

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142270.D
 Acq On : 01 May 2025 19:52
 Operator : RC/JU
 Sample : Q1901-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MSD

Quant Time: May 02 01:08:53 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	204570	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	762454	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	351872	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	496148	20.000	ng	0.00
76) Chrysene-d12	14.069	240	429879	20.000	ng	0.00
86) Perylene-d12	15.557	264	473333	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1098118	85.729	ng	0.00
7) Phenol-d6	6.528	99	1349184	87.225	ng	0.00
23) Nitrobenzene-d5	7.469	82	776525	66.910	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	286287	89.247	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1541618	61.773	ng	0.00
79) Terphenyl-d14	13.016	244	1244500	42.105	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.758	88	213600	37.338	ng	98
3) Pyridine	3.516	79	586468	39.445	ng	99
4) n-Nitrosodimethylamine	3.463	42	336346	43.715	ng	99
6) Aniline	6.569	93	640860	29.271	ng	99
8) 2-Chlorophenol	6.687	128	576726	43.572	ng	98
9) Benzaldehyde	6.457	77	286273	26.480	ng	99
10) Phenol	6.540	94	726995	43.657	ng	99
11) bis(2-Chloroethyl)ether	6.640	93	555314	43.034	ng	99
12) 1,3-Dichlorobenzene	6.851	146	628881	41.999	ng	99
13) 1,4-Dichlorobenzene	6.928	146	637600	42.264	ng	99
14) 1,2-Dichlorobenzene	7.075	146	614756	42.685	ng	99
15) Benzyl Alcohol	7.045	79	471490	42.978	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1026846	44.067	ng	99
17) 2-Methylphenol	7.151	107	446076	41.139	ng	99
18) Hexachloroethane	7.422	117	224222	45.411	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	396481	41.480	ng	98
20) 3+4-Methylphenols	7.304	107	559745	41.280	ng	# 90
22) Acetophenone	7.316	105	751886	42.626	ng	# 97
24) Nitrobenzene	7.487	77	567935	49.874	ng	100
25) Isophorone	7.728	82	1049987	43.109	ng	99
26) 2-Nitrophenol	7.804	139	270273	54.552	ng	98
27) 2,4-Dimethylphenol	7.834	122	530664	43.212	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	677074	44.077	ng	99
29) 2,4-Dichlorophenol	8.040	162	450996	43.927	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	505370	44.110	ng	100
31) Naphthalene	8.210	128	1631154	42.898	ng	100
32) Benzoic acid	7.934	122	285536	48.669	ng	99
33) 4-Chloroaniline	8.251	127	188949	11.933	ng	99
34) Hexachlorobutadiene	8.328	225	308153	46.100	ng	99
35) Caprolactam	8.616	113	126647	41.039	ng	95
36) 4-Chloro-3-methylphenol	8.728	107	428130	40.609	ng	98
37) 2-Methylnaphthalene	8.898	142	977255	41.802	ng	99
38) 1-Methylnaphthalene	8.998	142	999740	41.279	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	471907	47.654	ng	99
41) Hexachlorocyclopentadiene	9.057	237	554087	98.586	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	305921	49.853	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142270.D
 Acq On : 01 May 2025 19:52
 Operator : RC/JU
 Sample : Q1901-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MSD

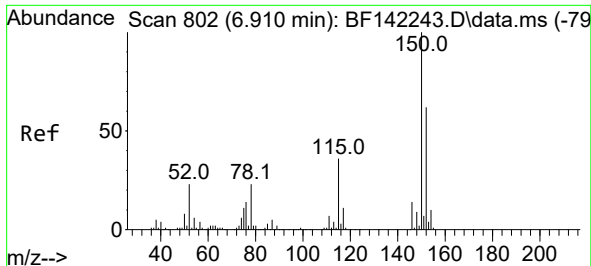
Quant Time: May 02 01:08:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	297440	46.102	ng	99
46) 1,1'-Biphenyl	9.363	154	1272788	46.529	ng	99
47) 2-Chloronaphthalene	9.392	162	925740	45.486	ng	99
48) 2-Nitroaniline	9.481	65	252309	47.110	ng	98
49) Acenaphthylene	9.804	152	1503902	43.790	ng	100
50) Dimethylphthalate	9.663	163	1015217	45.099	ng	100
51) 2,6-Dinitrotoluene	9.722	165	204319	47.378	ng	98
52) Acenaphthene	9.981	154	931022	46.429	ng	98
53) 3-Nitroaniline	9.886	138	121932	24.861	ng	# 96
54) 2,4-Dinitrophenol	9.992	184	131189	84.371	ng	# 41
55) Dibenzofuran	10.151	168	1290218	42.922	ng	99
56) 4-Nitrophenol	10.039	139	316946	89.575	ng	99
57) 2,4-Dinitrotoluene	10.122	165	249724	47.801	ng	99
58) Fluorene	10.492	166	945333	41.360	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	232642	43.531	ng	99
60) Diethylphthalate	10.363	149	980867	44.125	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	467320	43.054	ng	97
62) 4-Nitroaniline	10.504	138	182663	38.819	ng	95
63) Azobenzene	10.645	77	1027831	46.824	ng	96
65) 4,6-Dinitro-2-methylph...	10.528	198	85960	51.580	ng	96
66) n-Nitrosodiphenylamine	10.604	169	816949	48.191	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	278827	50.462	ng	99
68) Hexachlorobenzene	11.039	284	292279	47.230	ng	99
69) Atrazine	11.128	200	232637	52.062	ng	99
70) Pentachlorophenol	11.228	266	317591	97.144	ng	98
71) Phenanthrene	11.457	178	1239899	46.265	ng	100
72) Anthracene	11.504	178	1211937	44.230	ng	99
73) Carbazole	11.657	167	1076493	43.067	ng	99
74) Di-n-butylphthalate	11.992	149	1373313	54.629	ng	100
75) Fluoranthene	12.645	202	1282408	48.407	ng	99
77) Benzidine	12.763	184	472493	25.867	ng	99
78) Pyrene	12.869	202	1332351	33.599	ng	99
80) Butylbenzylphthalate	13.492	149	544307	50.031	ng	99
81) Benzo(a)anthracene	14.063	228	1310994	45.428	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	285891	33.727	ng	99
83) Chrysene	14.098	228	1182323	45.008	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	774590	51.320	ng	100
85) Di-n-octyl phthalate	14.669	149	1467740	52.643	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.068	276	1135807	32.760	ng	99
88) Benzo(b)fluoranthene	15.121	252	1429910	48.634	ng	100
89) Benzo(k)fluoranthene	15.157	252	1218152	45.297	ng	99
90) Benzo(a)pyrene	15.498	252	1262185	46.890	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	932712	33.147	ng	99
92) Benzo(g,h,i)perylene	17.521	276	856464	30.277	ng	100

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

Quant Time: May 02 01:08:53 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

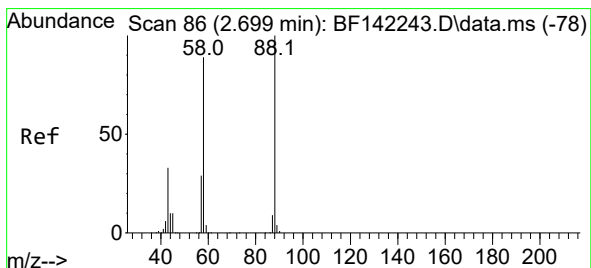
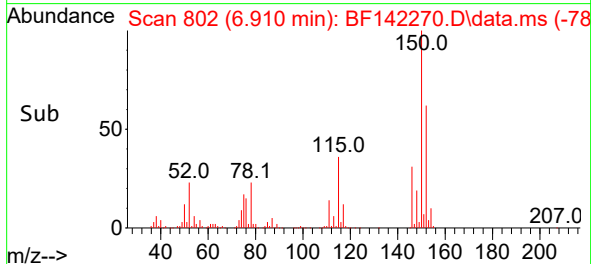
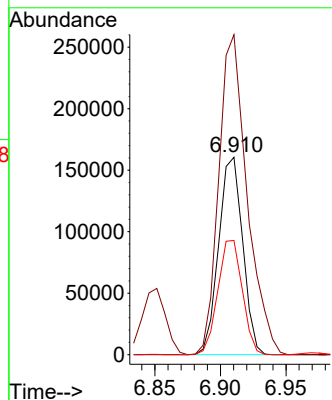
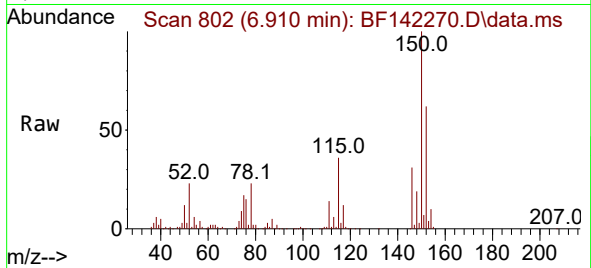




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142270.D
 Acq: 01 May 2025 19:52

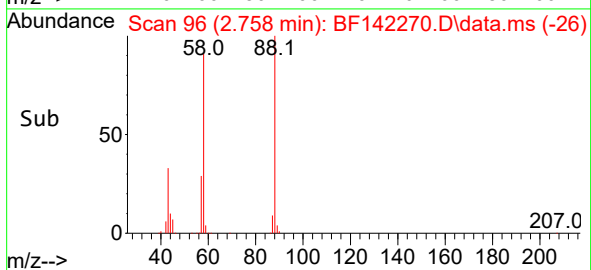
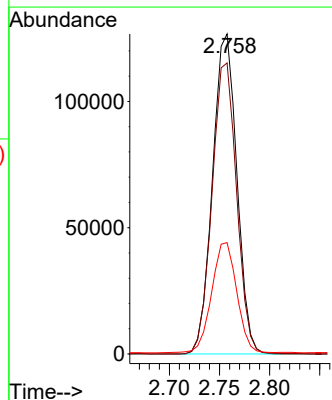
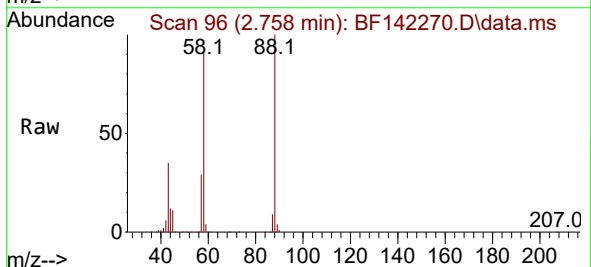
Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MSD

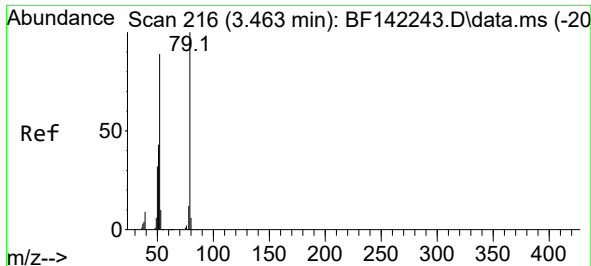
Tgt Ion:152 Resp: 204570
 Ion Ratio Lower Upper
 152 100
 150 162.1 130.2 195.2
 115 57.9 47.0 70.4



#2
 1,4-Dioxane
 Concen: 37.338 ng
 RT: 2.758 min Scan# 96
 Delta R.T. 0.059 min
 Lab File: BF142270.D
 Acq: 01 May 2025 19:52

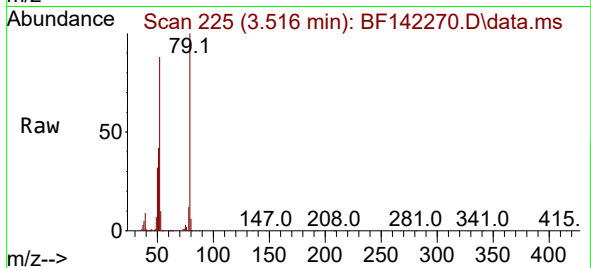
Tgt Ion: 88 Resp: 213600
 Ion Ratio Lower Upper
 88 100
 58 92.2 72.2 108.2
 43 35.6 27.0 40.6



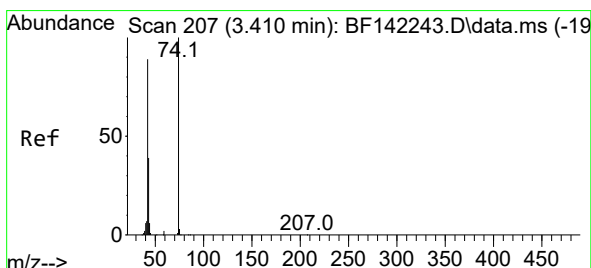
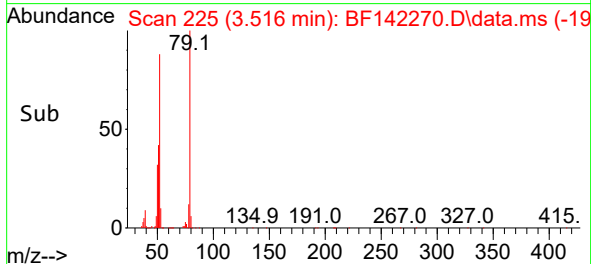
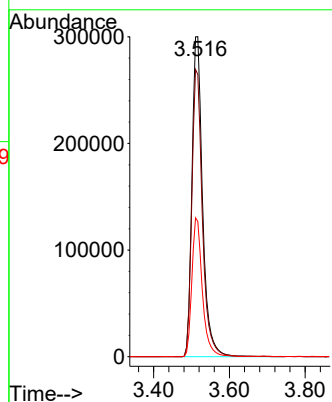


#3
Pyridine
Concen: 39.445 ng
RT: 3.516 min Scan# 216
Delta R.T. 0.053 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

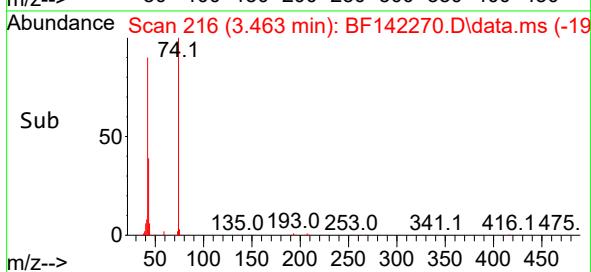
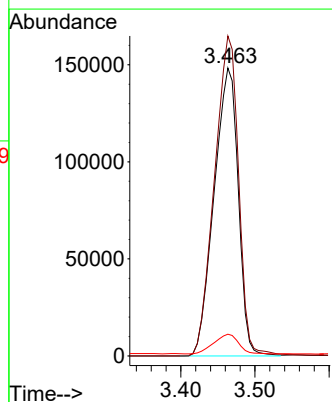
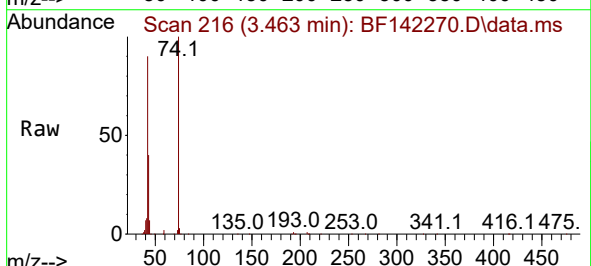


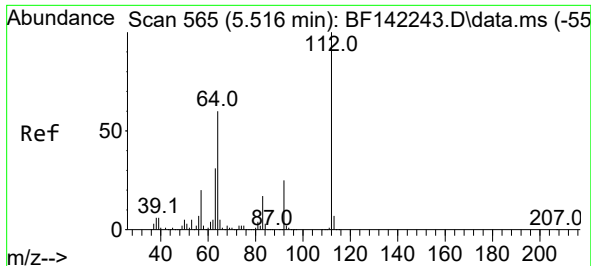
Tgt Ion: 79 Resp: 586468
Ion Ratio Lower Upper
79 100
52 88.2 71.5 107.3
51 42.3 34.5 51.7



#4
n-Nitrosodimethylamine
Concen: 43.715 ng
RT: 3.463 min Scan# 216
Delta R.T. 0.053 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion: 42 Resp: 336346
Ion Ratio Lower Upper
42 100
74 111.1 89.5 134.3
44 7.6 6.6 9.8

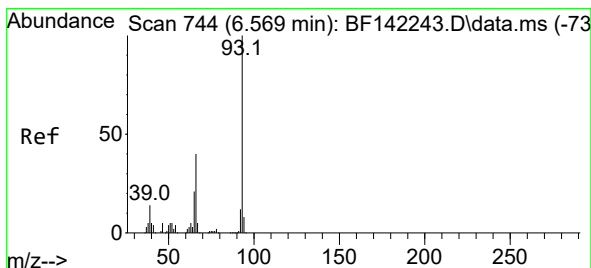
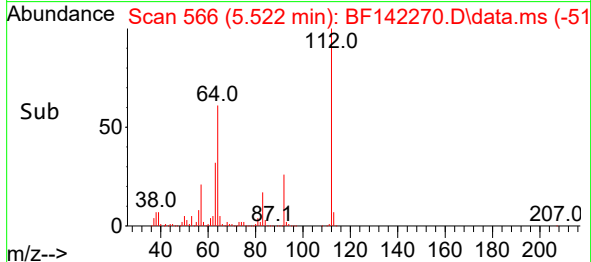
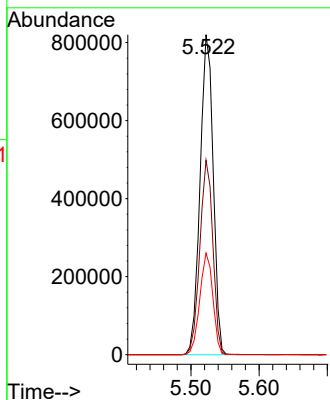
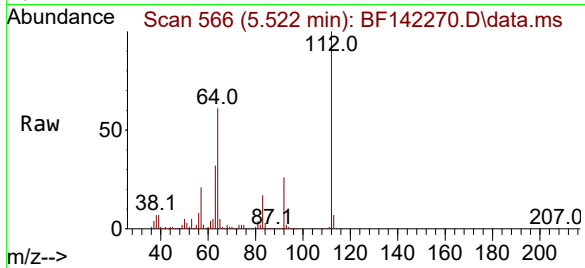




#5
2-Fluorophenol
Concen: 85.729 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

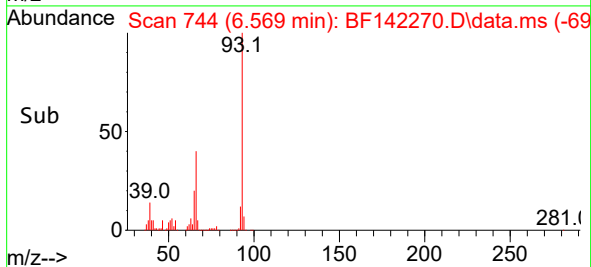
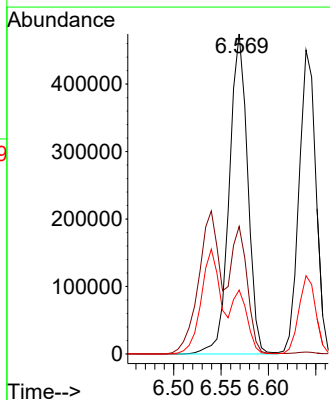
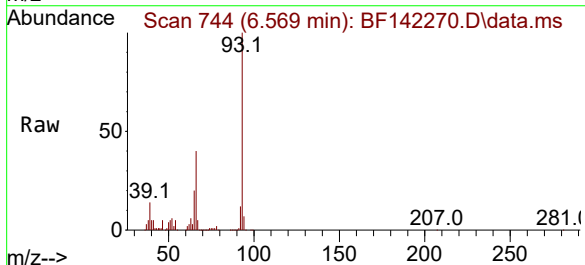
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

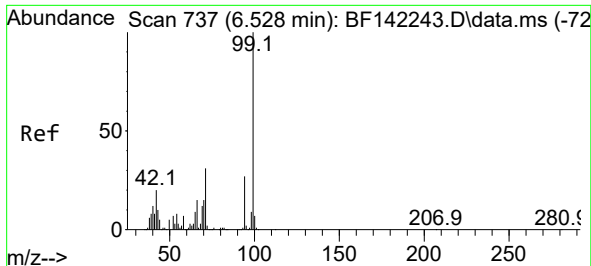
Tgt Ion:112 Resp: 1098118
Ion Ratio Lower Upper
112 100
64 60.8 48.4 72.6
63 31.7 24.8 37.2



#6
Aniline
Concen: 29.271 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion: 93 Resp: 640860
Ion Ratio Lower Upper
93 100
66 39.9 32.1 48.1
65 20.0 16.6 24.8

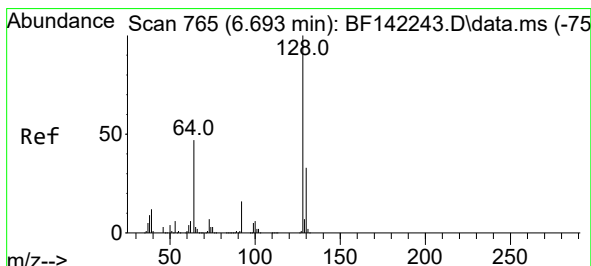
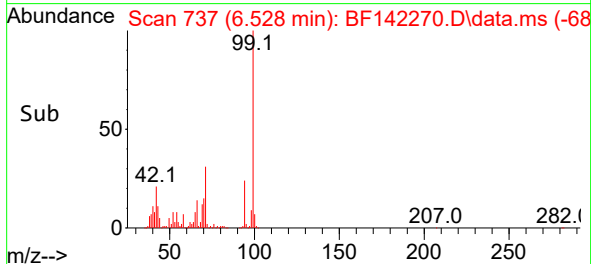
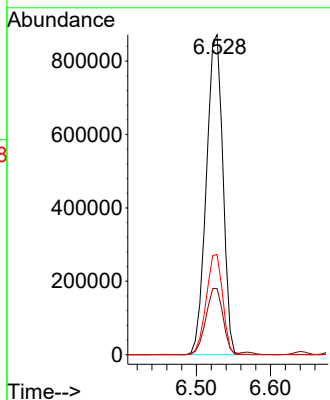
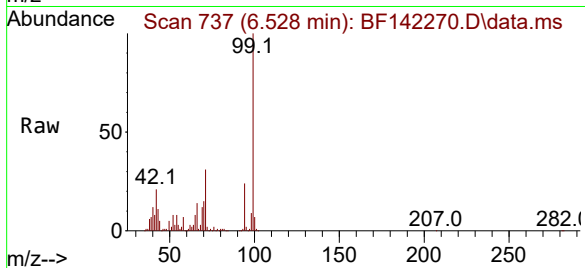




#7
Phenol-d6
Concen: 87.225 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

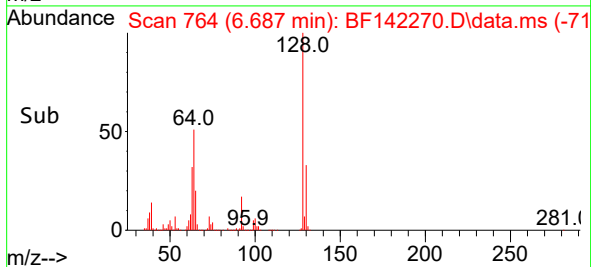
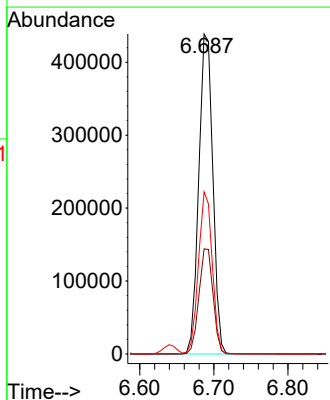
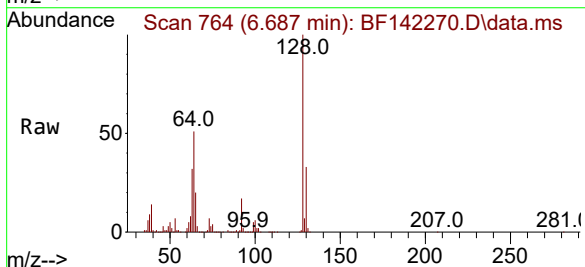
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

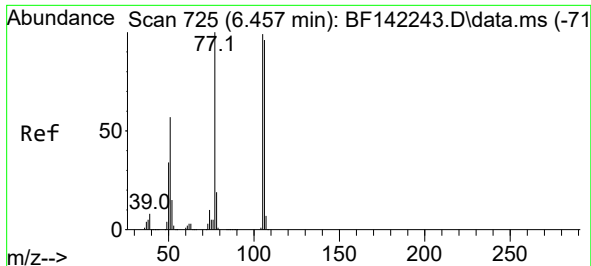
Tgt Ion: 99 Resp: 1349184
Ion Ratio Lower Upper
99 100
42 20.7 16.3 24.5
71 31.3 25.0 37.4



#8
2-Chlorophenol
Concen: 43.572 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:128 Resp: 576726
Ion Ratio Lower Upper
128 100
130 32.9 13.1 53.1
64 50.7 28.6 68.6

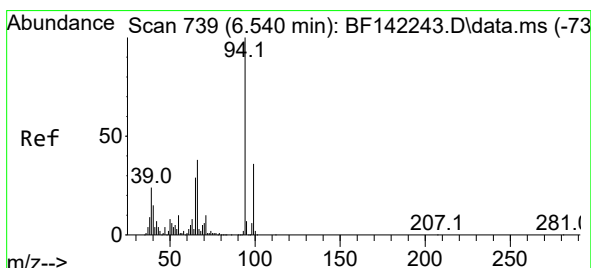
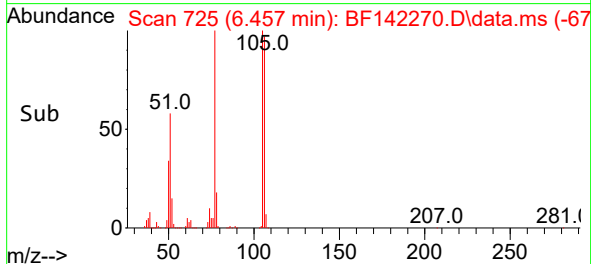
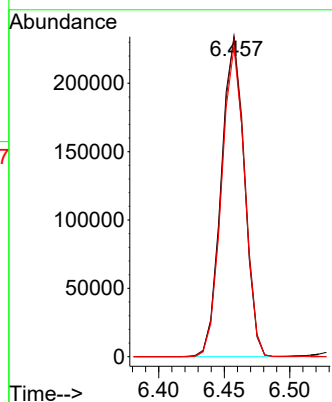
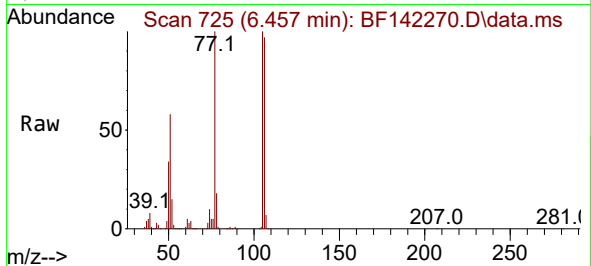




#9
Benzaldehyde
Concen: 26.480 ng
RT: 6.457 min Scan# 725
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

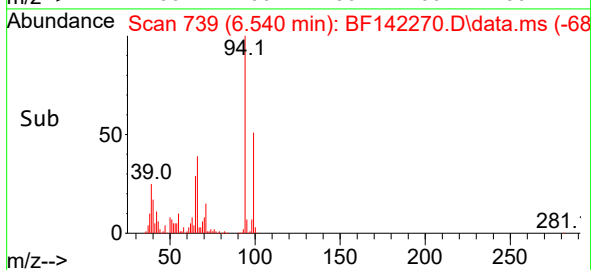
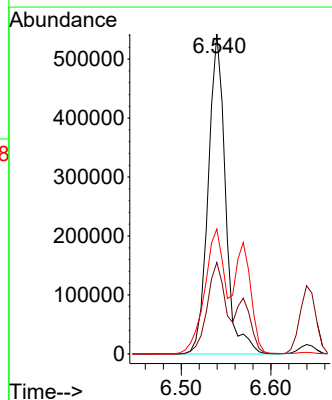
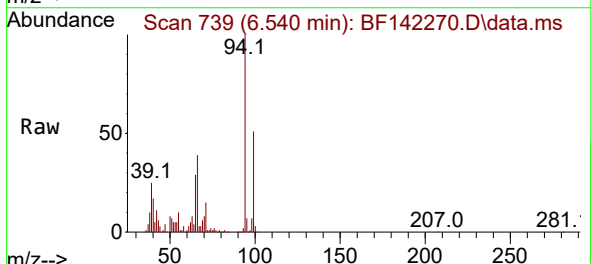
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

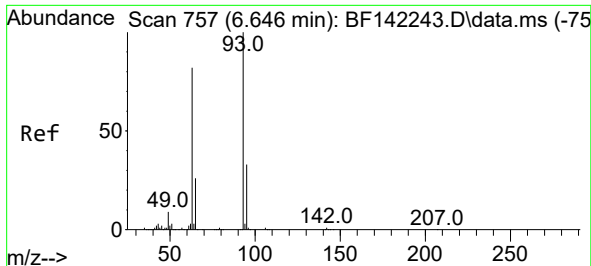
Tgt Ion: 77 Resp: 286273
Ion Ratio Lower Upper
77 100
105 100.2 79.1 119.1
106 96.9 76.0 116.0



#10
Phenol
Concen: 43.657 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion: 94 Resp: 726995
Ion Ratio Lower Upper
94 100
65 28.6 8.9 48.9
66 39.1 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 43.034 ng

RT: 6.640 min Scan# 756

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

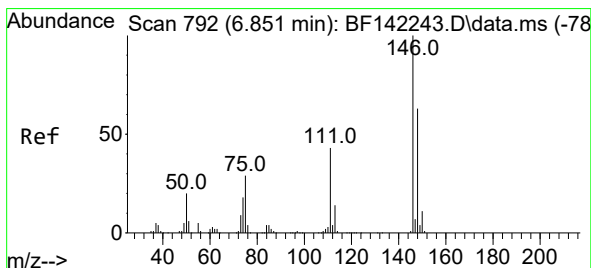
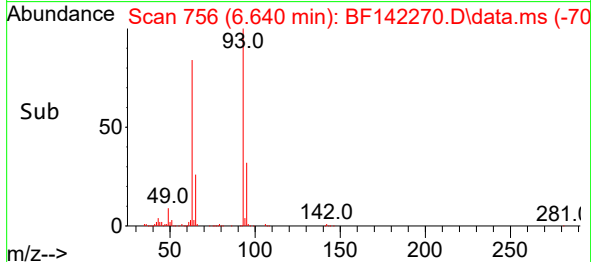
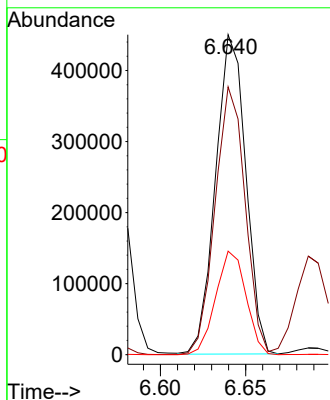
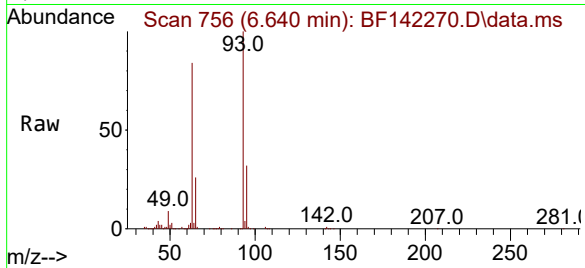
Tgt Ion: 93 Resp: 555314

Ion Ratio Lower Upper

93 100

63 83.7 62.2 102.2

95 32.3 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 41.999 ng

RT: 6.851 min Scan# 792

Delta R.T. 0.000 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

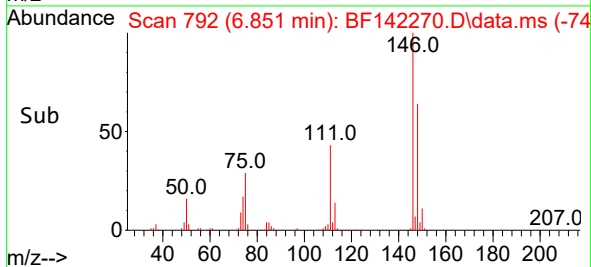
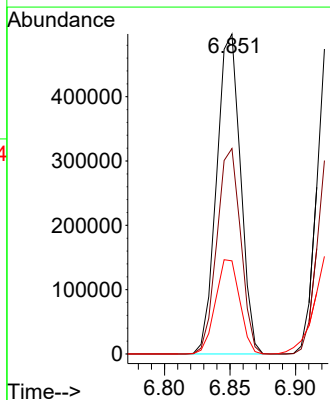
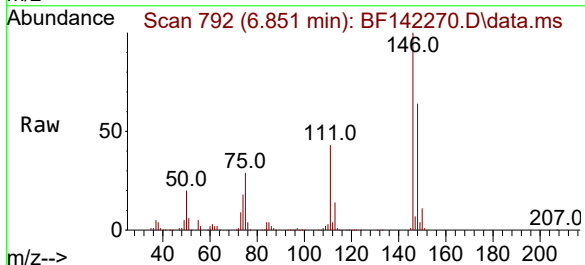
Tgt Ion:146 Resp: 628881

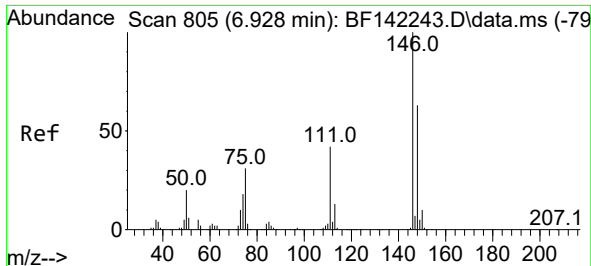
Ion Ratio Lower Upper

146 100

148 64.2 50.5 75.7

75 29.1 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 42.264 ng

RT: 6.928 min Scan# 805

Delta R.T. 0.000 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

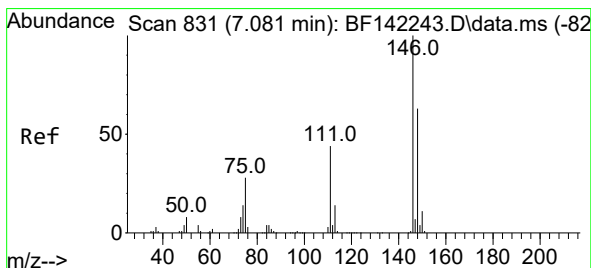
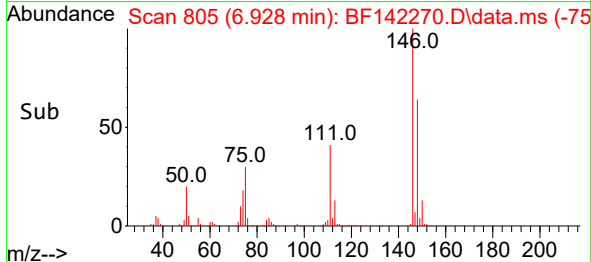
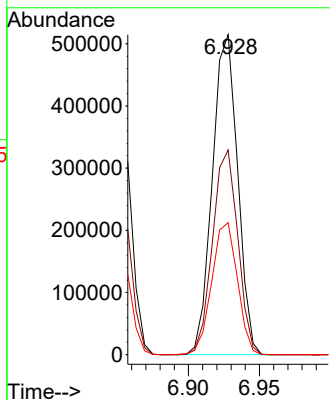
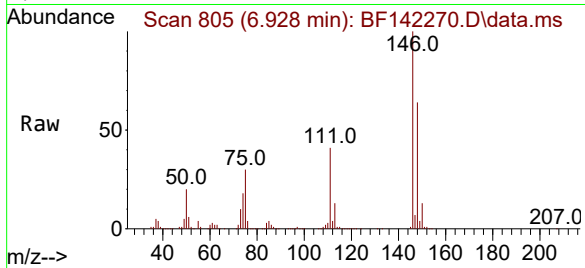
Tgt Ion:146 Resp: 637600

Ion Ratio Lower Upper

146 100

148 64.0 50.6 76.0

111 41.3 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 42.685 ng

RT: 7.075 min Scan# 830

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

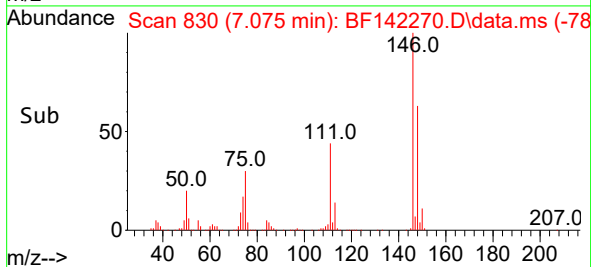
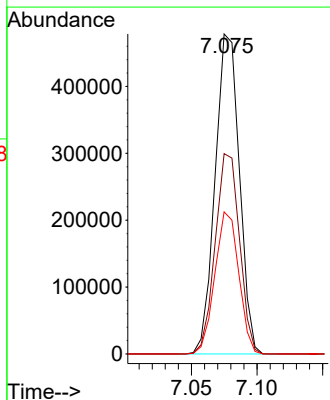
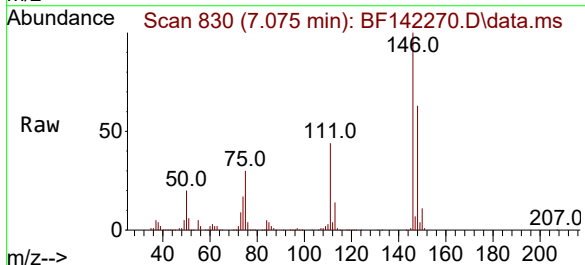
Tgt Ion:146 Resp: 614756

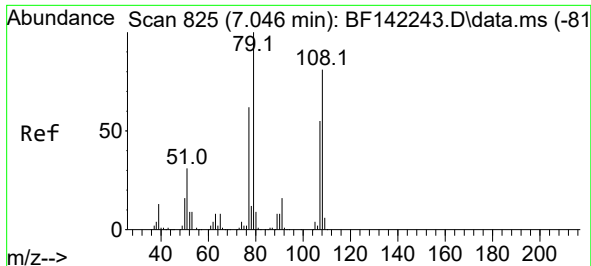
Ion Ratio Lower Upper

146 100

148 62.6 50.5 75.7

111 44.4 34.9 52.3

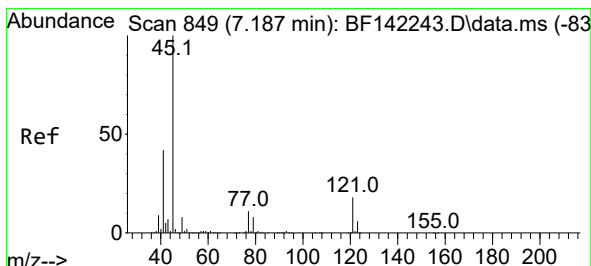
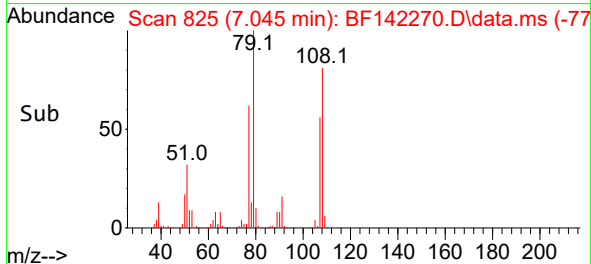
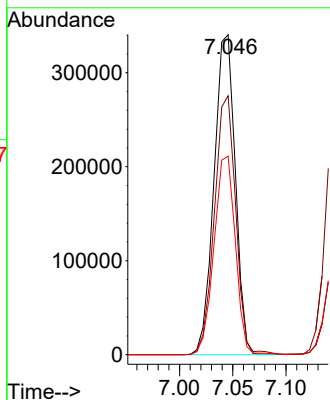
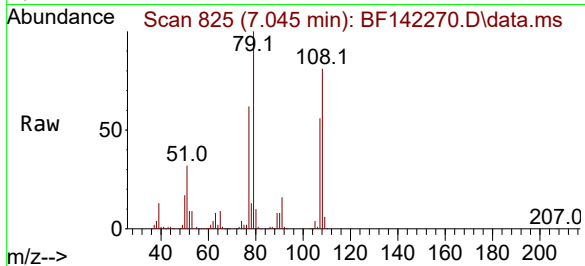




#15
Benzyl Alcohol
Concen: 42.978 ng
RT: 7.045 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

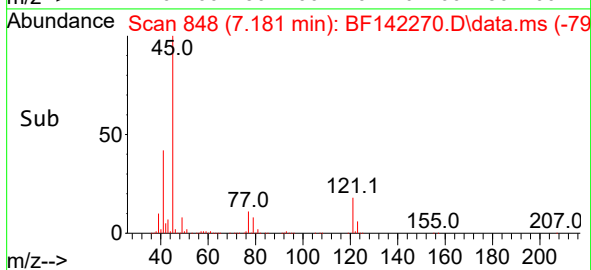
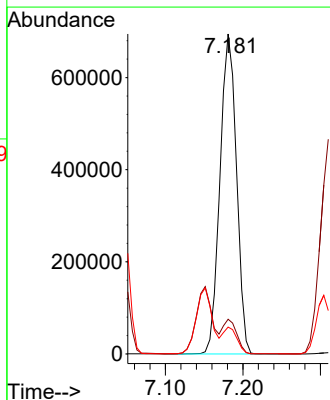
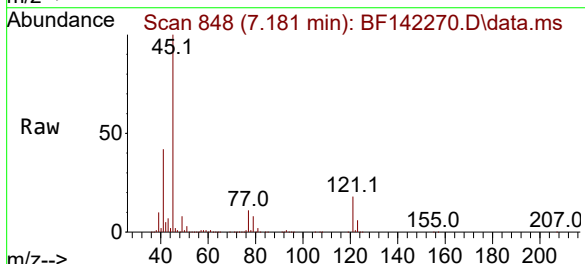
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

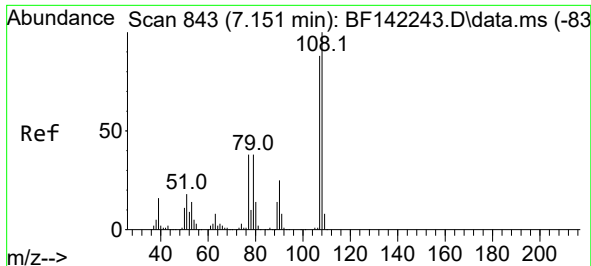
Tgt Ion: 79 Resp: 471490
Ion Ratio Lower Upper
79 100
108 80.9 64.5 96.7
77 62.0 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.067 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion: 45 Resp: 1026846
Ion Ratio Lower Upper
45 100
77 10.8 0.0 31.3
79 8.4 0.0 28.5

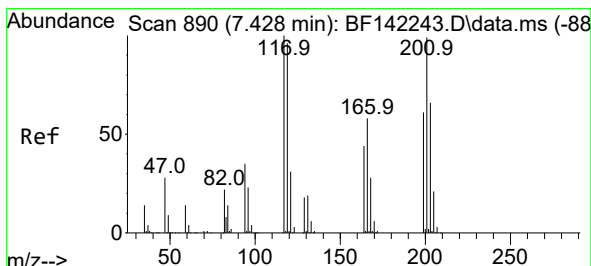
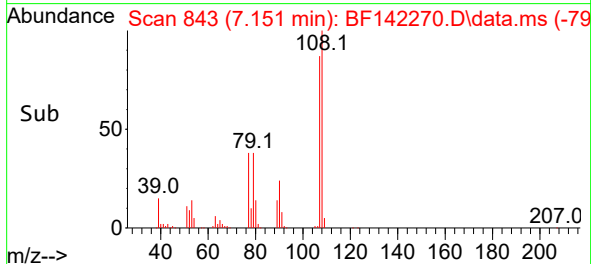
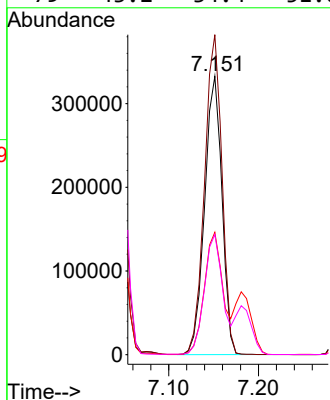
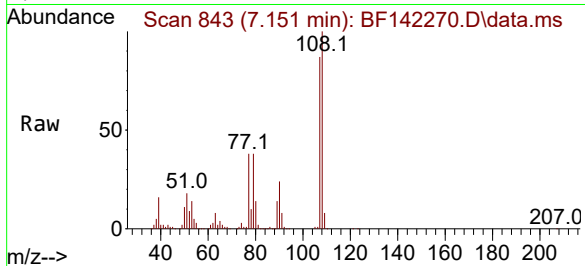




#17
2-Methylphenol
Concen: 41.139 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

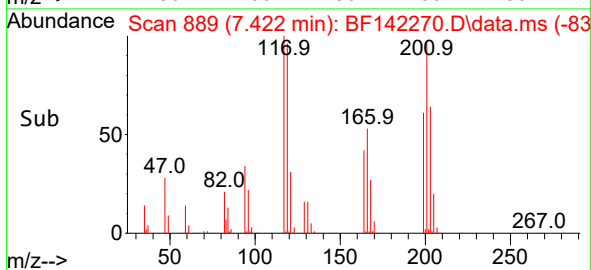
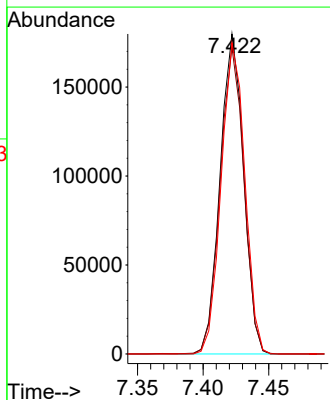
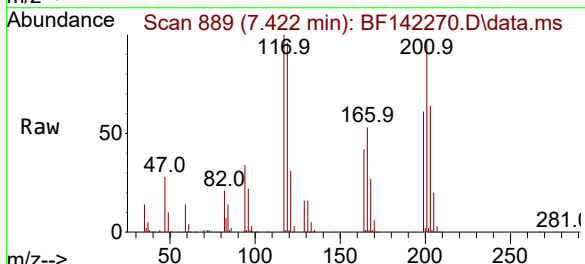
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

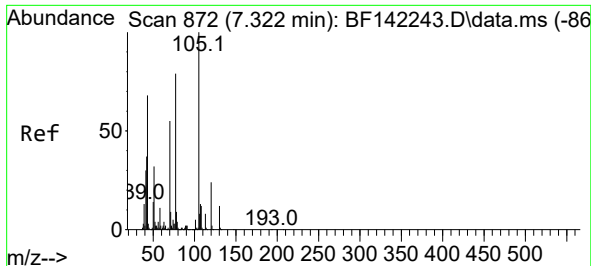
Tgt Ion:	107	Resp:	446076
Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.0	136.4
77	44.0	34.4	51.6
79	43.2	34.4	51.6



#18
Hexachloroethane
Concen: 45.411 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:	117	Resp:	224222
Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.1	115.7
201	97.3	79.4	119.2

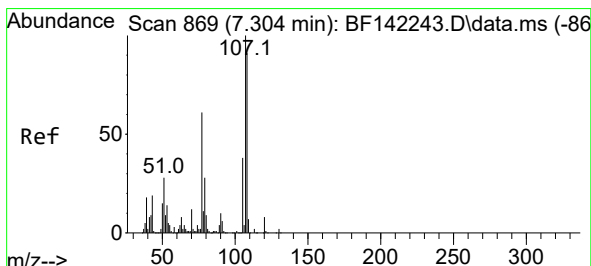
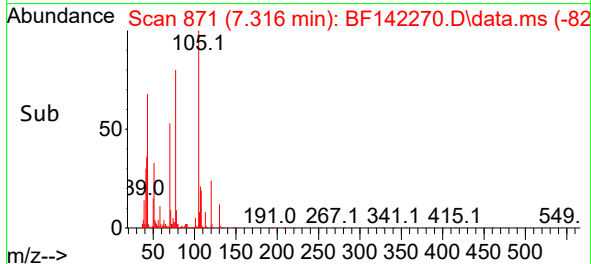
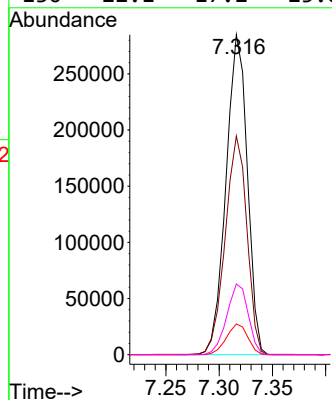
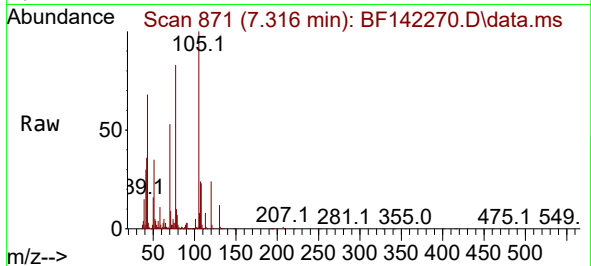




#19
n-Nitroso-di-n-propylamine
Concen: 41.480 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

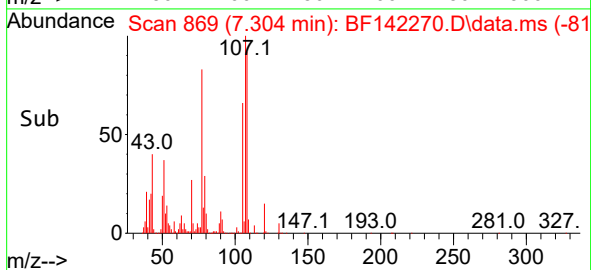
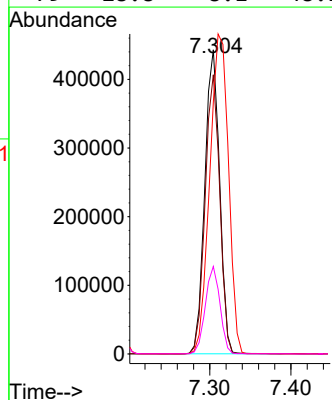
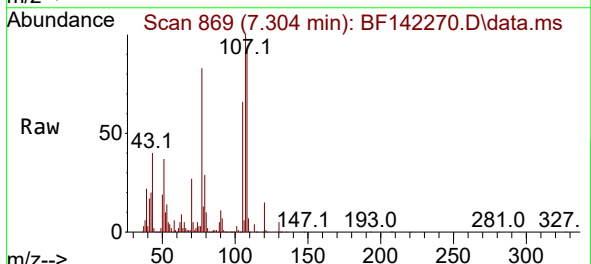
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

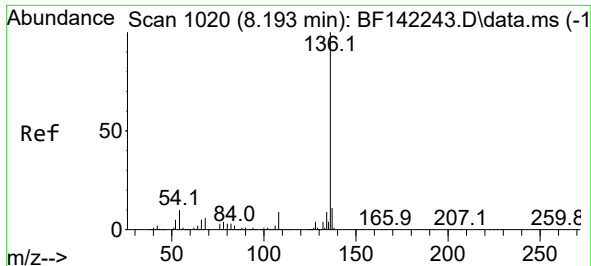
Tgt Ion: 70 Resp: 396481
Ion Ratio Lower Upper
70 100
42 68.4 53.4 80.2
101 9.6 7.7 11.5
130 22.1 17.2 25.8



#20
3+4-Methylphenols
Concen: 41.280 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

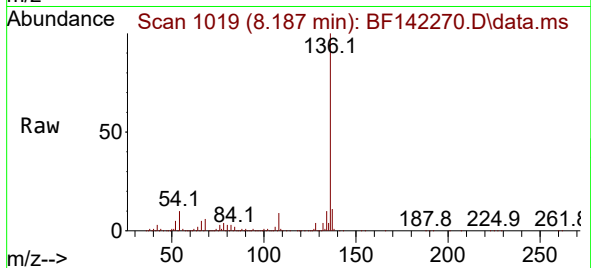
Tgt Ion: 107 Resp: 559745
Ion Ratio Lower Upper
107 100
108 91.8 71.2 111.2
77 82.8 41.1 81.1#
79 28.8 8.1 48.1



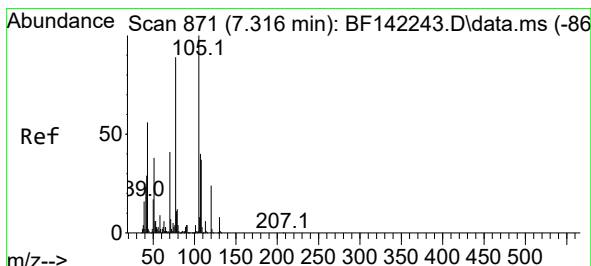
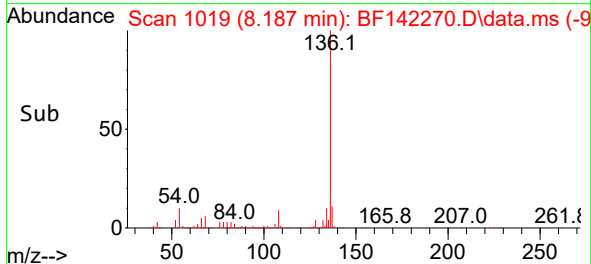
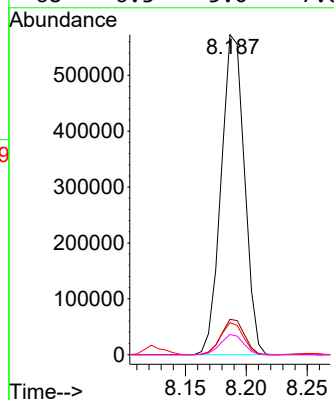


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

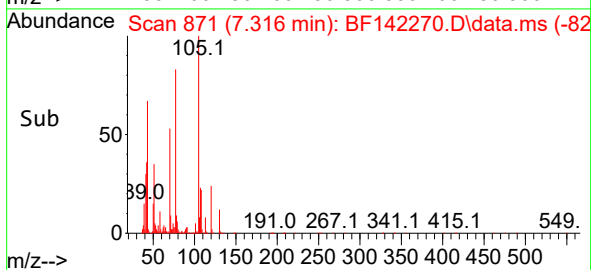
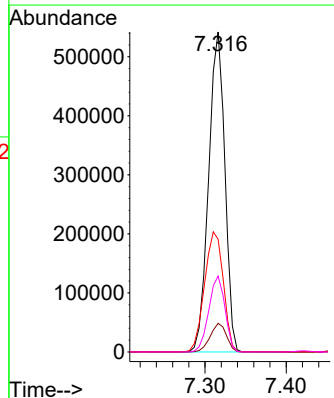
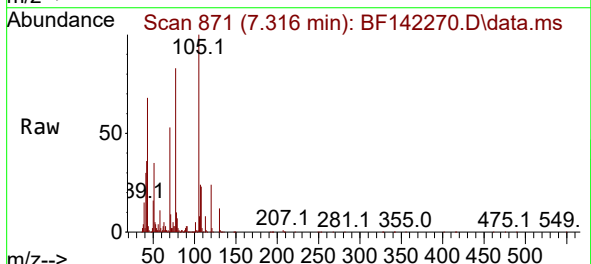


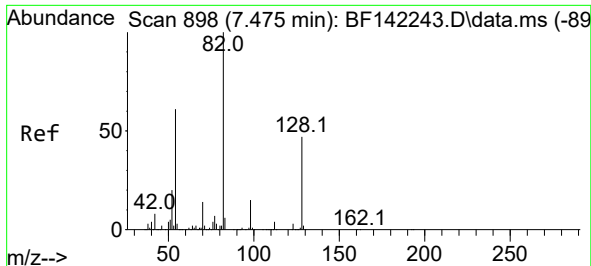
Tgt Ion:136 Resp: 762454
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 10.0 7.7 11.5
68 6.3 5.0 7.6



#22
Acetophenone
Concen: 42.626 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:105 Resp: 751886
Ion Ratio Lower Upper
105 100
71 8.9 5.7 8.5#
51 35.2 30.1 45.1
120 23.7 19.0 28.4





#23

Nitrobenzene-d5

Concen: 66.910 ng

RT: 7.469 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

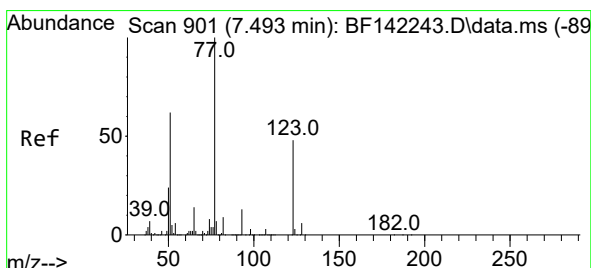
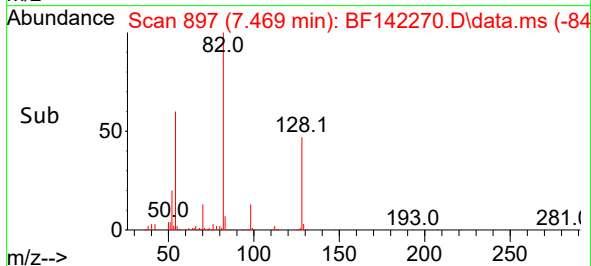
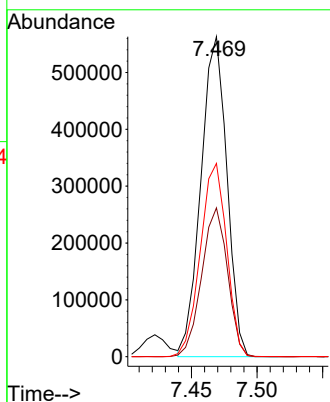
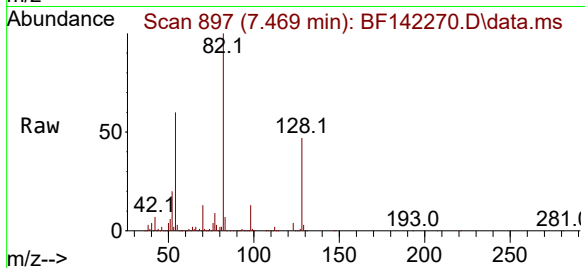
Tgt Ion: 82 Resp: 776525

Ion Ratio Lower Upper

82 100

128 46.5 37.0 55.6

54 60.4 48.0 72.0



#24

Nitrobenzene

Concen: 49.874 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

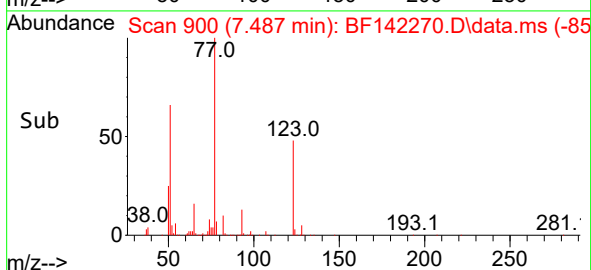
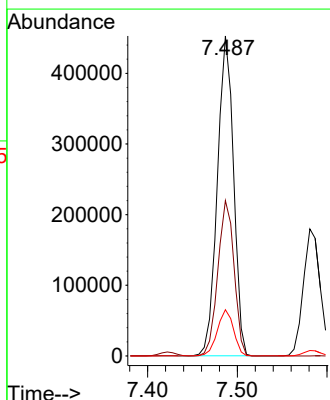
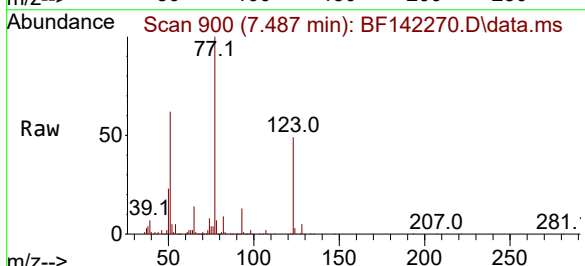
Tgt Ion: 77 Resp: 567935

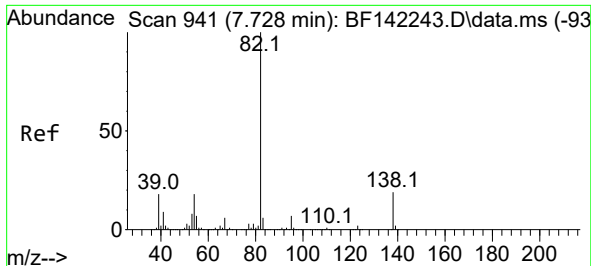
Ion Ratio Lower Upper

77 100

123 48.6 38.6 58.0

65 14.5 11.5 17.3

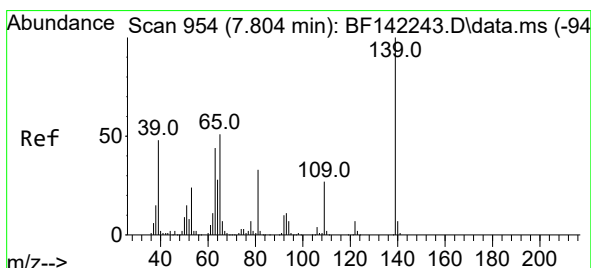
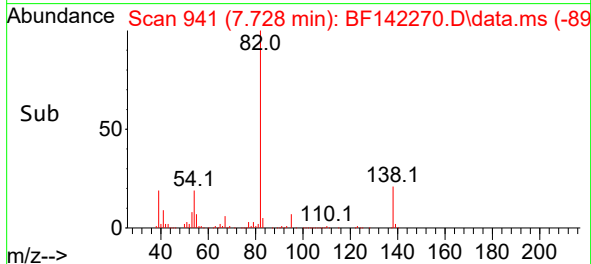
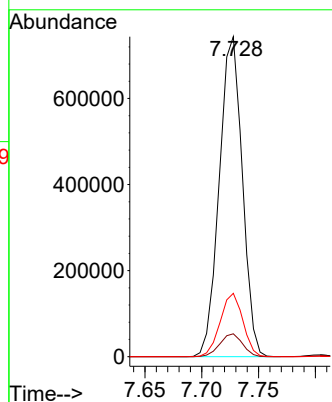
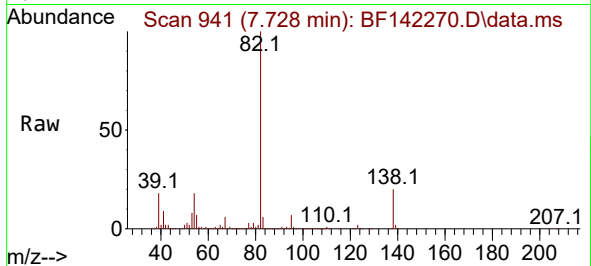




#25
Isophorone
Concen: 43.109 ng
RT: 7.728 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

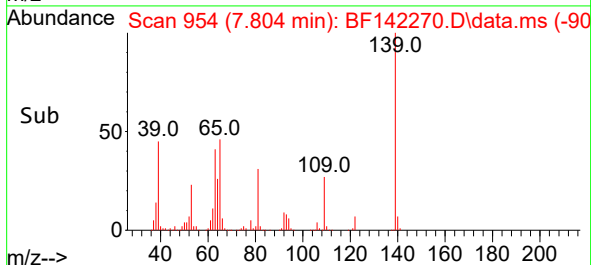
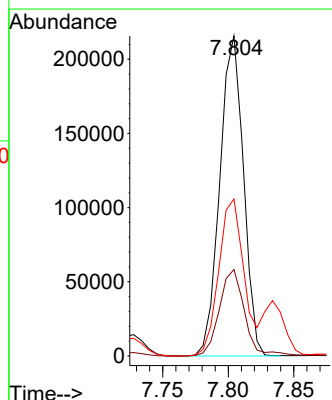
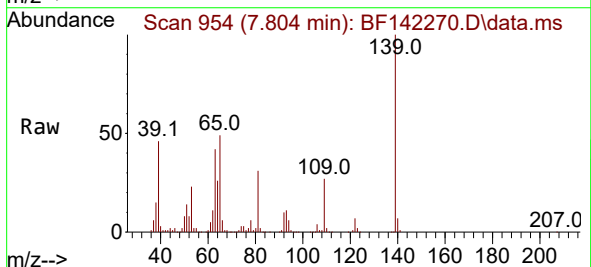
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

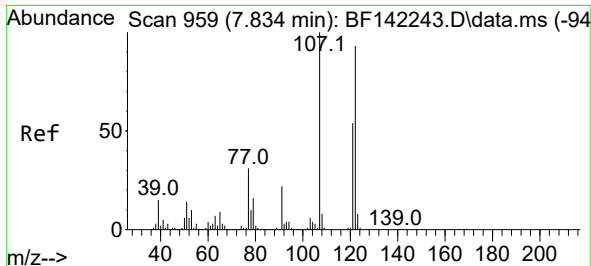
Tgt Ion: 82 Resp: 1049987
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.8 15.3 22.9



#26
2-Nitrophenol
Concen: 54.552 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:139 Resp: 270273
Ion Ratio Lower Upper
139 100
109 27.0 21.8 32.8
65 49.1 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 43.212 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

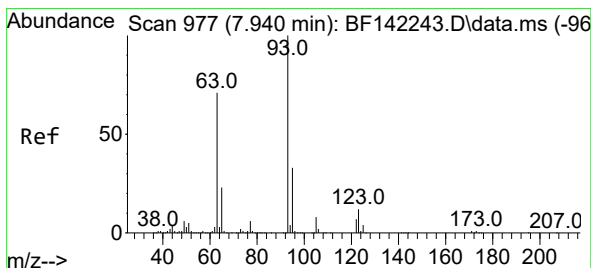
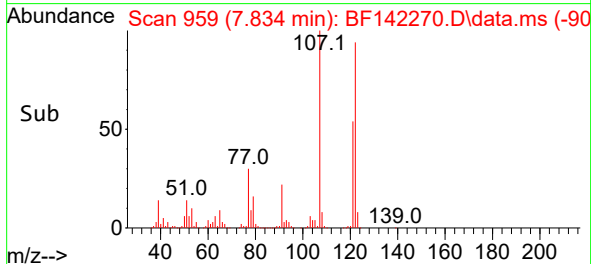
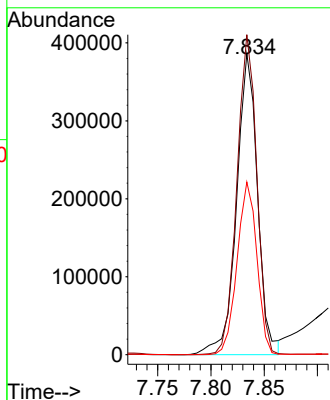
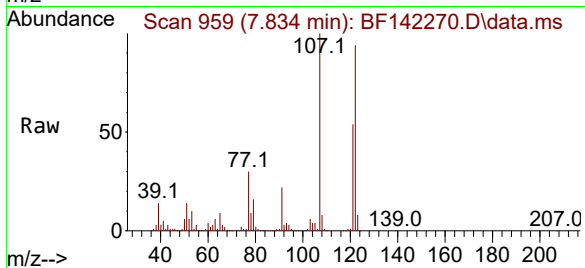
Tgt Ion:122 Resp: 530664

Ion Ratio Lower Upper

122 100

107 106.3 86.0 129.0

121 57.4 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 44.077 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

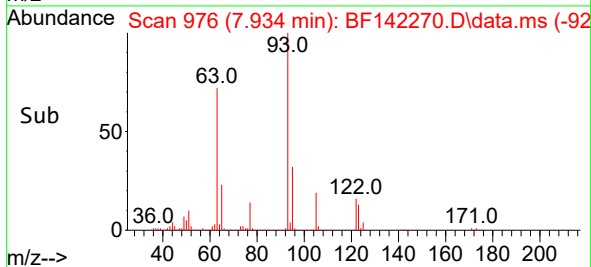
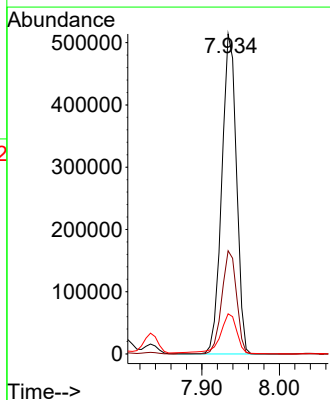
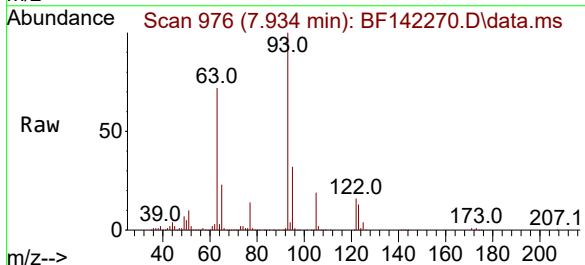
Tgt Ion: 93 Resp: 677074

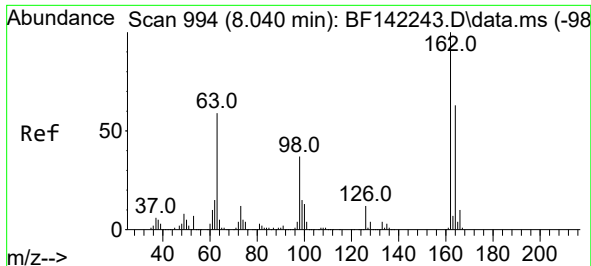
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

123 12.6 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 43.927 ng

RT: 8.040 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142270.D

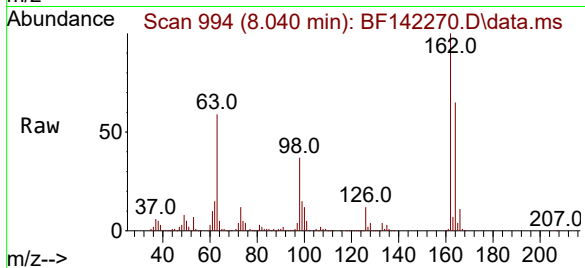
Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD



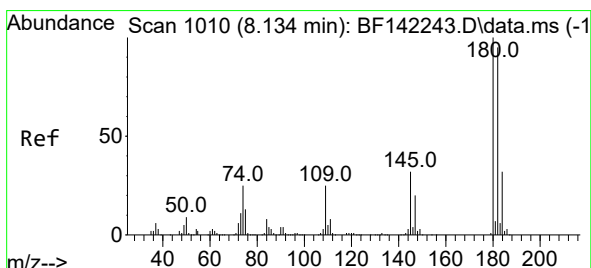
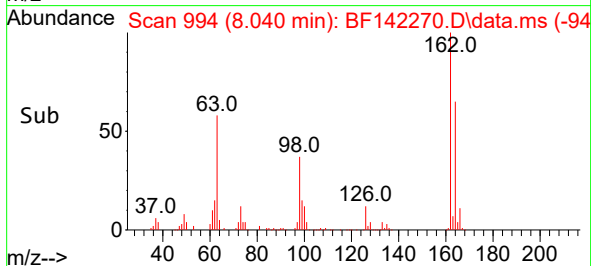
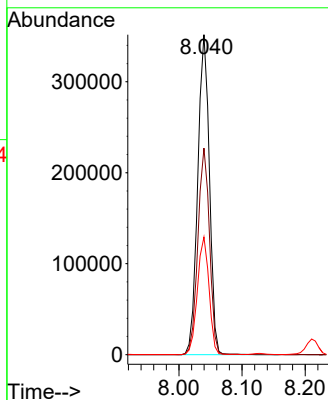
Tgt Ion:162 Resp: 450996

Ion Ratio Lower Upper

162 100

164 64.6 43.0 83.0

98 36.7 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 44.110 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

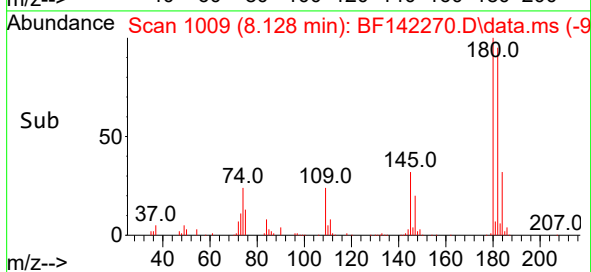
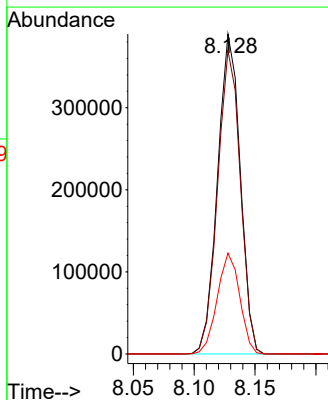
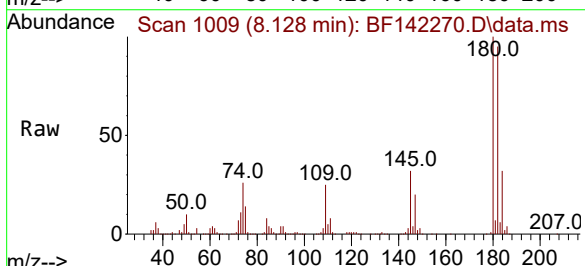
Tgt Ion:180 Resp: 505370

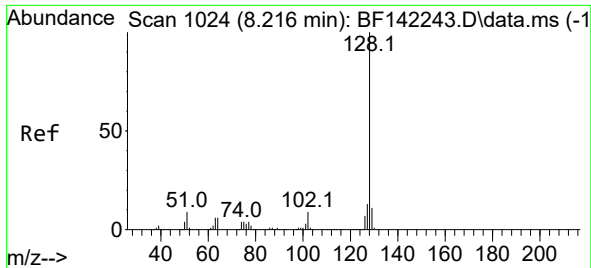
Ion Ratio Lower Upper

180 100

182 94.9 75.7 113.5

145 31.5 25.4 38.0

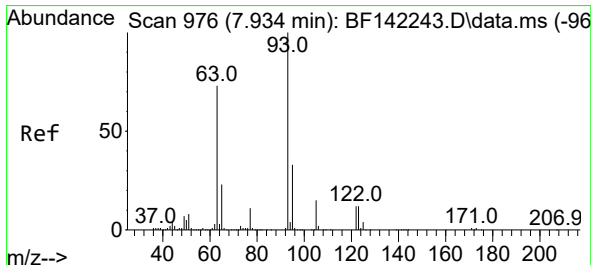
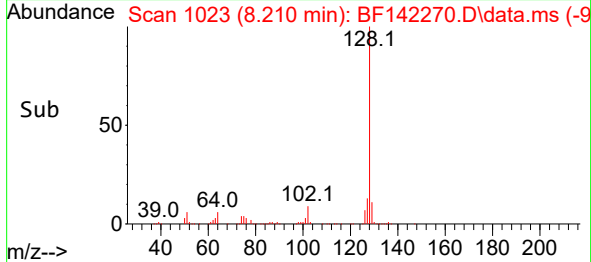
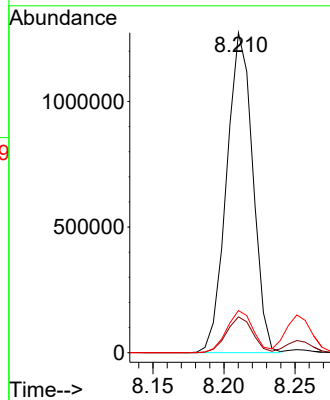
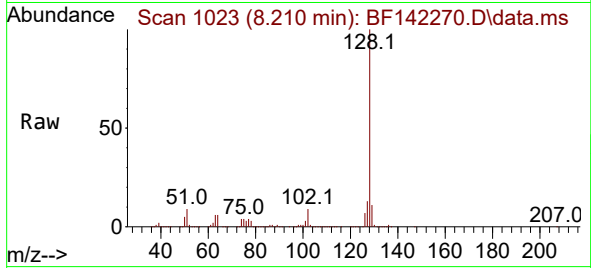




#31
Naphthalene
Concen: 42.898 ng
RT: 8.210 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

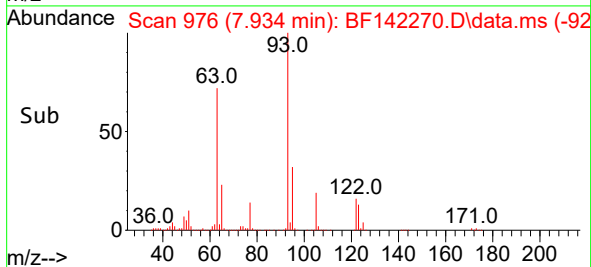
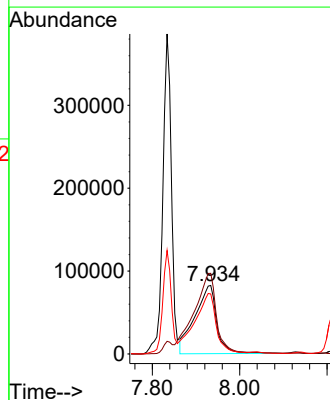
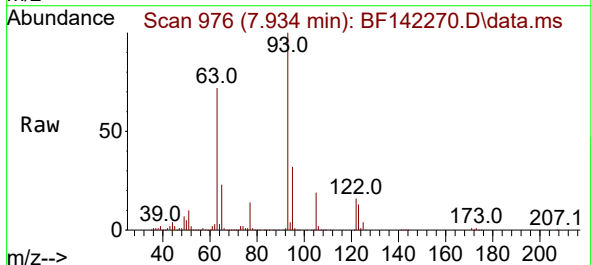
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

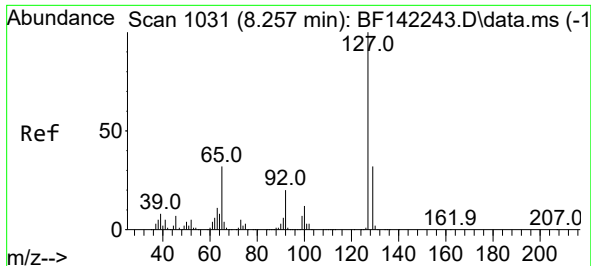
Tgt Ion:128 Resp: 1631154
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 48.669 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:122 Resp: 285536
Ion Ratio Lower Upper
122 100
105 117.7 98.2 138.2
77 87.6 66.8 106.8

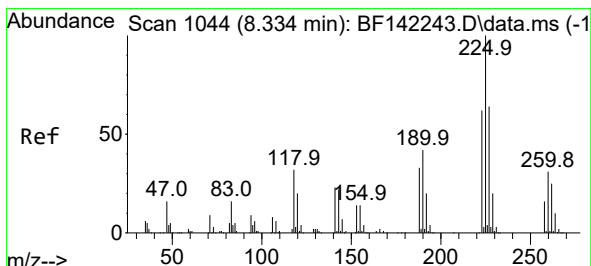
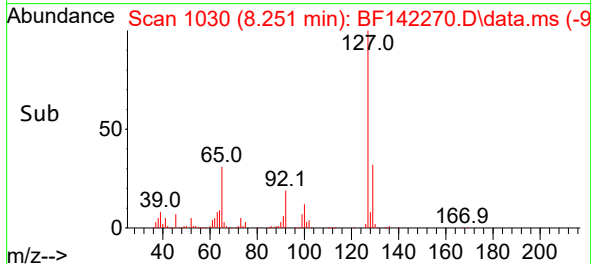
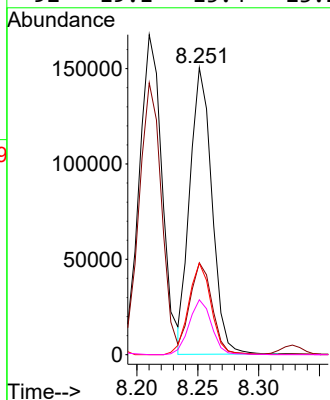
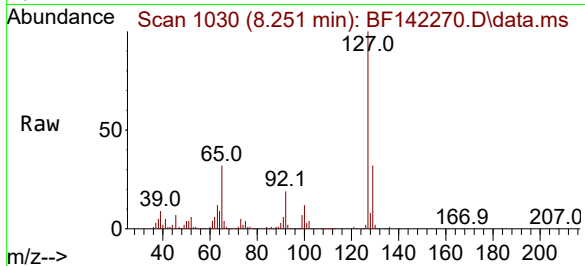




#33
4-Chloroaniline
Concen: 11.933 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

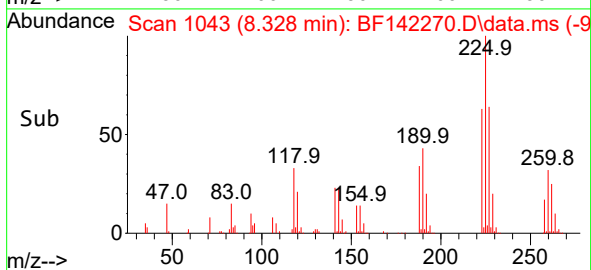
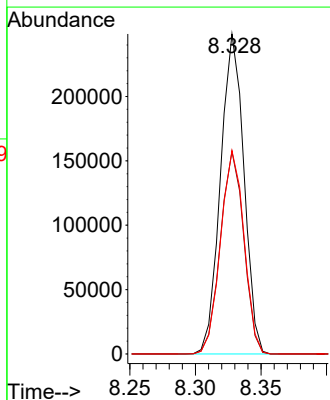
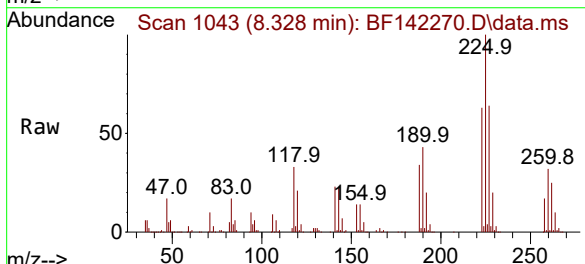
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

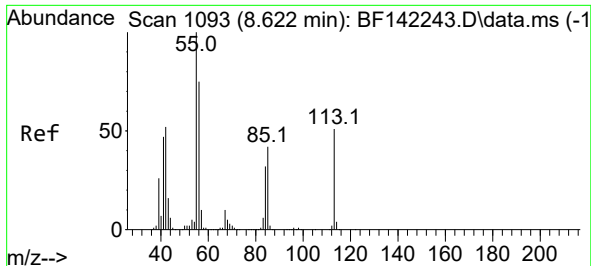
Tgt	Ion:127	Resp:	188949
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	31.9	25.5	38.3
92	19.1	15.4	23.2



#34
Hexachlorobutadiene
Concen: 46.100 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:225	Resp: 308153
Ion Ratio	Lower Upper
225 100	
223 63.3	49.7 74.5
227 63.6	51.0 76.4

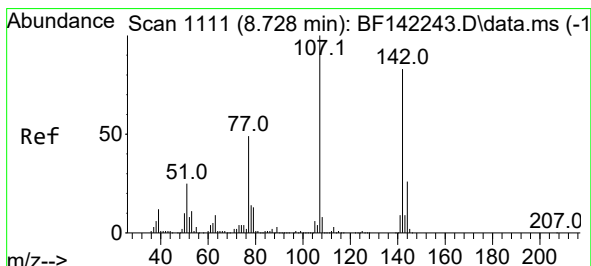
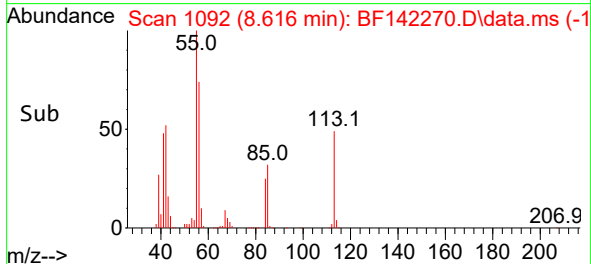
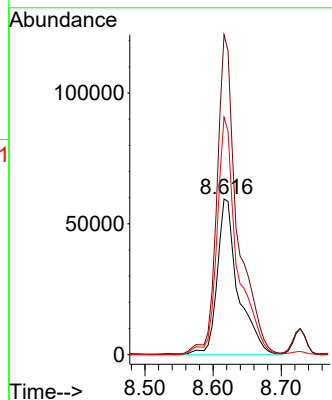
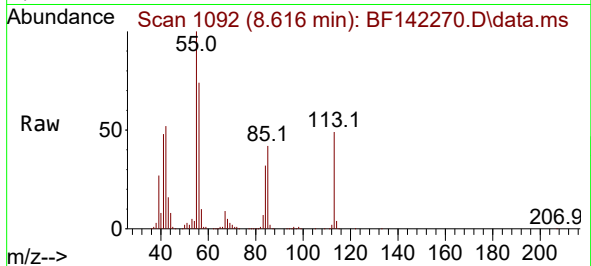




#35
Caprolactam
Concen: 41.039 ng
RT: 8.616 min Scan# 1092
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

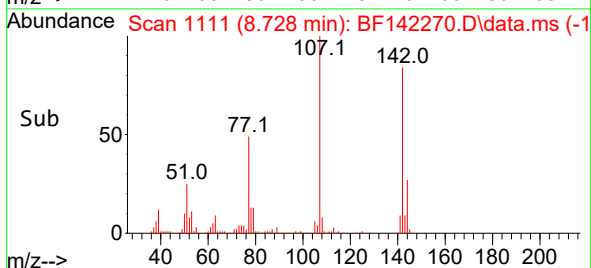
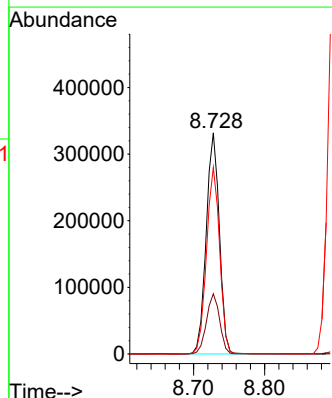
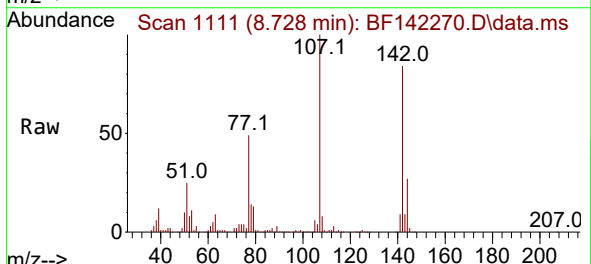
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

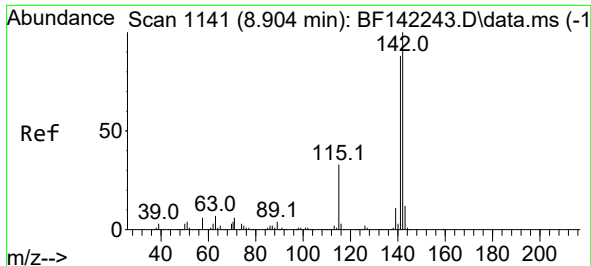
Tgt Ion:113 Resp: 126647
Ion Ratio Lower Upper
113 100
55 205.5 177.7 217.7
56 152.5 127.1 167.1



#36
4-Chloro-3-methylphenol
Concen: 40.609 ng
RT: 8.728 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:107 Resp: 428130
Ion Ratio Lower Upper
107 100
144 27.3 21.0 31.4
142 84.3 66.1 99.1

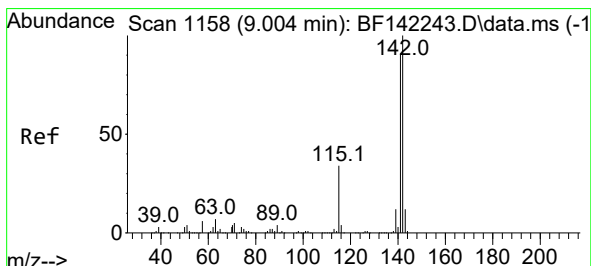
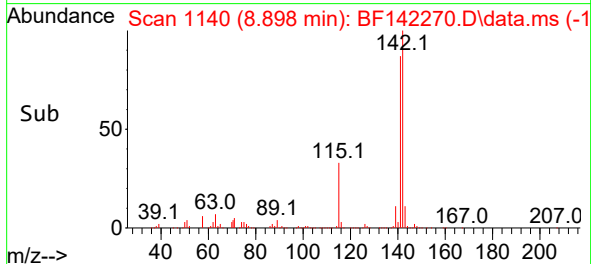
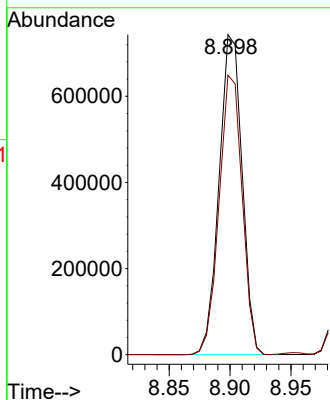
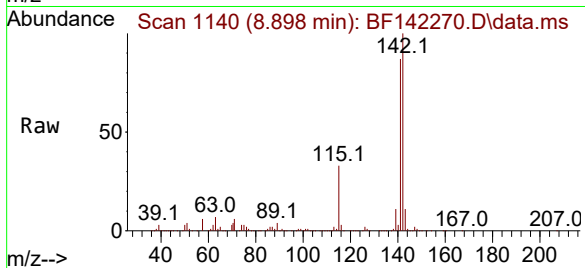




#37
2-Methylnaphthalene
Concen: 41.802 ng
RT: 8.898 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

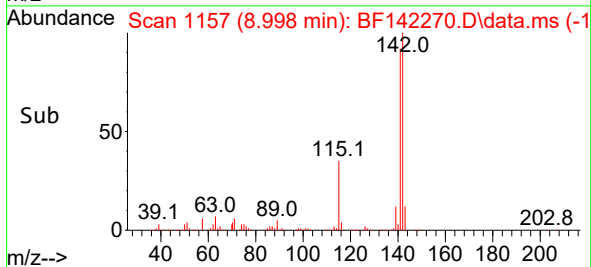
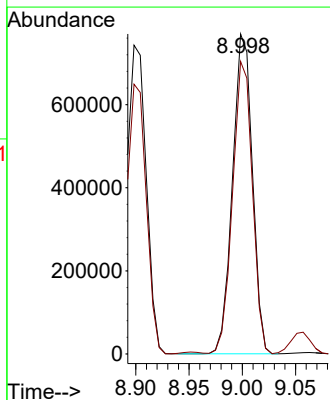
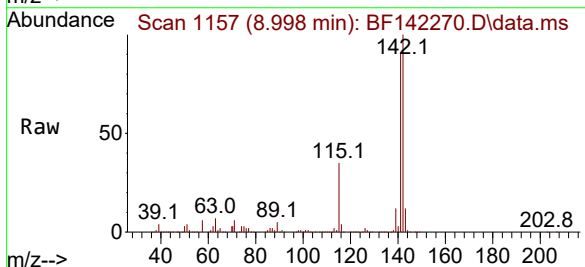
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

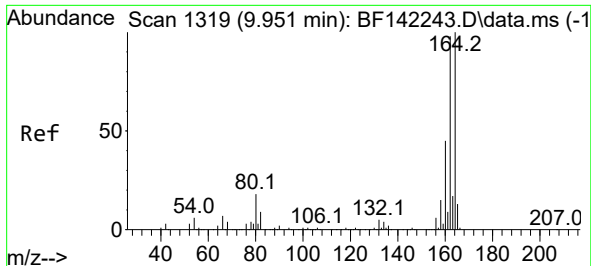
Tgt Ion:142 Resp: 977255
Ion Ratio Lower Upper
142 100
141 87.4 70.5 105.7



#38
1-Methylnaphthalene
Concen: 41.279 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:142 Resp: 999740
Ion Ratio Lower Upper
142 100
141 91.4 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: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

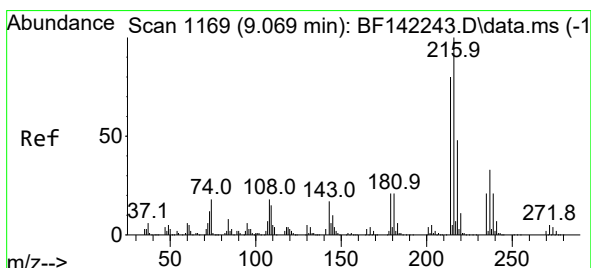
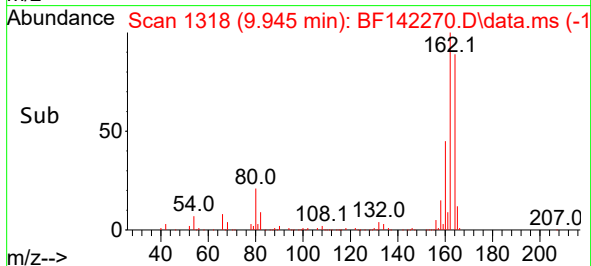
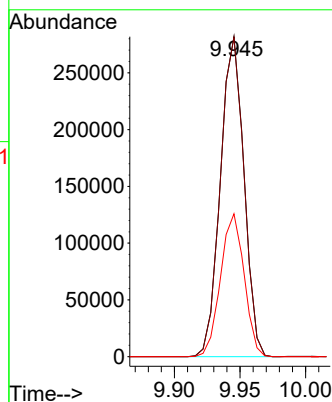
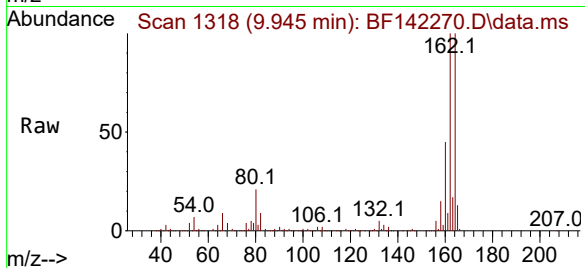
Tgt Ion:164 Resp: 351872

Ion Ratio Lower Upper

164 100

162 99.8 78.6 117.8

160 44.6 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.654 ng

RT: 9.069 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Tgt Ion:216 Resp: 471907

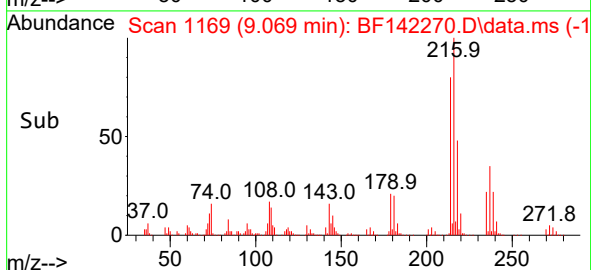
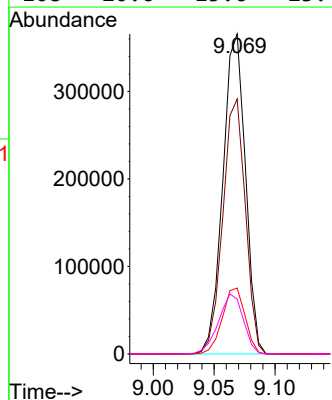
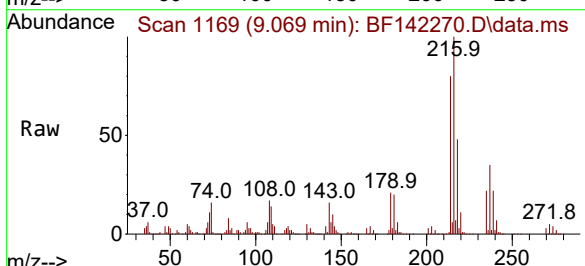
Ion Ratio Lower Upper

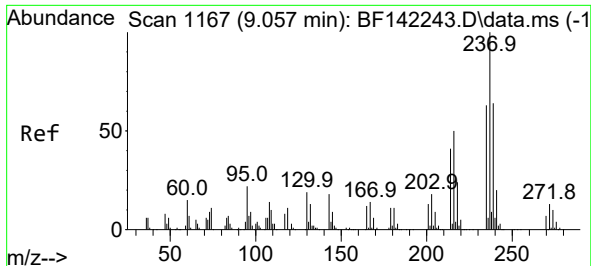
216 100

214 79.4 63.8 95.6

179 20.9 16.7 25.1

108 20.6 15.6 23.4

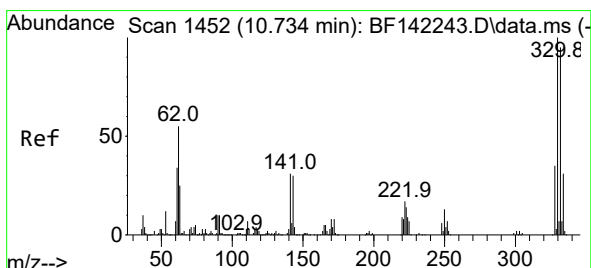
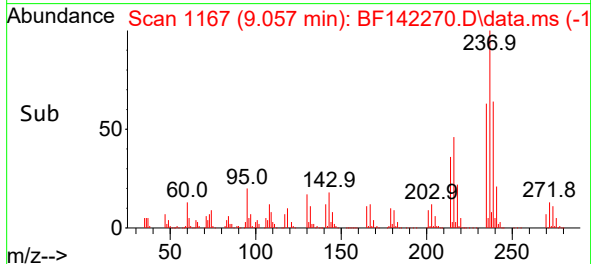
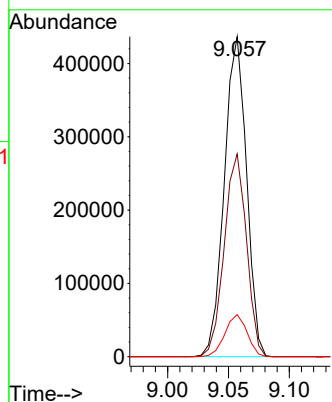
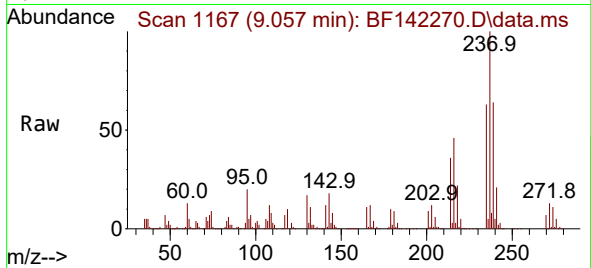




#41
Hexachlorocyclopentadiene
Concen: 98.586 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

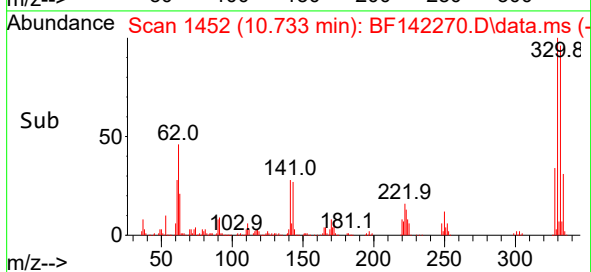
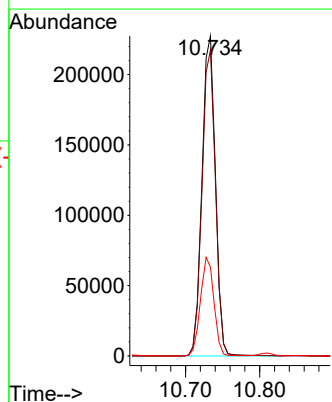
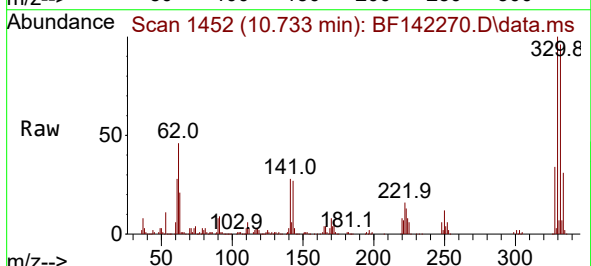
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

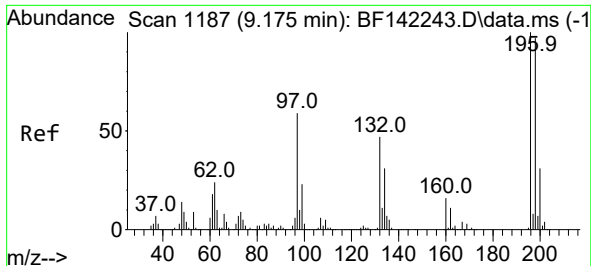
Tgt Ion:237 Resp: 554087
Ion Ratio Lower Upper
237 100
235 63.3 43.5 83.5
272 13.2 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 89.247 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:330 Resp: 286287
Ion Ratio Lower Upper
330 100
332 95.6 76.5 114.7
141 30.9 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 49.853 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

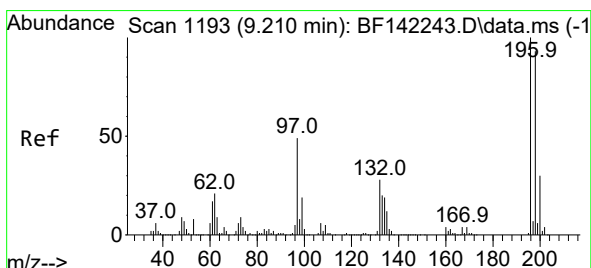
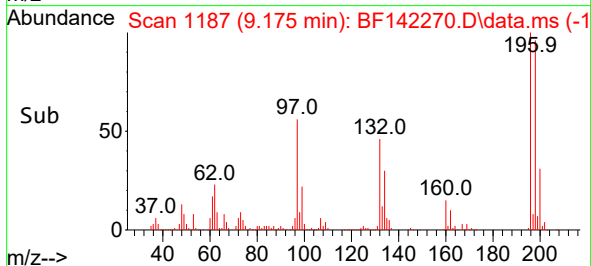
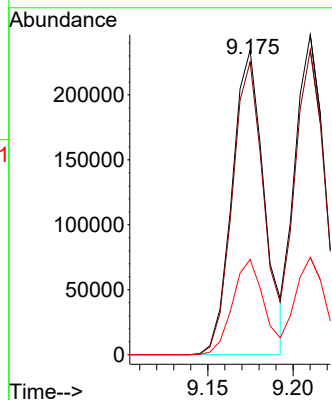
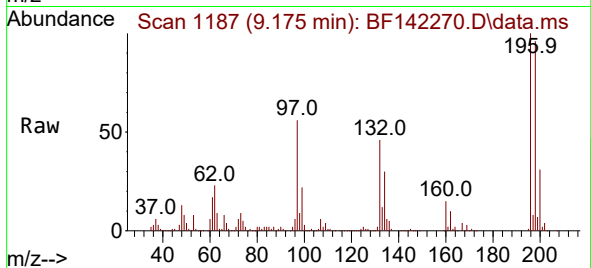
Tgt Ion:196 Resp: 305921

Ion Ratio Lower Upper

196 100

198 96.2 77.4 116.2

200 31.3 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 46.102 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Tgt Ion:196 Resp: 297440

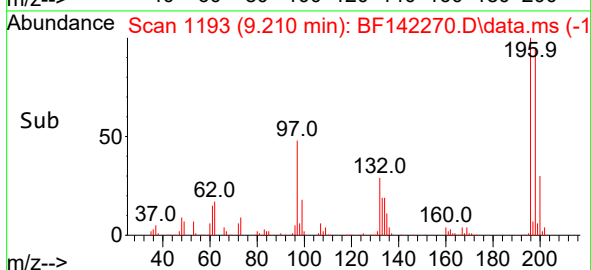
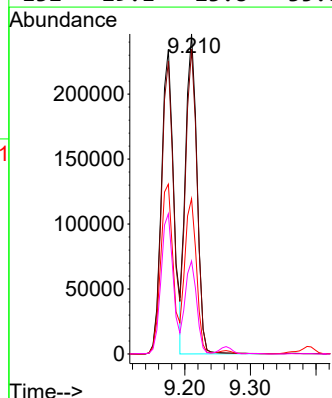
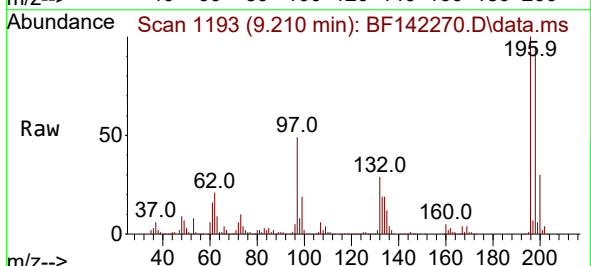
Ion Ratio Lower Upper

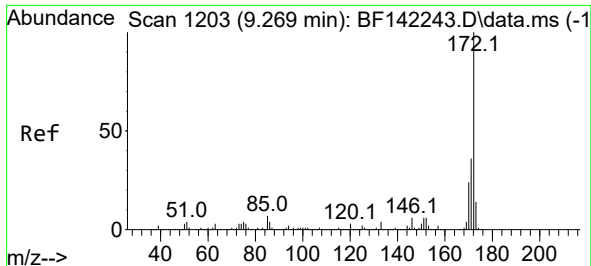
196 100

198 95.2 75.2 112.8

97 48.5 39.8 59.8

132 29.1 23.8 35.8

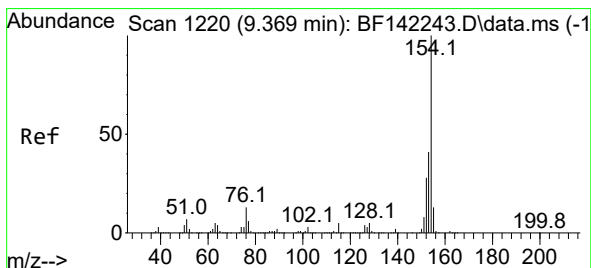
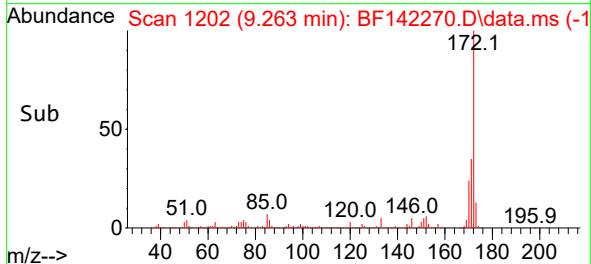
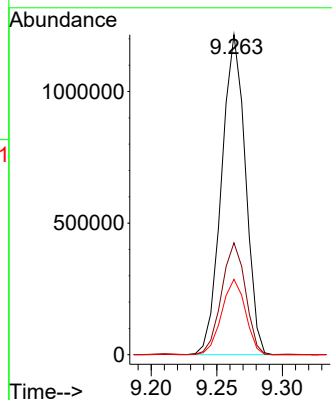
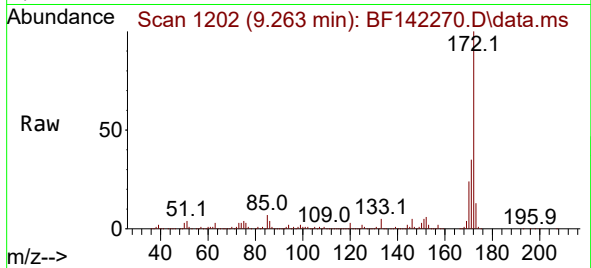




#45
2-Fluorobiphenyl
Concen: 61.773 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

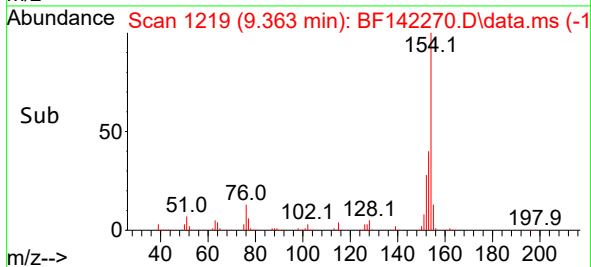
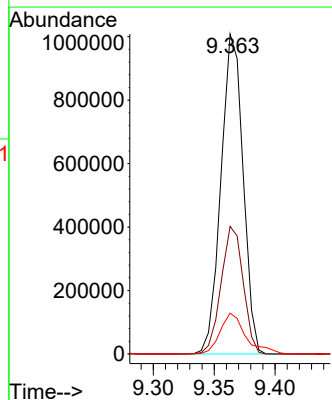
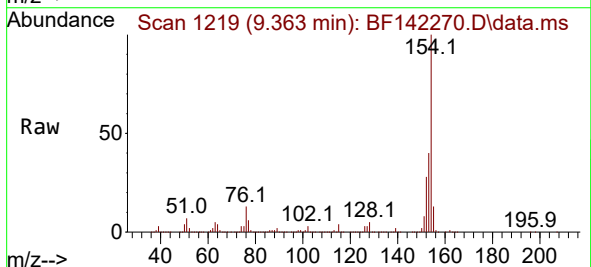
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

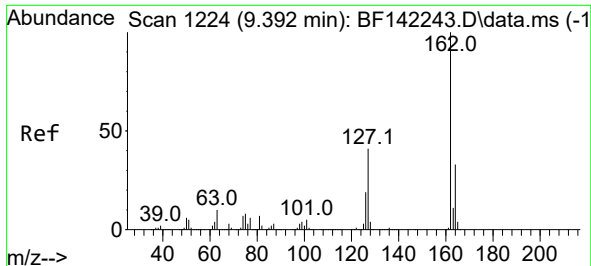
Tgt Ion:172 Resp: 1541618
Ion Ratio Lower Upper
172 100
171 35.0 29.0 43.4
170 23.5 19.4 29.0



#46
1,1'-Biphenyl
Concen: 46.529 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:154 Resp: 1272788
Ion Ratio Lower Upper
154 100
153 39.9 20.5 60.5
76 12.8 0.0 32.8

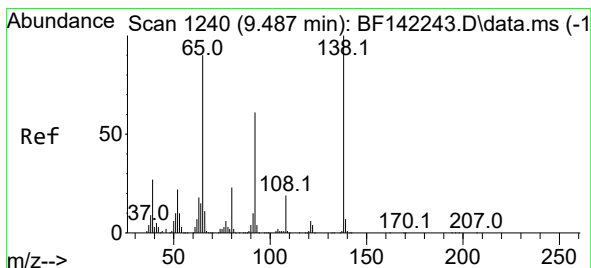
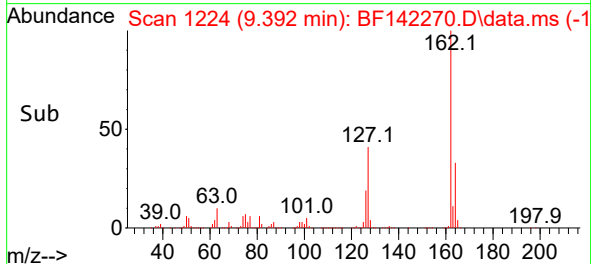
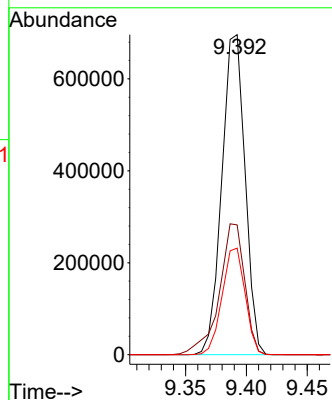
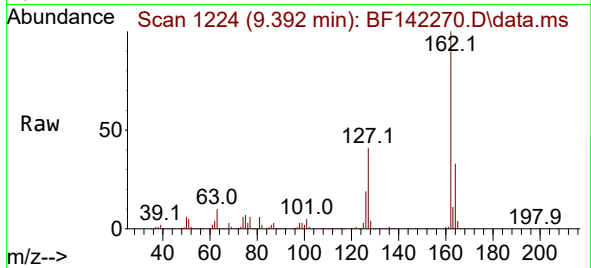




#47
2-Chloronaphthalene
Concen: 45.486 ng
RT: 9.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

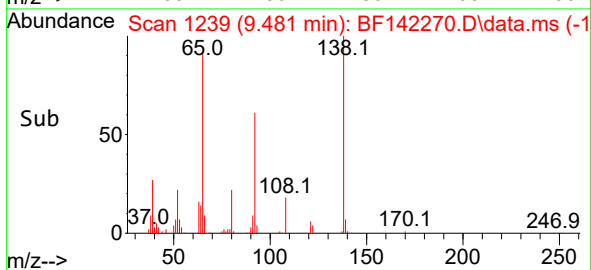
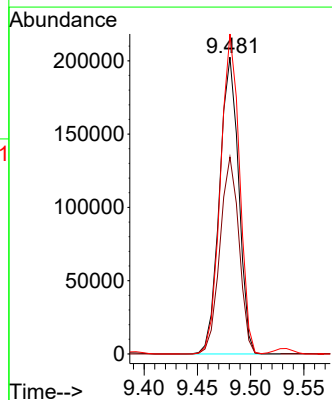
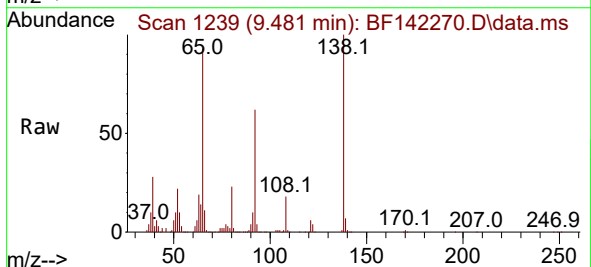
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

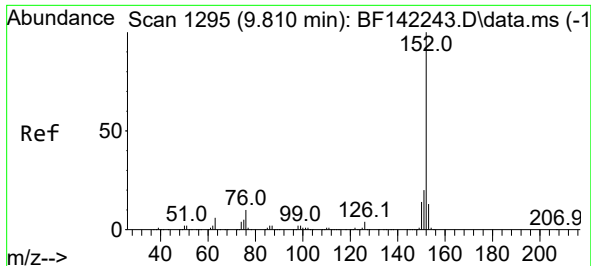
Tgt Ion:162 Resp: 925740
Ion Ratio Lower Upper
162 100
127 40.6 32.6 49.0
164 33.3 26.1 39.1



#48
2-Nitroaniline
Concen: 47.110 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion: 65 Resp: 252309
Ion Ratio Lower Upper
65 100
92 66.3 54.3 81.5
138 107.8 88.6 133.0

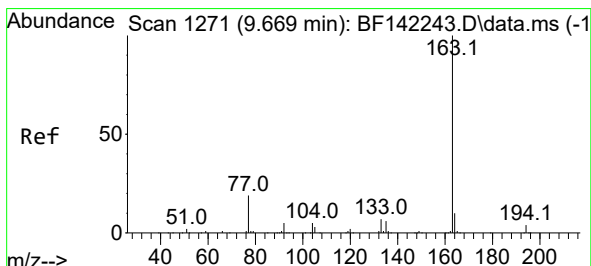
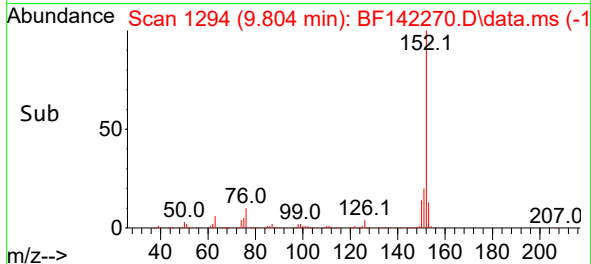
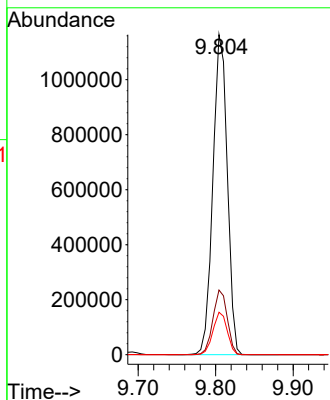
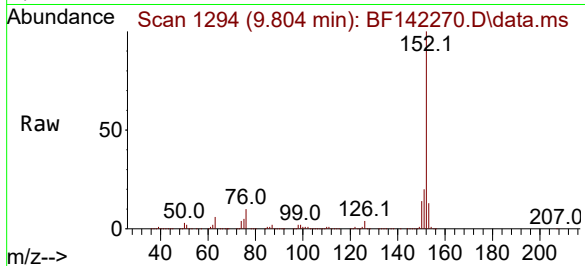




#49
Acenaphthylene
Concen: 43.790 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

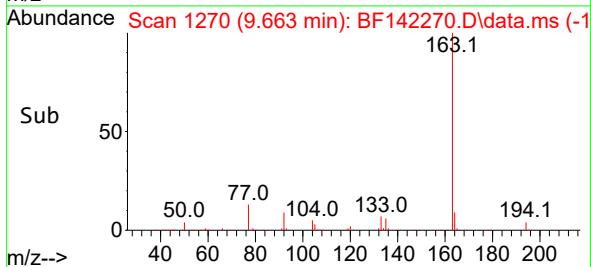
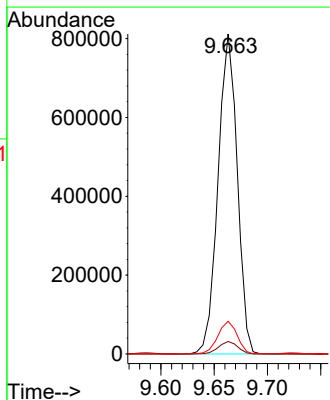
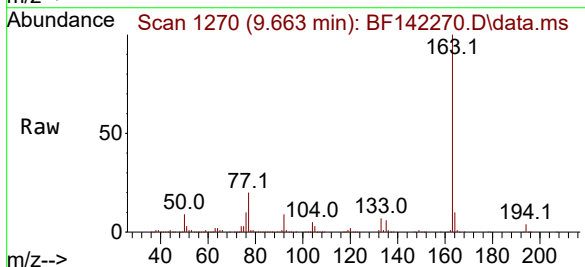
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

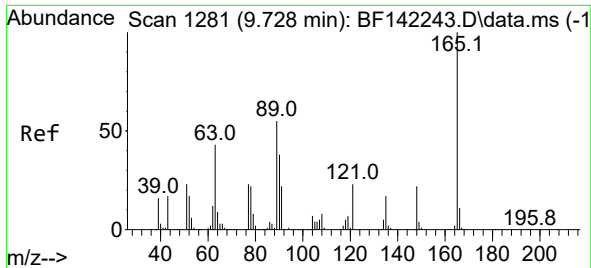
Tgt Ion:152 Resp: 1503902
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.3 10.7 16.1



#50
Dimethylphthalate
Concen: 45.099 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:163 Resp: 1015217
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.2 8.2 12.2

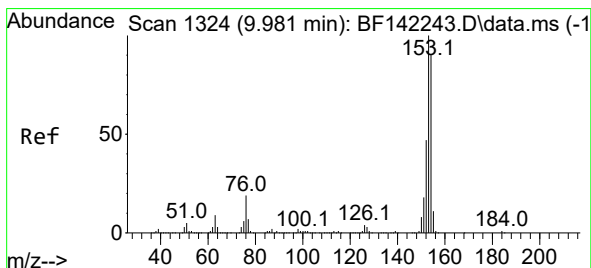
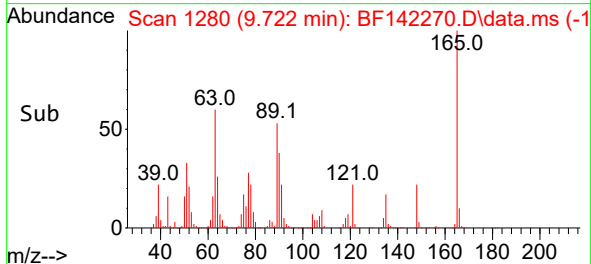
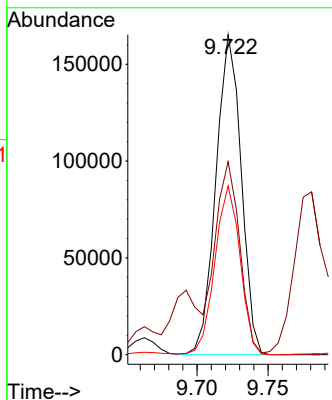
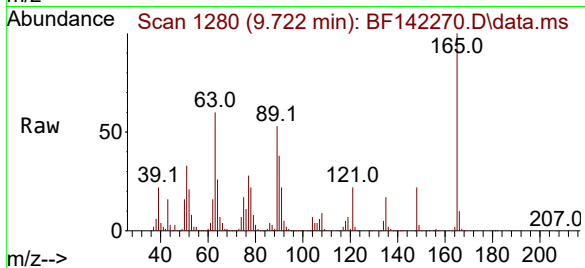




#51
2,6-Dinitrotoluene
Concen: 47.378 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

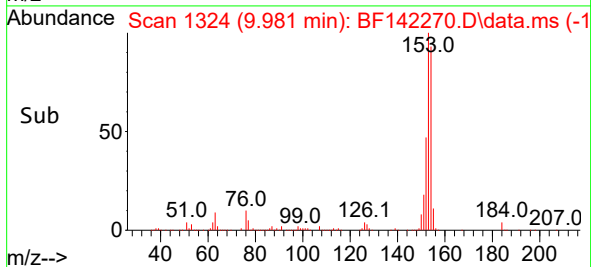
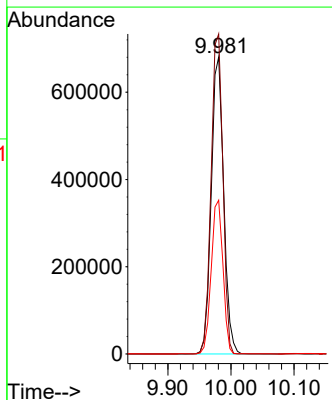
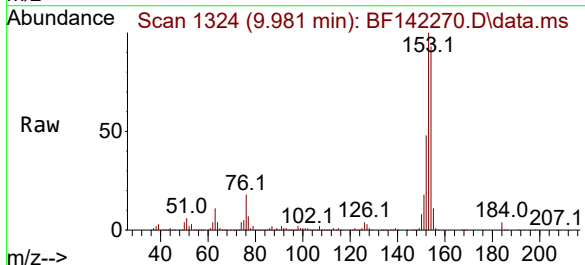
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

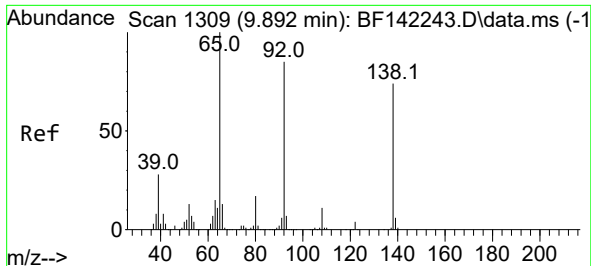
Tgt Ion:165 Resp: 204319
Ion Ratio Lower Upper
165 100
63 60.3 48.5 72.7
89 52.8 43.9 65.9



#52
Acenaphthene
Concen: 46.429 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:154 Resp: 931022
Ion Ratio Lower Upper
154 100
153 107.7 88.6 133.0
152 51.8 42.1 63.1

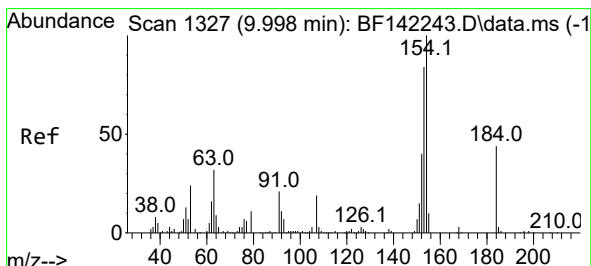
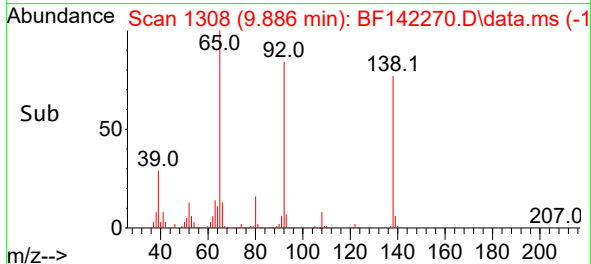
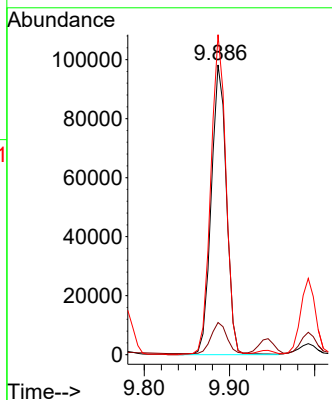
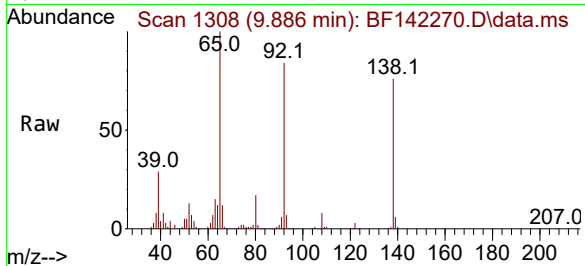




#53
3-Nitroaniline
Concen: 24.861 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

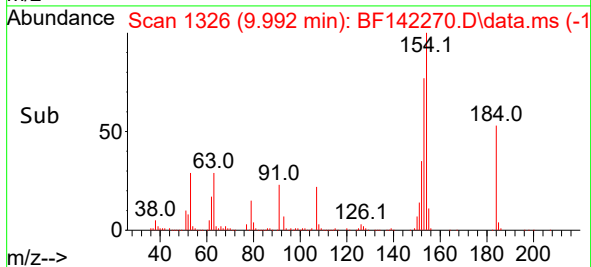
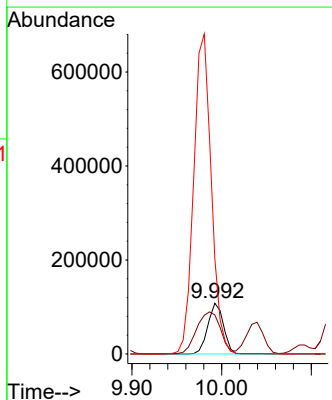
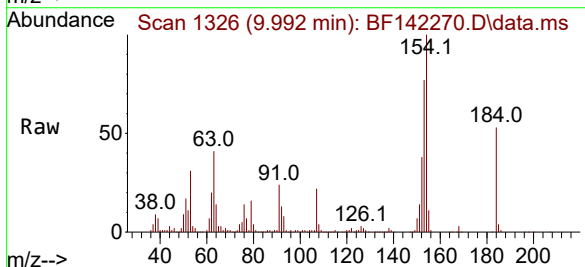
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

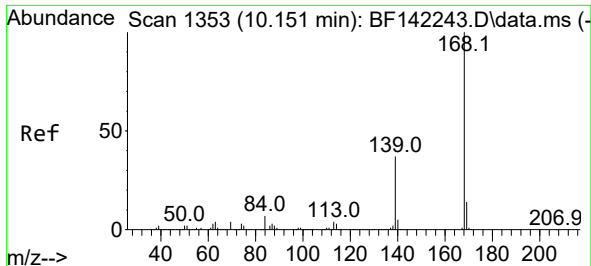
Tgt Ion:138 Resp: 121932
Ion Ratio Lower Upper
138 100
108 11.1 11.7 17.5#
92 110.5 91.2 136.8



#54
2,4-Dinitrophenol
Concen: 84.371 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:184 Resp: 131189
Ion Ratio Lower Upper
184 100
63 77.1 69.2 103.8
154 187.8 271.4 407.2#

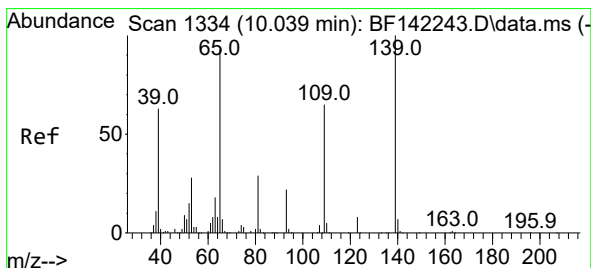
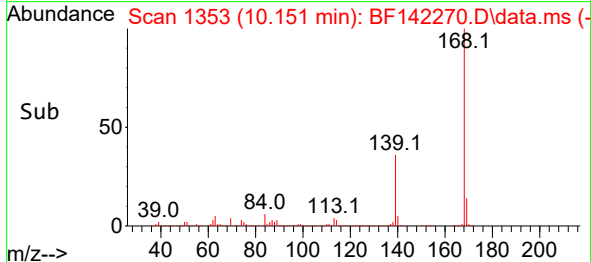
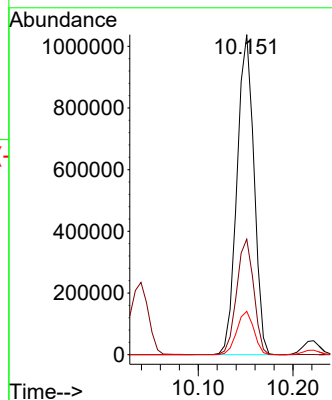
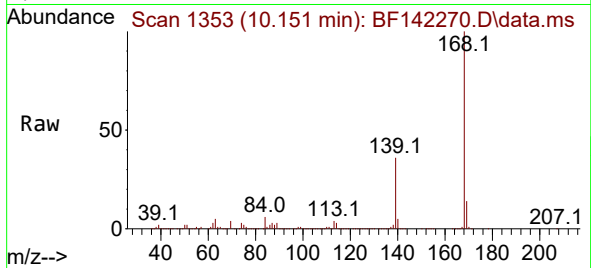




#55
Dibenzofuran
Concen: 42.922 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

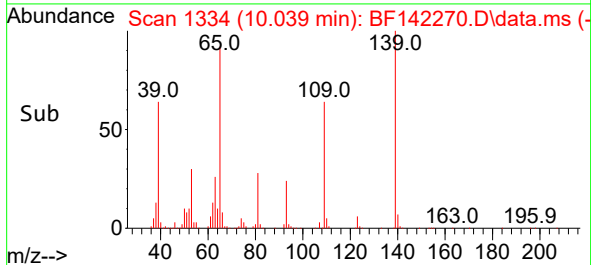
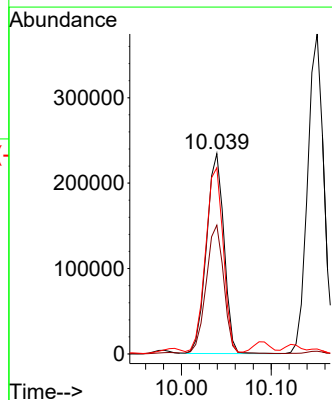
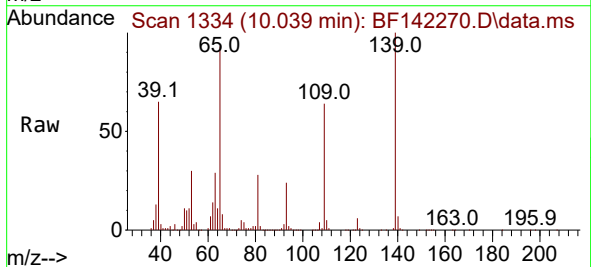
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

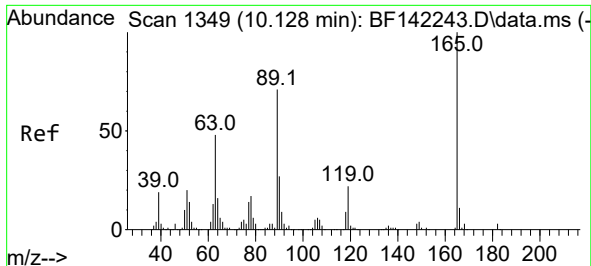
Tgt Ion:168 Resp: 1290218
Ion Ratio Lower Upper
168 100
139 36.1 29.4 44.0
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 89.575 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:139 Resp: 316946
Ion Ratio Lower Upper
139 100
109 64.3 44.9 84.9
65 93.0 74.7 114.7

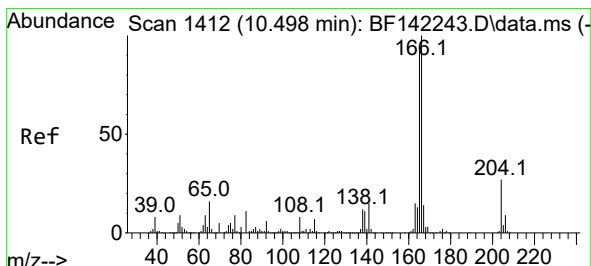
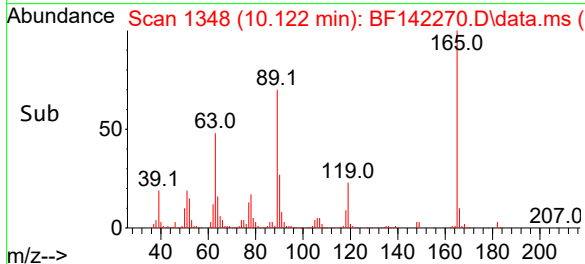
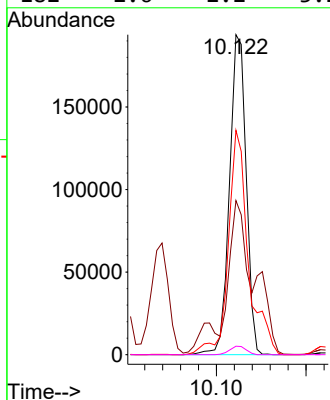
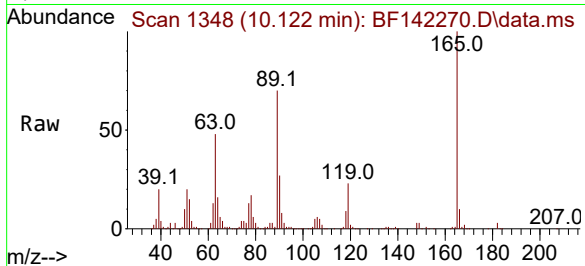




#57
2,4-Dinitrotoluene
Concen: 47.801 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

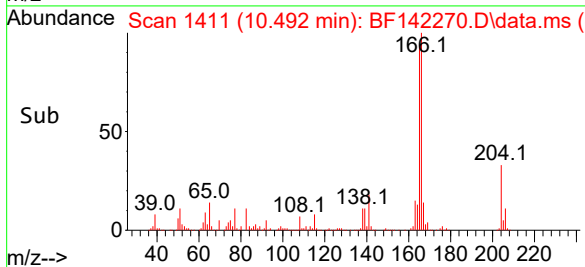
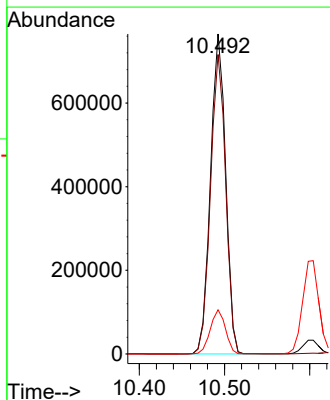
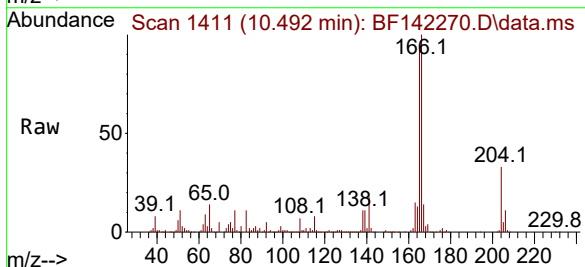
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

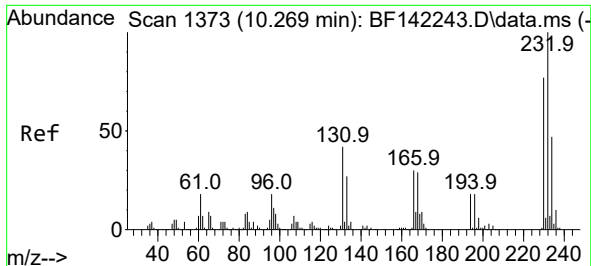
Tgt Ion:165 Resp: 249724
Ion Ratio Lower Upper
165 100
63 48.2 38.8 58.2
89 70.1 57.1 85.7
182 2.6 2.2 3.2



#58
Fluorene
Concen: 41.360 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:166 Resp: 945333
Ion Ratio Lower Upper
166 100
165 93.6 73.9 110.9
167 13.8 10.8 16.2

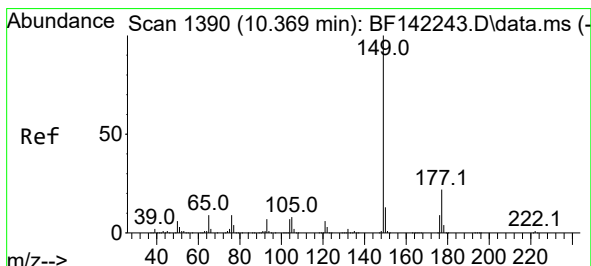
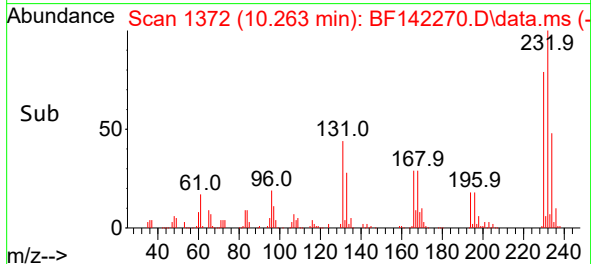
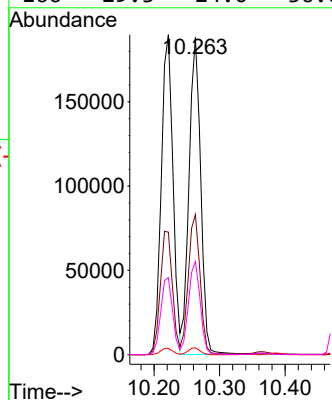
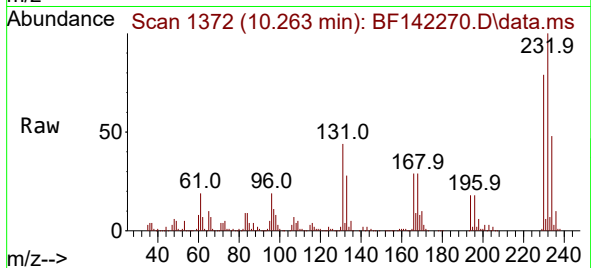




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.531 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

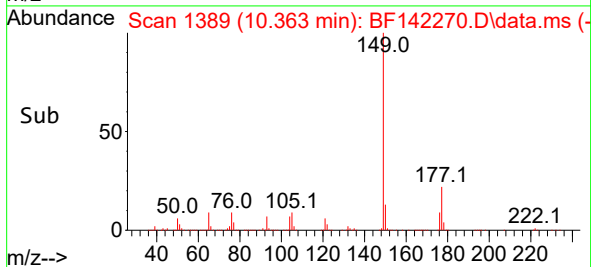
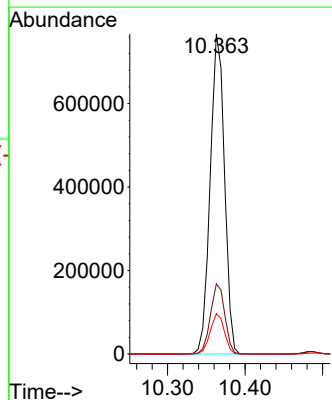
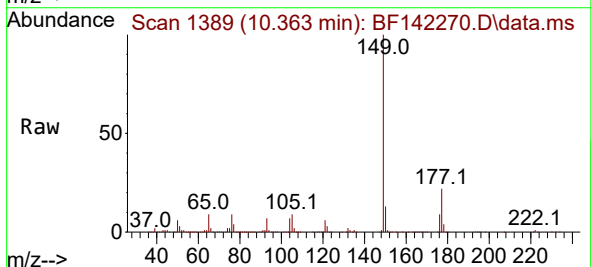
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

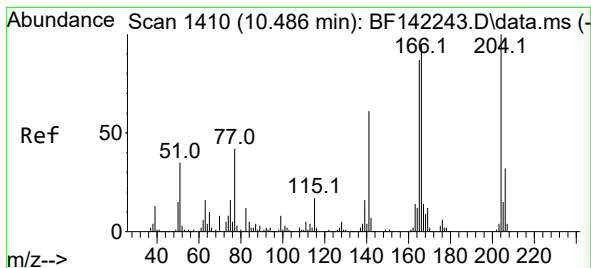
Tgt Ion:232 Resp: 232642
Ion Ratio Lower Upper
232 100
131 44.7 35.9 53.9
130 2.2 1.8 2.6
166 29.3 24.0 36.0



#60
Diethylphthalate
Concen: 44.125 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:149 Resp: 980867
Ion Ratio Lower Upper
149 100
177 21.9 17.6 26.4
150 12.6 10.2 15.2

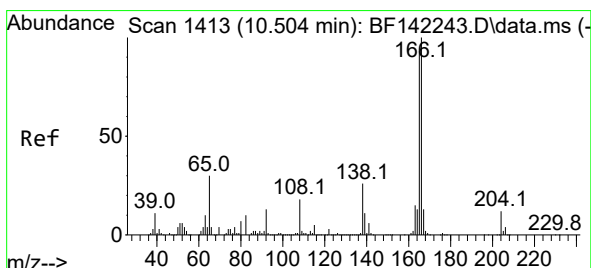
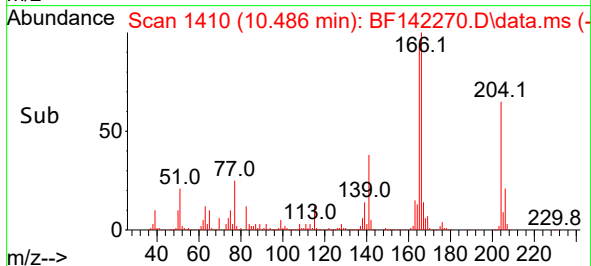
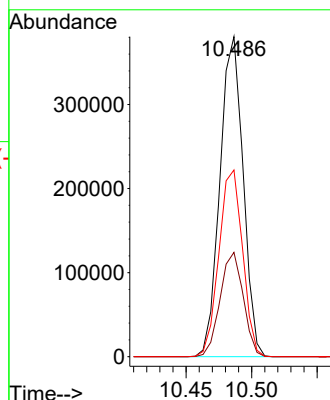
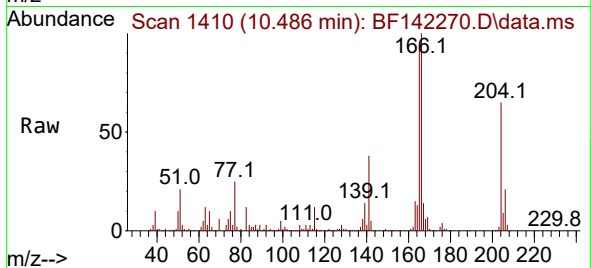




#61
4-Chlorophenyl-phenylether
Concen: 43.054 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

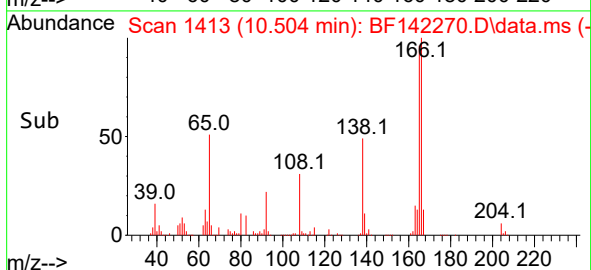
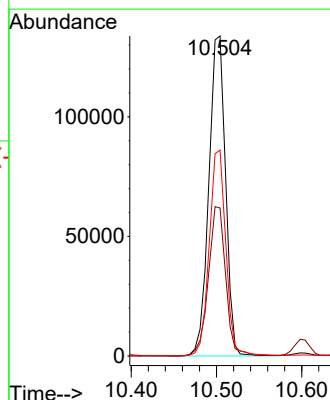
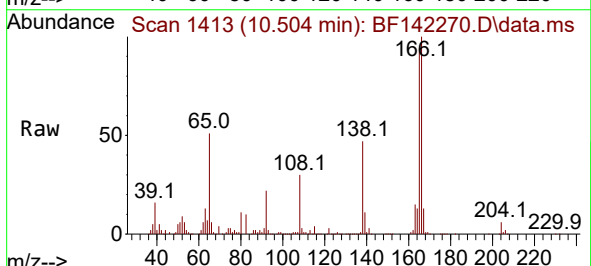
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

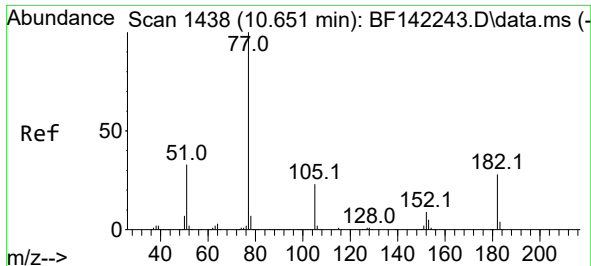
Tgt Ion:204 Resp: 467320
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 58.4 48.9 73.3



#62
4-Nitroaniline
Concen: 38.819 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:138 Resp: 182663
Ion Ratio Lower Upper
138 100
92 46.3 29.2 69.2
108 64.3 49.1 89.1



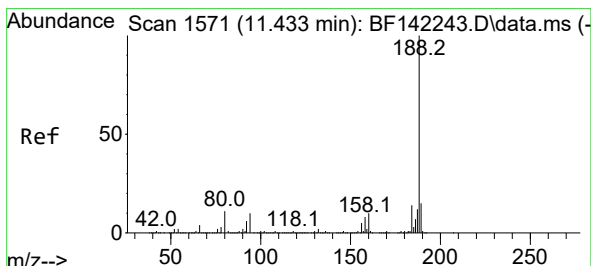
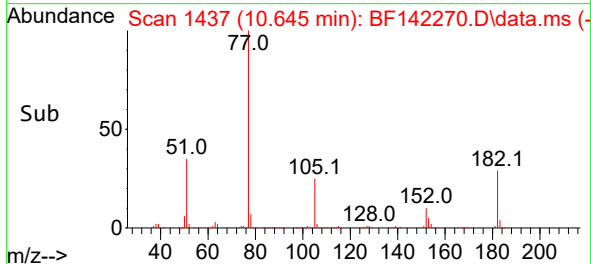
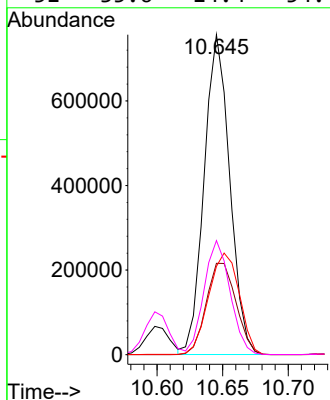
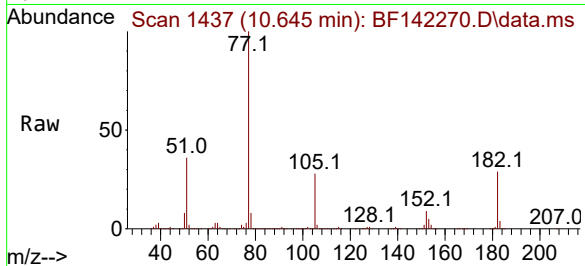


#63
Azobenzene
Concen: 46.824 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

Tgt Ion: 77 Resp: 1027831

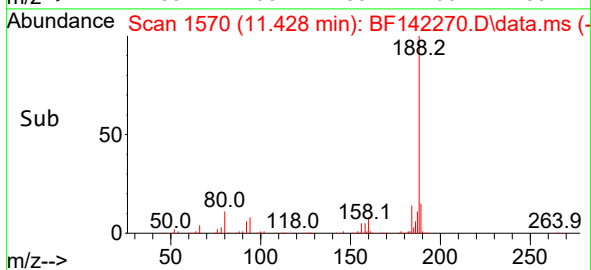
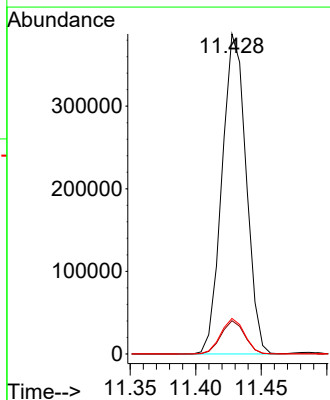
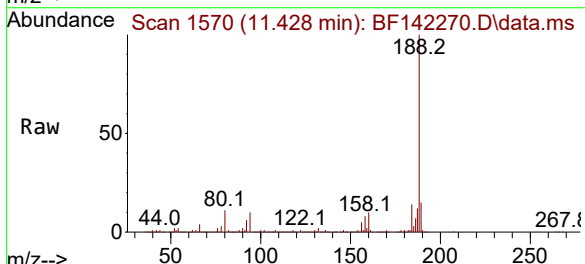
Ion	Ratio	Lower	Upper
77	100		
182	28.6	7.3	47.3
105	27.6	2.5	42.5
51	35.6	14.4	54.4

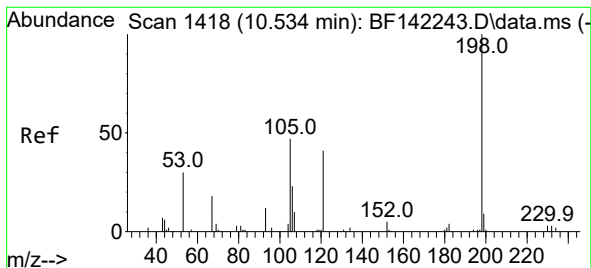


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion: 188 Resp: 496148

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.2
80	11.1	8.6	12.8

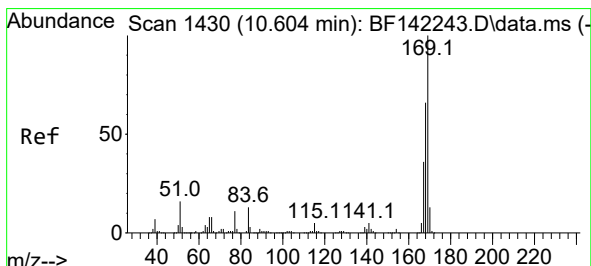
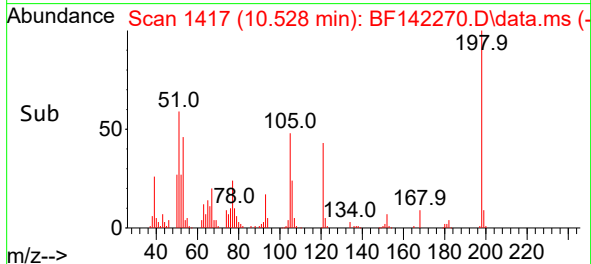
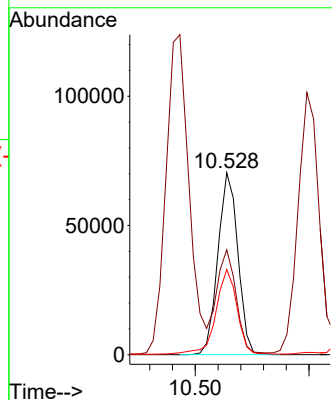
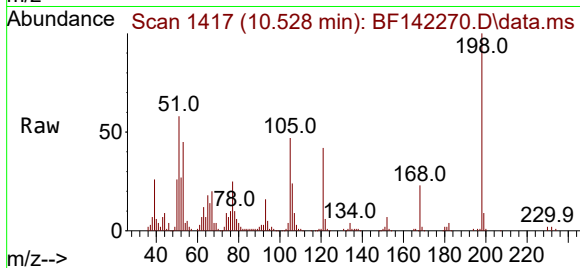




#65
4,6-Dinitro-2-methylphenol
Concen: 51.580 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

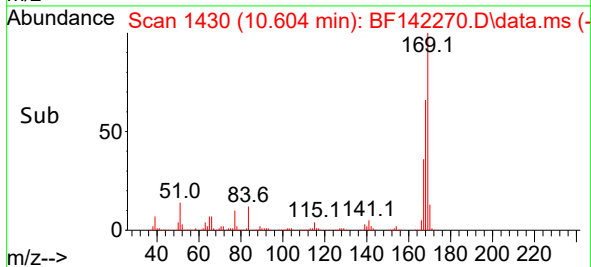
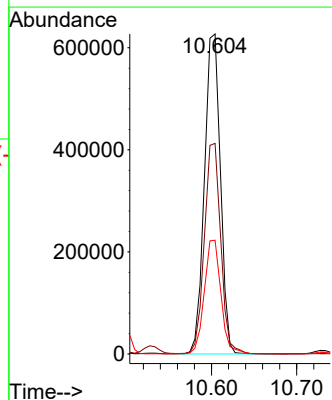
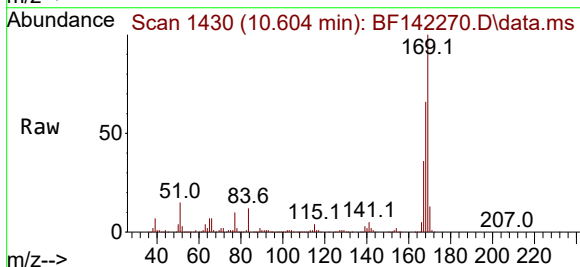
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

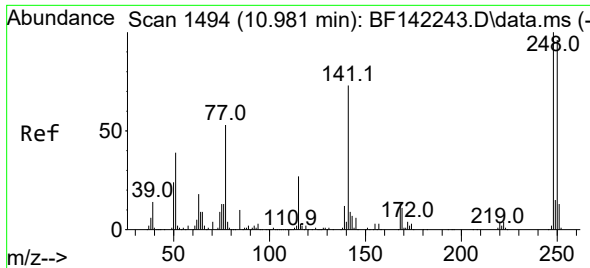
Tgt Ion:198 Resp: 85960
Ion Ratio Lower Upper
198 100
51 57.7 40.6 80.6
105 46.8 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 48.191 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:169 Resp: 816949
Ion Ratio Lower Upper
169 100
168 65.8 53.0 79.6
167 35.6 28.8 43.2

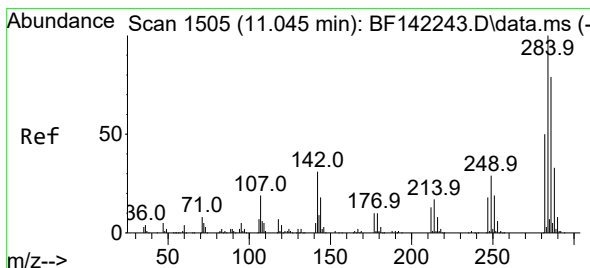
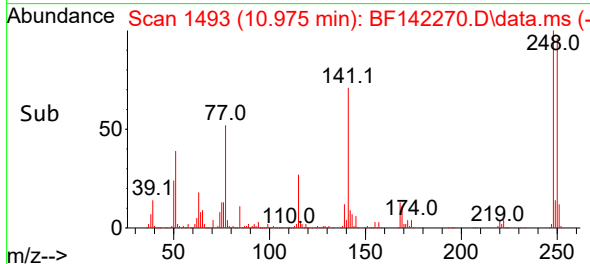
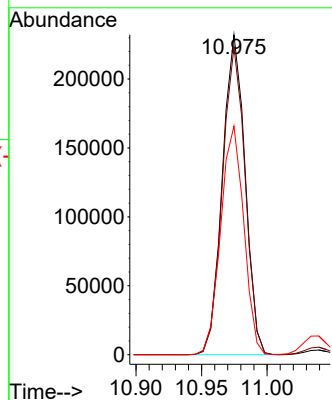
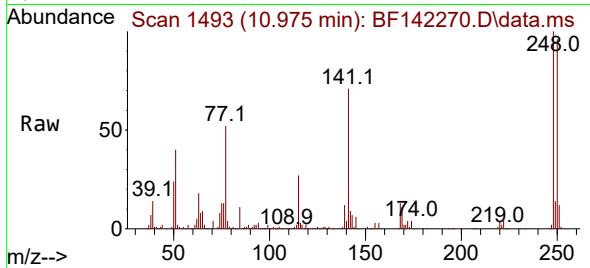




#67
4-Bromophenyl-phenylether
Concen: 50.462 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

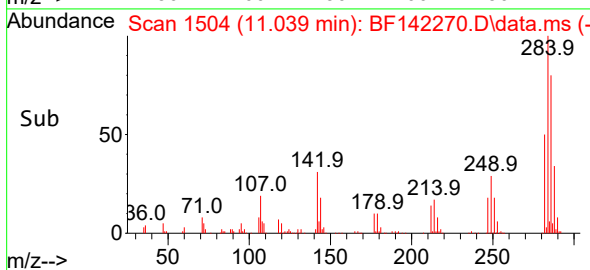
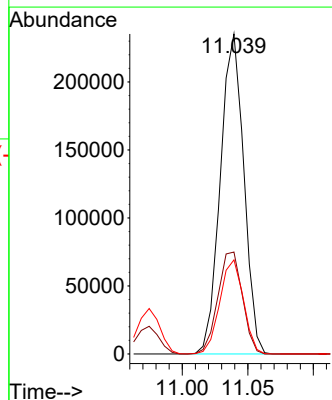
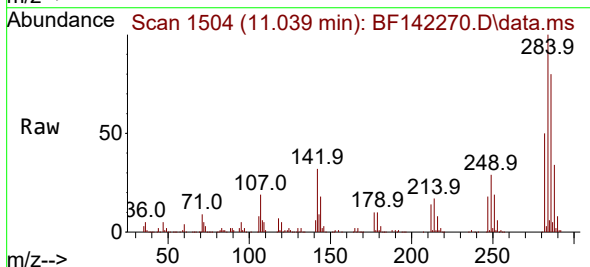
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

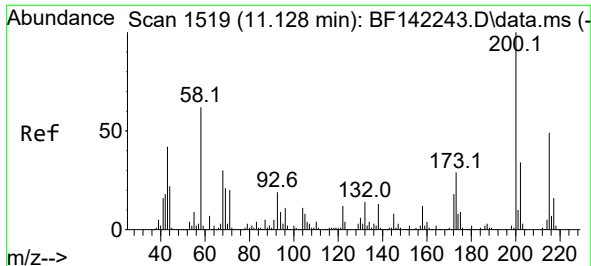
Tgt Ion:248 Resp: 278827
Ion Ratio Lower Upper
248 100
250 96.2 77.2 115.8
141 71.4 58.4 87.6



#68
Hexachlorobenzene
Concen: 47.230 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:284 Resp: 292279
Ion Ratio Lower Upper
284 100
142 31.8 24.6 37.0
249 29.4 23.2 34.8

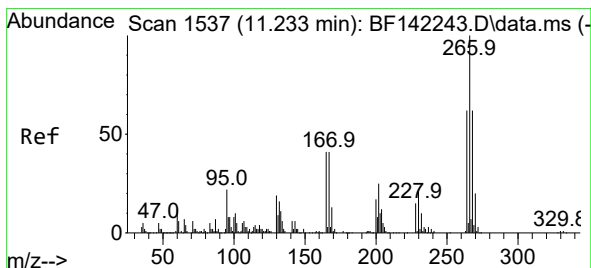
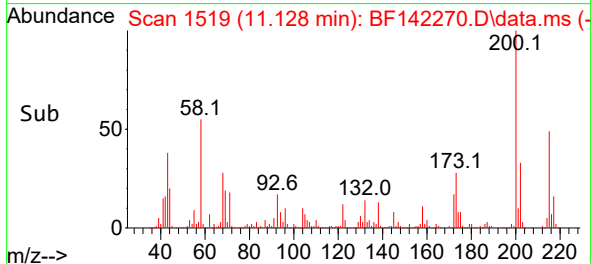
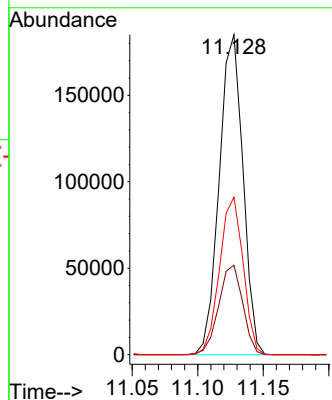
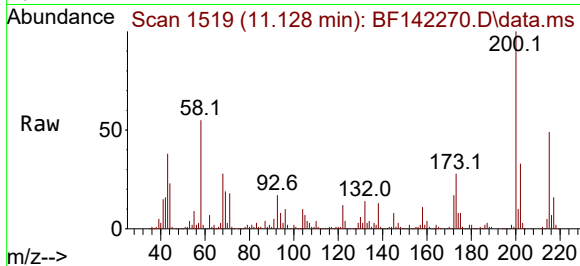




#69
 Atrazine
 Concen: 52.062 ng
 RT: 11.128 min Scan# 1519
 Delta R.T. -0.000 min
 Lab File: BF142270.D
 Acq: 01 May 2025 19:52

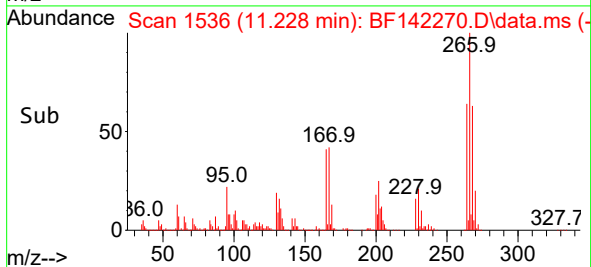
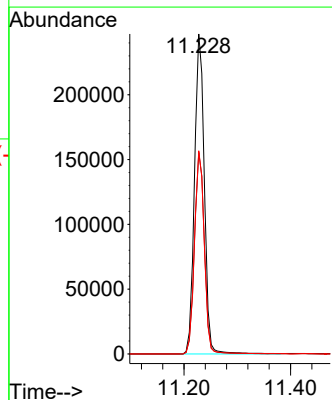
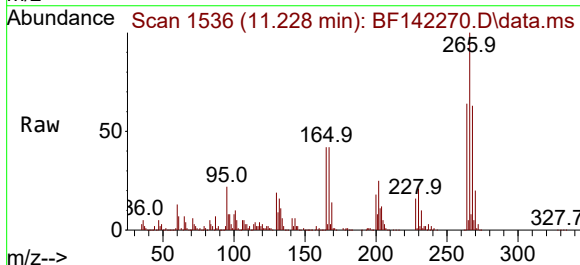
Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MSD

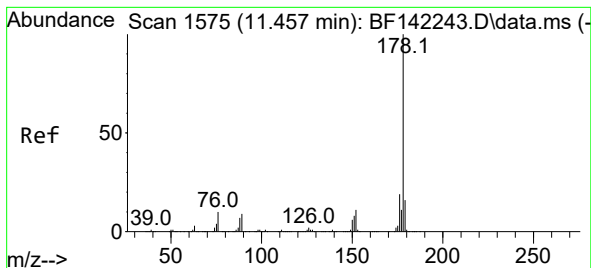
Tgt Ion:200 Resp: 232637
 Ion Ratio Lower Upper
 200 100
 173 28.0 8.6 48.6
 215 49.3 28.5 68.5



#70
 Pentachlorophenol
 Concen: 97.144 ng
 RT: 11.228 min Scan# 1536
 Delta R.T. -0.005 min
 Lab File: BF142270.D
 Acq: 01 May 2025 19:52

Tgt Ion:266 Resp: 317591
 Ion Ratio Lower Upper
 266 100
 268 63.0 50.0 75.0
 264 63.5 49.3 73.9





#71

Phenanthrene

Concen: 46.265 ng

RT: 11.457 min Scan# 1575

Delta R.T. -0.000 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

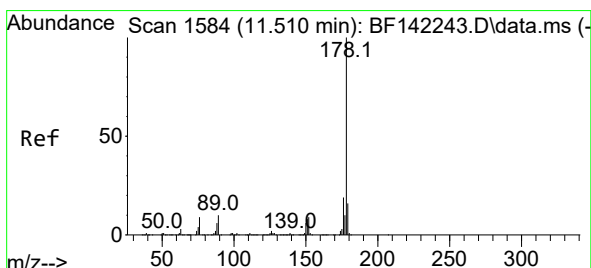
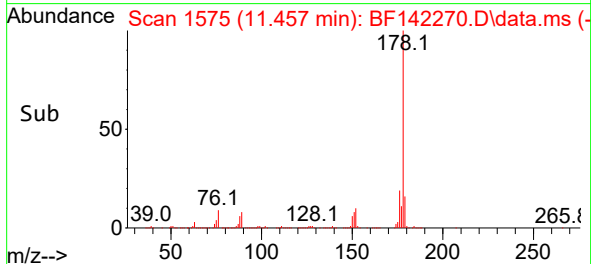
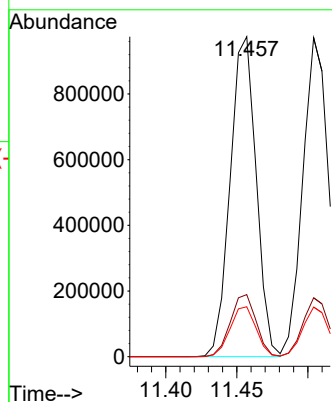
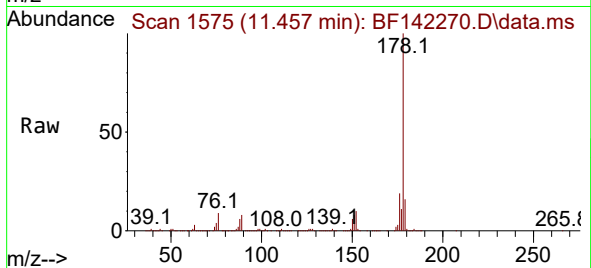
Tgt Ion:178 Resp: 1239899

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.6 12.6 19.0



#72

Anthracene

Concen: 44.230 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

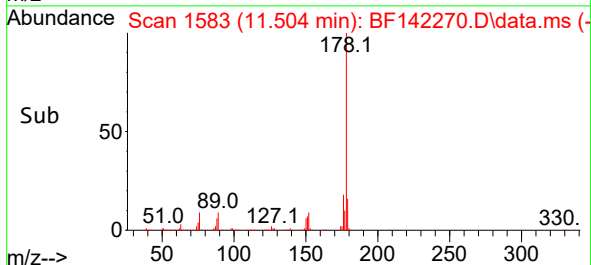
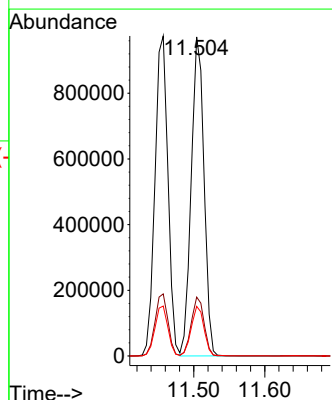
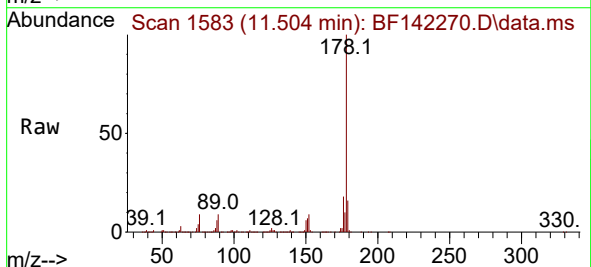
Tgt Ion:178 Resp: 1211937

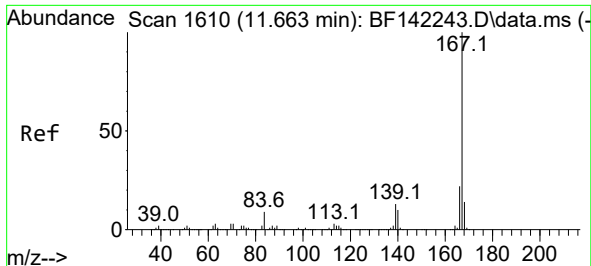
Ion Ratio Lower Upper

178 100

176 18.5 15.3 22.9

179 15.6 12.7 19.1

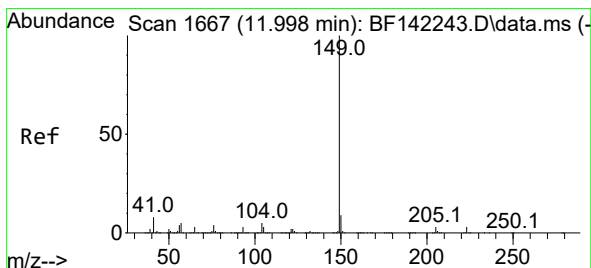
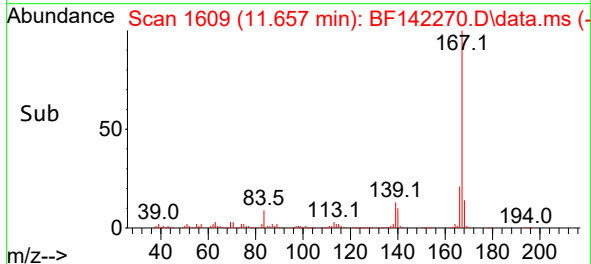
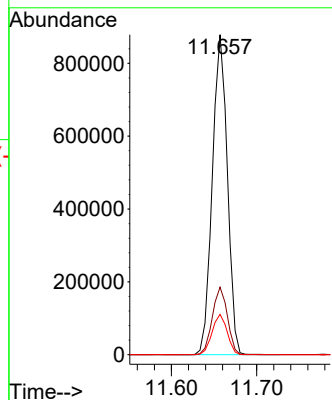
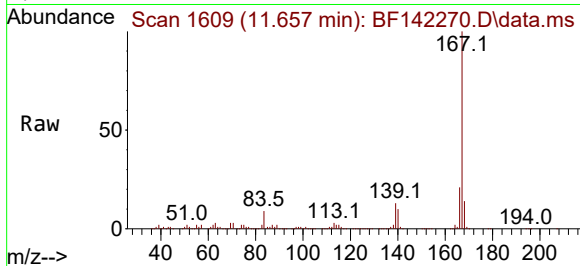




#73
 Carbazole
 Concen: 43.067 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142270.D
 Acq: 01 May 2025 19:52

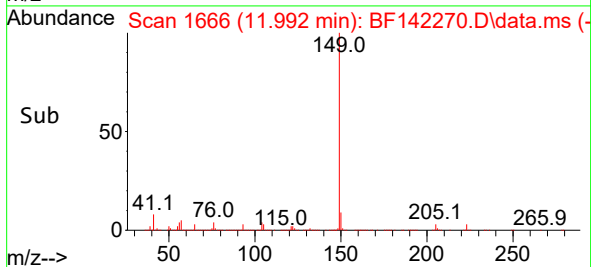
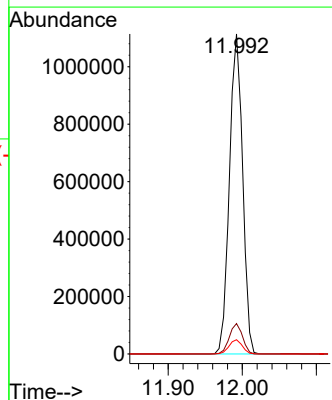
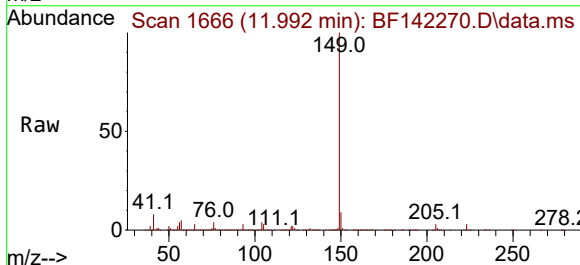
Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MSD

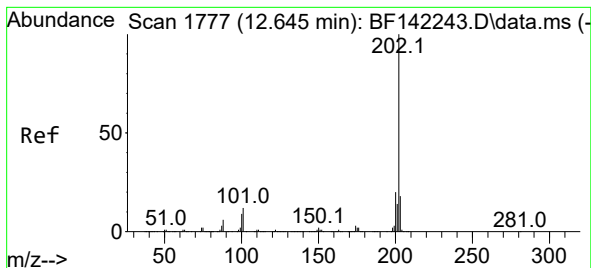
Tgt Ion:167 Resp: 1076493
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.3 25.9
 139 12.6 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 54.629 ng
 RT: 11.992 min Scan# 1666
 Delta R.T. -0.006 min
 Lab File: BF142270.D
 Acq: 01 May 2025 19:52

Tgt Ion:149 Resp: 1373313
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 4.5 3.6 5.4





#75

Fluoranthene

Concen: 48.407 ng

RT: 12.645 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

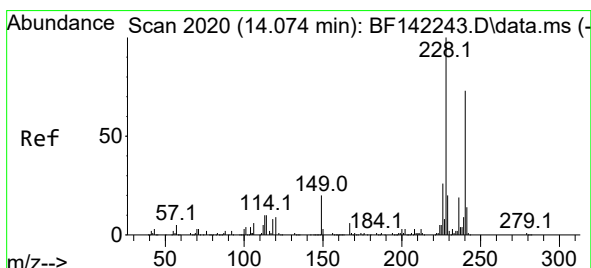
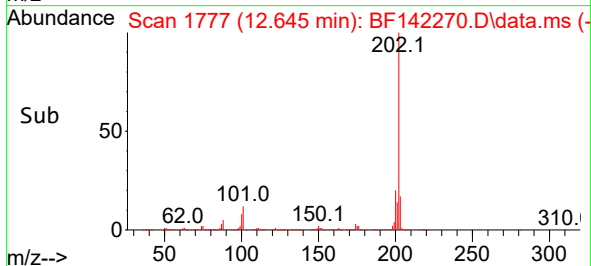
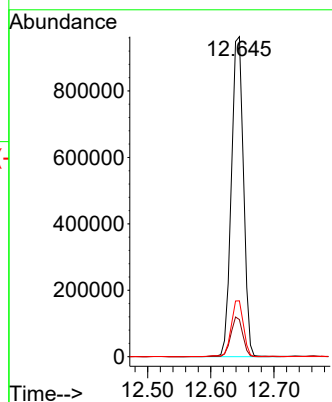
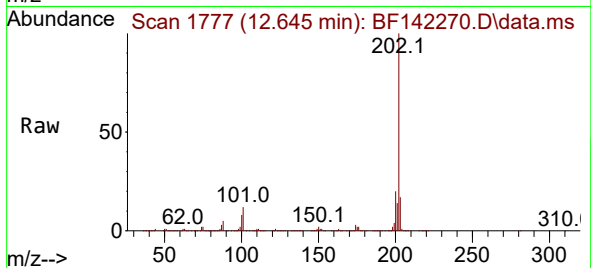
Tgt Ion:202 Resp: 1282408

Ion Ratio Lower Upper

202 100

101 11.6 0.0 32.4

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

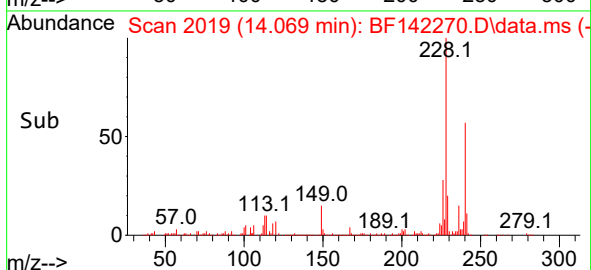
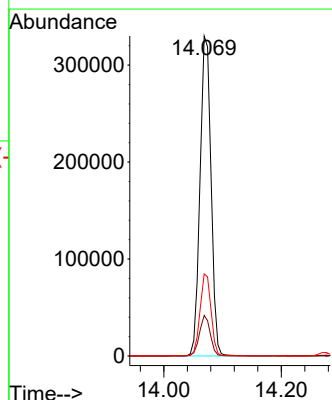
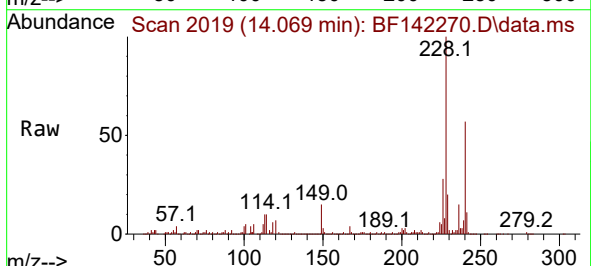
Tgt Ion:240 Resp: 429879

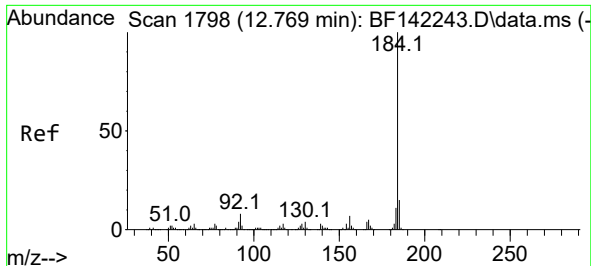
Ion Ratio Lower Upper

240 100

120 12.6 10.1 15.1

236 25.6 20.5 30.7

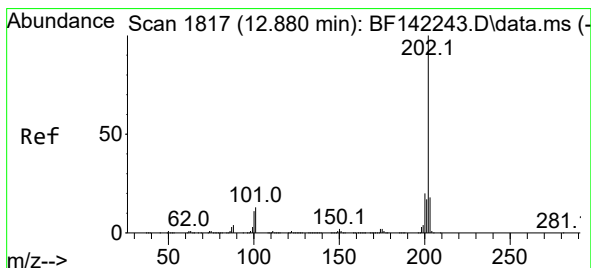
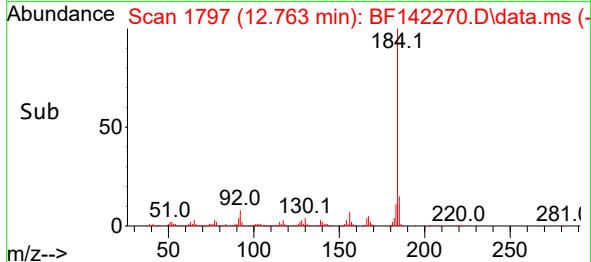
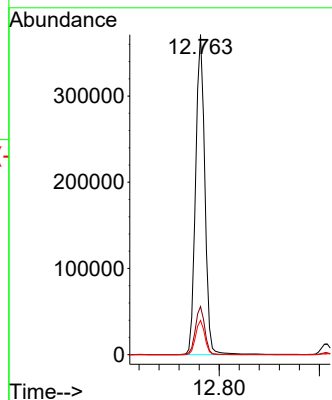
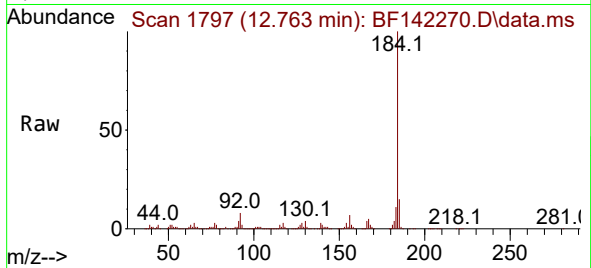




#77
Benzidine
Concen: 25.867 ng
RT: 12.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

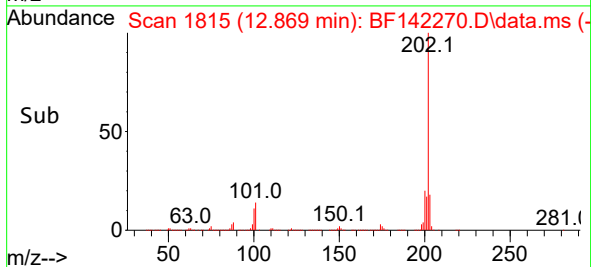
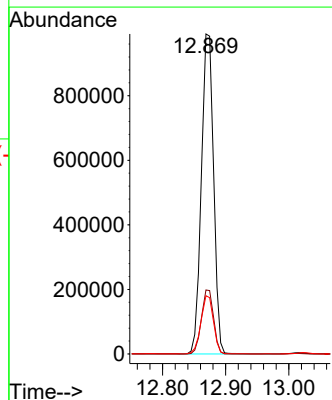
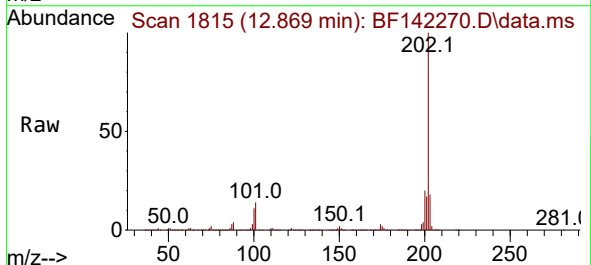
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

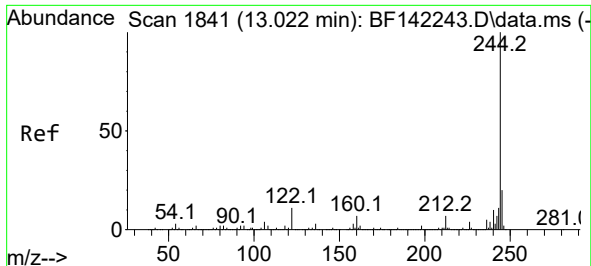
Tgt Ion:184 Resp: 472493
Ion Ratio Lower Upper
184 100
185 15.1 11.8 17.6
183 10.7 8.9 13.3



#78
Pyrene
Concen: 33.599 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:202 Resp: 1332351
Ion Ratio Lower Upper
202 100
200 20.0 16.1 24.1
203 18.2 14.1 21.1

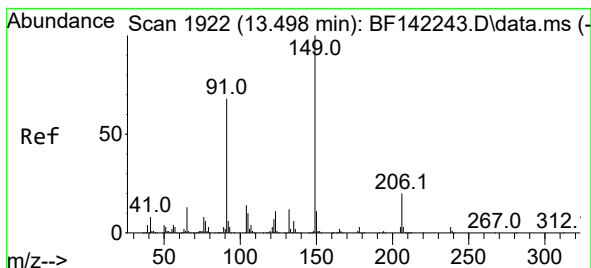
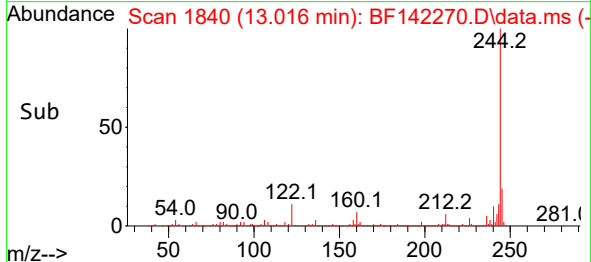
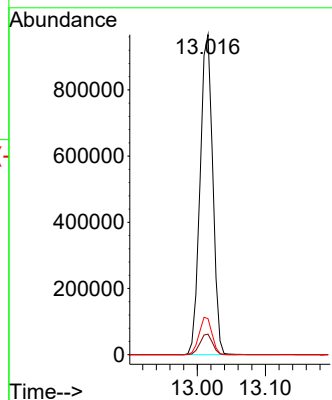
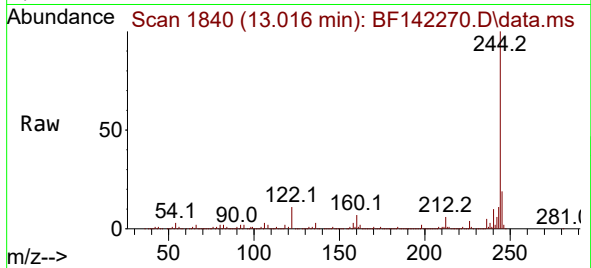




#79
 Terphenyl-d14
 Concen: 42.105 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142270.D
 Acq: 01 May 2025 19:52

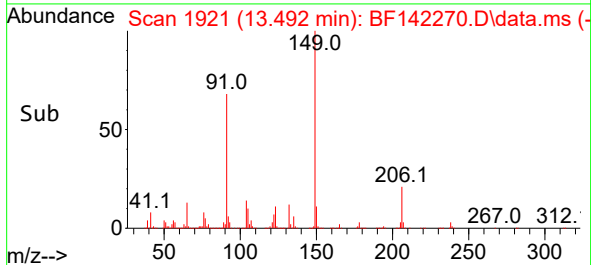
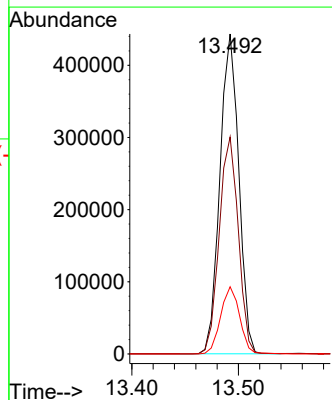
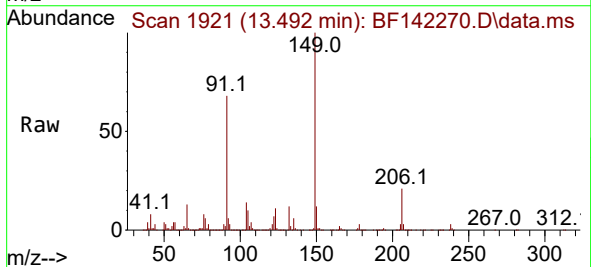
Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MSD

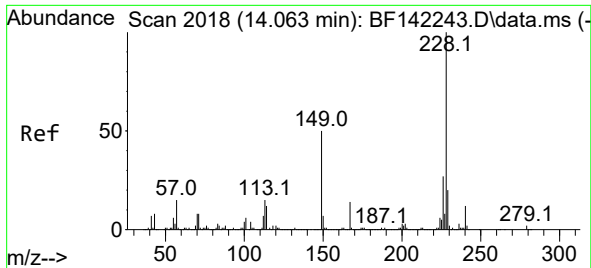
Tgt Ion:244 Resp: 1244500
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 11.3 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 50.031 ng
 RT: 13.492 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF142270.D
 Acq: 01 May 2025 19:52

Tgt Ion:149 Resp: 544307
 Ion Ratio Lower Upper
 149 100
 91 67.8 54.4 81.6
 206 21.0 15.9 23.9

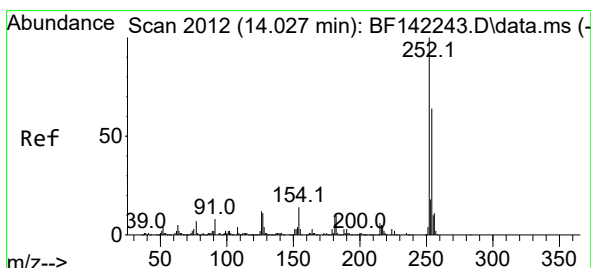
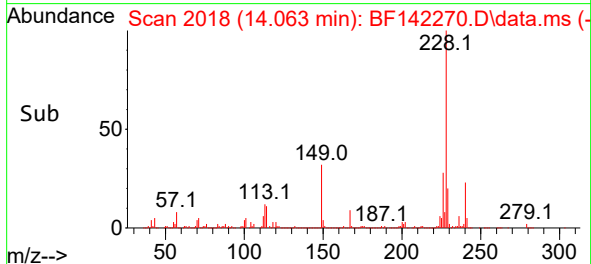
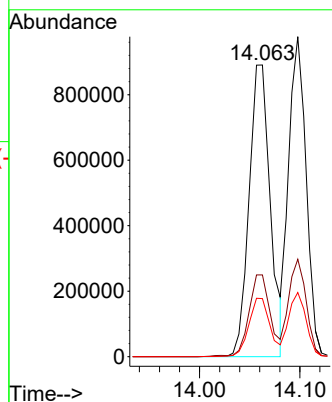
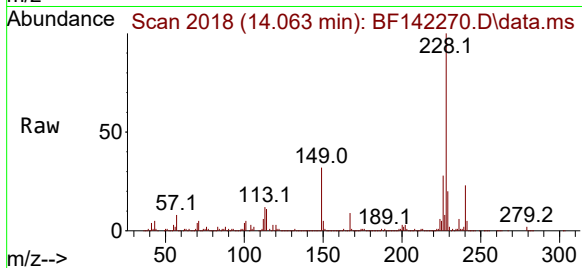




#81
Benzo(a)anthracene
Concen: 45.428 ng
RT: 14.063 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

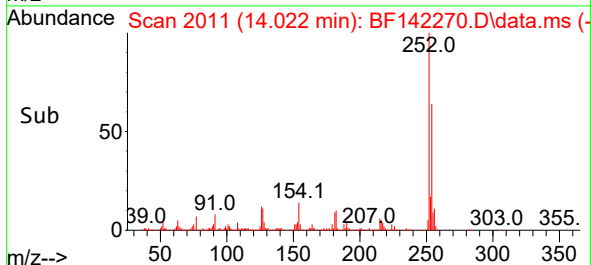
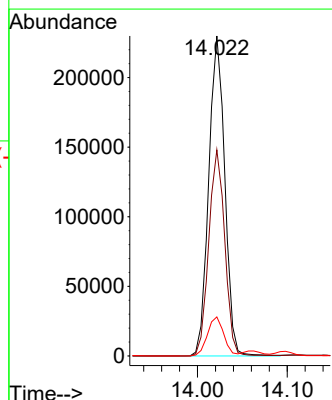
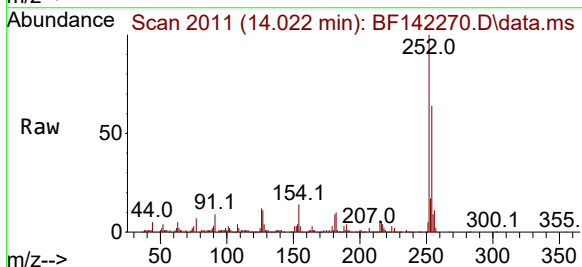
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

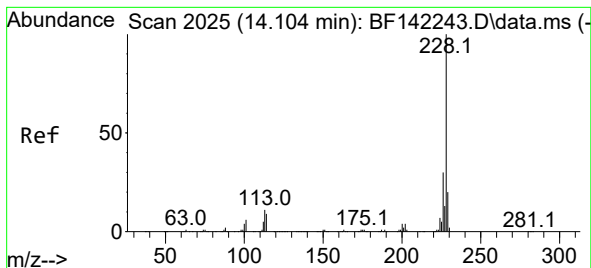
Tgt Ion:228 Resp: 1310994
Ion Ratio Lower Upper
228 100
226 28.0 21.9 32.9
229 19.9 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 33.727 ng
RT: 14.022 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:252 Resp: 285891
Ion Ratio Lower Upper
252 100
254 64.4 51.0 76.6
126 12.2 9.4 14.2





#83

Chrysene

Concen: 45.008 ng

RT: 14.098 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

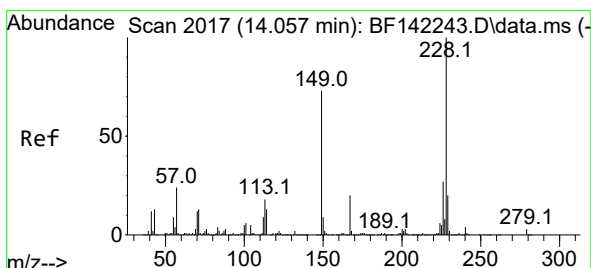
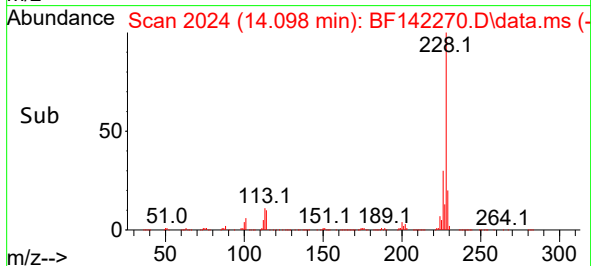
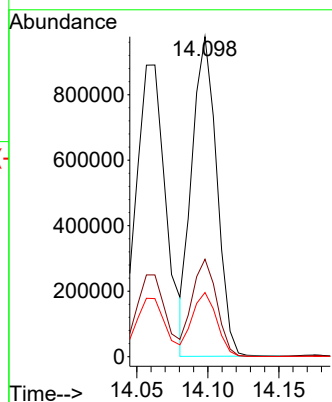
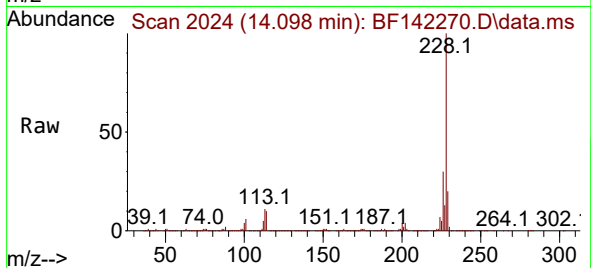
Tgt Ion:228 Resp: 1182323

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

229 20.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.320 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

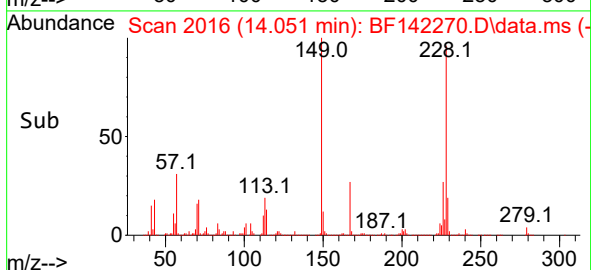
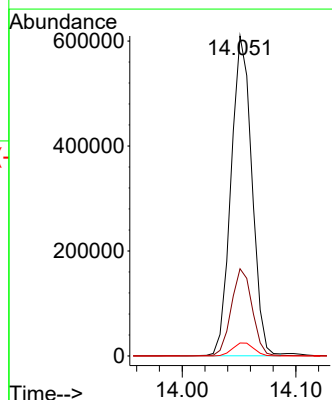
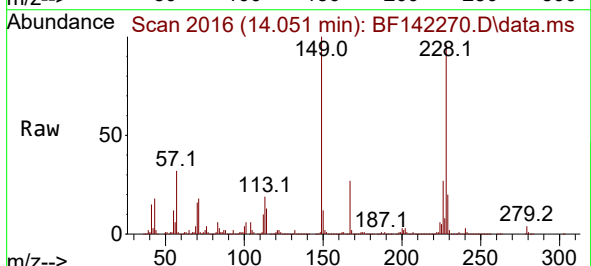
Tgt Ion:149 Resp: 774590

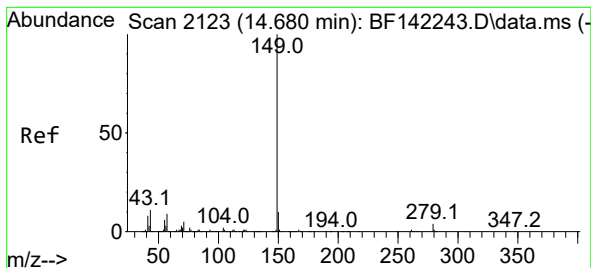
Ion Ratio Lower Upper

149 100

167 27.2 21.7 32.5

279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 52.643 ng

RT: 14.669 min Scan# 2121

Delta R.T. -0.011 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

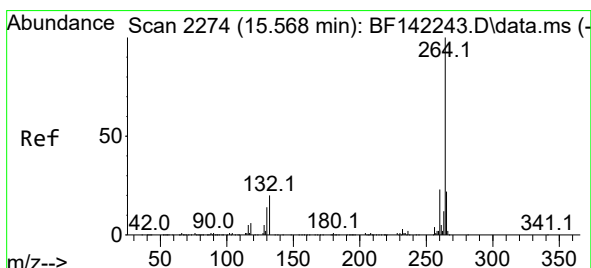
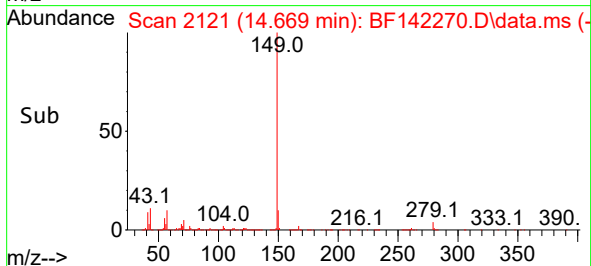
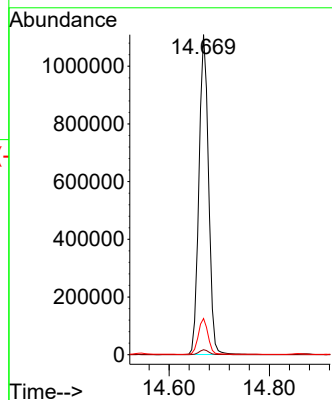
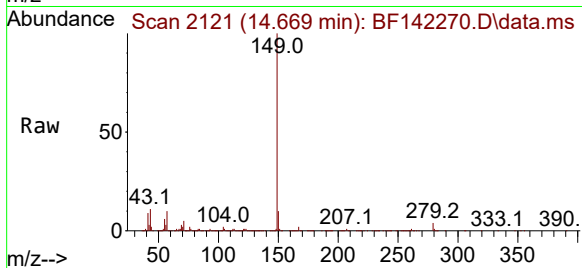
Tgt Ion:149 Resp: 1467740

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7#

43 11.2 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

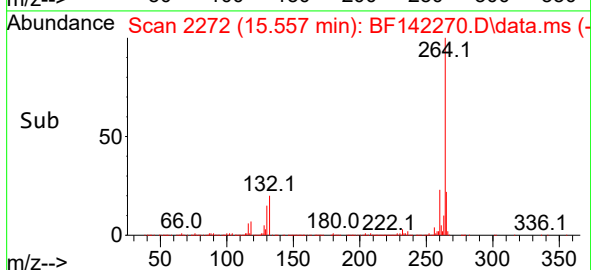
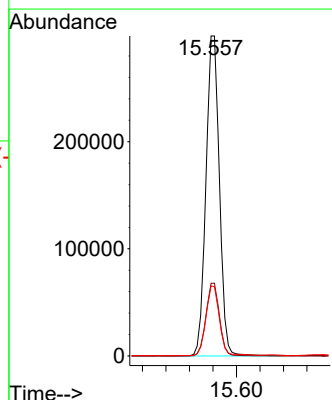
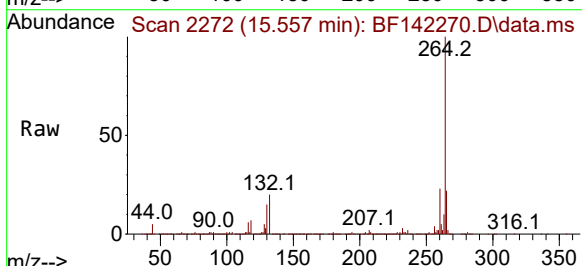
Tgt Ion:264 Resp: 473333

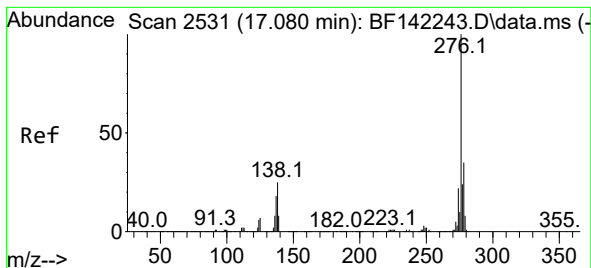
Ion Ratio Lower Upper

264 100

260 22.7 18.4 27.6

265 21.9 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 32.760 ng

RT: 17.068 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

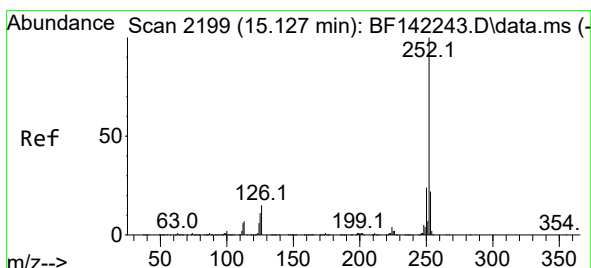
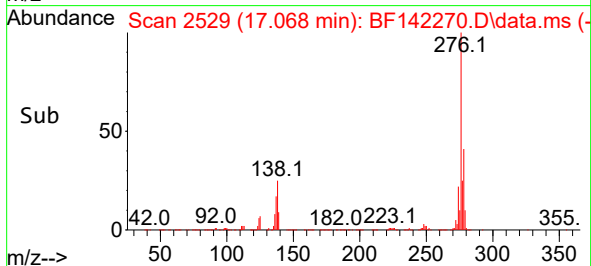
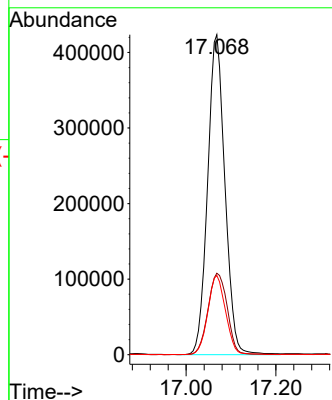
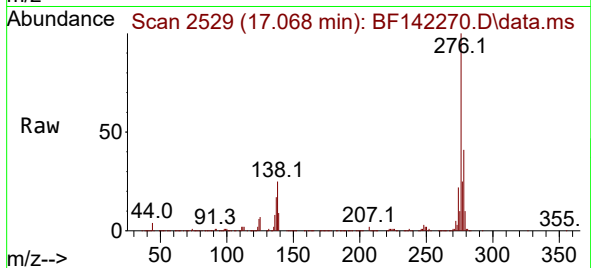
Tgt Ion:276 Resp: 1135807

Ion Ratio Lower Upper

276 100

138 28.4 22.6 33.8

277 25.5 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 48.634 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

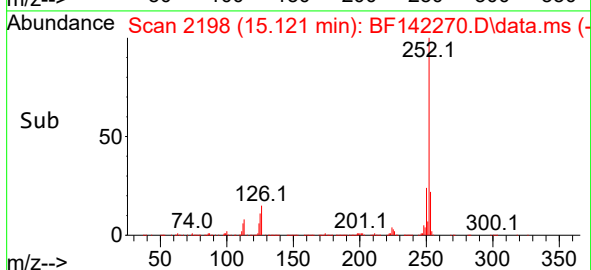
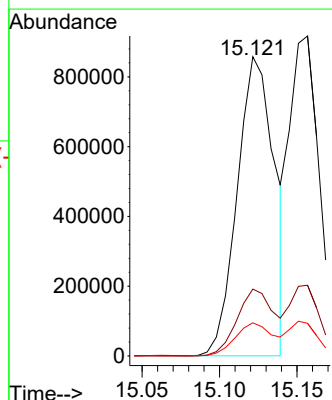
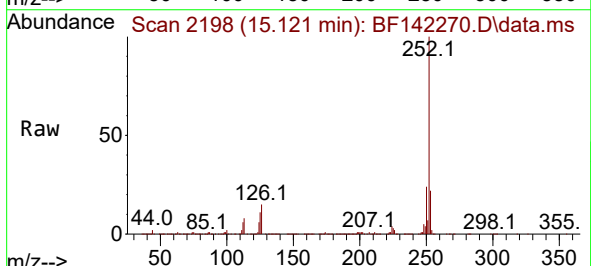
Tgt Ion:252 Resp: 1429910

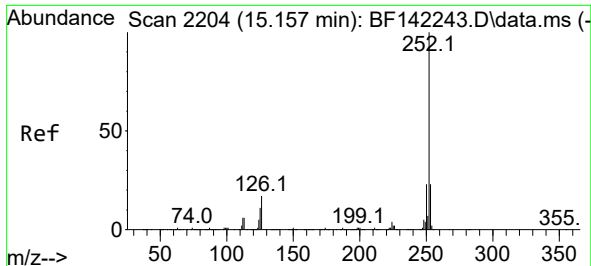
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 11.1 9.0 13.4

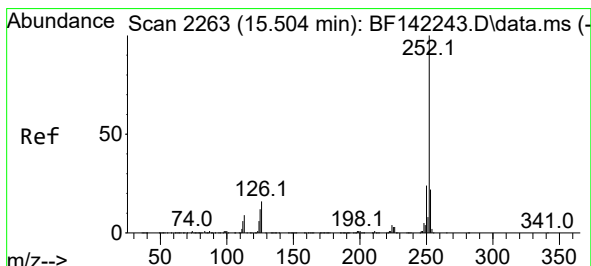
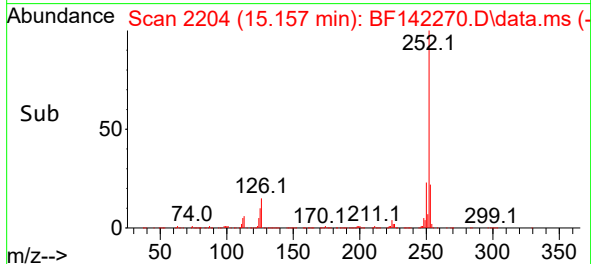
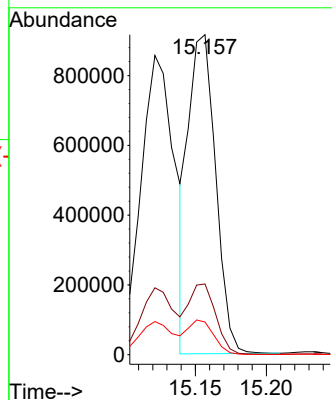
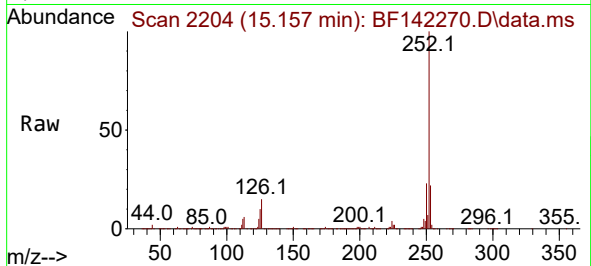




#89
Benzo(k)fluoranthene
Concen: 45.297 ng
RT: 15.157 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

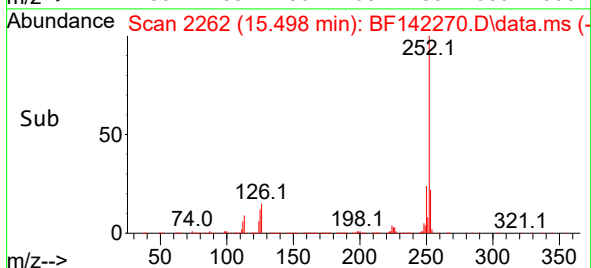
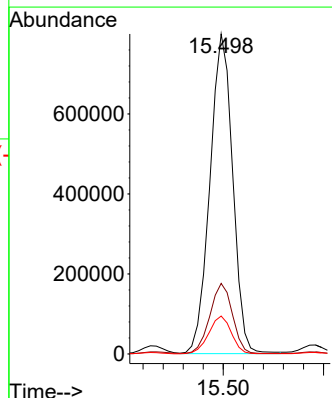
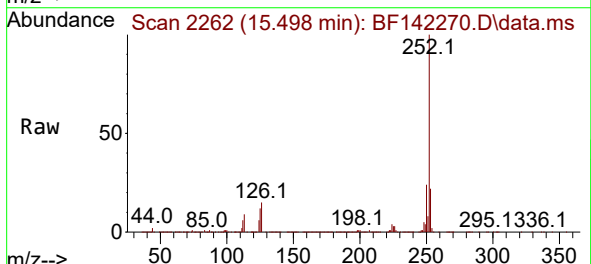
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

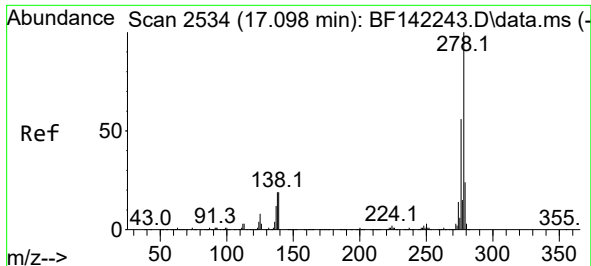
Tgt Ion:252 Resp: 1218152
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 10.2 9.0 13.6



#90
Benzo(a)pyrene
Concen: 46.890 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:252 Resp: 1262185
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.8 9.5 14.3

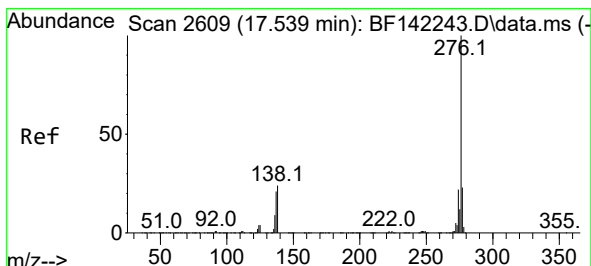
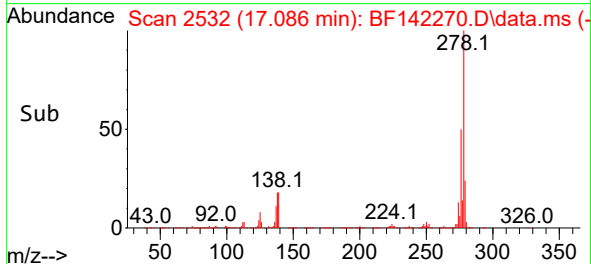
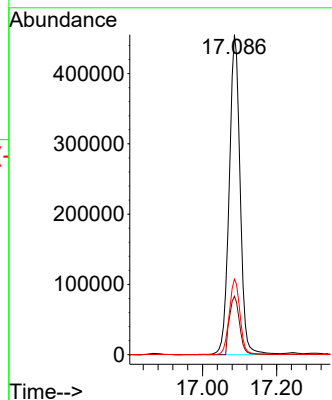
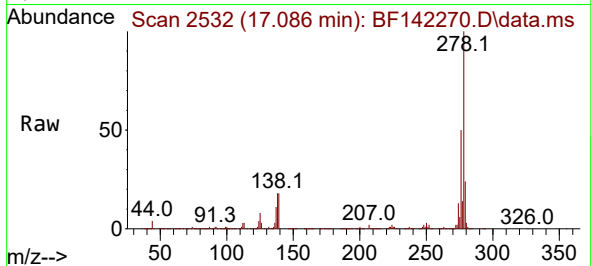




#91
Dibenzo(a,h)anthracene
Concen: 33.147 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

Tgt Ion:278 Resp: 932712
Ion Ratio Lower Upper
278 100
139 18.2 15.2 22.8
279 23.6 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 30.277 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.018 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:276 Resp: 856464
Ion Ratio Lower Upper
276 100
277 23.6 18.7 28.1
138 24.2 19.4 29.0

