

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
 Data File : BF142556.D
 Acq On : 27 May 2025 12:11
 Operator : RC/JU
 Sample : PB168143BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168143BS

Quant Time: May 27 12:43:15 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	120106	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	472385	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	264185	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	473279	20.000	ng	0.00
76) Chrysene-d12	14.074	240	277045	20.000	ng	0.00
86) Perylene-d12	15.562	264	252806	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	856446	120.136	ng	0.01
7) Phenol-d6	6.528	99	1065890	124.207	ng	0.00
23) Nitrobenzene-d5	7.463	82	654131	75.508	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	386188	131.709	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1404017	71.314	ng	0.00
79) Terphenyl-d14	13.016	244	1530542	75.495	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	104221	36.534	ng	99
3) Pyridine	3.516	79	292099	40.209	ng	98
4) n-Nitrosodimethylamine	3.475	42	159374	42.253	ng	94
6) Aniline	6.563	93	296587	25.704	ng	100
8) 2-Chlorophenol	6.681	128	343078	44.183	ng	98
9) Benzaldehyde	6.451	77	198272	38.414	ng	100
10) Phenol	6.545	94	410821	42.545	ng	95
11) bis(2-Chloroethyl)ether	6.634	93	304203	43.765	ng	100
12) 1,3-Dichlorobenzene	6.839	146	360722	41.632	ng	99
13) 1,4-Dichlorobenzene	6.916	146	366370	41.977	ng	99
14) 1,2-Dichlorobenzene	7.069	146	349809	41.886	ng	100
15) Benzyl Alcohol	7.039	79	280767	44.273	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	497464	42.617	ng	99
17) 2-Methylphenol	7.151	107	268857	44.348	ng	99
18) Hexachloroethane	7.410	117	126639	41.553	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	223290	41.984	ng	100
20) 3+4-Methylphenols	7.304	107	337484	43.470	ng	98
22) Acetophenone	7.310	105	443941	42.453	ng	99
24) Nitrobenzene	7.481	77	335756	42.972	ng	98
25) Isophorone	7.722	82	619154	42.747	ng	99
26) 2-Nitrophenol	7.798	139	188155	45.068	ng	97
27) 2,4-Dimethylphenol	7.833	122	326008	44.280	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	392401	43.370	ng	99
29) 2,4-Dichlorophenol	8.039	162	299491	44.730	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	311109	42.814	ng	97
31) Naphthalene	8.204	128	985458	42.367	ng	100
32) Benzoic acid	7.957	122	224657	50.127	ng	98
33) 4-Chloroaniline	8.251	127	80502	8.541	ng	99
34) Hexachlorobutadiene	8.322	225	187381	41.299	ng	99
35) Caprolactam	8.628	113	51517	27.395	ng	98
36) 4-Chloro-3-methylphenol	8.733	107	313802	45.731	ng	98
37) 2-Methylnaphthalene	8.898	142	614795	42.013	ng	100
38) 1-Methylnaphthalene	8.998	142	648412	42.838	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	315760	41.637	ng	99
41) Hexachlorocyclopentadiene	9.051	237	433295	84.697	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	223459	43.698	ng	97

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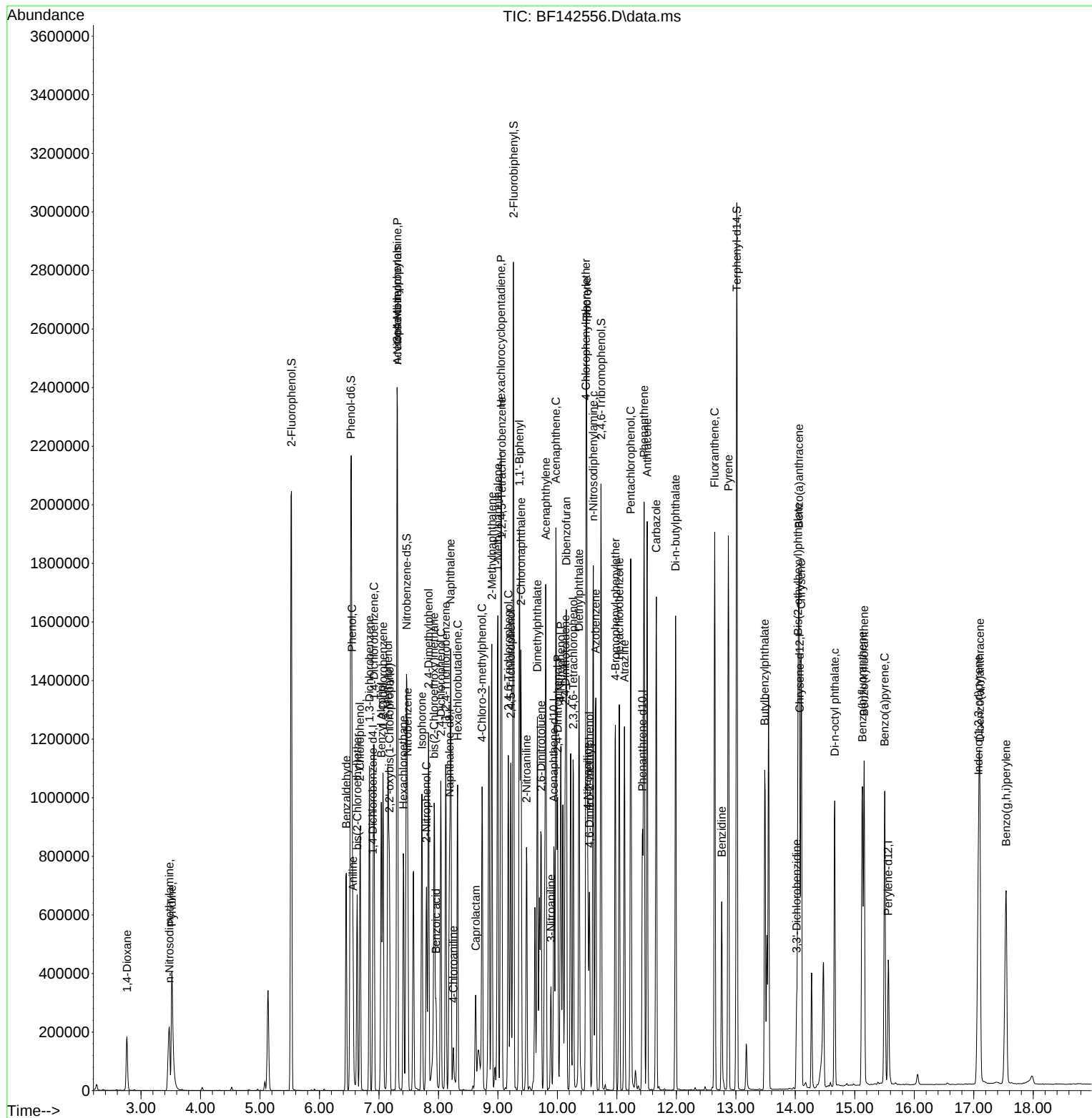
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	239172	44.347	ng	99
46) 1,1'-Biphenyl	9.363	154	855433	41.737	ng	100
47) 2-Chloronaphthalene	9.386	162	641978	42.394	ng	99
48) 2-Nitroaniline	9.480	65	199170	45.503	ng	99
49) Acenaphthylene	9.804	152	1085030	42.433	ng	99
50) Dimethylphthalate	9.663	163	788495	45.233	ng	99
51) 2,6-Dinitrotoluene	9.727	165	174336	46.337	ng	97
52) Acenaphthene	9.975	154	740615	47.433	ng	100
53) 3-Nitroaniline	9.892	138	82927	20.180	ng	98
54) 2,4-Dinitrophenol	10.004	184	206525	106.250	ng	92
55) Dibenzofuran	10.151	168	969659	43.156	ng	99
56) 4-Nitrophenol	10.057	139	306914	101.222	ng	99
57) 2,4-Dinitrotoluene	10.133	165	242041	49.261	ng	98
58) Fluorene	10.492	166	748792	43.138	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	206439	45.851	ng	100
60) Diethylphthalate	10.363	149	774294	45.480	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	371060	43.515	ng	98
62) 4-Nitroaniline	10.510	138	185925	49.886	ng	98
63) Azobenzene	10.645	77	683843	44.721	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	131063	49.622	ng	99
66) n-Nitrosodiphenylamine	10.604	169	672871	41.556	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	235538	42.089	ng	98
68) Hexachlorobenzene	11.039	284	265736	42.933	ng	99
69) Atrazine	11.127	200	217691	50.625	ng	99
70) Pentachlorophenol	11.233	266	314101	89.884	ng	99
71) Phenanthrene	11.457	178	1090302	43.107	ng	100
72) Anthracene	11.510	178	1102148	42.697	ng	99
73) Carbazole	11.663	167	1013432	45.924	ng	100
74) Di-n-butylphthalate	11.986	149	1174359	48.617	ng	99
75) Fluoranthene	12.645	202	1124554	47.583	ng	98
77) Benzidine	12.763	184	357353	34.662	ng	99
78) Pyrene	12.874	202	1125782	43.560	ng	100
80) Butylbenzylphthalate	13.486	149	375686	52.608	ng	99
81) Benzo(a)anthracene	14.063	228	812818	43.937	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	90586	16.144	ng	99
83) Chrysene	14.098	228	734102	44.161	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	436890	47.790	ng	99
85) Di-n-octyl phthalate	14.662	149	676762	37.861	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	805592	42.446	ng	99
88) Benzo(b)fluoranthene	15.127	252	663713	44.359	ng	98
89) Benzo(k)fluoranthene	15.157	252	640069	45.674	ng	98
90) Benzo(a)pyrene	15.504	252	637798	45.223	ng	99
91) Dibenzo(a,h)anthracene	17.103	278	658445	42.776	ng	100
92) Benzo(g,h,i)perylene	17.545	276	654940	42.539	ng	98

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

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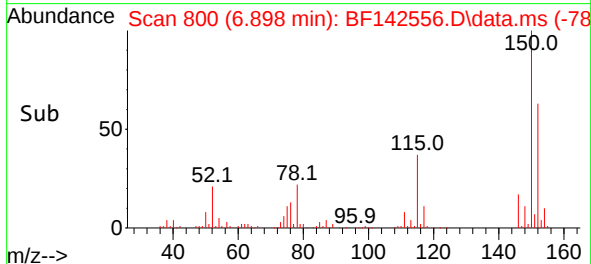
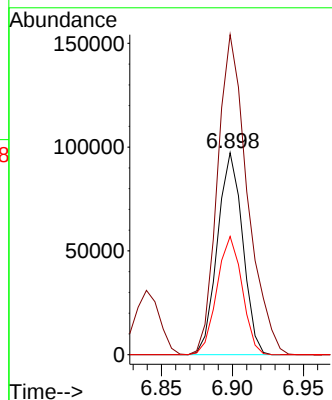
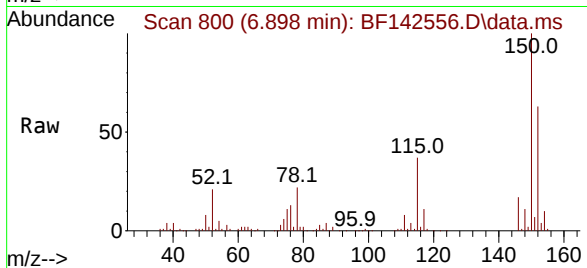




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142556.D
 Acq: 27 May 2025 12:11

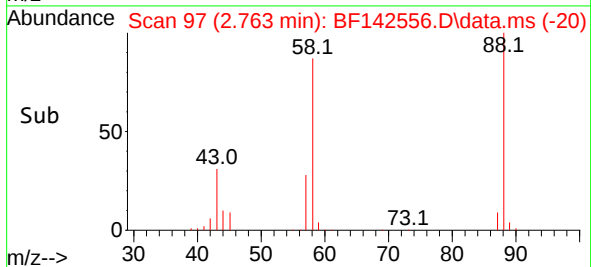
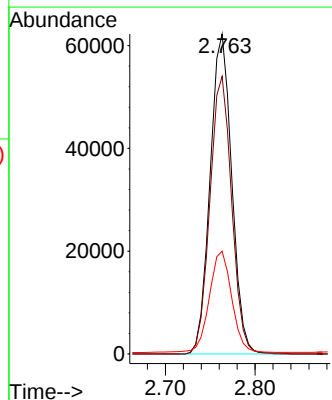
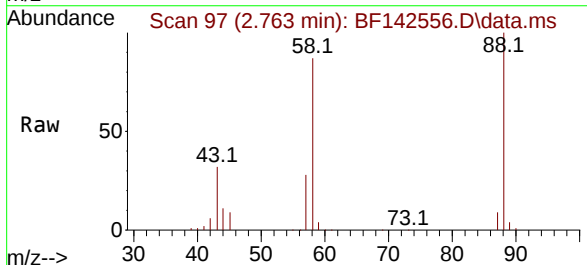
Instrument :
 BNA_F
 ClientSampleId :
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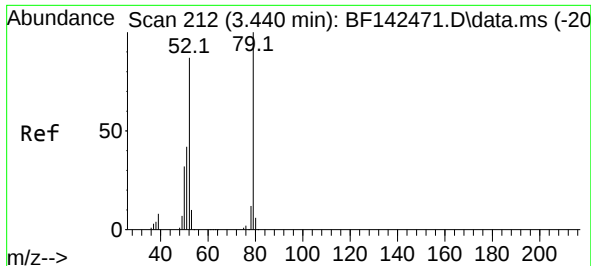
Tgt Ion:152 Resp: 120106
 Ion Ratio Lower Upper
 152 100
 150 158.5 128.2 192.4
 115 58.6 48.3 72.5



#2
 1,4-Dioxane
 Concen: 36.534 ng
 RT: 2.763 min Scan# 97
 Delta R.T. 0.100 min
 Lab File: BF142556.D
 Acq: 27 May 2025 12:11

Tgt Ion: 88 Resp: 104221
 Ion Ratio Lower Upper
 88 100
 58 87.4 70.8 106.2
 43 33.1 26.6 40.0





#3

Pyridine

Concen: 40.209 ng

RT: 3.516 min Scan# 21

Delta R.T. 0.077 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

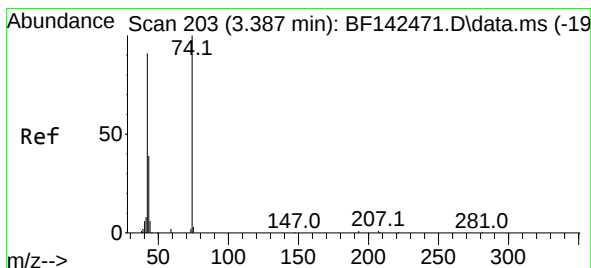
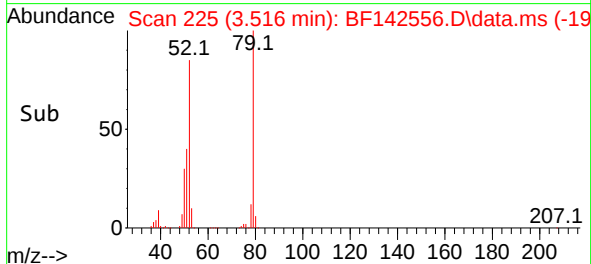
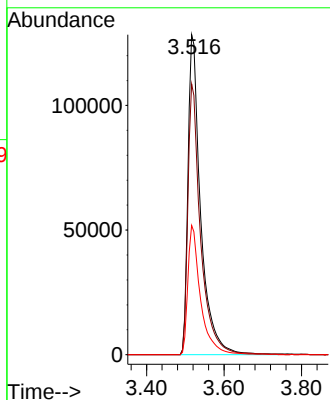
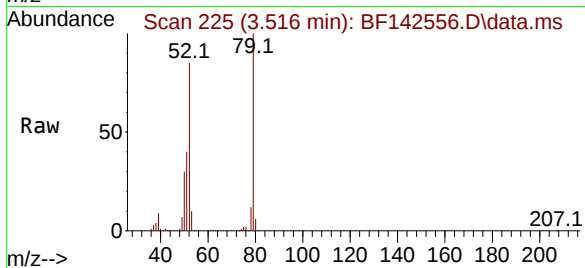
Tgt Ion: 79 Resp: 292099

Ion Ratio Lower Upper

79 100

52 84.6 69.2 103.8

51 40.4 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 42.253 ng

RT: 3.475 min Scan# 218

Delta R.T. 0.071 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

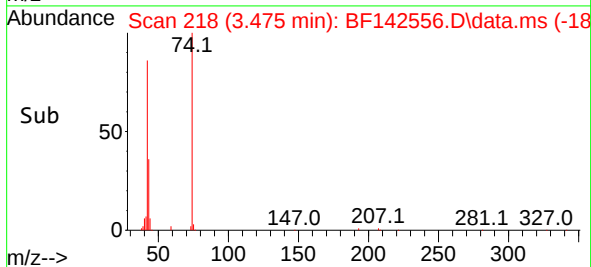
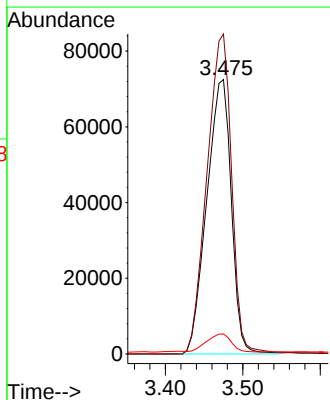
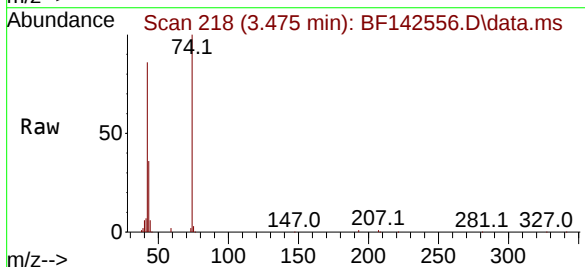
Tgt Ion: 42 Resp: 159374

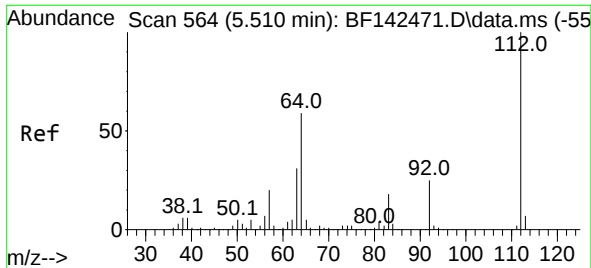
Ion Ratio Lower Upper

42 100

74 116.6 88.2 132.4

44 7.3 5.4 8.2

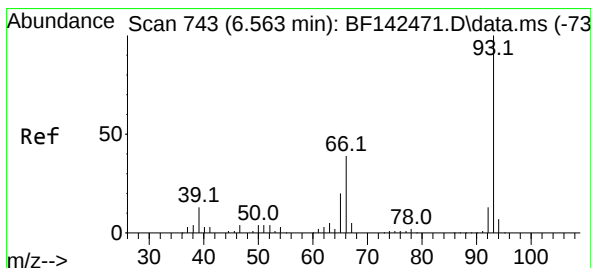
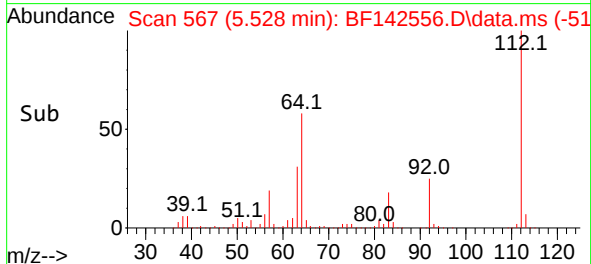
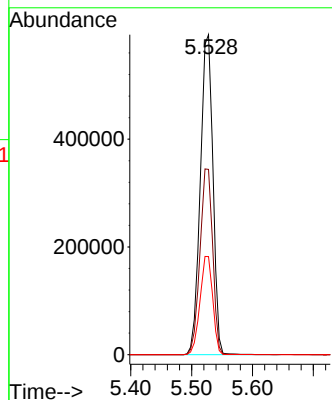
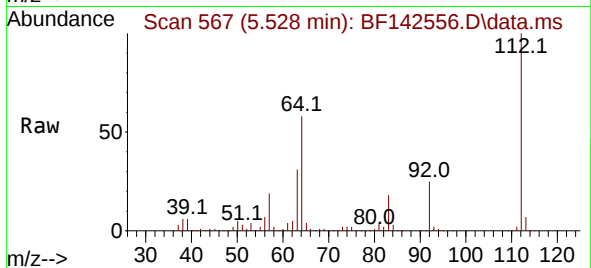




#5
2-Fluorophenol
Concen: 120.136 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

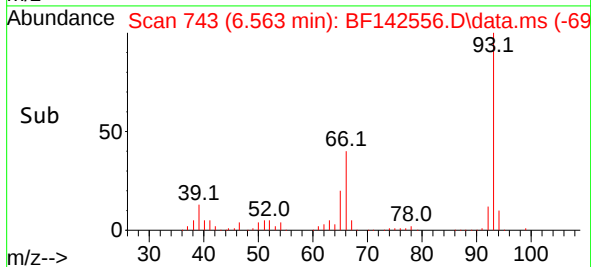
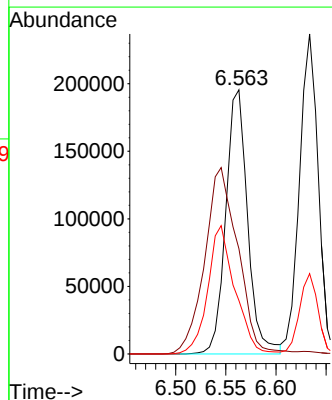
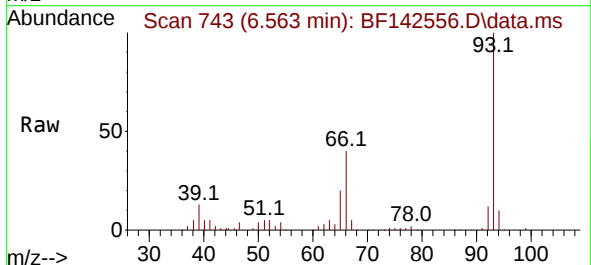
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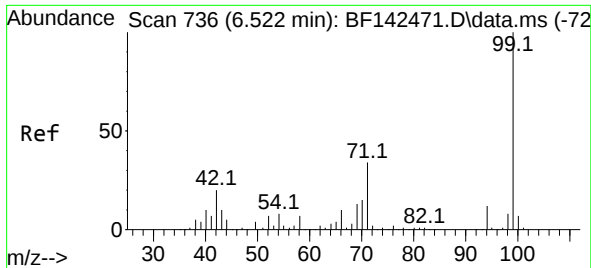
Tgt Ion:112 Resp: 856446
Ion Ratio Lower Upper
112 100
64 57.9 47.5 71.3
63 30.7 24.9 37.3



#6
Aniline
Concen: 25.704 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion: 93 Resp: 296587
Ion Ratio Lower Upper
93 100
66 39.9 32.0 48.0
65 20.2 16.1 24.1

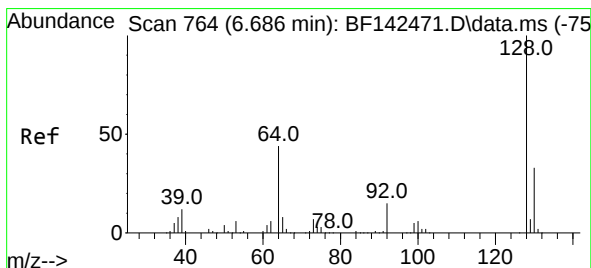
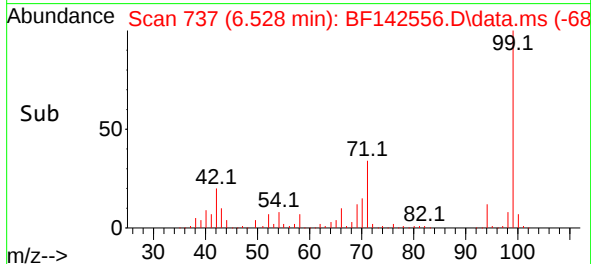
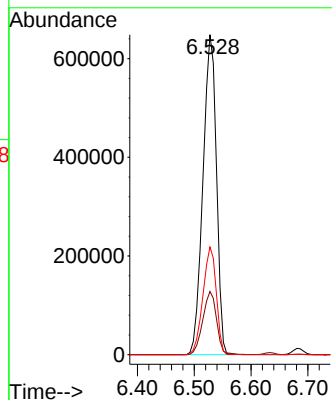
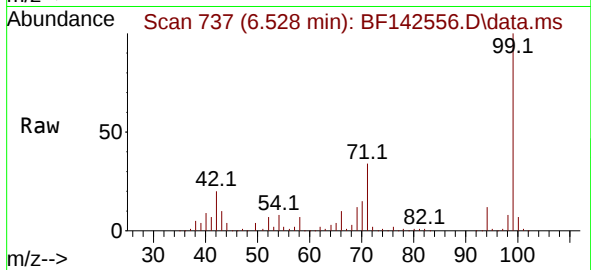




#7
Phenol-d6
Concen: 124.207 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

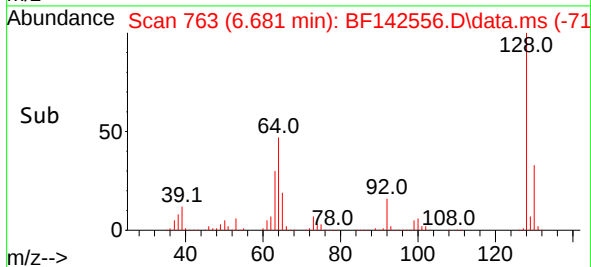
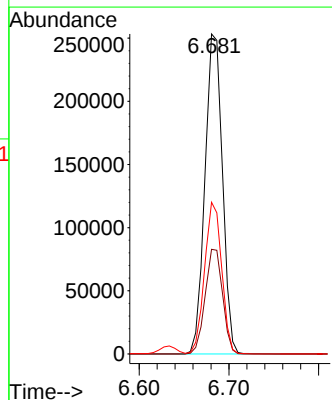
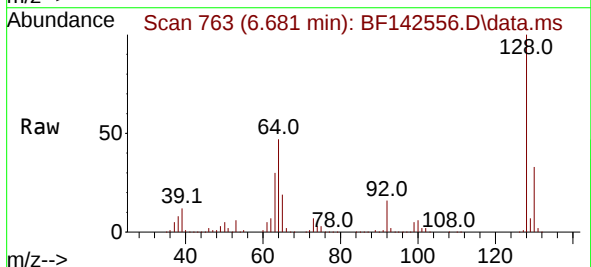
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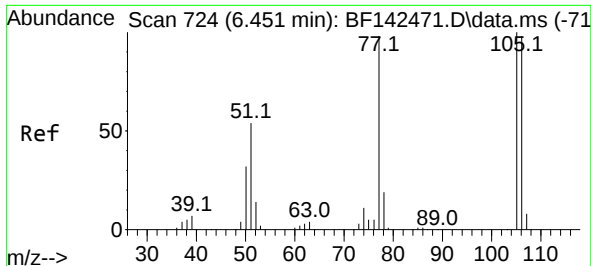
Tgt Ion: 99 Resp: 1065890
Ion Ratio Lower Upper
99 100
42 19.8 16.2 24.2
71 33.6 27.3 40.9



#8
2-Chlorophenol
Concen: 44.183 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion: 128 Resp: 343078
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 47.4 25.1 65.1





#9

Benzaldehyde

Concen: 38.414 ng

RT: 6.451 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

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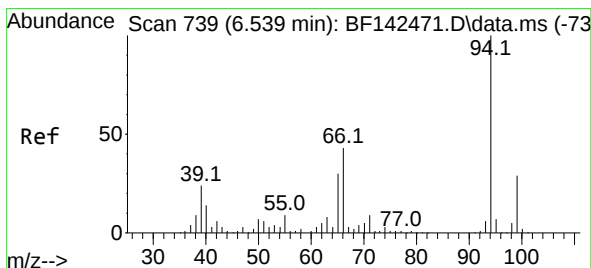
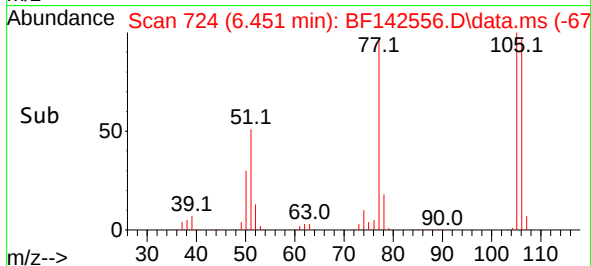
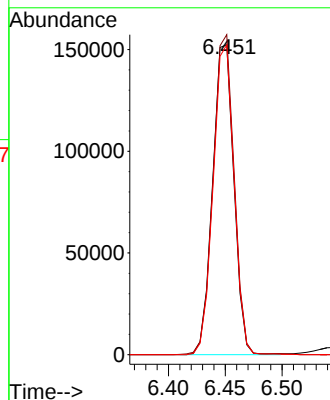
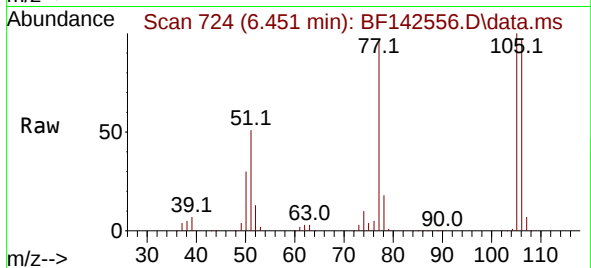
Tgt Ion: 77 Resp: 198272

Ion Ratio Lower Upper

77 100

105 103.2 82.5 122.5

106 99.9 80.0 120.0



#10

Phenol

Concen: 42.545 ng

RT: 6.545 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF142556.D

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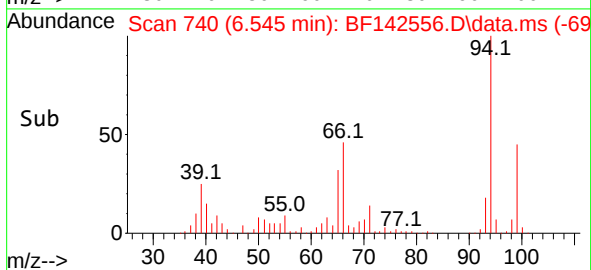
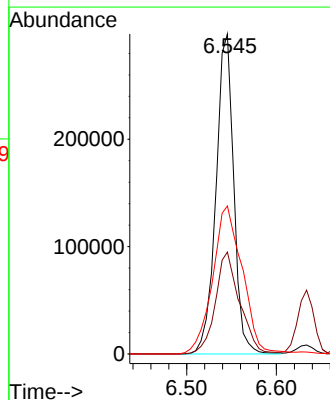
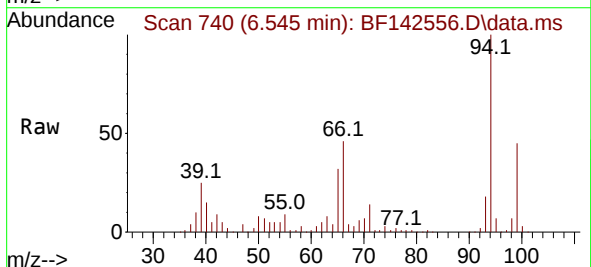
Tgt Ion: 94 Resp: 410821

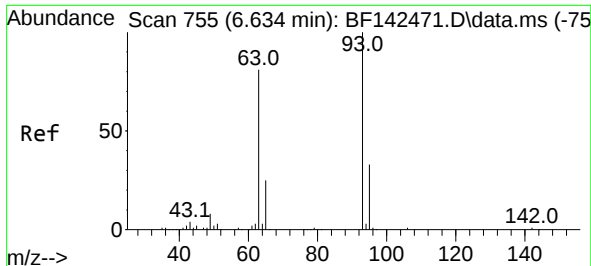
Ion Ratio Lower Upper

94 100

65 31.9 10.3 50.3

66 46.3 22.6 62.6





#11

bis(2-Chloroethyl)ether

Concen: 43.765 ng

RT: 6.634 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

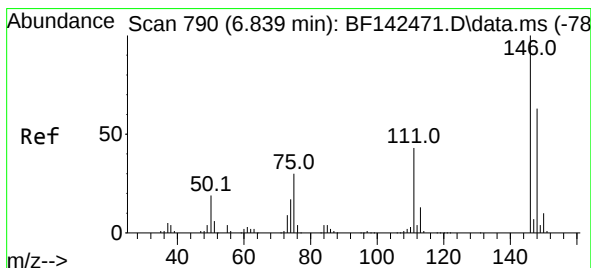
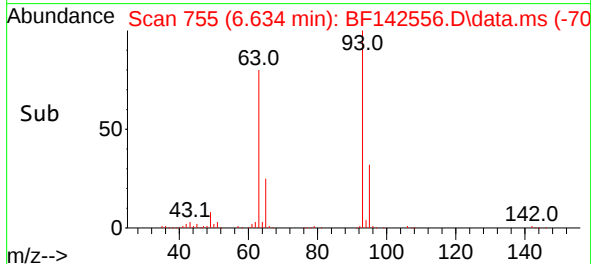
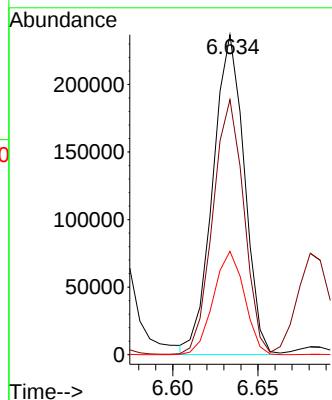
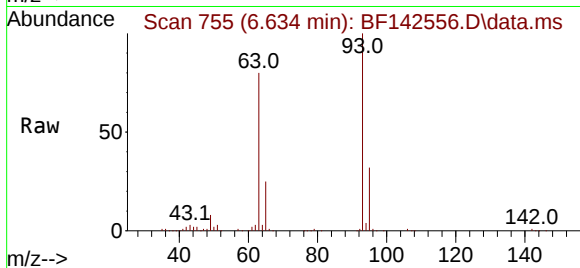
Tgt Ion: 93 Resp: 304203

Ion Ratio Lower Upper

93 100

63 79.7 60.2 100.2

95 32.3 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 41.632 ng

RT: 6.839 min Scan# 790

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

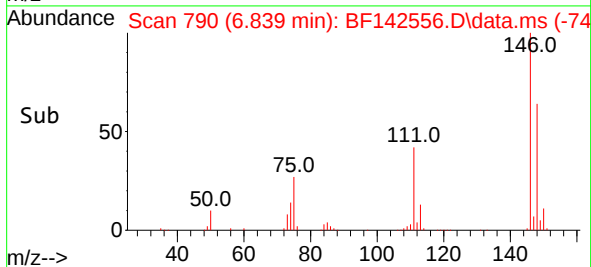
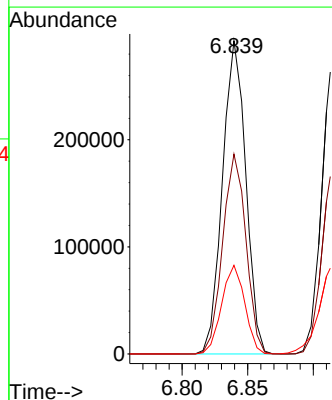
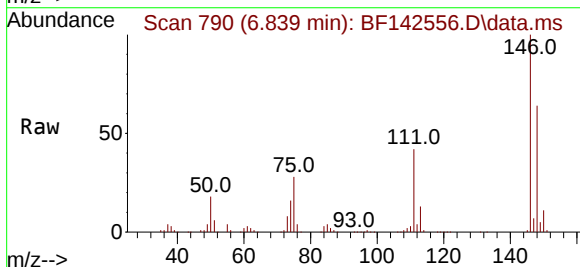
Tgt Ion:146 Resp: 360722

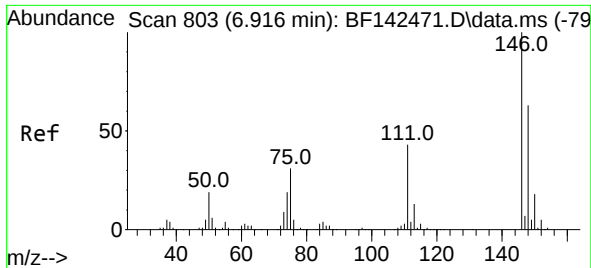
Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

75 28.3 23.8 35.6

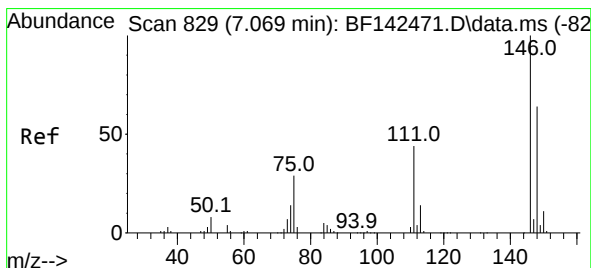
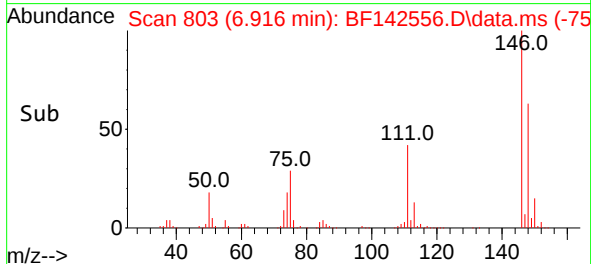
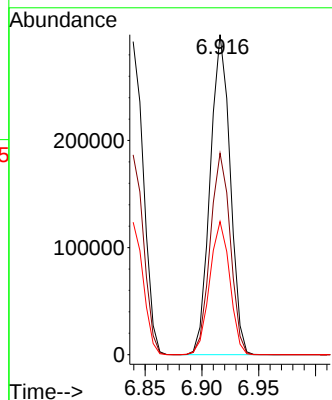
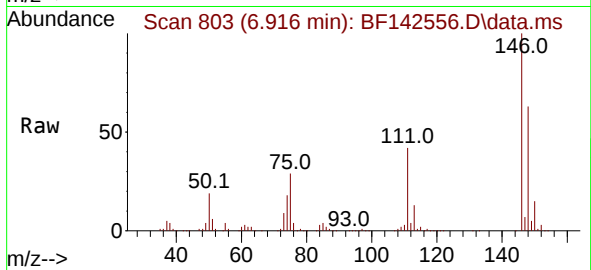




#13
1,4-Dichlorobenzene
Concen: 41.977 ng
RT: 6.916 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

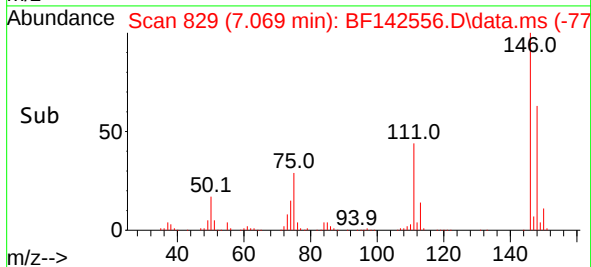
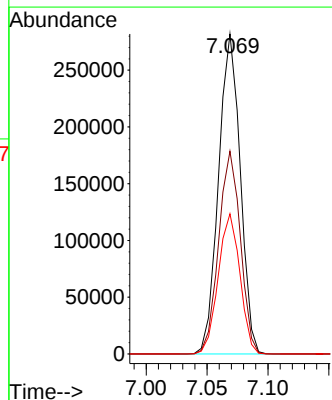
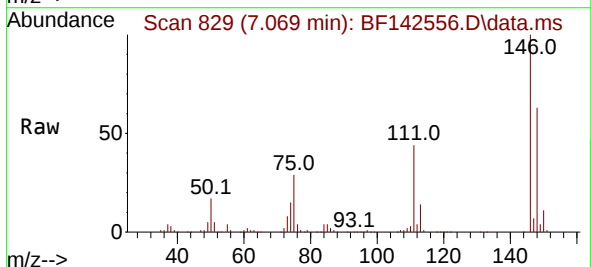
Instrument :
BNA_F
ClientSampleId :
PB168143BS

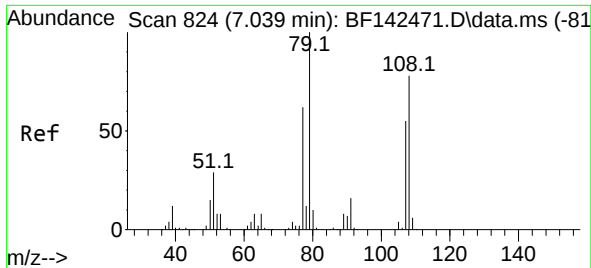
Tgt Ion:146 Resp: 366370
Ion Ratio Lower Upper
146 100
148 63.0 50.4 75.6
111 41.6 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 41.886 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:146 Resp: 349809
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.4
111 43.8 35.0 52.6

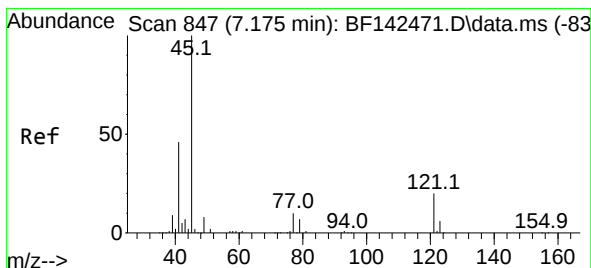
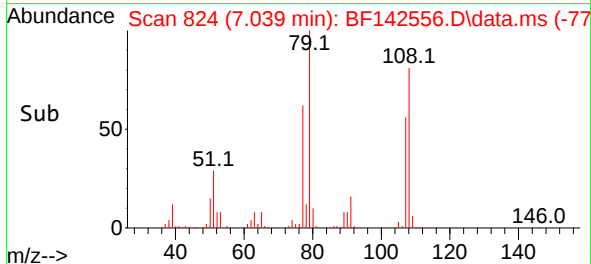
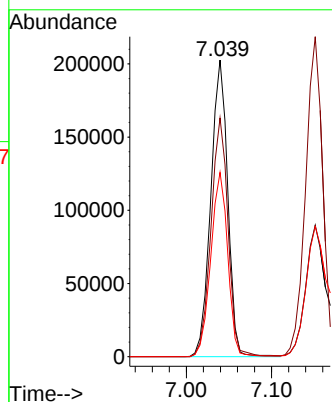
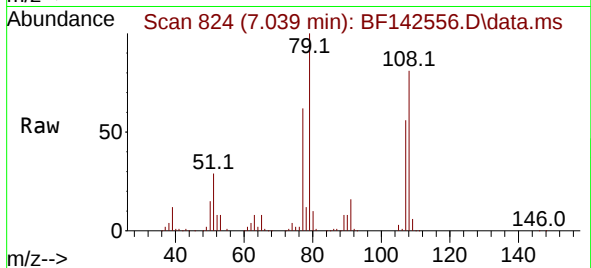




#15
Benzyl Alcohol
Concen: 44.273 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

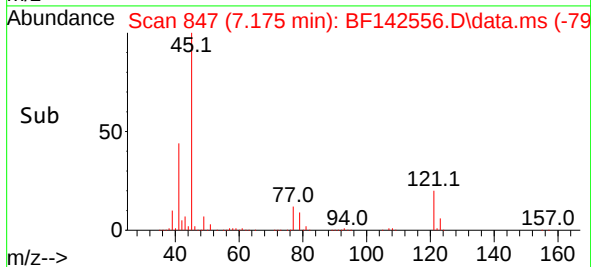
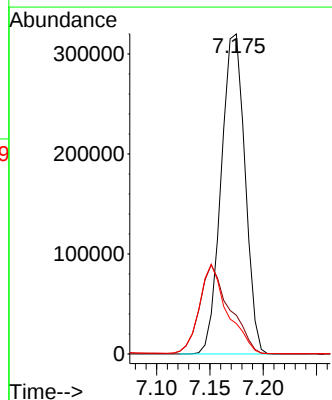
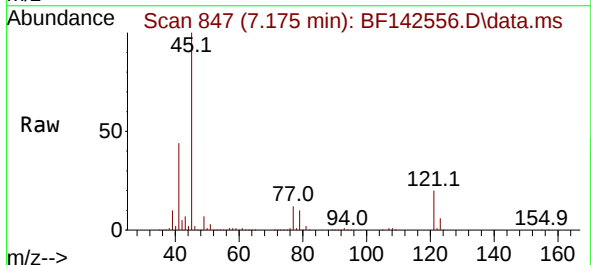
Instrument :
BNA_F
ClientSampleId :
PB168143BS

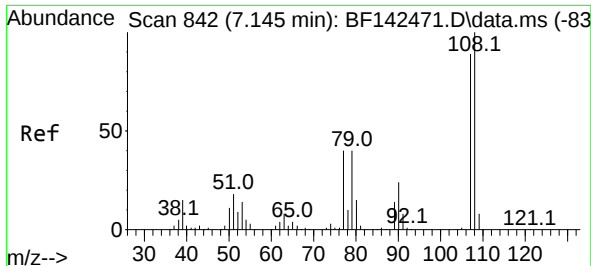
Tgt Ion: 79 Resp: 280767
Ion Ratio Lower Upper
79 100
108 80.5 62.1 93.1
77 62.1 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.617 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

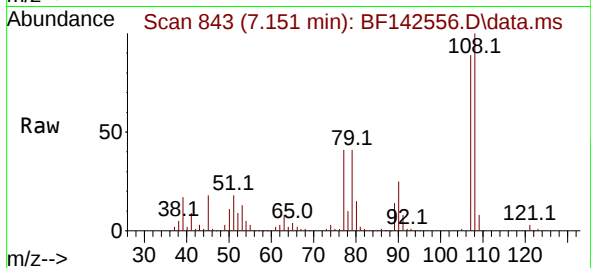
Tgt Ion: 45 Resp: 497464
Ion Ratio Lower Upper
45 100
77 12.1 0.0 32.0
79 9.5 0.0 29.2



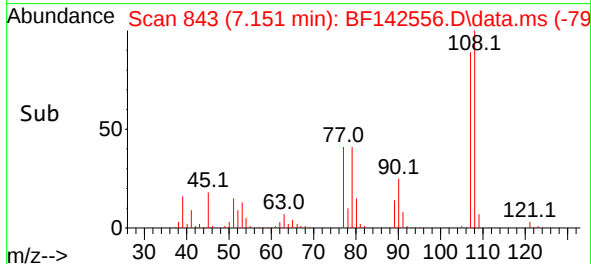
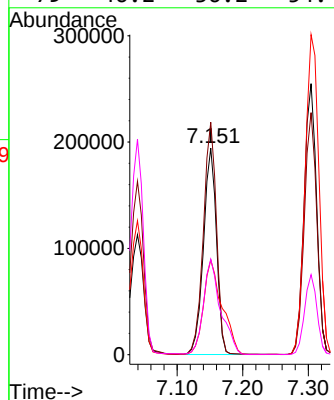


#17
2-Methylphenol
Concen: 44.348 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Instrument :
BNA_F
ClientSampleId :
PB168143BS

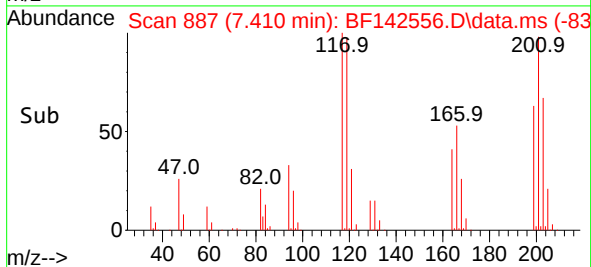
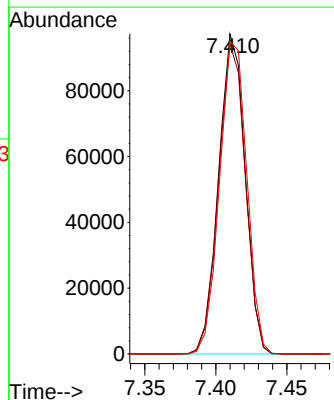
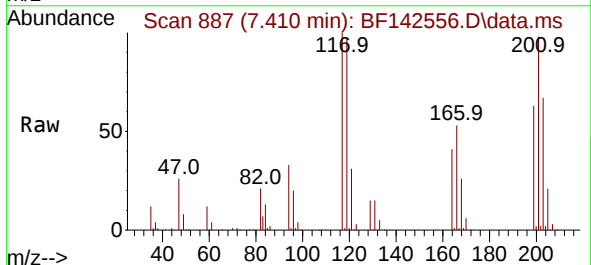


Tgt Ion:107 Resp: 268857
Ion Ratio Lower Upper
107 100
108 112.5 90.2 135.2
77 45.9 36.1 54.1
79 46.2 36.2 54.4



#18
Hexachloroethane
Concen: 41.553 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:117 Resp: 126639
Ion Ratio Lower Upper
117 100
119 97.0 76.6 114.8
201 97.7 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 41.984 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF142556.D

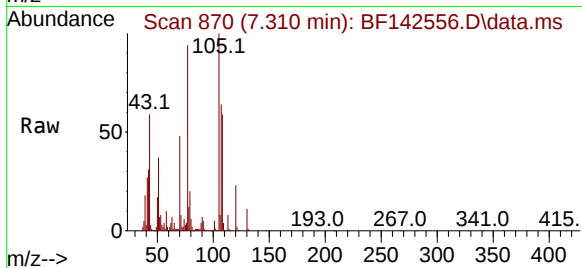
Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS



Tgt Ion: 70 Resp: 223290

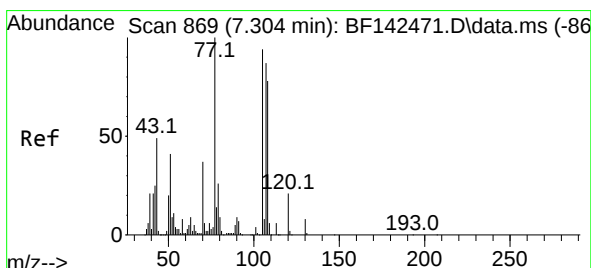
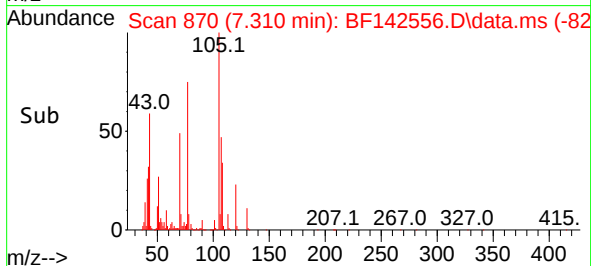
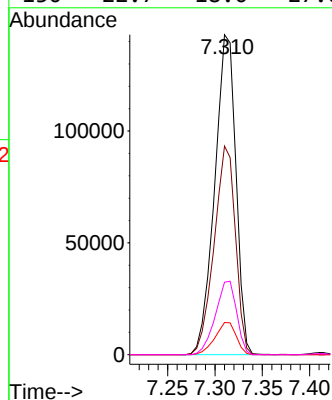
Ion Ratio Lower Upper

70 100

42 65.2 52.4 78.6

101 10.1 7.8 11.8

130 22.7 18.0 27.0



#20

3+4-Methylphenols

Concen: 43.470 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Tgt Ion: 107 Resp: 337484

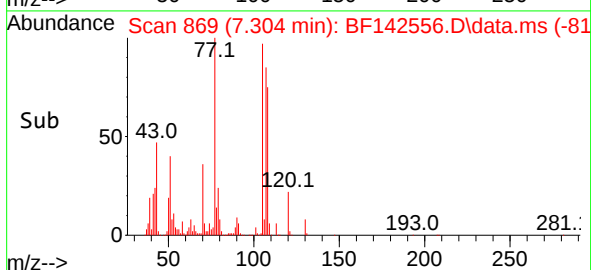
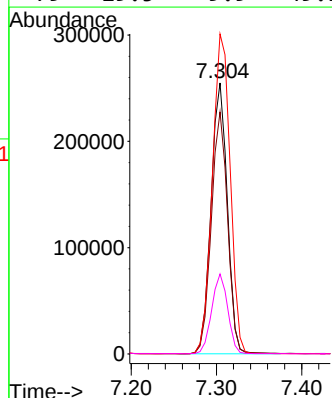
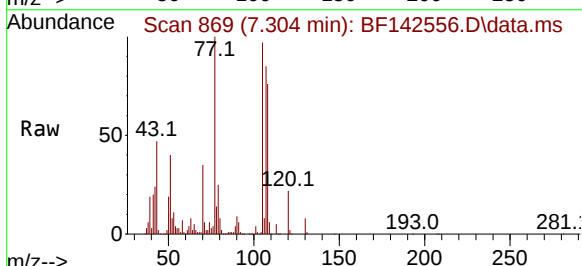
Ion Ratio Lower Upper

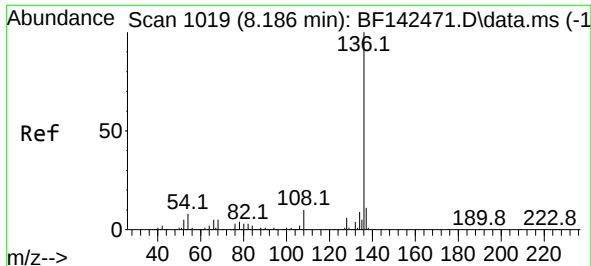
107 100

108 89.3 70.4 110.4

77 118.1 95.4 135.4

79 29.5 9.9 49.9

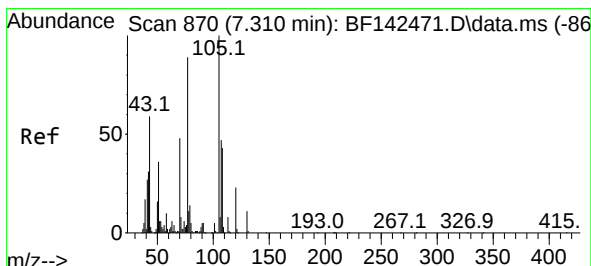
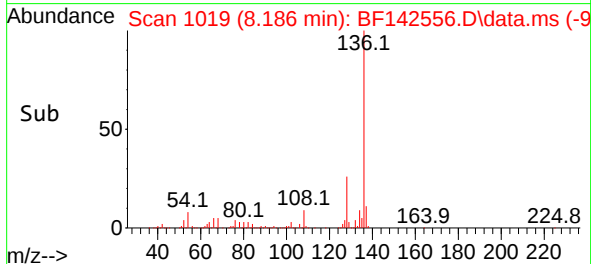
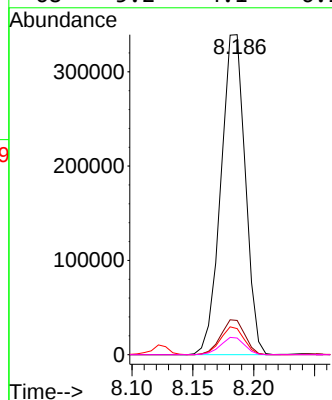
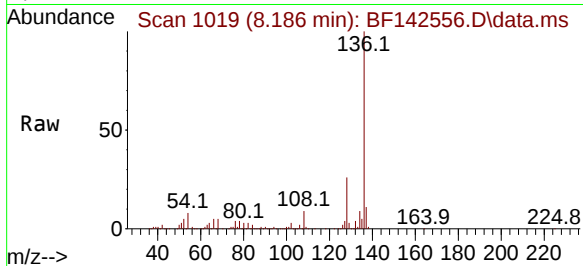




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

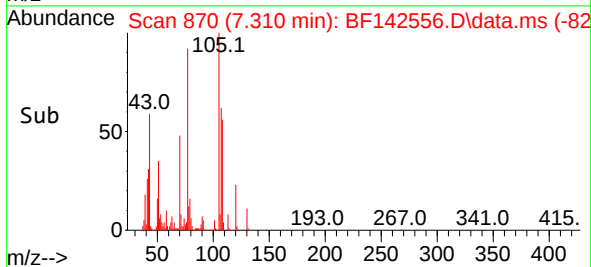
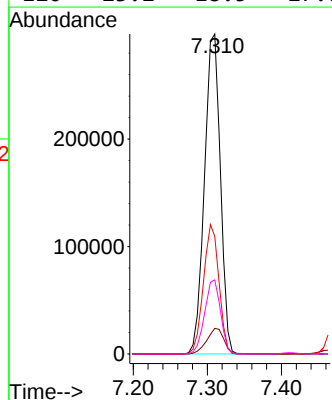
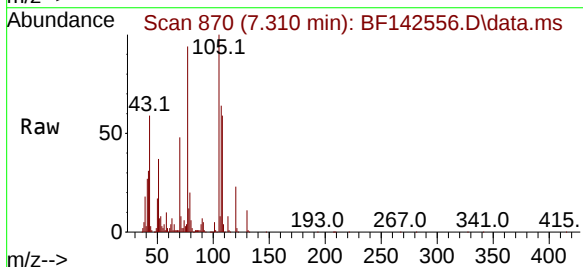
Instrument :
BNA_F
ClientSampleId :
PB168143BS

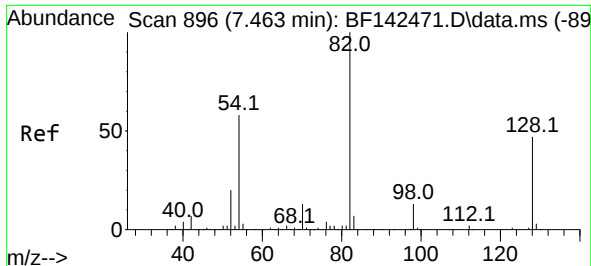
Tgt Ion:136 Resp: 472385
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.1 6.6 10.0
68 5.2 4.1 6.1



#22
Acetophenone
Concen: 42.453 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:105 Resp: 443941
Ion Ratio Lower Upper
105 100
71 8.0 6.4 9.6
51 36.8 28.6 42.8
120 23.2 18.5 27.7





#23

Nitrobenzene-d5

Concen: 75.508 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

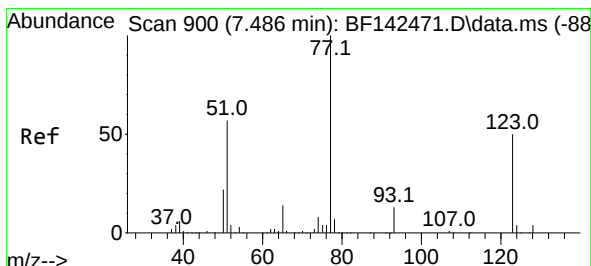
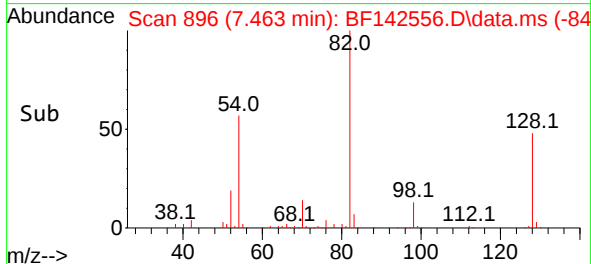
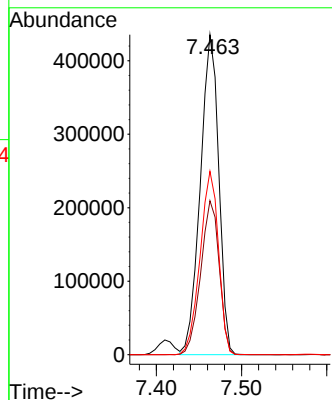
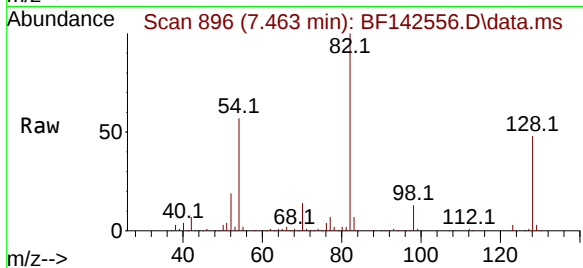
Tgt Ion: 82 Resp: 654131

Ion Ratio Lower Upper

82 100

128 48.1 37.4 56.2

54 57.3 46.6 70.0



#24

Nitrobenzene

Concen: 42.972 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

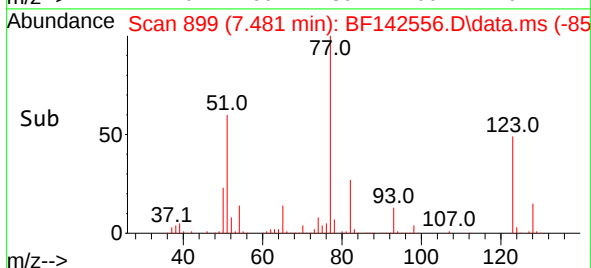
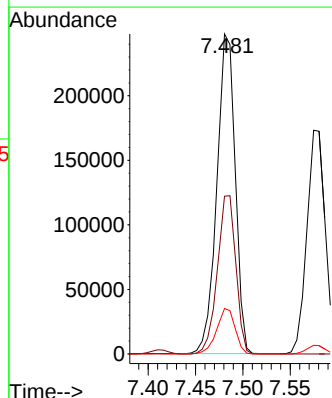
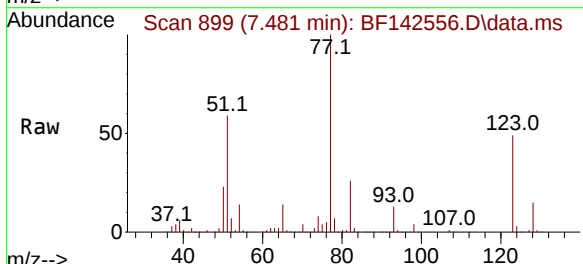
Tgt Ion: 77 Resp: 335756

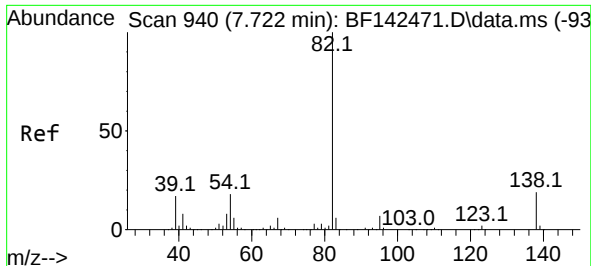
Ion Ratio Lower Upper

77 100

123 49.3 40.6 61.0

65 14.2 11.4 17.2

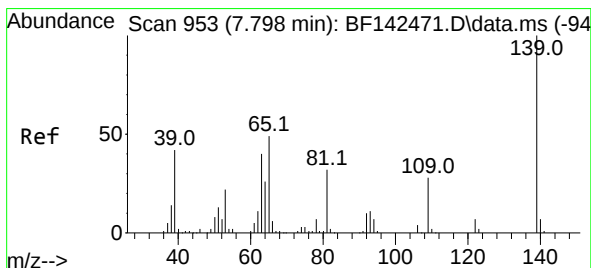
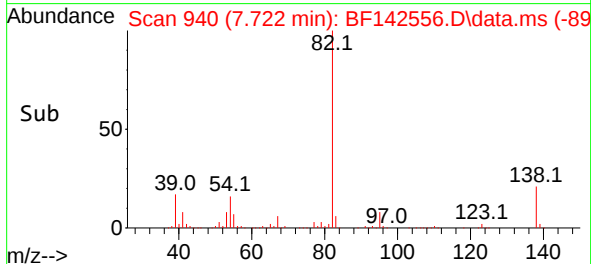
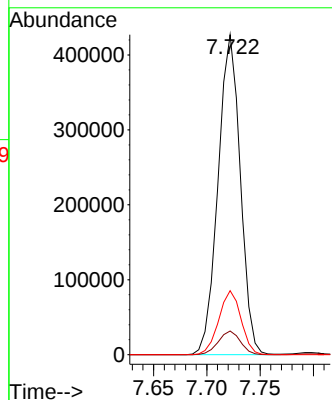
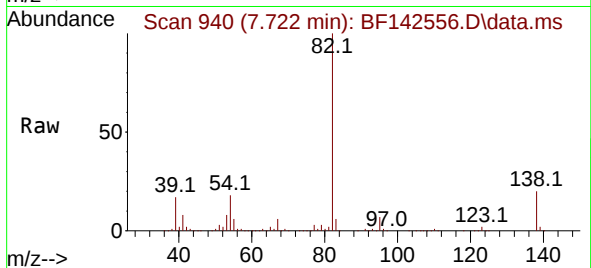




#25
Isophorone
Concen: 42.747 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

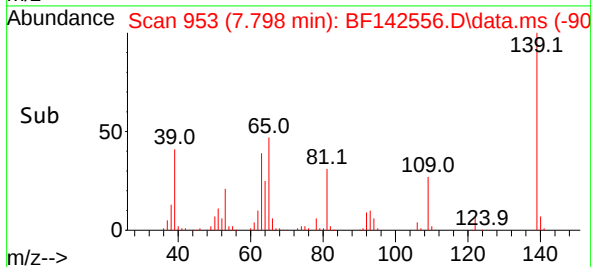
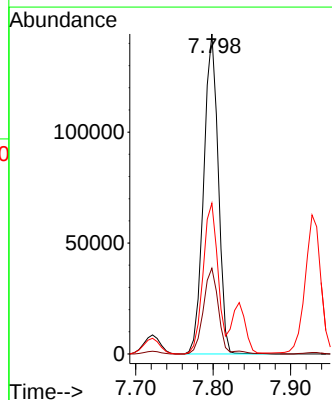
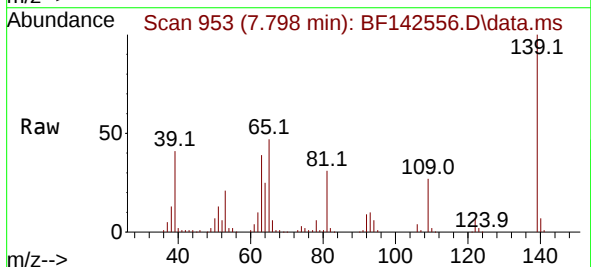
Instrument :
BNA_F
ClientSampleId :
PB168143BS

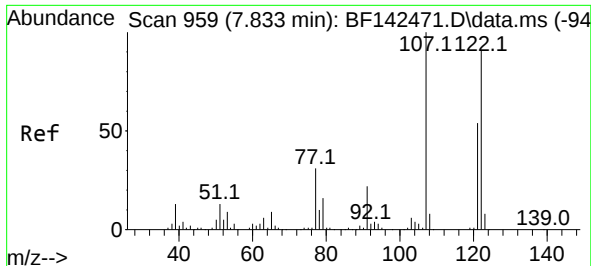
Tgt Ion: 82 Resp: 619154
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 20.0 15.5 23.3



#26
2-Nitrophenol
Concen: 45.068 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:139 Resp: 188155
Ion Ratio Lower Upper
139 100
109 26.8 22.6 33.8
65 47.1 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 44.280 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

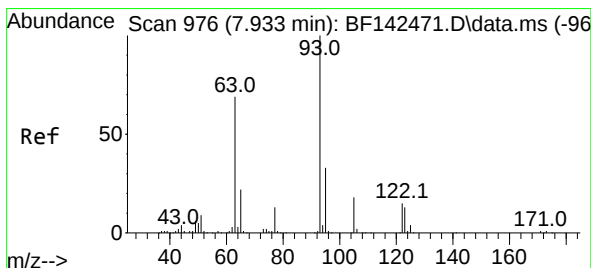
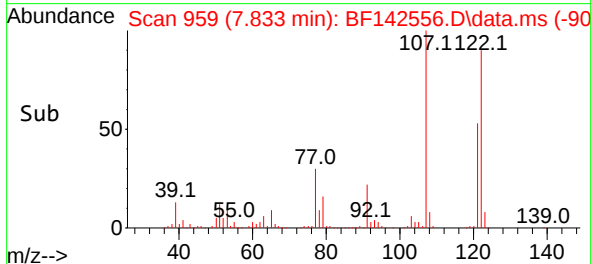
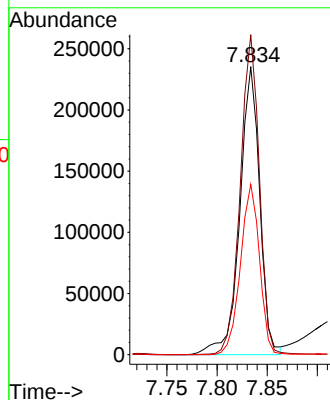
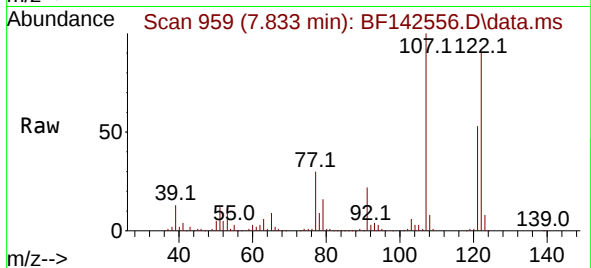
Tgt Ion:122 Resp: 326008

Ion Ratio Lower Upper

122 100

107 111.1 88.1 132.1

121 59.2 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 43.370 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

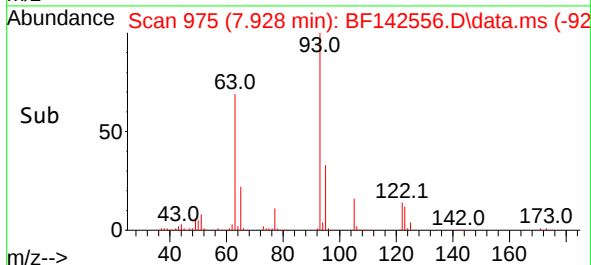
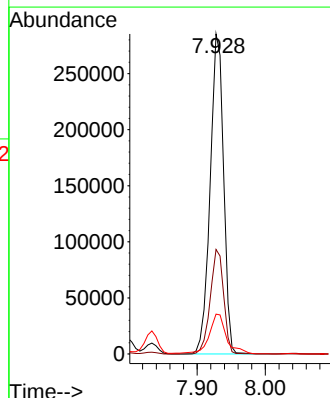
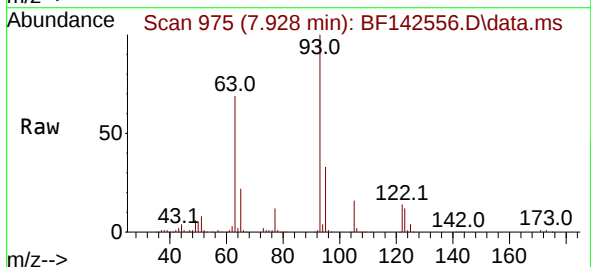
Tgt Ion: 93 Resp: 392401

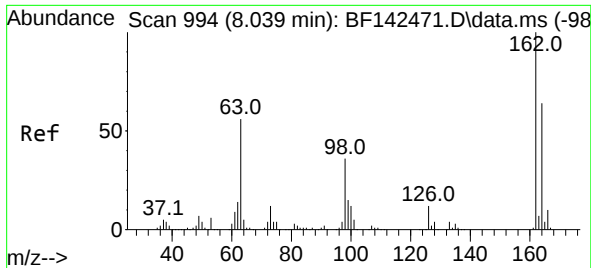
Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

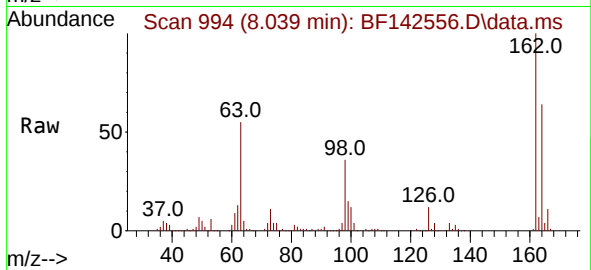
123 12.5 10.6 15.8



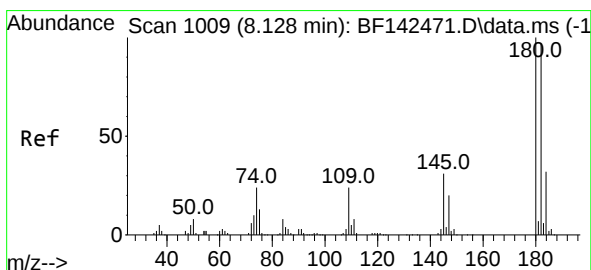
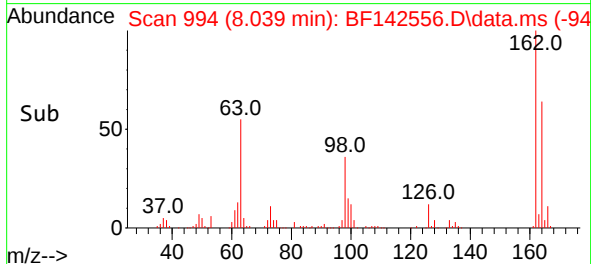
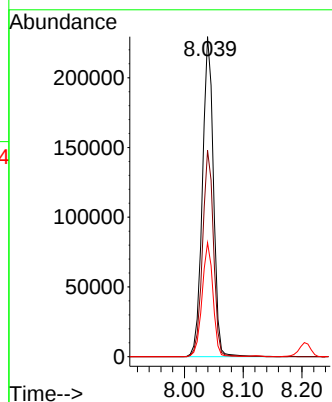


#29
2,4-Dichlorophenol
Concen: 44.730 ng
RT: 8.039 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

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BNA_F
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PB168143BS

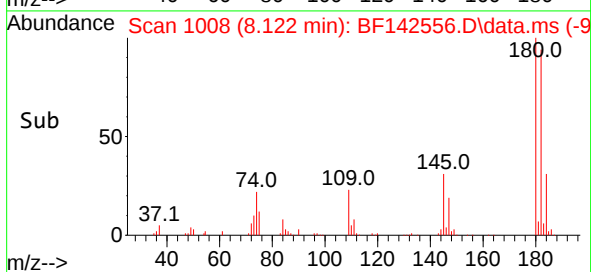
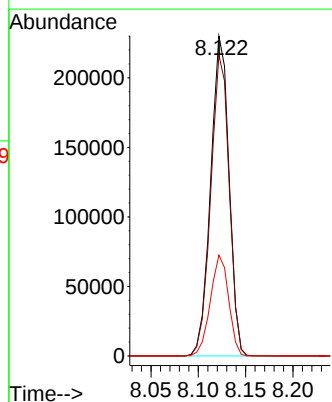
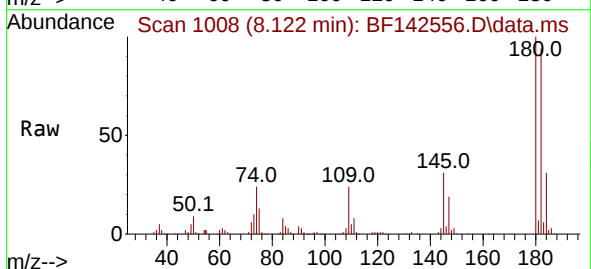


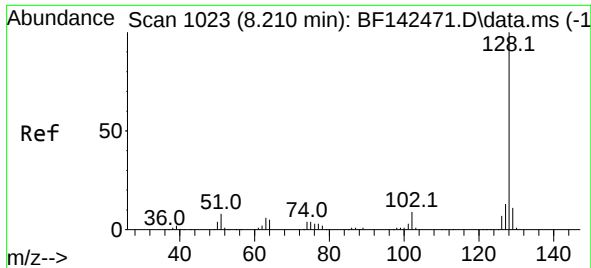
Tgt Ion:162 Resp: 299491
Ion Ratio Lower Upper
162 100
164 64.5 43.7 83.7
98 35.6 15.5 55.5



#30
1,2,4-Trichlorobenzene
Concen: 42.814 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:180 Resp: 311109
Ion Ratio Lower Upper
180 100
182 94.0 78.0 117.0
145 31.5 25.0 37.6

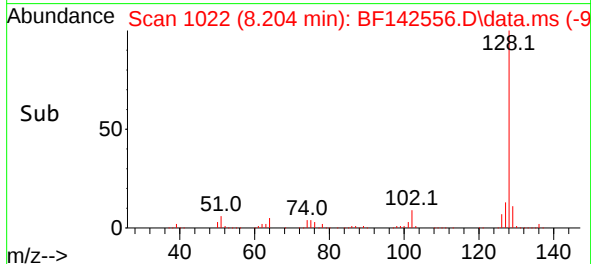
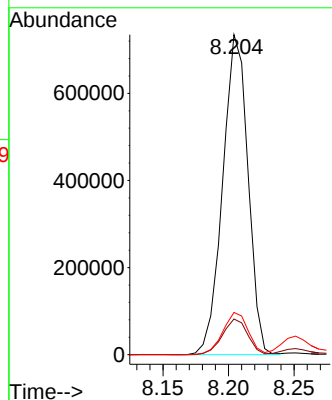
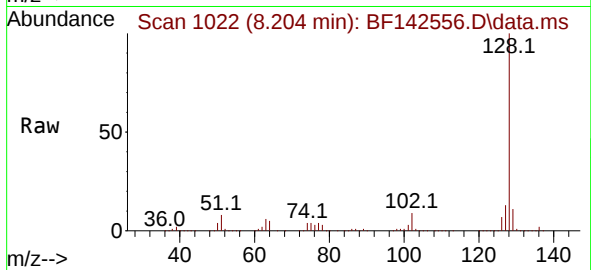




#31
Naphthalene
Concen: 42.367 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

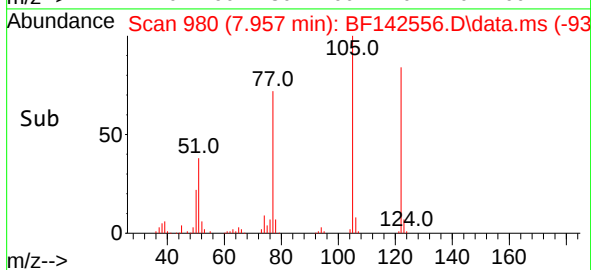
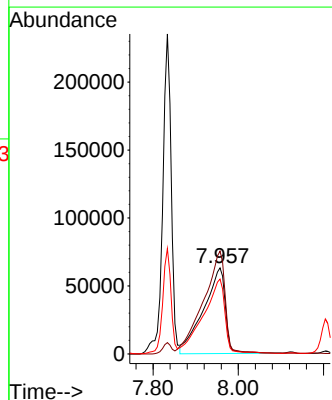
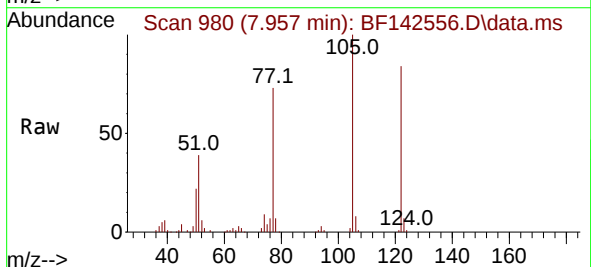
Instrument :
BNA_F
ClientSampleId :
PB168143BS

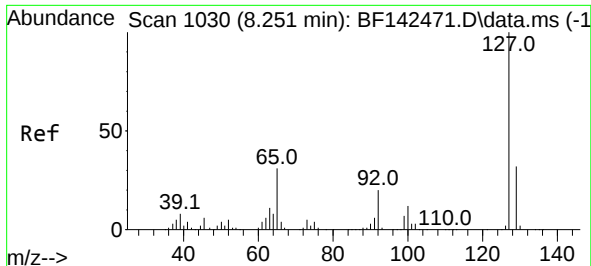
Tgt Ion:128 Resp: 985458
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 50.127 ng
RT: 7.957 min Scan# 980
Delta R.T. -0.018 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:122 Resp: 224657
Ion Ratio Lower Upper
122 100
105 119.6 101.7 141.7
77 87.0 69.5 109.5

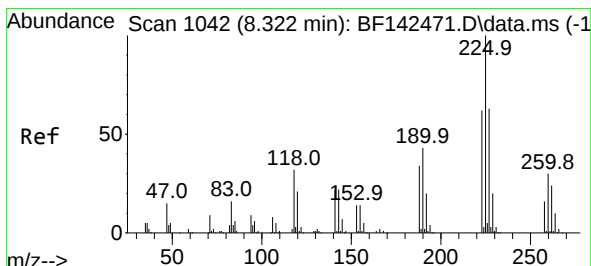
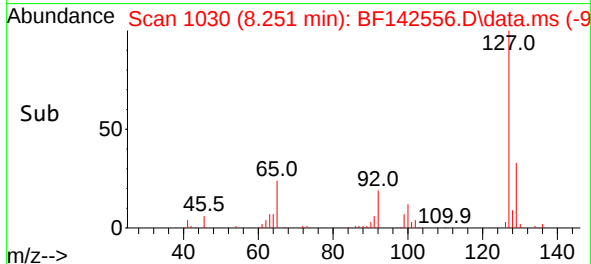
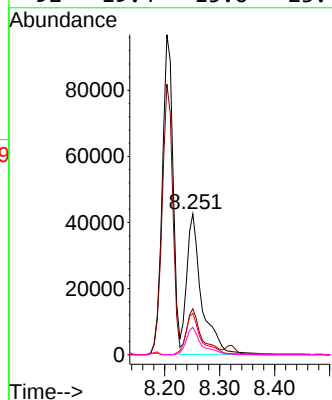
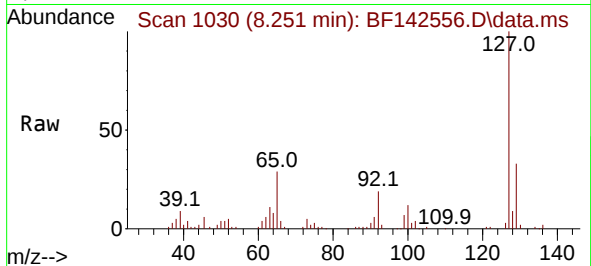




#33
4-Chloroaniline
Concen: 8.541 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

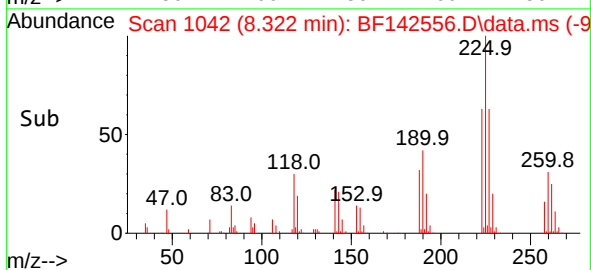
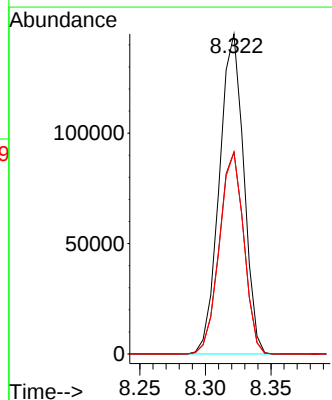
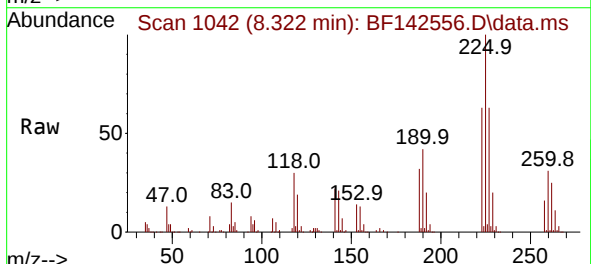
Instrument :
BNA_F
ClientSampleId :
PB168143BS

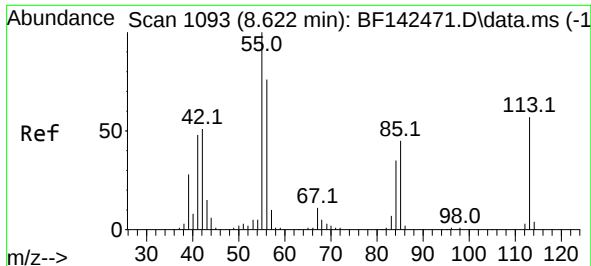
Tgt Ion:127	Resp:	80502
Ion	Ratio	Lower Upper
127	100	
129	32.6	26.1 39.1
65	29.4	24.9 37.3
92	19.4	15.6 23.4



#34
Hexachlorobutadiene
Concen: 41.299 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:225	Resp:	187381
Ion	Ratio	Lower Upper
225	100	
223	63.2	49.7 74.5
227	63.0	50.3 75.5

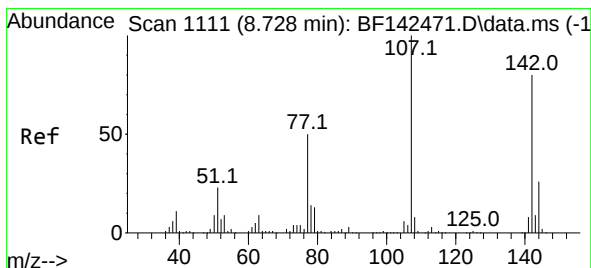
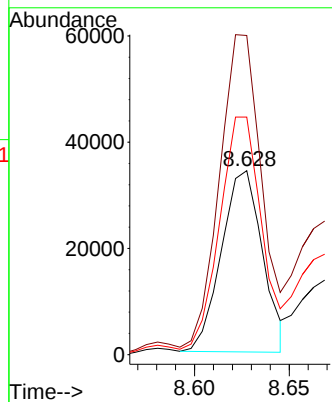
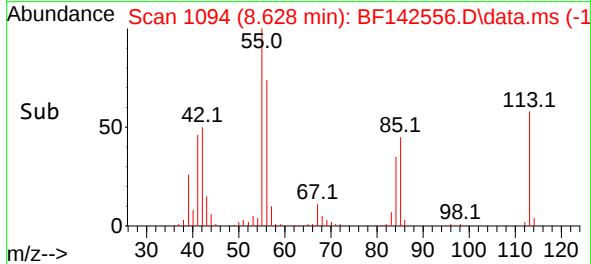
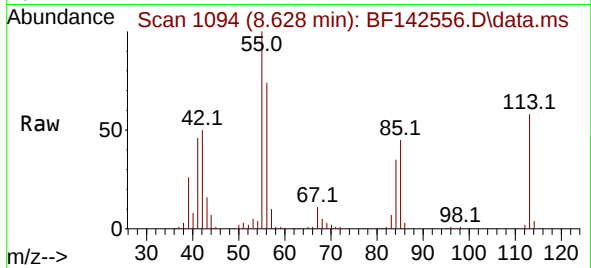




#35
Caprolactam
Concen: 27.395 ng
RT: 8.628 min Scan# 1109
Delta R.T. -0.018 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

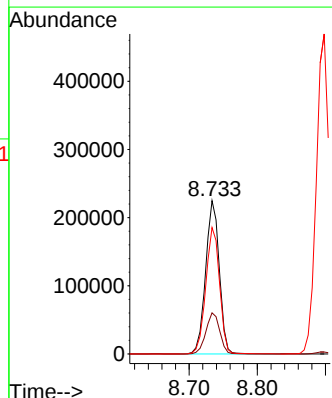
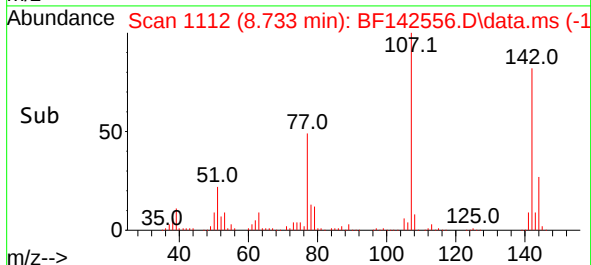
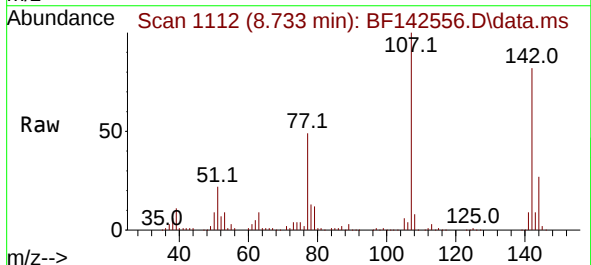
Instrument :
BNA_F
ClientSampleId :
PB168143BS

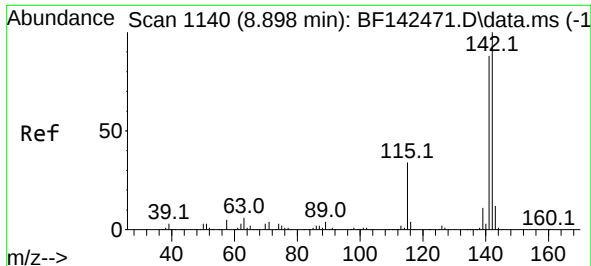
Tgt Ion:113 Resp: 51517
Ion Ratio Lower Upper
113 100
55 173.5 154.7 194.7
56 129.2 113.2 153.2



#36
4-Chloro-3-methylphenol
Concen: 45.731 ng
RT: 8.733 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:107 Resp: 313802
Ion Ratio Lower Upper
107 100
144 26.8 20.9 31.3
142 82.4 64.2 96.2

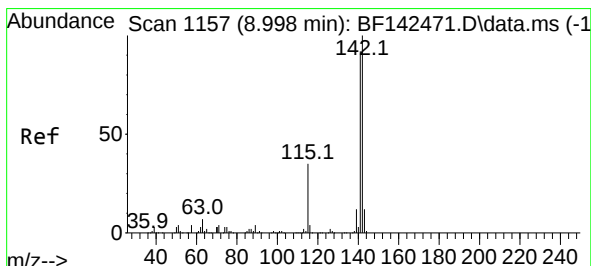
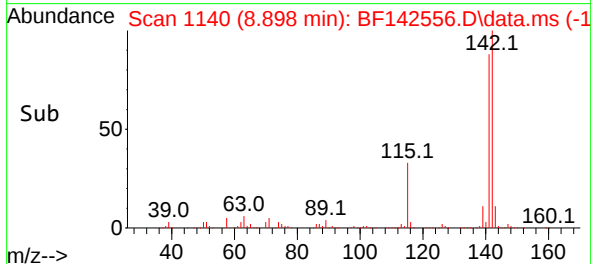
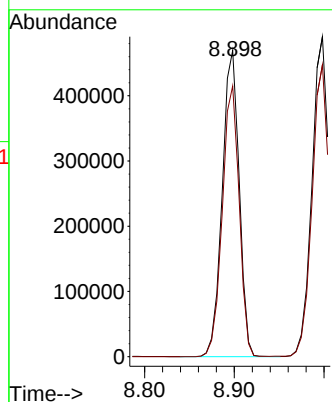
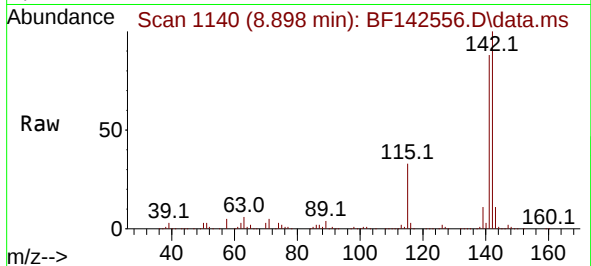




#37
2-Methylnaphthalene
Concen: 42.013 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

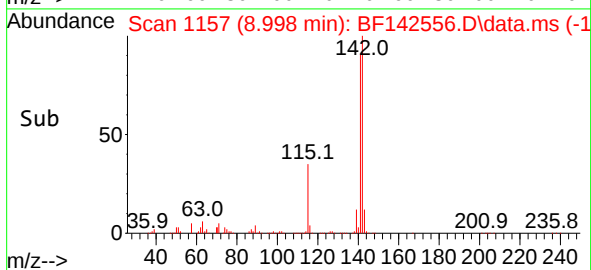
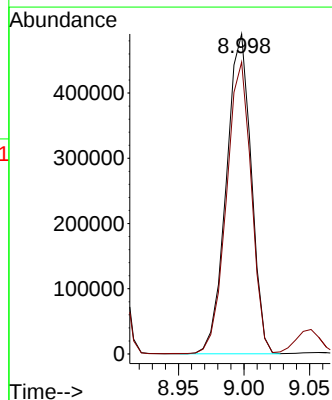
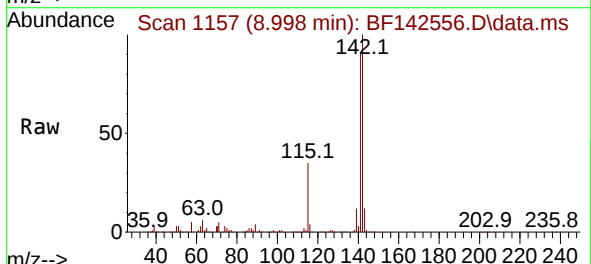
Instrument :
BNA_F
ClientSampleId :
PB168143BS

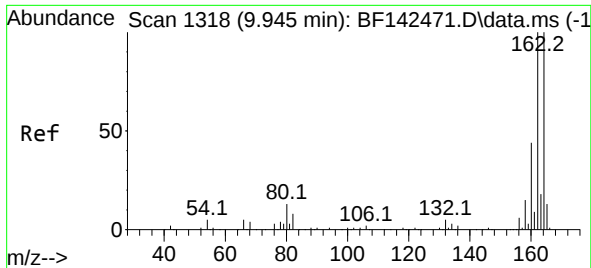
Tgt Ion:142 Resp: 614795
Ion Ratio Lower Upper
142 100
141 88.4 70.7 106.1



#38
1-Methylnaphthalene
Concen: 42.838 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:142 Resp: 648412
Ion Ratio Lower Upper
142 100
141 91.2 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: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

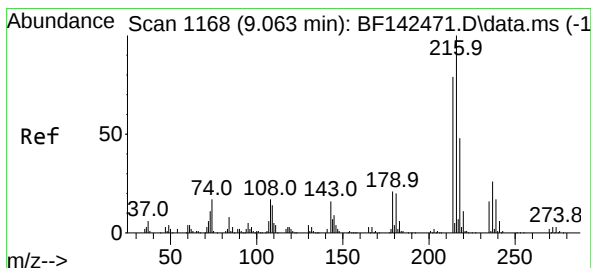
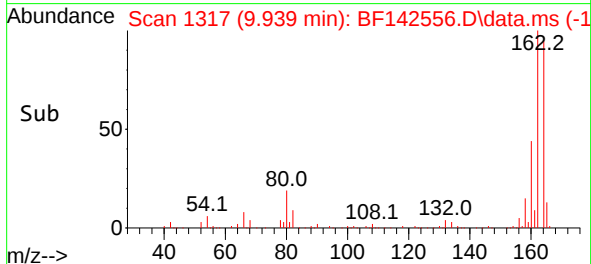
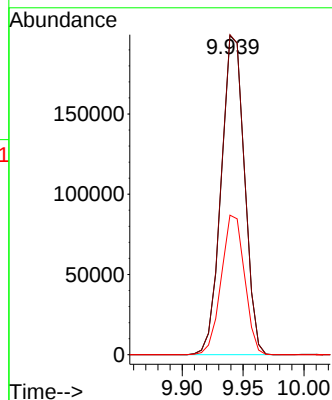
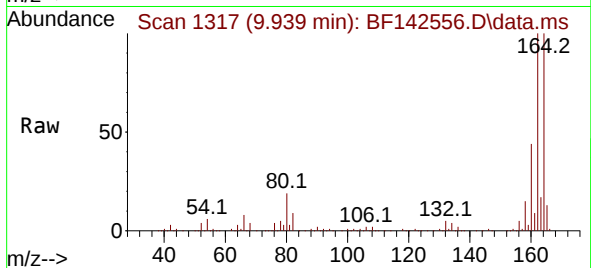
Tgt Ion:164 Resp: 264185

Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.4

160 43.7 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.637 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Tgt Ion:216 Resp: 315760

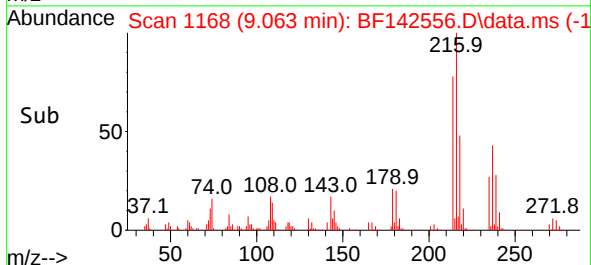
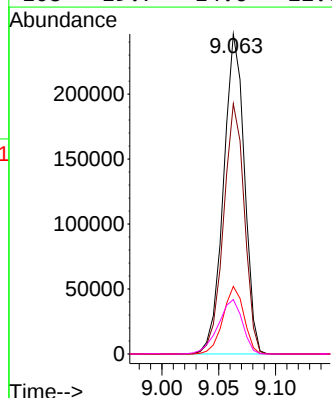
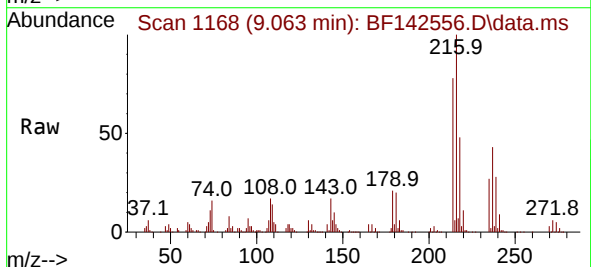
Ion Ratio Lower Upper

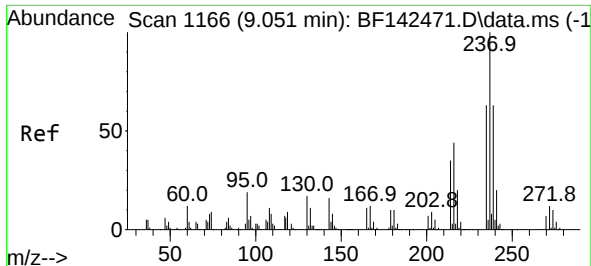
216 100

214 77.8 62.9 94.3

179 21.0 16.9 25.3

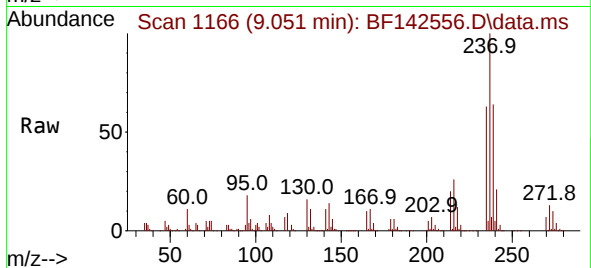
108 19.7 14.6 22.0



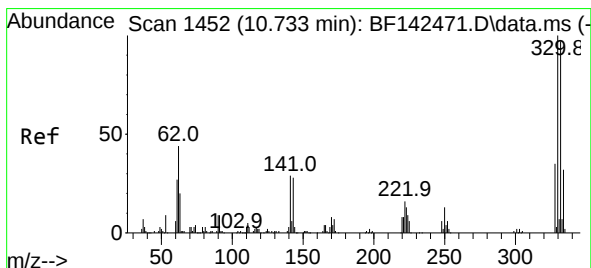
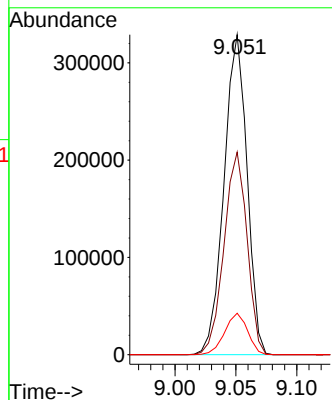
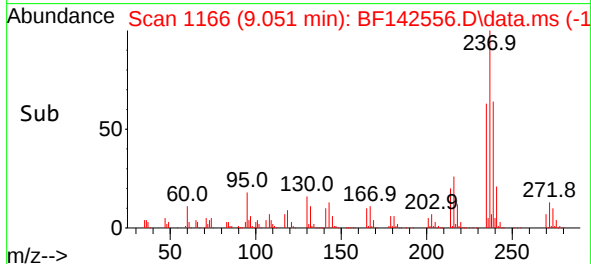


#41
Hexachlorocyclopentadiene
Concen: 84.697 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

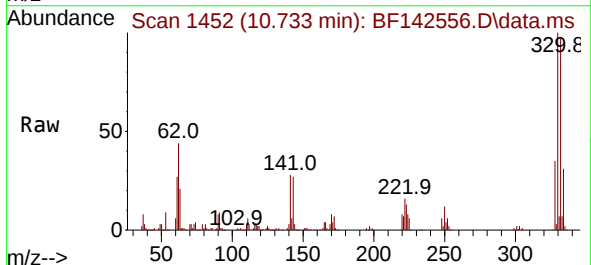
Instrument :
BNA_F
ClientSampleId :
PB168143BS



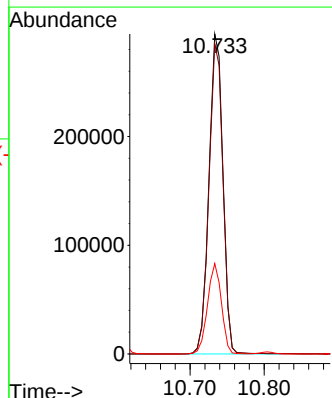
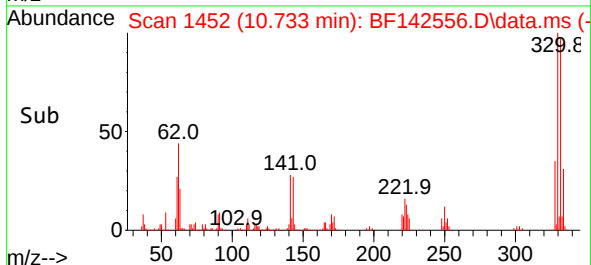
Tgt Ion:237 Resp: 433295
Ion Ratio Lower Upper
237 100
235 63.3 43.3 83.3
272 13.0 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 131.709 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11



Tgt Ion:330 Resp: 386188
Ion Ratio Lower Upper
330 100
332 97.1 77.6 116.4
141 28.1 24.6 36.8

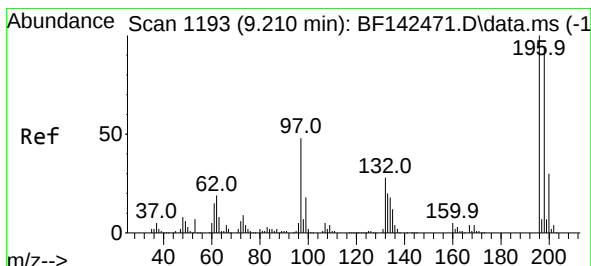
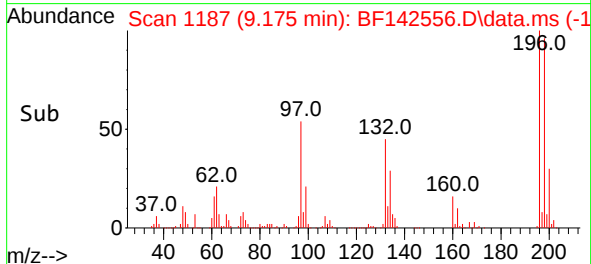
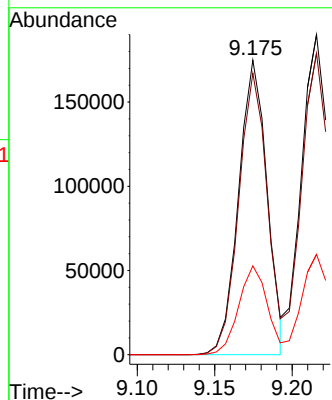
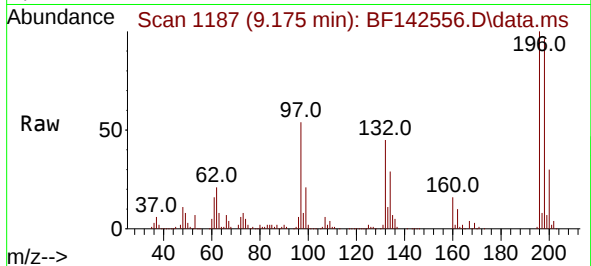




#43
2,4,6-Trichlorophenol
Concen: 43.698 ng
RT: 9.175 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

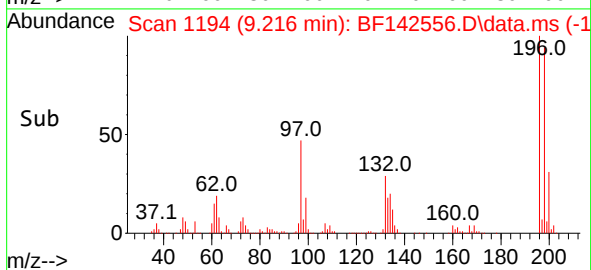
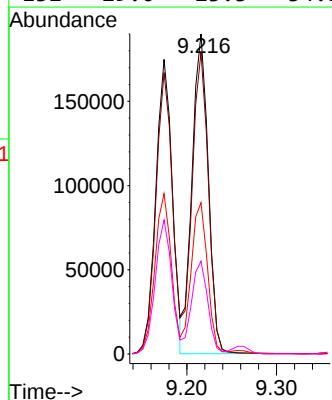
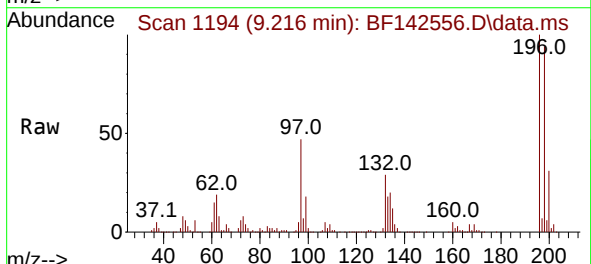
Instrument :
BNA_F
ClientSampleId :
PB168143BS

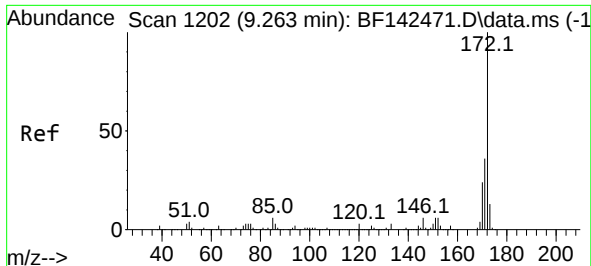
Tgt Ion:196 Resp: 223459
Ion Ratio Lower Upper
196 100
198 95.6 78.8 118.2
200 30.2 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 44.347 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:196 Resp: 239172
Ion Ratio Lower Upper
196 100
198 94.2 75.5 113.3
97 47.3 39.3 58.9
132 29.0 23.3 34.9

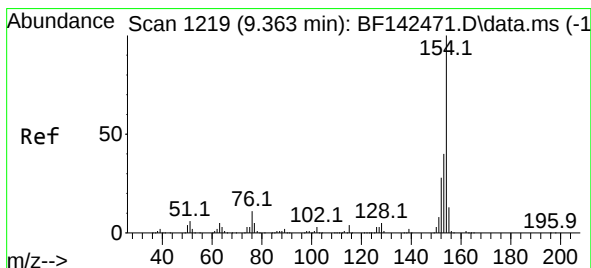
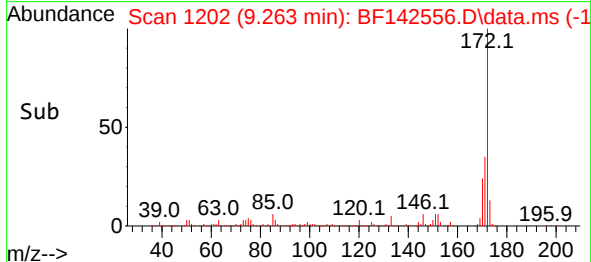
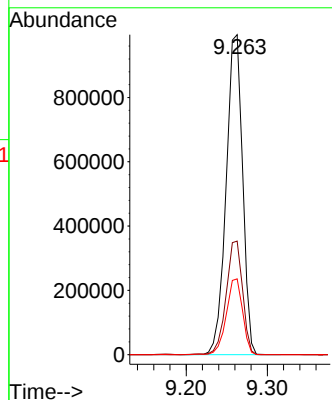
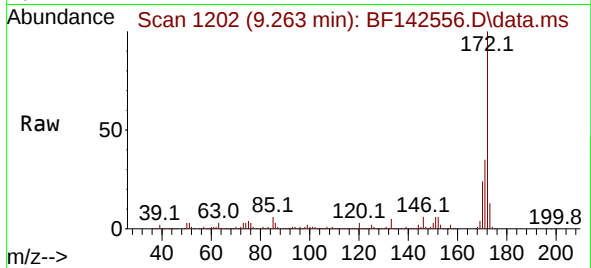




#45
2-Fluorobiphenyl
Concen: 71.314 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

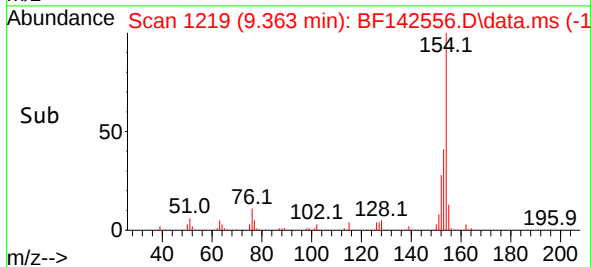
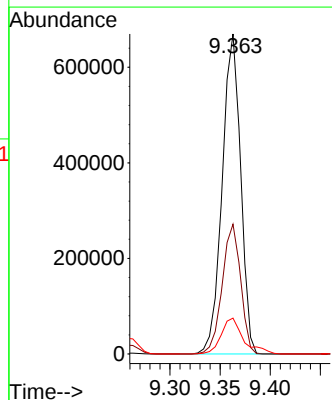
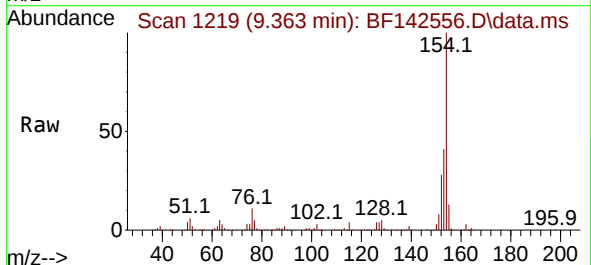
Instrument :
BNA_F
ClientSampleId :
PB168143BS

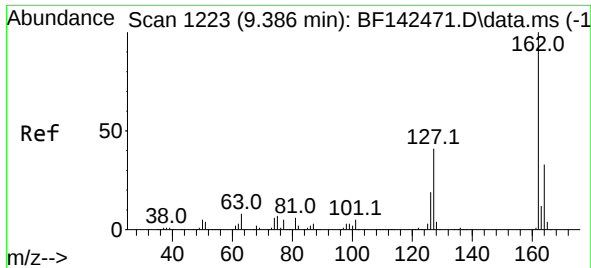
Tgt Ion:172 Resp: 1404017
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.7 18.9 28.3



#46
1,1'-Biphenyl
Concen: 41.737 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

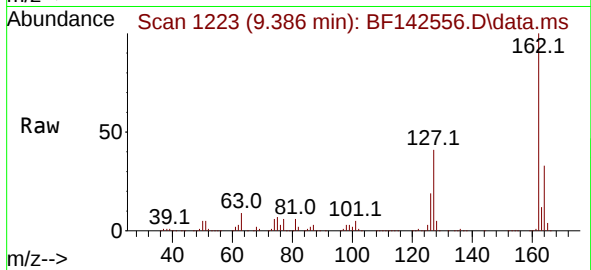
Tgt Ion:154 Resp: 855433
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 11.2 0.0 30.8



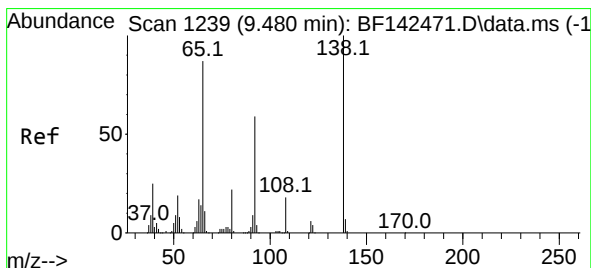
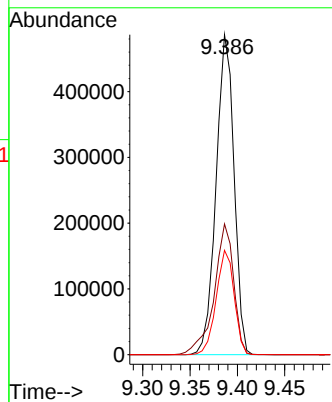
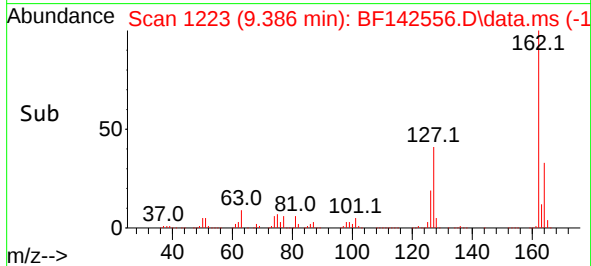


#47
2-Chloronaphthalene
Concen: 42.394 ng
RT: 9.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Instrument :
BNA_F
ClientSampleId :
PB168143BS

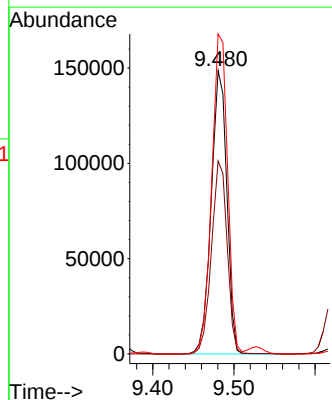
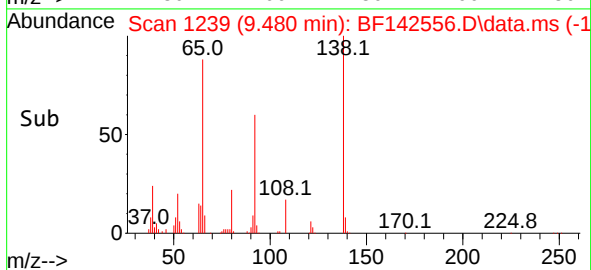
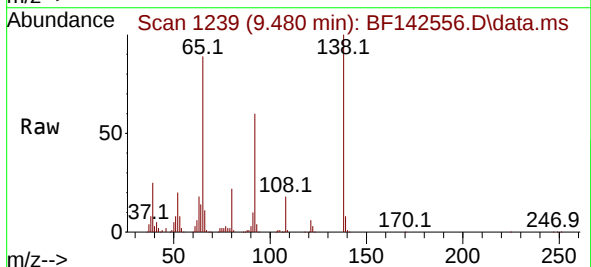


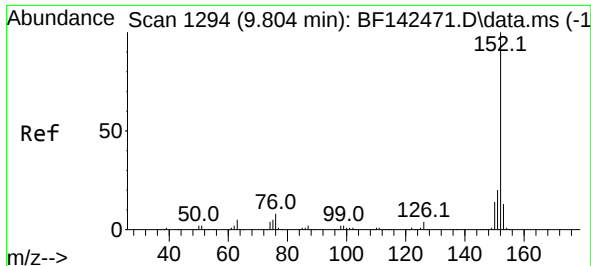
Tgt Ion:162 Resp: 641978
Ion Ratio Lower Upper
162 100
127 40.9 33.5 50.3
164 32.6 26.1 39.1



#48
2-Nitroaniline
Concen: 45.503 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

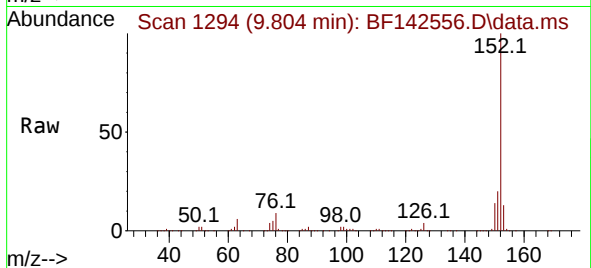
Tgt Ion: 65 Resp: 199170
Ion Ratio Lower Upper
65 100
92 68.1 54.4 81.6
138 112.9 91.4 137.2



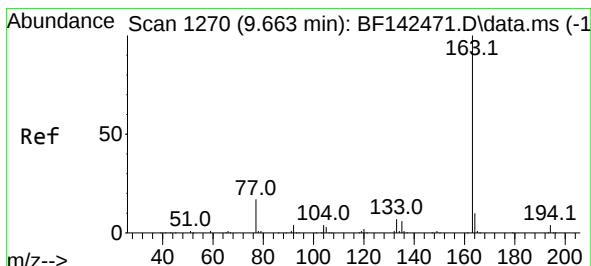
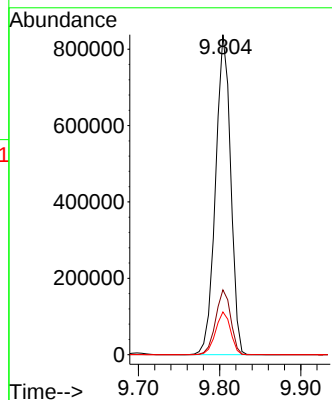
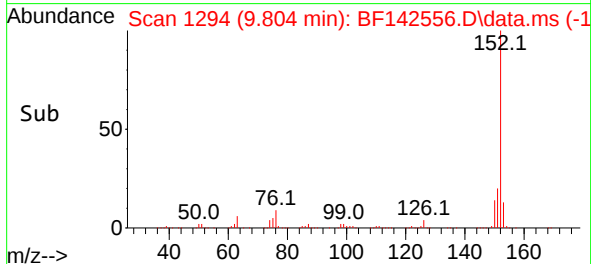


#49
Acenaphthylene
Concen: 42.433 ng
RT: 9.804 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

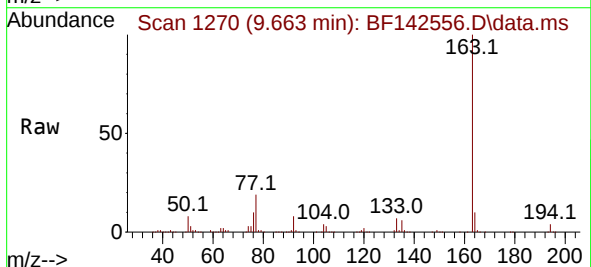
Instrument :
BNA_F
ClientSampleId :
PB168143BS



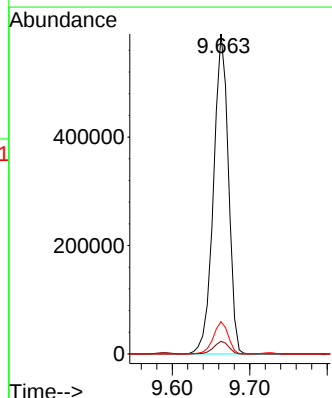
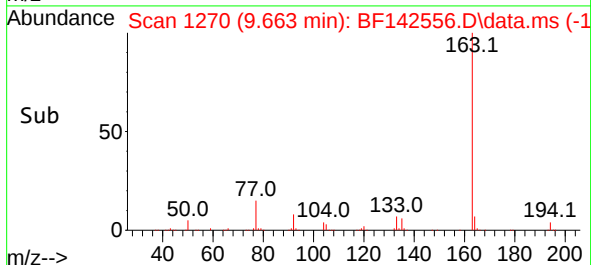
Tgt Ion:152 Resp: 1085030
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.4 10.6 15.8

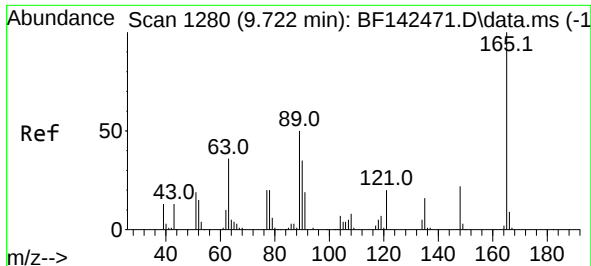


#50
Dimethylphthalate
Concen: 45.233 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11



Tgt Ion:163 Resp: 788495
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.1 8.2 12.4

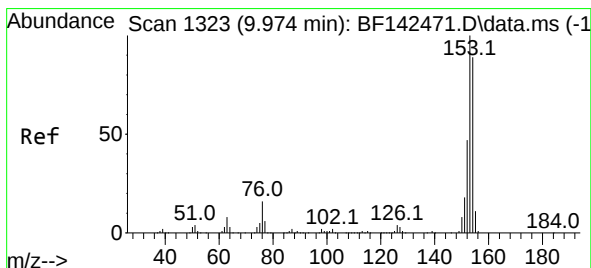
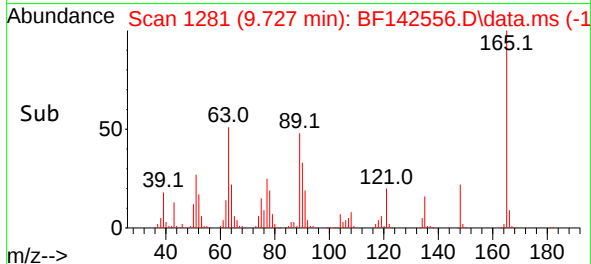
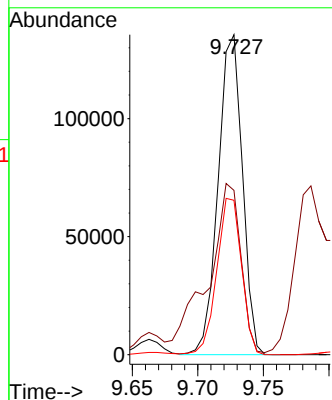
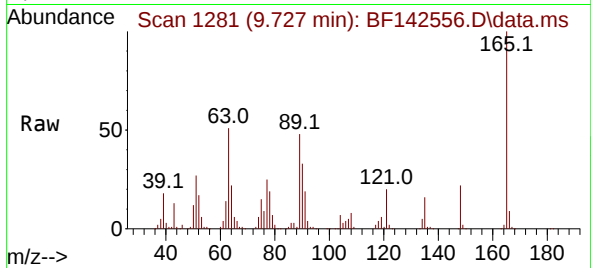




#51
2,6-Dinitrotoluene
Concen: 46.337 ng
RT: 9.727 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

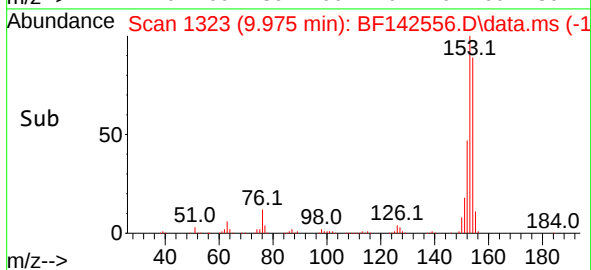
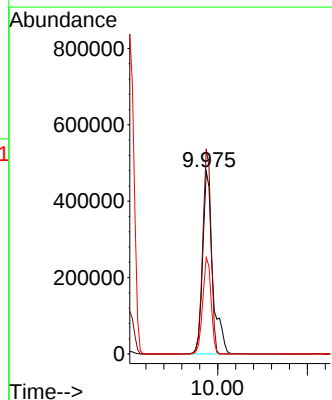
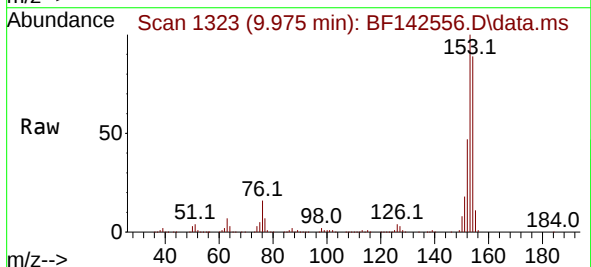
Instrument :
BNA_F
ClientSampleId :
PB168143BS

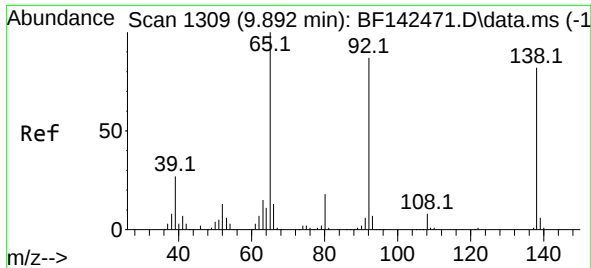
Tgt Ion:165 Resp: 174336
Ion Ratio Lower Upper
165 100
63 51.4 42.9 64.3
89 48.3 40.2 60.4



#52
Acenaphthene
Concen: 47.433 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:154 Resp: 740615
Ion Ratio Lower Upper
154 100
153 112.4 90.0 135.0
152 52.8 42.6 64.0

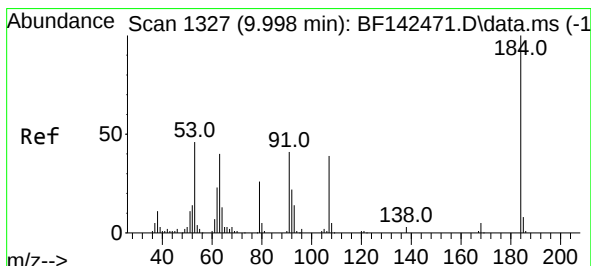
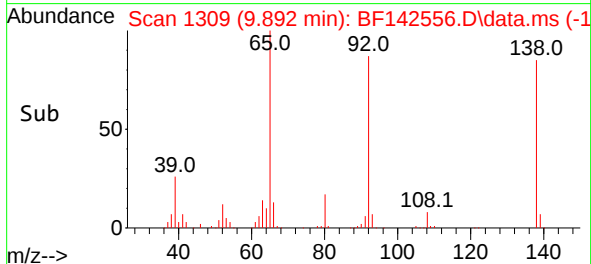
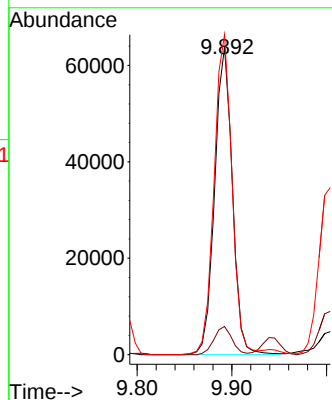
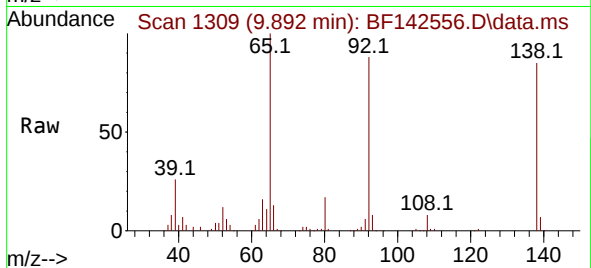




#53
3-Nitroaniline
Concen: 20.180 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

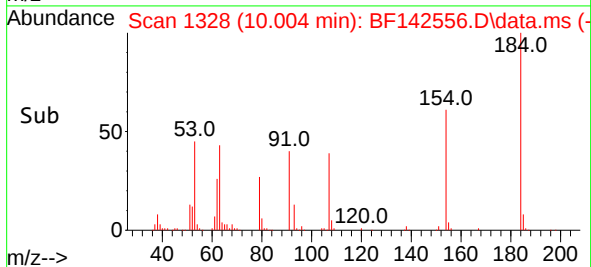
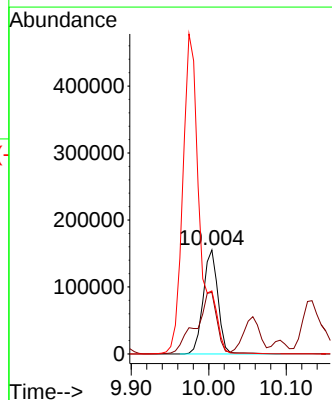
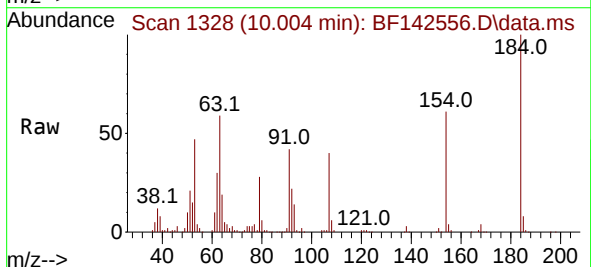
Instrument :
BNA_F
ClientSampleId :
PB168143BS

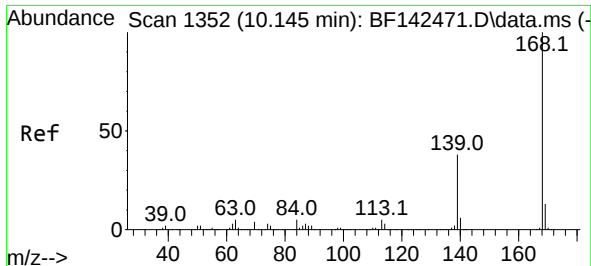
Tgt Ion:138 Resp: 82927
Ion Ratio Lower Upper
138 100
108 9.1 8.1 12.1
92 104.0 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 106.250 ng
RT: 10.004 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:184 Resp: 206525
Ion Ratio Lower Upper
184 100
63 59.2 46.3 69.5
154 60.6 56.8 85.2

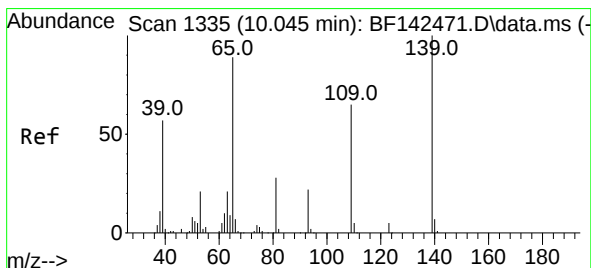
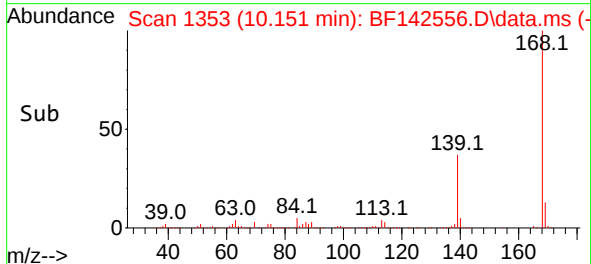
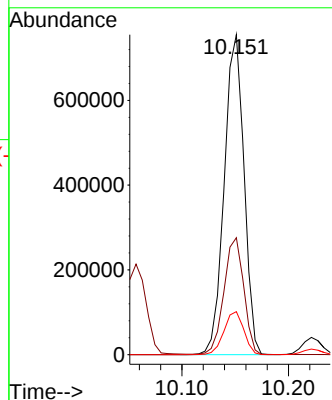
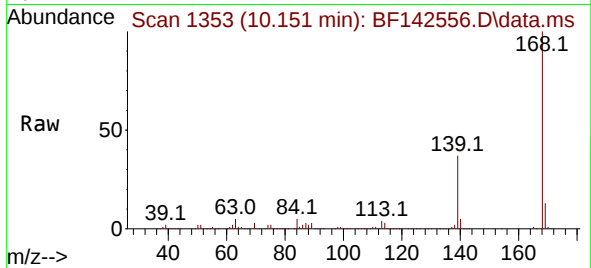




#55
Dibenzofuran
Concen: 43.156 ng
RT: 10.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

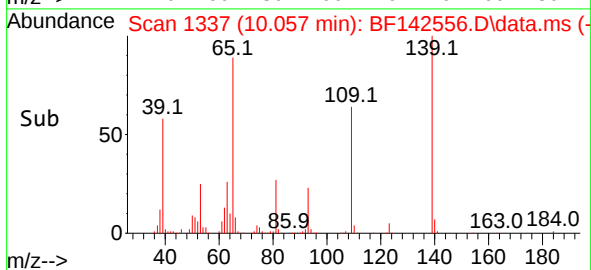
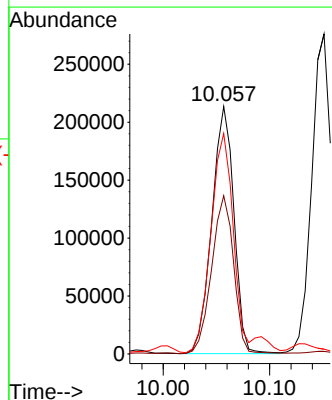
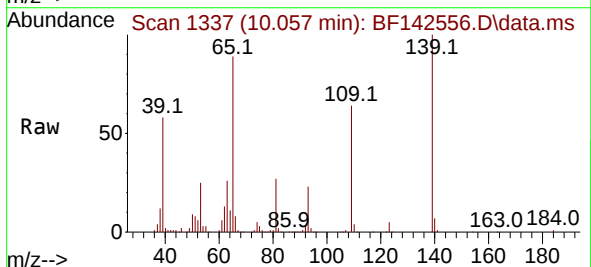
Instrument :
BNA_F
ClientSampleId :
PB168143BS

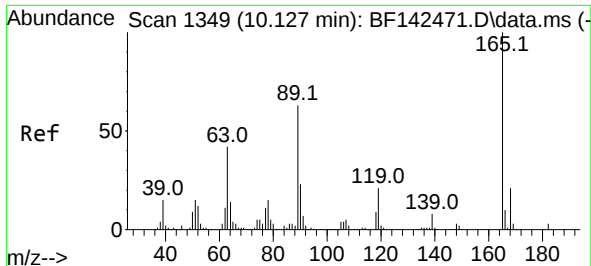
Tgt Ion:168 Resp: 969659
Ion Ratio Lower Upper
168 100
139 36.6 30.2 45.2
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 101.222 ng
RT: 10.057 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:139 Resp: 306914
Ion Ratio Lower Upper
139 100
109 63.9 45.1 85.1
65 89.1 69.7 109.7

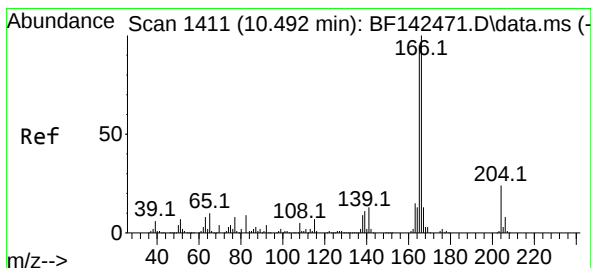
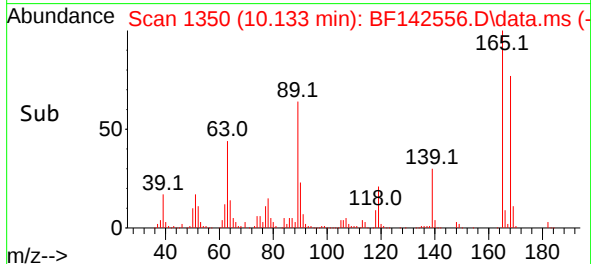
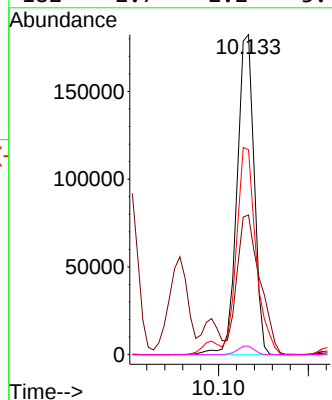
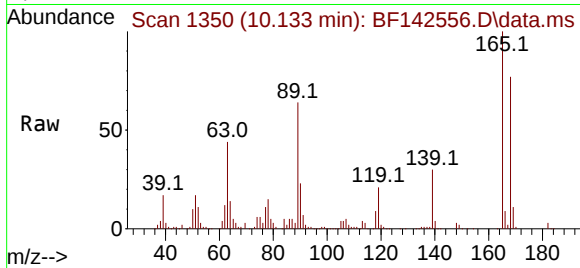




#57
2,4-Dinitrotoluene
Concen: 49.261 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

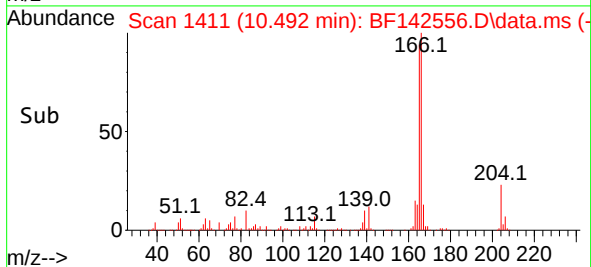
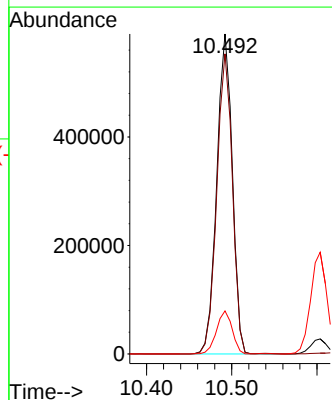
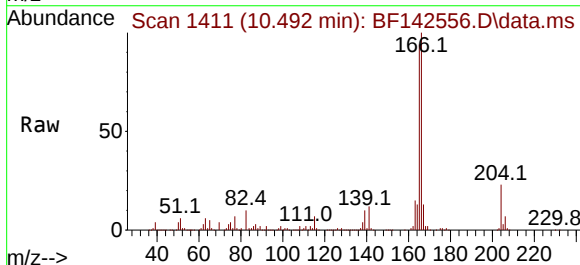
Instrument :
BNA_F
ClientSampleId :
PB168143BS

Tgt Ion:165 Resp: 242041
Ion Ratio Lower Upper
165 100
63 43.7 33.6 50.4
89 64.0 50.2 75.4
182 2.7 2.2 3.4



#58
Fluorene
Concen: 43.138 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:166 Resp: 748792
Ion Ratio Lower Upper
166 100
165 93.8 75.8 113.8
167 13.5 10.6 16.0

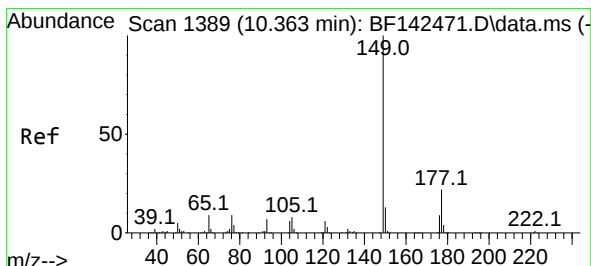
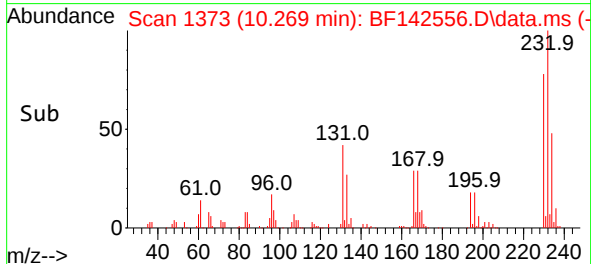
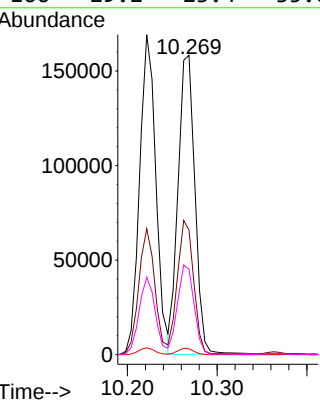
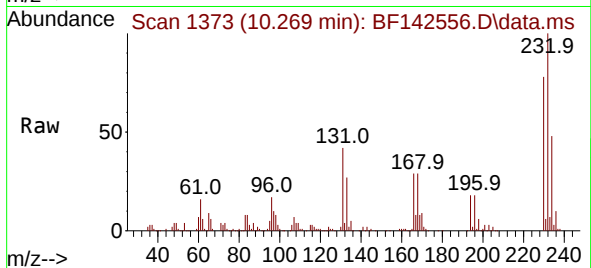




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.851 ng
RT: 10.269 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

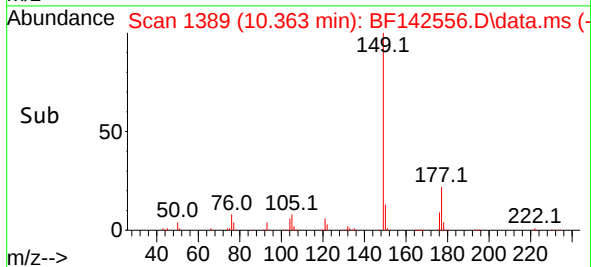
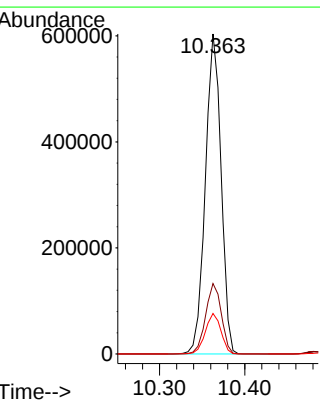
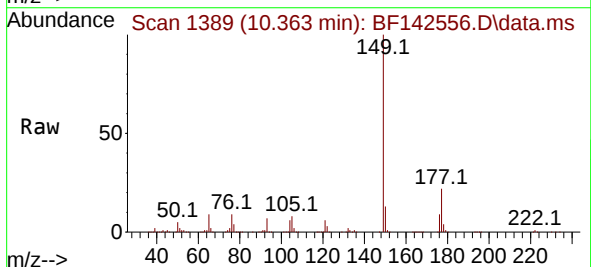
Instrument :
BNA_F
ClientSampleId :
PB168143BS

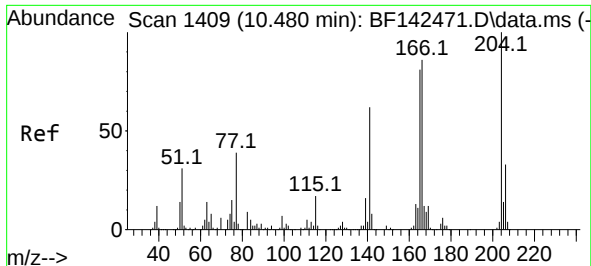
Tgt Ion:232 Resp: 206439
Ion Ratio Lower Upper
232 100
131 43.7 35.2 52.8
130 2.1 1.7 2.5
166 29.2 23.4 35.0



#60
Diethylphthalate
Concen: 45.480 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:149 Resp: 774294
Ion Ratio Lower Upper
149 100
177 22.0 17.6 26.4
150 12.6 10.1 15.1

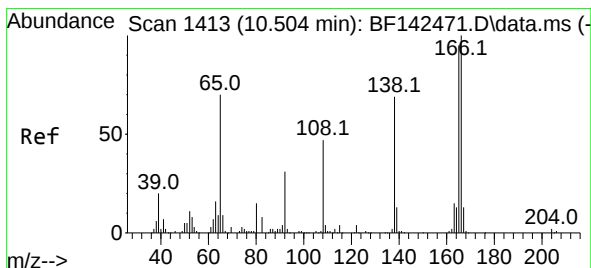
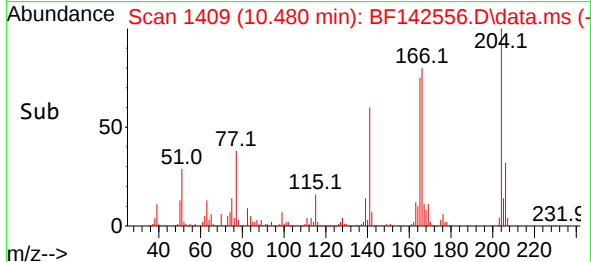
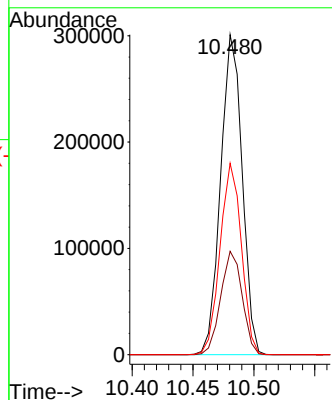
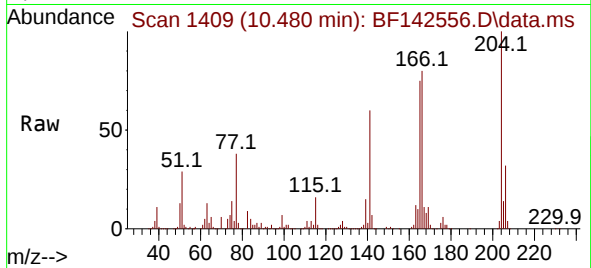




#61
4-Chlorophenyl-phenylether
Concen: 43.515 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

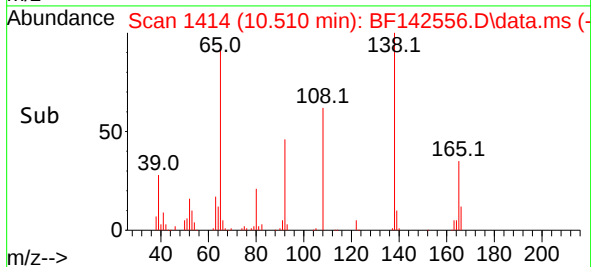
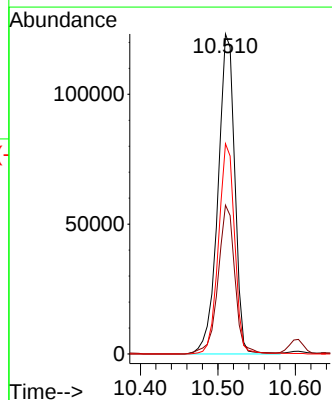
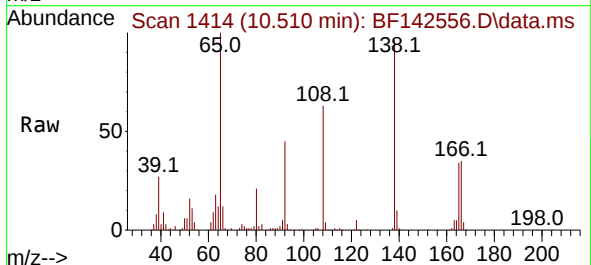
Instrument :
BNA_F
ClientSampleId :
PB168143BS

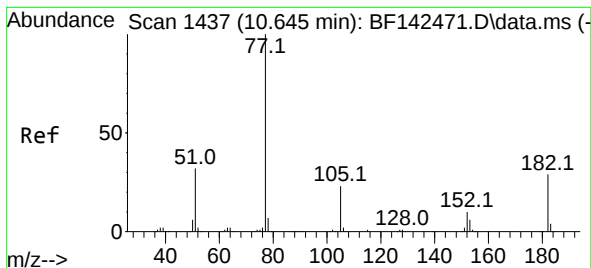
Tgt Ion:204 Resp: 371060
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 59.8 49.5 74.3



#62
4-Nitroaniline
Concen: 49.886 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:138 Resp: 185925
Ion Ratio Lower Upper
138 100
92 46.5 26.0 66.0
108 65.7 48.4 88.4





#63

Azobenzene

Concen: 44.721 ng

RT: 10.645 min Scan# 1437

Delta R.T. 0.000 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

Tgt Ion: 77 Resp: 683843

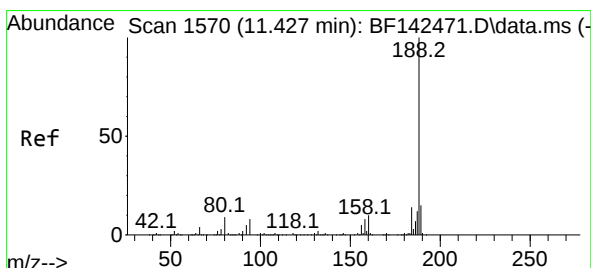
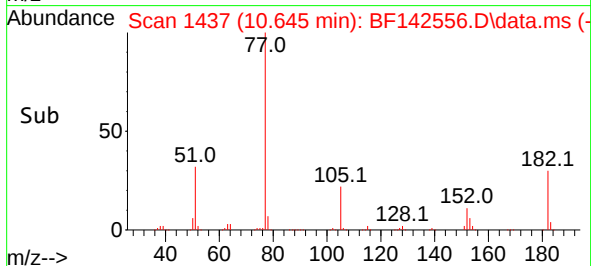
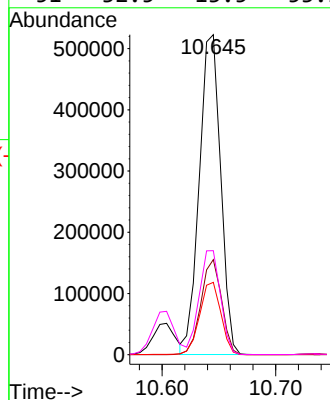
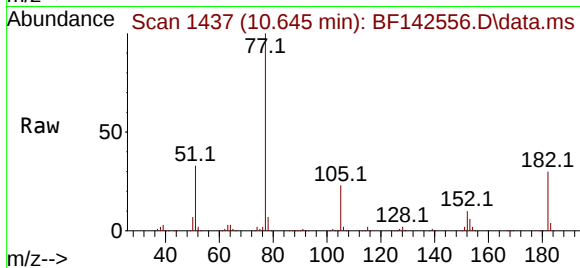
Ion Ratio Lower Upper

77 100

182 29.7 9.0 49.0

105 22.6 2.4 42.4

51 32.5 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: BF142556.D

Acq: 27 May 2025 12:11

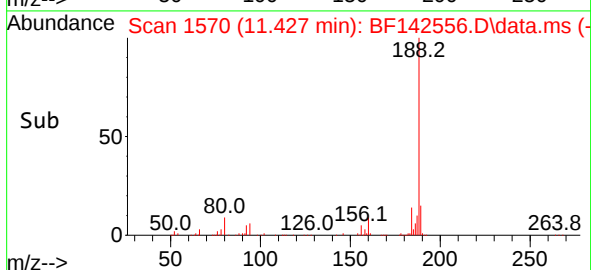
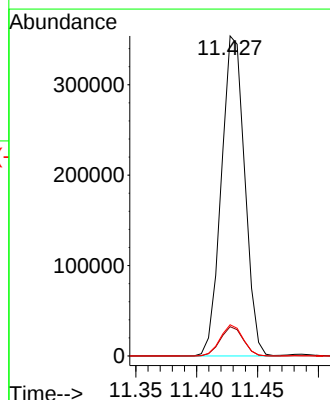
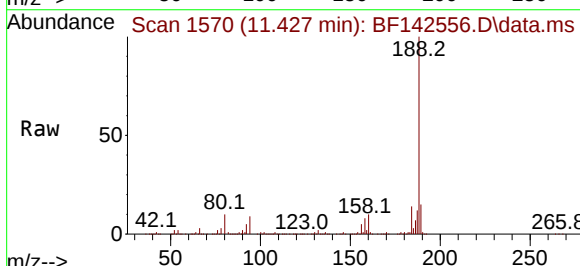
Tgt Ion:188 Resp: 473279

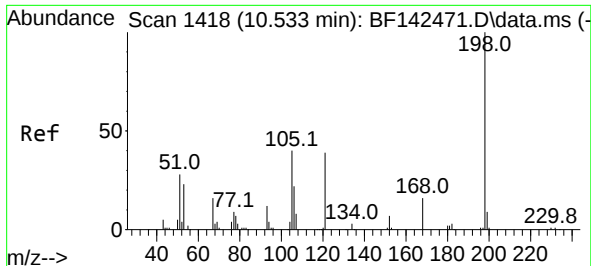
Ion Ratio Lower Upper

188 100

94 9.2 6.6 10.0

80 9.8 7.4 11.0

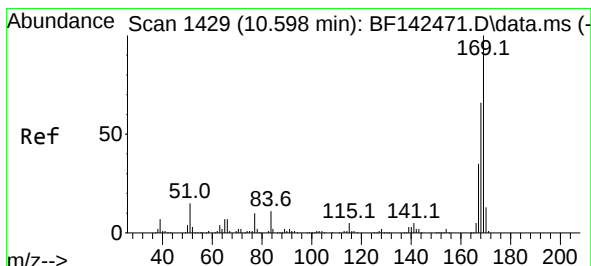
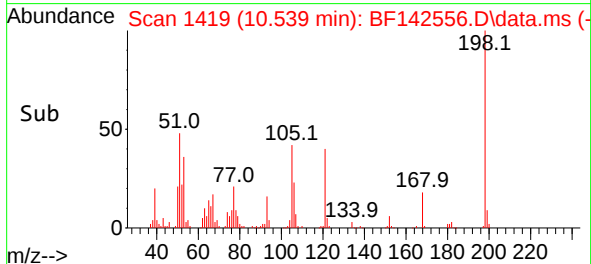
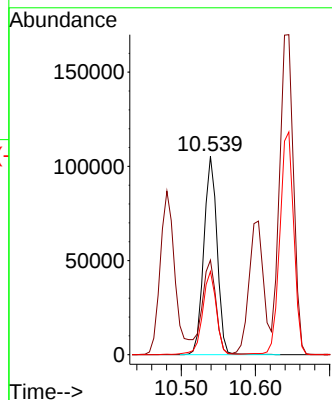
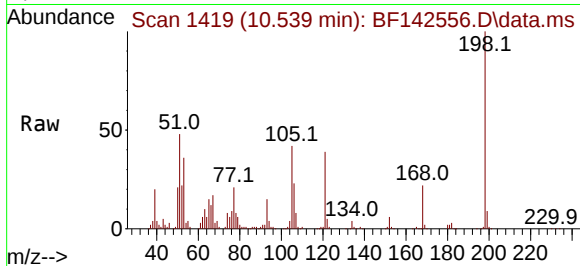




#65
4,6-Dinitro-2-methylphenol
Concen: 49.622 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

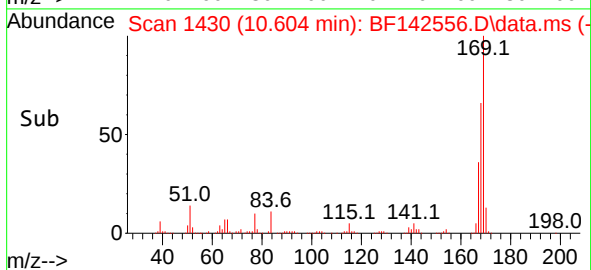
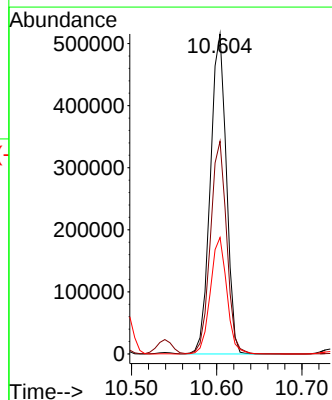
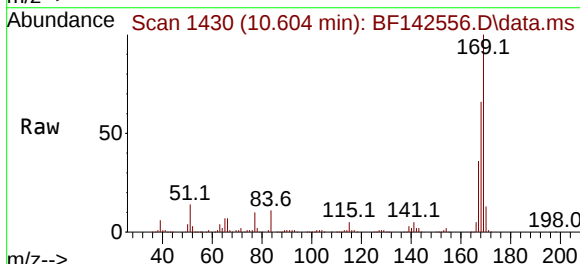
Instrument :
BNA_F
ClientSampleId :
PB168143BS

Tgt Ion:198 Resp: 131063
Ion Ratio Lower Upper
198 100
51 47.7 28.3 68.3
105 42.0 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 41.556 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:169 Resp: 672871
Ion Ratio Lower Upper
169 100
168 66.5 52.7 79.1
167 36.4 28.3 42.5

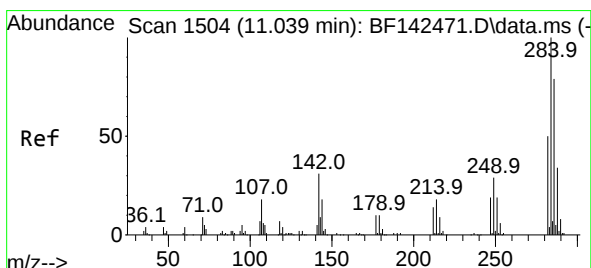
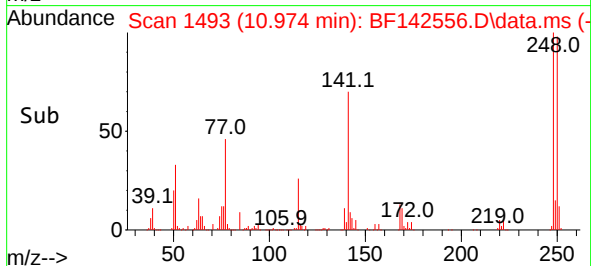
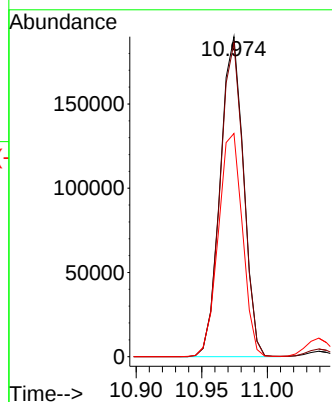
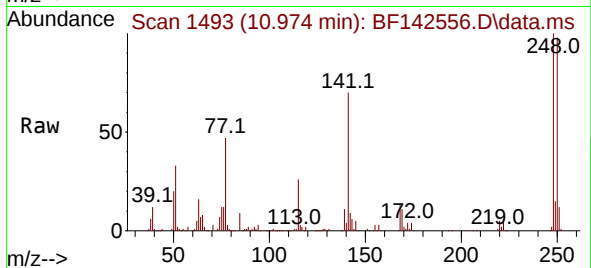




#67
4-Bromophenyl-phenylether
Concen: 42.089 ng
RT: 10.974 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

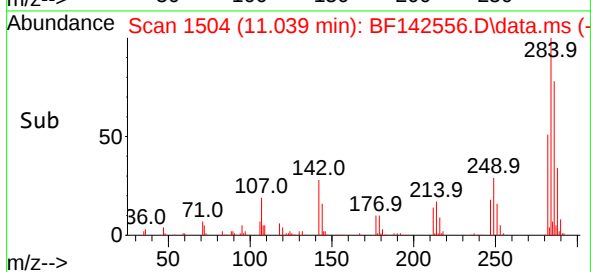
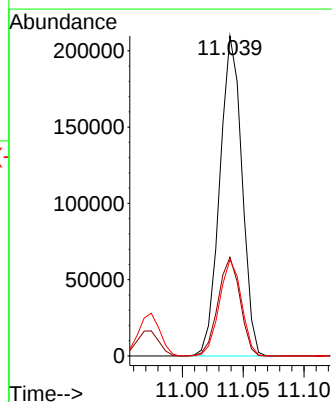
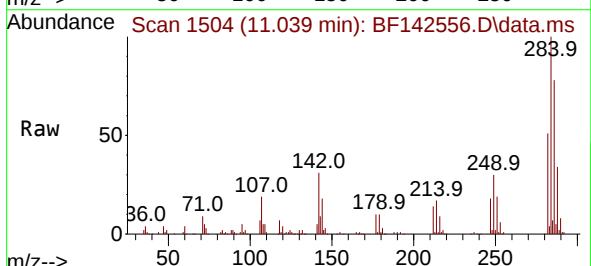
Instrument :
BNA_F
ClientSampleId :
PB168143BS

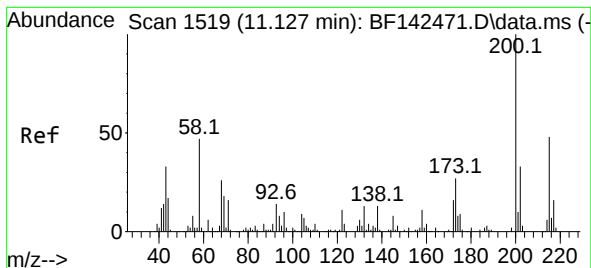
Tgt Ion:248 Resp: 235538
Ion Ratio Lower Upper
248 100
250 98.0 79.0 118.4
141 69.7 58.4 87.6



#68
Hexachlorobenzene
Concen: 42.933 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:284 Resp: 265736
Ion Ratio Lower Upper
284 100
142 30.9 24.8 37.2
249 30.1 23.6 35.4





#69

Atrazine

Concen: 50.625 ng

RT: 11.127 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

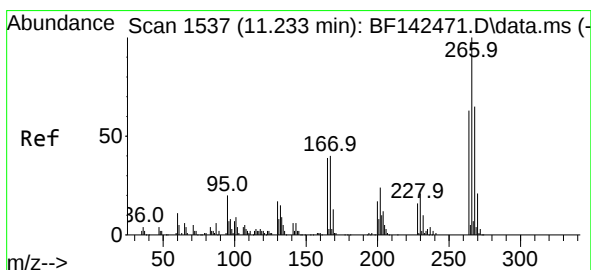
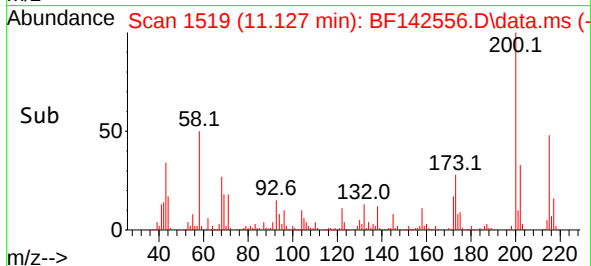
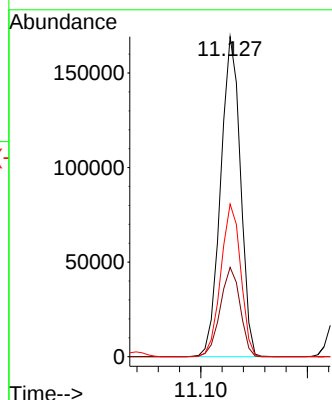
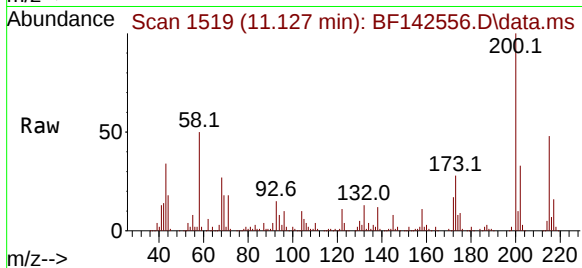
Tgt Ion:200 Resp: 217691

Ion Ratio Lower Upper

200 100

173 27.9 7.4 47.4

215 47.7 28.5 68.5



#70

Pentachlorophenol

Concen: 89.884 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

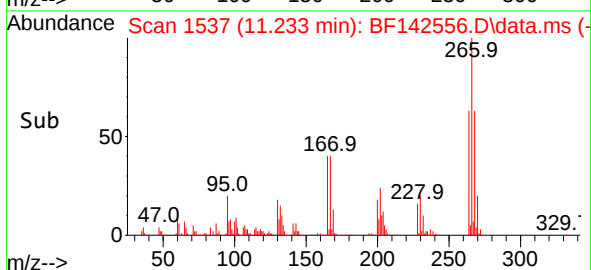
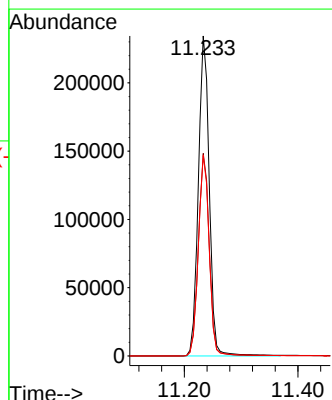
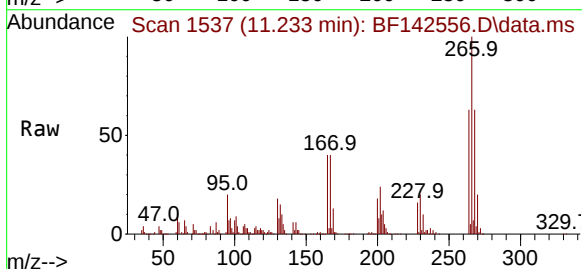
Tgt Ion:266 Resp: 314101

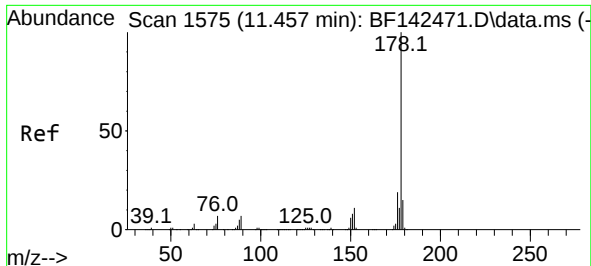
Ion Ratio Lower Upper

266 100

268 63.3 51.7 77.5

264 62.7 50.4 75.6

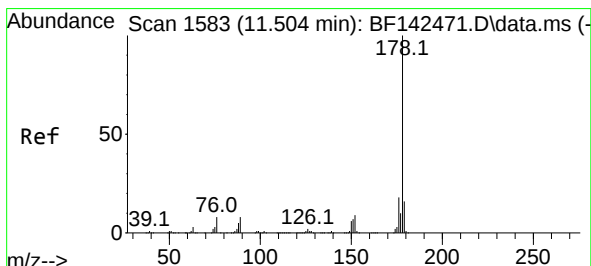
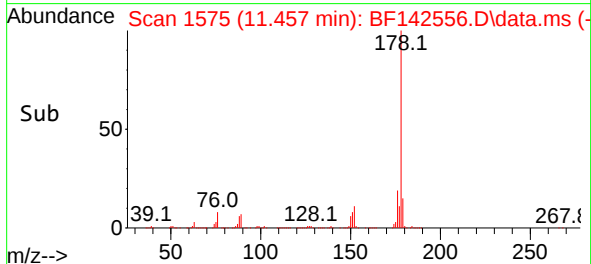
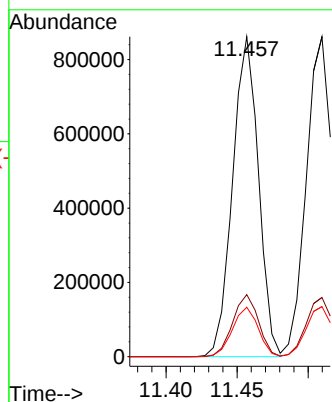
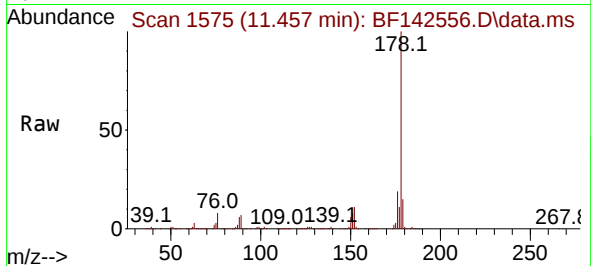




#71
Phenanthrene
Concen: 43.107 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

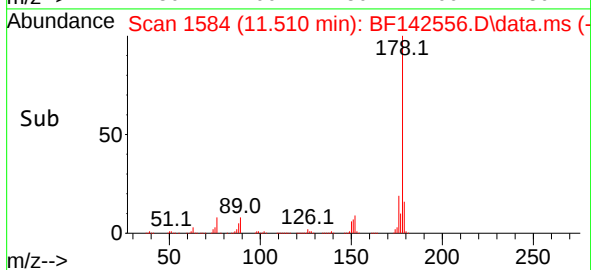
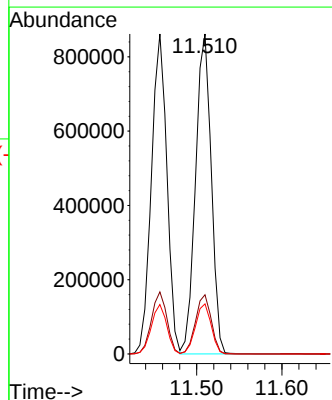
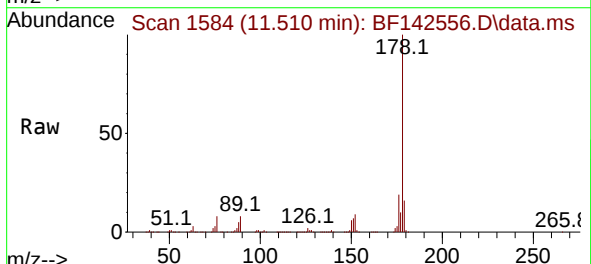
Instrument :
BNA_F
ClientSampleId :
PB168143BS

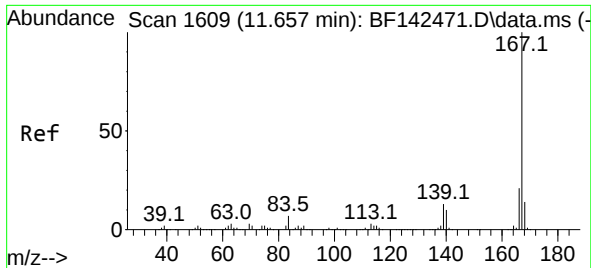
Tgt Ion:178 Resp: 1090302
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.4 12.3 18.5



#72
Anthracene
Concen: 42.697 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:178 Resp: 1102148
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.7 12.4 18.6

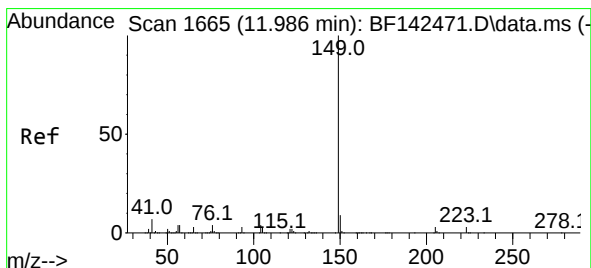
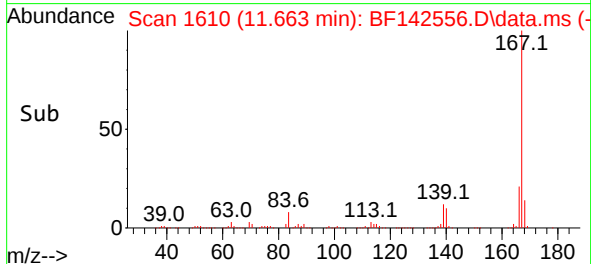
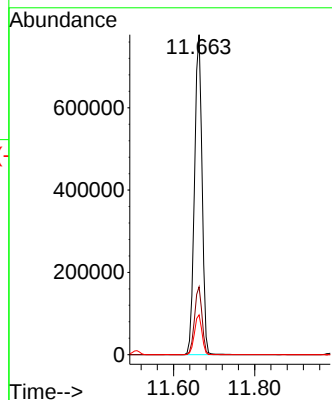
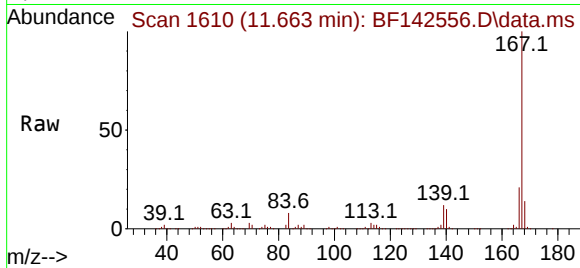




#73
 Carbazole
 Concen: 45.924 ng
 RT: 11.663 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF142556.D
 Acq: 27 May 2025 12:11

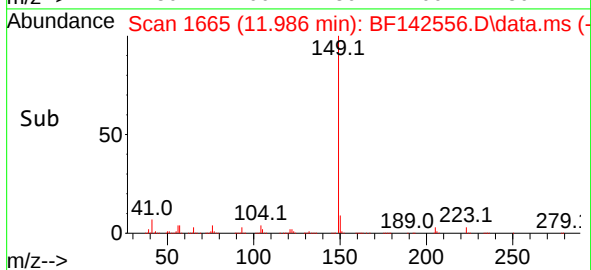
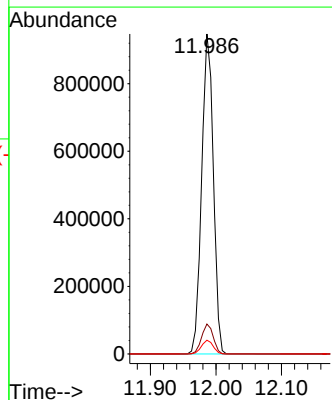
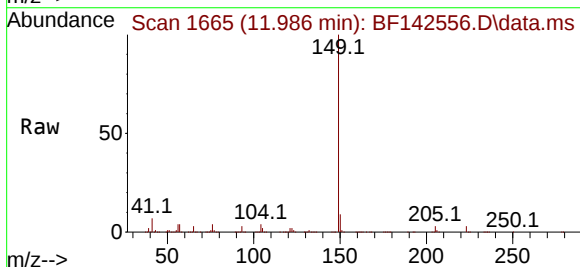
Instrument :
 BNA_F
 ClientSampleId :
 PB168143BS

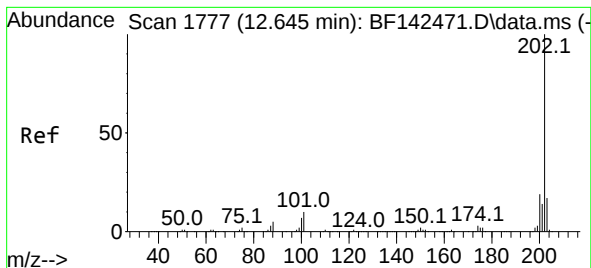
Tgt Ion:167 Resp: 1013432
 Ion Ratio Lower Upper
 167 100
 166 21.2 16.9 25.3
 139 12.5 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 48.617 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142556.D
 Acq: 27 May 2025 12:11

Tgt Ion:149 Resp: 1174359
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.3 3.6 5.4





#75

Fluoranthene

Concen: 47.583 ng

RT: 12.645 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

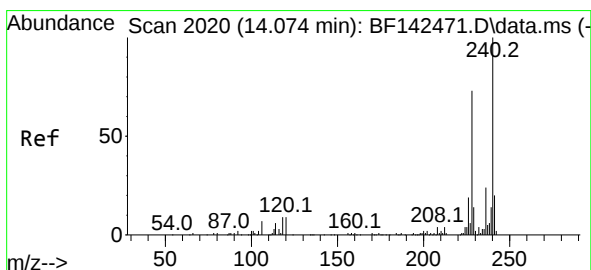
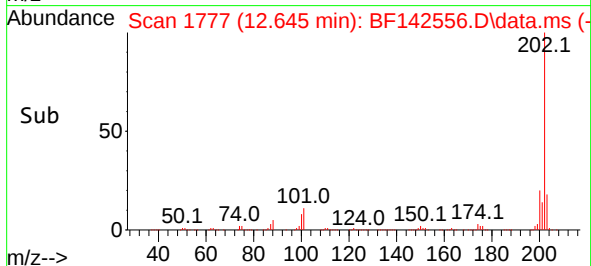
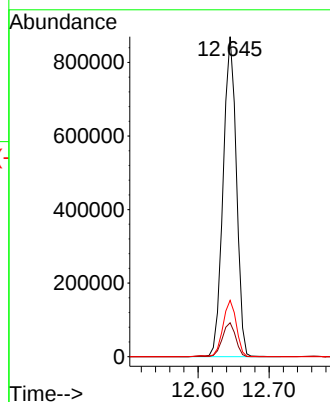
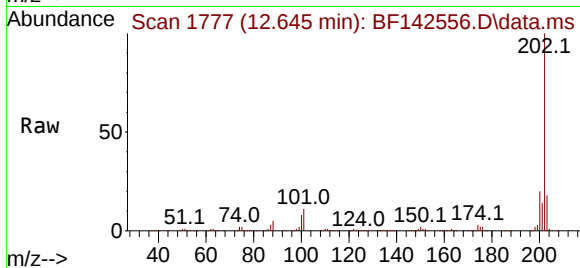
Tgt Ion:202 Resp: 1124554

Ion Ratio Lower Upper

202 100

101 10.6 0.0 29.6

203 17.6 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: BF142556.D

Acq: 27 May 2025 12:11

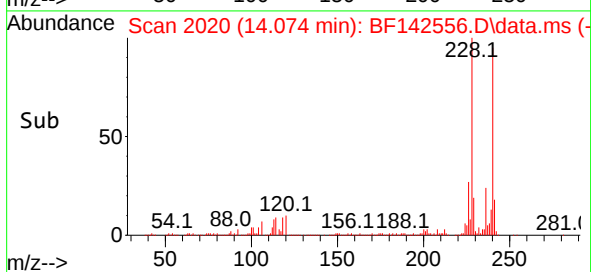
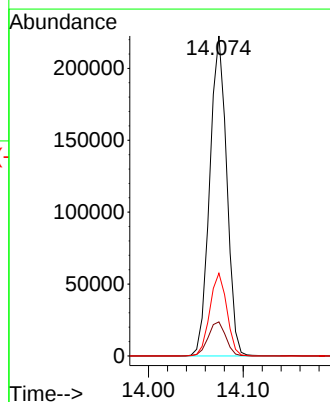
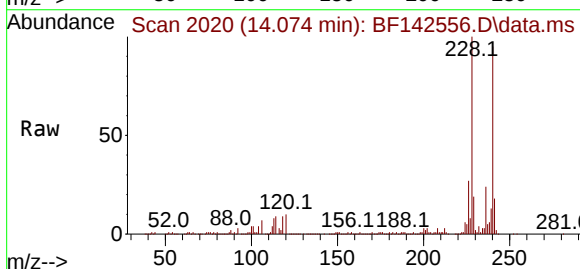
Tgt Ion:240 Resp: 277045

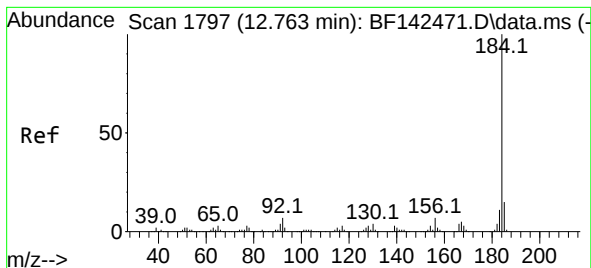
Ion Ratio Lower Upper

240 100

120 10.7 7.5 11.3

236 25.9 19.6 29.4





#77

Benzidine

Concen: 34.662 ng

RT: 12.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

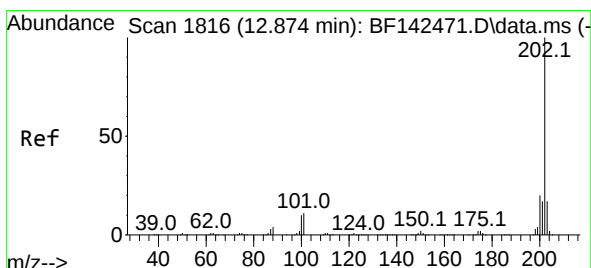
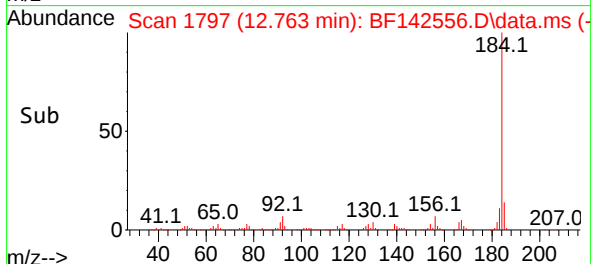
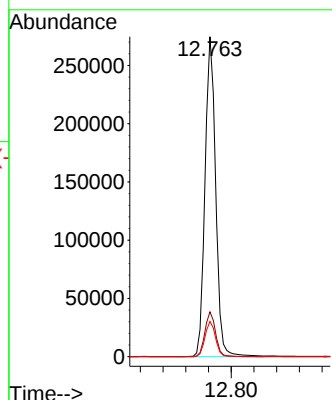
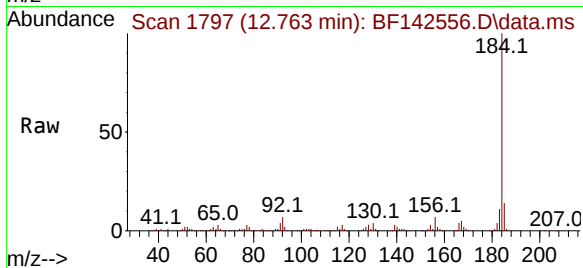
Tgt Ion:184 Resp: 357353

Ion Ratio Lower Upper

184 100

185 14.0 11.6 17.4

183 11.0 9.0 13.4



#78

Pyrene

Concen: 43.560 ng

RT: 12.874 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

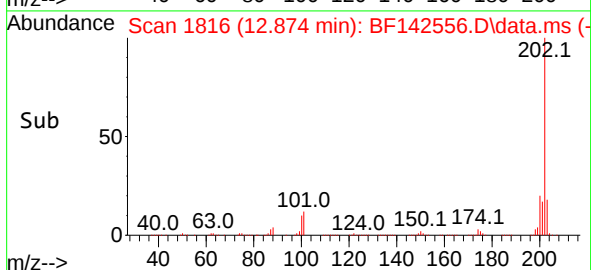
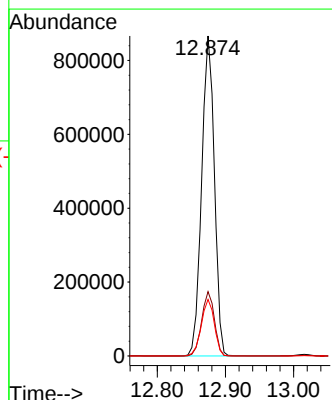
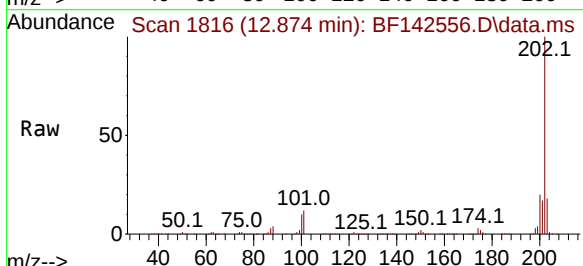
Tgt Ion:202 Resp: 1125782

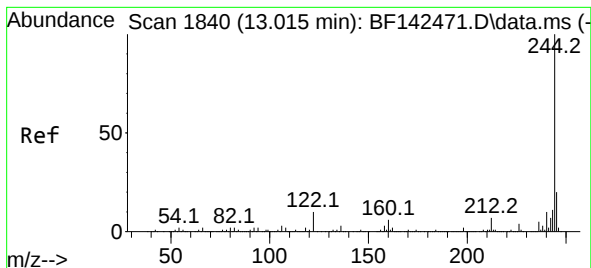
Ion Ratio Lower Upper

202 100

200 20.1 16.1 24.1

203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 75.495 ng

RT: 13.016 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

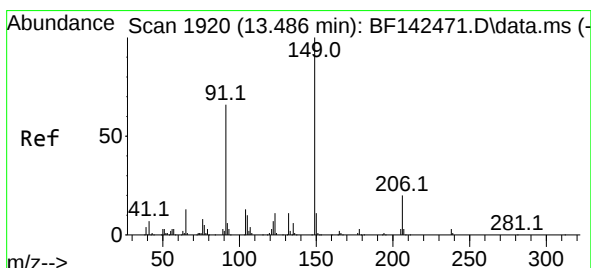
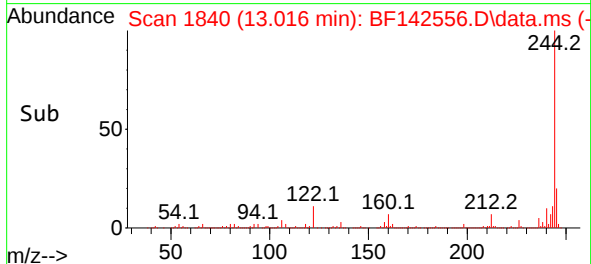
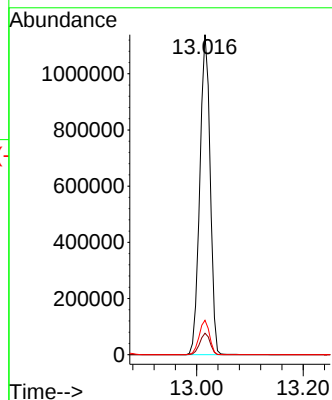
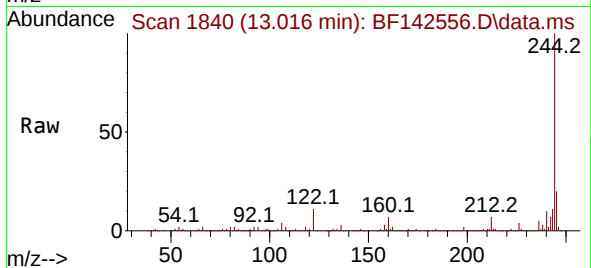
Tgt Ion:244 Resp: 1530542

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 10.7 8.2 12.2



#80

Butylbenzylphthalate

Concen: 52.608 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

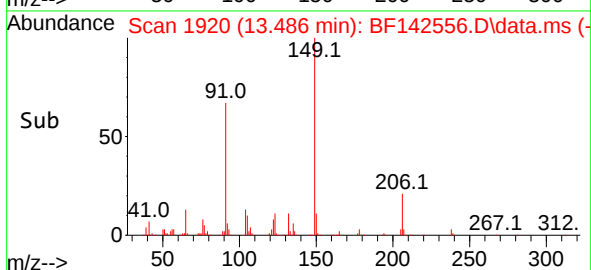
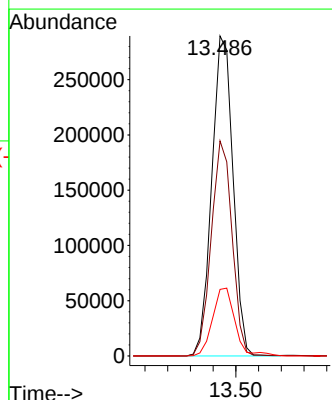
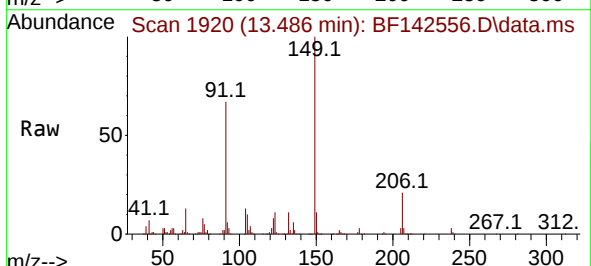
Tgt Ion:149 Resp: 375686

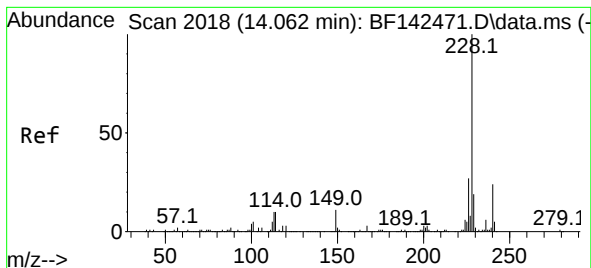
Ion Ratio Lower Upper

149 100

91 67.2 52.9 79.3

206 20.8 16.2 24.2





#81

Benzo(a)anthracene

Concen: 43.937 ng

RT: 14.063 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

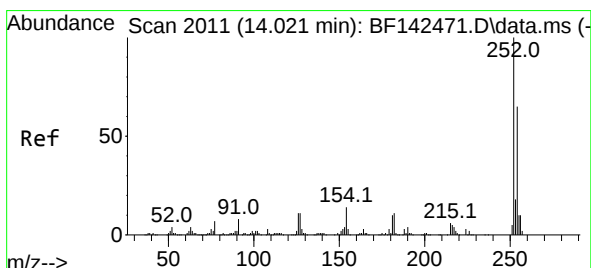
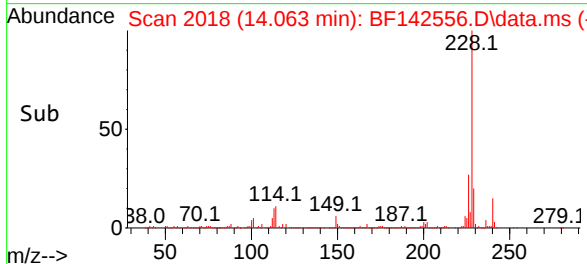
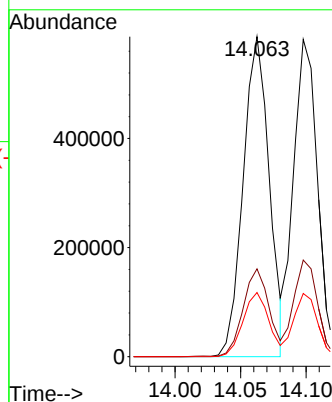
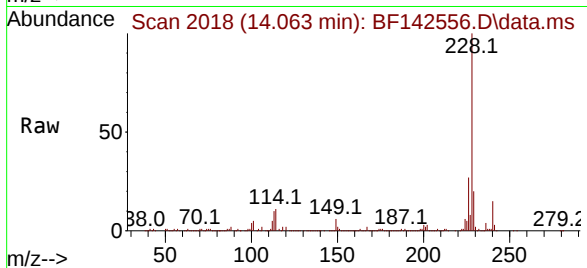
Tgt Ion:228 Resp: 812818

Ion Ratio Lower Upper

228 100

226 27.4 21.2 31.8

229 20.1 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 16.144 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

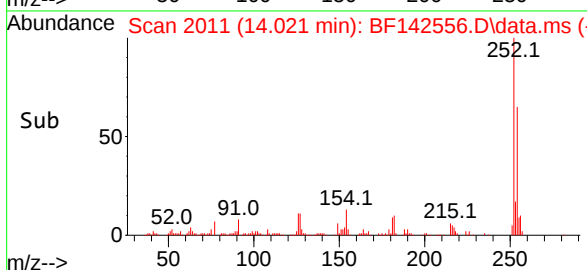
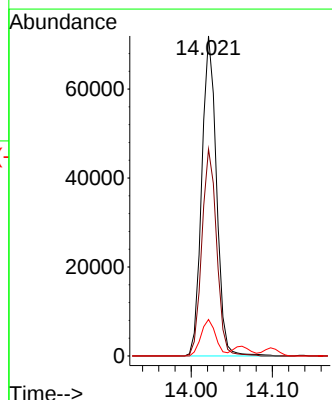
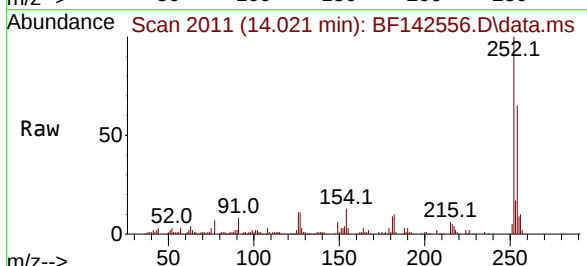
Tgt Ion:252 Resp: 90586

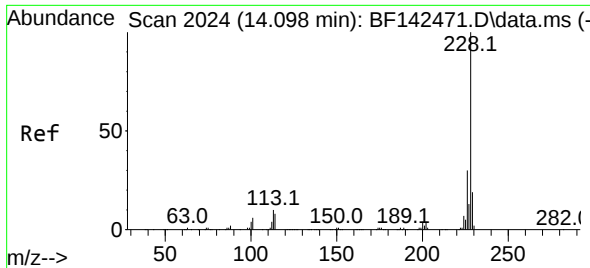
Ion Ratio Lower Upper

252 100

254 64.6 52.0 78.0

126 11.4 8.9 13.3

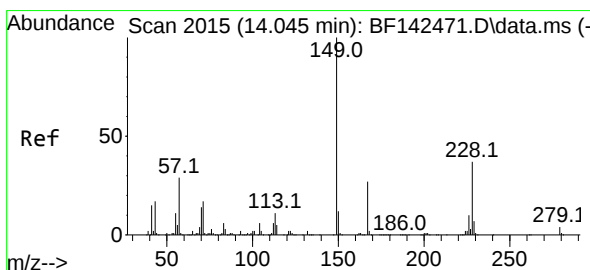
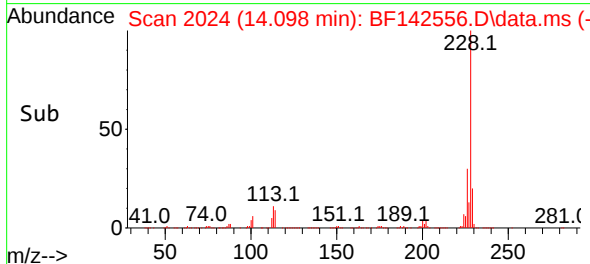
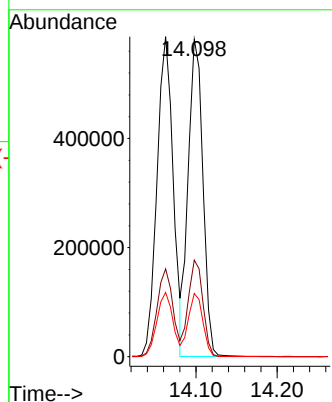
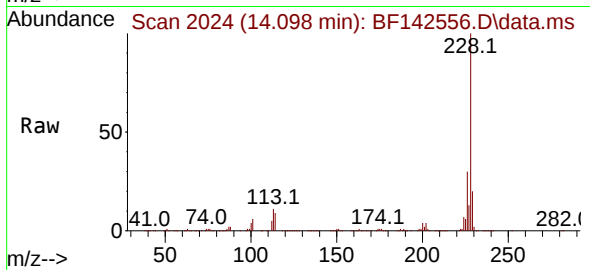




#83
Chrysene
Concen: 44.161 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

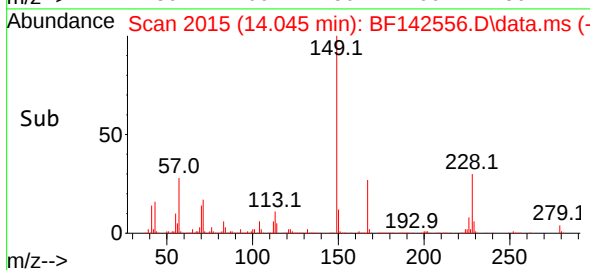
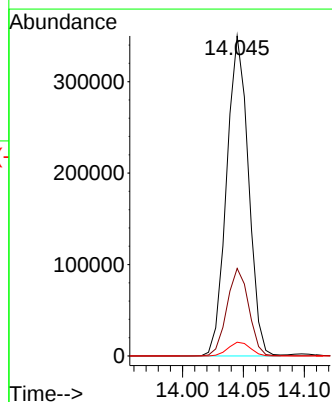
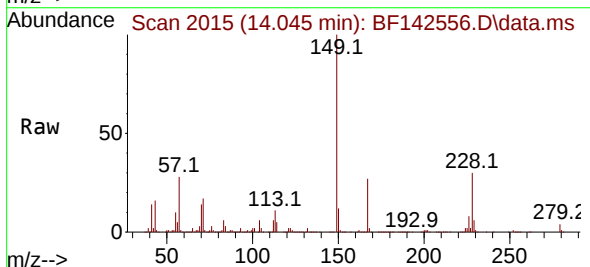
Instrument :
BNA_F
ClientSampleId :
PB168143BS

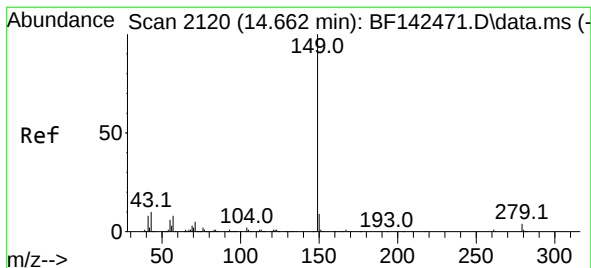
Tgt Ion:228 Resp: 734102
Ion Ratio Lower Upper
228 100
226 30.5 23.8 35.6
229 19.9 15.4 23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.790 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142556.D
Acq: 27 May 2025 12:11

Tgt Ion:149 Resp: 436890
Ion Ratio Lower Upper
149 100
167 27.4 21.5 32.3
279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 37.861 ng

RT: 14.662 min Scan# 2120

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

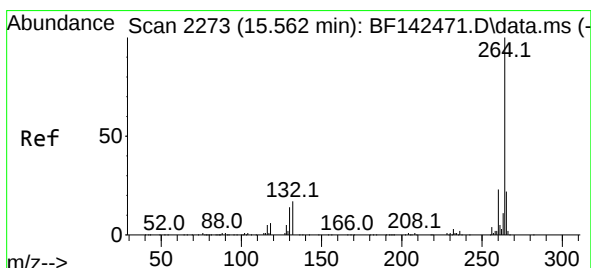
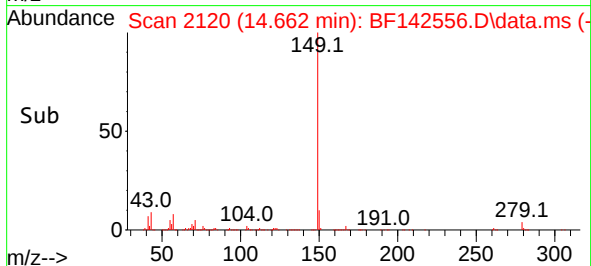
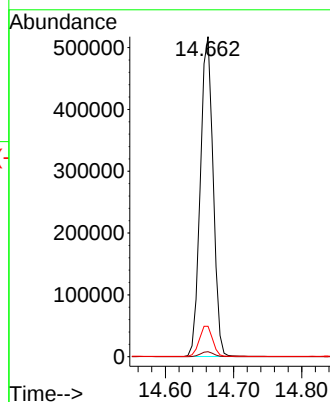
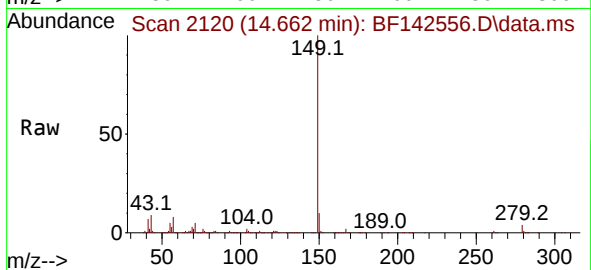
Tgt Ion:149 Resp: 676762

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.8 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: BF142556.D

Acq: 27 May 2025 12:11

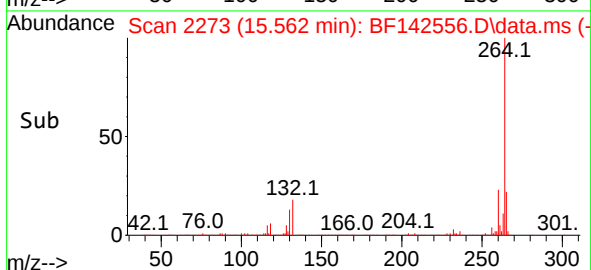
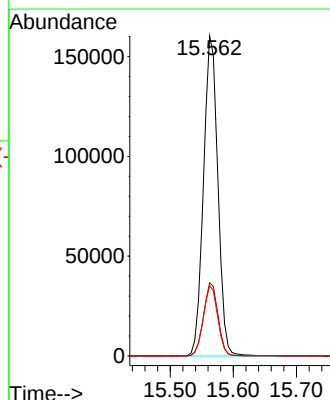
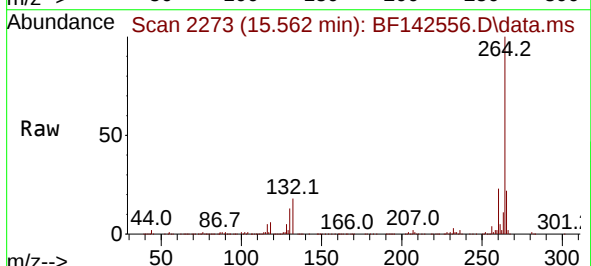
Tgt Ion:264 Resp: 252806

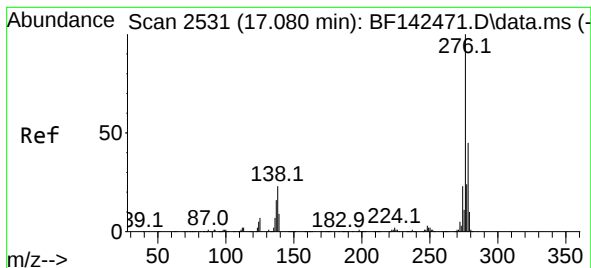
Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 22.0 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.446 ng

RT: 17.080 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

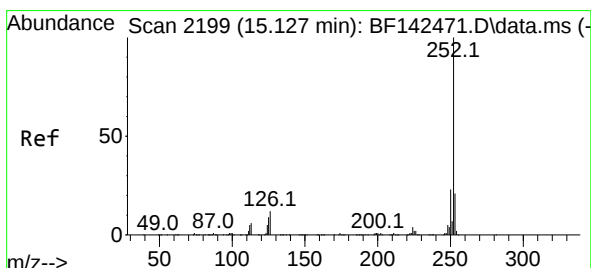
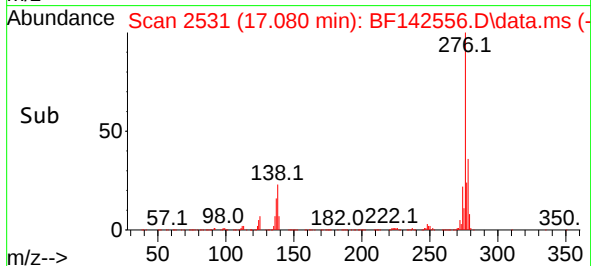
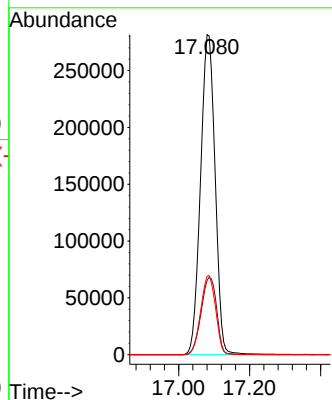
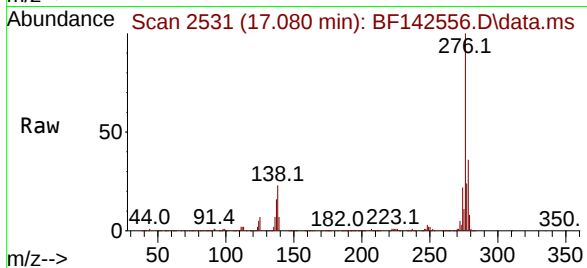
Tgt Ion:276 Resp: 805592

Ion Ratio Lower Upper

276 100

138 25.7 19.9 29.9

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.359 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

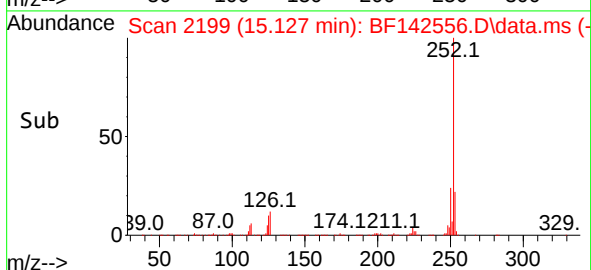
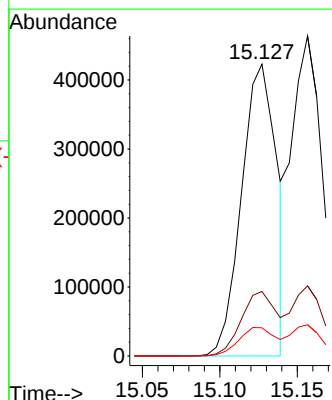
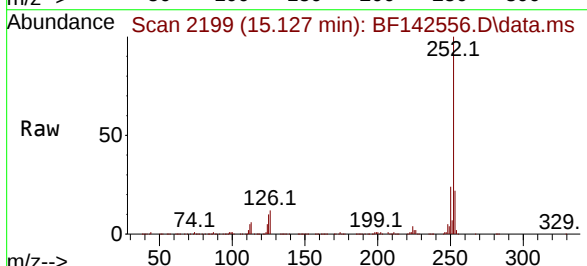
Tgt Ion:252 Resp: 663713

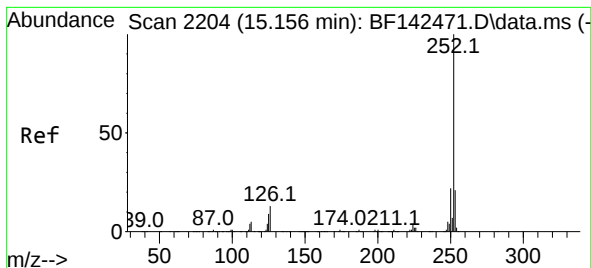
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

125 9.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 45.674 ng

RT: 15.157 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB168143BS

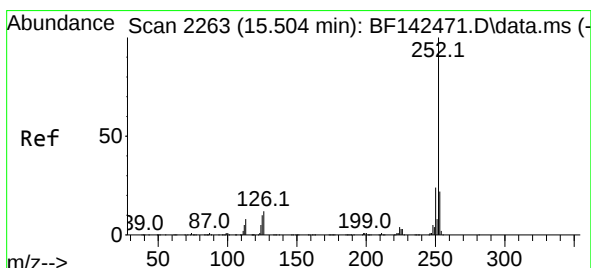
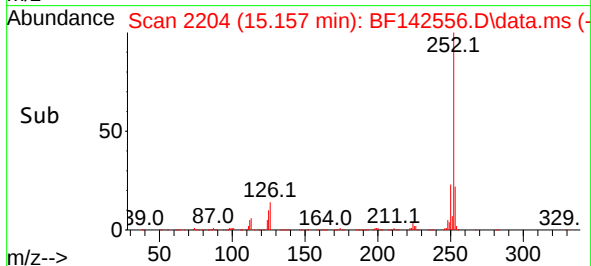
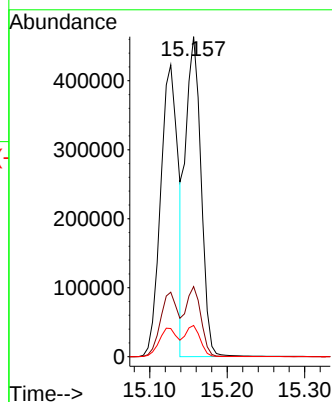
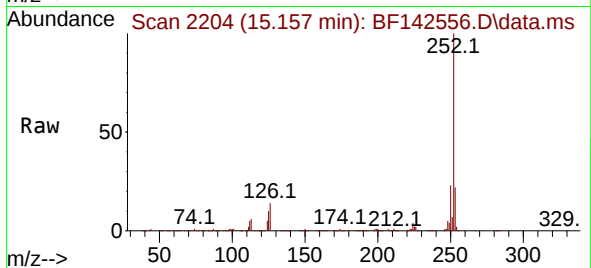
Tgt Ion:252 Resp: 640069

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

125 9.7 7.3 10.9



#90

Benzo(a)pyrene

Concen: 45.223 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF142556.D

Acq: 27 May 2025 12:11

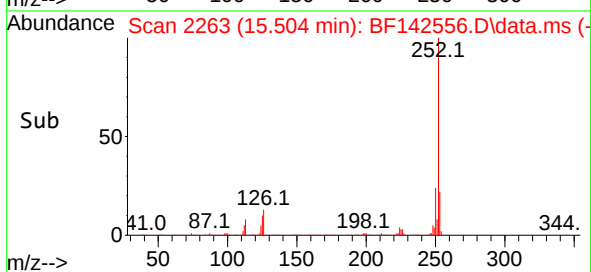
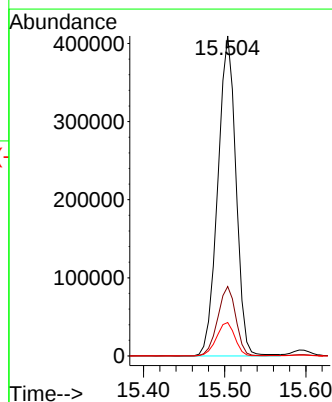
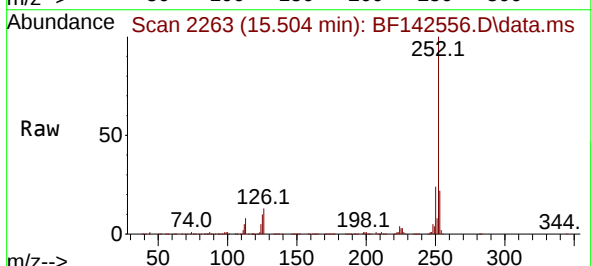
Tgt Ion:252 Resp: 637798

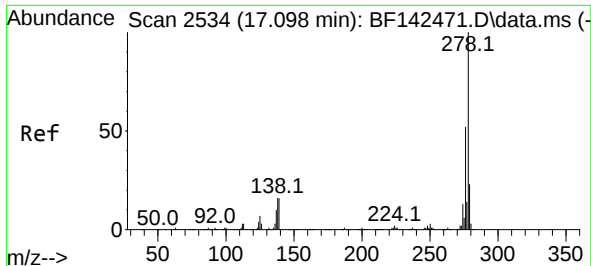
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 10.4 7.9 11.9

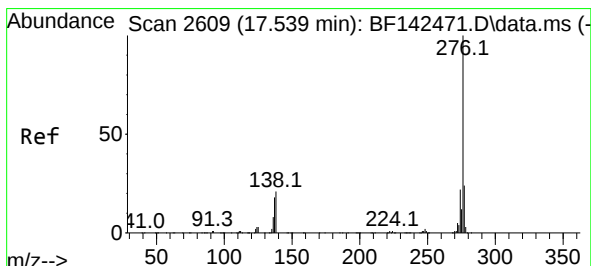
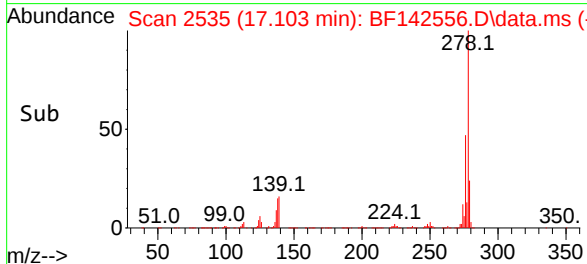
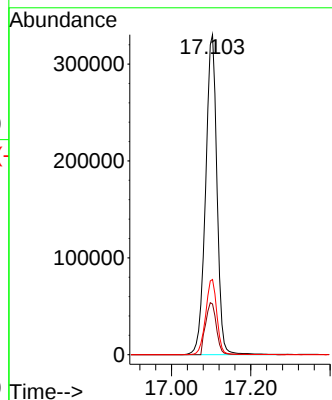
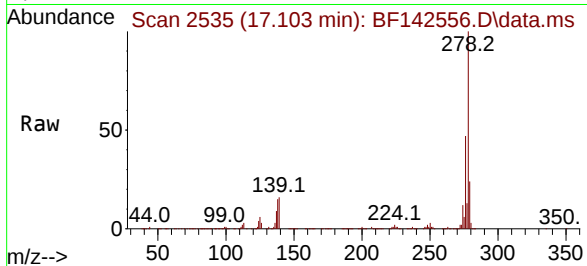




#91
 Dibenzo(a,h)anthracene
 Concen: 42.776 ng
 RT: 17.103 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF142556.D
 Acq: 27 May 2025 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB168143BS

Tgt Ion:278 Resp: 658445
 Ion Ratio Lower Upper
 278 100
 139 15.9 12.8 19.2
 279 23.5 18.6 28.0



#92
 Benzo(g,h,i)perylene
 Concen: 42.539 ng
 RT: 17.545 min Scan# 2610
 Delta R.T. -0.012 min
 Lab File: BF142556.D
 Acq: 27 May 2025 12:11

Tgt Ion:276 Resp: 654940
 Ion Ratio Lower Upper
 276 100
 277 23.4 19.2 28.8
 138 21.9 16.8 25.2

