

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
 Data File : BF142557.D
 Acq On : 27 May 2025 12:39
 Operator : RC/JU
 Sample : PB168143BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168143BSD

Quant Time: May 27 13:01:12 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	110909	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	436992	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	243793	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	424557	20.000	ng	0.00
76) Chrysene-d12	14.074	240	233295	20.000	ng	0.00
86) Perylene-d12	15.562	264	236170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	782953	118.934	ng	0.00
7) Phenol-d6	6.528	99	956580	120.712	ng	0.00
23) Nitrobenzene-d5	7.463	82	591552	73.815	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	342451	126.562	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1284176	70.682	ng	-0.01
79) Terphenyl-d14	13.015	244	1279885	74.970	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	93586	35.526	ng	100
3) Pyridine	3.516	79	264797	39.473	ng	98
4) n-Nitrosodimethylamine	3.469	42	145045	41.643	ng	93
6) Aniline	6.563	93	277863	26.078	ng	100
8) 2-Chlorophenol	6.681	128	311327	43.418	ng	98
9) Benzaldehyde	6.451	77	180591	37.889	ng	98
10) Phenol	6.539	94	371595	41.674	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	272853	42.510	ng	100
12) 1,3-Dichlorobenzene	6.839	146	333178	41.641	ng	99
13) 1,4-Dichlorobenzene	6.916	146	336857	41.796	ng	99
14) 1,2-Dichlorobenzene	7.069	146	320246	41.526	ng	99
15) Benzyl Alcohol	7.039	79	252511	43.119	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	457857	42.477	ng	96
17) 2-Methylphenol	7.151	107	245308	43.819	ng	99
18) Hexachloroethane	7.410	117	116003	41.219	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	206493	42.045	ng	99
20) 3+4-Methylphenols	7.304	107	301076	41.997	ng	96
22) Acetophenone	7.304	105	401105	41.464	ng	95
24) Nitrobenzene	7.481	77	303312	41.964	ng	99
25) Isophorone	7.722	82	559801	41.780	ng	99
26) 2-Nitrophenol	7.798	139	170673	44.192	ng	97
27) 2,4-Dimethylphenol	7.833	122	296614	43.550	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	355377	42.459	ng	99
29) 2,4-Dichlorophenol	8.039	162	268022	43.272	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	283124	42.118	ng	98
31) Naphthalene	8.204	128	901109	41.878	ng	100
32) Benzoic acid	7.951	122	197606	47.663	ng	98
33) 4-Chloroaniline	8.251	127	79880	9.162	ng	97
34) Hexachlorobutadiene	8.322	225	170806	40.695	ng	98
35) Caprolactam	8.622	113	83564m	48.036	ng	
36) 4-Chloro-3-methylphenol	8.733	107	278698	43.905	ng	98
37) 2-Methylnaphthalene	8.898	142	564873	41.728	ng	99
38) 1-Methylnaphthalene	8.998	142	582789	41.621	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	287406	41.068	ng	99
41) Hexachlorocyclopentadiene	9.051	237	397060	84.106	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	202473	42.906	ng	97

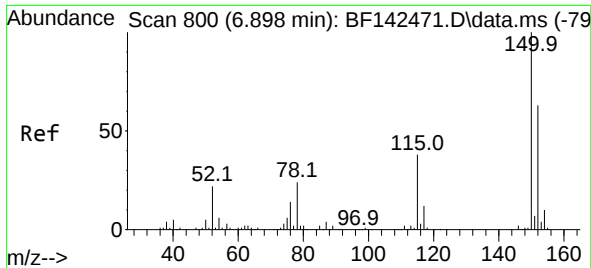
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	215868	43.374	ng	98
46) 1,1'-Biphenyl	9.363	154	770161	40.719	ng	99
47) 2-Chloronaphthalene	9.386	162	572831	40.992	ng	99
48) 2-Nitroaniline	9.480	65	174413	43.180	ng	97
49) Acenaphthylene	9.804	152	985306	41.756	ng	100
50) Dimethylphthalate	9.663	163	691750	43.002	ng	100
51) 2,6-Dinitrotoluene	9.722	165	154675	44.550	ng	99
52) Acenaphthene	9.974	154	667231	46.307	ng	100
53) 3-Nitroaniline	9.892	138	72247	19.052	ng	98
54) 2,4-Dinitrophenol	9.998	184	184224	102.704	ng	93
55) Dibenzofuran	10.151	168	864711	41.704	ng	99
56) 4-Nitrophenol	10.051	139	256288	91.595	ng	98
57) 2,4-Dinitrotoluene	10.127	165	214136	47.227	ng	99
58) Fluorene	10.492	166	672154	41.962	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	177969	42.834	ng	98
60) Diethylphthalate	10.363	149	682499	43.442	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	328958	41.805	ng	98
62) 4-Nitroaniline	10.510	138	158084	45.964	ng	98
63) Azobenzene	10.639	77	609467	43.191	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	115059	48.561	ng	97
66) n-Nitrosodiphenylamine	10.604	169	602642	41.490	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	209595	41.751	ng	97
68) Hexachlorobenzene	11.039	284	230219	41.463	ng	99
69) Atrazine	11.127	200	182674	47.356	ng	100
70) Pentachlorophenol	11.233	266	272347	86.880	ng	99
71) Phenanthrene	11.457	178	943128	41.567	ng	100
72) Anthracene	11.510	178	963931	41.628	ng	99
73) Carbazole	11.663	167	866693	43.781	ng	99
74) Di-n-butylphthalate	11.986	149	1003125	46.294	ng	99
75) Fluoranthene	12.645	202	950013	44.810	ng	99
77) Benzidine	12.763	184	284788	32.804	ng	99
78) Pyrene	12.874	202	937667	43.085	ng	100
80) Butylbenzylphthalate	13.486	149	299031	49.726	ng	100
81) Benzo(a)anthracene	14.062	228	679726	43.633	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	78017	16.511	ng	99
83) Chrysene	14.098	228	599174	42.804	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	371540	48.263	ng	99
85) Di-n-octyl phthalate	14.662	149	628500	41.754	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	752003	42.414	ng	99
88) Benzo(b)fluoranthene	15.127	252	593611	42.469	ng	99
89) Benzo(k)fluoranthene	15.156	252	568001	43.387	ng	99
90) Benzo(a)pyrene	15.504	252	578256	43.889	ng	99
91) Dibenzo(a,h)anthracene	17.103	278	613397	42.656	ng	99
92) Benzo(g,h,i)perylene	17.545	276	610242	42.428	ng	99

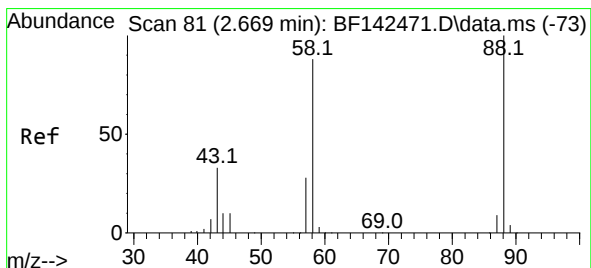
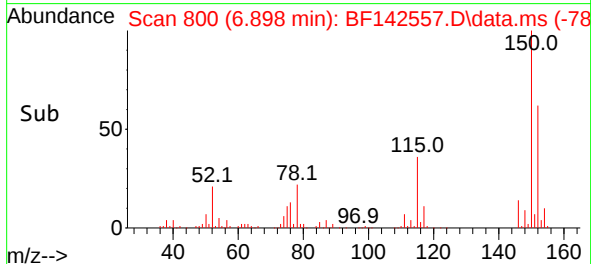
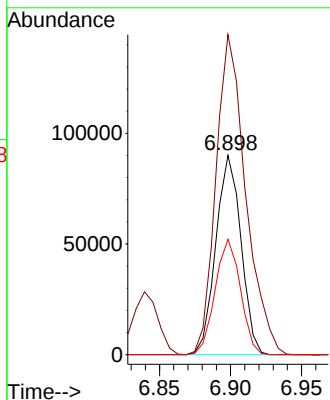
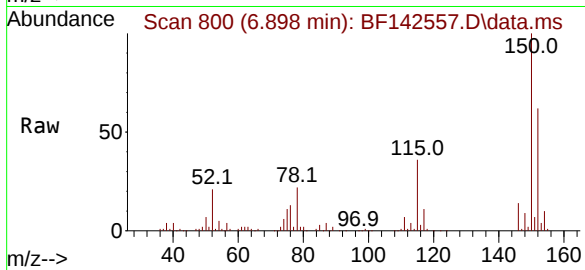
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142557.D
 Acq: 27 May 2025 12:39

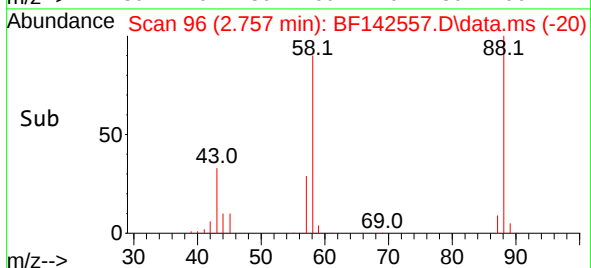
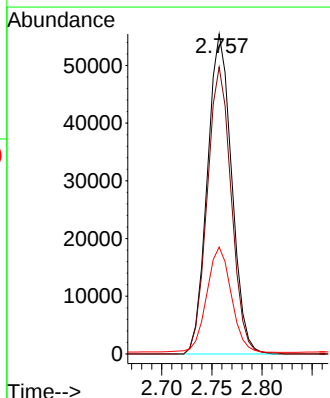
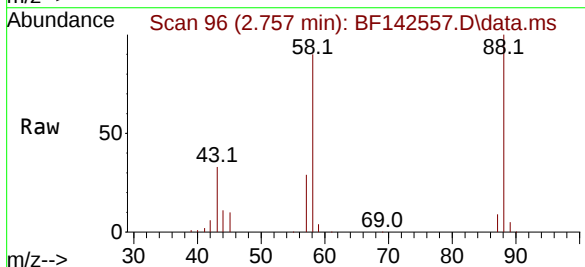
Instrument :
 BNA_F
 ClientSampleId :
 PB168143BSD

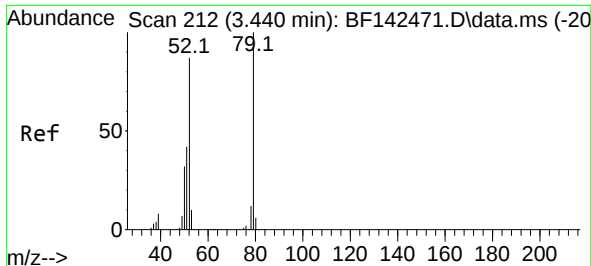
Tgt Ion:152 Resp: 110909
 Ion Ratio Lower Upper
 152 100
 150 160.5 128.2 192.4
 115 57.9 48.3 72.5



#2
 1,4-Dioxane
 Concen: 35.526 ng
 RT: 2.757 min Scan# 96
 Delta R.T. 0.094 min
 Lab File: BF142557.D
 Acq: 27 May 2025 12:39

Tgt Ion: 88 Resp: 93586
 Ion Ratio Lower Upper
 88 100
 58 88.6 70.8 106.2
 43 33.6 26.6 40.0





#3

Pyridine

Concen: 39.473 ng

RT: 3.516 min Scan# 21

Delta R.T. 0.076 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

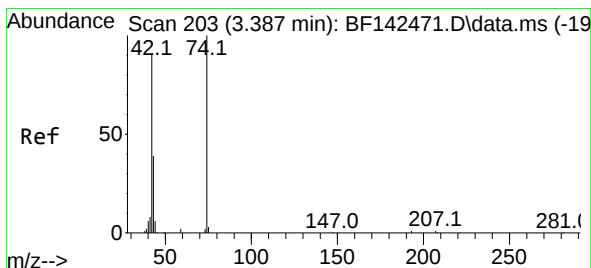
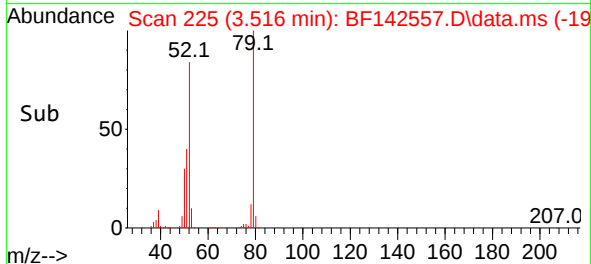
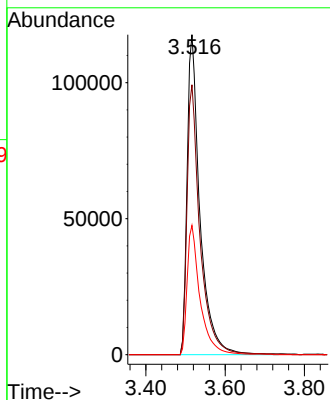
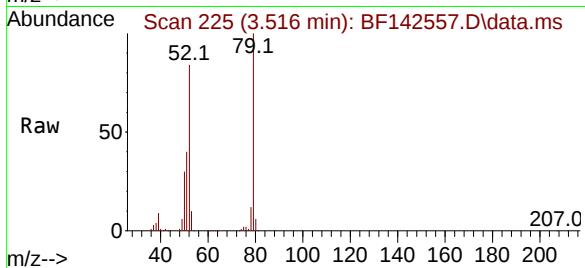
Tgt Ion: 79 Resp: 264797

Ion Ratio Lower Upper

79 100

52 84.4 69.2 103.8

51 40.4 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 41.643 ng

RT: 3.469 min Scan# 217

Delta R.T. 0.065 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

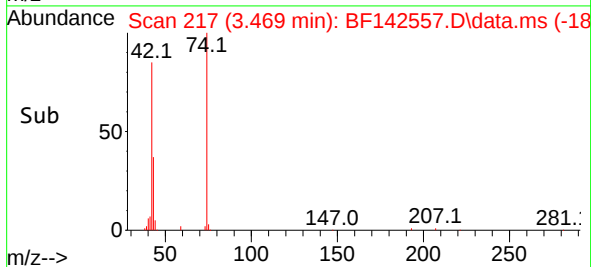
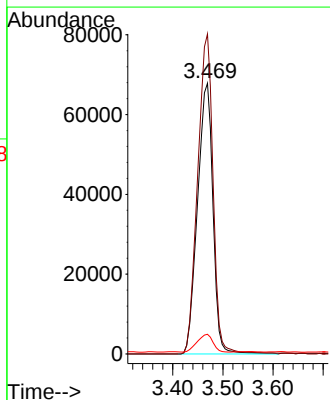
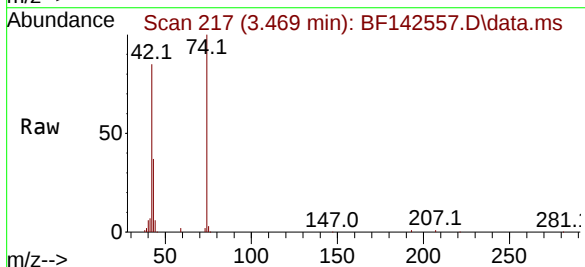
Tgt Ion: 42 Resp: 145045

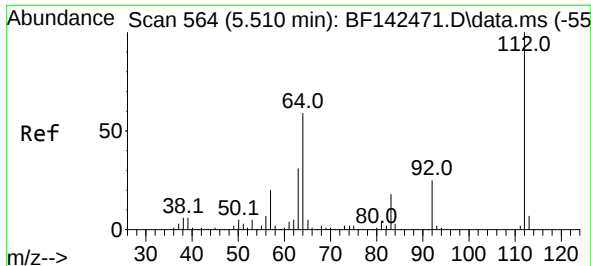
Ion Ratio Lower Upper

42 100

74 118.2 88.2 132.4

44 7.3 5.4 8.2

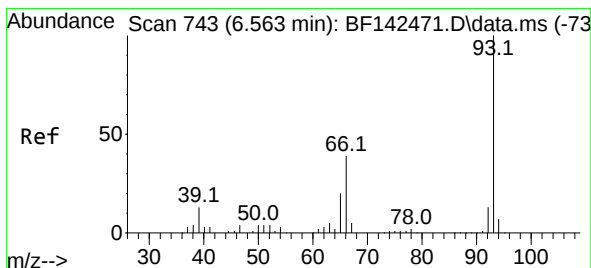
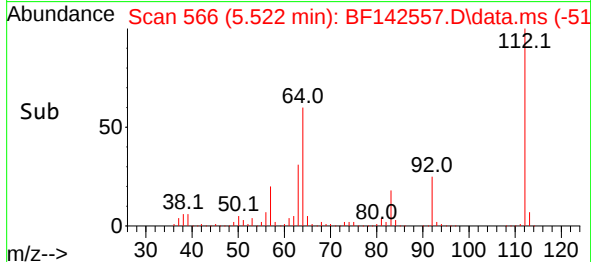
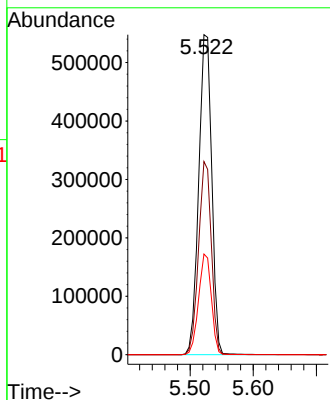
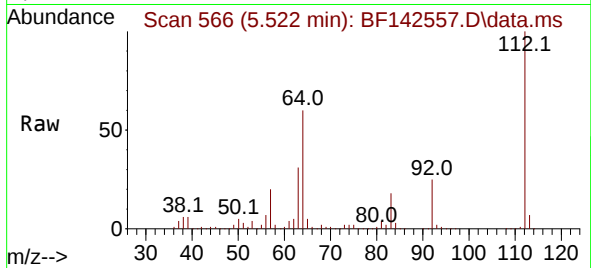




#5
2-Fluorophenol
Concen: 118.934 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

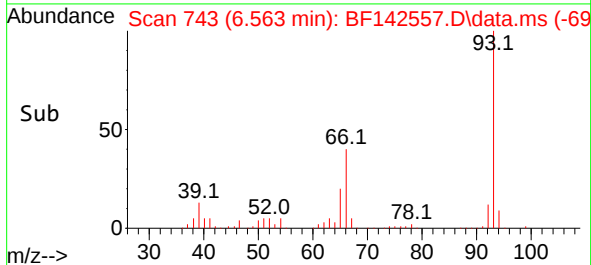
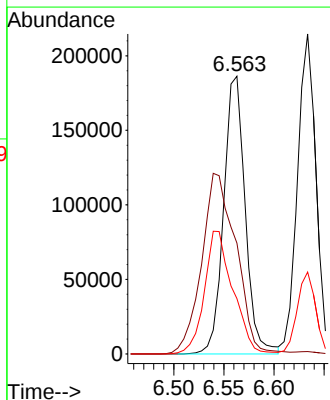
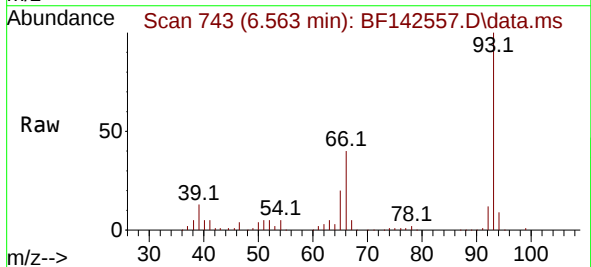
Instrument :
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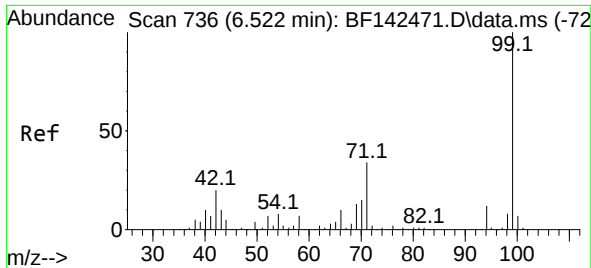
Tgt Ion:112 Resp: 782953
Ion Ratio Lower Upper
112 100
64 60.3 47.5 71.3
63 31.5 24.9 37.3



#6
Aniline
Concen: 26.078 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion: 93 Resp: 277863
Ion Ratio Lower Upper
93 100
66 39.9 32.0 48.0
65 19.9 16.1 24.1

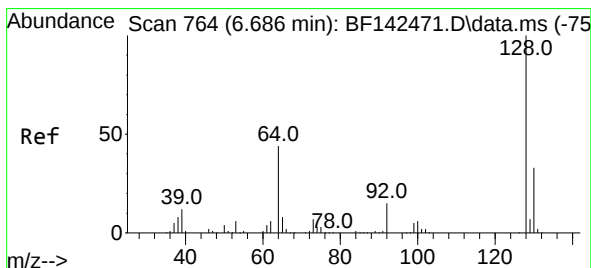
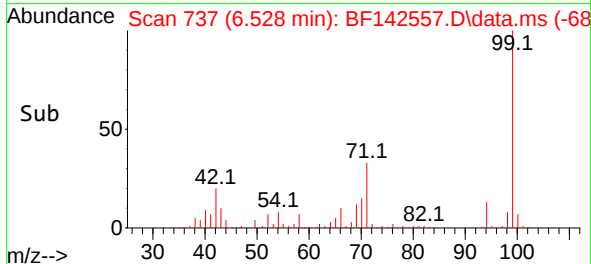
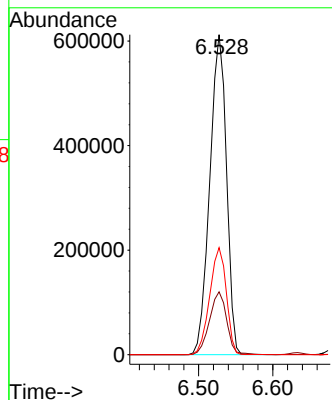
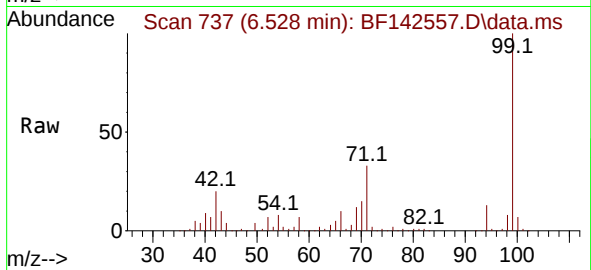




#7
Phenol-d6
Concen: 120.712 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

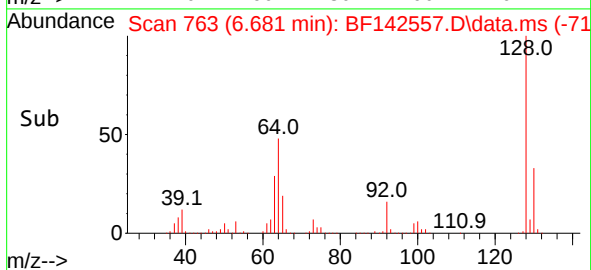
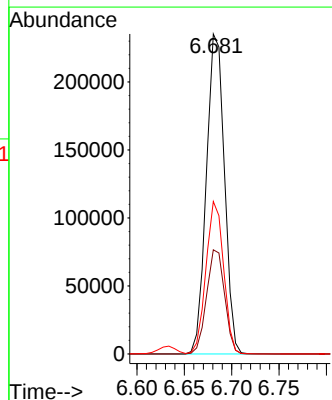
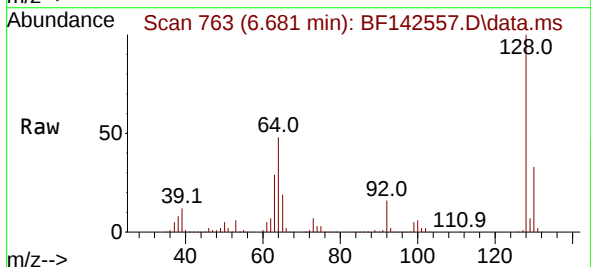
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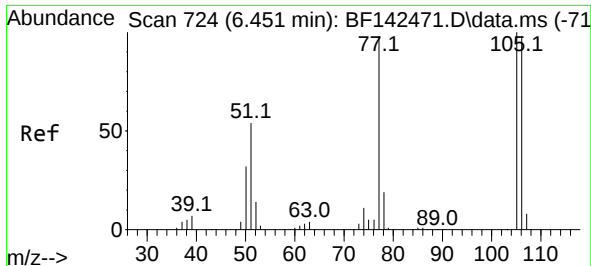
Tgt Ion: 99 Resp: 956580
Ion Ratio Lower Upper
99 100
42 19.6 16.2 24.2
71 33.5 27.3 40.9



#8
2-Chlorophenol
Concen: 43.418 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:128 Resp: 311327
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 47.6 25.1 65.1





#9

Benzaldehyde

Concen: 37.889 ng

RT: 6.451 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

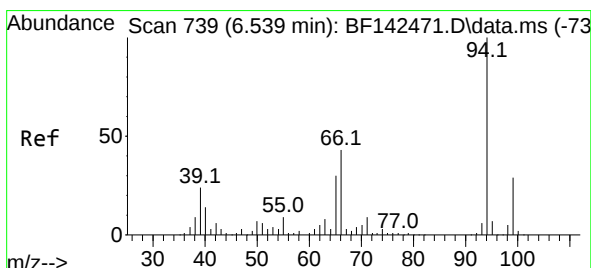
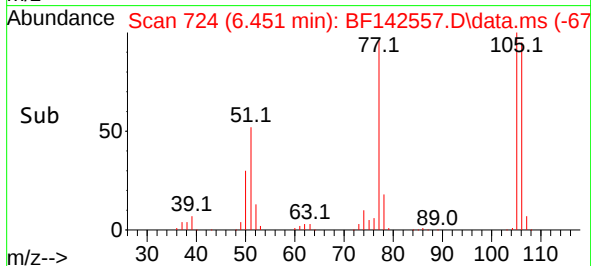
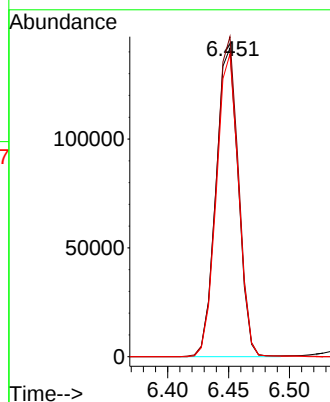
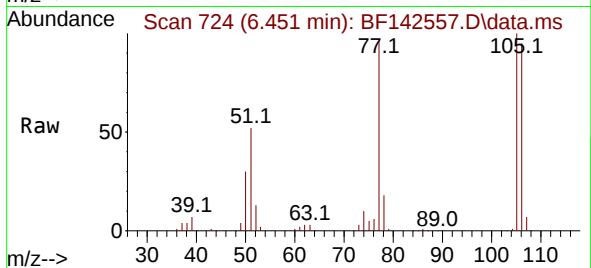
Tgt Ion: 77 Resp: 180591

Ion Ratio Lower Upper

77 100

105 103.7 82.5 122.5

106 98.1 80.0 120.0



#10

Phenol

Concen: 41.674 ng

RT: 6.539 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

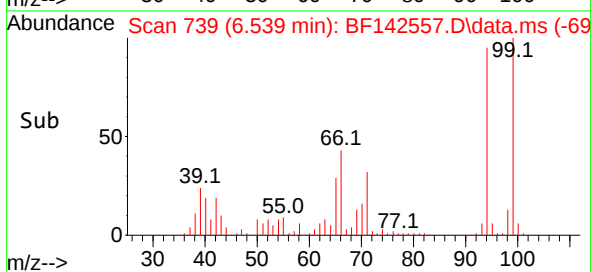
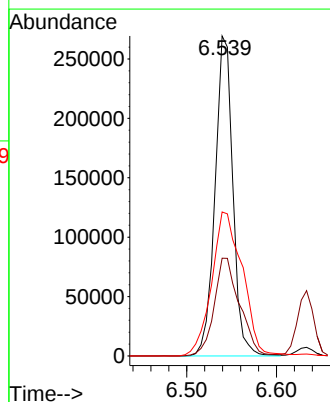
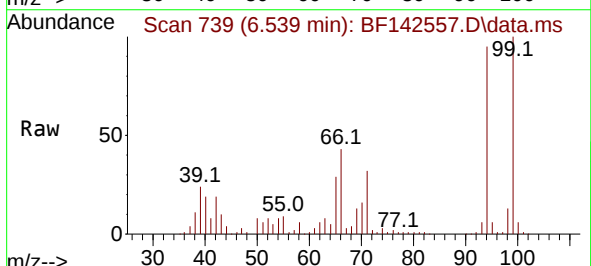
Tgt Ion: 94 Resp: 371595

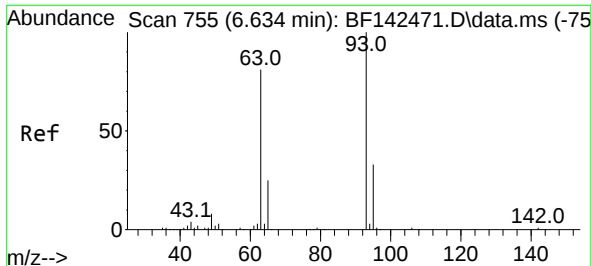
Ion Ratio Lower Upper

94 100

65 30.6 10.3 50.3

66 45.0 22.6 62.6





#11

bis(2-Chloroethyl)ether

Concen: 42.510 ng

RT: 6.634 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

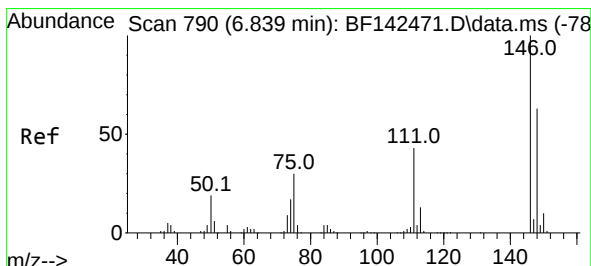
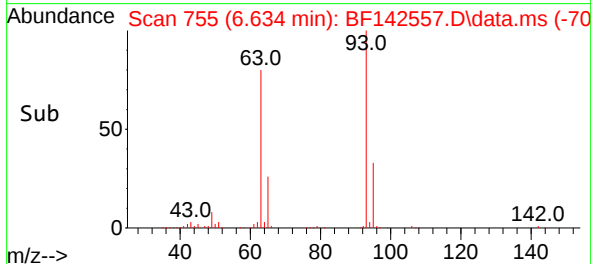
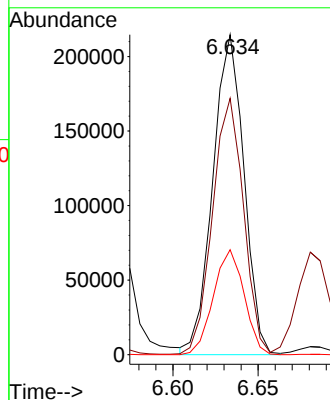
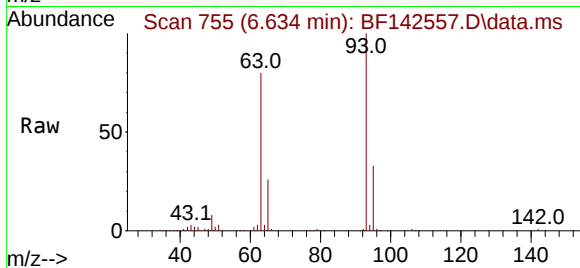
Tgt Ion: 93 Resp: 272853

Ion Ratio Lower Upper

93 100

63 80.1 60.2 100.2

95 32.8 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 41.641 ng

RT: 6.839 min Scan# 790

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

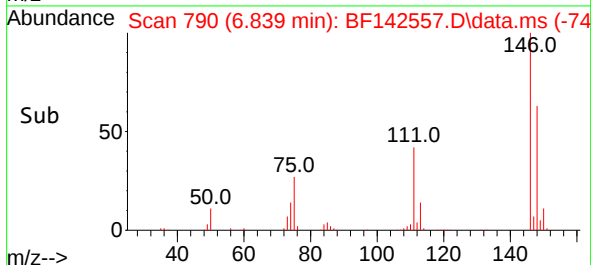
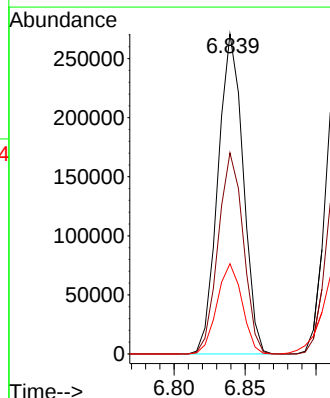
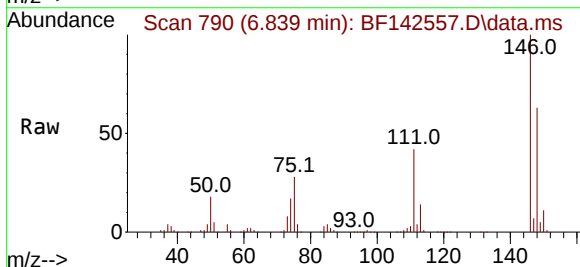
Tgt Ion:146 Resp: 333178

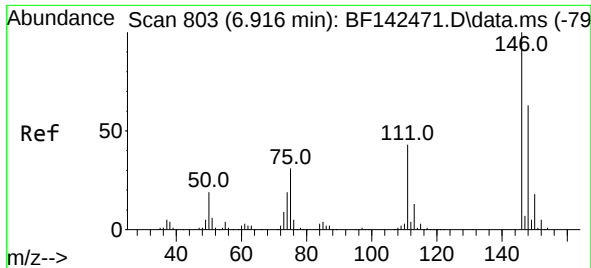
Ion Ratio Lower Upper

146 100

148 62.9 50.6 75.8

75 28.2 23.8 35.6

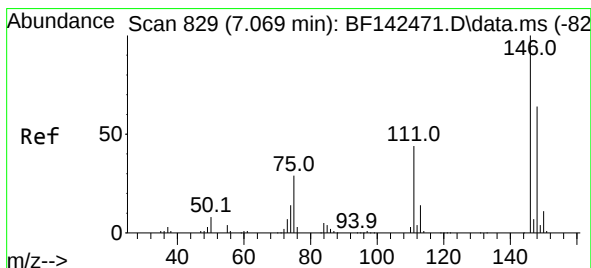
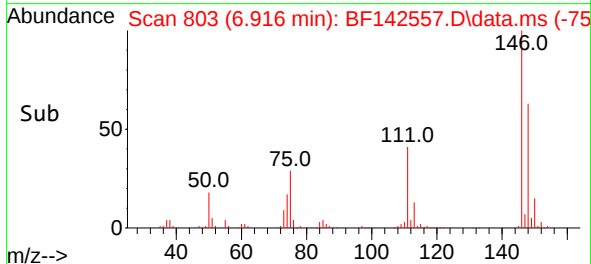
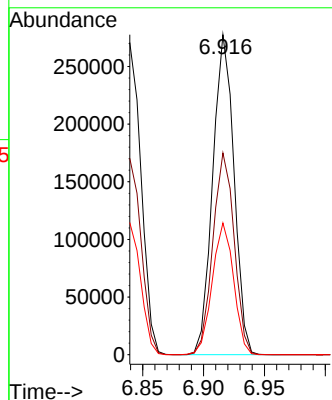
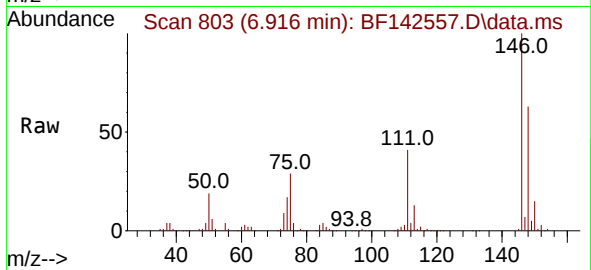




#13
1,4-Dichlorobenzene
Concen: 41.796 ng
RT: 6.916 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

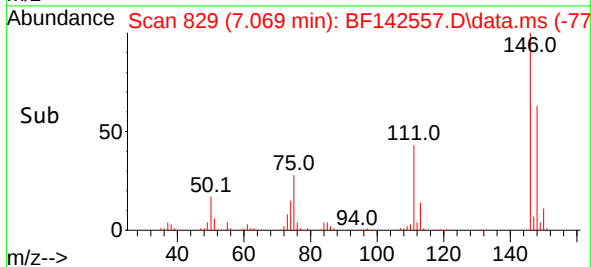
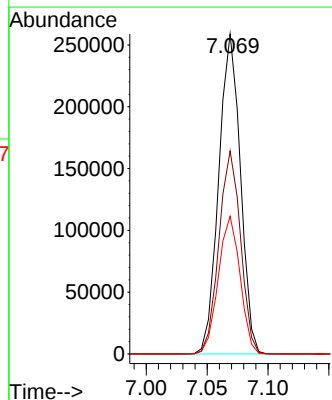
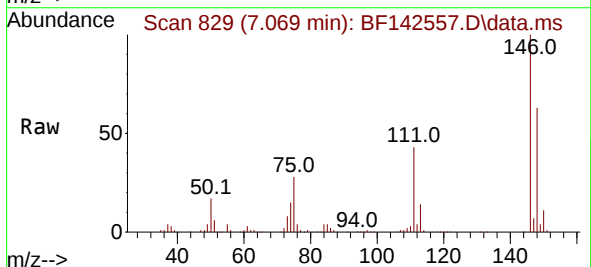
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

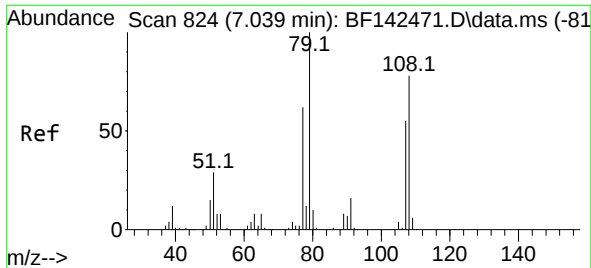
Tgt Ion:146 Resp: 336857
Ion Ratio Lower Upper
146 100
148 63.1 50.4 75.6
111 41.2 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 41.526 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:146 Resp: 320246
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
111 43.0 35.0 52.6

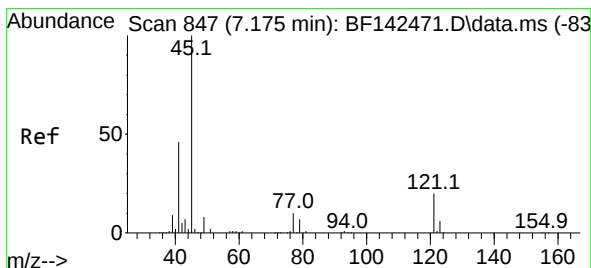
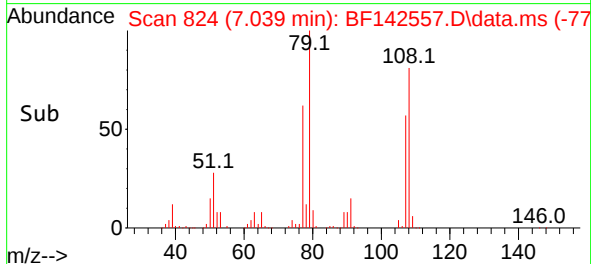
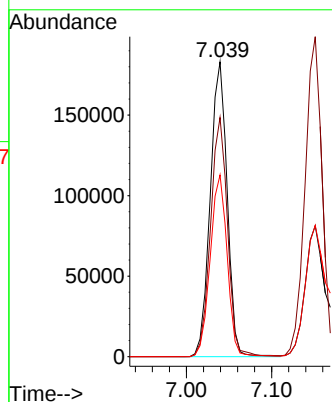
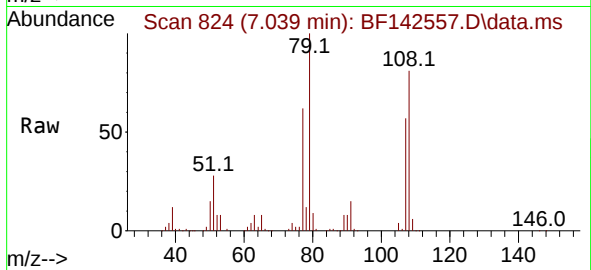




#15
Benzyl Alcohol
Concen: 43.119 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

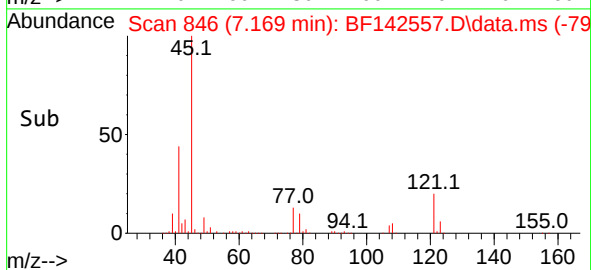
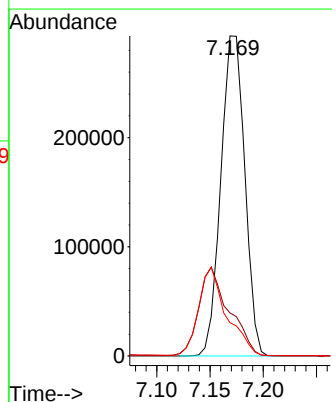
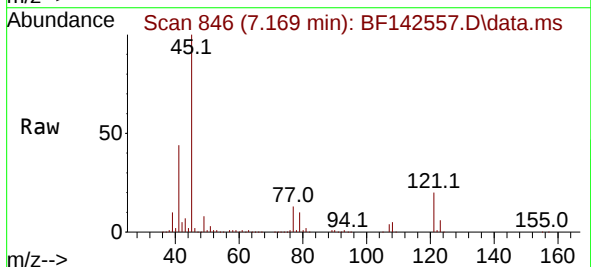
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

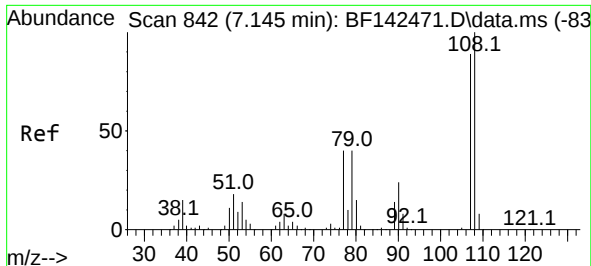
Tgt Ion: 79 Resp: 252511
Ion Ratio Lower Upper
79 100
108 81.1 62.1 93.1
77 61.6 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.477 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

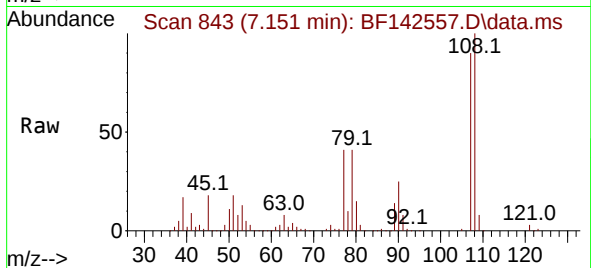
Tgt Ion: 45 Resp: 457857
Ion Ratio Lower Upper
45 100
77 13.4 0.0 32.0
79 10.4 0.0 29.2



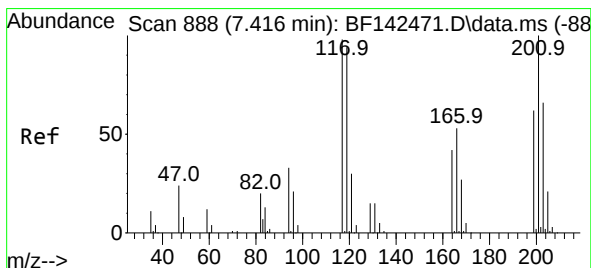
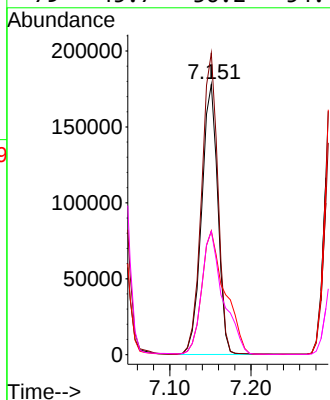
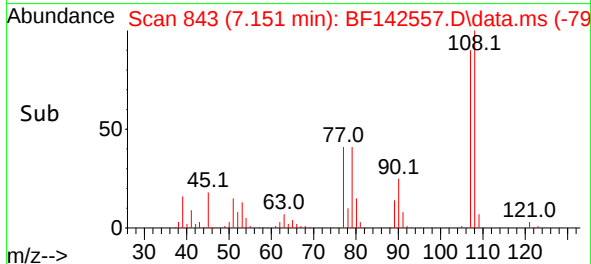


#17
2-Methylphenol
Concen: 43.819 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

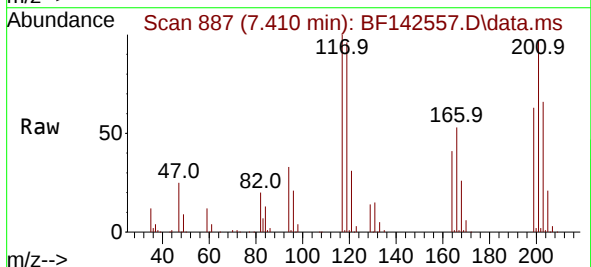
Instrument :
BNA_F
ClientSampleId :
PB168143BSD



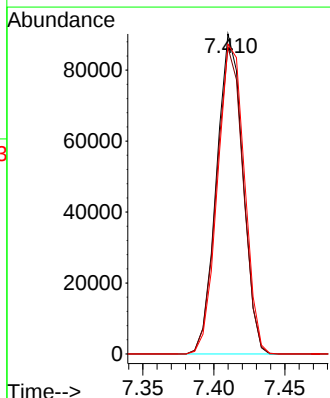
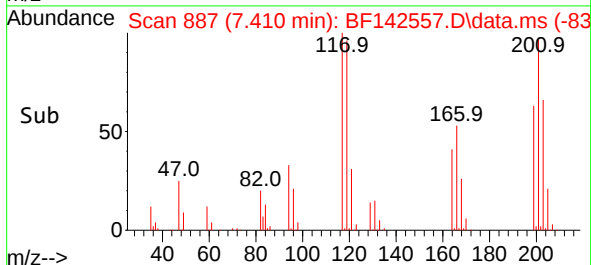
Tgt Ion:	107	Resp:	245308
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.2	135.2
77	45.8	36.1	54.1
79	45.7	36.2	54.4

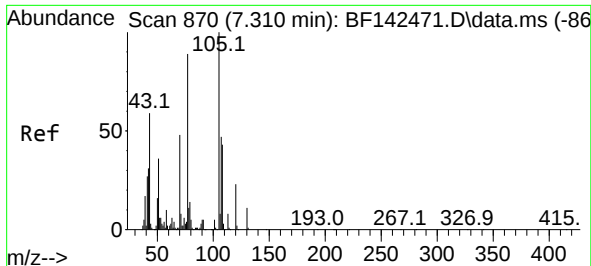


#18
Hexachloroethane
Concen: 41.219 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39



Tgt Ion:	117	Resp:	116003
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	114.8
201	96.8	81.3	121.9





#19

n-Nitroso-di-n-propylamine

Concen: 42.045 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

Tgt Ion: 70 Resp: 206493

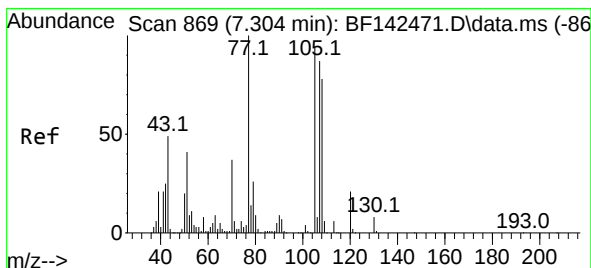
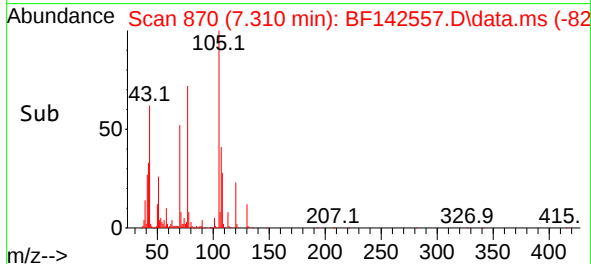
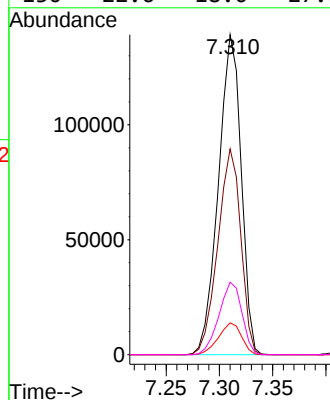
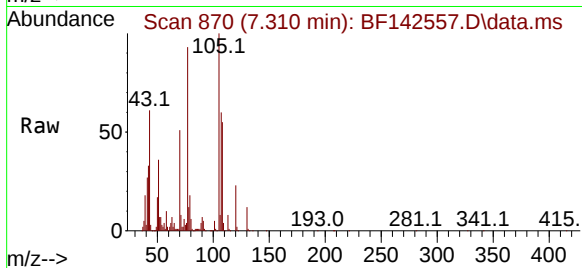
Ion Ratio Lower Upper

70 100

42 64.3 52.4 78.6

101 9.9 7.8 11.8

130 22.6 18.0 27.0



#20

3+4-Methylphenols

Concen: 41.997 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Tgt Ion: 107 Resp: 301076

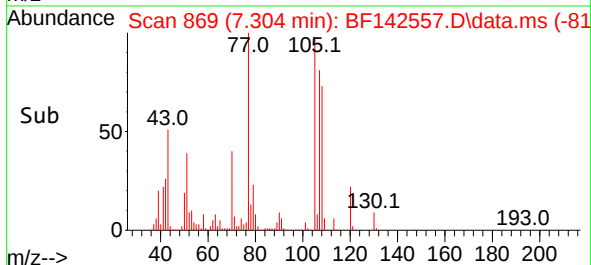
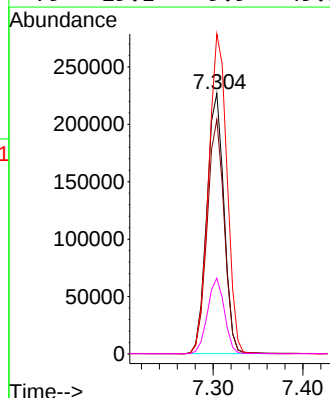
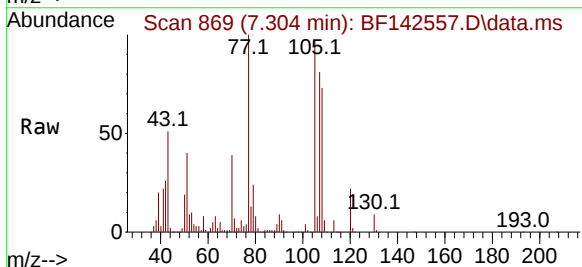
Ion Ratio Lower Upper

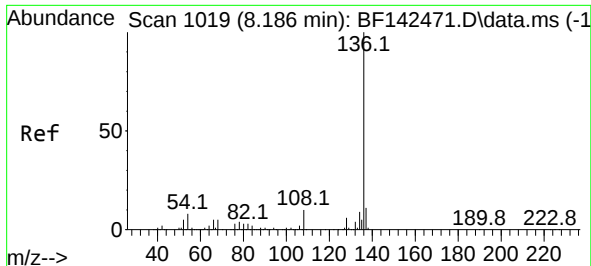
107 100

108 90.0 70.4 110.4

77 122.9 95.4 135.4

79 29.1 9.9 49.9

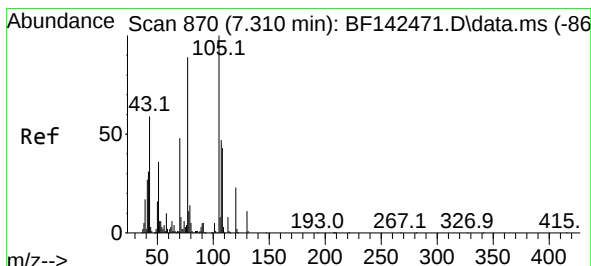
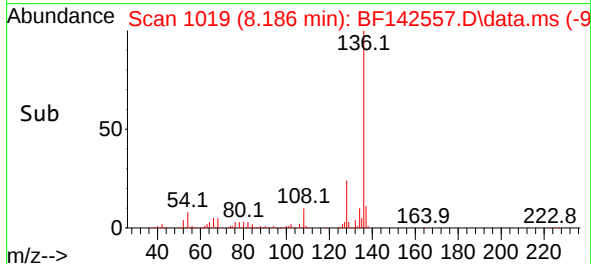
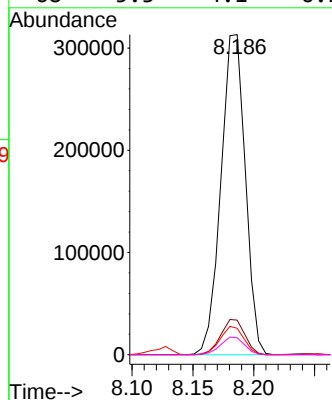
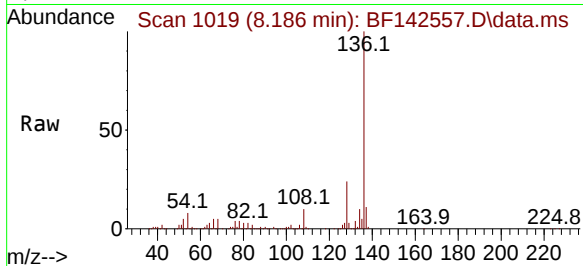




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

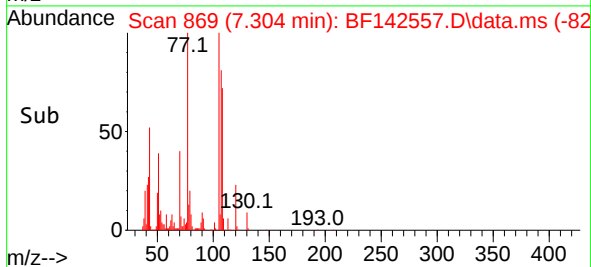
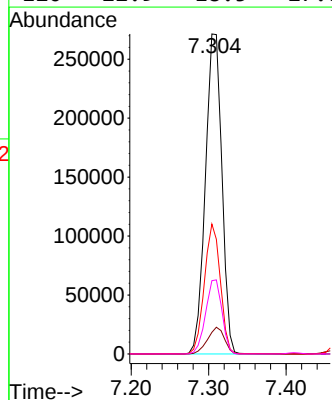
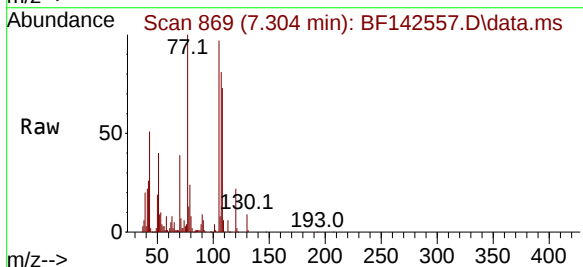
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

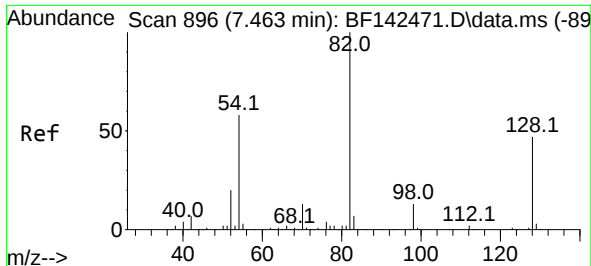
Tgt Ion:136 Resp: 436992
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.3 6.6 10.0
68 5.3 4.1 6.1



#22
Acetophenone
Concen: 41.464 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:105 Resp: 401105
Ion Ratio Lower Upper
105 100
71 6.8 6.4 9.6
51 40.6 28.6 42.8
120 22.9 18.5 27.7





#23

Nitrobenzene-d5

Concen: 73.815 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

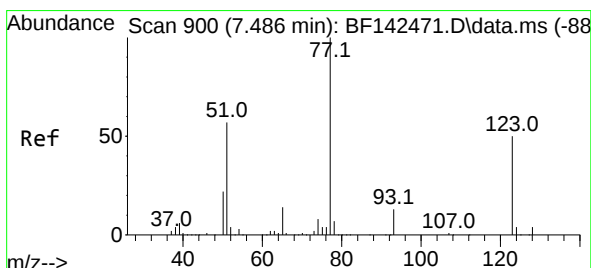
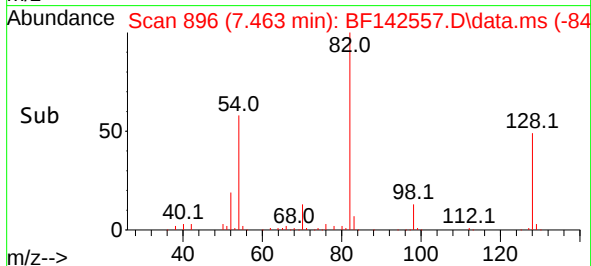
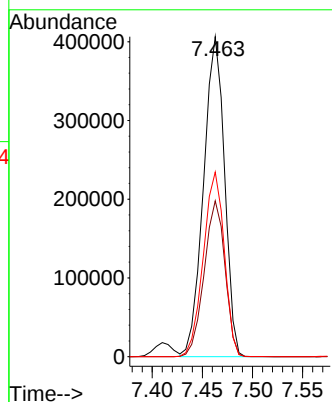
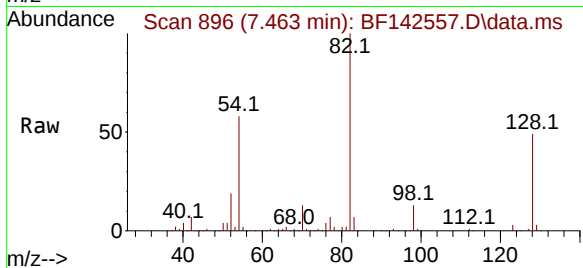
Tgt Ion: 82 Resp: 591552

Ion Ratio Lower Upper

82 100

128 48.7 37.4 56.2

54 57.7 46.6 70.0



#24

Nitrobenzene

Concen: 41.964 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

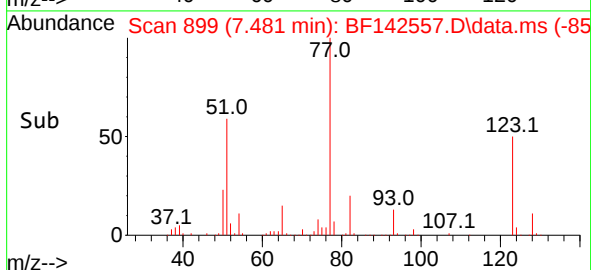
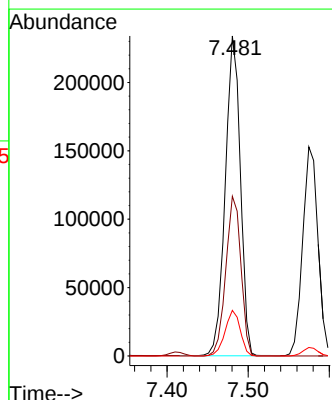
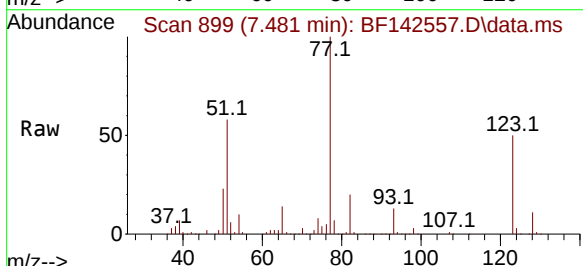
Tgt Ion: 77 Resp: 303312

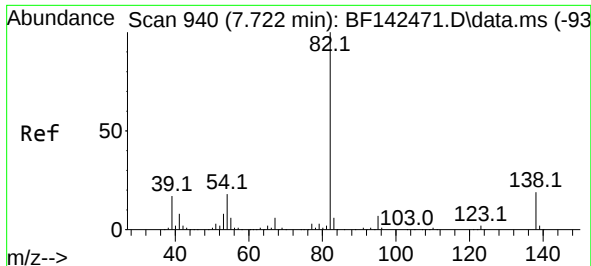
Ion Ratio Lower Upper

77 100

123 49.9 40.6 61.0

65 14.3 11.4 17.2

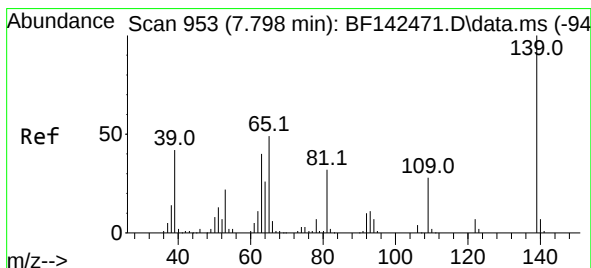
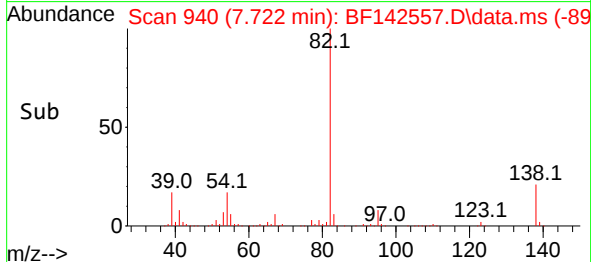
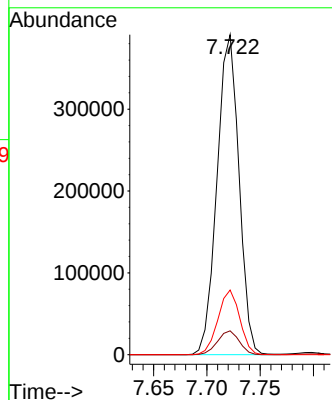
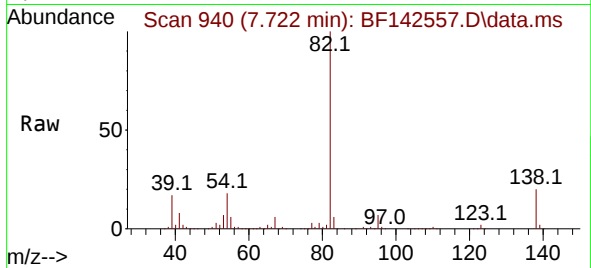




#25
Isophorone
Concen: 41.780 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

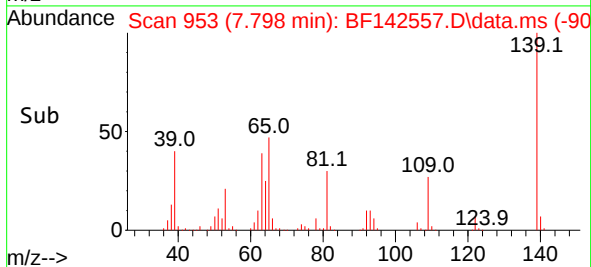
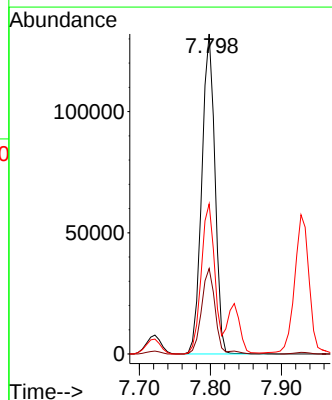
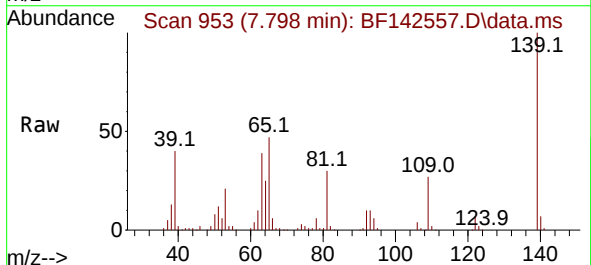
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

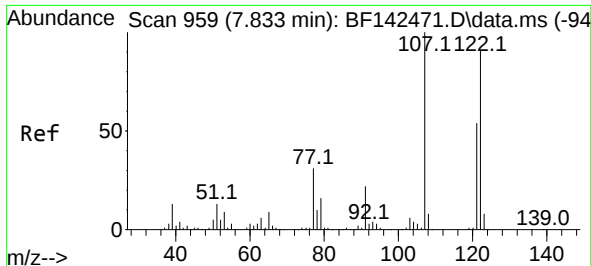
Tgt Ion: 82 Resp: 559801
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 20.2 15.5 23.3



#26
2-Nitrophenol
Concen: 44.192 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:139 Resp: 170673
Ion Ratio Lower Upper
139 100
109 26.7 22.6 33.8
65 46.9 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 43.550 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

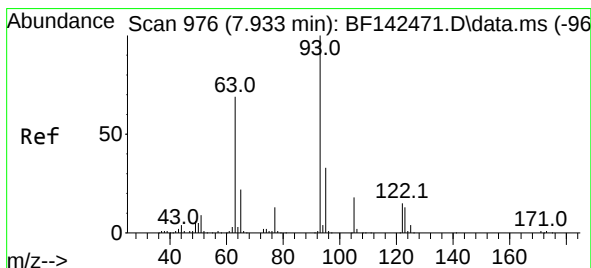
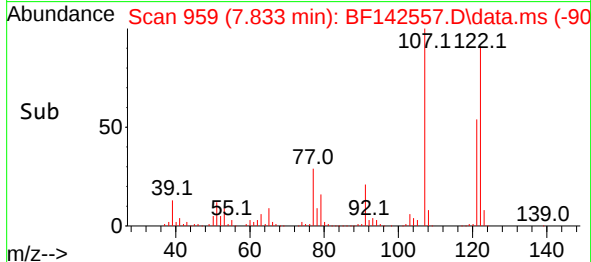
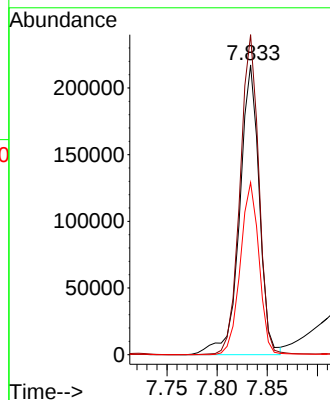
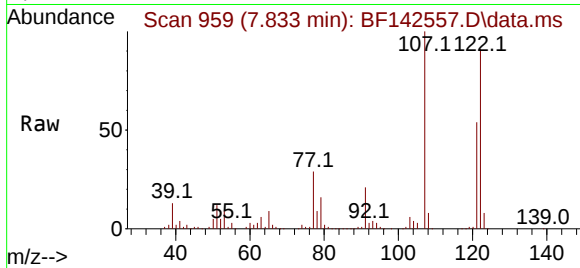
Tgt Ion:122 Resp: 296614

Ion Ratio Lower Upper

122 100

107 110.5 88.1 132.1

121 59.4 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 42.459 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

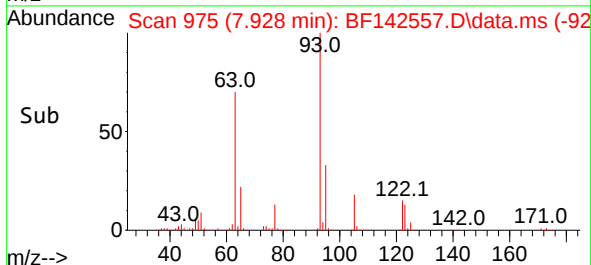
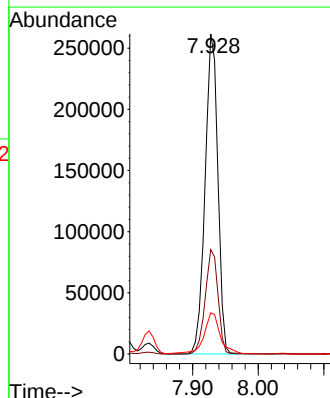
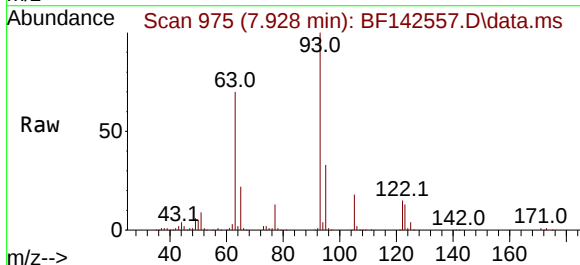
Tgt Ion: 93 Resp: 355377

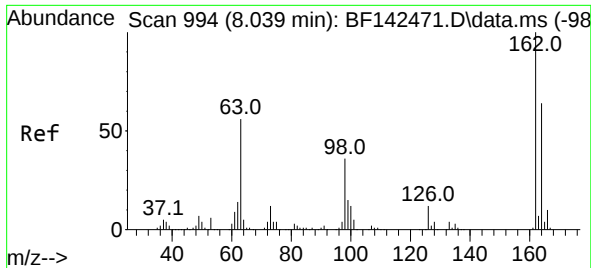
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 12.8 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 43.272 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

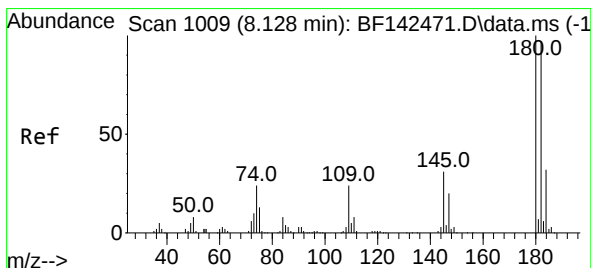
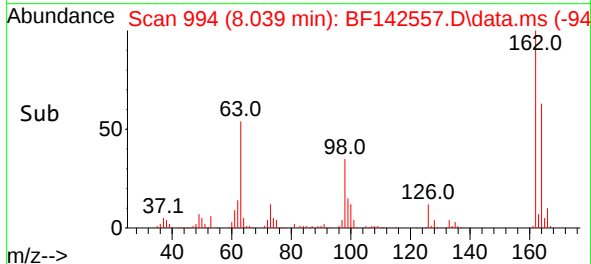
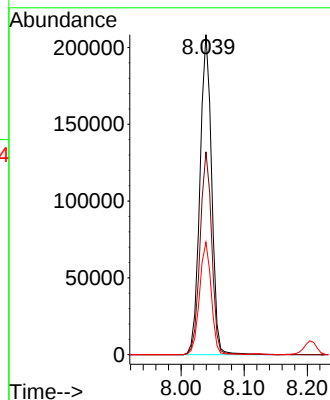
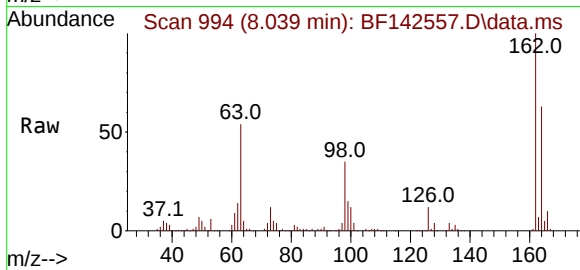
Tgt Ion:162 Resp: 268022

Ion Ratio Lower Upper

162 100

164 63.4 43.7 83.7

98 35.2 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 42.118 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

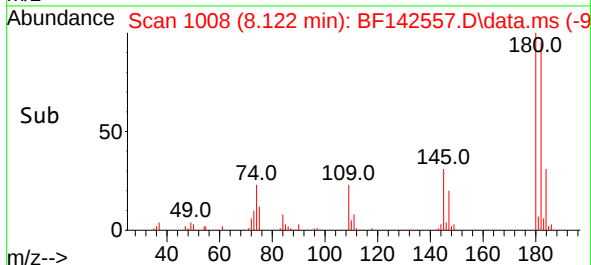
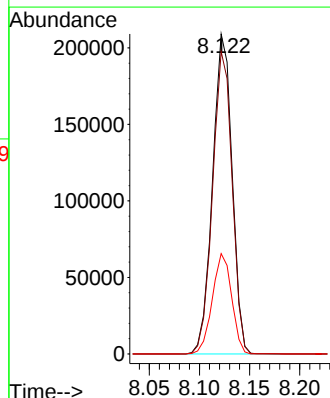
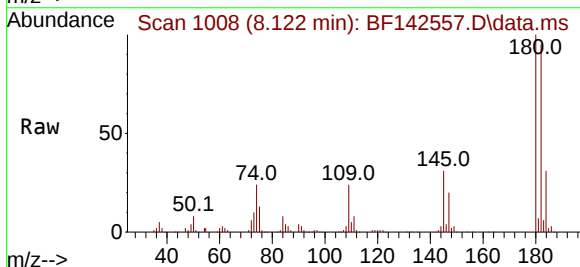
Tgt Ion:180 Resp: 283124

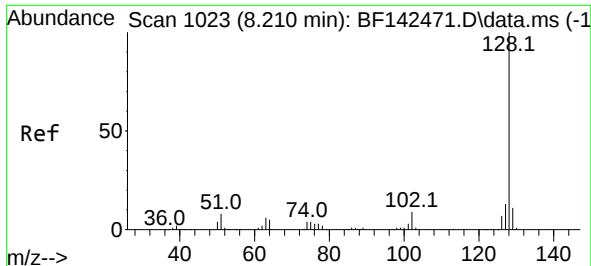
Ion Ratio Lower Upper

180 100

182 94.5 78.0 117.0

145 31.4 25.0 37.6

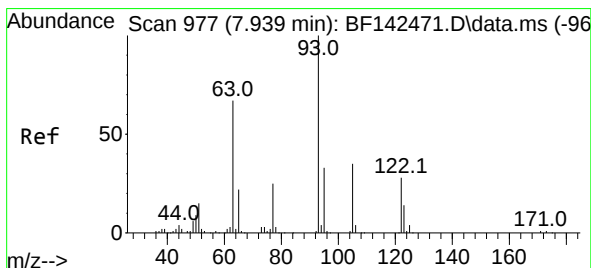
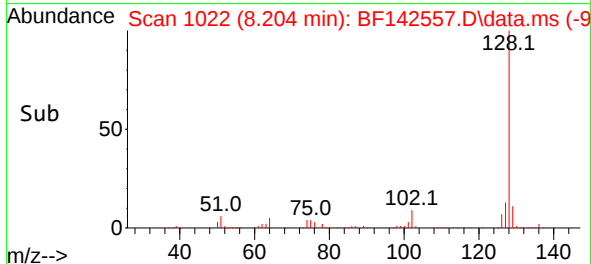
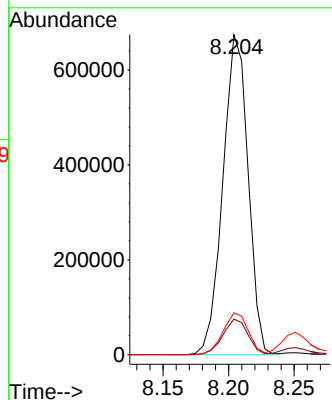
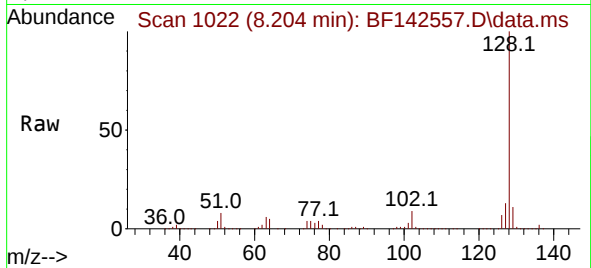




#31
Naphthalene
Concen: 41.878 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

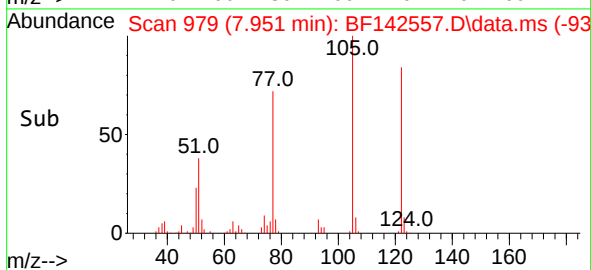
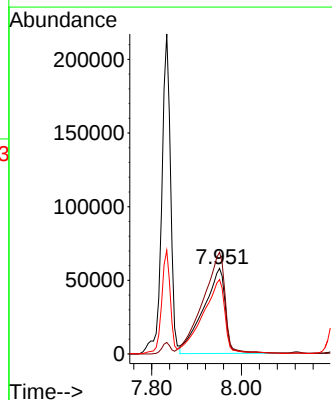
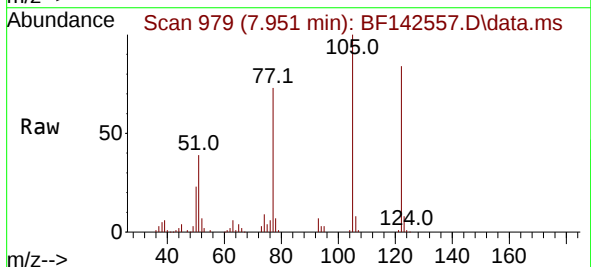
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

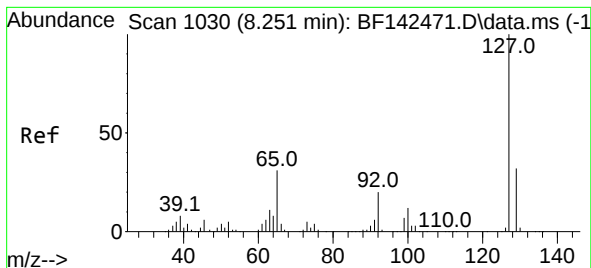
Tgt Ion:128 Resp: 901109
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 47.663 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.024 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:122 Resp: 197606
Ion Ratio Lower Upper
122 100
105 119.0 101.7 141.7
77 87.1 69.5 109.5





#33

4-Chloroaniline

Concen: 9.162 ng

RT: 8.251 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

Tgt Ion:127 Resp: 79880

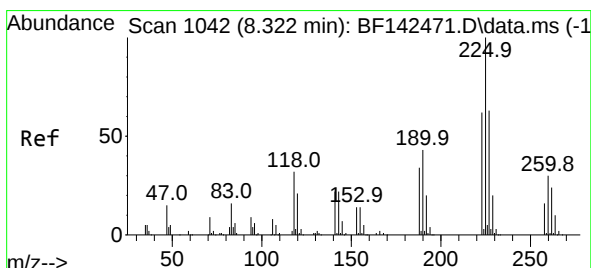
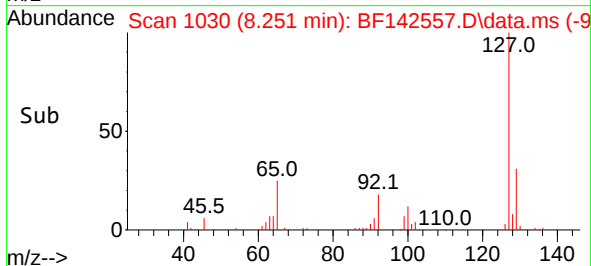
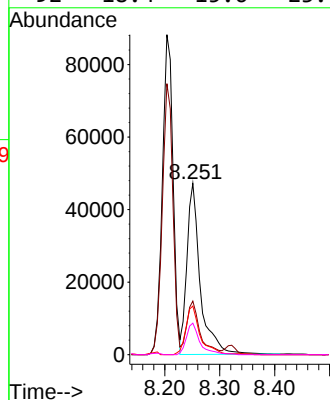
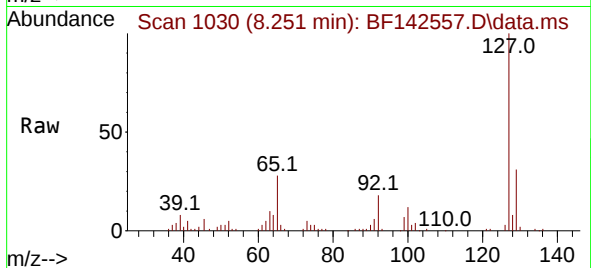
Ion Ratio Lower Upper

127 100

129 31.3 26.1 39.1

65 28.3 24.9 37.3

92 18.4 15.6 23.4



#34

Hexachlorobutadiene

Concen: 40.695 ng

RT: 8.322 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

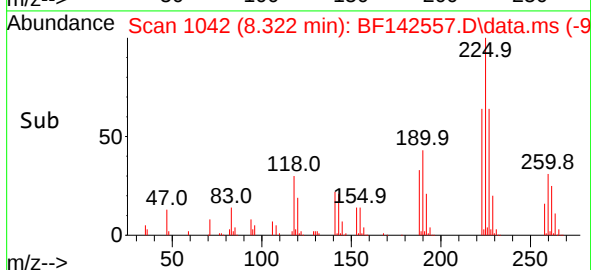
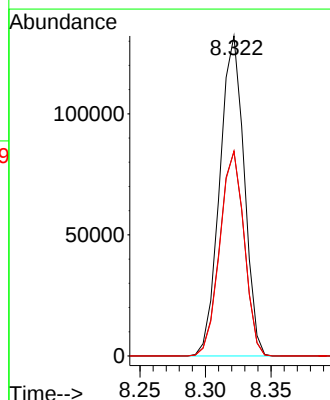
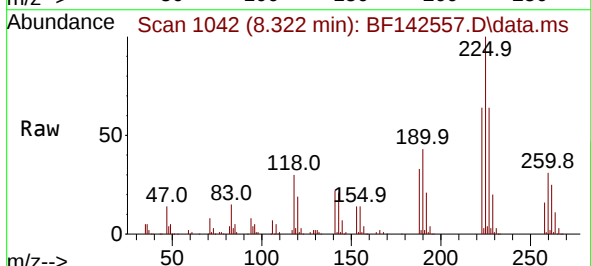
Tgt Ion:225 Resp: 170806

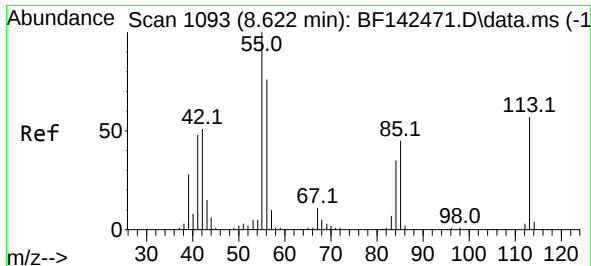
Ion Ratio Lower Upper

225 100

223 63.9 49.7 74.5

227 64.0 50.3 75.5

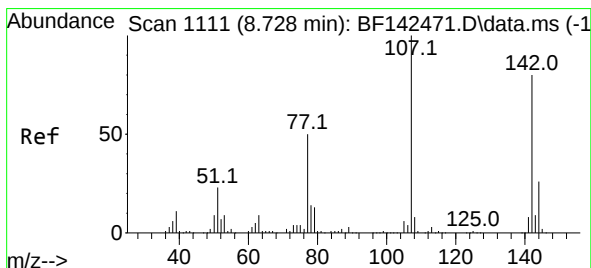
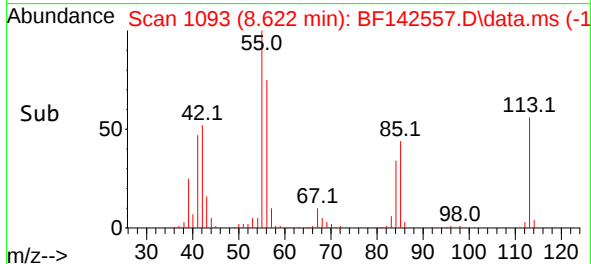
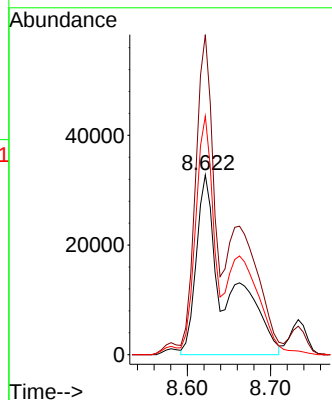
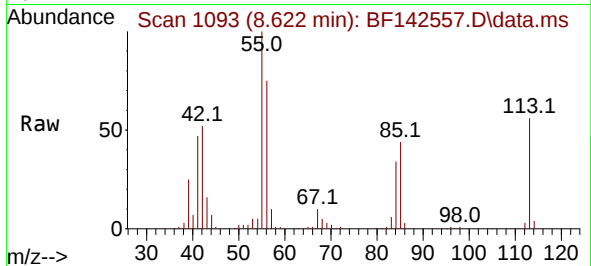




#35
 Caprolactam
 Concen: 48.036 ng m
 RT: 8.622 min Scan# 1093
 Delta R.T. -0.024 min
 Lab File: BF142557.D
 Acq: 27 May 2025 12:39

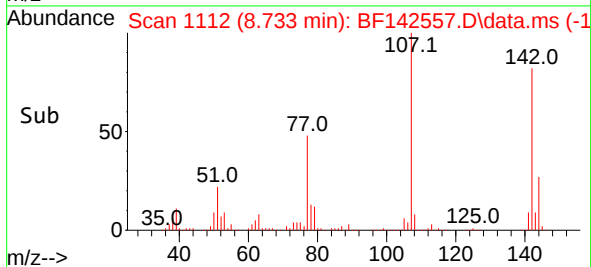
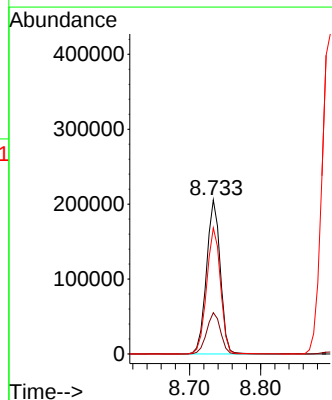
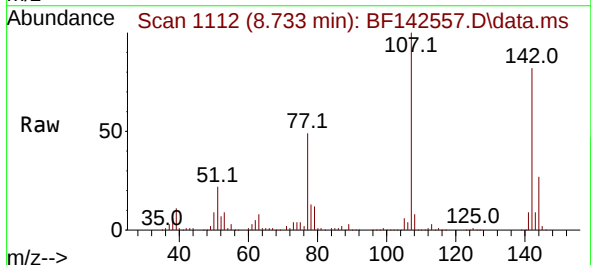
Instrument :
 BNA_F
 ClientSampleId :
 PB168143BSD

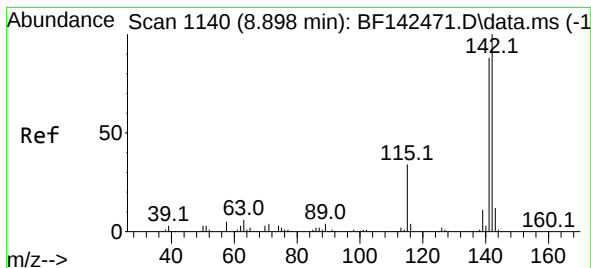
Tgt Ion:113 Resp: 83564
 Ion Ratio Lower Upper
 113 100
 55 177.9 154.7 194.7
 56 132.6 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 43.905 ng
 RT: 8.733 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF142557.D
 Acq: 27 May 2025 12:39

Tgt Ion:107 Resp: 278698
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.9 31.3
 142 81.9 64.2 96.2





#37

2-Methylnaphthalene

Concen: 41.728 ng

RT: 8.898 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

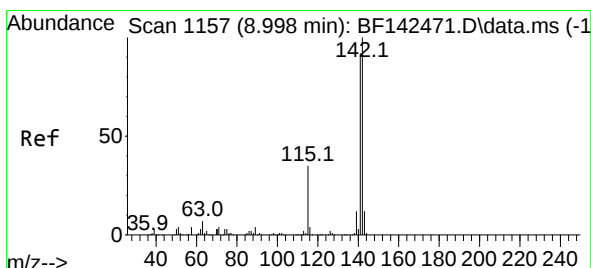
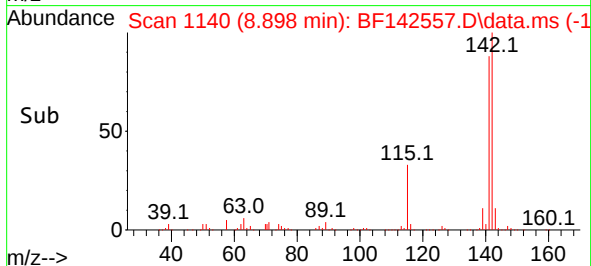
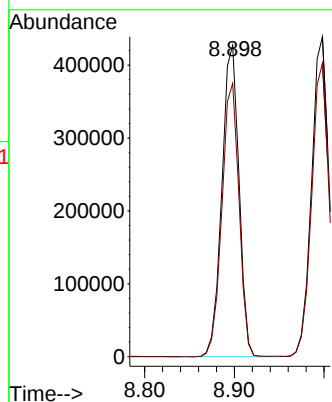
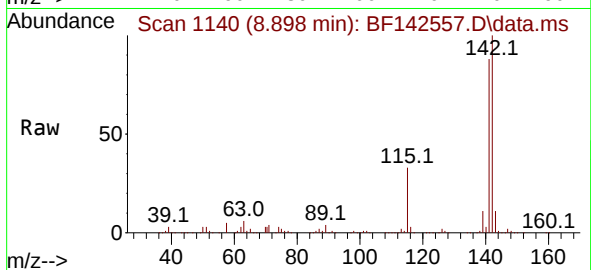
PB168143BSD

Tgt Ion:142 Resp: 564873

Ion Ratio Lower Upper

142 100

141 87.8 70.7 106.1



#38

1-Methylnaphthalene

Concen: 41.621 ng

RT: 8.998 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BF142557.D

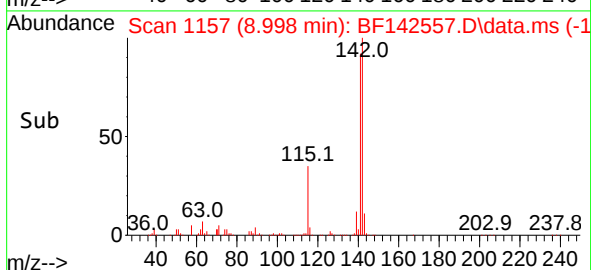
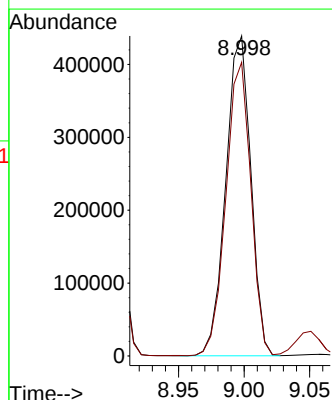
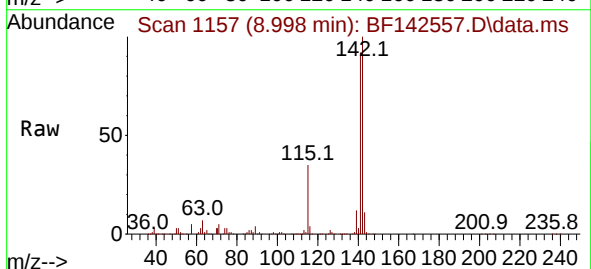
Acq: 27 May 2025 12:39

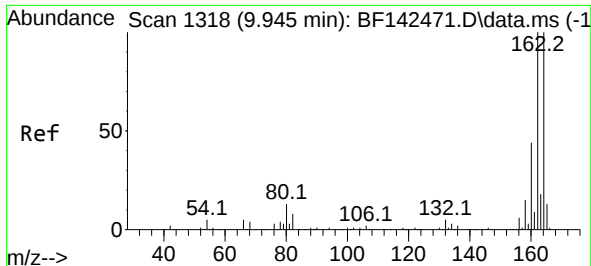
Tgt Ion:142 Resp: 582789

Ion Ratio Lower Upper

142 100

141 91.8 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: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

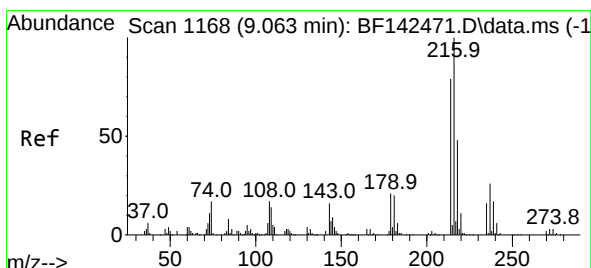
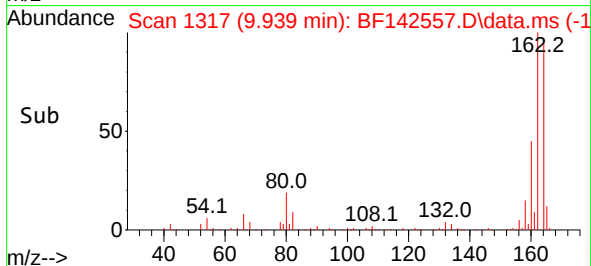
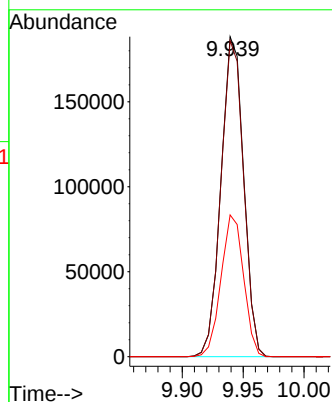
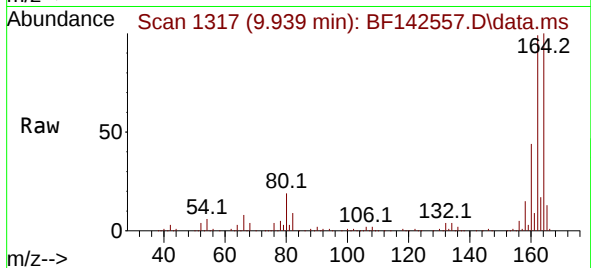
Tgt Ion:164 Resp: 243793

Ion Ratio Lower Upper

164 100

162 98.8 80.2 120.4

160 44.3 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.068 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Tgt Ion:216 Resp: 287406

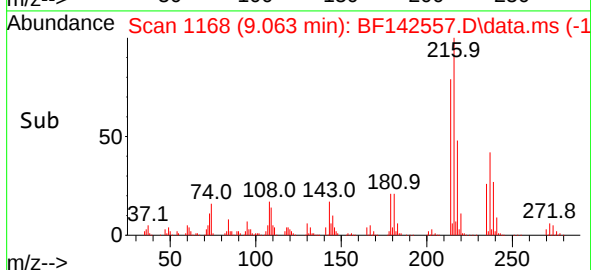
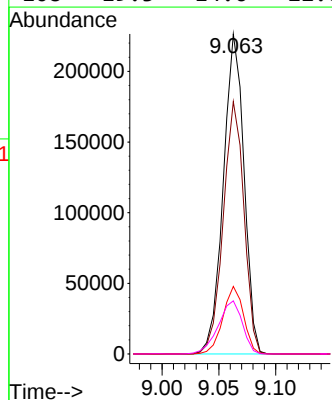
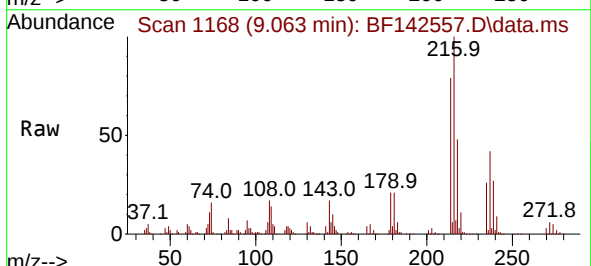
Ion Ratio Lower Upper

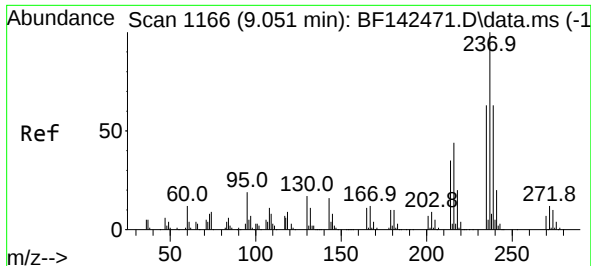
216 100

214 78.8 62.9 94.3

179 21.0 16.9 25.3

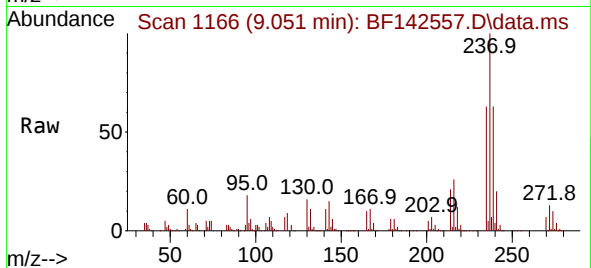
108 19.3 14.6 22.0



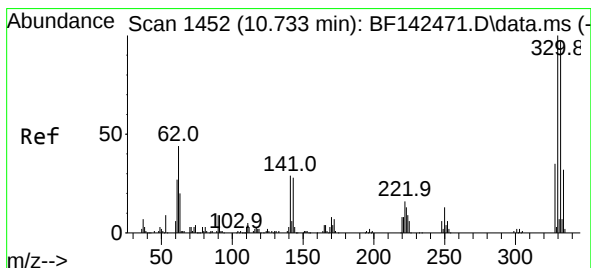
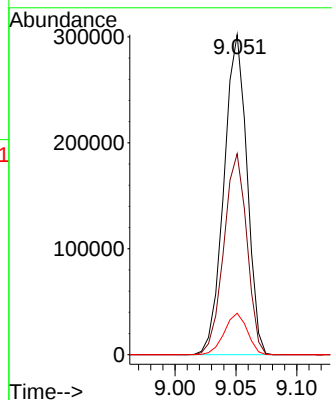
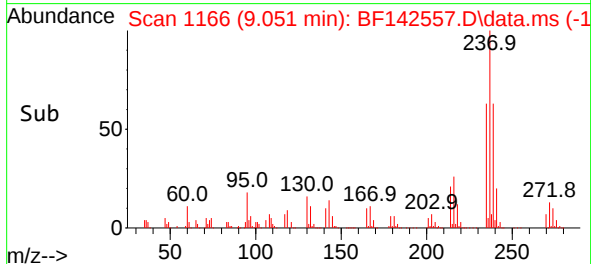


#41
Hexachlorocyclopentadiene
Concen: 84.106 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

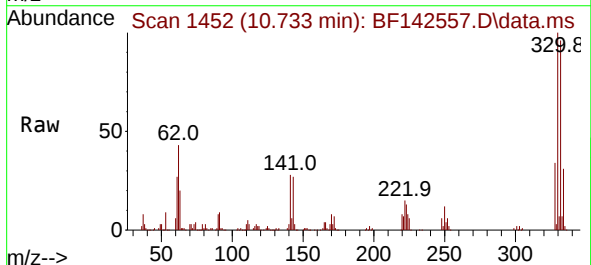
Instrument :
BNA_F
ClientSampleId :
PB168143BSD



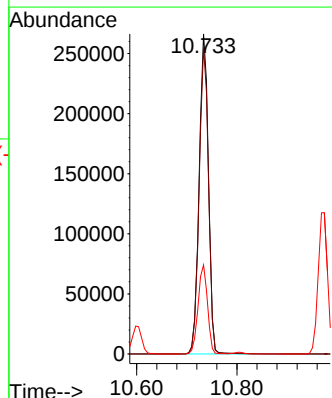
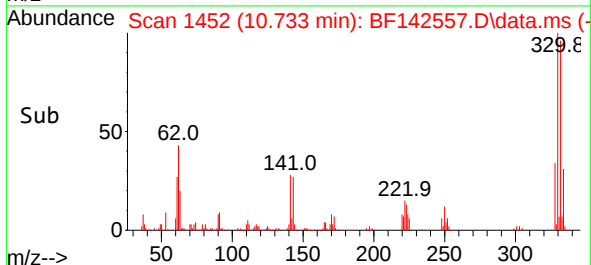
Tgt Ion:237 Resp: 397060
Ion Ratio Lower Upper
237 100
235 62.8 43.3 83.3
272 13.0 0.0 32.4

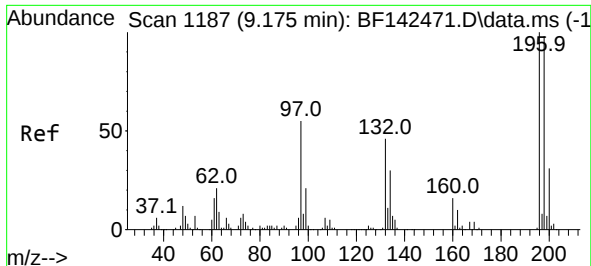


#42
2,4,6-Tribromophenol
Concen: 126.562 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39



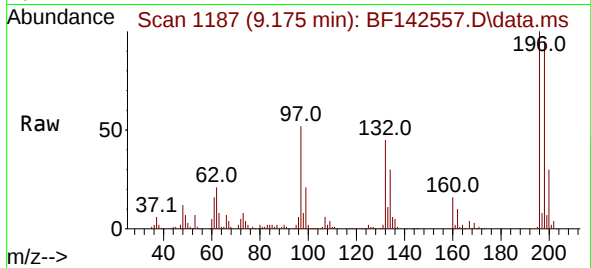
Tgt Ion:330 Resp: 342451
Ion Ratio Lower Upper
330 100
332 95.8 77.6 116.4
141 28.1 24.6 36.8



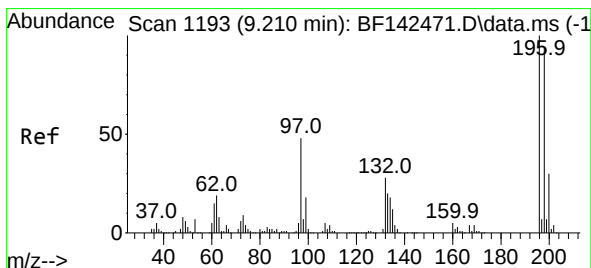
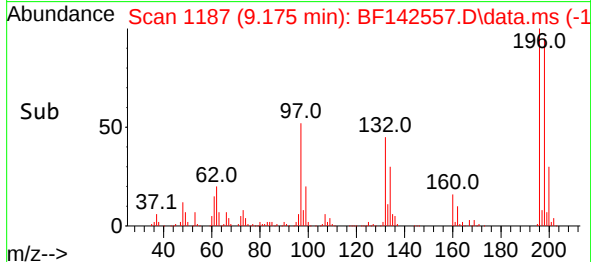
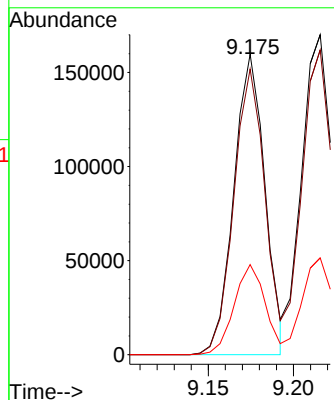


#43
2,4,6-Trichlorophenol
Concen: 42.906 ng
RT: 9.175 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Instrument :
BNA_F
ClientSampleId :
PB168143BSD

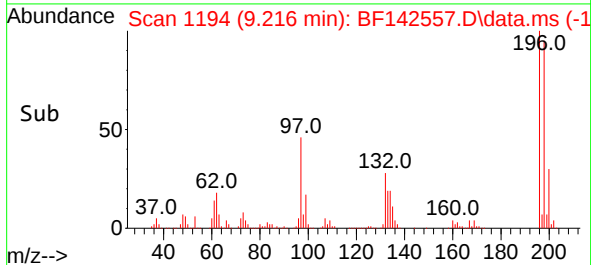
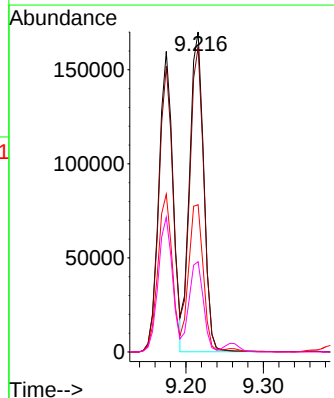
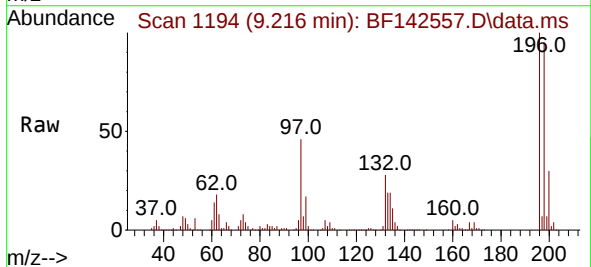


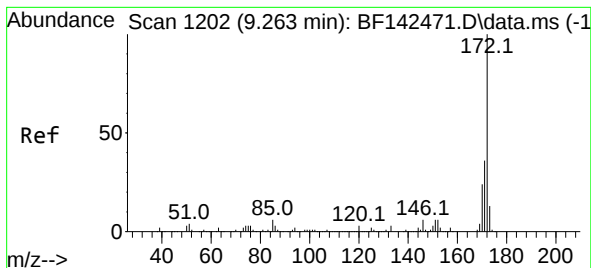
Tgt Ion:196 Resp: 202473
Ion Ratio Lower Upper
196 100
198 95.0 78.8 118.2
200 30.0 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 43.374 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:196 Resp: 215868
Ion Ratio Lower Upper
196 100
198 95.3 75.5 113.3
97 46.0 39.3 58.9
132 28.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 70.682 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

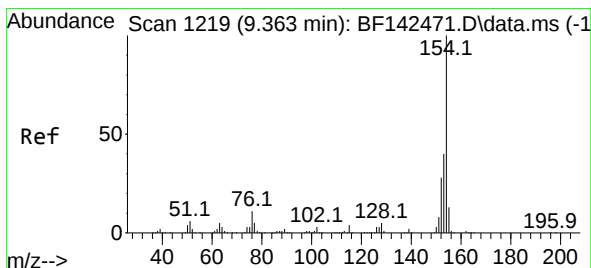
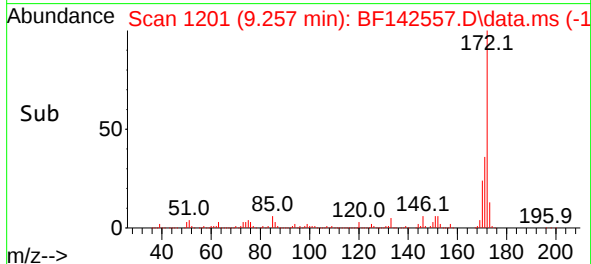
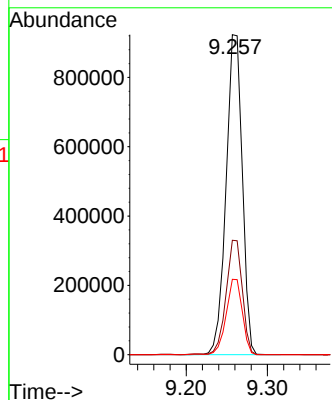
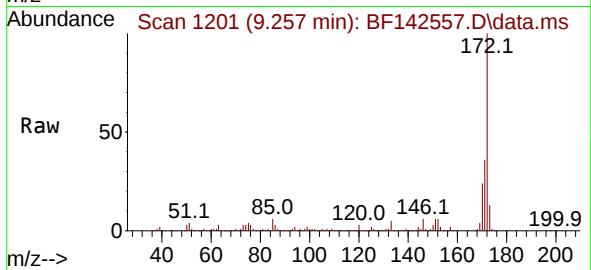
Tgt Ion:172 Resp: 1284176

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 40.719 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

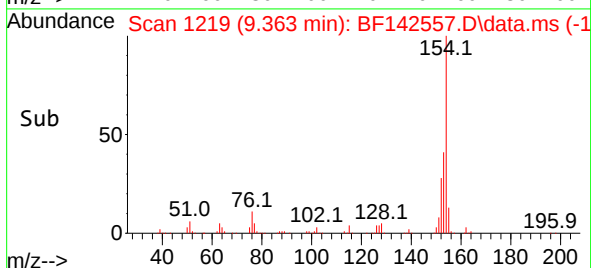
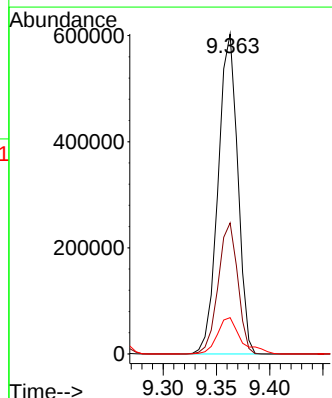
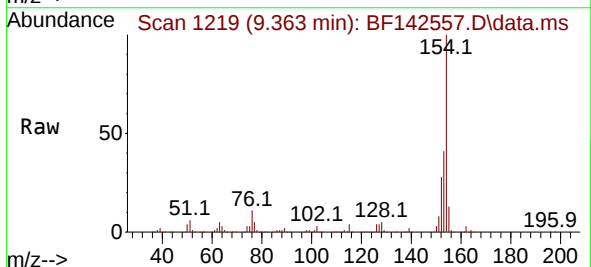
Tgt Ion:154 Resp: 770161

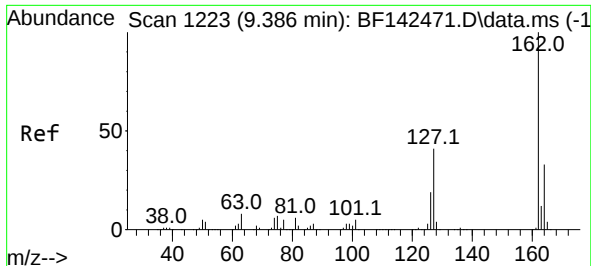
Ion Ratio Lower Upper

154 100

153 41.0 20.4 60.4

76 11.4 0.0 30.8

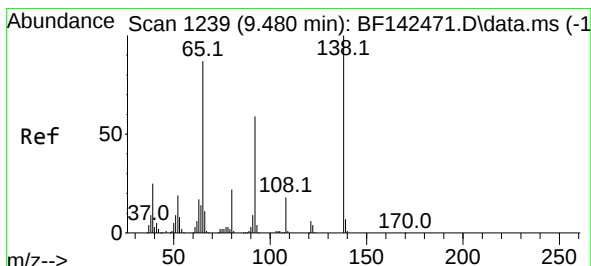
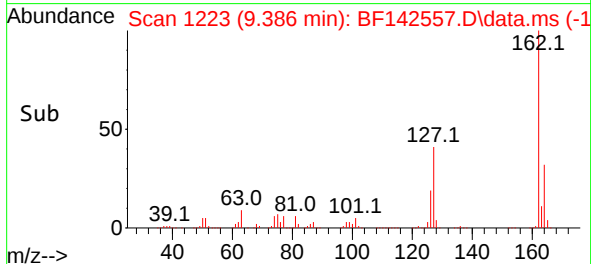
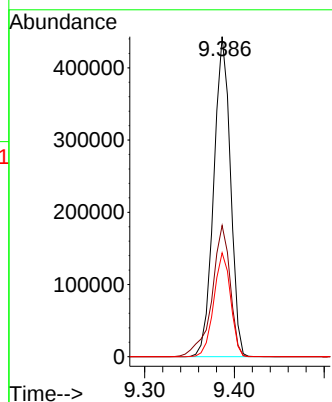
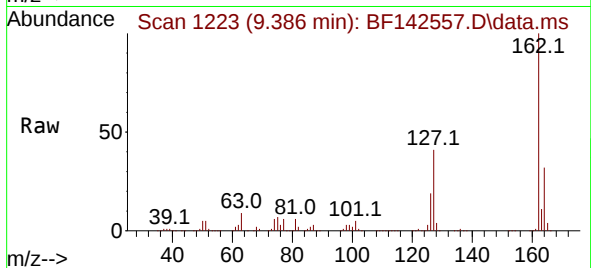




#47
2-Chloronaphthalene
Concen: 40.992 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

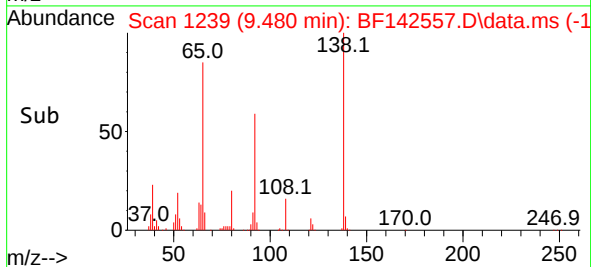
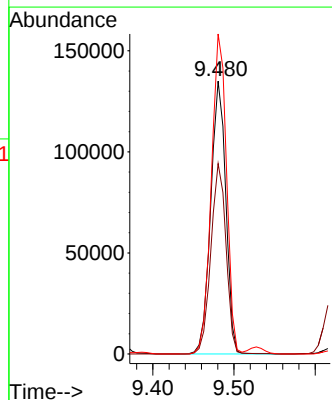
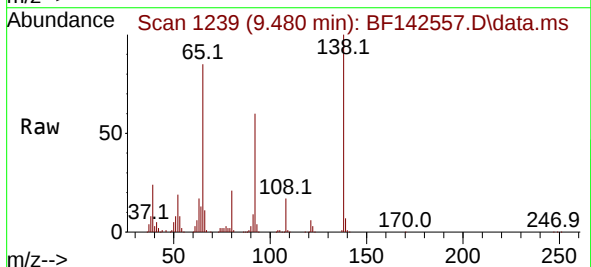
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

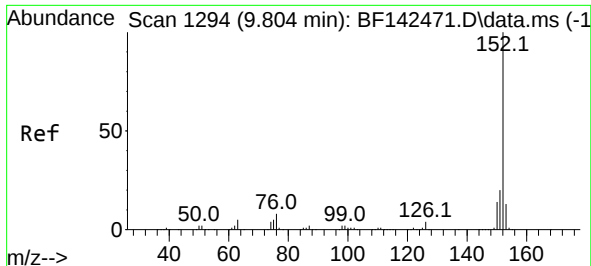
Tgt Ion:162 Resp: 572831
Ion Ratio Lower Upper
162 100
127 41.0 33.5 50.3
164 32.4 26.1 39.1



#48
2-Nitroaniline
Concen: 43.180 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion: 65 Resp: 174413
Ion Ratio Lower Upper
65 100
92 69.8 54.4 81.6
138 117.3 91.4 137.2





#49

Acenaphthylene

Concen: 41.756 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

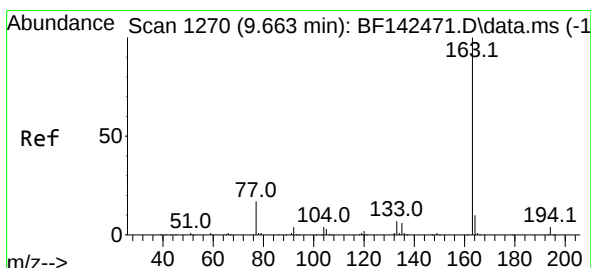
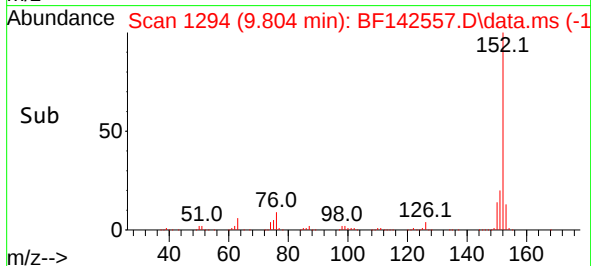
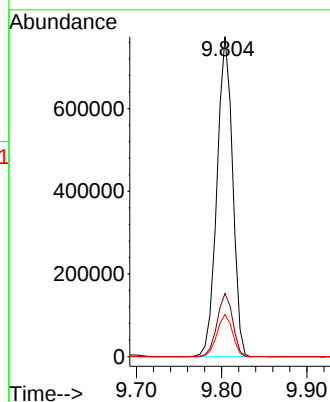
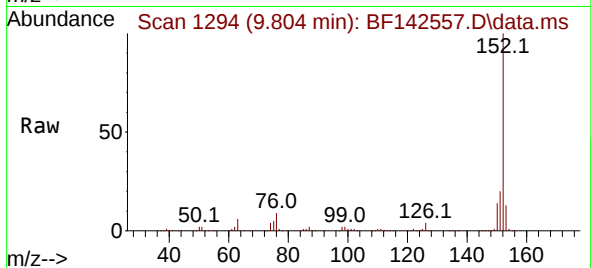
Tgt Ion:152 Resp: 985306

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 43.002 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

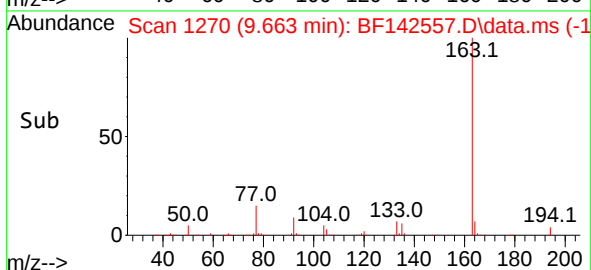
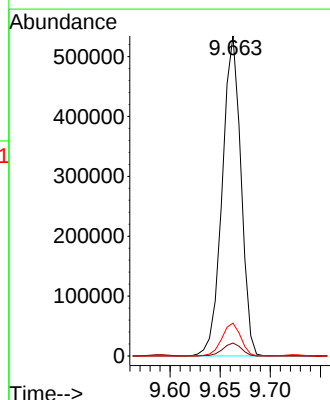
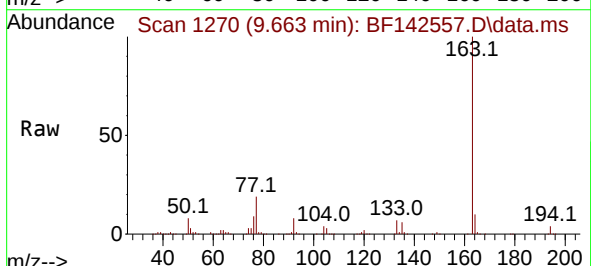
Tgt Ion:163 Resp: 691750

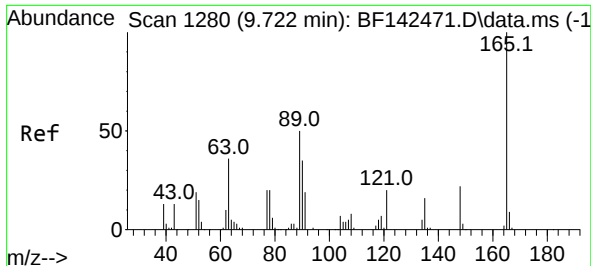
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.3 8.2 12.4

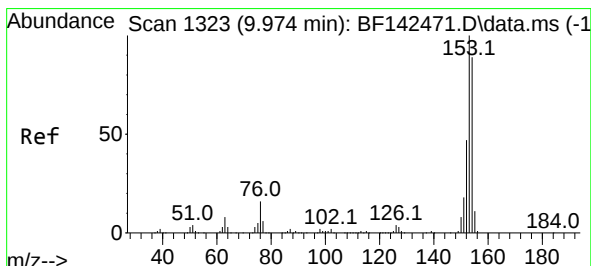
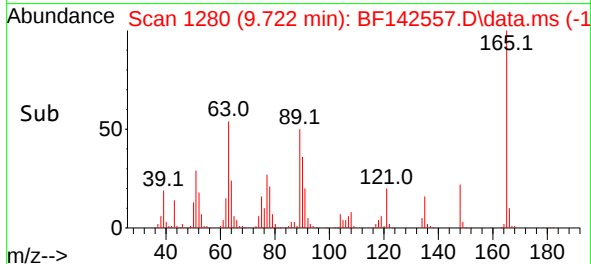
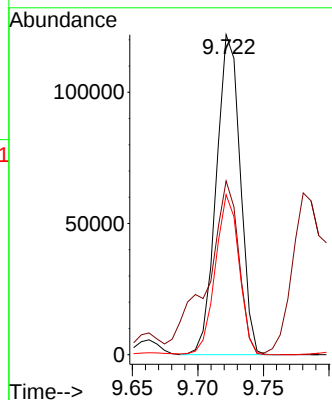
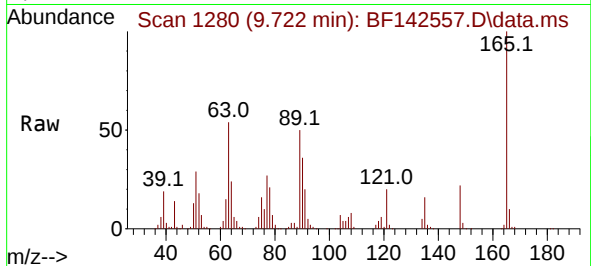




#51
2,6-Dinitrotoluene
Concen: 44.550 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

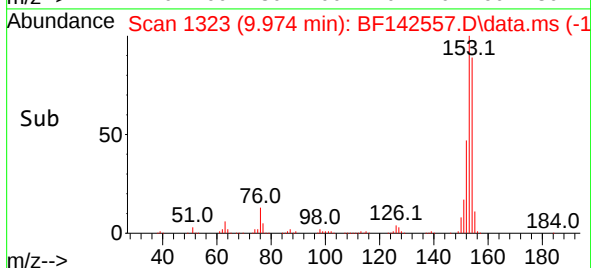
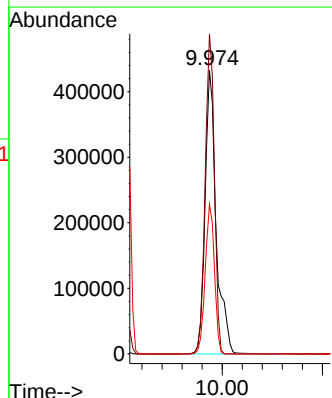
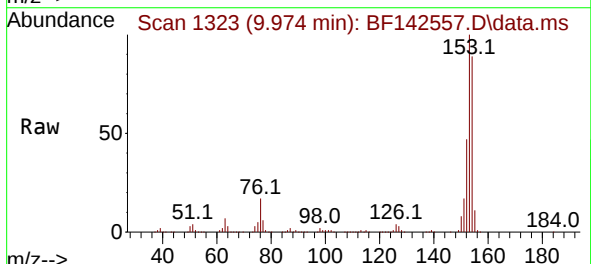
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

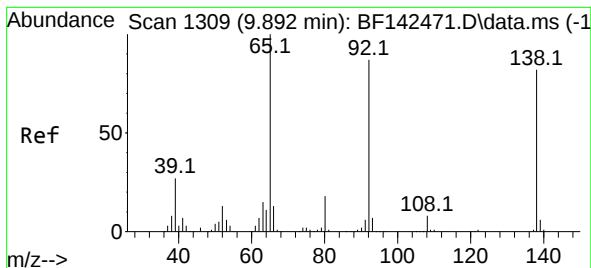
Tgt Ion:165 Resp: 154675
Ion Ratio Lower Upper
165 100
63 54.3 42.9 64.3
89 50.0 40.2 60.4



#52
Acenaphthene
Concen: 46.307 ng
RT: 9.974 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:154 Resp: 667231
Ion Ratio Lower Upper
154 100
153 112.8 90.0 135.0
152 52.7 42.6 64.0





#53

3-Nitroaniline

Concen: 19.052 ng

RT: 9.892 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

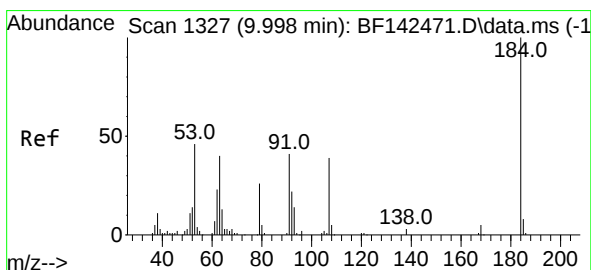
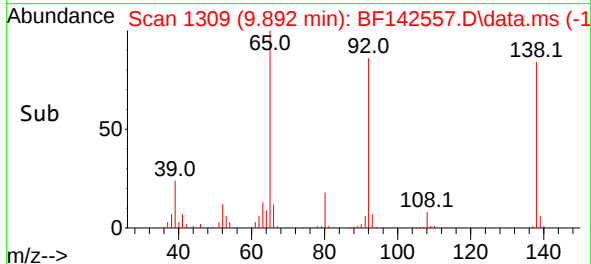
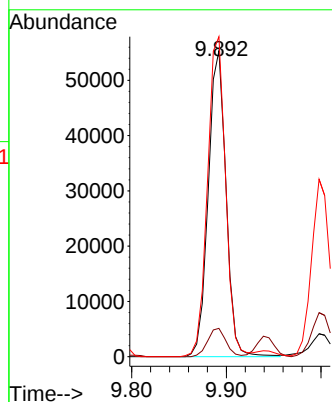
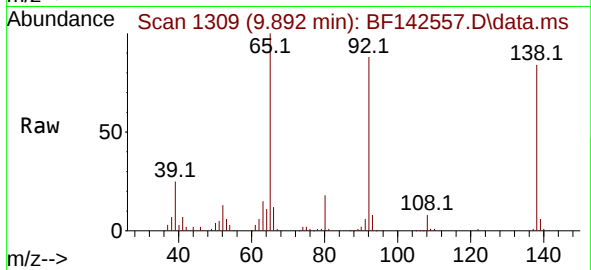
Tgt Ion:138 Resp: 72247

Ion Ratio Lower Upper

138 100

108 9.2 8.1 12.1

92 104.6 85.2 127.8



#54

2,4-Dinitrophenol

Concen: 102.704 ng

RT: 9.998 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

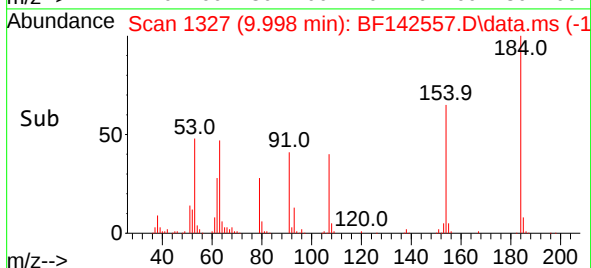
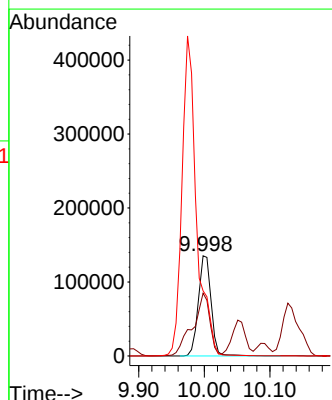
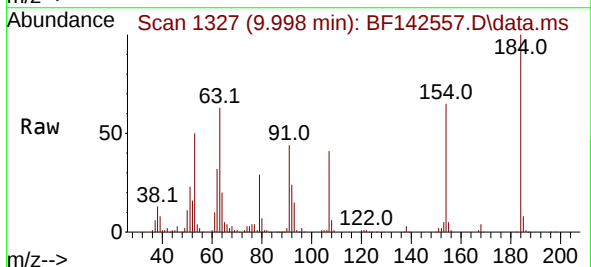
Tgt Ion:184 Resp: 184224

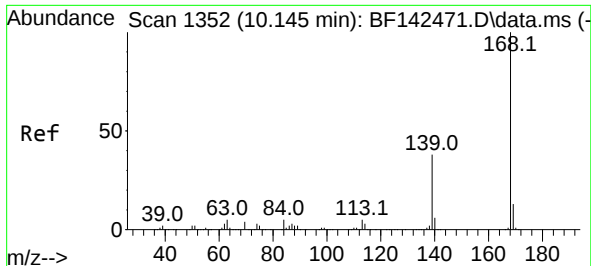
Ion Ratio Lower Upper

184 100

63 62.7 46.3 69.5

154 65.0 56.8 85.2

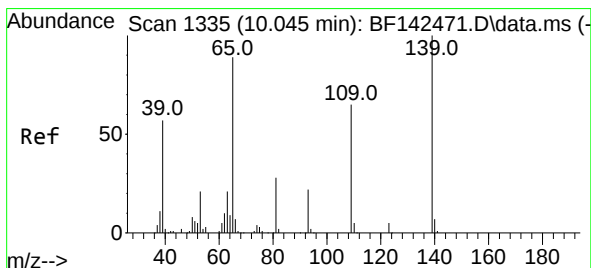
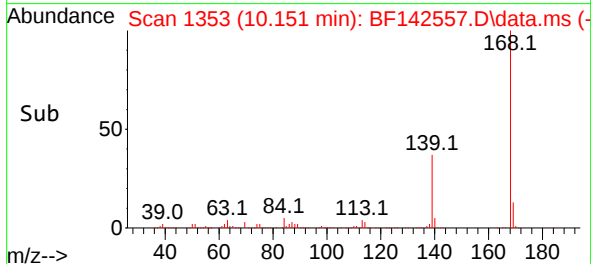
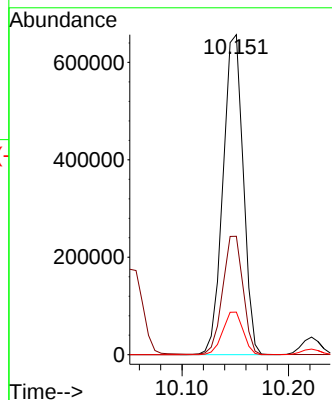
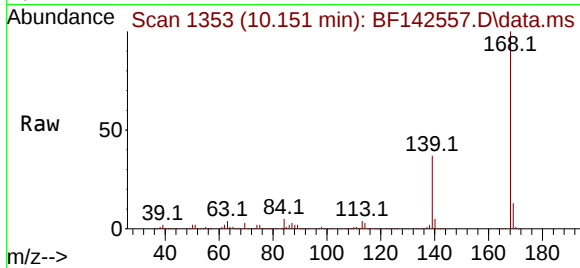




#55
Dibenzenofuran
Concen: 41.704 ng
RT: 10.151 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

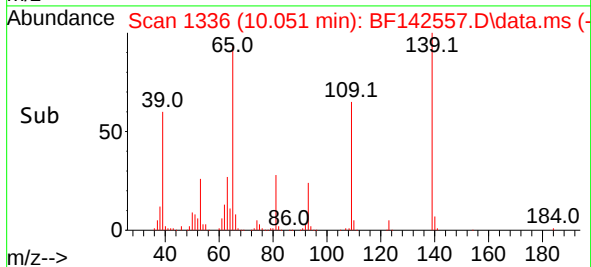
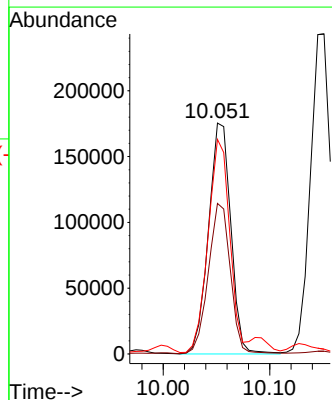
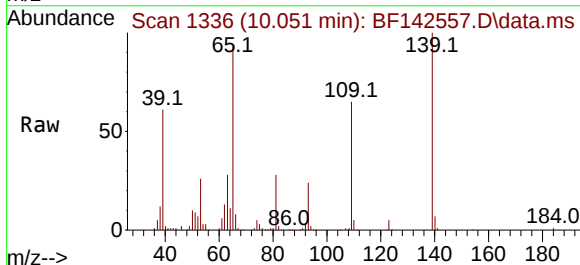
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

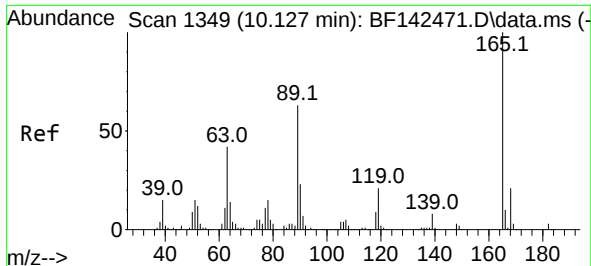
Tgt Ion:168 Resp: 864711
Ion Ratio Lower Upper
168 100
139 37.0 30.2 45.2
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 91.595 ng
RT: 10.051 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:139 Resp: 256288
Ion Ratio Lower Upper
139 100
109 65.2 45.1 85.1
65 93.0 69.7 109.7

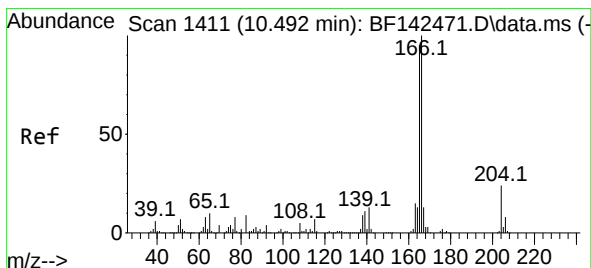
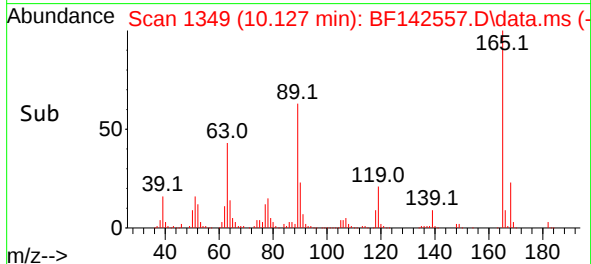
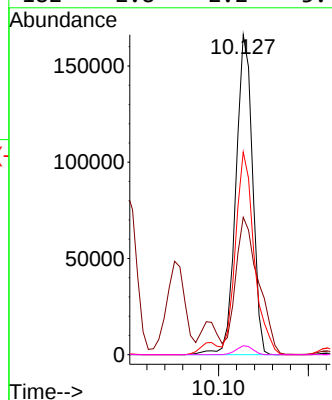
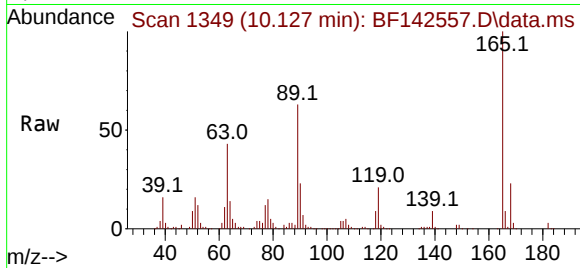




#57
2,4-Dinitrotoluene
Concen: 47.227 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

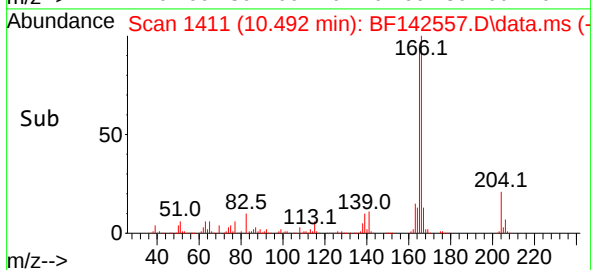
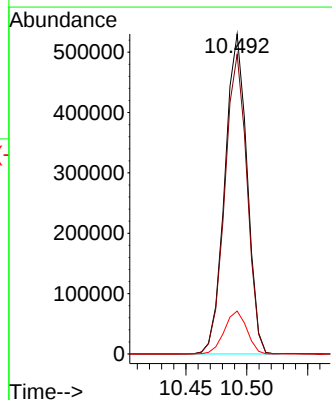
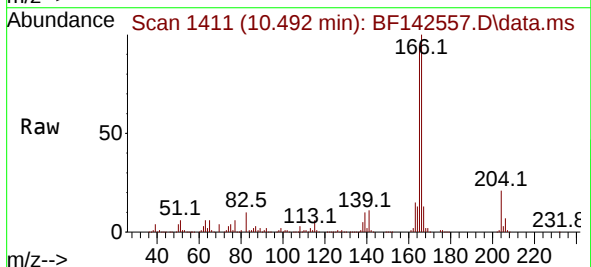
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

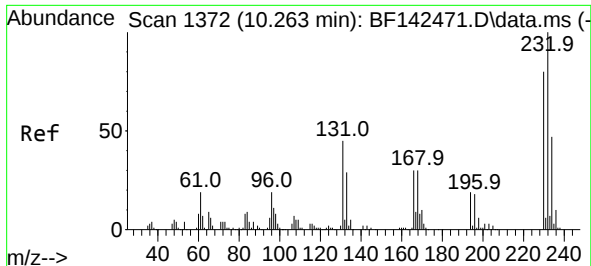
Tgt Ion:165 Resp: 214136
Ion Ratio Lower Upper
165 100
63 43.0 33.6 50.4
89 63.4 50.2 75.4
182 2.8 2.2 3.4



#58
Fluorene
Concen: 41.962 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:166 Resp: 672154
Ion Ratio Lower Upper
166 100
165 93.6 75.8 113.8
167 13.4 10.6 16.0

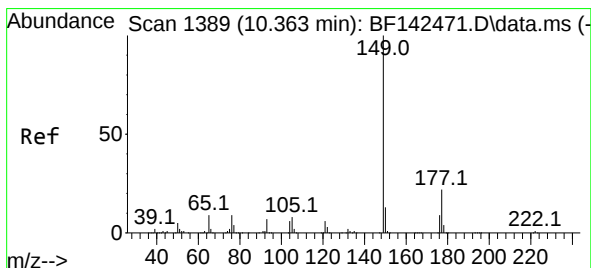
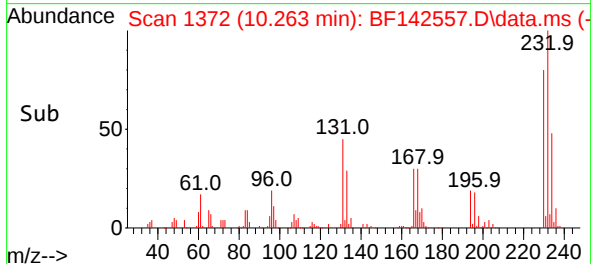
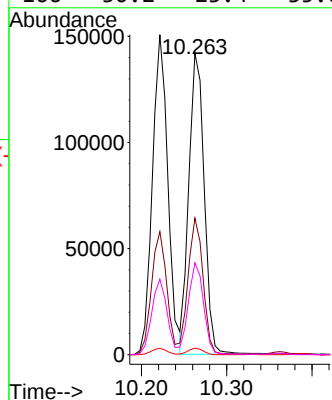
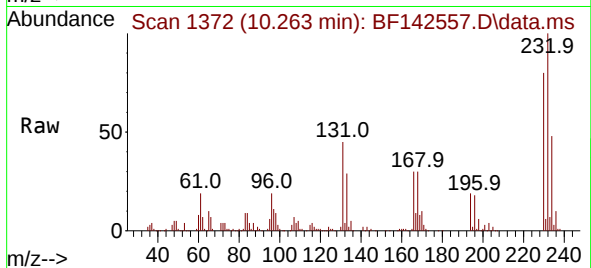




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.834 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

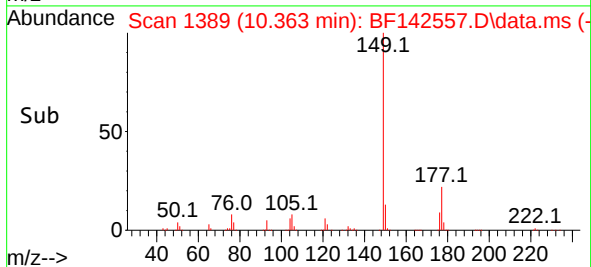
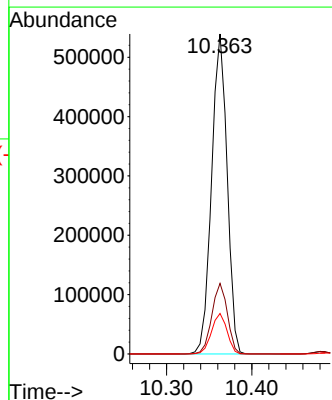
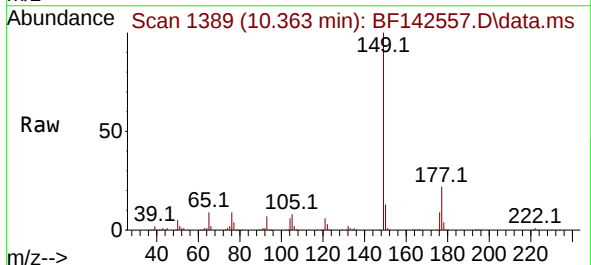
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

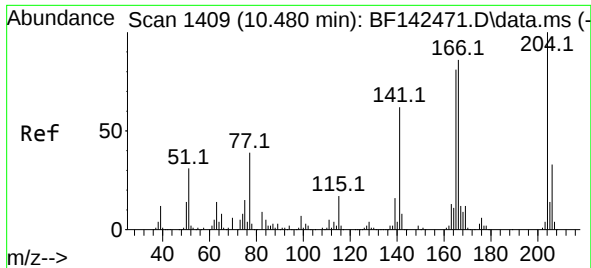
Tgt Ion:232 Resp: 177969
Ion Ratio Lower Upper
232 100
131 45.2 35.2 52.8
130 2.1 1.7 2.5
166 30.2 23.4 35.0



#60
Diethylphthalate
Concen: 43.442 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:149 Resp: 682499
Ion Ratio Lower Upper
149 100
177 22.1 17.6 26.4
150 12.6 10.1 15.1

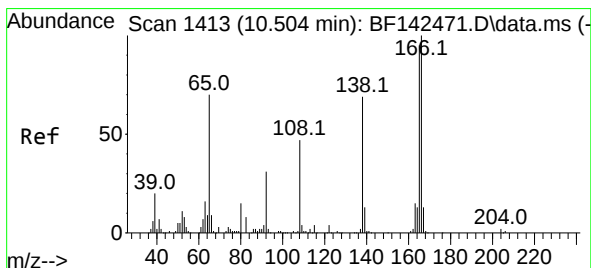
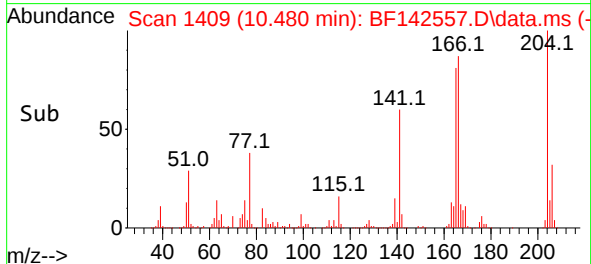
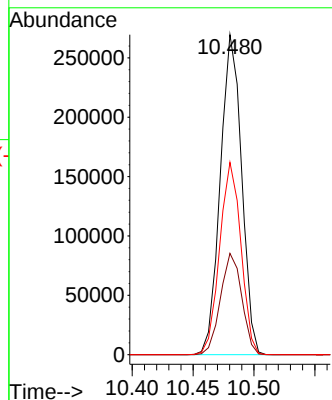
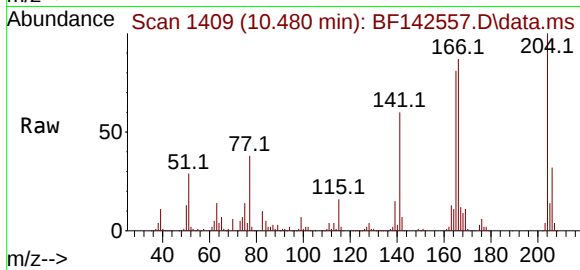




#61
4-Chlorophenyl-phenylether
Concen: 41.805 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

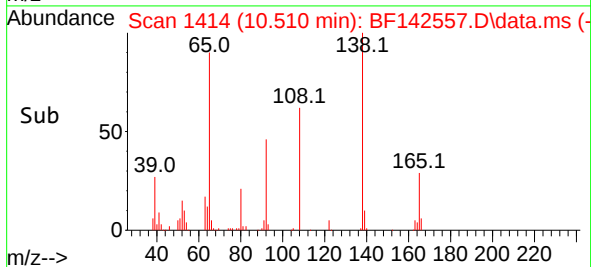
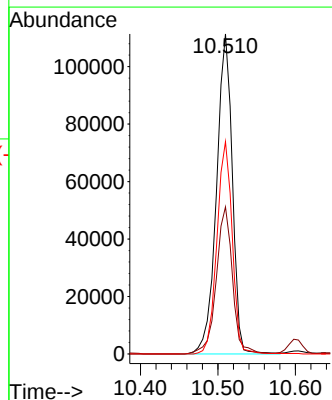
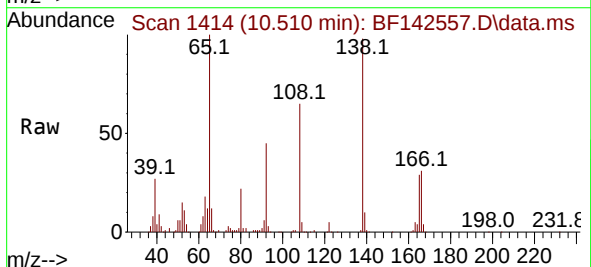
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

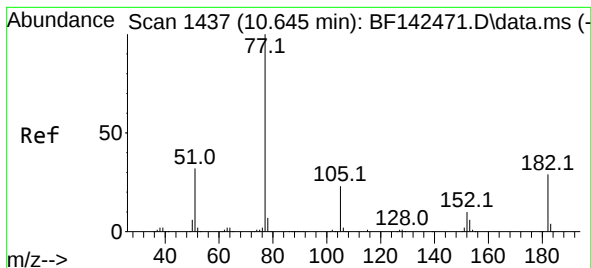
Tgt Ion:204 Resp: 328958
Ion Ratio Lower Upper
204 100
206 31.6 26.3 39.5
141 60.1 49.5 74.3



#62
4-Nitroaniline
Concen: 45.964 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:138 Resp: 158084
Ion Ratio Lower Upper
138 100
92 46.0 26.0 66.0
108 66.4 48.4 88.4





#63

Azobenzene

Concen: 43.191 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

Tgt Ion: 77 Resp: 609467

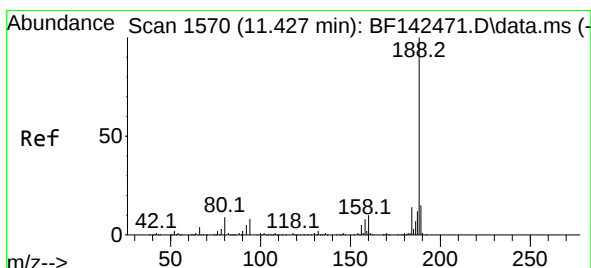
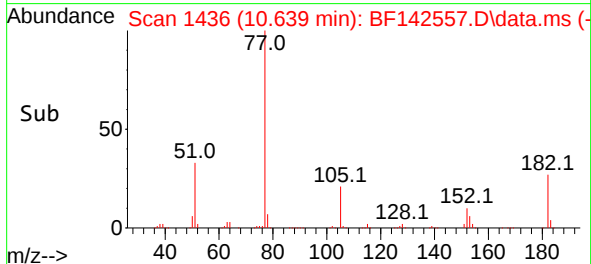
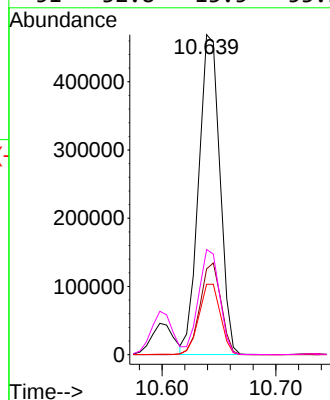
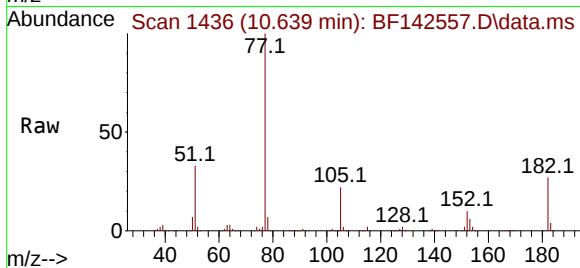
Ion Ratio Lower Upper

77 100

182 26.8 9.0 49.0

105 22.0 2.4 42.4

51 32.8 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

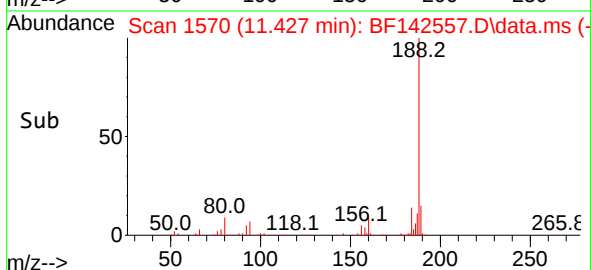
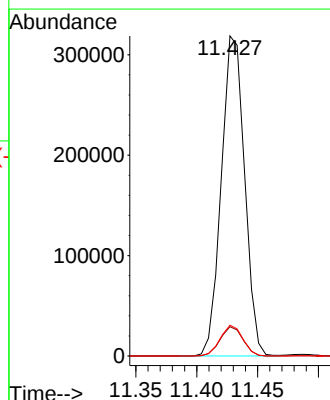
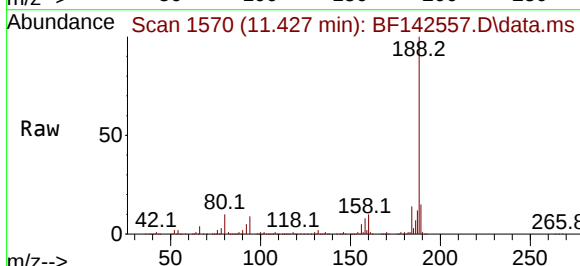
Tgt Ion:188 Resp: 424557

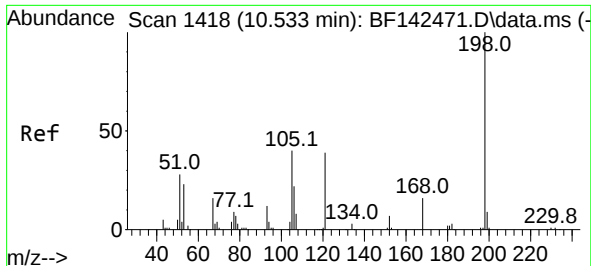
Ion Ratio Lower Upper

188 100

94 9.2 6.6 10.0

80 9.6 7.4 11.0

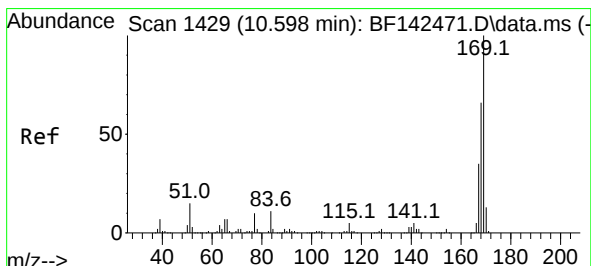
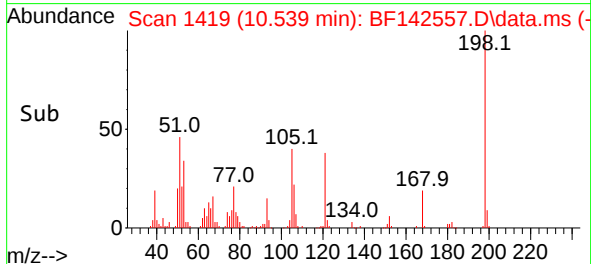
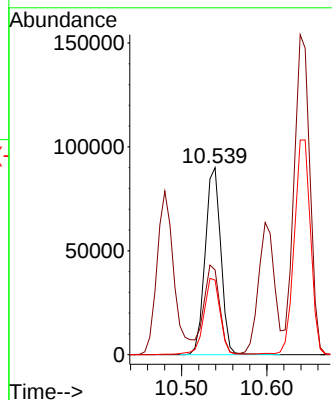
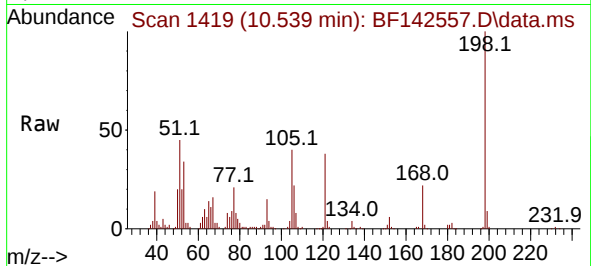




#65
4,6-Dinitro-2-methylphenol
Concen: 48.561 ng
RT: 10.539 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

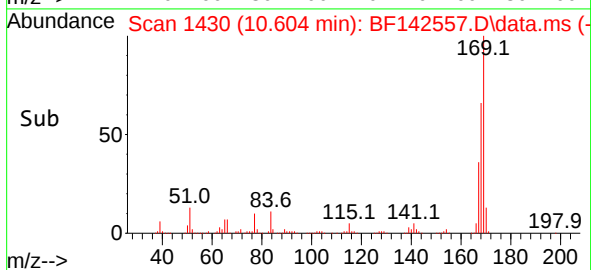
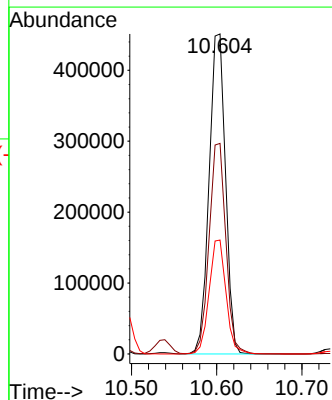
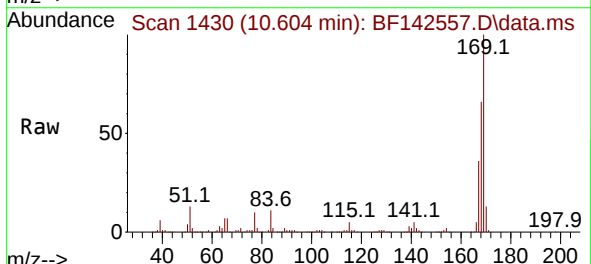
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

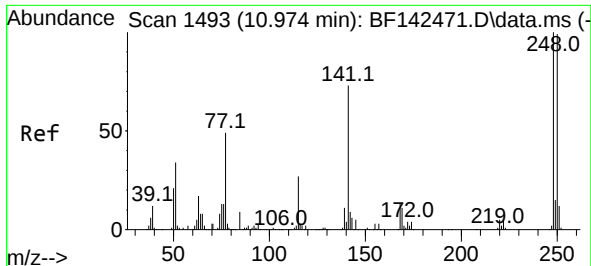
Tgt Ion:198 Resp: 115059
Ion Ratio Lower Upper
198 100
51 45.3 28.3 68.3
105 39.9 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 41.490 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:169 Resp: 602642
Ion Ratio Lower Upper
169 100
168 65.8 52.7 79.1
167 35.6 28.3 42.5

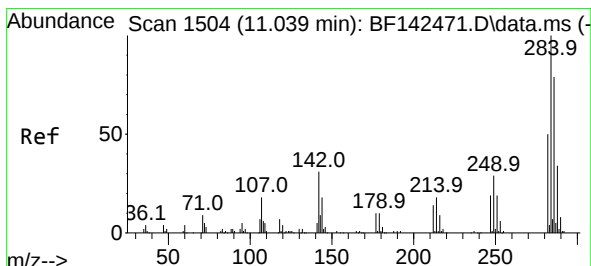
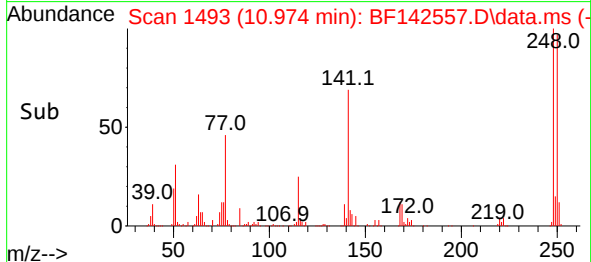
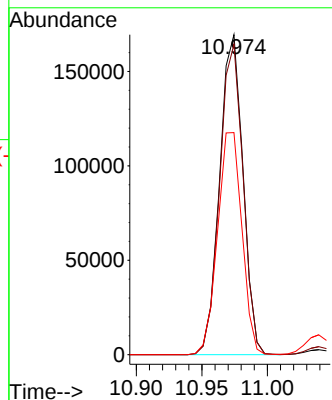
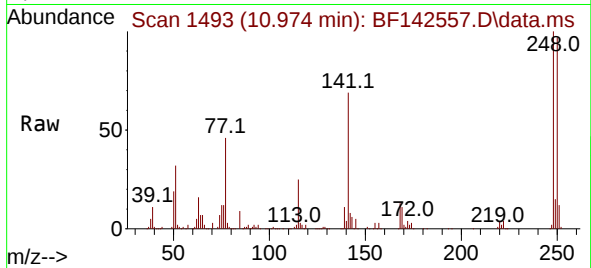




#67
4-Bromophenyl-phenylether
Concen: 41.751 ng
RT: 10.974 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

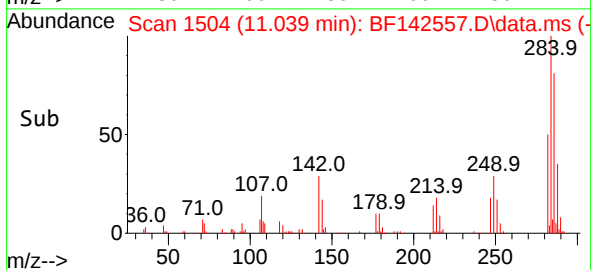
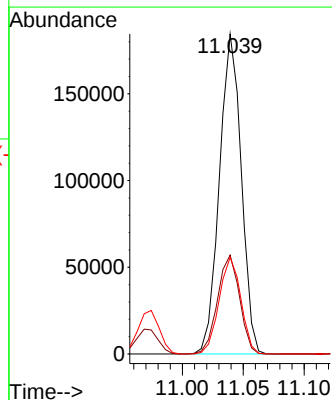
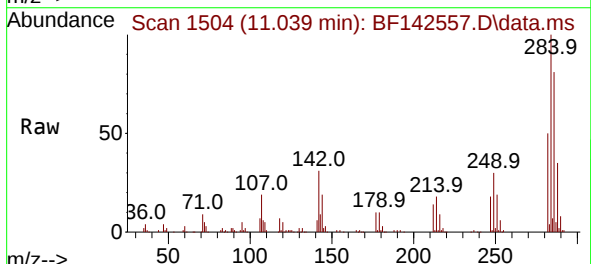
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

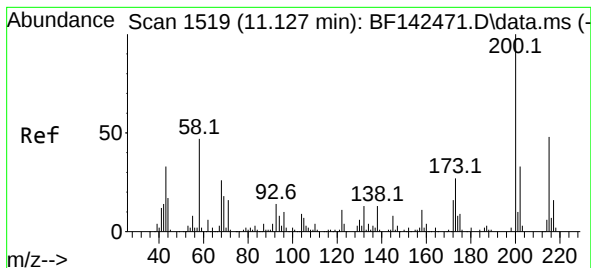
Tgt Ion:248 Resp: 209595
Ion Ratio Lower Upper
248 100
250 97.0 79.0 118.4
141 69.4 58.4 87.6



#68
Hexachlorobenzene
Concen: 41.463 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:284 Resp: 230219
Ion Ratio Lower Upper
284 100
142 30.9 24.8 37.2
249 30.3 23.6 35.4





#69

Atrazine

Concen: 47.356 ng

RT: 11.127 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

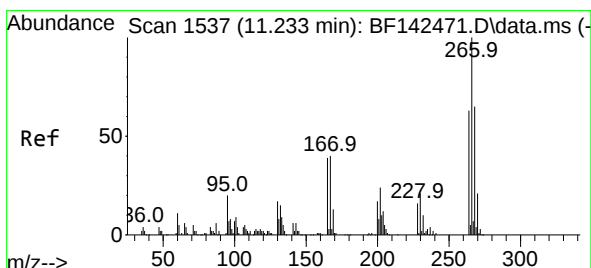
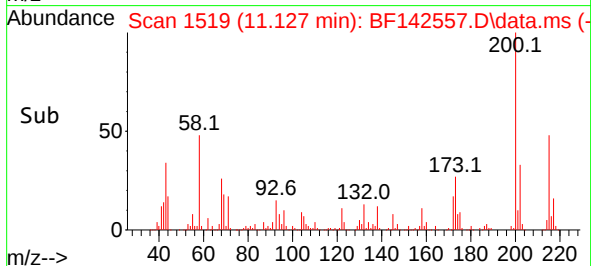
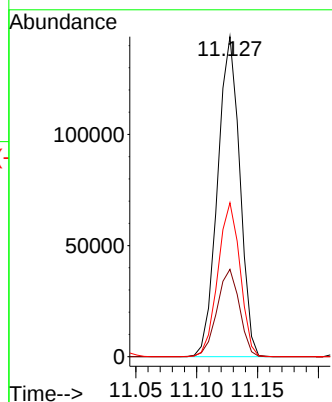
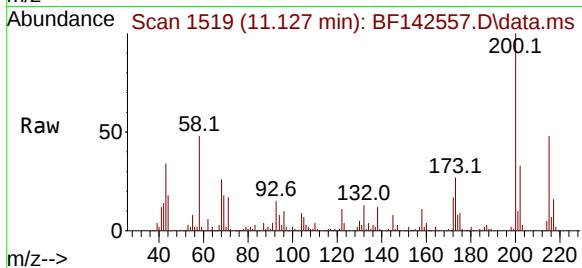
Tgt Ion:200 Resp: 182674

Ion Ratio Lower Upper

200 100

173 27.3 7.4 47.4

215 48.1 28.5 68.5



#70

Pentachlorophenol

Concen: 86.880 ng

RT: 11.233 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

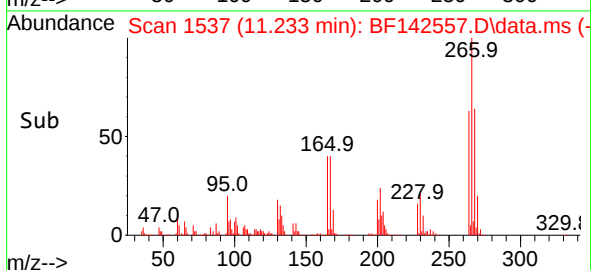
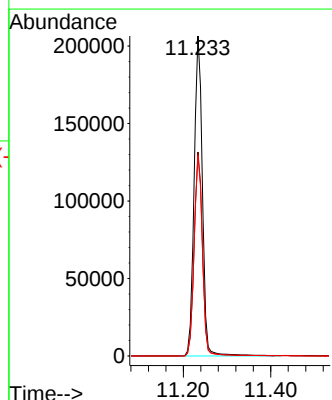
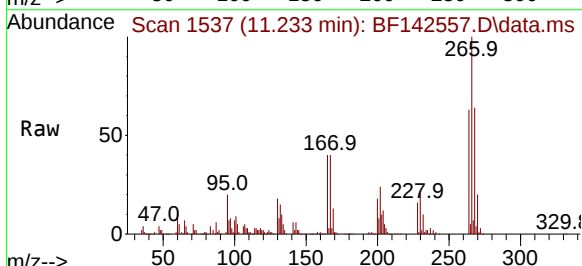
Tgt Ion:266 Resp: 272347

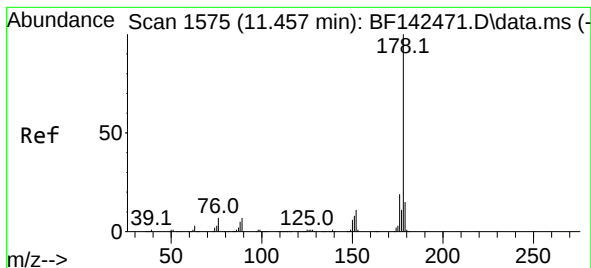
Ion Ratio Lower Upper

266 100

268 63.8 51.7 77.5

264 62.7 50.4 75.6





#71

Phenanthrene

Concen: 41.567 ng

RT: 11.457 min Scan# 1575

Delta R.T. -0.000 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

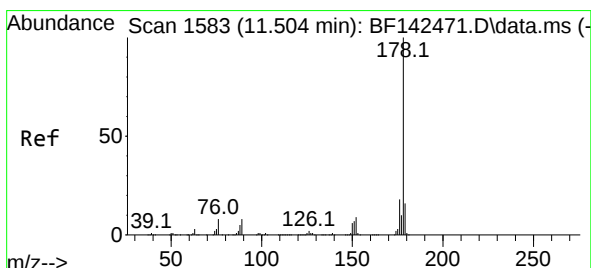
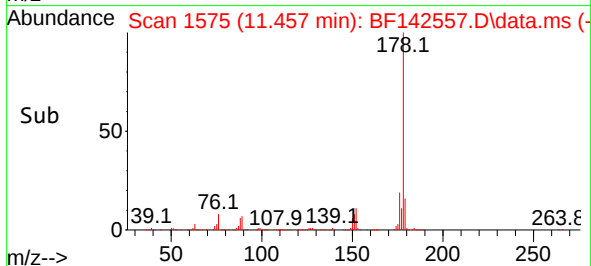
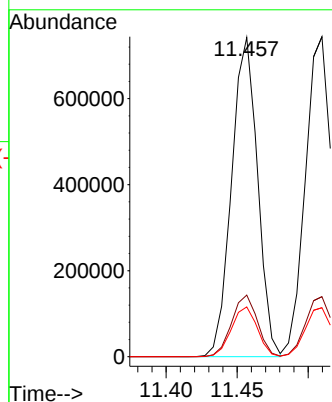
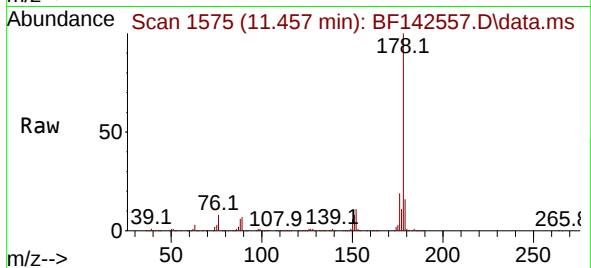
Tgt Ion:178 Resp: 943128

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.6 12.3 18.5



#72

Anthracene

Concen: 41.628 ng

RT: 11.510 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

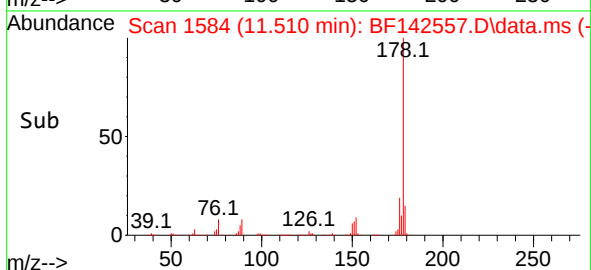
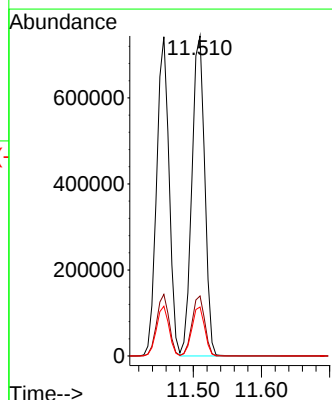
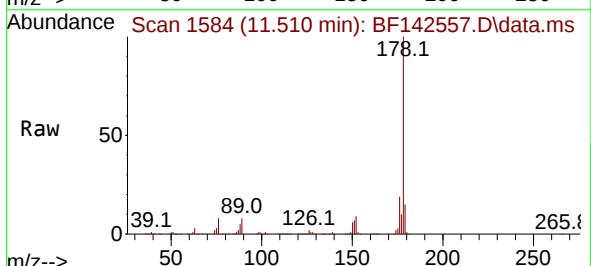
Tgt Ion:178 Resp: 963931

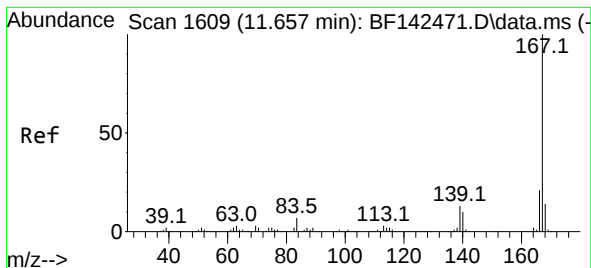
Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

179 15.3 12.4 18.6





#73

Carbazole

Concen: 43.781 ng

RT: 11.663 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

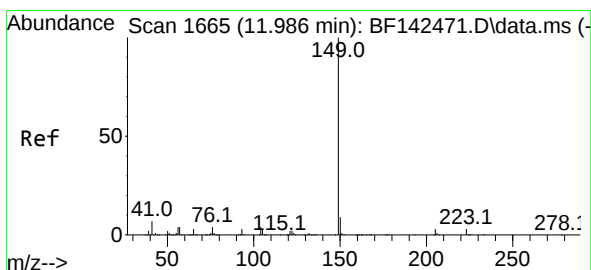
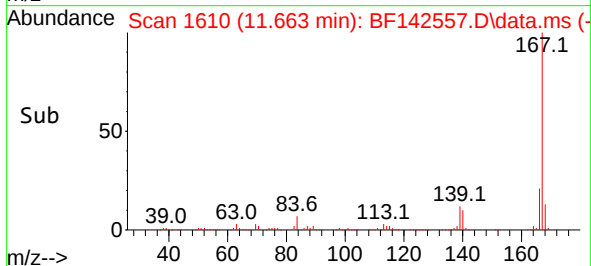
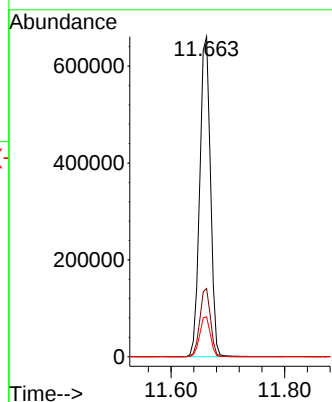
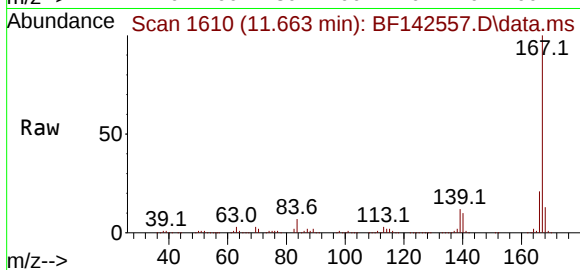
Tgt Ion:167 Resp: 866693

Ion Ratio Lower Upper

167 100

166 21.3 16.9 25.3

139 12.5 10.2 15.4



#74

Di-n-butylphthalate

Concen: 46.294 ng

RT: 11.986 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

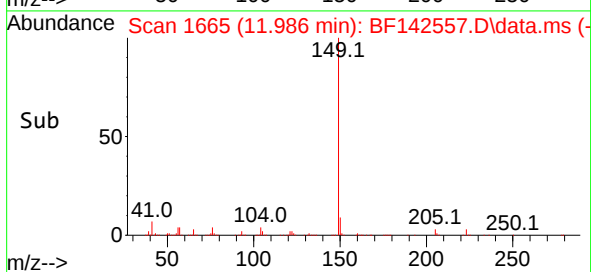
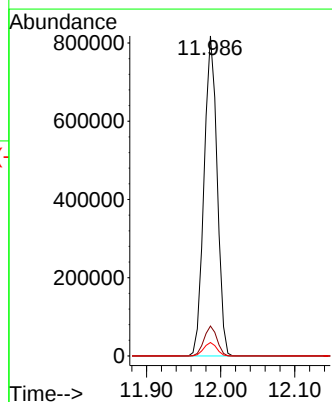
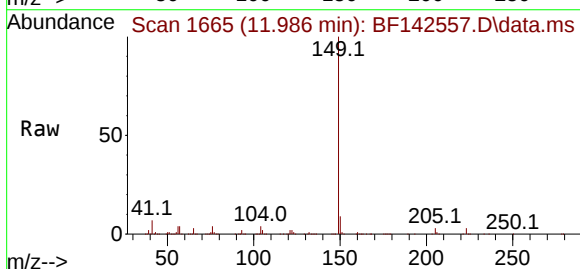
Tgt Ion:149 Resp: 1003125

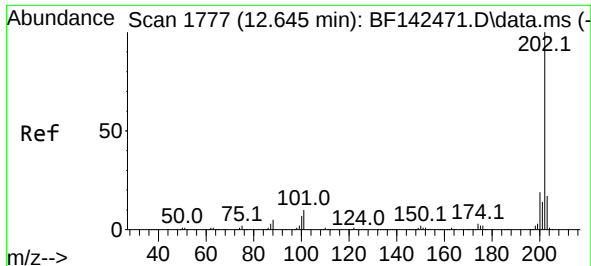
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 4.2 3.6 5.4

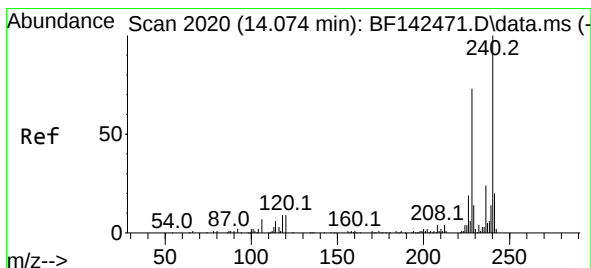
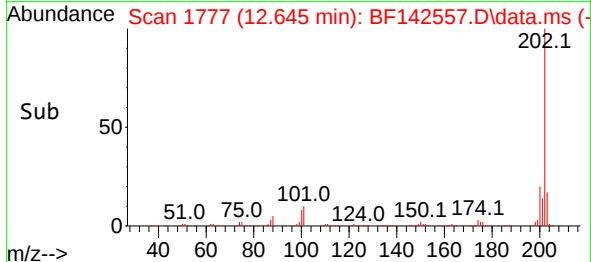
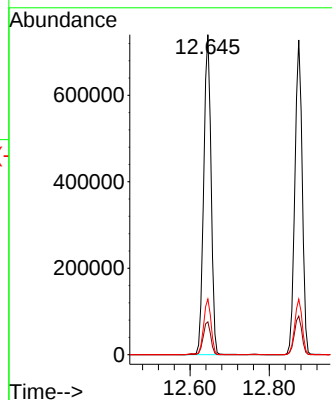
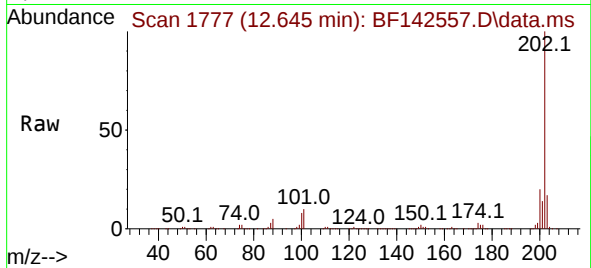




#75
Fluoranthene
Concen: 44.810 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

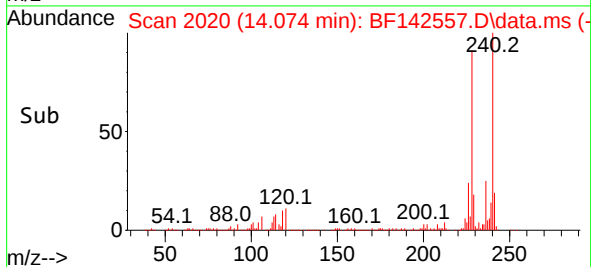
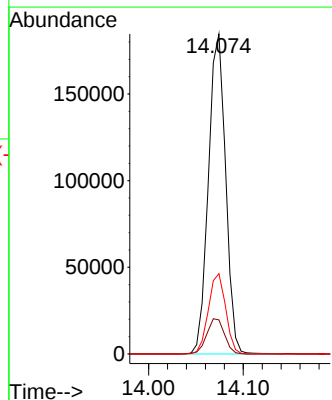
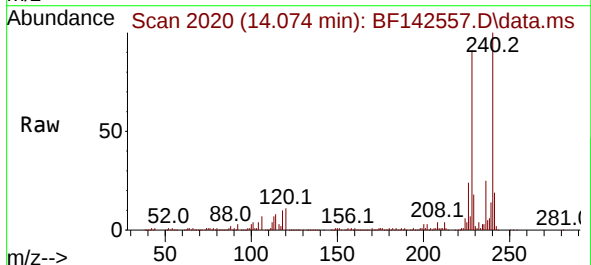
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

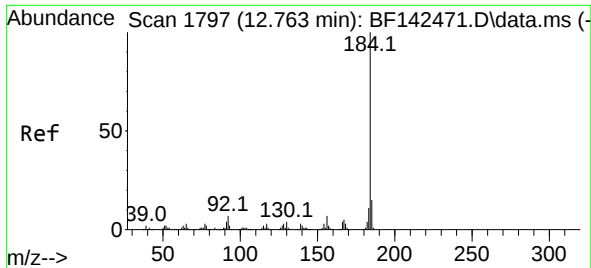
Tgt Ion:202 Resp: 950013
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.6
203 17.4 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:240 Resp: 233295
Ion Ratio Lower Upper
240 100
120 10.6 7.5 11.3
236 25.1 19.6 29.4

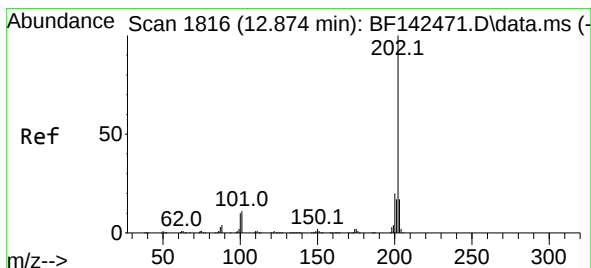
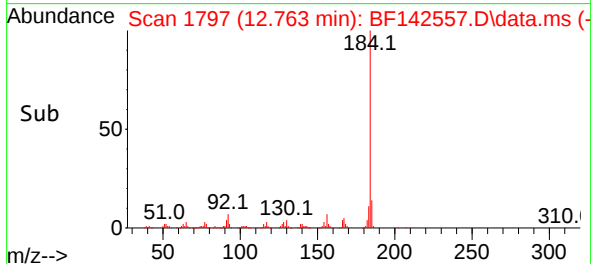
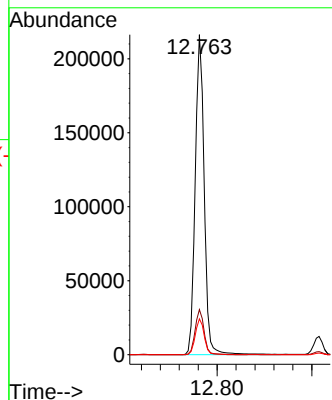
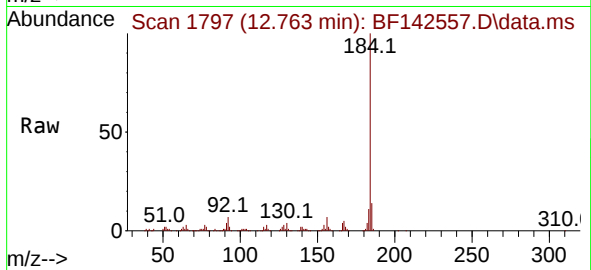




#77
Benzidine
Concen: 32.804 ng
RT: 12.763 min Scan# 1797
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

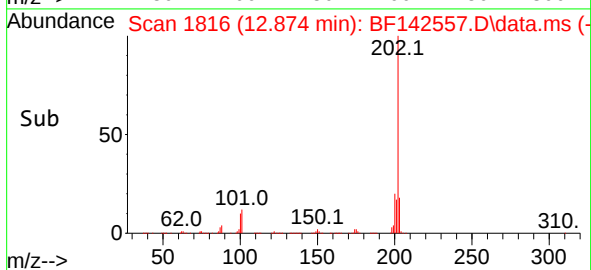
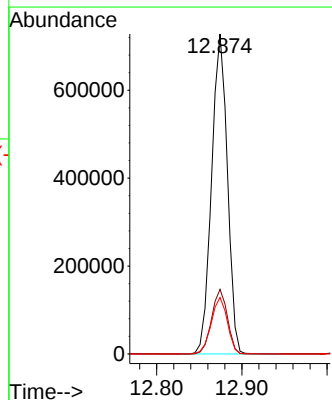
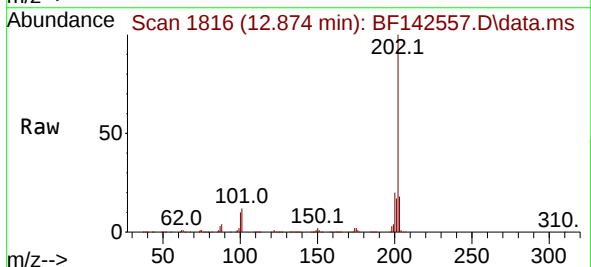
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

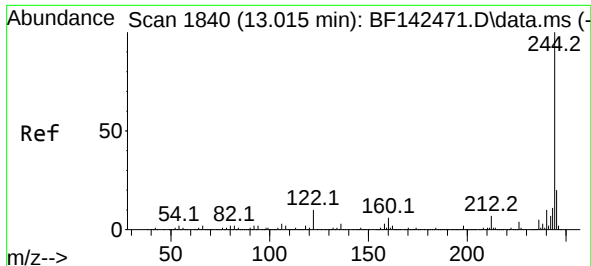
Tgt Ion:184 Resp: 284788
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 11.2 9.0 13.4



#78
Pyrene
Concen: 43.085 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:202 Resp: 937667
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 17.6 13.9 20.9

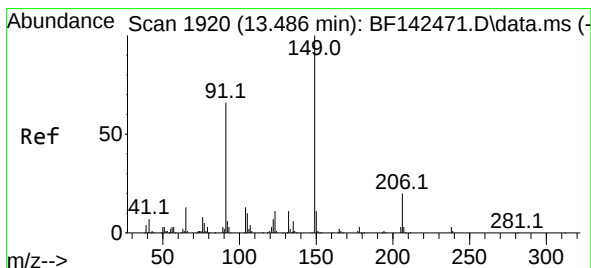
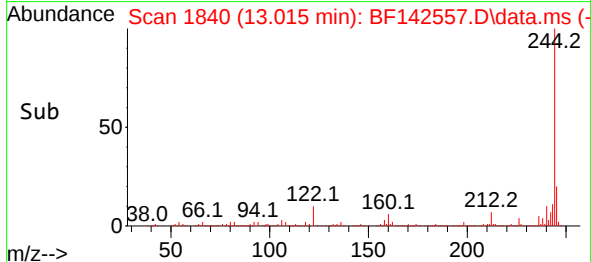
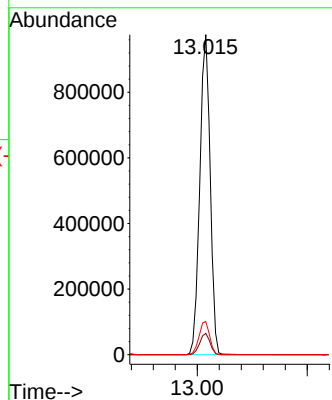
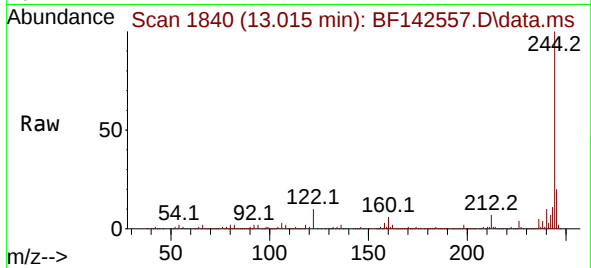




#79
 Terphenyl-d14
 Concen: 74.970 ng
 RT: 13.015 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF142557.D
 Acq: 27 May 2025 12:39

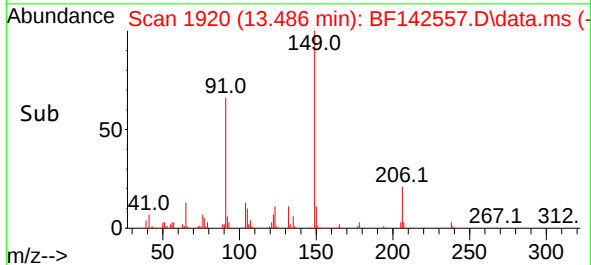
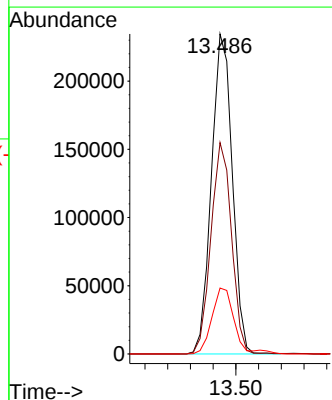
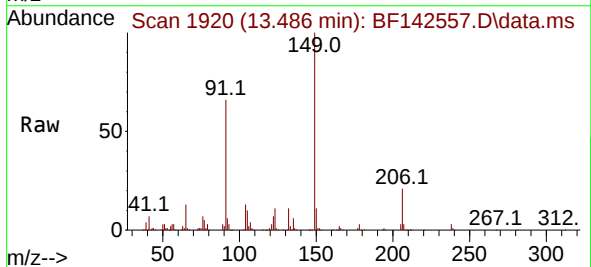
Instrument :
 BNA_F
 ClientSampleId :
 PB168143BSD

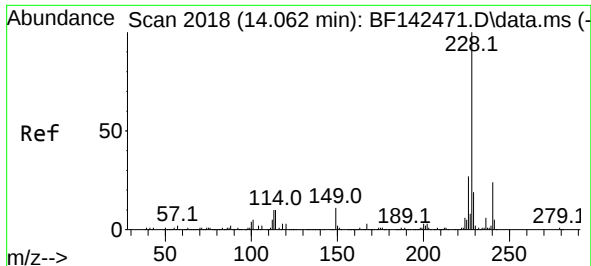
Tgt Ion:244 Resp: 1279885
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.3 7.9
 122 10.3 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 49.726 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142557.D
 Acq: 27 May 2025 12:39

Tgt Ion:149 Resp: 299031
 Ion Ratio Lower Upper
 149 100
 91 66.0 52.9 79.3
 206 20.6 16.2 24.2

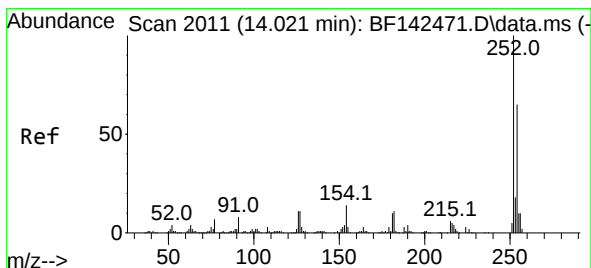
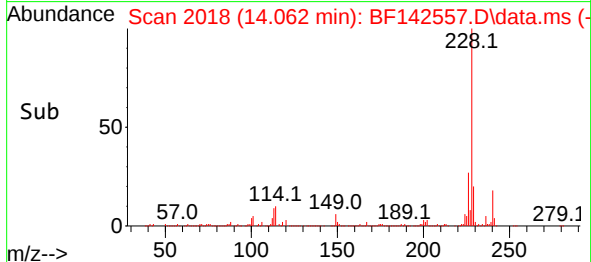
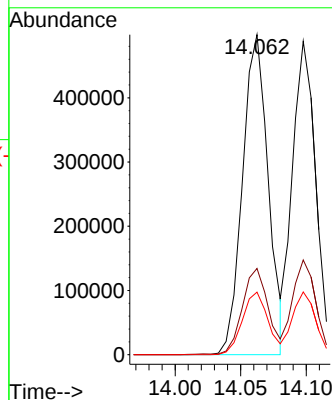
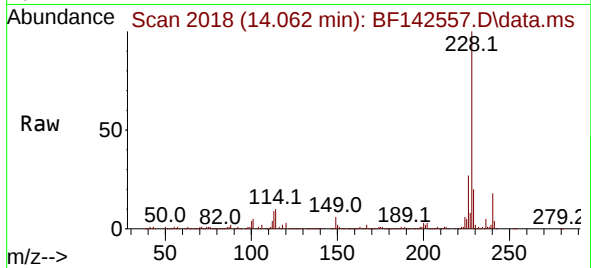




#81
Benzo(a)anthracene
Concen: 43.633 ng
RT: 14.062 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

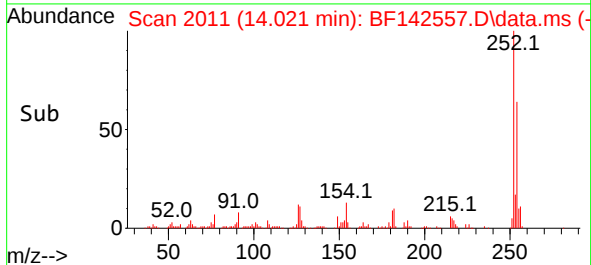
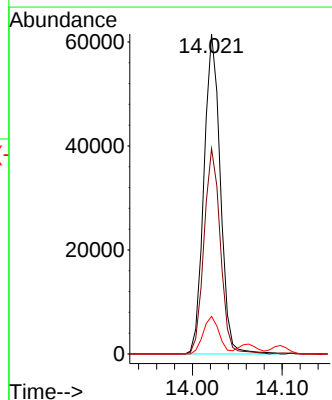
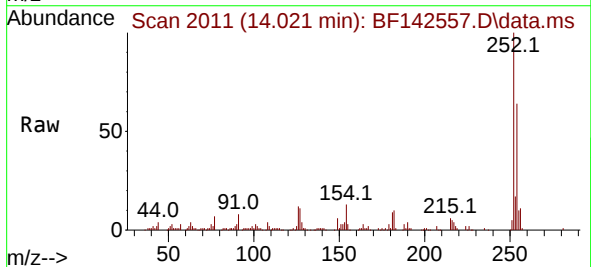
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

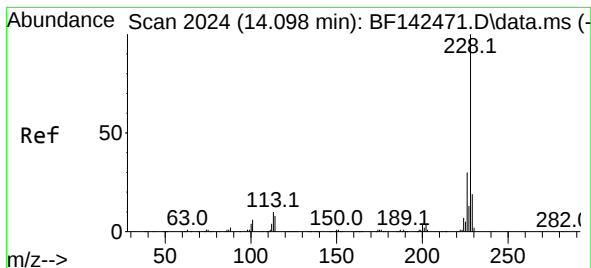
Tgt Ion:228 Resp: 679726
Ion Ratio Lower Upper
228 100
226 27.0 21.2 31.8
229 19.6 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 16.511 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:252 Resp: 78017
Ion Ratio Lower Upper
252 100
254 64.2 52.0 78.0
126 11.8 8.9 13.3





#83

Chrysene

Concen: 42.804 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB168143BSD

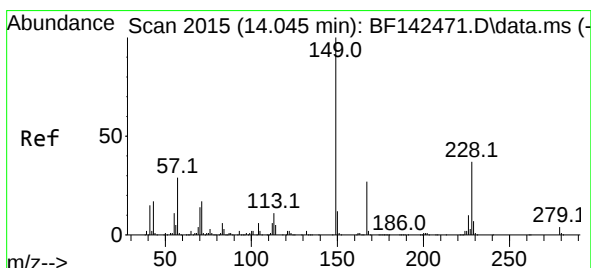
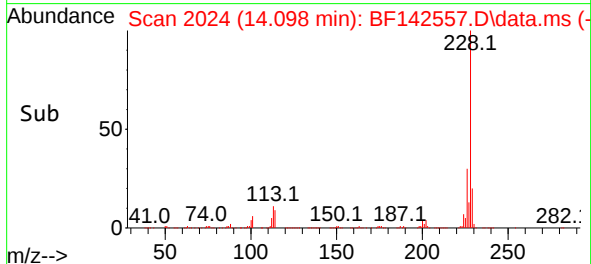
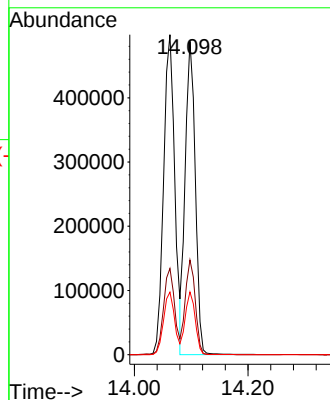
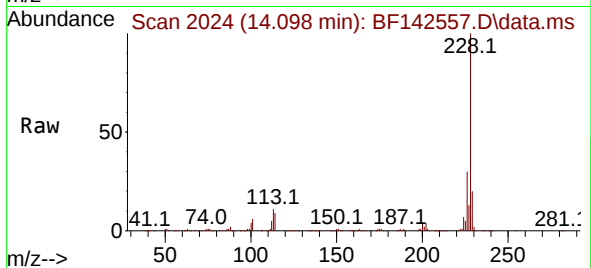
Tgt Ion:228 Resp: 599174

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 20.0 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.263 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142557.D

Acq: 27 May 2025 12:39

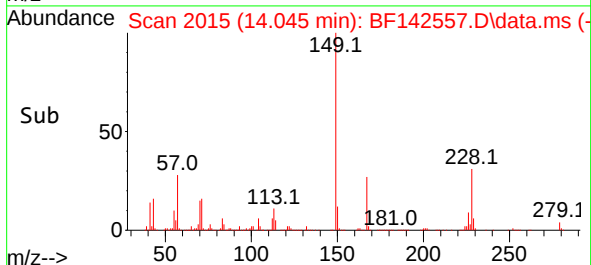
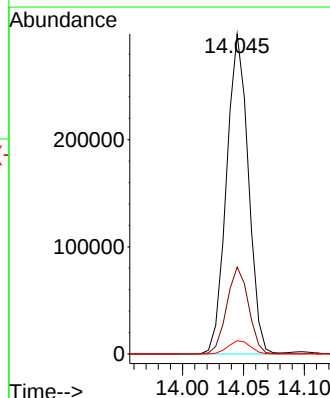
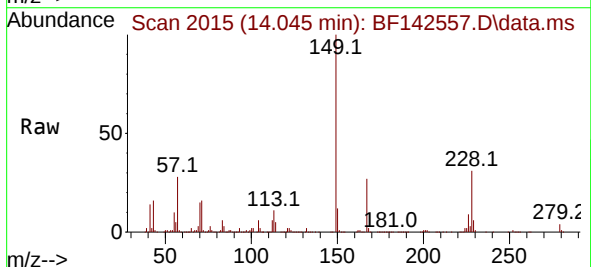
Tgt Ion:149 Resp: 371540

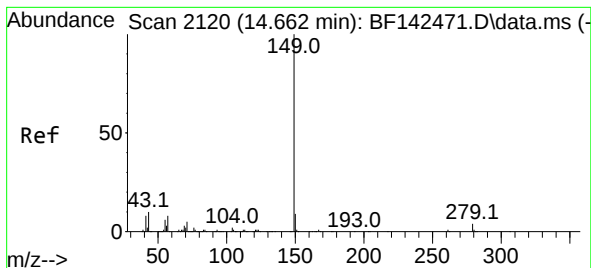
Ion Ratio Lower Upper

149 100

167 27.2 21.5 32.3

279 4.2 3.2 4.8

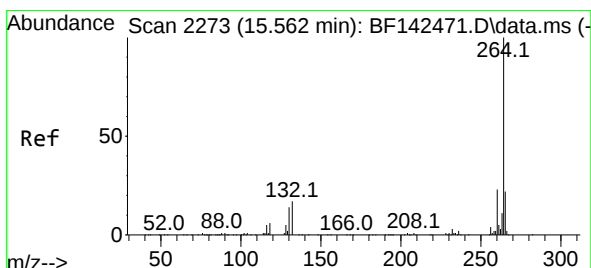
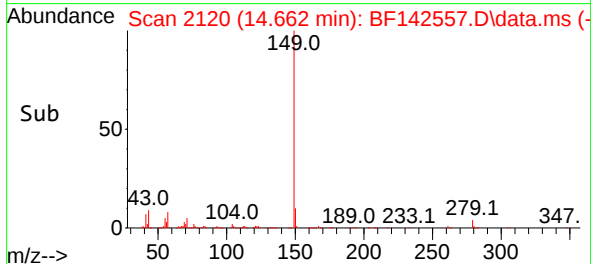
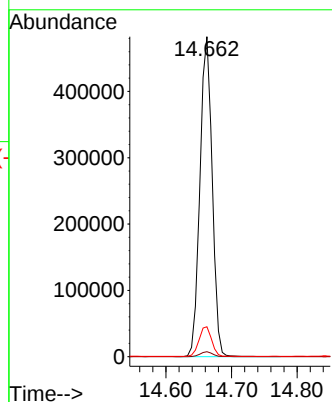
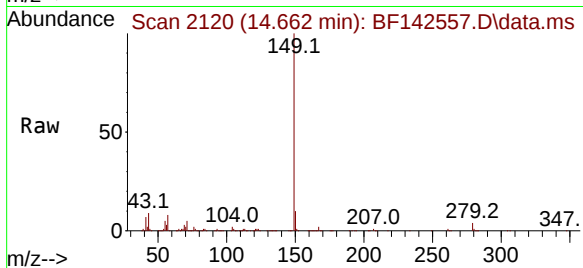




#85
Di-n-octyl phthalate
Concen: 41.754 ng
RT: 14.662 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

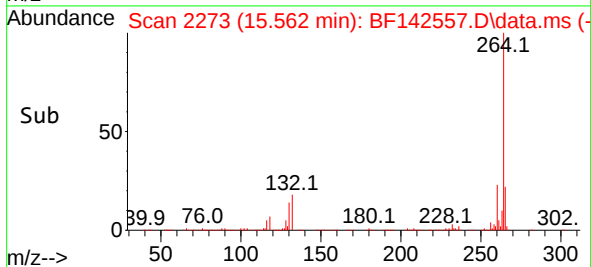
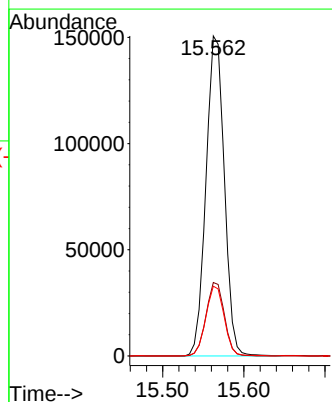
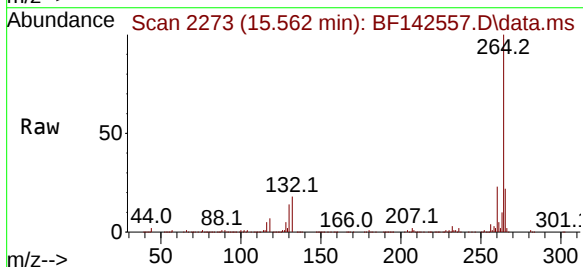
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

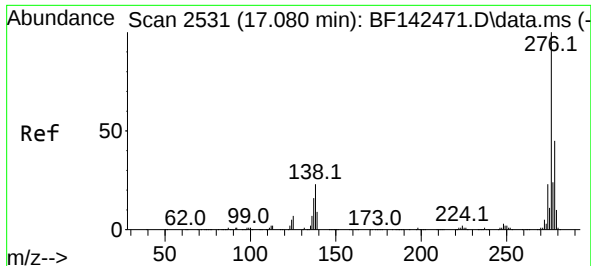
Tgt Ion:149 Resp: 628500
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.5 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:264 Resp: 236170
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 21.8 17.7 26.5

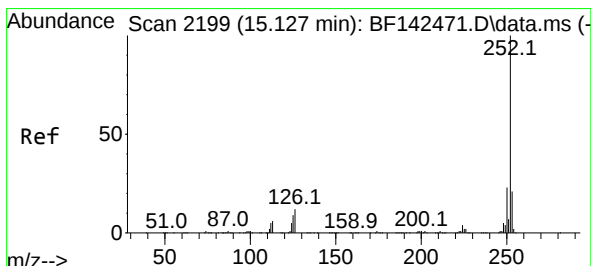
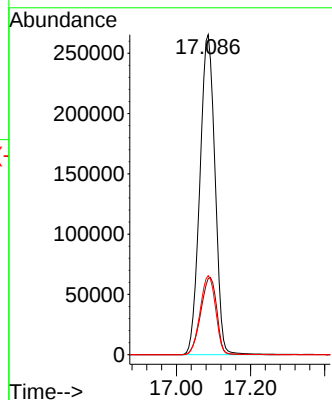
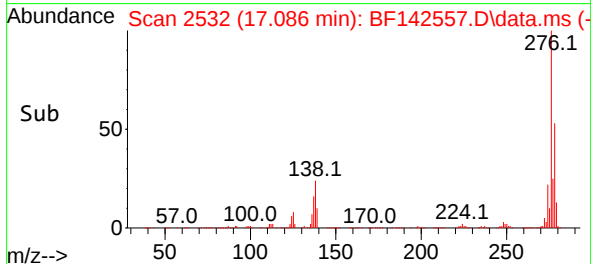
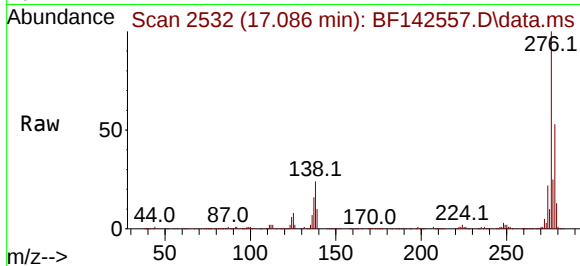




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.414 ng
 RT: 17.086 min Scan# 2199
 Delta R.T. -0.006 min
 Lab File: BF142557.D
 Acq: 27 May 2025 12:39

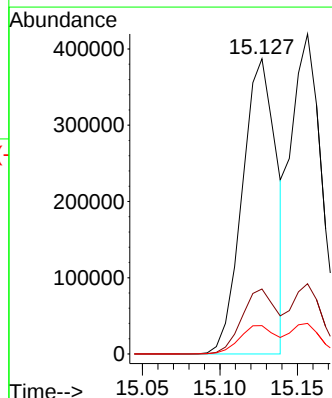
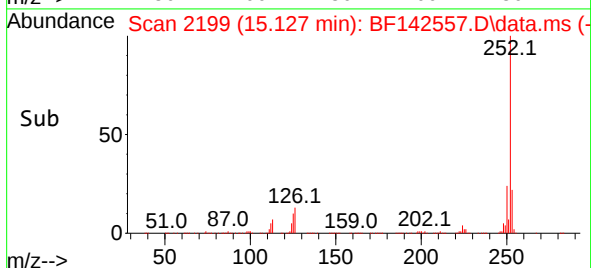
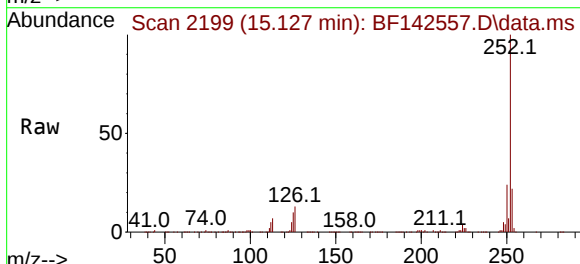
Instrument :
 BNA_F
 ClientSampleId :
 PB168143BSD

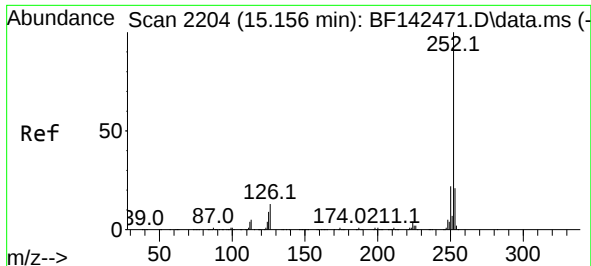
Tgt Ion:276 Resp: 752003
 Ion Ratio Lower Upper
 276 100
 138 25.4 19.9 29.9
 277 25.4 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 42.469 ng
 RT: 15.127 min Scan# 2199
 Delta R.T. -0.000 min
 Lab File: BF142557.D
 Acq: 27 May 2025 12:39

Tgt Ion:252 Resp: 593611
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.0 25.4
 125 9.6 7.4 11.0

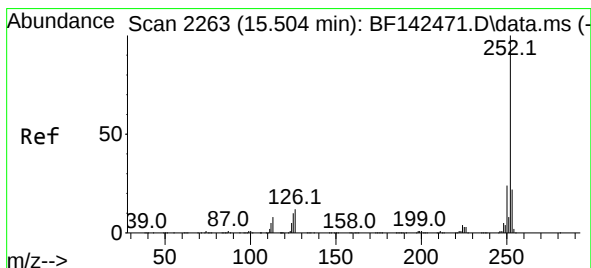
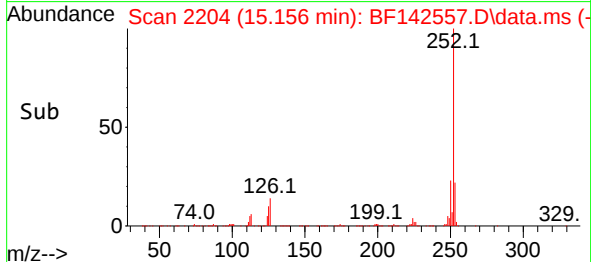
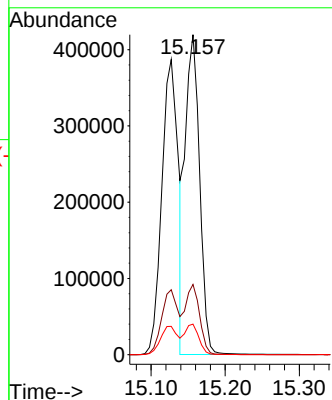
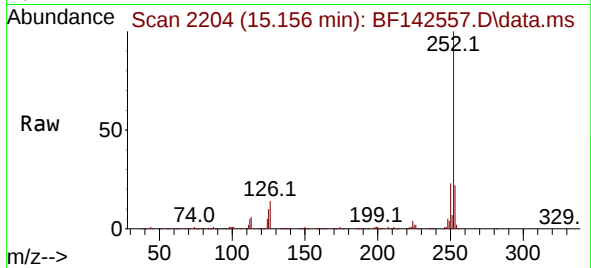




#89
Benzo(k)fluoranthene
Concen: 43.387 ng
RT: 15.156 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

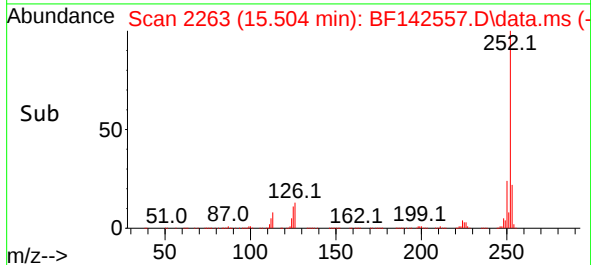
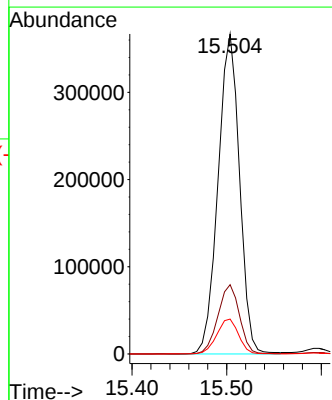
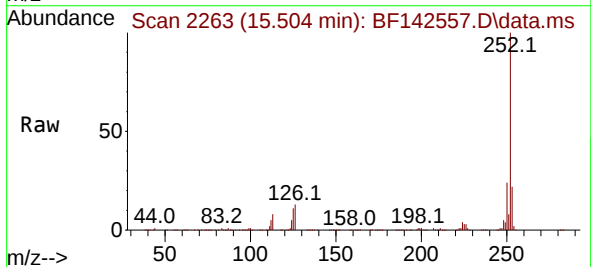
Instrument :
BNA_F
ClientSampleId :
PB168143BSD

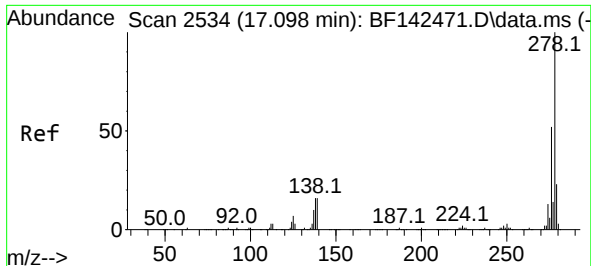
Tgt Ion:252 Resp: 568001
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 9.5 7.3 10.9



#90
Benzo(a)pyrene
Concen: 43.889 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:252 Resp: 578256
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.9 7.9 11.9

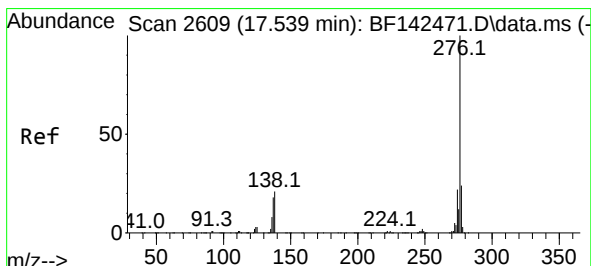
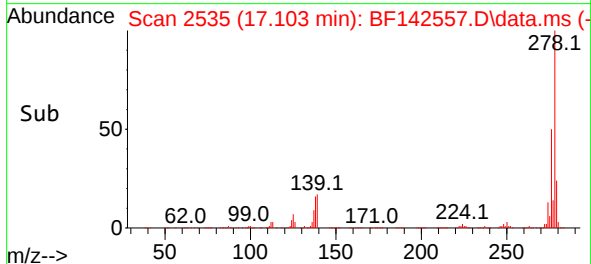
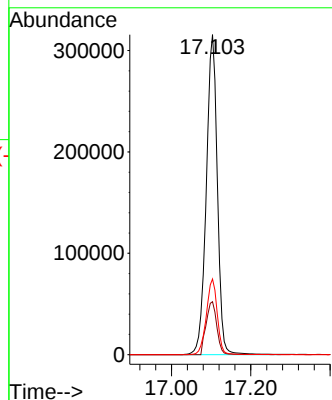
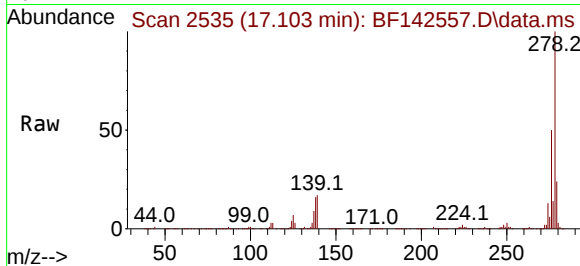




#91
Dibenzo(a,h)anthracene
Concen: 42.656 ng
RT: 17.103 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Instrument :
BNA_F
ClientSampleId :
PB168143BSD

Tgt Ion:278 Resp: 613397
Ion Ratio Lower Upper
278 100
139 16.5 12.8 19.2
279 23.7 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 42.428 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.012 min
Lab File: BF142557.D
Acq: 27 May 2025 12:39

Tgt Ion:276 Resp: 610242
Ion Ratio Lower Upper
276 100
277 23.6 19.2 28.8
138 21.8 16.8 25.2

