

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
 Data File : BF142313.D
 Acq On : 12 May 2025 11:45
 Operator : RC/JU
 Sample : PB167936BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167936BS

Quant Time: May 12 12:22:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	228546	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	879424	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	472310	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	813922	20.000	ng	0.00
76) Chrysene-d12	14.069	240	456231	20.000	ng	0.00
86) Perylene-d12	15.557	264	454802	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1595728	119.190	ng	0.02
7) Phenol-d6	6.528	99	1940411	117.841	ng	0.00
23) Nitrobenzene-d5	7.469	82	1168091	81.006	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	620379	136.046	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2449042	73.935	ng	0.00
79) Terphenyl-d14	13.016	244	2474972	80.293	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.781	88	203840	33.810	ng 99
3) Pyridine	3.528	79	543724	38.413	ng 99
4) n-Nitrosodimethylamine	3.481	42	338280	41.120	ng 98
6) Aniline	6.569	93	774476	47.952	ng 100
8) 2-Chlorophenol	6.687	128	615322	43.009	ng 100
9) Benzaldehyde	6.451	77	220908	22.922	ng 99
10) Phenol	6.545	94	780321	44.706	ng 97
11) bis(2-Chloroethyl)ether	6.640	93	600195	34.869	ng 99
12) 1,3-Dichlorobenzene	6.845	146	670197	40.947	ng 99
13) 1,4-Dichlorobenzene	6.922	146	671076	40.835	ng 100
14) 1,2-Dichlorobenzene	7.075	146	653513	41.429	ng 100
15) Benzyl Alcohol	7.045	79	494205	46.349	ng 98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1053058	40.969	ng 100
17) 2-Methylphenol	7.151	107	504801	43.582	ng 99
18) Hexachloroethane	7.422	117	224669	41.089	ng 98
19) n-Nitroso-di-n-propyla...	7.316	70	427032	41.925	ng 99
20) 3+4-Methylphenols	7.304	107	609928	42.193	ng 95
22) Acetophenone	7.316	105	817849	41.826	ng 100
24) Nitrobenzene	7.487	77	624046	45.911	ng 99
25) Isophorone	7.728	82	1190018	43.581	ng 99
26) 2-Nitrophenol	7.804	139	243923	38.148	ng 98
27) 2,4-Dimethylphenol	7.834	122	598313	43.581	ng 99
28) bis(2-Chloroethoxy)met...	7.934	93	746502	42.516	ng 99
29) 2,4-Dichlorophenol	8.039	162	531781	45.561	ng 99
30) 1,2,4-Trichlorobenzene	8.128	180	562313	42.808	ng 99
31) Naphthalene	8.210	128	1799844	42.228	ng 100
32) Benzoic acid	7.957	122	303727m	42.770	ng
33) 4-Chloroaniline	8.263	127	288525m	16.590	ng
34) Hexachlorobutadiene	8.328	225	336424	43.252	ng 100
35) Caprolactam	8.628	113	162741m	47.841	ng
36) 4-Chloro-3-methylphenol	8.734	107	546571	45.048	ng 99
37) 2-Methylnaphthalene	8.898	142	1125420	42.494	ng 99
38) 1-Methylnaphthalene	8.998	142	1172233	42.466	ng 100
40) 1,2,4,5-Tetrachloroben...	9.069	216	547769	41.525	ng 99
41) Hexachlorocyclopentadiene	9.057	237	697613	85.571	ng 99
43) 2,4,6-Trichlorophenol	9.175	196	373963	44.944	ng 99

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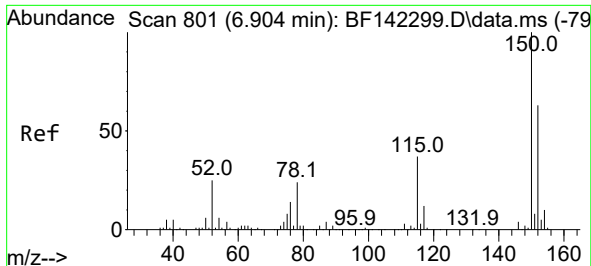
Quant Time: May 12 12:22:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	412598	46.605	ng	99
46) 1,1'-Biphenyl	9.363	154	1523641	42.073	ng	100
47) 2-Chloronaphthalene	9.392	162	1136806	42.211	ng	100
48) 2-Nitroaniline	9.481	65	331404	48.008	ng	96
49) Acenaphthylene	9.804	152	1932359	42.891	ng	100
50) Dimethylphthalate	9.669	163	1348331	44.458	ng	100
51) 2,6-Dinitrotoluene	9.728	165	293013	51.615	ng	92
52) Acenaphthene	9.981	154	1235707	45.616	ng	99
53) 3-Nitroaniline	9.892	138	227322	34.143	ng	98
54) 2,4-Dinitrophenol	9.998	184	245621	82.443	ng	# 1
55) Dibenzofuran	10.151	168	1709528	42.760	ng	99
56) 4-Nitrophenol	10.051	139	516208	103.017	ng	96
57) 2,4-Dinitrotoluene	10.128	165	397875	54.639	ng	99
58) Fluorene	10.492	166	1291474	42.329	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	344523	47.141	ng	100
60) Diethylphthalate	10.369	149	1361818	44.963	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	633883	43.063	ng	99
62) 4-Nitroaniline	10.510	138	317866	60.237	ng	99
63) Azobenzene	10.645	77	1279227	44.199	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	158803	42.775	ng	97
66) n-Nitrosodiphenylamine	10.604	169	1177489	43.475	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	410377	44.488	ng	98
68) Hexachlorobenzene	11.039	284	459790	45.314	ng	97
69) Atrazine	11.128	200	348680	48.839	ng	99
70) Pentachlorophenol	11.233	266	523228	98.022	ng	98
71) Phenanthrene	11.457	178	1839476	43.116	ng	99
72) Anthracene	11.510	178	1868781	42.630	ng	100
73) Carbazole	11.663	167	1713989	43.581	ng	100
74) Di-n-butylphthalate	11.992	149	1956675	47.313	ng	100
75) Fluoranthene	12.645	202	1884939	44.198	ng	99
77) Benzidine	12.763	184	781039	94.203	ng	99
78) Pyrene	12.874	202	1876785	46.216	ng	100
80) Butylbenzylphthalate	13.492	149	524077	44.510	ng	99
81) Benzo(a)anthracene	14.057	228	1373762	46.496	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	237216	34.525	ng	99
83) Chrysene	14.098	228	1203738	43.764	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	655144	42.940	ng	99
85) Di-n-octyl phthalate	14.668	149	1158395	42.671	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	1494767	47.247	ng	100
88) Benzo(b)fluoranthene	15.121	252	1282700	46.567	ng	99
89) Benzo(k)fluoranthene	15.151	252	1077445	42.743	ng	99
90) Benzo(a)pyrene	15.498	252	1162408	47.092	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	1229296	47.032	ng	99
92) Benzo(g,h,i)perylene	17.527	276	1219847	47.023	ng	99

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

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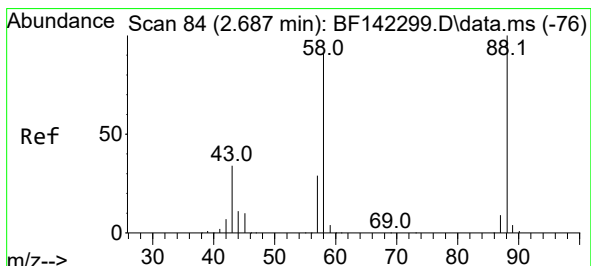
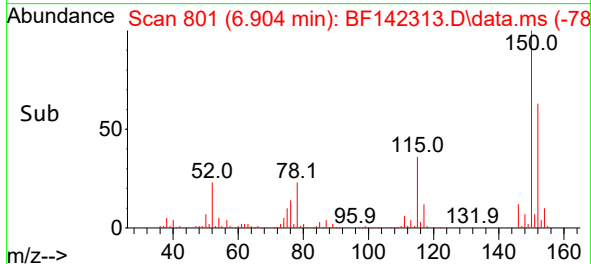
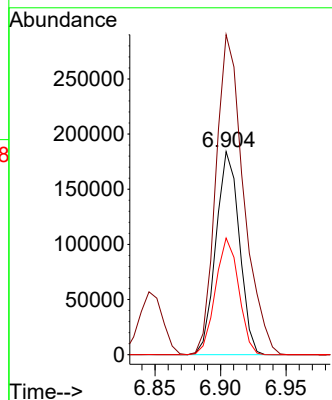
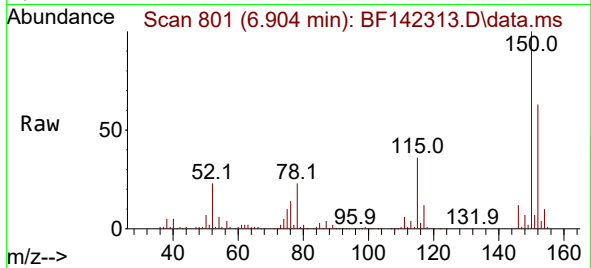




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142313.D
 Acq: 12 May 2025 11:45

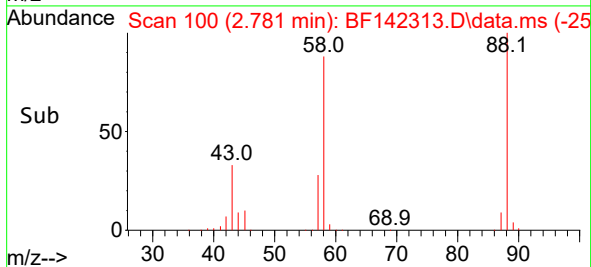
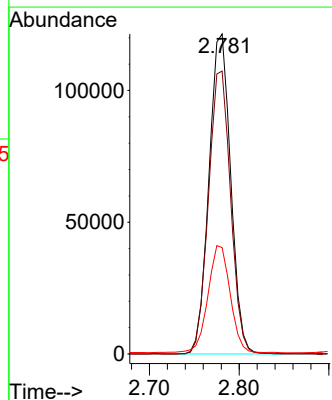
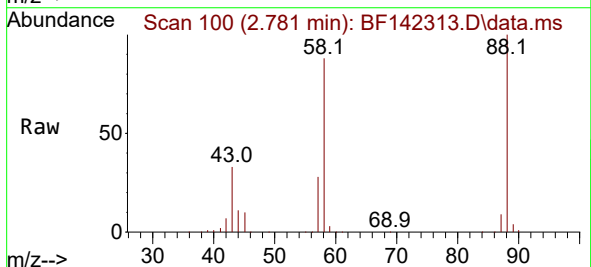
Instrument :
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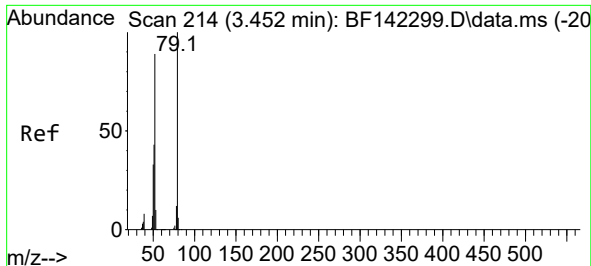
Tgt Ion:152 Resp: 228546
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.6 190.0
 115 57.4 47.3 70.9



#2
 1,4-Dioxane
 Concen: 33.810 ng
 RT: 2.781 min Scan# 100
 Delta R.T. 0.094 min
 Lab File: BF142313.D
 Acq: 12 May 2025 11:45

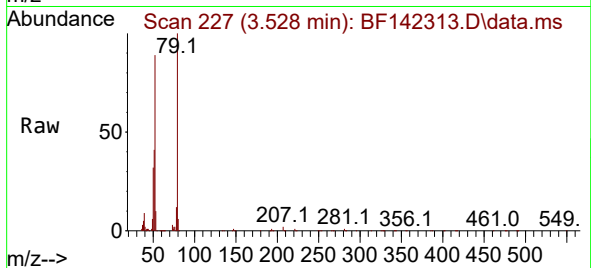
Tgt Ion: 88 Resp: 203840
 Ion Ratio Lower Upper
 88 100
 58 90.4 73.0 109.4
 43 34.1 27.8 41.6



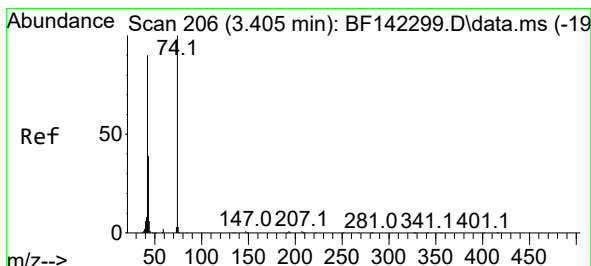
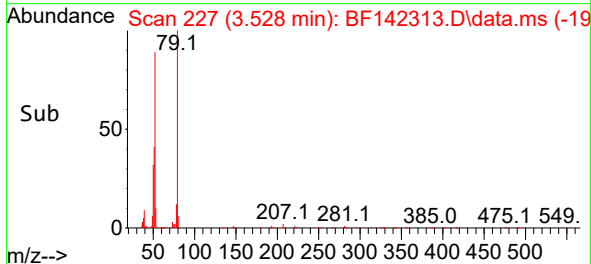
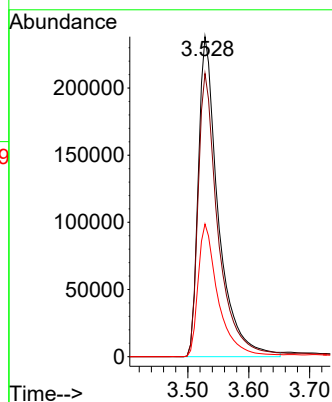


#3
Pyridine
Concen: 38.413 ng
RT: 3.528 min Scan# 214
Delta R.T. 0.076 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Instrument :
BNA_F
ClientSampleId :
PB167936BS

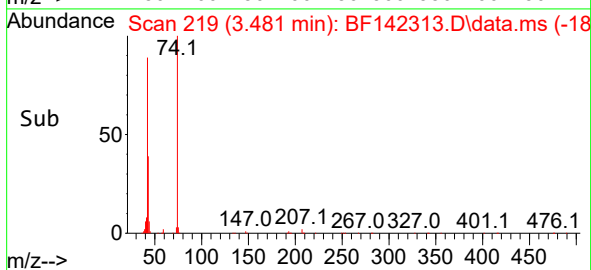
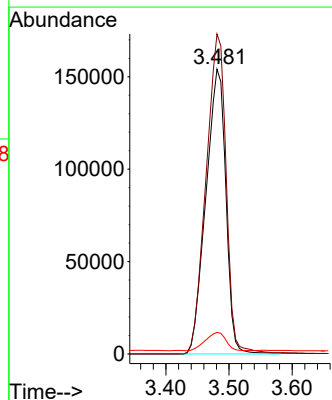
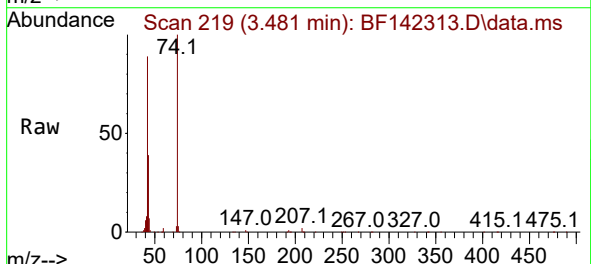


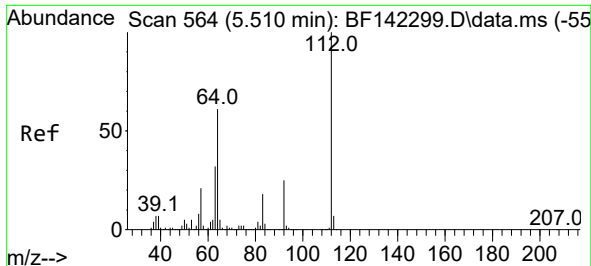
Tgt Ion: 79 Resp: 543724
Ion Ratio Lower Upper
79 100
52 88.5 71.0 106.4
51 41.5 34.9 52.3



#4
n-Nitrosodimethylamine
Concen: 41.120 ng
RT: 3.481 min Scan# 219
Delta R.T. 0.076 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Tgt Ion: 42 Resp: 338280
Ion Ratio Lower Upper
42 100
74 112.4 88.5 132.7
44 7.6 5.8 8.8

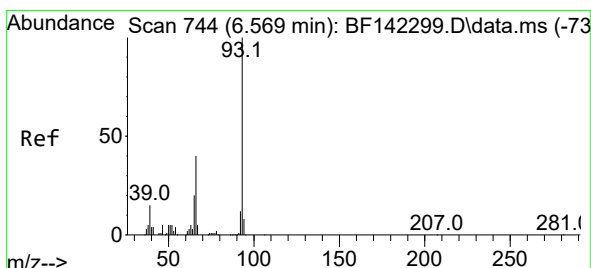
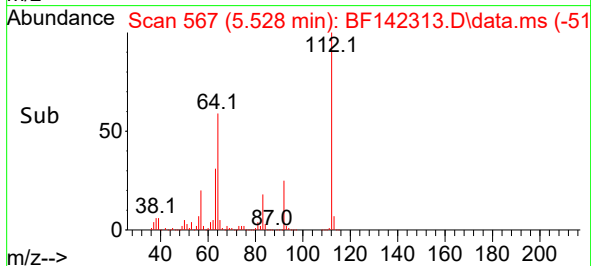
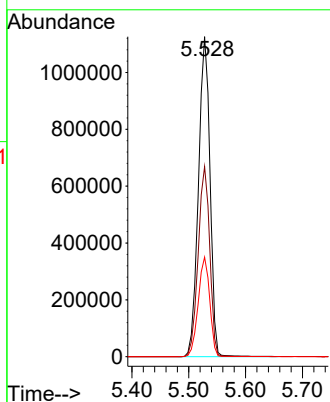
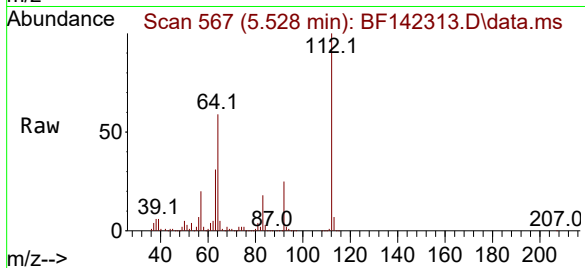




#5
2-Fluorophenol
Concen: 119.190 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

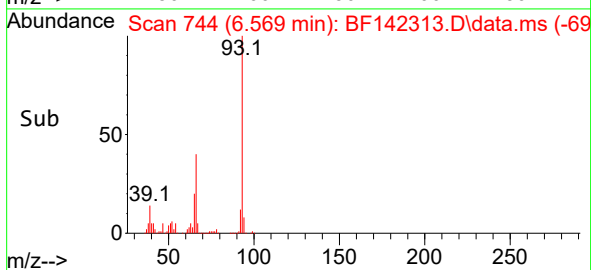
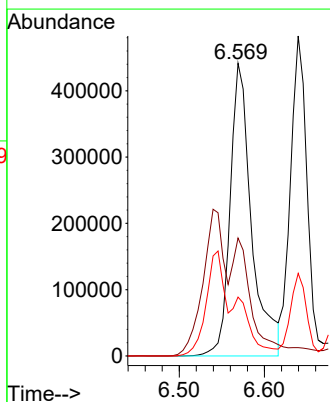
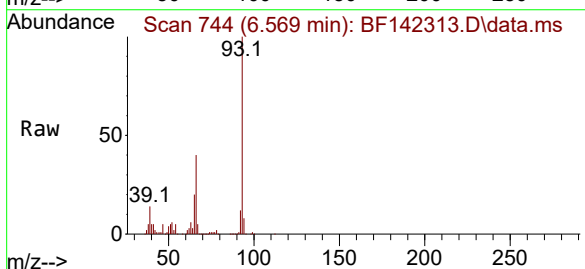
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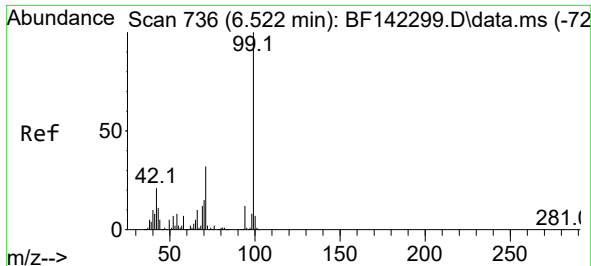
Tgt Ion:112 Resp: 1595728
Ion Ratio Lower Upper
112 100
64 59.4 48.9 73.3
63 31.1 25.6 38.4



#6
Aniline
Concen: 47.952 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Tgt Ion: 93 Resp: 774476
Ion Ratio Lower Upper
93 100
66 40.3 32.2 48.4
65 20.1 16.3 24.5

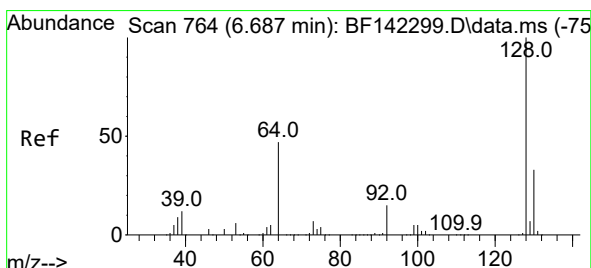
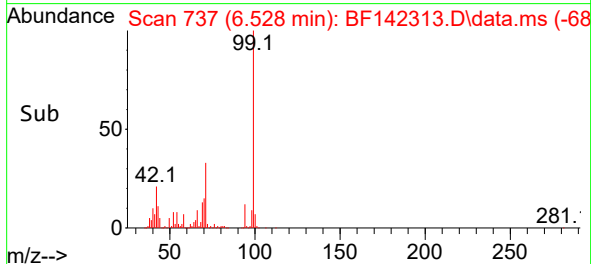
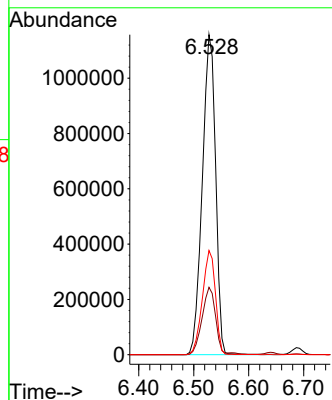
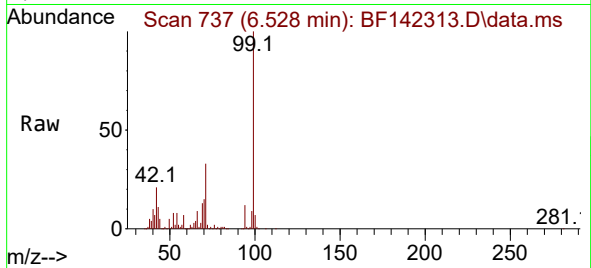




#7
Phenol-d6
Concen: 117.841 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

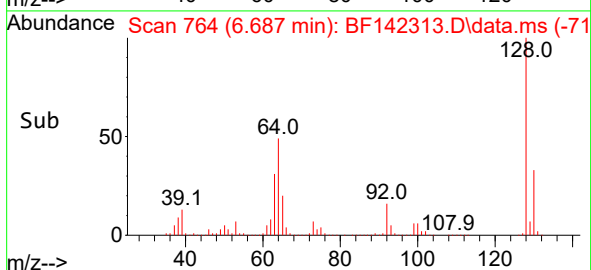
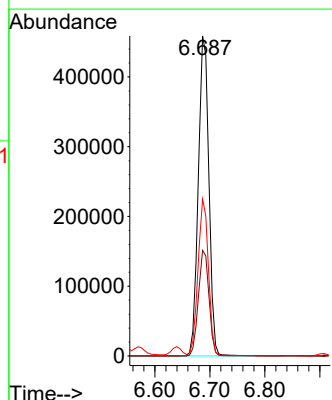
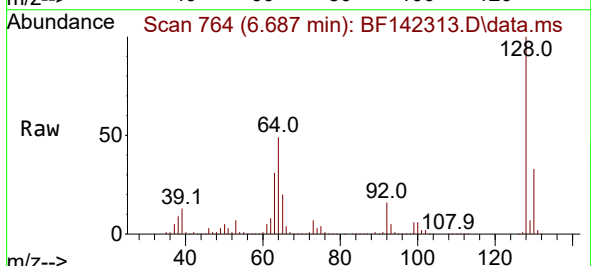
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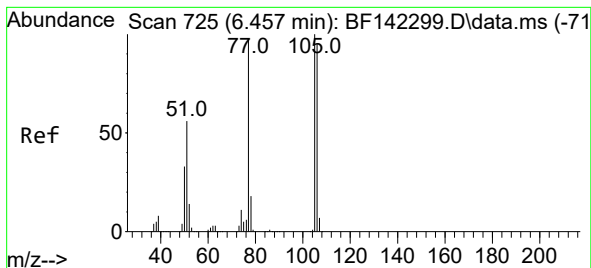
Tgt Ion: 99 Resp: 1940411
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.4
71 32.6 25.8 38.8



#8
2-Chlorophenol
Concen: 43.009 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Tgt Ion: 128 Resp: 615322
Ion Ratio Lower Upper
128 100
130 33.0 12.7 52.7
64 49.1 29.2 69.2





#9

Benzaldehyde

Concen: 22.922 ng

RT: 6.451 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142313.D

Acq: 12 May 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB167936BS

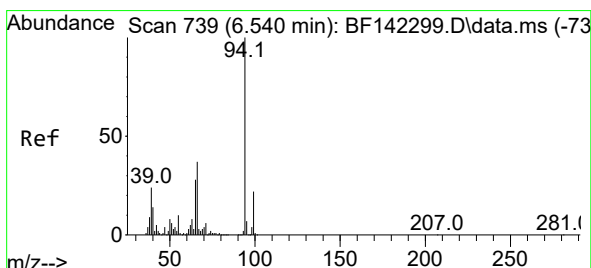
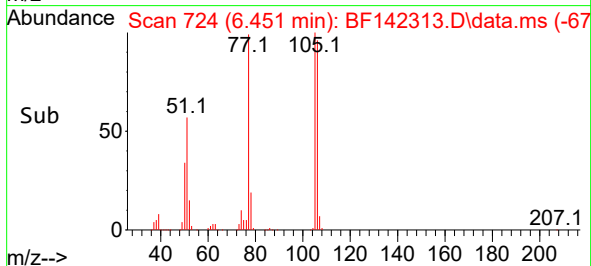
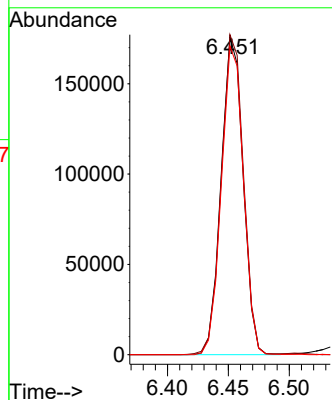
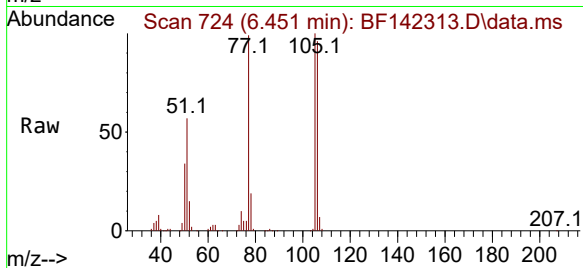
Tgt Ion: 77 Resp: 220908

Ion Ratio Lower Upper

77 100

105 100.6 82.0 122.0

106 96.9 77.2 117.2



#10

Phenol

Concen: 44.706 ng

RT: 6.545 min Scan# 740

Delta R.T. 0.006 min

Lab File: BF142313.D

Acq: 12 May 2025 11:45

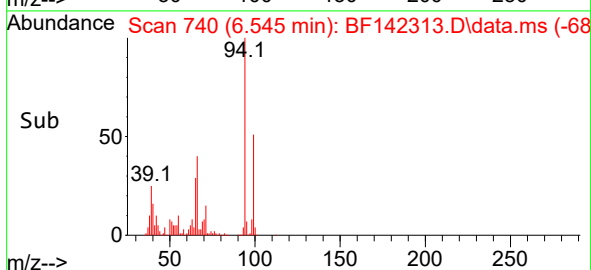
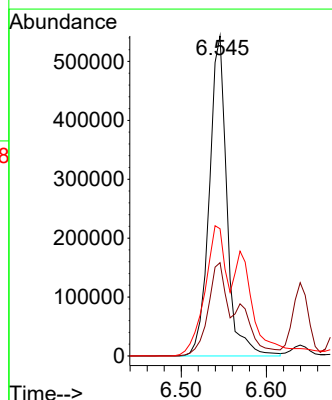
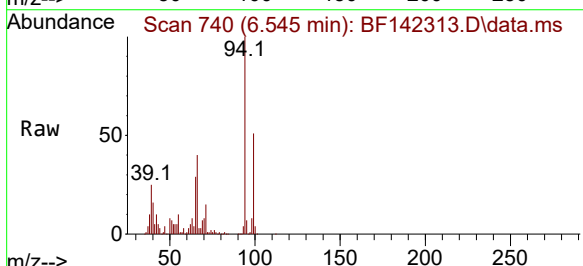
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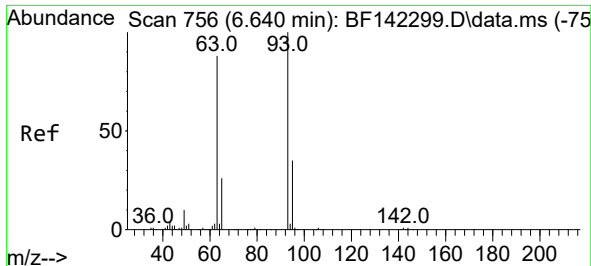
Ion Ratio Lower Upper

94 100

65 29.1 8.5 48.5

66 39.8 17.3 57.3

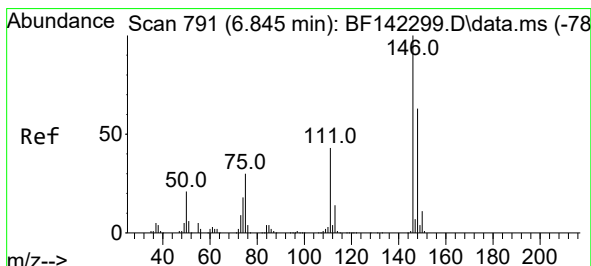
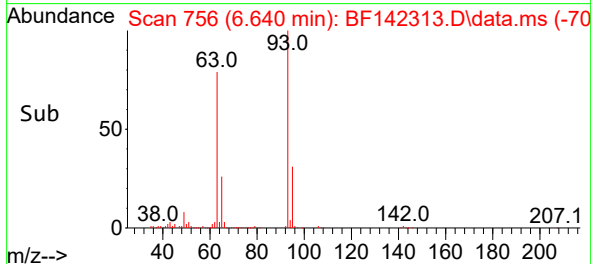
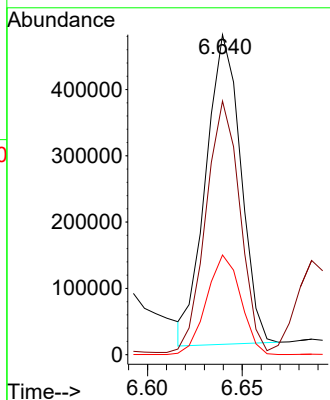
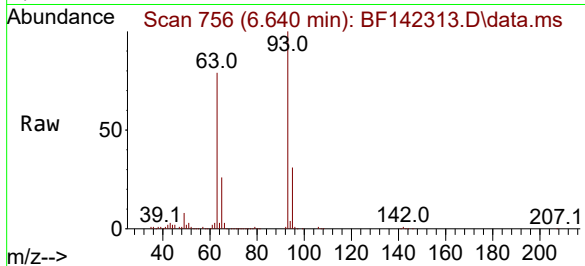




#11
bis(2-Chloroethyl)ether
Concen: 34.869 ng
RT: 6.640 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

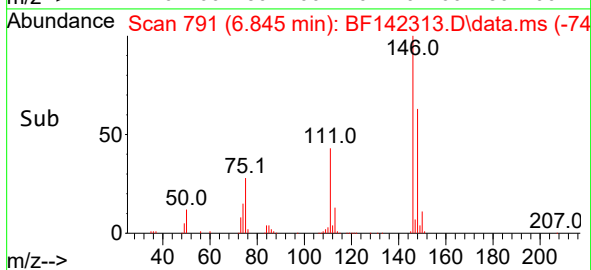
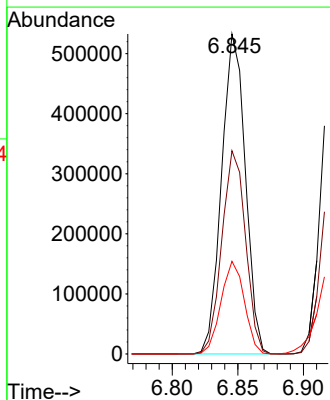
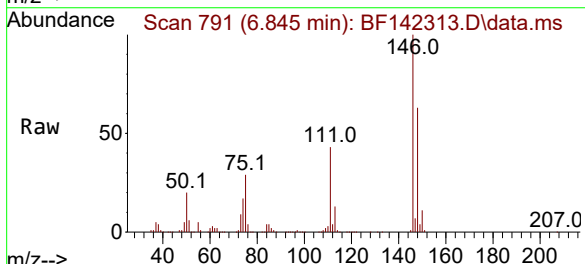
Instrument :
BNA_F
ClientSampleId :
PB167936BS

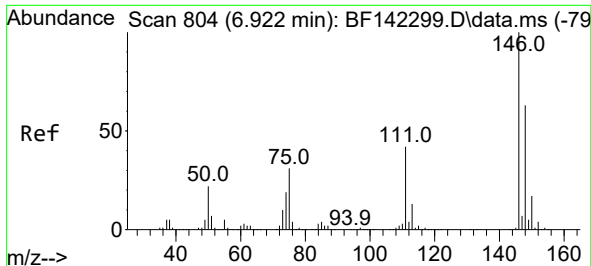
Tgt Ion: 93 Resp: 600195
Ion Ratio Lower Upper
93 100
63 79.3 58.4 98.4
95 31.2 10.6 50.6



#12
1,3-Dichlorobenzene
Concen: 40.947 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Tgt Ion:146 Resp: 670197
Ion Ratio Lower Upper
146 100
148 63.5 50.6 76.0
75 29.0 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.835 ng

RT: 6.922 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF142313.D

Acq: 12 May 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB167936BS

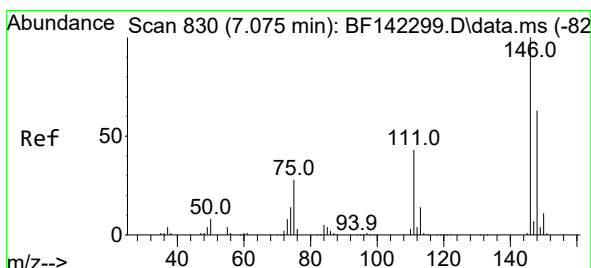
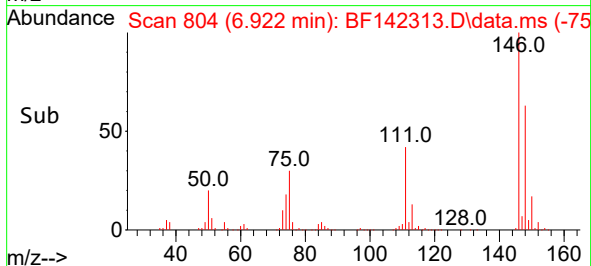
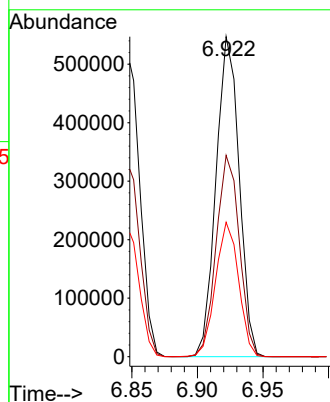
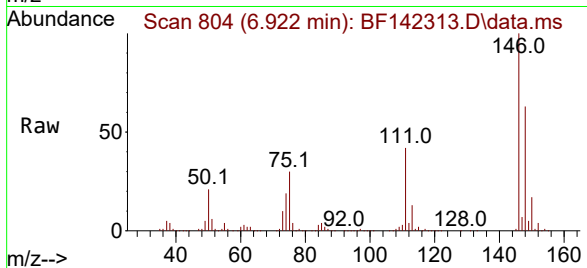
Tgt Ion:146 Resp: 671076

Ion Ratio Lower Upper

146 100

148 62.9 50.5 75.7

111 42.0 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 41.429 ng

RT: 7.075 min Scan# 830

Delta R.T. -0.000 min

Lab File: BF142313.D

Acq: 12 May 2025 11:45

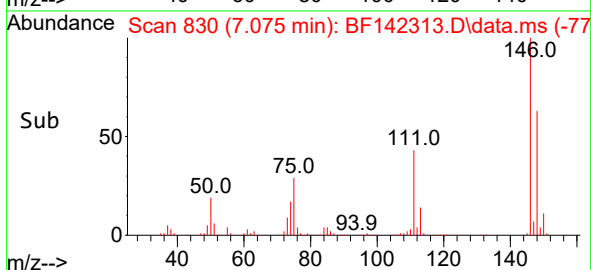
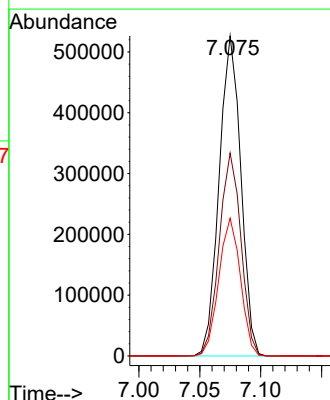
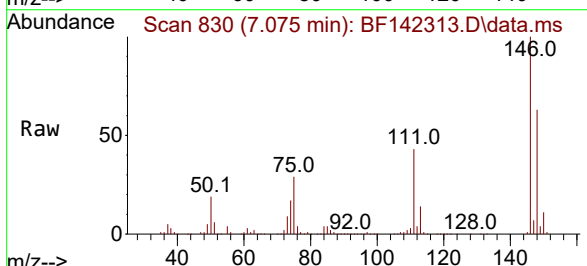
Tgt Ion:146 Resp: 653513

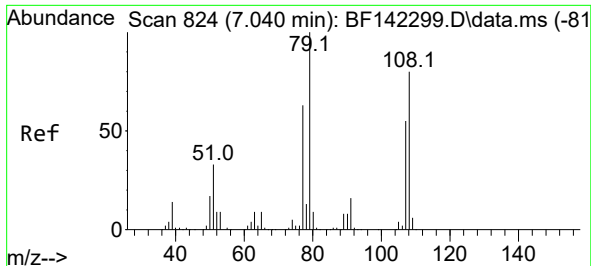
Ion Ratio Lower Upper

146 100

148 63.4 50.3 75.5

111 43.1 34.5 51.7

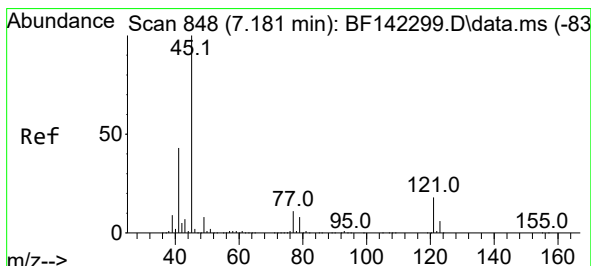
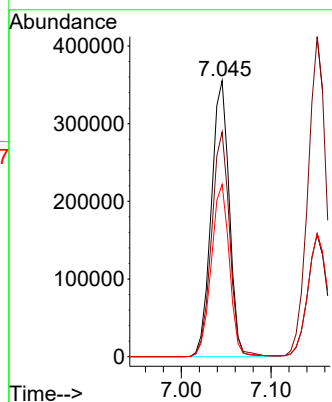
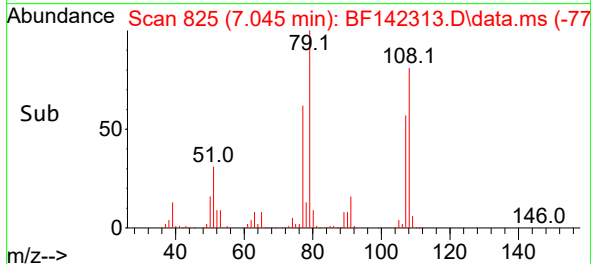
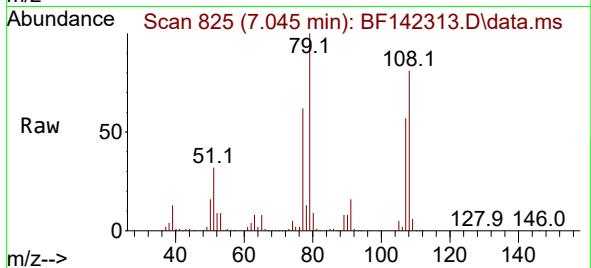




#15
Benzyl Alcohol
Concen: 46.349 ng
RT: 7.045 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

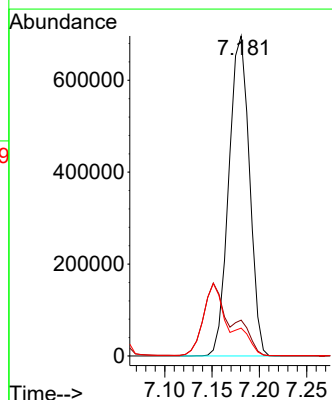
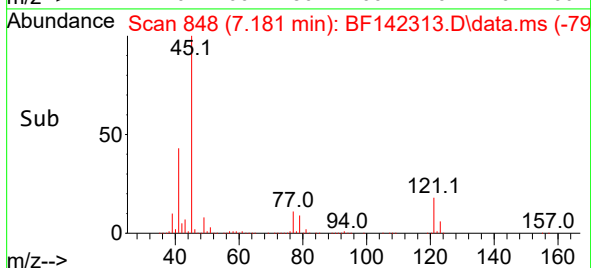
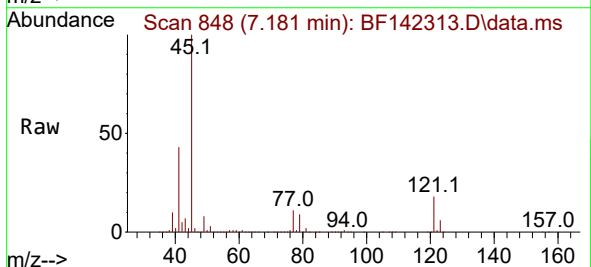
Instrument :
BNA_F
ClientSampleId :
PB167936BS

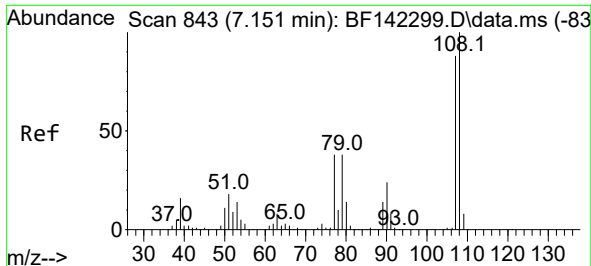
Tgt Ion: 79 Resp: 494205
Ion Ratio Lower Upper
79 100
108 81.5 63.9 95.9
77 62.4 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.969 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

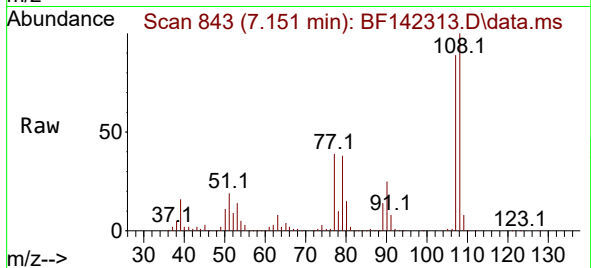
Tgt Ion: 45 Resp: 1053058
Ion Ratio Lower Upper
45 100
77 11.2 0.0 31.2
79 8.7 0.0 28.5



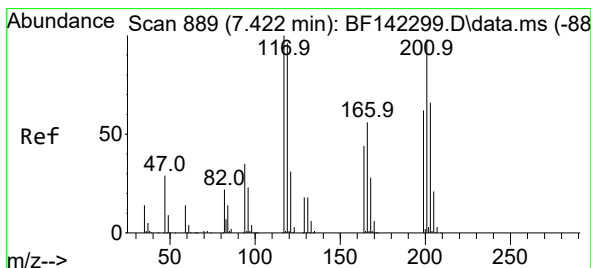
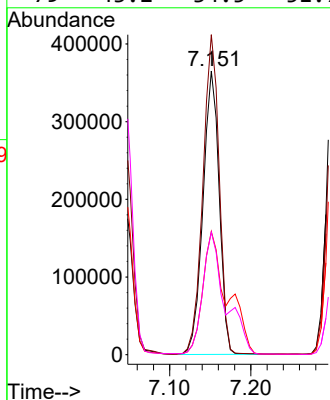
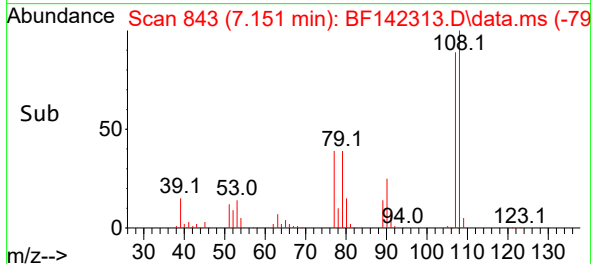


#17
2-Methylphenol
Concen: 43.582 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Instrument :
BNA_F
ClientSampleId :
PB167936BS

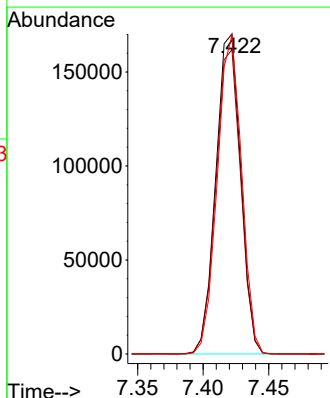
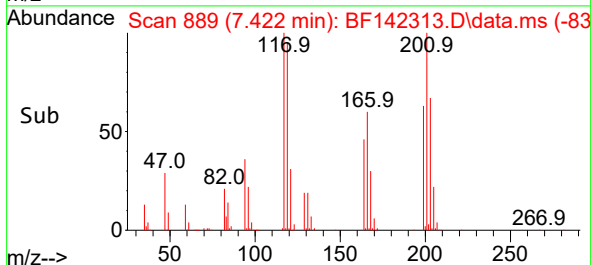
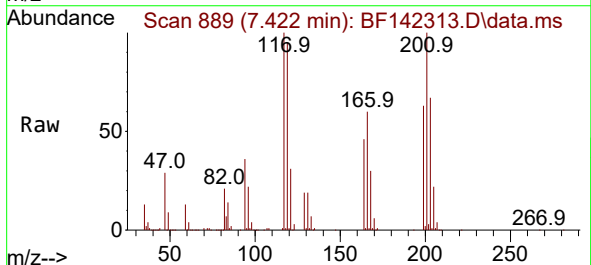


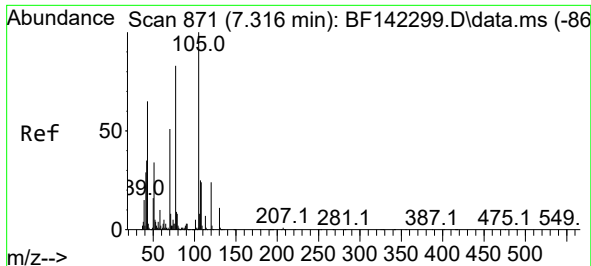
Tgt Ion:	107	Resp:	504801
Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.1	136.7
77	43.5	34.7	52.1
79	43.2	34.5	51.7



#18
Hexachloroethane
Concen: 41.089 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Tgt Ion:	117	Resp:	224669
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.9	115.3
201	99.7	78.0	117.0

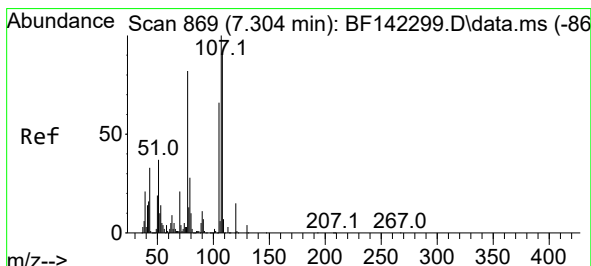
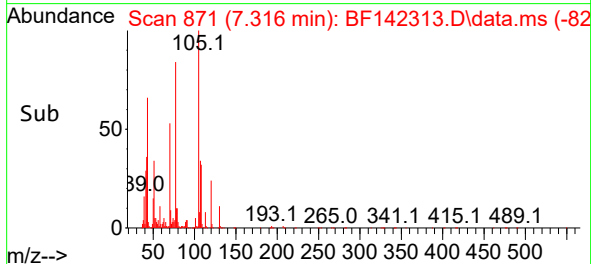
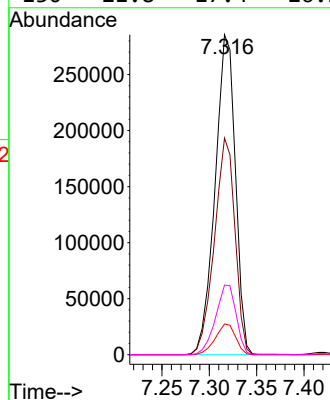
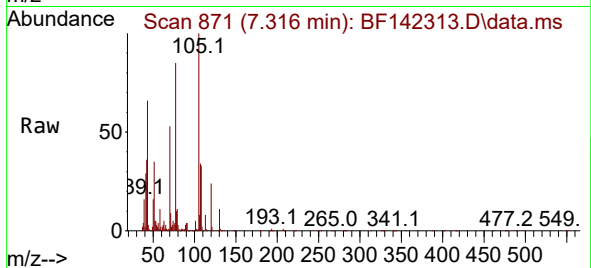




#19
n-Nitroso-di-n-propylamine
Concen: 41.925 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

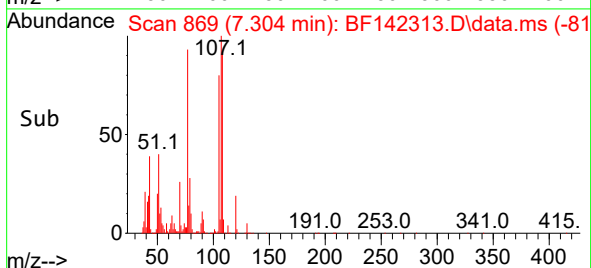
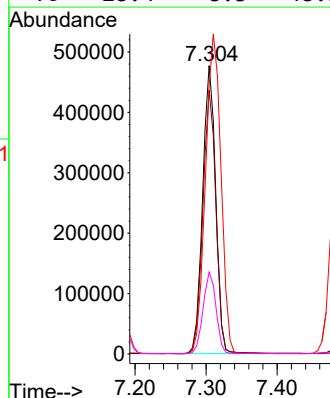
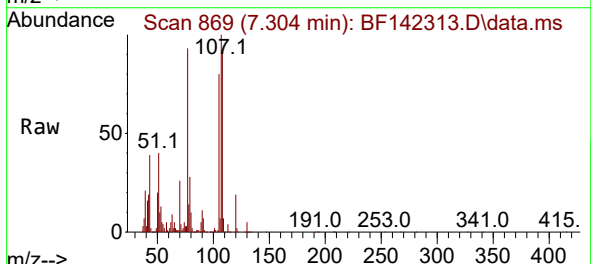
Instrument :
BNA_F
ClientSampleId :
PB167936BS

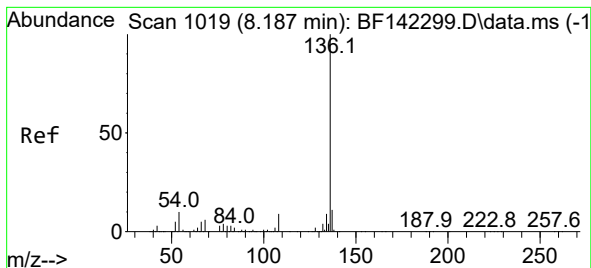
Tgt Ion: 70 Resp: 427032
Ion Ratio Lower Upper
70 100
42 67.7 54.8 82.2
101 9.6 7.7 11.5
130 21.8 17.4 26.2



#20
3+4-Methylphenols
Concen: 42.193 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Tgt Ion: 107 Resp: 609928
Ion Ratio Lower Upper
107 100
108 91.5 71.5 111.5
77 93.2 61.6 101.6
79 28.4 8.3 48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF142313.D

Acq: 12 May 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB167936BS

Tgt Ion:136 Resp: 879424

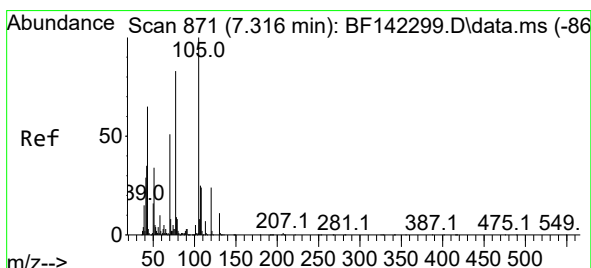
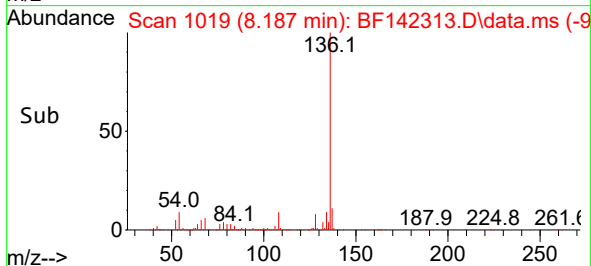
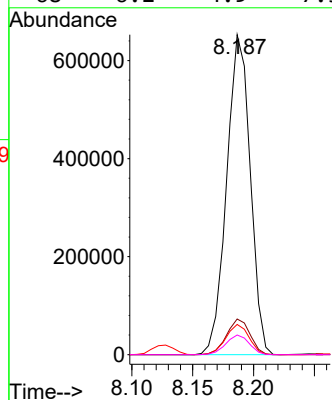
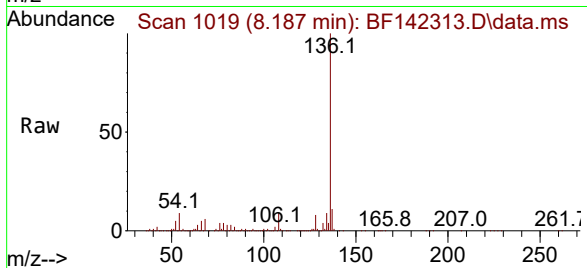
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.5 7.7 11.5

68 6.2 4.9 7.3



#22

Acetophenone

Concen: 41.826 ng

RT: 7.316 min Scan# 871

Delta R.T. -0.000 min

Lab File: BF142313.D

Acq: 12 May 2025 11:45

Tgt Ion:105 Resp: 817849

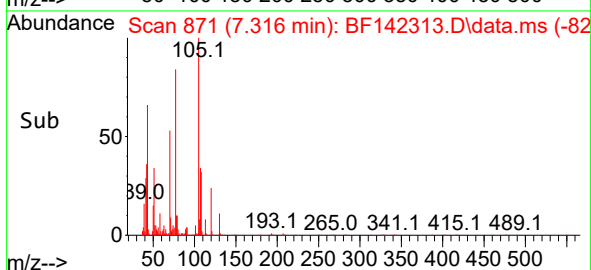
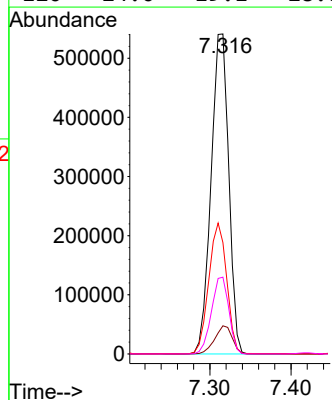
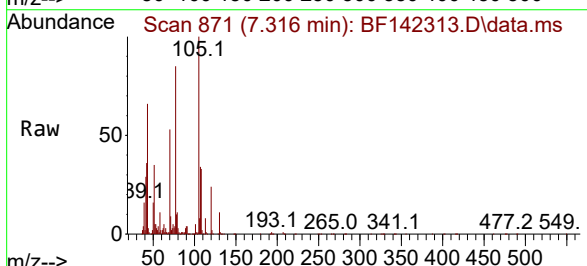
Ion Ratio Lower Upper

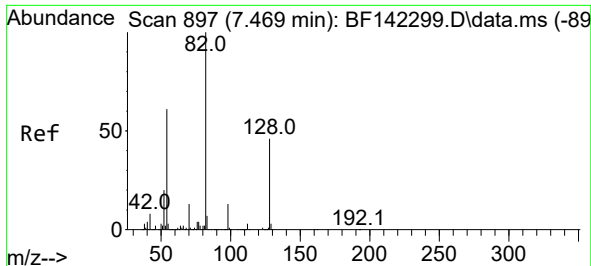
105 100

71 8.8 6.7 10.1

51 34.8 27.6 41.4

120 24.0 19.1 28.7

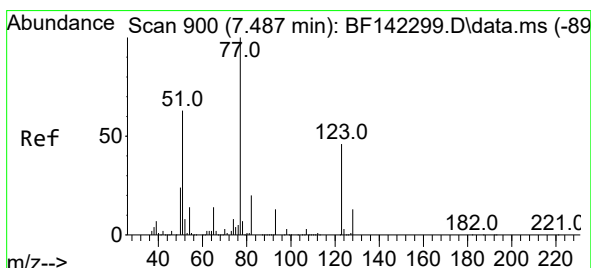
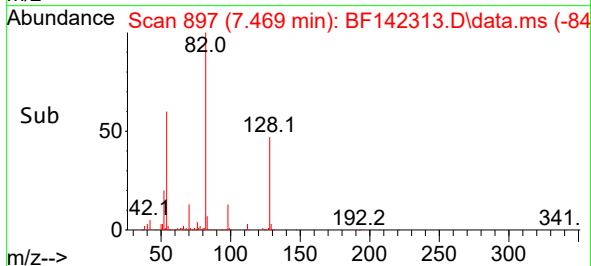
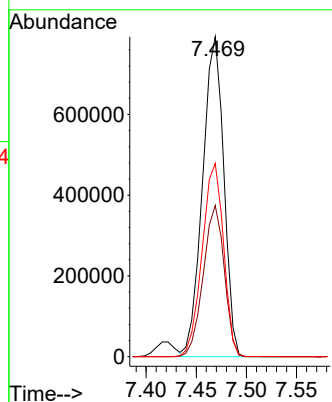
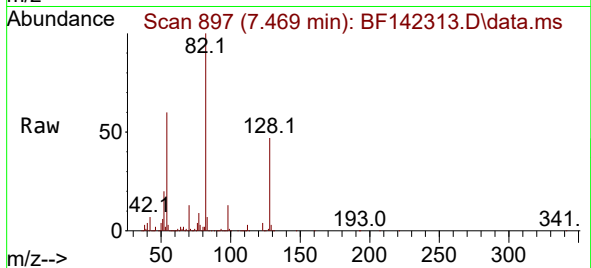




#23
Nitrobenzene-d5
Concen: 81.006 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

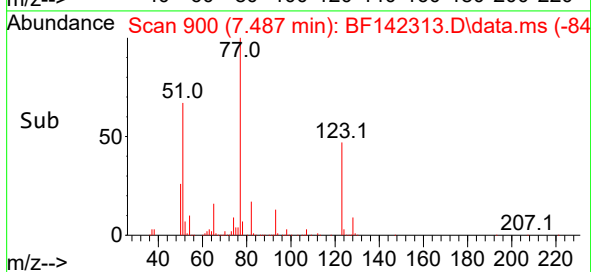
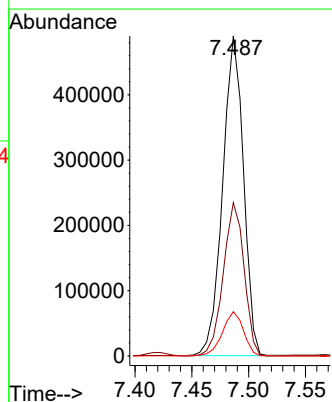
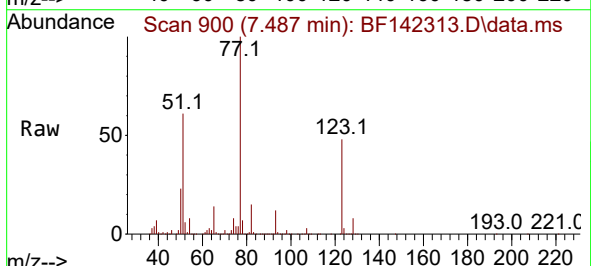
Instrument :
BNA_F
ClientSampleId :
PB167936BS

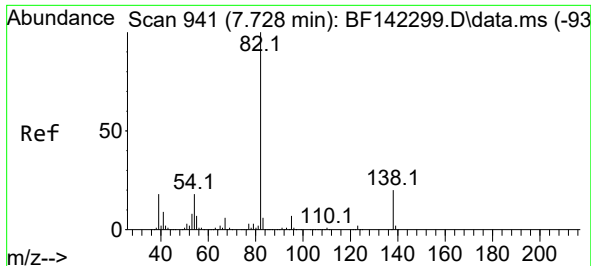
Tgt Ion: 82 Resp: 1168091
Ion Ratio Lower Upper
82 100
128 47.3 37.0 55.6
54 60.4 48.6 73.0



#24
Nitrobenzene
Concen: 45.911 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Tgt Ion: 77 Resp: 624046
Ion Ratio Lower Upper
77 100
123 47.9 37.8 56.8
65 13.9 11.4 17.0

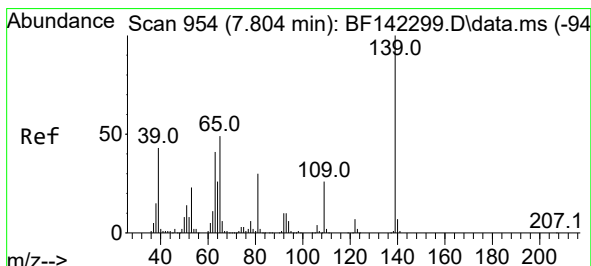
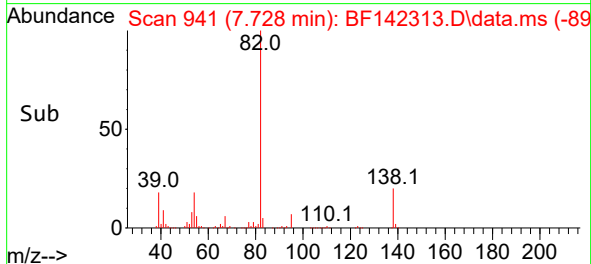
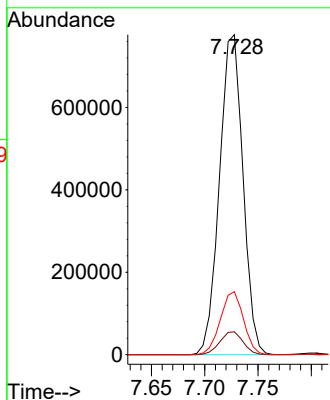
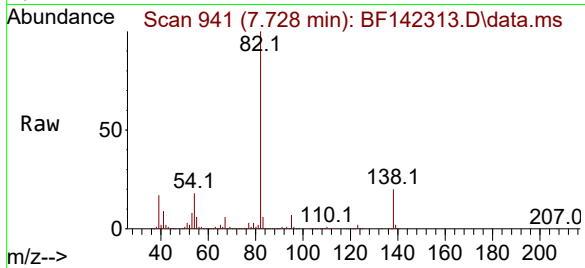




#25
Isophorone
Concen: 43.581 ng
RT: 7.728 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

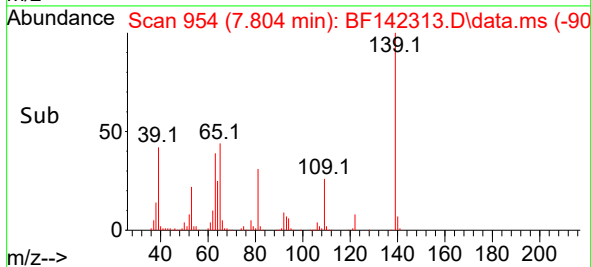
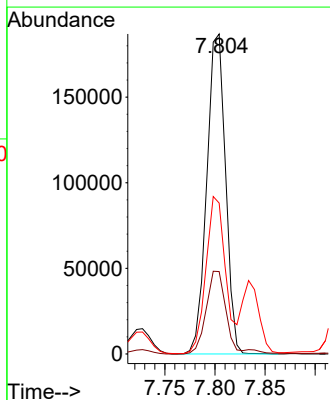
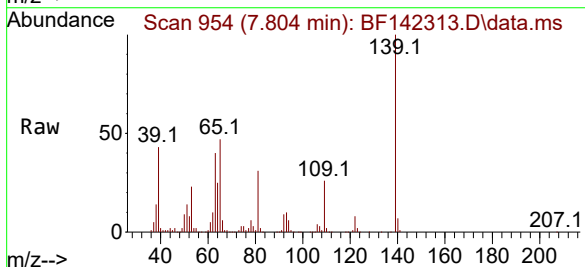
Instrument :
BNA_F
ClientSampleId :
PB167936BS

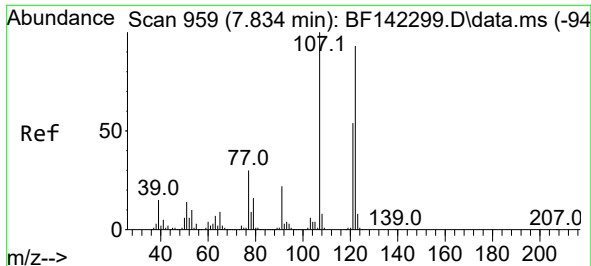
Tgt Ion: 82 Resp: 1190018
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 19.7 16.1 24.1



#26
2-Nitrophenol
Concen: 38.148 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Tgt Ion: 139 Resp: 243923
Ion Ratio Lower Upper
139 100
109 25.8 20.8 31.2
65 47.2 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 43.581 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142313.D

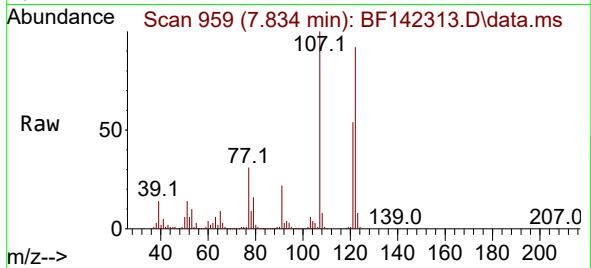
Acq: 12 May 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB167936BS



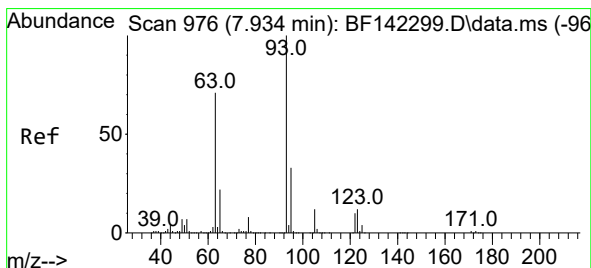
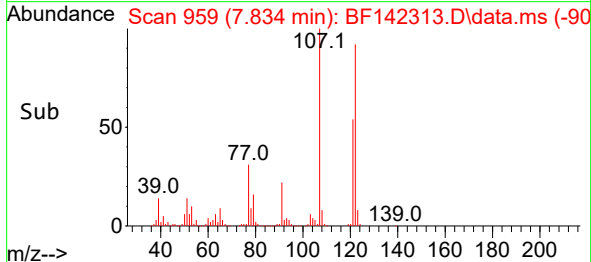
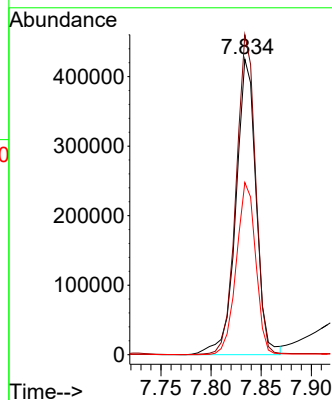
Tgt Ion:122 Resp: 598313

Ion Ratio Lower Upper

122 100

107 108.3 86.0 129.0

121 58.3 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.516 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF142313.D

Acq: 12 May 2025 11:45

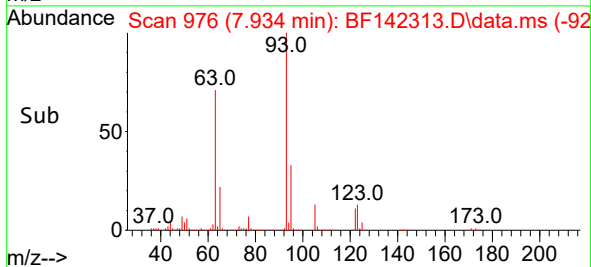
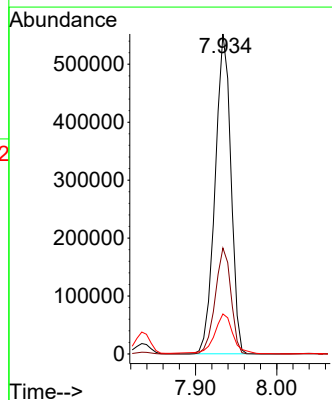
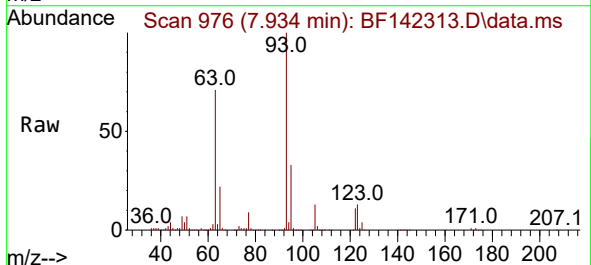
Tgt Ion: 93 Resp: 746502

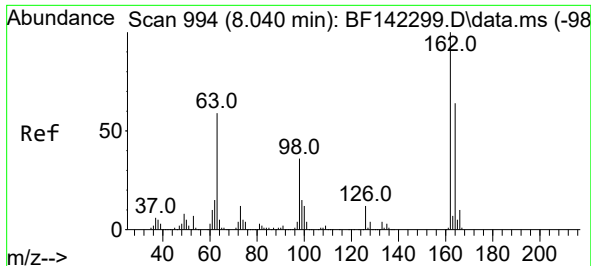
Ion Ratio Lower Upper

93 100

95 33.1 26.1 39.1

123 12.5 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 45.561 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142313.D

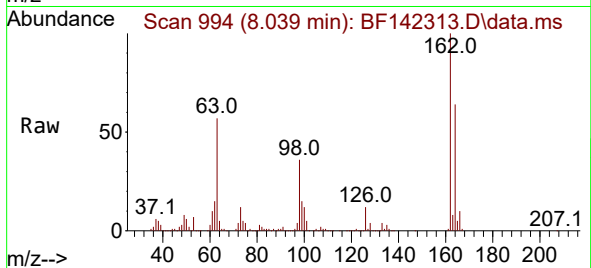
Acq: 12 May 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB167936BS



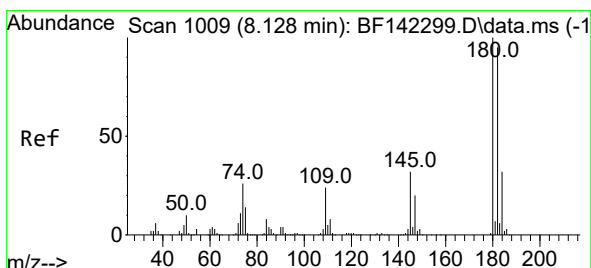
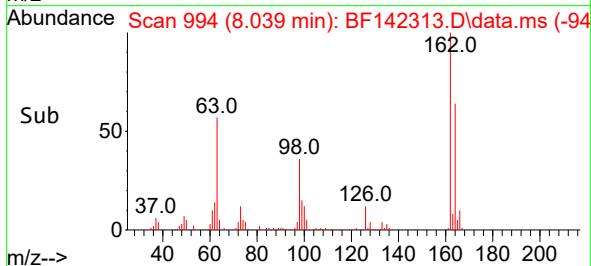
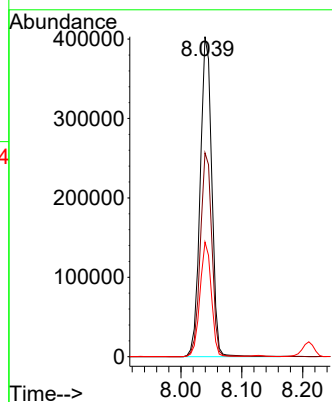
Tgt Ion:162 Resp: 531781

Ion Ratio Lower Upper

162 100

164 63.7 43.6 83.6

98 35.8 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 42.808 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF142313.D

Acq: 12 May 2025 11:45

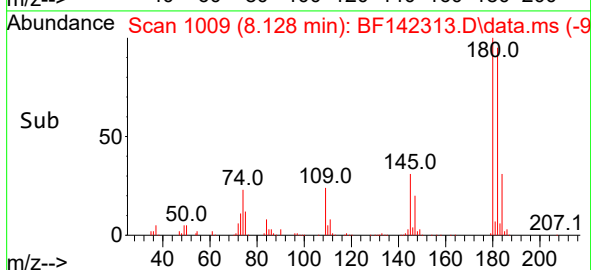
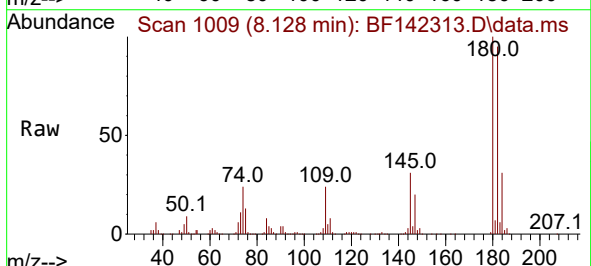
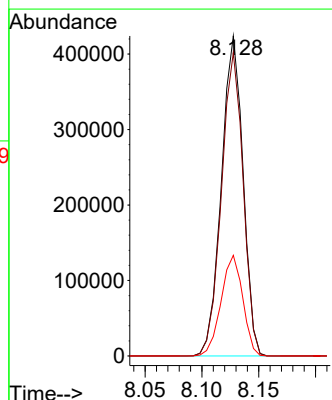
Tgt Ion:180 Resp: 562313

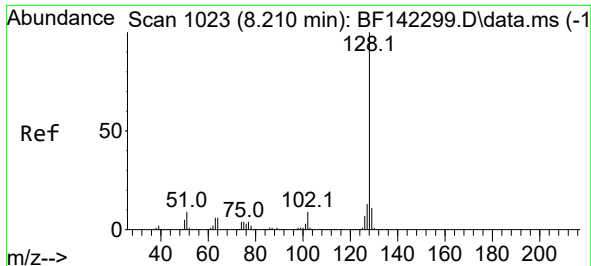
Ion Ratio Lower Upper

180 100

182 94.7 76.2 114.4

145 31.5 25.8 38.6





#31

Naphthalene

Concen: 42.228 ng

RT: 8.210 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142313.D

Acq: 12 May 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB167936BS

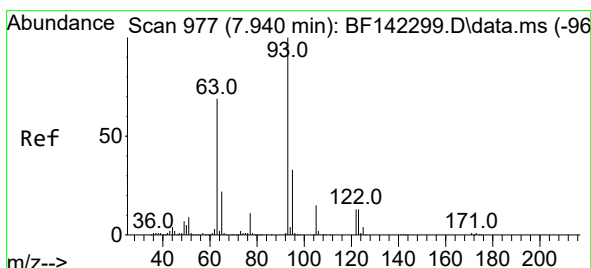
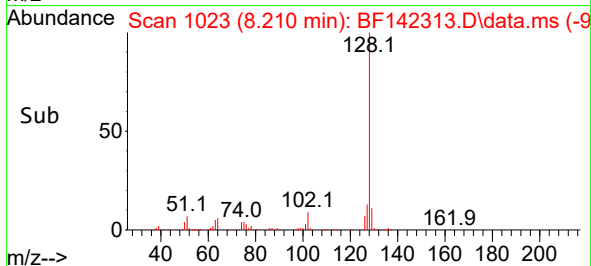
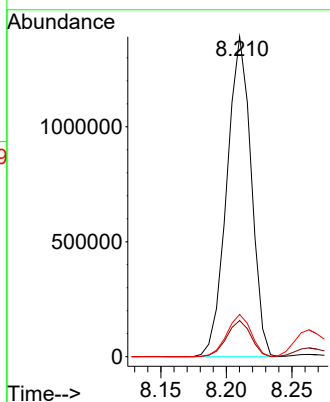
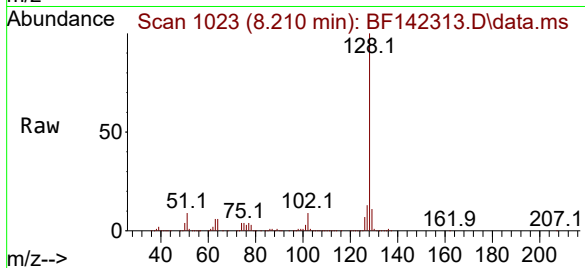
Tgt Ion:128 Resp: 1799844

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

127 13.2 10.5 15.7



#32

Benzoic acid

Concen: 42.770 ng m

RT: 7.957 min Scan# 980

Delta R.T. 0.017 min

Lab File: BF142313.D

Acq: 12 May 2025 11:45

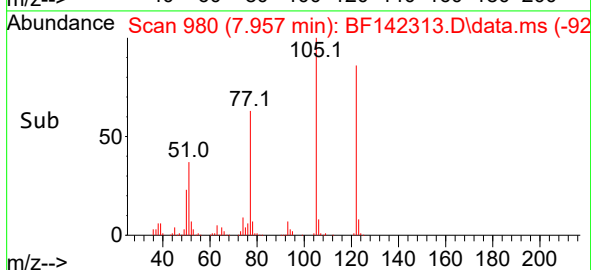
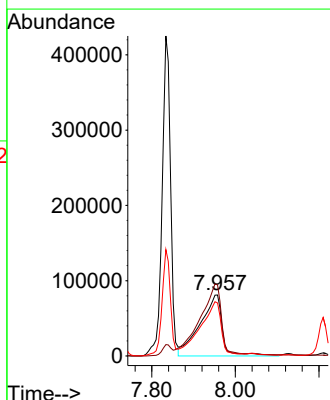
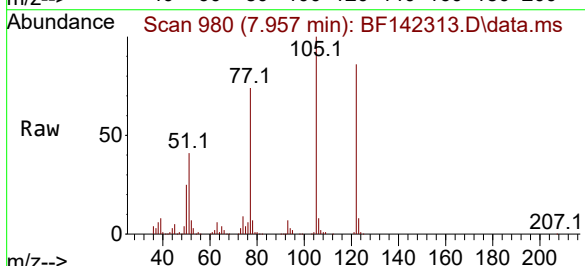
Tgt Ion:122 Resp: 303727

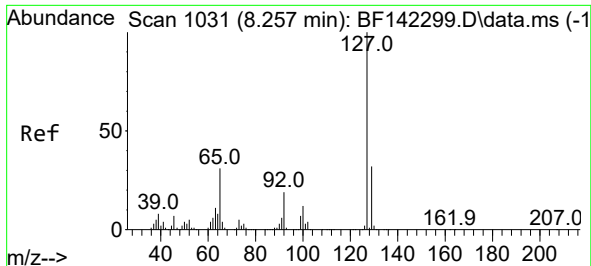
Ion Ratio Lower Upper

122 100

105 116.6 97.9 137.9

77 86.9 67.7 107.7



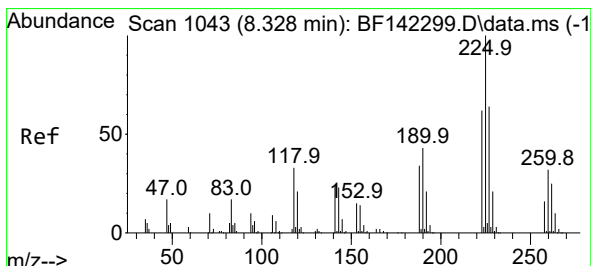
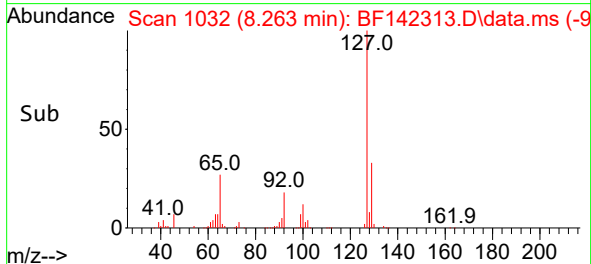
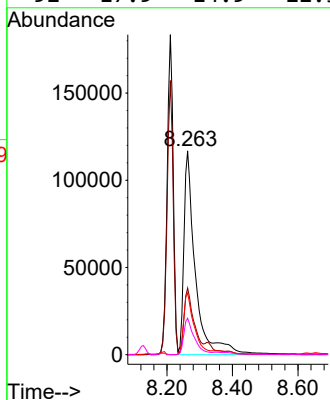
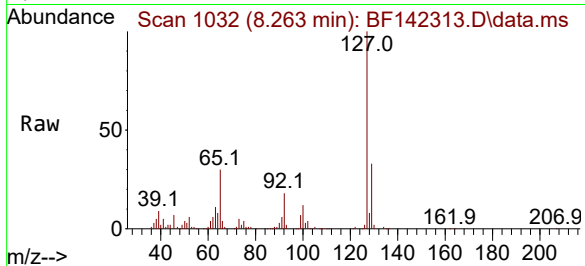


#33
4-Chloroaniline
Concen: 16.590 ng m
RT: 8.263 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Instrument :
BNA_F
ClientSampleId :
PB167936BS

Tgt Ion:127 Resp: 288525

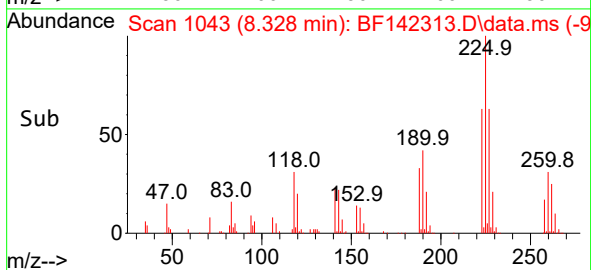
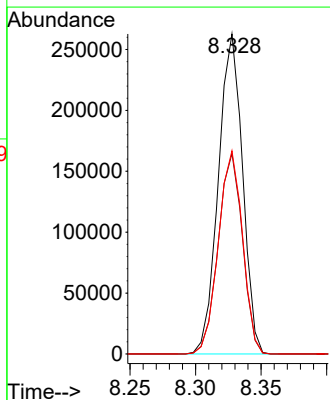
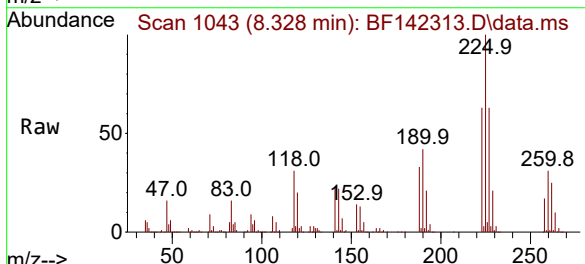
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.7	38.5
65	30.3	24.9	37.3
92	17.9	14.9	22.3

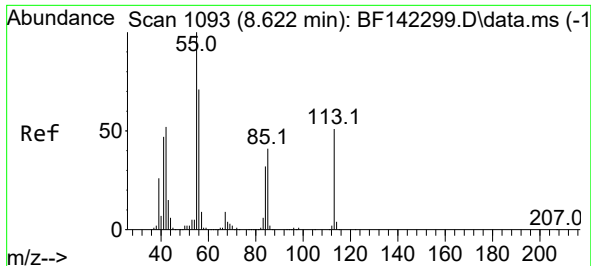


#34
Hexachlorobutadiene
Concen: 43.252 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Tgt Ion:225 Resp: 336424

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.6
227	63.5	50.9	76.3

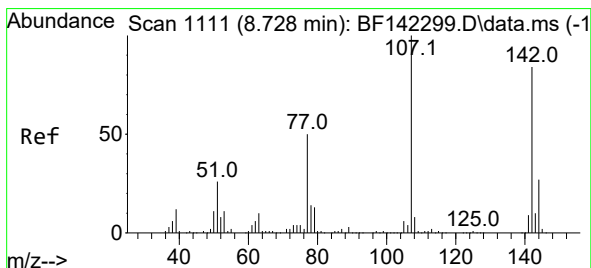
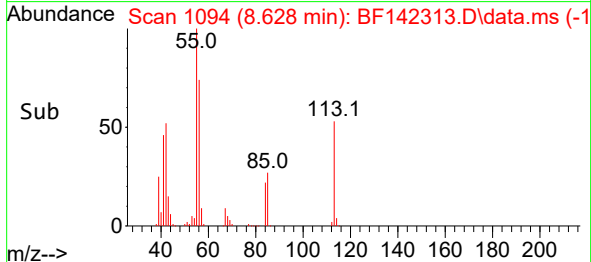
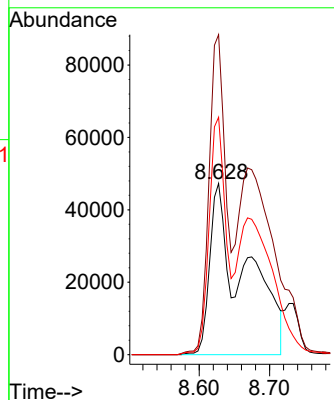
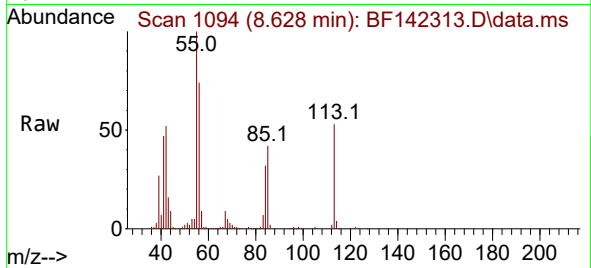




#35
Caprolactam
Concen: 47.841 ng m
RT: 8.628 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

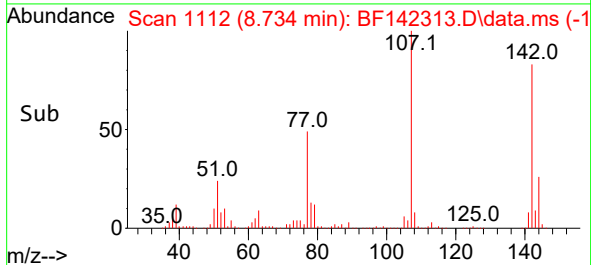
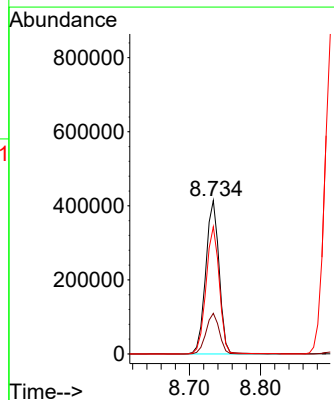
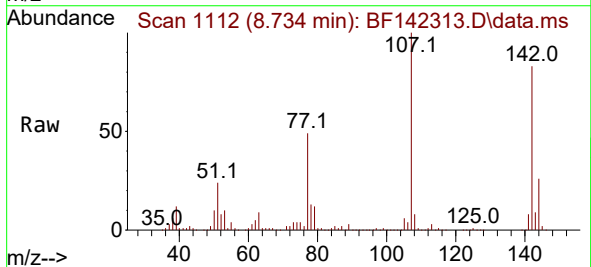
Instrument :
BNA_F
ClientSampleId :
PB167936BS

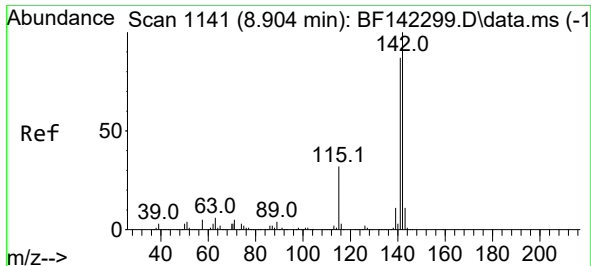
Tgt Ion:113 Resp: 162741
Ion Ratio Lower Upper
113 100
55 187.0 176.4 216.4
56 138.7 120.3 160.3



#36
4-Chloro-3-methylphenol
Concen: 45.048 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Tgt Ion:107 Resp: 546571
Ion Ratio Lower Upper
107 100
144 26.4 21.3 31.9
142 82.9 66.9 100.3

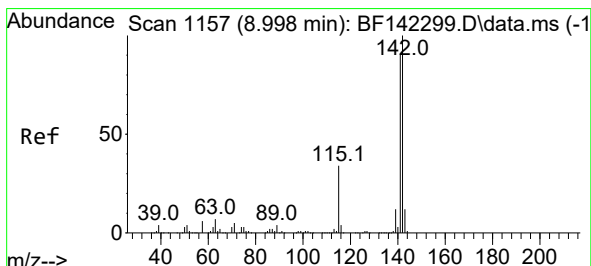
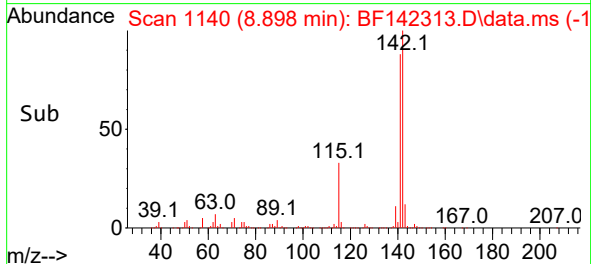
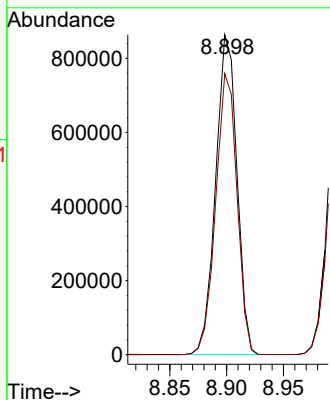
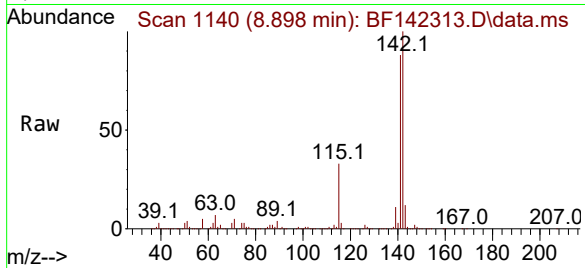




#37
2-Methylnaphthalene
Concen: 42.494 ng
RT: 8.898 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

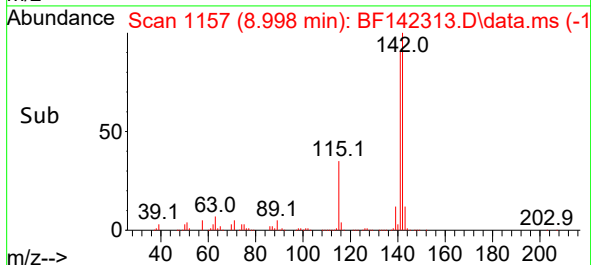
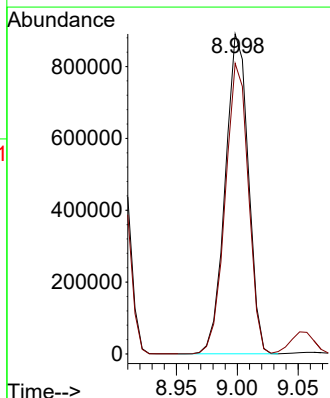
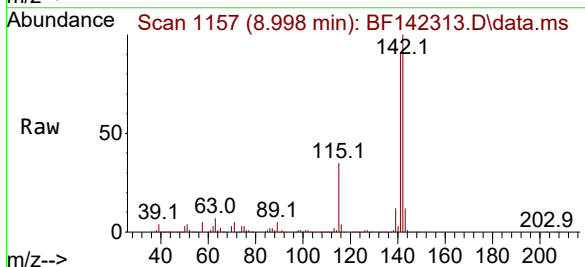
Instrument :
BNA_F
ClientSampleId :
PB167936BS

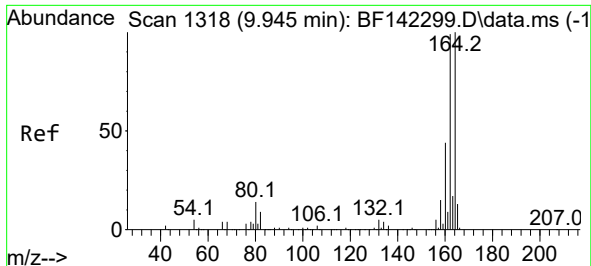
Tgt Ion:142 Resp: 1125420
Ion Ratio Lower Upper
142 100
141 87.9 69.4 104.2



#38
1-Methylnaphthalene
Concen: 42.466 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Tgt Ion:142 Resp: 1172233
Ion Ratio Lower Upper
142 100
141 90.8 72.5 108.7

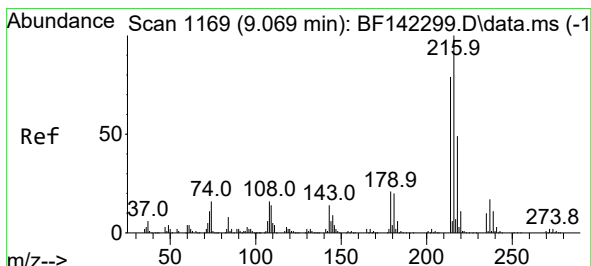
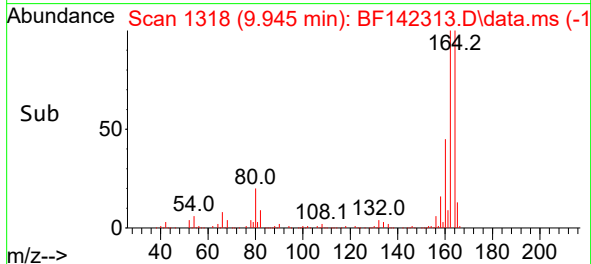
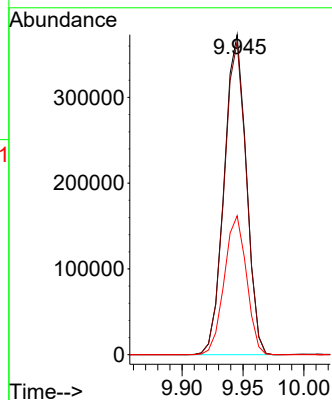
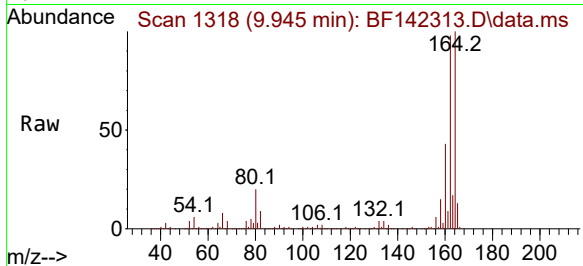




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

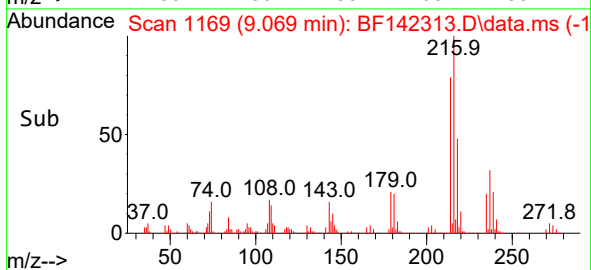
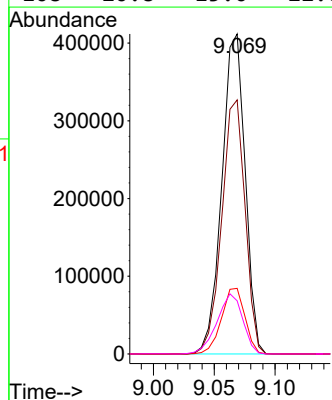
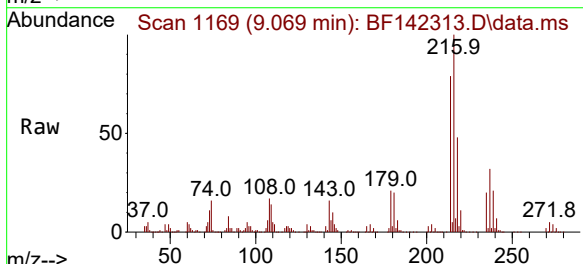
Instrument :
BNA_F
ClientSampleId :
PB167936BS

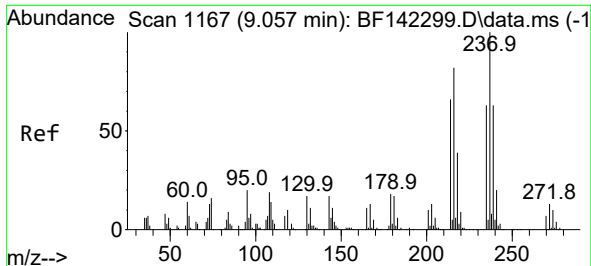
Tgt Ion:164 Resp: 472310
Ion Ratio Lower Upper
164 100
162 97.7 79.2 118.8
160 43.4 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.525 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

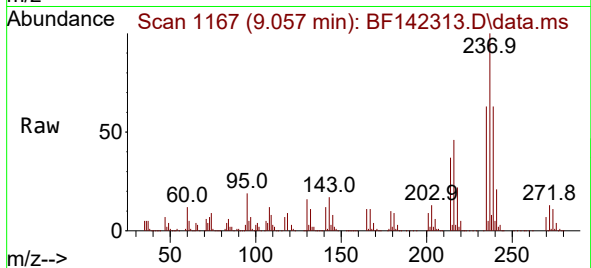
Tgt Ion:216 Resp: 547769
Ion Ratio Lower Upper
216 100
214 79.5 63.8 95.6
179 20.7 17.0 25.6
108 20.8 15.0 22.6



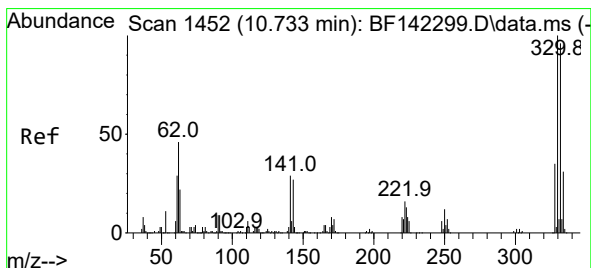
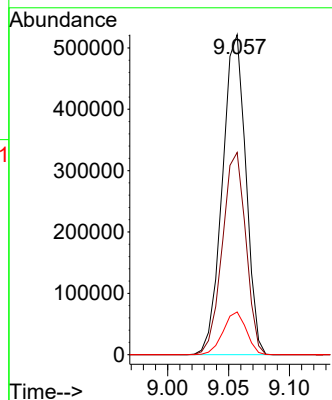
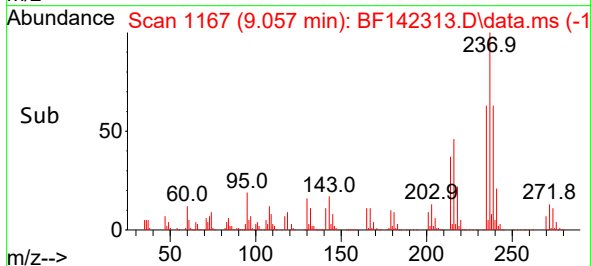


#41
Hexachlorocyclopentadiene
Concen: 85.571 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

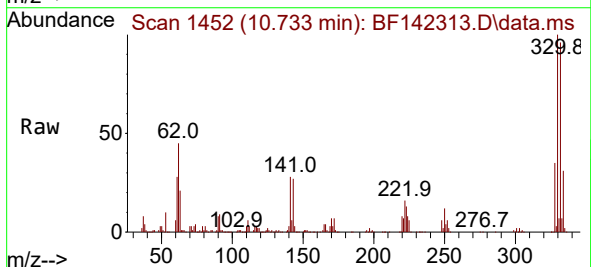
Instrument :
BNA_F
ClientSampleId :
PB167936BS



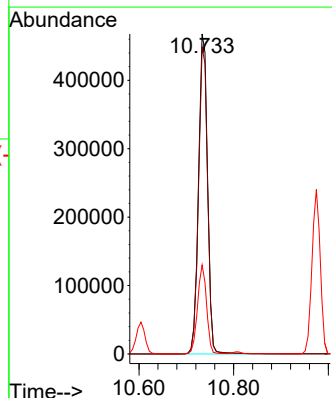
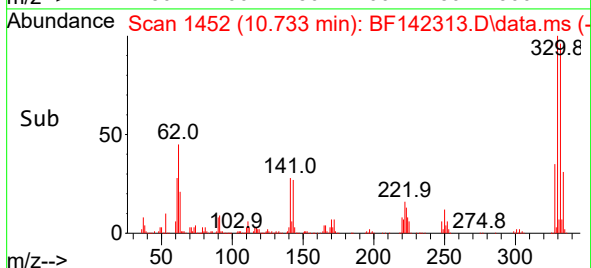
Tgt Ion:237 Resp: 697613
Ion Ratio Lower Upper
237 100
235 63.2 42.8 82.8
272 13.4 0.0 33.0

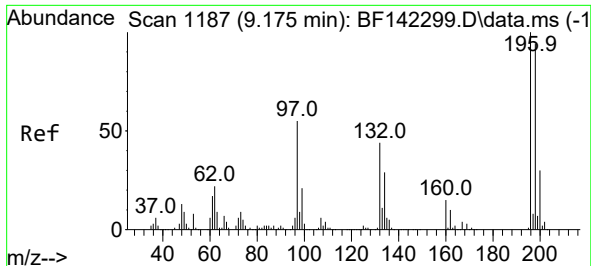


#42
2,4,6-Tribromophenol
Concen: 136.046 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45



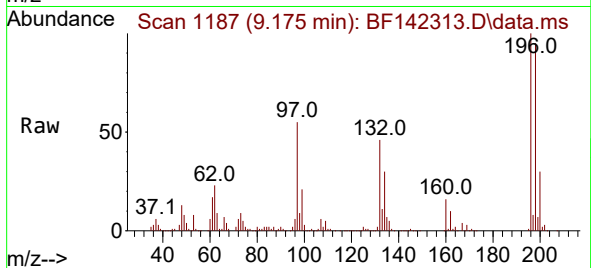
Tgt Ion:330 Resp: 620379
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 27.8 24.9 37.3



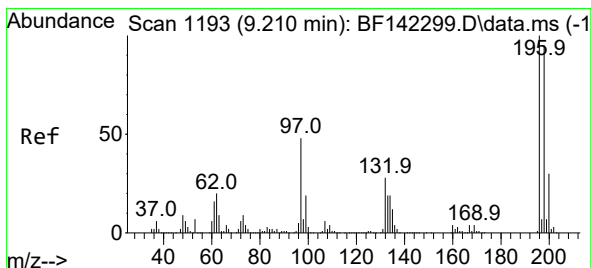
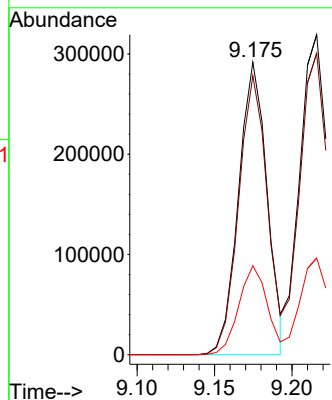
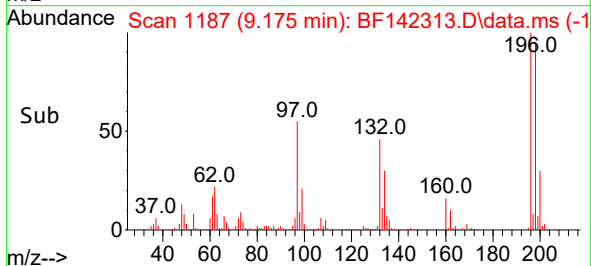


#43
 2,4,6-Trichlorophenol
 Concen: 44.944 ng
 RT: 9.175 min Scan# 1187
 Delta R.T. -0.000 min
 Lab File: BF142313.D
 Acq: 12 May 2025 11:45

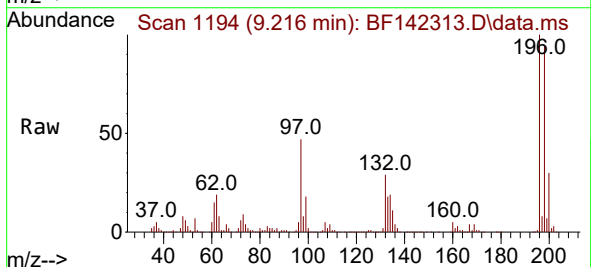
Instrument :
 BNA_F
 ClientSampleId :
 PB167936BS



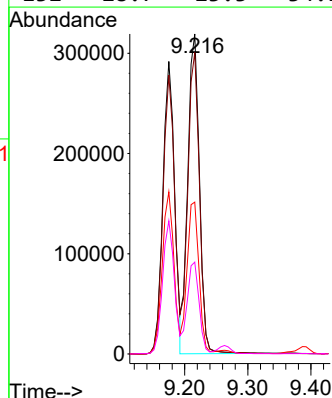
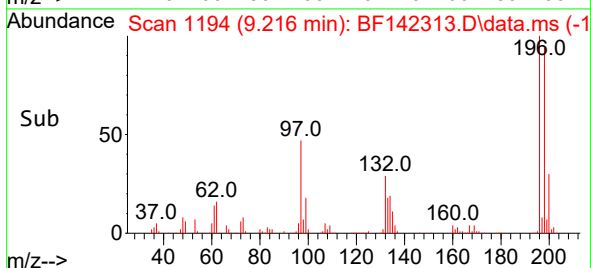
Tgt Ion:196 Resp: 373963
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.4 113.0
 200 30.4 24.3 36.5

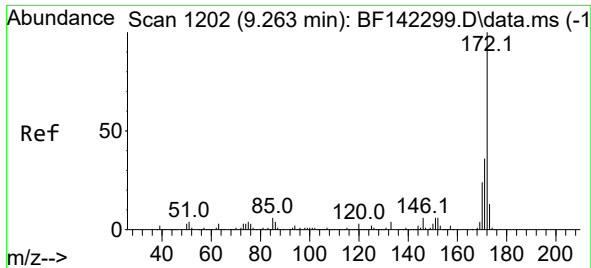


#44
 2,4,5-Trichlorophenol
 Concen: 46.605 ng
 RT: 9.216 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: BF142313.D
 Acq: 12 May 2025 11:45



Tgt Ion:196 Resp: 412598
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.1 114.1
 97 47.5 39.0 58.4
 132 28.7 23.3 34.9

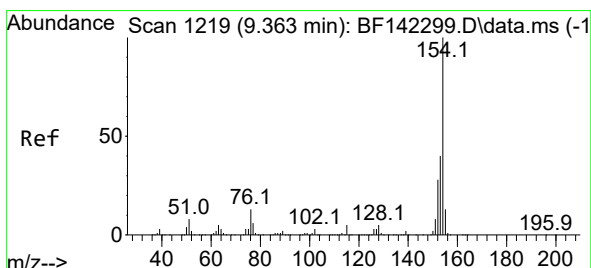
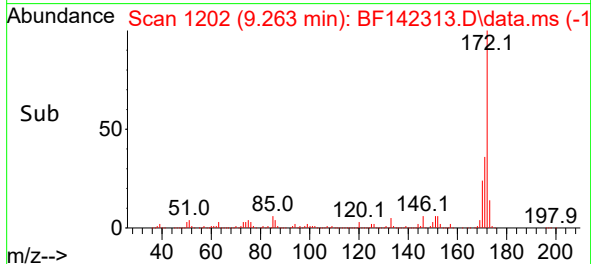
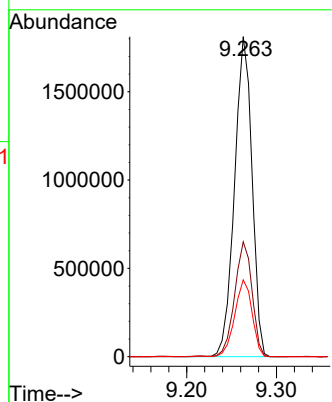
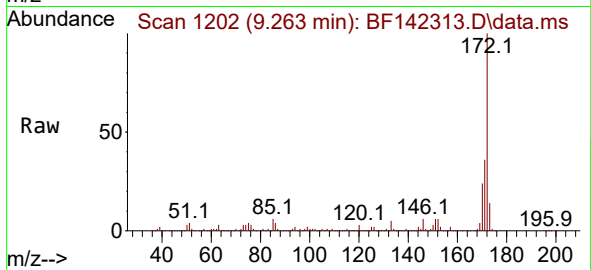




#45
2-Fluorobiphenyl
Concen: 73.935 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

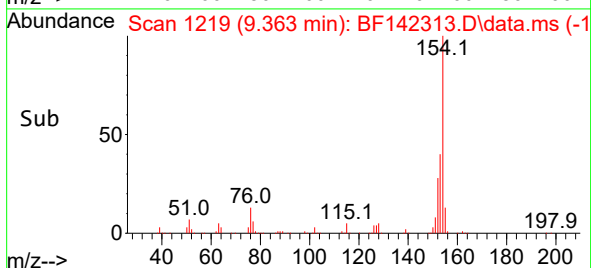
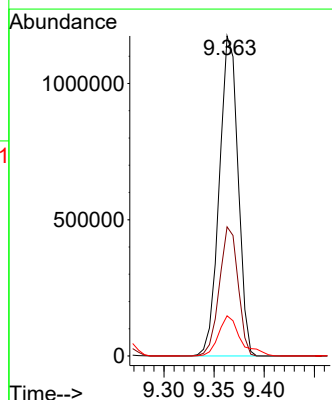
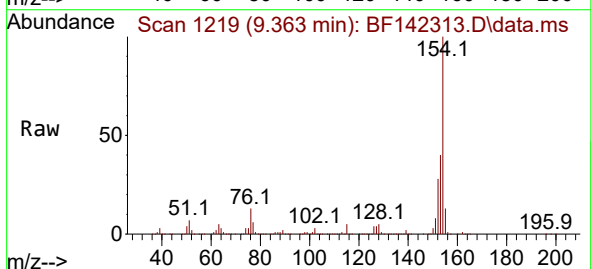
Instrument :
BNA_F
ClientSampleId :
PB167936BS

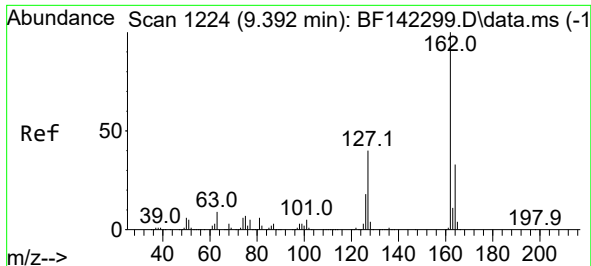
Tgt Ion:172 Resp: 2449042
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 24.0 19.0 28.4



#46
1,1'-Biphenyl
Concen: 42.073 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Tgt Ion:154 Resp: 1523641
Ion Ratio Lower Upper
154 100
153 40.3 20.5 60.5
76 12.5 0.0 32.8

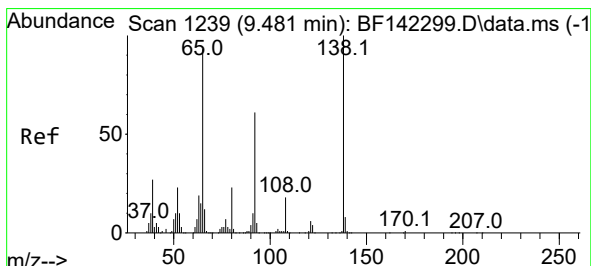
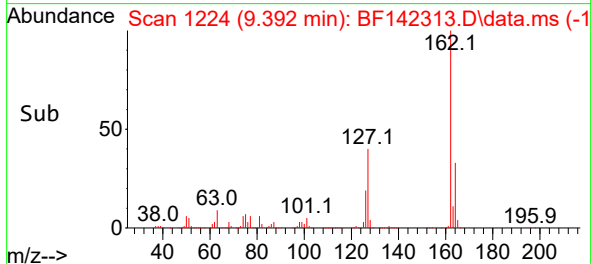
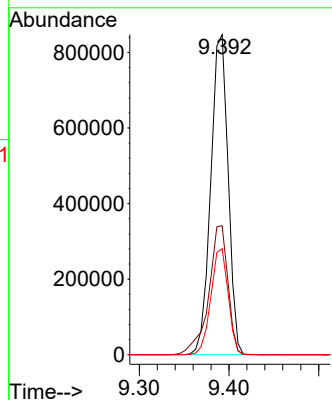
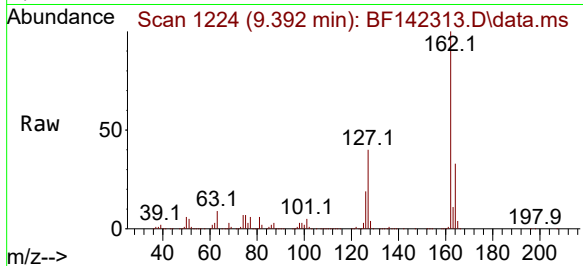




#47
2-Chloronaphthalene
Concen: 42.211 ng
RT: 9.392 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

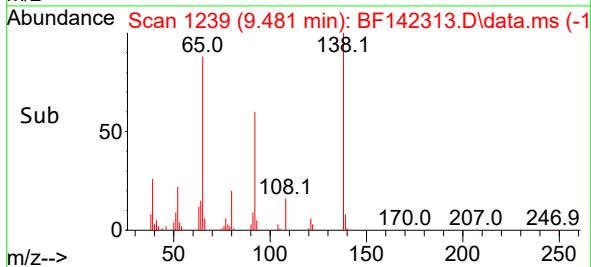
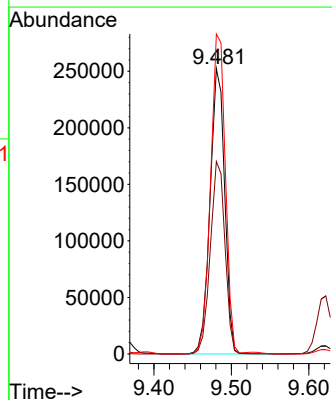
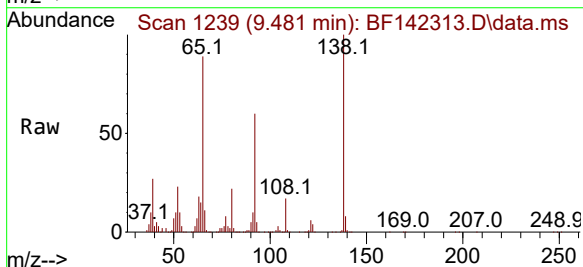
Instrument :
BNA_F
ClientSampleId :
PB167936BS

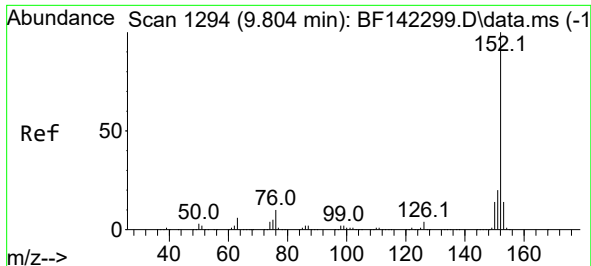
Tgt Ion:162 Resp: 1136806
Ion Ratio Lower Upper
162 100
127 40.3 32.3 48.5
164 33.1 26.6 40.0



#48
2-Nitroaniline
Concen: 48.008 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

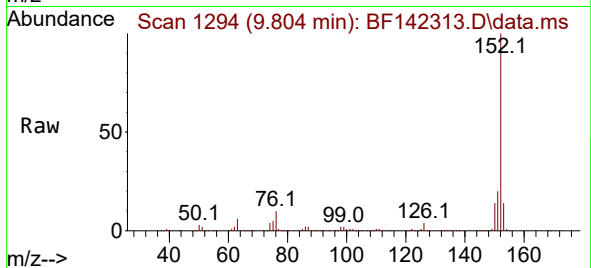
Tgt Ion: 65 Resp: 331404
Ion Ratio Lower Upper
65 100
92 67.5 52.3 78.5
138 112.1 85.6 128.4



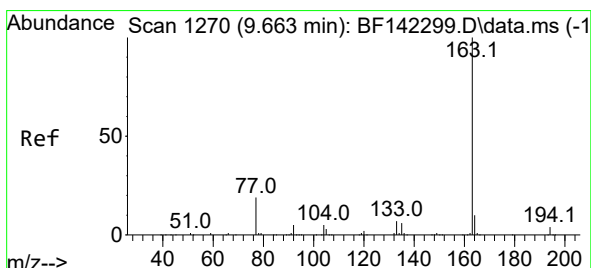
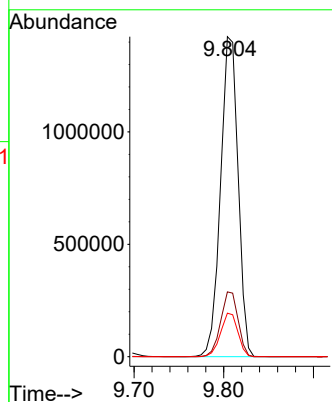
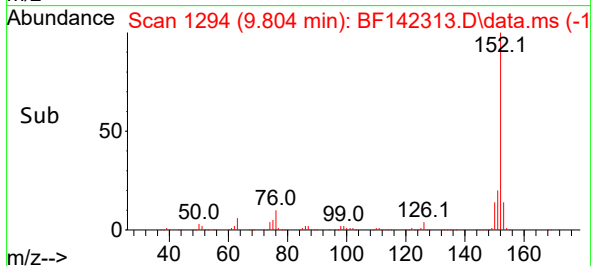


#49
Acenaphthylene
Concen: 42.891 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

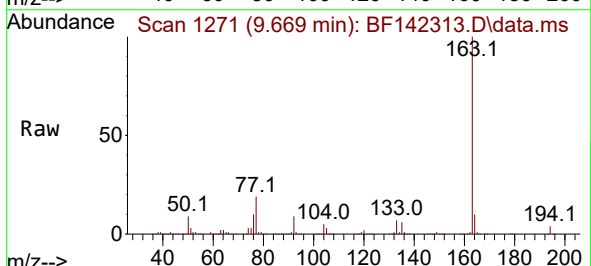
Instrument :
BNA_F
ClientSampleId :
PB167936BS



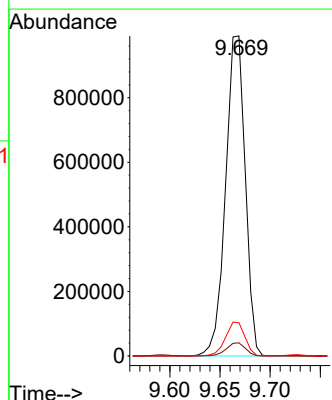
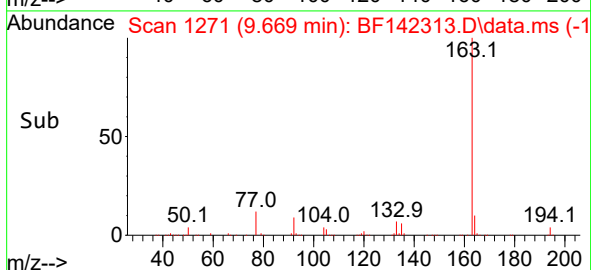
Tgt Ion:152 Resp: 1932359
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.6 10.8 16.2

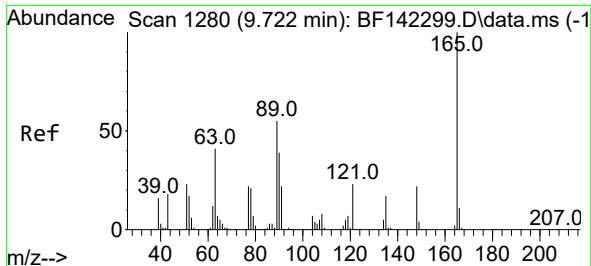


#50
Dimethylphthalate
Concen: 44.458 ng
RT: 9.669 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45



Tgt Ion:163 Resp: 1348331
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.4 8.3 12.5

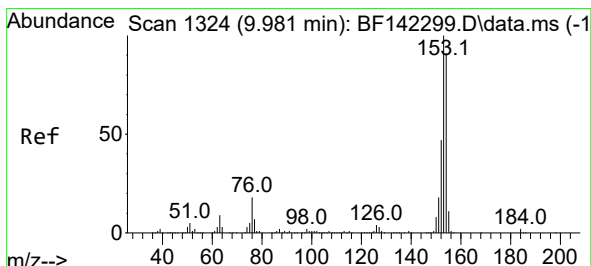
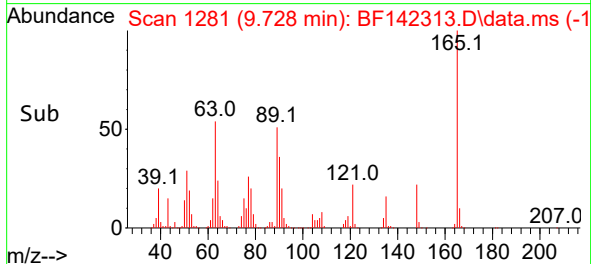
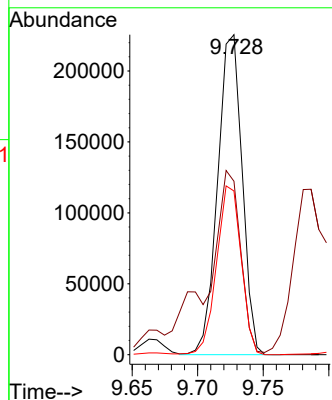
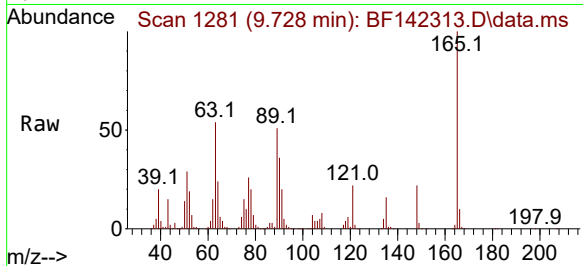




#51
2,6-Dinitrotoluene
Concen: 51.615 ng
RT: 9.728 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

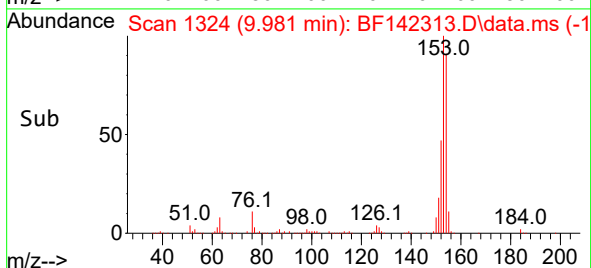
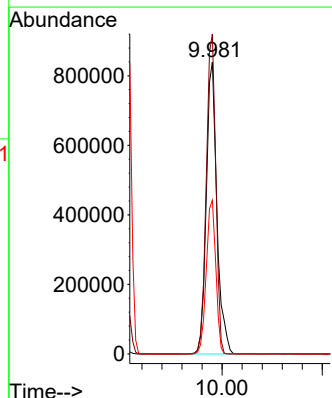
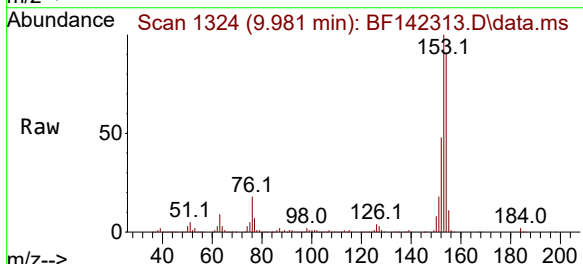
Instrument :
BNA_F
ClientSampleId :
PB167936BS

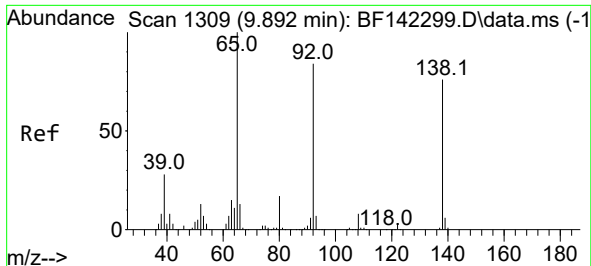
Tgt Ion:165 Resp: 293013
Ion Ratio Lower Upper
165 100
63 54.2 49.5 74.3
89 51.1 44.6 66.8



#52
Acenaphthene
Concen: 45.616 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Tgt Ion:154 Resp: 1235707
Ion Ratio Lower Upper
154 100
153 109.6 88.0 132.0
152 52.6 41.6 62.4

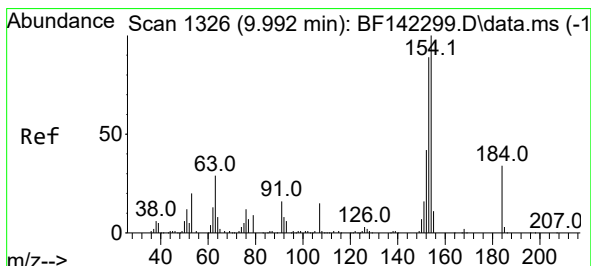
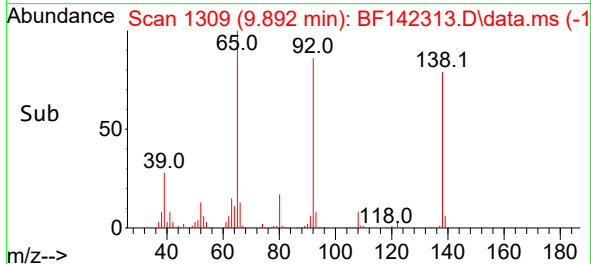
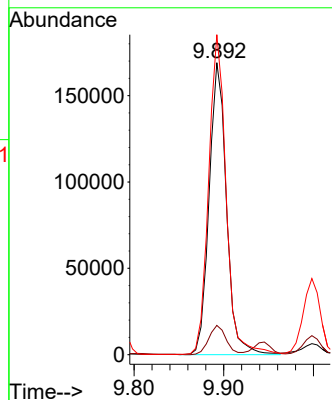
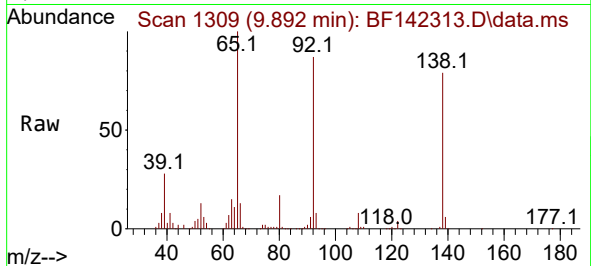




#53
3-Nitroaniline
Concen: 34.143 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

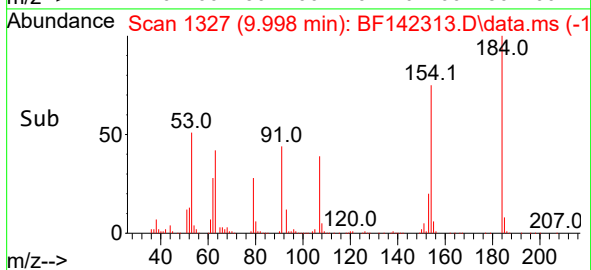
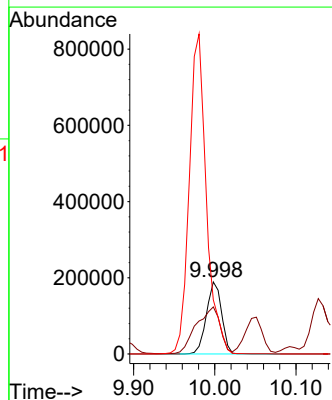
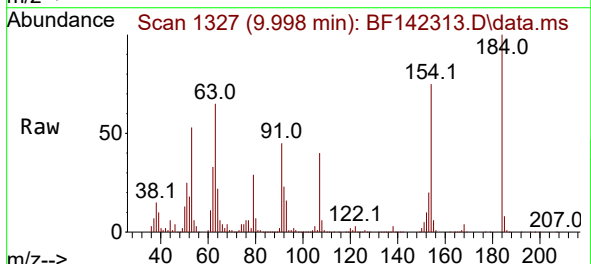
Instrument :
BNA_F
ClientSampleId :
PB167936BS

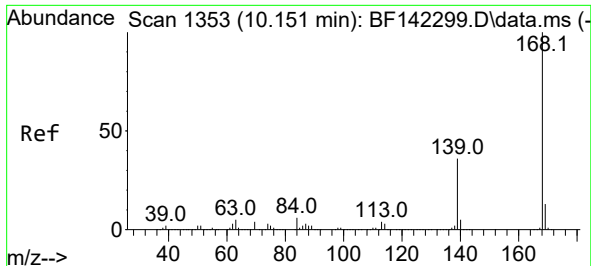
Tgt Ion:138 Resp: 227322
Ion Ratio Lower Upper
138 100
108 10.1 8.7 13.1
92 109.6 89.5 134.3



#54
2,4-Dinitrophenol
Concen: 82.443 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Tgt Ion:184 Resp: 245621
Ion Ratio Lower Upper
184 100
63 65.4 70.6 105.8#
154 75.0 257.2 385.8#

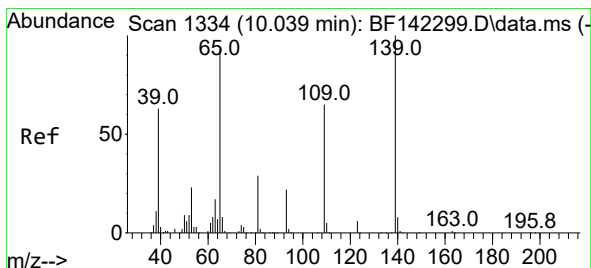
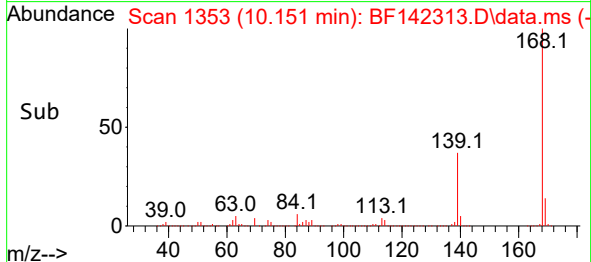
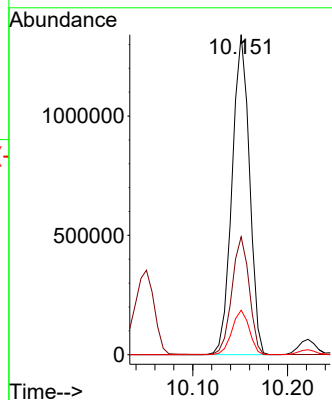
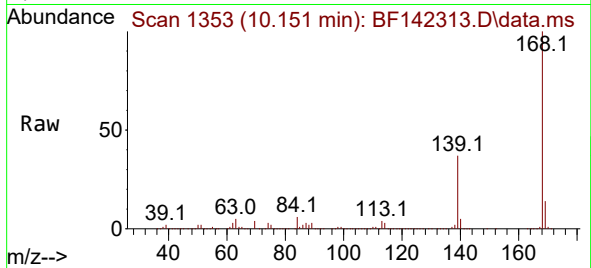




#55
Dibenzofuran
Concen: 42.760 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

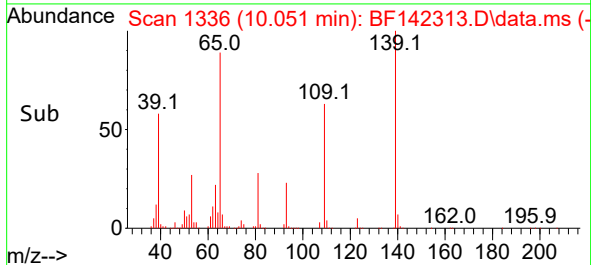
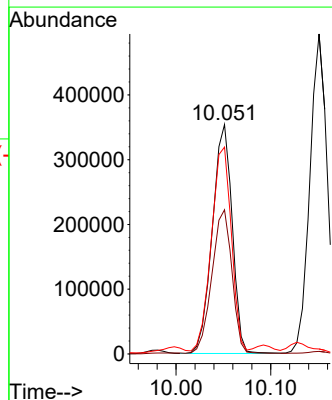
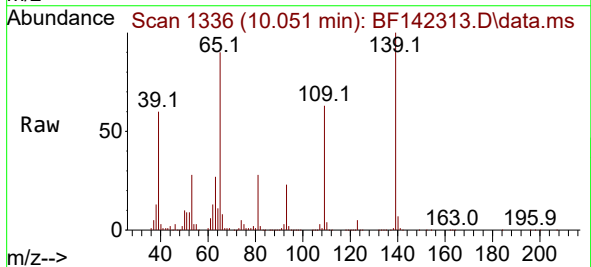
Instrument :
BNA_F
ClientSampleId :
PB167936BS

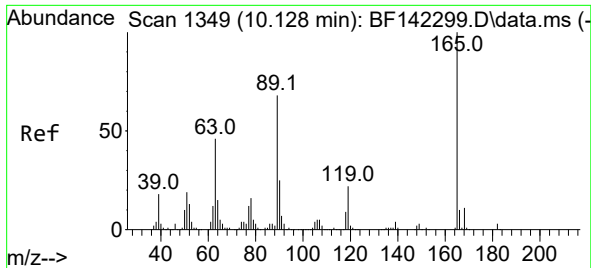
Tgt Ion:168 Resp: 1709528
Ion Ratio Lower Upper
168 100
139 36.9 29.0 43.4
169 13.9 10.7 16.1



#56
4-Nitrophenol
Concen: 103.017 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Tgt Ion:139 Resp: 516208
Ion Ratio Lower Upper
139 100
109 62.8 45.3 85.3
65 90.2 73.9 113.9

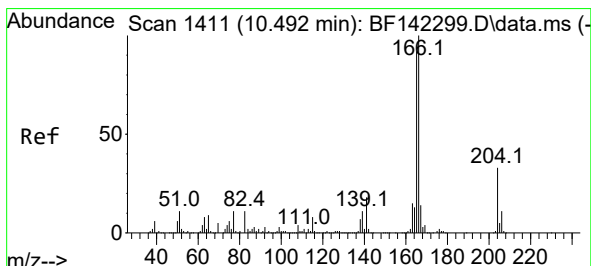
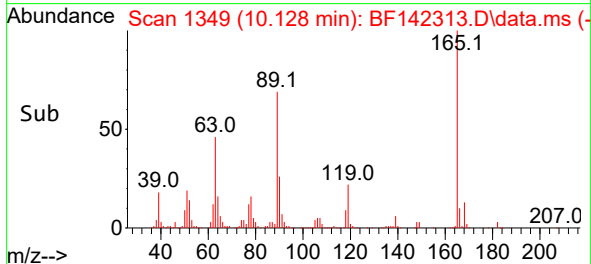
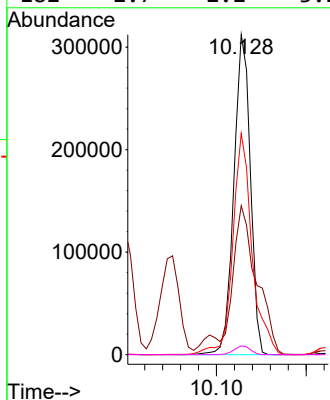
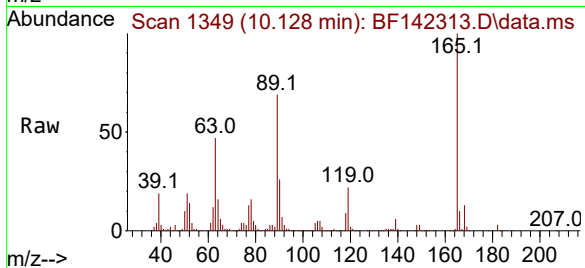




#57
2,4-Dinitrotoluene
Concen: 54.639 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

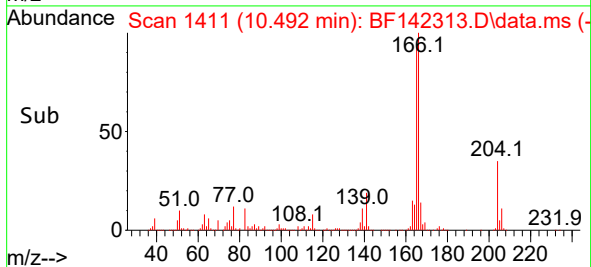
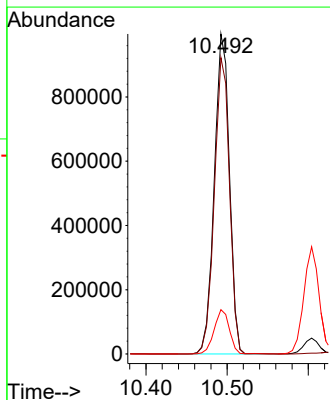
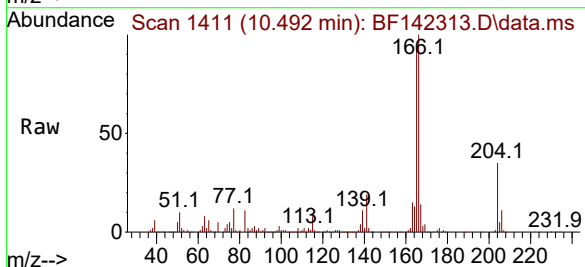
Instrument :
BNA_F
ClientSampleId :
PB167936BS

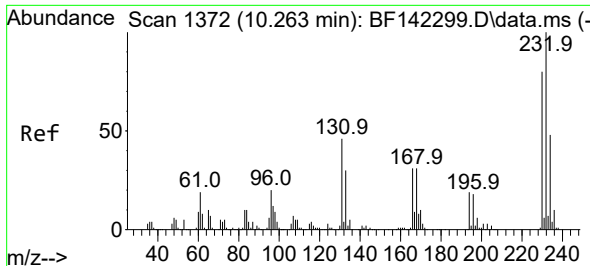
Tgt Ion:165 Resp: 397875
Ion Ratio Lower Upper
165 100
63 46.5 37.1 55.7
89 69.2 54.4 81.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 42.329 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Tgt Ion:166 Resp: 1291474
Ion Ratio Lower Upper
166 100
165 92.6 74.0 111.0
167 13.8 10.9 16.3

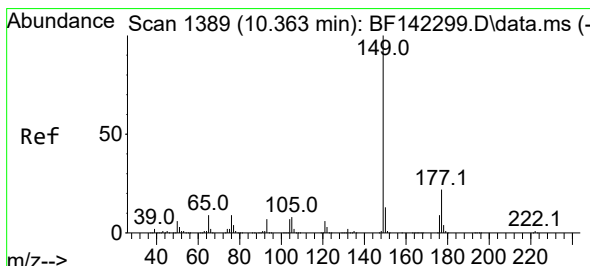
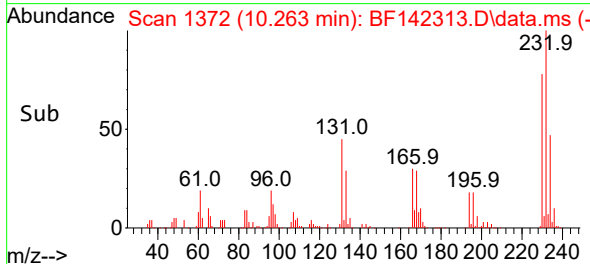
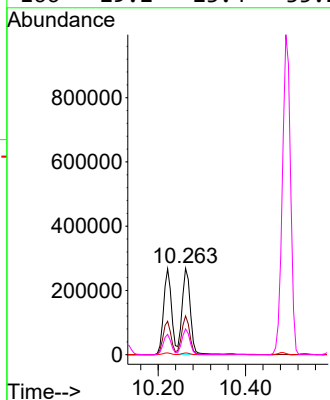
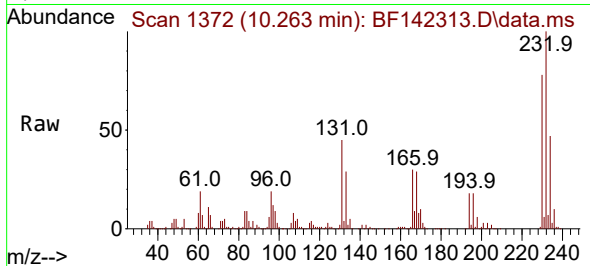




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.141 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

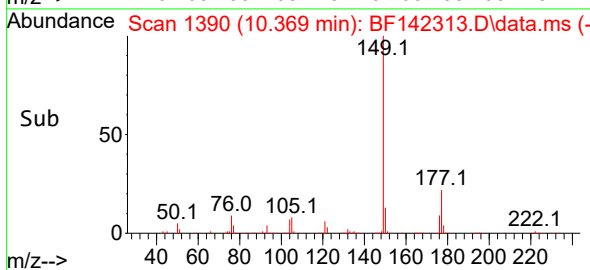
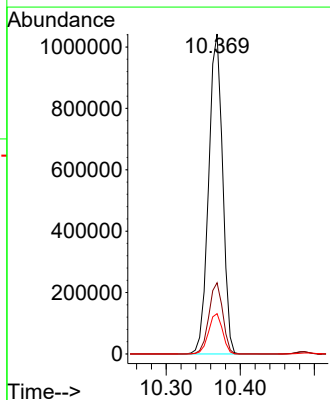
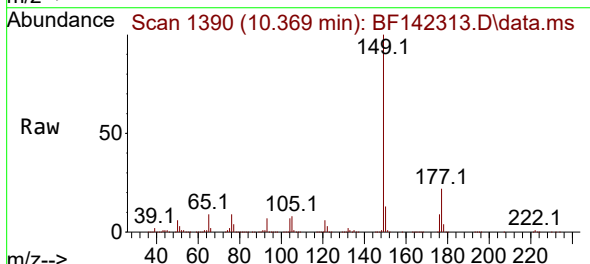
Instrument :
BNA_F
ClientSampleId :
PB167936BS

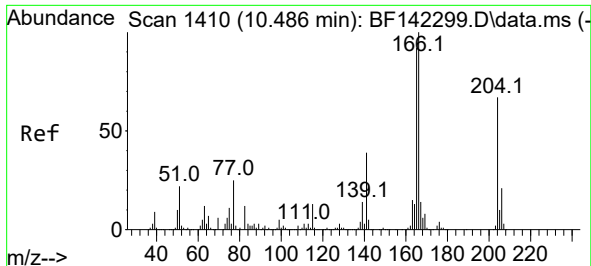
Tgt Ion:232 Resp: 344523
Ion Ratio Lower Upper
232 100
131 44.9 36.0 54.0
130 2.1 1.8 2.6
166 29.2 23.4 35.2



#60
Diethylphthalate
Concen: 44.963 ng
RT: 10.369 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Tgt Ion:149 Resp: 1361818
Ion Ratio Lower Upper
149 100
177 22.3 17.6 26.4
150 12.6 10.1 15.1

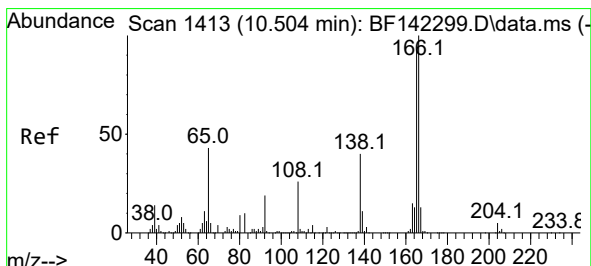
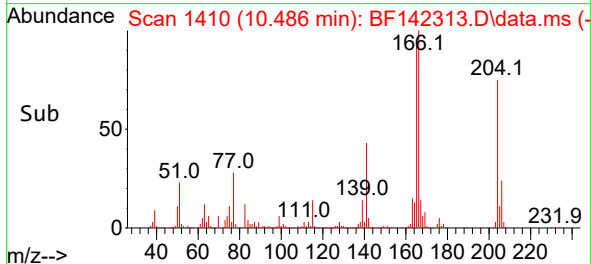
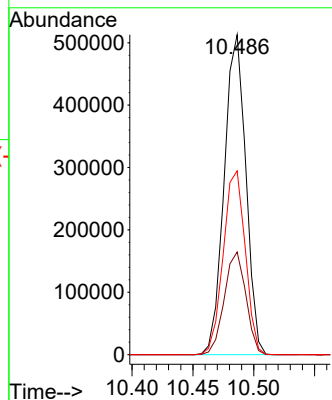
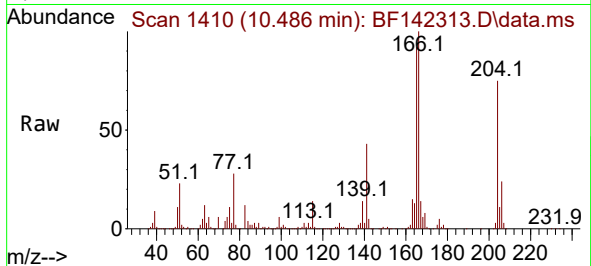




#61
4-Chlorophenyl-phenylether
Concen: 43.063 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

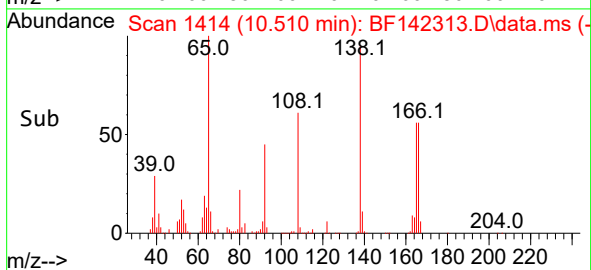
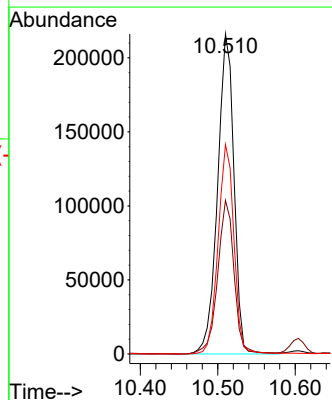
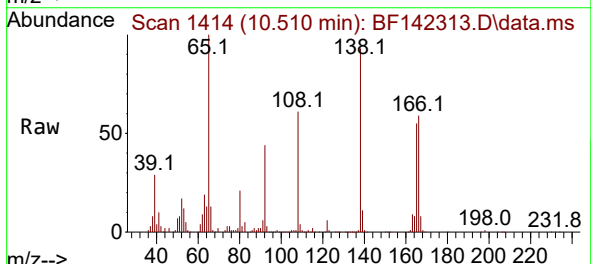
Instrument :
BNA_F
ClientSampleId :
PB167936BS

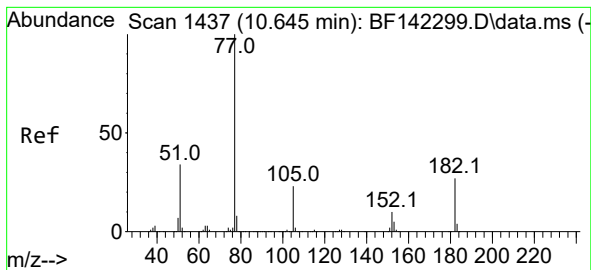
Tgt Ion:204 Resp: 633883
Ion Ratio Lower Upper
204 100
206 32.1 25.5 38.3
141 57.4 46.4 69.6



#62
4-Nitroaniline
Concen: 60.237 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Tgt Ion:138 Resp: 317866
Ion Ratio Lower Upper
138 100
92 48.0 27.3 67.3
108 65.5 45.1 85.1





#63

Azobenzene

Concen: 44.199 ng

RT: 10.645 min Scan# 1437

Delta R.T. -0.000 min

Lab File: BF142313.D

Acq: 12 May 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB167936BS

Tgt Ion: 77 Resp: 1279227

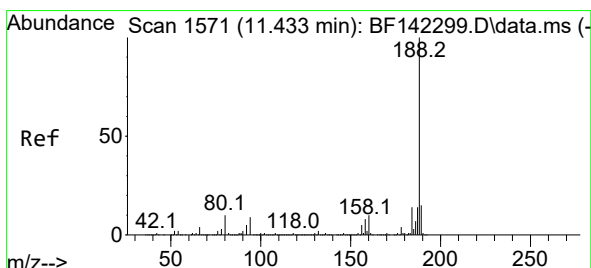
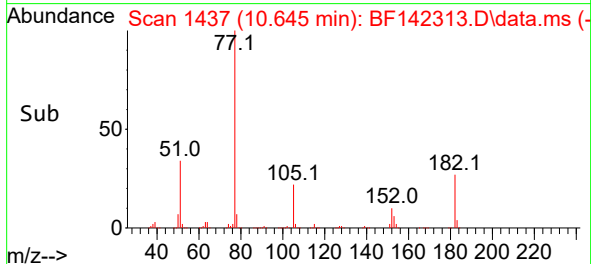
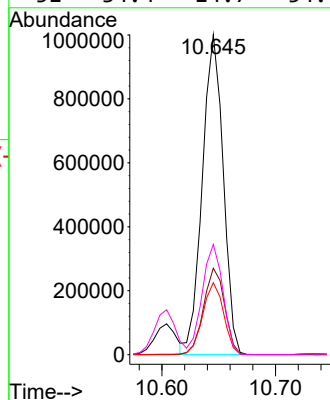
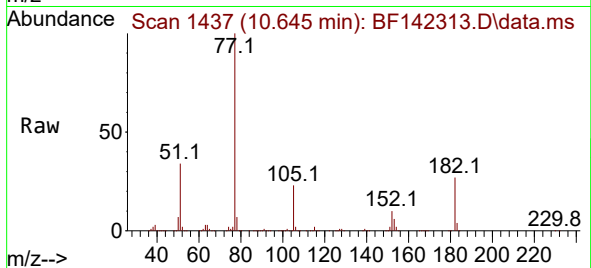
Ion Ratio Lower Upper

77 100

182 27.0 6.9 46.9

105 22.5 2.7 42.7

51 34.4 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.000 min

Lab File: BF142313.D

Acq: 12 May 2025 11:45

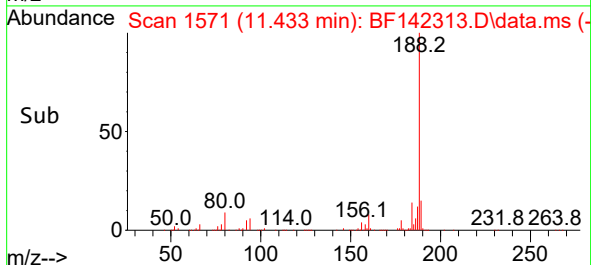
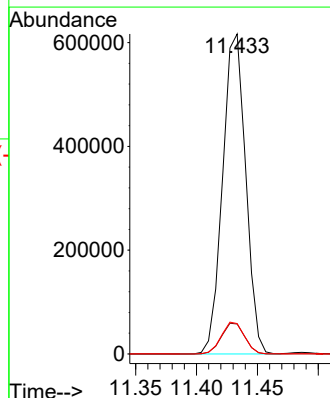
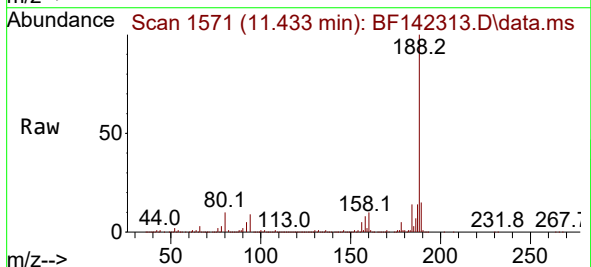
Tgt Ion: 188 Resp: 813922

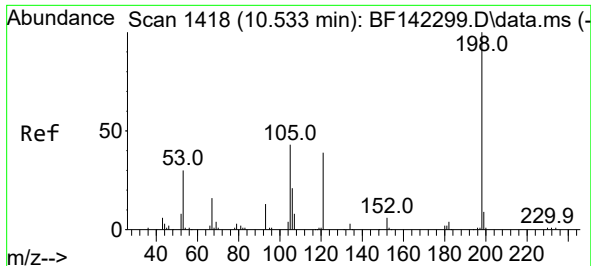
Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

80 9.5 7.9 11.9

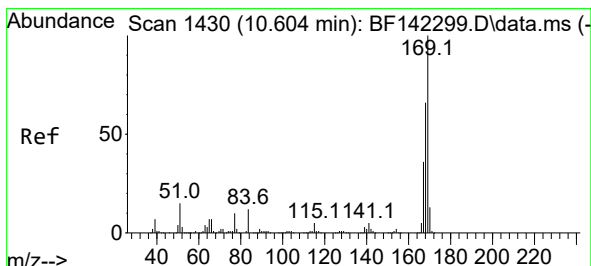
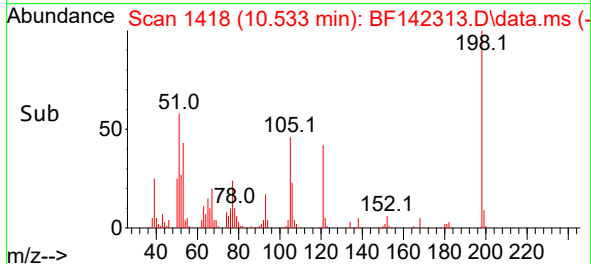
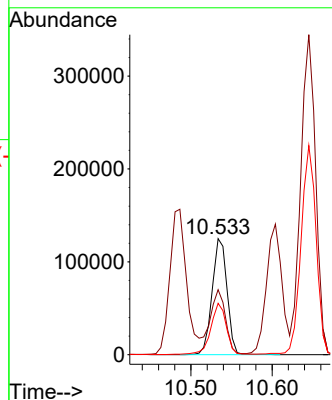
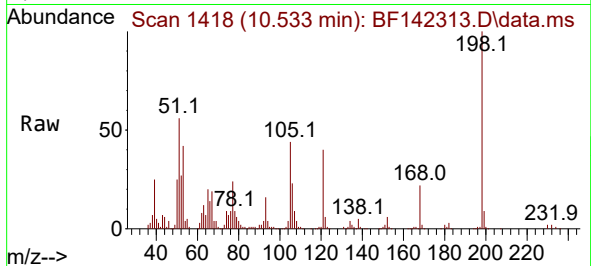




#65
4,6-Dinitro-2-methylphenol
Concen: 42.775 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

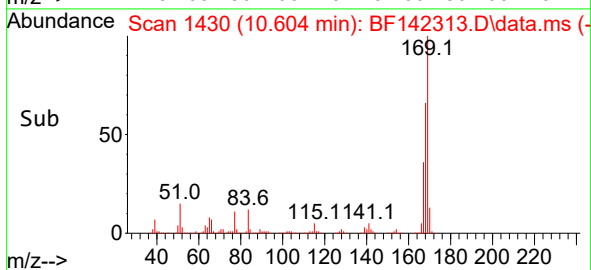
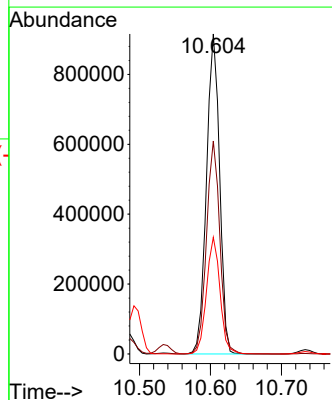
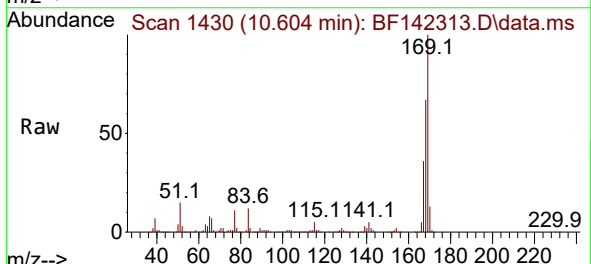
Instrument :
BNA_F
ClientSampleId :
PB167936BS

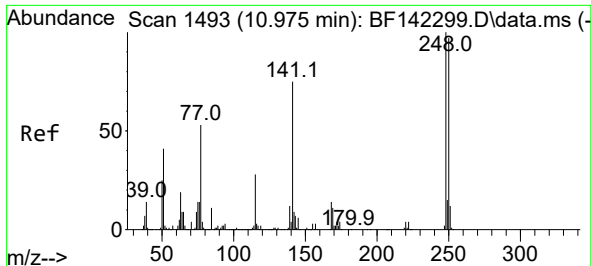
Tgt Ion:198 Resp: 158803
Ion Ratio Lower Upper
198 100
51 56.1 32.9 72.9
105 44.2 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 43.475 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

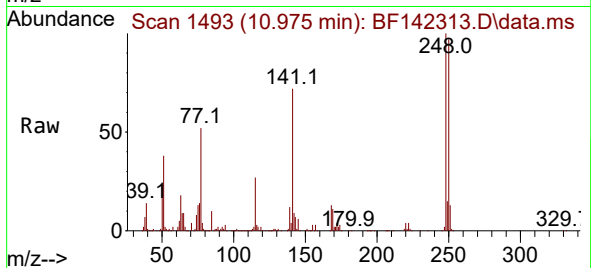
Tgt Ion:169 Resp: 1177489
Ion Ratio Lower Upper
169 100
168 66.6 53.2 79.8
167 36.4 28.9 43.3



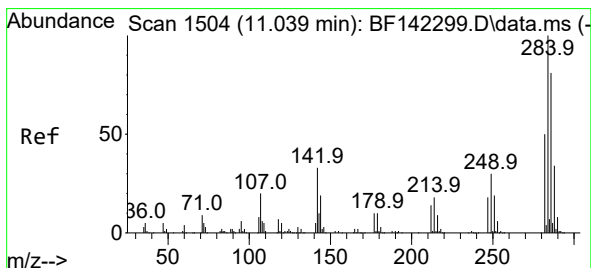
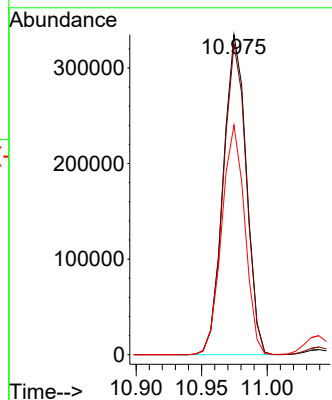
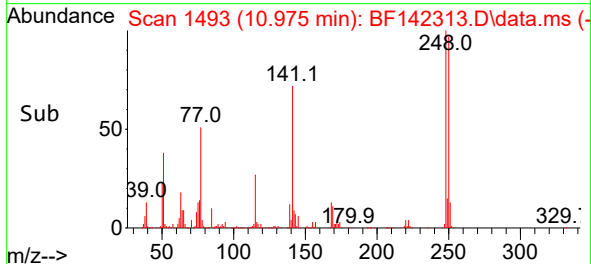


#67
4-Bromophenyl-phenylether
Concen: 44.488 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

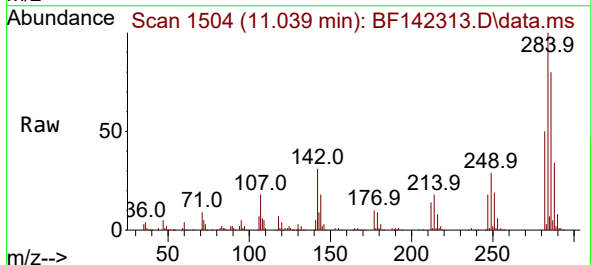
Instrument :
BNA_F
ClientSampleId :
PB167936BS



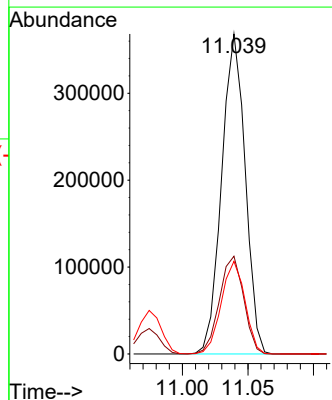
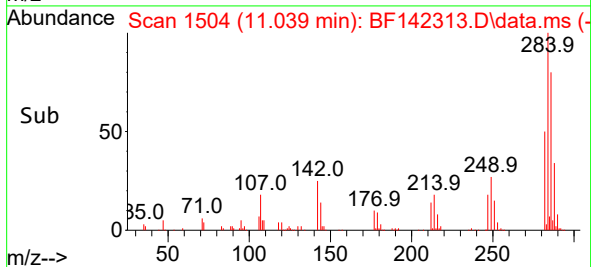
Tgt Ion:248 Resp: 410377
Ion Ratio Lower Upper
248 100
250 97.1 77.9 116.9
141 71.8 59.8 89.8

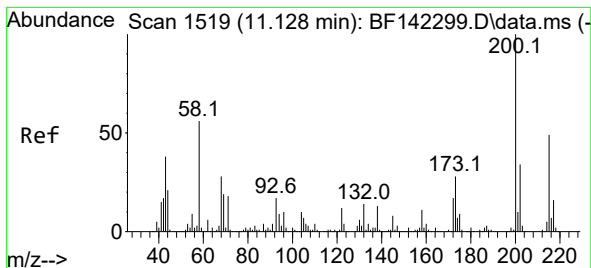


#68
Hexachlorobenzene
Concen: 45.314 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45



Tgt Ion:284 Resp: 459790
Ion Ratio Lower Upper
284 100
142 30.5 26.6 39.8
249 28.9 24.1 36.1





#69

Atrazine

Concen: 48.839 ng

RT: 11.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142313.D

Acq: 12 May 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB167936BS

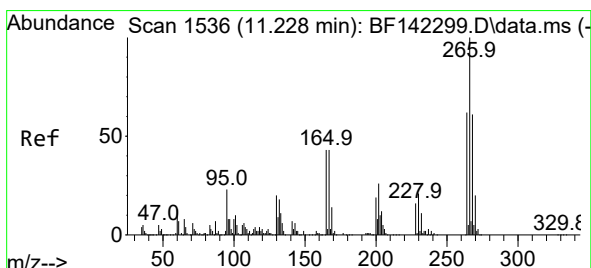
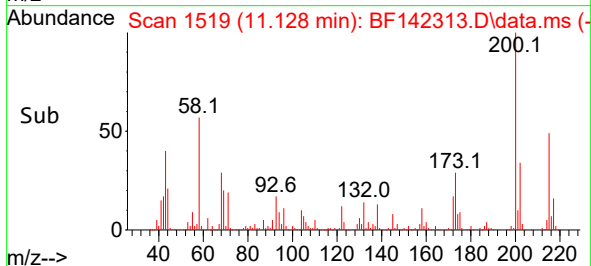
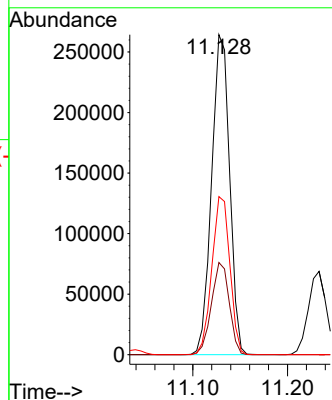
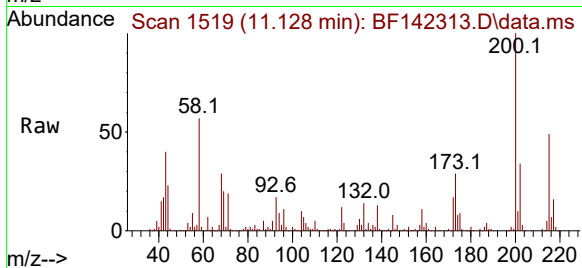
Tgt Ion:200 Resp: 348680

Ion Ratio Lower Upper

200 100

173 28.8 8.1 48.1

215 49.4 28.8 68.8



#70

Pentachlorophenol

Concen: 98.022 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF142313.D

Acq: 12 May 2025 11:45

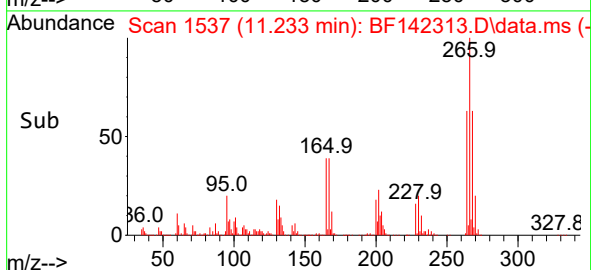
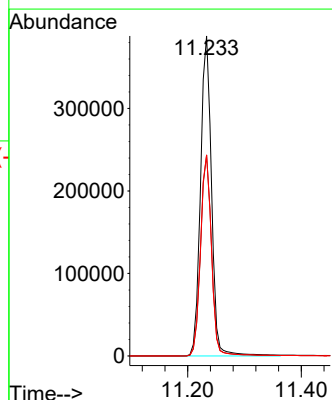
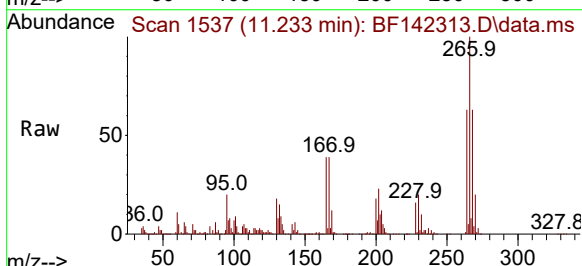
Tgt Ion:266 Resp: 523228

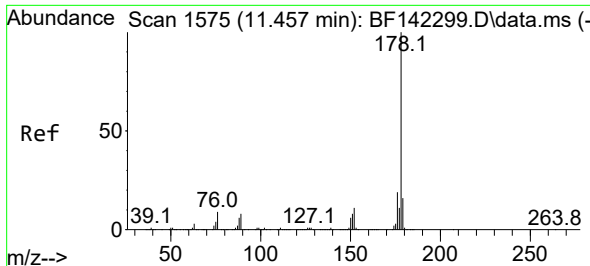
Ion Ratio Lower Upper

266 100

268 62.8 48.7 73.1

264 62.8 49.8 74.6

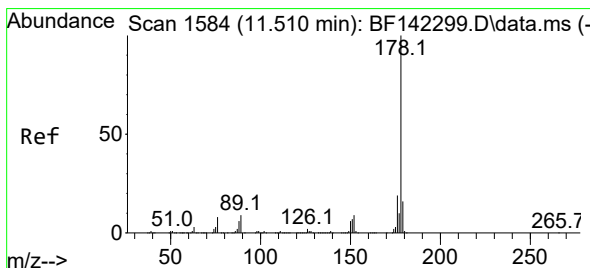
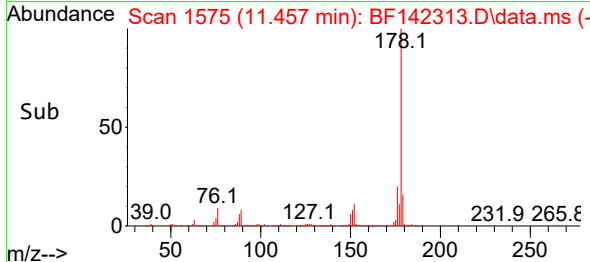
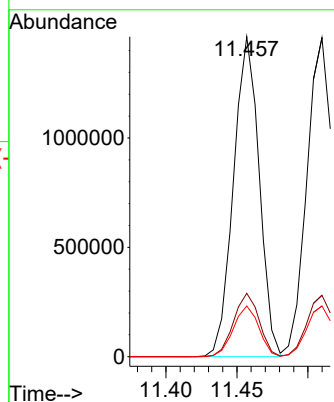
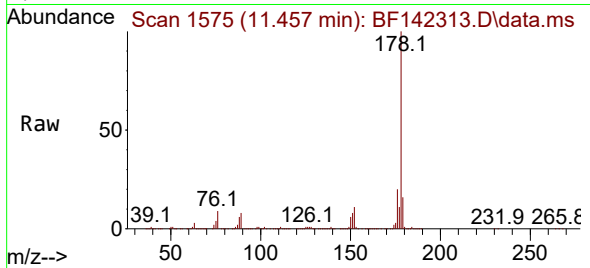




#71
Phenanthrene
Concen: 43.116 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

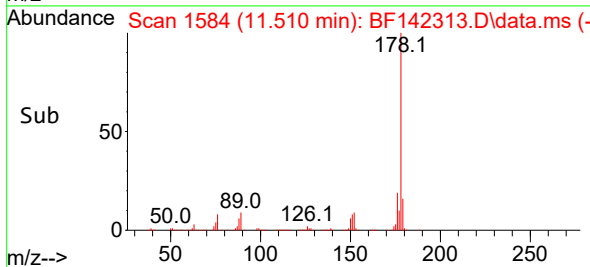
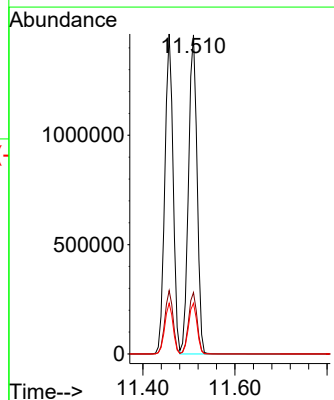
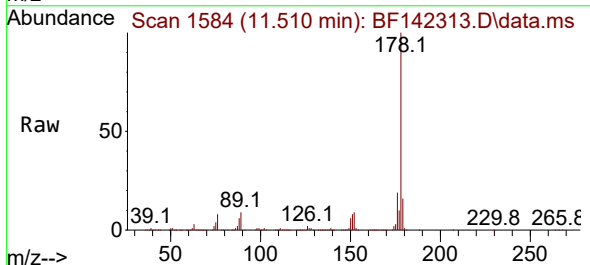
Instrument :
BNA_F
ClientSampleId :
PB167936BS

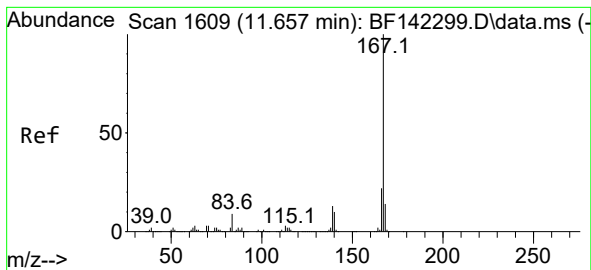
Tgt Ion:178 Resp: 1839476
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.8 12.6 18.8



#72
Anthracene
Concen: 42.630 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Tgt Ion:178 Resp: 1868781
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.9 12.6 18.8





#73

Carbazole

Concen: 43.581 ng

RT: 11.663 min Scan# 1610

Delta R.T. 0.006 min

Lab File: BF142313.D

Acq: 12 May 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB167936BS

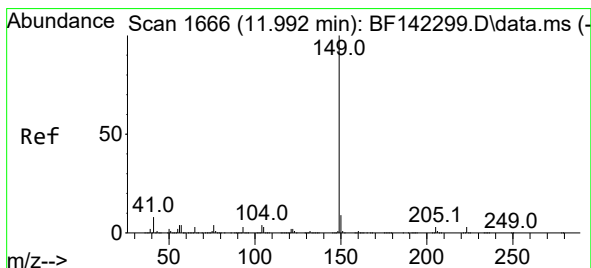
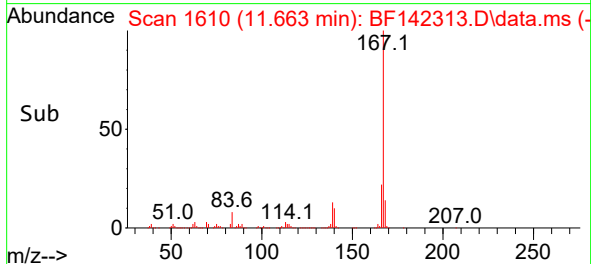
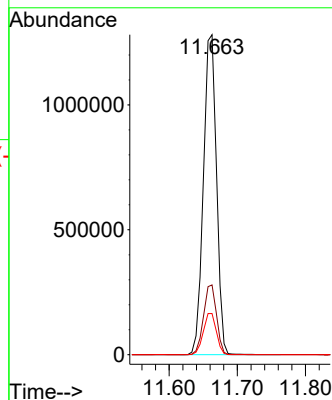
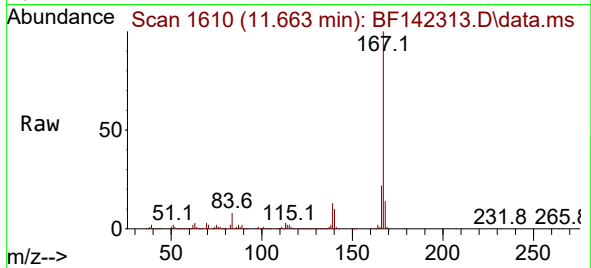
Tgt Ion:167 Resp: 1713989

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

139 12.8 10.3 15.5



#74

Di-n-butylphthalate

Concen: 47.313 ng

RT: 11.992 min Scan# 1666

Delta R.T. -0.000 min

Lab File: BF142313.D

Acq: 12 May 2025 11:45

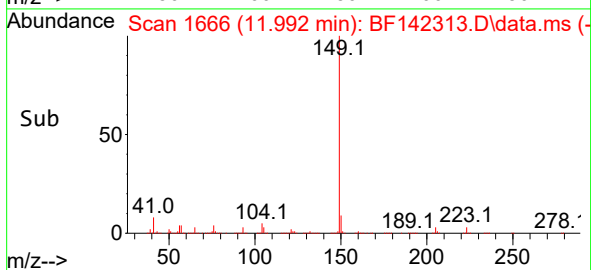
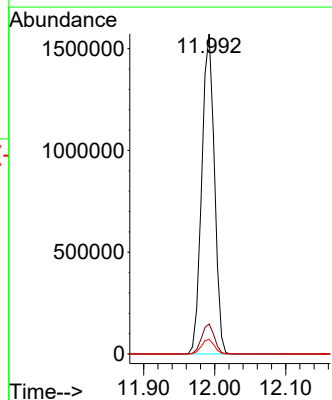
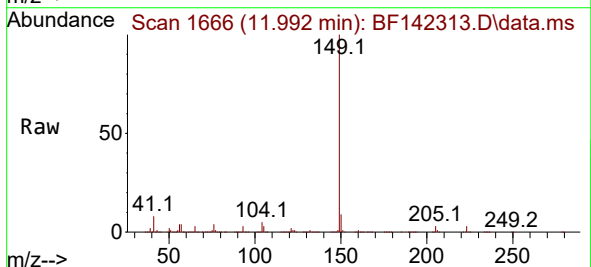
Tgt Ion:149 Resp: 1956675

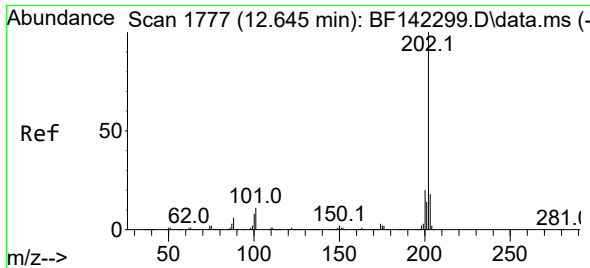
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.6 3.6 5.4

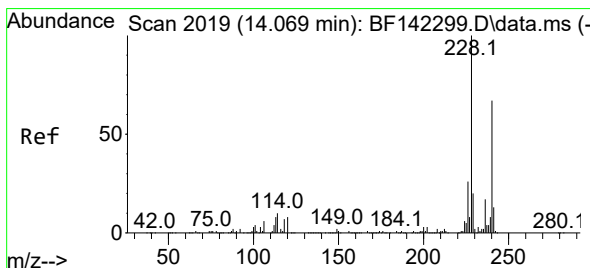
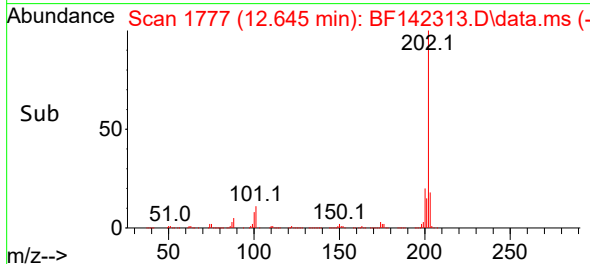
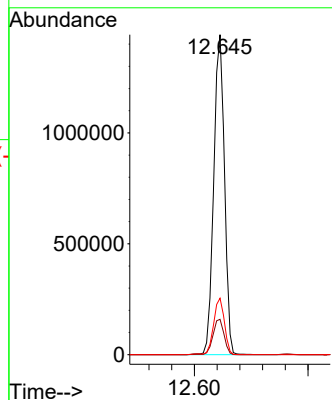
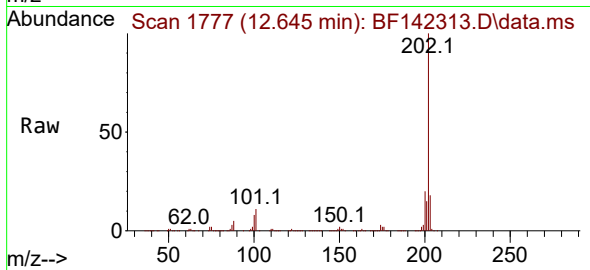




#75
Fluoranthene
Concen: 44.198 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

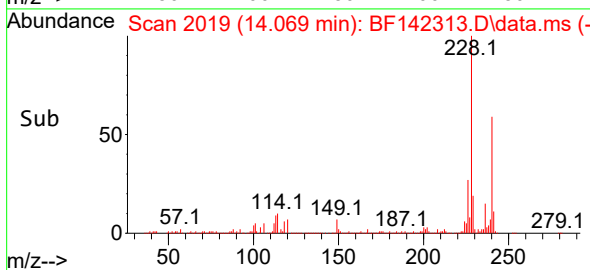
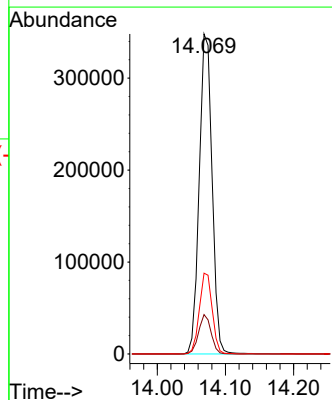
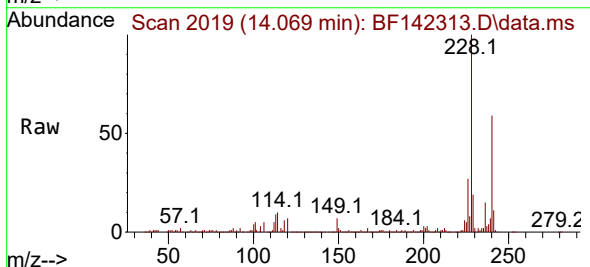
Instrument :
BNA_F
ClientSampleId :
PB167936BS

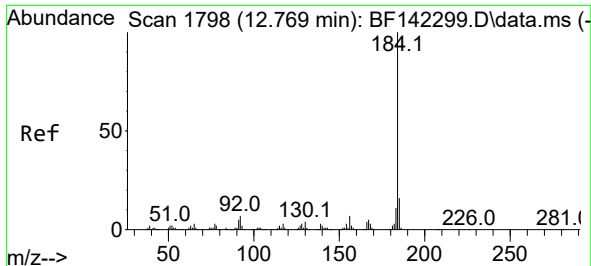
Tgt Ion:202 Resp: 1884939
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.4
203 17.7 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Tgt Ion:240 Resp: 456231
Ion Ratio Lower Upper
240 100
120 12.3 9.7 14.5
236 25.3 20.0 30.0

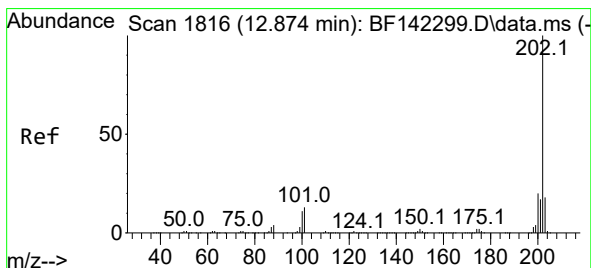
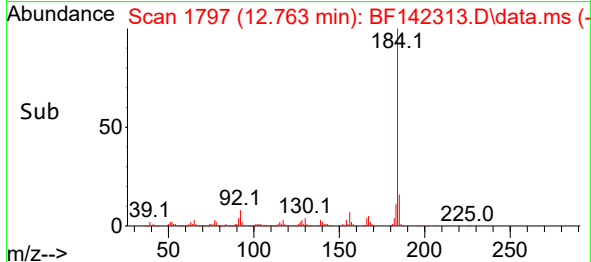
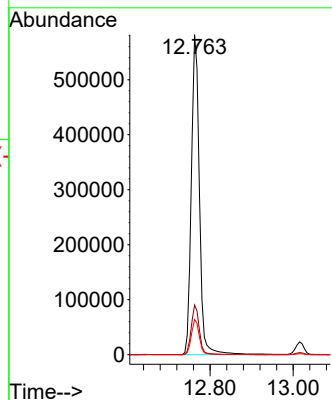
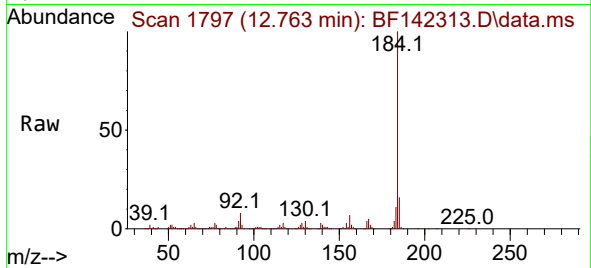




#77
Benzidine
Concen: 94.203 ng
RT: 12.763 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

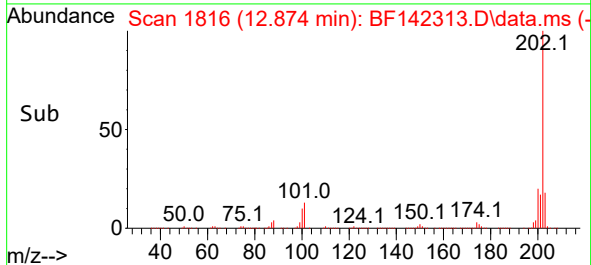
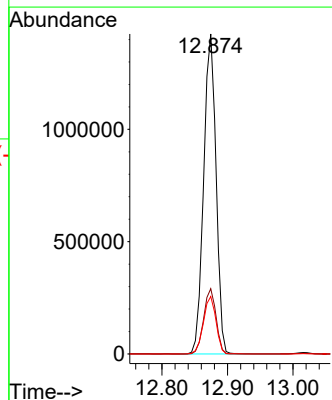
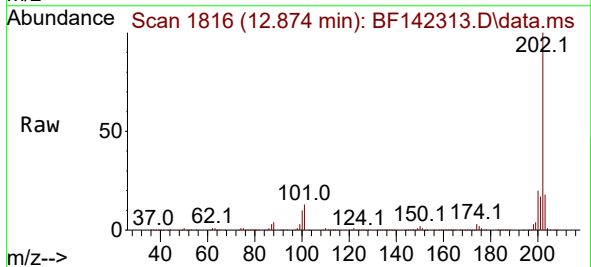
Instrument :
BNA_F
ClientSampleId :
PB167936BS

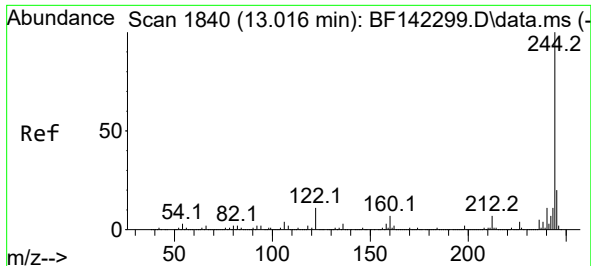
Tgt Ion:184 Resp: 781039
Ion Ratio Lower Upper
184 100
185 15.5 12.6 18.8
183 11.0 8.6 12.8



#78
Pyrene
Concen: 46.216 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Tgt Ion:202 Resp: 1876785
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.4
203 18.0 14.3 21.5

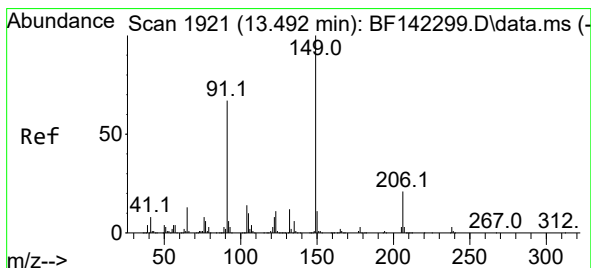
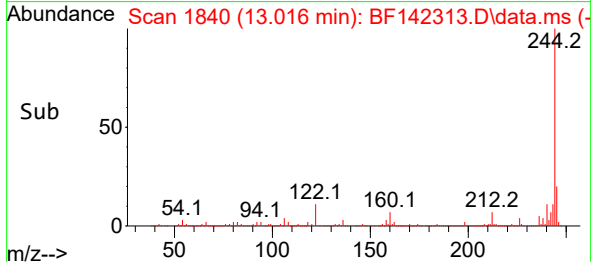
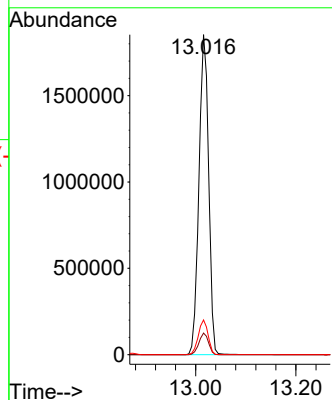
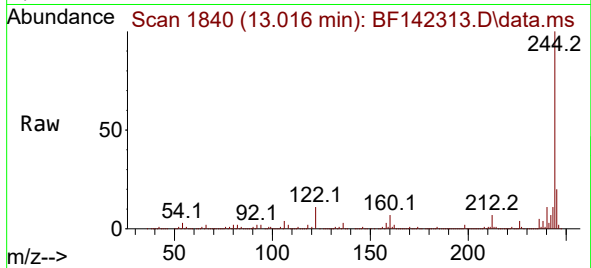




#79
 Terphenyl-d14
 Concen: 80.293 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF142313.D
 Acq: 12 May 2025 11:45

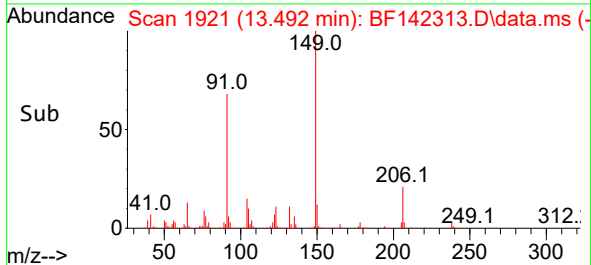
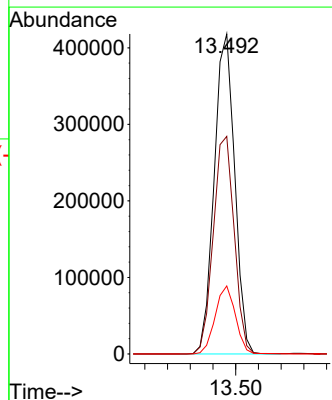
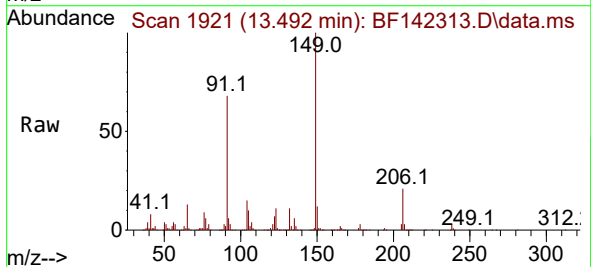
Instrument :
 BNA_F
 ClientSampleId :
 PB167936BS

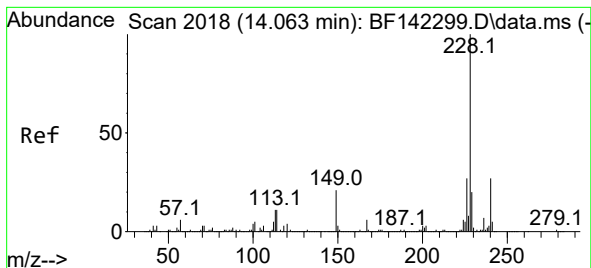
Tgt Ion:244 Resp: 2474972
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.9 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 44.510 ng
 RT: 13.492 min Scan# 1921
 Delta R.T. 0.000 min
 Lab File: BF142313.D
 Acq: 12 May 2025 11:45

Tgt Ion:149 Resp: 524077
 Ion Ratio Lower Upper
 149 100
 91 68.0 53.8 80.6
 206 21.3 16.6 24.8





#81

Benzo(a)anthracene

Concen: 46.496 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF142313.D

Acq: 12 May 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB167936BS

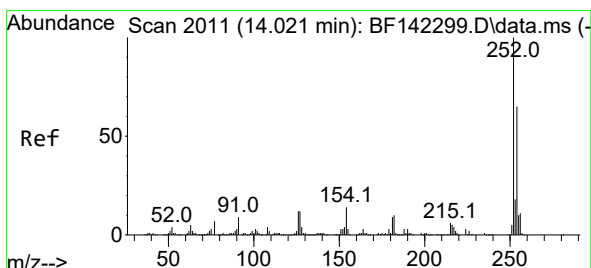
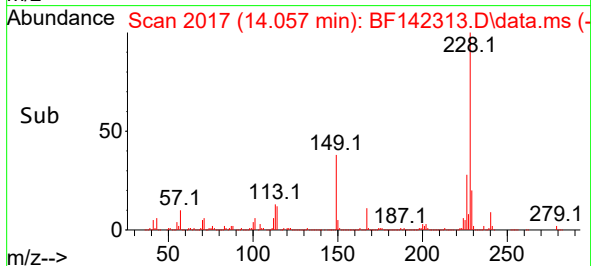
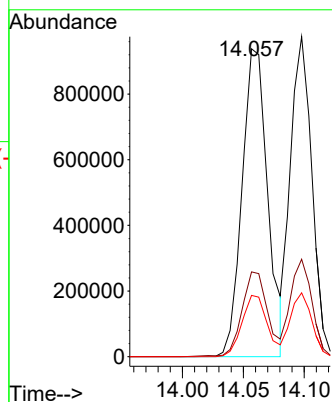
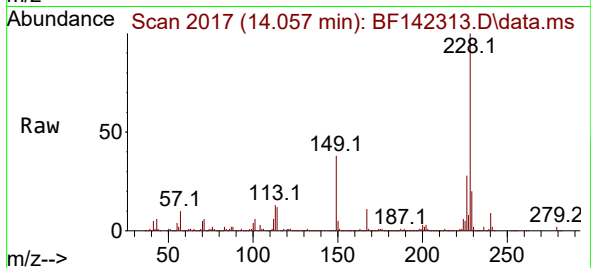
Tgt Ion:228 Resp: 1373762

Ion Ratio Lower Upper

228 100

226 27.5 21.5 32.3

229 19.9 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 34.525 ng

RT: 14.021 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF142313.D

Acq: 12 May 2025 11:45

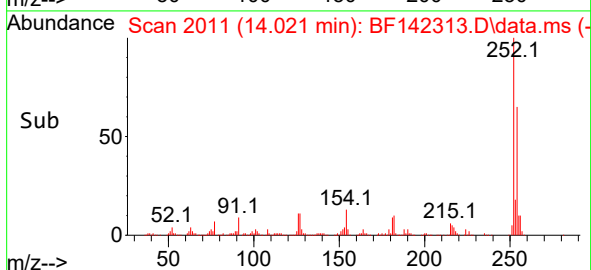
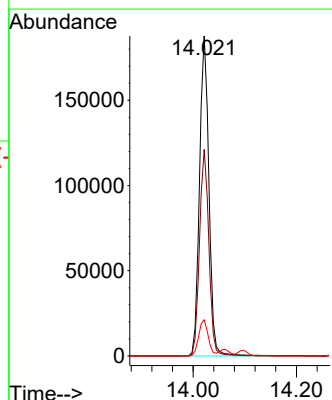
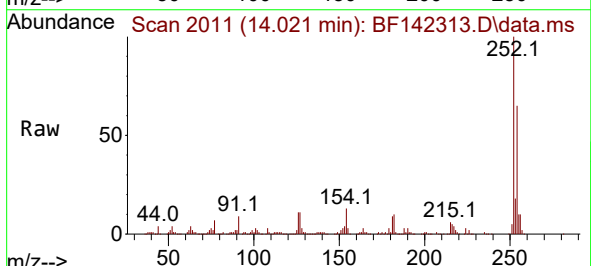
Tgt Ion:252 Resp: 237216

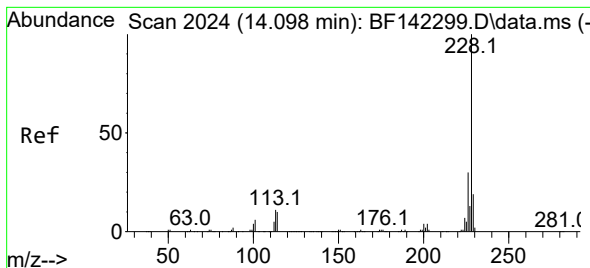
Ion Ratio Lower Upper

252 100

254 64.5 52.0 78.0

126 11.3 9.7 14.5





#83

Chrysene

Concen: 43.764 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF142313.D

Acq: 12 May 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB167936BS

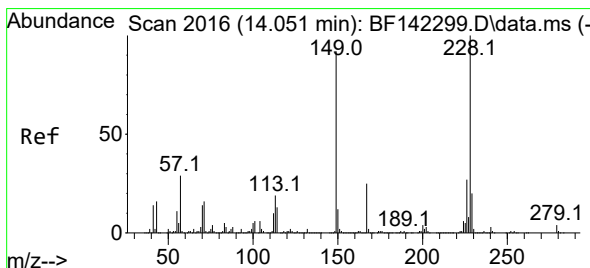
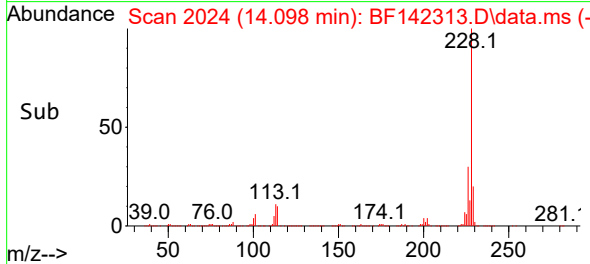
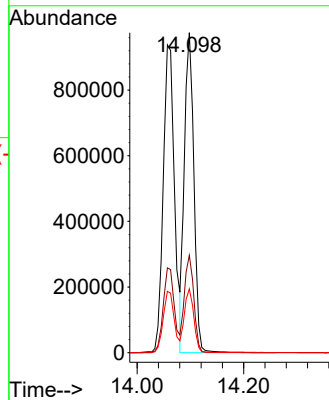
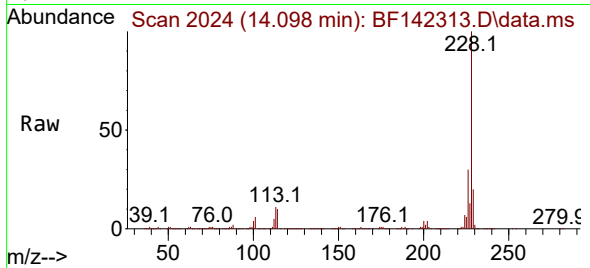
Tgt Ion:228 Resp: 1203738

Ion Ratio Lower Upper

228 100

226 30.5 23.9 35.9

229 19.9 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.940 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF142313.D

Acq: 12 May 2025 11:45

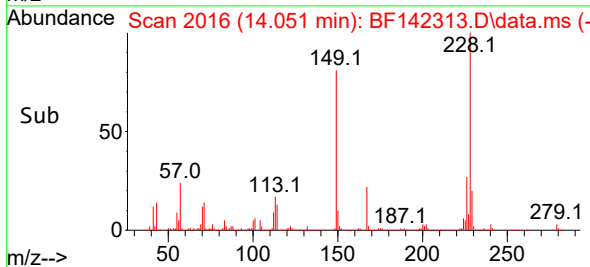
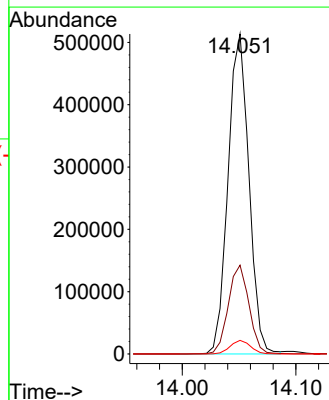
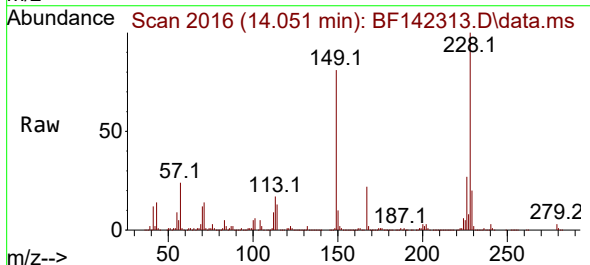
Tgt Ion:149 Resp: 655144

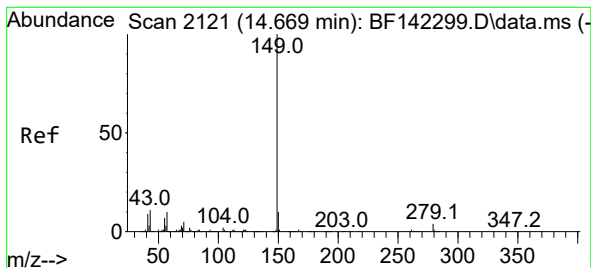
Ion Ratio Lower Upper

149 100

167 27.7 22.0 33.0

279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 42.671 ng

RT: 14.668 min Scan# 21

Delta R.T. -0.001 min

Lab File: BF142313.D

Acq: 12 May 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB167936BS

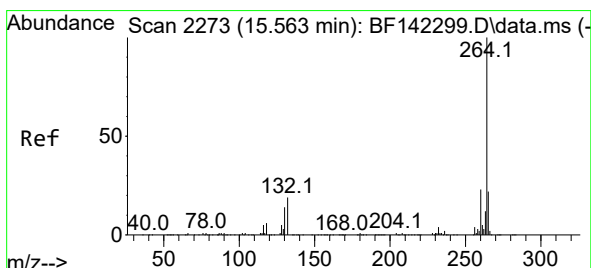
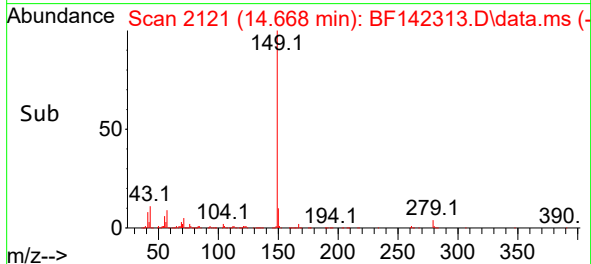
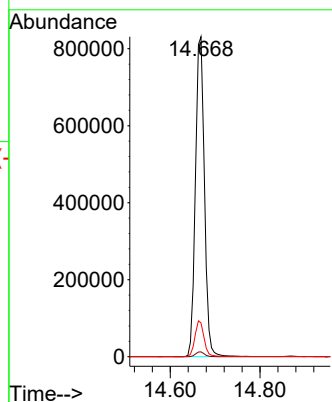
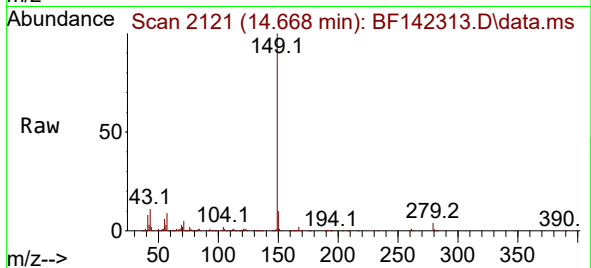
Tgt Ion:149 Resp: 1158395

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 11.4 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142313.D

Acq: 12 May 2025 11:45

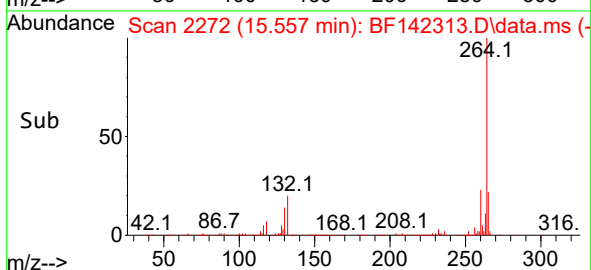
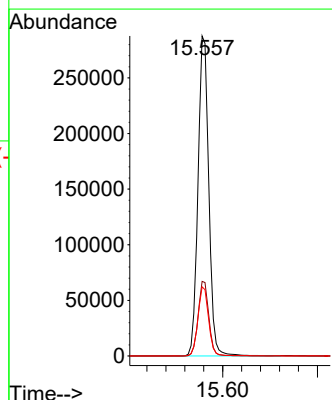
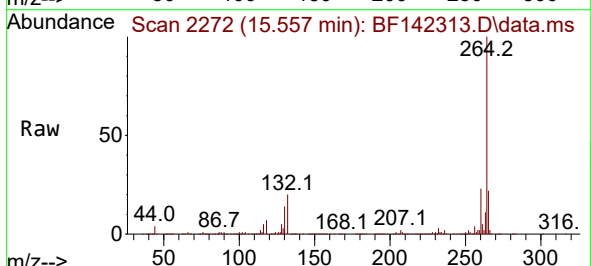
Tgt Ion:264 Resp: 454802

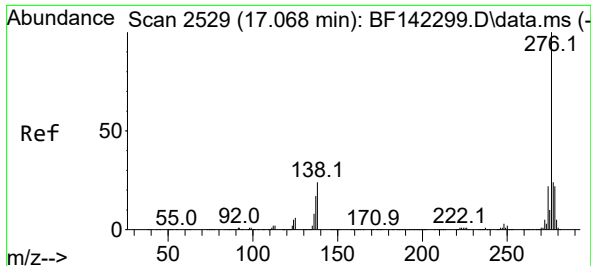
Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.6 17.5 26.3

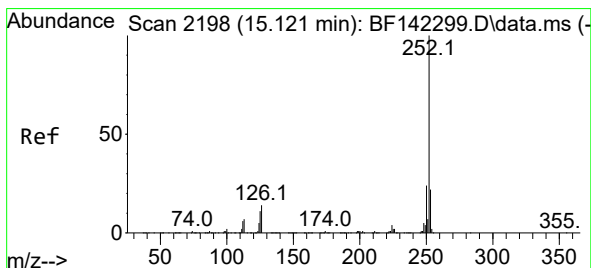
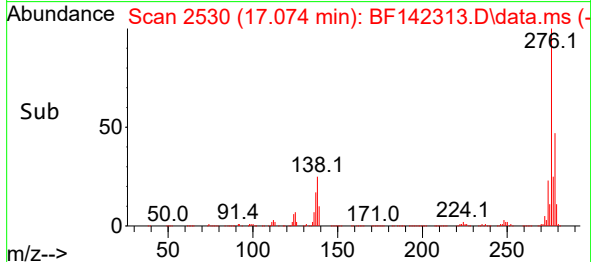
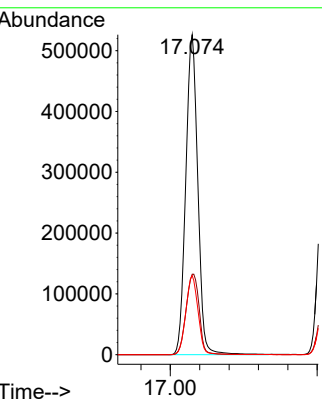
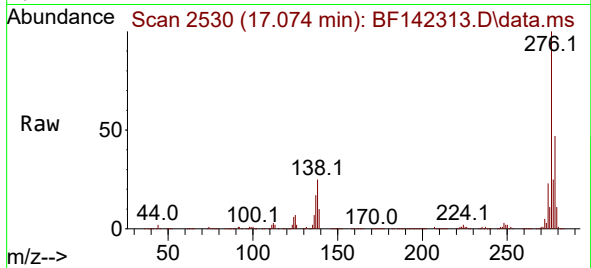




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.247 ng
 RT: 17.074 min Scan# 2198
 Delta R.T. 0.006 min
 Lab File: BF142313.D
 Acq: 12 May 2025 11:45

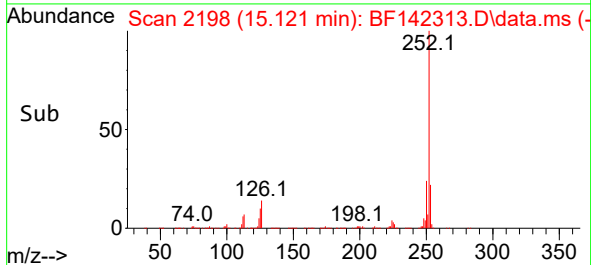
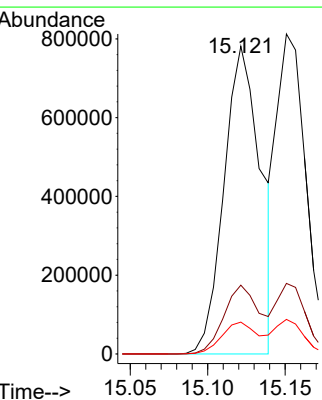
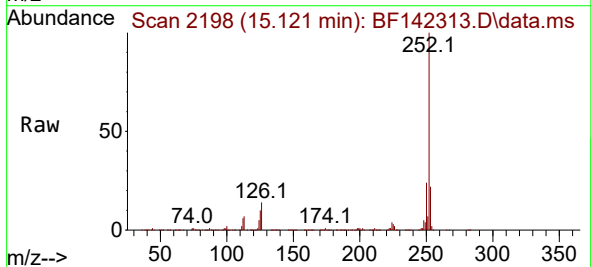
Instrument :
 BNA_F
 ClientSampleId :
 PB167936BS

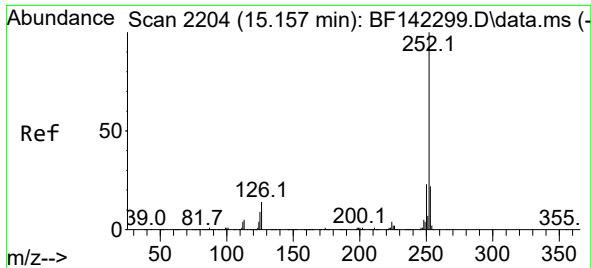
Tgt Ion:276 Resp: 1494767
 Ion Ratio Lower Upper
 276 100
 138 27.5 22.0 33.0
 277 25.0 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 46.567 ng
 RT: 15.121 min Scan# 2198
 Delta R.T. -0.000 min
 Lab File: BF142313.D
 Acq: 12 May 2025 11:45

Tgt Ion:252 Resp: 1282700
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.7 26.5
 125 10.4 8.7 13.1

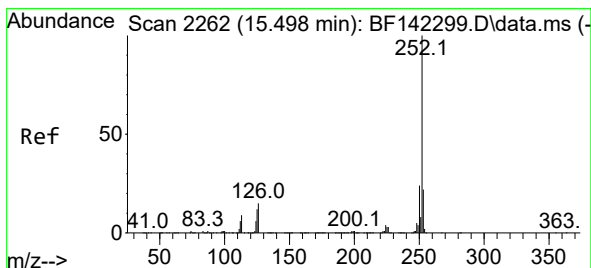
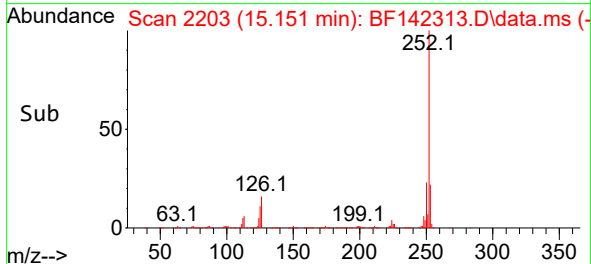
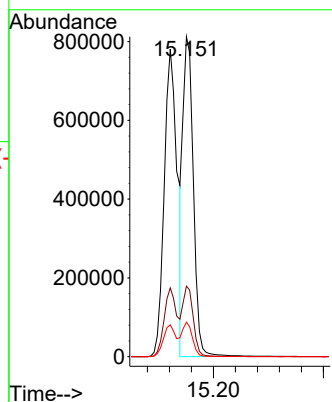
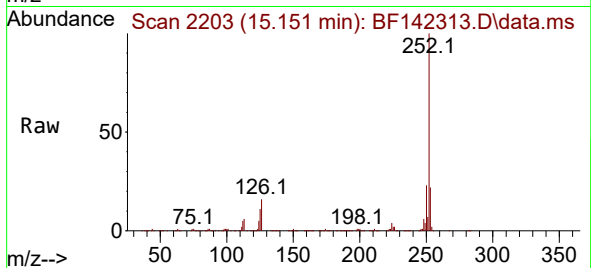




#89
Benzo(k)fluoranthene
Concen: 42.743 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

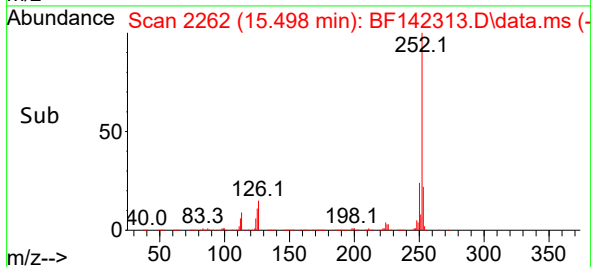
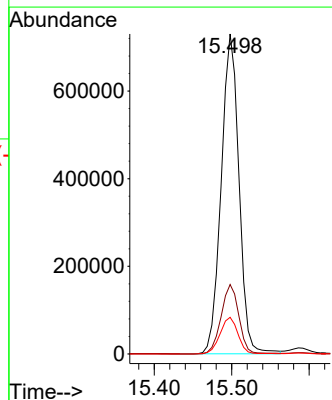
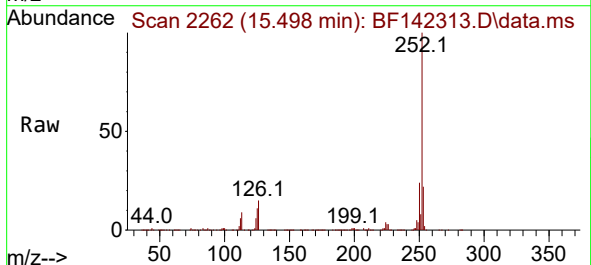
Instrument :
BNA_F
ClientSampleId :
PB167936BS

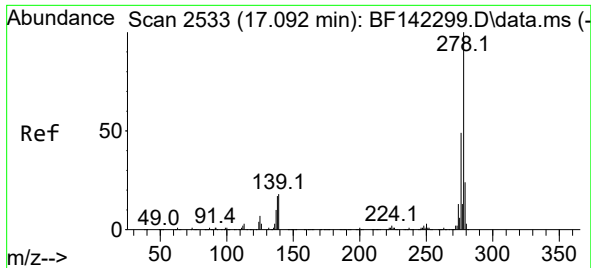
Tgt Ion:252 Resp: 1077445
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.8 8.1 12.1



#90
Benzo(a)pyrene
Concen: 47.092 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Tgt Ion:252 Resp: 1162408
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 11.5 9.4 14.0

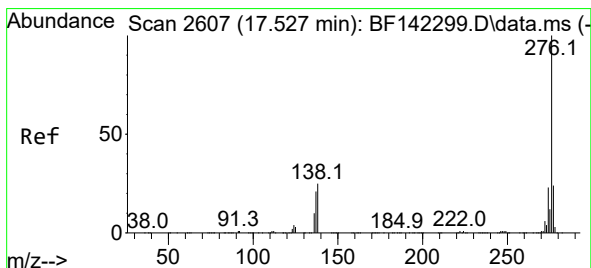
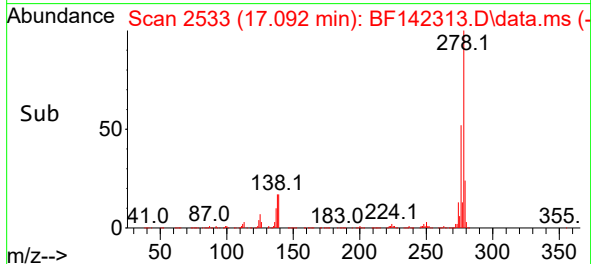
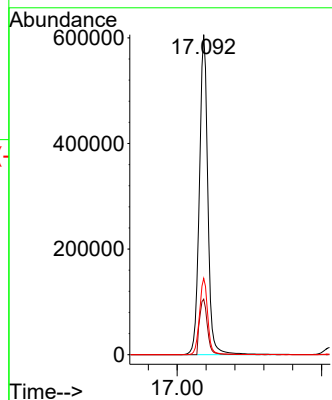
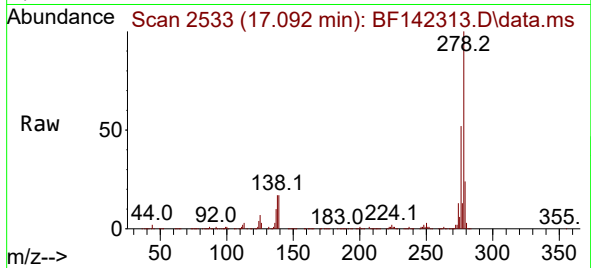




#91
Dibenzo(a,h)anthracene
Concen: 47.032 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Instrument :
BNA_F
ClientSampleId :
PB167936BS

Tgt Ion:278 Resp: 1229296
Ion Ratio Lower Upper
278 100
139 17.3 14.5 21.7
279 23.9 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 47.023 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF142313.D
Acq: 12 May 2025 11:45

Tgt Ion:276 Resp: 1219847
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.6
138 23.9 19.8 29.6

