

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140930.D
 Acq On : 19 Dec 2024 16:57
 Operator : RC/JU
 Sample : P5343-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ210MS

Quant Time: Dec 20 00:08:07 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 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	57459	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	198277	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	126175	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	196663	20.000	ng	0.00
76) Chrysene-d12	14.027	240	132383	20.000	ng	0.00
86) Perylene-d12	15.515	264	144485	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	393623	112.772	ng	0.01
7) Phenol-d6	6.504	99	513300	111.029	ng	0.00
23) Nitrobenzene-d5	7.416	82	280416	70.757	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	137827	92.359	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	579778	63.175	ng	0.00
79) Terphenyl-d14	12.957	244	435503	51.875	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	66682	44.353	ng	99
3) Pyridine	3.452	79	161510	46.387	ng	98
4) n-Nitrosodimethylamine	3.405	42	84012	47.864	ng	93
6) Aniline	6.516	93	123854	31.333	ng	# 53
8) 2-Chlorophenol	6.645	128	214405	56.329	ng	100
9) Benzaldehyde	6.410	77	41981	16.389	ng	99
10) Phenol	6.516	94	260104	54.284	ng	91
11) bis(2-Chloroethyl)ether	6.581	93	197927	55.390	ng	98
12) 1,3-Dichlorobenzene	6.787	146	207580	47.860	ng	98
13) 1,4-Dichlorobenzene	6.863	146	217578	49.420	ng	99
14) 1,2-Dichlorobenzene	7.016	146	225369	54.255	ng	99
15) Benzyl Alcohol	6.998	79	187924	56.851	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	242755	57.669	ng	92
17) 2-Methylphenol	7.122	107	166960	54.941	ng	99
18) Hexachloroethane	7.351	117	72315	44.122	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	127288	45.900	ng	98
20) 3+4-Methylphenols	7.275	107	187430	46.513	ng	# 77
22) Acetophenone	7.263	105	254995	51.411	ng	94
24) Nitrobenzene	7.434	77	188446	46.415	ng	97
25) Isophorone	7.675	82	340081	51.214	ng	99
26) 2-Nitrophenol	7.751	139	96058	51.370	ng	97
27) 2,4-Dimethylphenol	7.792	122	135534	62.064	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	208104	50.177	ng	99
29) 2,4-Dichlorophenol	8.004	162	152297	50.514	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	165478	47.879	ng	100
31) Naphthalene	8.151	128	541816	49.746	ng	100
32) Benzoic acid	7.940	122	81780	39.486	ng	98
33) 4-Chloroaniline	8.210	127	39176	10.830	ng	98
34) Hexachlorobutadiene	8.263	225	109640	47.150	ng	99
35) Caprolactam	8.587	113	38421	42.806	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	169524	49.958	ng	99
37) 2-Methylnaphthalene	8.839	142	369886	51.339	ng	98
38) 1-Methylnaphthalene	8.939	142	345554	48.496	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	186010	47.963	ng	99
41) Hexachlorocyclopentadiene	8.986	237	61917	56.116	ng	99
43) 2,4,6-Trichlorophenol	9.134	196	111393	46.908	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140930.D
 Acq On : 19 Dec 2024 16:57
 Operator : RC/JU
 Sample : P5343-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ210MS

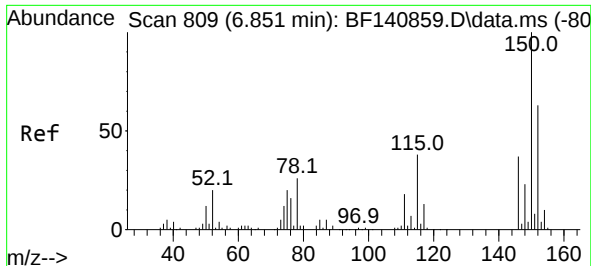
Quant Time: Dec 20 00:08:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	117619	45.063	ng	99
46) 1,1'-Biphenyl	9.304	154	496958	49.531	ng	99
47) 2-Chloronaphthalene	9.334	162	369025	48.078	ng	100
48) 2-Nitroaniline	9.439	65	111577	48.133	ng	94
49) Acenaphthylene	9.745	152	623286	55.257	ng	100
50) Dimethylphthalate	9.604	163	453952	51.031	ng	100
51) 2,6-Dinitrotoluene	9.681	165	96656	47.529	ng	91
52) Acenaphthene	9.922	154	374983	52.043	ng	99
53) 3-Nitroaniline	9.851	138	57406	28.445	ng	99
54) 2,4-Dinitrophenol	9.975	184	87054	87.102	ng	92
55) Dibenzofuran	10.092	168	555872	49.787	ng	99
56) 4-Nitrophenol	10.045	139	67127	62.844	ng	98
57) 2,4-Dinitrotoluene	10.092	165	125343	46.845	ng	99
58) Fluorene	10.433	166	419175	45.508	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	104349	49.063	ng	94
60) Diethylphthalate	10.304	149	452096	49.011	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	204352	44.166	ng	96
62) 4-Nitroaniline	10.469	138	77153	36.584	ng	97
63) Azobenzene	10.586	77	453904	52.341	ng	94
65) 4,6-Dinitro-2-methylph...	10.504	198	63712	57.172	ng	98
66) n-Nitrosodiphenylamine	10.545	169	368650	60.969	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	124835	56.740	ng	96
68) Hexachlorobenzene	10.986	284	139471	55.912	ng	99
69) Atrazine	11.075	200	116300	68.869	ng	98
70) Pentachlorophenol	11.192	266	78439	86.008	ng	99
71) Phenanthrene	11.404	178	612442	60.558	ng	99
72) Anthracene	11.451	178	570641	57.296	ng	100
73) Carbazole	11.616	167	495169	50.759	ng	100
74) Di-n-butylphthalate	11.927	149	631982	55.200	ng	99
75) Fluoranthene	12.592	202	642701	55.181	ng	99
77) Benzidine	12.716	184	90511	33.499	ng	99
78) Pyrene	12.827	202	656451	55.763	ng	100
80) Butylbenzylphthalate	13.427	149	202348	46.714	ng	100
81) Benzo(a)anthracene	14.016	228	520165	55.440	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	78144	27.606	ng	98
83) Chrysene	14.051	228	496742	58.223	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	288483	51.650	ng	99
85) Di-n-octyl phthalate	14.604	149	508539	60.183	ng	98
87) Indeno(1,2,3-cd)pyrene	17.027	276	501995	55.676	ng	99
88) Benzo(b)fluoranthene	15.080	252	547868	54.626	ng	100
89) Benzo(k)fluoranthene	15.110	252	410745	47.743	ng	99
90) Benzo(a)pyrene	15.457	252	478493	60.928	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	393785	52.718	ng	99
92) Benzo(g,h,i)perylene	17.480	276	376247	49.491	ng	99

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

Quant Time: Dec 20 00:08:07 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 16:59:50 2024
Response via : Initial Calibration

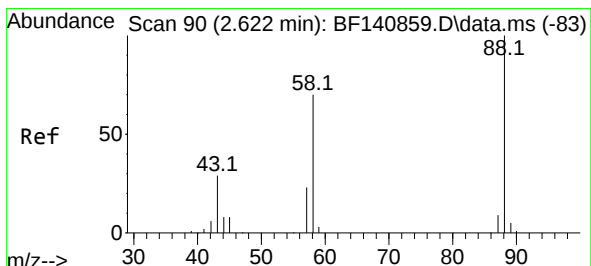
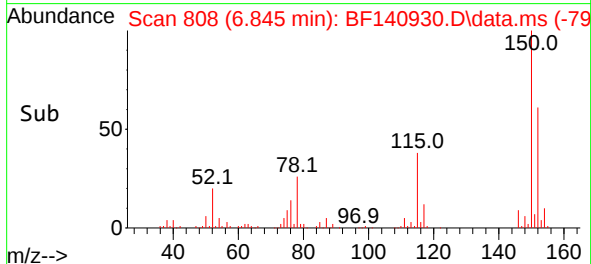
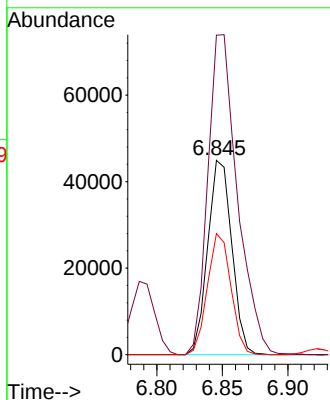
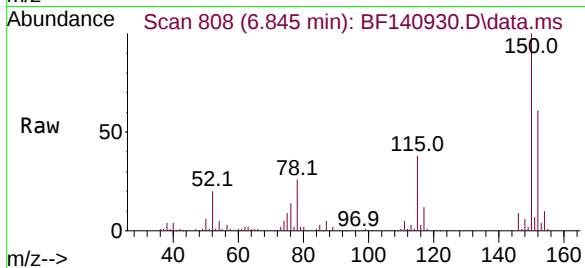




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF140930.D
 Acq: 19 Dec 2024 16:57

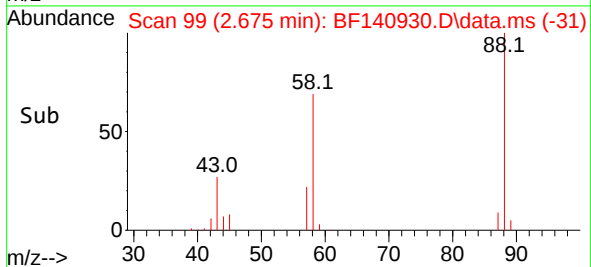
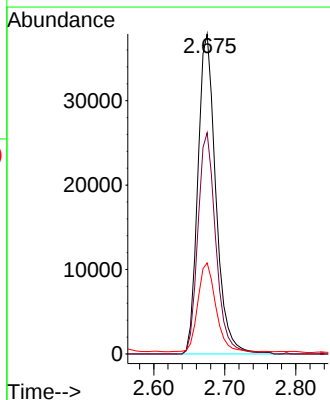
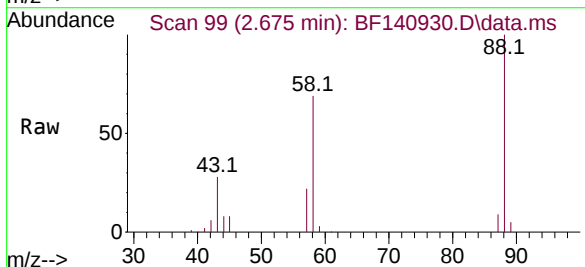
Instrument :
 BNA_F
 ClientSampleId :
 VNJ210MS

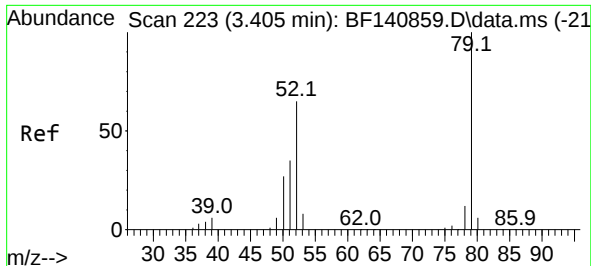
Tgt Ion:152 Resp: 57459
 Ion Ratio Lower Upper
 152 100
 150 164.4 127.9 191.9
 115 62.3 48.0 72.0



#2
 1,4-Dioxane
 Concen: 44.353 ng
 RT: 2.675 min Scan# 99
 Delta R.T. 0.053 min
 Lab File: BF140930.D
 Acq: 19 Dec 2024 16:57

Tgt Ion: 88 Resp: 66682
 Ion Ratio Lower Upper
 88 100
 58 69.0 55.8 83.8
 43 27.7 22.7 34.1





#3

Pyridine

Concen: 46.387 ng

RT: 3.452 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

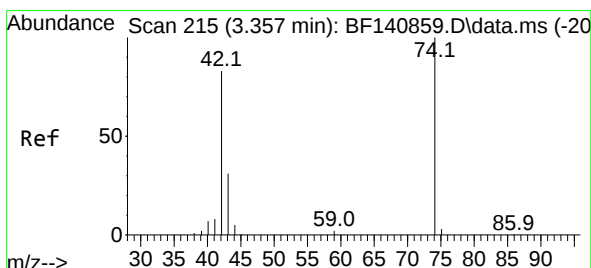
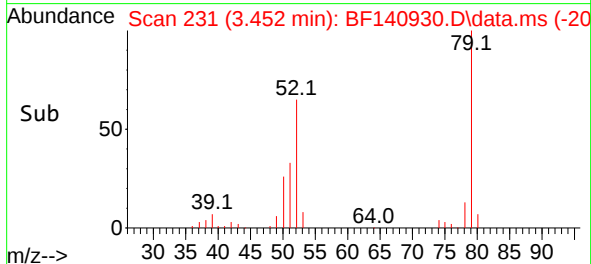
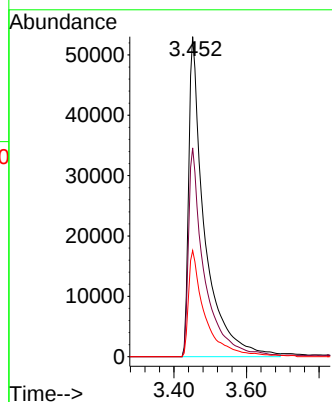
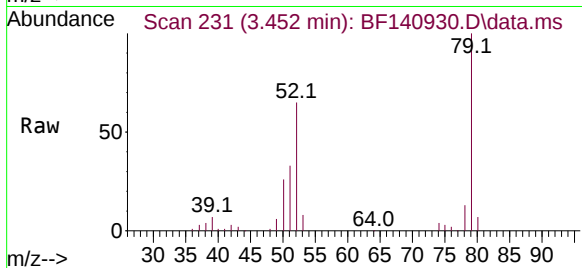
Tgt Ion: 79 Resp: 161510

Ion Ratio Lower Upper

79 100

52 65.3 51.7 77.5

51 33.1 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 47.864 ng

RT: 3.405 min Scan# 223

Delta R.T. 0.047 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

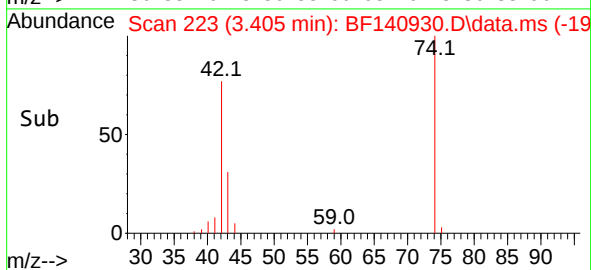
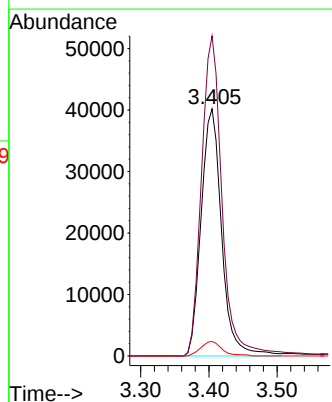
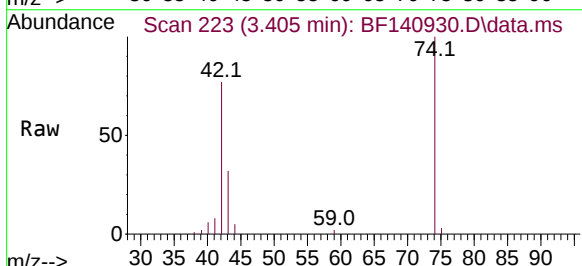
Tgt Ion: 42 Resp: 84012

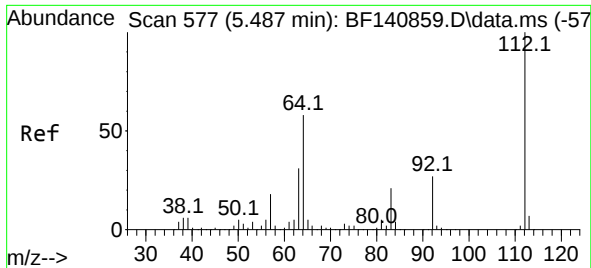
Ion Ratio Lower Upper

42 100

74 129.5 96.9 145.3

44 5.9 4.4 6.6

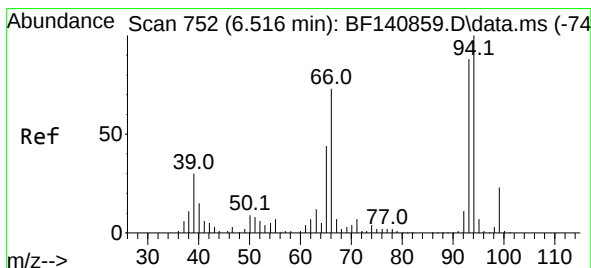
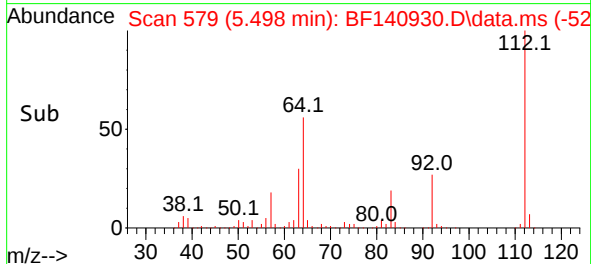
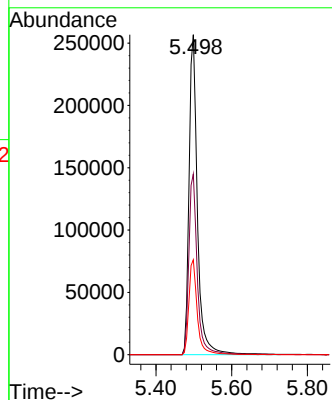
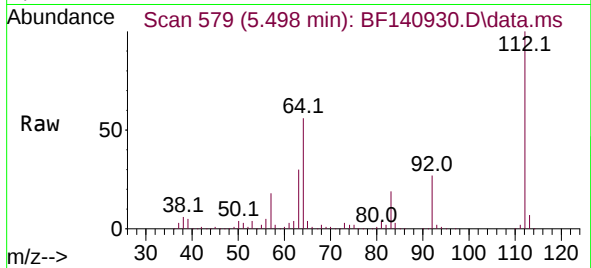




#5
2-Fluorophenol
Concen: 112.772 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

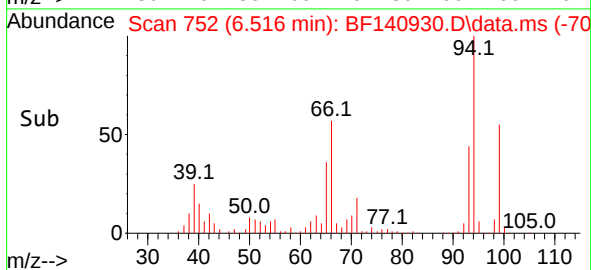
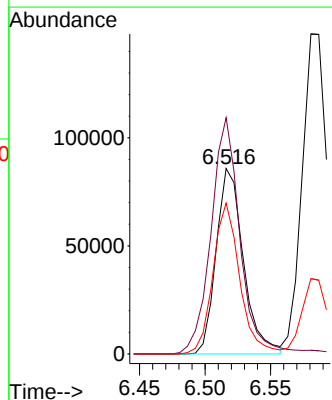
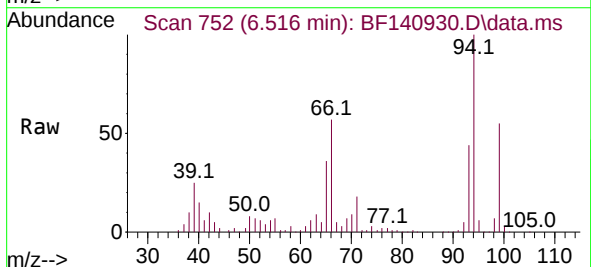
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

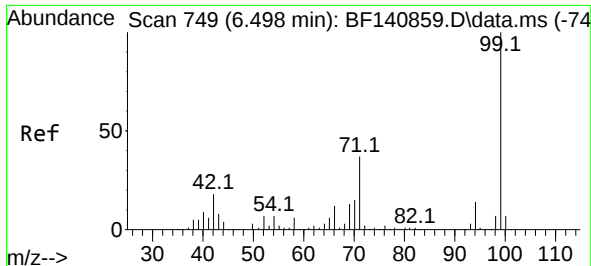
Tgt Ion:112 Resp: 393623
Ion Ratio Lower Upper
112 100
64 56.4 46.1 69.1
63 29.7 24.9 37.3



#6
Aniline
Concen: 31.333 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

Tgt Ion: 93 Resp: 123854
Ion Ratio Lower Upper
93 100
66 127.4 67.0 100.4#
65 81.4 40.4 60.6#

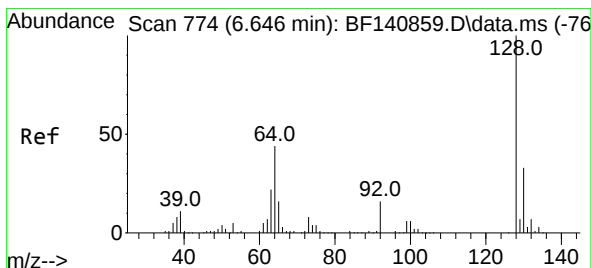
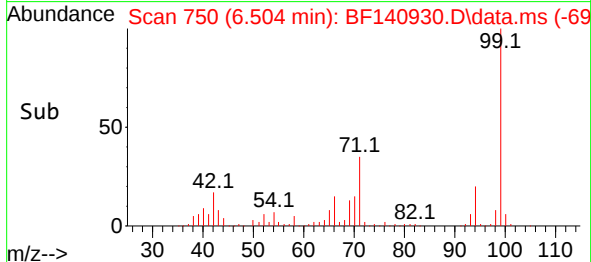
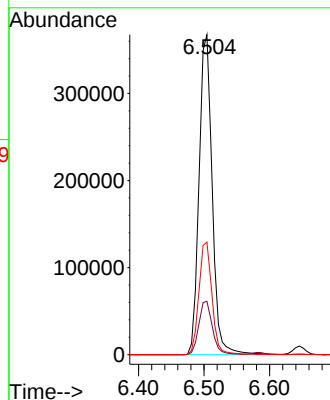
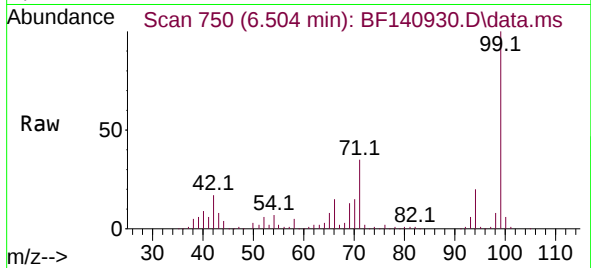




#7
Phenol-d6
Concen: 111.029 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

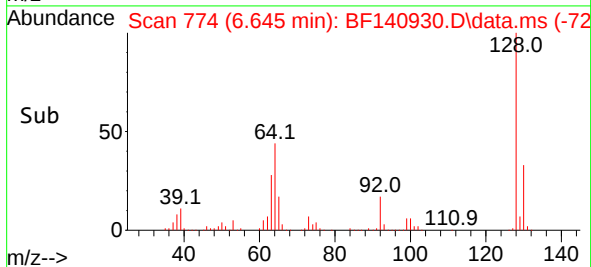
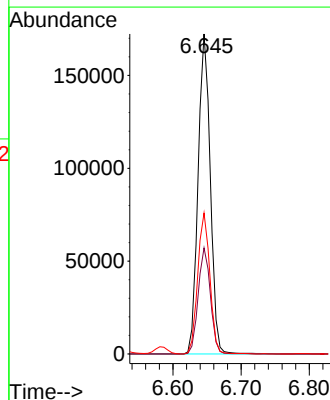
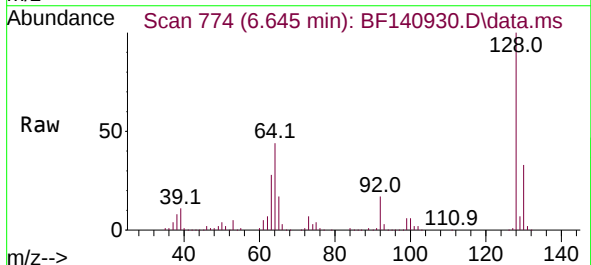
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

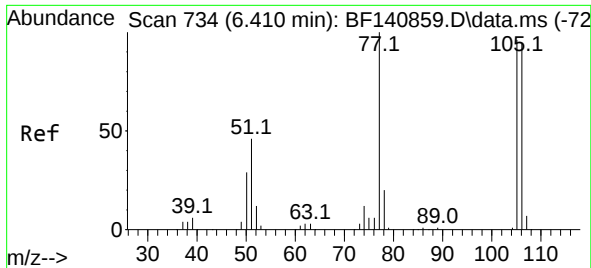
Tgt Ion: 99 Resp: 513300
Ion Ratio Lower Upper
99 100
42 16.7 14.3 21.5
71 35.2 29.9 44.9



#8
2-Chlorophenol
Concen: 56.329 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

Tgt Ion:128 Resp: 214405
Ion Ratio Lower Upper
128 100
130 33.2 12.9 52.9
64 44.0 24.3 64.3





#9

Benzaldehyde

Concen: 16.389 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

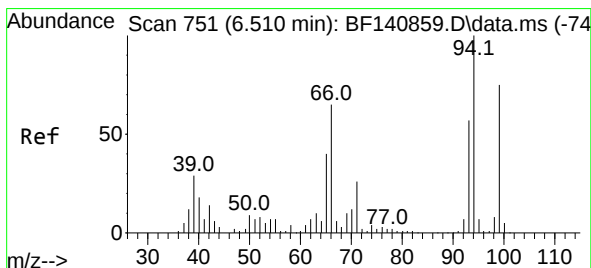
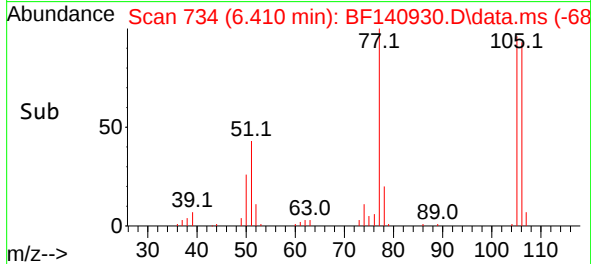
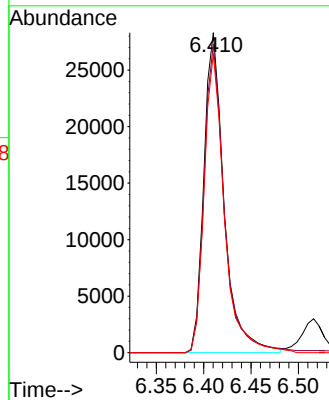
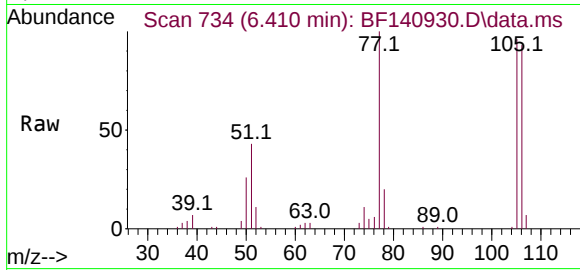
Tgt Ion: 77 Resp: 41981

Ion Ratio Lower Upper

77 100

105 96.4 75.8 115.8

106 93.4 74.1 114.1



#10

Phenol

Concen: 54.284 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

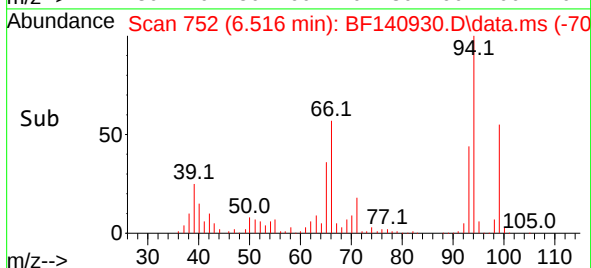
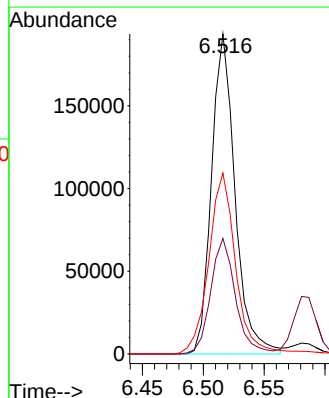
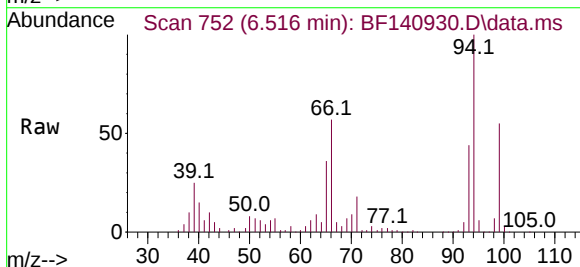
Tgt Ion: 94 Resp: 260104

Ion Ratio Lower Upper

94 100

65 36.1 19.9 59.9

66 56.5 45.6 85.6





#11

bis(2-Chloroethyl)ether

Concen: 55.390 ng

RT: 6.581 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

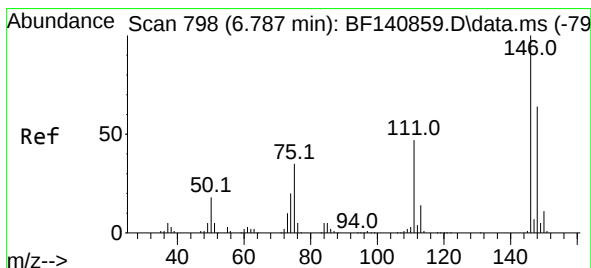
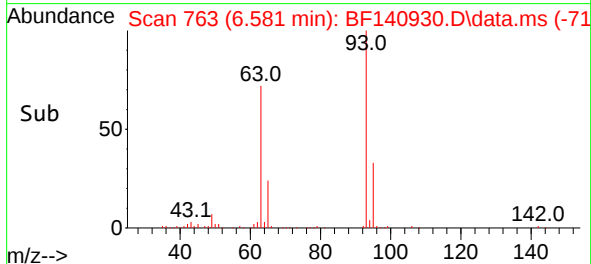
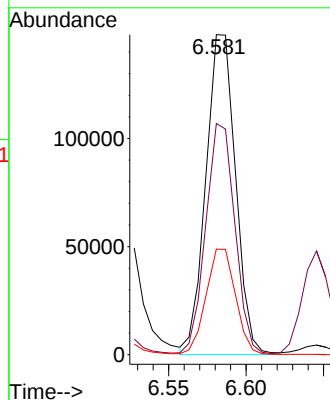
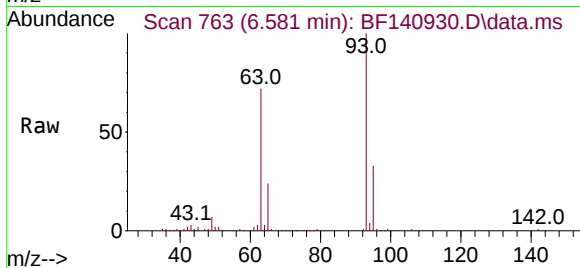
Tgt Ion: 93 Resp: 197927

Ion Ratio Lower Upper

93 100

63 72.2 51.0 91.0

95 33.0 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 47.860 ng

RT: 6.787 min Scan# 798

Delta R.T. -0.000 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

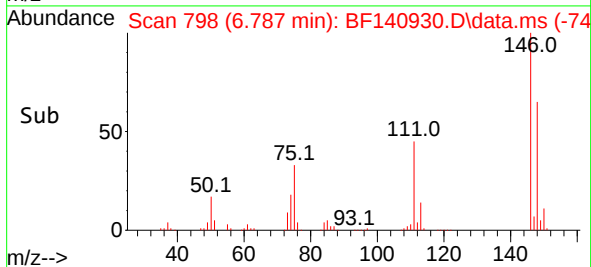
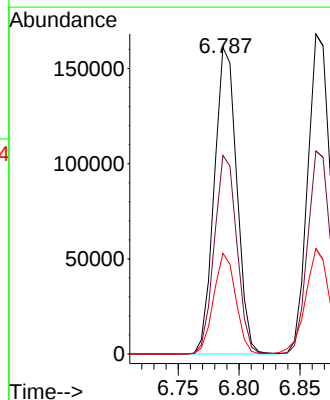
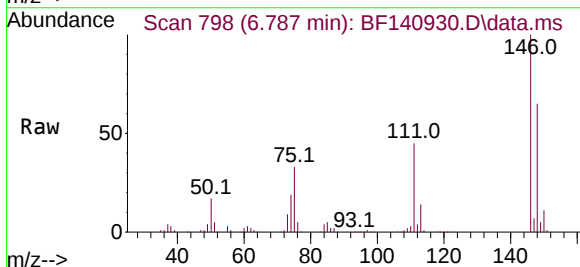
Tgt Ion:146 Resp: 207580

Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.6

75 32.8 28.1 42.1

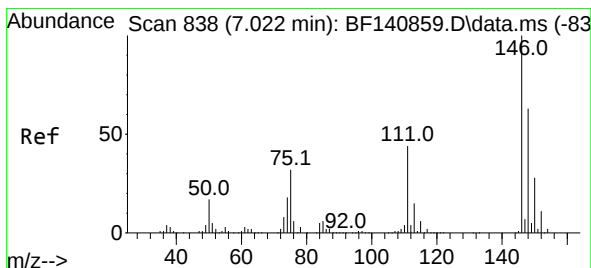
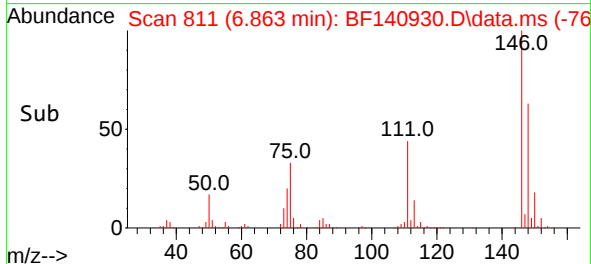
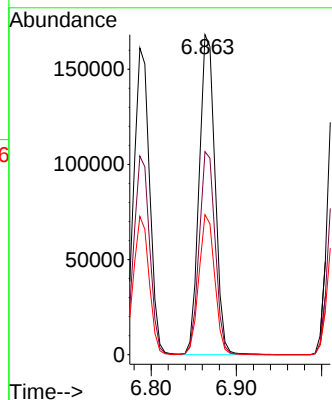
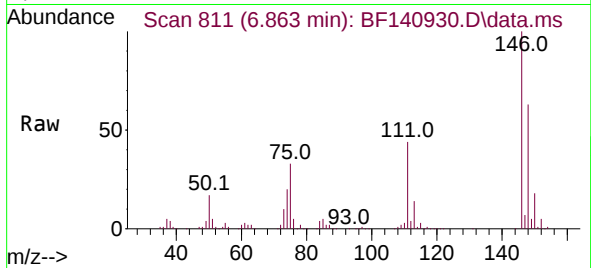




#13
1,4-Dichlorobenzene
Concen: 49.420 ng
RT: 6.863 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

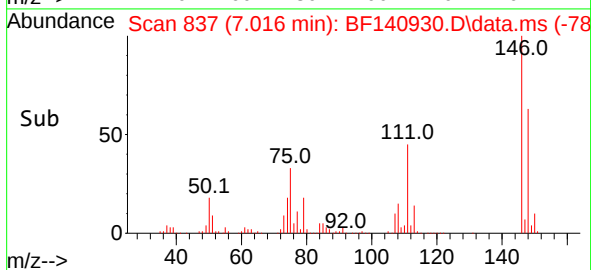
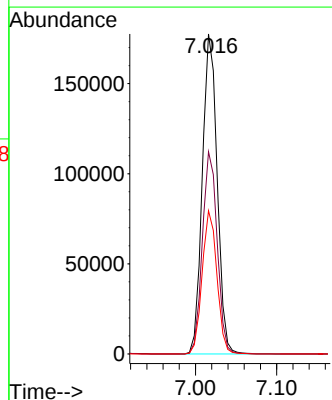
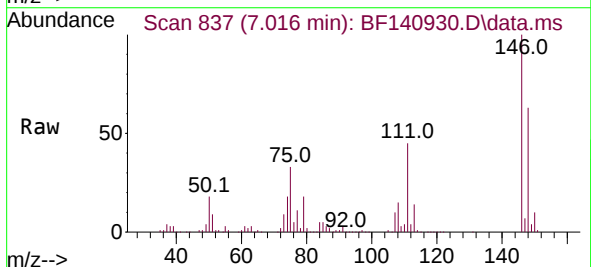
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

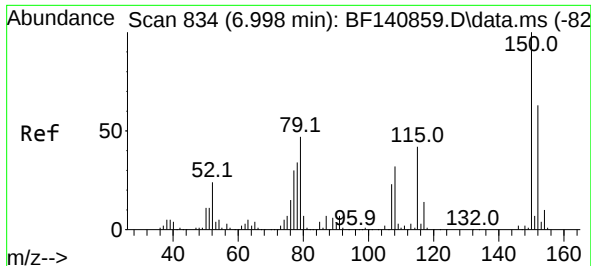
Tgt Ion:146 Resp: 217578
Ion Ratio Lower Upper
146 100
148 63.5 51.3 76.9
111 43.7 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 54.255 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

Tgt Ion:146 Resp: 225369
Ion Ratio Lower Upper
146 100
148 63.2 50.0 75.0
111 44.8 35.6 53.4

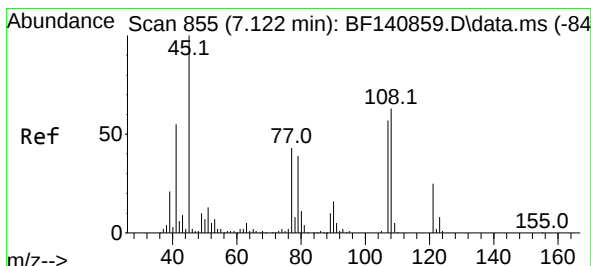
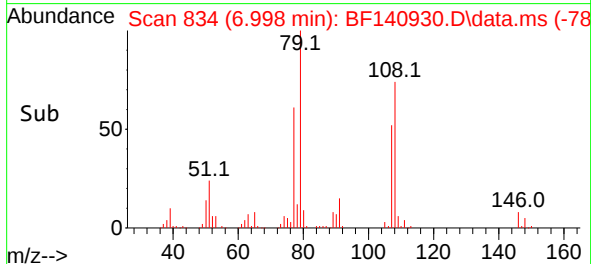
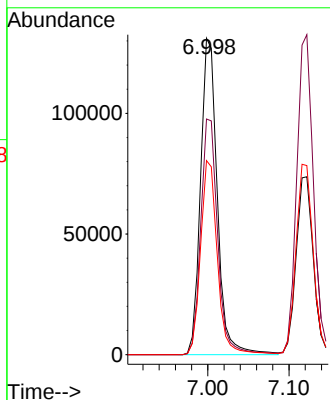
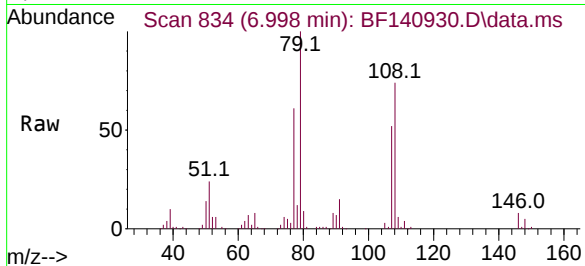




#15
Benzyl Alcohol
Concen: 56.851 ng
RT: 6.998 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

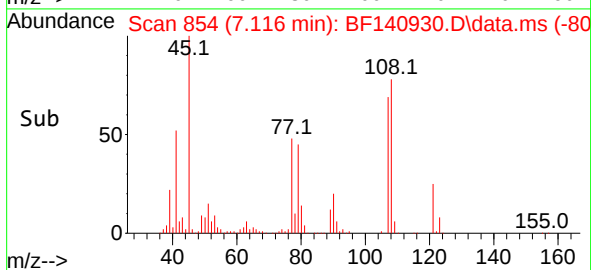
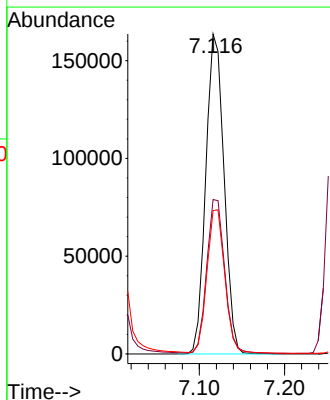
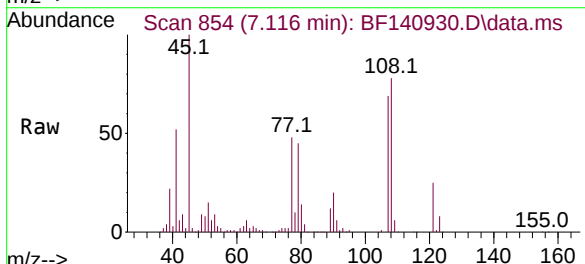
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

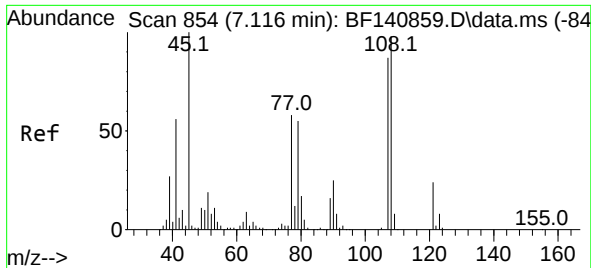
Tgt Ion: 79 Resp: 187924
Ion Ratio Lower Upper
79 100
108 74.5 55.1 82.7
77 61.3 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.669 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

Tgt Ion: 45 Resp: 242755
Ion Ratio Lower Upper
45 100
77 48.2 23.3 63.3
79 44.8 20.0 60.0

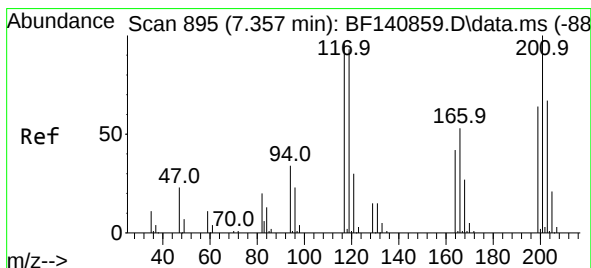
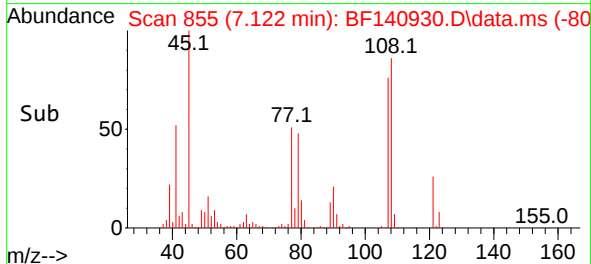
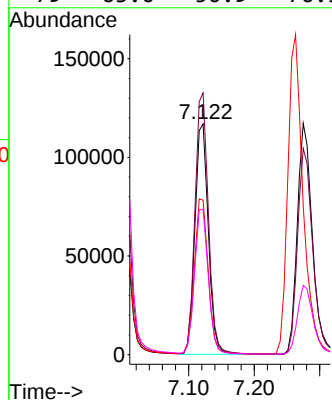
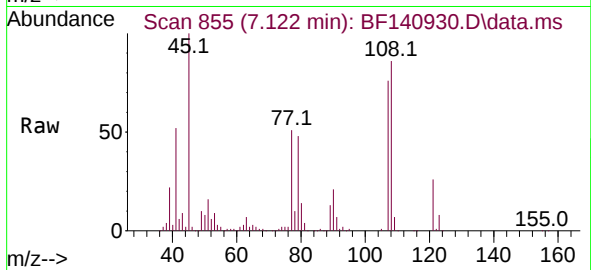




#17
2-Methylphenol
Concen: 54.941 ng
RT: 7.122 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

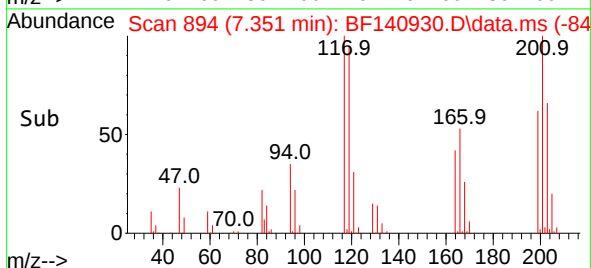
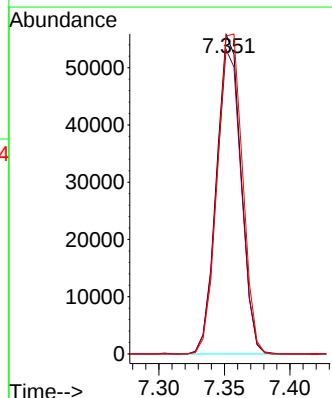
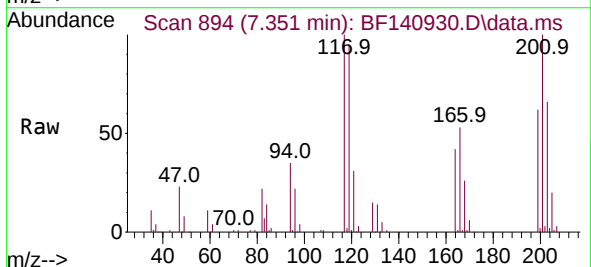
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

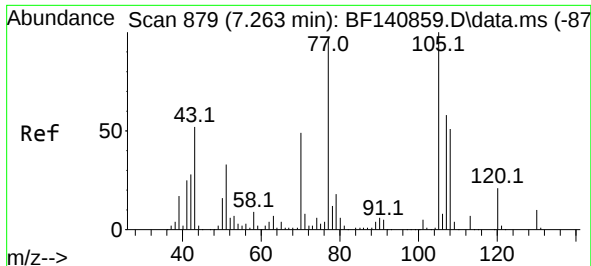
Tgt	Ion:107	Resp:	166960
Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.2	135.4
77	67.0	53.8	80.6
79	63.0	50.9	76.3



#18
Hexachloroethane
Concen: 44.122 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

Tgt Ion:117	Resp: 72315
Ion Ratio	Lower Upper
117 100	
119 95.3	77.4 116.0
201 99.5	83.4 125.0



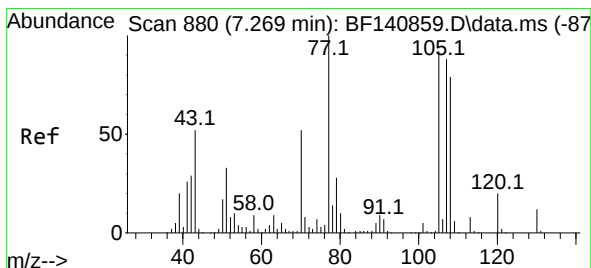
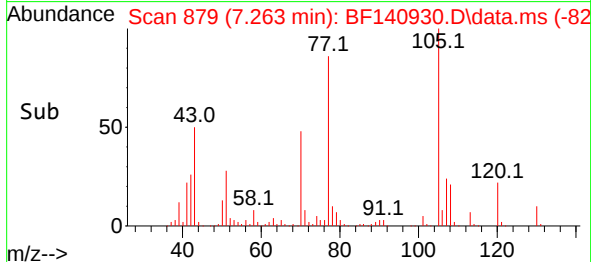
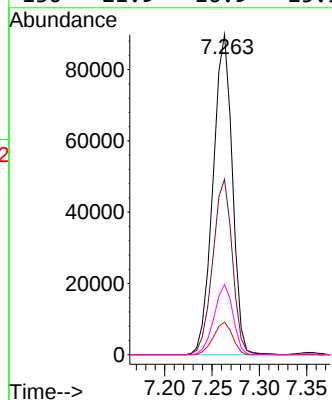
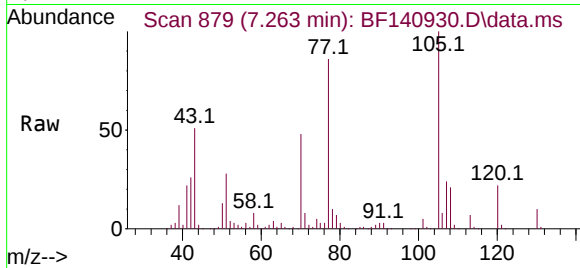


#19
n-Nitroso-di-n-propylamine
Concen: 45.900 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

Instrument :
BNA_F
ClientSampleId :
VNJ210MS

Tgt Ion: 70 Resp: 127288

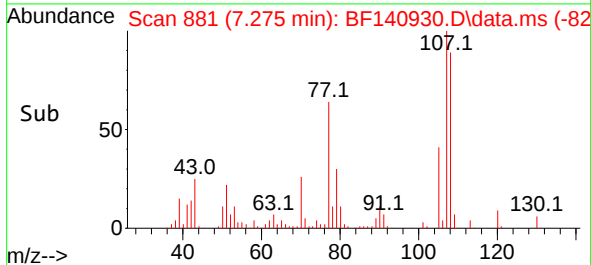
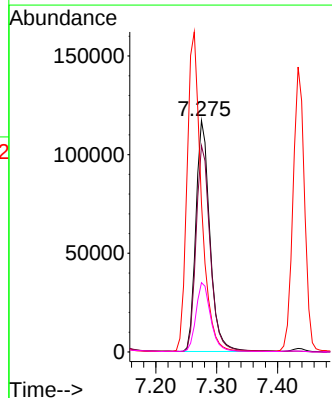
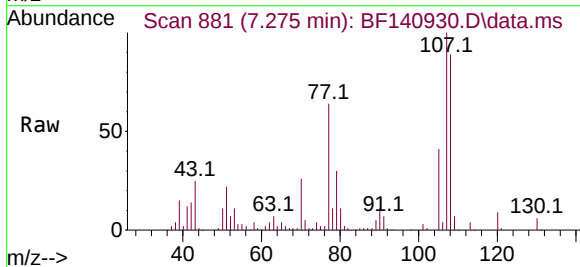
Ion	Ratio	Lower	Upper
70	100		
42	54.8	45.3	67.9
101	10.1	8.0	12.0
130	21.9	16.9	25.3

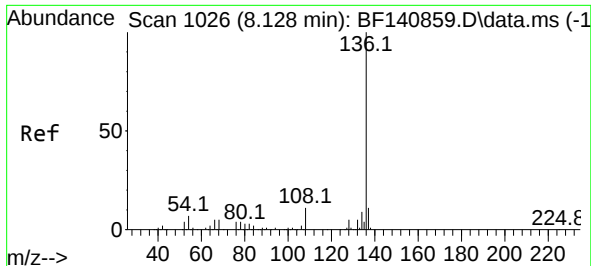


#20
3+4-Methylphenols
Concen: 46.513 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

Tgt Ion: 107 Resp: 187430

Ion	Ratio	Lower	Upper
107	100		
108	89.2	70.1	110.1
77	64.2	94.4	134.4#
79	30.0	12.2	52.2

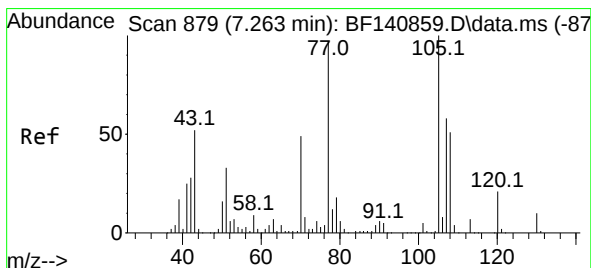
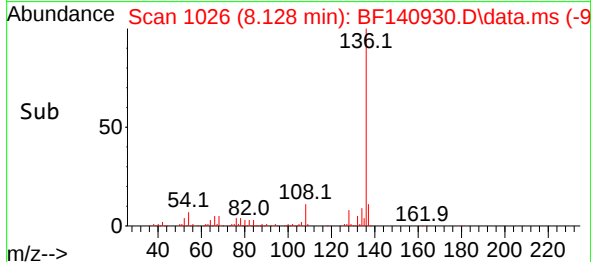
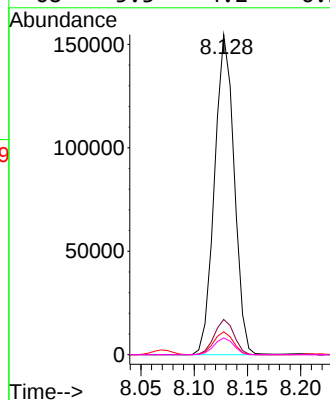
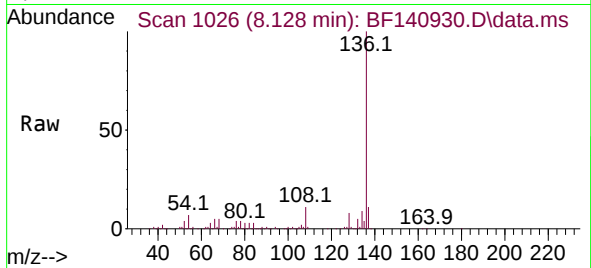




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

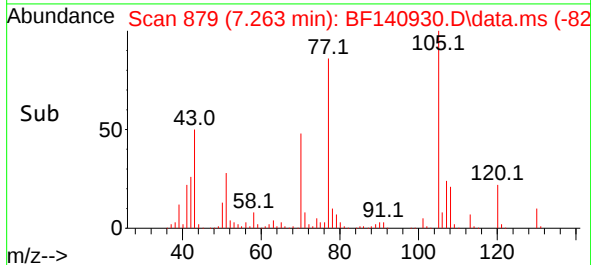
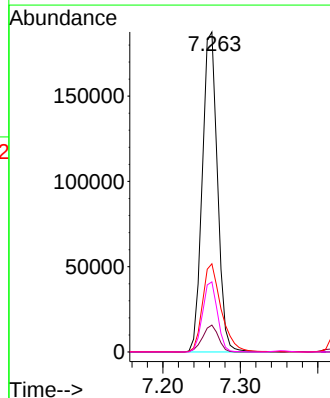
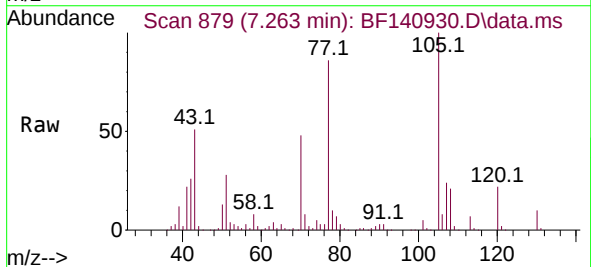
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

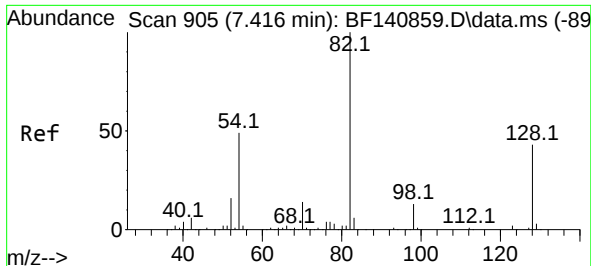
Tgt Ion:	136	Resp:	198277
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.1	5.6	8.4
68	5.3	4.2	6.2



#22
Acetophenone
Concen: 51.411 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

Tgt Ion:	105	Resp:	254995
Ion	Ratio	Lower	Upper
105	100		
71	8.4	6.2	9.4
51	27.6	26.3	39.5
120	21.9	17.1	25.7





#23

Nitrobenzene-d5

Concen: 70.757 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

Instrument :

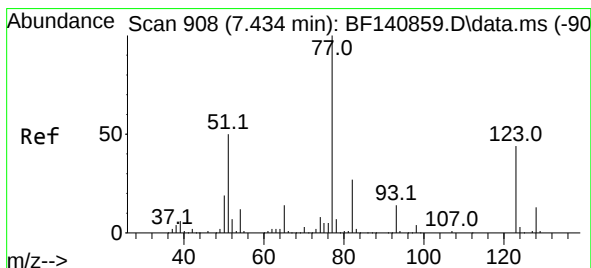
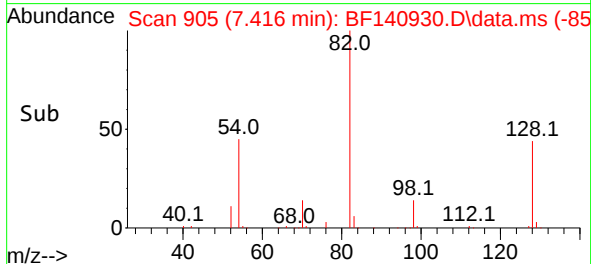
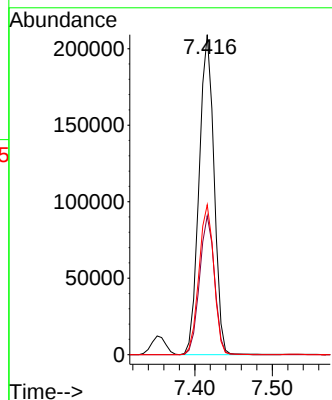
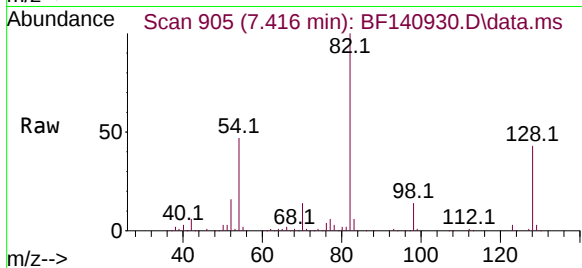
BNA_F

ClientSampleId :

VNJ210MS

Tgt Ion: 82 Resp: 280416

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.4	51.6
54	46.9	38.8	58.2



#24

Nitrobenzene

Concen: 46.415 ng

RT: 7.434 min Scan# 908

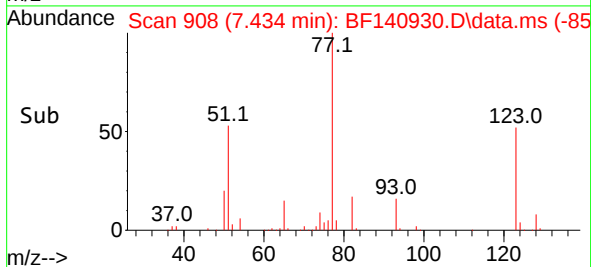
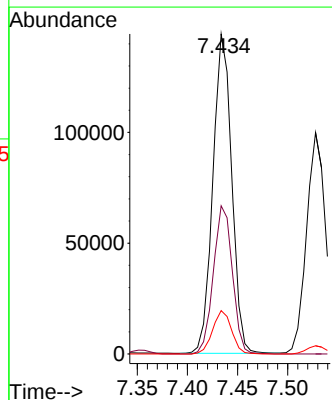
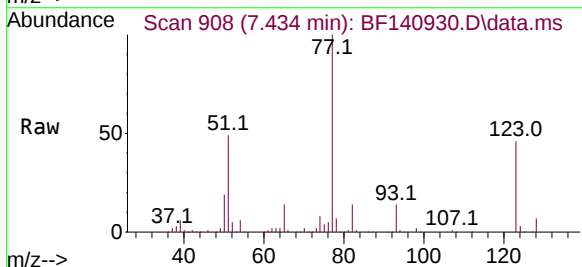
Delta R.T. -0.000 min

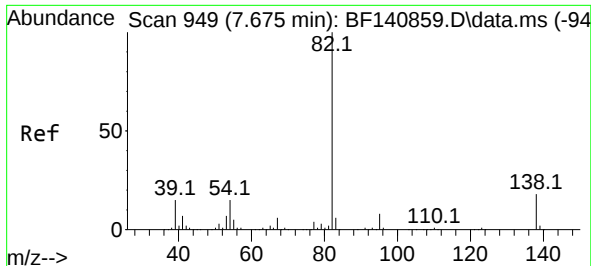
Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

Tgt Ion: 77 Resp: 188446

Ion	Ratio	Lower	Upper
77	100		
123	46.3	35.0	52.4
65	13.6	11.4	17.0

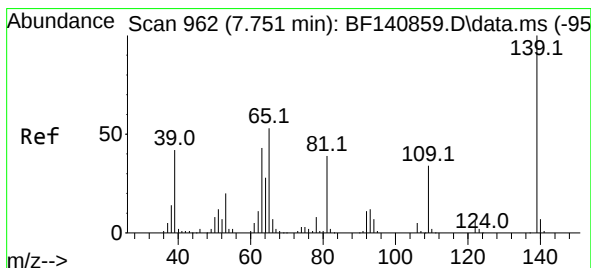
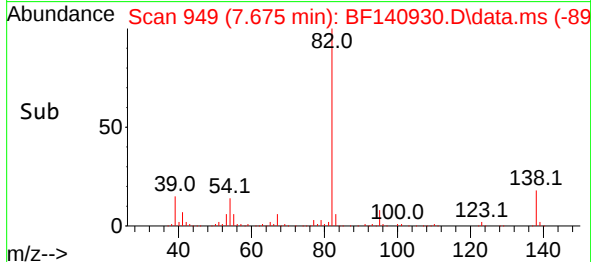
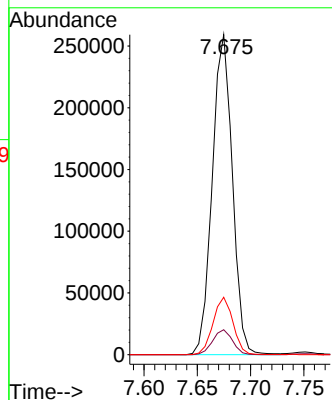
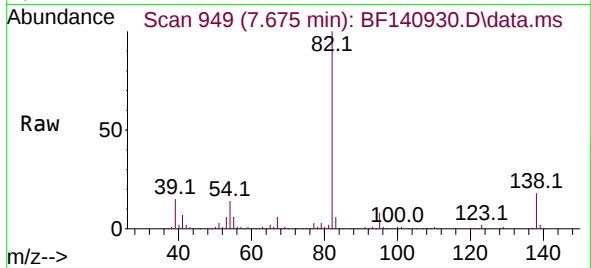




#25
Isophorone
Concen: 51.214 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

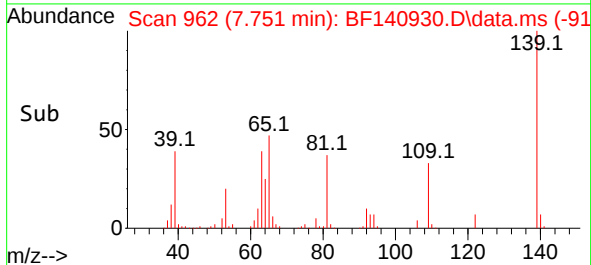
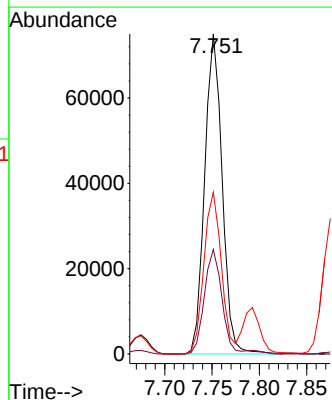
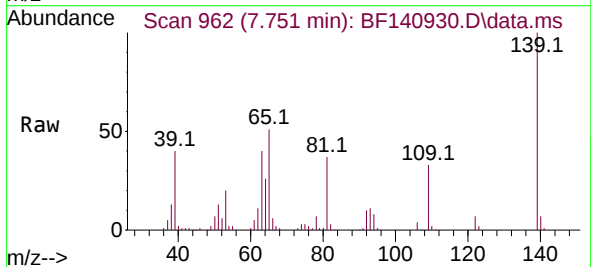
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

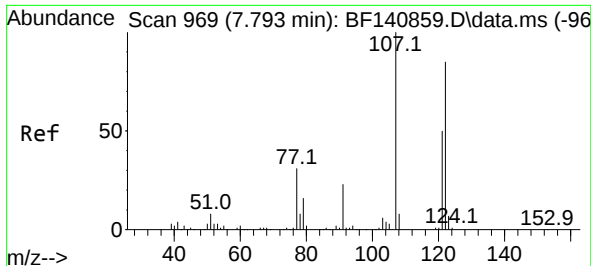
Tgt Ion: 82 Resp: 340081
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 18.0 14.1 21.1



#26
2-Nitrophenol
Concen: 51.370 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

Tgt Ion: 139 Resp: 96058
Ion Ratio Lower Upper
139 100
109 32.7 26.9 40.3
65 50.6 42.6 64.0

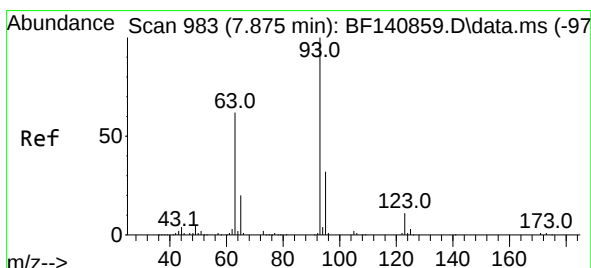
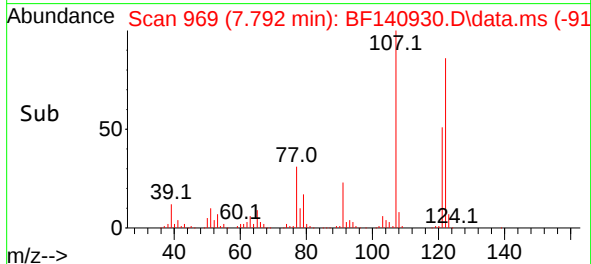
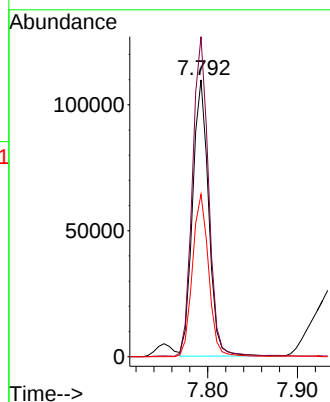
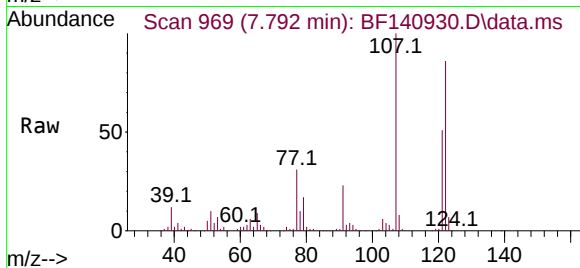




#27
2,4-Dimethylphenol
Concen: 62.064 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

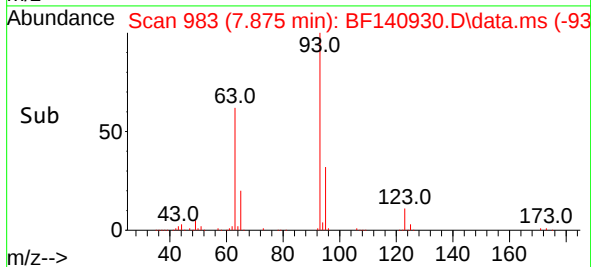
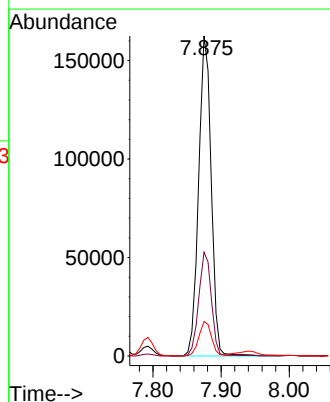
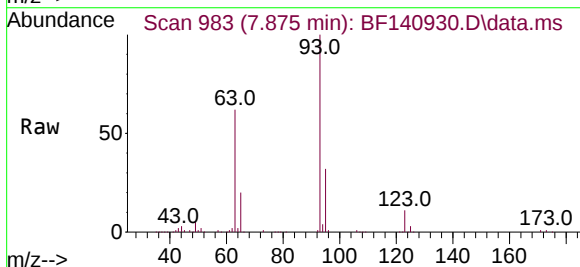
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

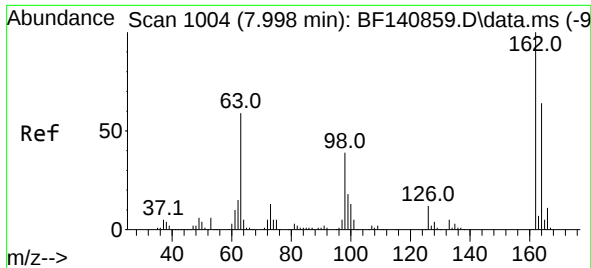
Tgt Ion:122 Resp: 135534
Ion Ratio Lower Upper
122 100
107 115.6 92.6 139.0
121 58.7 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 50.177 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

Tgt Ion: 93 Resp: 208104
Ion Ratio Lower Upper
93 100
95 32.4 25.3 37.9
123 10.8 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 50.514 ng

RT: 8.004 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

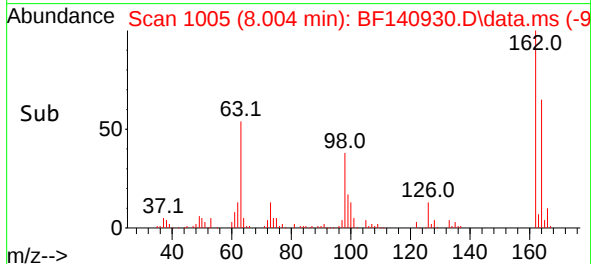
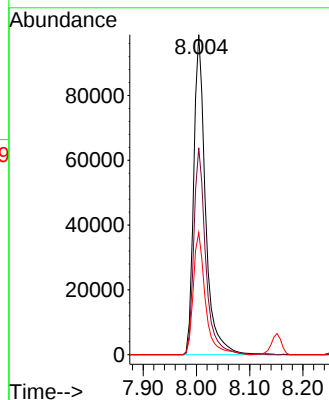
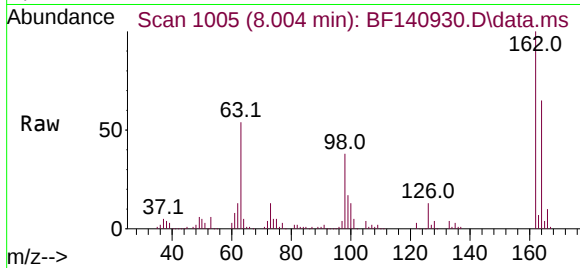
Tgt Ion:162 Resp: 152297

Ion Ratio Lower Upper

162 100

164 64.7 43.7 83.7

98 38.2 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 47.879 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

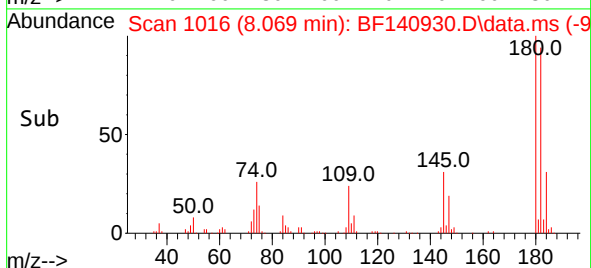
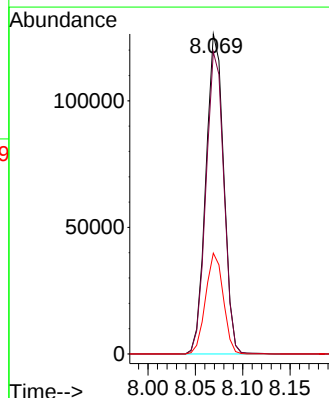
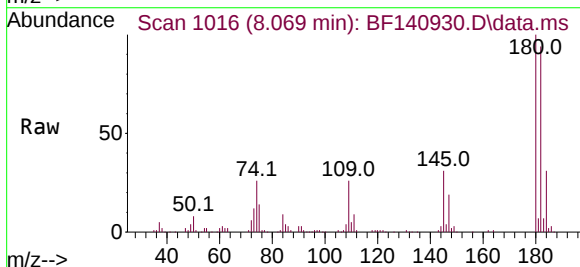
Tgt Ion:180 Resp: 165478

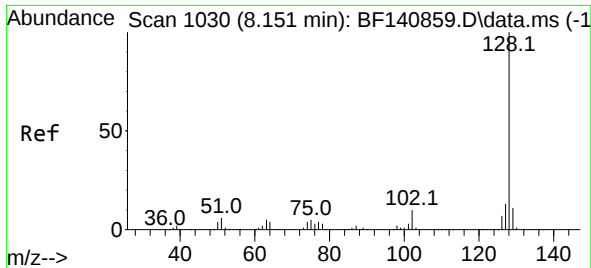
Ion Ratio Lower Upper

180 100

182 94.4 75.8 113.6

145 31.5 25.2 37.8

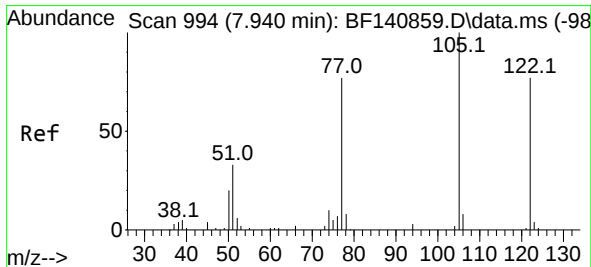
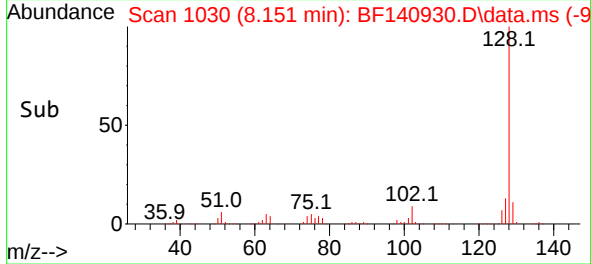
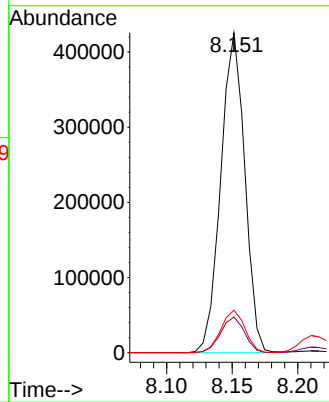
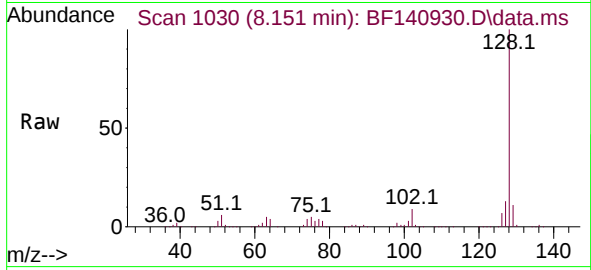




#31
Naphthalene
Concen: 49.746 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

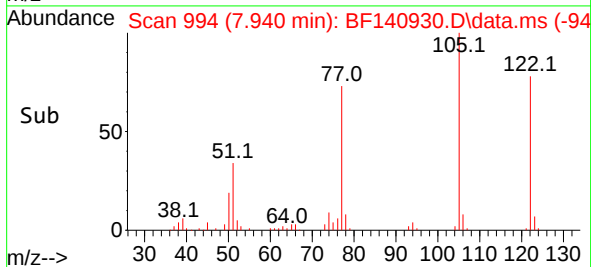
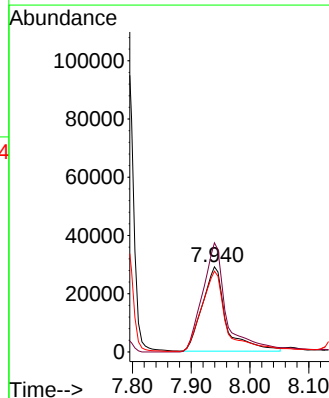
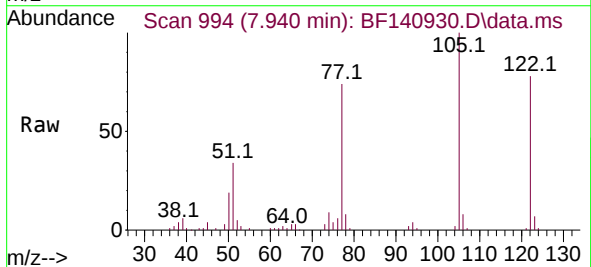
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

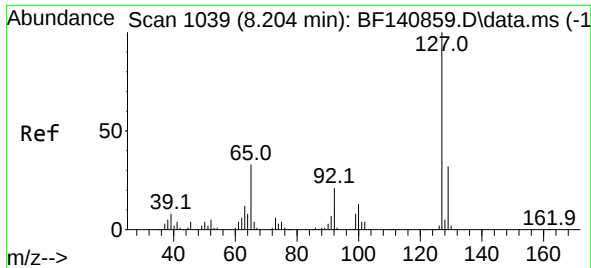
Tgt Ion:128 Resp: 541816
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 39.486 ng
RT: 7.940 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

Tgt Ion:122 Resp: 81780
Ion Ratio Lower Upper
122 100
105 128.3 108.3 148.3
77 95.1 78.8 118.8

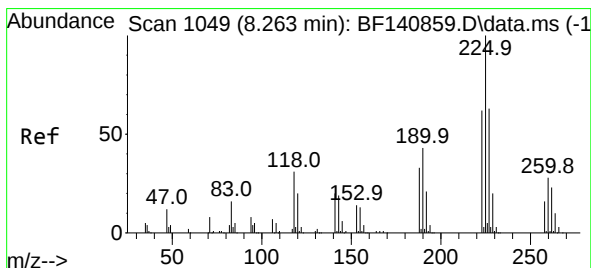
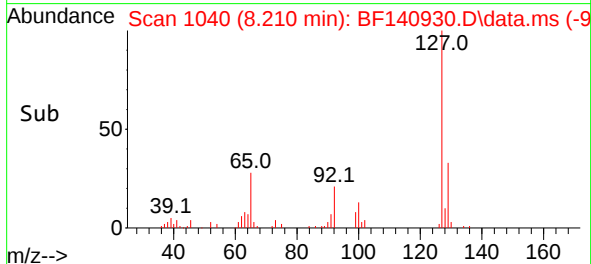
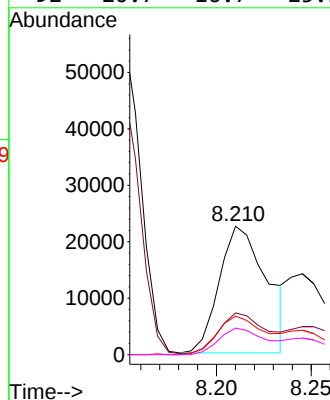
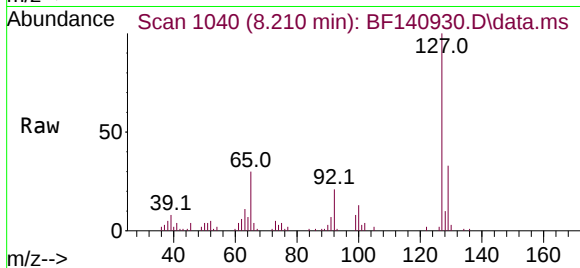




#33
4-Chloroaniline
Concen: 10.830 ng
RT: 8.210 min Scan# 1039
Delta R.T. 0.006 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

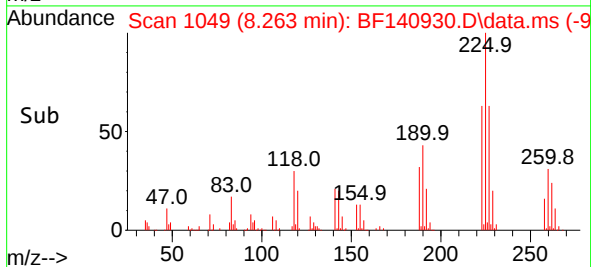
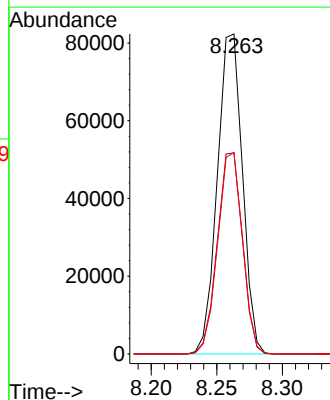
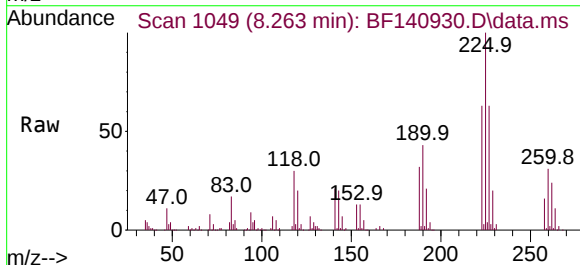
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

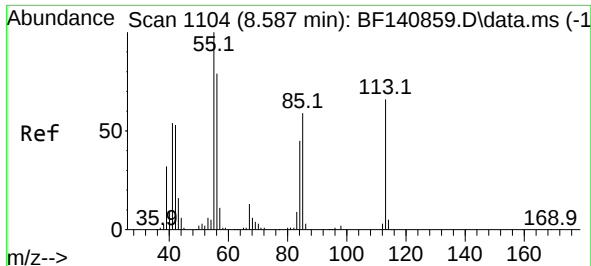
Tgt Ion:127	Resp:	39176
Ion Ratio	Lower	Upper
127	100	
129	32.5	26.0 39.0
65	29.9	26.0 39.0
92	20.7	16.7 25.1



#34
Hexachlorobutadiene
Concen: 47.150 ng
RT: 8.263 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

Tgt Ion:225	Resp:	109640
Ion Ratio	Lower	Upper
225	100	
223	62.9	49.6 74.4
227	63.0	50.7 76.1

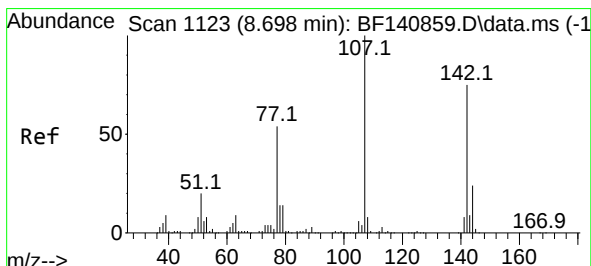
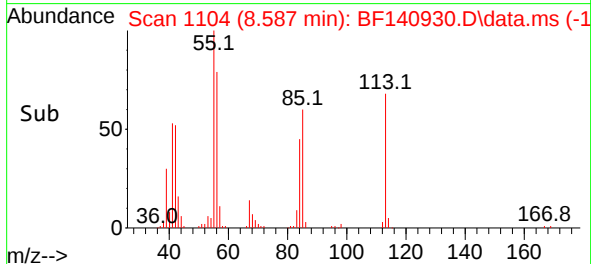
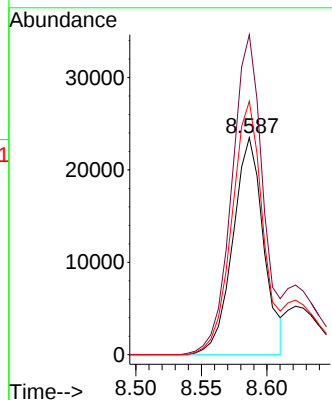
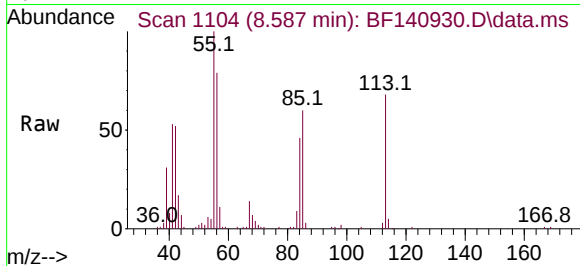




#35
 Caprolactam
 Concen: 42.806 ng
 RT: 8.587 min Scan# 1104
 Delta R.T. -0.000 min
 Lab File: BF140930.D
 Acq: 19 Dec 2024 16:57

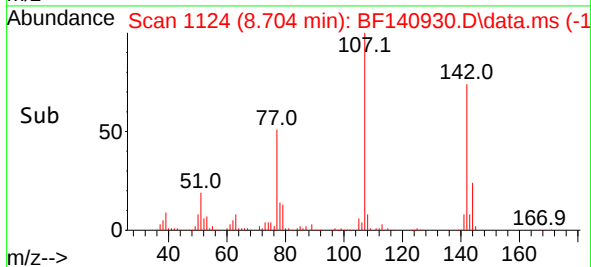
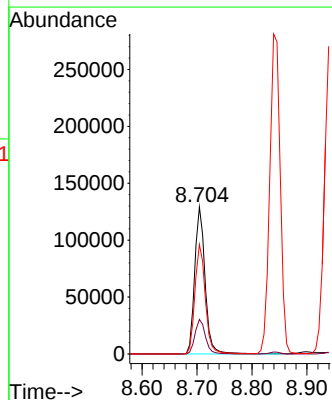
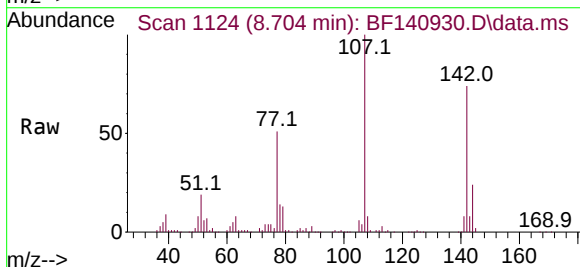
Instrument :
 BNA_F
 ClientSampleId :
 VNJ210MS

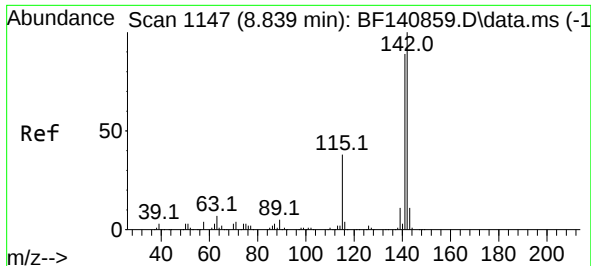
Tgt Ion:113 Resp: 38421
 Ion Ratio Lower Upper
 113 100
 55 147.5 132.3 172.3
 56 116.9 100.3 140.3



#36
 4-Chloro-3-methylphenol
 Concen: 49.958 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.006 min
 Lab File: BF140930.D
 Acq: 19 Dec 2024 16:57

Tgt Ion:107 Resp: 169524
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.4 29.2
 142 74.4 60.3 90.5

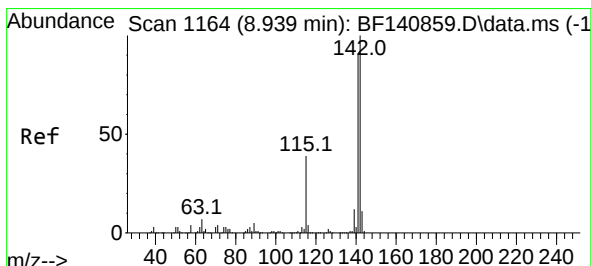
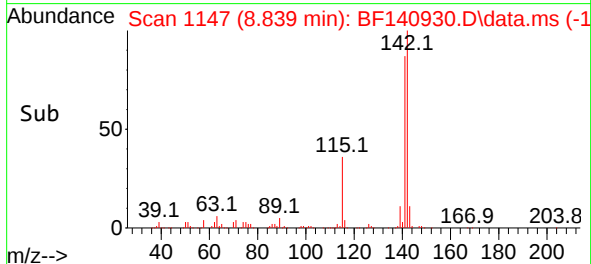
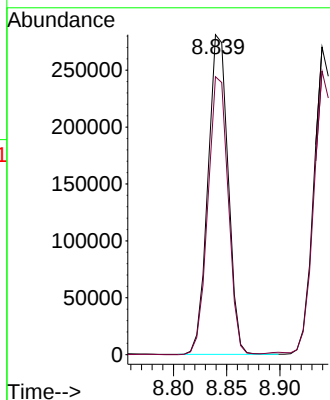
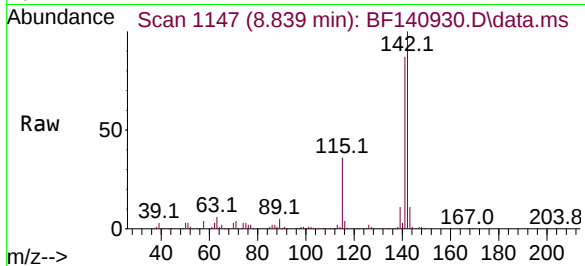




#37
2-Methylnaphthalene
Concen: 51.339 ng
RT: 8.839 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

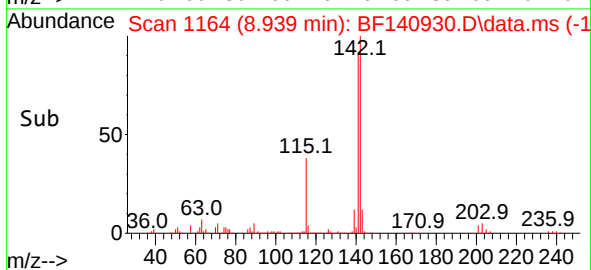
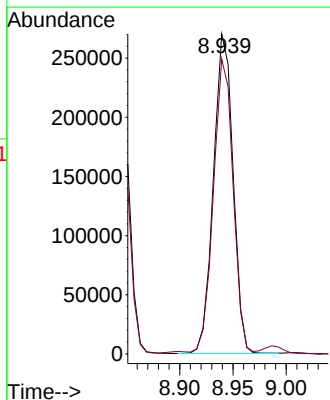
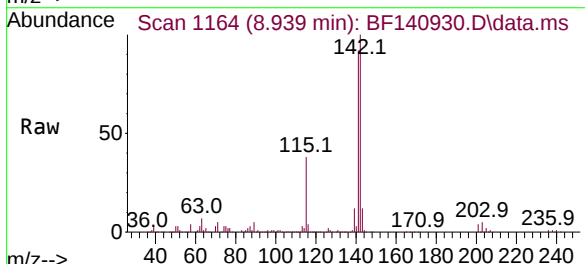
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

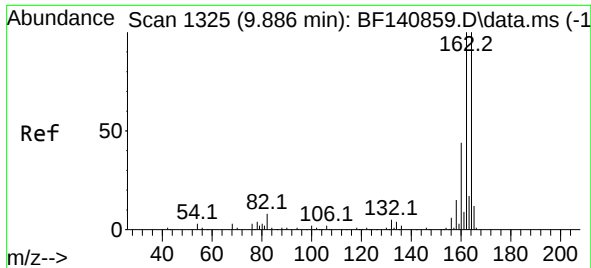
Tgt Ion:142 Resp: 369886
Ion Ratio Lower Upper
142 100
141 86.8 71.0 106.6



#38
1-Methylnaphthalene
Concen: 48.496 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

Tgt Ion:142 Resp: 345554
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.0

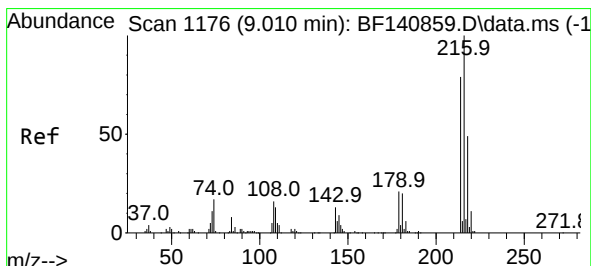
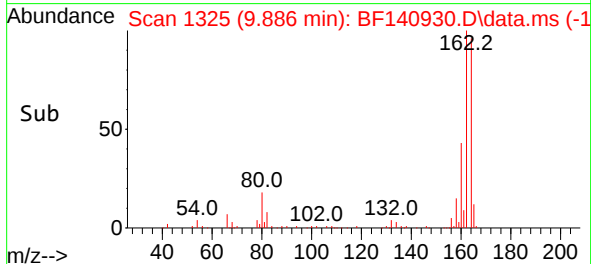
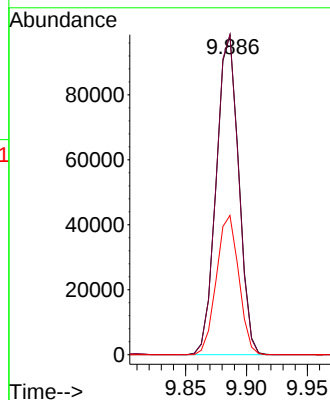
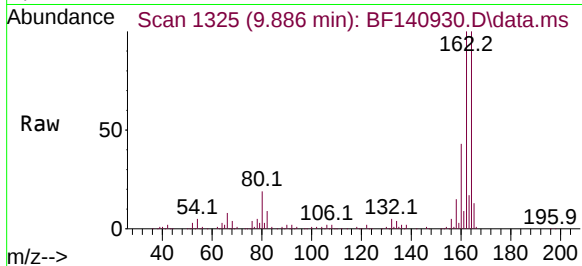




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

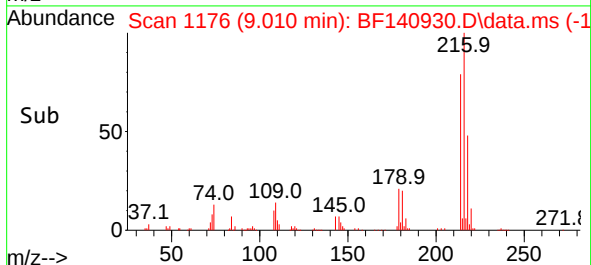
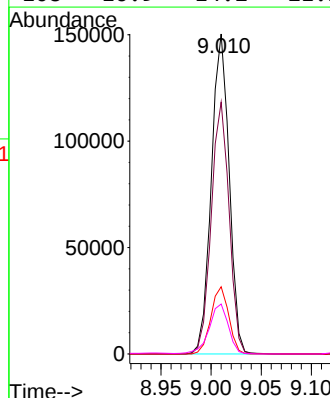
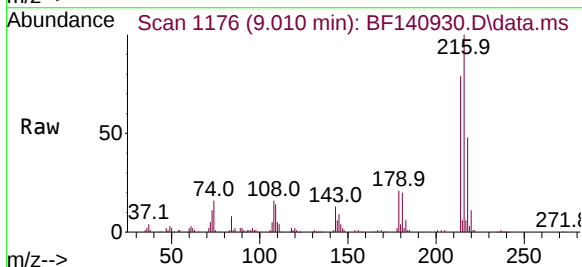
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

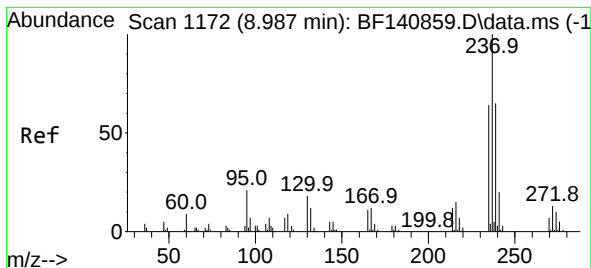
Tgt Ion:164 Resp: 126175
Ion Ratio Lower Upper
164 100
162 100.1 79.9 119.9
160 43.5 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.963 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

Tgt Ion:216 Resp: 186010
Ion Ratio Lower Upper
216 100
214 78.6 63.6 95.4
179 21.0 17.0 25.4
108 16.9 14.2 21.2





#41

Hexachlorocyclopentadiene

Concen: 56.116 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.001 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

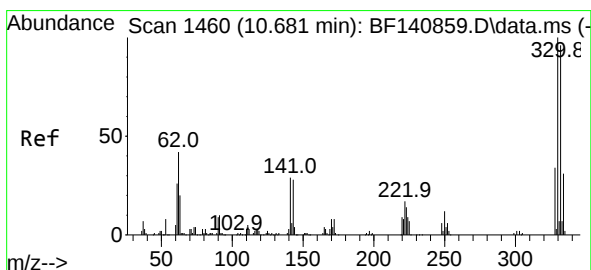
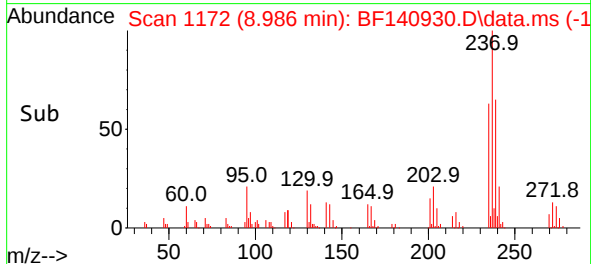
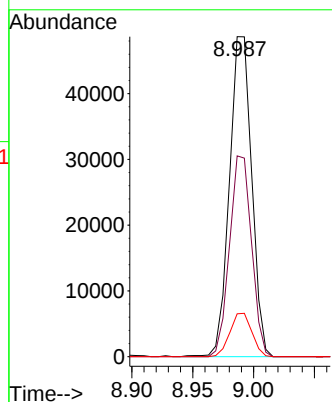
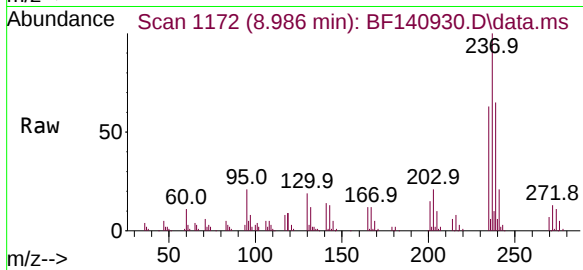
Tgt Ion:237 Resp: 61917

Ion Ratio Lower Upper

237 100

235 62.7 43.7 83.7

272 13.4 0.0 32.9



#42

2,4,6-Tribromophenol

Concen: 92.359 ng

RT: 10.681 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

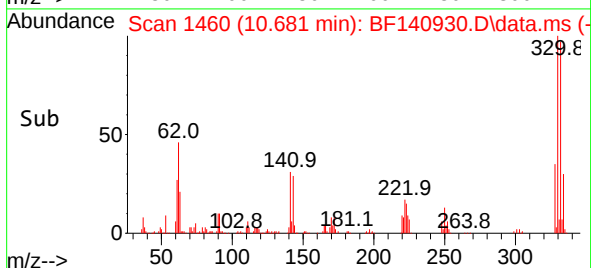
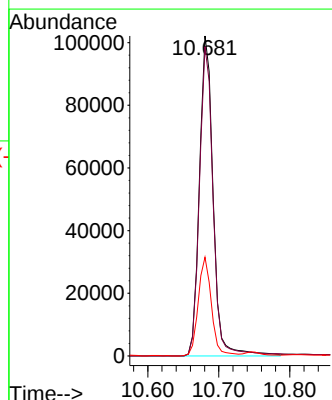
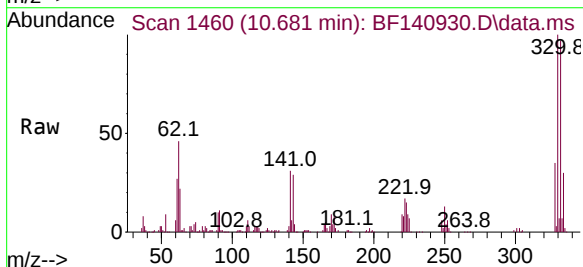
Tgt Ion:330 Resp: 137827

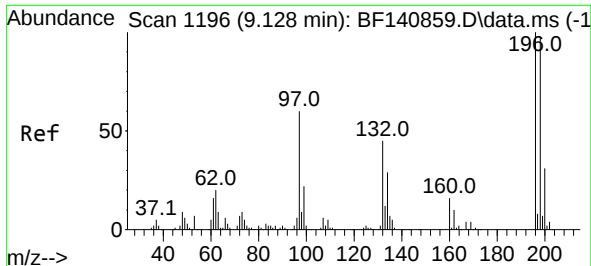
Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.4

141 29.7 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 46.908 ng

RT: 9.134 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

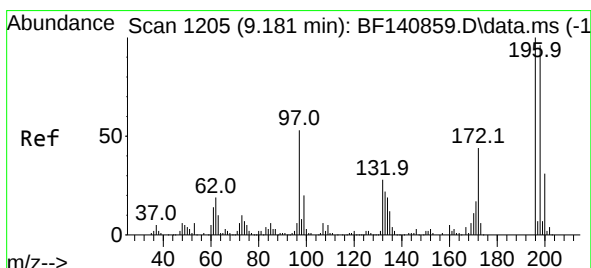
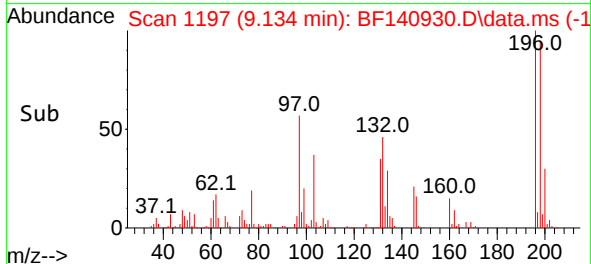
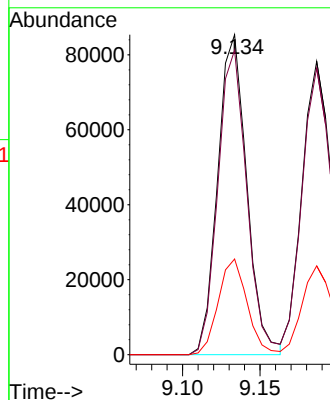
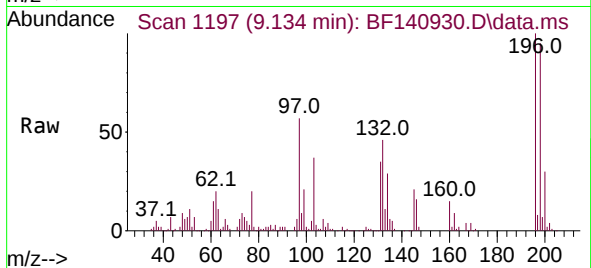
Tgt Ion:196 Resp: 111393

Ion Ratio Lower Upper

196 100

198 95.2 77.4 116.0

200 29.9 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 45.063 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.006 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

Tgt Ion:196 Resp: 117619

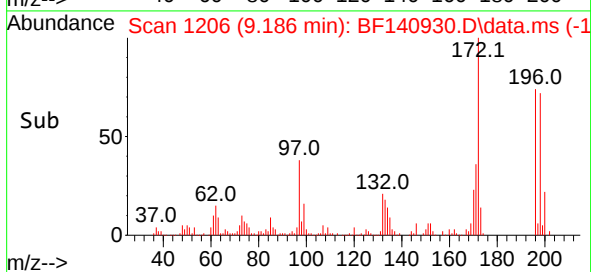
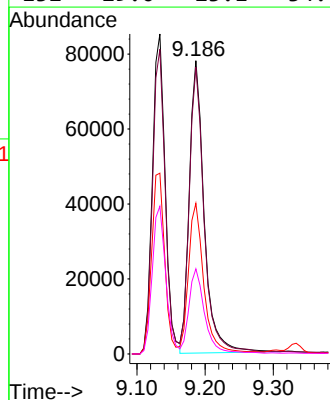
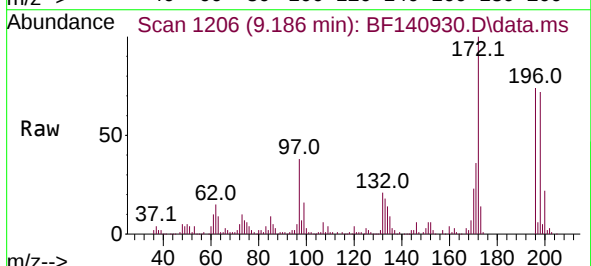
Ion Ratio Lower Upper

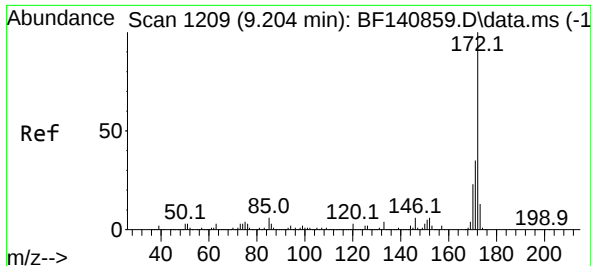
196 100

198 97.8 77.2 115.8

97 51.4 42.2 63.4

132 29.0 23.1 34.7

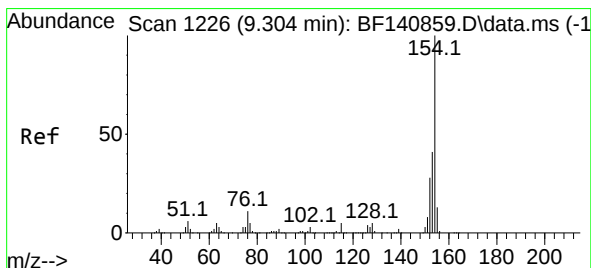
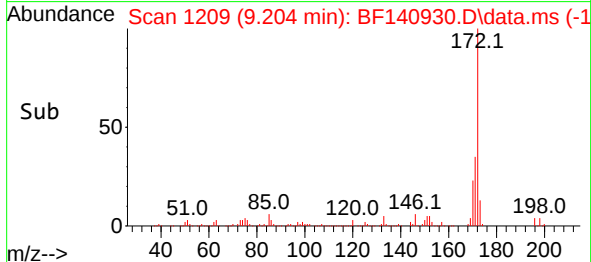
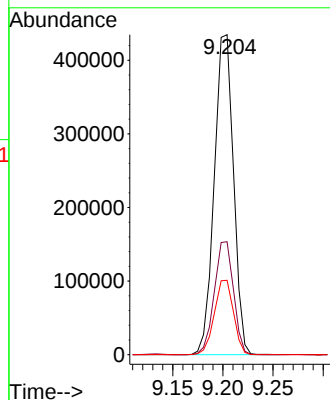
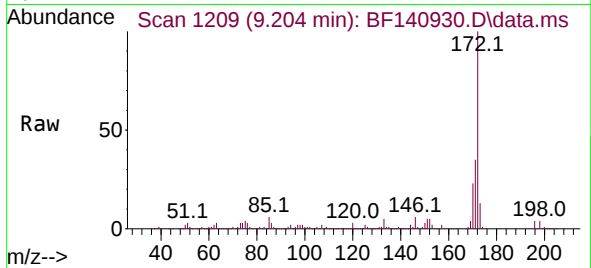




#45
2-Fluorobiphenyl
Concen: 63.175 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

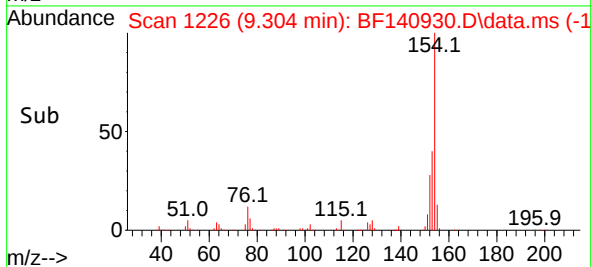
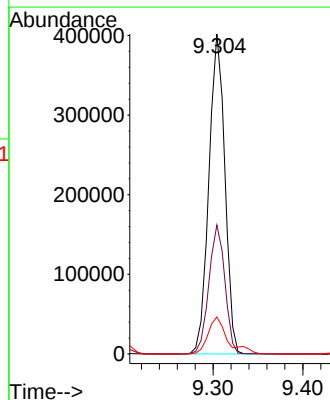
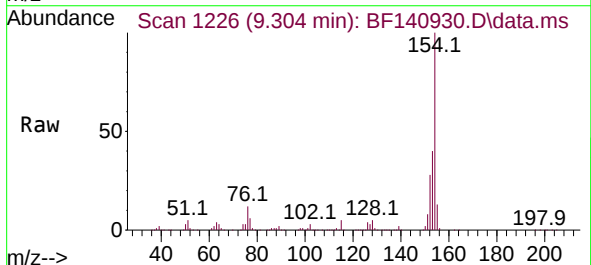
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

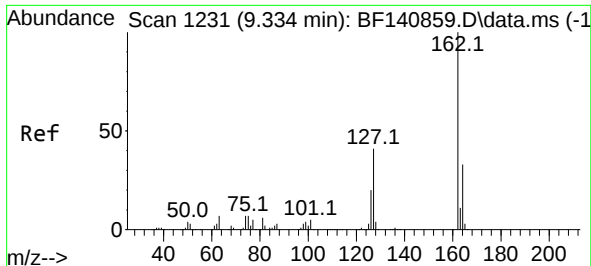
Tgt Ion:172 Resp: 579778
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 49.531 ng
RT: 9.304 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

Tgt Ion:154 Resp: 496958
Ion Ratio Lower Upper
154 100
153 40.3 20.8 60.8
76 11.5 0.0 31.0

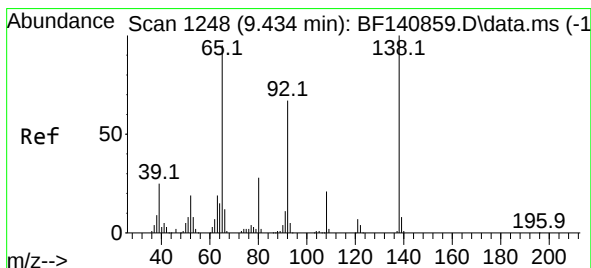
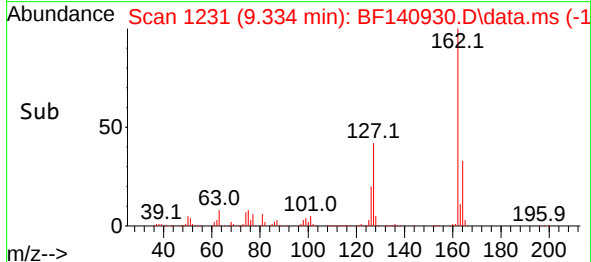
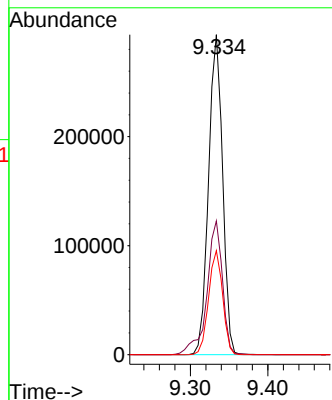
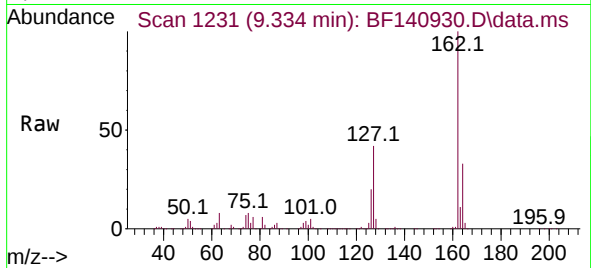




#47
2-Chloronaphthalene
Concen: 48.078 ng
RT: 9.334 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

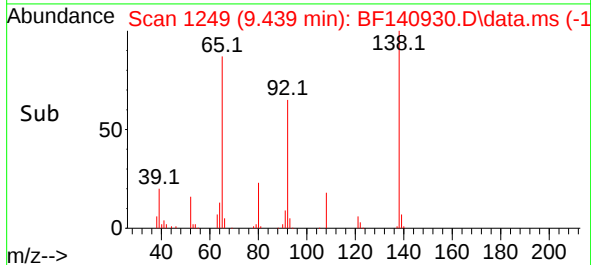
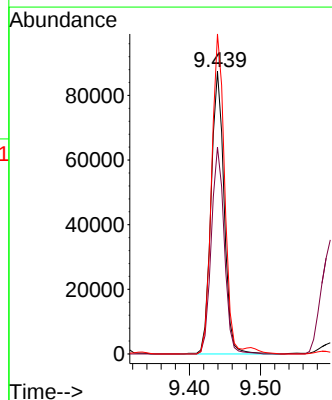
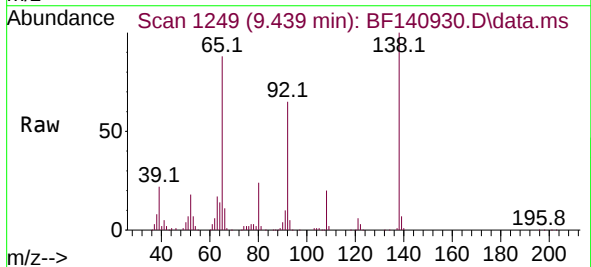
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

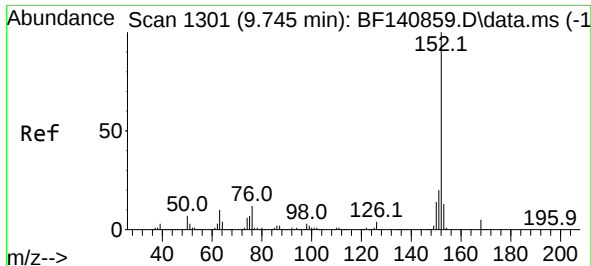
Tgt Ion:162 Resp: 369025
Ion Ratio Lower Upper
162 100
127 41.8 33.5 50.3
164 32.5 26.2 39.2



#48
2-Nitroaniline
Concen: 48.133 ng
RT: 9.439 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

Tgt Ion: 65 Resp: 111577
Ion Ratio Lower Upper
65 100
92 73.2 56.3 84.5
138 113.3 83.8 125.6

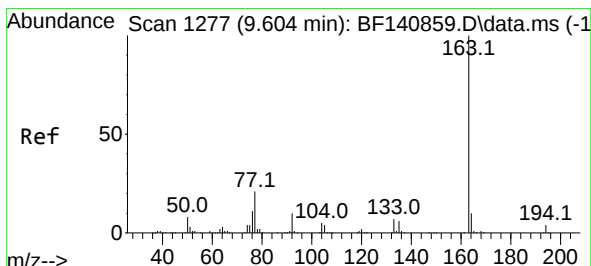
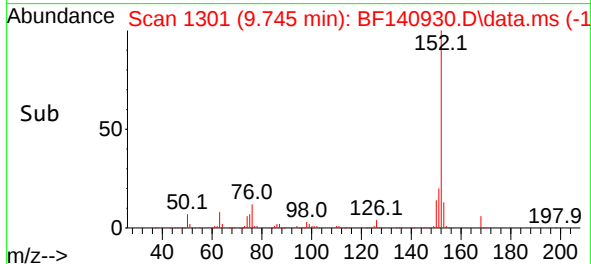
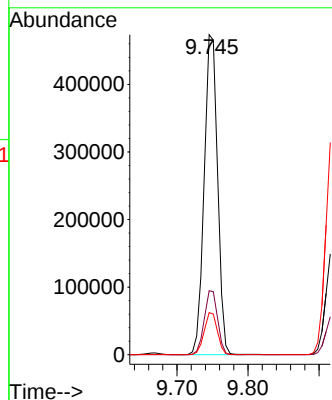
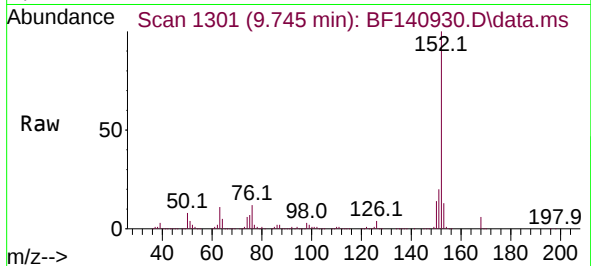




#49
Acenaphthylene
Concen: 55.257 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

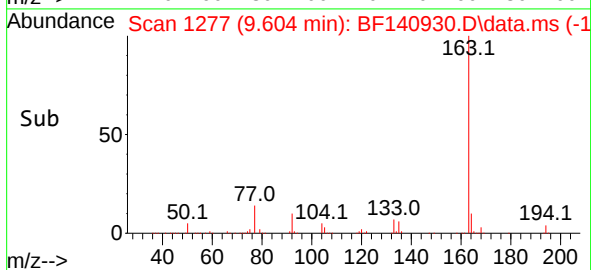
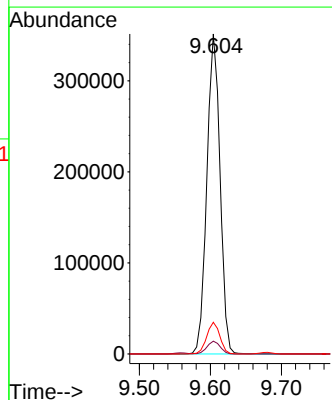
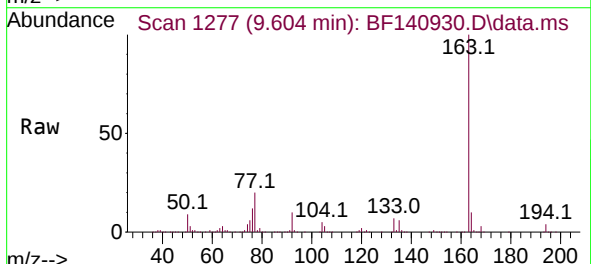
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

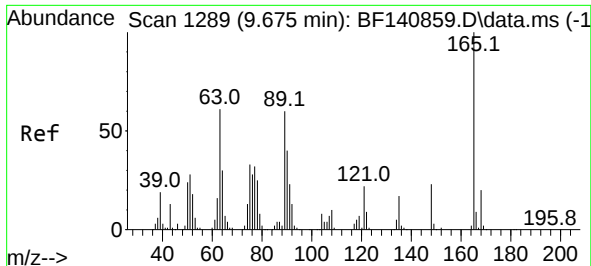
Tgt Ion:152 Resp: 623286
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.1 10.6 16.0



#50
Dimethylphthalate
Concen: 51.031 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

Tgt Ion:163 Resp: 453952
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.9 8.1 12.1

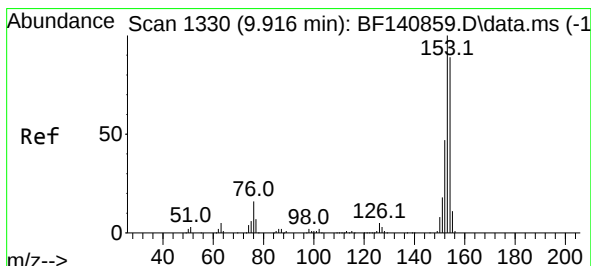
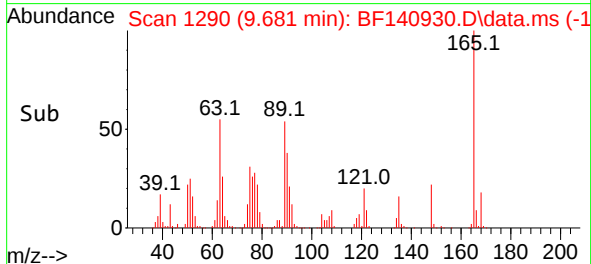
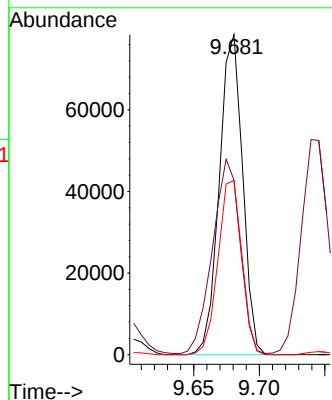
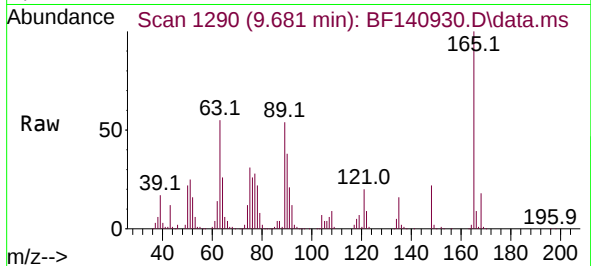




#51
2,6-Dinitrotoluene
Concen: 47.529 ng
RT: 9.681 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

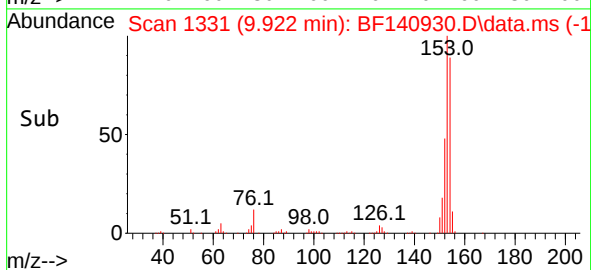
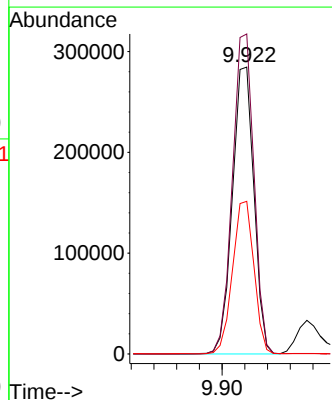
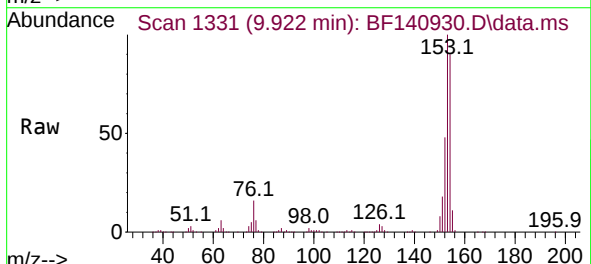
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

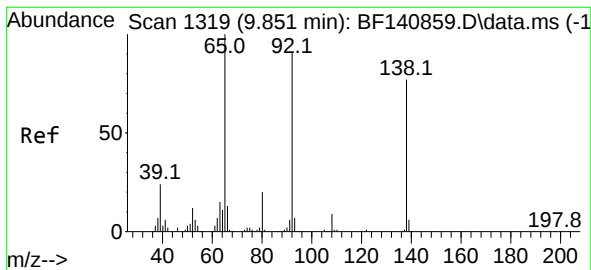
Tgt Ion:165 Resp: 96656
Ion Ratio Lower Upper
165 100
63 54.6 49.7 74.5
89 54.4 48.2 72.4



#52
Acenaphthene
Concen: 52.043 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

Tgt Ion:154 Resp: 374983
Ion Ratio Lower Upper
154 100
153 111.6 89.9 134.9
152 53.2 42.6 63.8





#53

3-Nitroaniline

Concen: 28.445 ng

RT: 9.851 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

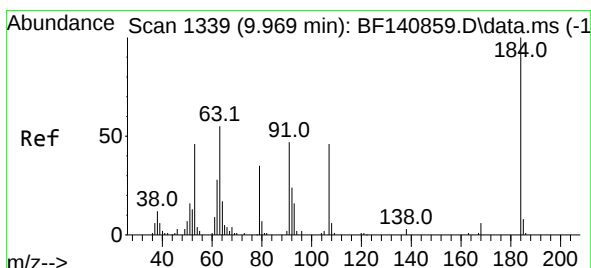
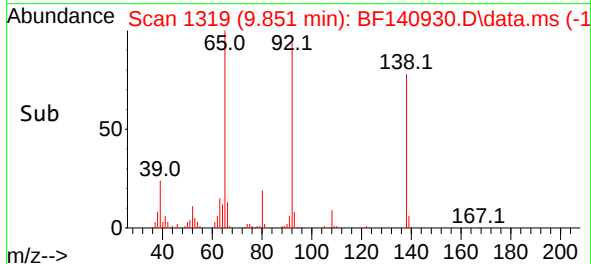
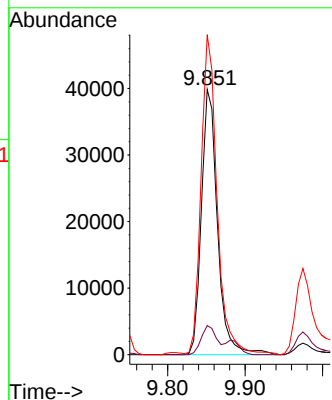
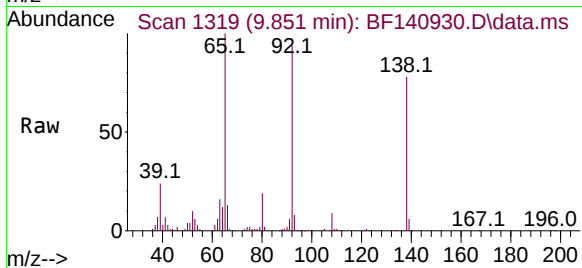
Tgt Ion:138 Resp: 57406

Ion Ratio Lower Upper

138 100

108 11.0 9.0 13.4

92 120.6 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 87.102 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

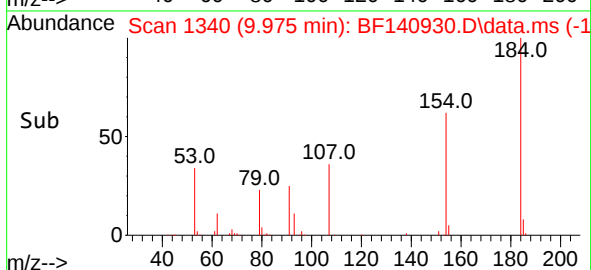
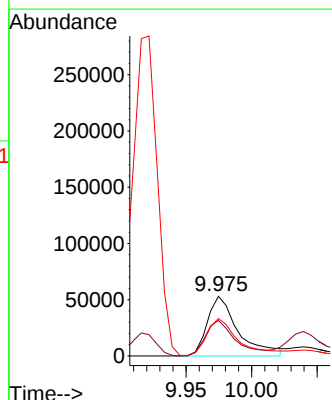
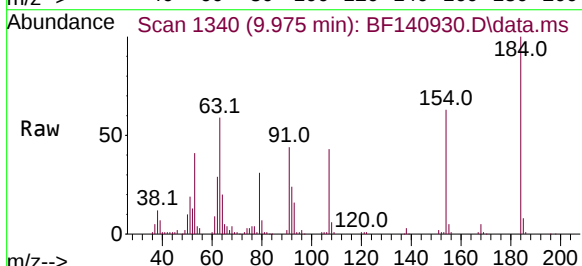
Tgt Ion:184 Resp: 87054

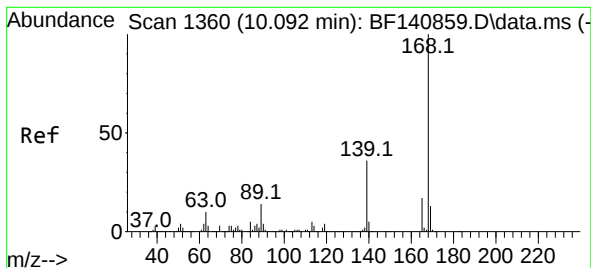
Ion Ratio Lower Upper

184 100

63 59.3 51.6 77.4

154 62.6 56.1 84.1





#55

Dibenzofuran

Concen: 49.787 ng

RT: 10.092 min Scan# 1360

Delta R.T. -0.000 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

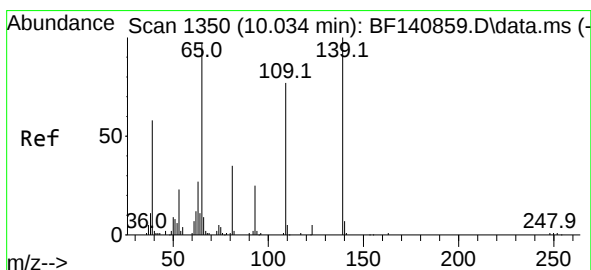
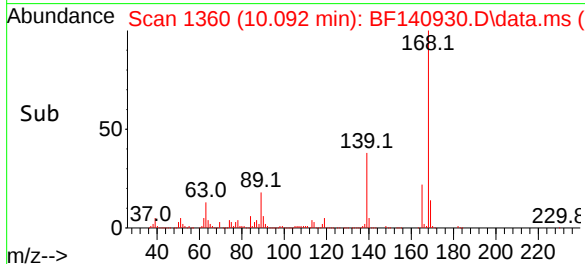
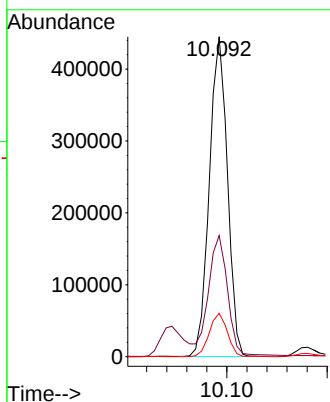
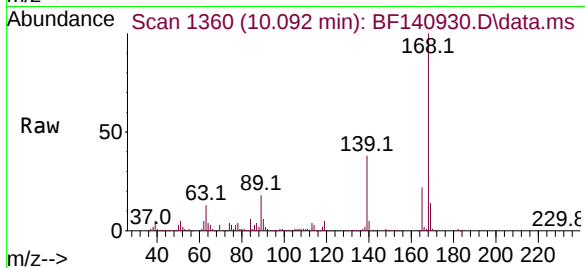
Tgt Ion:168 Resp: 555872

Ion Ratio Lower Upper

168 100

139 37.8 31.1 46.7

169 13.5 10.6 16.0



#56

4-Nitrophenol

Concen: 62.844 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.011 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

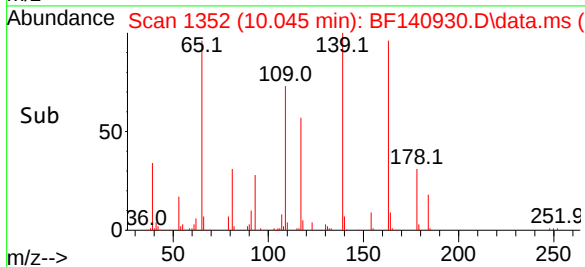
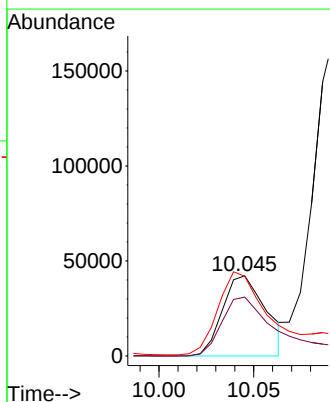
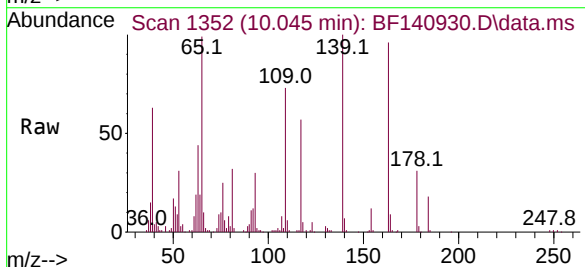
Tgt Ion:139 Resp: 67127

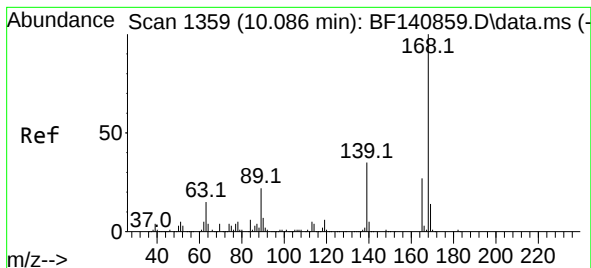
Ion Ratio Lower Upper

139 100

109 73.4 56.7 96.7

65 99.3 78.1 118.1

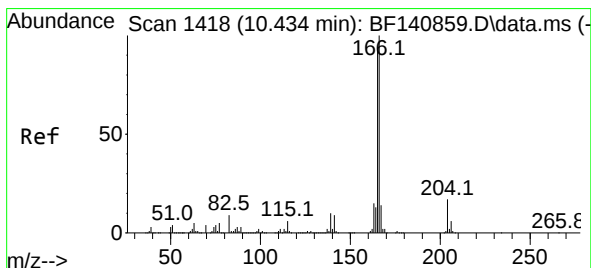
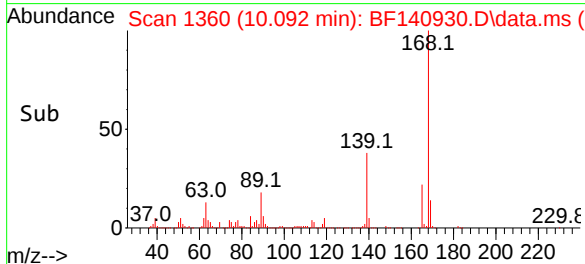
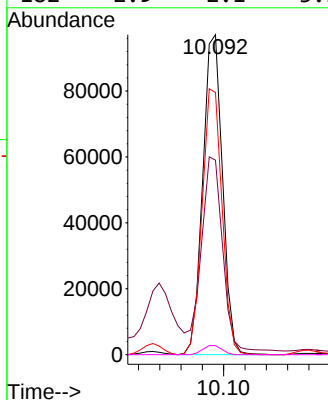
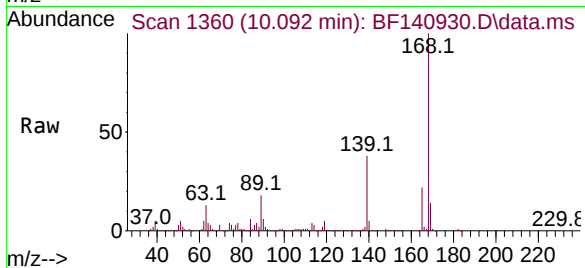




#57
2,4-Dinitrotoluene
Concen: 46.845 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

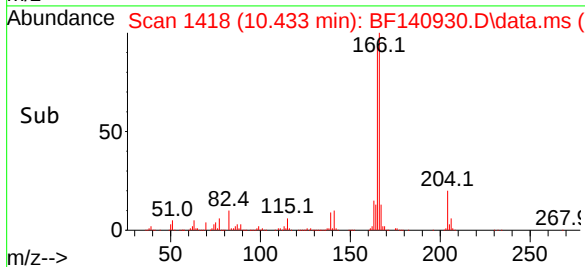
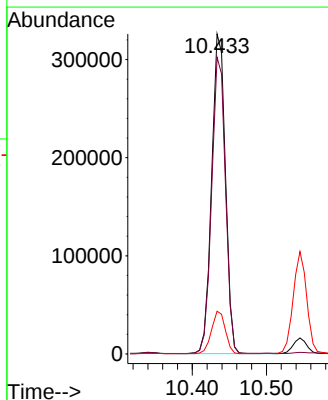
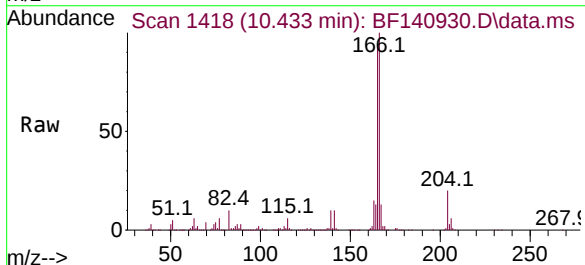
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

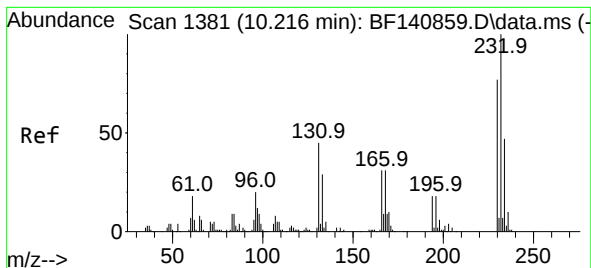
Tgt Ion:165 Resp: 125343
Ion Ratio Lower Upper
165 100
63 60.8 49.3 73.9
89 82.0 66.2 99.4
182 2.9 2.1 3.1



#58
Fluorene
Concen: 45.508 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

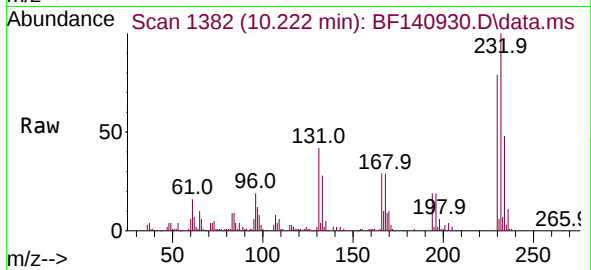
Tgt Ion:166 Resp: 419175
Ion Ratio Lower Upper
166 100
165 92.7 75.1 112.7
167 13.3 11.1 16.7



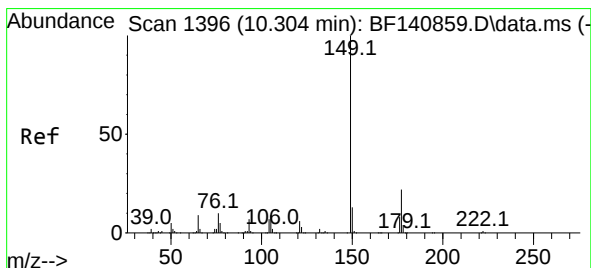
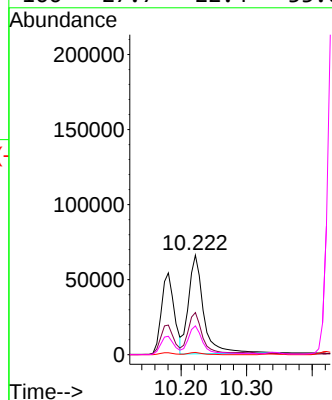
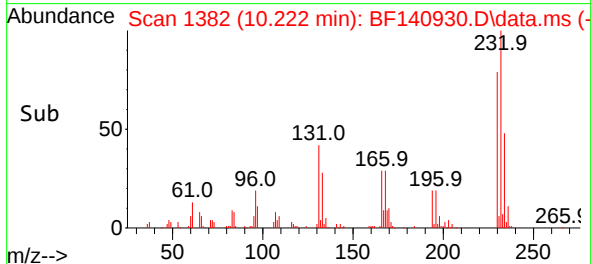


#59
2,3,4,6-Tetrachlorophenol
Concen: 49.063 ng
RT: 10.222 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

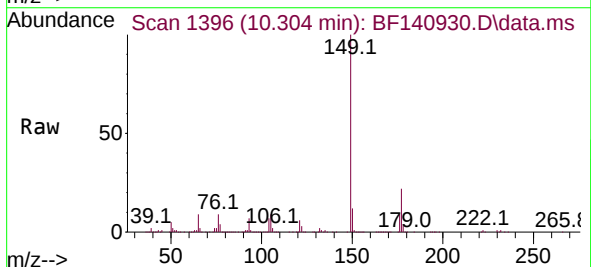
Instrument :
BNA_F
ClientSampleId :
VNJ210MS



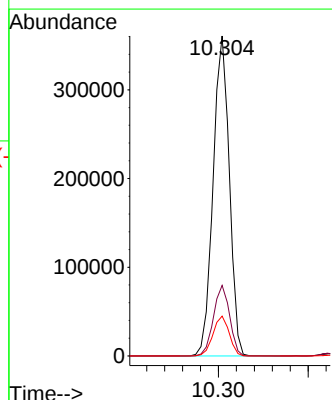
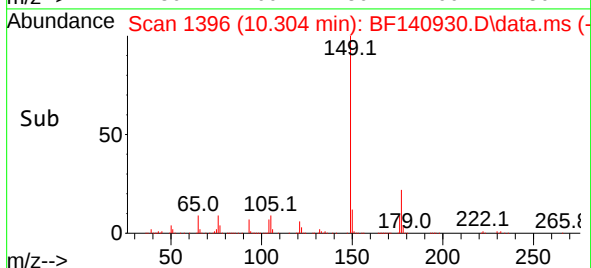
Tgt Ion:232 Resp: 104349
Ion Ratio Lower Upper
232 100
131 37.9 35.1 52.7
130 2.2 1.8 2.8
166 27.7 22.4 33.6

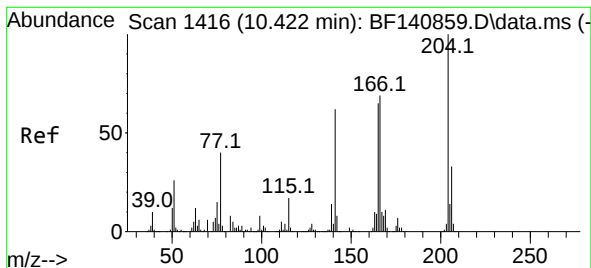


#60
Diethylphthalate
Concen: 49.011 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57



Tgt Ion:149 Resp: 452096
Ion Ratio Lower Upper
149 100
177 22.0 17.2 25.8
150 12.5 10.1 15.1

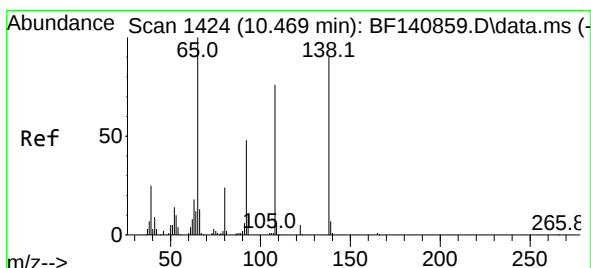
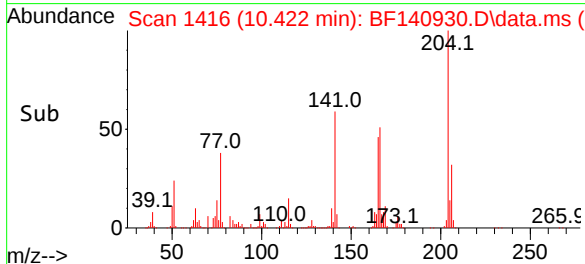
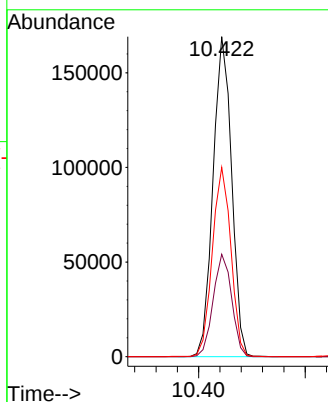
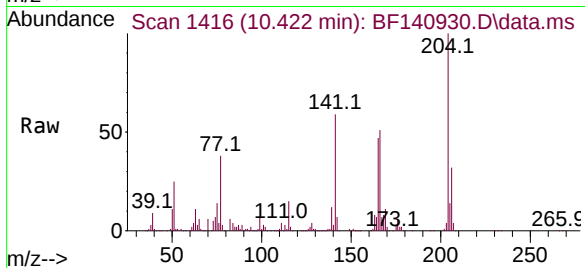




#61
4-Chlorophenyl-phenylether
Concen: 44.166 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

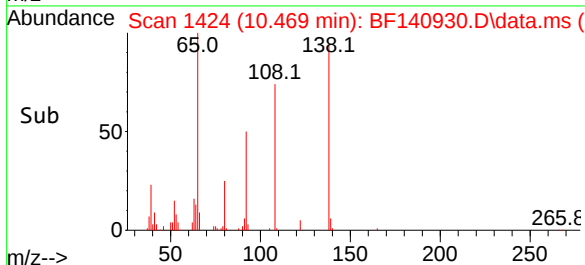
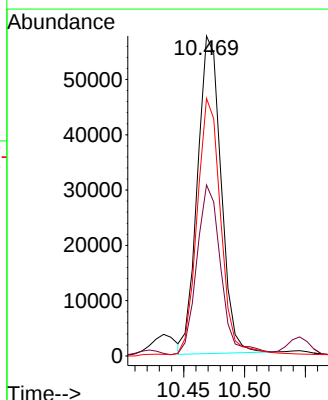
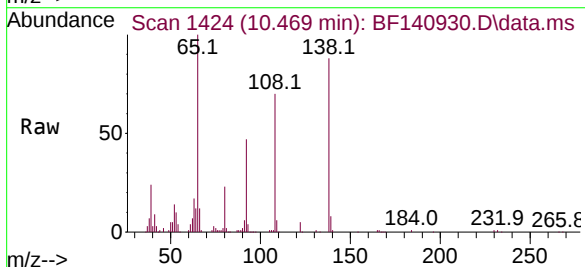
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

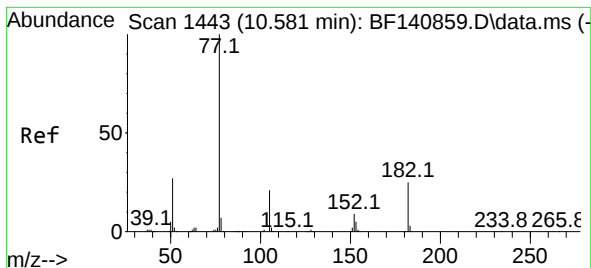
Tgt Ion:204 Resp: 204352
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 59.1 50.0 75.0



#62
4-Nitroaniline
Concen: 36.584 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

Tgt Ion:138 Resp: 77153
Ion Ratio Lower Upper
138 100
92 53.5 32.6 72.6
108 80.5 64.1 104.1





#63

Azobenzene

Concen: 52.341 ng

RT: 10.586 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

Tgt Ion: 77 Resp: 453904

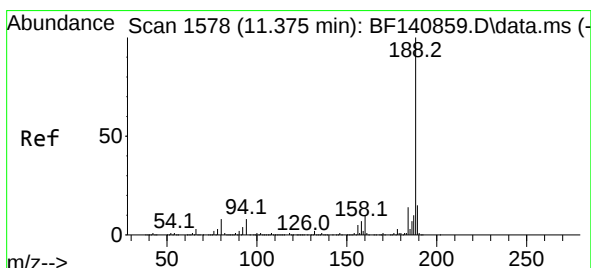
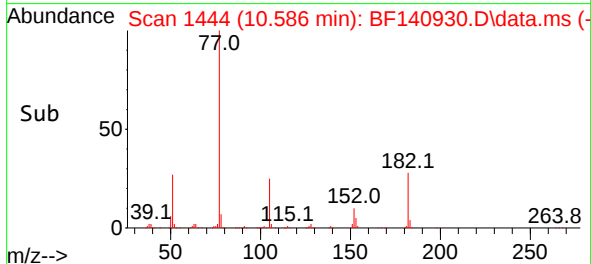
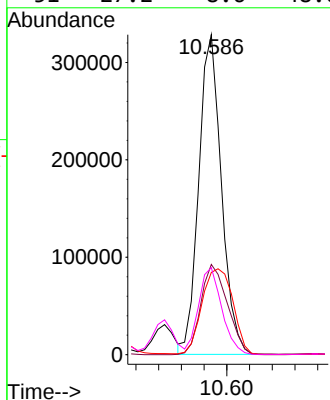
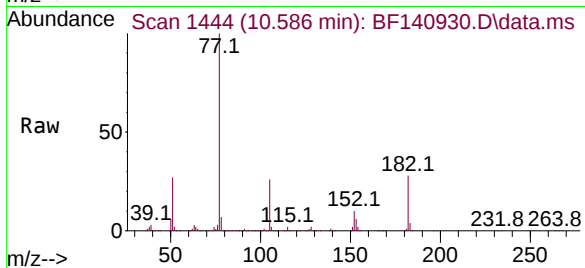
Ion Ratio Lower Upper

77 100

182 28.2 4.5 44.5

105 25.7 0.9 40.9

51 27.2 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: BF140930.D

Acq: 19 Dec 2024 16:57

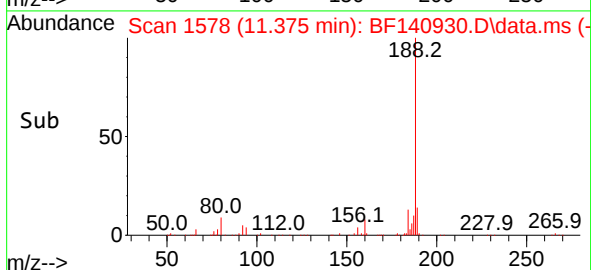
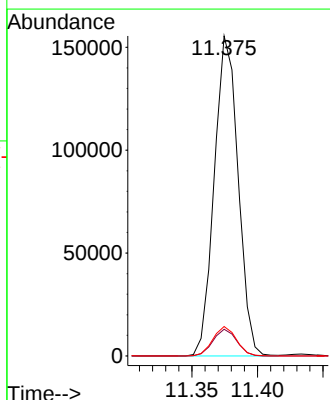
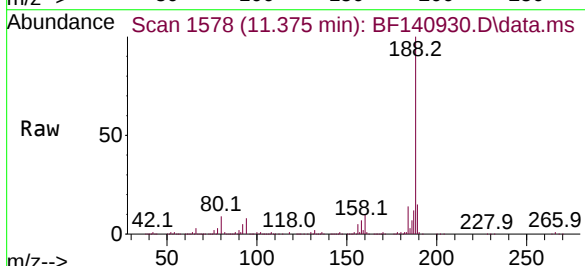
Tgt Ion:188 Resp: 196663

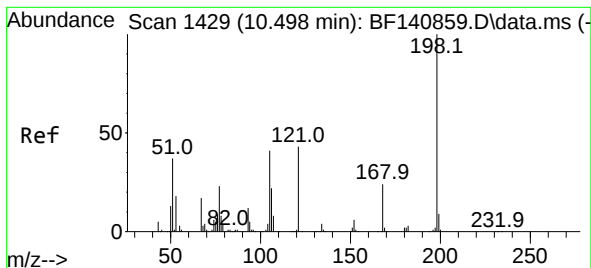
Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 9.2 6.8 10.2

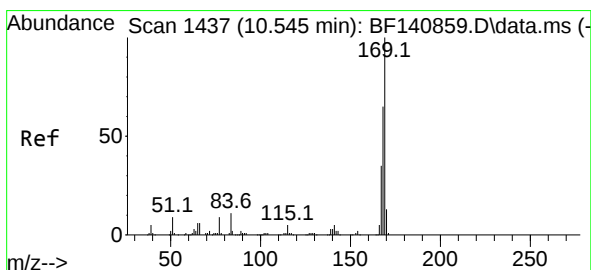
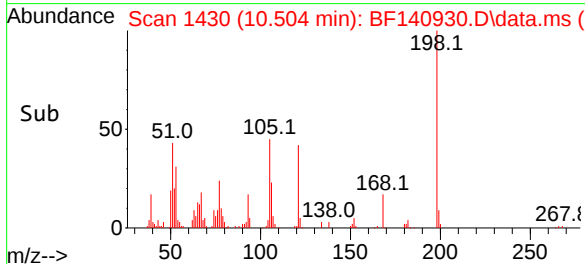
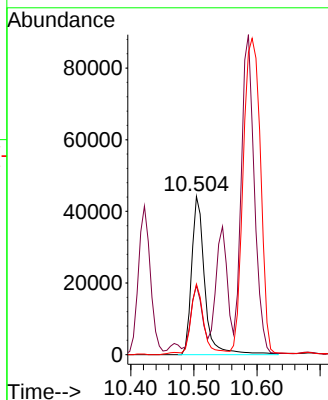
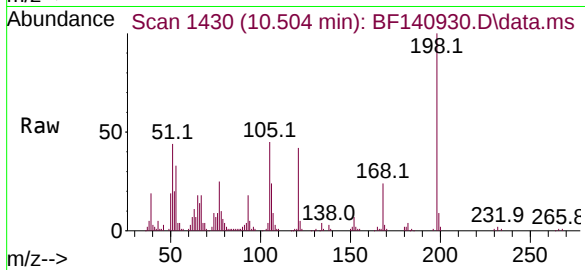




#65
4,6-Dinitro-2-methylphenol
Concen: 57.172 ng
RT: 10.504 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

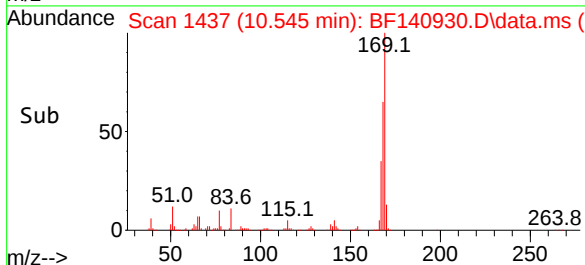
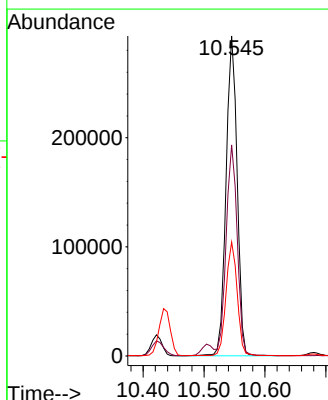
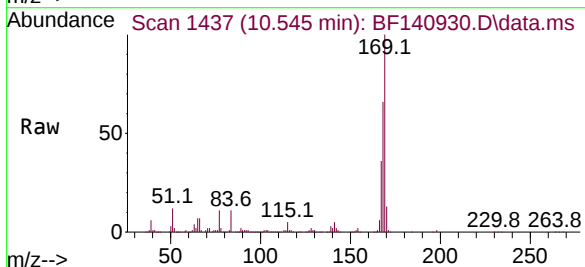
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

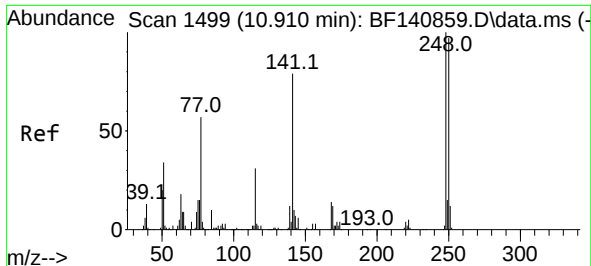
Tgt Ion:198 Resp: 63712
Ion Ratio Lower Upper
198 100
51 43.8 24.4 64.4
105 44.5 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 60.969 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

Tgt Ion:169 Resp: 368650
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.0
167 35.6 28.3 42.5

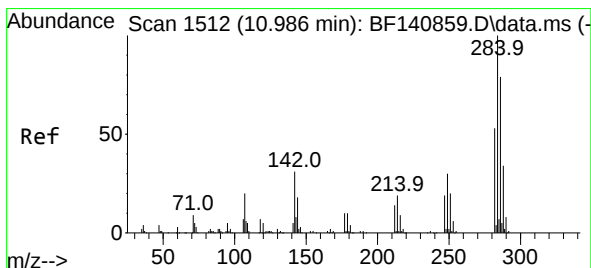
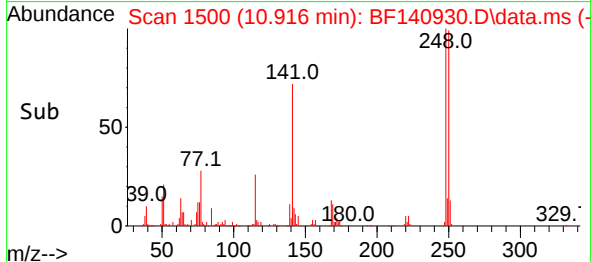
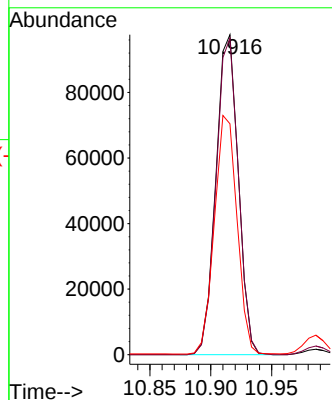
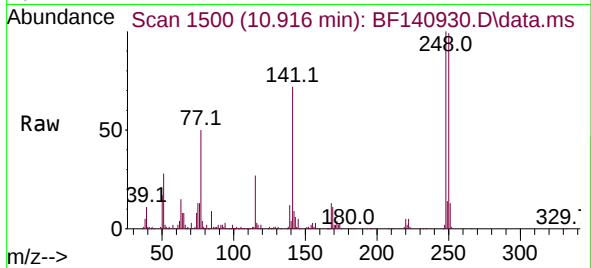




#67
4-Bromophenyl-phenylether
Concen: 56.740 ng
RT: 10.916 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

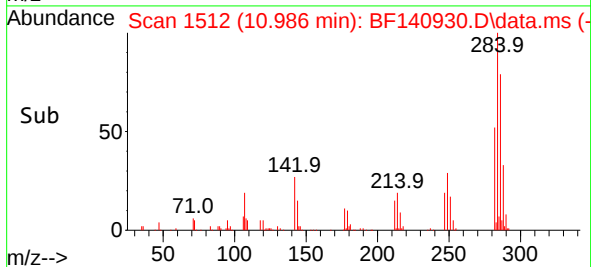
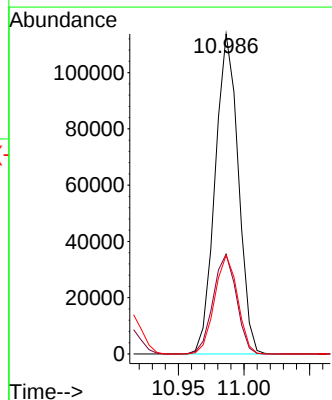
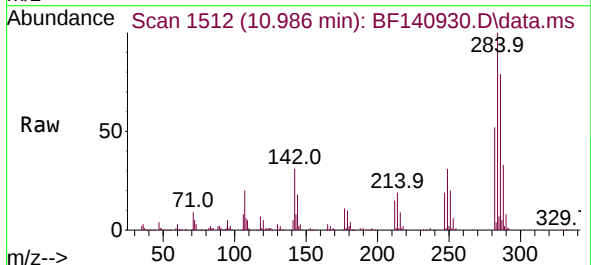
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

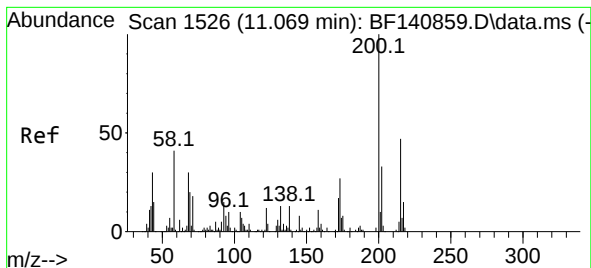
Tgt Ion:248 Resp: 124835
Ion Ratio Lower Upper
248 100
250 98.9 77.4 116.2
141 72.1 62.9 94.3



#68
Hexachlorobenzene
Concen: 55.912 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

Tgt Ion:284 Resp: 139471
Ion Ratio Lower Upper
284 100
142 31.2 24.6 36.8
249 30.9 24.3 36.5





#69

Atrazine

Concen: 68.869 ng

RT: 11.075 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

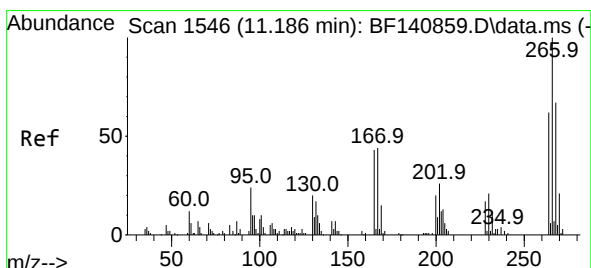
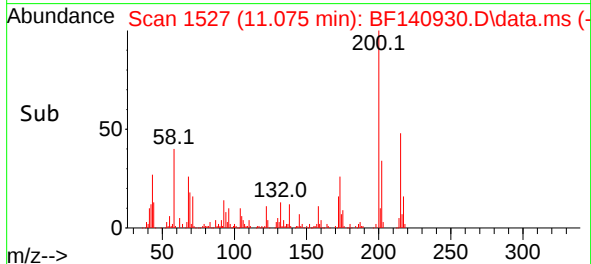
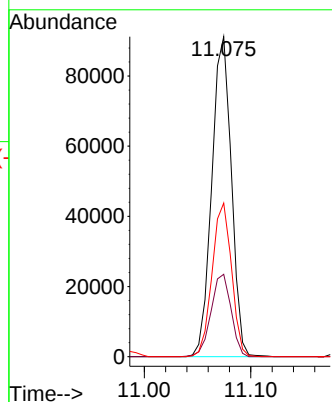
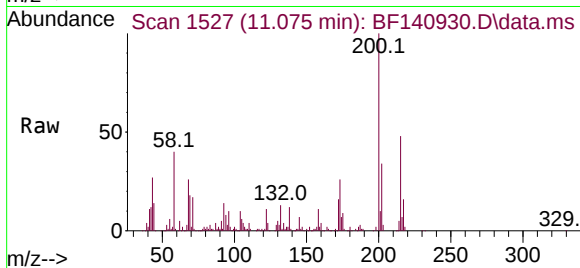
Tgt Ion:200 Resp: 116300

Ion Ratio Lower Upper

200 100

173 25.7 6.6 46.6

215 48.0 26.7 66.7



#70

Pentachlorophenol

Concen: 86.008 ng

RT: 11.192 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

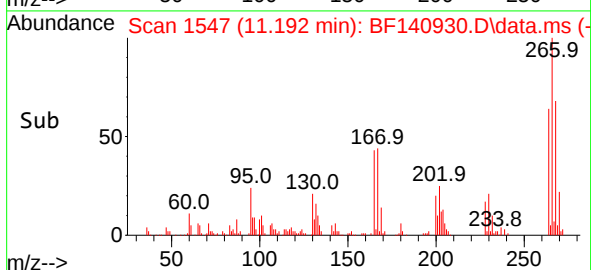
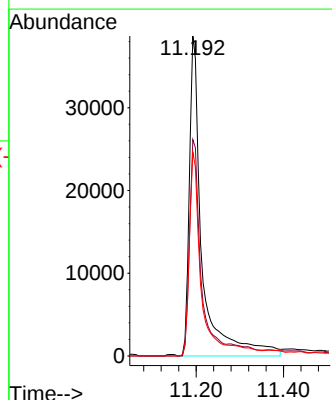
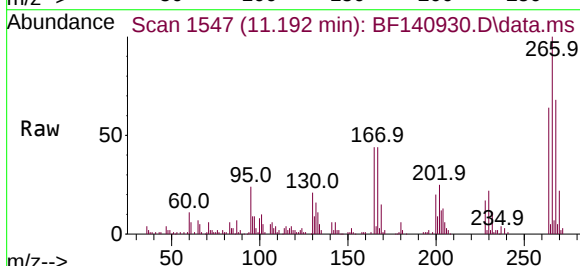
Tgt Ion:266 Resp: 78439

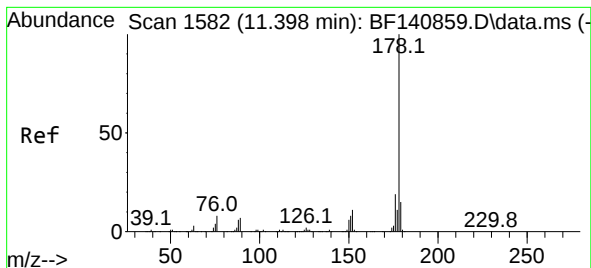
Ion Ratio Lower Upper

266 100

268 67.6 54.0 81.0

264 63.8 49.4 74.2





#71

Phenanthrene

Concen: 60.558 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

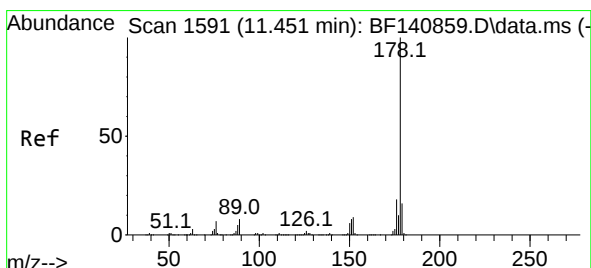
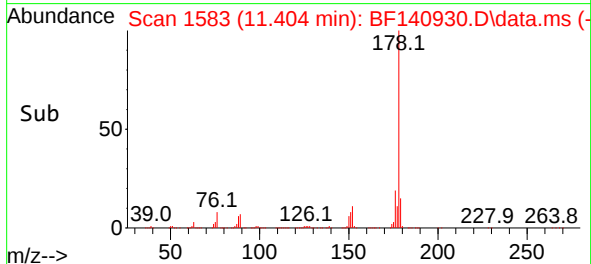
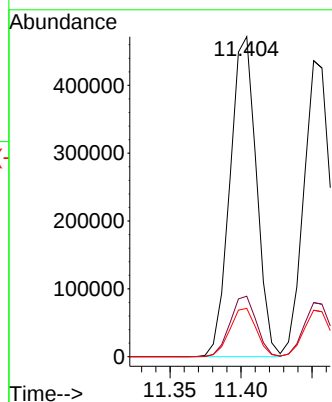
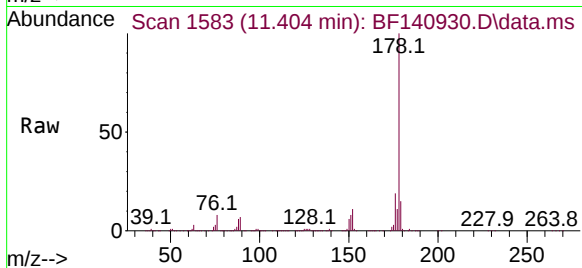
Tgt Ion:178 Resp: 612442

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 15.1 12.1 18.1



#72

Anthracene

Concen: 57.296 ng

RT: 11.451 min Scan# 1591

Delta R.T. -0.000 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

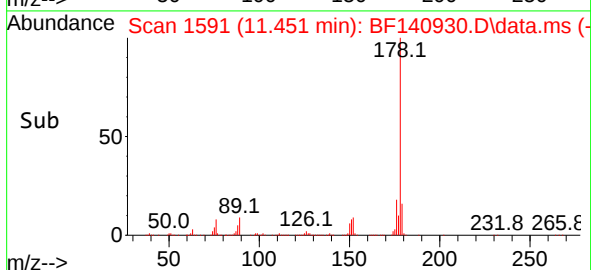
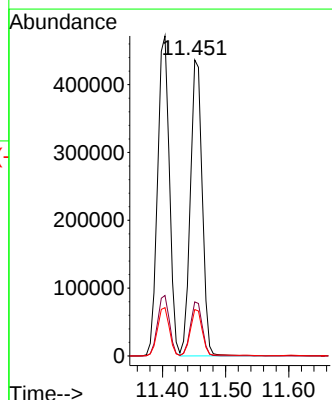
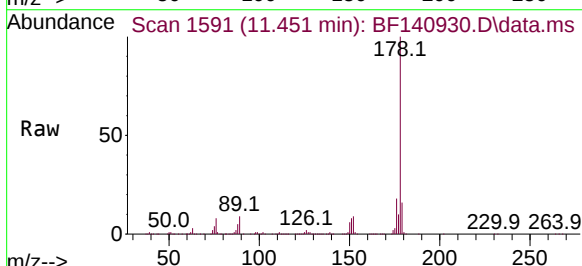
Tgt Ion:178 Resp: 570641

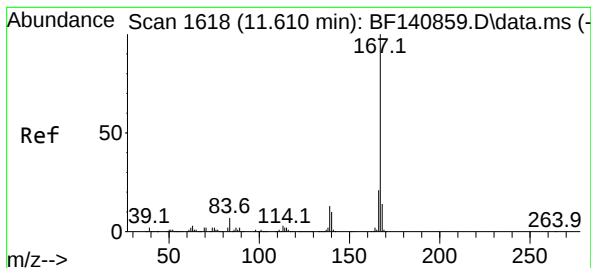
Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

179 15.7 12.6 18.8





#73

Carbazole

Concen: 50.759 ng

RT: 11.616 min Scan# 1618

Delta R.T. 0.006 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

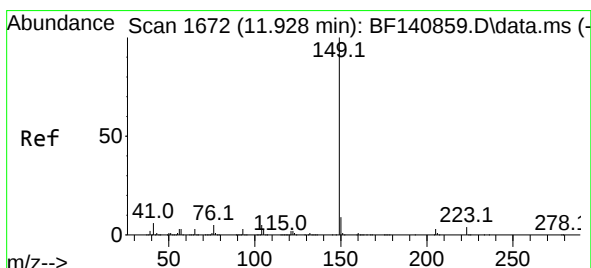
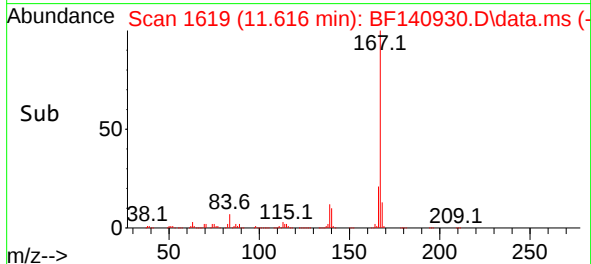
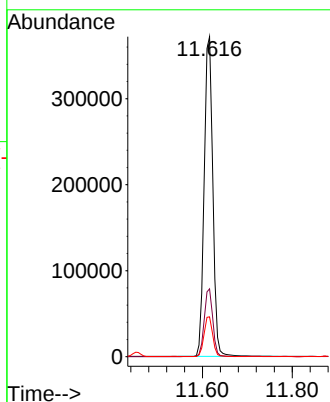
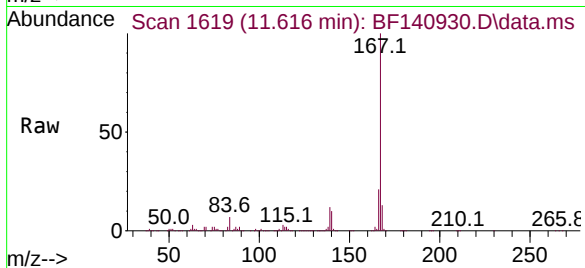
Tgt Ion:167 Resp: 495169

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.6

139 12.4 10.2 15.2



#74

Di-n-butylphthalate

Concen: 55.200 ng

RT: 11.927 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

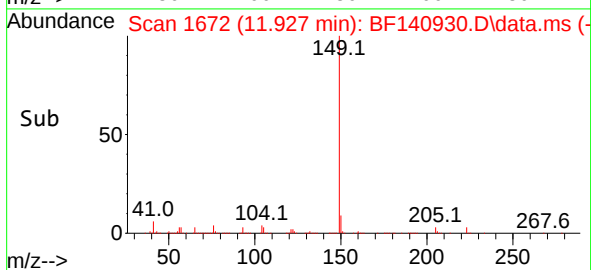
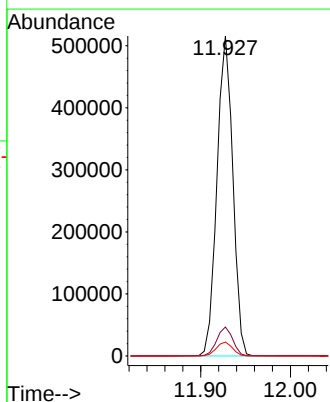
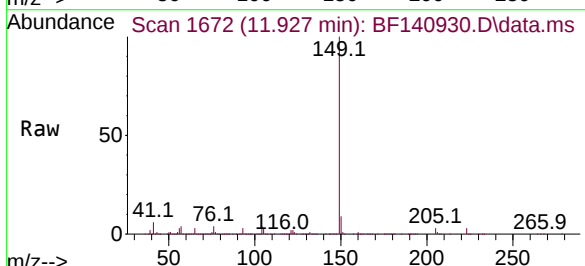
Tgt Ion:149 Resp: 631982

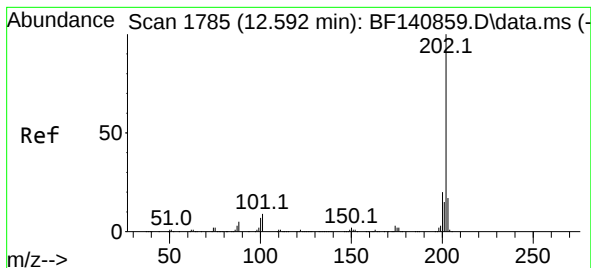
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 4.4 3.8 5.8





#75

Fluoranthene

Concen: 55.181 ng

RT: 12.592 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

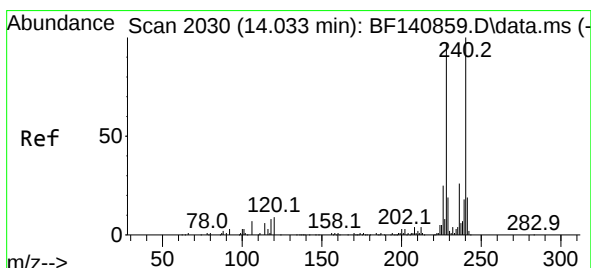
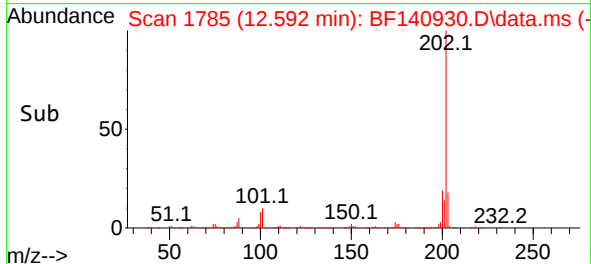
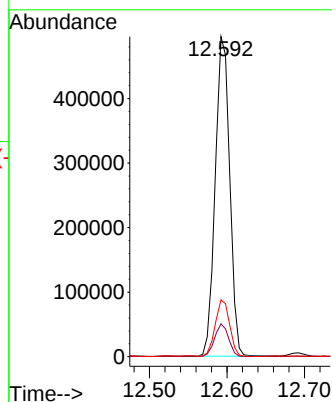
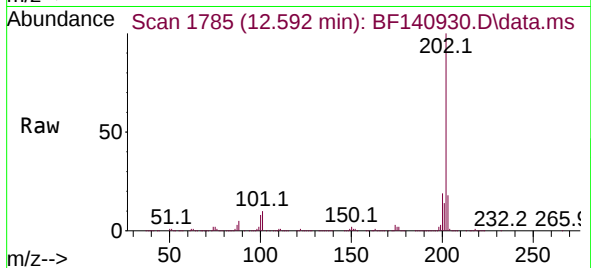
Tgt Ion:202 Resp: 642701

Ion Ratio Lower Upper

202 100

101 10.2 0.0 29.3

203 17.7 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

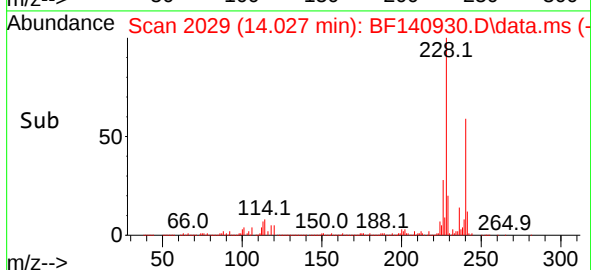
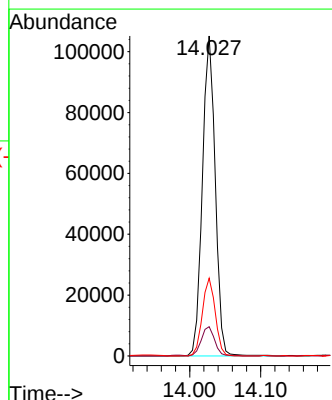
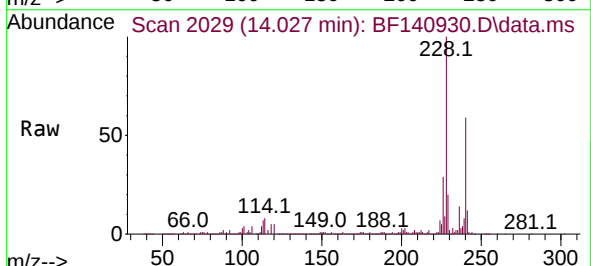
Tgt Ion:240 Resp: 132383

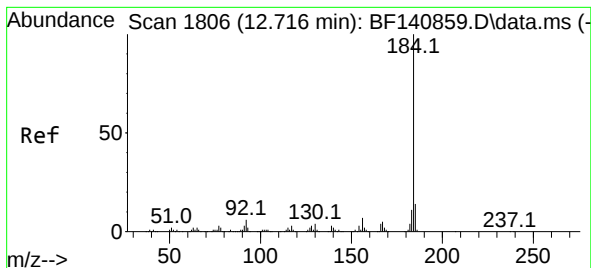
Ion Ratio Lower Upper

240 100

120 9.2 7.6 11.4

236 24.3 20.5 30.7





#77

Benzidine

Concen: 33.499 ng

RT: 12.716 min Scan# 1806

Delta R.T. -0.000 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

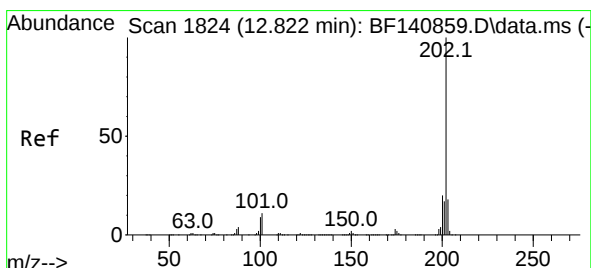
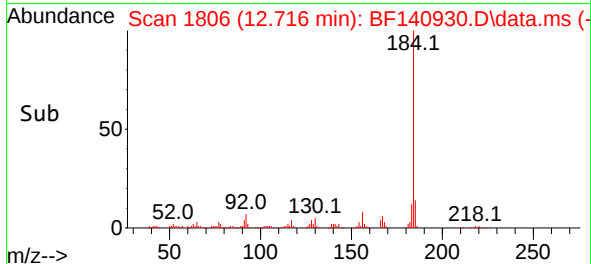
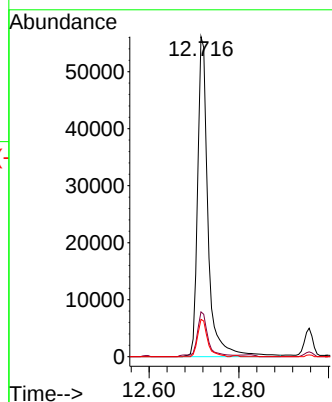
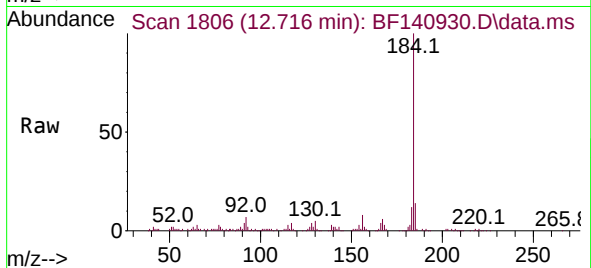
Tgt Ion:184 Resp: 90511

Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

183 11.7 9.0 13.4



#78

Pyrene

Concen: 55.763 ng

RT: 12.827 min Scan# 1825

Delta R.T. 0.006 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

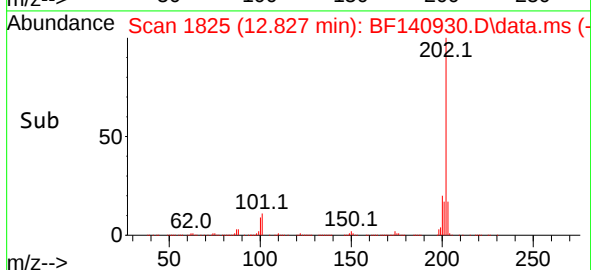
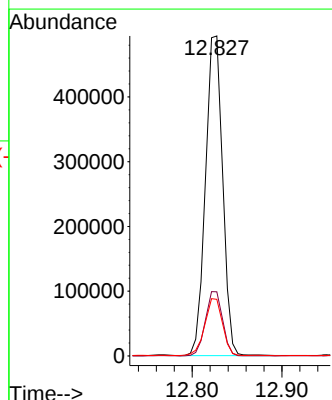
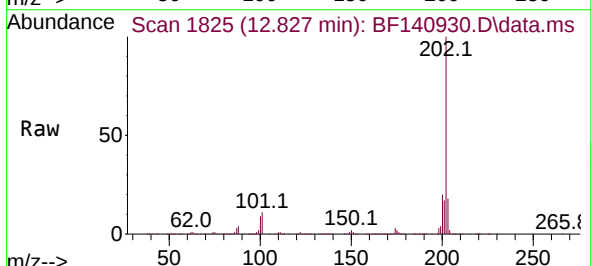
Tgt Ion:202 Resp: 656451

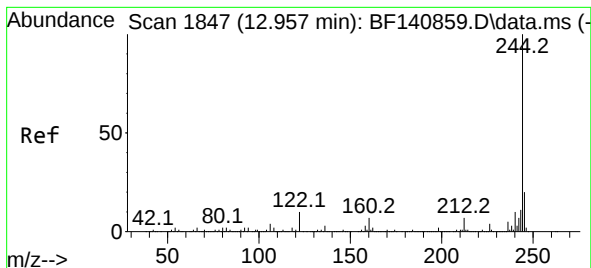
Ion Ratio Lower Upper

202 100

200 20.1 16.1 24.1

203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 51.875 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

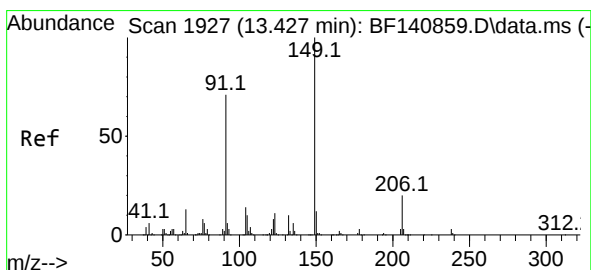
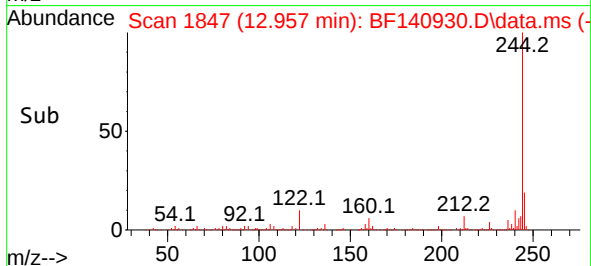
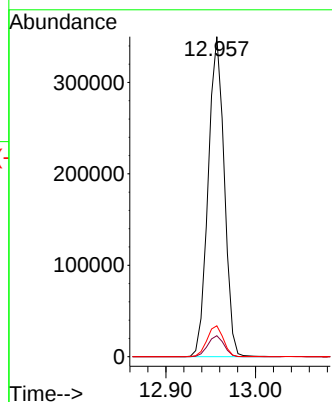
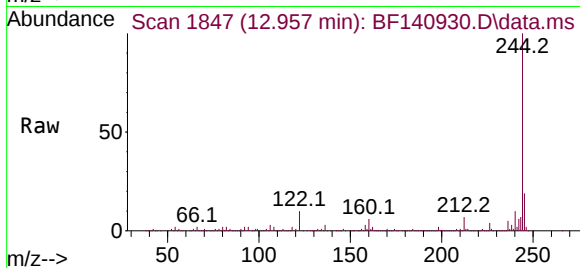
Tgt Ion:244 Resp: 435503

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 9.7 8.2 12.2



#80

Butylbenzylphthalate

Concen: 46.714 ng

RT: 13.427 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

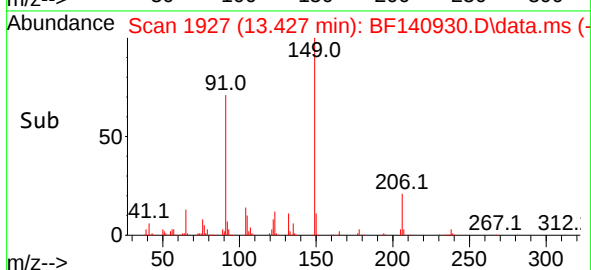
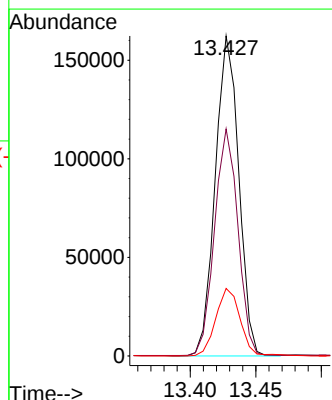
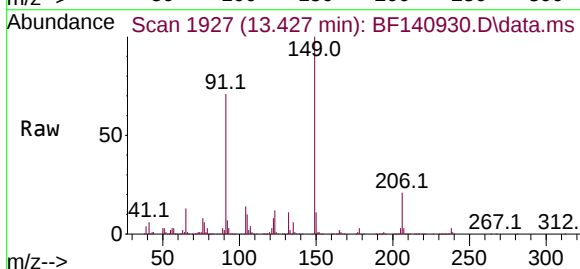
Tgt Ion:149 Resp: 202348

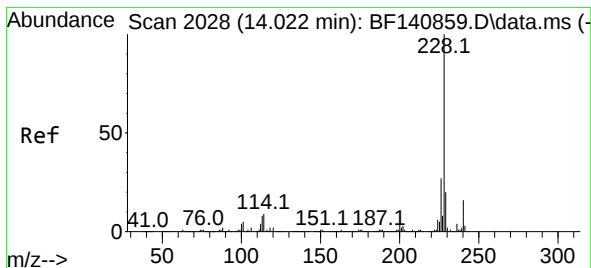
Ion Ratio Lower Upper

149 100

91 71.0 56.7 85.1

206 21.1 16.4 24.6





#81

Benzo(a)anthracene

Concen: 55.440 ng

RT: 14.016 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

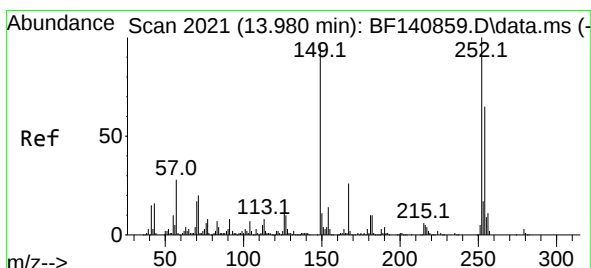
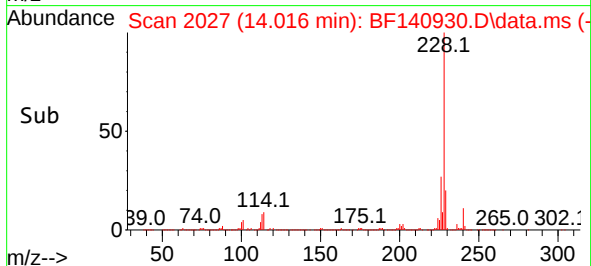
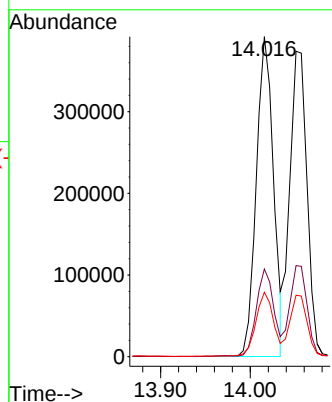
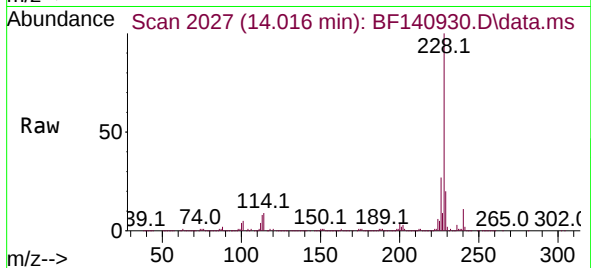
Tgt Ion:228 Resp: 520165

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 20.1 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 27.606 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

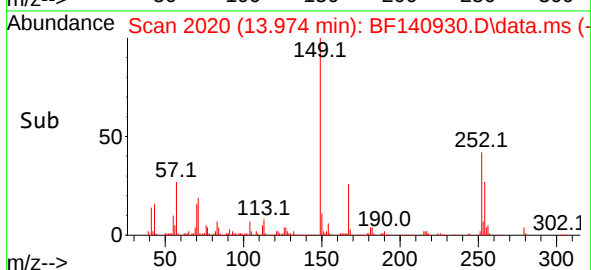
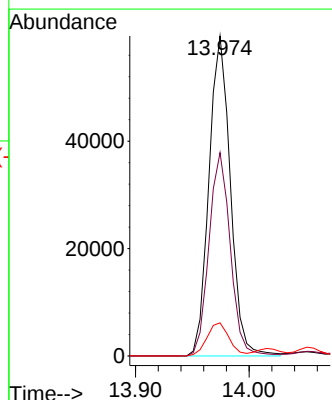
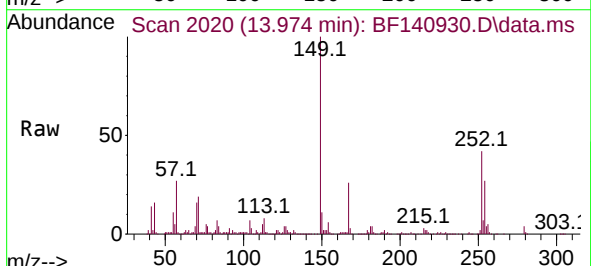
Tgt Ion:252 Resp: 78144

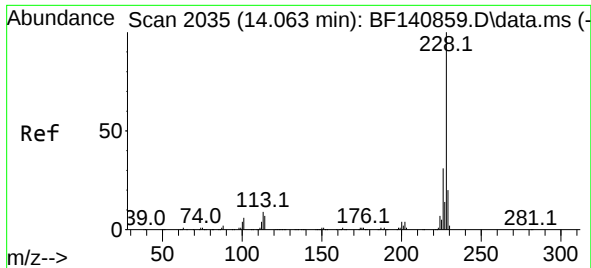
Ion Ratio Lower Upper

252 100

254 63.5 52.3 78.5

126 10.3 8.4 12.6





#83

Chrysene

Concen: 58.223 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

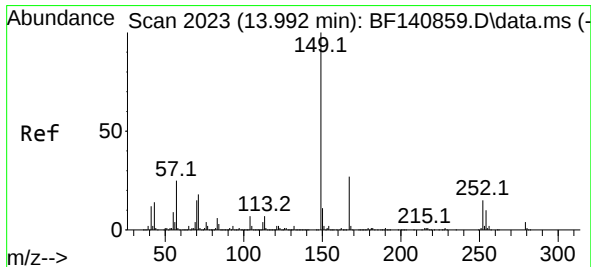
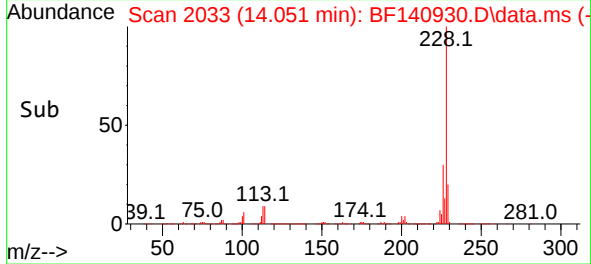
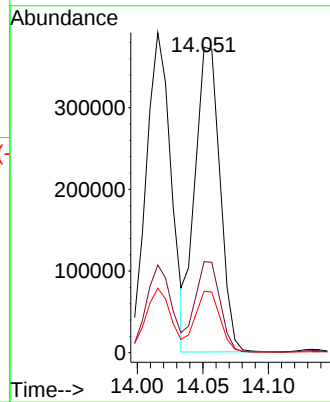
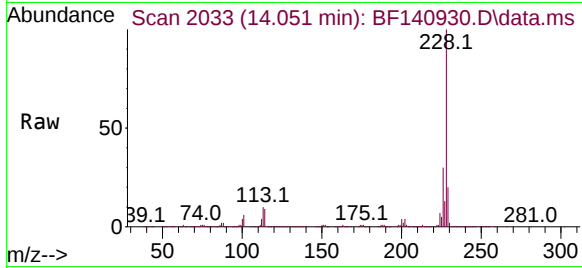
Tgt Ion:228 Resp: 496742

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 20.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.650 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.012 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

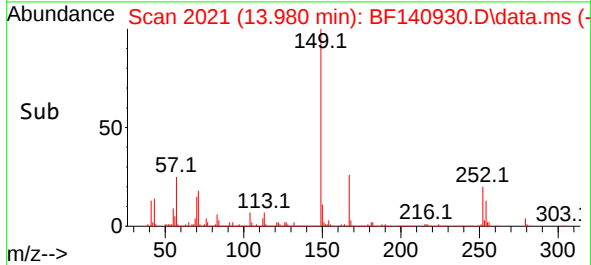
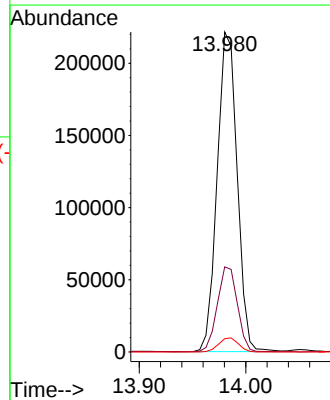
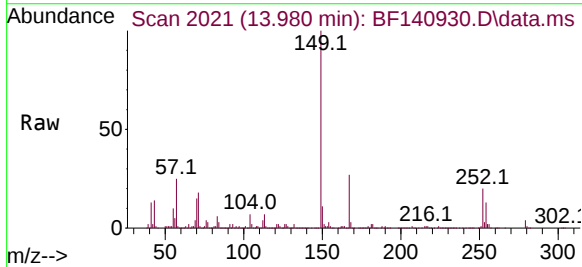
Tgt Ion:149 Resp: 288483

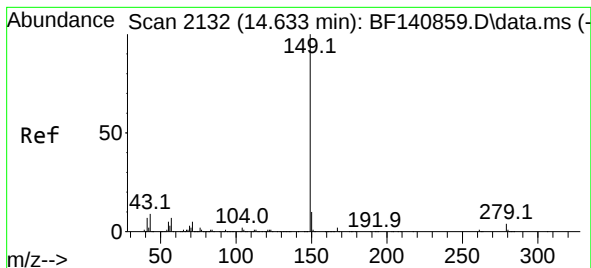
Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.8

279 4.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 60.183 ng

RT: 14.604 min Scan# 2132

Delta R.T. -0.029 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

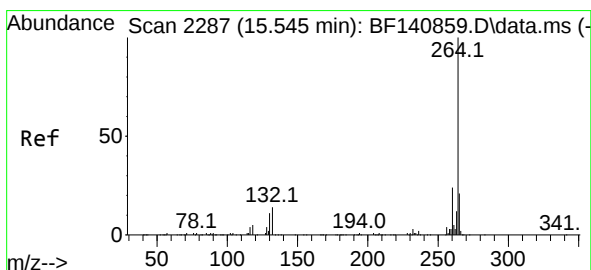
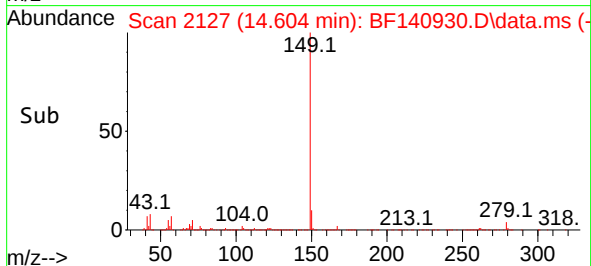
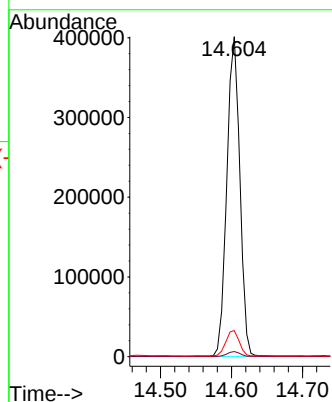
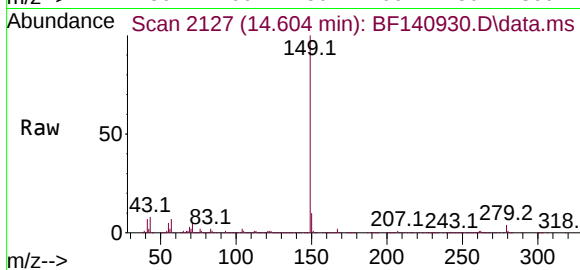
Tgt Ion:149 Resp: 508539

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.1 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2282

Delta R.T. -0.029 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

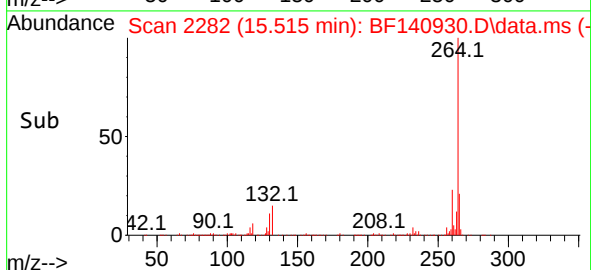
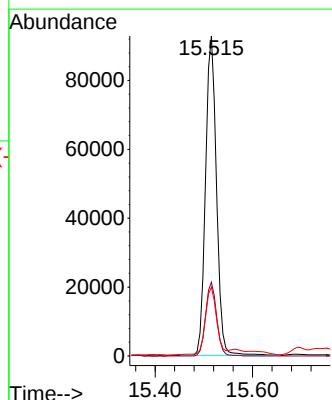
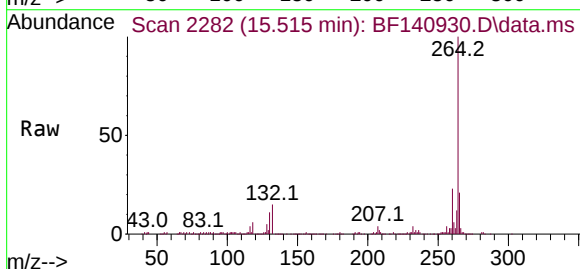
Tgt Ion:264 Resp: 144485

Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 21.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.676 ng

RT: 17.027 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

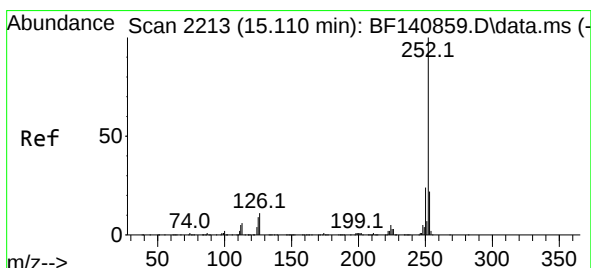
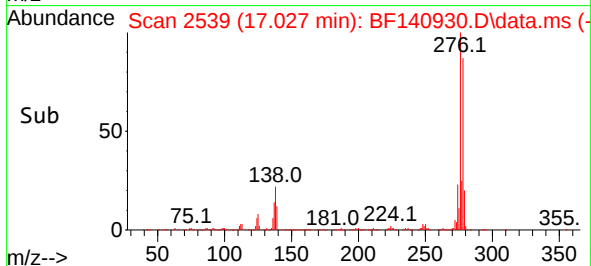
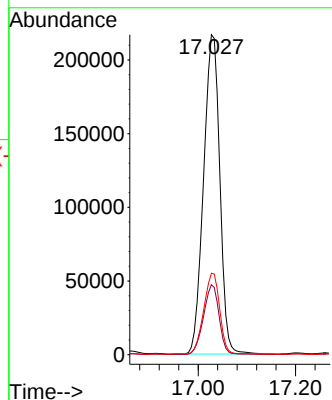
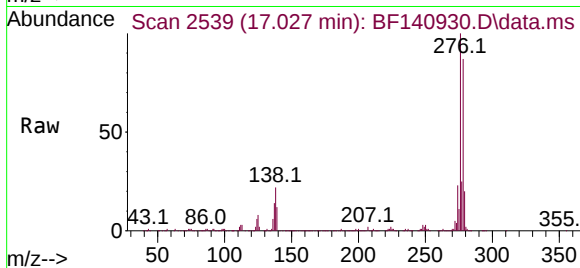
Tgt Ion:276 Resp: 501995

Ion Ratio Lower Upper

276 100

138 20.7 16.9 25.3

277 24.9 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 54.626 ng

RT: 15.080 min Scan# 2208

Delta R.T. -0.029 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

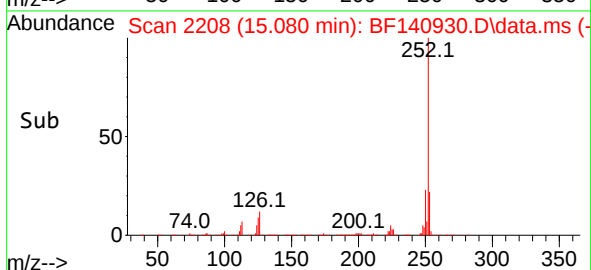
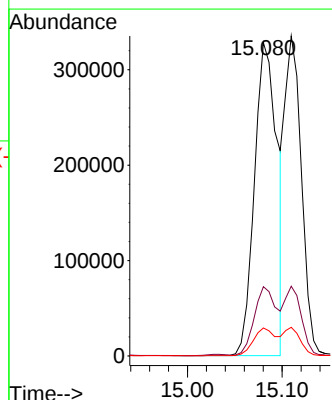
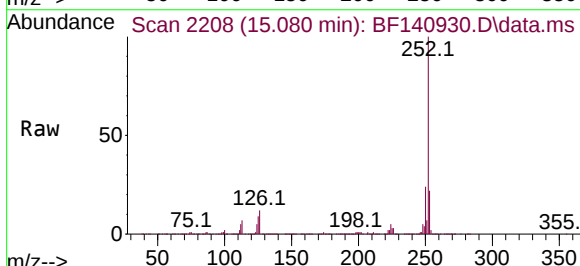
Tgt Ion:252 Resp: 547868

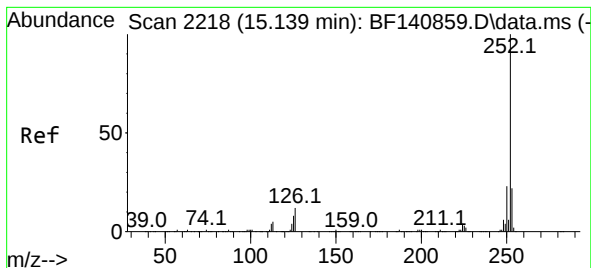
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 8.9 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 47.743 ng

RT: 15.110 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

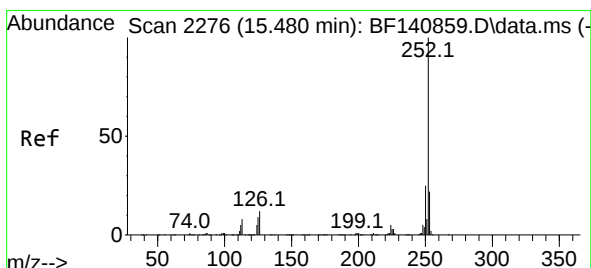
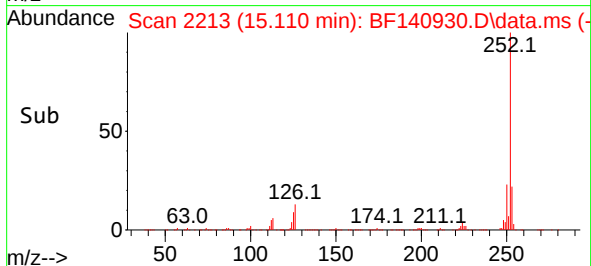
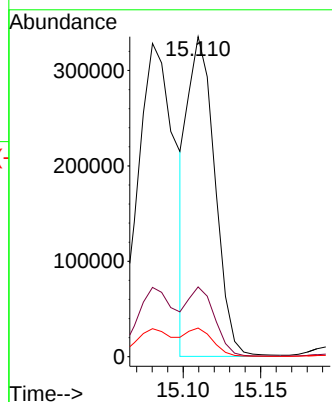
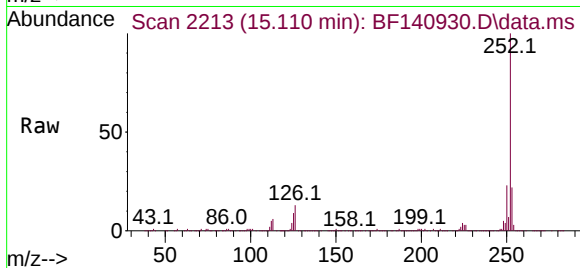
Tgt Ion:252 Resp: 410745

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.0 6.8 10.2



#90

Benzo(a)pyrene

Concen: 60.928 ng

RT: 15.457 min Scan# 2272

Delta R.T. -0.024 min

Lab File: BF140930.D

Acq: 19 Dec 2024 16:57

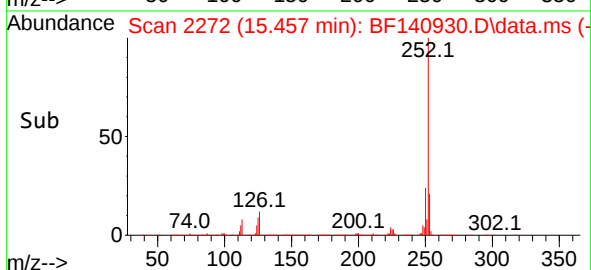
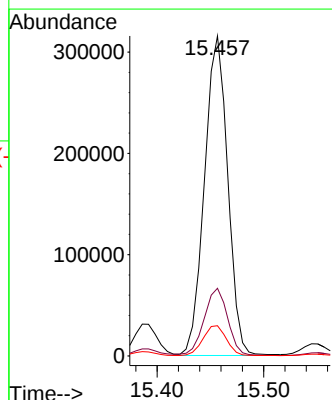
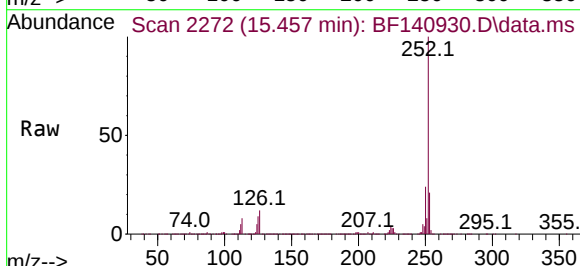
Tgt Ion:252 Resp: 478493

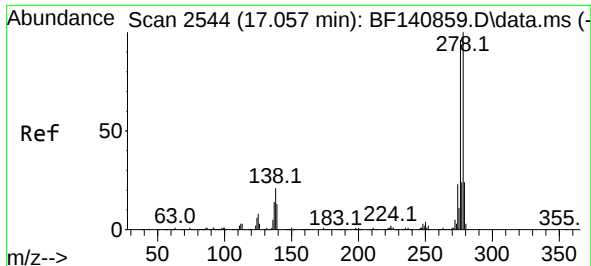
Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

125 9.5 7.5 11.3

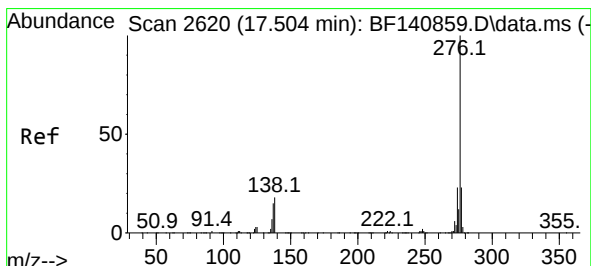
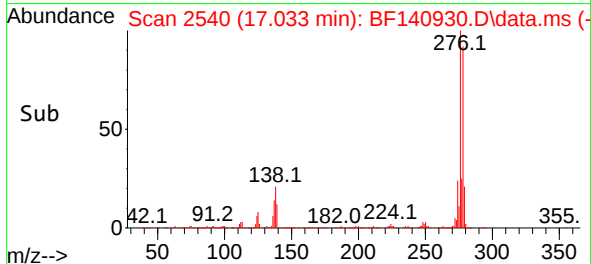
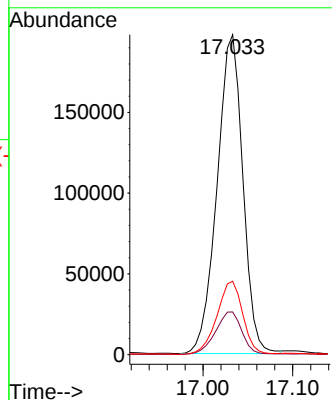
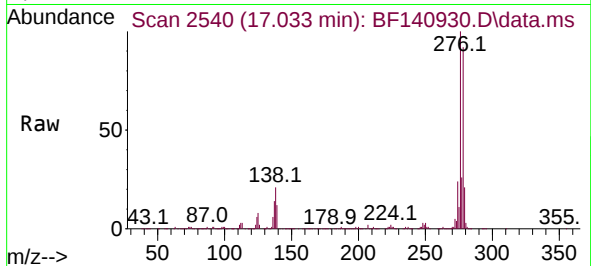




#91
Dibenzo(a,h)anthracene
Concen: 52.718 ng
RT: 17.033 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

Instrument :
BNA_F
ClientSampleId :
VNJ210MS

Tgt Ion:278 Resp: 393785
Ion Ratio Lower Upper
278 100
139 13.3 10.6 16.0
279 22.9 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 49.491 ng
RT: 17.480 min Scan# 2616
Delta R.T. -0.024 min
Lab File: BF140930.D
Acq: 19 Dec 2024 16:57

Tgt Ion:276 Resp: 376247
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 18.7 14.2 21.2

