

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142269.D
 Acq On : 01 May 2025 19:24
 Operator : RC/JU
 Sample : Q1901-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MS

Quant Time: May 02 01:08:09 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	207729	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	776941	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	359640	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	495470	20.000	ng	0.00
76) Chrysene-d12	14.074	240	427878	20.000	ng	0.00
86) Perylene-d12	15.562	264	472653	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1135655	87.311	ng	0.00
7) Phenol-d6	6.528	99	1416560	90.188	ng	0.00
23) Nitrobenzene-d5	7.469	82	805120	68.080	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	297829	90.840	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1610323	63.132	ng	0.00
79) Terphenyl-d14	13.015	244	1290400	43.862	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	227396	39.145	ng	99
3) Pyridine	3.516	79	610565	40.441	ng	100
4) n-Nitrosodimethylamine	3.469	42	354637	45.391	ng	100
6) Aniline	6.569	93	670525	30.161	ng	100
8) 2-Chlorophenol	6.692	128	603690	44.916	ng	100
9) Benzaldehyde	6.457	77	303867	27.680	ng	99
10) Phenol	6.539	94	777241	45.965	ng	99
11) bis(2-Chloroethyl)ether	6.639	93	585375	44.673	ng	98
12) 1,3-Dichlorobenzene	6.851	146	664859	43.727	ng	99
13) 1,4-Dichlorobenzene	6.928	146	668597	43.645	ng	100
14) 1,2-Dichlorobenzene	7.081	146	646554	44.210	ng	100
15) Benzyl Alcohol	7.045	79	489425	43.935	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1075078	45.436	ng	99
17) 2-Methylphenol	7.151	107	477055	43.327	ng	99
18) Hexachloroethane	7.422	117	236235	47.116	ng	97
19) n-Nitroso-di-n-propyla...	7.316	70	416439	42.906	ng	98
20) 3+4-Methylphenols	7.304	107	589920	42.844	ng	92
22) Acetophenone	7.316	105	790127	43.959	ng	98
24) Nitrobenzene	7.486	77	591434	50.970	ng	100
25) Isophorone	7.728	82	1114078	44.887	ng	99
26) 2-Nitrophenol	7.804	139	273106	54.190	ng	97
27) 2,4-Dimethylphenol	7.833	122	550527	43.994	ng	100
28) bis(2-Chloroethoxy)met...	7.933	93	701365	44.807	ng	99
29) 2,4-Dichlorophenol	8.039	162	476870	45.581	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	532603	45.620	ng	100
31) Naphthalene	8.210	128	1700955	43.900	ng	100
32) Benzoic acid	7.933	122	283194	47.659	ng	98
33) 4-Chloroaniline	8.251	127	170132	10.545	ng	100
34) Hexachlorobutadiene	8.328	225	319589	46.920	ng	99
35) Caprolactam	8.622	113	136658	43.458	ng	96
36) 4-Chloro-3-methylphenol	8.728	107	452691	42.138	ng	99
37) 2-Methylnaphthalene	8.904	142	1023582	42.967	ng	100
38) 1-Methylnaphthalene	9.004	142	1068100	43.280	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	495043	48.910	ng	99
41) Hexachlorocyclopentadiene	9.057	237	577255	100.490	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	321539	51.266	ng	100

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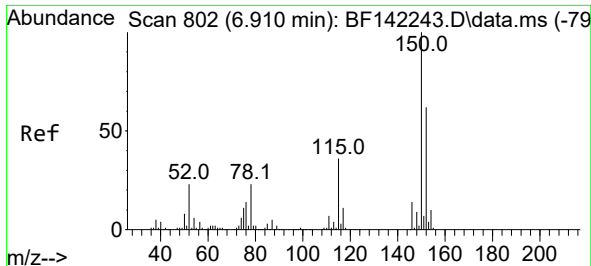
Quant Time: May 02 01:08:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	318776	48.342	ng	99
46) 1,1'-Biphenyl	9.363	154	1334117	47.717	ng	99
47) 2-Chloronaphthalene	9.392	162	976038	46.922	ng	99
48) 2-Nitroaniline	9.480	65	259849	47.433	ng	99
49) Acenaphthylene	9.804	152	1594521	45.426	ng	100
50) Dimethylphthalate	9.663	163	1066261	46.343	ng	100
51) 2,6-Dinitrotoluene	9.722	165	215101	48.680	ng	99
52) Acenaphthene	9.980	154	982506	47.938	ng	98
53) 3-Nitroaniline	9.886	138	127102	25.292	ng	98
54) 2,4-Dinitrophenol	9.992	184	128668	82.147	ng	# 53
55) Dibenzofuran	10.151	168	1363907	44.394	ng	99
56) 4-Nitrophenol	10.039	139	331460	91.654	ng	98
57) 2,4-Dinitrotoluene	10.127	165	257086	48.111	ng	95
58) Fluorene	10.492	166	997907	42.717	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	246538	45.135	ng	99
60) Diethylphthalate	10.363	149	1031674	45.408	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	491200	44.277	ng	97
62) 4-Nitroaniline	10.504	138	193314	40.097	ng	95
63) Azobenzene	10.645	77	1084746	48.349	ng	95
65) 4,6-Dinitro-2-methylph...	10.527	198	87116	52.188	ng	97
66) n-Nitrosodiphenylamine	10.604	169	868383	51.295	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	294375	53.349	ng	99
68) Hexachlorobenzene	11.039	284	307669	49.785	ng	99
69) Atrazine	11.127	200	242733	54.396	ng	99
70) Pentachlorophenol	11.227	266	331283	101.471	ng	98
71) Phenanthrene	11.457	178	1297633	48.485	ng	99
72) Anthracene	11.504	178	1269418	46.391	ng	99
73) Carbazole	11.657	167	1127973	45.188	ng	99
74) Di-n-butylphthalate	11.992	149	1427936	56.880	ng	100
75) Fluoranthene	12.645	202	1336936	50.534	ng	99
77) Benzidine	12.763	184	486096	26.736	ng	99
78) Pyrene	12.874	202	1363266	34.539	ng	100
80) Butylbenzylphthalate	13.492	149	571179	52.545	ng	100
81) Benzo(a)anthracene	14.062	228	1336806	46.539	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	271966	32.235	ng	100
83) Chrysene	14.098	228	1219993	46.660	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	801117	53.190	ng	99
85) Di-n-octyl phthalate	14.668	149	1516655	54.420	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	1171487	33.838	ng	100
88) Benzo(b)fluoranthene	15.121	252	1455180	49.565	ng	100
89) Benzo(k)fluoranthene	15.156	252	1286491	47.906	ng	99
90) Benzo(a)pyrene	15.498	252	1294646	48.165	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	967006	34.415	ng	98
92) Benzo(g,h,i)perylene	17.521	276	881265	31.198	ng	99

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

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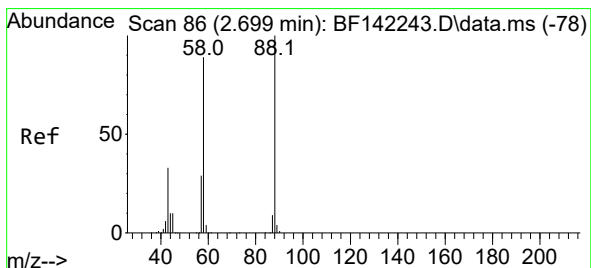
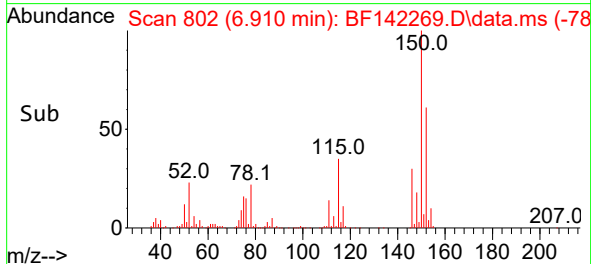
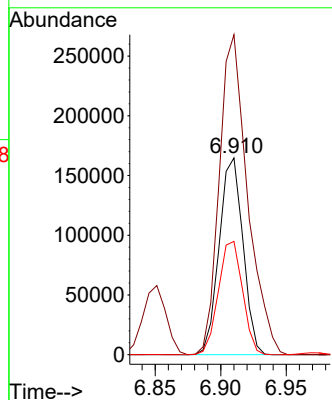
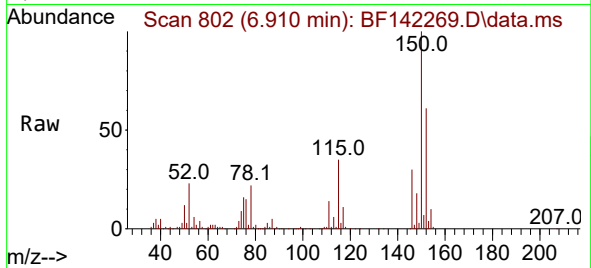




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF142269.D
 Acq: 01 May 2025 19:24

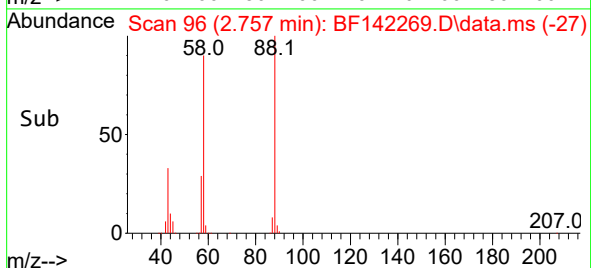
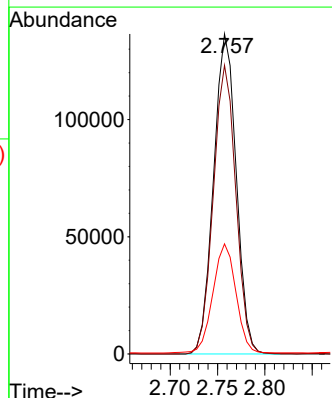
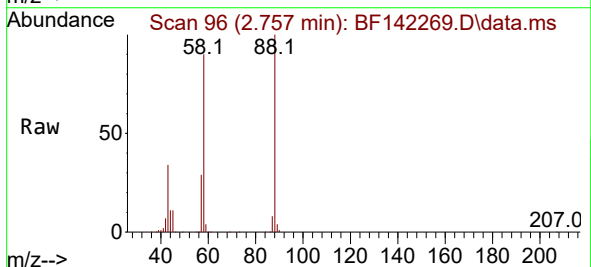
Instrument :
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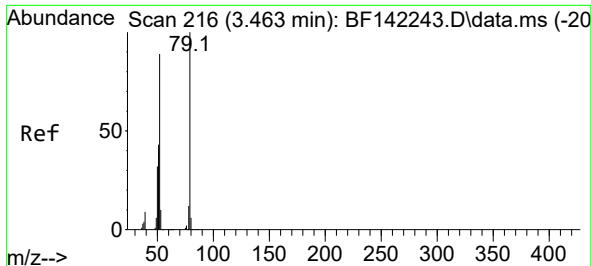
Tgt Ion:152 Resp: 207729
 Ion Ratio Lower Upper
 152 100
 150 162.6 130.2 195.2
 115 57.6 47.0 70.4



#2
 1,4-Dioxane
 Concen: 39.145 ng
 RT: 2.757 min Scan# 96
 Delta R.T. 0.059 min
 Lab File: BF142269.D
 Acq: 01 May 2025 19:24

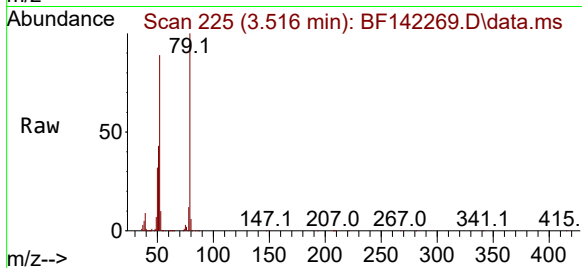
Tgt Ion: 88 Resp: 227396
 Ion Ratio Lower Upper
 88 100
 58 89.8 72.2 108.2
 43 34.6 27.0 40.6



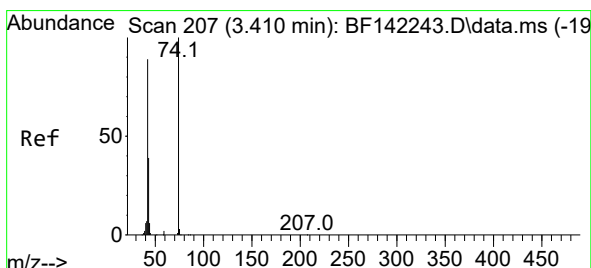
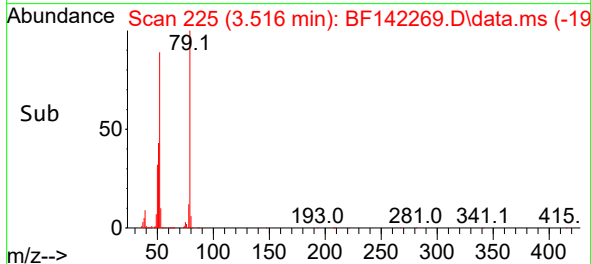
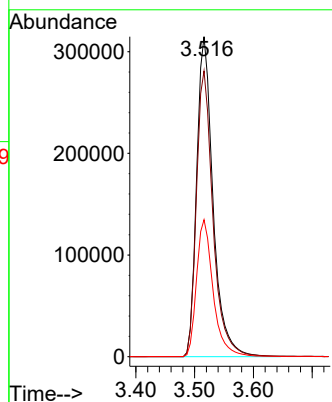


#3
Pyridine
Concen: 40.441 ng
RT: 3.516 min Scan# 216
Delta R.T. 0.053 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

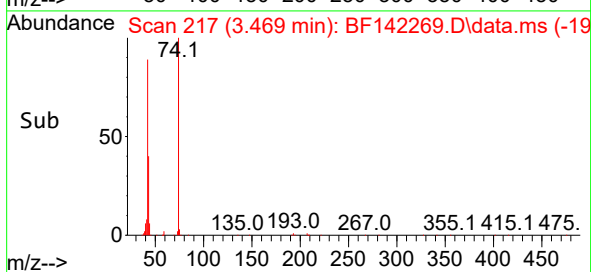
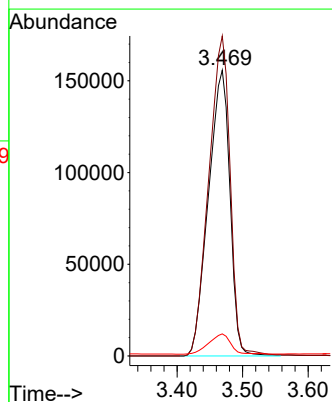
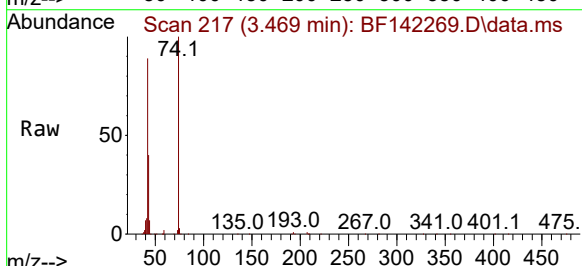


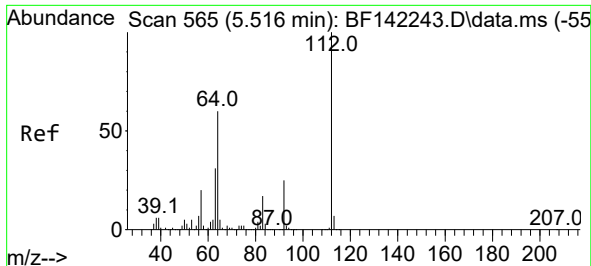
Tgt Ion: 79 Resp: 610565
Ion Ratio Lower Upper
79 100
52 89.3 71.5 107.3
51 42.8 34.5 51.7



#4
n-Nitrosodimethylamine
Concen: 45.391 ng
RT: 3.469 min Scan# 217
Delta R.T. 0.059 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion: 42 Resp: 354637
Ion Ratio Lower Upper
42 100
74 112.0 89.5 134.3
44 7.7 6.6 9.8

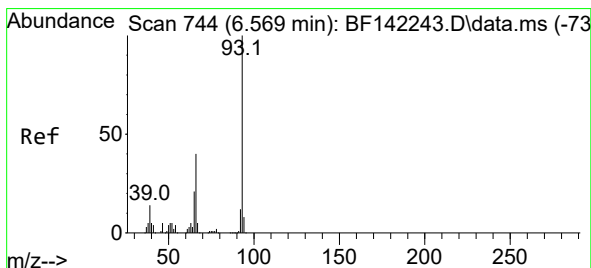
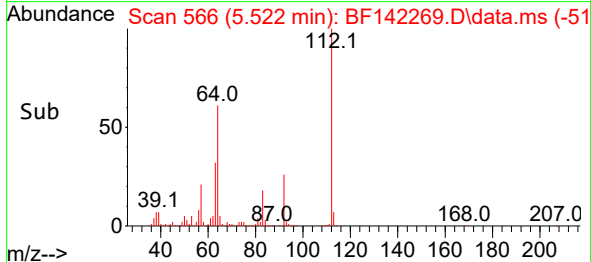
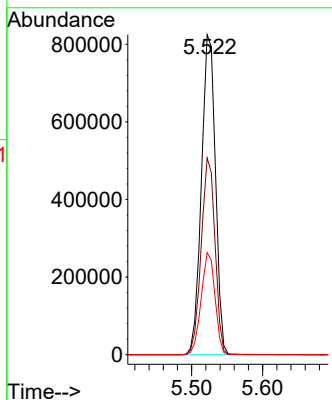
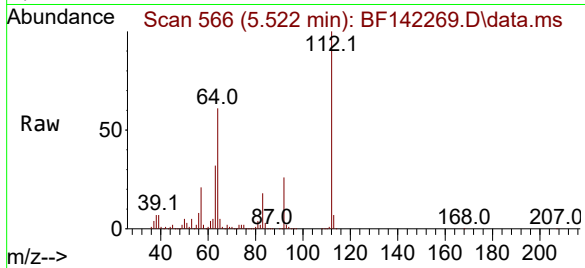




#5
2-Fluorophenol
Concen: 87.311 ng
RT: 5.522 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

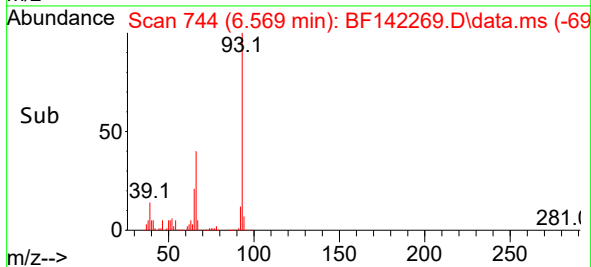
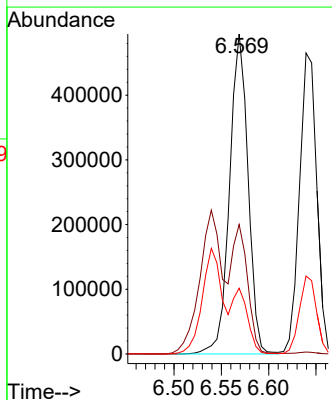
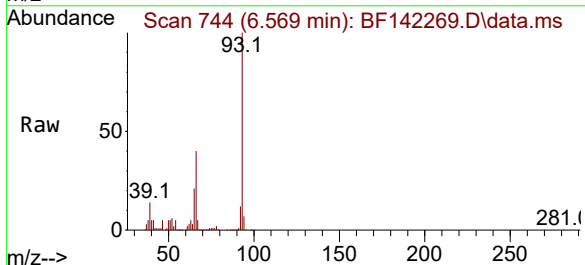
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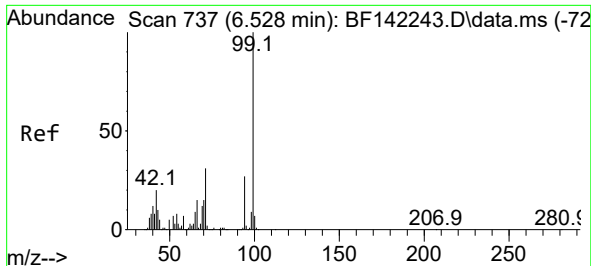
Tgt Ion:112 Resp: 1135655
Ion Ratio Lower Upper
112 100
64 61.5 48.4 72.6
63 31.9 24.8 37.2



#6
Aniline
Concen: 30.161 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion: 93 Resp: 670525
Ion Ratio Lower Upper
93 100
66 40.4 32.1 48.1
65 20.5 16.6 24.8

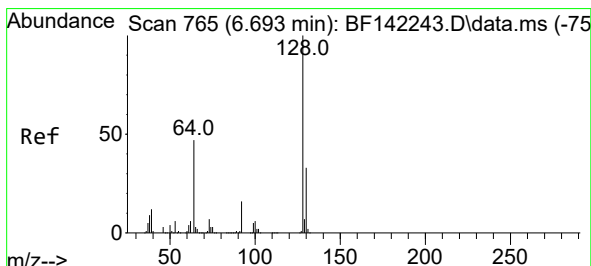
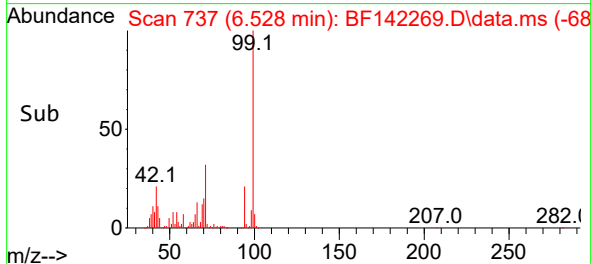
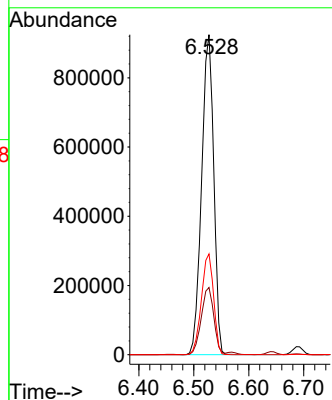
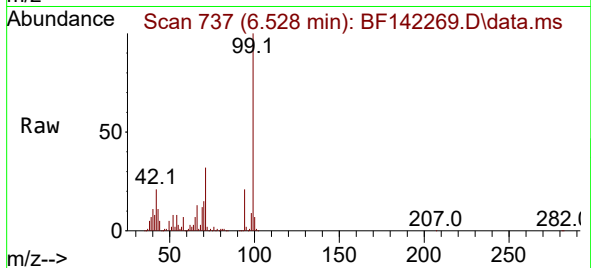




#7
Phenol-d6
Concen: 90.188 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

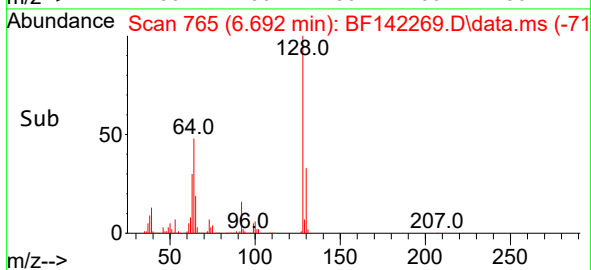
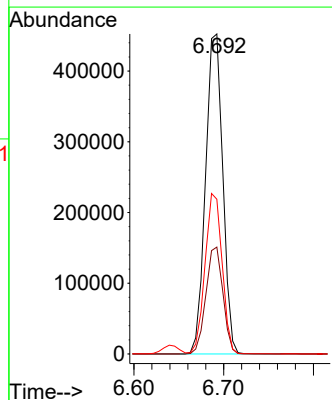
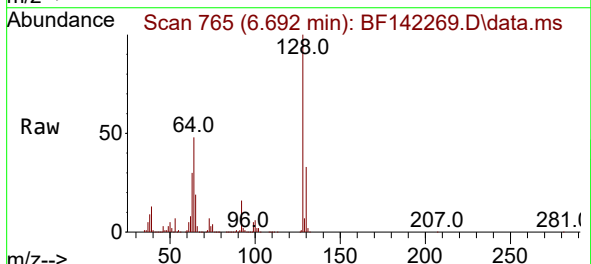
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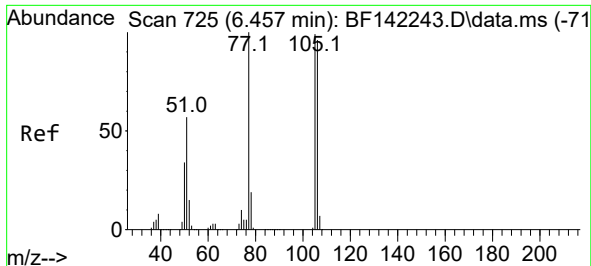
Tgt Ion: 99 Resp: 1416560
Ion Ratio Lower Upper
99 100
42 21.0 16.3 24.5
71 31.5 25.0 37.4



#8
2-Chlorophenol
Concen: 44.916 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:128 Resp: 603690
Ion Ratio Lower Upper
128 100
130 33.4 13.1 53.1
64 48.4 28.6 68.6





#9

Benzaldehyde

Concen: 27.680 ng

RT: 6.457 min Scan# 725

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

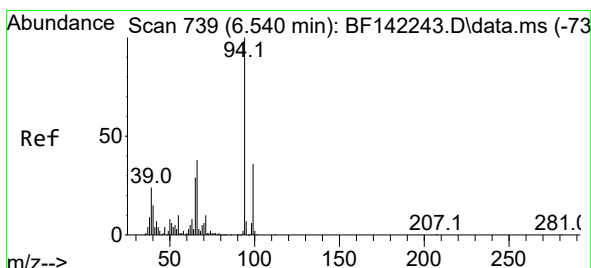
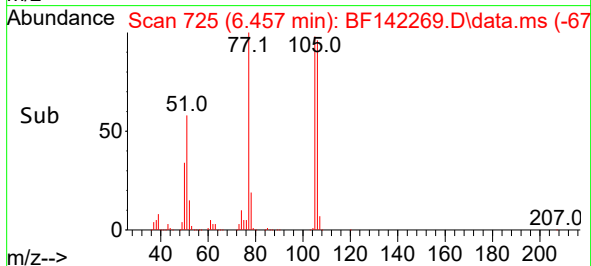
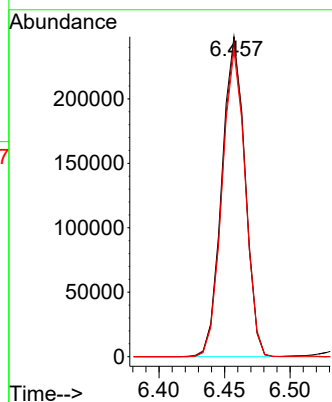
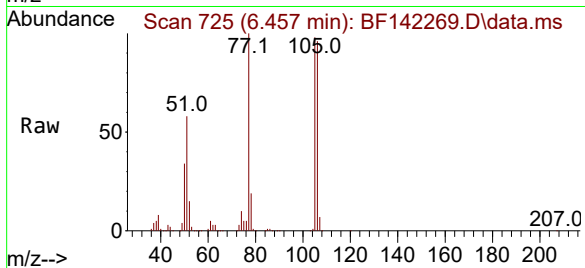
Tgt Ion: 77 Resp: 303867

Ion Ratio Lower Upper

77 100

105 98.4 79.1 119.1

106 95.6 76.0 116.0



#10

Phenol

Concen: 45.965 ng

RT: 6.539 min Scan# 739

Delta R.T. -0.000 min

Lab File: BF142269.D

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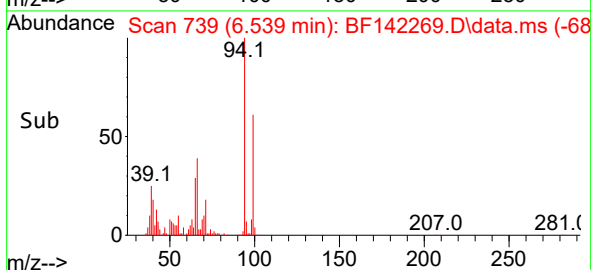
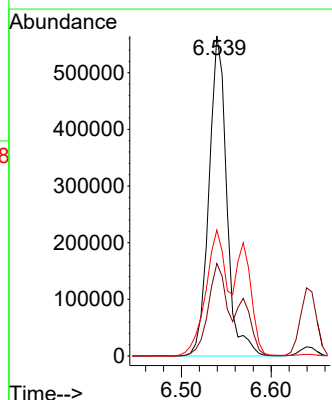
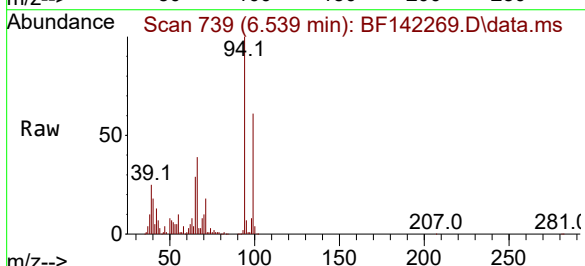
Tgt Ion: 94 Resp: 777241

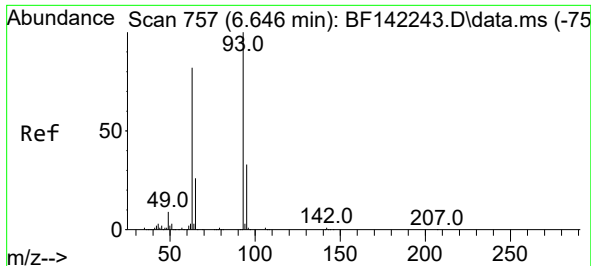
Ion Ratio Lower Upper

94 100

65 28.9 8.9 48.9

66 39.4 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 44.673 ng

RT: 6.639 min Scan# 756

Delta R.T. -0.006 min

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B-167-SB01MS

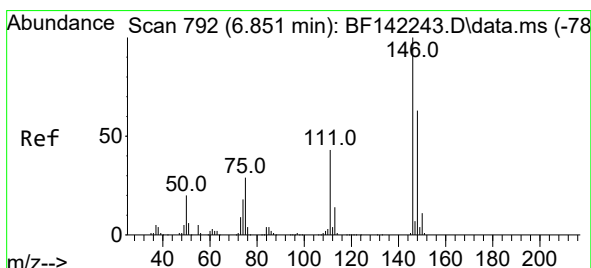
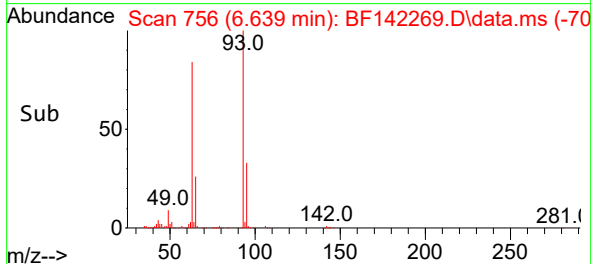
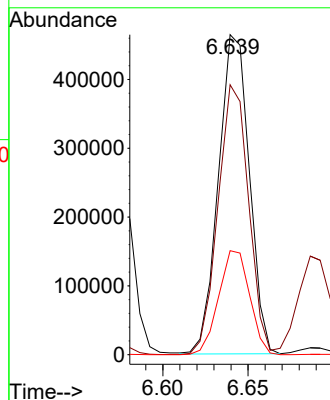
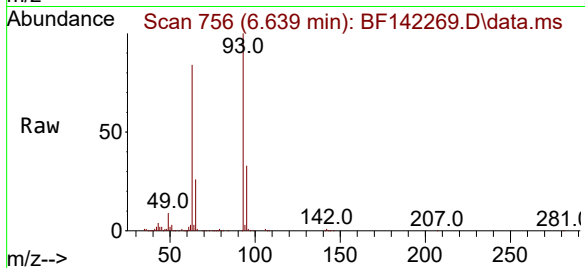
Tgt Ion: 93 Resp: 585375

Ion Ratio Lower Upper

93 100

63 84.4 62.2 102.2

95 32.5 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 43.727 ng

RT: 6.851 min Scan# 792

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

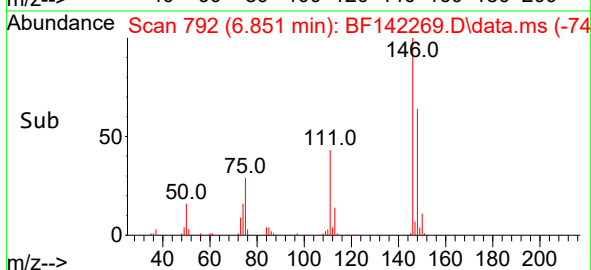
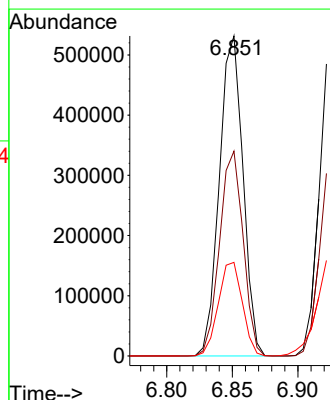
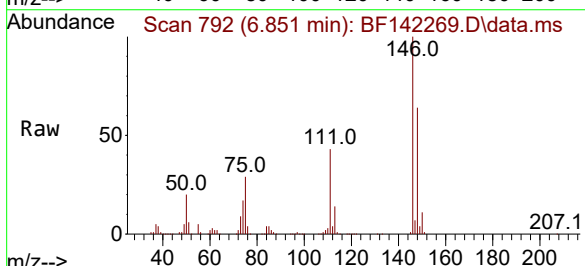
Tgt Ion:146 Resp: 664859

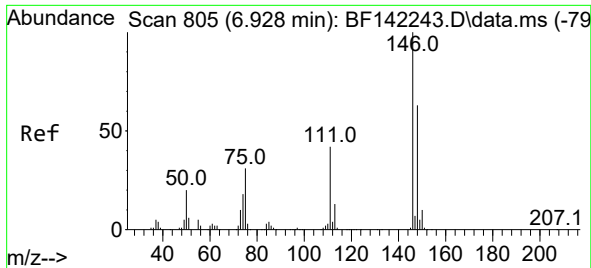
Ion Ratio Lower Upper

146 100

148 64.0 50.5 75.7

75 29.3 23.2 34.8

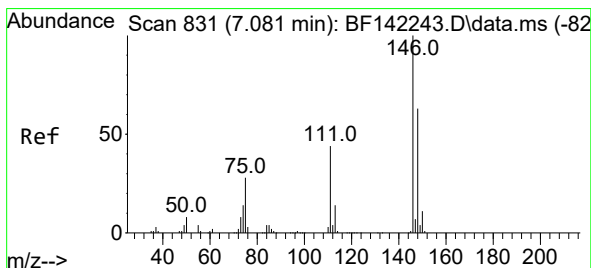
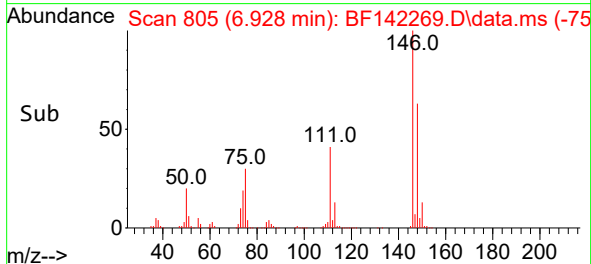
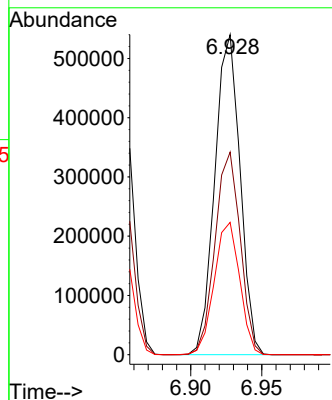
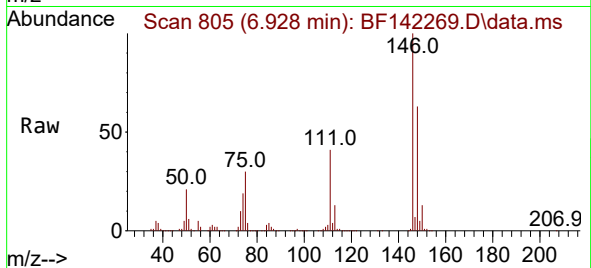




#13
1,4-Dichlorobenzene
Concen: 43.645 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

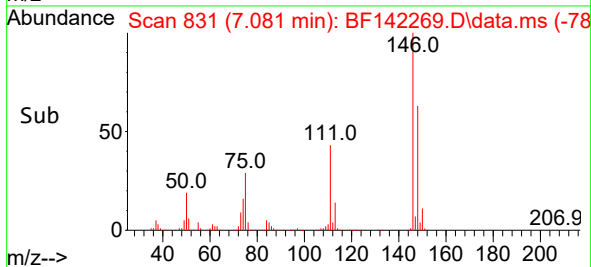
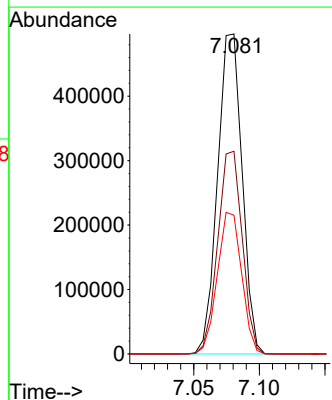
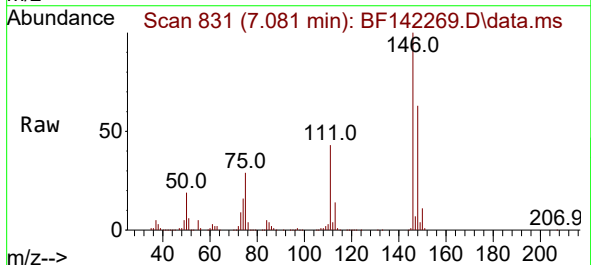
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

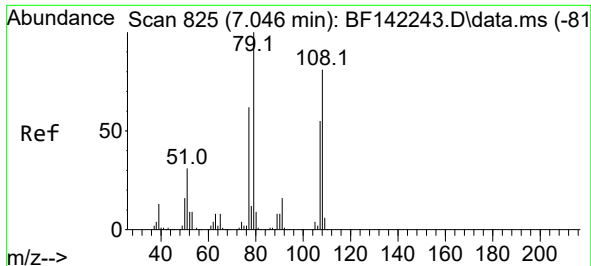
Tgt Ion:146 Resp: 668597
Ion Ratio Lower Upper
146 100
148 63.3 50.6 76.0
111 41.3 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 44.210 ng
RT: 7.081 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:146 Resp: 646554
Ion Ratio Lower Upper
146 100
148 63.3 50.5 75.7
111 43.4 34.9 52.3

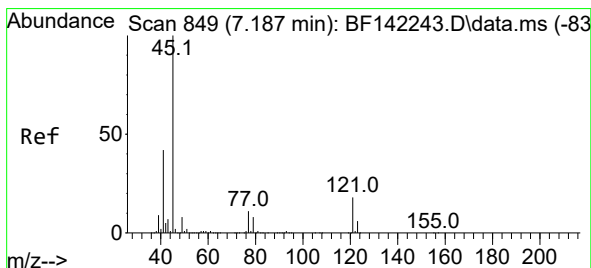
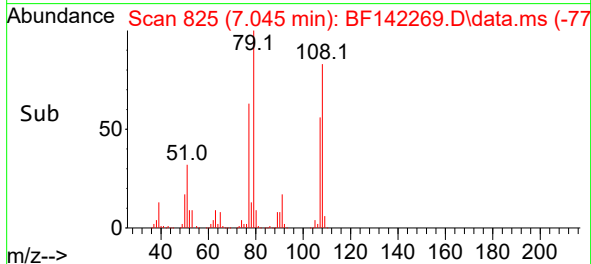
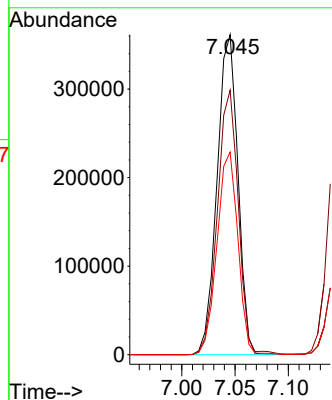
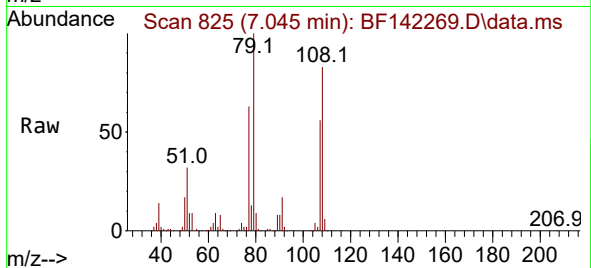




#15
Benzyl Alcohol
Concen: 43.935 ng
RT: 7.045 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

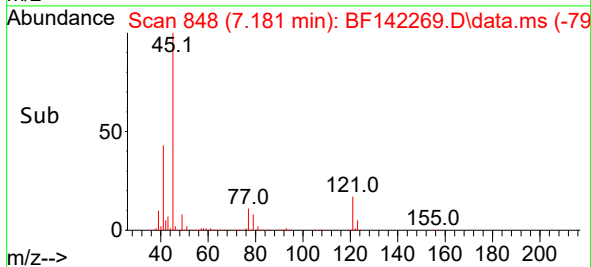
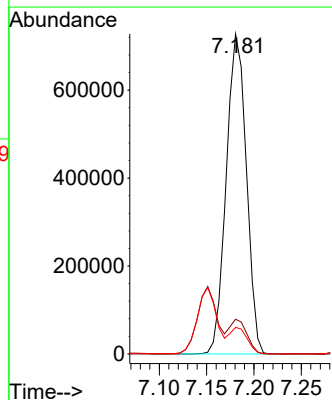
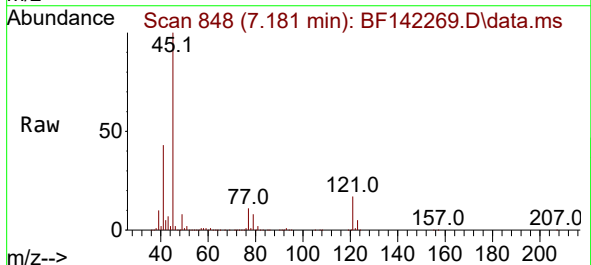
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

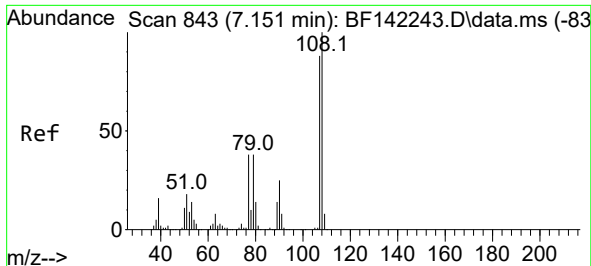
Tgt Ion: 79 Resp: 489425
Ion Ratio Lower Upper
79 100
108 82.6 64.5 96.7
77 63.3 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.436 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

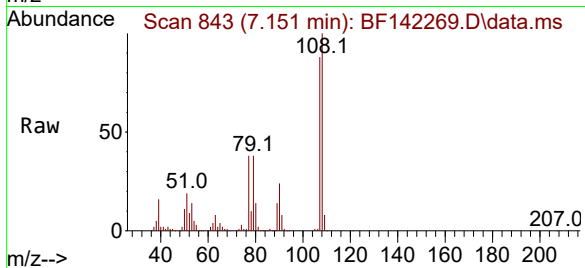
Tgt Ion: 45 Resp: 1075078
Ion Ratio Lower Upper
45 100
77 10.8 0.0 31.3
79 8.3 0.0 28.5



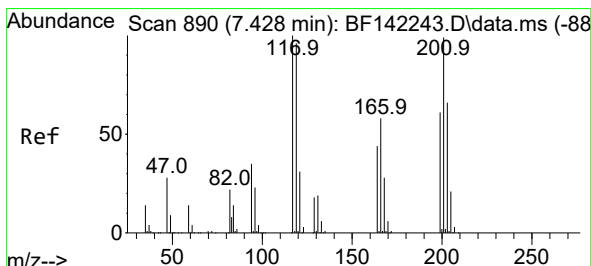
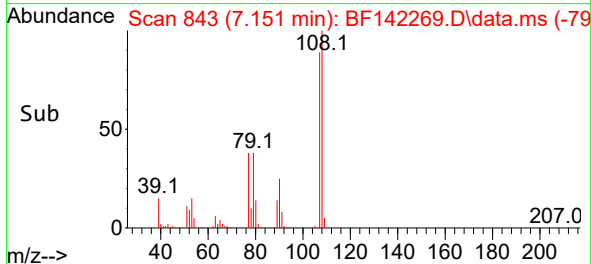
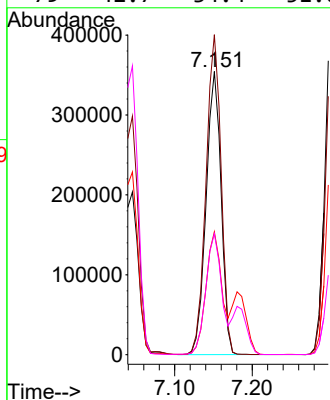


#17
2-Methylphenol
Concen: 43.327 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

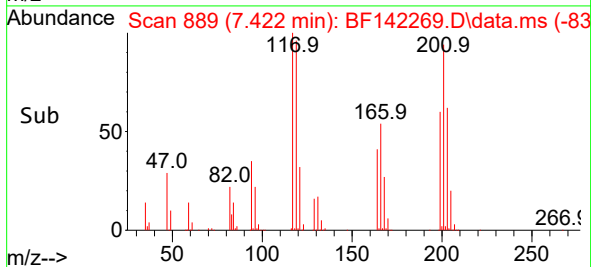
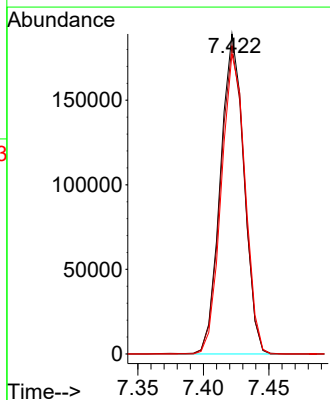
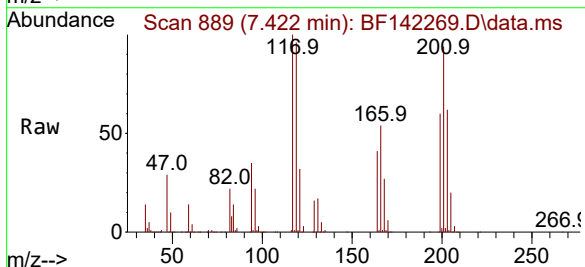


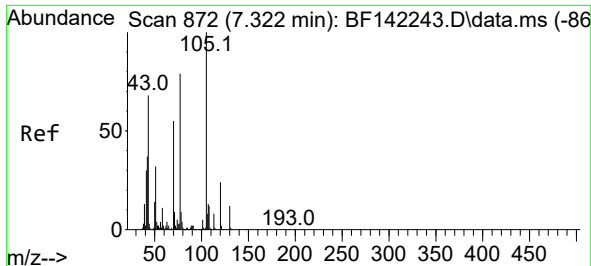
Tgt Ion:	107	Resp:	477055
Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.0	136.4
77	43.4	34.4	51.6
79	42.7	34.4	51.6



#18
Hexachloroethane
Concen: 47.116 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:	117	Resp:	236235
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.1	115.7
201	93.7	79.4	119.2

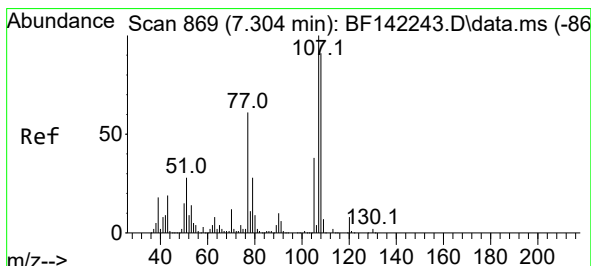
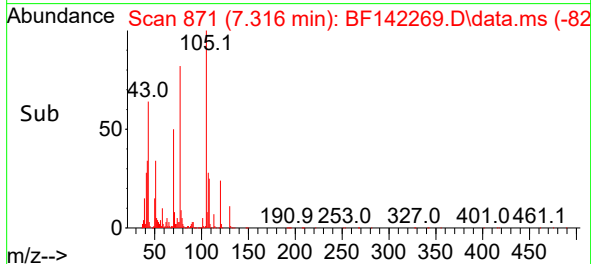
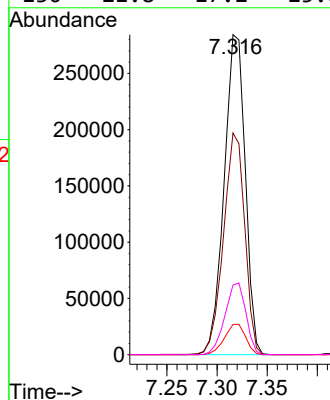
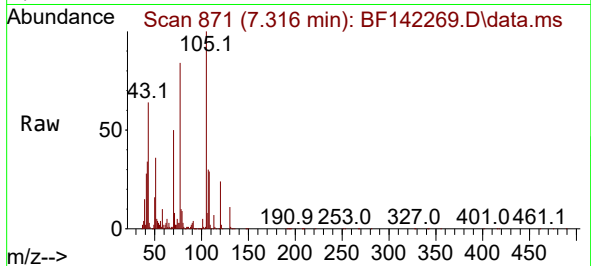




#19
n-Nitroso-di-n-propylamine
Concen: 42.906 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

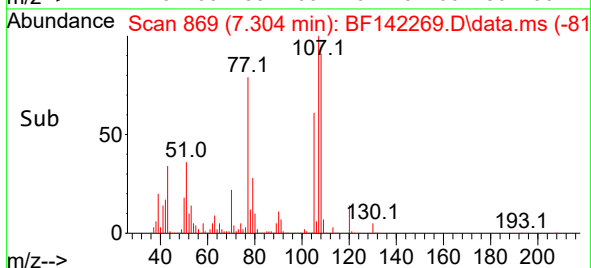
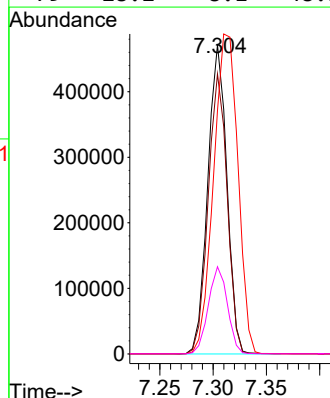
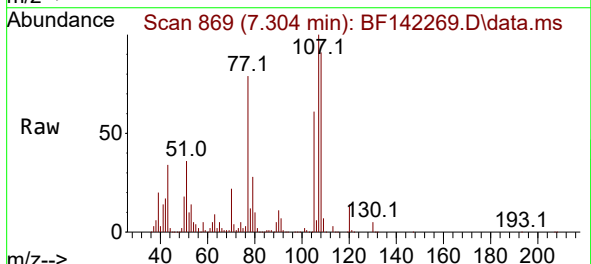
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

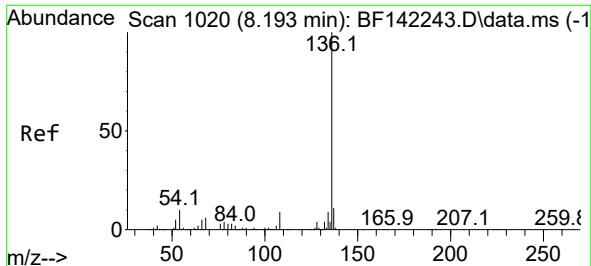
Tgt Ion: 70 Resp: 416439
Ion Ratio Lower Upper
70 100
42 69.2 53.4 80.2
101 9.5 7.7 11.5
130 21.8 17.2 25.8



#20
3+4-Methylphenols
Concen: 42.844 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

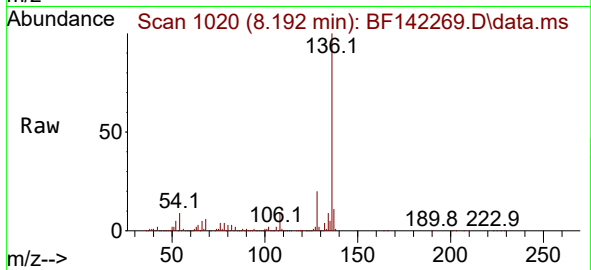
Tgt Ion: 107 Resp: 589920
Ion Ratio Lower Upper
107 100
108 90.5 71.2 111.2
77 78.7 41.1 81.1
79 28.2 8.1 48.1



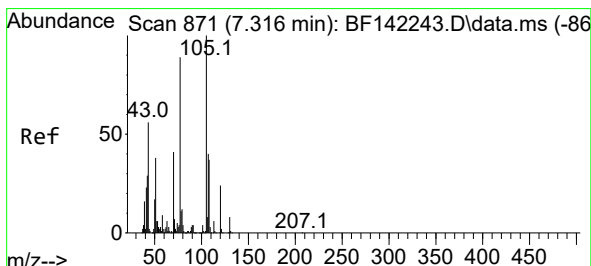
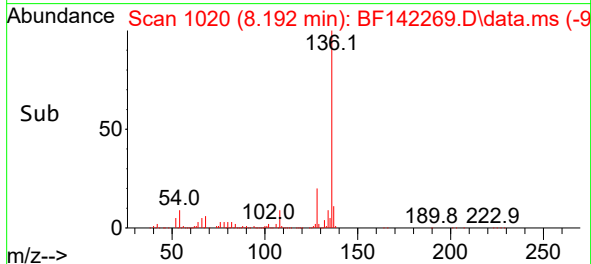
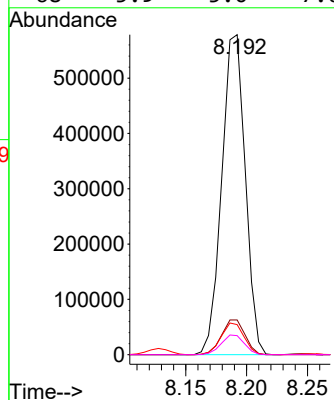


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 10
Delta R.T. -0.001 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

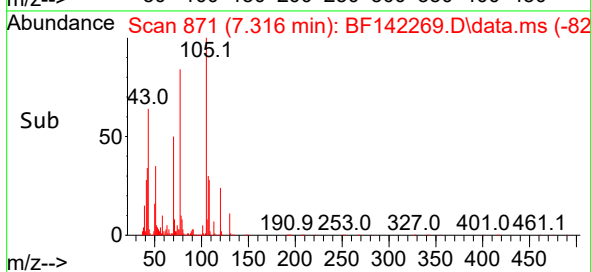
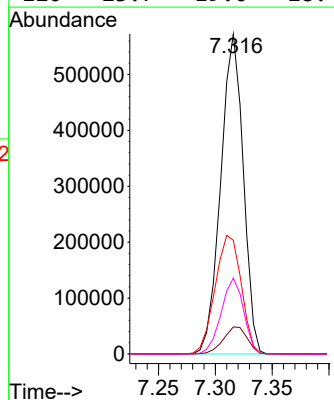
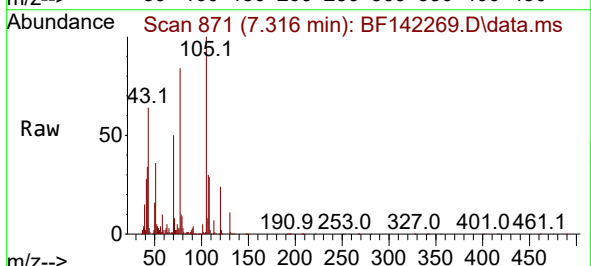


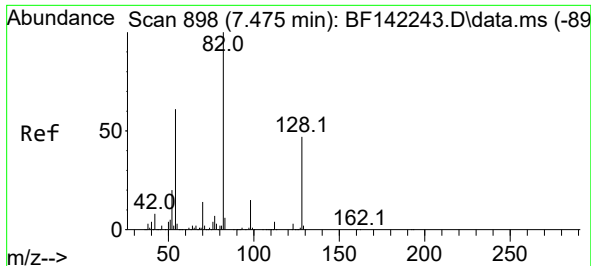
Tgt Ion:136 Resp: 776941
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.4 7.7 11.5
68 5.9 5.0 7.6



#22
Acetophenone
Concen: 43.959 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:105 Resp: 790127
Ion Ratio Lower Upper
105 100
71 8.4 5.7 8.5
51 35.6 30.1 45.1
120 23.7 19.0 28.4





#23

Nitrobenzene-d5

Concen: 68.080 ng

RT: 7.469 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

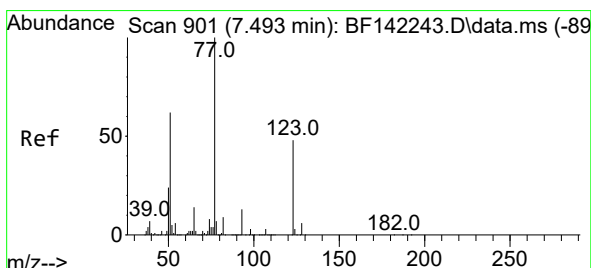
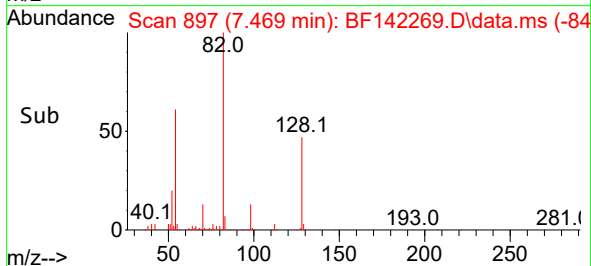
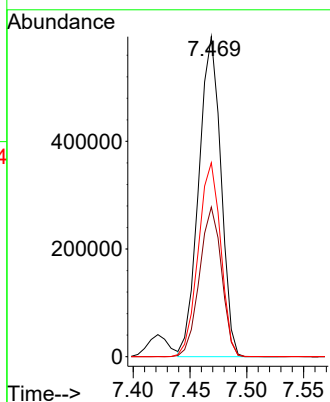
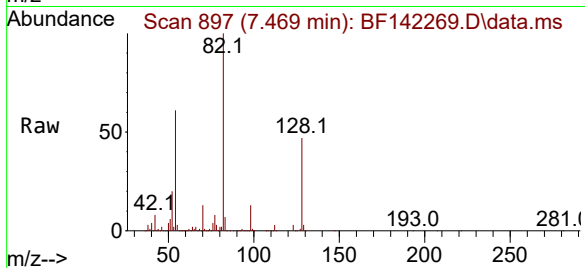
Tgt Ion: 82 Resp: 805120

Ion Ratio Lower Upper

82 100

128 46.8 37.0 55.6

54 60.6 48.0 72.0



#24

Nitrobenzene

Concen: 50.970 ng

RT: 7.486 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

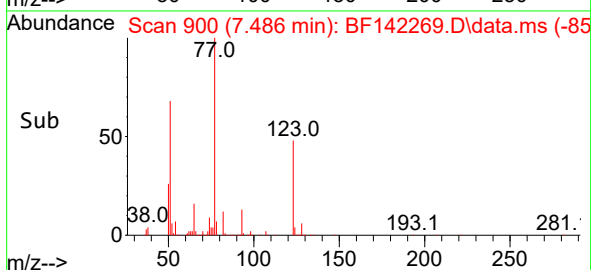
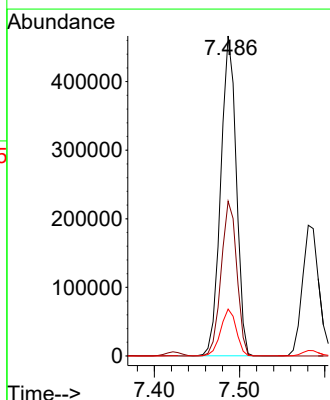
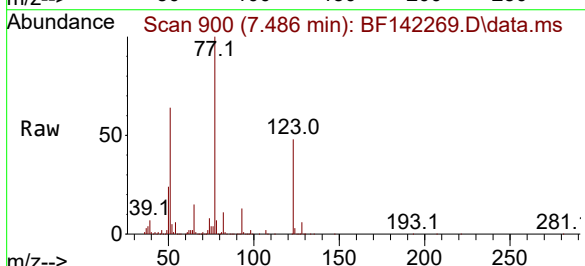
Tgt Ion: 77 Resp: 591434

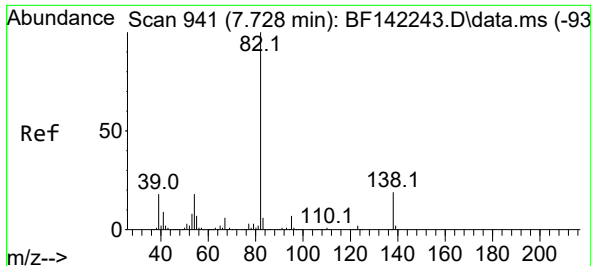
Ion Ratio Lower Upper

77 100

123 48.3 38.6 58.0

65 14.7 11.5 17.3

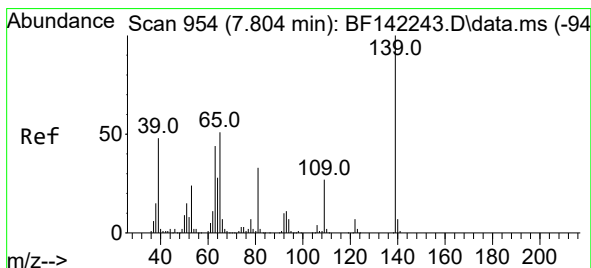
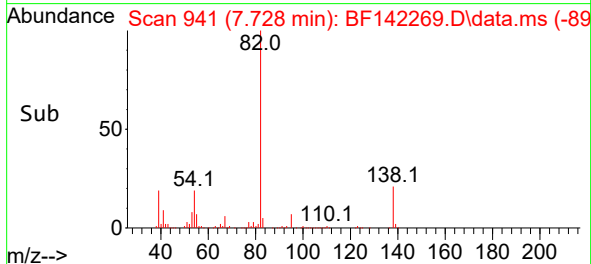
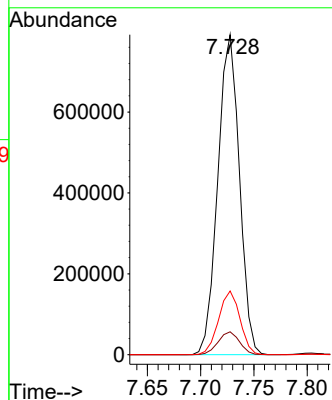
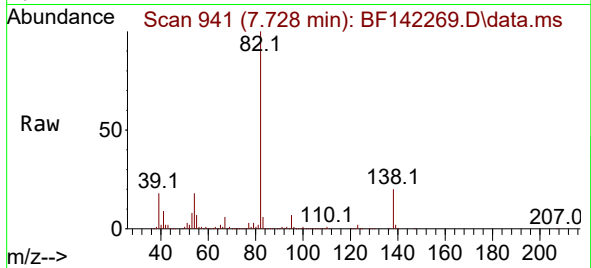




#25
Isophorone
Concen: 44.887 ng
RT: 7.728 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

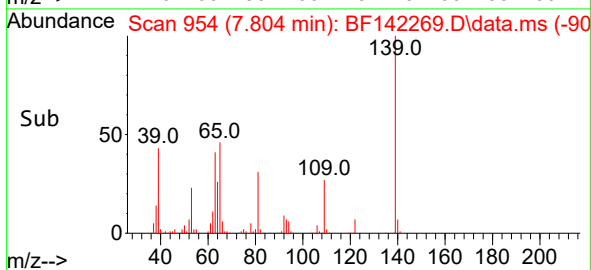
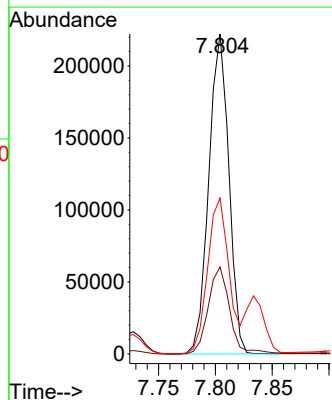
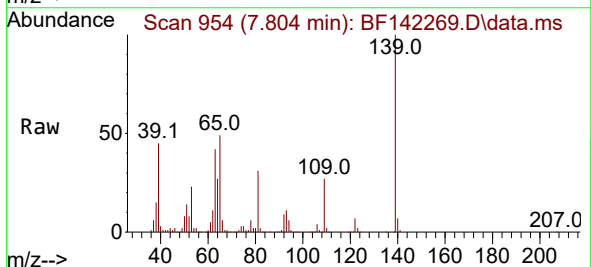
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

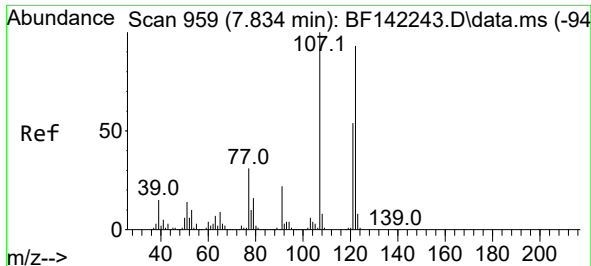
Tgt Ion: 82 Resp: 1114078
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 19.9 15.3 22.9



#26
2-Nitrophenol
Concen: 54.190 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:139 Resp: 273106
Ion Ratio Lower Upper
139 100
109 27.2 21.8 32.8
65 48.7 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 43.994 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

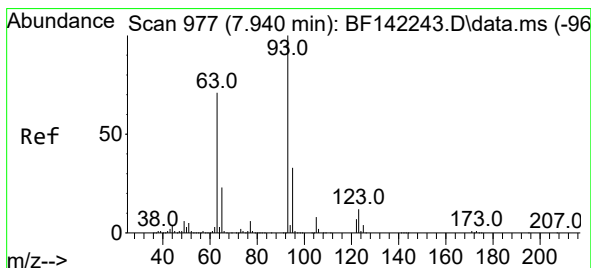
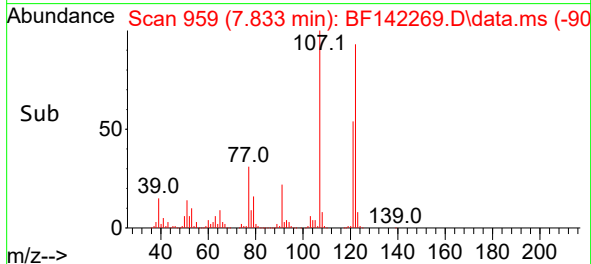
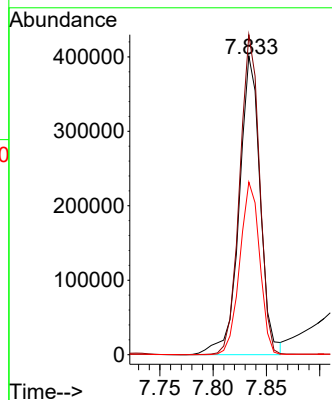
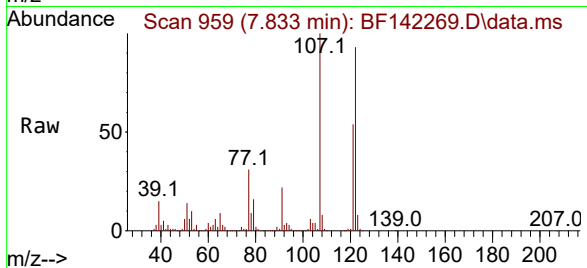
Tgt Ion:122 Resp: 550527

Ion Ratio Lower Upper

122 100

107 107.1 86.0 129.0

121 57.8 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 44.807 ng

RT: 7.933 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

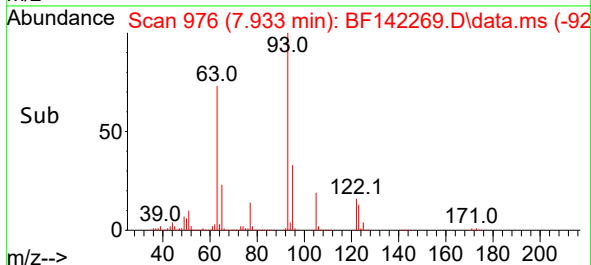
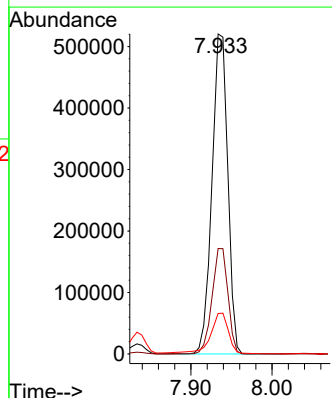
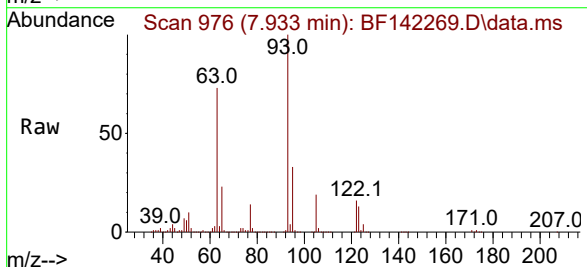
Tgt Ion: 93 Resp: 701365

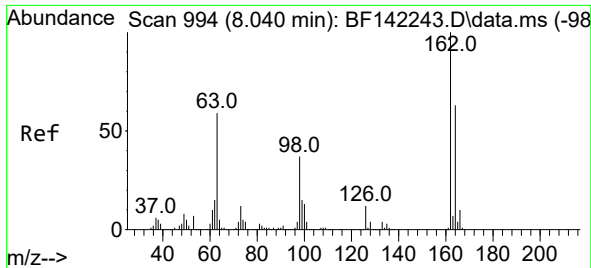
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.2

123 12.6 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 45.581 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

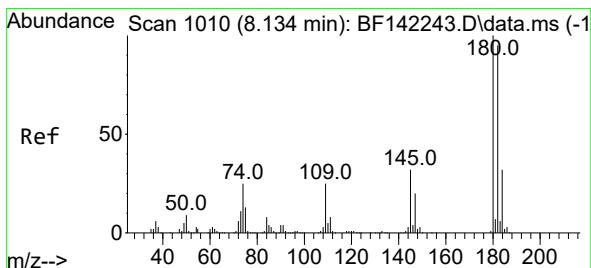
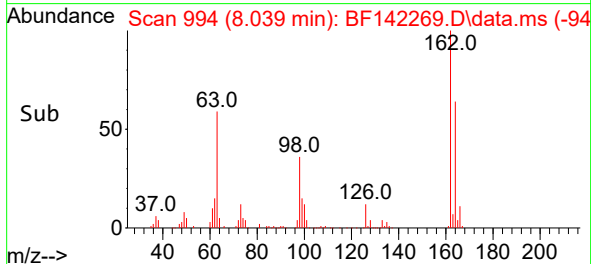
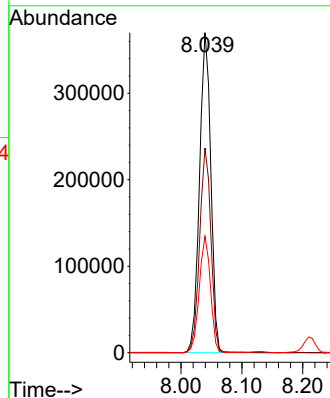
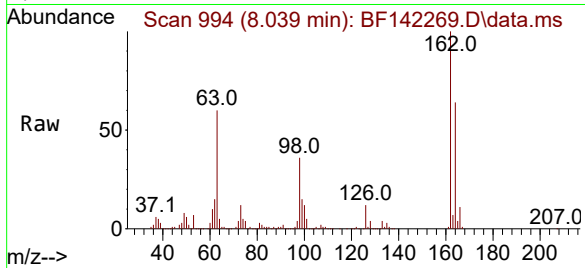
Tgt Ion:162 Resp: 476870

Ion Ratio Lower Upper

162 100

164 63.9 43.0 83.0

98 36.4 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 45.620 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

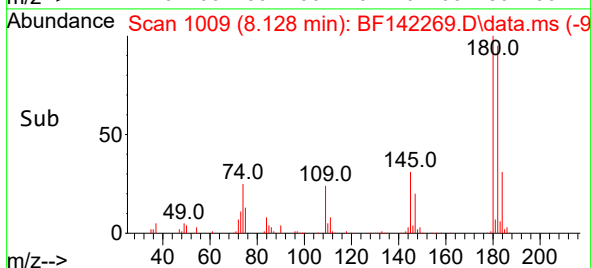
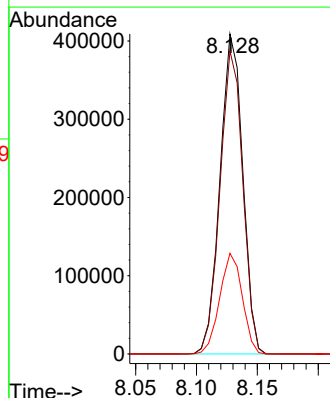
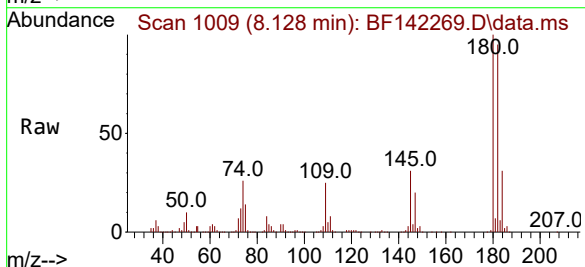
Tgt Ion:180 Resp: 532603

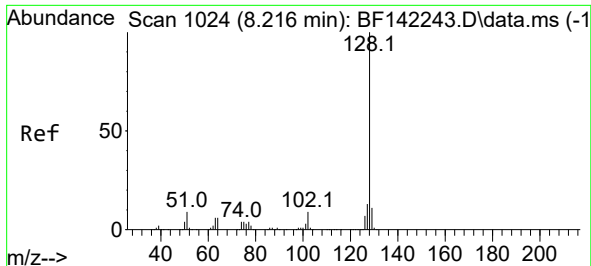
Ion Ratio Lower Upper

180 100

182 94.7 75.7 113.5

145 31.5 25.4 38.0

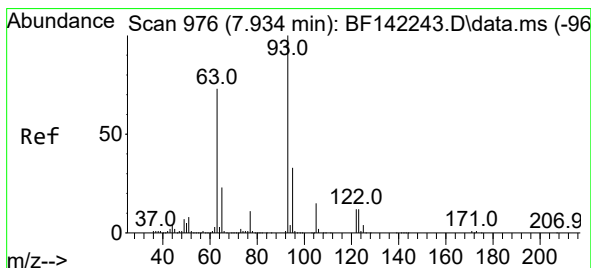
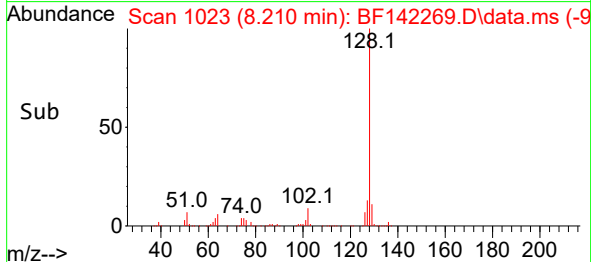
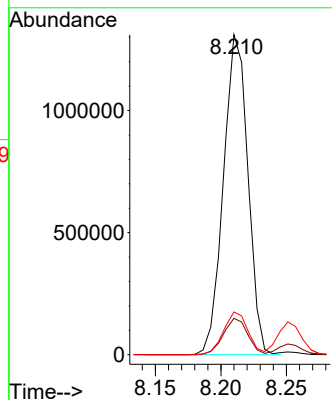
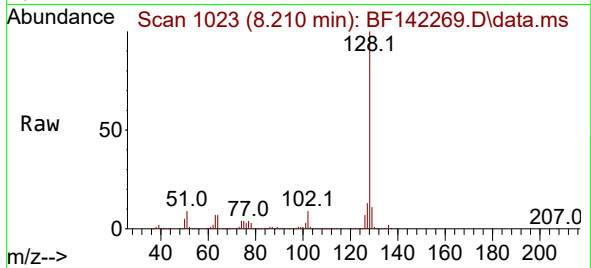




#31
Naphthalene
Concen: 43.900 ng
RT: 8.210 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

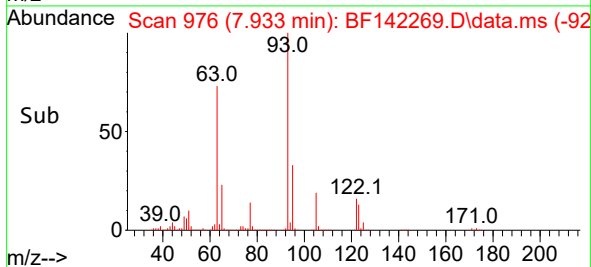
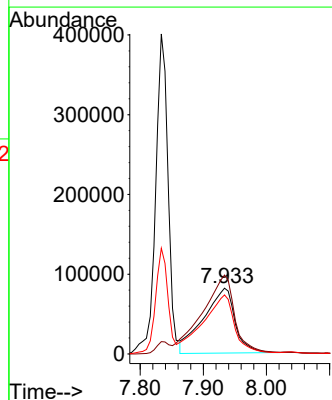
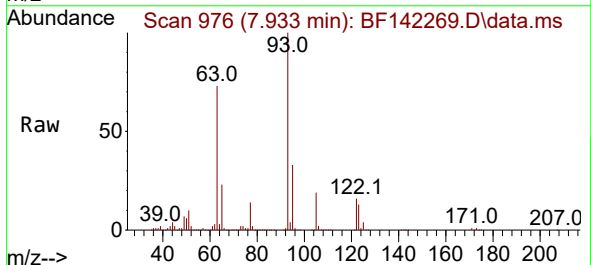
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

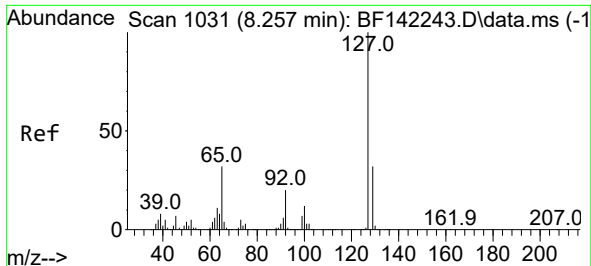
Tgt Ion:128 Resp: 1700955
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 47.659 ng
RT: 7.933 min Scan# 976
Delta R.T. -0.001 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:122 Resp: 283194
Ion Ratio Lower Upper
122 100
105 120.2 98.2 138.2
77 89.8 66.8 106.8

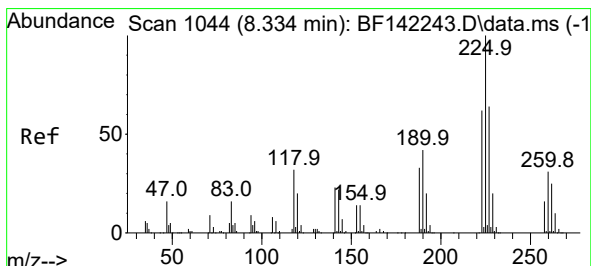
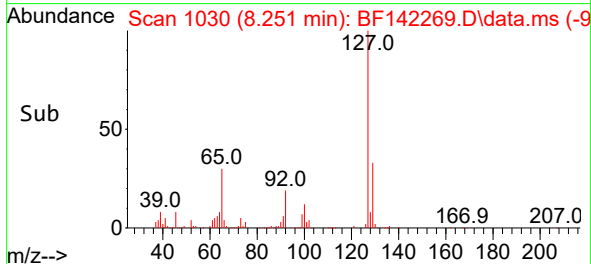
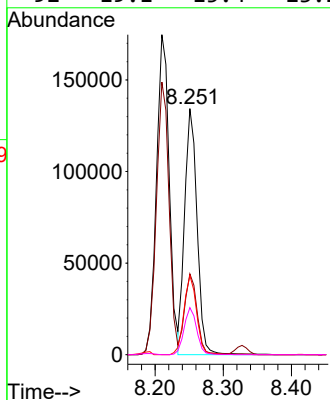
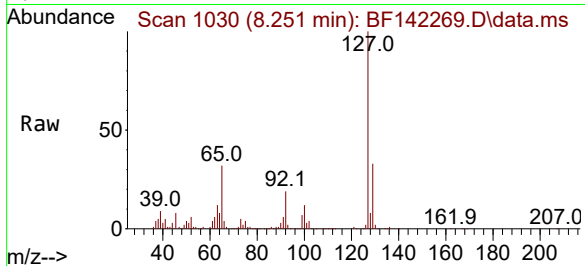




#33
4-Chloroaniline
Concen: 10.545 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

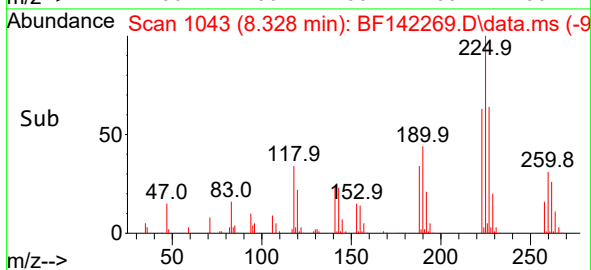
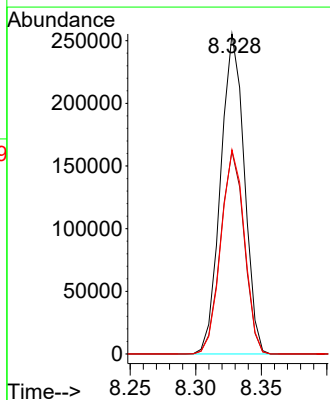
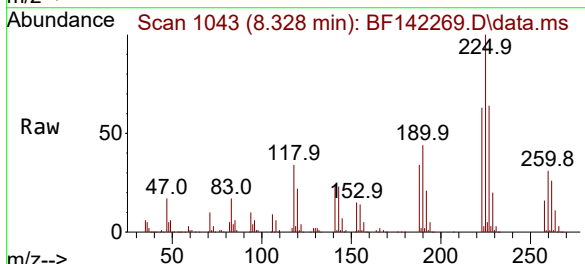
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

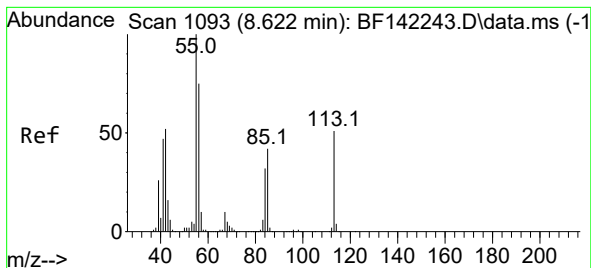
Tgt Ion:	127	Resp:	170132
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.1	39.1
65	32.2	25.5	38.3
92	19.1	15.4	23.2



#34
Hexachlorobutadiene
Concen: 46.920 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:	225	Resp:	319589
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.7	74.5
227	63.8	51.0	76.4





#35

Caprolactam

Concen: 43.458 ng

RT: 8.622 min Scan# 1093

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

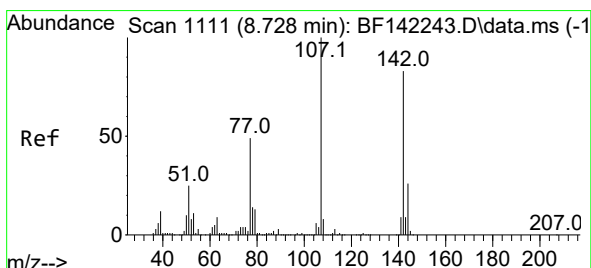
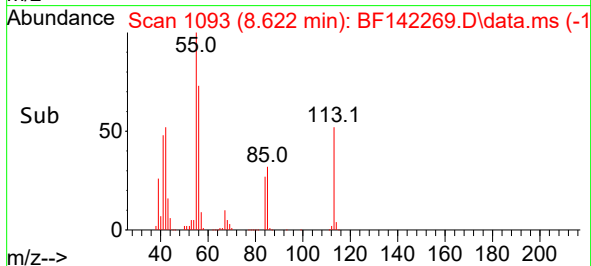
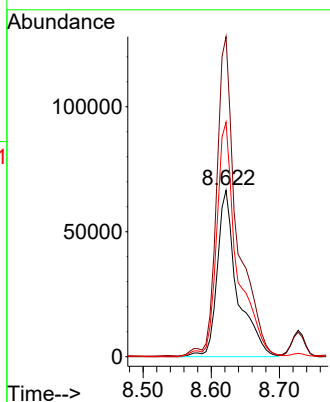
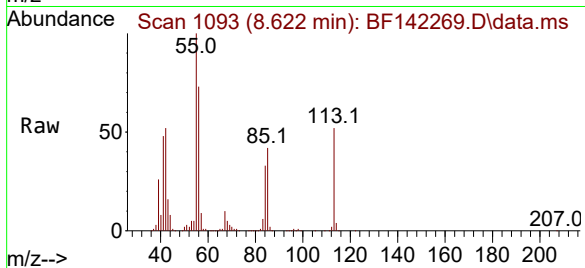
Tgt Ion:113 Resp: 136658

Ion Ratio Lower Upper

113 100

55 192.3 177.7 217.7

56 141.0 127.1 167.1



#36

4-Chloro-3-methylphenol

Concen: 42.138 ng

RT: 8.728 min Scan# 1111

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

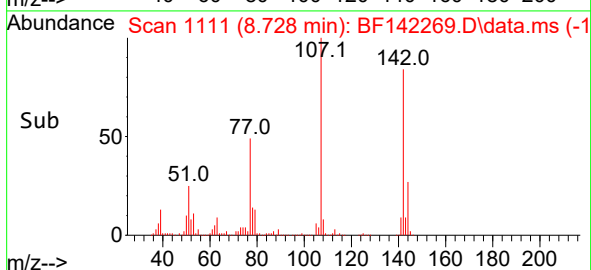
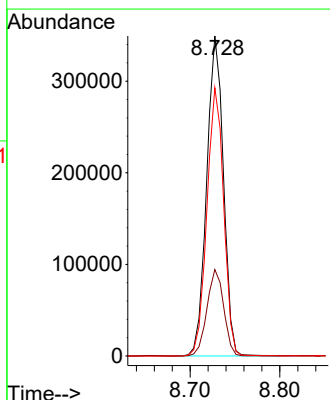
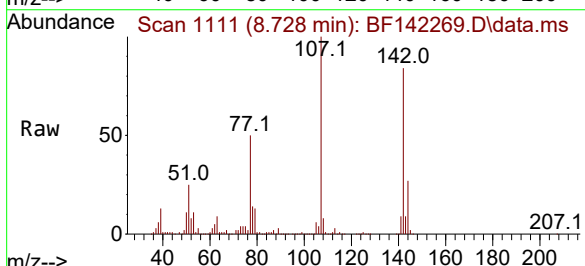
Tgt Ion:107 Resp: 452691

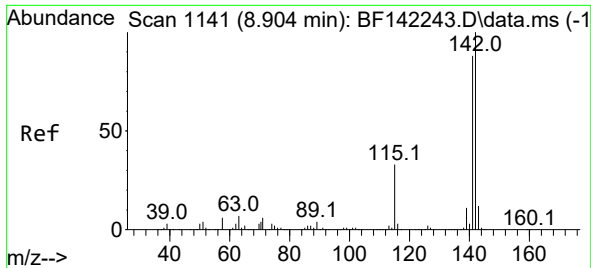
Ion Ratio Lower Upper

107 100

144 27.0 21.0 31.4

142 83.8 66.1 99.1

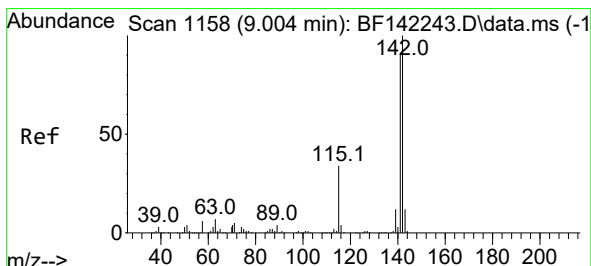
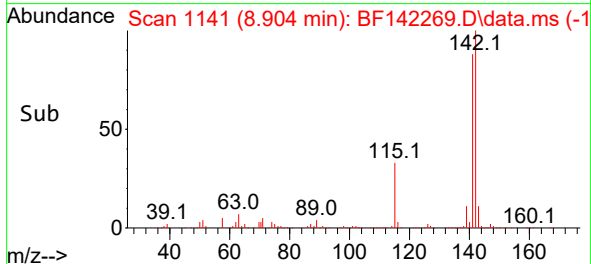
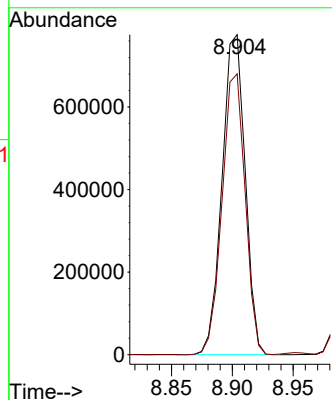
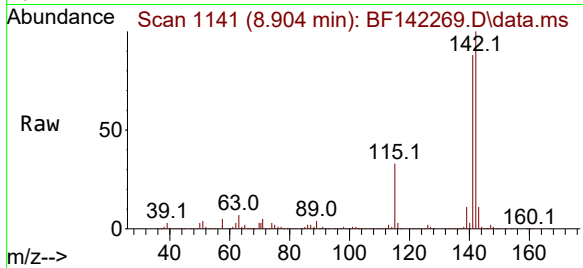




#37
2-Methylnaphthalene
Concen: 42.967 ng
RT: 8.904 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

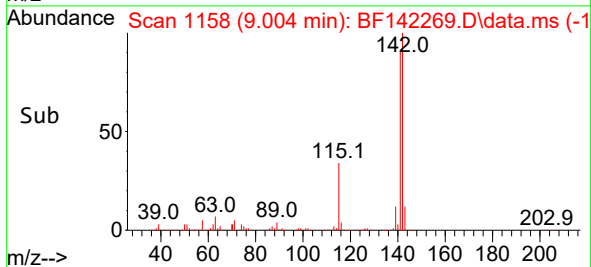
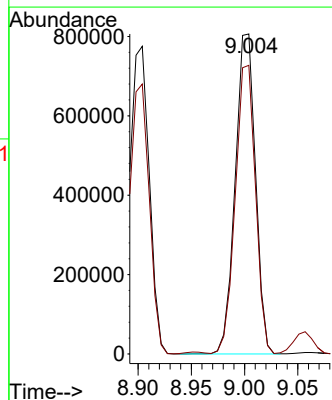
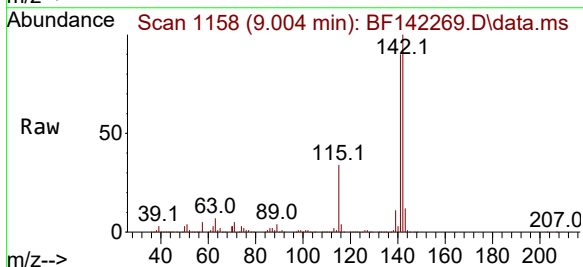
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

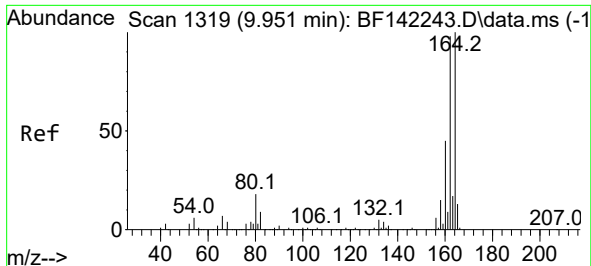
Tgt Ion:142 Resp: 1023582
Ion Ratio Lower Upper
142 100
141 87.7 70.5 105.7



#38
1-Methylnaphthalene
Concen: 43.280 ng
RT: 9.004 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:142 Resp: 1068100
Ion Ratio Lower Upper
142 100
141 90.2 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: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

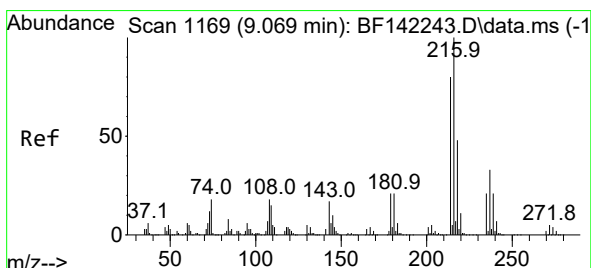
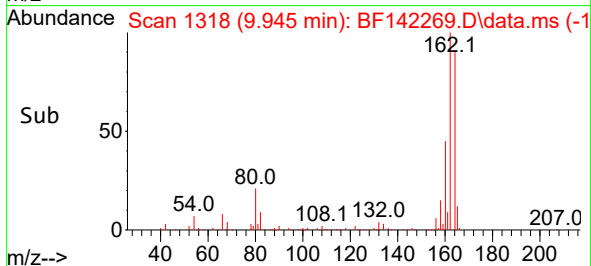
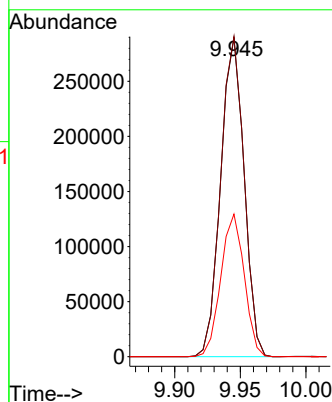
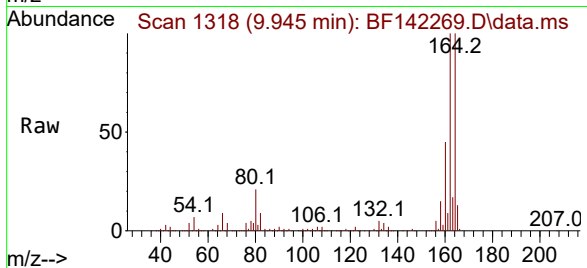
Tgt Ion:164 Resp: 359640

Ion Ratio Lower Upper

164 100

162 100.5 78.6 117.8

160 44.8 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.910 ng

RT: 9.069 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Tgt Ion:216 Resp: 495043

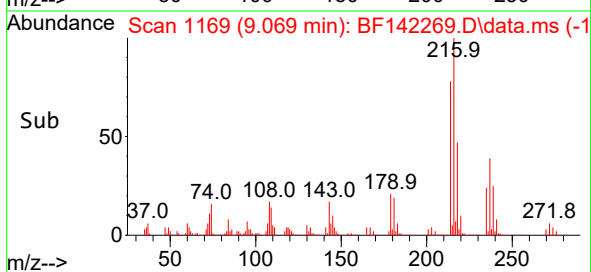
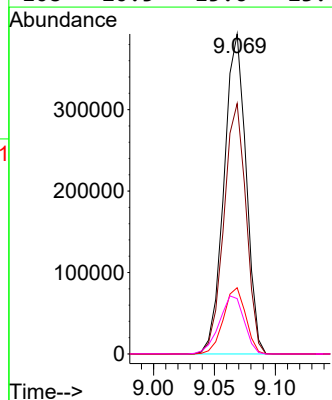
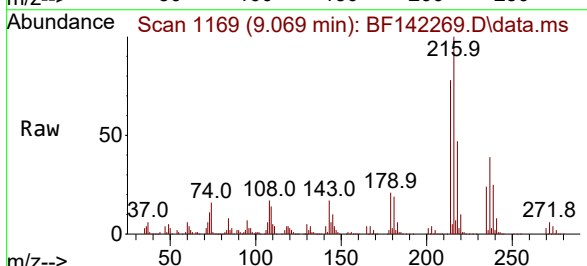
Ion Ratio Lower Upper

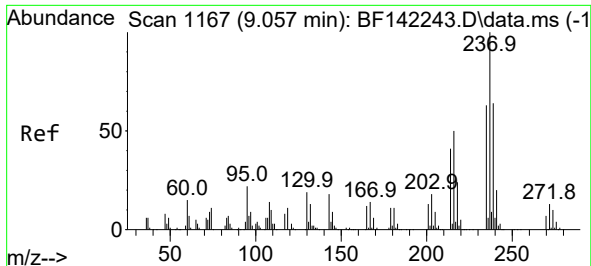
216 100

214 78.4 63.8 95.6

179 20.8 16.7 25.1

108 20.5 15.6 23.4

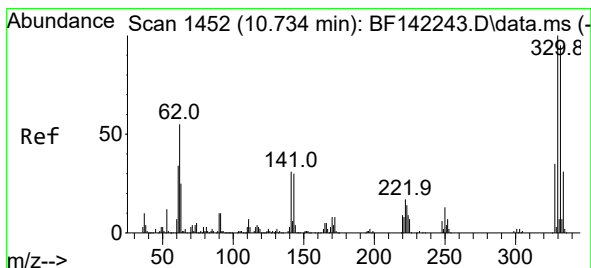
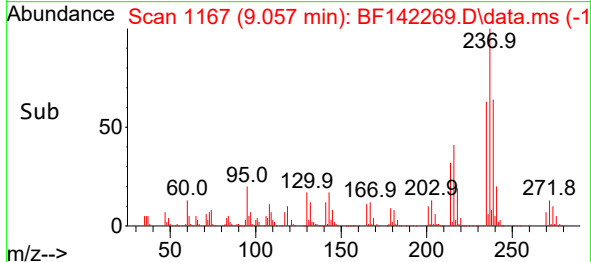
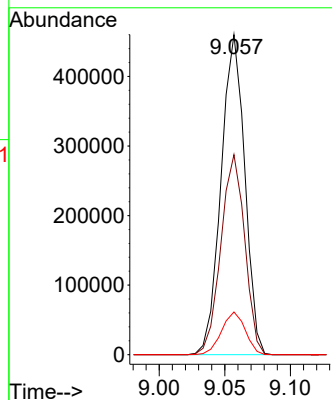
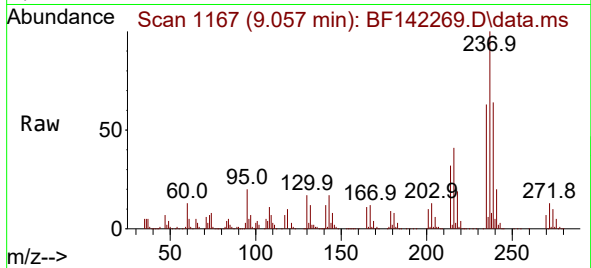




#41
Hexachlorocyclopentadiene
Concen: 100.490 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

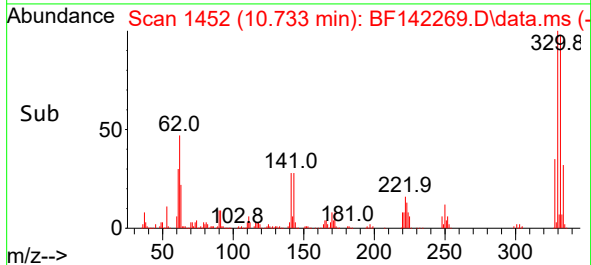
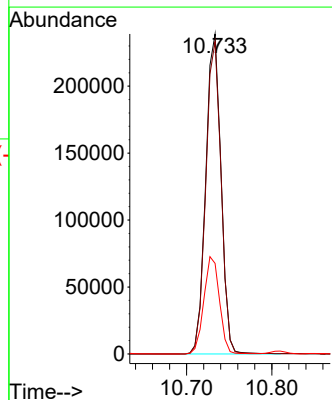
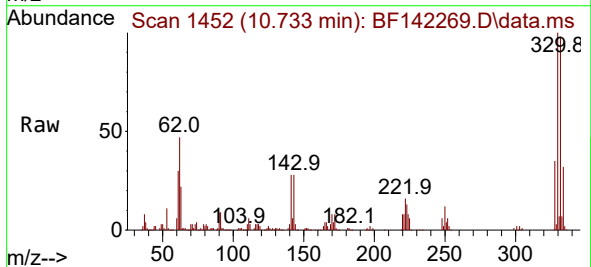
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

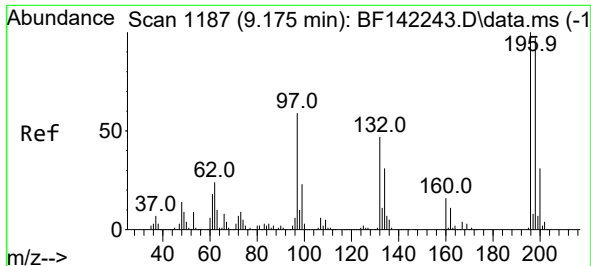
Tgt Ion:237 Resp: 577255
Ion Ratio Lower Upper
237 100
235 62.5 43.5 83.5
272 13.3 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 90.840 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:330 Resp: 297829
Ion Ratio Lower Upper
330 100
332 97.5 76.5 114.7
141 31.1 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 51.266 ng

RT: 9.175 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

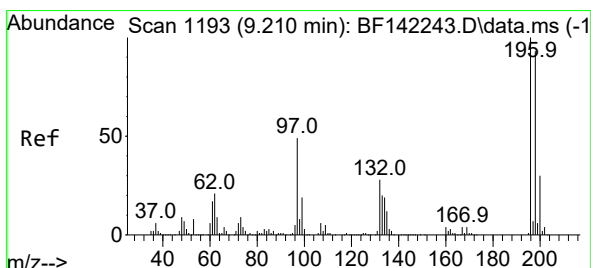
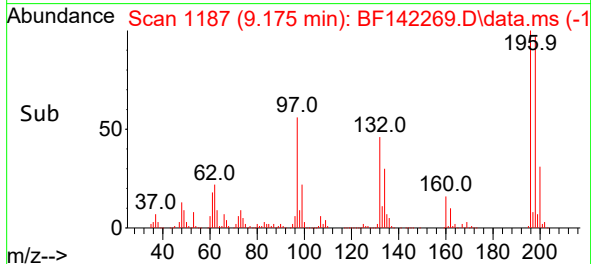
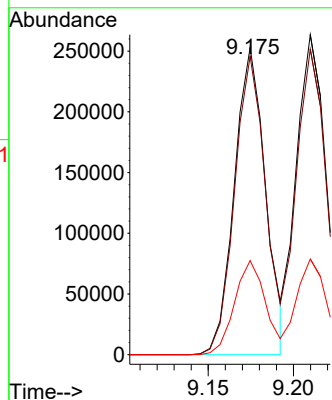
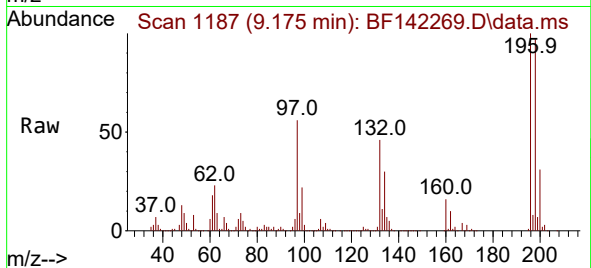
Tgt Ion:196 Resp: 321539

Ion Ratio Lower Upper

196 100

198 97.1 77.4 116.2

200 30.7 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 48.342 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Tgt Ion:196 Resp: 318776

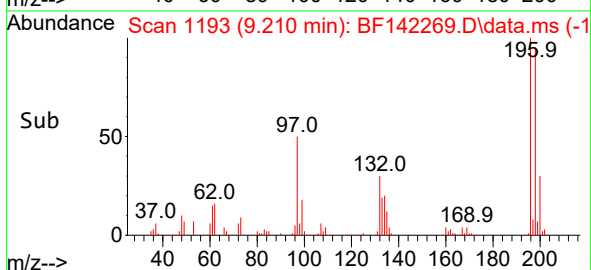
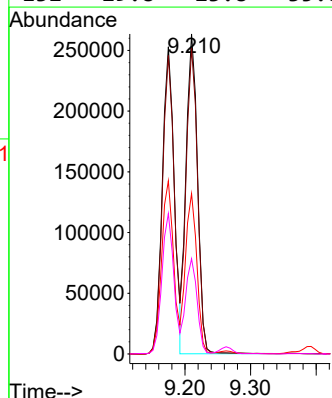
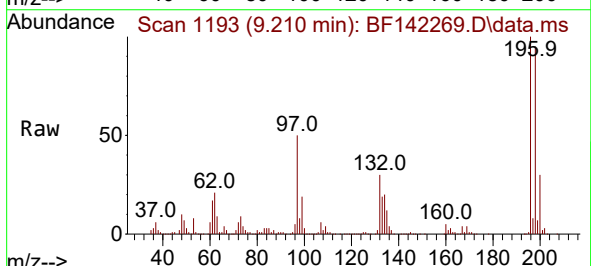
Ion Ratio Lower Upper

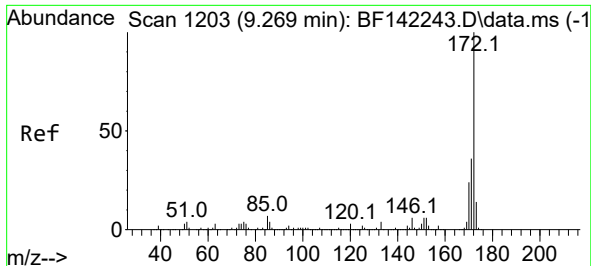
196 100

198 95.5 75.2 112.8

97 50.1 39.8 59.8

132 29.8 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 63.132 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

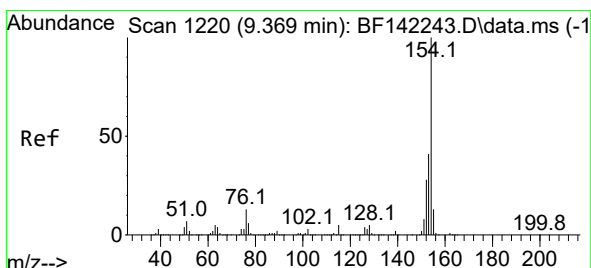
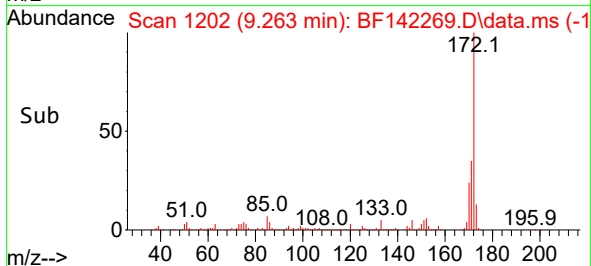
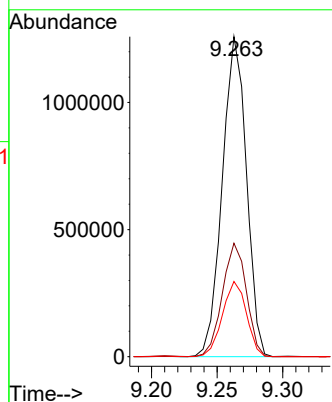
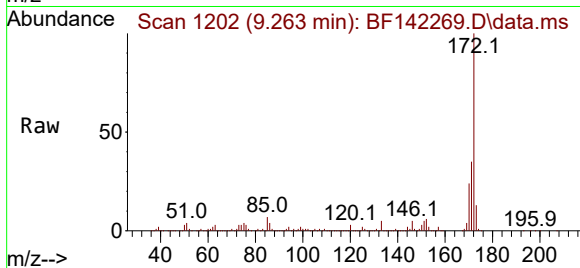
Tgt Ion:172 Resp: 1610323

Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.4

170 23.5 19.4 29.0



#46

1,1'-Biphenyl

Concen: 47.717 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

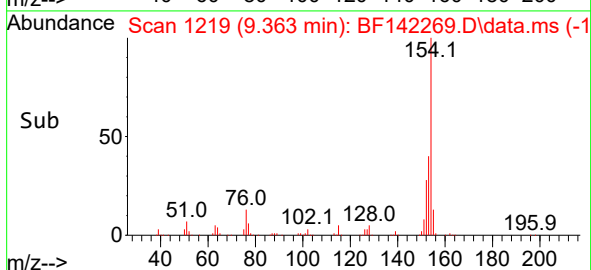
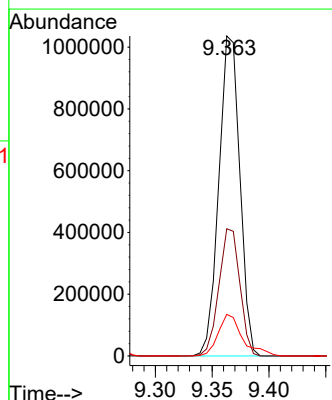
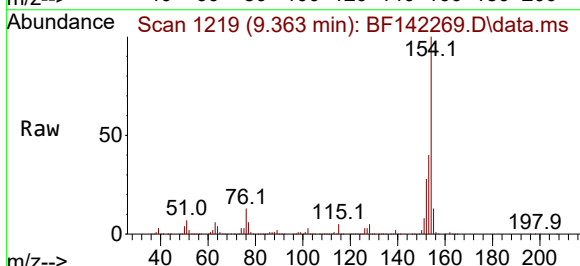
Tgt Ion:154 Resp: 1334117

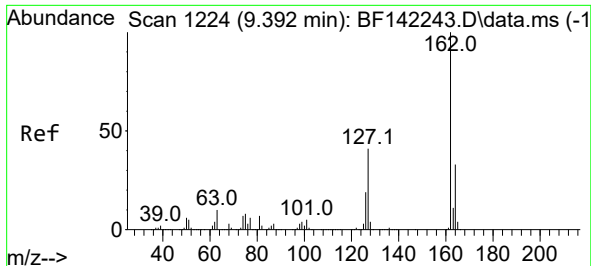
Ion Ratio Lower Upper

154 100

153 39.7 20.5 60.5

76 13.0 0.0 32.8

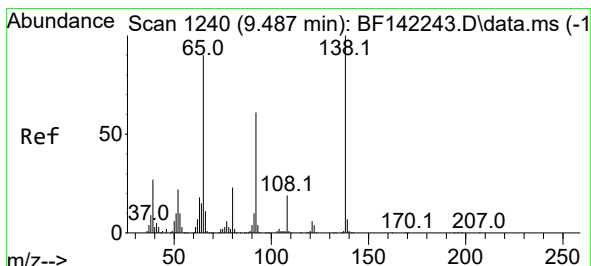
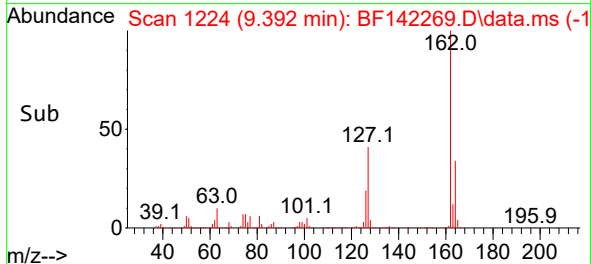
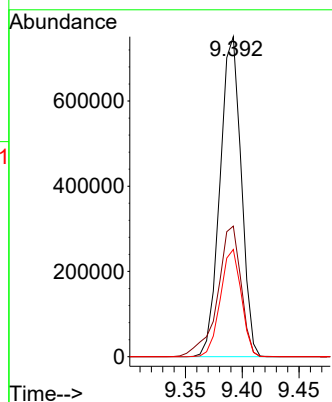
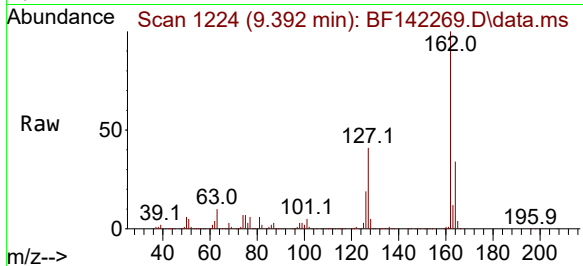




#47
2-Chloronaphthalene
Concen: 46.922 ng
RT: 9.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

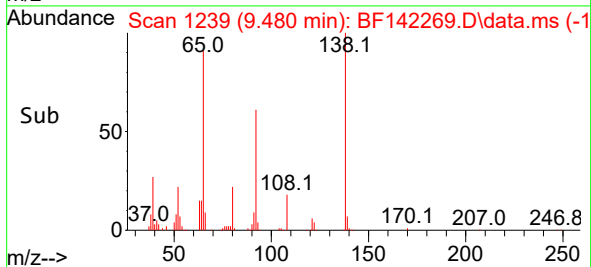
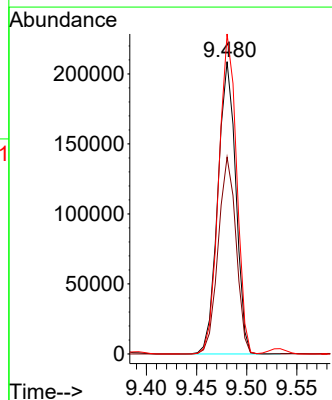
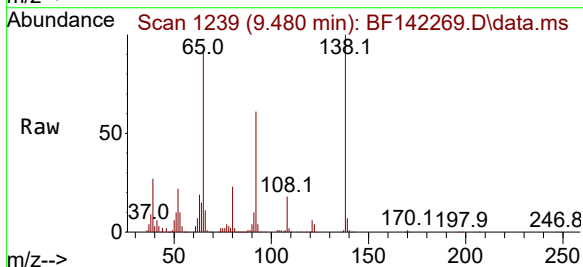
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

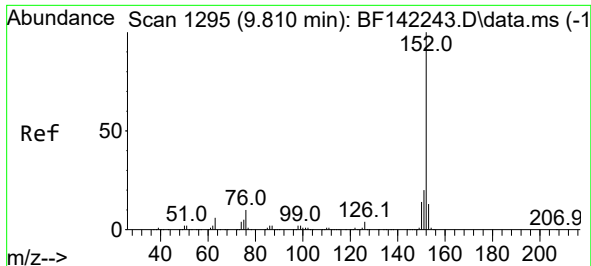
Tgt Ion:162 Resp: 976038
Ion Ratio Lower Upper
162 100
127 40.8 32.6 49.0
164 33.5 26.1 39.1



#48
2-Nitroaniline
Concen: 47.433 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.007 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion: 65 Resp: 259849
Ion Ratio Lower Upper
65 100
92 67.3 54.3 81.5
138 109.4 88.6 133.0

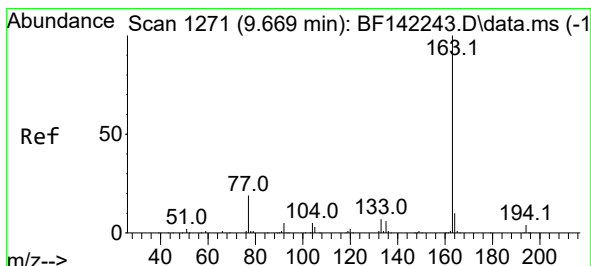
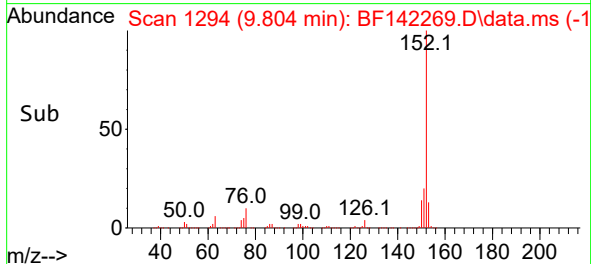
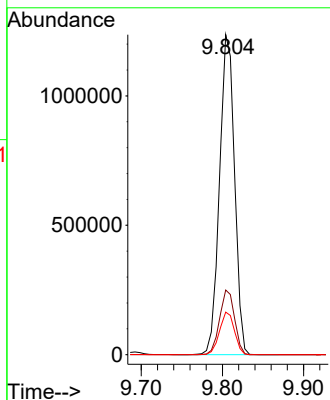
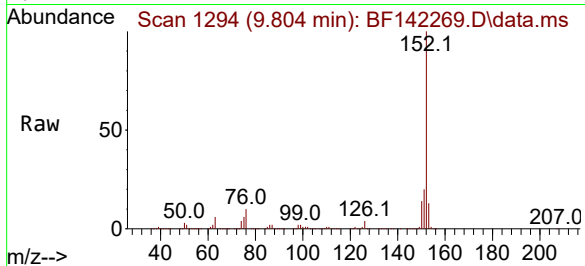




#49
Acenaphthylene
Concen: 45.426 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

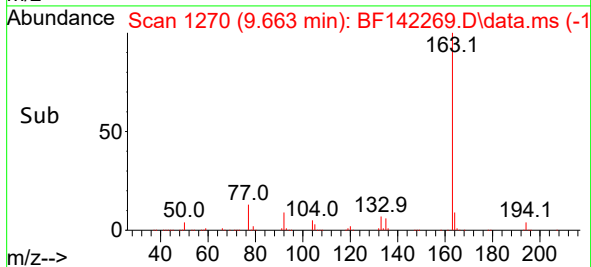
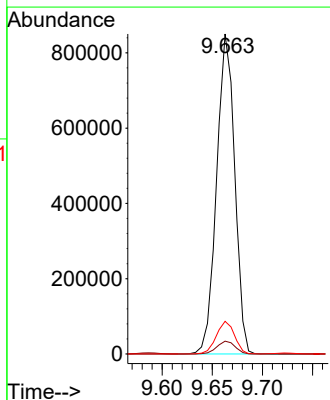
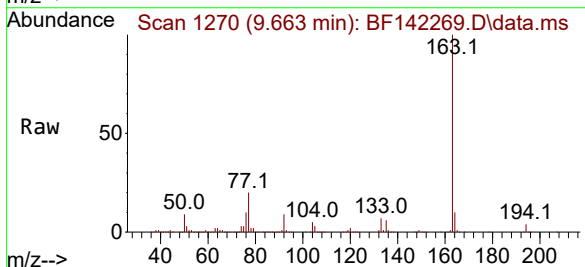
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

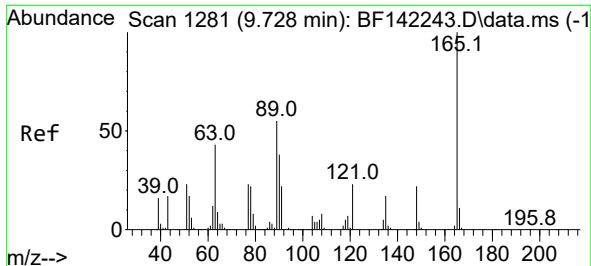
Tgt Ion:152 Resp: 1594521
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.3 10.7 16.1



#50
Dimethylphthalate
Concen: 46.343 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:163 Resp: 1066261
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 8.2 12.2

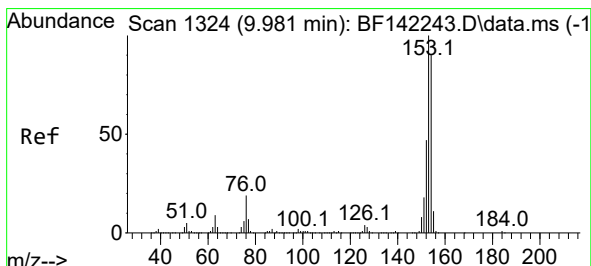
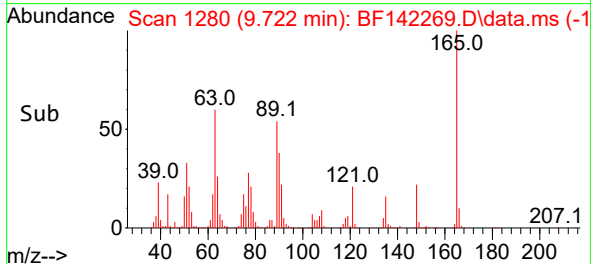
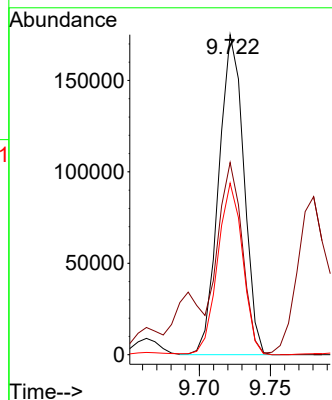
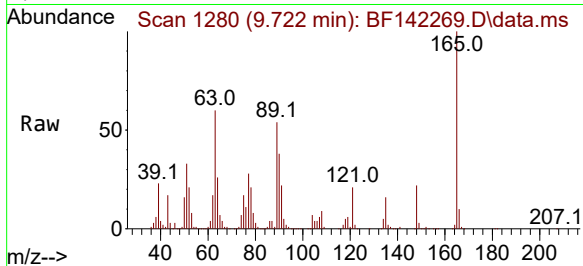




#51
2,6-Dinitrotoluene
Concen: 48.680 ng
RT: 9.722 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

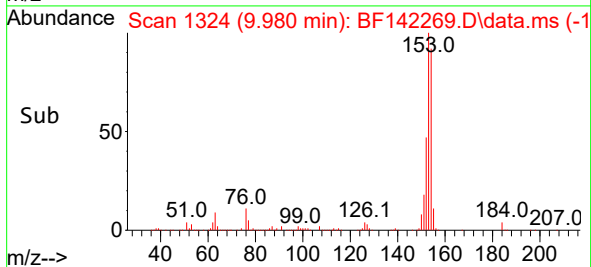
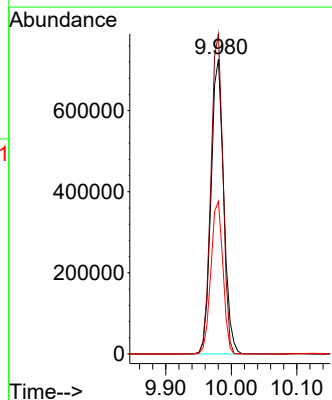
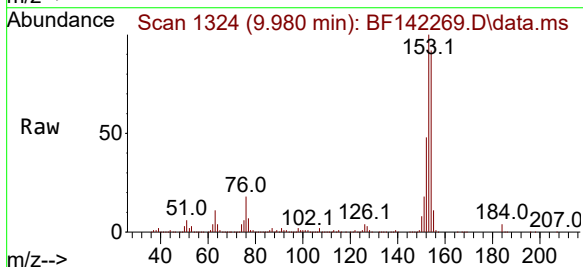
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

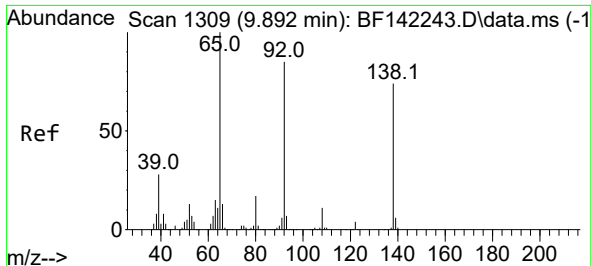
Tgt Ion:165 Resp: 215101
Ion Ratio Lower Upper
165 100
63 60.1 48.5 72.7
89 53.6 43.9 65.9



#52
Acenaphthene
Concen: 47.938 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:154 Resp: 982506
Ion Ratio Lower Upper
154 100
153 108.5 88.6 133.0
152 51.8 42.1 63.1

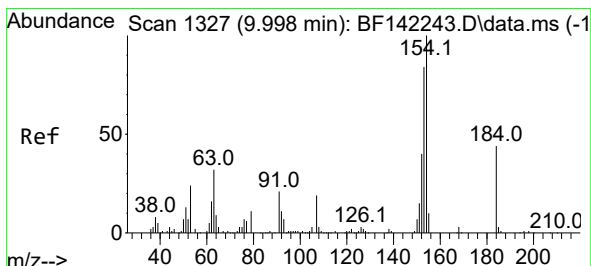
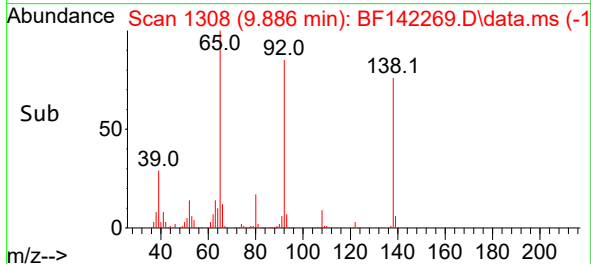
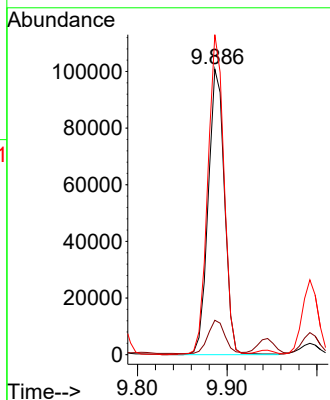
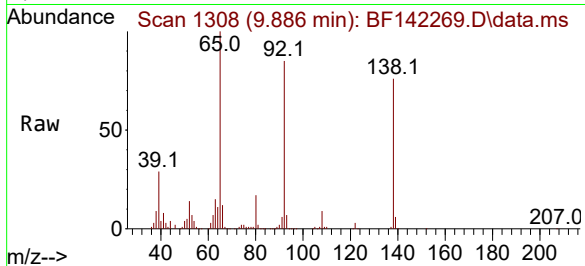




#53
3-Nitroaniline
Concen: 25.292 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

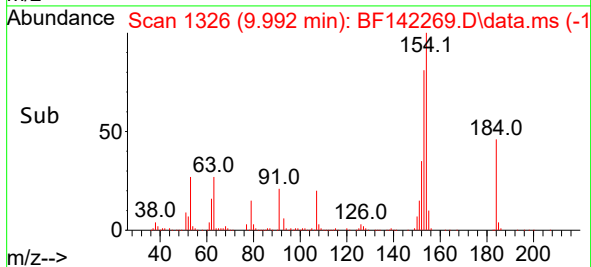
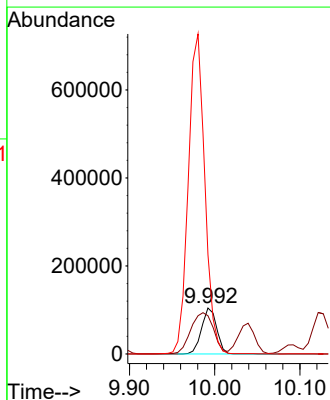
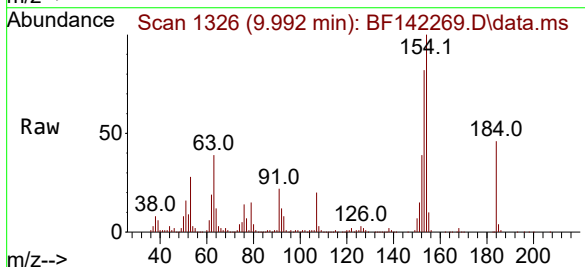
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

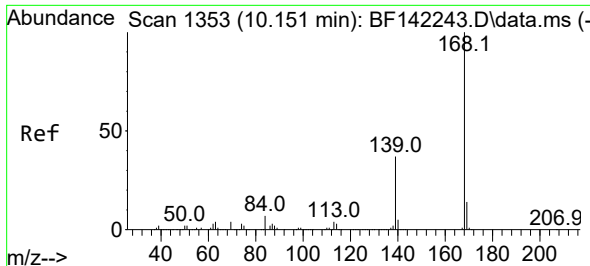
Tgt Ion:138 Resp: 127102
Ion Ratio Lower Upper
138 100
108 12.1 11.7 17.5
92 112.1 91.2 136.8



#54
2,4-Dinitrophenol
Concen: 82.147 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:184 Resp: 128668
Ion Ratio Lower Upper
184 100
63 83.3 69.2 103.8
154 216.1 271.4 407.2#

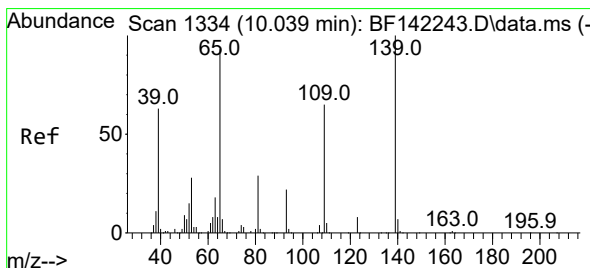
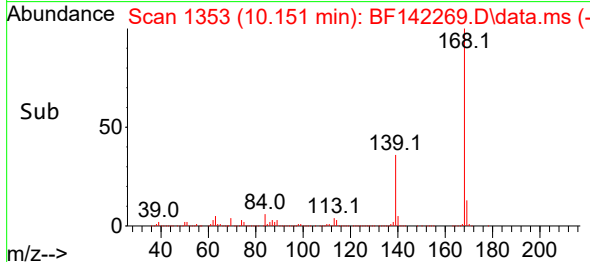
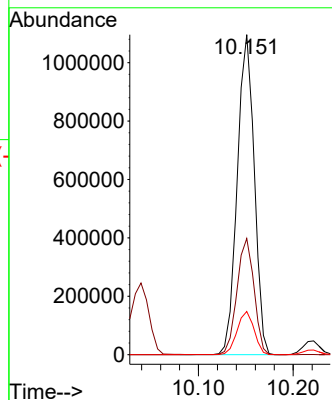
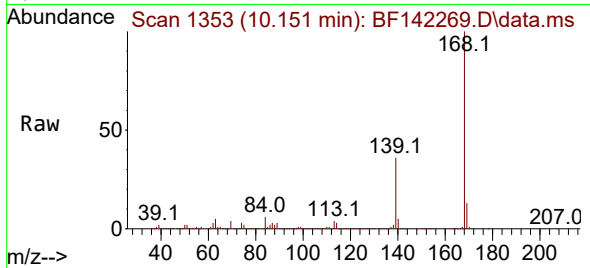




#55
Dibenzofuran
Concen: 44.394 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

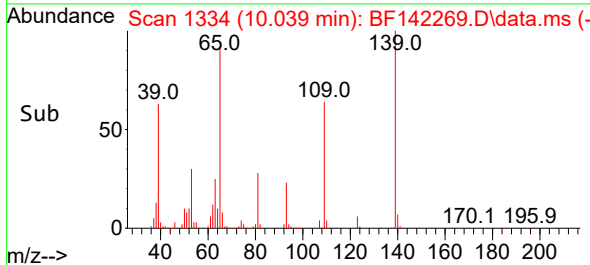
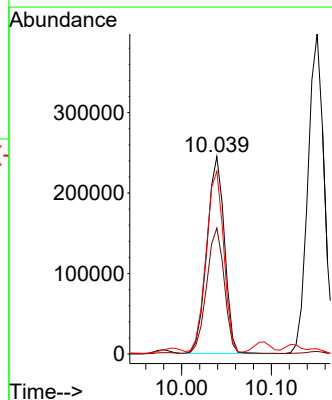
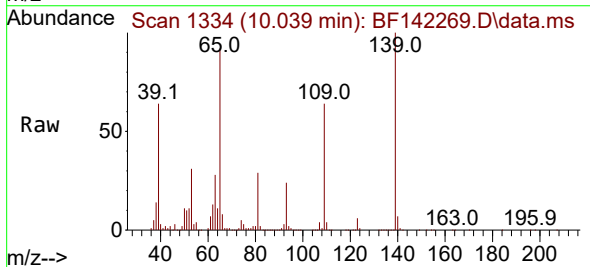
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

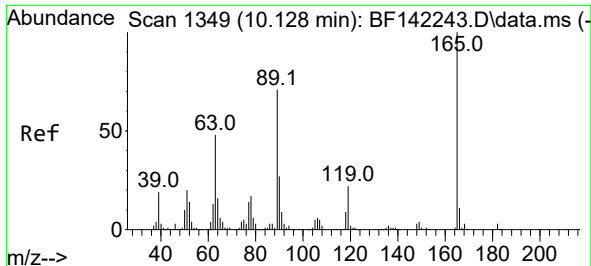
Tgt Ion:168 Resp: 1363907
Ion Ratio Lower Upper
168 100
139 36.3 29.4 44.0
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 91.654 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

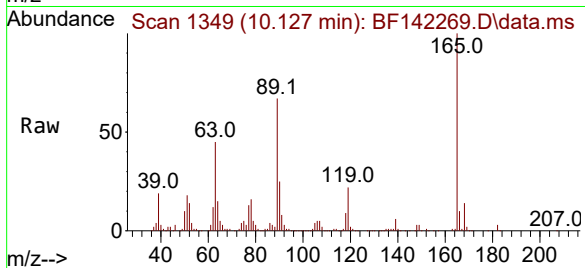
Tgt Ion:139 Resp: 331460
Ion Ratio Lower Upper
139 100
109 63.8 44.9 84.9
65 92.5 74.7 114.7



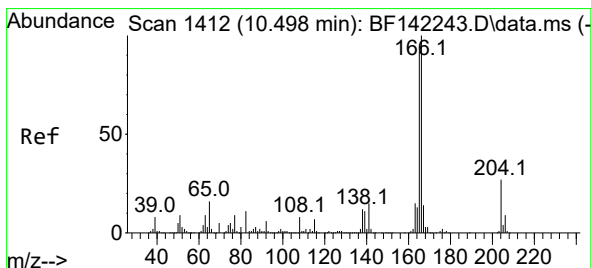
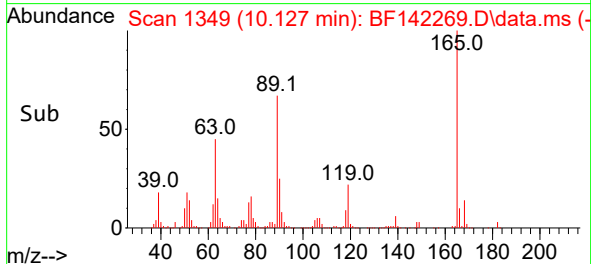
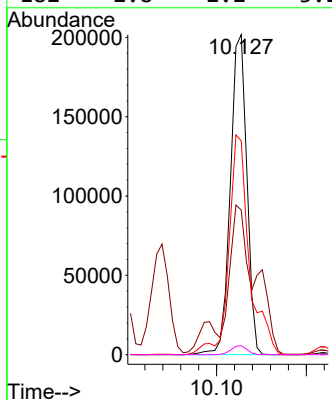


#57
2,4-Dinitrotoluene
Concen: 48.111 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

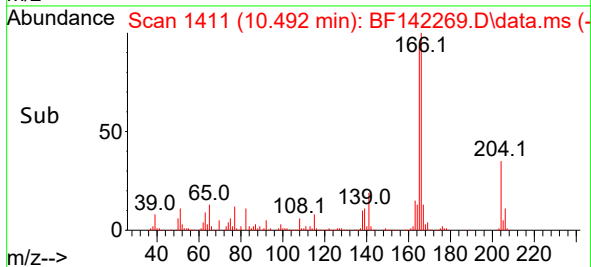
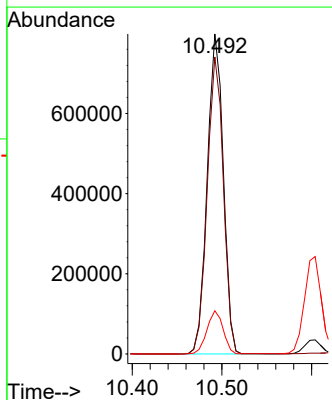
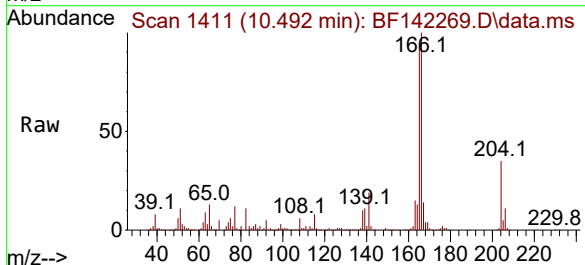


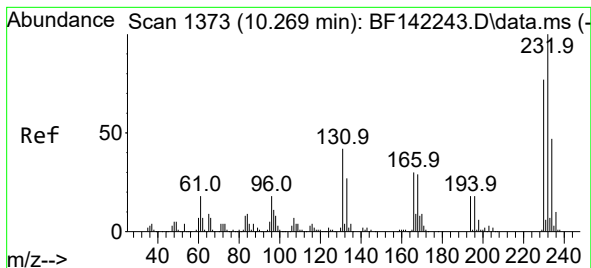
Tgt Ion:165 Resp: 257086
Ion Ratio Lower Upper
165 100
63 45.2 38.8 58.2
89 66.8 57.1 85.7
182 2.8 2.2 3.2



#58
Fluorene
Concen: 42.717 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:166 Resp: 997907
Ion Ratio Lower Upper
166 100
165 92.8 73.9 110.9
167 13.5 10.8 16.2

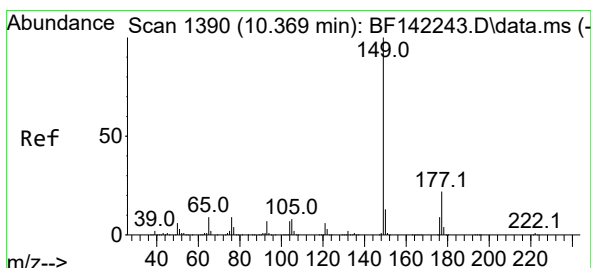
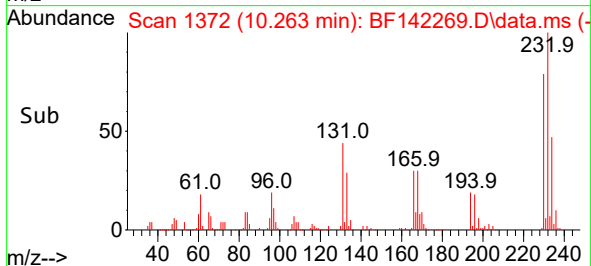
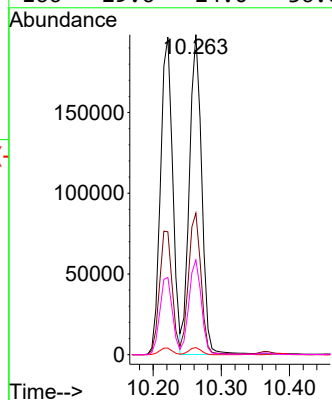
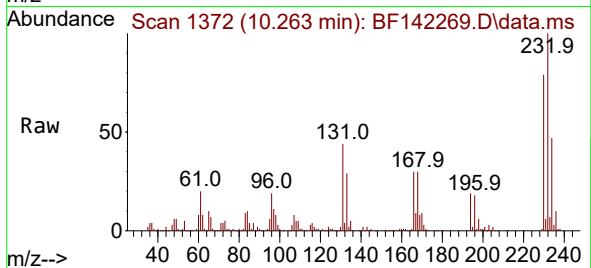




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.135 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

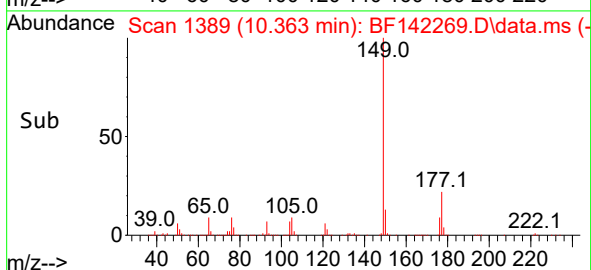
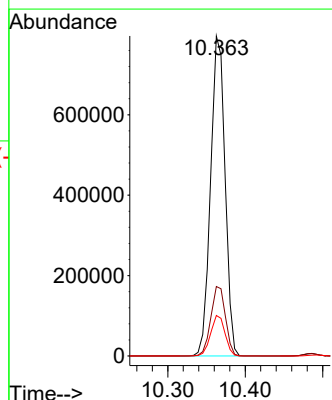
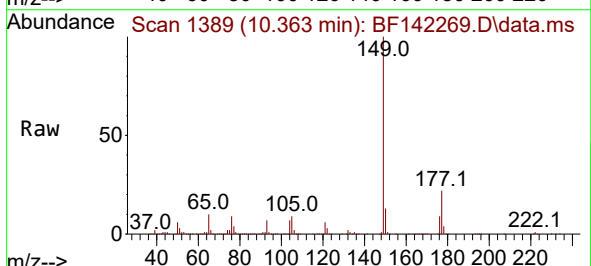
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

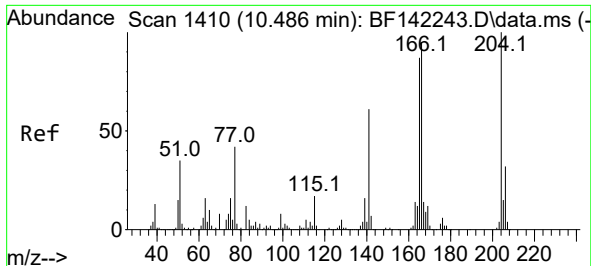
Tgt Ion:232 Resp: 246538
Ion Ratio Lower Upper
232 100
131 45.3 35.9 53.9
130 2.2 1.8 2.6
166 29.6 24.0 36.0



#60
Diethylphthalate
Concen: 45.408 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:149 Resp: 1031674
Ion Ratio Lower Upper
149 100
177 21.7 17.6 26.4
150 12.6 10.2 15.2

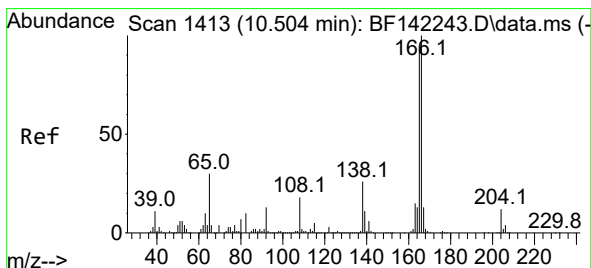
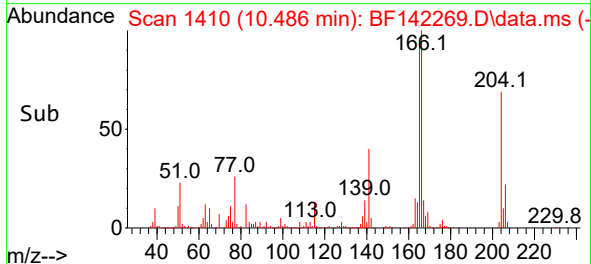
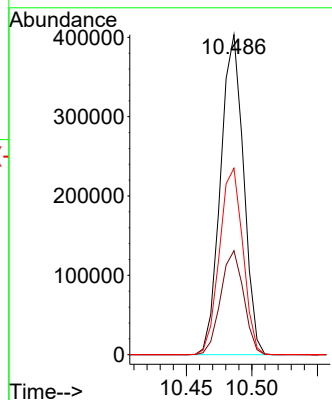
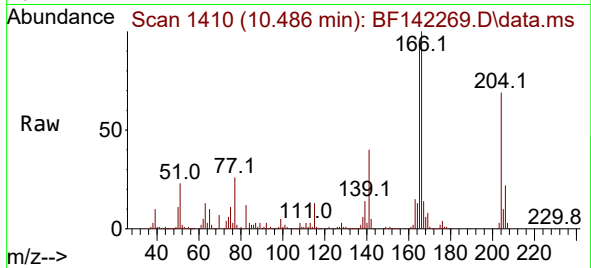




#61
4-Chlorophenyl-phenylether
Concen: 44.277 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

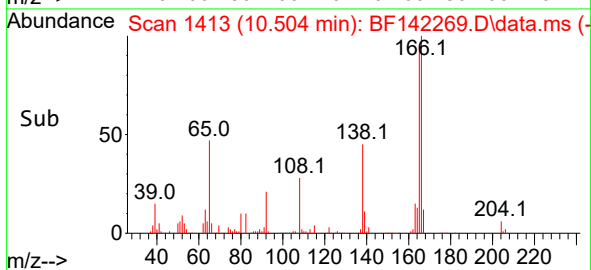
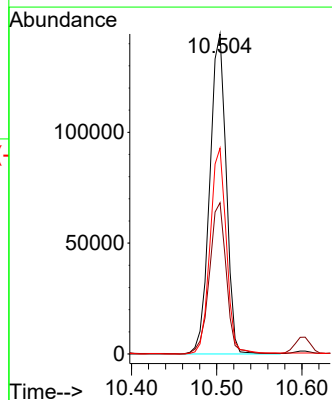
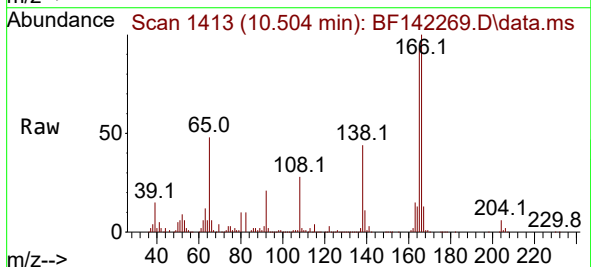
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

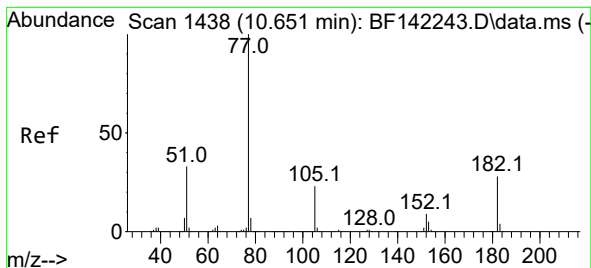
Tgt Ion:204 Resp: 491200
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 58.3 48.9 73.3



#62
4-Nitroaniline
Concen: 40.097 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:138 Resp: 193314
Ion Ratio Lower Upper
138 100
92 47.3 29.2 69.2
108 64.3 49.1 89.1





#63

Azobenzene

Concen: 48.349 ng

RT: 10.645 min Scan# 1438

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

Tgt Ion: 77 Resp: 1084746

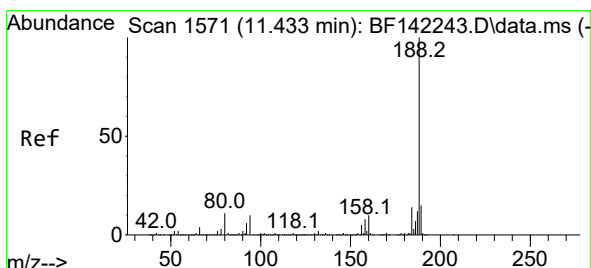
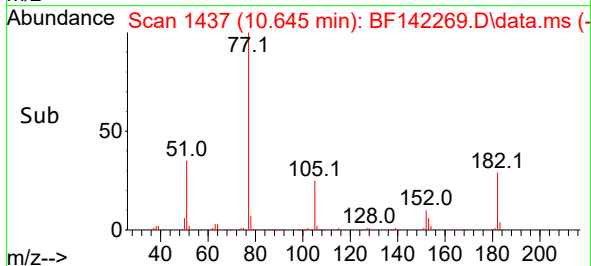
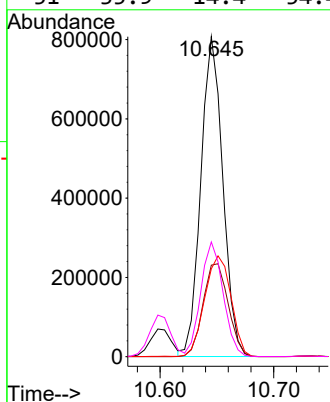
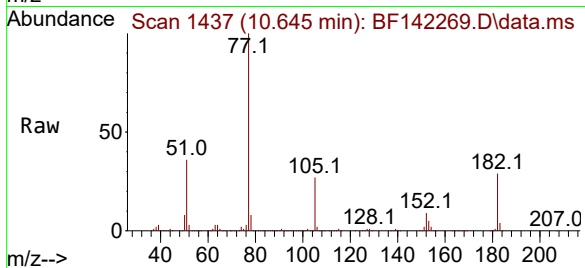
Ion Ratio Lower Upper

77 100

182 28.6 7.3 47.3

105 27.5 2.5 42.5

51 35.9 14.4 54.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

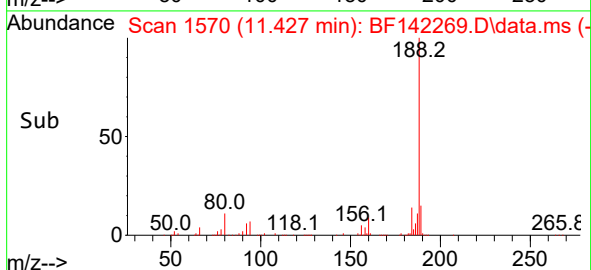
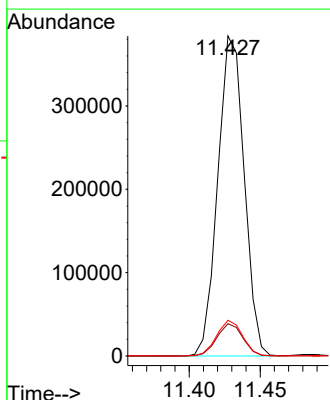
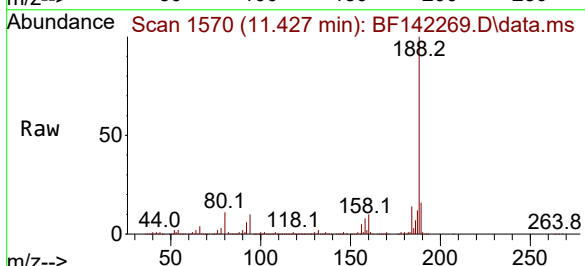
Tgt Ion:188 Resp: 495470

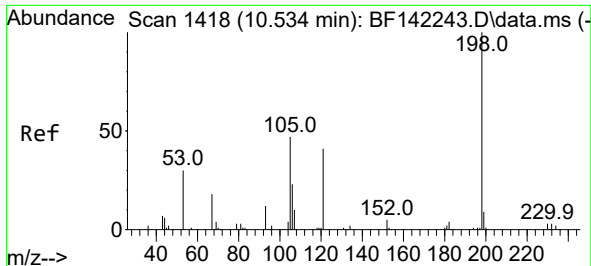
Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

80 11.1 8.6 12.8

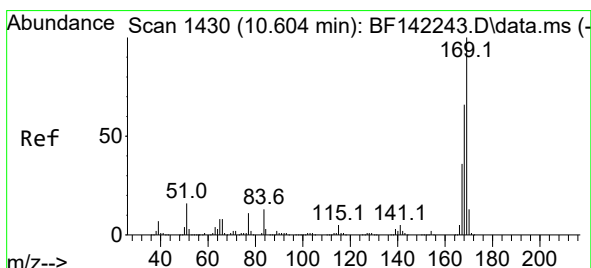
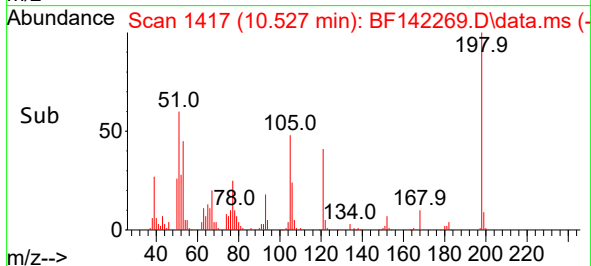
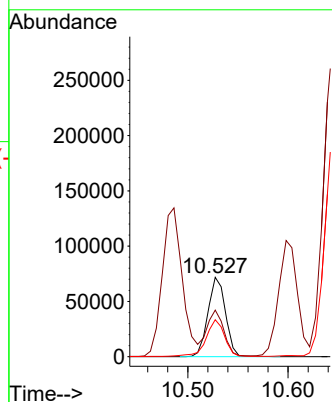
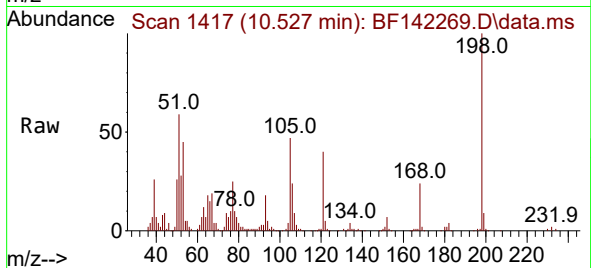




#65
4,6-Dinitro-2-methylphenol
Concen: 52.188 ng
RT: 10.527 min Scan# 1418
Delta R.T. -0.007 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

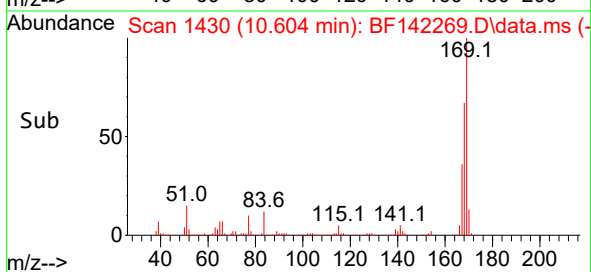
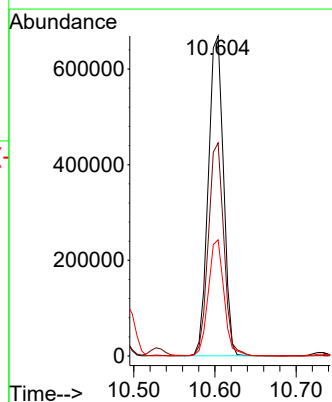
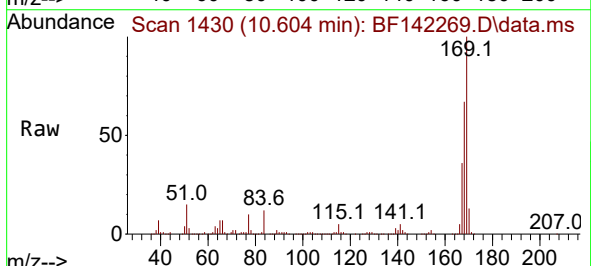
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

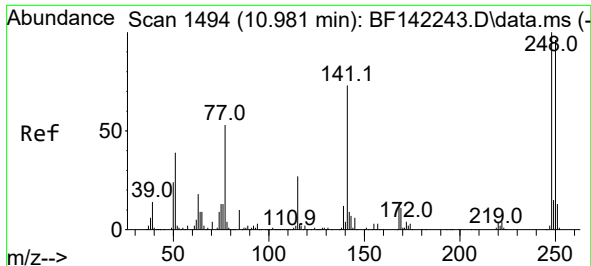
Tgt Ion:198 Resp: 87116
Ion Ratio Lower Upper
198 100
51 58.7 40.6 80.6
105 46.5 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 51.295 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:169 Resp: 868383
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.6
167 36.3 28.8 43.2

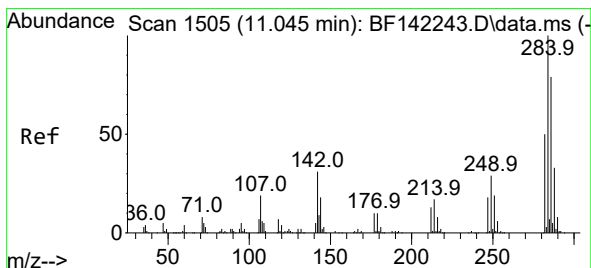
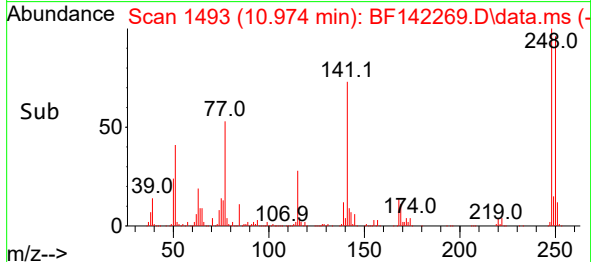
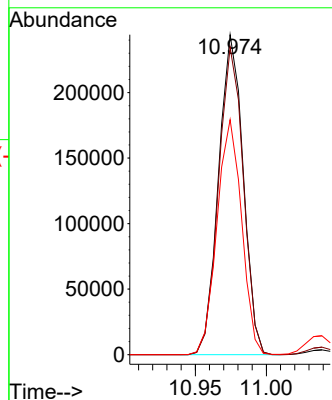
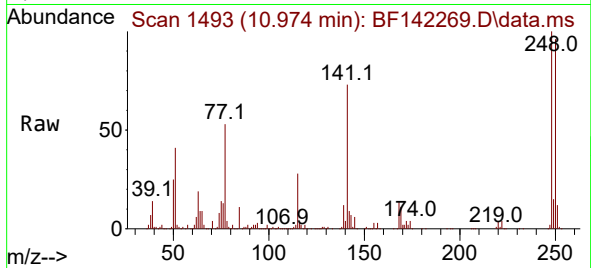




#67
4-Bromophenyl-phenylether
Concen: 53.349 ng
RT: 10.974 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

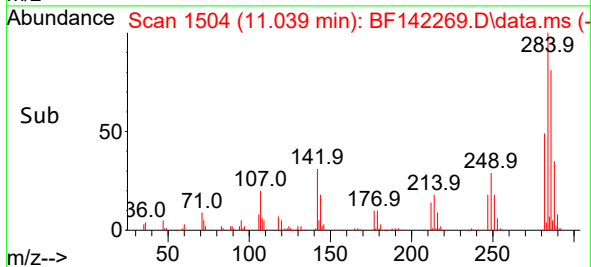
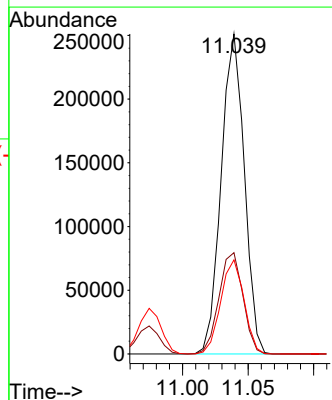
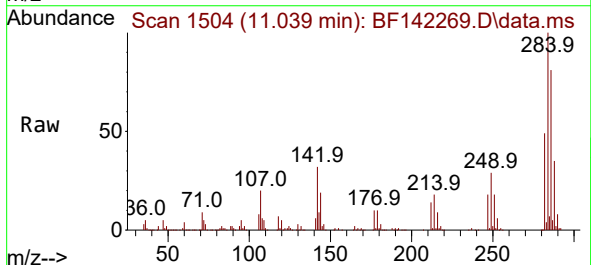
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

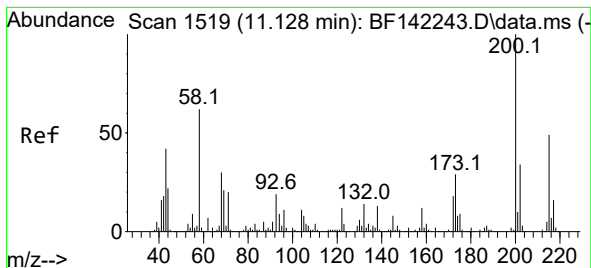
Tgt Ion:248 Resp: 294375
Ion Ratio Lower Upper
248 100
250 96.0 77.2 115.8
141 73.5 58.4 87.6



#68
Hexachlorobenzene
Concen: 49.785 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:284 Resp: 307669
Ion Ratio Lower Upper
284 100
142 31.7 24.6 37.0
249 29.4 23.2 34.8





#69

Atrazine

Concen: 54.396 ng

RT: 11.127 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

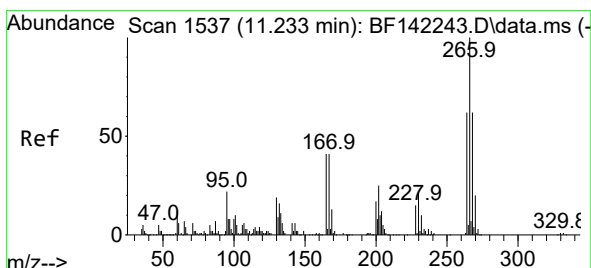
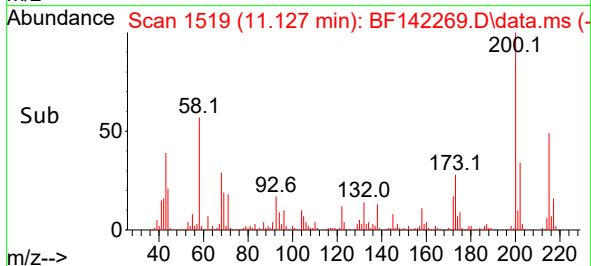
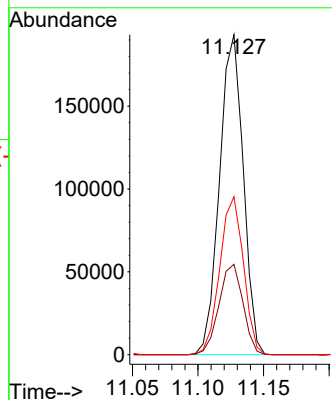
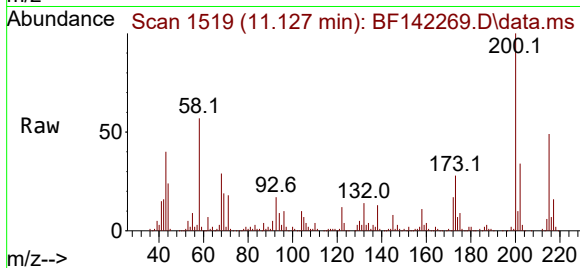
Tgt Ion:200 Resp: 242733

Ion Ratio Lower Upper

200 100

173 28.3 8.6 48.6

215 49.4 28.5 68.5



#70

Pentachlorophenol

Concen: 101.471 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

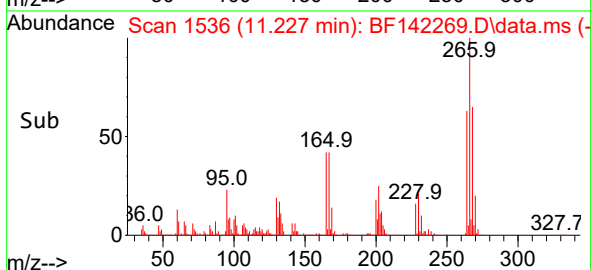
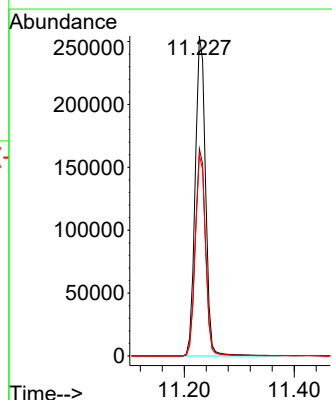
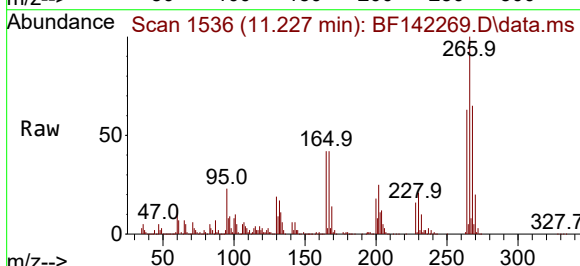
Tgt Ion:266 Resp: 331283

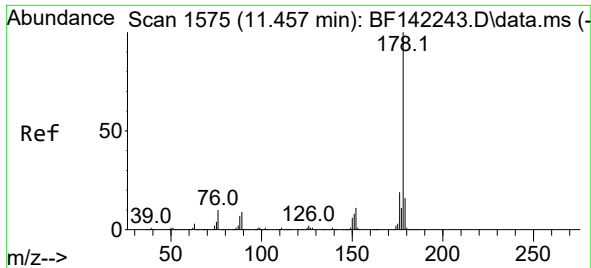
Ion Ratio Lower Upper

266 100

268 64.8 50.0 75.0

264 62.9 49.3 73.9

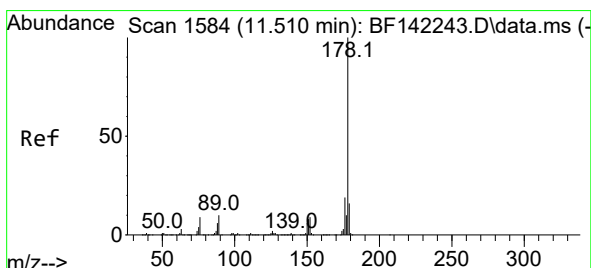
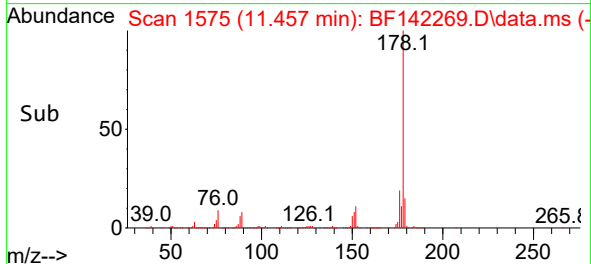
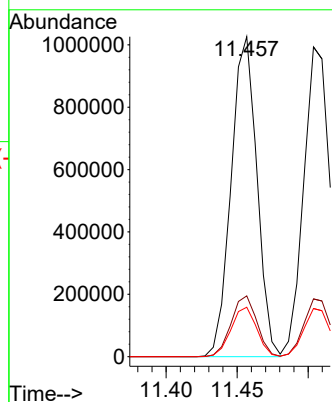
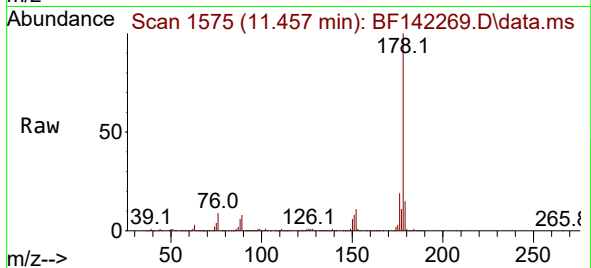




#71
Phenanthrene
Concen: 48.485 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

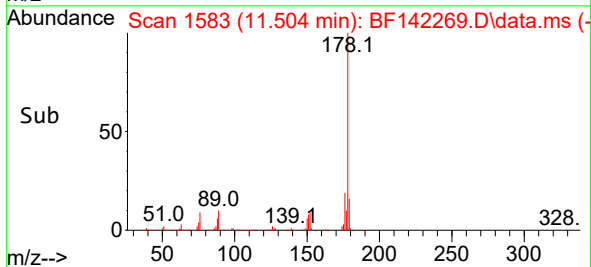
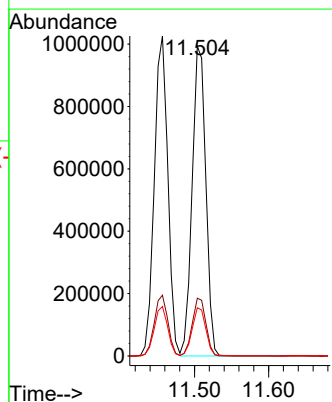
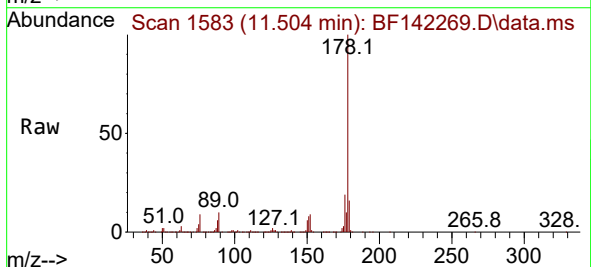
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

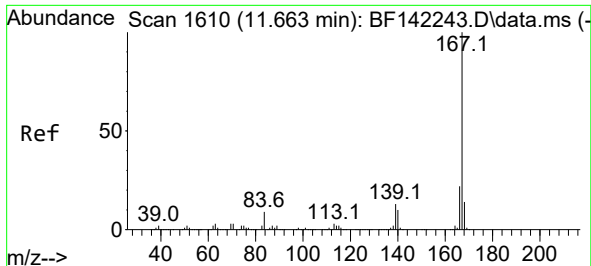
Tgt Ion:178 Resp: 1297633
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.4 12.6 19.0



#72
Anthracene
Concen: 46.391 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:178 Resp: 1269418
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.5 12.7 19.1

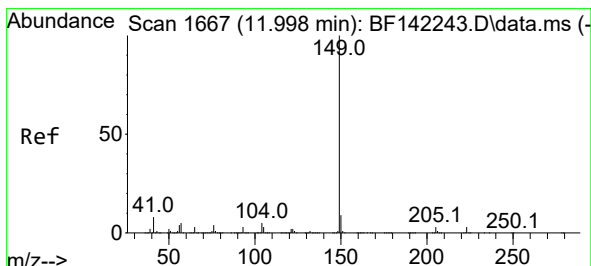
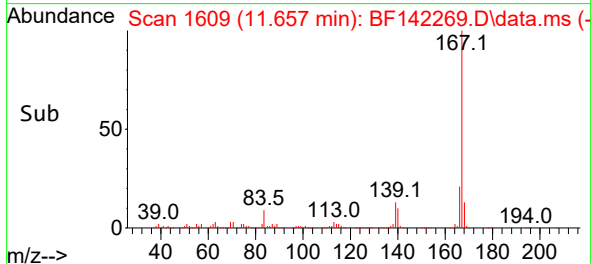
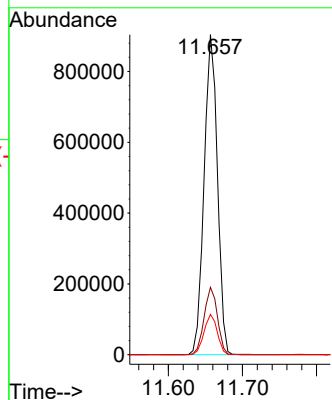
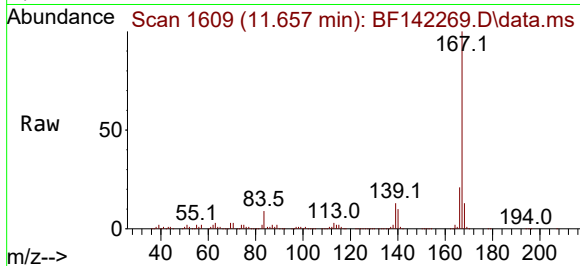




#73
Carbazole
Concen: 45.188 ng
RT: 11.657 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

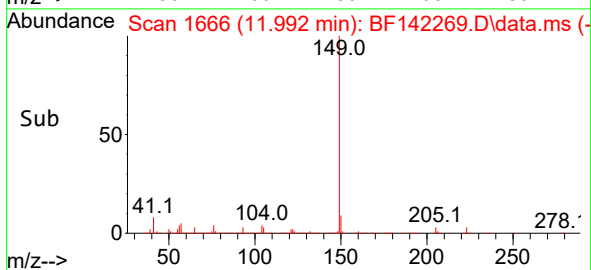
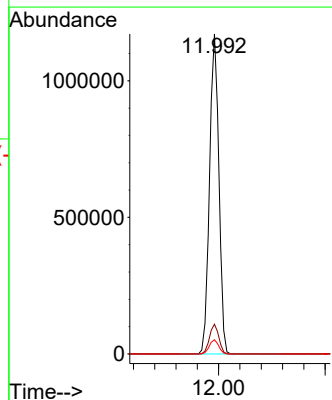
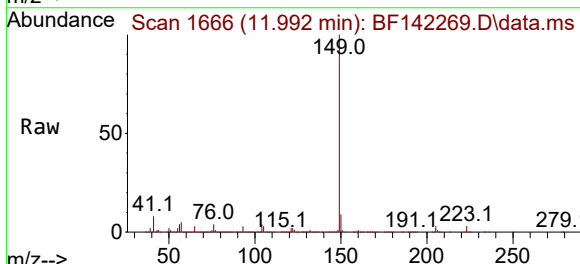
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

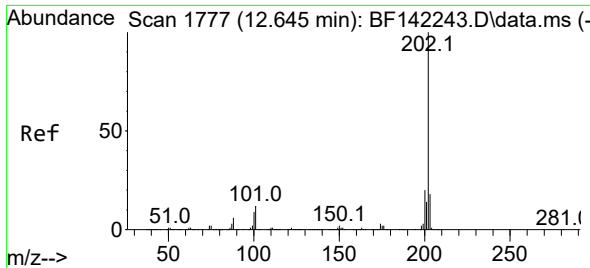
Tgt Ion:167 Resp: 1127973
Ion Ratio Lower Upper
167 100
166 21.0 17.3 25.9
139 12.6 10.3 15.5



#74
Di-n-butylphthalate
Concen: 56.880 ng
RT: 11.992 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:149 Resp: 1427936
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 4.5 3.6 5.4

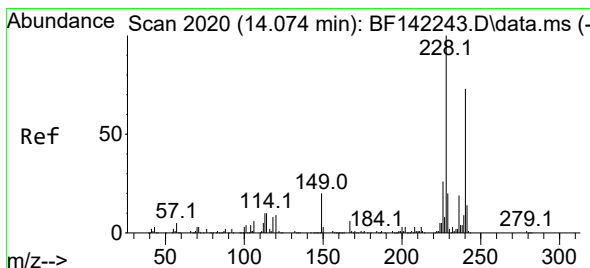
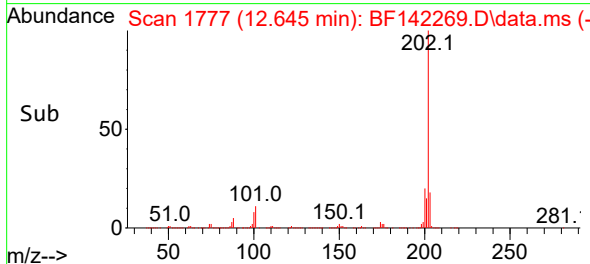
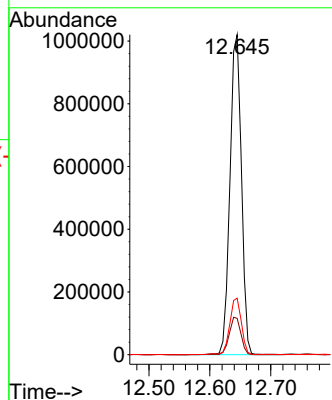
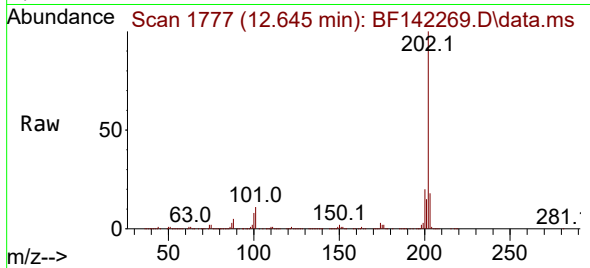




#75
Fluoranthene
Concen: 50.534 ng
RT: 12.645 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

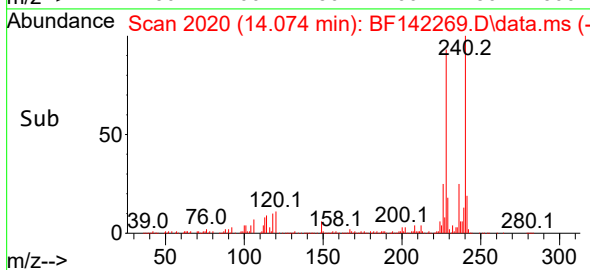
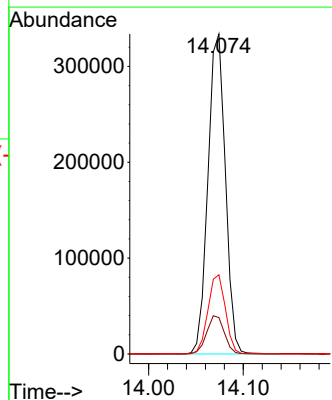
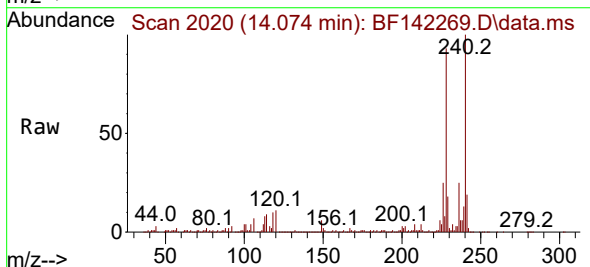
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

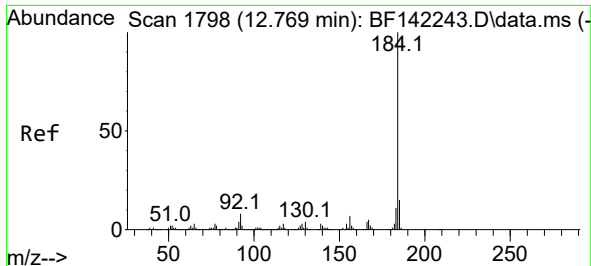
Tgt Ion:202 Resp: 1336936
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.4
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:240 Resp: 427878
Ion Ratio Lower Upper
240 100
120 11.4 10.1 15.1
236 24.8 20.5 30.7

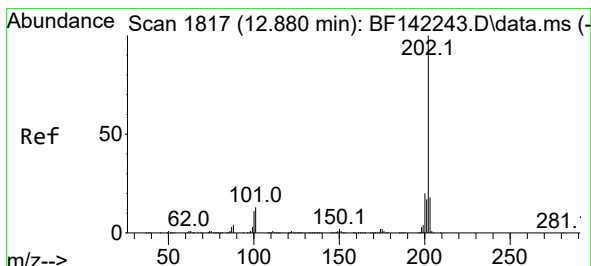
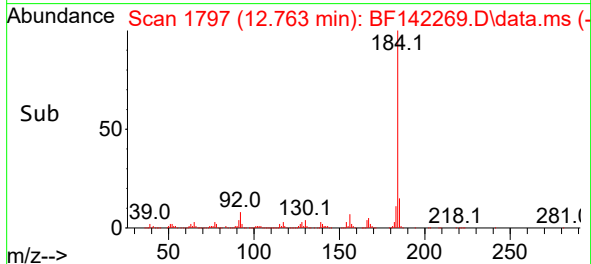
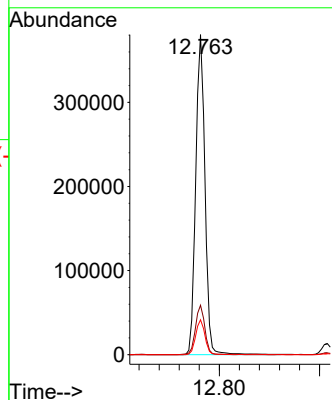
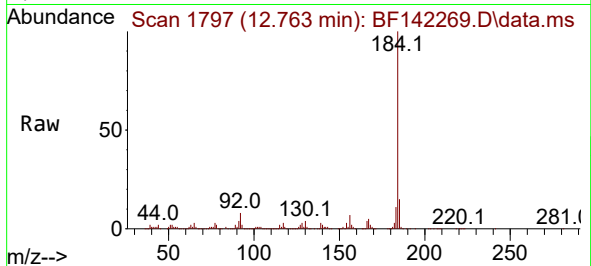




#77
Benzidine
Concen: 26.736 ng
RT: 12.763 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

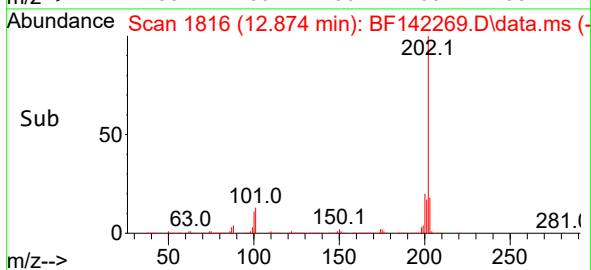
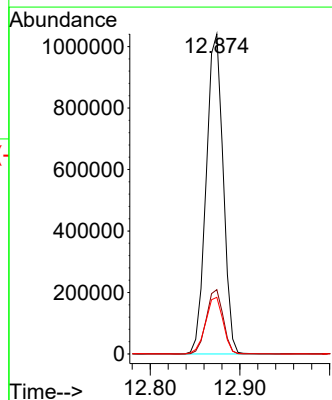
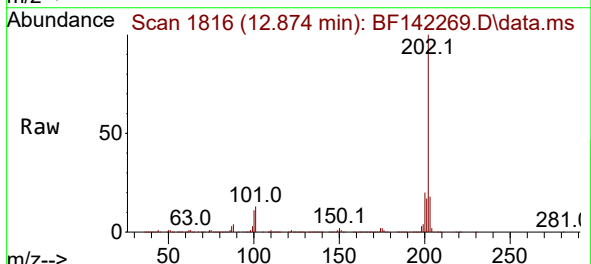
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

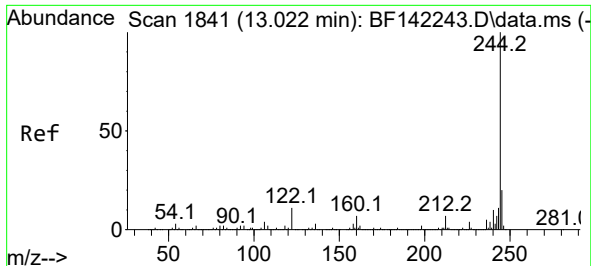
Tgt Ion:184 Resp: 486096
Ion Ratio Lower Upper
184 100
185 15.5 11.8 17.6
183 10.9 8.9 13.3



#78
Pyrene
Concen: 34.539 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:202 Resp: 1363266
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.7 14.1 21.1

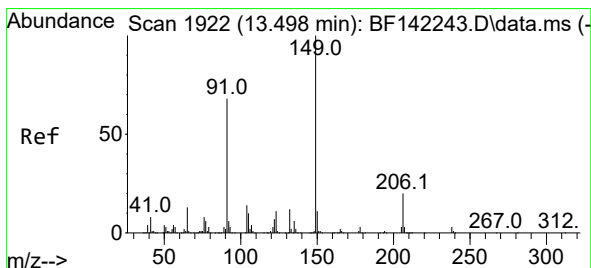
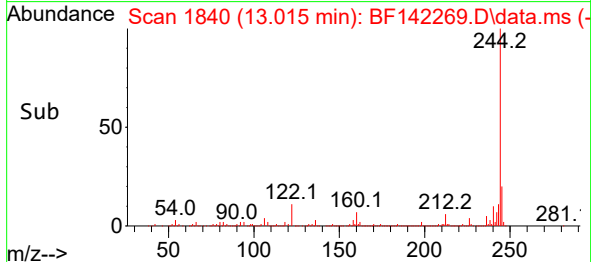
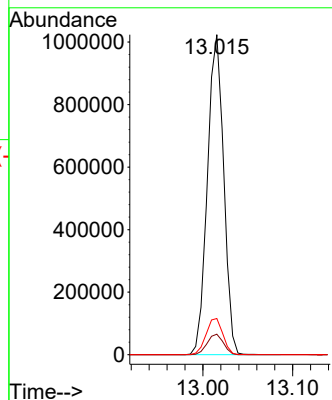
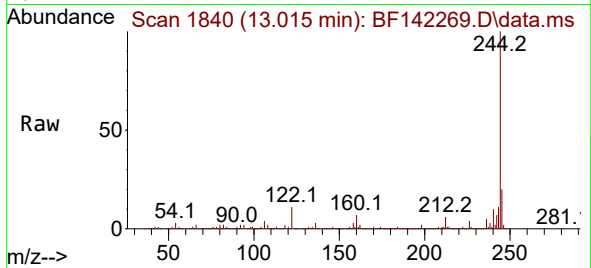




#79
 Terphenyl-d14
 Concen: 43.862 ng
 RT: 13.015 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142269.D
 Acq: 01 May 2025 19:24

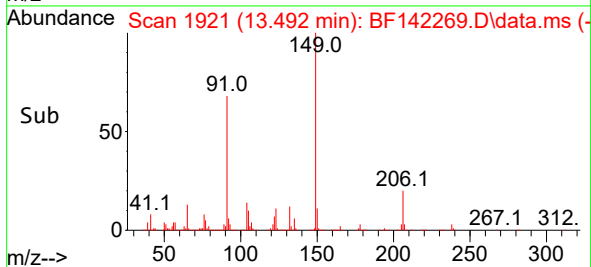
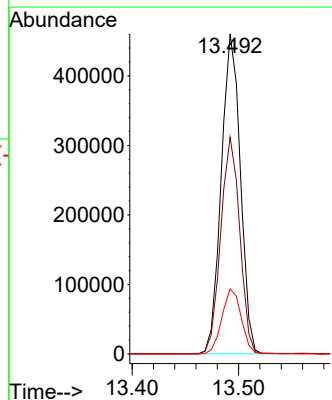
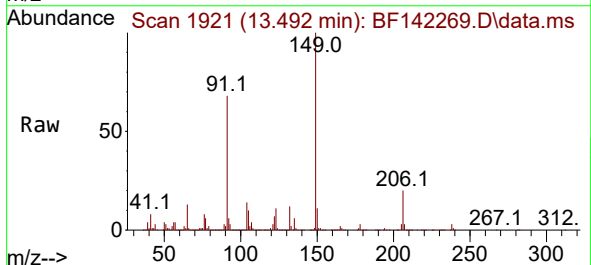
Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MS

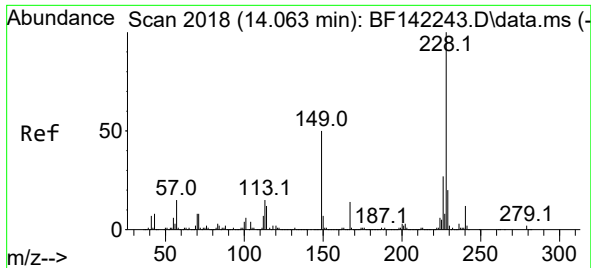
Tgt Ion:244 Resp: 1290400
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 11.3 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 52.545 ng
 RT: 13.492 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF142269.D
 Acq: 01 May 2025 19:24

Tgt Ion:149 Resp: 571179
 Ion Ratio Lower Upper
 149 100
 91 67.7 54.4 81.6
 206 20.3 15.9 23.9

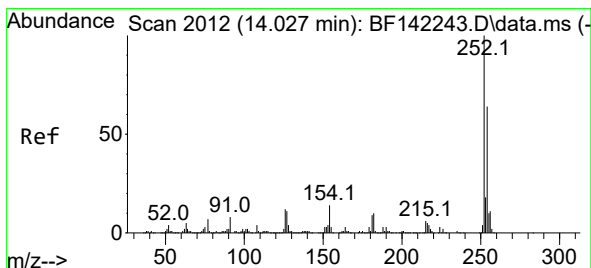
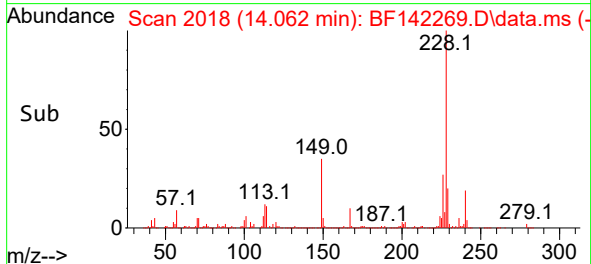
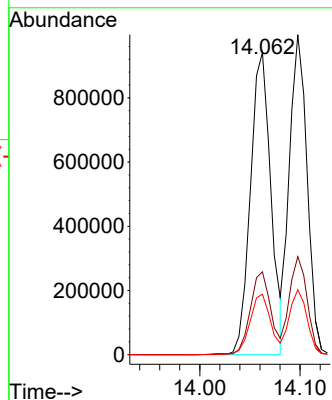
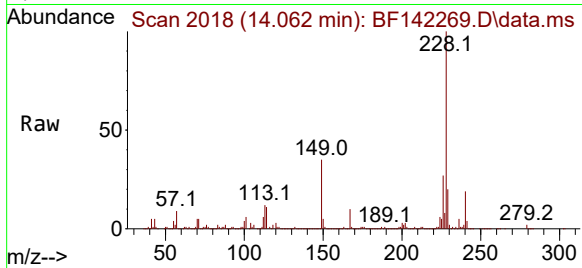




#81
Benzo(a)anthracene
Concen: 46.539 ng
RT: 14.062 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

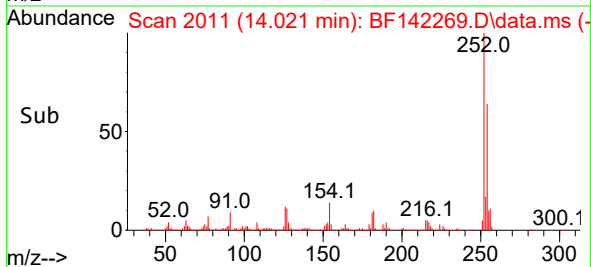
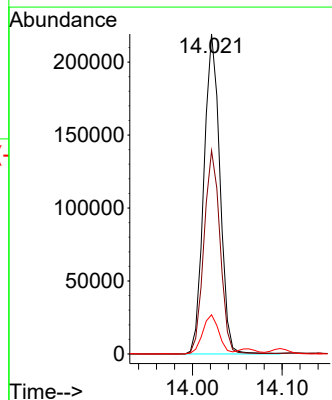
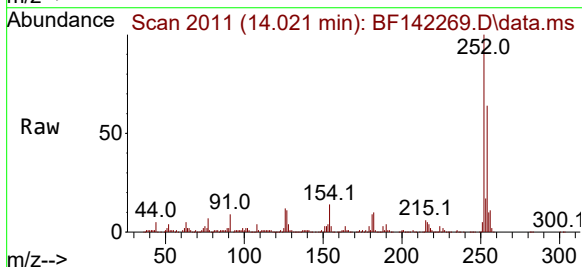
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

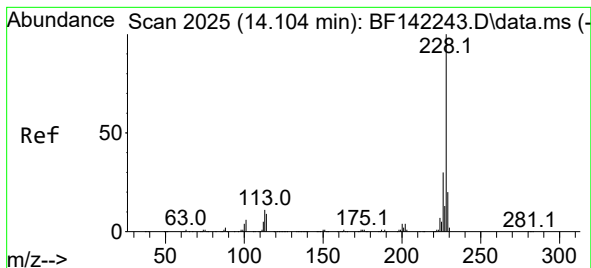
Tgt Ion:228 Resp: 1336806
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 32.235 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:252 Resp: 271966
Ion Ratio Lower Upper
252 100
254 63.6 51.0 76.6
126 12.2 9.4 14.2





#83

Chrysene

Concen: 46.660 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

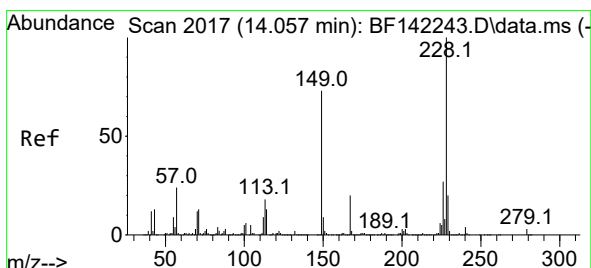
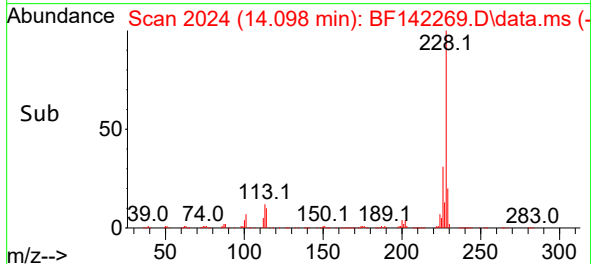
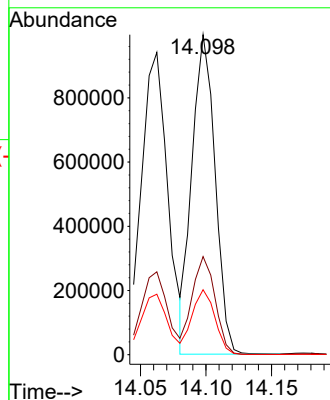
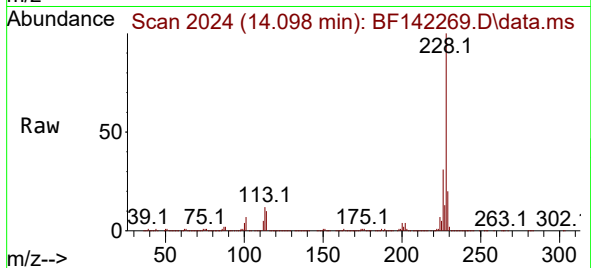
Tgt Ion:228 Resp: 1219993

Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

229 20.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.190 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

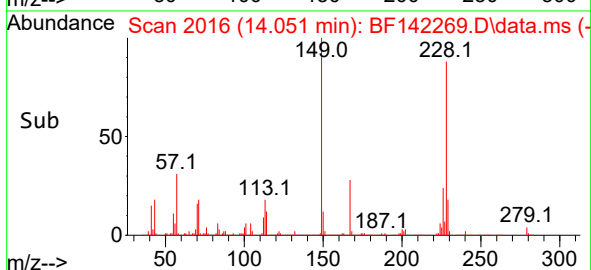
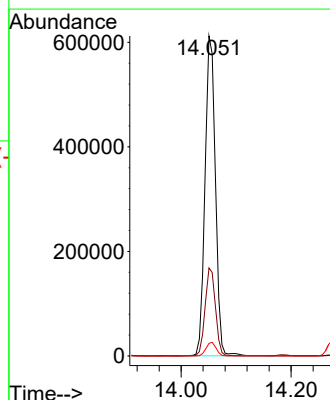
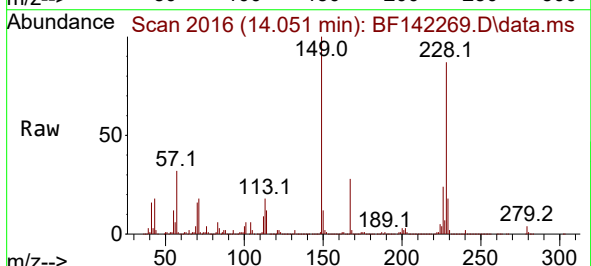
Tgt Ion:149 Resp: 801117

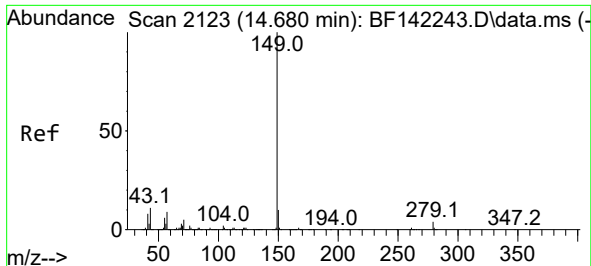
Ion Ratio Lower Upper

149 100

167 27.5 21.7 32.5

279 4.0 3.0 4.4

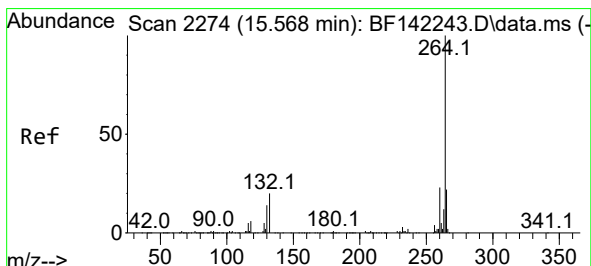
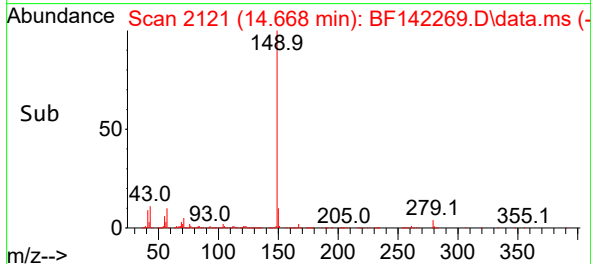
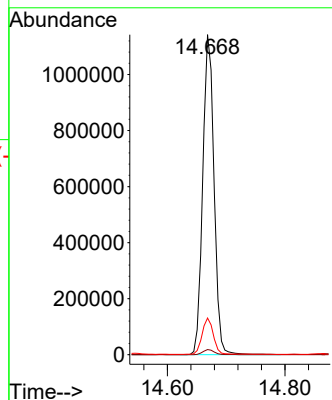
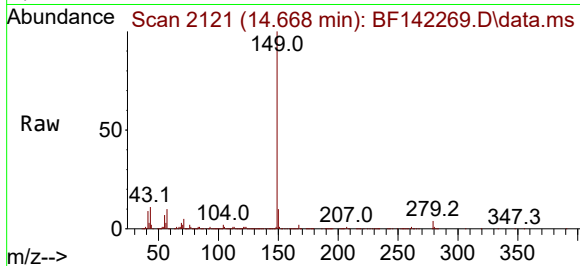




#85
Di-n-octyl phthalate
Concen: 54.420 ng
RT: 14.668 min Scan# 2123
Delta R.T. -0.012 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

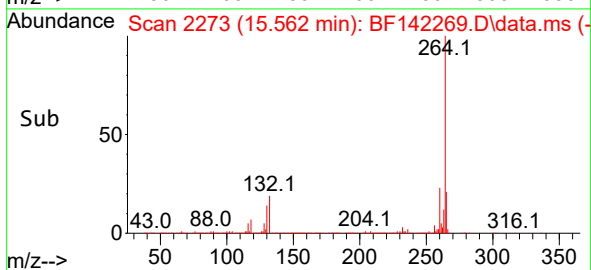
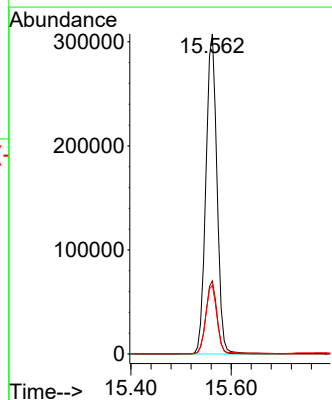
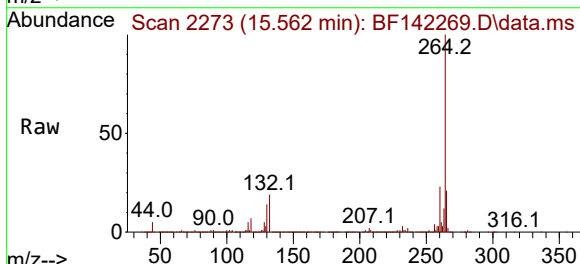
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

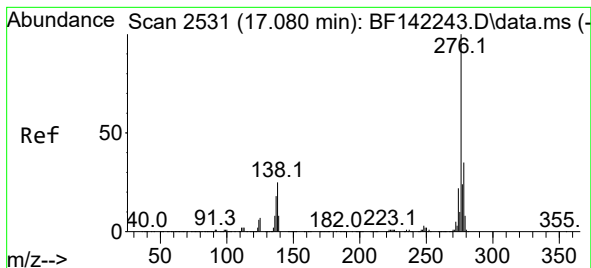
Tgt Ion:149 Resp: 1516655
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7
43 11.4 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:264 Resp: 472653
Ion Ratio Lower Upper
264 100
260 22.9 18.4 27.6
265 21.5 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.838 ng

RT: 17.068 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

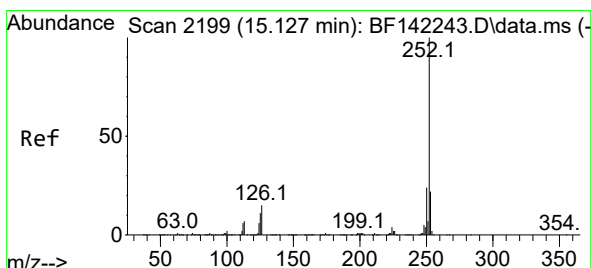
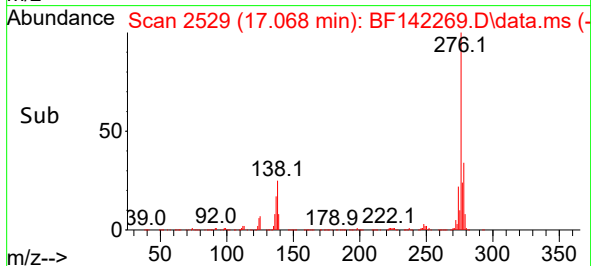
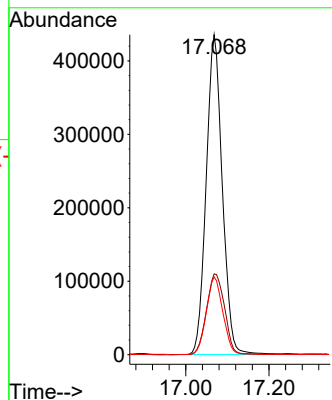
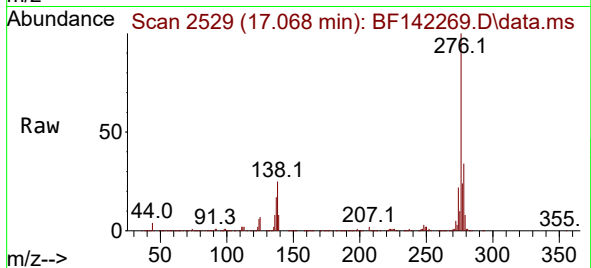
Tgt Ion:276 Resp: 1171487

Ion Ratio Lower Upper

276 100

138 28.5 22.6 33.8

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 49.565 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

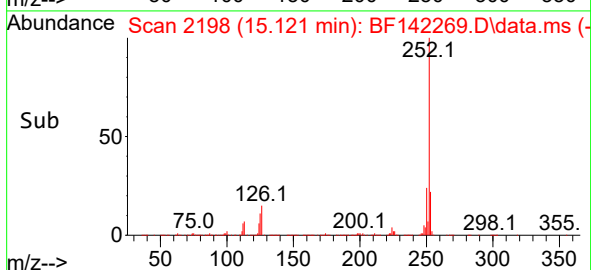
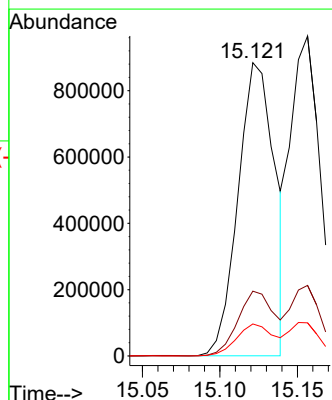
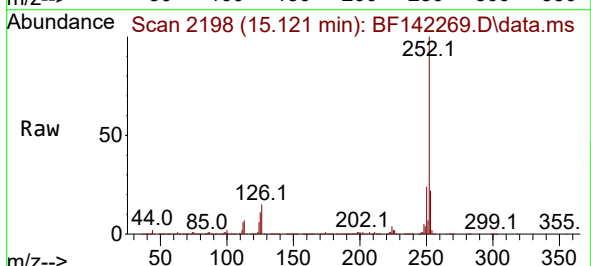
Tgt Ion:252 Resp: 1455180

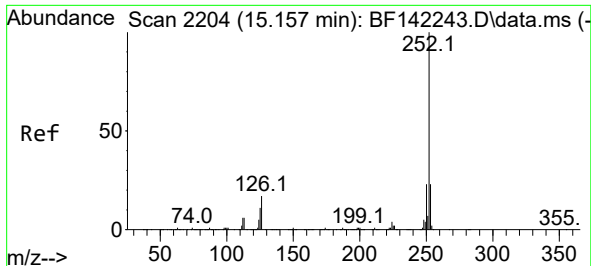
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.9 9.0 13.4





#89

Benzo(k)fluoranthene

Concen: 47.906 ng

RT: 15.156 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

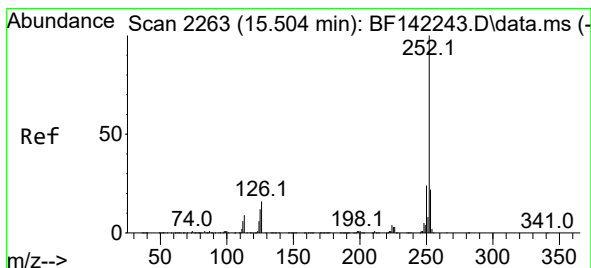
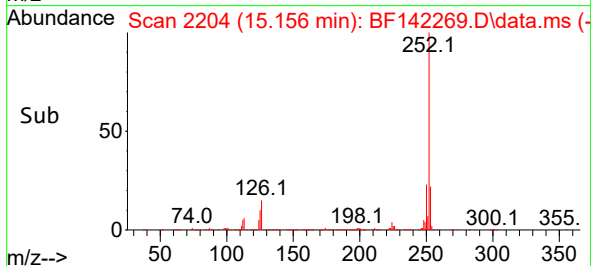
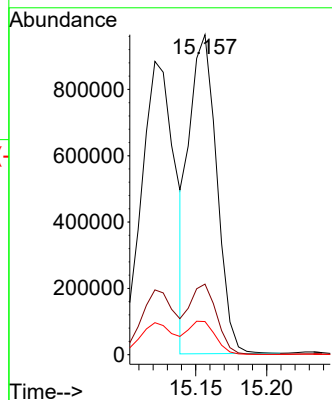
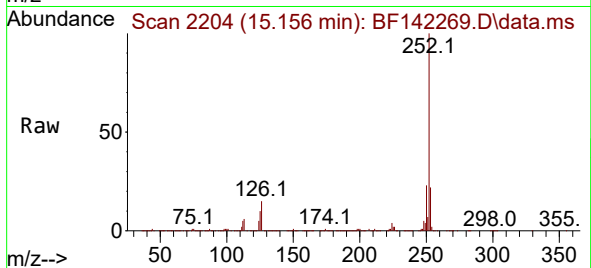
Tgt Ion:252 Resp: 1286491

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 10.4 9.0 13.6



#90

Benzo(a)pyrene

Concen: 48.165 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

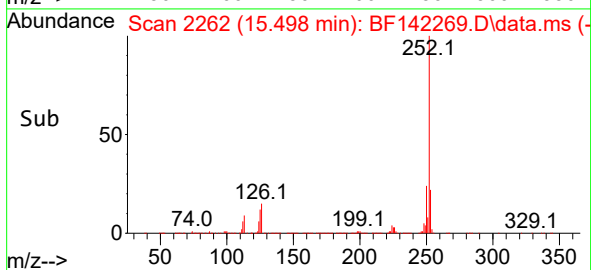
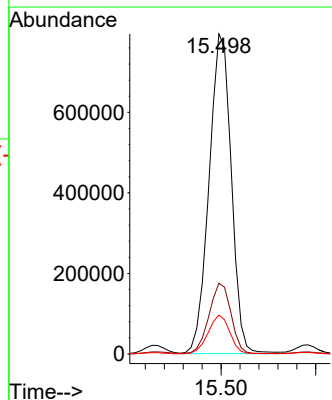
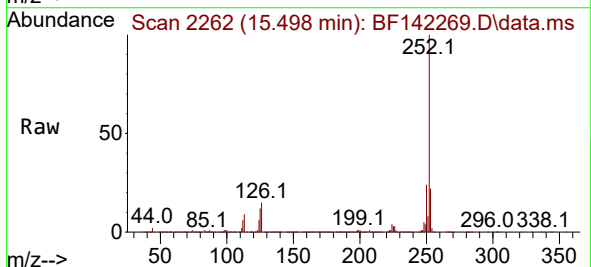
Tgt Ion:252 Resp: 1294646

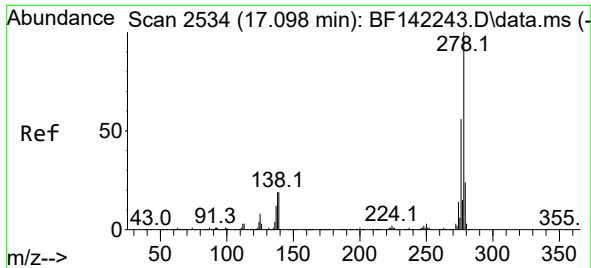
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 12.2 9.5 14.3

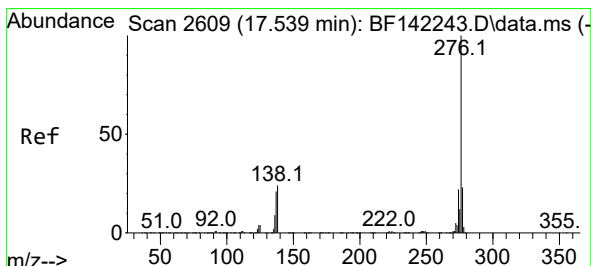
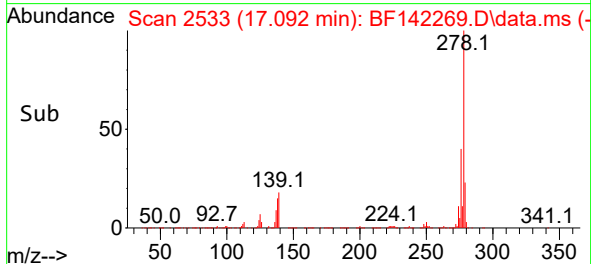
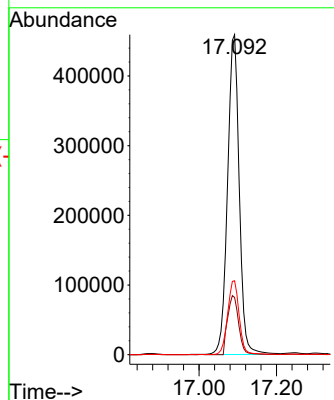
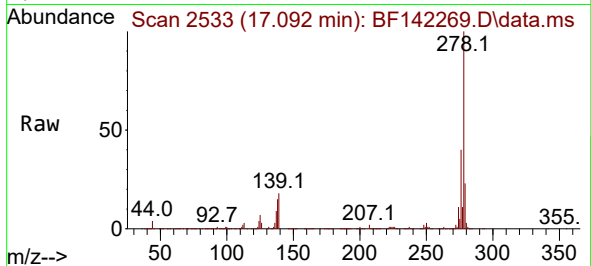




#91
Dibenzo(a,h)anthracene
Concen: 34.415 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

Tgt Ion:278 Resp: 967006
Ion Ratio Lower Upper
278 100
139 17.9 15.2 22.8
279 23.1 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 31.198 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.018 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:276 Resp: 881265
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 24.4 19.4 29.0

