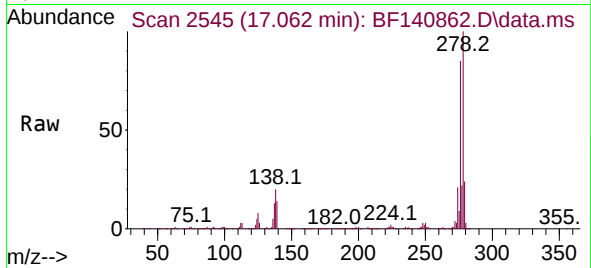




#91
Dibenzo(a,h)anthracene
Concen: 89.311 ng
RT: 17.062 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 792175
Ion Ratio Lower Upper
278 100
139 14.3 10.6 16.0
279 24.0 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 93.101 ng
RT: 17.509 min Scan# 2621
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:276 Resp: 840468
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 18.2 14.2 21.2

