

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142277.D
 Acq On : 02 May 2025 12:27
 Operator : RC/JU
 Sample : Q1901-08MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MS

Quant Time: May 02 13:05:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	212656	20.000	ng	0.00
21) Naphthalene-d8	8.193	136	808361	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	402059	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	629997	20.000	ng	0.00
76) Chrysene-d12	14.069	240	370460	20.000	ng	0.00
86) Perylene-d12	15.557	264	379220	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1285671	96.555	ng	0.01
7) Phenol-d6	6.528	99	1443545	89.776	ng	0.00
23) Nitrobenzene-d5	7.469	82	1033716	84.012	ng	0.00
42) 2,4,6-Tribromophenol	10.734	330	462379	126.149	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2016863	70.728	ng	0.00
79) Terphenyl-d14	13.016	244	1792164	70.359	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.822	88	169976	28.583	ng	# 84
3) Pyridine	3.546	79	415695	26.896	ng	99
4) n-Nitrosodimethylamine	3.481	42	278483	34.818	ng	99
6) Aniline	6.569	93	185208	8.138	ng	100
8) 2-Chlorophenol	6.693	128	531955	38.662	ng	99
9) Benzaldehyde	6.457	77	175465	15.613	ng	99
10) Phenol	6.540	94	547603	31.634	ng	98
11) bis(2-Chloroethyl)ether	6.646	93	502092	37.430	ng	99
12) 1,3-Dichlorobenzene	6.851	146	511679	32.873	ng	99
13) 1,4-Dichlorobenzene	6.928	146	527665	33.647	ng	99
14) 1,2-Dichlorobenzene	7.081	146	509008	33.999	ng	99
15) Benzyl Alcohol	7.046	79	445258	39.044	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	916352	37.830	ng	99
17) 2-Methylphenol	7.151	107	403260	35.777	ng	100
18) Hexachloroethane	7.422	117	180036	35.075	ng	97
19) n-Nitroso-di-n-propyla...	7.316	70	379242	38.168	ng	98
20) 3+4-Methylphenols	7.304	107	508536	36.077	ng	91
22) Acetophenone	7.316	105	714285	38.195	ng	97
24) Nitrobenzene	7.487	77	532026	44.068	ng	100
25) Isophorone	7.728	82	1017548	39.404	ng	99
26) 2-Nitrophenol	7.804	139	249952	48.946	ng	98
27) 2,4-Dimethylphenol	7.834	122	465938	35.787	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	653302	40.114	ng	100
29) 2,4-Dichlorophenol	8.040	162	450542	41.390	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	460388	37.902	ng	100
31) Naphthalene	8.210	128	1515067	37.582	ng	100
32) Benzoic acid	7.922	122	217267	37.981	ng	97
33) 4-Chloroaniline	8.251	127	79798	4.754	ng	99
34) Hexachlorobutadiene	8.328	225	267842	37.794	ng	99
35) Caprolactam	8.616	113	68703	20.999	ng	94
36) 4-Chloro-3-methylphenol	8.728	107	450003	40.260	ng	99
37) 2-Methylnaphthalene	8.898	142	965025	38.934	ng	99
38) 1-Methylnaphthalene	8.998	142	1001608	39.008	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	466320	41.212	ng	99
41) Hexachlorocyclopentadiene	9.057	237	570339	88.811	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	326161	46.517	ng	98

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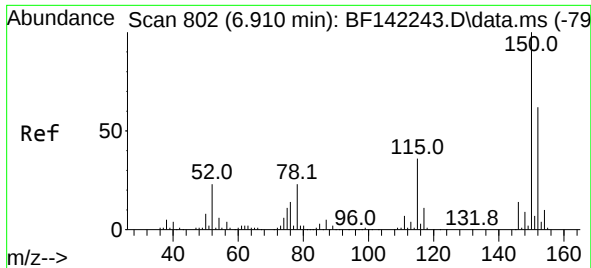
Quant Time: May 02 13:05:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	336279	45.616	ng	99
46) 1,1'-Biphenyl	9.363	154	1292053	41.337	ng	99
47) 2-Chloronaphthalene	9.392	162	960343	41.296	ng	99
48) 2-Nitroaniline	9.481	65	294596	48.035	ng	98
49) Acenaphthylene	9.810	152	1605889	40.923	ng	100
50) Dimethylphthalate	9.663	163	1104923	42.957	ng	100
51) 2,6-Dinitrotoluene	9.722	165	230556	46.839	ng	99
52) Acenaphthene	9.981	154	1000886	43.682	ng	99
53) 3-Nitroaniline	9.886	138	93454	17.726	ng	98
54) 2,4-Dinitrophenol	9.992	184	156192	86.643	ng	# 52
55) Dibenzofuran	10.151	168	1420255	41.350	ng	100
56) 4-Nitrophenol	10.039	139	369705	91.443	ng	99
57) 2,4-Dinitrotoluene	10.128	165	301103	50.164	ng	96
58) Fluorene	10.492	166	1070926	41.007	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	273427	44.776	ng	99
60) Diethylphthalate	10.363	149	1082961	42.636	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	522609	42.138	ng	96
62) 4-Nitroaniline	10.504	138	228504	42.238	ng	97
63) Azobenzene	10.645	77	1037185	41.352	ng	99
65) 4,6-Dinitro-2-methylph...	10.534	198	106866	50.723	ng	90
66) n-Nitrosodiphenylamine	10.604	169	918104	42.652	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	319645	45.559	ng	98
68) Hexachlorobenzene	11.039	284	349088	44.425	ng	98
69) Atrazine	11.128	200	274854	48.442	ng	99
70) Pentachlorophenol	11.233	266	390510	94.071	ng	98
71) Phenanthrene	11.457	178	1459064	42.876	ng	100
72) Anthracene	11.510	178	1476623	42.440	ng	99
73) Carbazole	11.657	167	1322084	41.655	ng	100
74) Di-n-butylphthalate	11.992	149	1508741	47.265	ng	100
75) Fluoranthene	12.645	202	1362829	40.513	ng	98
77) Benzidine	12.763	184	40553	2.576	ng	97
78) Pyrene	12.875	202	1353270	39.600	ng	100
80) Butylbenzylphthalate	13.492	149	486120	51.715	ng	99
81) Benzo(a)anthracene	14.057	228	1077111	43.310	ng	100
82) 3,3'-Dichlorobenzidine	14.022	252	61349	8.398	ng	98
83) Chrysene	14.098	228	946310	41.802	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	628324	48.509	ng	99
85) Di-n-octyl phthalate	14.669	149	1009277	43.232	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	1154061	41.548	ng	100
88) Benzo(b)fluoranthene	15.121	252	1089899	46.269	ng	99
89) Benzo(k)fluoranthene	15.151	252	857957	39.820	ng	99
90) Benzo(a)pyrene	15.498	252	936845	43.441	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	933265	41.398	ng	100
92) Benzo(g,h,i)perylene	17.521	276	936160	41.307	ng	99

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

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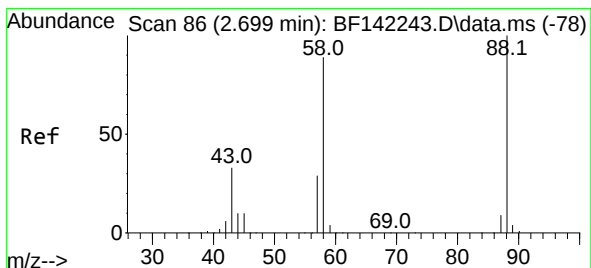
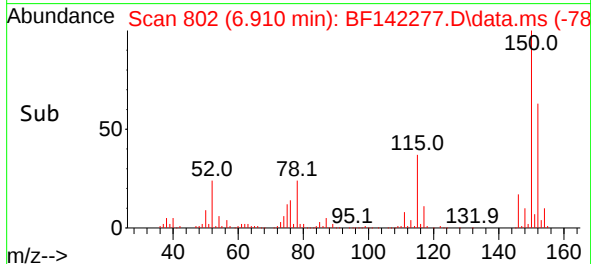
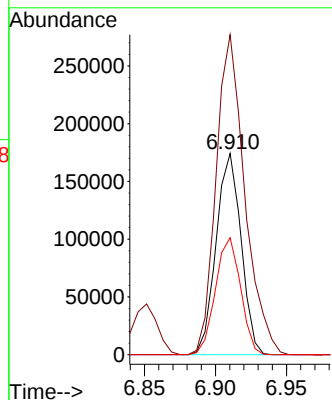
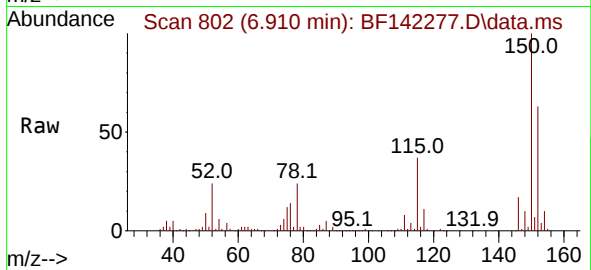




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142277.D
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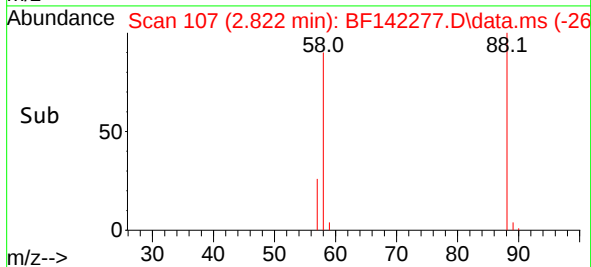
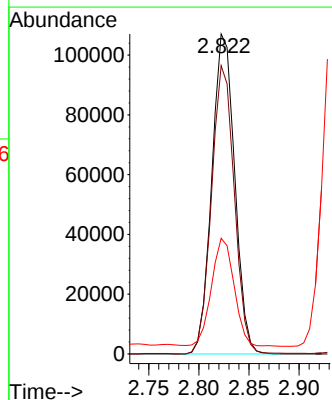
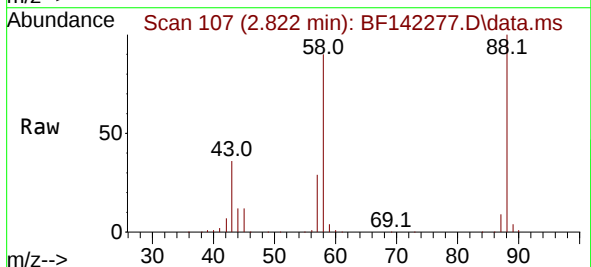
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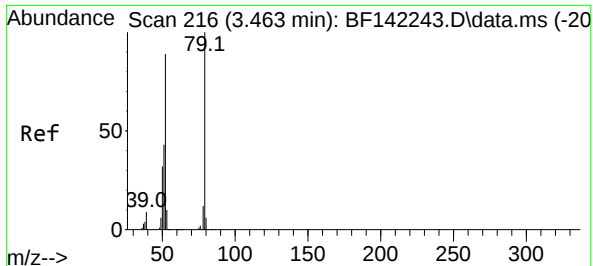
Tgt Ion:152 Resp: 212656
 Ion Ratio Lower Upper
 152 100
 150 159.0 130.2 195.2
 115 58.1 47.0 70.4



#2
 1,4-Dioxane
 Concen: 28.583 ng
 RT: 2.822 min Scan# 107
 Delta R.T. 0.124 min
 Lab File: BF142277.D
 Acq: 02 May 2025 12:27

Tgt Ion: 88 Resp: 169976
 Ion Ratio Lower Upper
 88 100
 58 90.1 72.2 108.2
 43 0.0 27.0 40.6

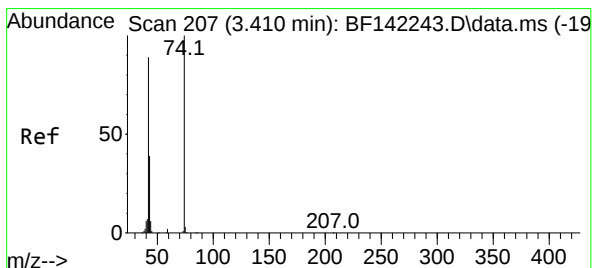
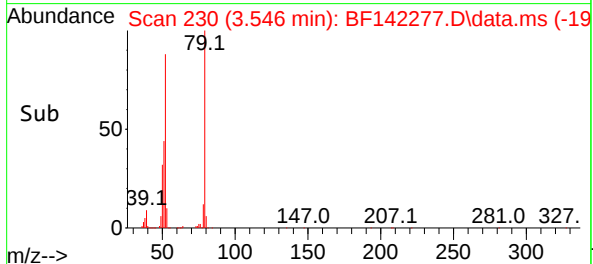
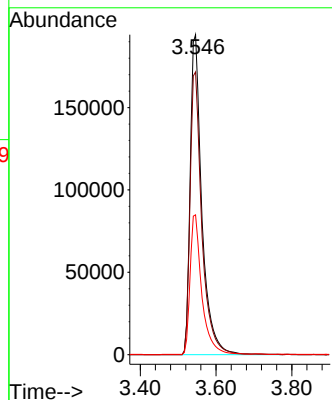
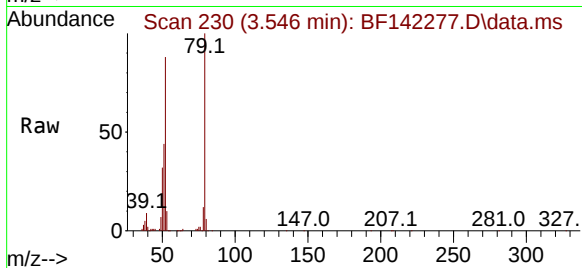




#3
 Pyridine
 Concen: 26.896 ng
 RT: 3.546 min Scan# 216
 Delta R.T. 0.082 min
 Lab File: BF142277.D
 Acq: 02 May 2025 12:27

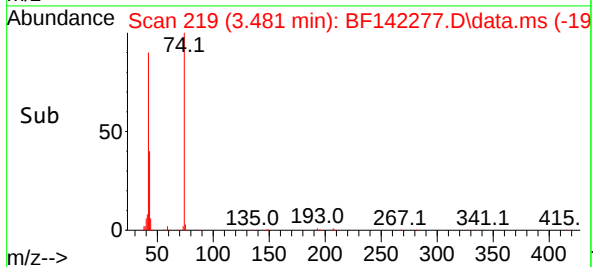
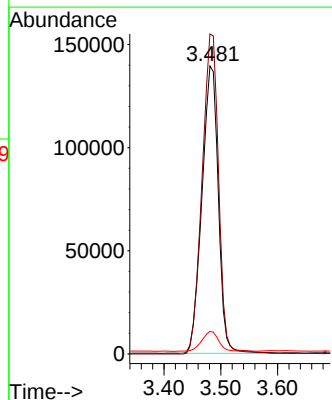
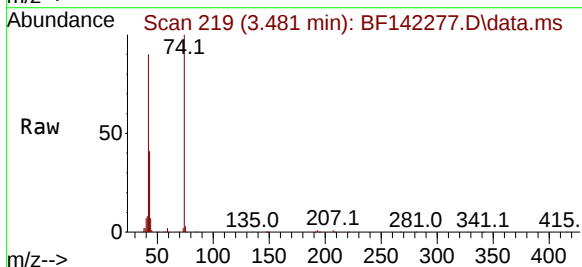
Instrument :
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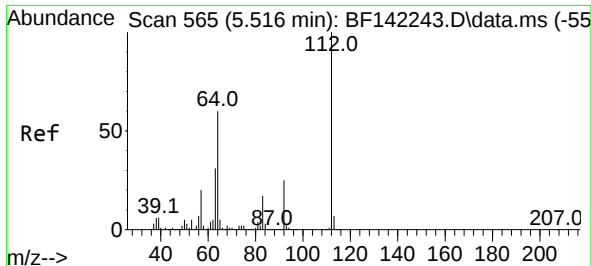
Tgt Ion: 79 Resp: 415695
 Ion Ratio Lower Upper
 79 100
 52 88.4 71.5 107.3
 51 43.7 34.5 51.7



#4
 n-Nitrosodimethylamine
 Concen: 34.818 ng
 RT: 3.481 min Scan# 219
 Delta R.T. 0.071 min
 Lab File: BF142277.D
 Acq: 02 May 2025 12:27

Tgt Ion: 42 Resp: 278483
 Ion Ratio Lower Upper
 42 100
 74 111.1 89.5 134.3
 44 7.8 6.6 9.8

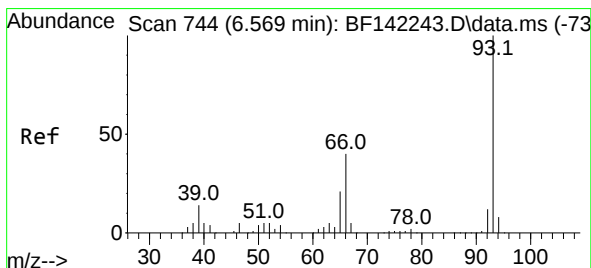
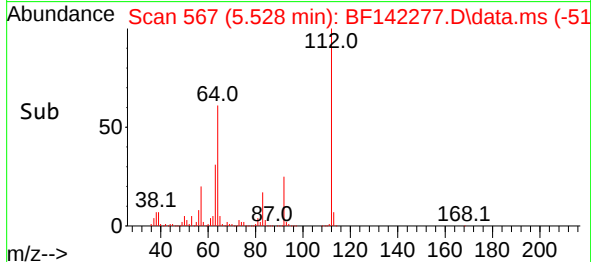
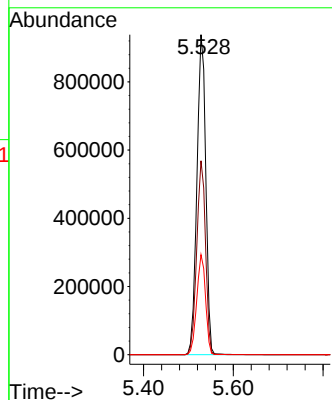
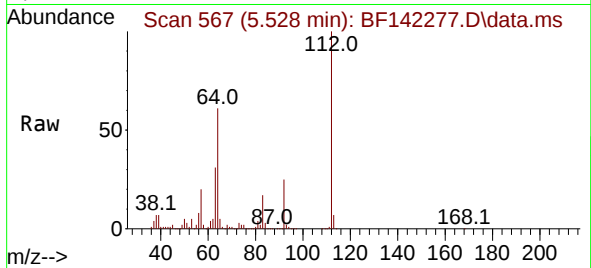




#5
2-Fluorophenol
Concen: 96.555 ng
RT: 5.528 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

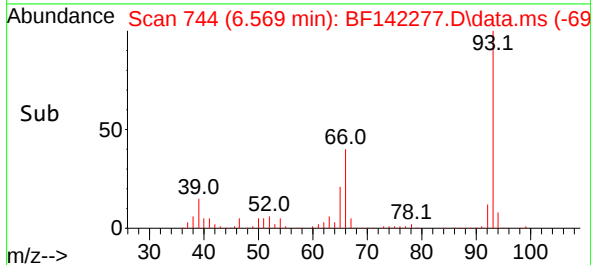
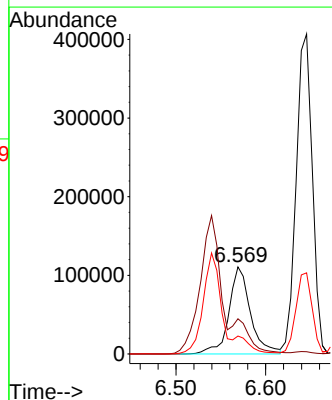
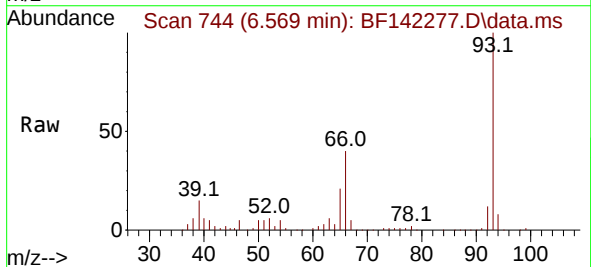
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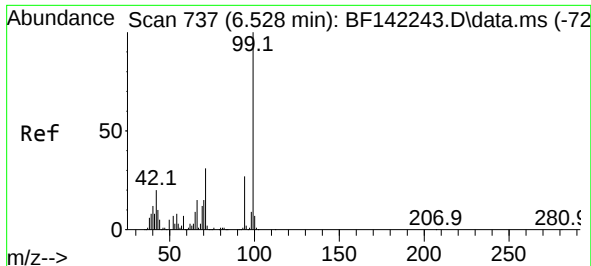
Tgt Ion:112 Resp: 1285671
Ion Ratio Lower Upper
112 100
64 60.6 48.4 72.6
63 31.2 24.8 37.2



#6
Aniline
Concen: 8.138 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Tgt Ion: 93 Resp: 185208
Ion Ratio Lower Upper
93 100
66 40.4 32.1 48.1
65 20.7 16.6 24.8





#7

Phenol-d6

Concen: 89.776 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

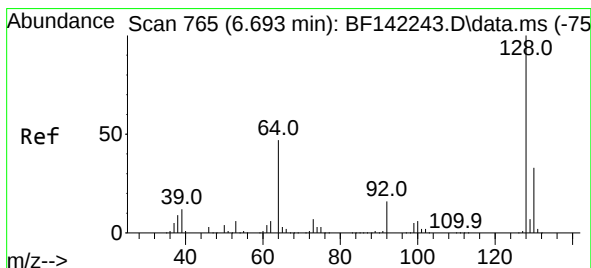
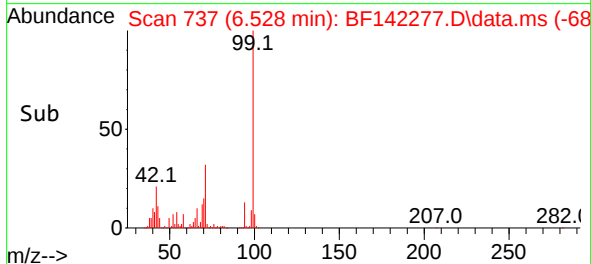
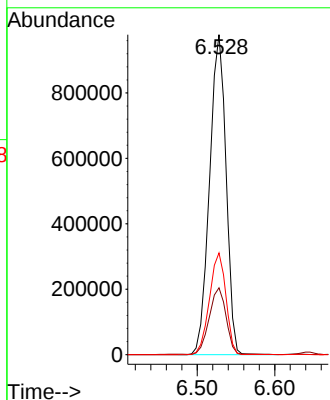
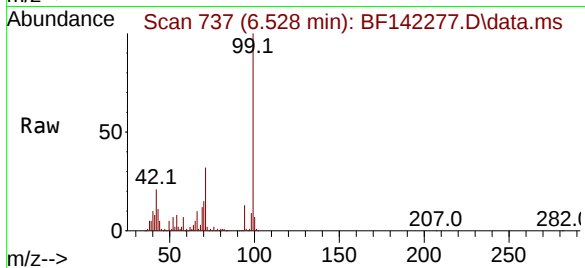
Tgt Ion: 99 Resp: 1443545

Ion Ratio Lower Upper

99 100

42 20.9 16.3 24.5

71 31.8 25.0 37.4



#8

2-Chlorophenol

Concen: 38.662 ng

RT: 6.693 min Scan# 765

Delta R.T. 0.000 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

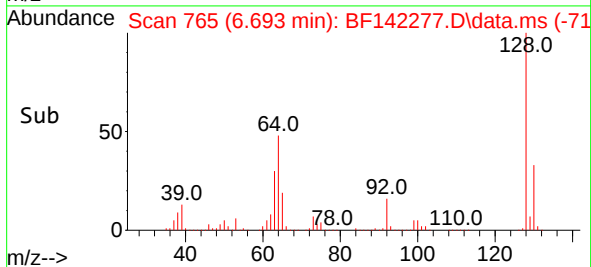
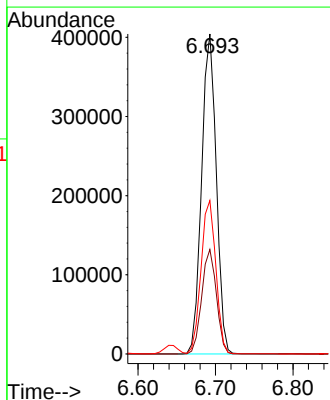
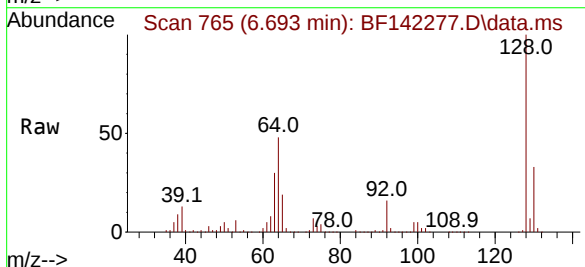
Tgt Ion: 128 Resp: 531955

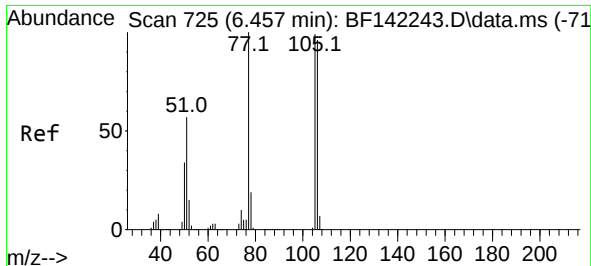
Ion Ratio Lower Upper

128 100

130 32.7 13.1 53.1

64 47.9 28.6 68.6





#9

Benzaldehyde

Concen: 15.613 ng

RT: 6.457 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142277.D

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Instrument :

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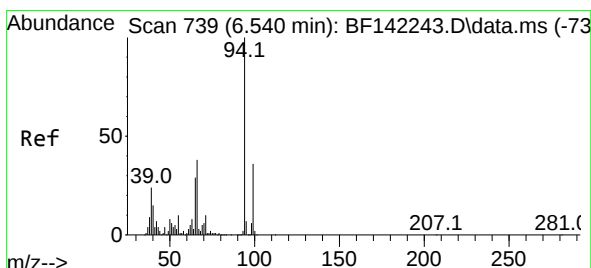
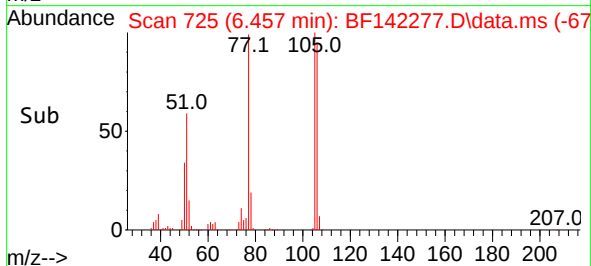
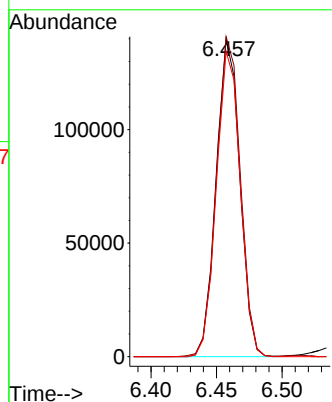
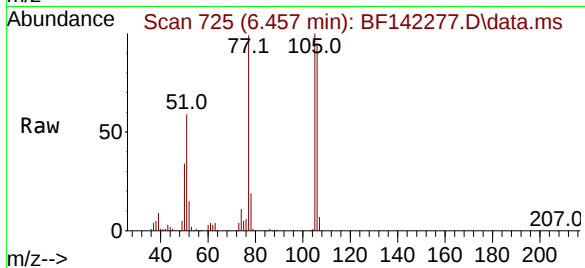
Tgt Ion: 77 Resp: 175465

Ion Ratio Lower Upper

77 100

105 100.9 79.1 119.1

106 96.2 76.0 116.0



#10

Phenol

Concen: 31.634 ng

RT: 6.540 min Scan# 739

Delta R.T. 0.000 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

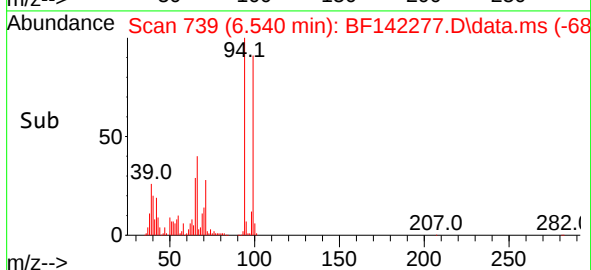
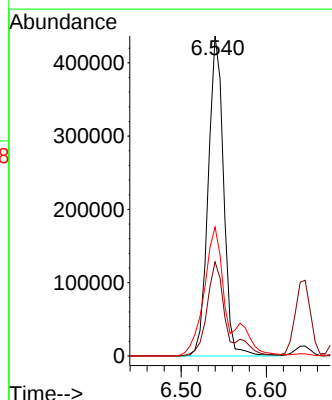
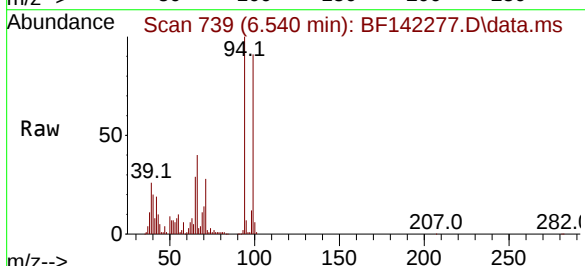
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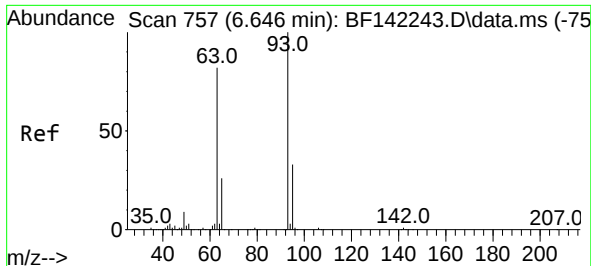
Ion Ratio Lower Upper

94 100

65 29.4 8.9 48.9

66 40.3 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 37.430 ng

RT: 6.646 min Scan# 757

Delta R.T. 0.000 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

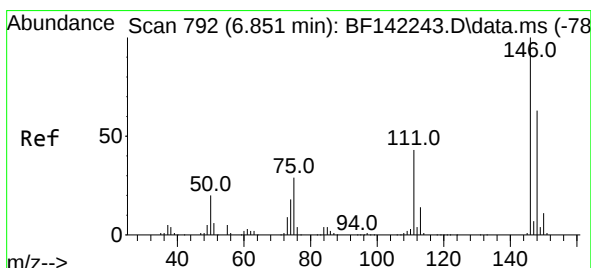
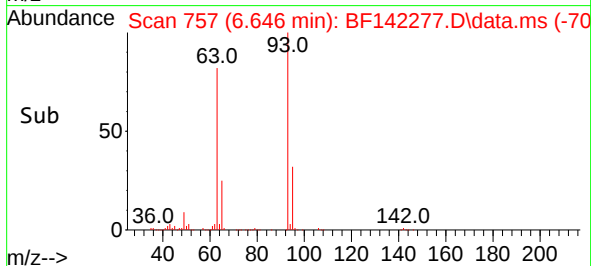
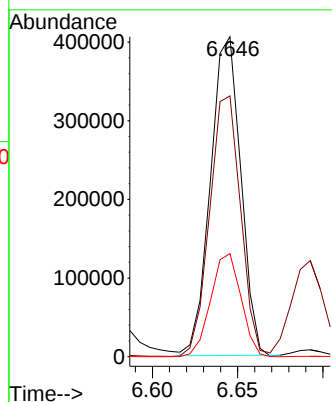
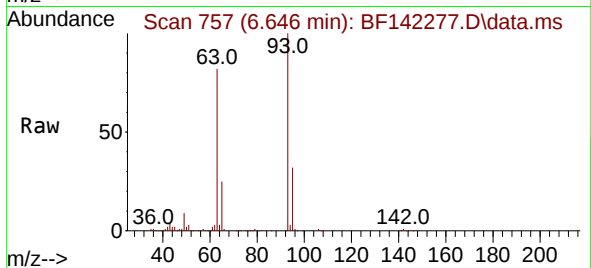
Tgt Ion: 93 Resp: 502092

Ion Ratio Lower Upper

93 100

63 81.5 62.2 102.2

95 32.2 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 32.873 ng

RT: 6.851 min Scan# 792

Delta R.T. 0.000 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

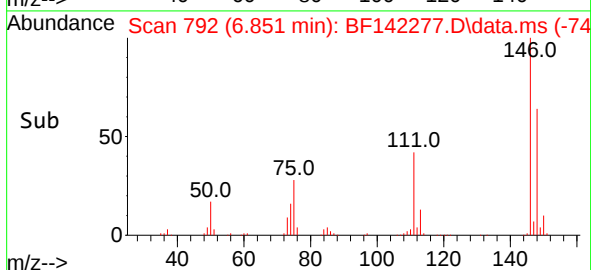
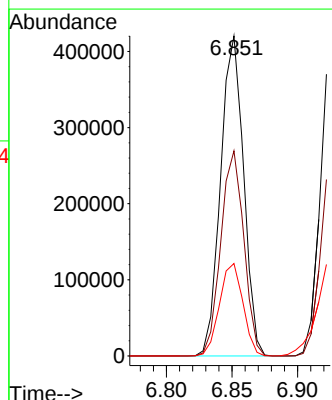
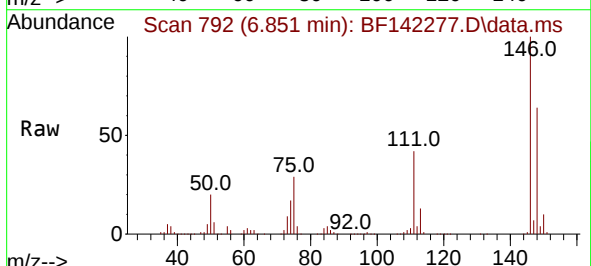
Tgt Ion: 146 Resp: 511679

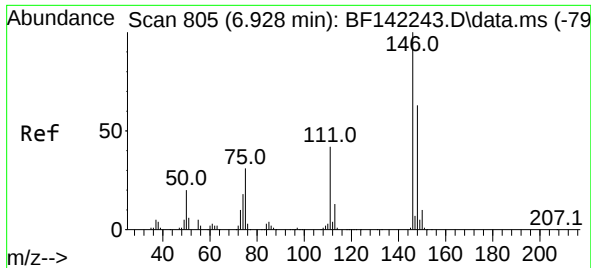
Ion Ratio Lower Upper

146 100

148 64.1 50.5 75.7

75 28.9 23.2 34.8

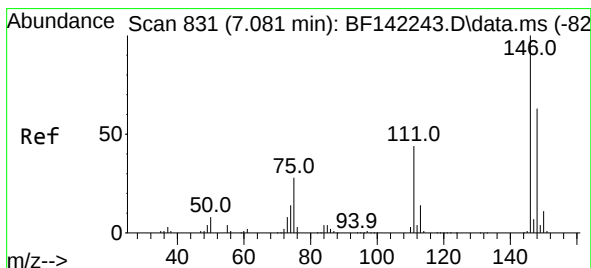
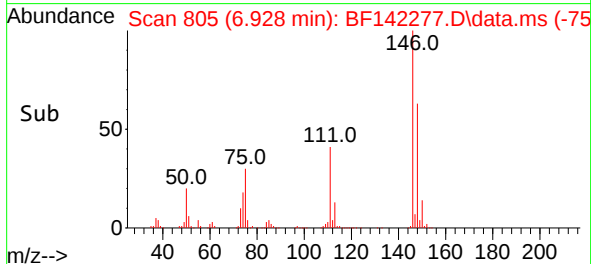
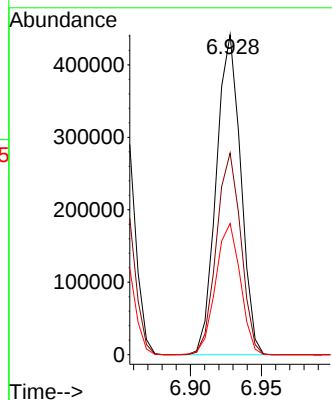
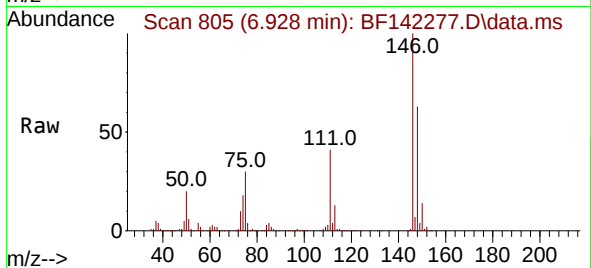




#13
1,4-Dichlorobenzene
Concen: 33.647 ng
RT: 6.928 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

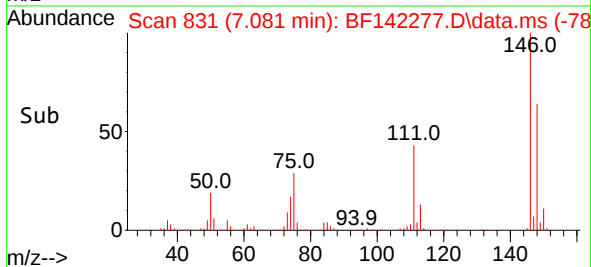
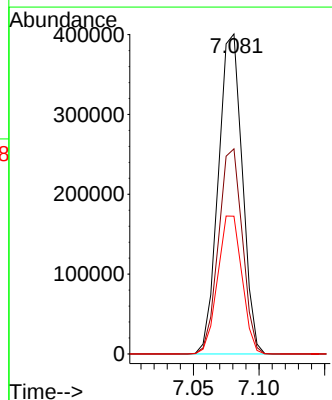
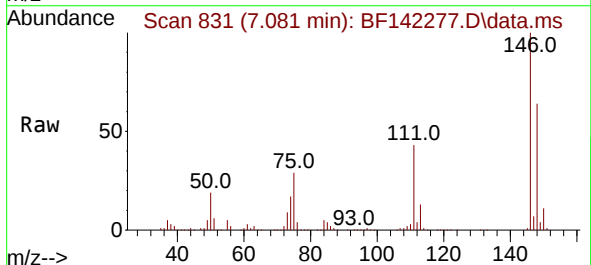
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

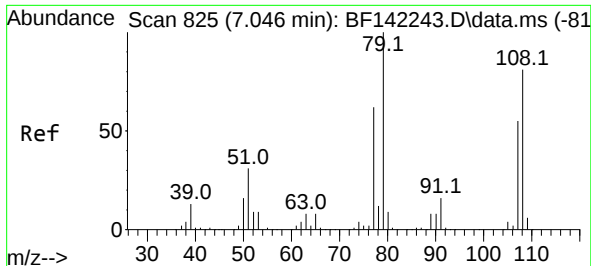
Tgt Ion:146 Resp: 527665
Ion Ratio Lower Upper
146 100
148 63.0 50.6 76.0
111 41.0 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 33.999 ng
RT: 7.081 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Tgt Ion:146 Resp: 509008
Ion Ratio Lower Upper
146 100
148 64.1 50.5 75.7
111 43.0 34.9 52.3



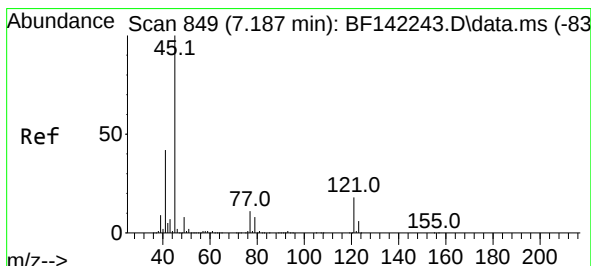
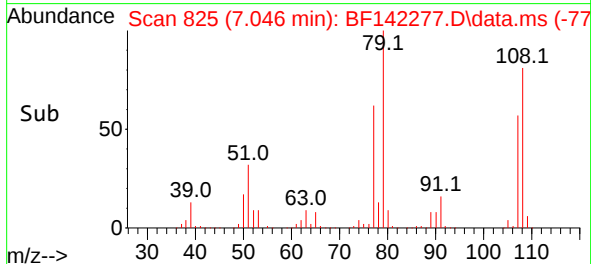
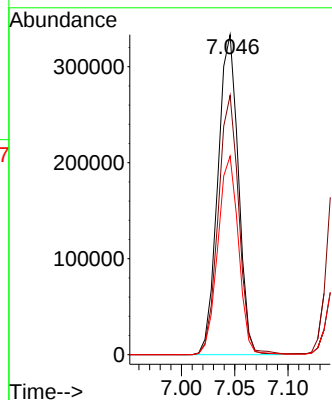
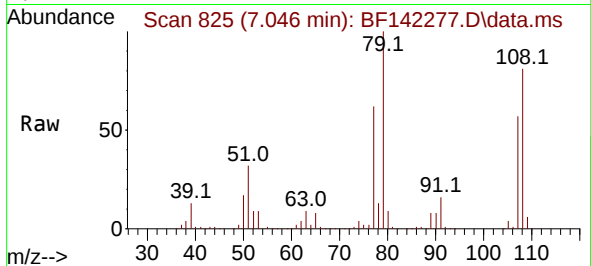


#15
Benzyl Alcohol
Concen: 39.044 ng
RT: 7.046 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

Tgt Ion: 79 Resp: 445258

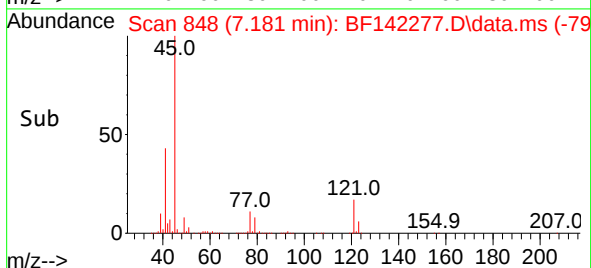
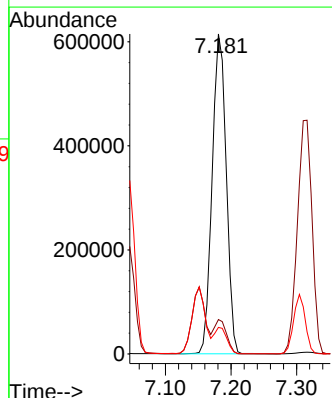
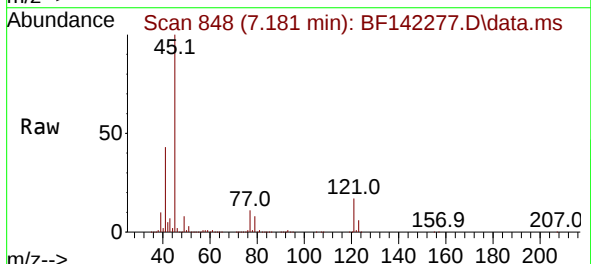
Ion	Ratio	Lower	Upper
79	100		
108	81.1	64.5	96.7
77	62.0	49.2	73.8

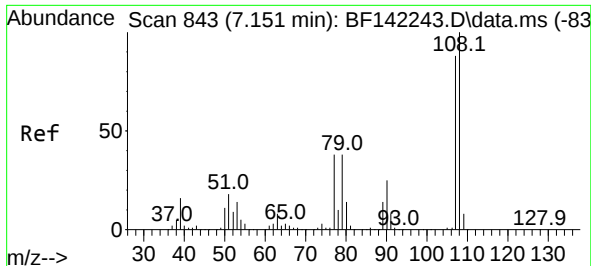


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.830 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Tgt Ion: 45 Resp: 916352

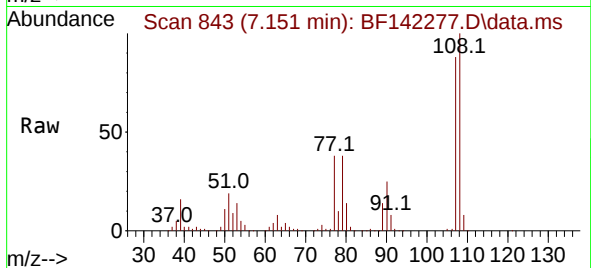
Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	31.3
79	8.3	0.0	28.5



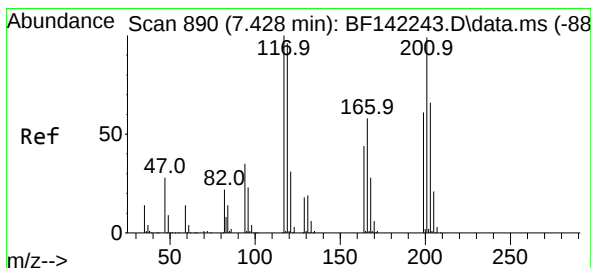
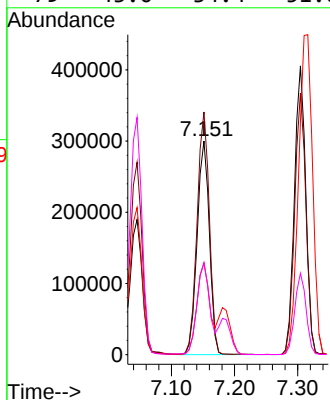
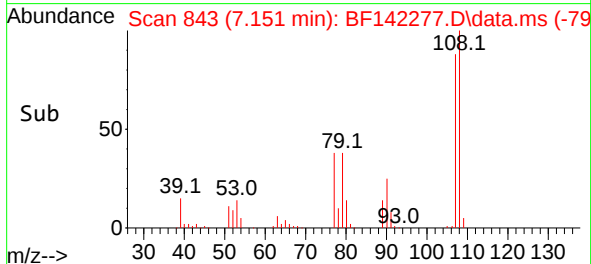


#17
2-Methylphenol
Concen: 35.777 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

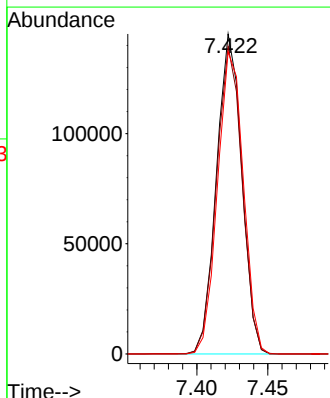
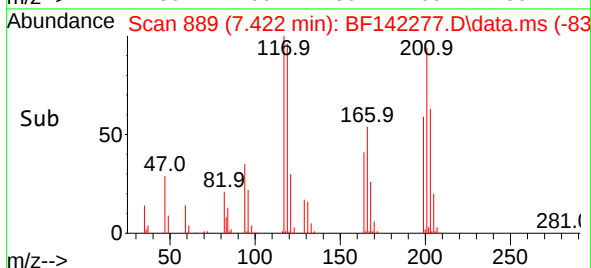
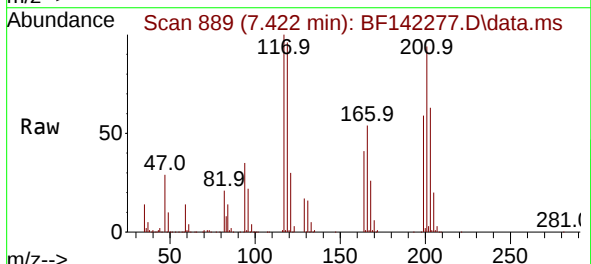


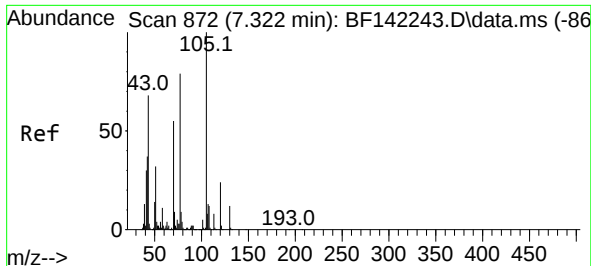
Tgt Ion:	107	Resp:	403260
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.0	136.4
77	43.0	34.4	51.6
79	43.0	34.4	51.6



#18
Hexachloroethane
Concen: 35.075 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Tgt Ion:	117	Resp:	180036
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.1	115.7
201	94.4	79.4	119.2

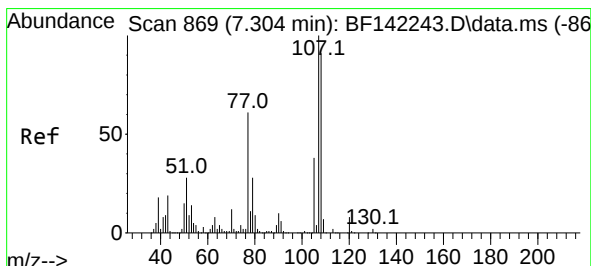
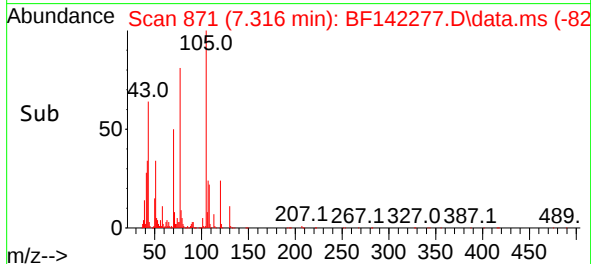
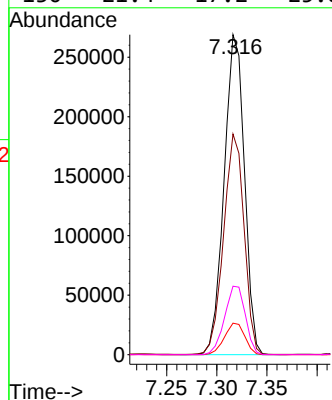
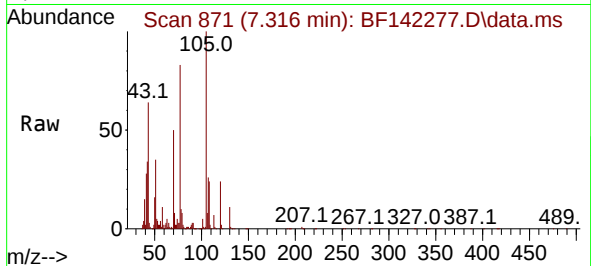




#19
n-Nitroso-di-n-propylamine
Concen: 38.168 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

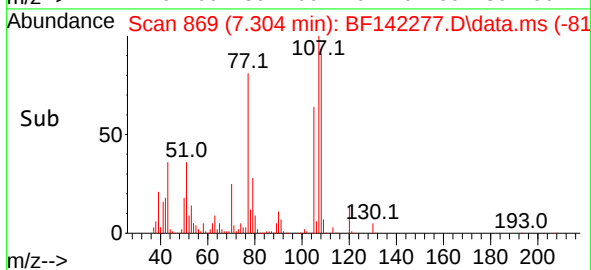
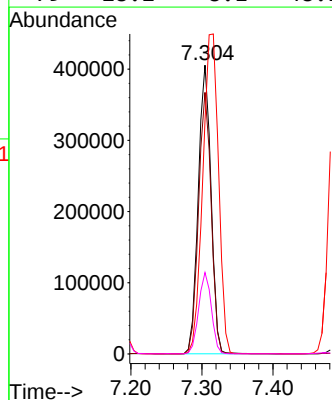
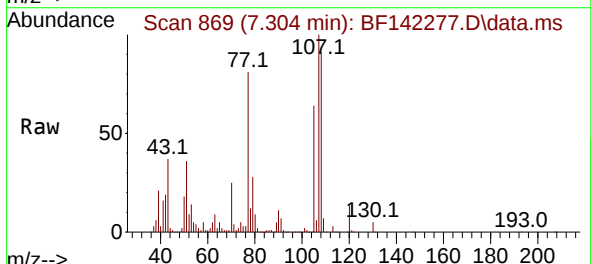
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

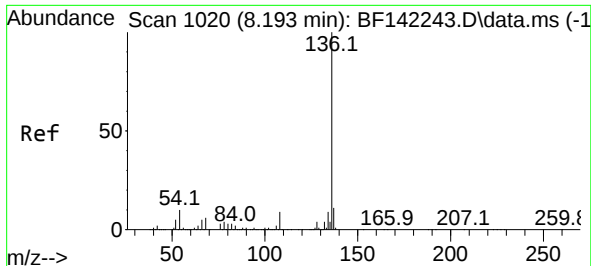
Tgt Ion: 70 Resp: 379242
Ion Ratio Lower Upper
70 100
42 69.0 53.4 80.2
101 9.9 7.7 11.5
130 21.4 17.2 25.8



#20
3+4-Methylphenols
Concen: 36.077 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Tgt Ion: 107 Resp: 508536
Ion Ratio Lower Upper
107 100
108 90.6 71.2 111.2
77 80.7 41.1 81.1
79 28.2 8.1 48.1



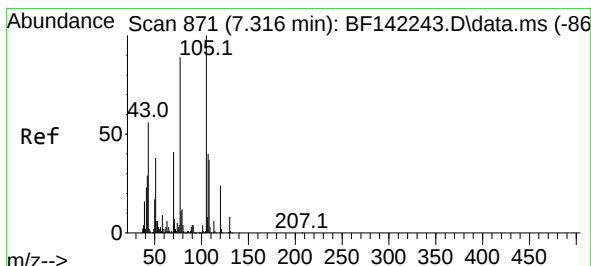
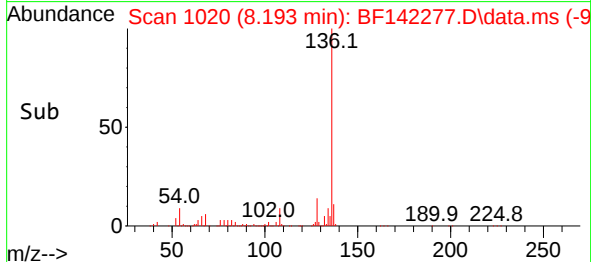
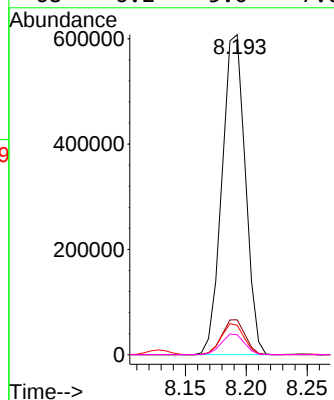
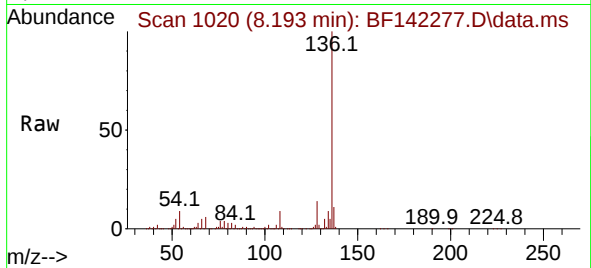


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.193 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

Tgt Ion:136 Resp: 808361

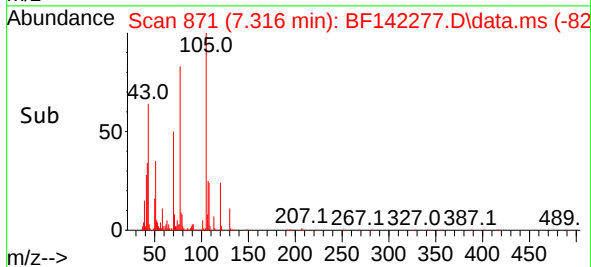
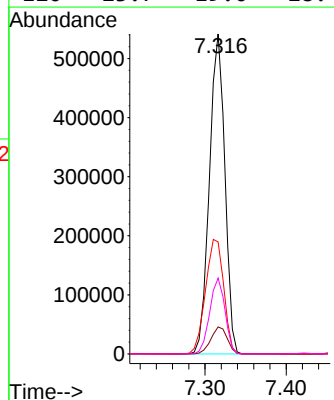
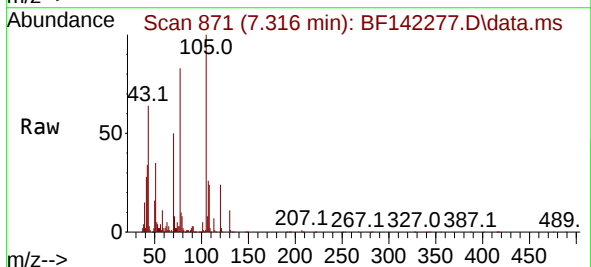
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.2	7.7	11.5
68	6.2	5.0	7.6

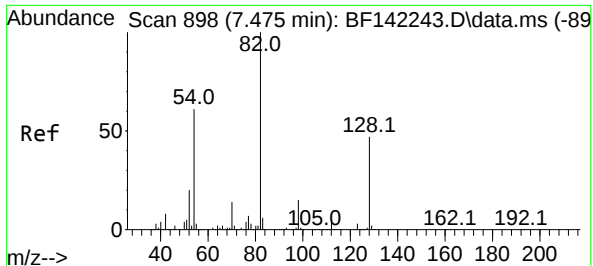


#22
Acetophenone
Concen: 38.195 ng
RT: 7.316 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Tgt Ion:105 Resp: 714285

Ion	Ratio	Lower	Upper
105	100		
71	8.5	5.7	8.5
51	35.0	30.1	45.1
120	23.7	19.0	28.4

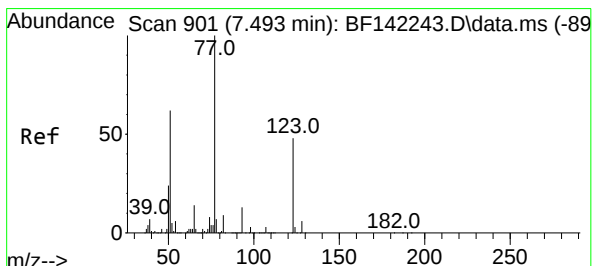
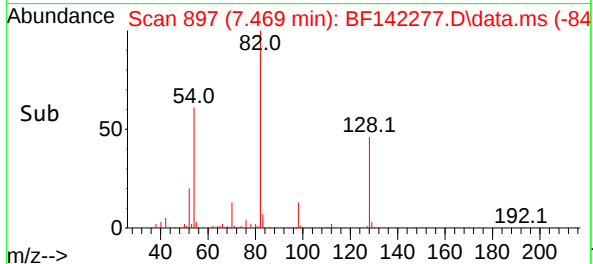
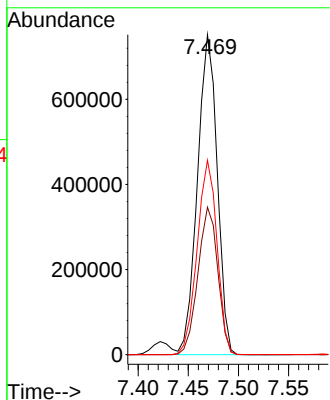
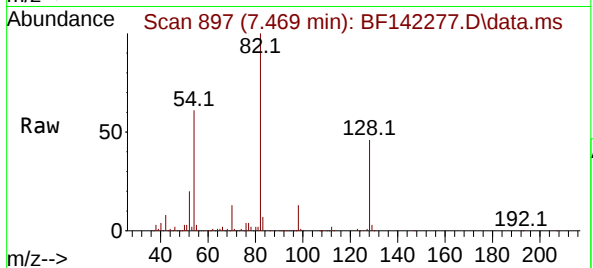




#23
Nitrobenzene-d5
Concen: 84.012 ng
RT: 7.469 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

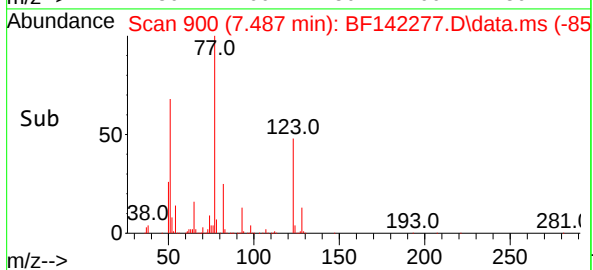
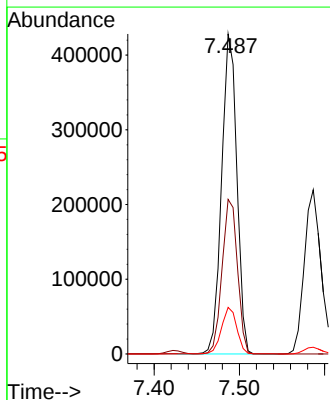
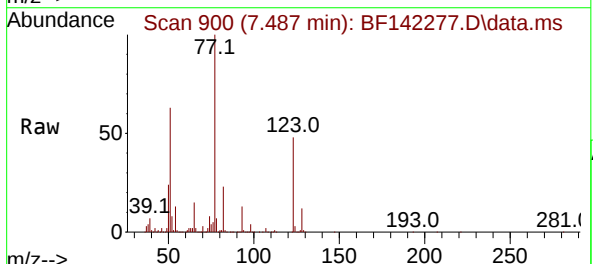
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

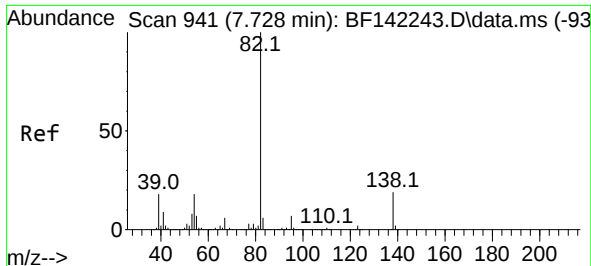
Tgt Ion: 82 Resp: 1033716
Ion Ratio Lower Upper
82 100
128 46.1 37.0 55.6
54 60.7 48.0 72.0



#24
Nitrobenzene
Concen: 44.068 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Tgt Ion: 77 Resp: 532026
Ion Ratio Lower Upper
77 100
123 48.3 38.6 58.0
65 14.6 11.5 17.3

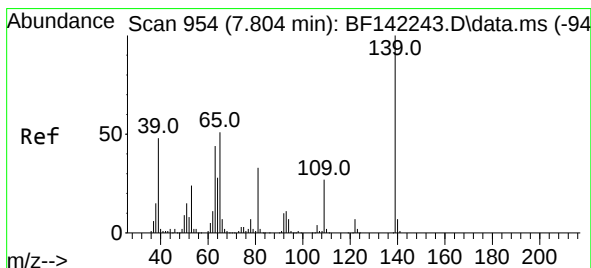
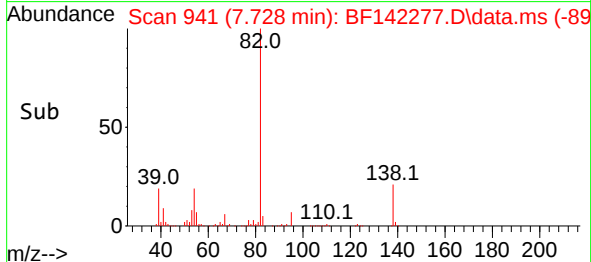
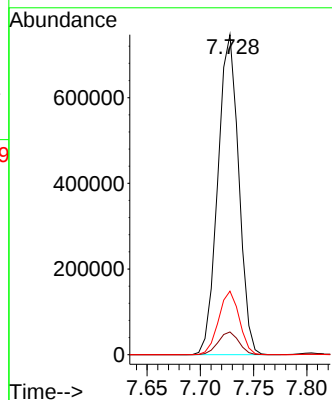
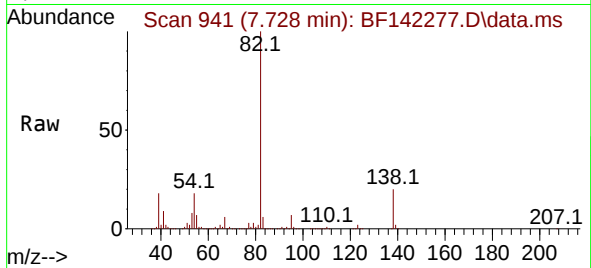




#25
Isophorone
Concen: 39.404 ng
RT: 7.728 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

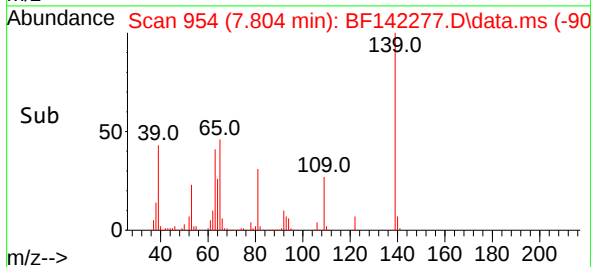
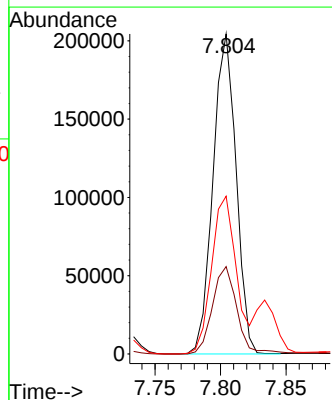
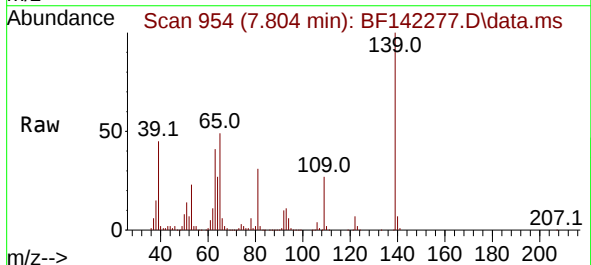
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

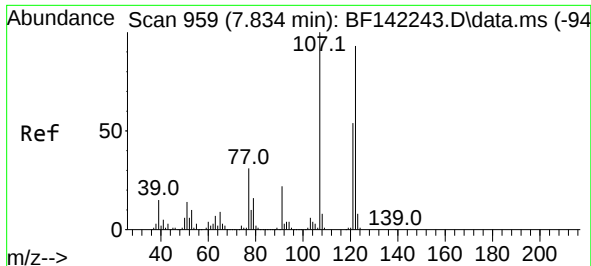
Tgt Ion: 82 Resp: 1017548
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.9 15.3 22.9



#26
2-Nitrophenol
Concen: 48.946 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Tgt Ion:139 Resp: 249952
Ion Ratio Lower Upper
139 100
109 27.3 21.8 32.8
65 49.3 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 35.787 ng

RT: 7.834 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

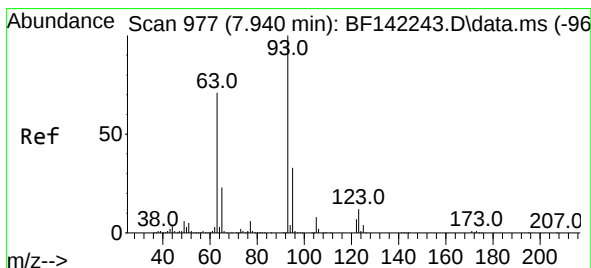
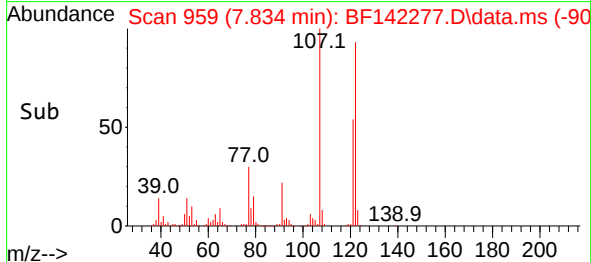
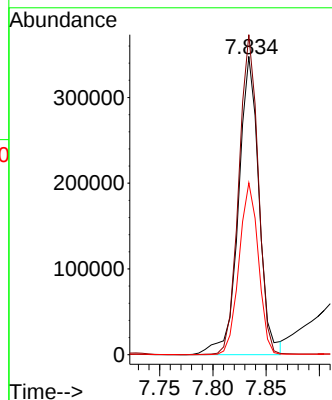
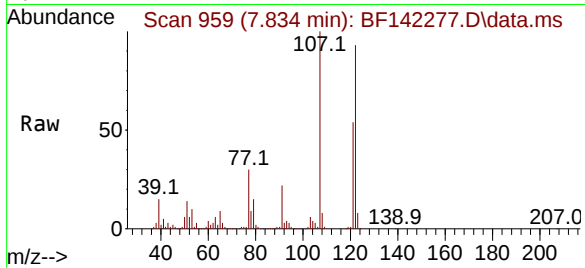
Tgt Ion:122 Resp: 465938

Ion Ratio Lower Upper

122 100

107 107.3 86.0 129.0

121 57.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 40.114 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

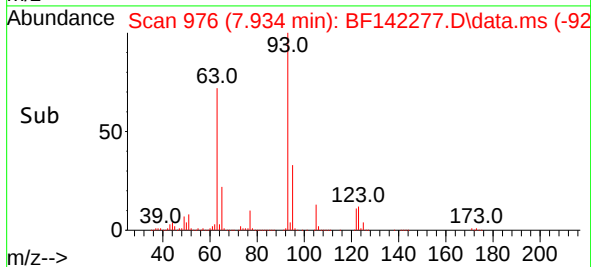
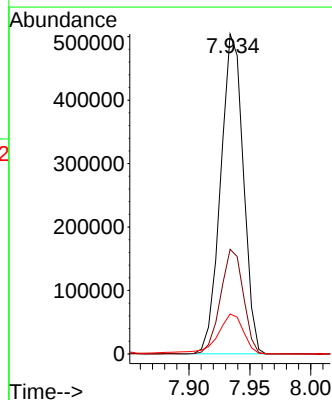
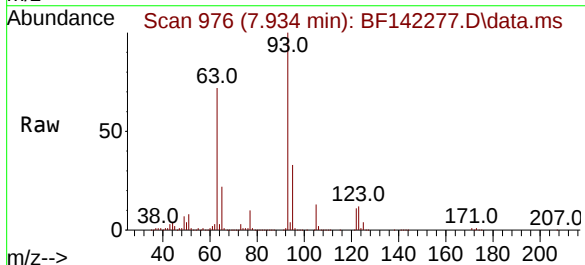
Tgt Ion: 93 Resp: 653302

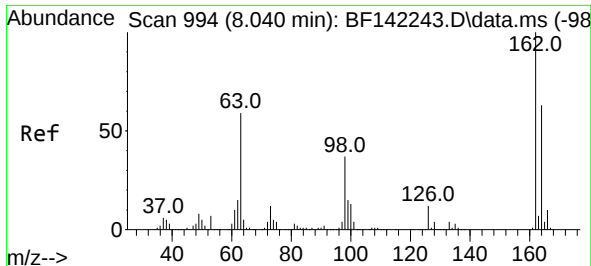
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 12.5 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 41.390 ng

RT: 8.040 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF142277.D

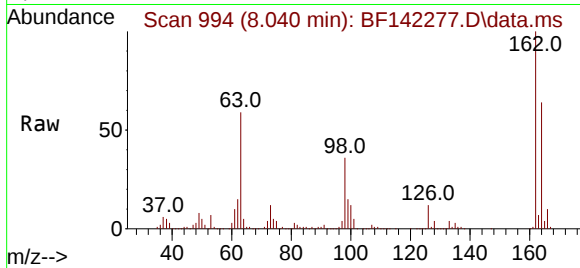
Acq: 02 May 2025 12:27

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS



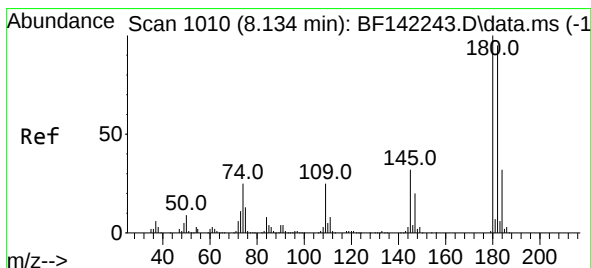
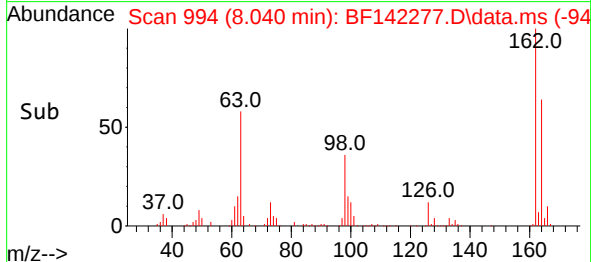
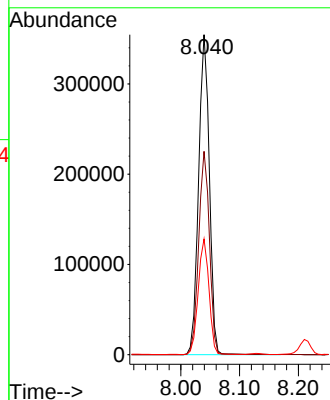
Tgt Ion:162 Resp: 450542

Ion Ratio Lower Upper

162 100

164 63.6 43.0 83.0

98 36.1 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 37.902 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

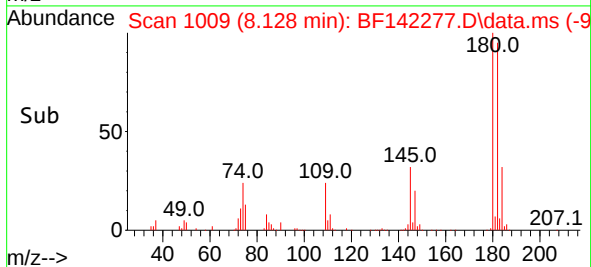
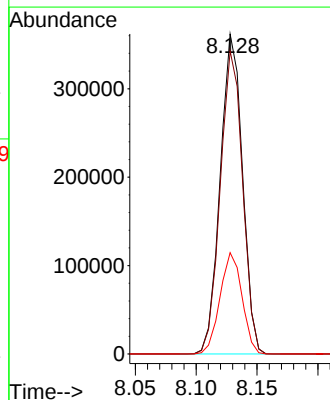
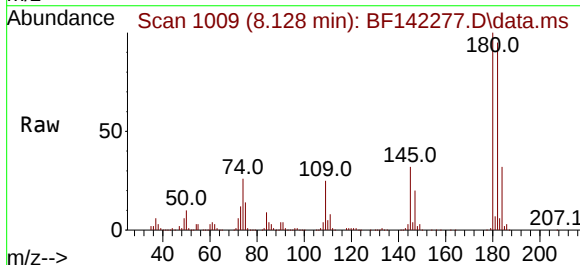
Tgt Ion:180 Resp: 460388

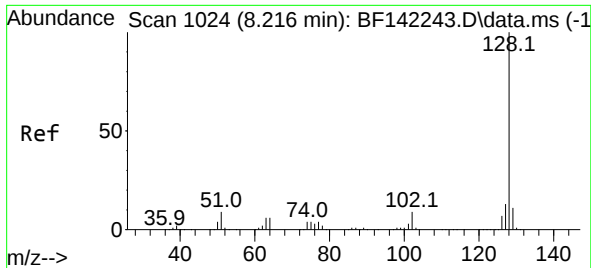
Ion Ratio Lower Upper

180 100

182 94.7 75.7 113.5

145 31.6 25.4 38.0

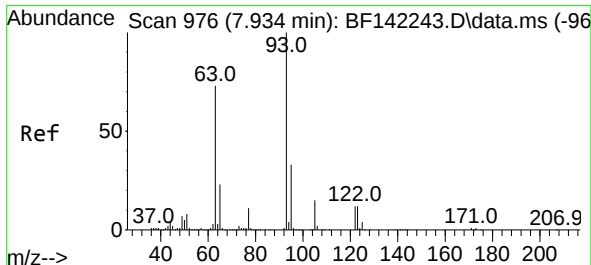
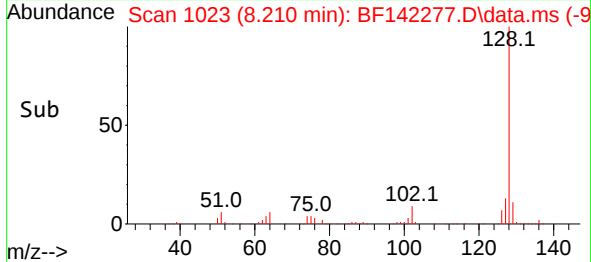
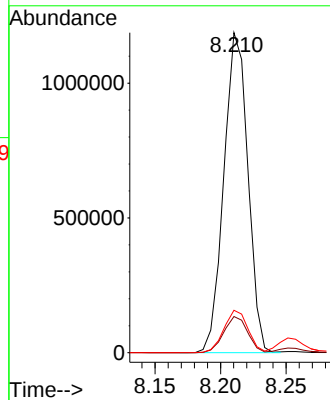
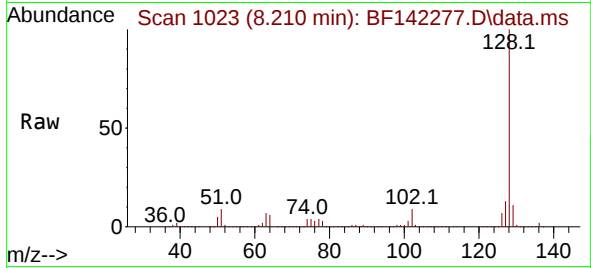




#31
Naphthalene
Concen: 37.582 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

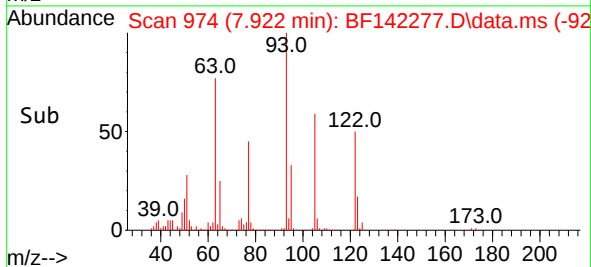
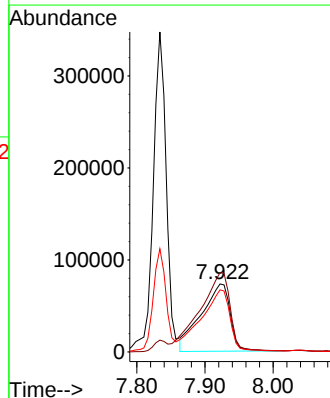
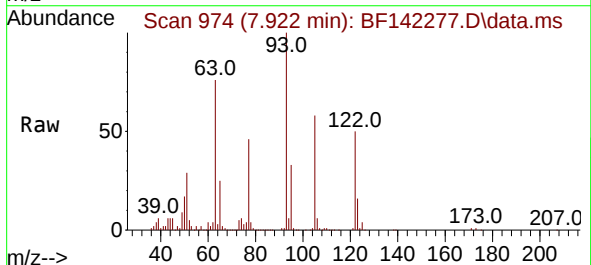
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

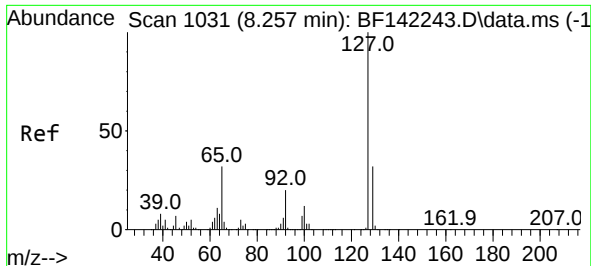
Tgt Ion:128 Resp: 1515067
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 37.981 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.012 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Tgt Ion:122 Resp: 217267
Ion Ratio Lower Upper
122 100
105 116.5 98.2 138.2
77 91.2 66.8 106.8

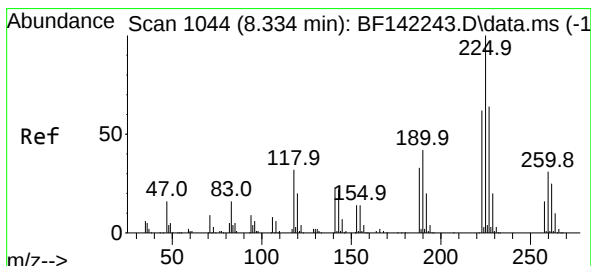
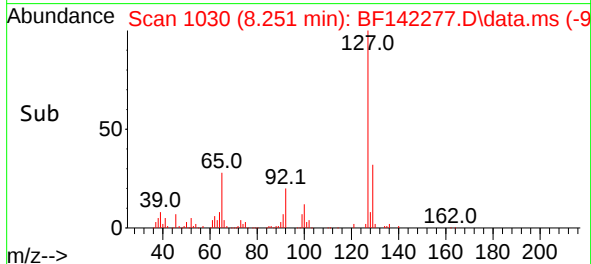
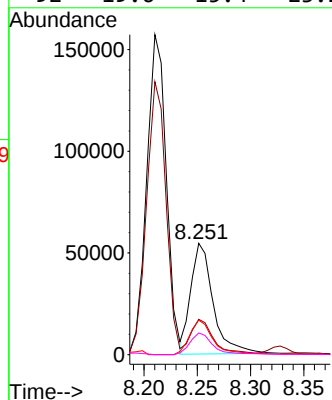
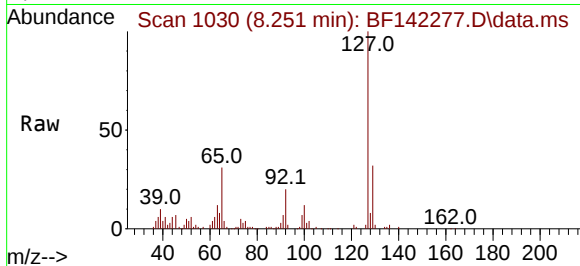




#33
4-Chloroaniline
Concen: 4.754 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

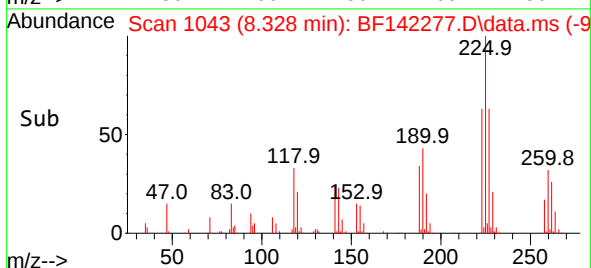
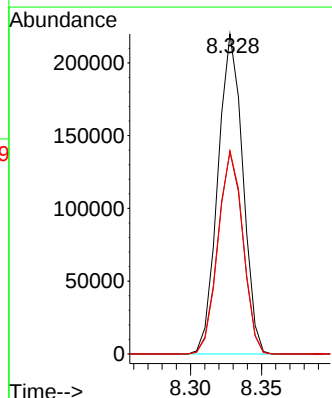
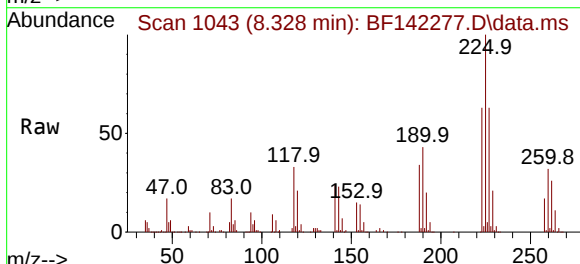
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

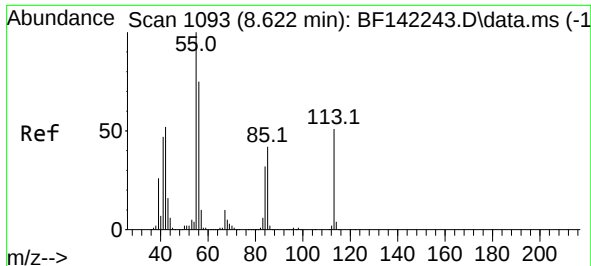
Tgt Ion:127	Resp:	79798
Ion	Ratio	Lower Upper
127	100	
129	31.7	26.1 39.1
65	31.0	25.5 38.3
92	19.6	15.4 23.2



#34
Hexachlorobutadiene
Concen: 37.794 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Tgt Ion:225	Resp:	267842
Ion	Ratio	Lower Upper
225	100	
223	63.2	49.7 74.5
227	63.5	51.0 76.4

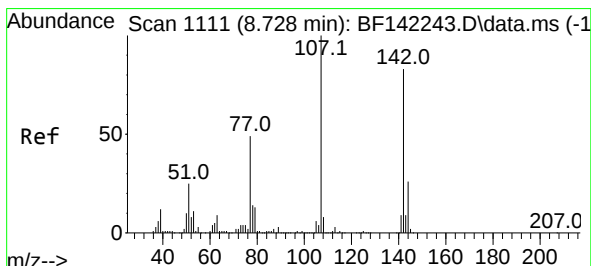
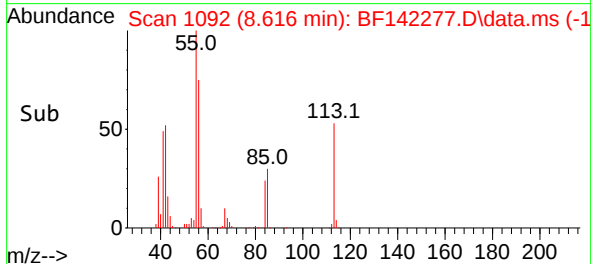
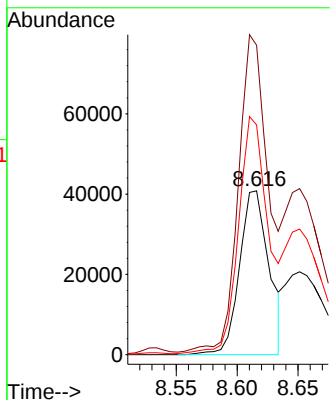
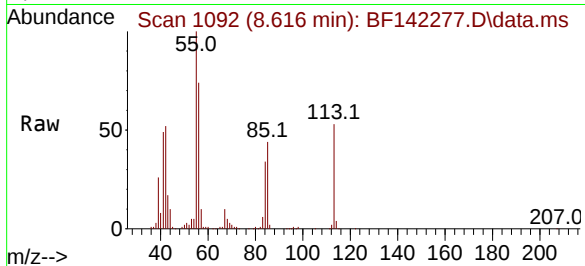




#35
 Caprolactam
 Concen: 20.999 ng
 RT: 8.616 min Scan# 1092
 Delta R.T. -0.006 min
 Lab File: BF142277.D
 Acq: 02 May 2025 12:27

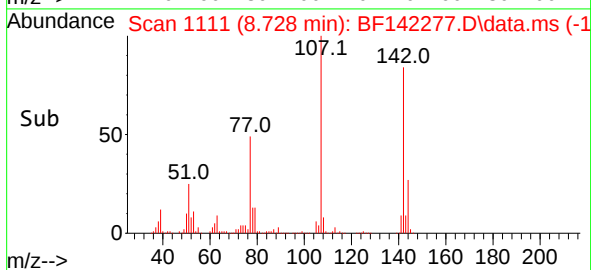
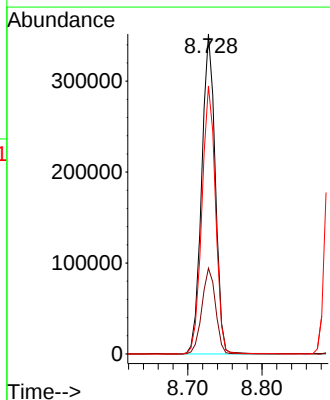
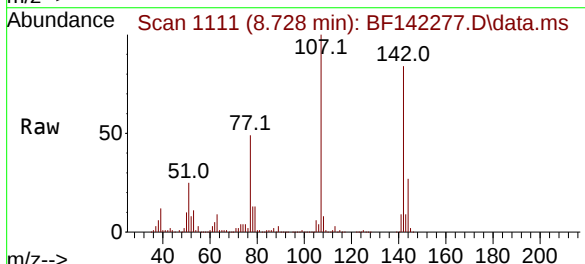
Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MS

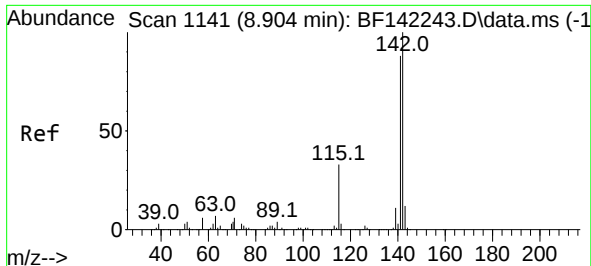
Tgt Ion:113 Resp: 68703
 Ion Ratio Lower Upper
 113 100
 55 188.8 177.7 217.7
 56 140.2 127.1 167.1



#36
 4-Chloro-3-methylphenol
 Concen: 40.260 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: BF142277.D
 Acq: 02 May 2025 12:27

Tgt Ion:107 Resp: 450003
 Ion Ratio Lower Upper
 107 100
 144 26.8 21.0 31.4
 142 83.8 66.1 99.1

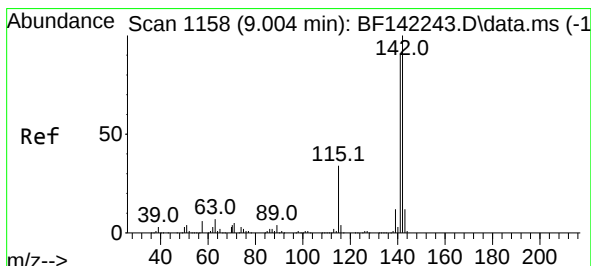
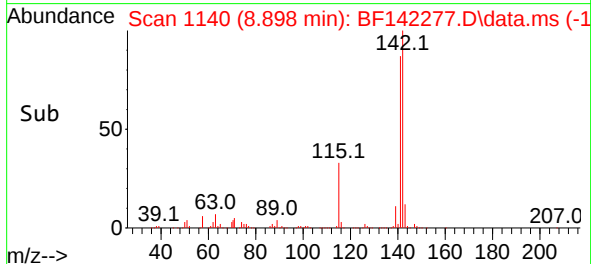
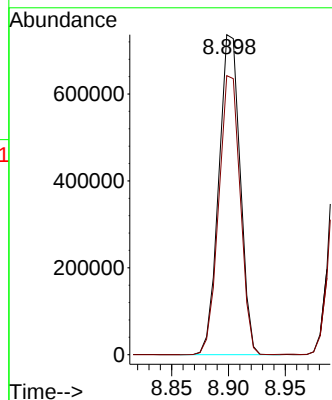
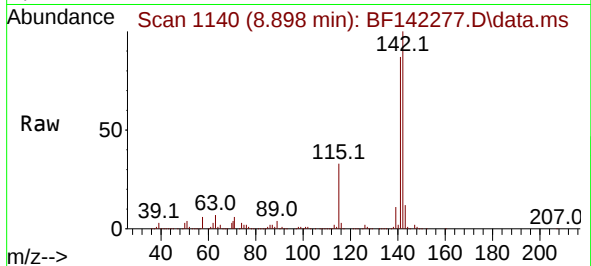




#37
2-Methylnaphthalene
Concen: 38.934 ng
RT: 8.898 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

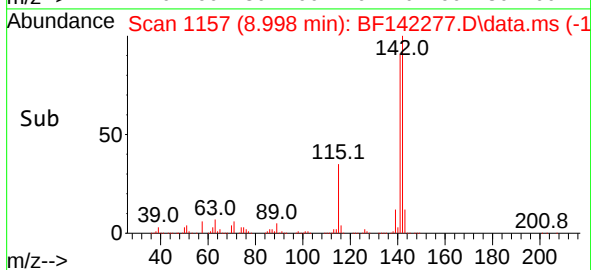
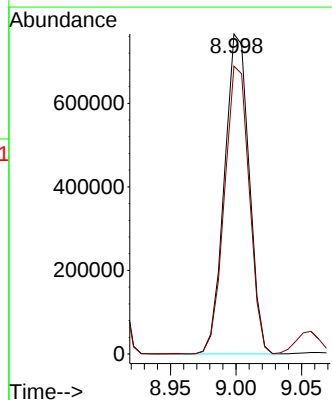
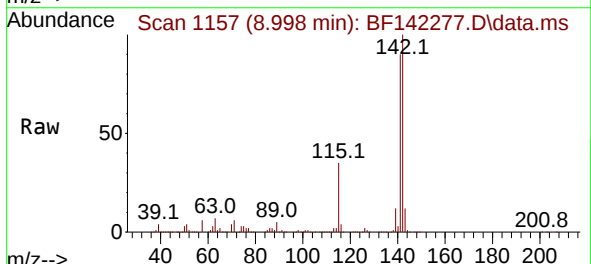
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

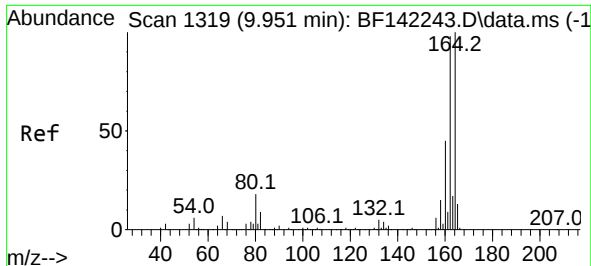
Tgt Ion:142 Resp: 965025
Ion Ratio Lower Upper
142 100
141 87.2 70.5 105.7



#38
1-Methylnaphthalene
Concen: 39.008 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Tgt Ion:142 Resp: 1001608
Ion Ratio Lower Upper
142 100
141 89.9 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

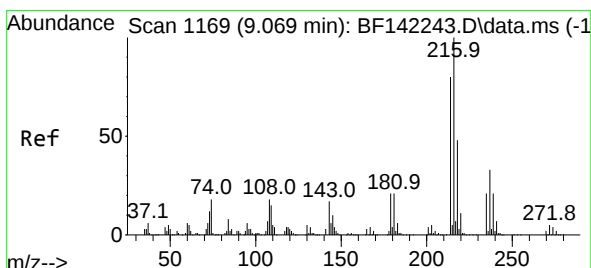
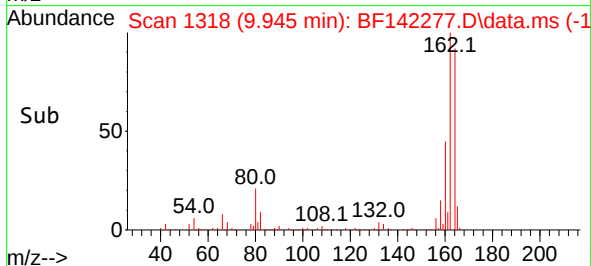
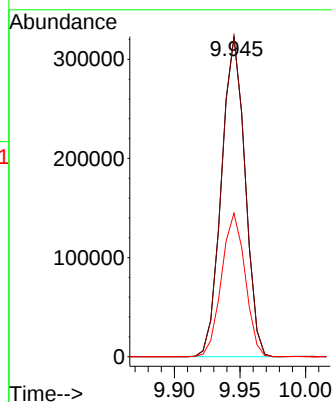
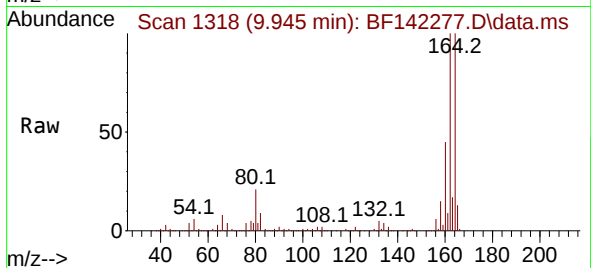
Tgt Ion:164 Resp: 402059

Ion Ratio Lower Upper

164 100

162 99.8 78.6 117.8

160 44.9 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.212 ng

RT: 9.069 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

Tgt Ion:216 Resp: 466320

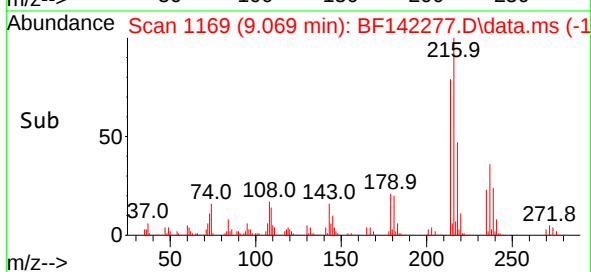
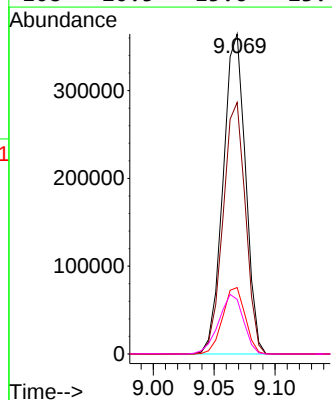
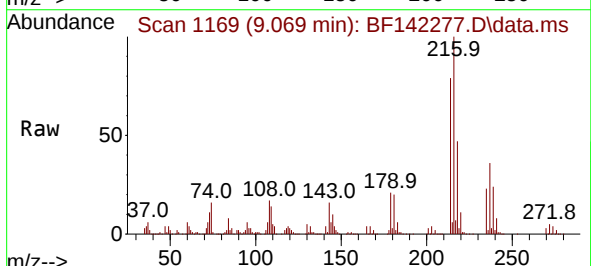
Ion Ratio Lower Upper

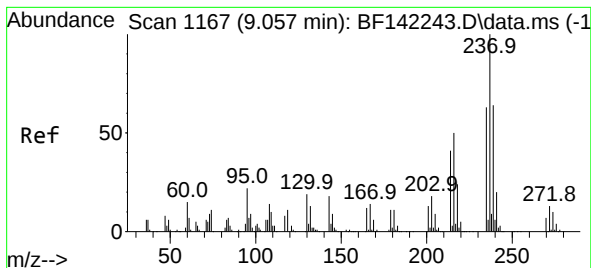
216 100

214 78.7 63.8 95.6

179 20.9 16.7 25.1

108 20.5 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 88.811 ng

RT: 9.057 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

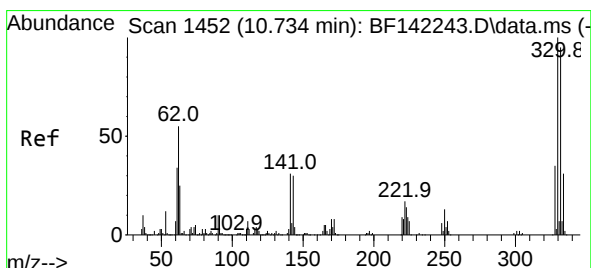
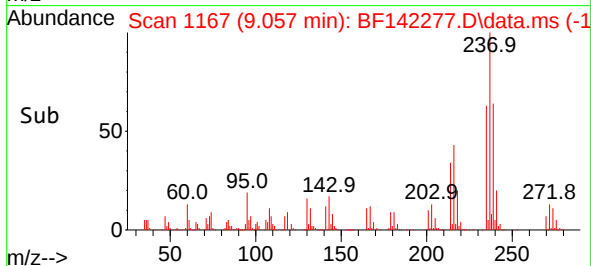
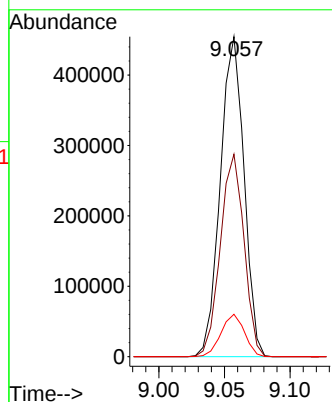
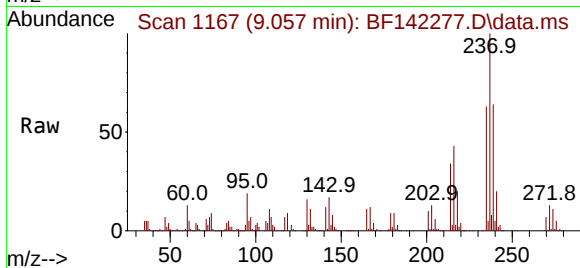
Tgt Ion:237 Resp: 570339

Ion Ratio Lower Upper

237 100

235 63.2 43.5 83.5

272 13.2 0.0 32.9



#42

2,4,6-Tribromophenol

Concen: 126.149 ng

RT: 10.734 min Scan# 1452

Delta R.T. 0.000 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

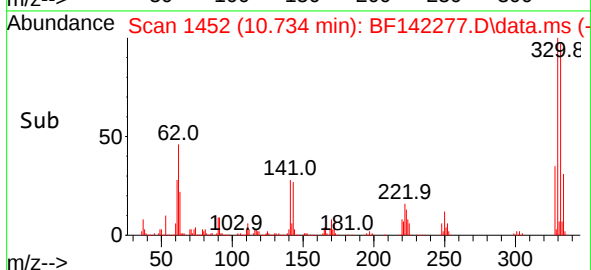
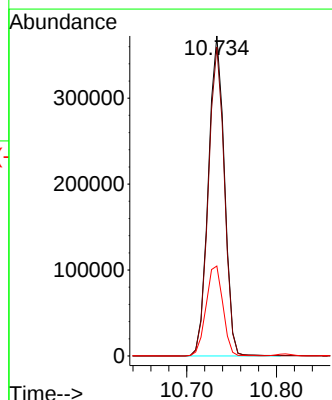
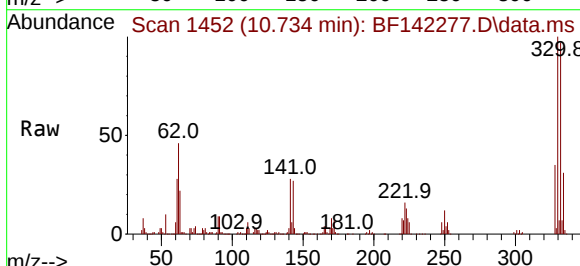
Tgt Ion:330 Resp: 462379

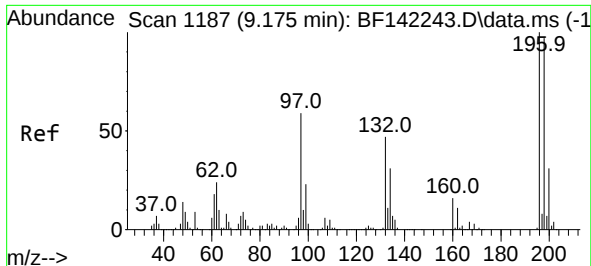
Ion Ratio Lower Upper

330 100

332 96.5 76.5 114.7

141 29.6 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 46.517 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

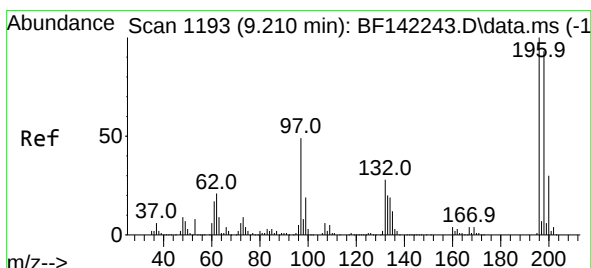
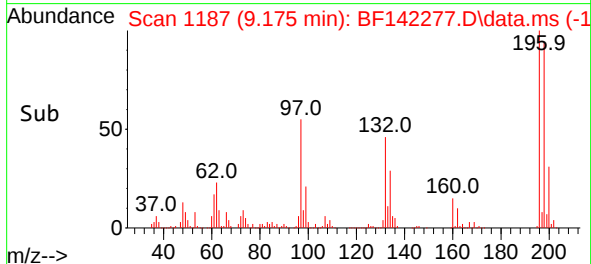
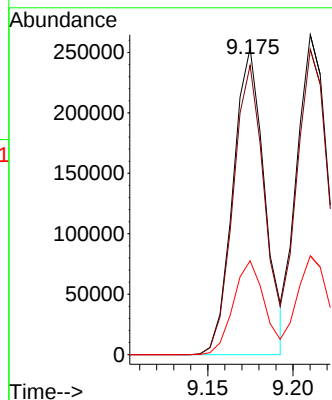
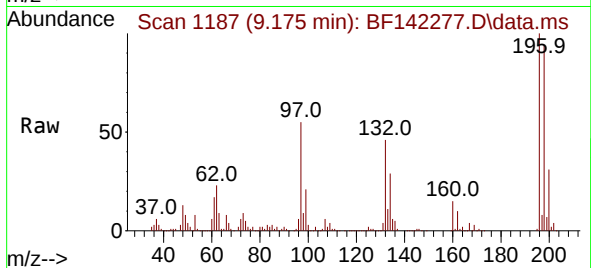
Tgt Ion:196 Resp: 326161

Ion Ratio Lower Upper

196 100

198 94.4 77.4 116.2

200 30.6 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 45.616 ng

RT: 9.210 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

Tgt Ion:196 Resp: 336279

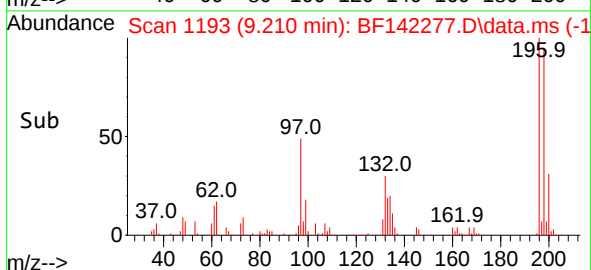
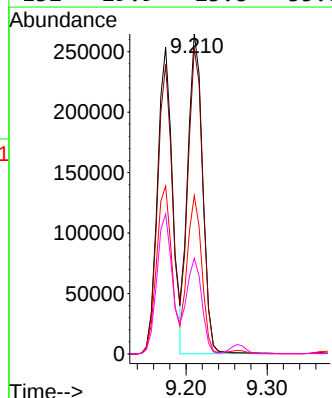
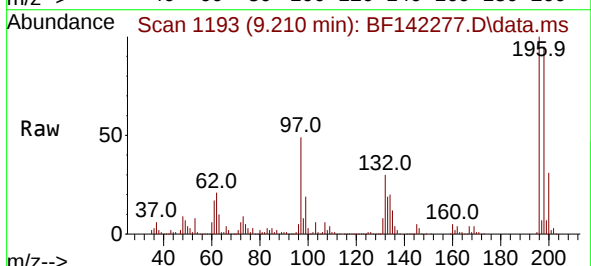
Ion Ratio Lower Upper

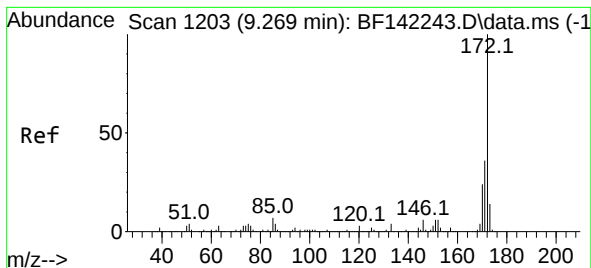
196 100

198 95.4 75.2 112.8

97 49.4 39.8 59.8

132 29.9 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 70.728 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

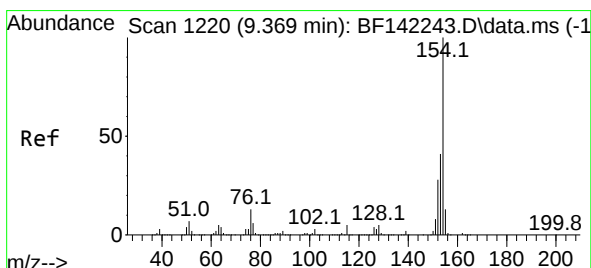
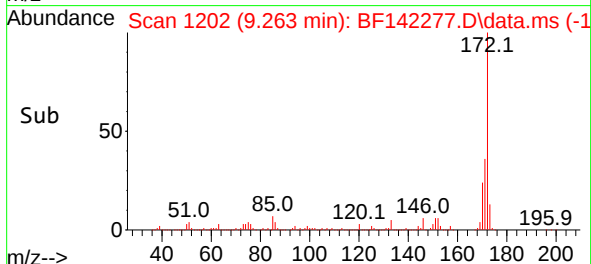
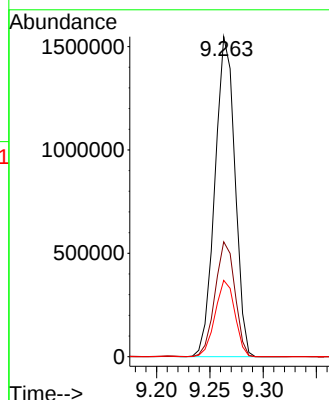
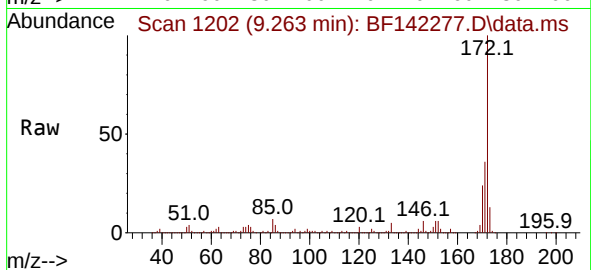
Tgt Ion:172 Resp: 2016863

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.4

170 23.8 19.4 29.0



#46

1,1'-Biphenyl

Concen: 41.337 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

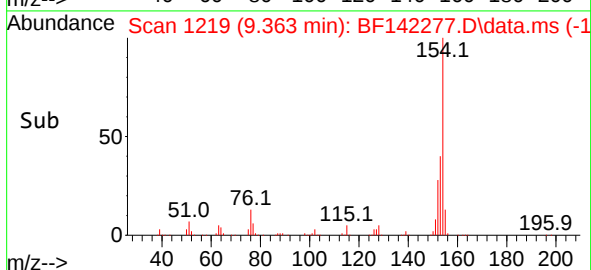
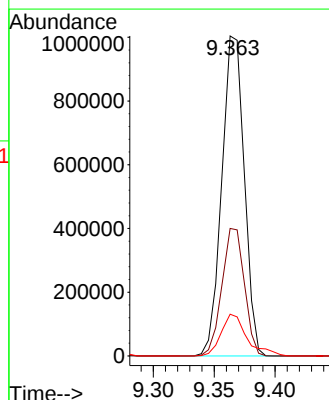
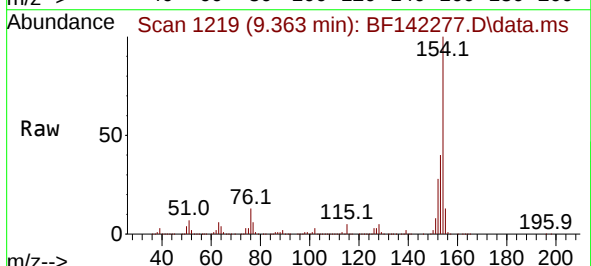
Tgt Ion:154 Resp: 1292053

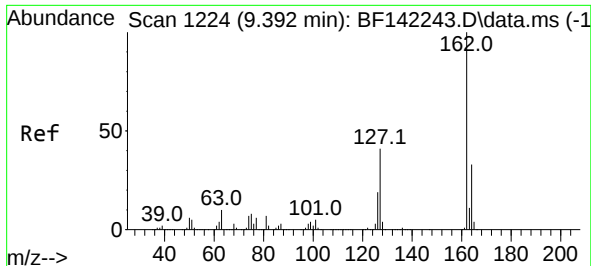
Ion Ratio Lower Upper

154 100

153 39.8 20.5 60.5

76 13.1 0.0 32.8

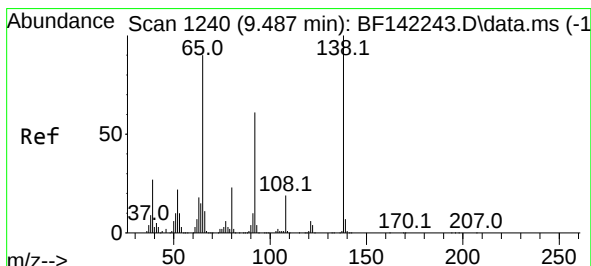
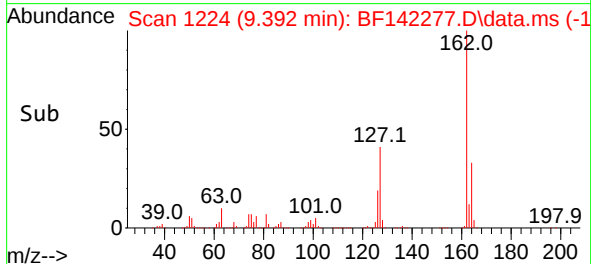
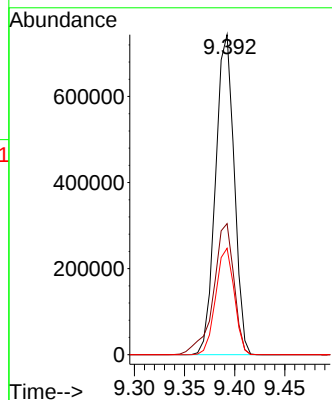
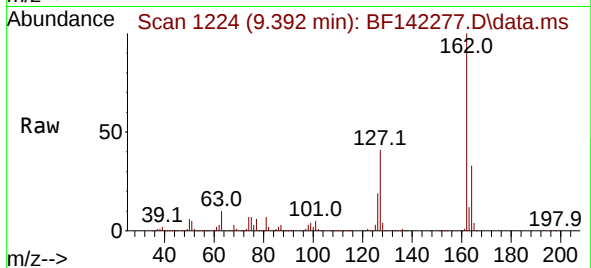




#47
2-Chloronaphthalene
Concen: 41.296 ng
RT: 9.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

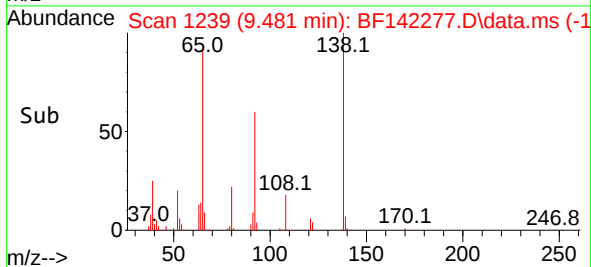
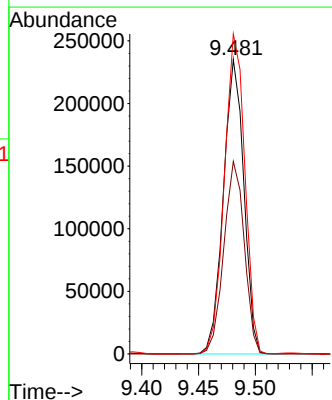
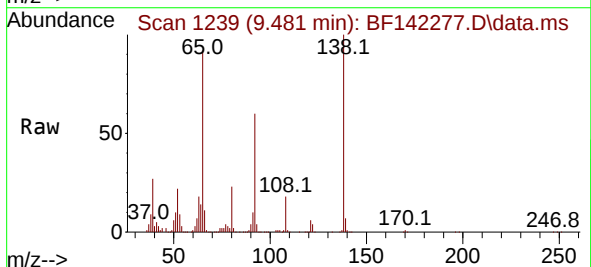
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

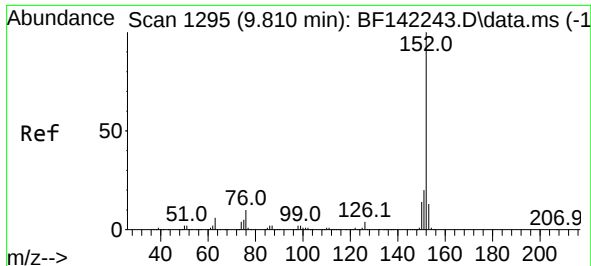
Tgt Ion:162 Resp: 960343
Ion Ratio Lower Upper
162 100
127 40.9 32.6 49.0
164 33.3 26.1 39.1



#48
2-Nitroaniline
Concen: 48.035 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Tgt Ion: 65 Resp: 294596
Ion Ratio Lower Upper
65 100
92 65.4 54.3 81.5
138 108.7 88.6 133.0





#49

Acenaphthylene

Concen: 40.923 ng

RT: 9.810 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

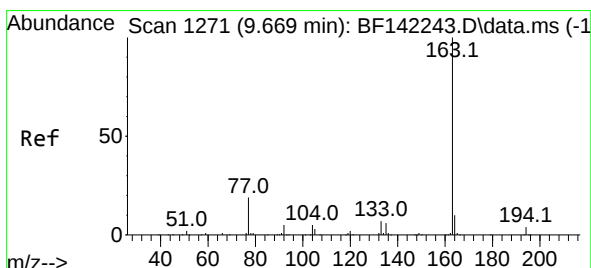
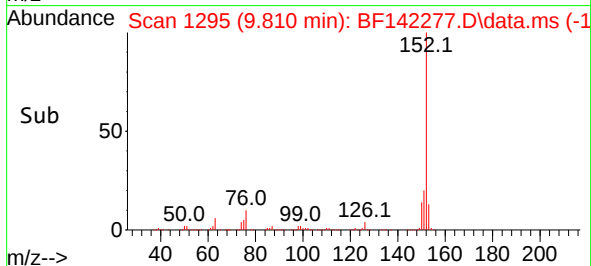
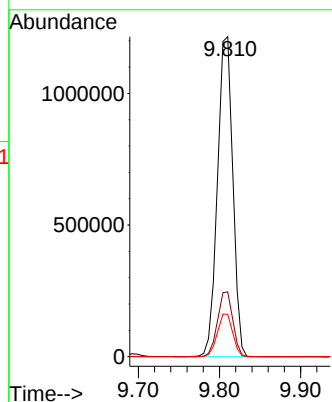
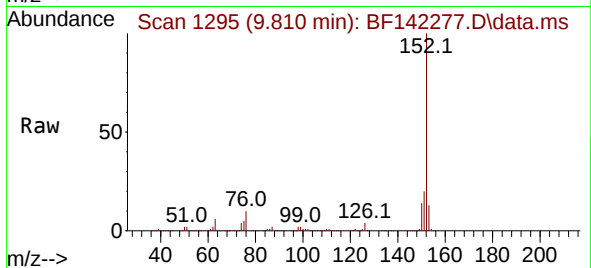
Tgt Ion:152 Resp: 1605889

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 13.3 10.7 16.1



#50

Dimethylphthalate

Concen: 42.957 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

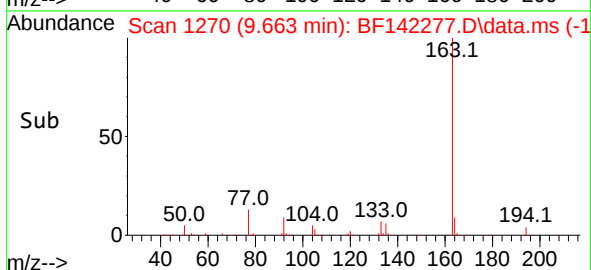
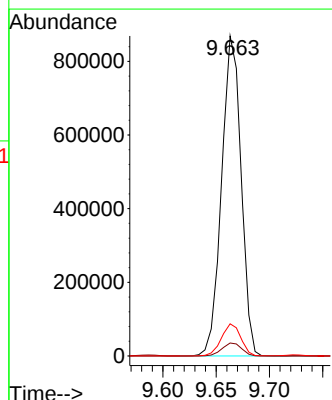
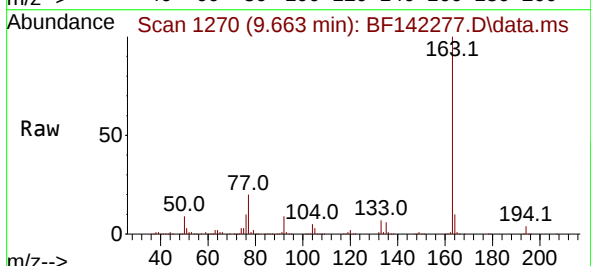
Tgt Ion:163 Resp: 1104923

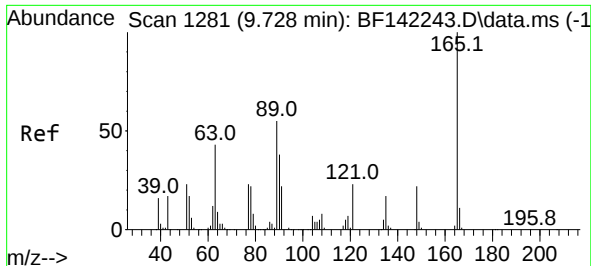
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.0 8.2 12.2

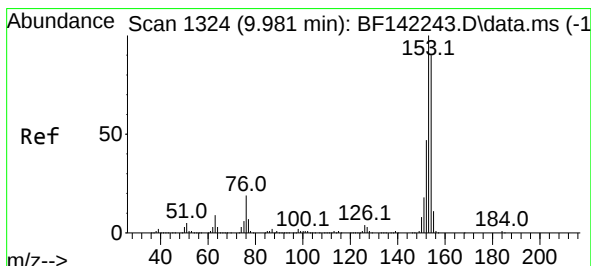
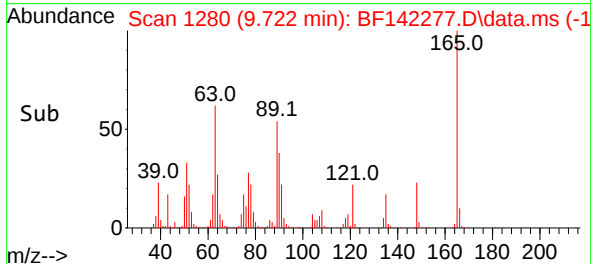
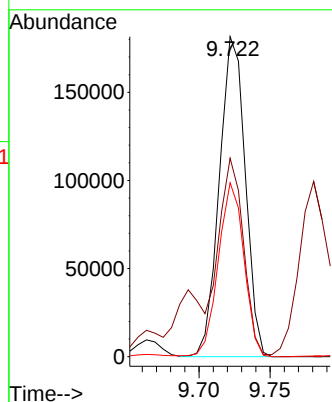
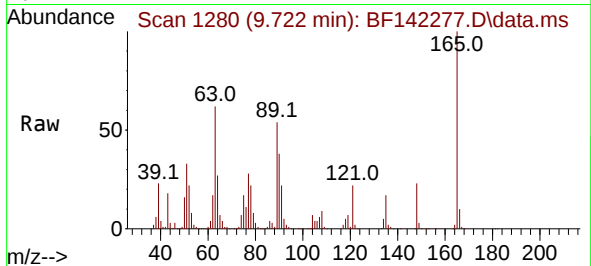




#51
2,6-Dinitrotoluene
Concen: 46.839 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

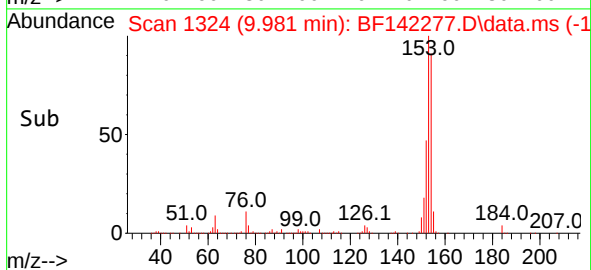
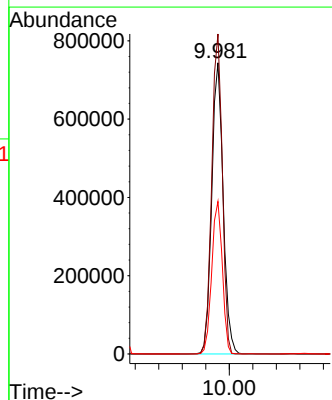
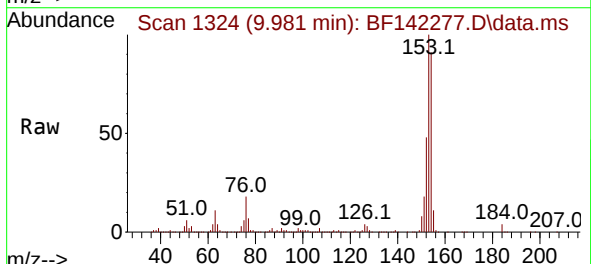
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

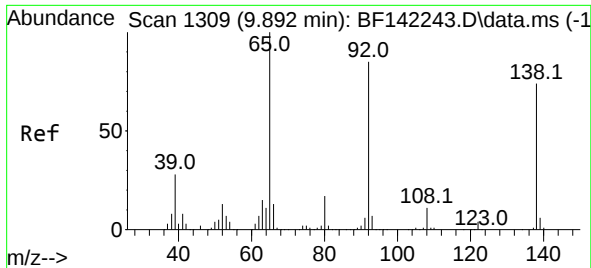
Tgt Ion:165 Resp: 230556
Ion Ratio Lower Upper
165 100
63 62.0 48.5 72.7
89 54.3 43.9 65.9



#52
Acenaphthene
Concen: 43.682 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Tgt Ion:154 Resp: 1000886
Ion Ratio Lower Upper
154 100
153 109.9 88.6 133.0
152 52.4 42.1 63.1

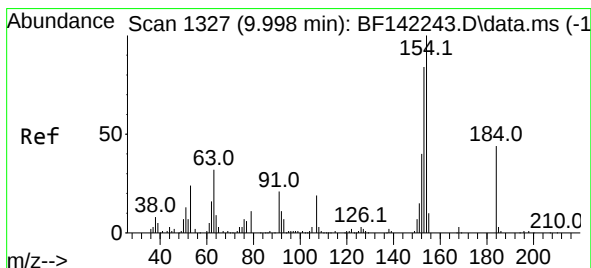
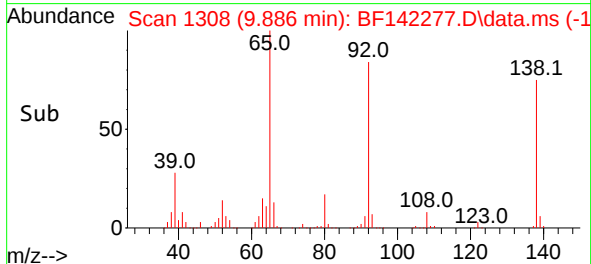
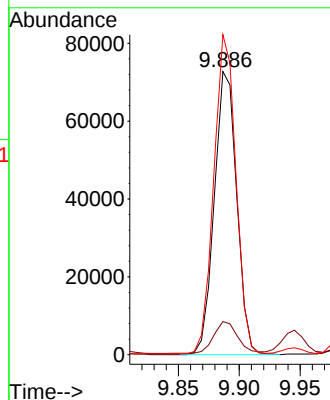
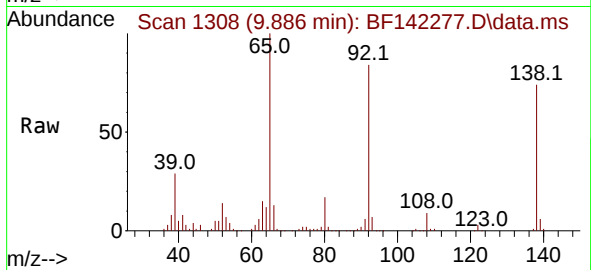




#53
3-Nitroaniline
Concen: 17.726 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

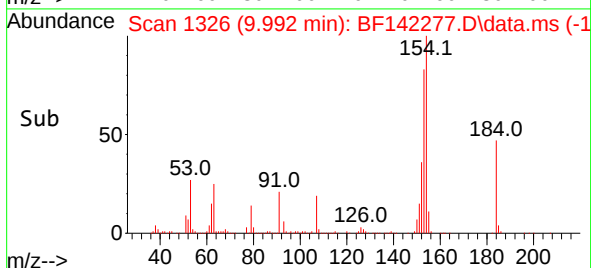
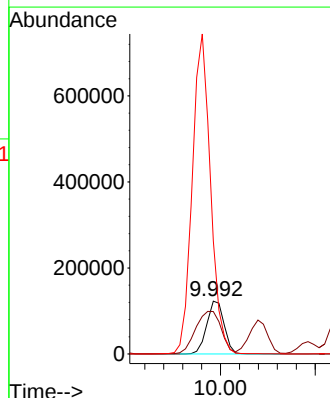
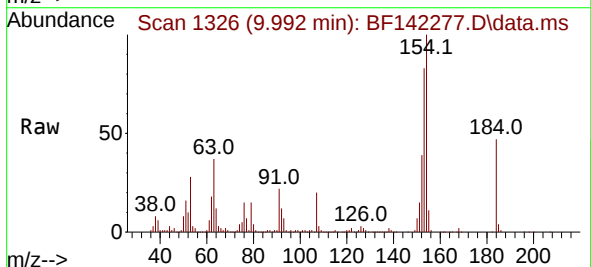
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

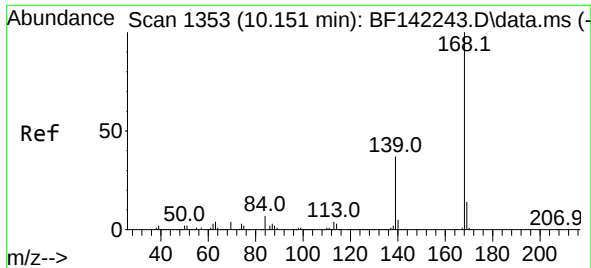
Tgt Ion:138 Resp: 93454
Ion Ratio Lower Upper
138 100
108 11.7 11.7 17.5
92 113.0 91.2 136.8



#54
2,4-Dinitrophenol
Concen: 86.643 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Tgt Ion:184 Resp: 156192
Ion Ratio Lower Upper
184 100
63 80.1 69.2 103.8
154 214.0 271.4 407.2#

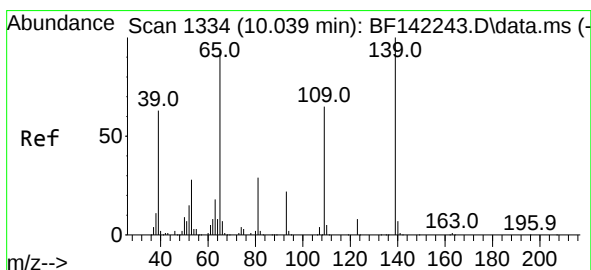
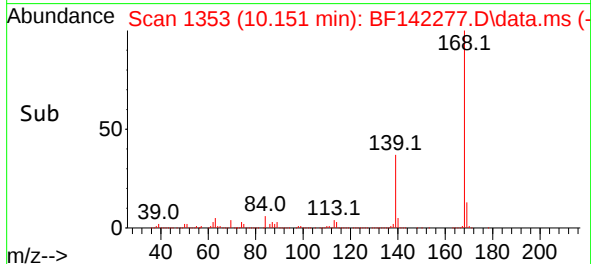
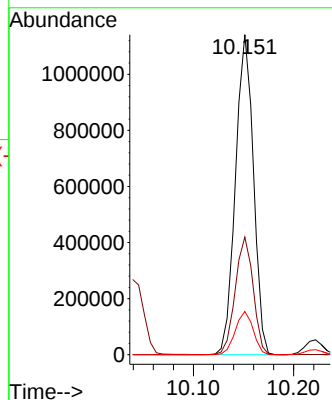
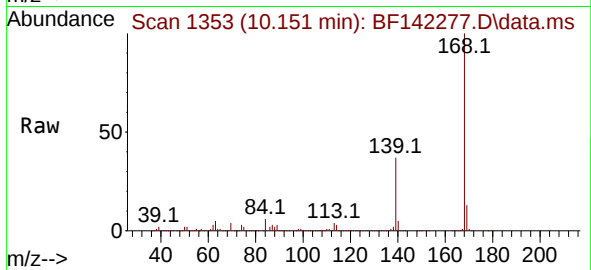




#55
Dibenzofuran
Concen: 41.350 ng
RT: 10.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

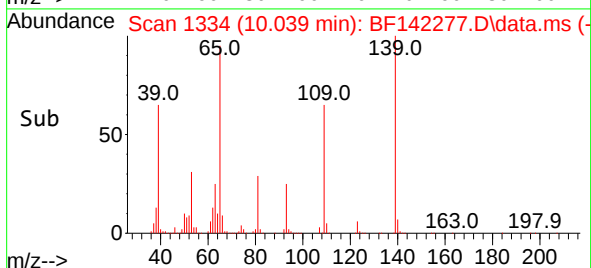
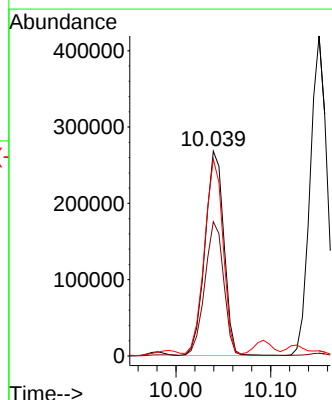
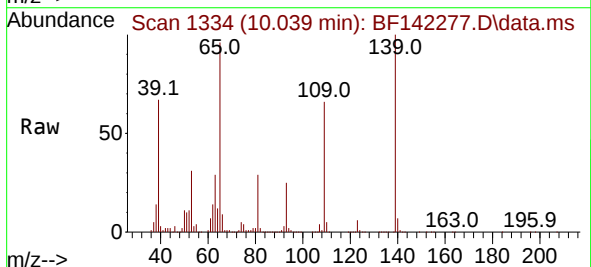
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

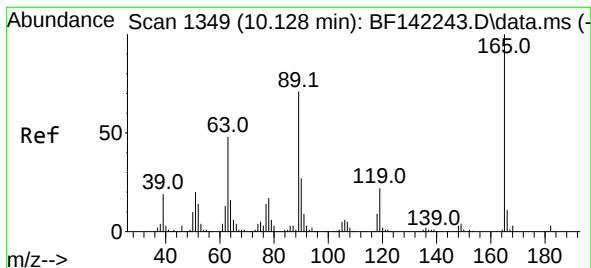
Tgt Ion:168 Resp: 1420255
Ion Ratio Lower Upper
168 100
139 36.7 29.4 44.0
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 91.443 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Tgt Ion:139 Resp: 369705
Ion Ratio Lower Upper
139 100
109 65.6 44.9 84.9
65 96.2 74.7 114.7

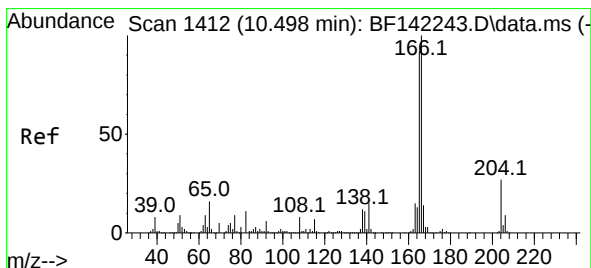
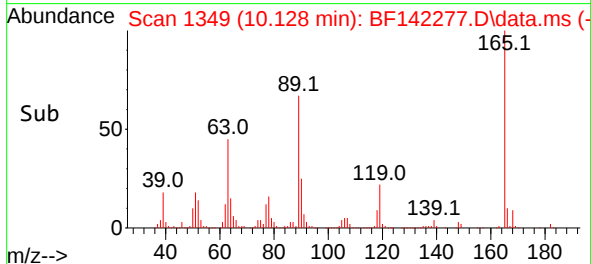
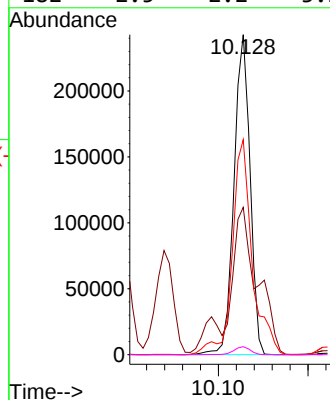
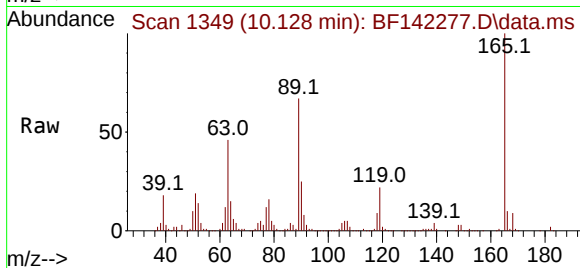




#57
2,4-Dinitrotoluene
Concen: 50.164 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

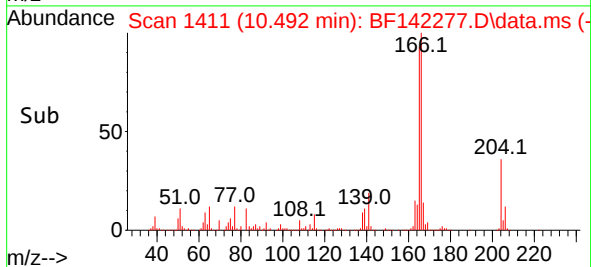
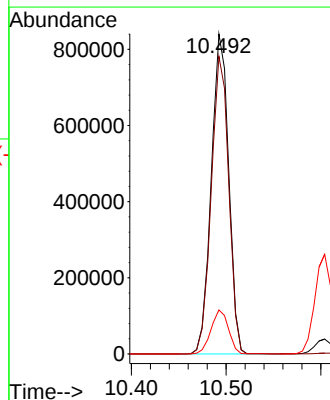
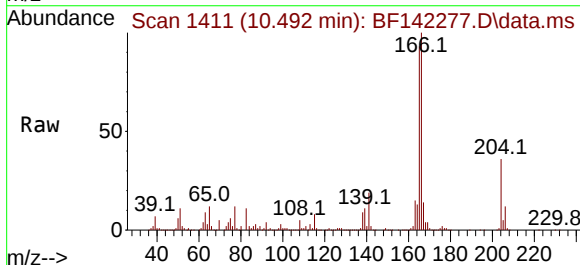
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

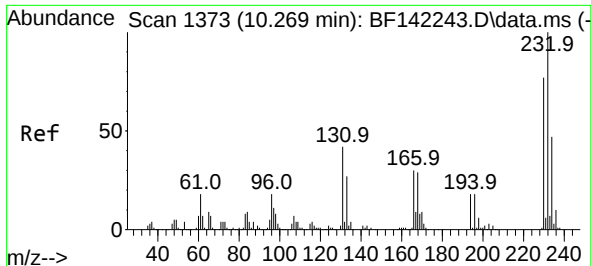
Tgt Ion:165 Resp: 301103
Ion Ratio Lower Upper
165 100
63 46.0 38.8 58.2
89 67.2 57.1 85.7
182 2.5 2.2 3.2



#58
Fluorene
Concen: 41.007 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Tgt Ion:166 Resp: 1070926
Ion Ratio Lower Upper
166 100
165 93.0 73.9 110.9
167 13.7 10.8 16.2

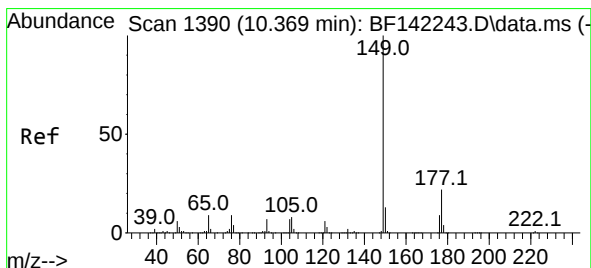
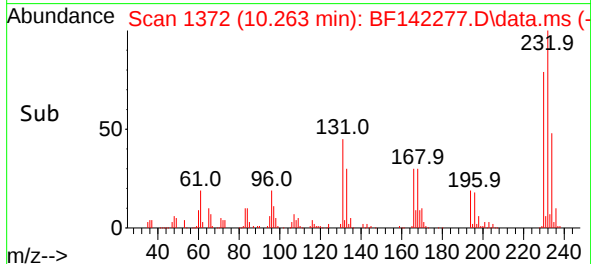
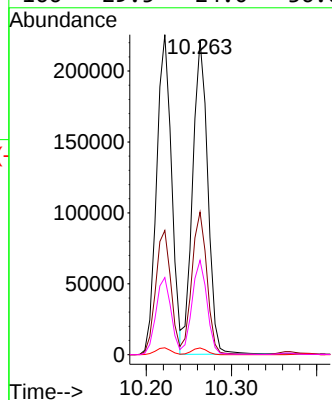
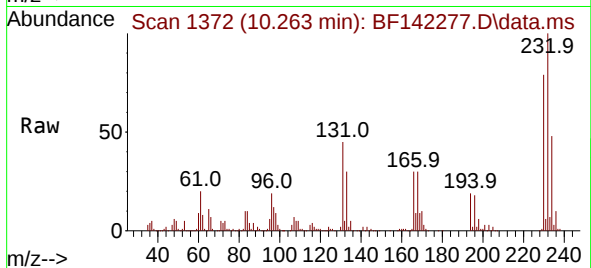




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.776 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

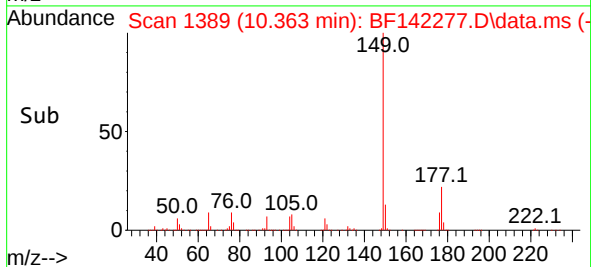
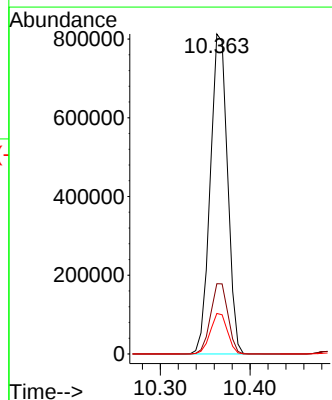
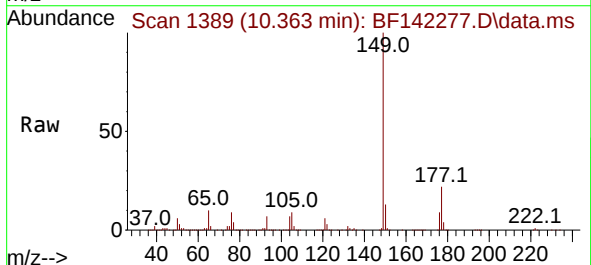
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

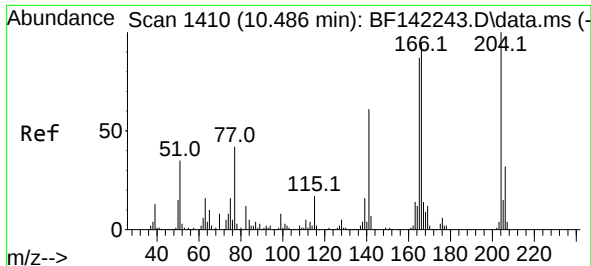
Tgt Ion:232 Resp: 273427
Ion Ratio Lower Upper
232 100
131 45.5 35.9 53.9
130 2.1 1.8 2.6
166 29.5 24.0 36.0



#60
Diethylphthalate
Concen: 42.636 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Tgt Ion:149 Resp: 1082961
Ion Ratio Lower Upper
149 100
177 21.9 17.6 26.4
150 12.7 10.2 15.2

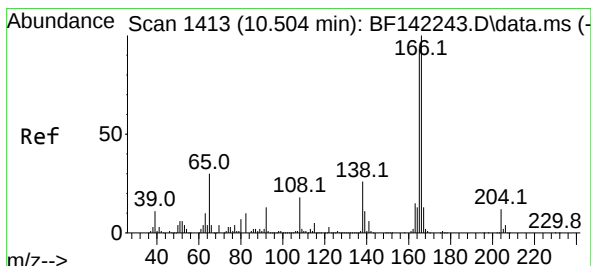
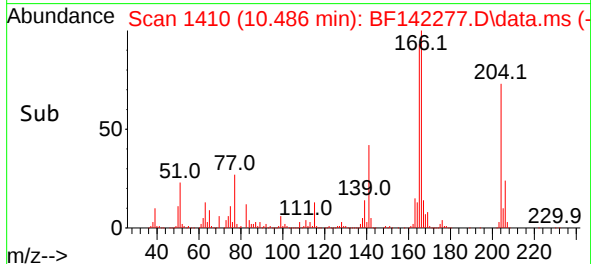
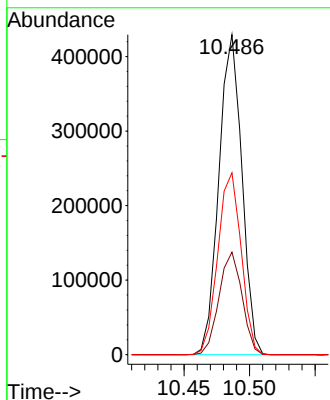
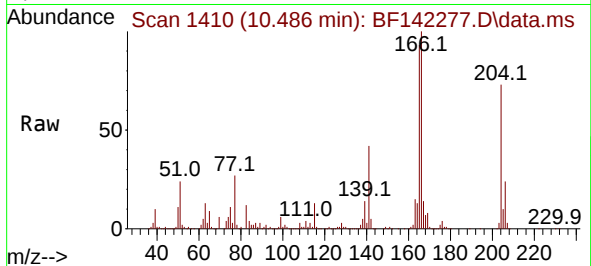




#61
4-Chlorophenyl-phenylether
Concen: 42.138 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

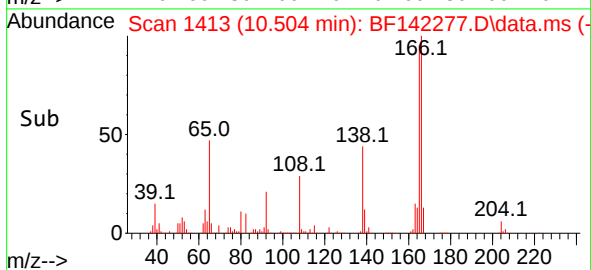
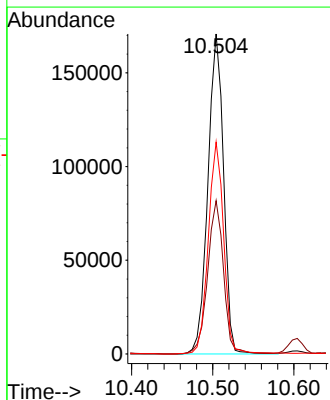
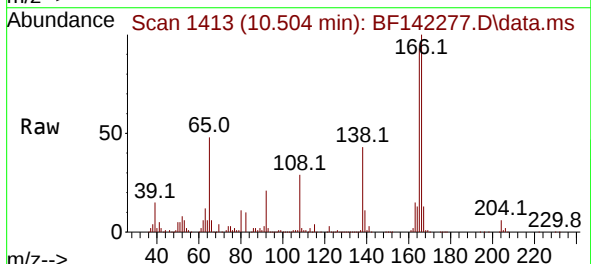
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

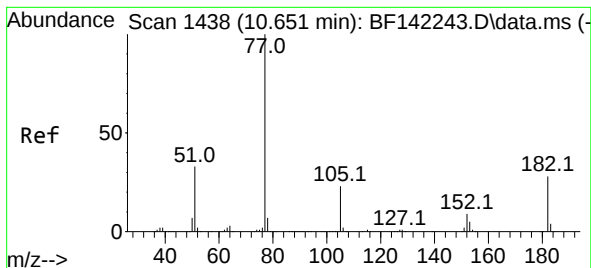
Tgt Ion:204 Resp: 522609
Ion Ratio Lower Upper
204 100
206 32.1 25.6 38.4
141 56.9 48.9 73.3



#62
4-Nitroaniline
Concen: 42.238 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Tgt Ion:138 Resp: 228504
Ion Ratio Lower Upper
138 100
92 47.9 29.2 69.2
108 66.2 49.1 89.1





#63

Azobenzene

Concen: 41.352 ng

RT: 10.645 min Scan# 1437

Delta R.T. -0.006 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

Tgt Ion: 77 Resp: 1037185

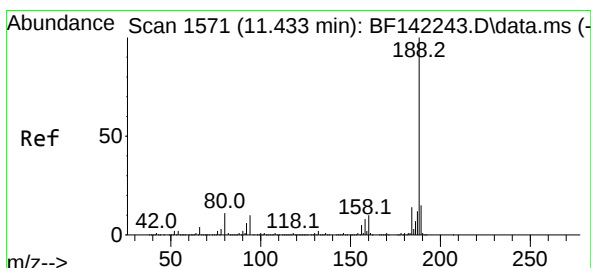
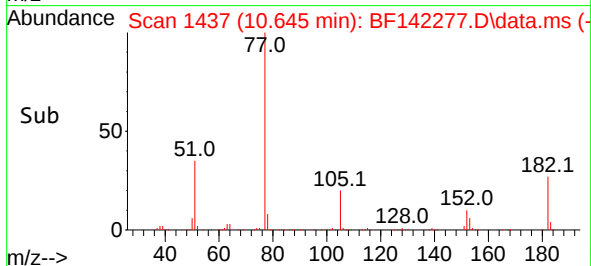
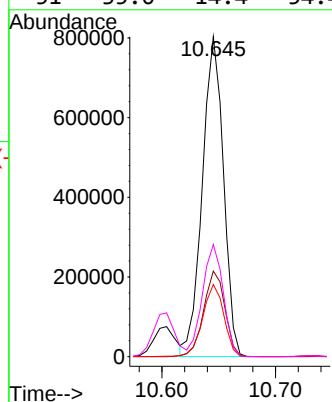
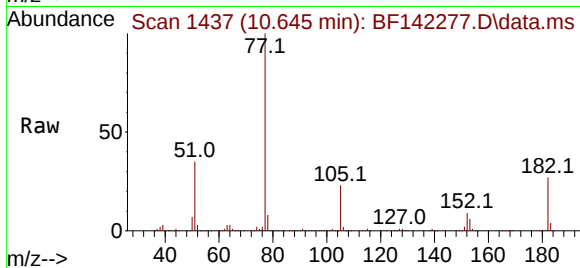
Ion Ratio Lower Upper

77 100

182 26.8 7.3 47.3

105 22.5 2.5 42.5

51 35.0 14.4 54.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1571

Delta R.T. 0.000 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

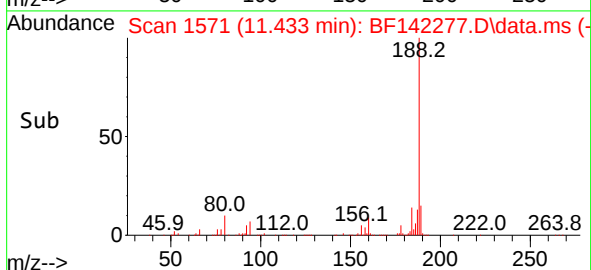
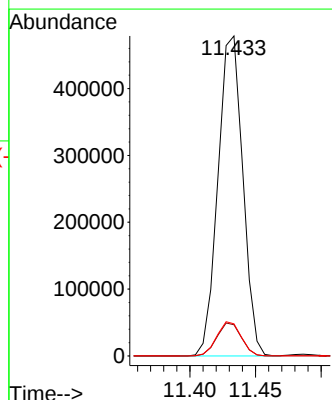
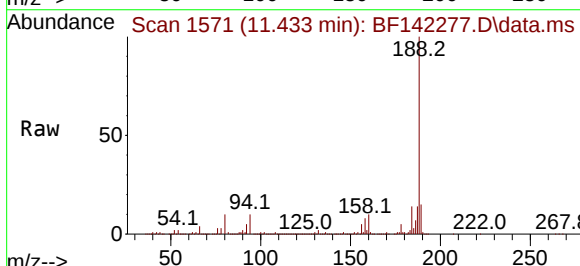
Tgt Ion:188 Resp: 629997

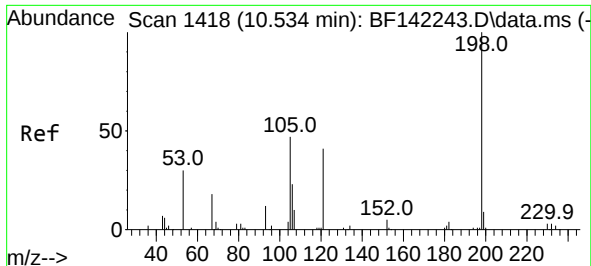
Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

80 10.1 8.6 12.8

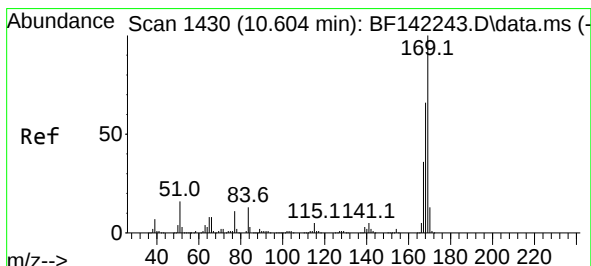
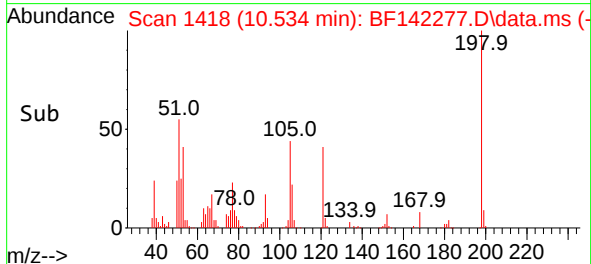
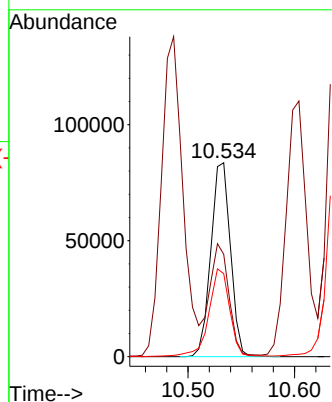
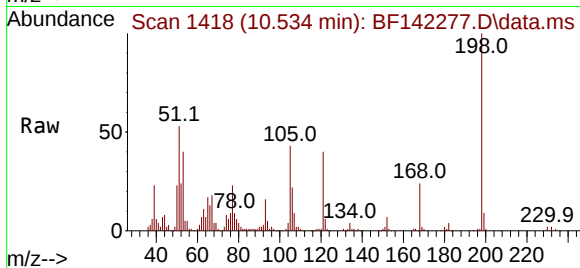




#65
4,6-Dinitro-2-methylphenol
Concen: 50.723 ng
RT: 10.534 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

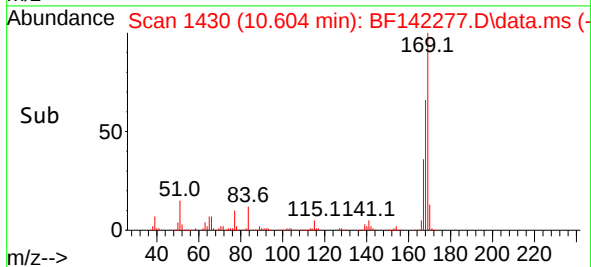
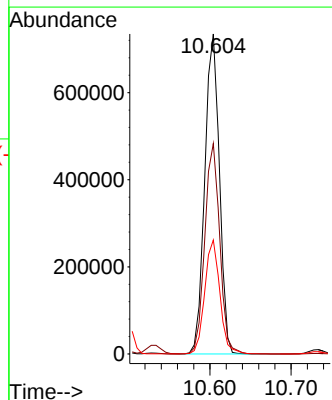
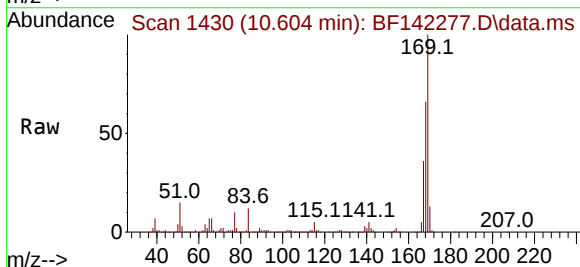
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

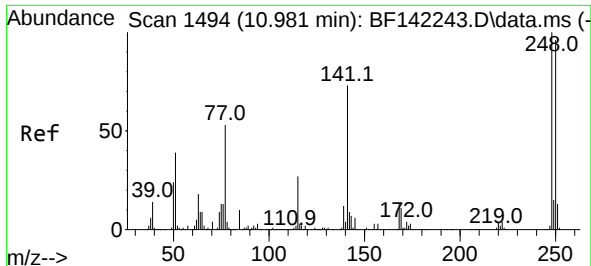
Tgt Ion:198 Resp: 106866
Ion Ratio Lower Upper
198 100
51 52.8 40.6 80.6
105 42.9 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 42.652 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Tgt Ion:169 Resp: 918104
Ion Ratio Lower Upper
169 100
168 65.8 53.0 79.6
167 35.6 28.8 43.2

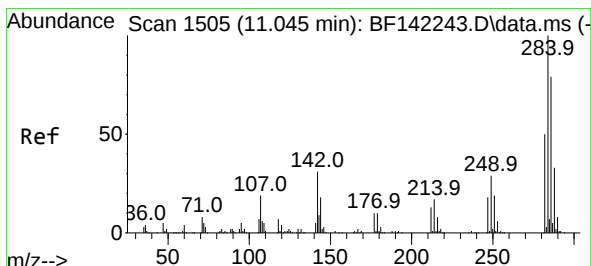
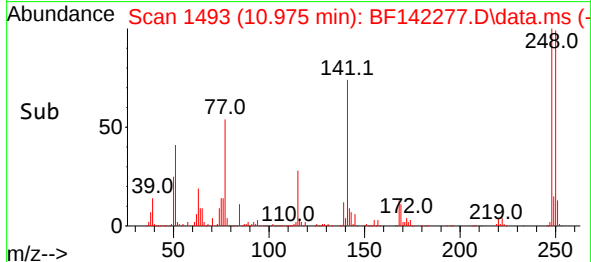
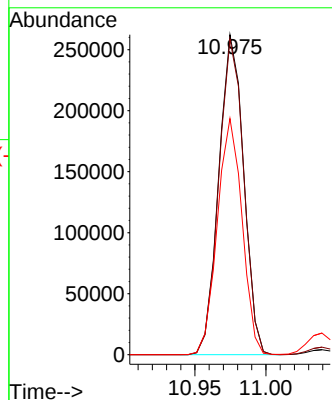
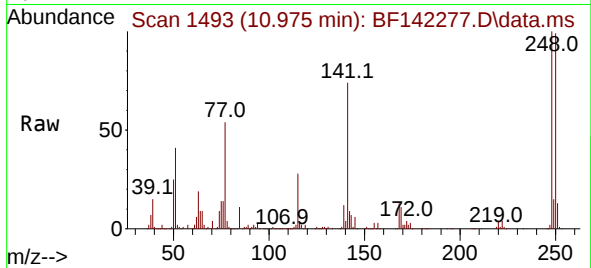




#67
4-Bromophenyl-phenylether
Concen: 45.559 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

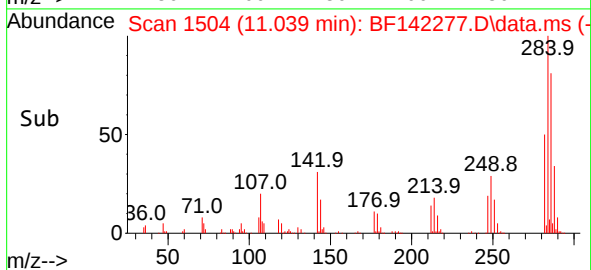
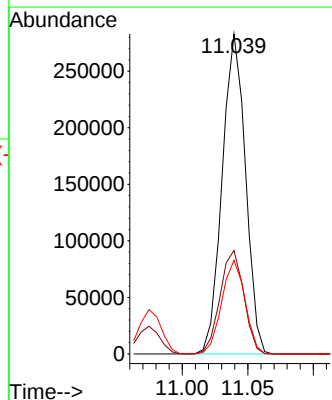
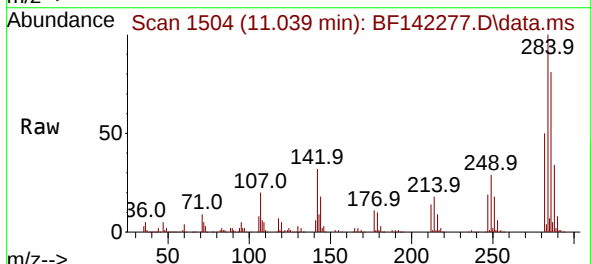
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

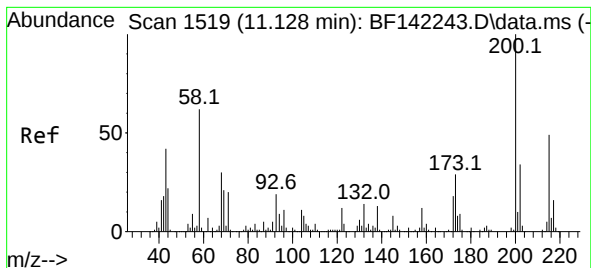
Tgt Ion:248 Resp: 319645
Ion Ratio Lower Upper
248 100
250 98.6 77.2 115.8
141 73.8 58.4 87.6



#68
Hexachlorobenzene
Concen: 44.425 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Tgt Ion:284 Resp: 349088
Ion Ratio Lower Upper
284 100
142 32.4 24.6 37.0
249 29.3 23.2 34.8





#69

Atrazine

Concen: 48.442 ng

RT: 11.128 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

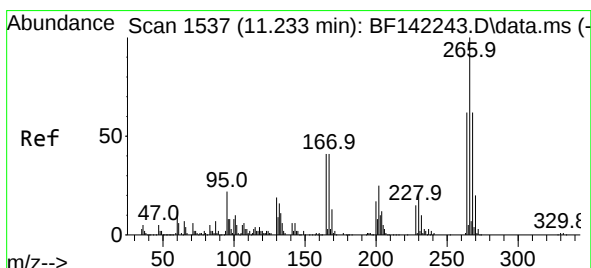
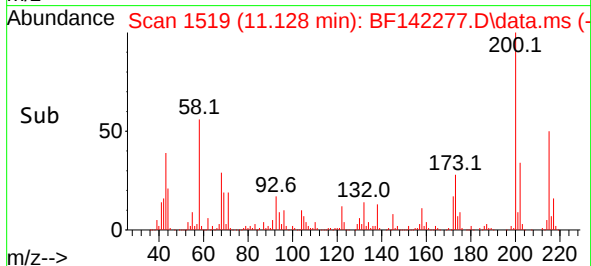
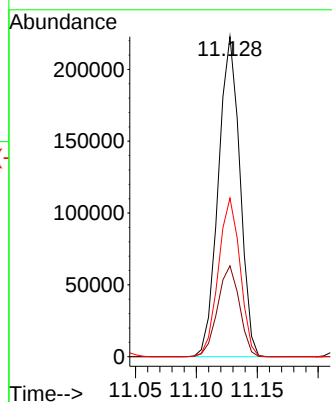
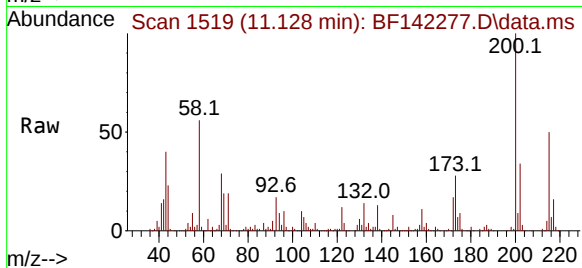
Tgt Ion:200 Resp: 274854

Ion Ratio Lower Upper

200 100

173 28.4 8.6 48.6

215 49.6 28.5 68.5



#70

Pentachlorophenol

Concen: 94.071 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

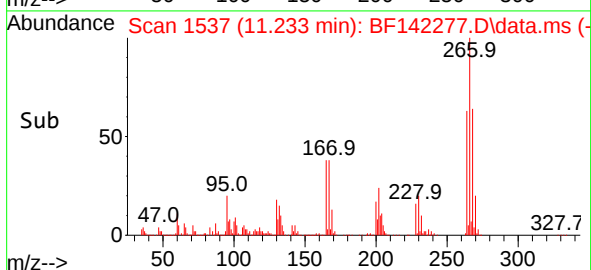
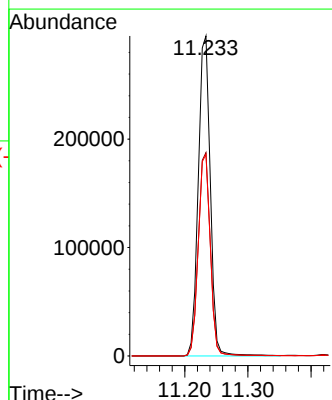
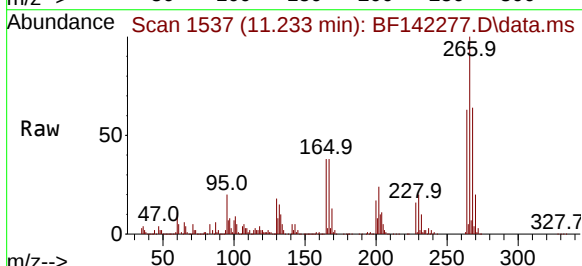
Tgt Ion:266 Resp: 390510

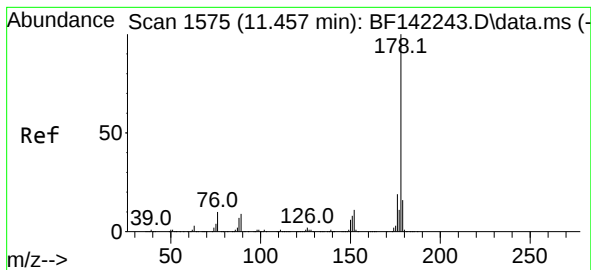
Ion Ratio Lower Upper

266 100

268 63.6 50.0 75.0

264 62.9 49.3 73.9

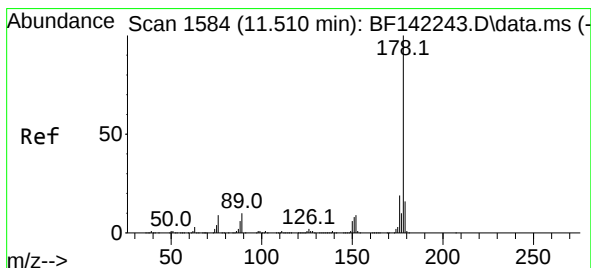
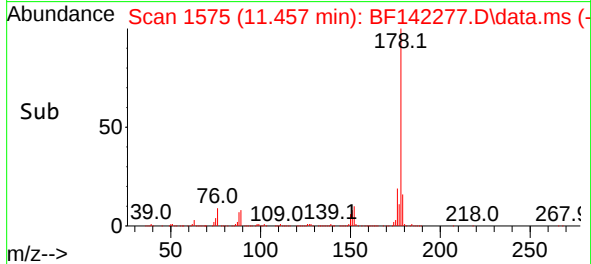
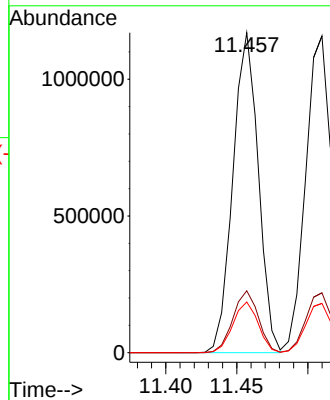
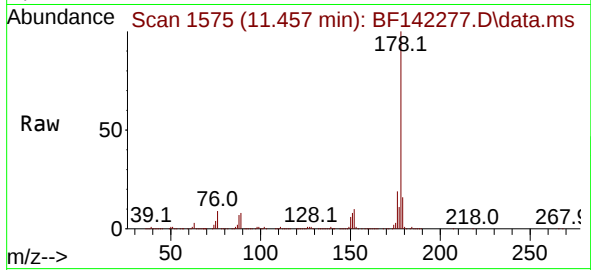




#71
Phenanthrene
Concen: 42.876 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

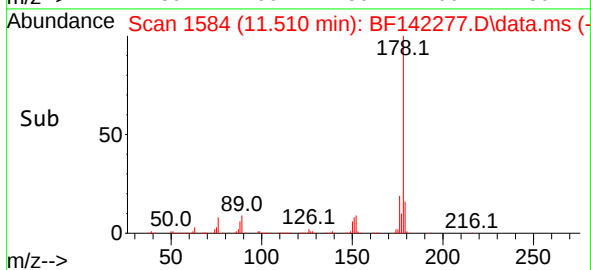
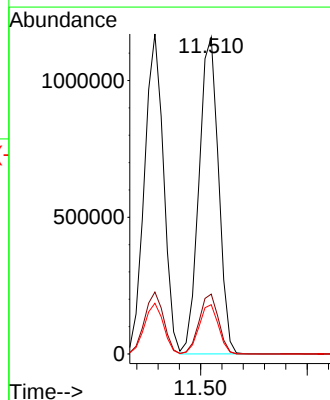
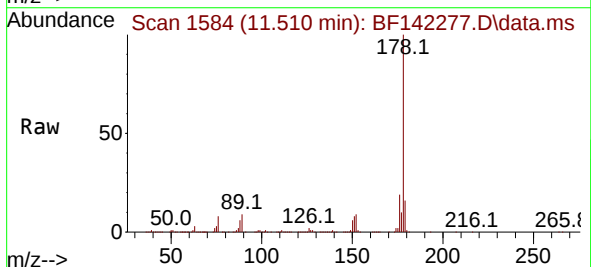
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

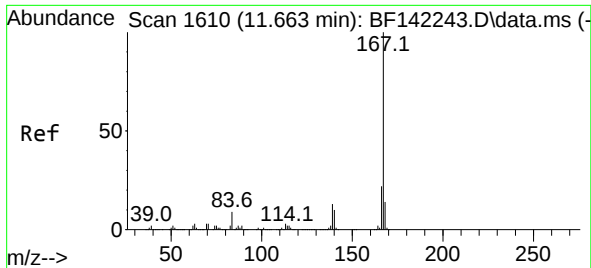
Tgt Ion:178 Resp: 1459064
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.9 12.6 19.0



#72
Anthracene
Concen: 42.440 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Tgt Ion:178 Resp: 1476623
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.6 12.7 19.1

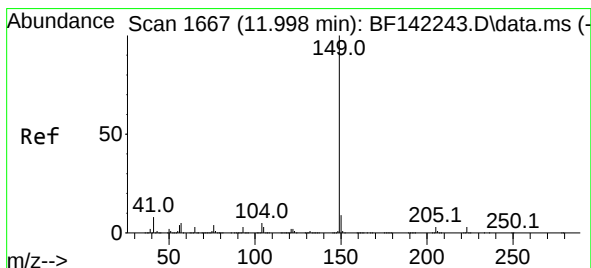
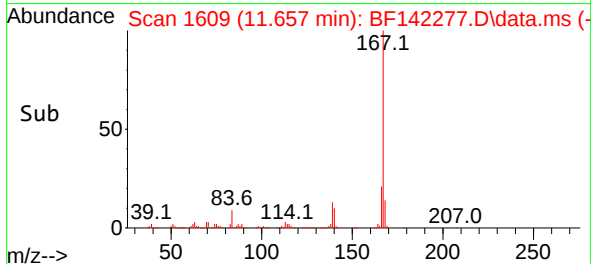
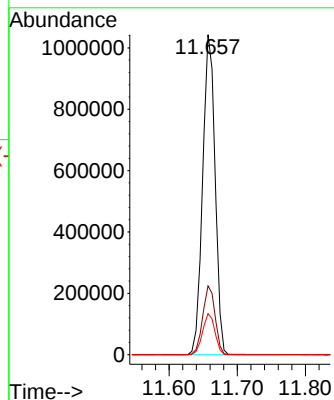
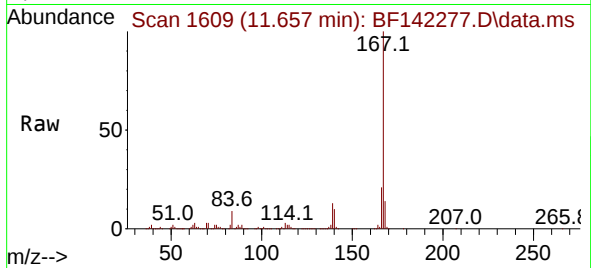




#73
 Carbazole
 Concen: 41.655 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142277.D
 Acq: 02 May 2025 12:27

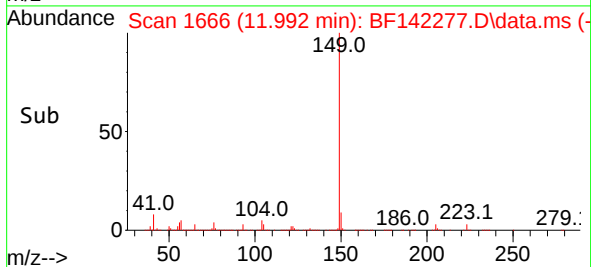
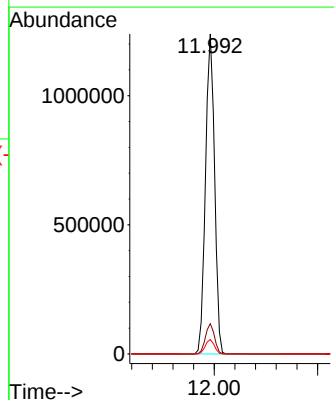
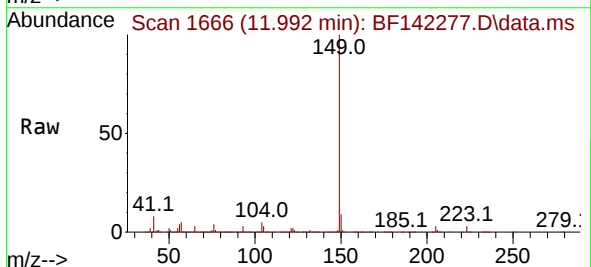
Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MS

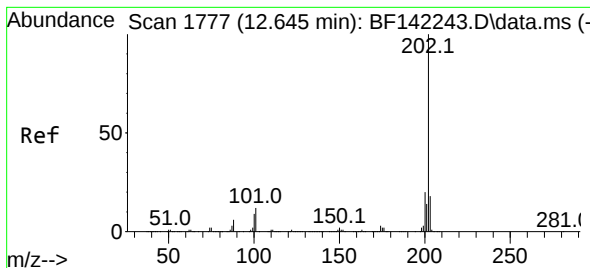
Tgt Ion:167 Resp: 1322084
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 12.8 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 47.265 ng
 RT: 11.992 min Scan# 1666
 Delta R.T. -0.006 min
 Lab File: BF142277.D
 Acq: 02 May 2025 12:27

Tgt Ion:149 Resp: 1508741
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.5 3.6 5.4





#75

Fluoranthene

Concen: 40.513 ng

RT: 12.645 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

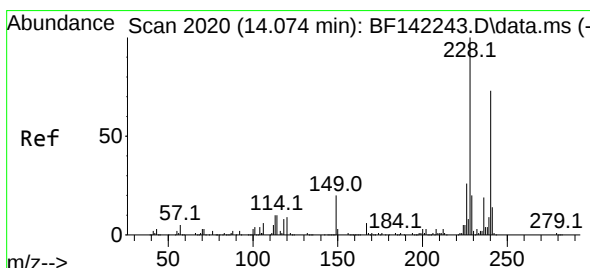
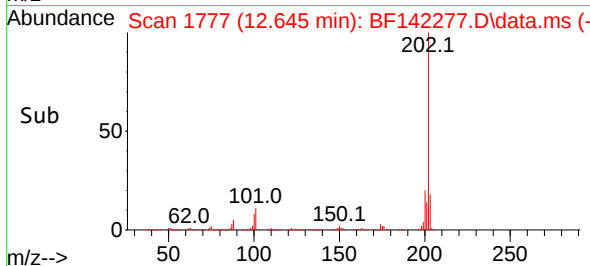
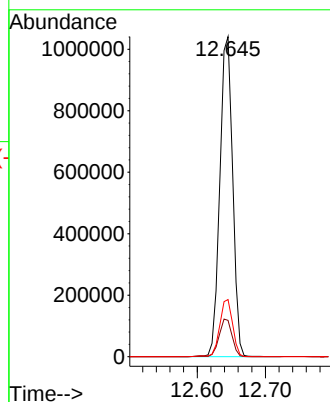
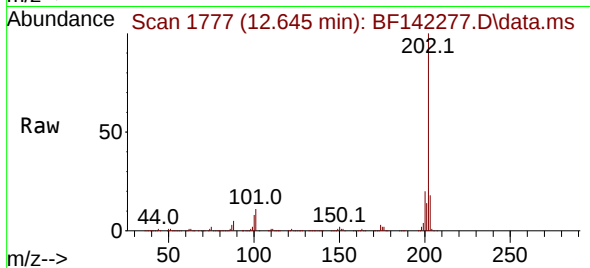
Tgt Ion:202 Resp: 1362829

Ion Ratio Lower Upper

202 100

101 11.3 0.0 32.4

203 17.8 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

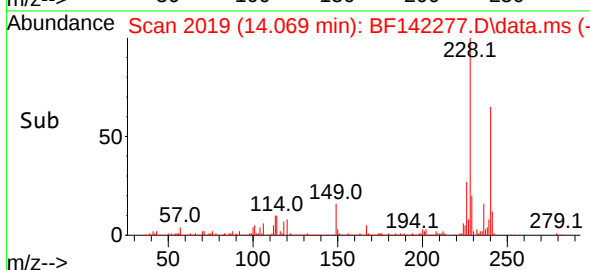
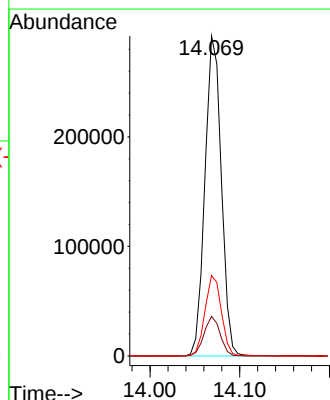
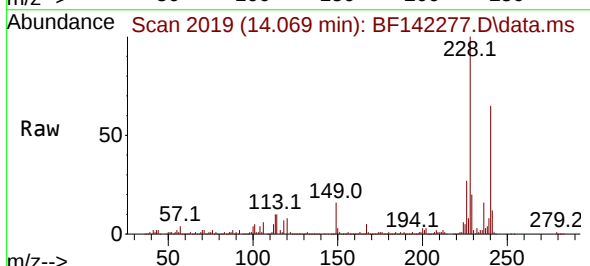
Tgt Ion:240 Resp: 370460

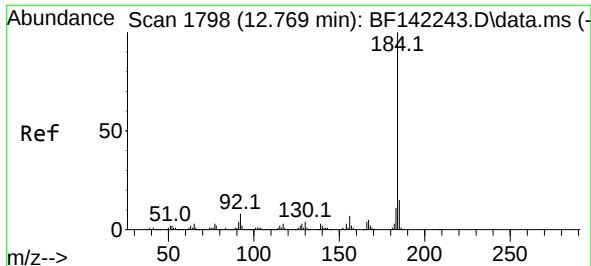
Ion Ratio Lower Upper

240 100

120 12.3 10.1 15.1

236 25.2 20.5 30.7

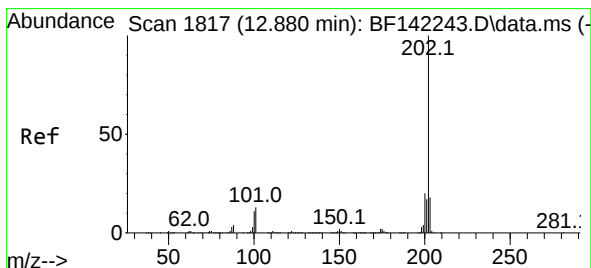
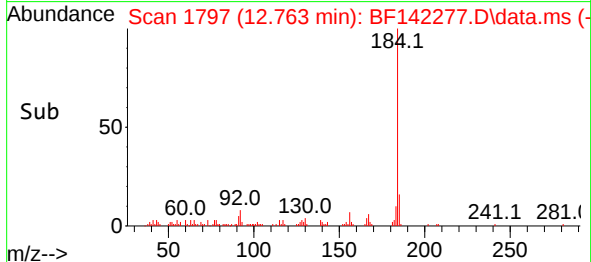
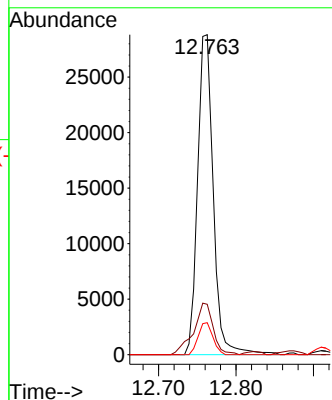
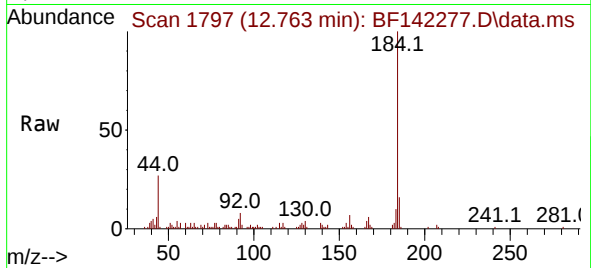




#77
Benzidine
Concen: 2.576 ng
RT: 12.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

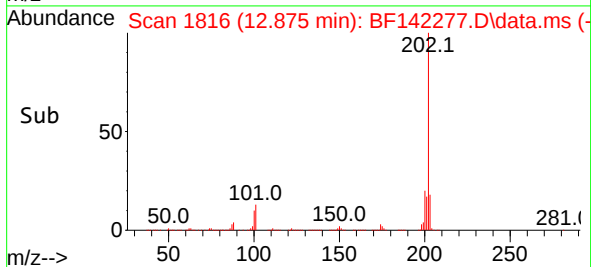
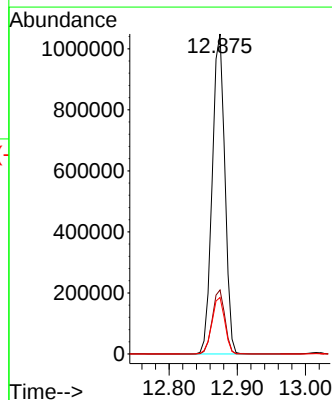
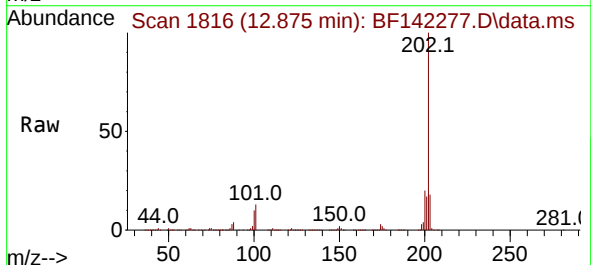
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

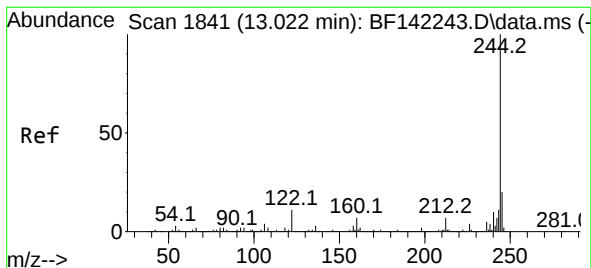
Tgt Ion:184 Resp: 40553
Ion Ratio Lower Upper
184 100
185 15.8 11.8 17.6
183 10.0 8.9 13.3



#78
Pyrene
Concen: 39.600 ng
RT: 12.875 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Tgt Ion:202 Resp: 1353270
Ion Ratio Lower Upper
202 100
200 20.0 16.1 24.1
203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 70.359 ng

RT: 13.016 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

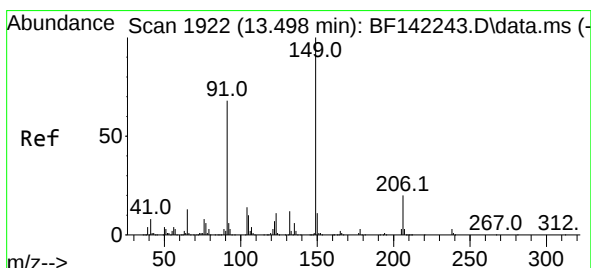
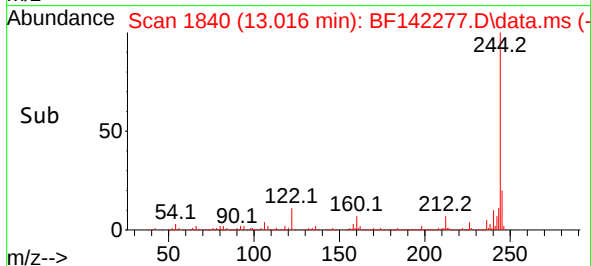
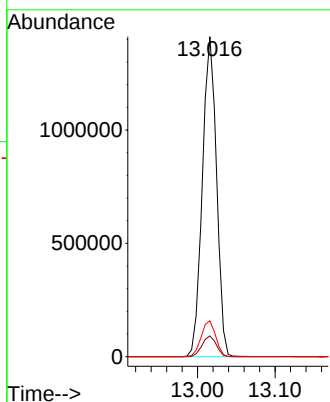
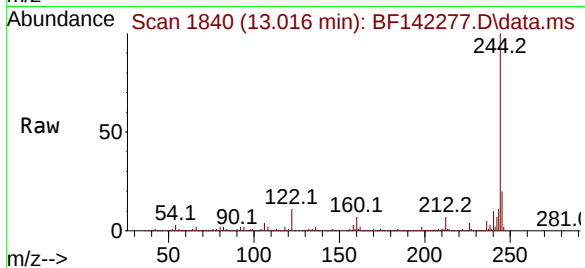
Tgt Ion:244 Resp: 1792164

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

122 11.2 9.1 13.7



#80

Butylbenzylphthalate

Concen: 51.715 ng

RT: 13.492 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

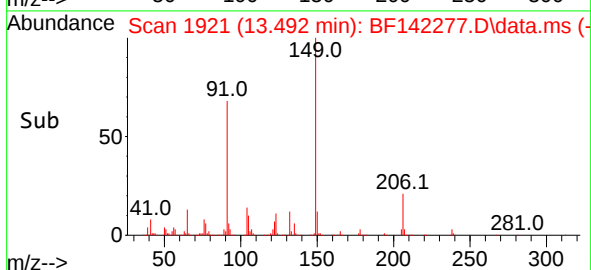
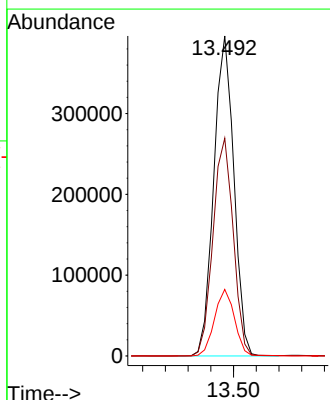
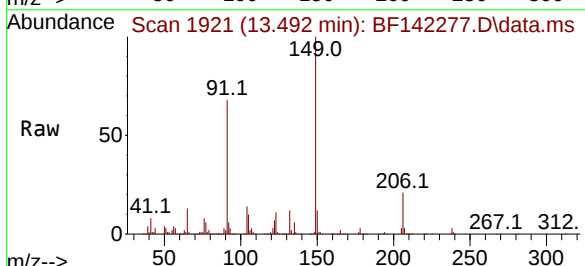
Tgt Ion:149 Resp: 486120

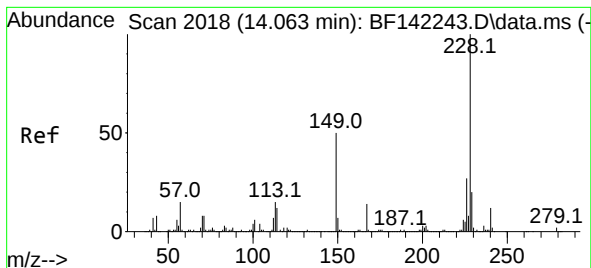
Ion Ratio Lower Upper

149 100

91 68.1 54.4 81.6

206 20.8 15.9 23.9





#81

Benzo(a)anthracene

Concen: 43.310 ng

RT: 14.057 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

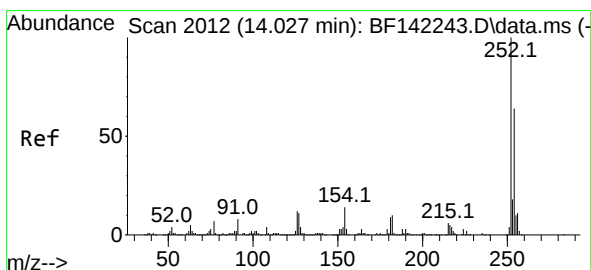
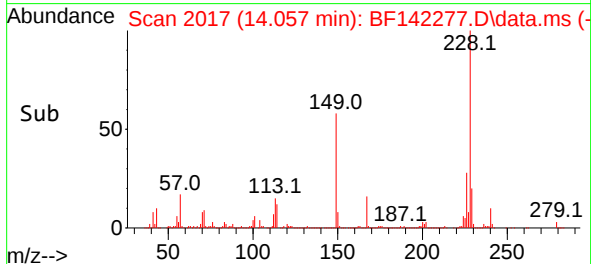
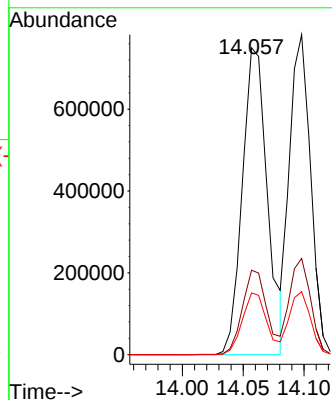
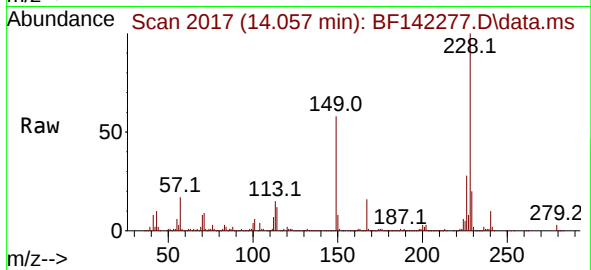
Tgt Ion:228 Resp: 1077111

Ion Ratio Lower Upper

228 100

226 27.5 21.9 32.9

229 20.1 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 8.398 ng

RT: 14.022 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

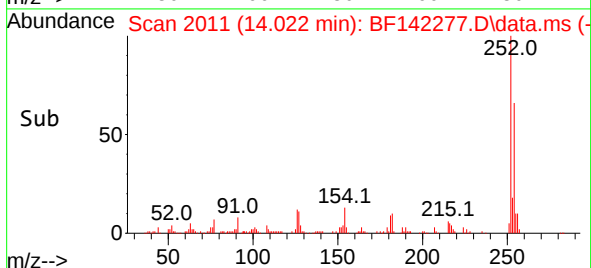
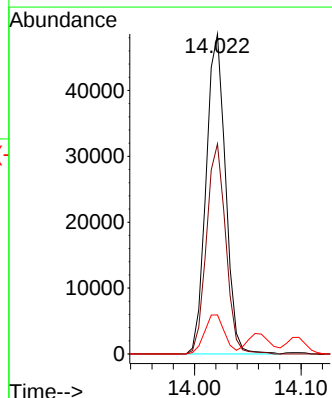
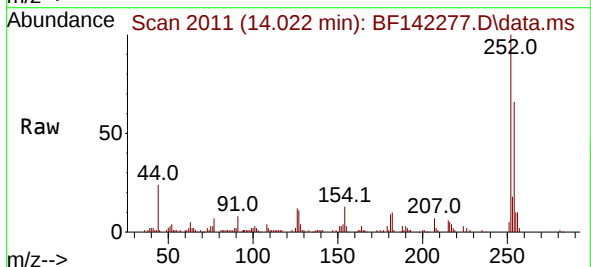
Tgt Ion:252 Resp: 61349

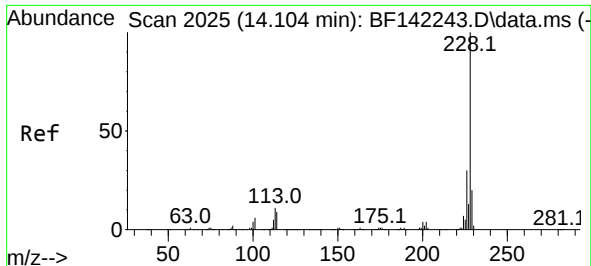
Ion Ratio Lower Upper

252 100

254 65.6 51.0 76.6

126 12.2 9.4 14.2

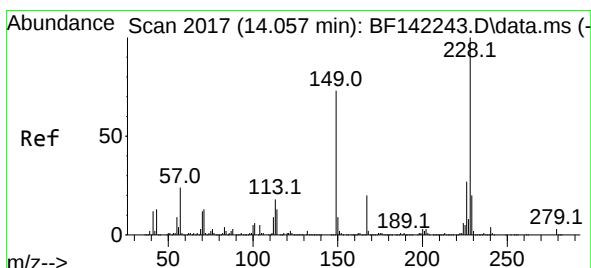
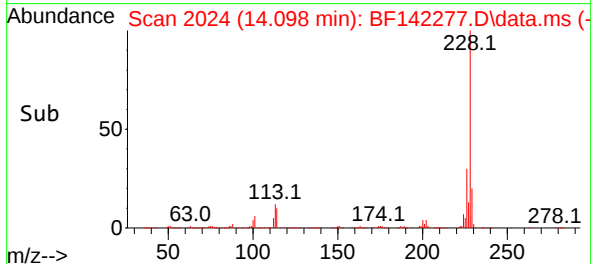
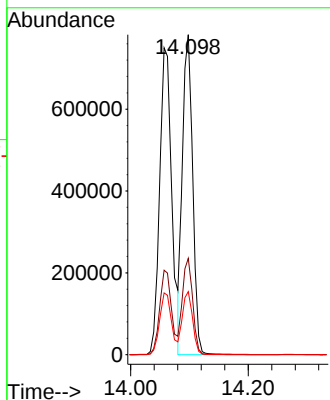
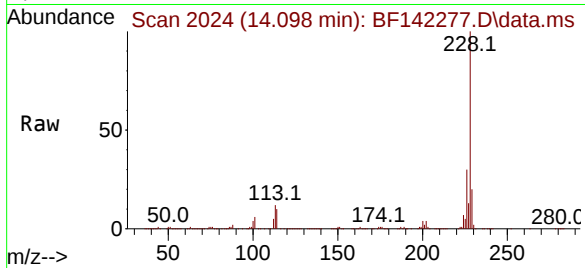




#83
Chrysene
Concen: 41.802 ng
RT: 14.098 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

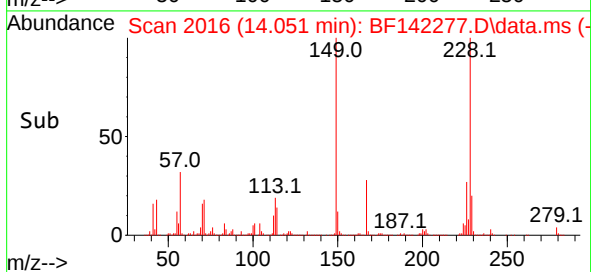
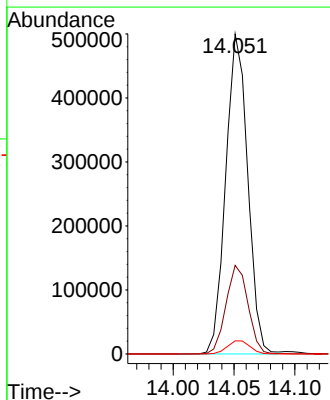
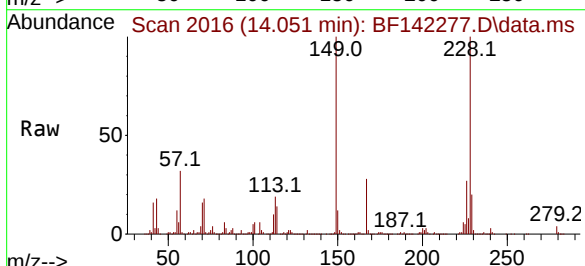
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

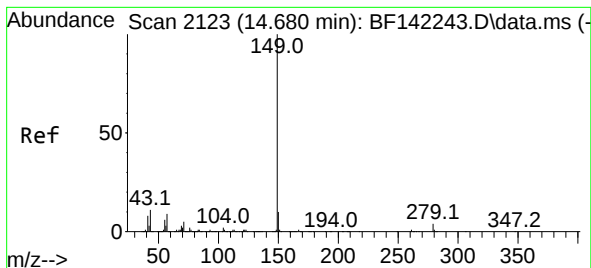
Tgt Ion:228 Resp: 946310
Ion Ratio Lower Upper
228 100
226 30.1 24.0 36.0
229 19.7 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.509 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Tgt Ion:149 Resp: 628324
Ion Ratio Lower Upper
149 100
167 27.7 21.7 32.5
279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 43.232 ng

RT: 14.669 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

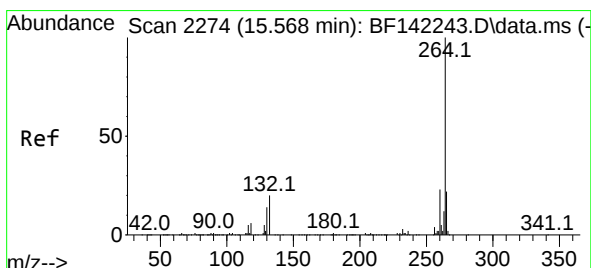
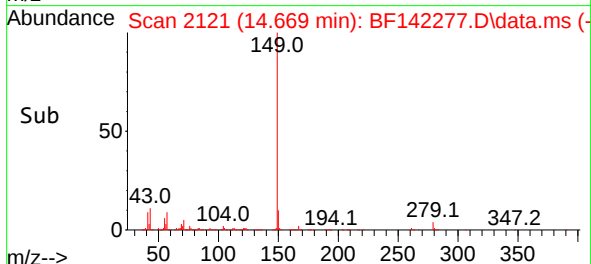
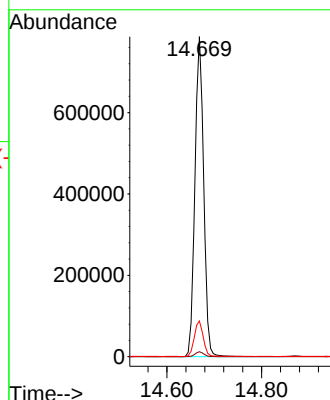
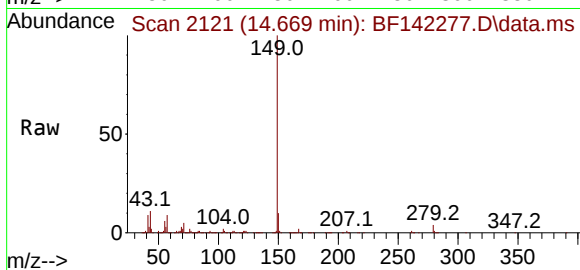
Tgt Ion:149 Resp: 1009277

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 11.3 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

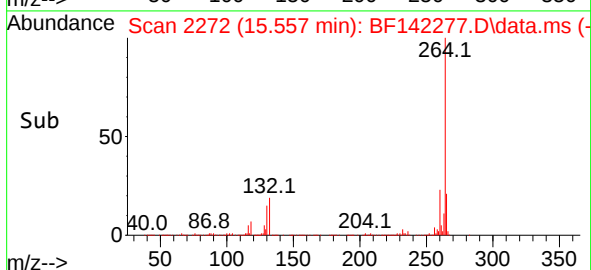
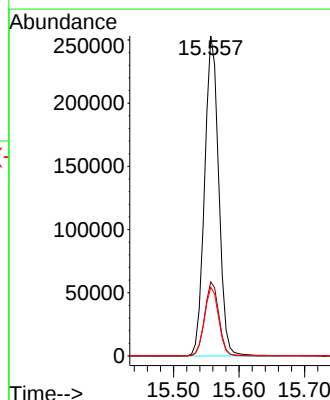
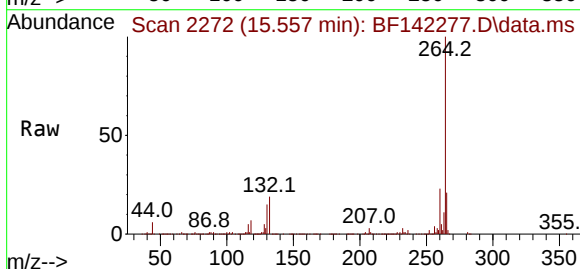
Tgt Ion:264 Resp: 379220

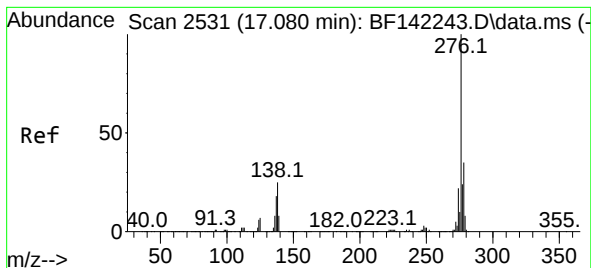
Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

265 21.4 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.548 ng

RT: 17.068 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

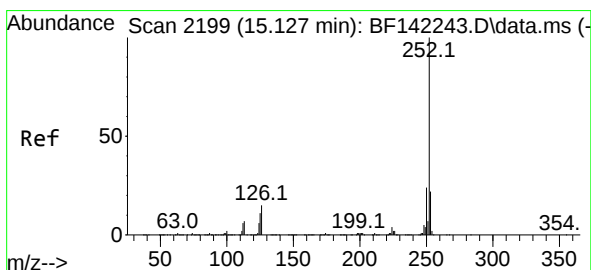
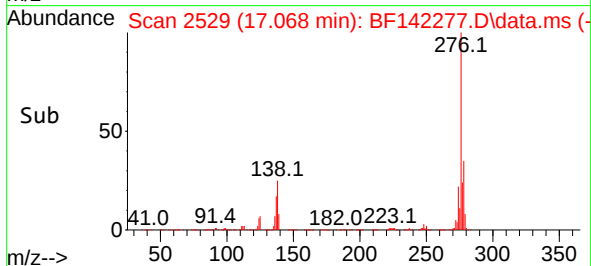
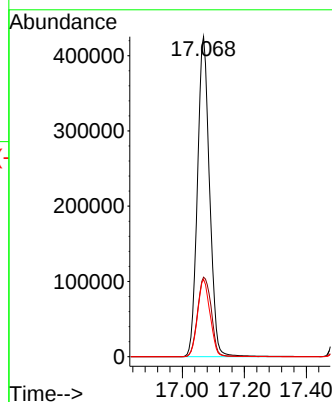
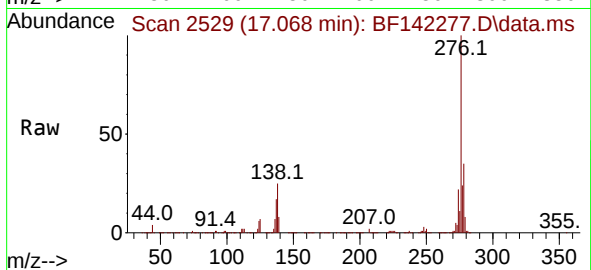
Tgt Ion:276 Resp: 1154061

Ion Ratio Lower Upper

276 100

138 28.1 22.6 33.8

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 46.269 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142277.D

Acq: 02 May 2025 12:27

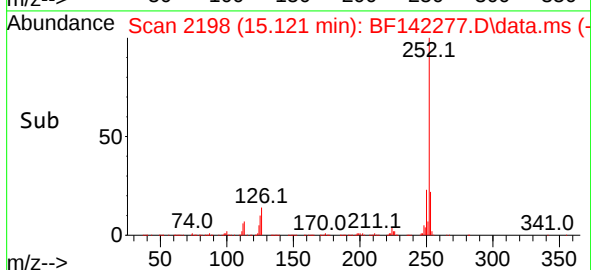
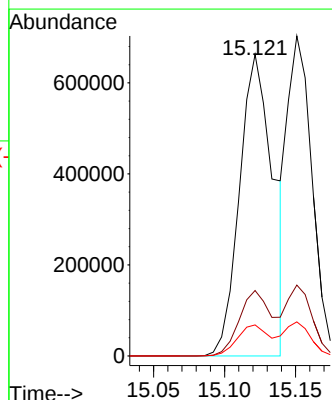
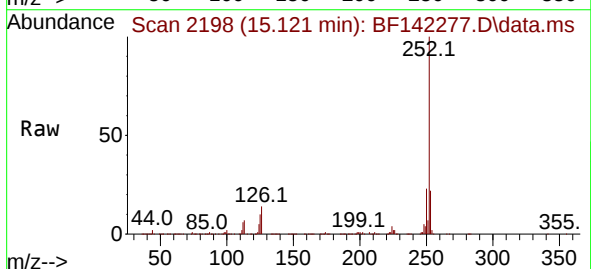
Tgt Ion:252 Resp: 1089899

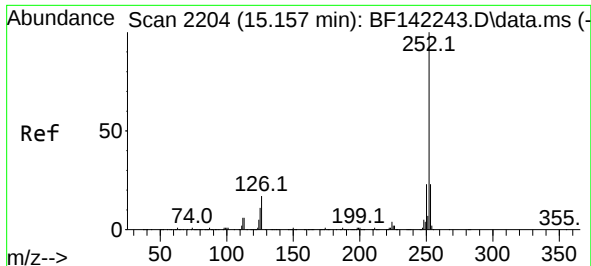
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 10.3 9.0 13.4

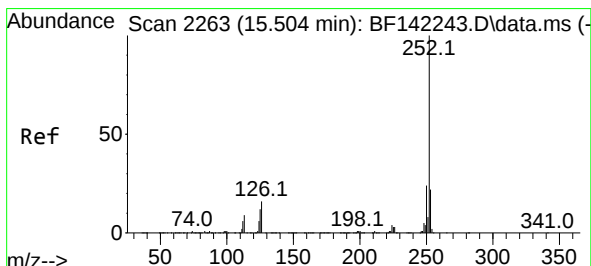
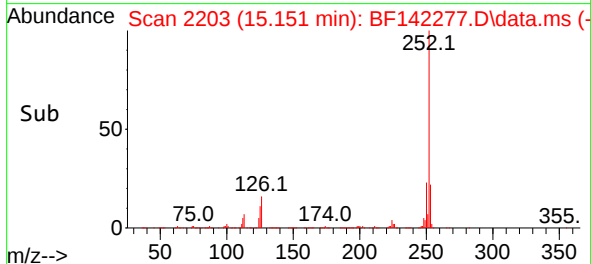
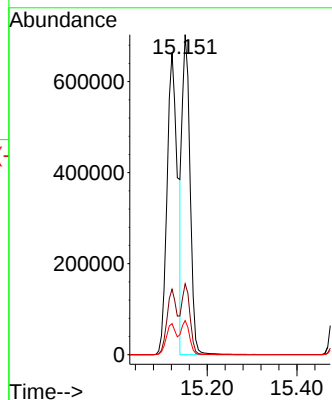
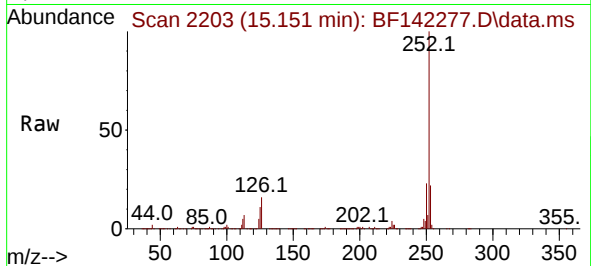




#89
Benzo(k)fluoranthene
Concen: 39.820 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

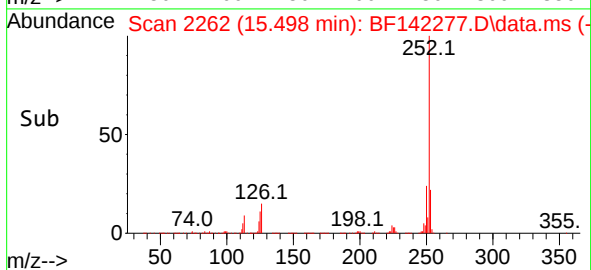
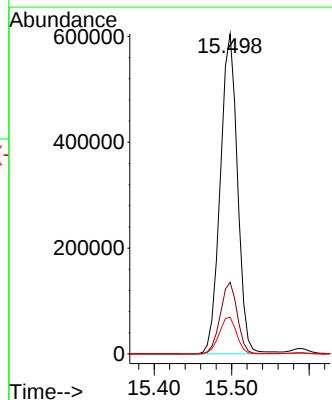
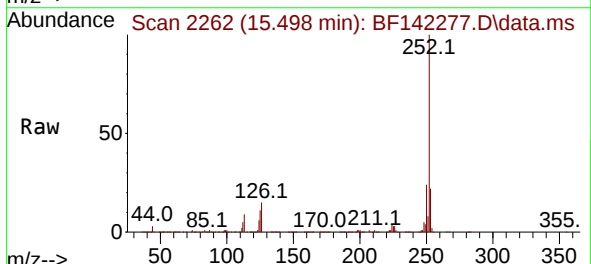
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

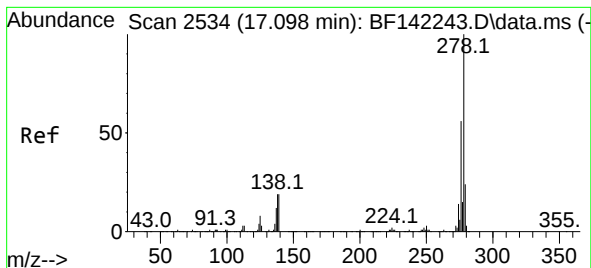
Tgt Ion:252 Resp: 857957
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.7 9.0 13.6



#90
Benzo(a)pyrene
Concen: 43.441 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Tgt Ion:252 Resp: 936845
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 11.4 9.5 14.3

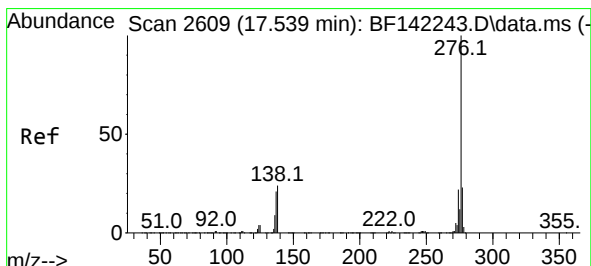
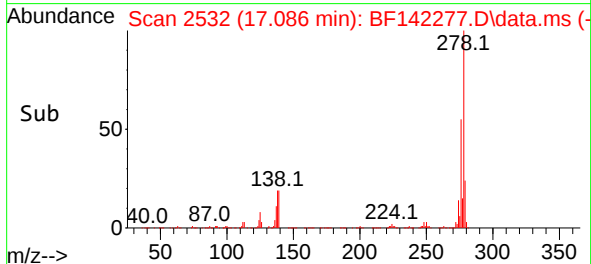
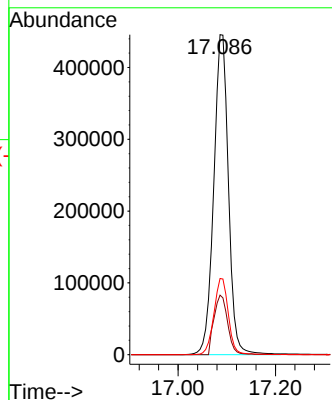
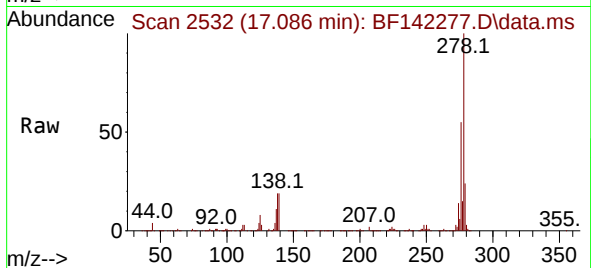




#91
Dibenzo(a,h)anthracene
Concen: 41.398 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

Tgt Ion:278 Resp: 933265
Ion Ratio Lower Upper
278 100
139 18.6 15.2 22.8
279 23.8 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 41.307 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.018 min
Lab File: BF142277.D
Acq: 02 May 2025 12:27

Tgt Ion:276 Resp: 936160
Ion Ratio Lower Upper
276 100
277 24.1 18.7 28.1
138 24.6 19.4 29.0

