

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142540.D
 Acq On : 23 May 2025 17:32
 Operator : RC/JU
 Sample : Q2095-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP1MS

Quant Time: May 23 17:55:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	114152	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	439036	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	231892	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	386508	20.000	ng	0.00
76) Chrysene-d12	14.069	240	208613	20.000	ng	0.00
86) Perylene-d12	15.557	264	232633	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	696648	102.817	ng	0.01
7) Phenol-d6	6.522	99	779884	95.619	ng	-0.01
23) Nitrobenzene-d5	7.457	82	579086	71.923	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	302959	117.713	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1198565	69.356	ng	-0.01
79) Terphenyl-d14	13.010	244	1126728	73.808	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.846	88	93989	34.665	ng	# 83
3) Pyridine	3.558	79	247013	35.776	ng	99
4) n-Nitrosodimethylamine	3.499	42	141743	39.539	ng	94
6) Aniline	6.563	93	276854	25.245	ng	99
8) 2-Chlorophenol	6.681	128	298121	40.395	ng	98
9) Benzaldehyde	6.446	77	85370	17.402	ng	98
10) Phenol	6.540	94	307920	33.552	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	277840	42.057	ng	98
12) 1,3-Dichlorobenzene	6.840	146	242398	29.435	ng	98
13) 1,4-Dichlorobenzene	6.916	146	252000	30.379	ng	99
14) 1,2-Dichlorobenzene	7.069	146	255880	32.237	ng	99
15) Benzyl Alcohol	7.034	79	249632	41.416	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	428303	38.606	ng	100
17) 2-Methylphenol	7.146	107	229688	39.863	ng	99
18) Hexachloroethane	7.410	117	84108	29.037	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	201097	39.783	ng	98
20) 3+4-Methylphenols	7.298	107	284882	38.609	ng	96
22) Acetophenone	7.304	105	395198	40.663	ng	98
24) Nitrobenzene	7.481	77	291736	40.175	ng	100
25) Isophorone	7.716	82	551667	40.981	ng	99
26) 2-Nitrophenol	7.793	139	163953	42.254	ng	98
27) 2,4-Dimethylphenol	7.828	122	281301	41.110	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	340174	40.453	ng	100
29) 2,4-Dichlorophenol	8.034	162	257814	41.430	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	257019	38.057	ng	98
31) Naphthalene	8.204	128	839400	38.829	ng	100
32) Benzoic acid	7.940	122	176403	42.350	ng	97
33) 4-Chloroaniline	8.245	127	121647	13.887	ng	99
34) Hexachlorobutadiene	8.316	225	149343	35.415	ng	100
35) Caprolactam	8.651	113	27566	15.772	ng	100
36) 4-Chloro-3-methylphenol	8.728	107	264436	41.464	ng	98
37) 2-Methylnaphthalene	8.892	142	540870	39.769	ng	100
38) 1-Methylnaphthalene	8.992	142	564351	40.116	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	274930	41.302	ng	98
41) Hexachlorocyclopentadiene	9.045	237	348914	77.701	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	193979	43.215	ng	97

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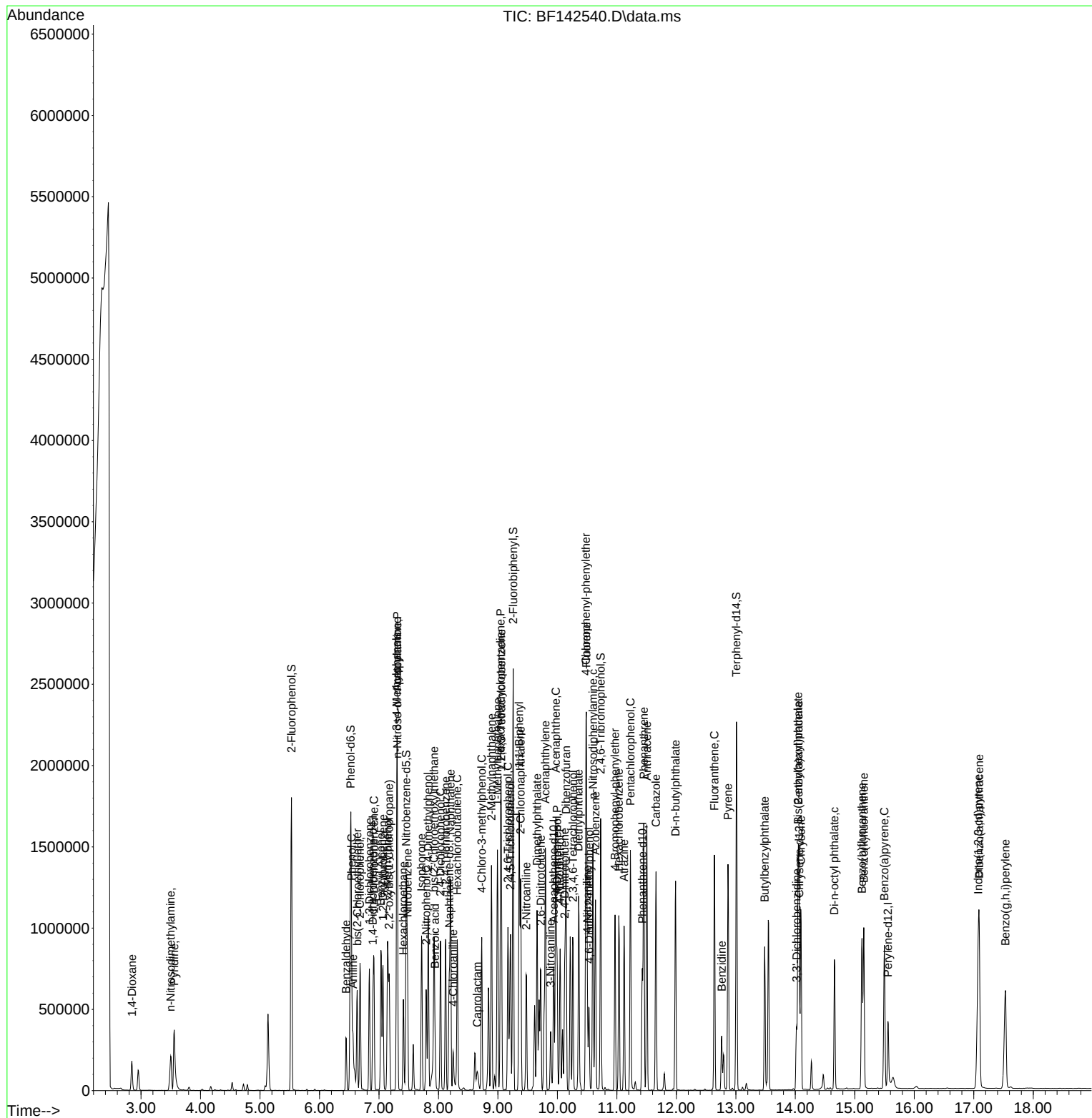
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	208142	43.968	ng	99
46) 1,1'-Biphenyl	9.357	154	760691	42.283	ng	99
47) 2-Chloronaphthalene	9.381	162	561765	42.263	ng	99
48) 2-Nitroaniline	9.475	65	168774	43.929	ng	100
49) Acenaphthylene	9.798	152	941186	41.933	ng	100
50) Dimethylphthalate	9.657	163	673979	44.048	ng	100
51) 2,6-Dinitrotoluene	9.722	165	148373	44.928	ng	96
52) Acenaphthene	9.975	154	633889	46.251	ng	99
53) 3-Nitroaniline	9.887	138	91558	25.383	ng	98
54) 2,4-Dinitrophenol	9.992	184	164371	96.339	ng	97
55) Dibenzofuran	10.145	168	823417	41.751	ng	99
56) 4-Nitrophenol	10.045	139	212122	79.701	ng	99
57) 2,4-Dinitrotoluene	10.122	165	196846	45.641	ng	98
58) Fluorene	10.486	166	642937	42.197	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	170634	43.177	ng	99
60) Diethylphthalate	10.357	149	651956	43.627	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	313845	41.931	ng	97
62) 4-Nitroaniline	10.504	138	135380	41.383	ng	98
63) Azobenzene	10.639	77	579866	43.202	ng	99
65) 4,6-Dinitro-2-methylph...	10.534	198	101668	47.134	ng	97
66) n-Nitrosodiphenylamine	10.598	169	557253	42.142	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	194175	42.487	ng	99
68) Hexachlorobenzene	11.034	284	213895	42.316	ng	99
69) Atrazine	11.122	200	172788	49.203	ng	100
70) Pentachlorophenol	11.228	266	248199	86.971	ng	99
71) Phenanthrene	11.451	178	875393	42.380	ng	100
72) Anthracene	11.504	178	910684	43.200	ng	100
73) Carbazole	11.657	167	790519	43.864	ng	100
74) Di-n-butylphthalate	11.986	149	939553	47.629	ng	99
75) Fluoranthene	12.639	202	841336	43.591	ng	98
77) Benzidine	12.763	184	223396	28.777	ng	99
78) Pyrene	12.869	202	829894	42.645	ng	100
80) Butylbenzylphthalate	13.486	149	294143	54.701	ng	98
81) Benzo(a)anthracene	14.057	228	598145	42.939	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	119170	28.205	ng	98
83) Chrysene	14.092	228	562661	44.951	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	366700	53.270	ng	99
85) Di-n-octyl phthalate	14.657	149	563712	41.881	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	741483	42.456	ng	99
88) Benzo(b)fluoranthene	15.121	252	579586	42.096	ng	99
89) Benzo(k)fluoranthene	15.151	252	568808	44.109	ng	99
90) Benzo(a)pyrene	15.498	252	569480	43.880	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	594524	41.972	ng	98
92) Benzo(g,h,i)perylene	17.533	276	594788	41.982	ng	98

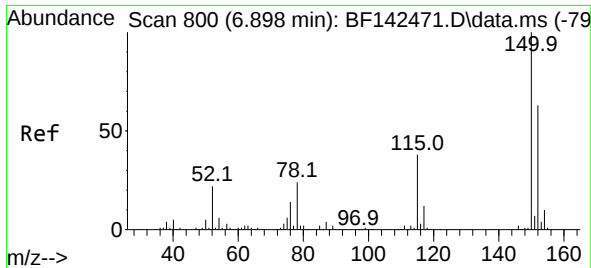
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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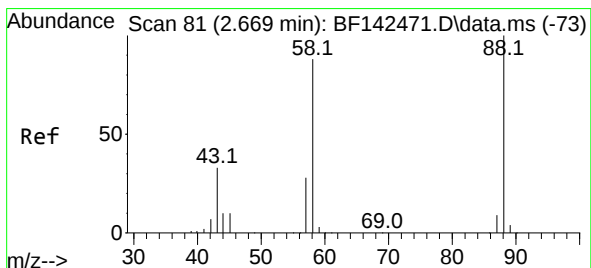
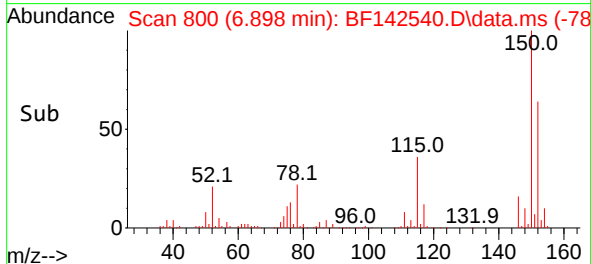
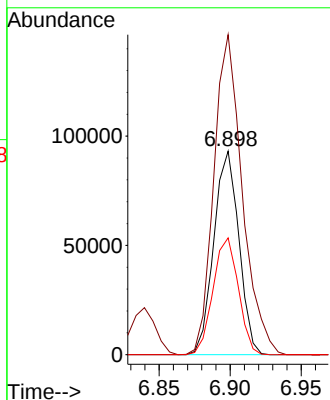
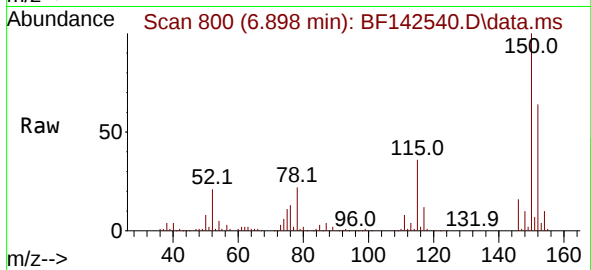




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142540.D
 Acq: 23 May 2025 17:32

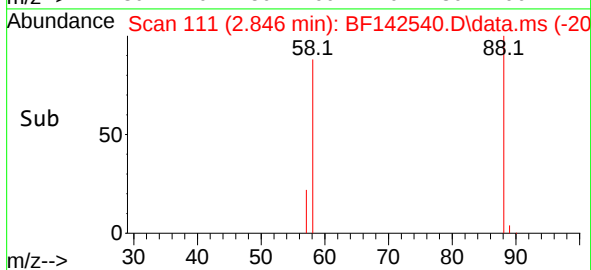
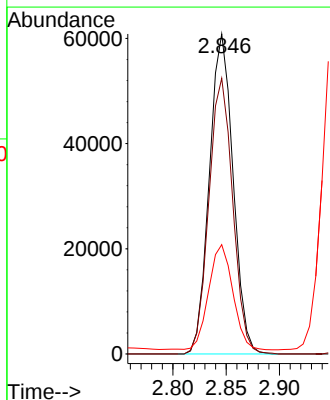
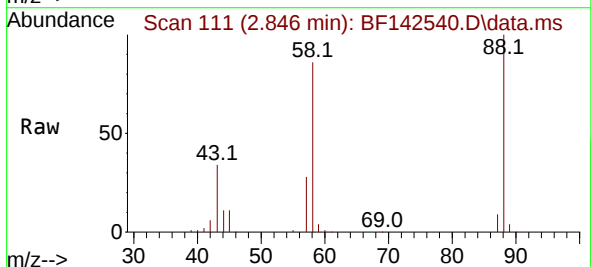
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP1MS

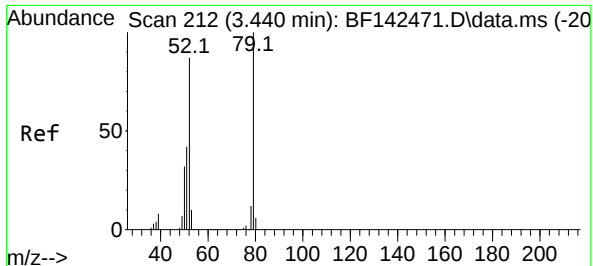
Tgt Ion:152 Resp: 114152
 Ion Ratio Lower Upper
 152 100
 150 157.2 128.2 192.4
 115 57.4 48.3 72.5



#2
 1,4-Dioxane
 Concen: 34.665 ng
 RT: 2.846 min Scan# 111
 Delta R.T. 0.183 min
 Lab File: BF142540.D
 Acq: 23 May 2025 17:32

Tgt Ion: 88 Resp: 93989
 Ion Ratio Lower Upper
 88 100
 58 86.7 70.8 106.2
 43 0.0 26.6 40.0#

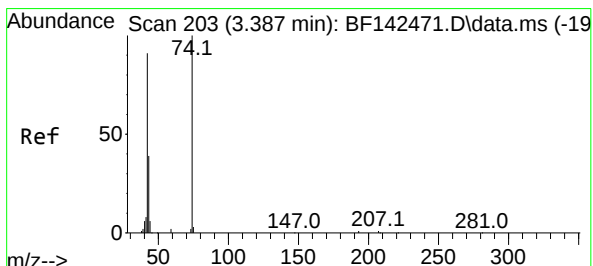
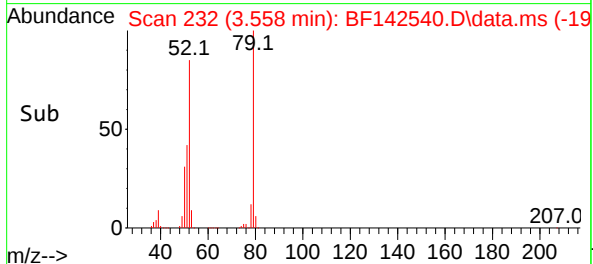
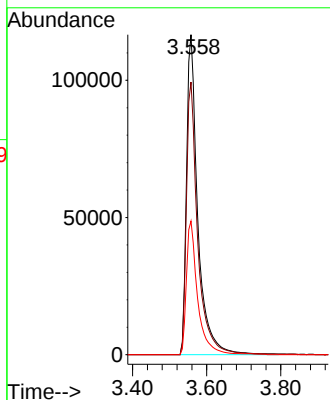
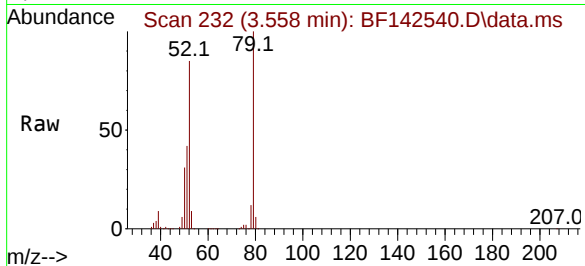




#3
Pyridine
Concen: 35.776 ng
RT: 3.558 min Scan# 212
Delta R.T. 0.118 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

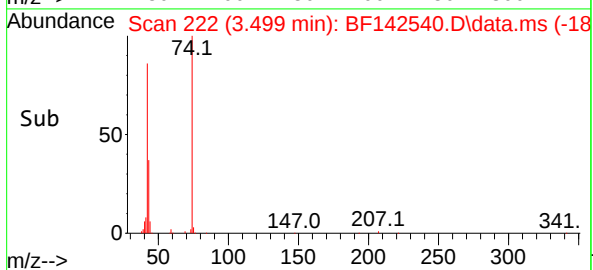
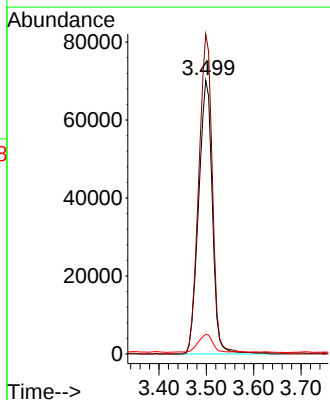
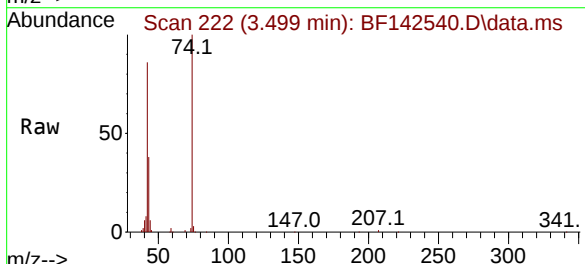
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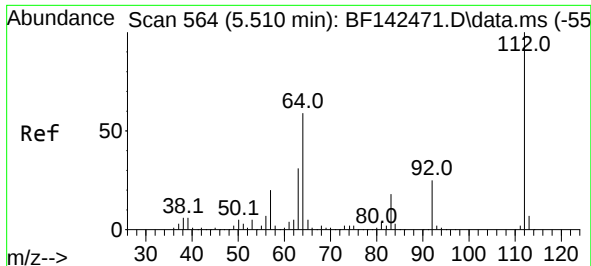
Tgt Ion: 79 Resp: 247013
Ion Ratio Lower Upper
79 100
52 85.2 69.2 103.8
51 41.8 33.3 49.9



#4
n-Nitrosodimethylamine
Concen: 39.539 ng
RT: 3.499 min Scan# 222
Delta R.T. 0.094 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion: 42 Resp: 141743
Ion Ratio Lower Upper
42 100
74 116.9 88.2 132.4
44 7.2 5.4 8.2

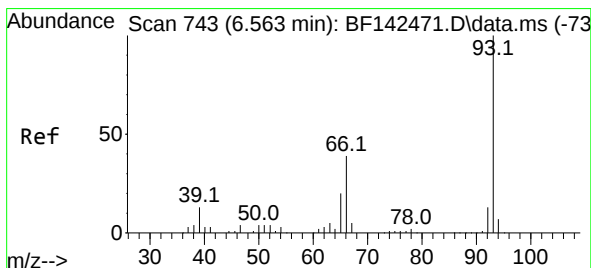
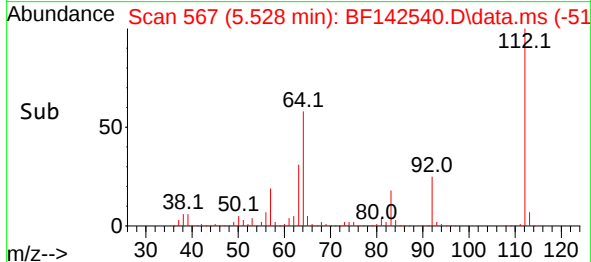
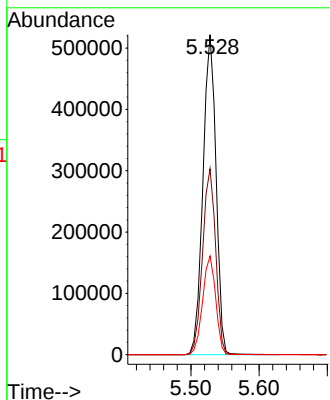
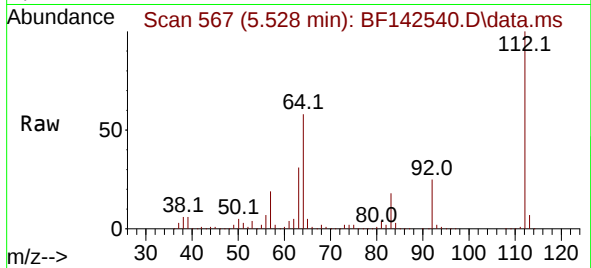




#5
2-Fluorophenol
Concen: 102.817 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

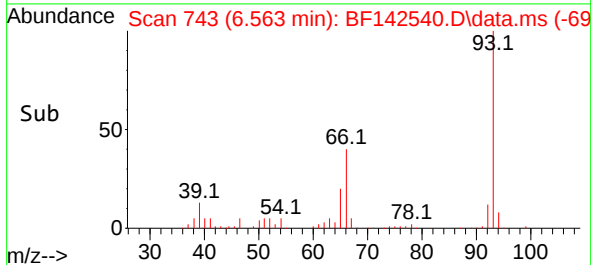
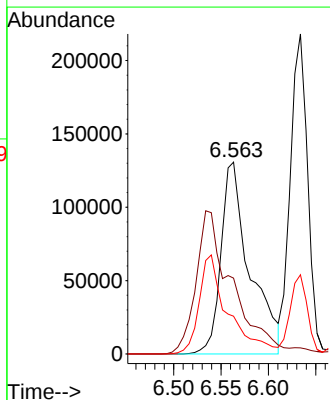
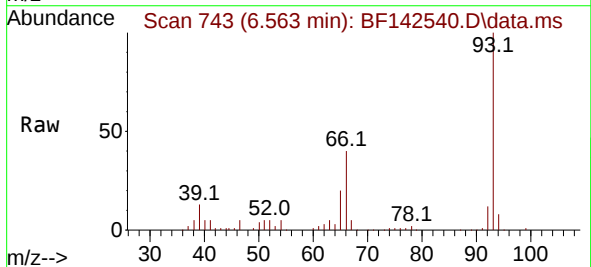
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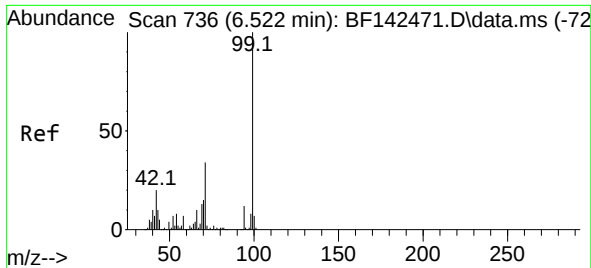
Tgt Ion:112 Resp: 696648
Ion Ratio Lower Upper
112 100
64 58.1 47.5 71.3
63 30.9 24.9 37.3



#6
Aniline
Concen: 25.245 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion: 93 Resp: 276854
Ion Ratio Lower Upper
93 100
66 39.5 32.0 48.0
65 19.7 16.1 24.1

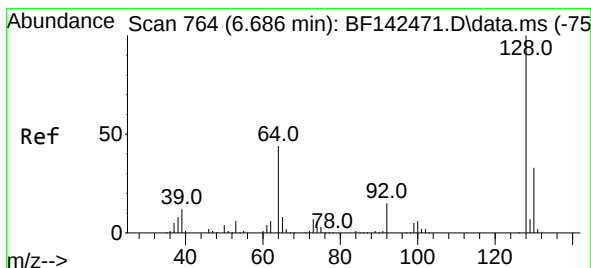
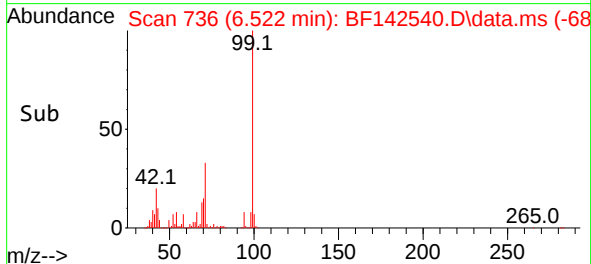
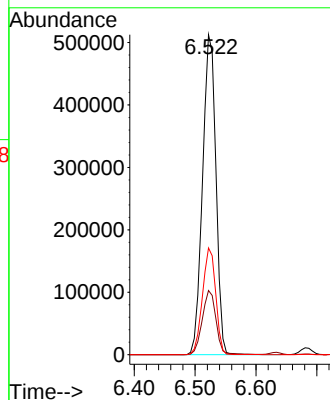
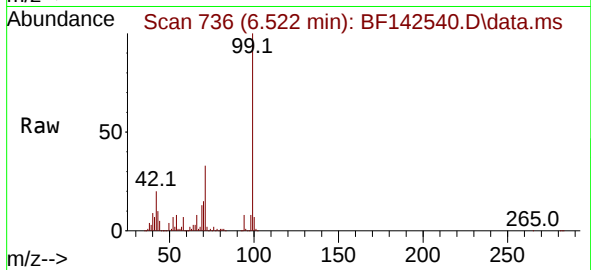




#7
Phenol-d6
Concen: 95.619 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

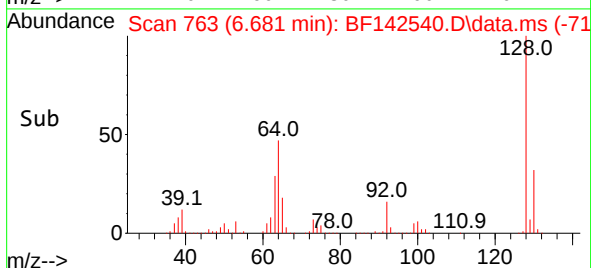
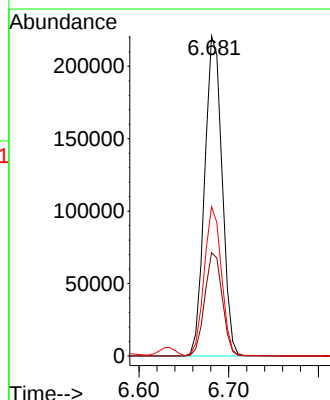
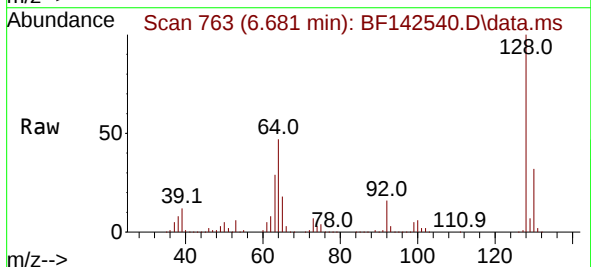
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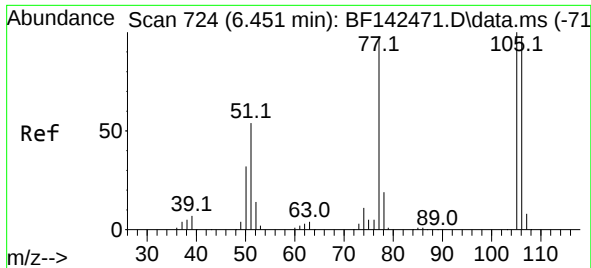
Tgt Ion: 99 Resp: 779884
Ion Ratio Lower Upper
99 100
42 20.1 16.2 24.2
71 33.4 27.3 40.9



#8
2-Chlorophenol
Concen: 40.395 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:128 Resp: 298121
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 46.6 25.1 65.1





#9

Benzaldehyde

Concen: 17.402 ng

RT: 6.446 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS

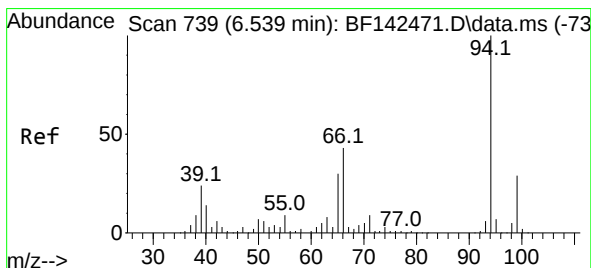
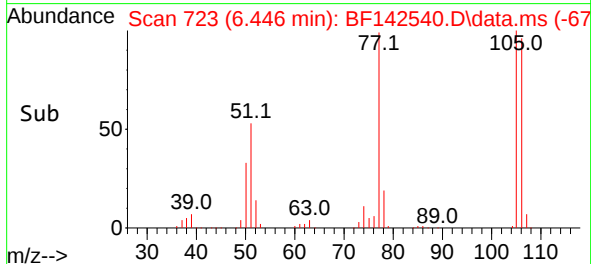
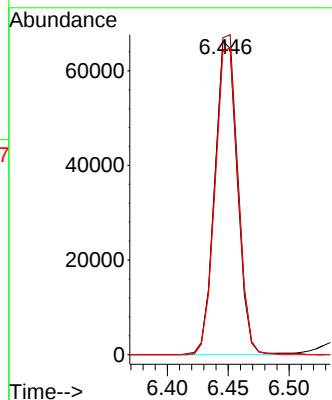
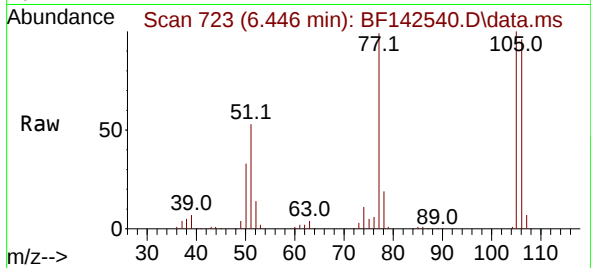
Tgt Ion: 77 Resp: 85370

Ion Ratio Lower Upper

77 100

105 101.1 82.5 122.5

106 96.8 80.0 120.0



#10

Phenol

Concen: 33.552 ng

RT: 6.540 min Scan# 739

Delta R.T. -0.011 min

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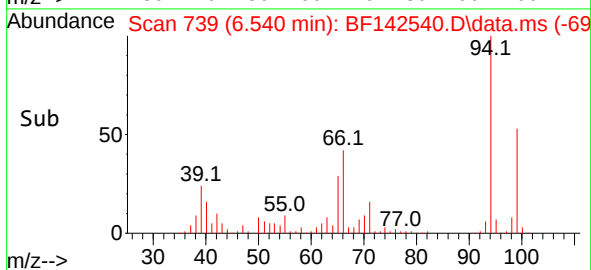
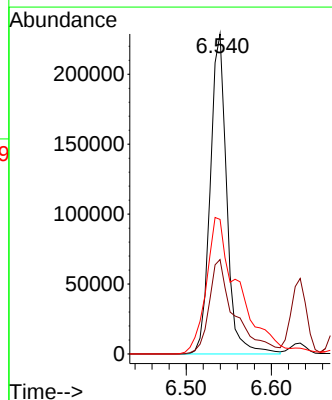
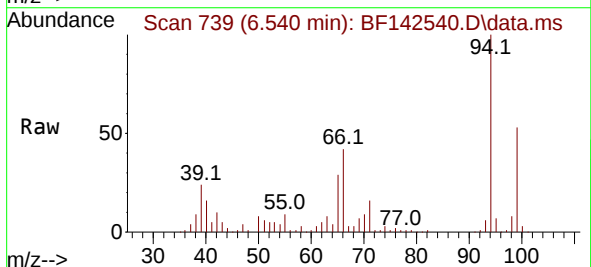
Tgt Ion: 94 Resp: 307920

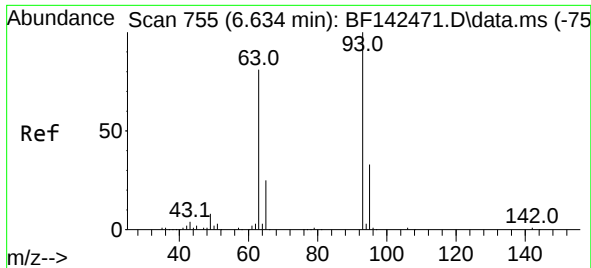
Ion Ratio Lower Upper

94 100

65 29.5 10.3 50.3

66 42.1 22.6 62.6

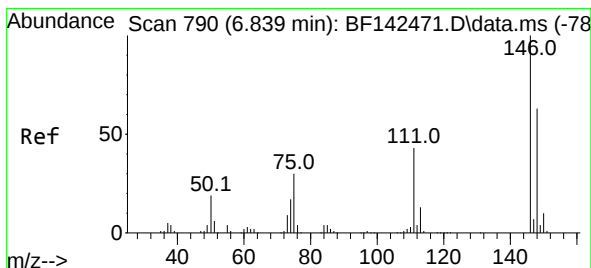
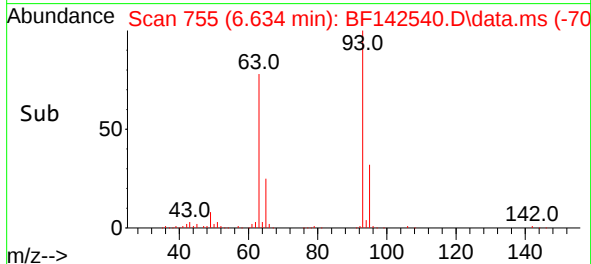
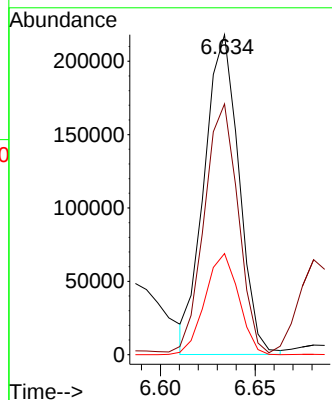
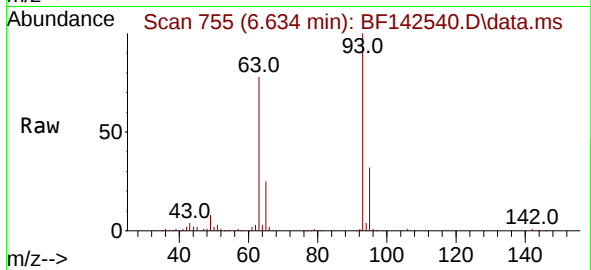




#11
bis(2-Chloroethyl)ether
Concen: 42.057 ng
RT: 6.634 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

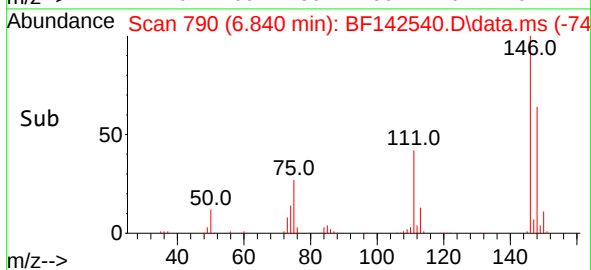
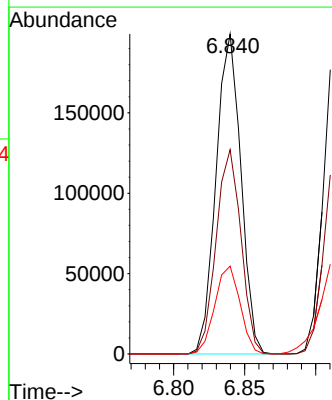
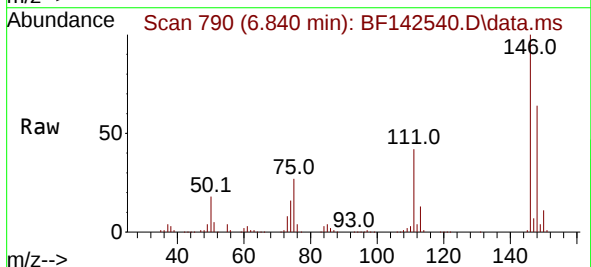
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

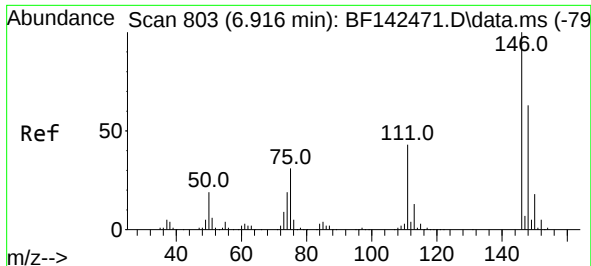
Tgt Ion: 93 Resp: 277840
Ion Ratio Lower Upper
93 100
63 78.3 60.2 100.2
95 31.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 29.435 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:146 Resp: 242398
Ion Ratio Lower Upper
146 100
148 63.8 50.6 75.8
75 27.4 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 30.379 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS

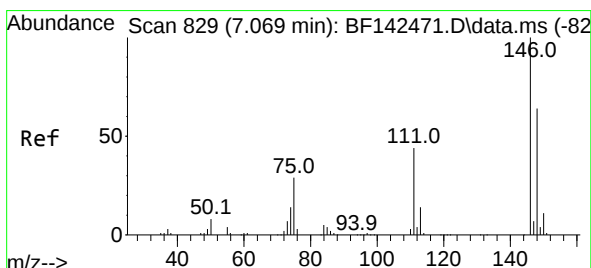
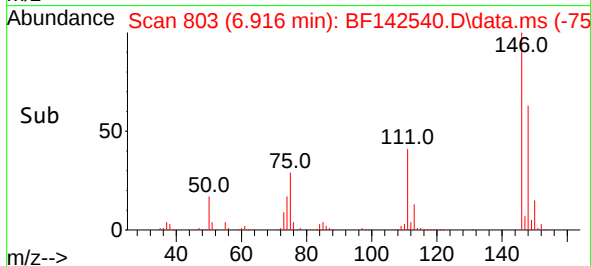
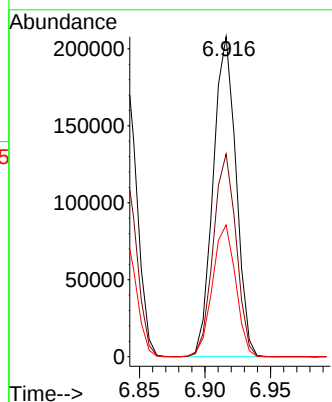
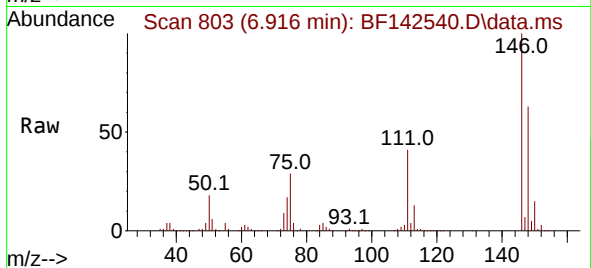
Tgt Ion:146 Resp: 252000

Ion Ratio Lower Upper

146 100

148 63.3 50.4 75.6

111 41.2 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 32.237 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

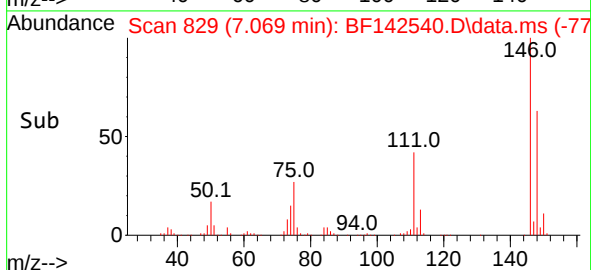
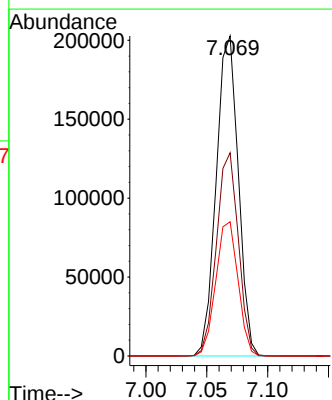
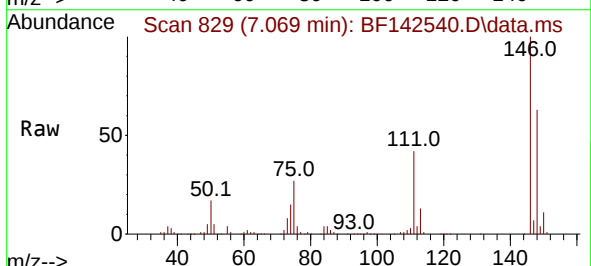
Tgt Ion:146 Resp: 255880

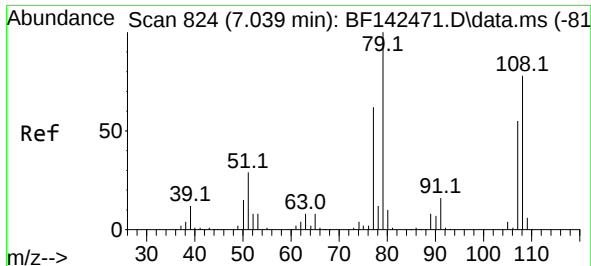
Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.4

111 41.9 35.0 52.6

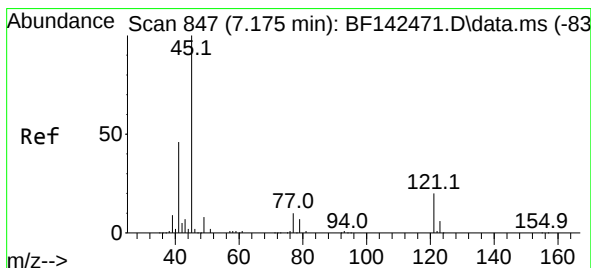
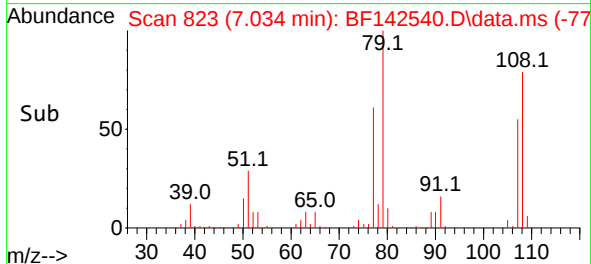
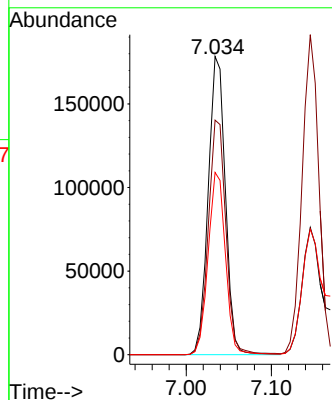
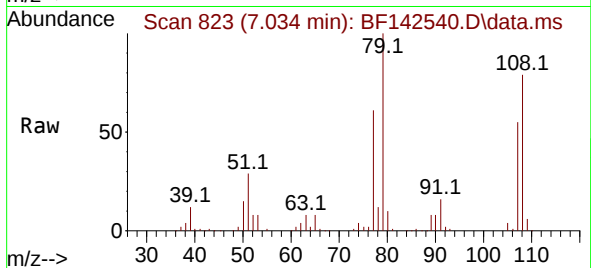




#15
Benzyl Alcohol
Concen: 41.416 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

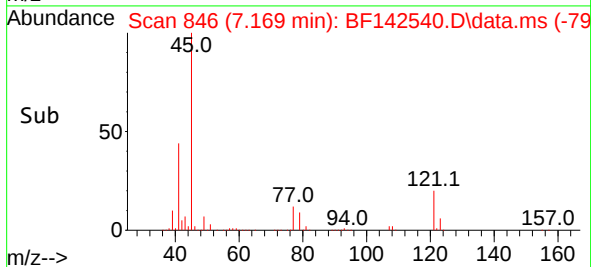
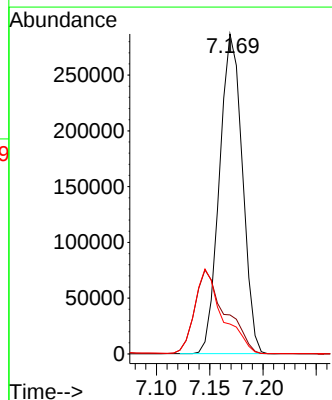
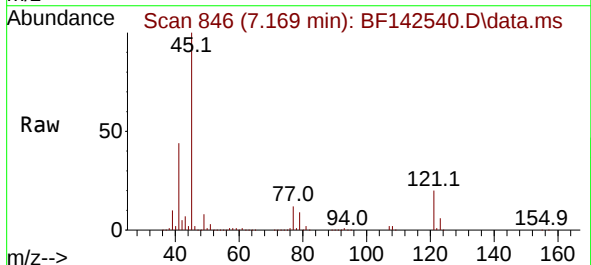
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

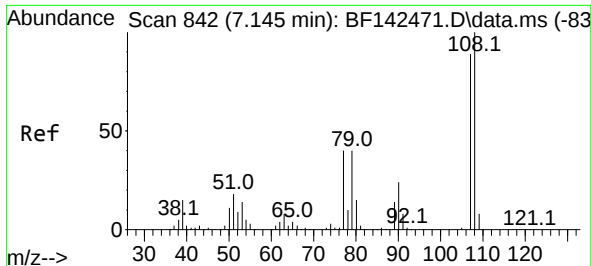
Tgt Ion: 79 Resp: 249632
Ion Ratio Lower Upper
79 100
108 78.6 62.1 93.1
77 61.1 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.606 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion: 45 Resp: 428303
Ion Ratio Lower Upper
45 100
77 12.2 0.0 32.0
79 9.3 0.0 29.2

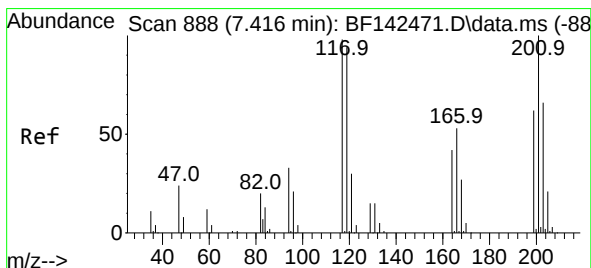
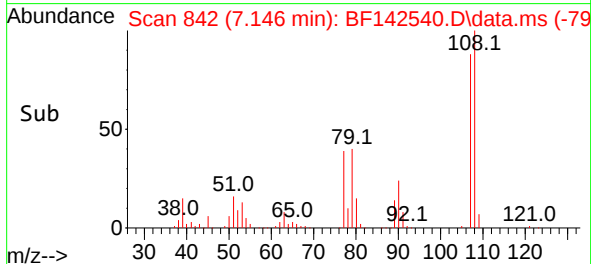
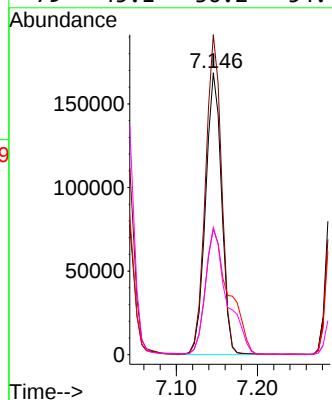
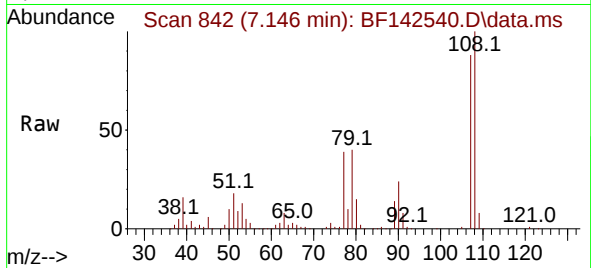




#17
2-Methylphenol
Concen: 39.863 ng
RT: 7.146 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

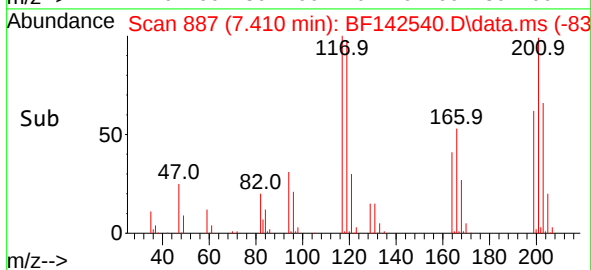
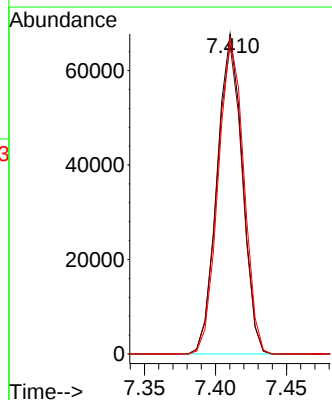
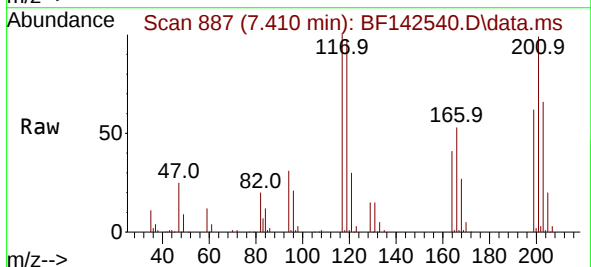
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

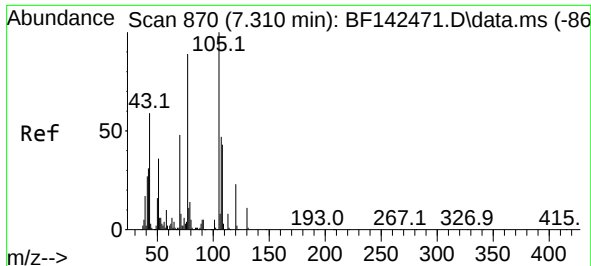
Tgt Ion:107 Resp: 229688
Ion Ratio Lower Upper
107 100
108 113.5 90.2 135.2
77 44.6 36.1 54.1
79 45.1 36.2 54.4



#18
Hexachloroethane
Concen: 29.037 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:117 Resp: 84108
Ion Ratio Lower Upper
117 100
119 96.6 76.6 114.8
201 98.7 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 39.783 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.017 min

Lab File: BF142540.D

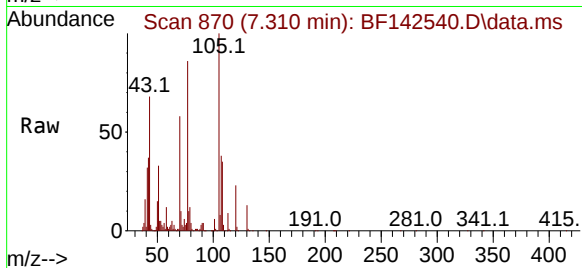
Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS



Tgt Ion: 70 Resp: 201097

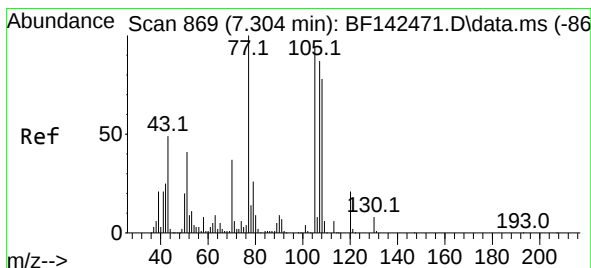
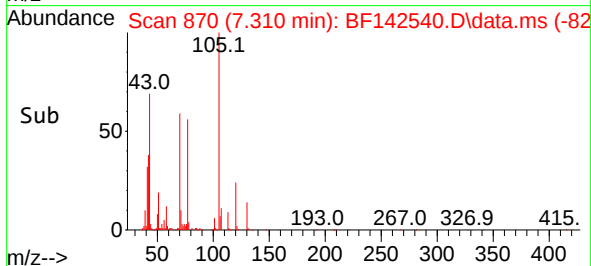
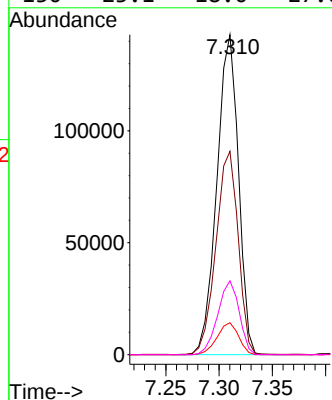
Ion Ratio Lower Upper

70 100

42 63.6 52.4 78.6

101 10.0 7.8 11.8

130 23.1 18.0 27.0



#20

3+4-Methylphenols

Concen: 38.609 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.012 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

Tgt Ion: 107 Resp: 284882

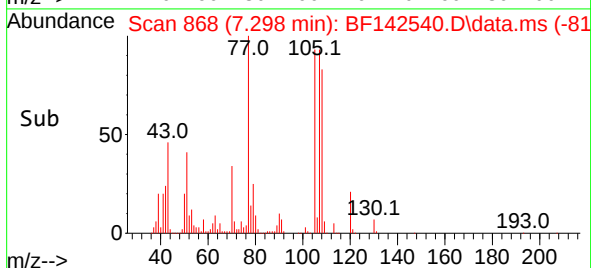
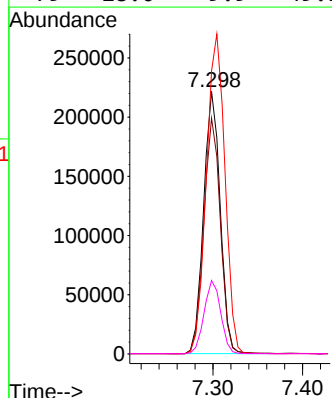
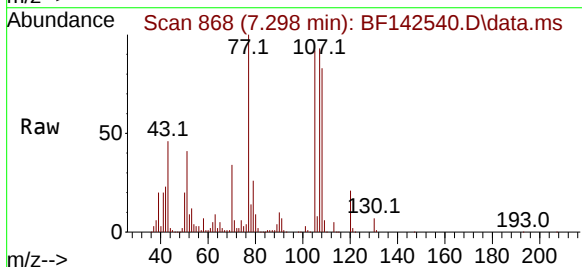
Ion Ratio Lower Upper

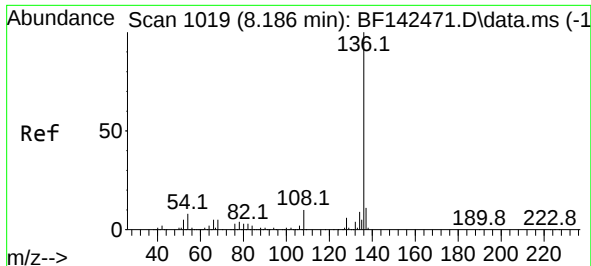
107 100

108 89.9 70.4 110.4

77 107.9 95.4 135.4

79 28.0 9.9 49.9



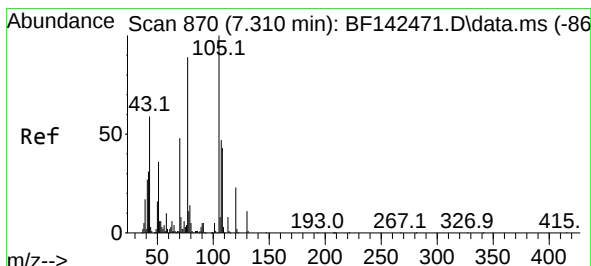
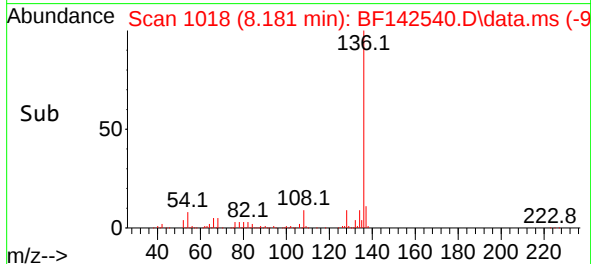
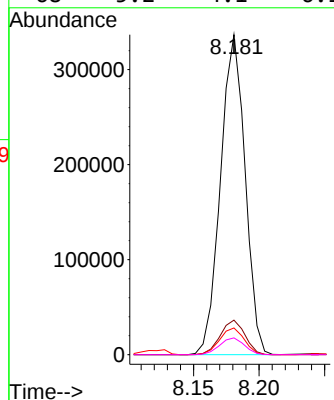
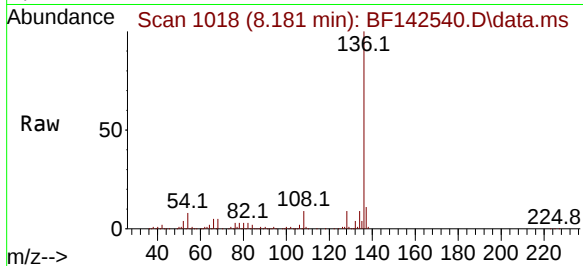


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

Tgt Ion:136 Resp: 439036

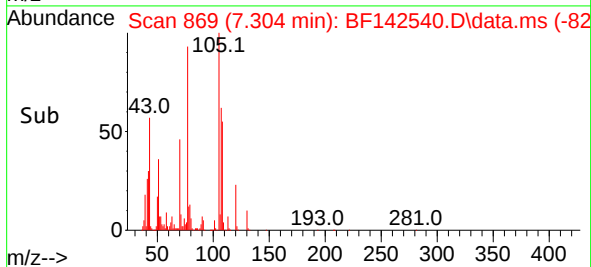
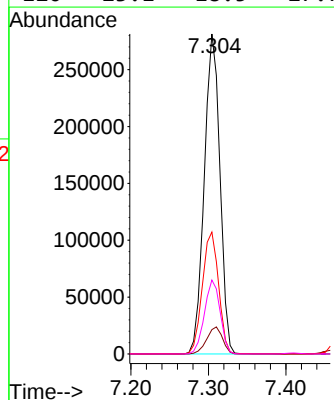
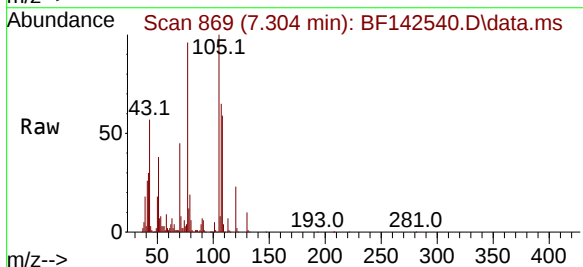
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.4	6.6	10.0
68	5.2	4.1	6.1

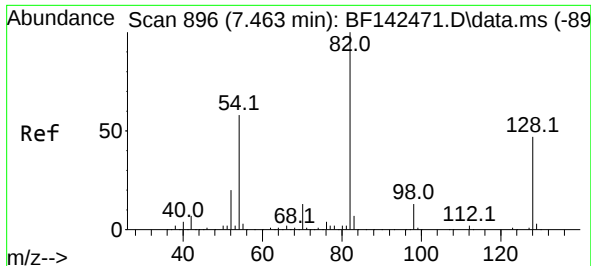


#22
Acetophenone
Concen: 40.663 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:105 Resp: 395198

Ion	Ratio	Lower	Upper
105	100		
71	7.6	6.4	9.6
51	38.1	28.6	42.8
120	23.1	18.5	27.7





#23

Nitrobenzene-d5

Concen: 71.923 ng

RT: 7.457 min Scan# 896

Delta R.T. -0.017 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS

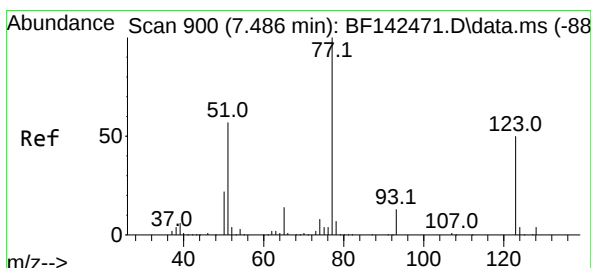
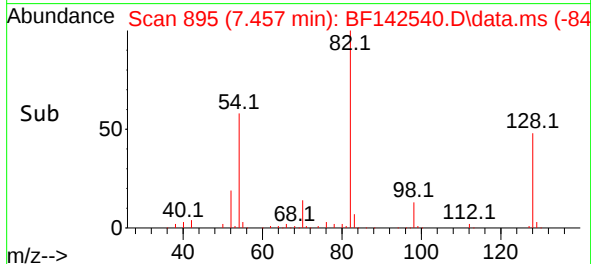
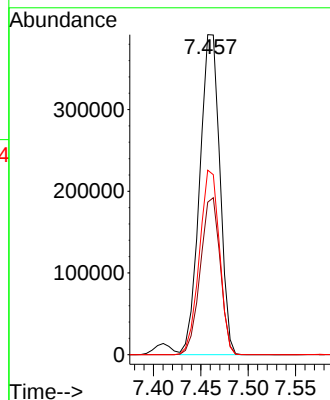
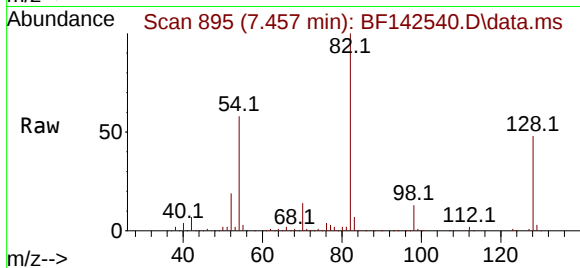
Tgt Ion: 82 Resp: 579086

Ion Ratio Lower Upper

82 100

128 47.6 37.4 56.2

54 57.6 46.6 70.0



#24

Nitrobenzene

Concen: 40.175 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.011 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

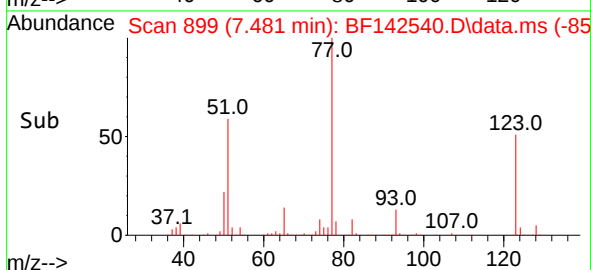
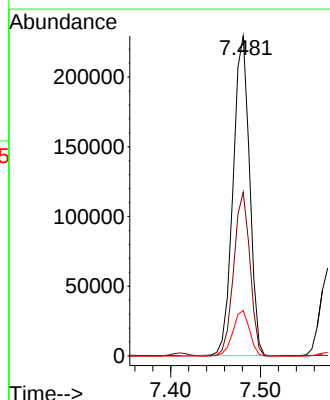
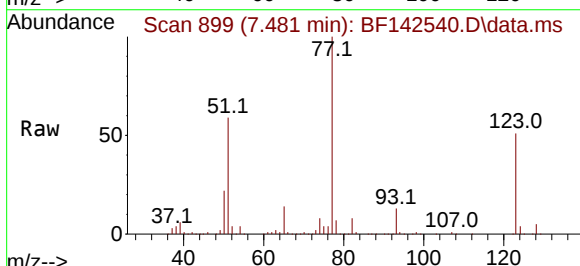
Tgt Ion: 77 Resp: 291736

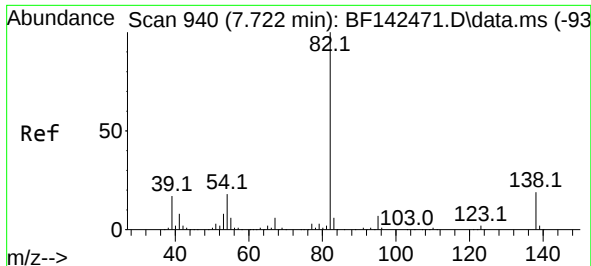
Ion Ratio Lower Upper

77 100

123 51.2 40.6 61.0

65 14.2 11.4 17.2

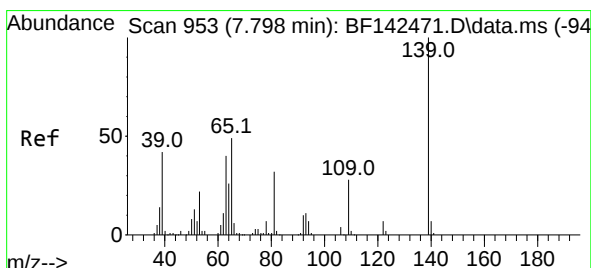
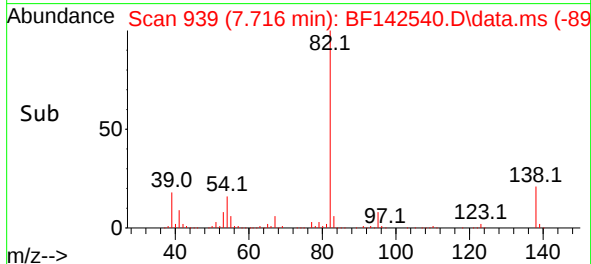
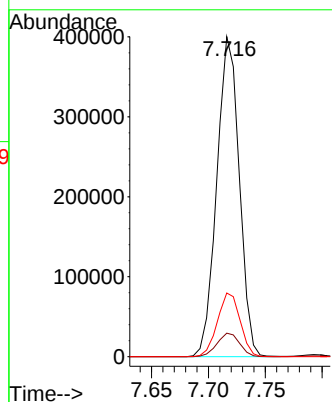
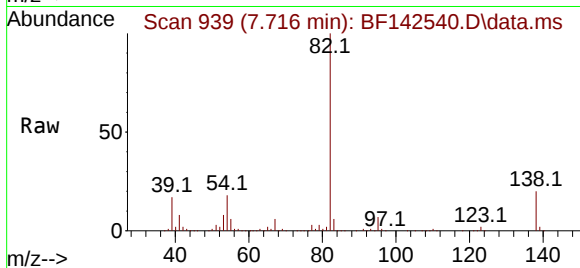




#25
Isophorone
Concen: 40.981 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

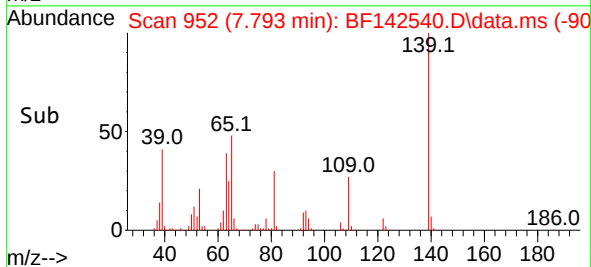
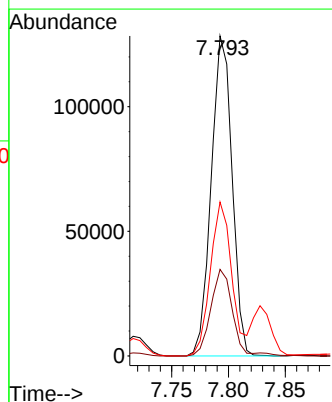
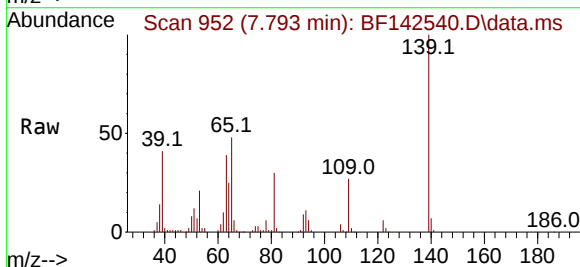
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

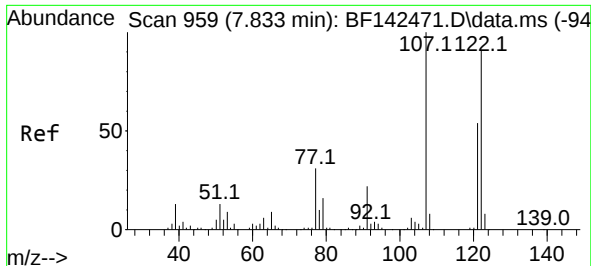
Tgt Ion: 82 Resp: 551667
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 19.9 15.5 23.3



#26
2-Nitrophenol
Concen: 42.254 ng
RT: 7.793 min Scan# 952
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:139 Resp: 163953
Ion Ratio Lower Upper
139 100
109 27.1 22.6 33.8
65 48.1 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 41.110 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.011 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS

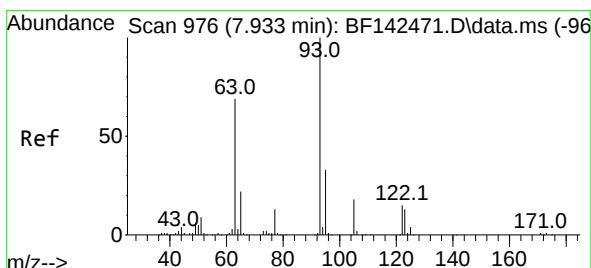
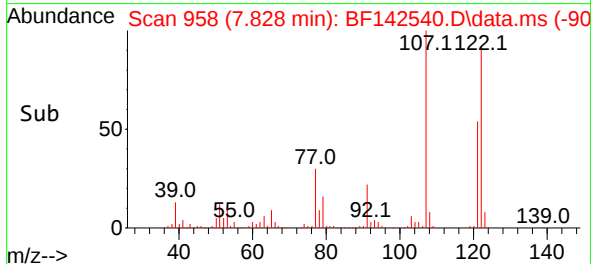
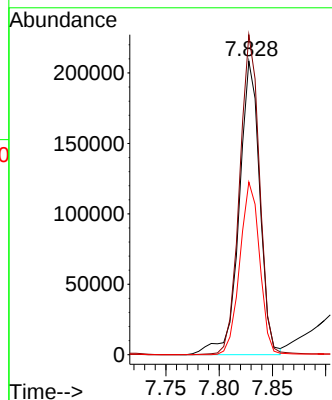
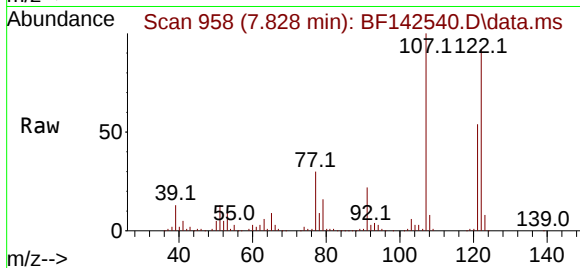
Tgt Ion:122 Resp: 281301

Ion Ratio Lower Upper

122 100

107 109.0 88.1 132.1

121 58.8 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 40.453 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.011 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

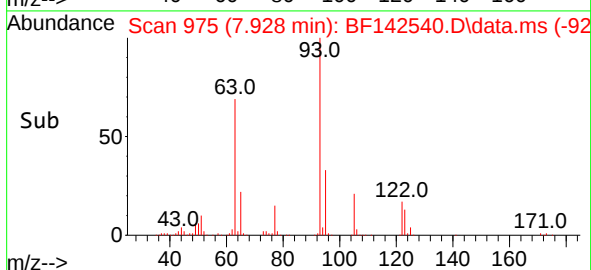
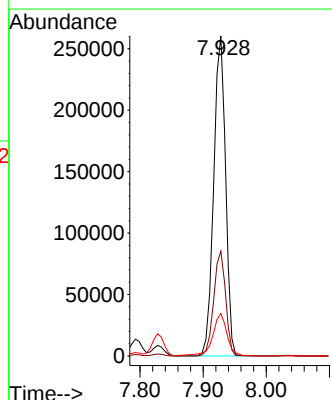
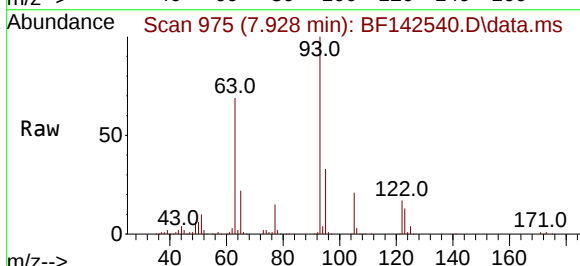
Tgt Ion: 93 Resp: 340174

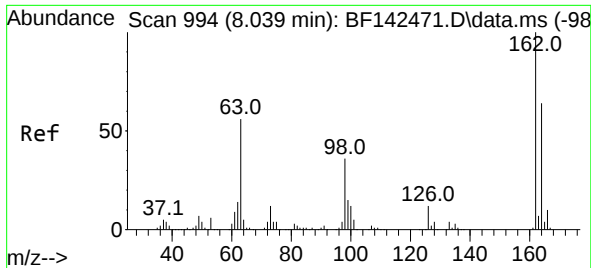
Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

123 13.2 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 41.430 ng

RT: 8.034 min Scan# 994

Delta R.T. -0.011 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS

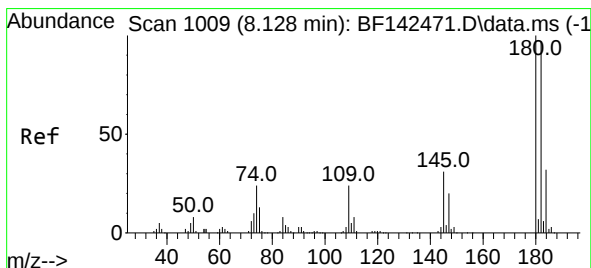
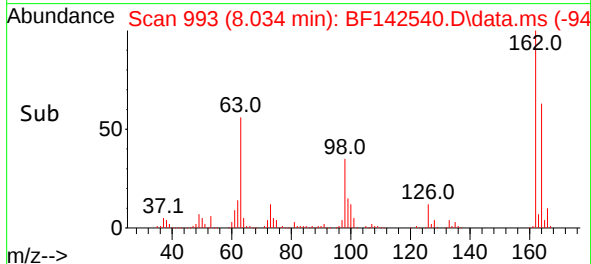
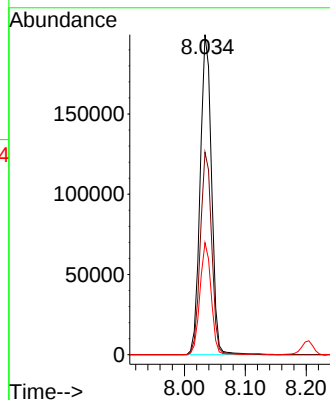
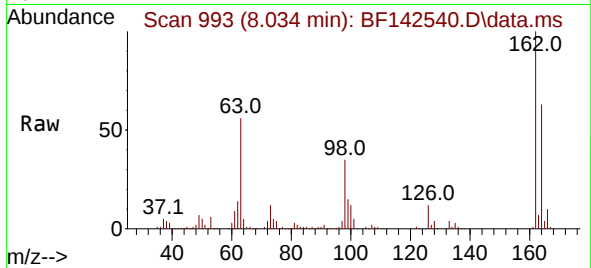
Tgt Ion:162 Resp: 257814

Ion Ratio Lower Upper

162 100

164 63.2 43.7 83.7

98 35.0 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 38.057 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

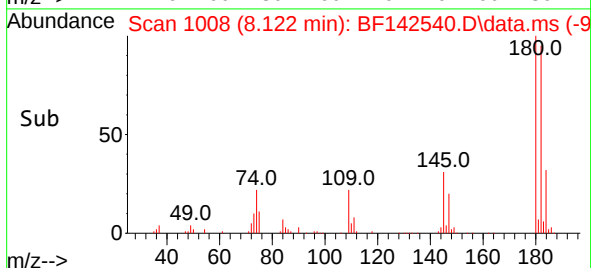
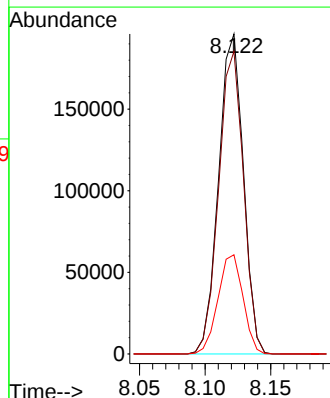
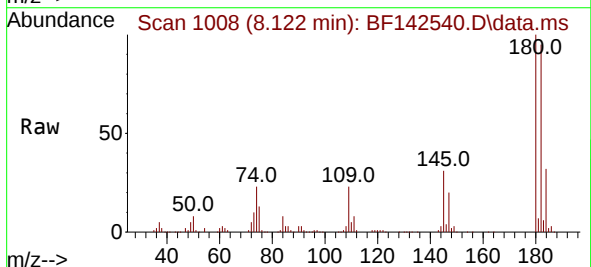
Tgt Ion:180 Resp: 257019

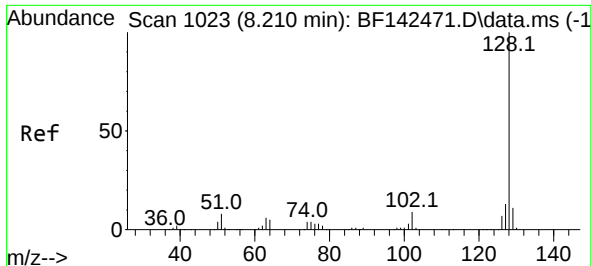
Ion Ratio Lower Upper

180 100

182 94.6 78.0 117.0

145 31.0 25.0 37.6

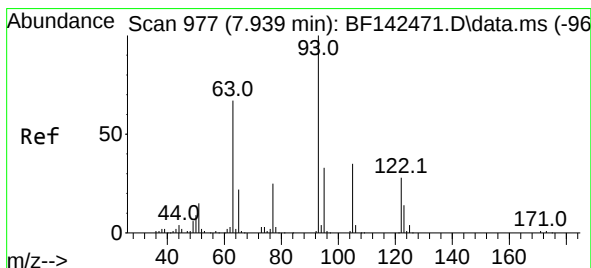
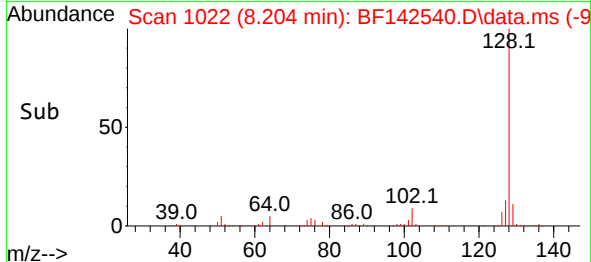
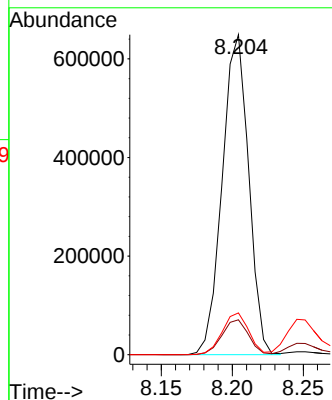
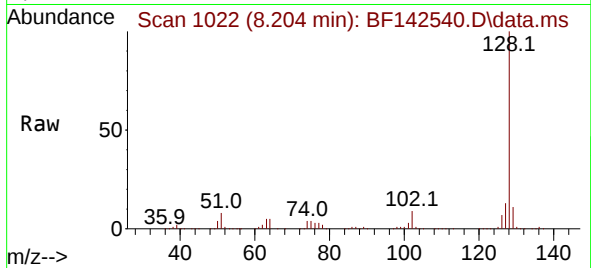




#31
Naphthalene
Concen: 38.829 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

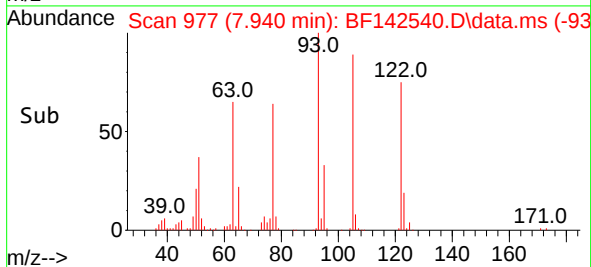
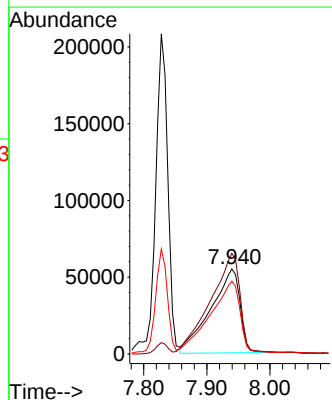
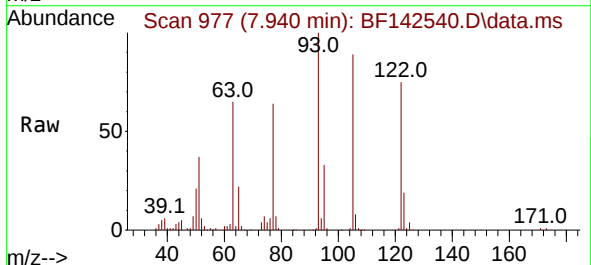
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

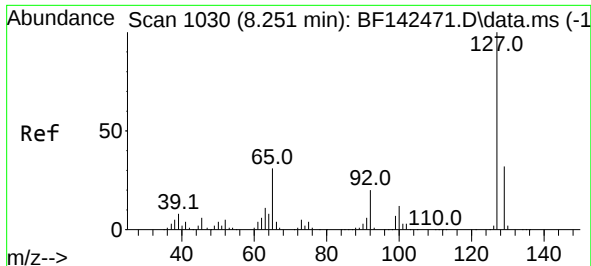
Tgt Ion:128 Resp: 839400
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 42.350 ng
RT: 7.940 min Scan# 977
Delta R.T. -0.035 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:122 Resp: 176403
Ion Ratio Lower Upper
122 100
105 118.6 101.7 141.7
77 85.8 69.5 109.5

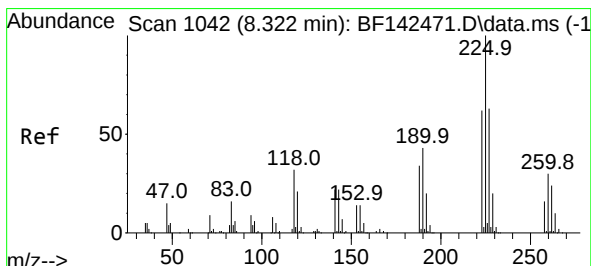
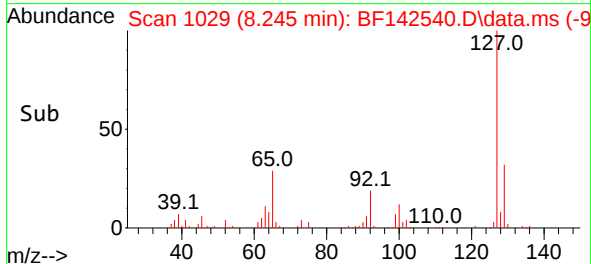
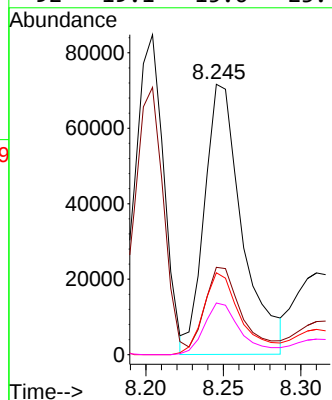
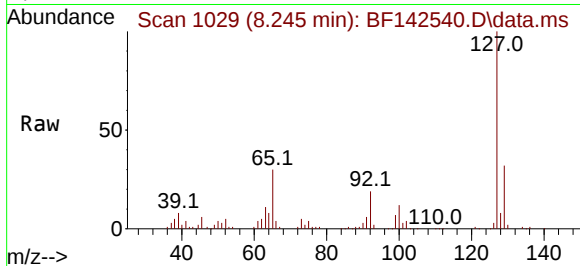




#33
4-Chloroaniline
Concen: 13.887 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

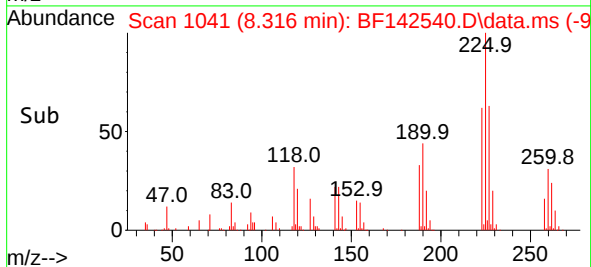
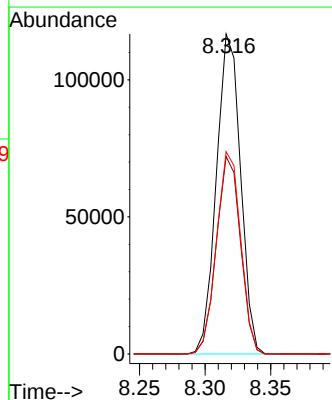
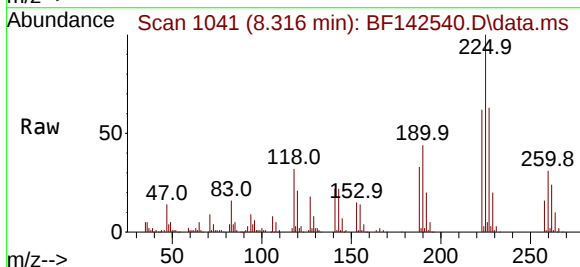
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

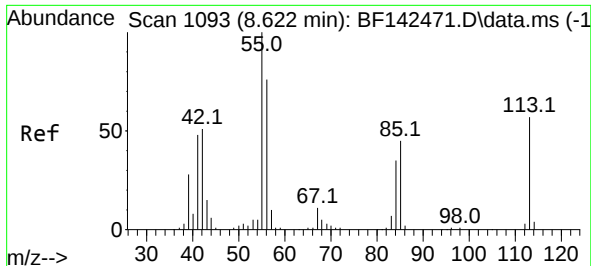
Tgt Ion:127	Resp: 121647
Ion Ratio	Lower Upper
127 100	
129 32.3	26.1 39.1
65 30.3	24.9 37.3
92 19.1	15.6 23.4



#34
Hexachlorobutadiene
Concen: 35.415 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:225	Resp: 149343
Ion Ratio	Lower Upper
225 100	
223 61.7	49.7 74.5
227 63.2	50.3 75.5

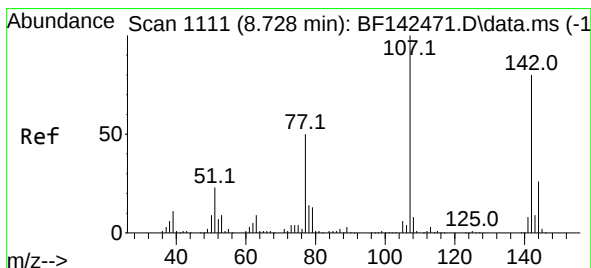
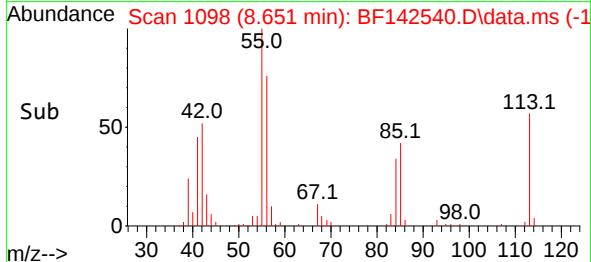
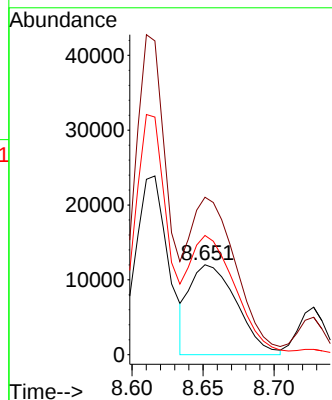
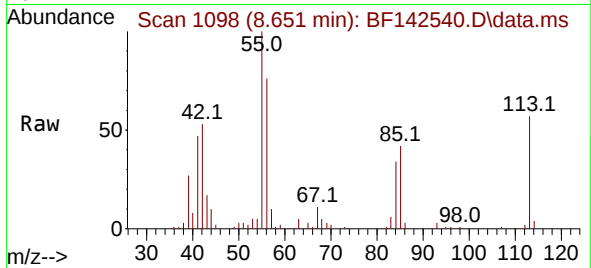




#35
 Caprolactam
 Concen: 15.772 ng
 RT: 8.651 min Scan# 1098
 Delta R.T. 0.006 min
 Lab File: BF142540.D
 Acq: 23 May 2025 17:32

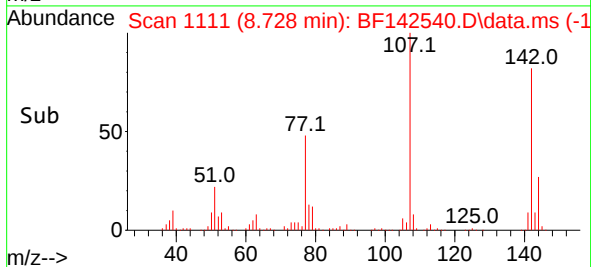
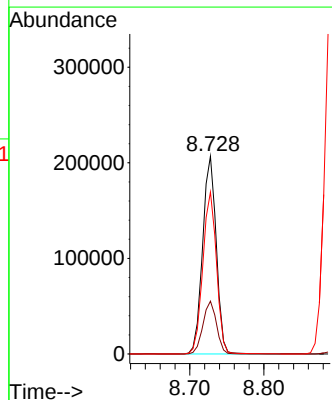
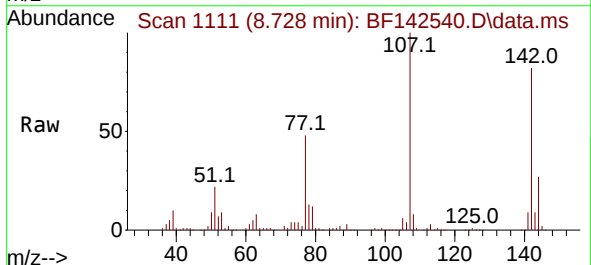
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP1MS

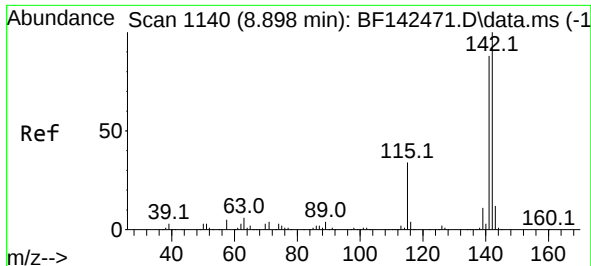
Tgt Ion:113 Resp: 27566
 Ion Ratio Lower Upper
 113 100
 55 175.1 154.7 194.7
 56 132.5 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 41.464 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.011 min
 Lab File: BF142540.D
 Acq: 23 May 2025 17:32

Tgt Ion:107 Resp: 264436
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.9 31.3
 142 81.9 64.2 96.2

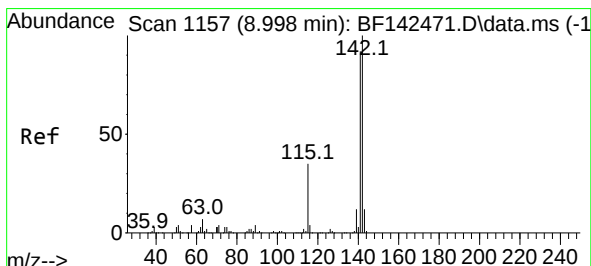
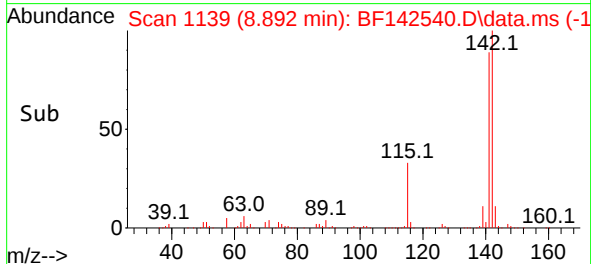
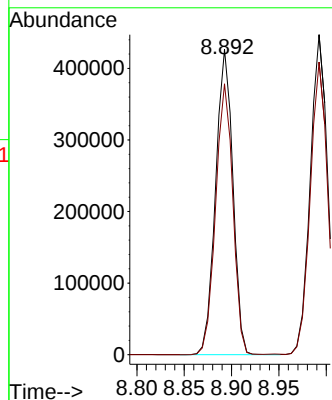
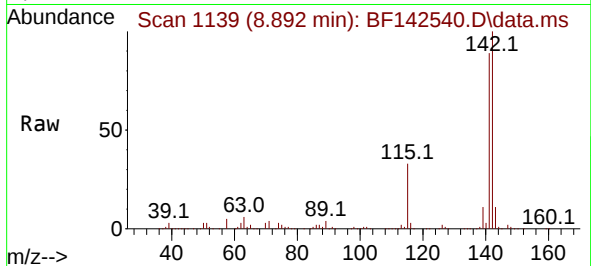




#37
2-Methylnaphthalene
Concen: 39.769 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

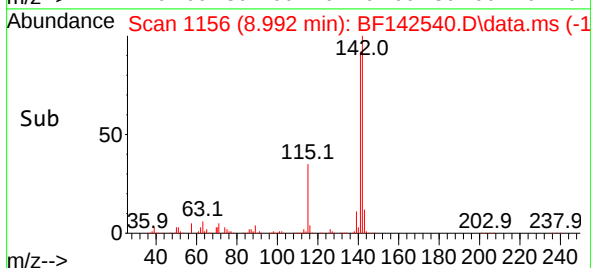
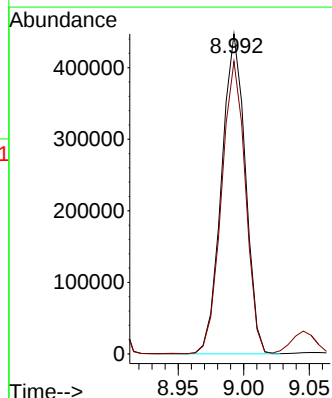
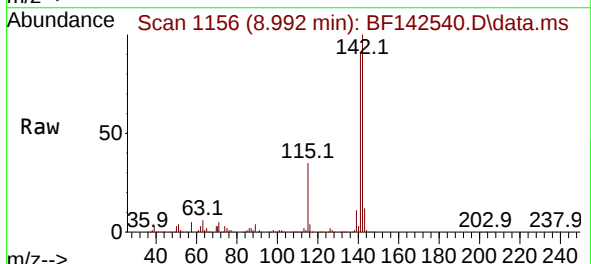
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

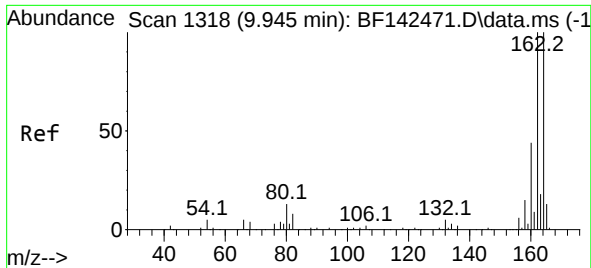
Tgt Ion:142 Resp: 540870
Ion Ratio Lower Upper
142 100
141 88.7 70.7 106.1



#38
1-Methylnaphthalene
Concen: 40.116 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:142 Resp: 564351
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.2

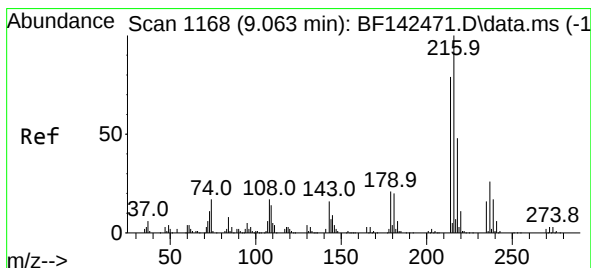
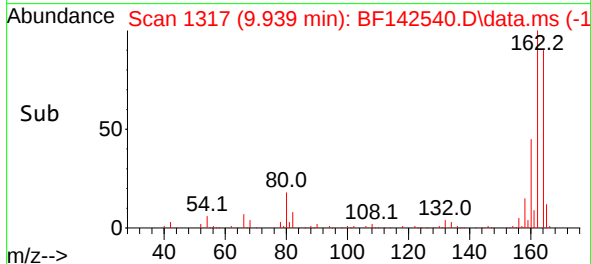
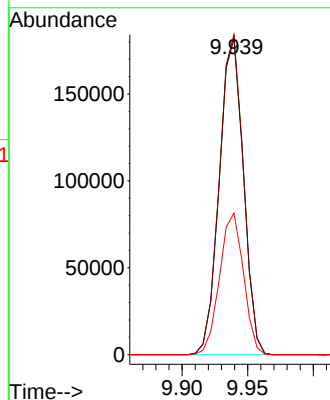
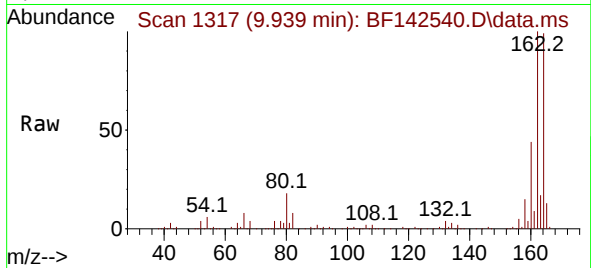




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

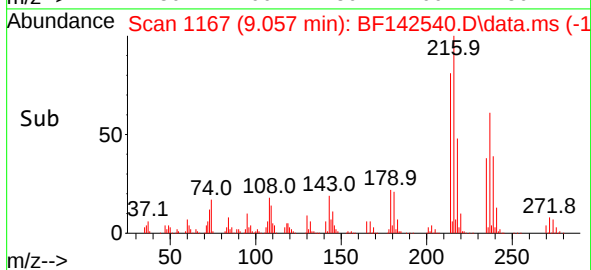
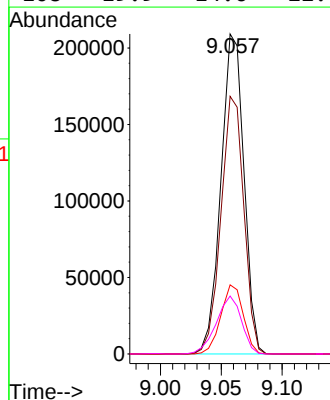
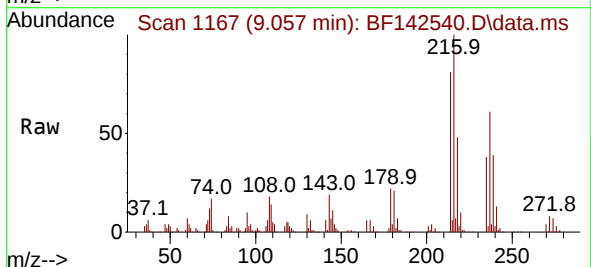
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

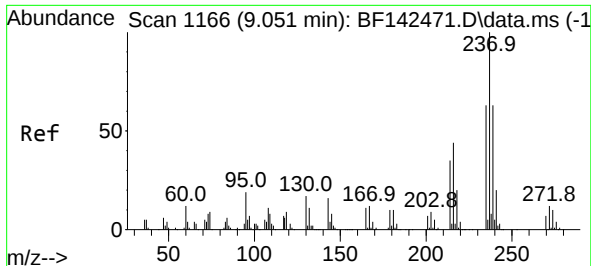
Tgt Ion:164 Resp: 231892
Ion Ratio Lower Upper
164 100
162 101.2 80.2 120.4
160 44.8 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.302 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:216 Resp: 274930
Ion Ratio Lower Upper
216 100
214 79.9 62.9 94.3
179 21.1 16.9 25.3
108 19.9 14.6 22.0

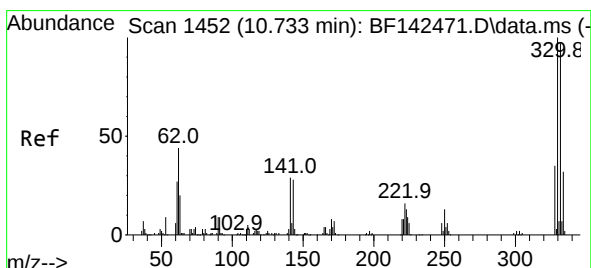
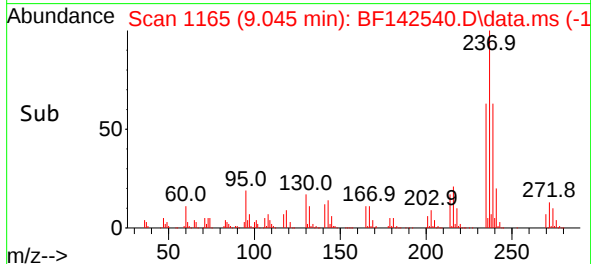
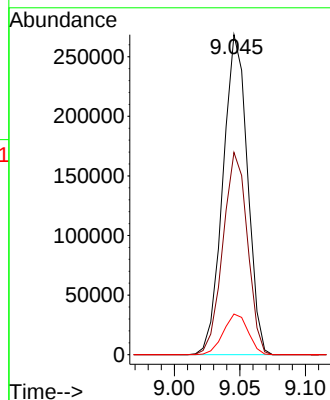
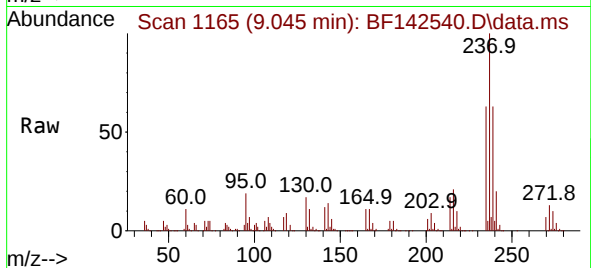




#41
Hexachlorocyclopentadiene
Concen: 77.701 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

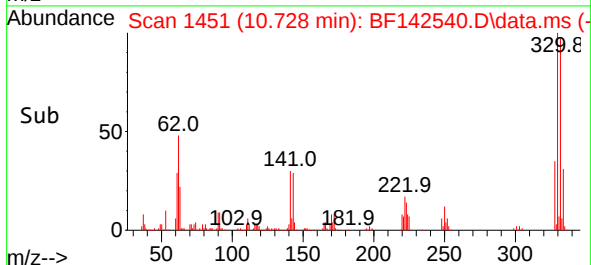
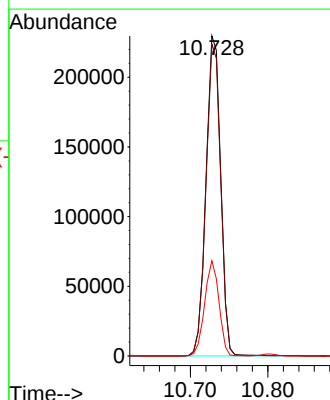
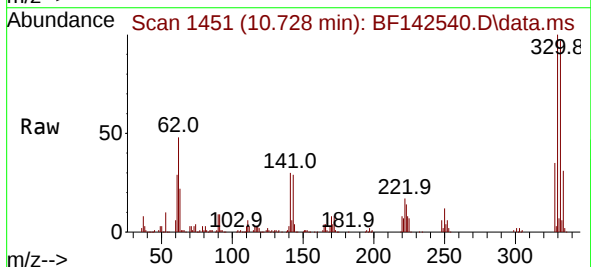
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

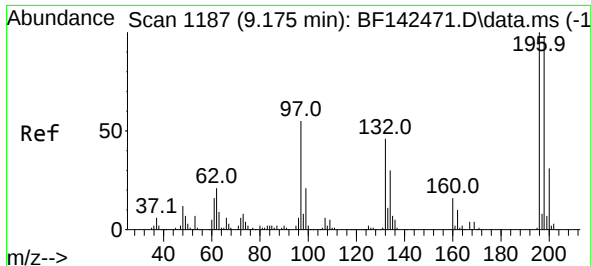
Tgt Ion:237 Resp: 348914
Ion Ratio Lower Upper
237 100
235 63.2 43.3 83.3
272 12.7 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 117.713 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

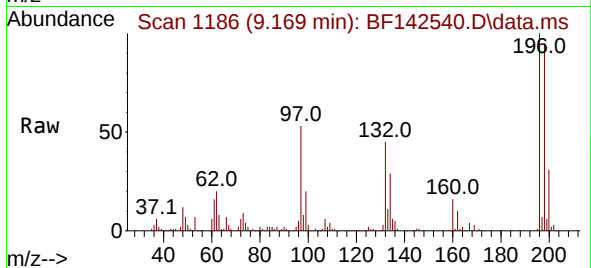
Tgt Ion:330 Resp: 302959
Ion Ratio Lower Upper
330 100
332 97.4 77.6 116.4
141 28.9 24.6 36.8



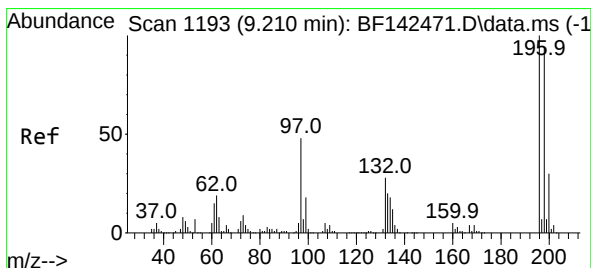
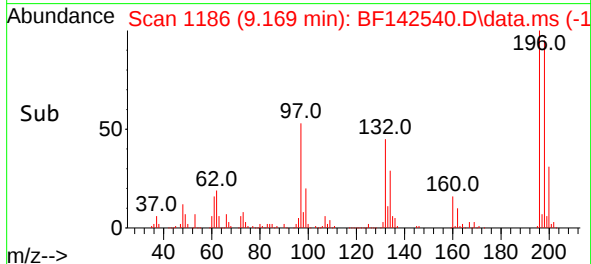
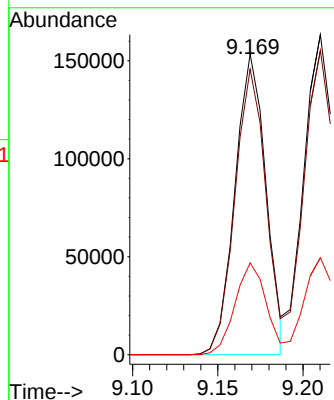


#43
2,4,6-Trichlorophenol
Concen: 43.215 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

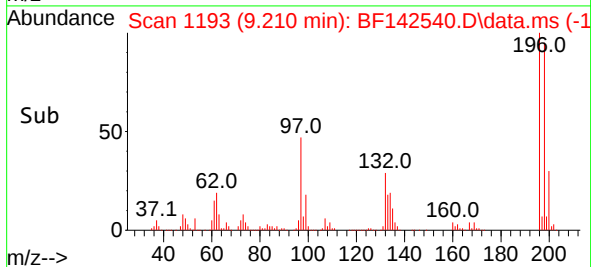
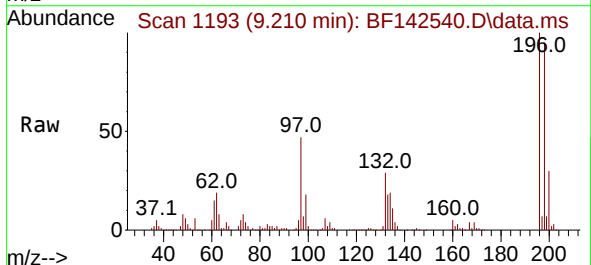
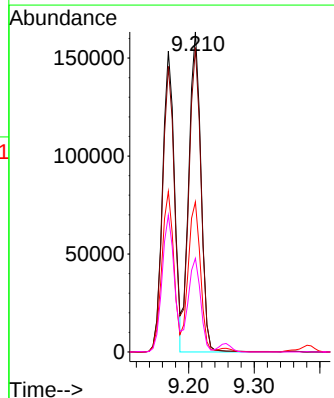


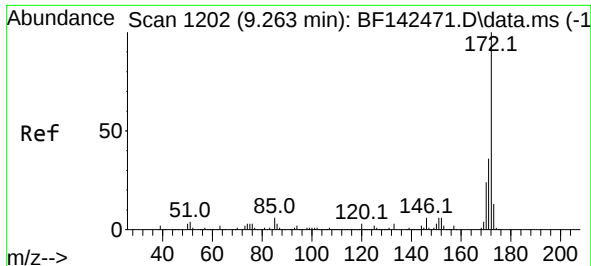
Tgt Ion:196 Resp: 193979
Ion Ratio Lower Upper
196 100
198 94.9 78.8 118.2
200 30.5 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 43.968 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:196 Resp: 208142
Ion Ratio Lower Upper
196 100
198 95.1 75.5 113.3
97 46.9 39.3 58.9
132 29.3 23.3 34.9

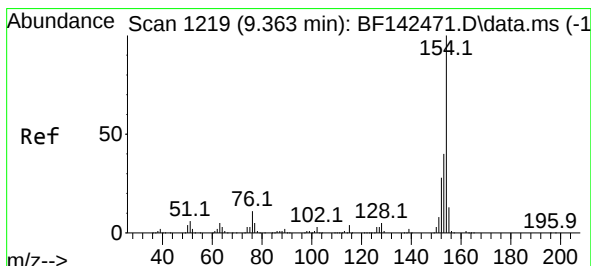
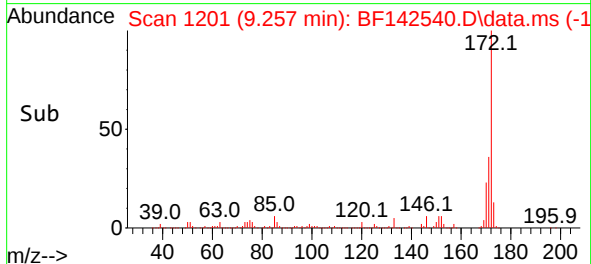
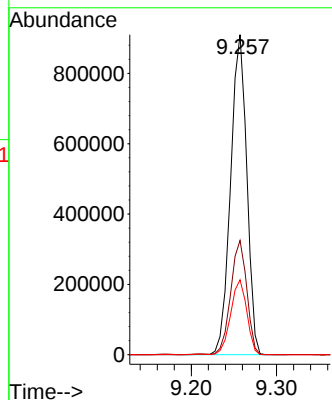
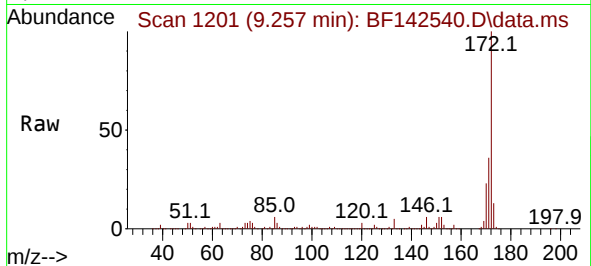




#45
2-Fluorobiphenyl
Concen: 69.356 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

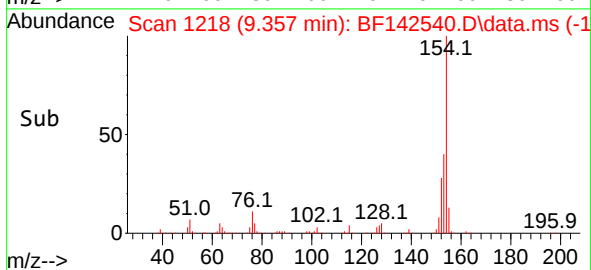
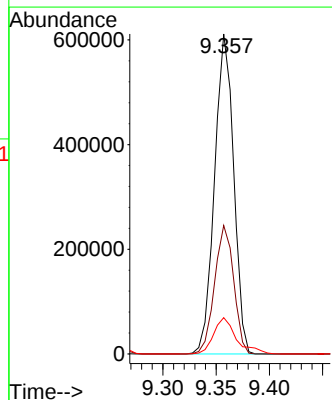
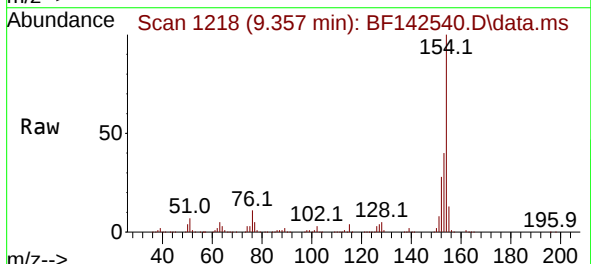
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

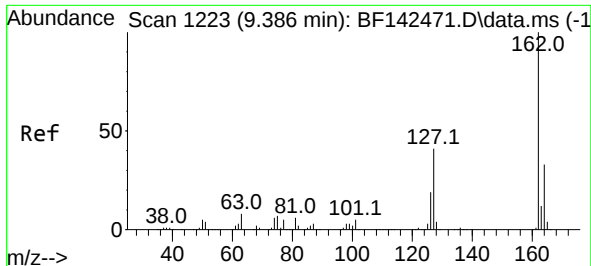
Tgt Ion:172 Resp: 1198565
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 42.283 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:154 Resp: 760691
Ion Ratio Lower Upper
154 100
153 40.2 20.4 60.4
76 11.3 0.0 30.8





#47

2-Chloronaphthalene

Concen: 42.263 ng

RT: 9.381 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS

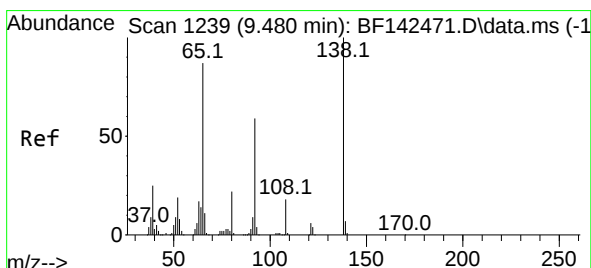
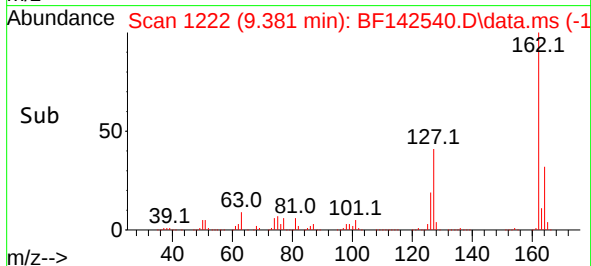
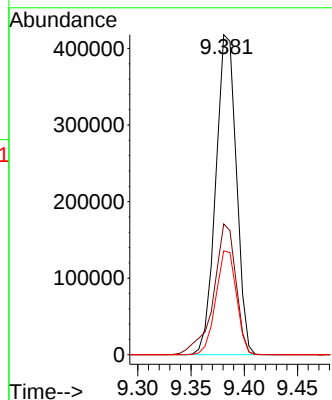
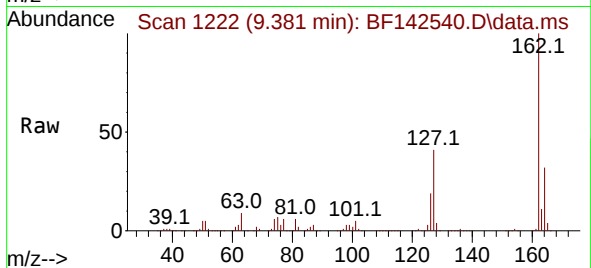
Tgt Ion:162 Resp: 561765

Ion Ratio Lower Upper

162 100

127 40.9 33.5 50.3

164 32.5 26.1 39.1



#48

2-Nitroaniline

Concen: 43.929 ng

RT: 9.475 min Scan# 1238

Delta R.T. -0.011 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

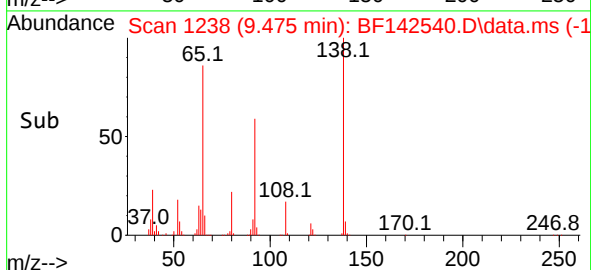
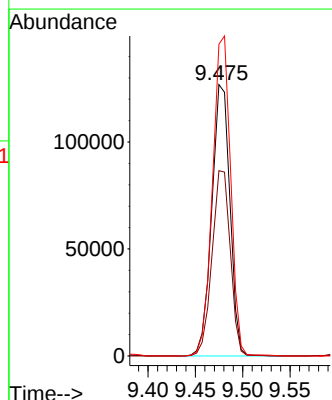
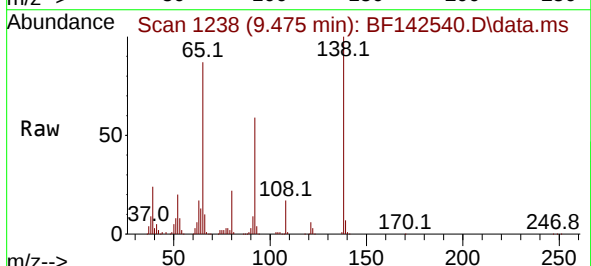
Tgt Ion: 65 Resp: 168774

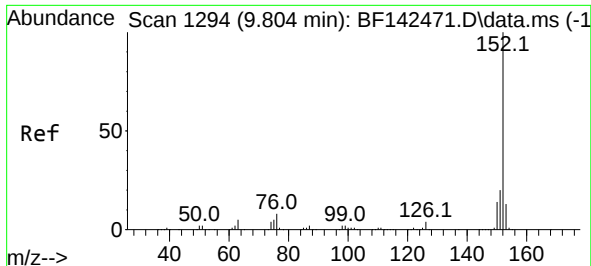
Ion Ratio Lower Upper

65 100

92 68.2 54.4 81.6

138 114.8 91.4 137.2





#49

Acenaphthylene

Concen: 41.933 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS

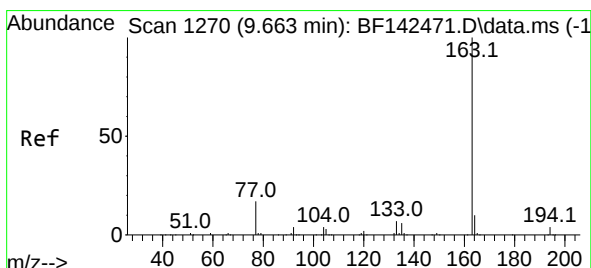
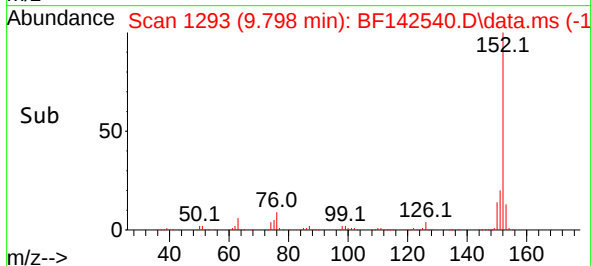
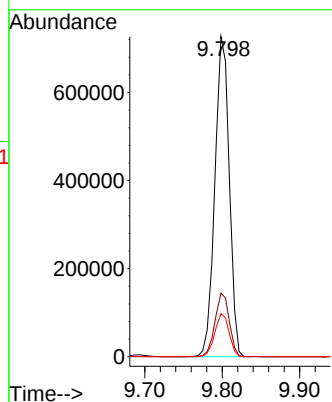
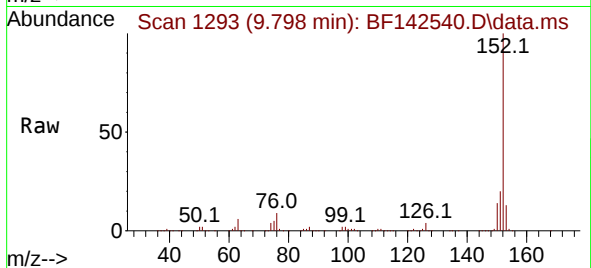
Tgt Ion:152 Resp: 941186

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

153 13.5 10.6 15.8



#50

Dimethylphthalate

Concen: 44.048 ng

RT: 9.657 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

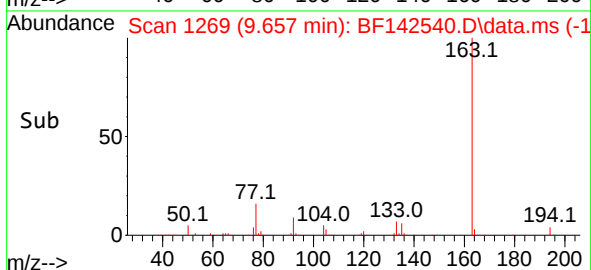
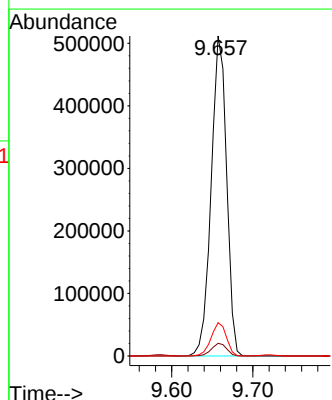
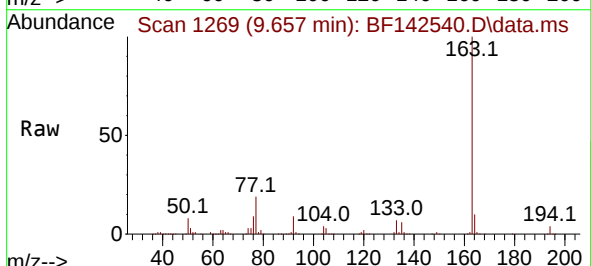
Tgt Ion:163 Resp: 673979

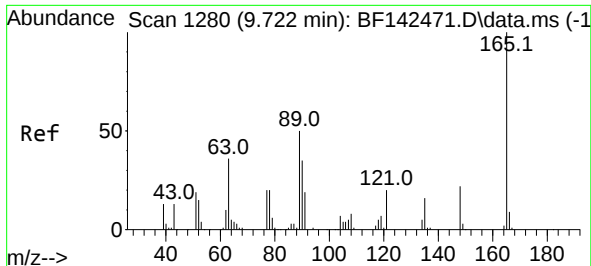
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.4 8.2 12.4

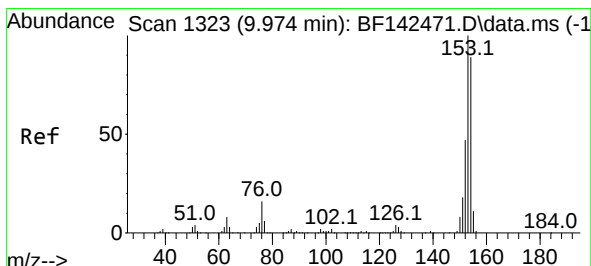
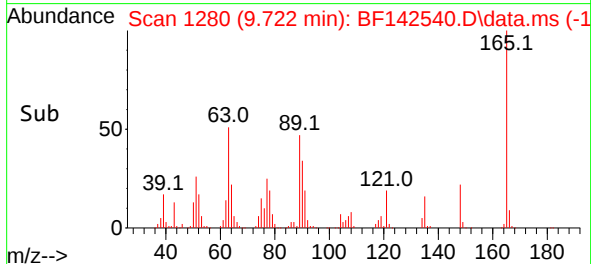
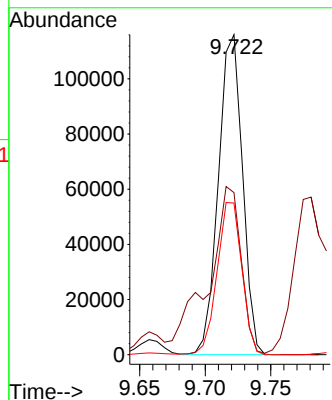
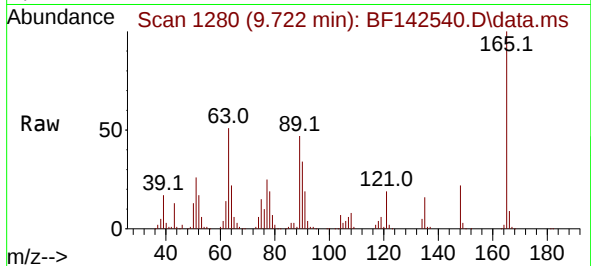




#51
2,6-Dinitrotoluene
Concen: 44.928 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

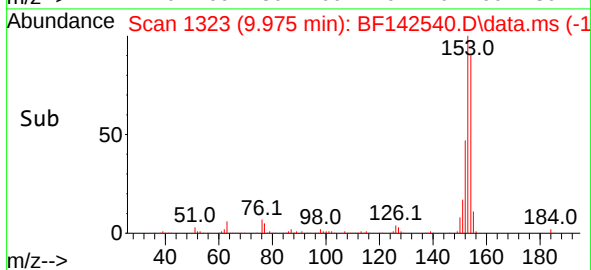
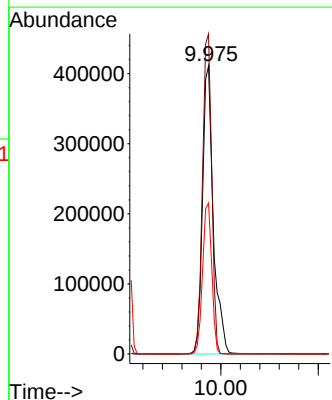
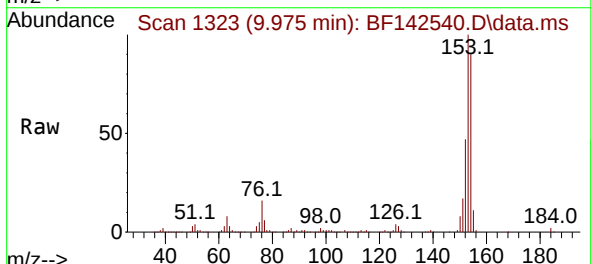
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

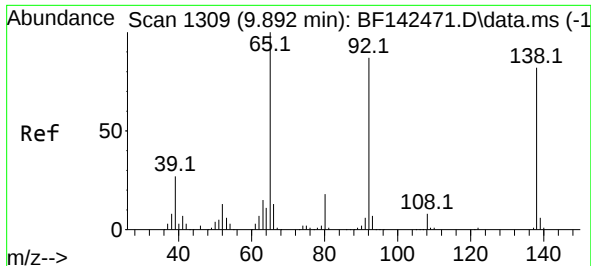
Tgt Ion:165 Resp: 148373
Ion Ratio Lower Upper
165 100
63 50.7 42.9 64.3
89 47.4 40.2 60.4



#52
Acenaphthene
Concen: 46.251 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:154 Resp: 633889
Ion Ratio Lower Upper
154 100
153 111.1 90.0 135.0
152 52.4 42.6 64.0

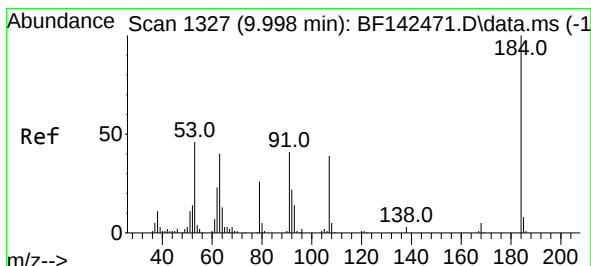
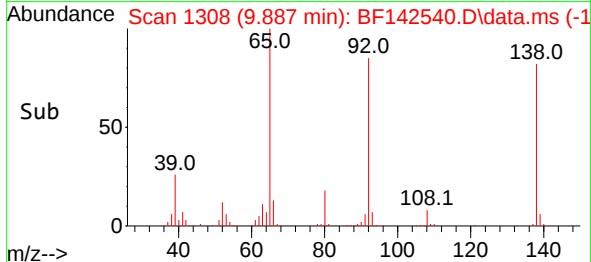
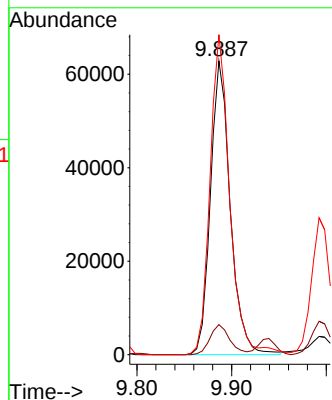
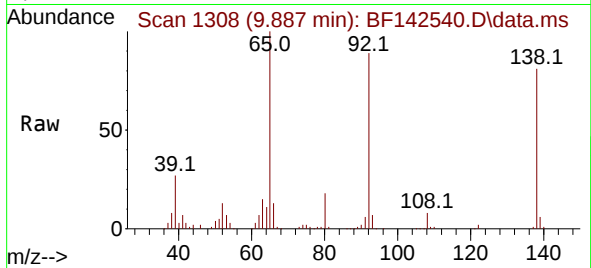




#53
3-Nitroaniline
Concen: 25.383 ng
RT: 9.887 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

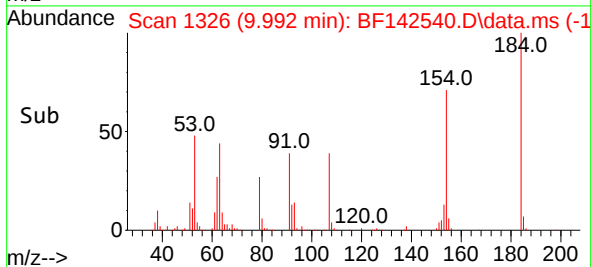
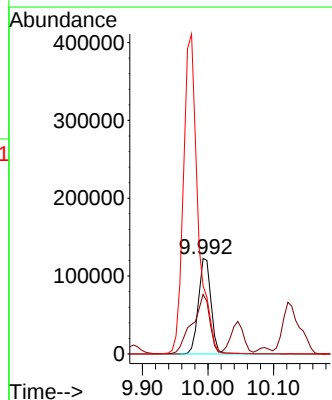
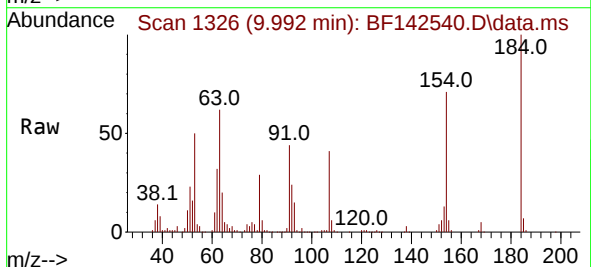
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

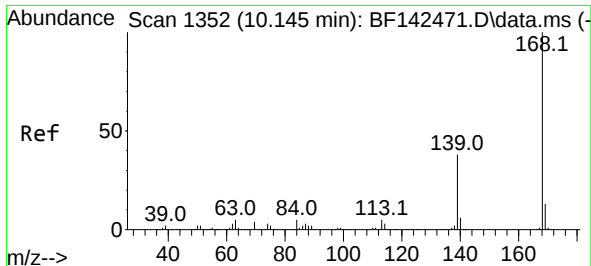
Tgt Ion:138 Resp: 91558
Ion Ratio Lower Upper
138 100
108 10.3 8.1 12.1
92 108.9 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 96.339 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:184 Resp: 164371
Ion Ratio Lower Upper
184 100
63 62.4 46.3 69.5
154 71.4 56.8 85.2

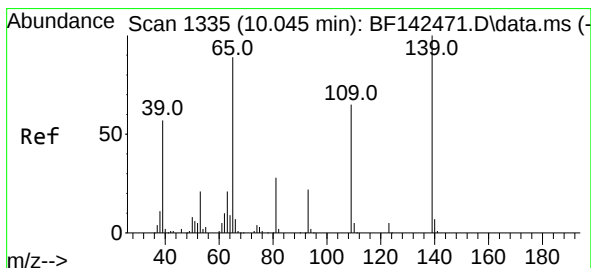
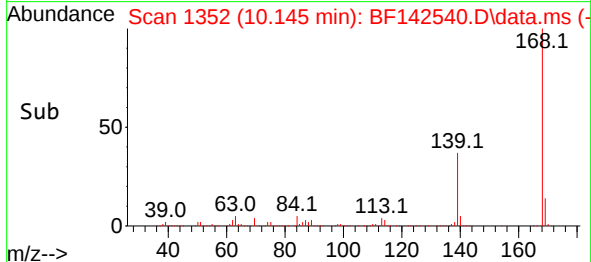
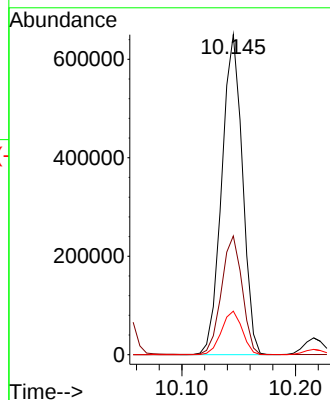
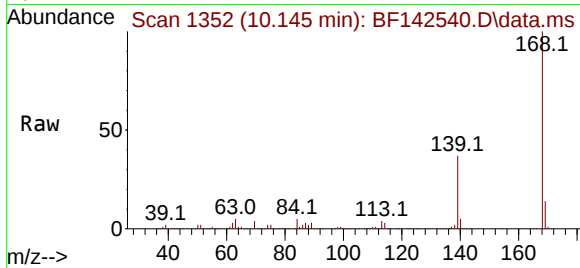




#55
Dibenzofuran
Concen: 41.751 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

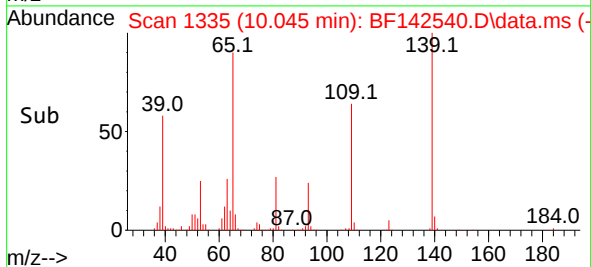
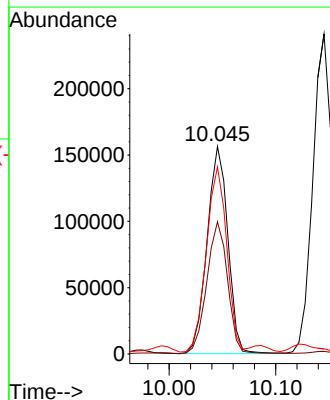
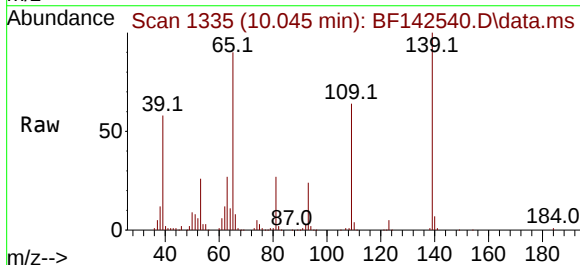
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

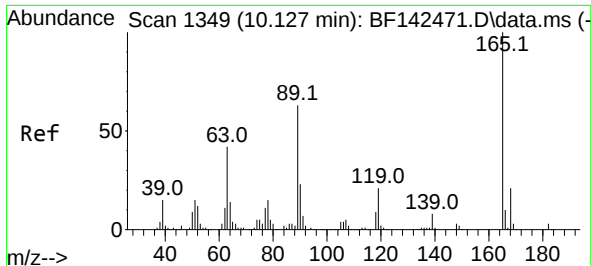
Tgt Ion:168 Resp: 823417
Ion Ratio Lower Upper
168 100
139 37.1 30.2 45.2
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 79.701 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:139 Resp: 212122
Ion Ratio Lower Upper
139 100
109 63.7 45.1 85.1
65 90.1 69.7 109.7

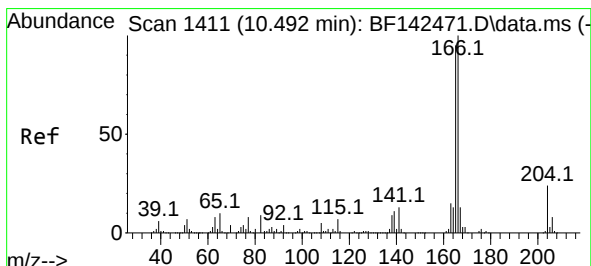
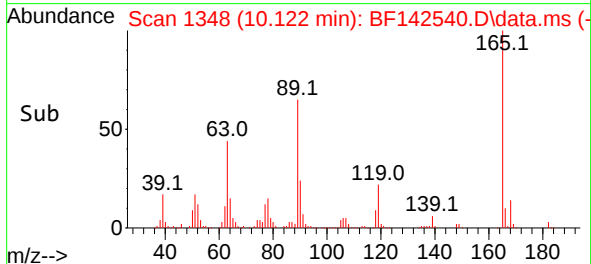
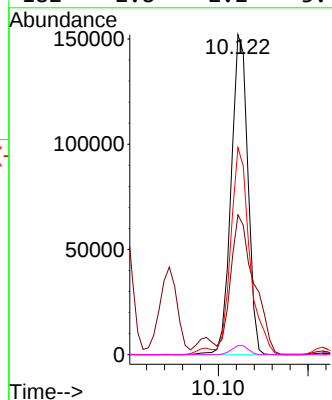
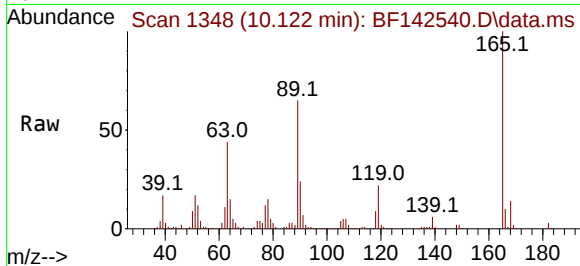




#57
2,4-Dinitrotoluene
Concen: 45.641 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

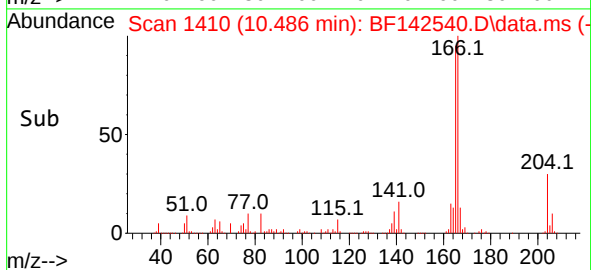
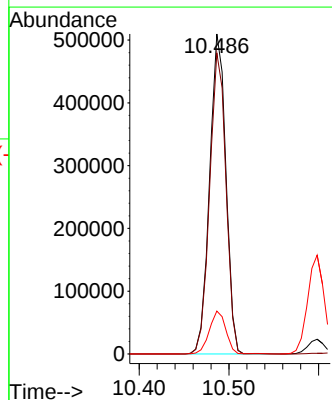
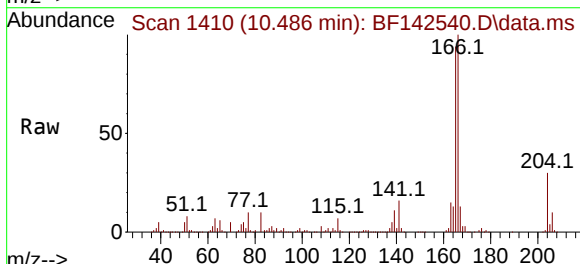
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

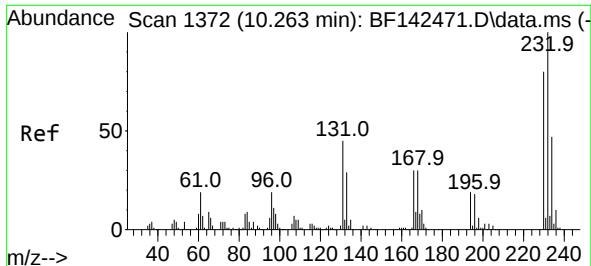
Tgt Ion:165	Resp:	196846	
Ion	Ratio	Lower	Upper
165	100		
63	43.7	33.6	50.4
89	64.7	50.2	75.4
182	2.8	2.2	3.4



#58
Fluorene
Concen: 42.197 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt	Ion:166	Resp:	642937
Ion	Ratio	Lower	Upper
166	100		
165	94.0	75.8	113.8
167	13.4	10.6	16.0

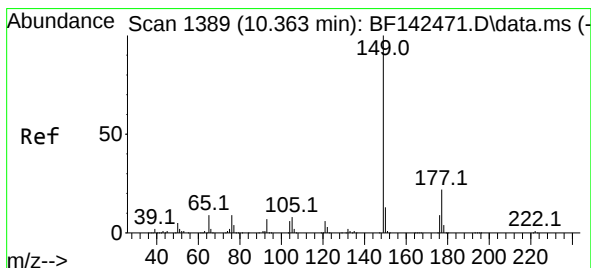
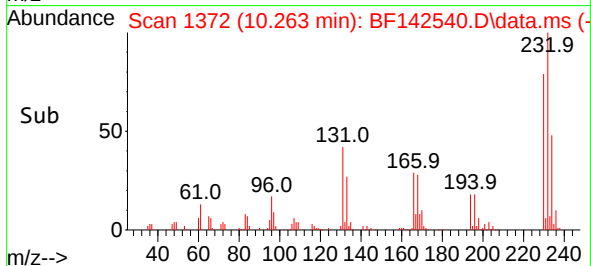
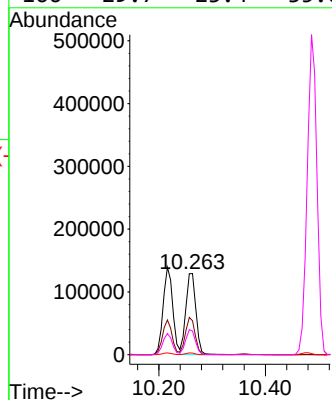
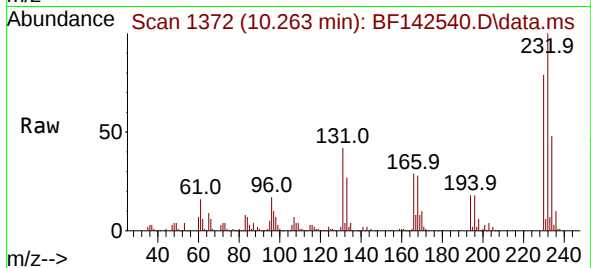




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.177 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

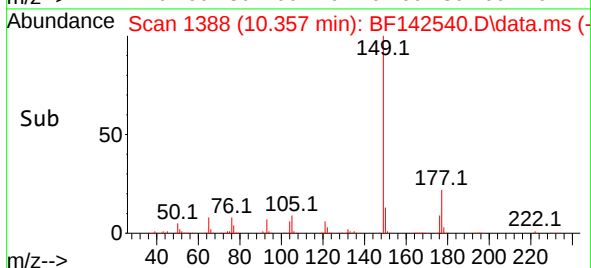
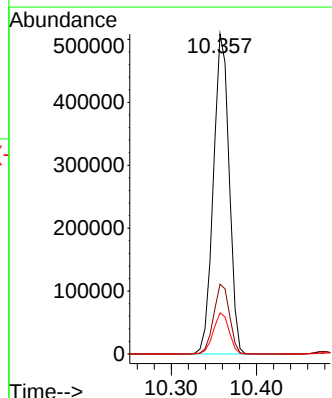
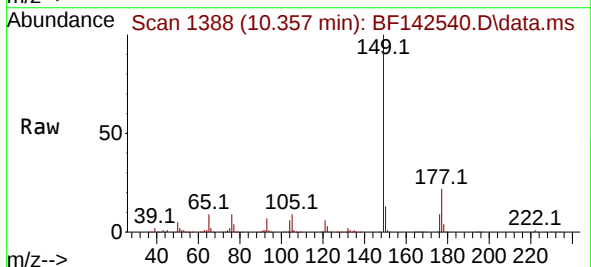
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

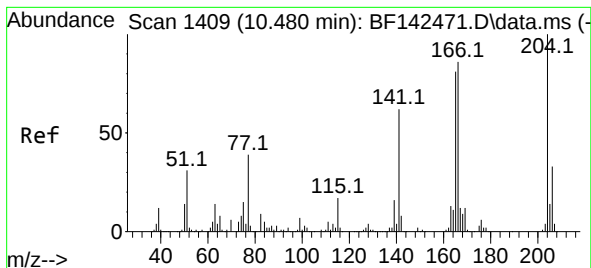
Tgt Ion:232 Resp: 170634
Ion Ratio Lower Upper
232 100
131 43.6 35.2 52.8
130 2.0 1.7 2.5
166 29.7 23.4 35.0



#60
Diethylphthalate
Concen: 43.627 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:149 Resp: 651956
Ion Ratio Lower Upper
149 100
177 21.8 17.6 26.4
150 12.8 10.1 15.1

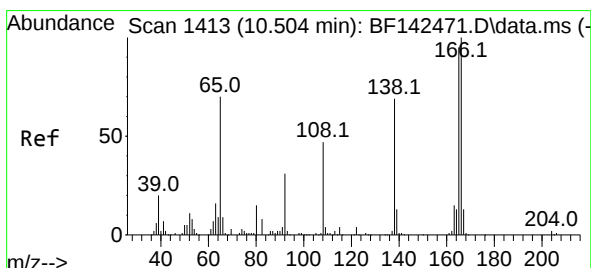
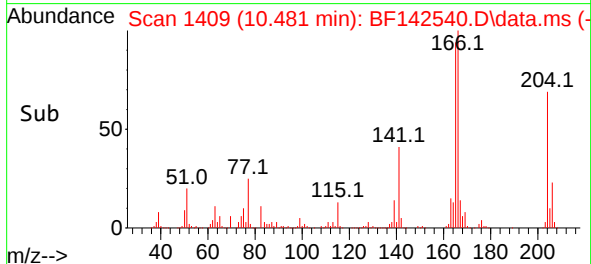
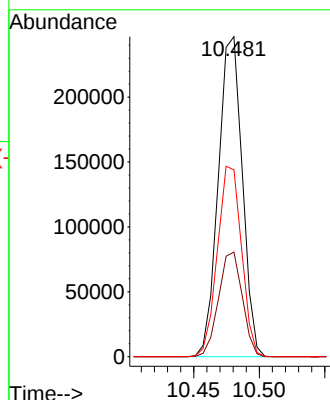
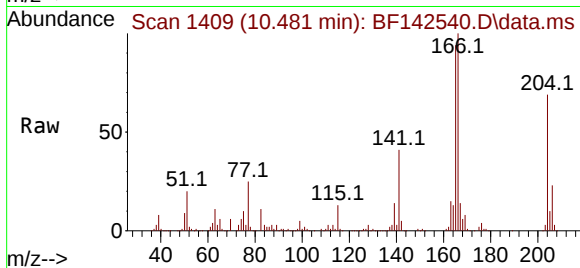




#61
4-Chlorophenyl-phenylether
Concen: 41.931 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.005 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

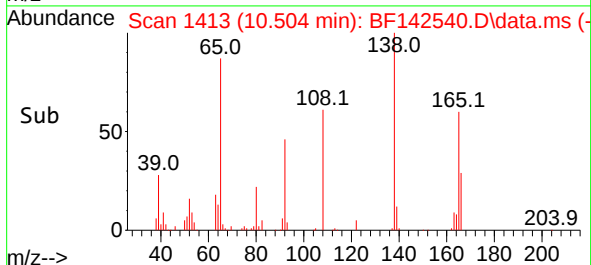
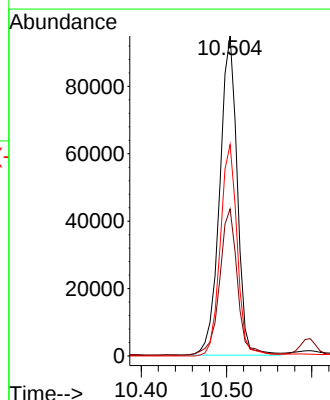
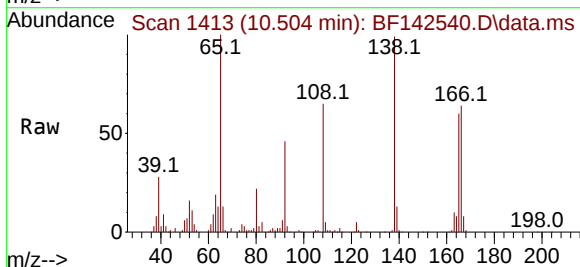
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

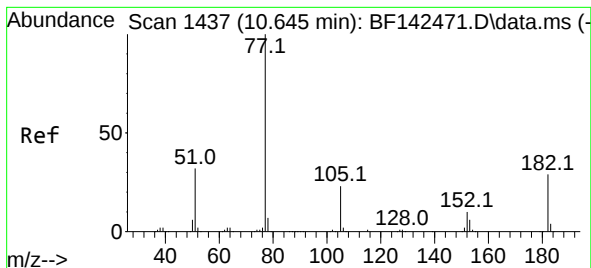
Tgt Ion:204 Resp: 313845
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 58.4 49.5 74.3



#62
4-Nitroaniline
Concen: 41.383 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:138 Resp: 135380
Ion Ratio Lower Upper
138 100
92 45.9 26.0 66.0
108 66.1 48.4 88.4





#63

Azobenzene

Concen: 43.202 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS

Tgt Ion: 77 Resp: 579866

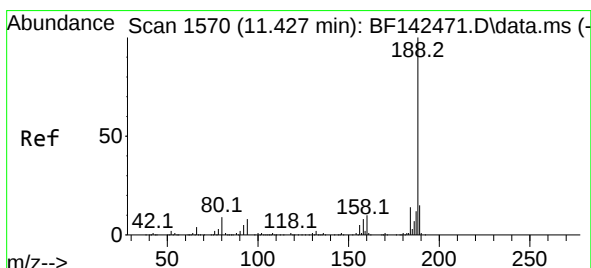
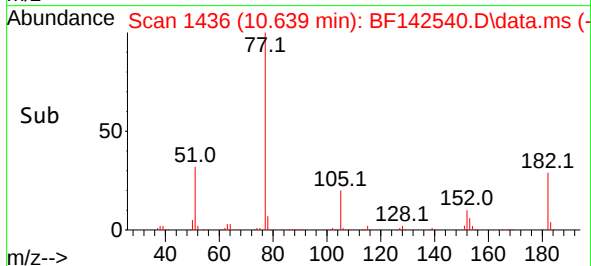
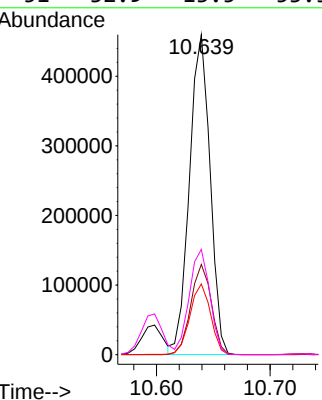
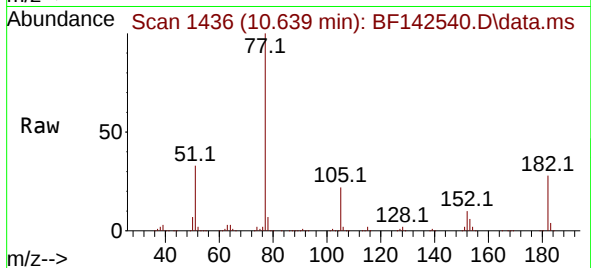
Ion Ratio Lower Upper

77 100

182 28.2 9.0 49.0

105 22.1 2.4 42.4

51 32.9 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

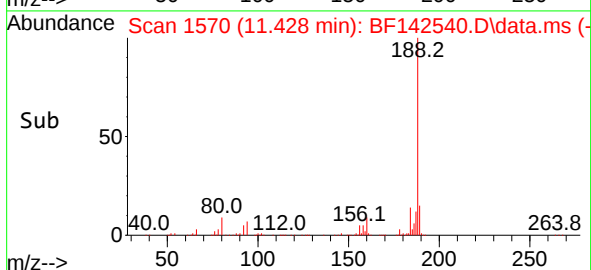
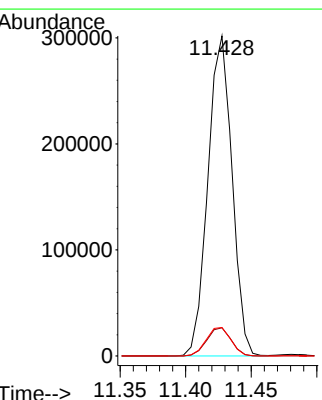
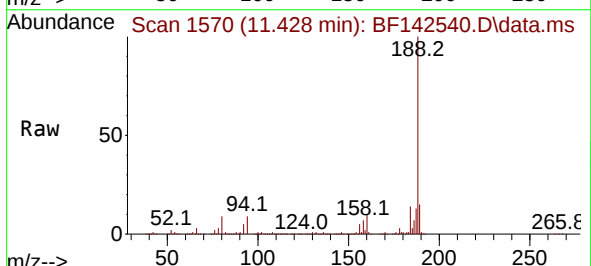
Tgt Ion:188 Resp: 386508

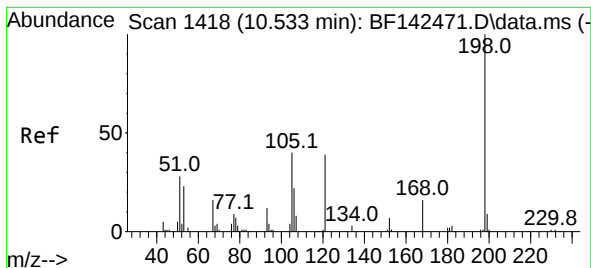
Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 8.9 7.4 11.0

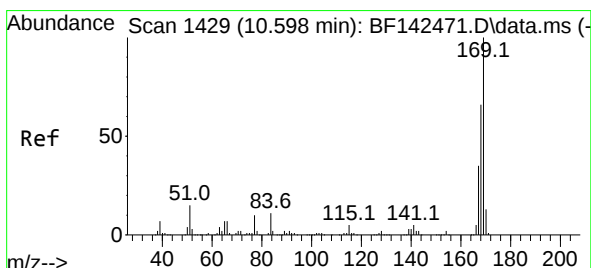
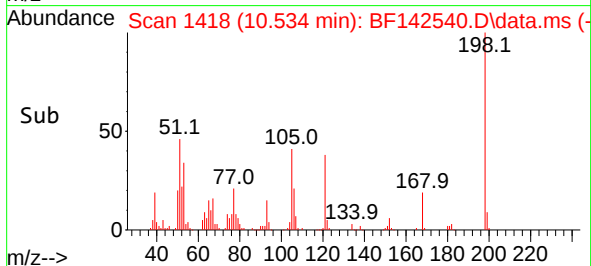
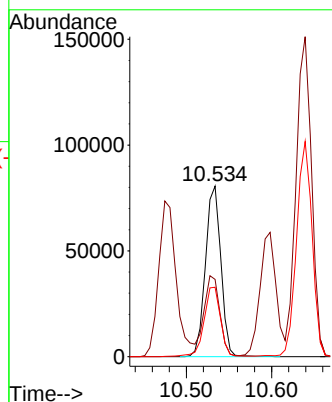
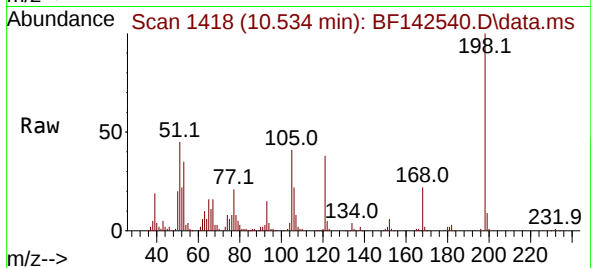




#65
4,6-Dinitro-2-methylphenol
Concen: 47.134 ng
RT: 10.534 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

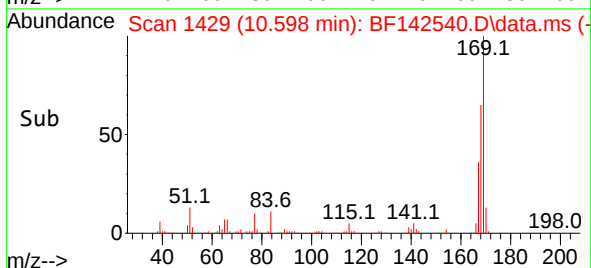
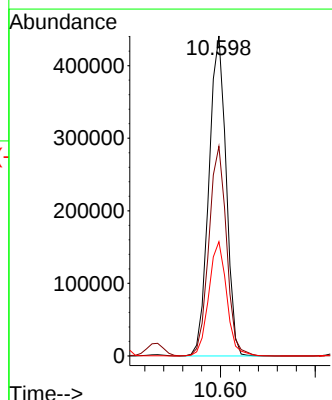
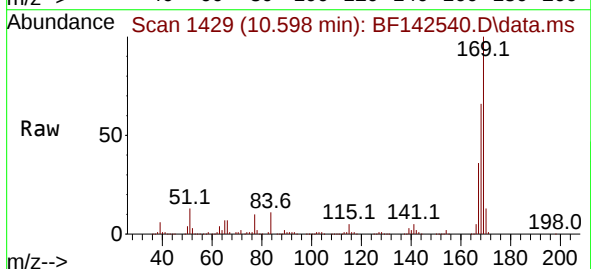
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

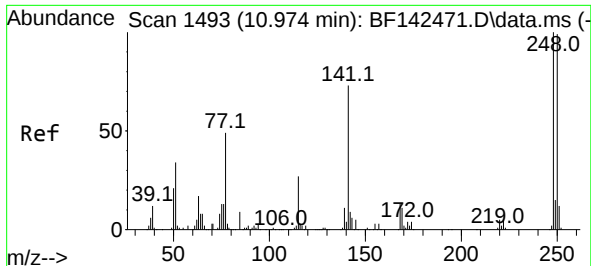
Tgt Ion:198 Resp: 101668
Ion Ratio Lower Upper
198 100
51 45.3 28.3 68.3
105 40.7 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 42.142 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:169 Resp: 557253
Ion Ratio Lower Upper
169 100
168 65.5 52.7 79.1
167 35.7 28.3 42.5

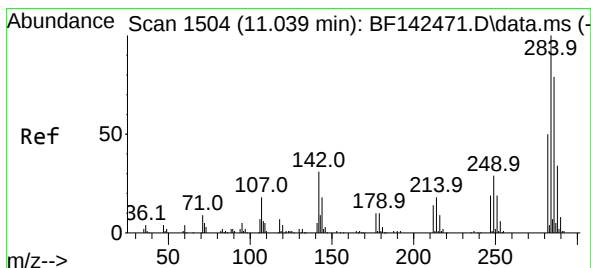
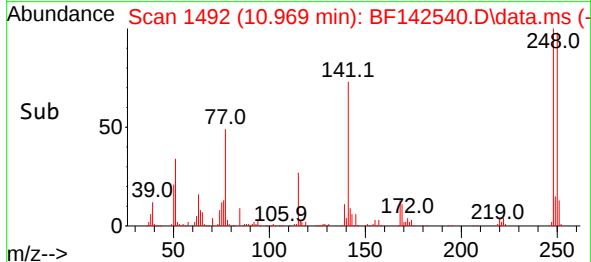
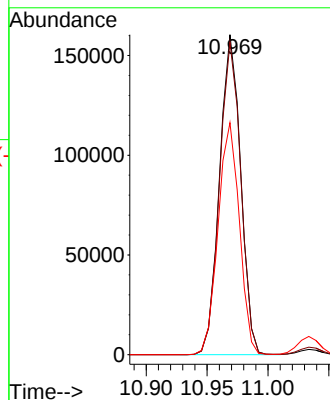
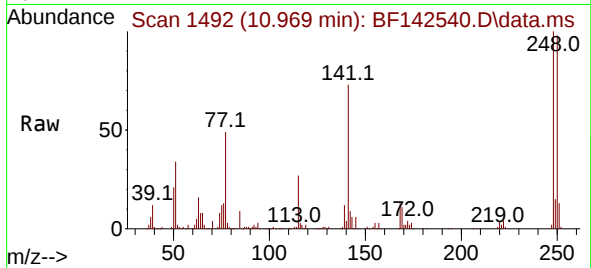




#67
4-Bromophenyl-phenylether
Concen: 42.487 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

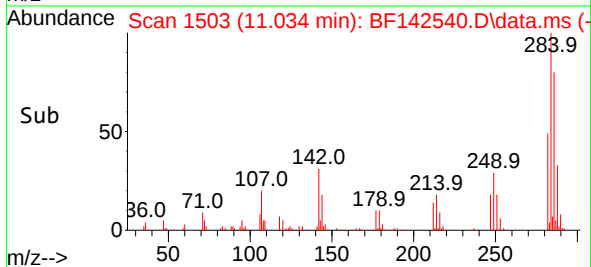
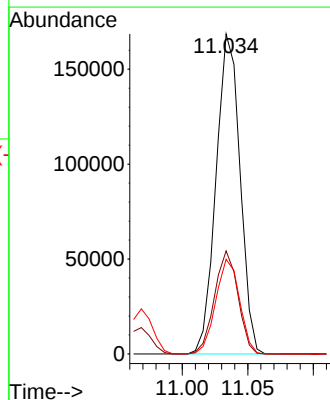
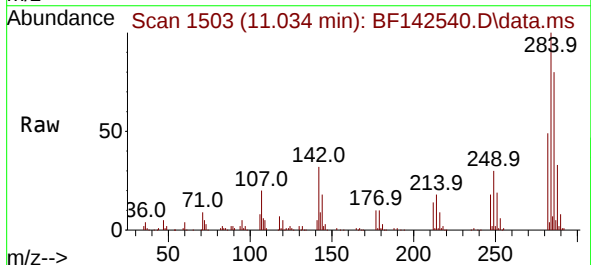
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

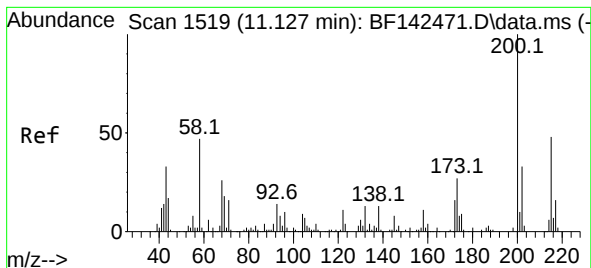
Tgt Ion:248 Resp: 194175
Ion Ratio Lower Upper
248 100
250 97.6 79.0 118.4
141 72.5 58.4 87.6



#68
Hexachlorobenzene
Concen: 42.316 ng
RT: 11.034 min Scan# 1503
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:284 Resp: 213895
Ion Ratio Lower Upper
284 100
142 32.2 24.8 37.2
249 29.6 23.6 35.4





#69

Atrazine

Concen: 49.203 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.005 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS

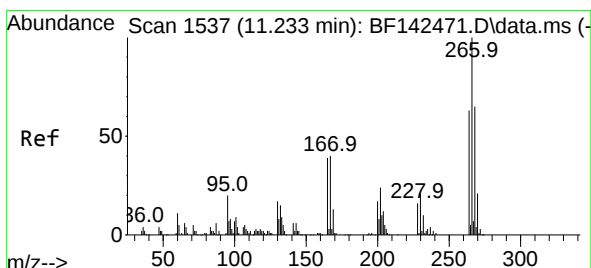
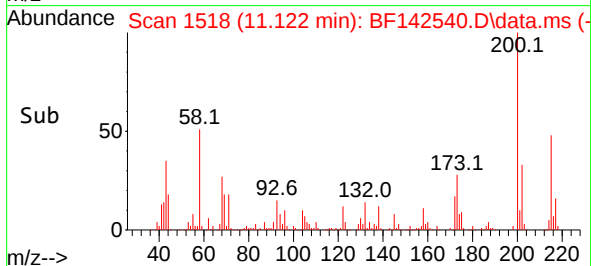
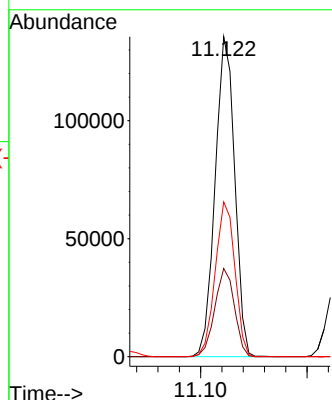
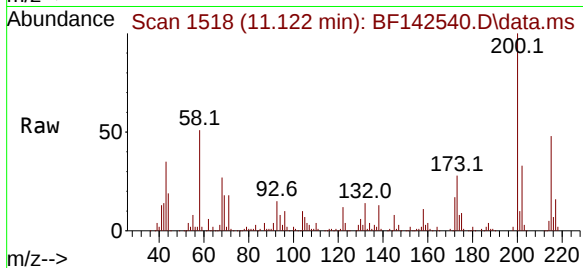
Tgt Ion:200 Resp: 172788

Ion Ratio Lower Upper

200 100

173 27.5 7.4 47.4

215 48.4 28.5 68.5



#70

Pentachlorophenol

Concen: 86.971 ng

RT: 11.228 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

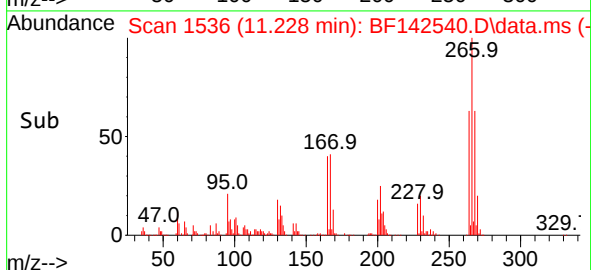
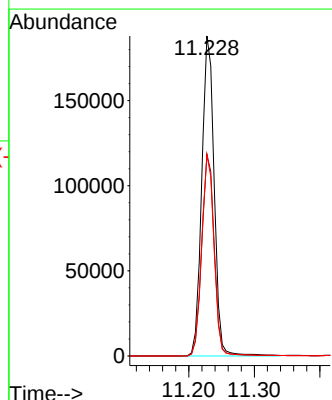
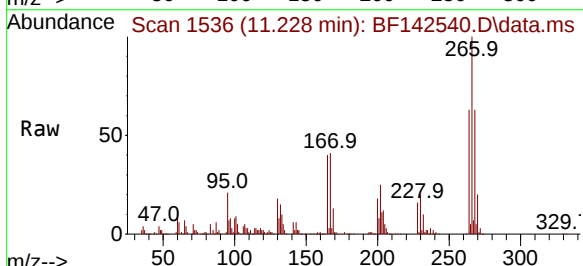
Tgt Ion:266 Resp: 248199

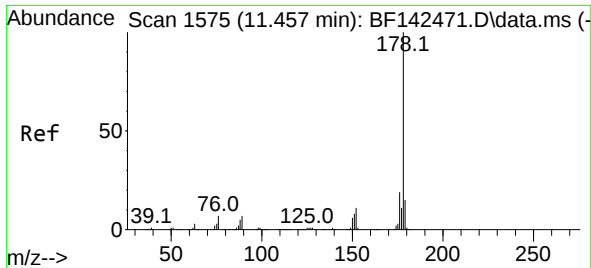
Ion Ratio Lower Upper

266 100

268 63.0 51.7 77.5

264 62.8 50.4 75.6

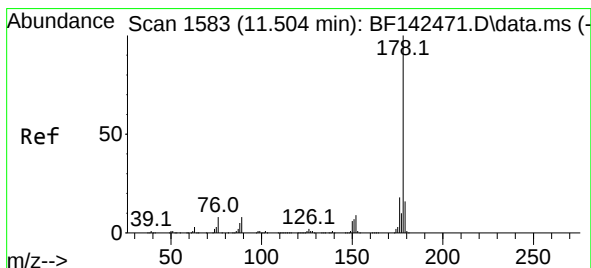
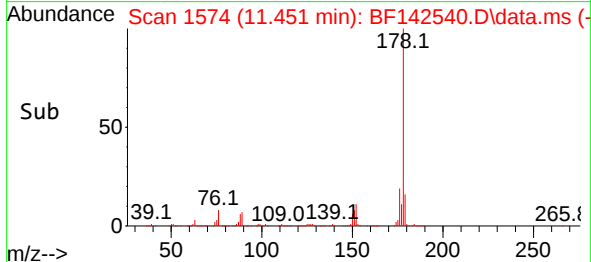
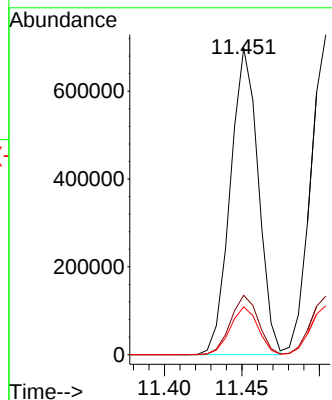
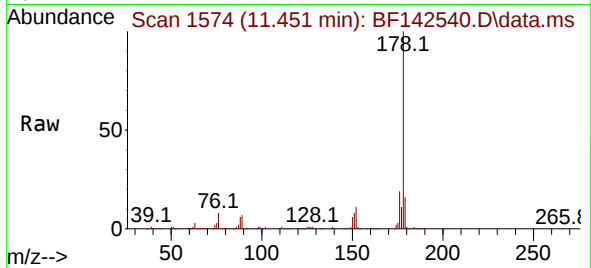




#71
Phenanthrene
Concen: 42.380 ng
RT: 11.451 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

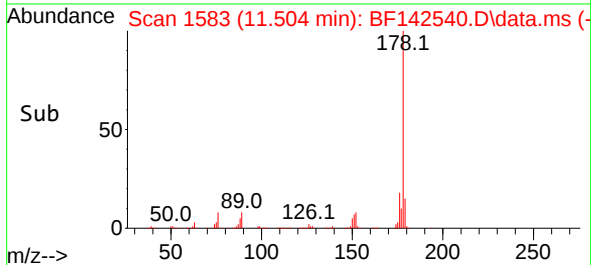
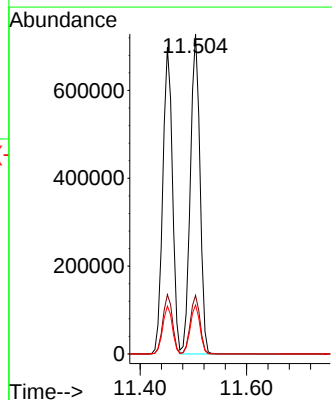
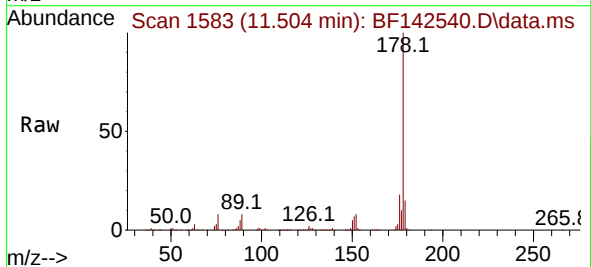
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

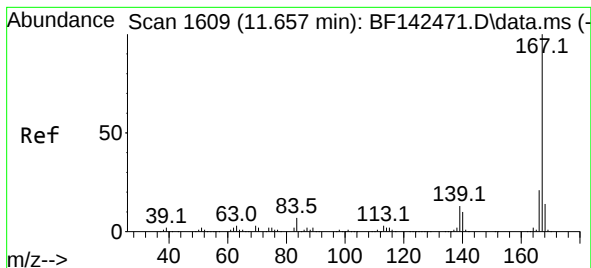
Tgt Ion:178 Resp: 875393
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.6 12.3 18.5



#72
Anthracene
Concen: 43.200 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:178 Resp: 910684
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.3 12.4 18.6





#73

Carbazole

Concen: 43.864 ng

RT: 11.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS

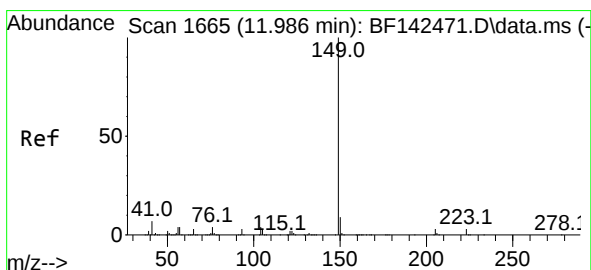
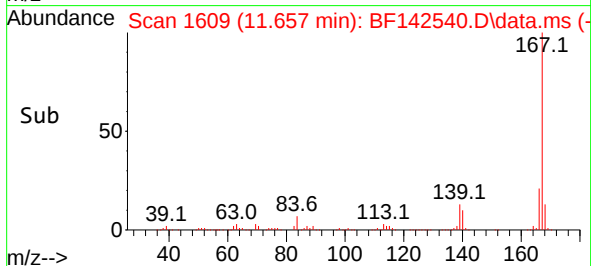
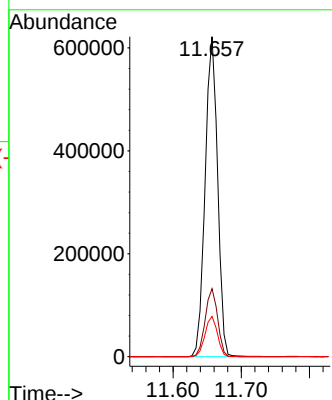
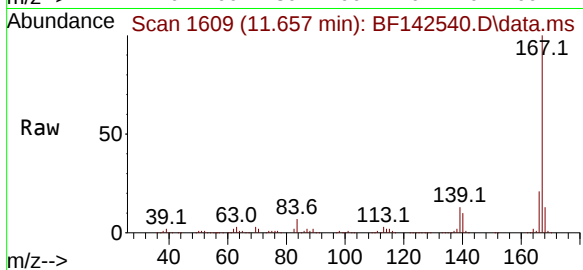
Tgt Ion:167 Resp: 790519

Ion Ratio Lower Upper

167 100

166 21.3 16.9 25.3

139 12.6 10.2 15.4



#74

Di-n-butylphthalate

Concen: 47.629 ng

RT: 11.986 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

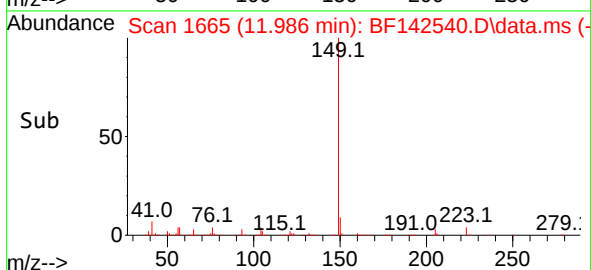
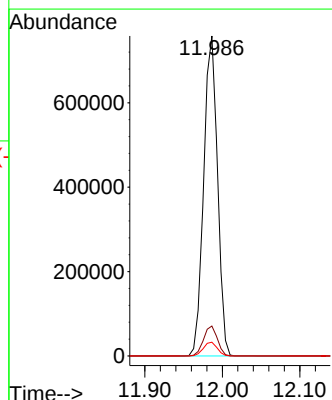
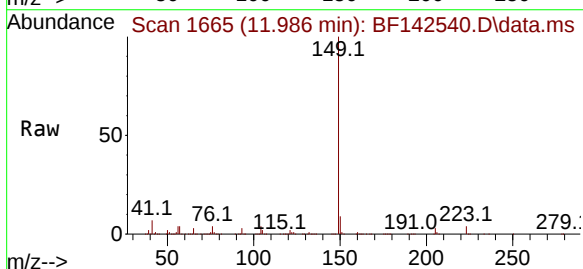
Tgt Ion:149 Resp: 939553

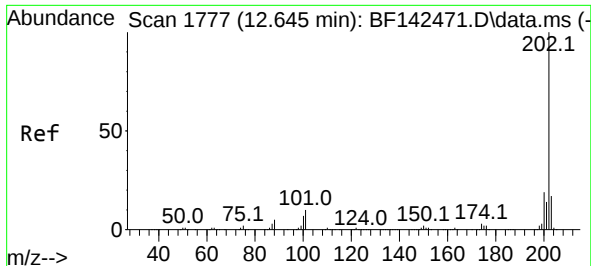
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 4.3 3.6 5.4

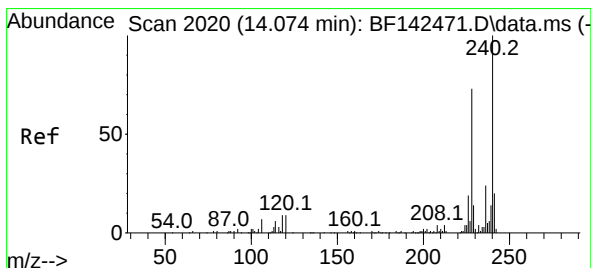
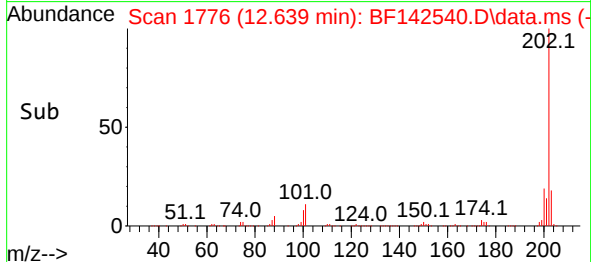
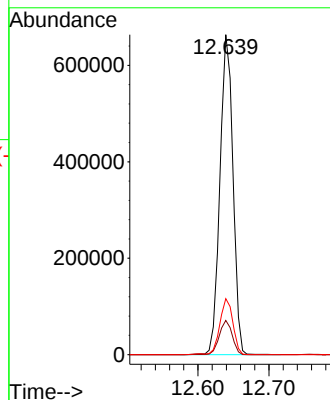
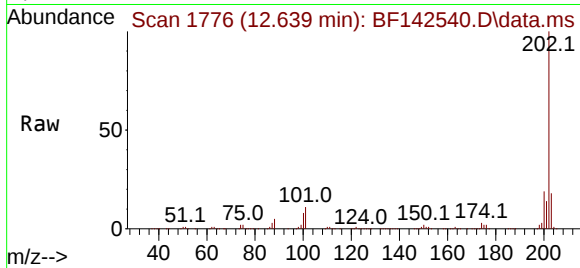




#75
Fluoranthene
Concen: 43.591 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

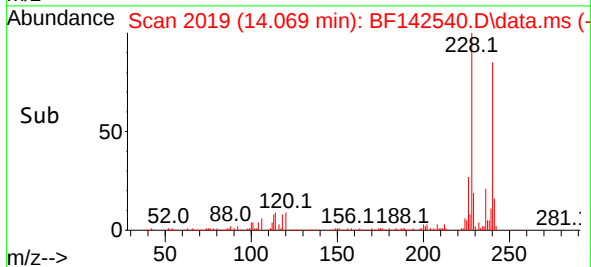
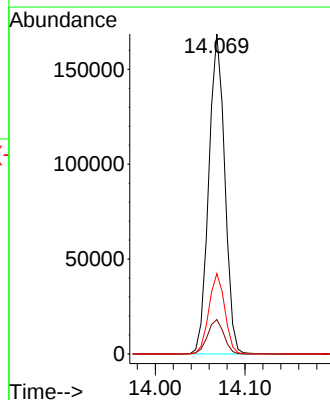
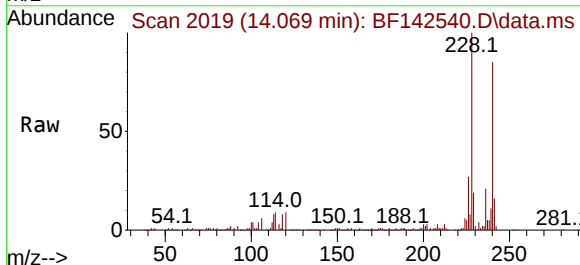
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

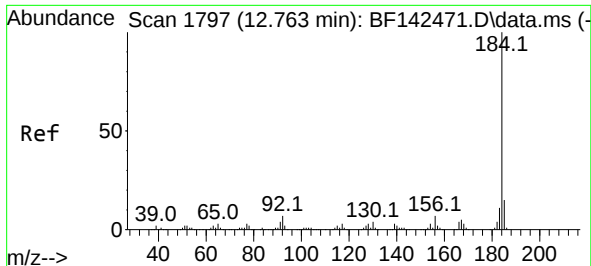
Tgt Ion:202 Resp: 841336
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.6
203 17.5 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:240 Resp: 208613
Ion Ratio Lower Upper
240 100
120 10.8 7.5 11.3
236 25.1 19.6 29.4

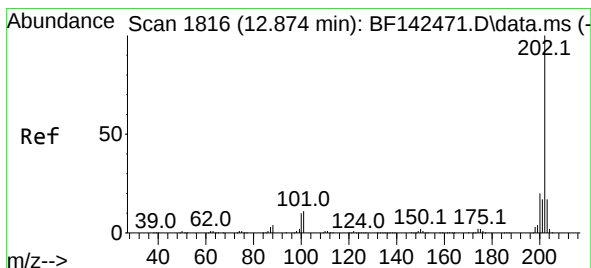
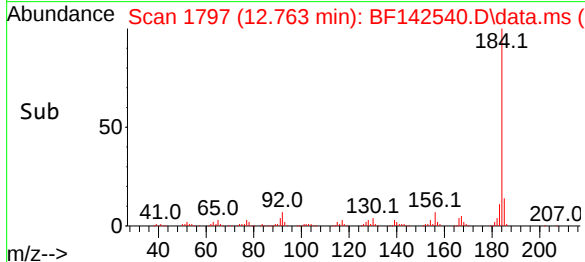
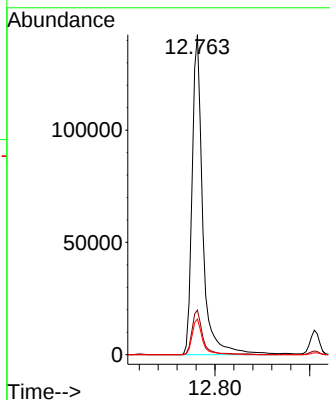
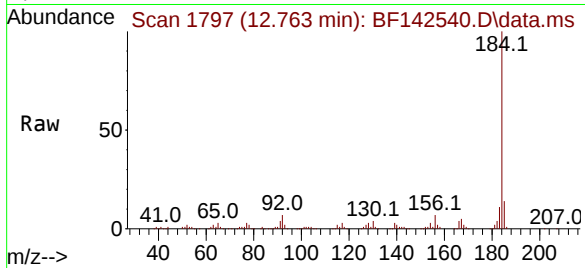




#77
Benzidine
Concen: 28.777 ng
RT: 12.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

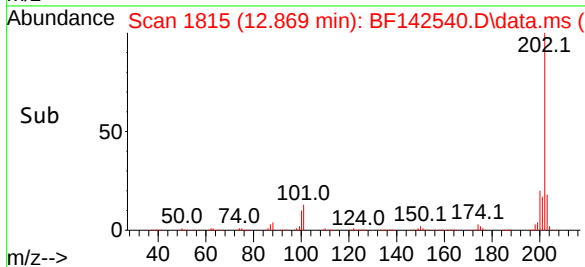
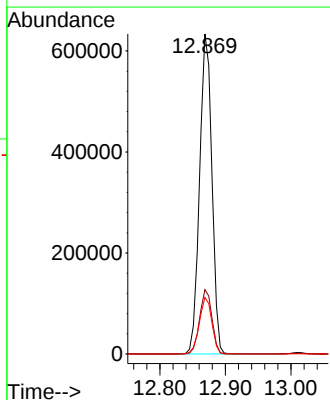
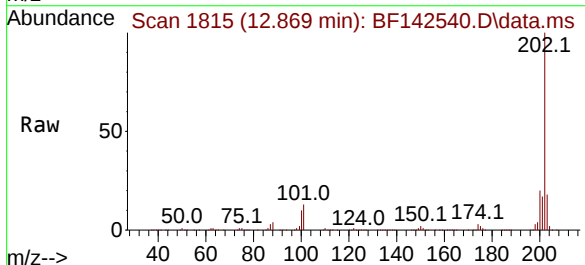
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

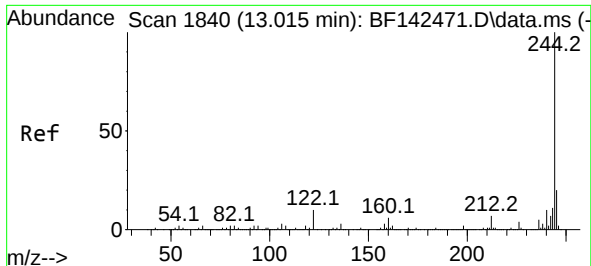
Tgt Ion:184 Resp: 223396
Ion Ratio Lower Upper
184 100
185 13.9 11.6 17.4
183 11.1 9.0 13.4



#78
Pyrene
Concen: 42.645 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:202 Resp: 829894
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.6 13.9 20.9

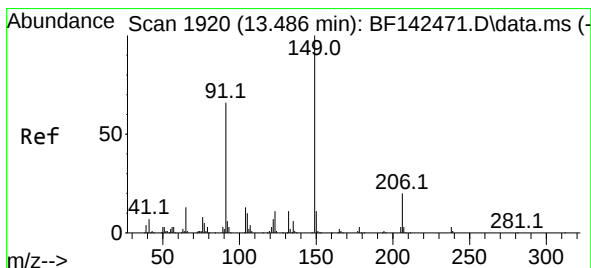
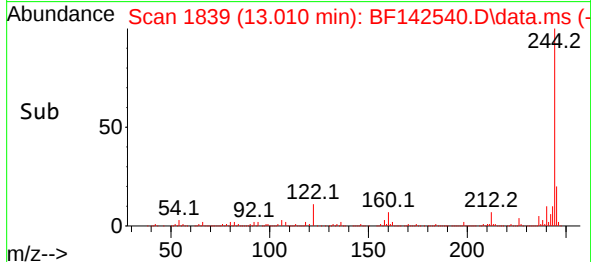
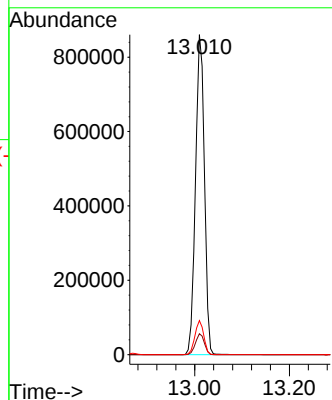
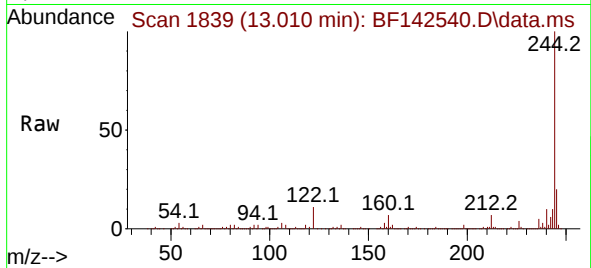




#79
 Terphenyl-d14
 Concen: 73.808 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142540.D
 Acq: 23 May 2025 17:32

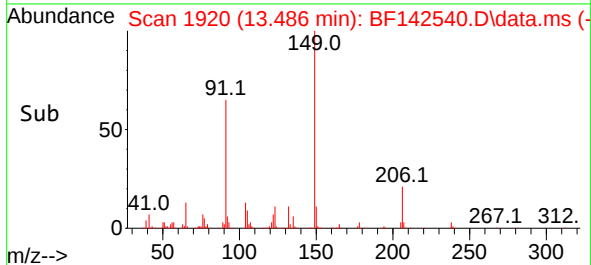
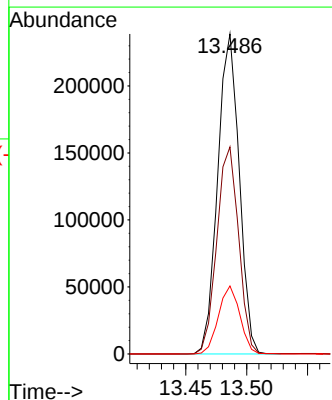
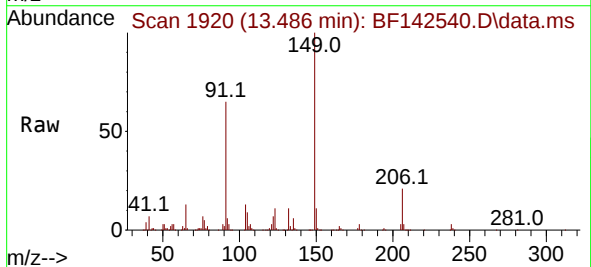
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP1MS

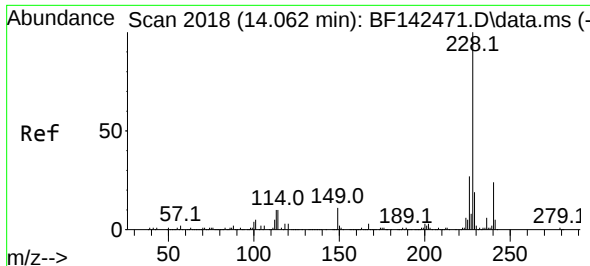
Tgt Ion:244 Resp: 1126728
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 10.7 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 54.701 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142540.D
 Acq: 23 May 2025 17:32

Tgt Ion:149 Resp: 294143
 Ion Ratio Lower Upper
 149 100
 91 64.7 52.9 79.3
 206 21.3 16.2 24.2

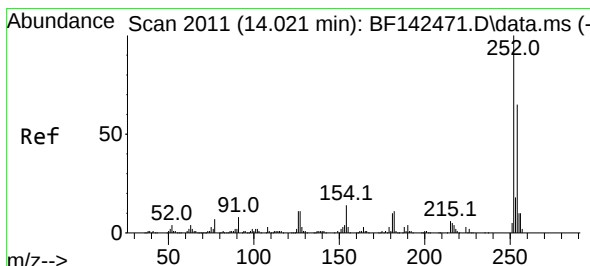
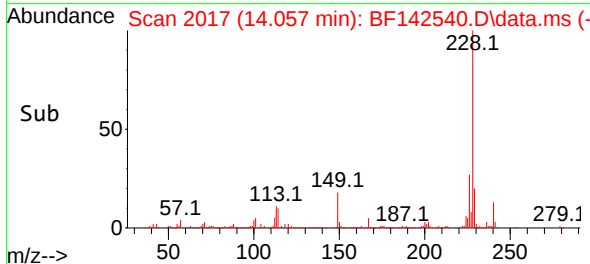
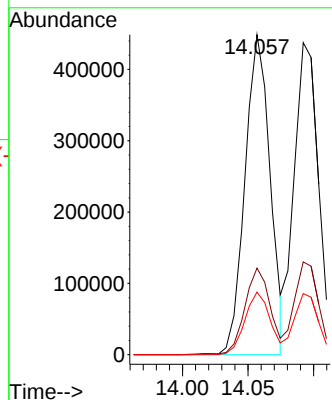
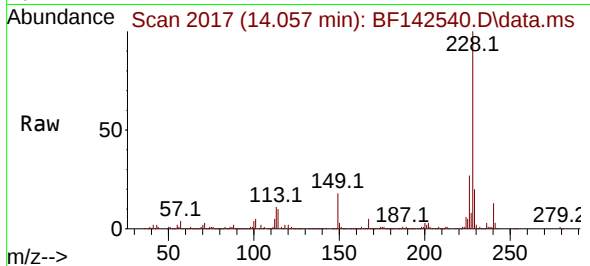




#81
Benzo(a)anthracene
Concen: 42.939 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

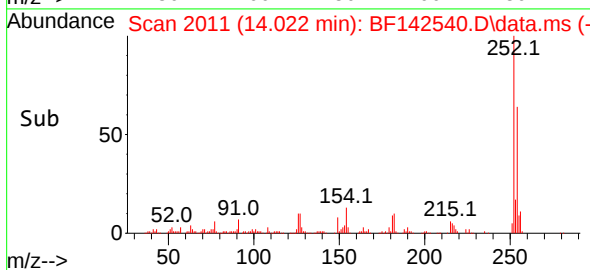
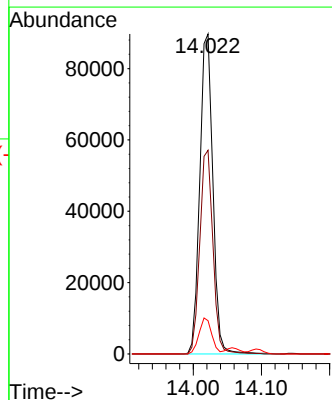
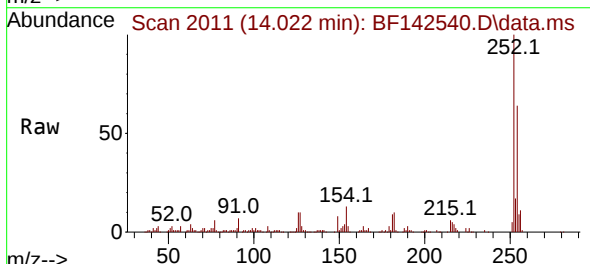
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

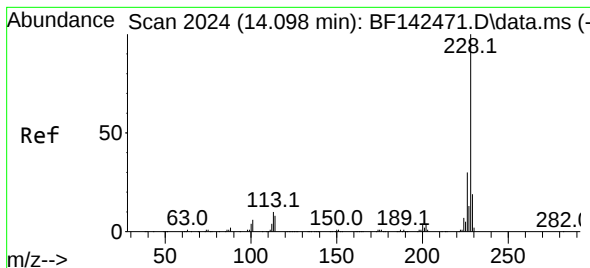
Tgt Ion:228 Resp: 598145
Ion Ratio Lower Upper
228 100
226 27.1 21.2 31.8
229 19.6 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 28.205 ng
RT: 14.022 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:252 Resp: 119170
Ion Ratio Lower Upper
252 100
254 63.7 52.0 78.0
126 10.4 8.9 13.3





#83

Chrysene

Concen: 44.951 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.011 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS

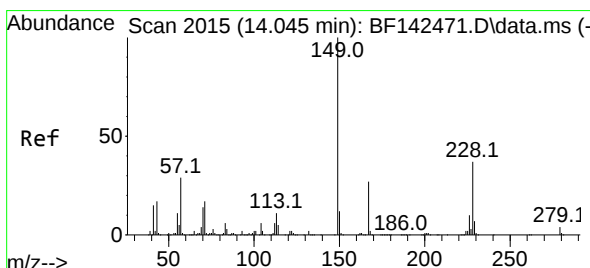
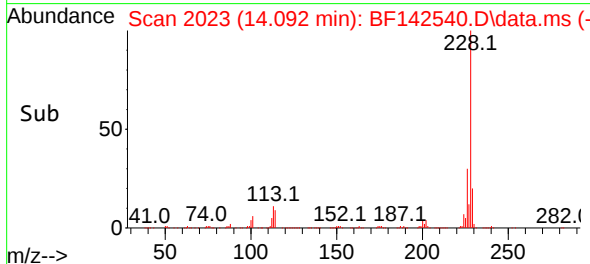
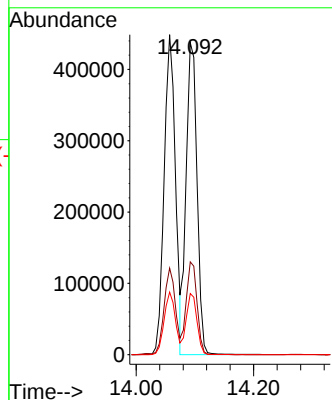
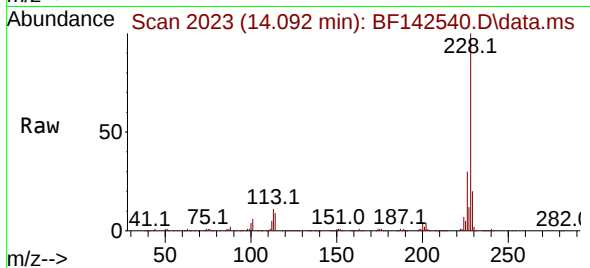
Tgt Ion:228 Resp: 562661

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

229 19.6 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.270 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

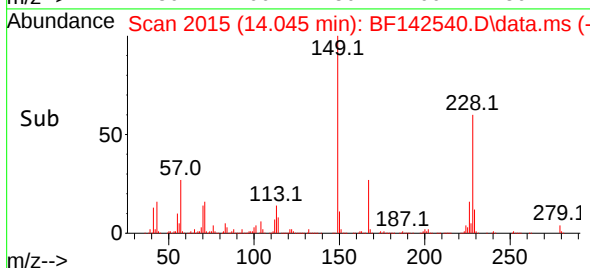
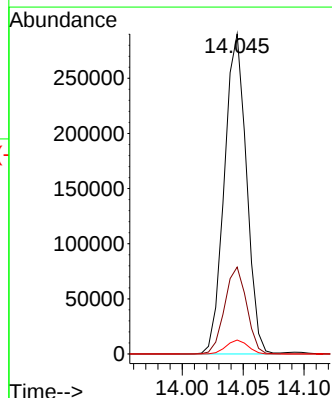
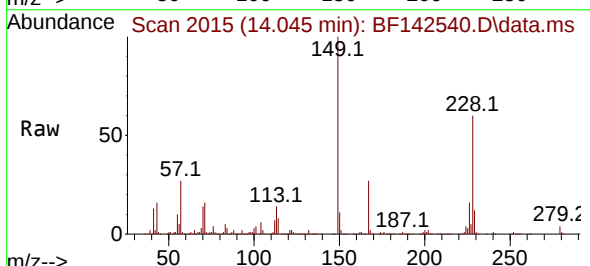
Tgt Ion:149 Resp: 366700

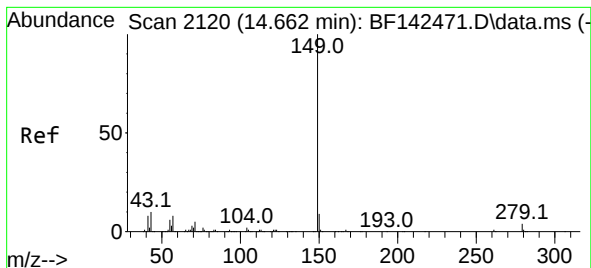
Ion Ratio Lower Upper

149 100

167 27.1 21.5 32.3

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 41.881 ng

RT: 14.657 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS

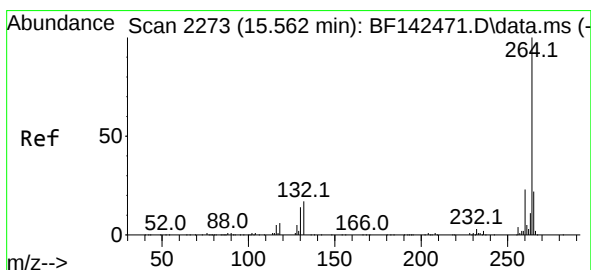
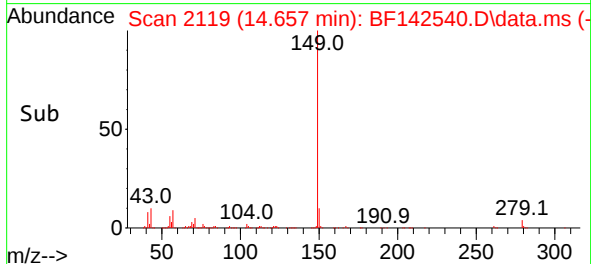
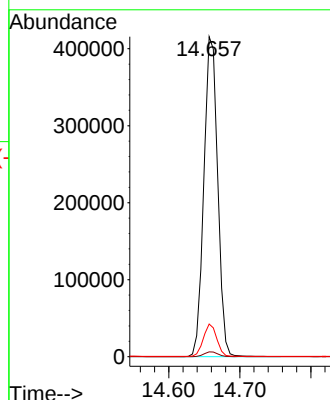
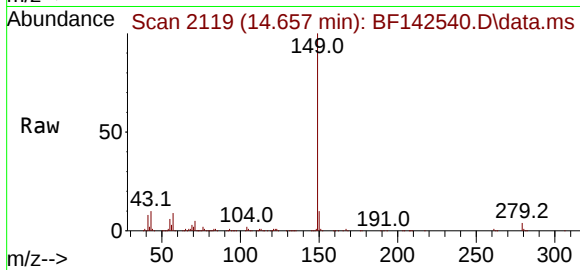
Tgt Ion:149 Resp: 563712

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.7 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

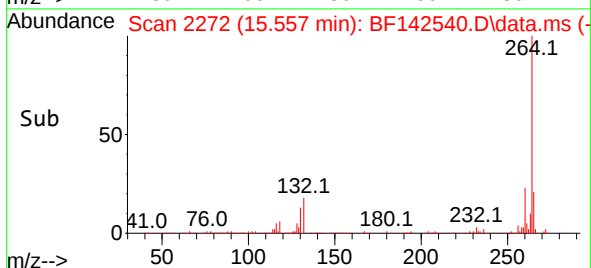
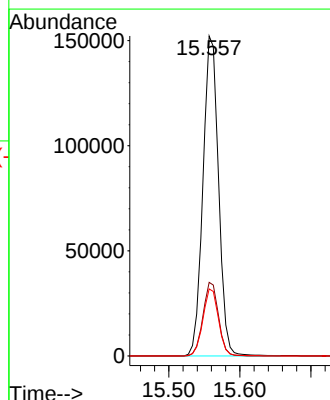
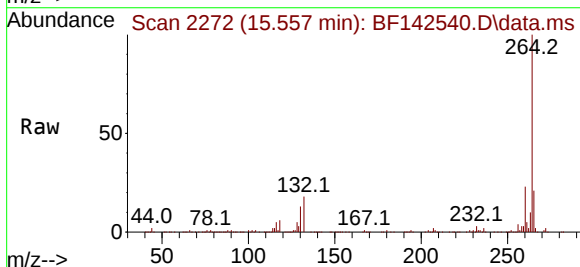
Tgt Ion:264 Resp: 232633

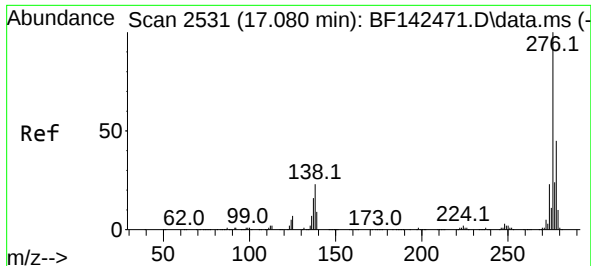
Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.0 17.7 26.5

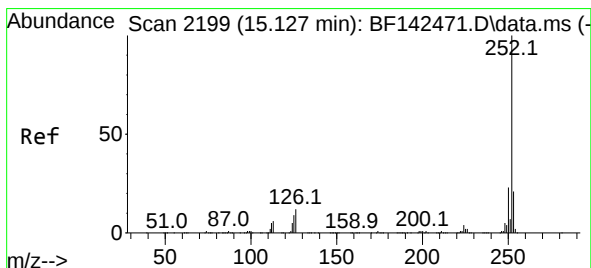
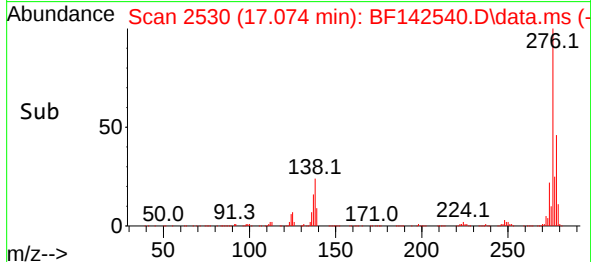
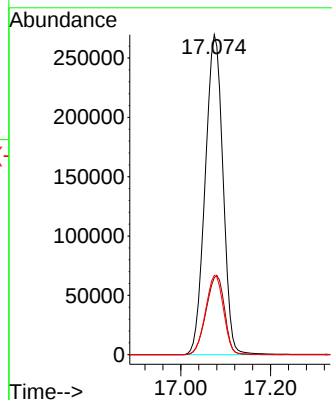
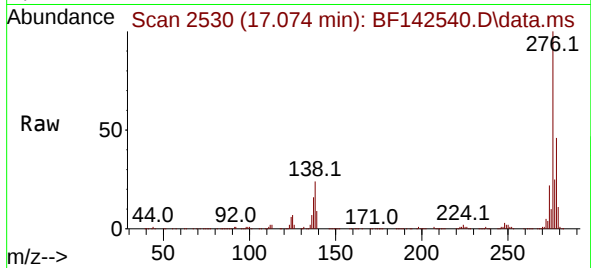




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.456 ng
RT: 17.074 min Scan# 2198
Delta R.T. -0.017 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

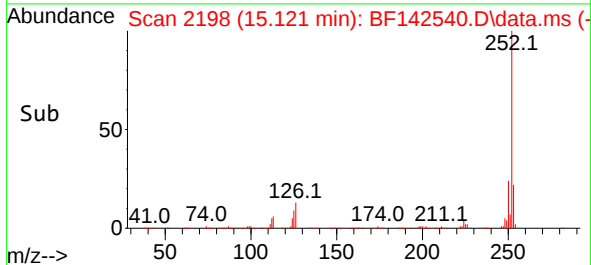
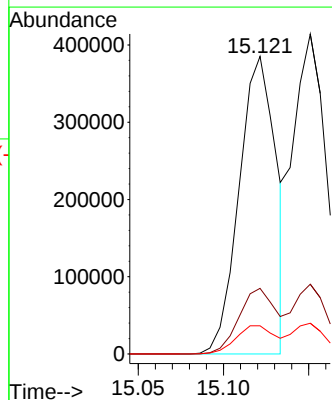
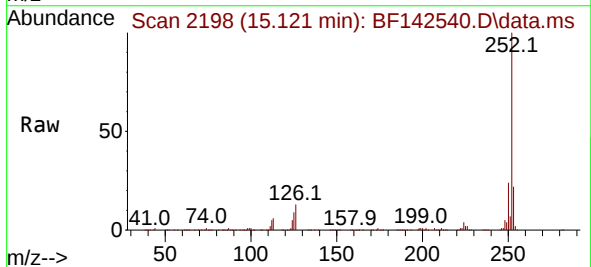
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

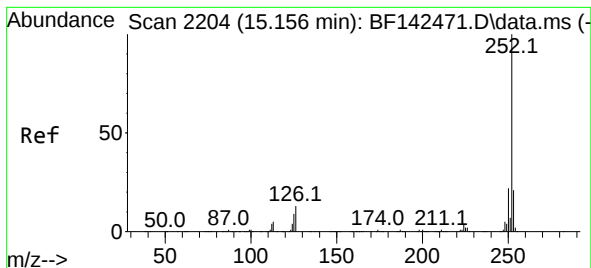
Tgt Ion:276 Resp: 741483
Ion Ratio Lower Upper
276 100
138 25.7 19.9 29.9
277 25.1 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 42.096 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:252 Resp: 579586
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 9.5 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 44.109 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS

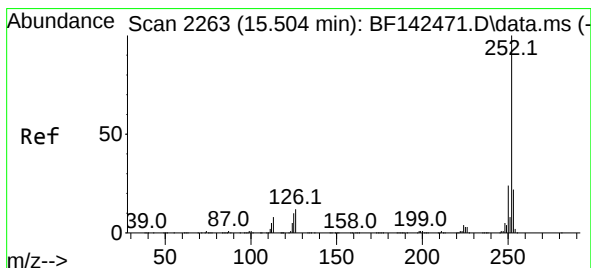
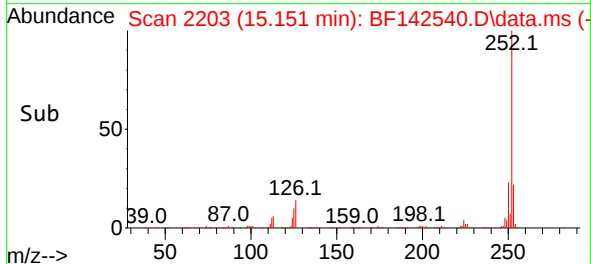
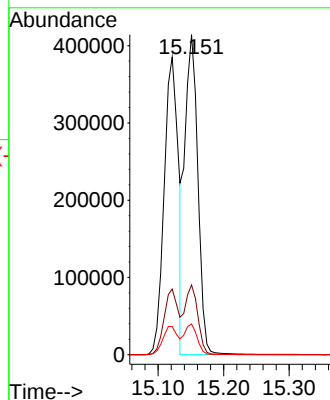
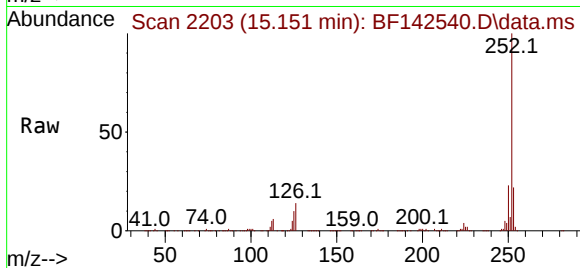
Tgt Ion:252 Resp: 568808

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

125 9.6 7.3 10.9



#90

Benzo(a)pyrene

Concen: 43.880 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.012 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

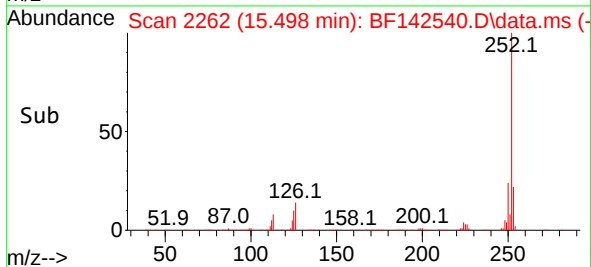
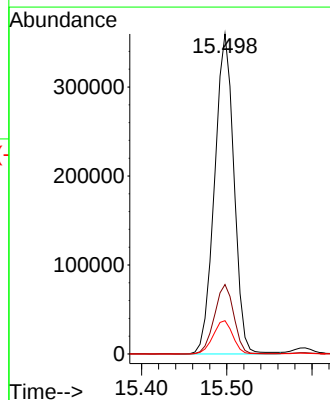
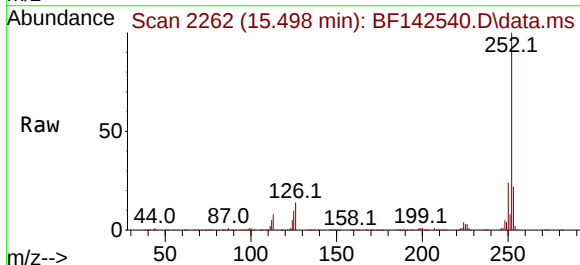
Tgt Ion:252 Resp: 569480

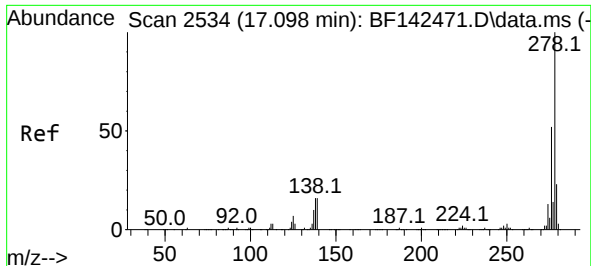
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 10.4 7.9 11.9

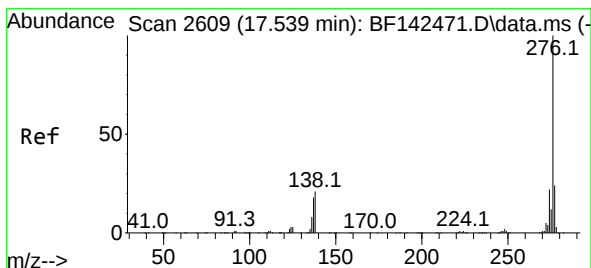
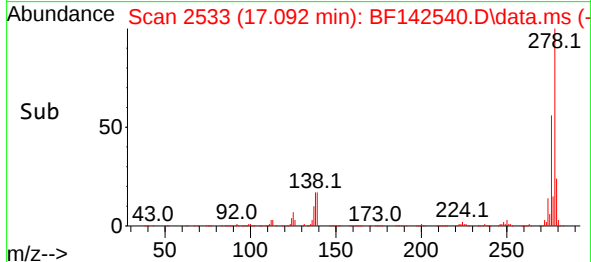
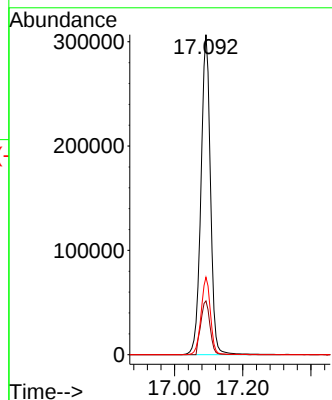
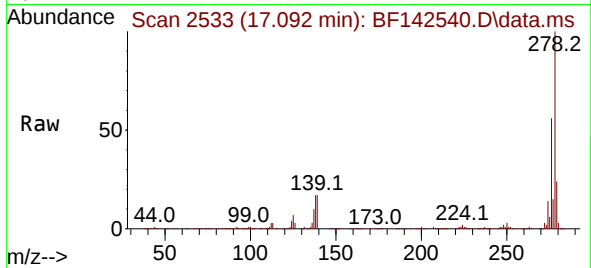




#91
Dibenzo(a,h)anthracene
Concen: 41.972 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

Tgt Ion:278 Resp: 594524
Ion Ratio Lower Upper
278 100
139 16.8 12.8 19.2
279 24.2 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 41.982 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.023 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:276 Resp: 594788
Ion Ratio Lower Upper
276 100
277 23.2 19.2 28.8
138 22.1 16.8 25.2

