

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061825\
 Data File : BF142782.D
 Acq On : 18 Jun 2025 17:33
 Operator : RC/JU
 Sample : Q2339-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-CMSD

Quant Time: Jun 18 18:00:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	76455	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	291596	20.000	ng	-0.01
39) Acenaphthene-d10	9.928	164	152897	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	233118	20.000	ng	0.00
76) Chrysene-d12	14.063	240	158524	20.000	ng	0.00
86) Perylene-d12	15.551	264	183800	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	553525	123.305	ng	0.01
7) Phenol-d6	6.516	99	618993	117.168	ng	0.00
23) Nitrobenzene-d5	7.451	82	435595	81.754	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	205011	122.341	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	925807	80.445	ng	-0.01
79) Terphenyl-d14	12.998	244	673835	58.381	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.804	88	64366	36.231	ng	# 83
3) Pyridine	3.528	79	171085	38.407	ng	97
4) n-Nitrosodimethylamine	3.463	42	98588	43.257	ng	97
6) Aniline	6.545	93	124390	17.592	ng	# 77
8) 2-Chlorophenol	6.669	128	213817	43.585	ng	99
9) Benzaldehyde	6.434	77	78251	23.918	ng	98
10) Phenol	6.534	94	228293	38.877	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	192486	43.885	ng	99
12) 1,3-Dichlorobenzene	6.828	146	211248	37.733	ng	99
13) 1,4-Dichlorobenzene	6.904	146	212863	37.622	ng	99
14) 1,2-Dichlorobenzene	7.051	146	207150	38.194	ng	99
15) Benzyl Alcohol	7.028	79	178824	44.785	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	297187	43.035	ng	97
17) 2-Methylphenol	7.139	107	164789	43.817	ng	99
18) Hexachloroethane	7.398	117	76599	37.777	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	144343	42.918	ng	99
20) 3+4-Methylphenols	7.292	107	207259	43.713	ng	92
22) Acetophenone	7.292	105	281392	43.382	ng	98
24) Nitrobenzene	7.469	77	206042	43.571	ng	99
25) Isophorone	7.704	82	388056	43.016	ng	99
26) 2-Nitrophenol	7.786	139	117817	44.643	ng	96
27) 2,4-Dimethylphenol	7.822	122	202689	45.109	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	246210	43.958	ng	99
29) 2,4-Dichlorophenol	8.028	162	187578	45.235	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	188061	41.042	ng	99
31) Naphthalene	8.192	128	610144	42.309	ng	100
32) Benzoic acid	7.910	122	47775	18.880	ng	100
33) 4-Chloroaniline	8.233	127	60125	10.384	ng	98
34) Hexachlorobutadiene	8.304	225	117499	40.240	ng	99
35) Caprolactam	8.604	113	46241m	41.311	ng	
36) 4-Chloro-3-methylphenol	8.722	107	187597	43.508	ng	99
37) 2-Methylnaphthalene	8.881	142	393510	43.111	ng	100
38) 1-Methylnaphthalene	8.980	142	407427	43.087	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	199424	45.065	ng	99
41) Hexachlorocyclopentadiene	9.033	237	205402	72.318	ng	97
43) 2,4,6-Trichlorophenol	9.163	196	136122	47.519	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061825\
 Data File : BF142782.D
 Acq On : 18 Jun 2025 17:33
 Operator : RC/JU
 Sample : Q2339-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

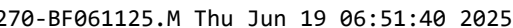
Instrument :
 BNA_F
 ClientSampleId :
 MH-CMSD

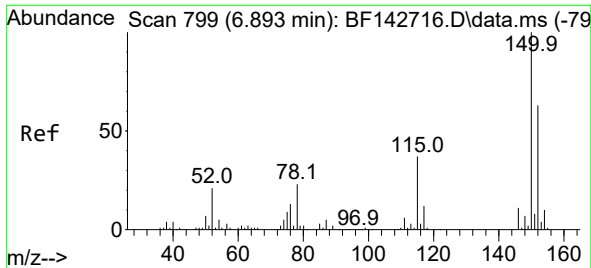
Quant Time: Jun 18 18:00:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	144177	46.599	ng	97
46) 1,1'-Biphenyl	9.345	154	546808	46.056	ng	99
47) 2-Chloronaphthalene	9.375	162	400518	45.790	ng	99
48) 2-Nitroaniline	9.469	65	116272	46.737	ng	99
49) Acenaphthylene	9.786	152	668423	45.322	ng	100
50) Dimethylphthalate	9.645	163	479868	46.999	ng	100
51) 2,6-Dinitrotoluene	9.710	165	101099	45.815	ng	97
52) Acenaphthene	9.963	154	411533	45.005	ng	99
53) 3-Nitroaniline	9.875	138	46184	19.296	ng	97
54) 2,4-Dinitrophenol	9.986	184	49256	40.749	ng	90
55) Dibenzofuran	10.133	168	583257	44.792	ng	99
56) 4-Nitrophenol	10.045	139	128856	79.378	ng	99
57) 2,4-Dinitrotoluene	10.116	165	130364	44.682	ng	97
58) Fluorene	10.475	166	457058	44.449	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	112849	43.354	ng	99
60) Diethylphthalate	10.345	149	456676	45.107	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	221019	44.012	ng	98
62) 4-Nitroaniline	10.492	138	92600	43.245	ng	99
63) Azobenzene	10.627	77	397182	44.919	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	46366	31.761	ng	95
66) n-Nitrosodiphenylamine	10.586	169	393959	49.164	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	134174	48.760	ng	98
68) Hexachlorobenzene	11.027	284	145092	47.502	ng	96
69) Atrazine	11.110	200	115780	54.195	ng	99
70) Pentachlorophenol	11.222	266	139188	86.932	ng	99
71) Phenanthrene	11.439	178	593688	47.537	ng	99
72) Anthracene	11.492	178	606382	46.935	ng	100
73) Carbazole	11.645	167	518551	47.944	ng	100
74) Di-n-butylphthalate	11.974	149	652807	54.053	ng	100
75) Fluoranthene	12.627	202	565204	47.593	ng	99
77) Benzidine	12.751	184	168083	29.772	ng	99
78) Pyrene	12.857	202	564346	38.308	ng	100
80) Butylbenzylphthalate	13.474	149	234818	53.903	ng	97
81) Benzo(a)anthracene	14.051	228	506269	48.194	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	66799	19.719	ng	99
83) Chrysene	14.086	228	455668	46.982	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	333584	51.024	ng	99
85) Di-n-octyl phthalate	14.645	149	571526	45.565	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	576413	42.319	ng	99
88) Benzo(b)fluoranthene	15.115	252	532688	49.221	ng	99
89) Benzo(k)fluoranthene	15.145	252	487253	46.402	ng	99
90) Benzo(a)pyrene	15.492	252	498204	48.417	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	469175	42.186	ng	99
92) Benzo(g,h,i)perylene	17.527	276	453741	41.028	ng	99

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

Quant Time: Jun 18 18:00:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

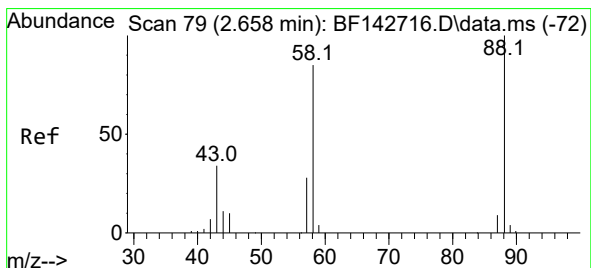
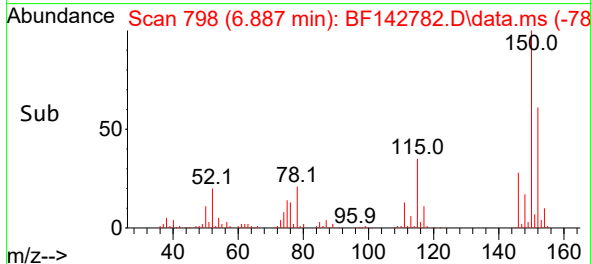
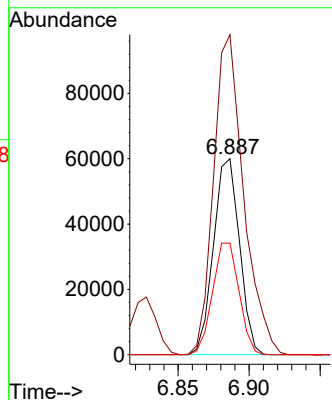
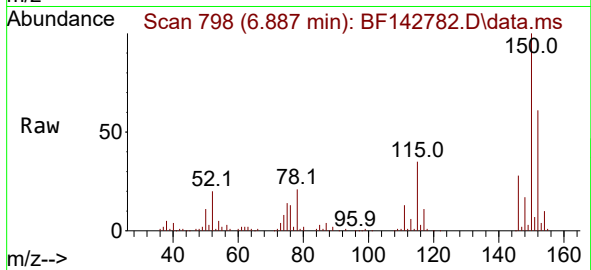




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142782.D
 Acq: 18 Jun 2025 17:33

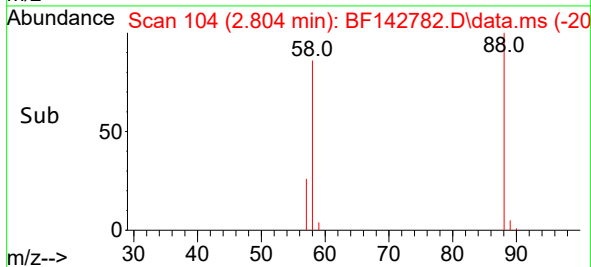
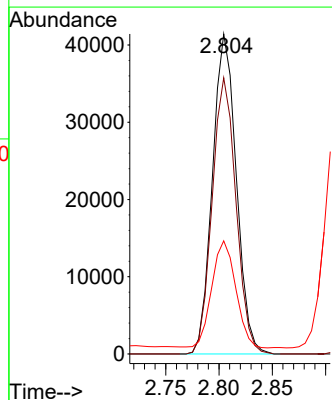
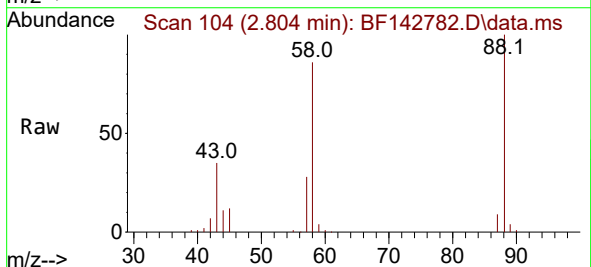
Instrument :
 BNA_F
 ClientSampleId :
 MH-CMSD

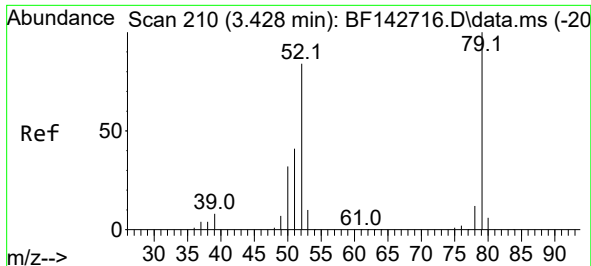
Tgt Ion:152 Resp: 76455
 Ion Ratio Lower Upper
 152 100
 150 163.2 126.9 190.3
 115 56.9 47.0 70.6



#2
 1,4-Dioxane
 Concen: 36.231 ng
 RT: 2.804 min Scan# 104
 Delta R.T. 0.147 min
 Lab File: BF142782.D
 Acq: 18 Jun 2025 17:33

Tgt Ion: 88 Resp: 64366
 Ion Ratio Lower Upper
 88 100
 58 86.3 68.4 102.6
 43 0.0 27.0 40.6#

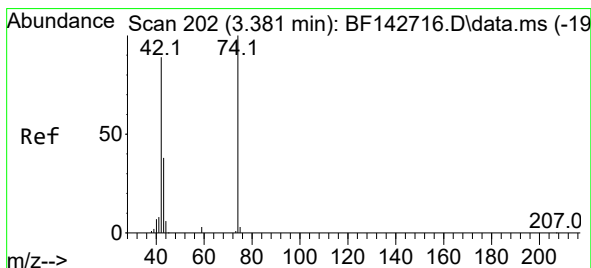
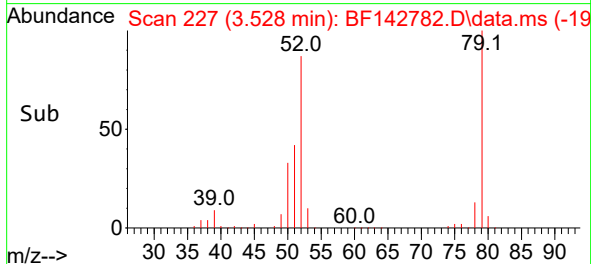
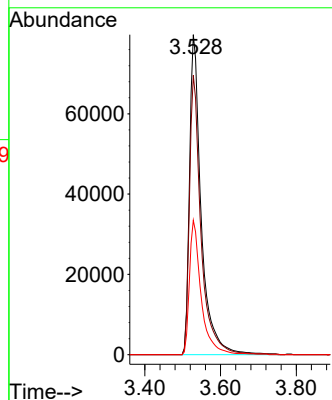
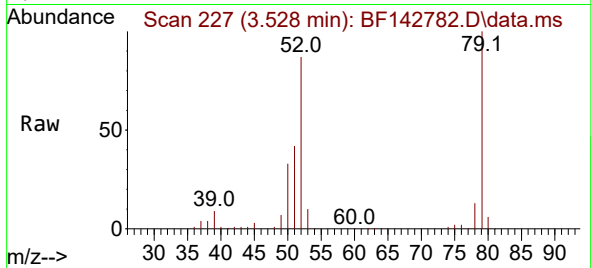




#3
Pyridine
Concen: 38.407 ng
RT: 3.528 min Scan# 210
Delta R.T. 0.100 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

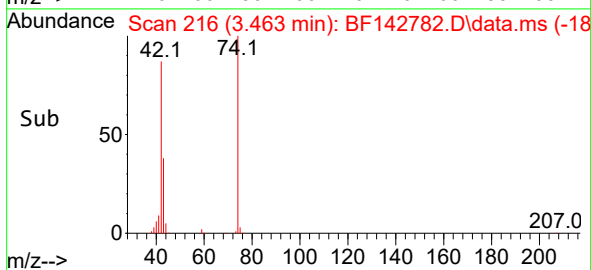
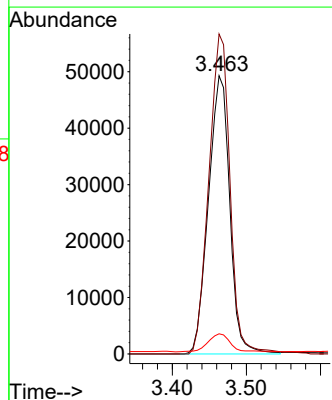
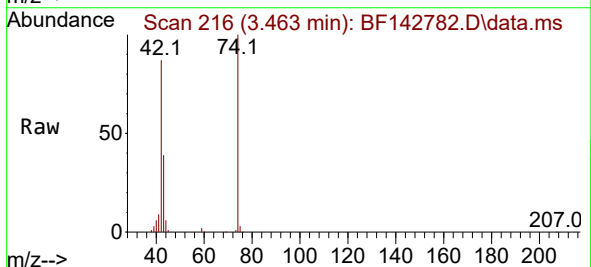
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

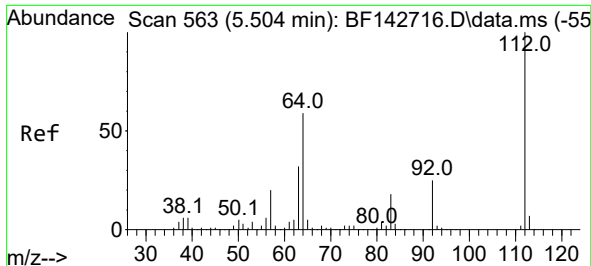
Tgt Ion: 79 Resp: 171085
Ion Ratio Lower Upper
79 100
52 87.3 67.1 100.7
51 42.0 32.6 48.8



#4
n-Nitrosodimethylamine
Concen: 43.257 ng
RT: 3.463 min Scan# 216
Delta R.T. 0.082 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion: 42 Resp: 98588
Ion Ratio Lower Upper
42 100
74 115.0 89.6 134.4
44 7.2 5.4 8.2

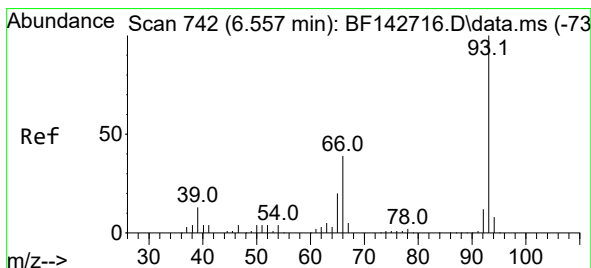
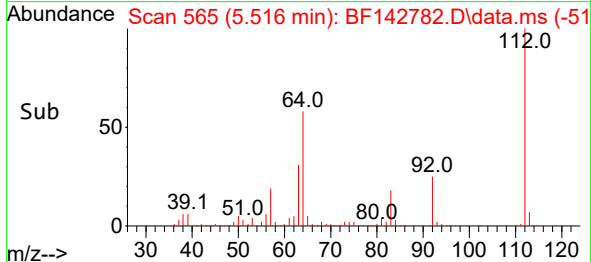
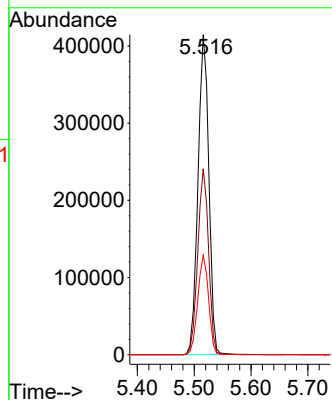
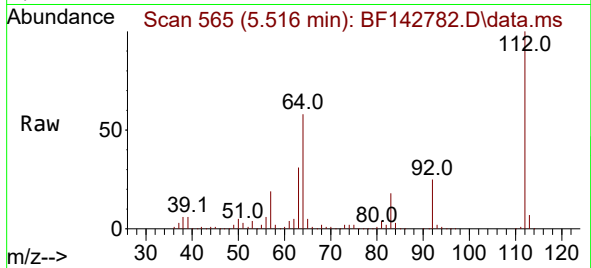




#5
2-Fluorophenol
Concen: 123.305 ng
RT: 5.516 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

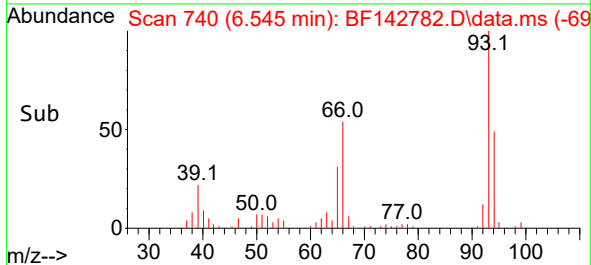
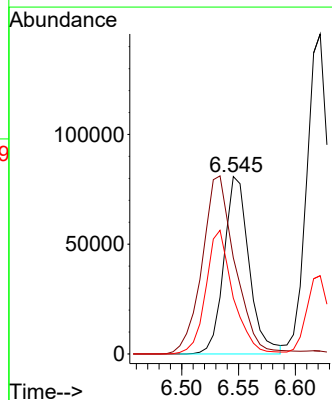
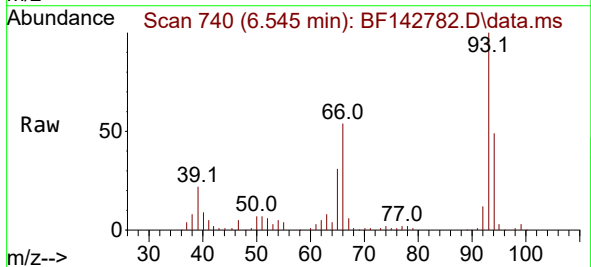
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

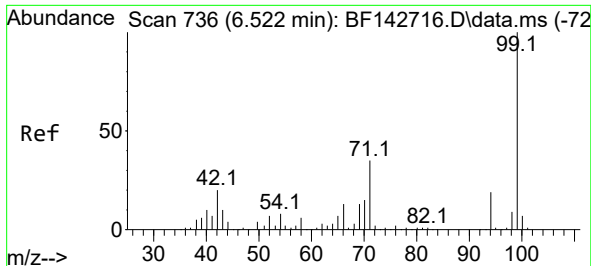
Tgt Ion:112 Resp: 553525
Ion Ratio Lower Upper
112 100
64 58.1 47.4 71.2
63 31.1 25.4 38.0



#6
Aniline
Concen: 17.592 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion: 93 Resp: 124390
Ion Ratio Lower Upper
93 100
66 54.2 32.0 48.0#
65 31.4 16.1 24.1#

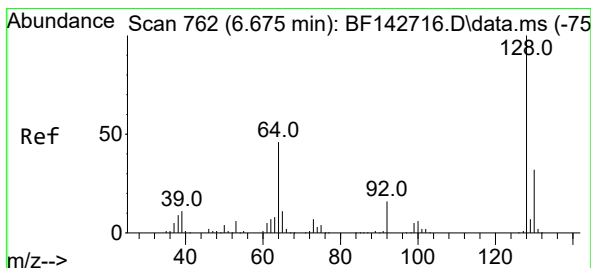
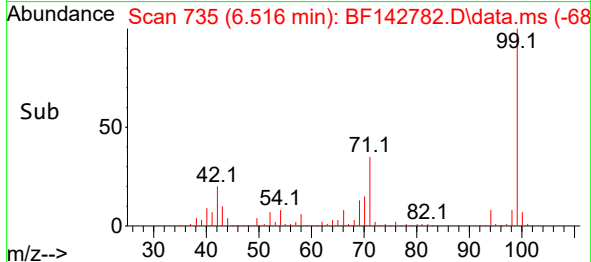
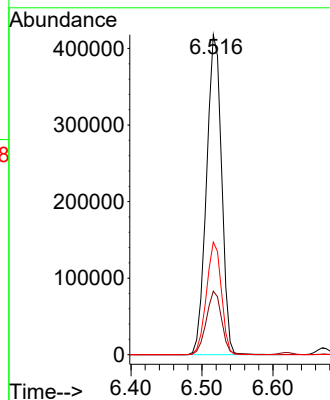
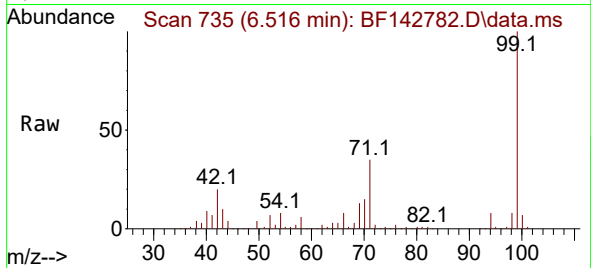




#7
Phenol-d6
Concen: 117.168 ng
RT: 6.516 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

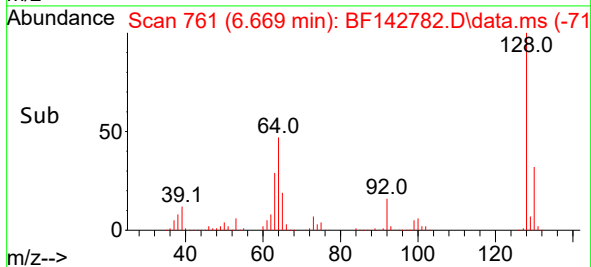
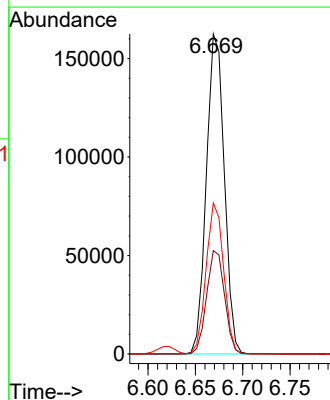
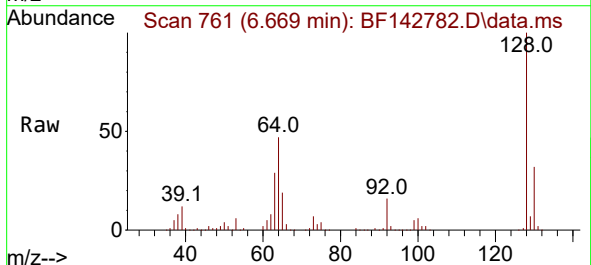
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

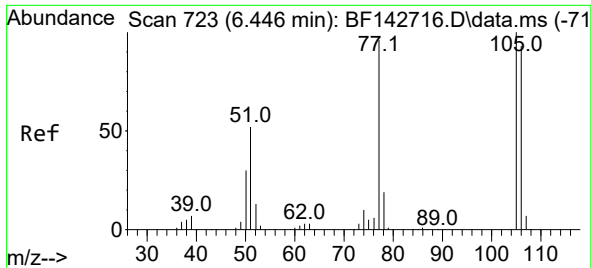
Tgt Ion: 99 Resp: 618993
Ion Ratio Lower Upper
99 100
42 19.8 15.9 23.9
71 35.2 28.0 42.0



#8
2-Chlorophenol
Concen: 43.585 ng
RT: 6.669 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion:128 Resp: 213817
Ion Ratio Lower Upper
128 100
130 32.3 12.4 52.4
64 47.2 26.5 66.5

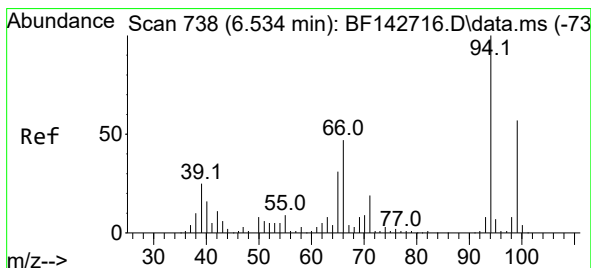
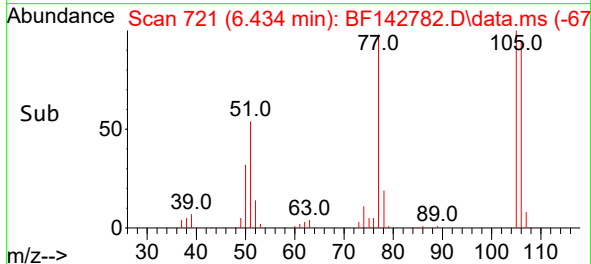
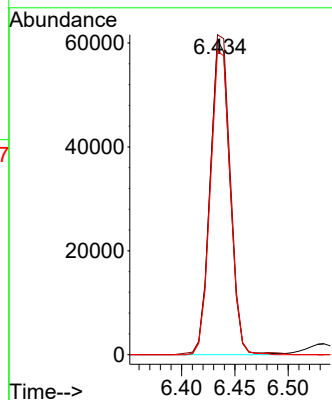
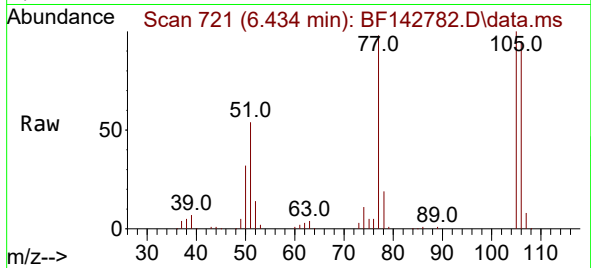




#9
Benzaldehyde
Concen: 23.918 ng
RT: 6.434 min Scan# 721
Delta R.T. -0.012 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

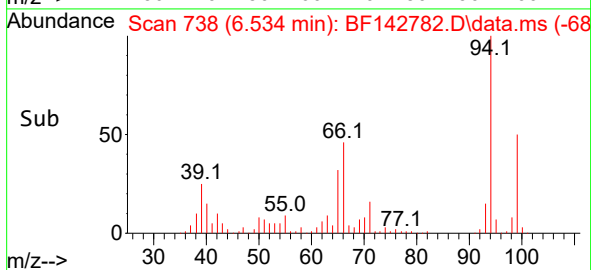
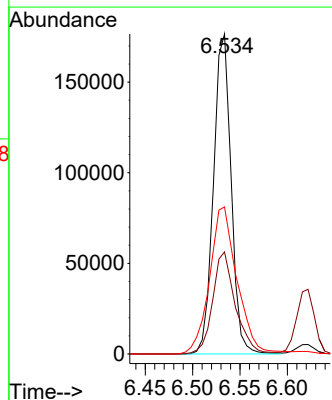
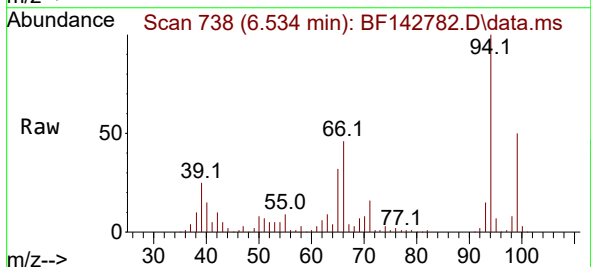
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

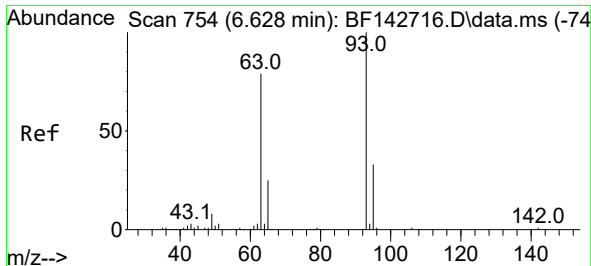
Tgt Ion: 77 Resp: 78251
Ion Ratio Lower Upper
77 100
105 101.5 84.1 124.1
106 96.4 77.2 117.2



#10
Phenol
Concen: 38.877 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion: 94 Resp: 228293
Ion Ratio Lower Upper
94 100
65 31.9 11.4 51.4
66 45.9 26.7 66.7

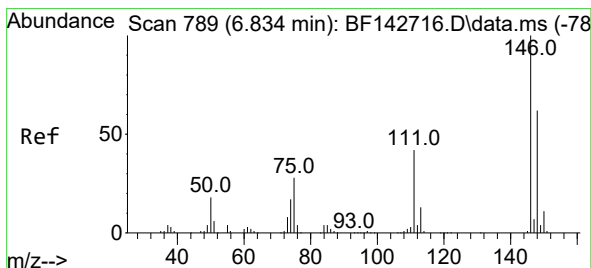
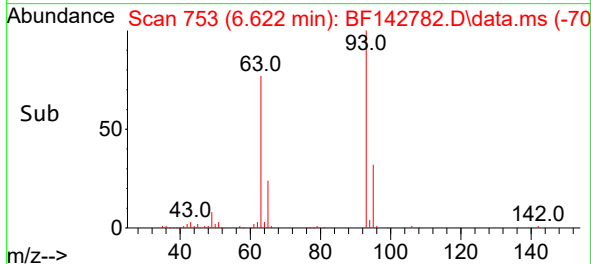
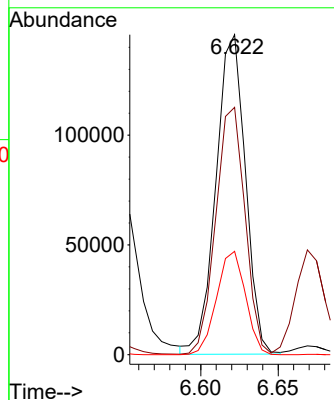
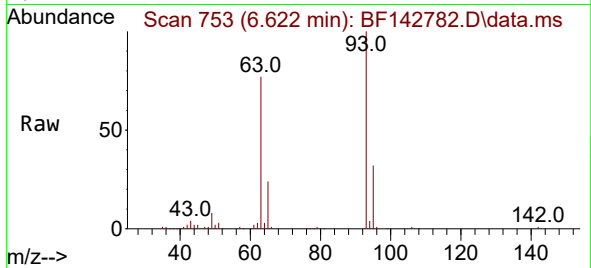




#11
bis(2-Chloroethyl)ether
Concen: 43.885 ng
RT: 6.622 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

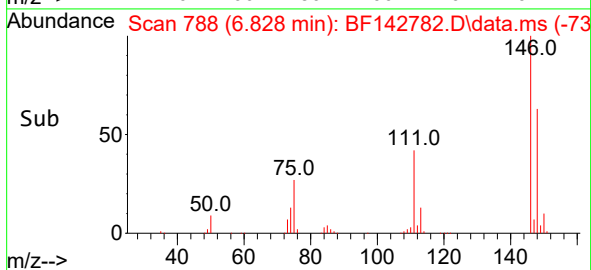
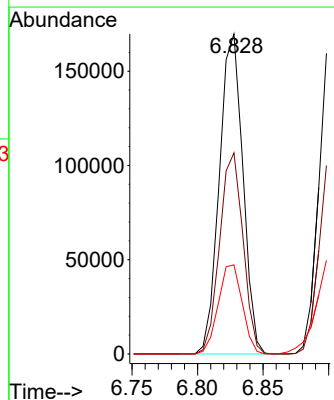
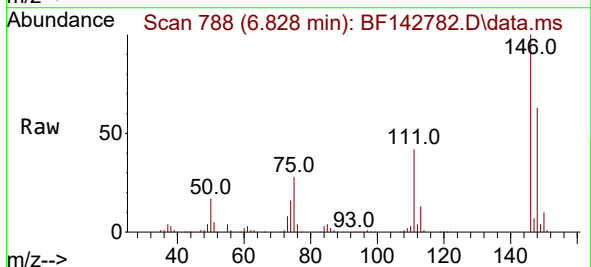
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

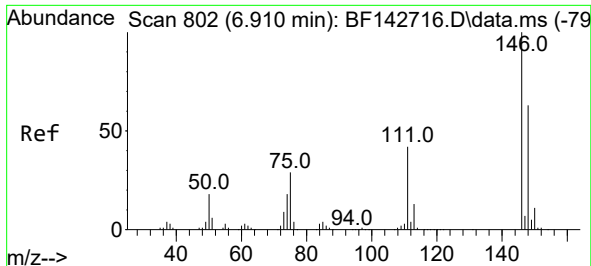
Tgt Ion: 93 Resp: 192486
Ion Ratio Lower Upper
93 100
63 77.3 58.3 98.3
95 32.3 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 37.733 ng
RT: 6.828 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion:146 Resp: 211248
Ion Ratio Lower Upper
146 100
148 62.9 49.9 74.9
75 27.8 22.6 34.0

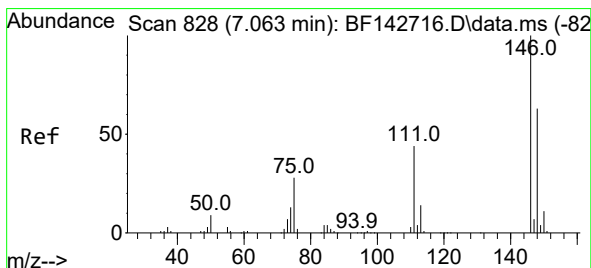
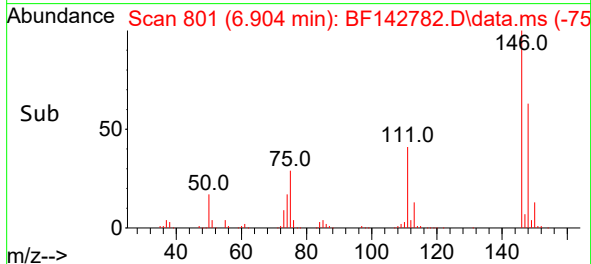
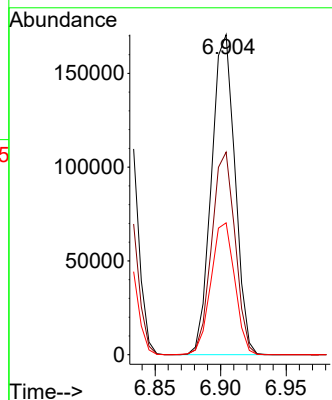
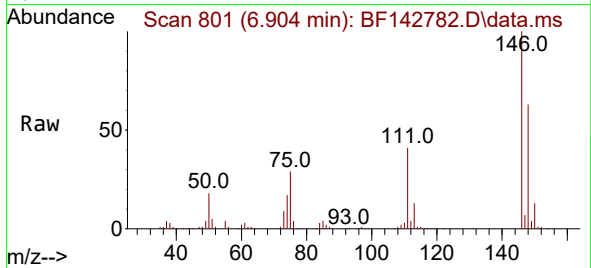




#13
1,4-Dichlorobenzene
Concen: 37.622 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

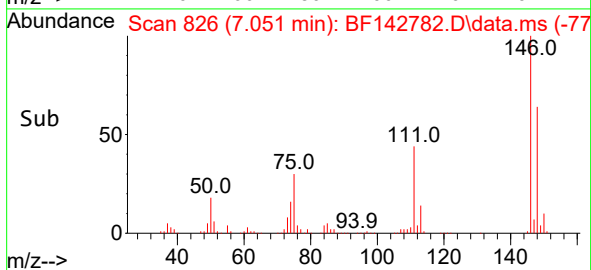
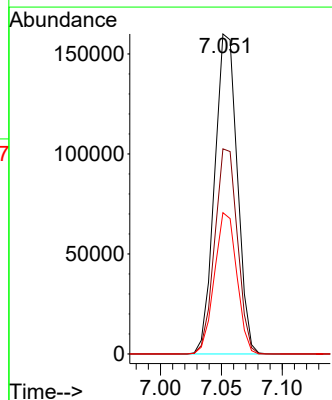
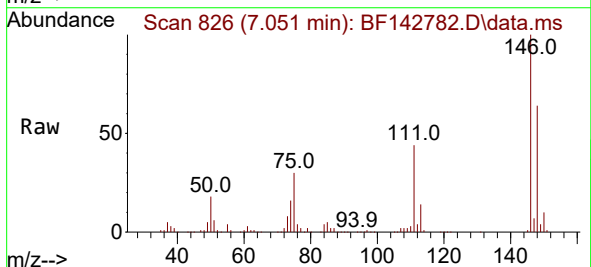
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

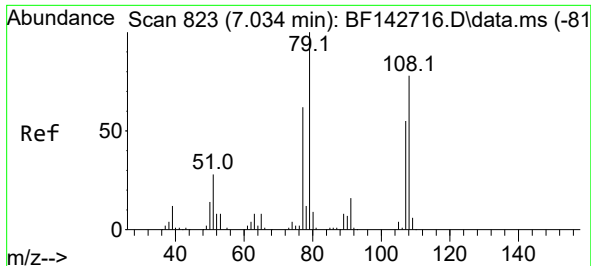
Tgt Ion:146 Resp: 212863
Ion Ratio Lower Upper
146 100
148 63.3 50.5 75.7
111 41.2 33.6 50.4



#14
1,2-Dichlorobenzene
Concen: 38.194 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.012 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion:146 Resp: 207150
Ion Ratio Lower Upper
146 100
148 64.1 50.4 75.6
111 44.2 35.2 52.8

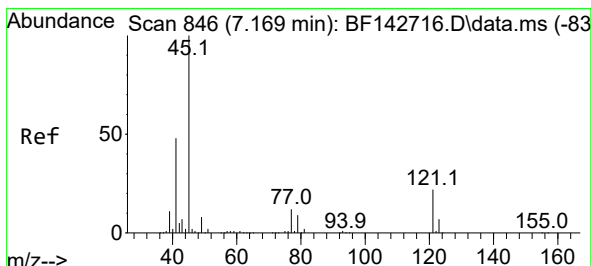
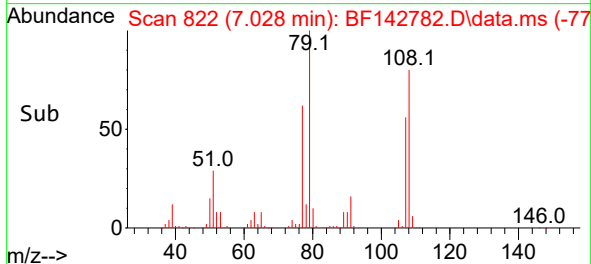
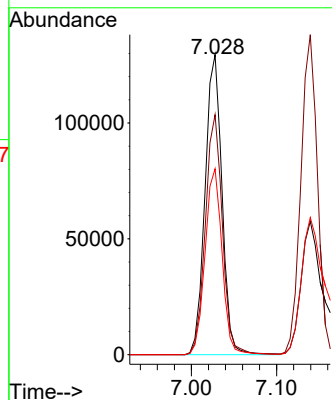
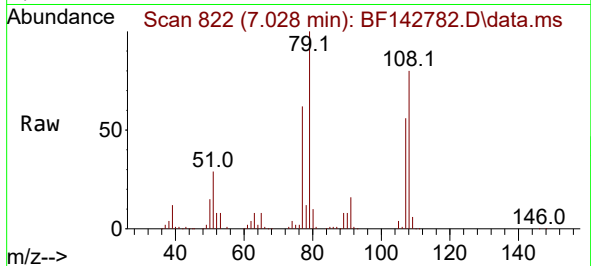




#15
Benzyl Alcohol
Concen: 44.785 ng
RT: 7.028 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

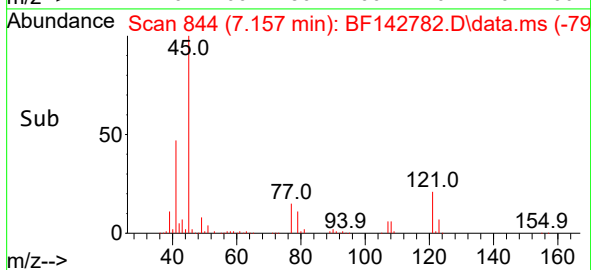
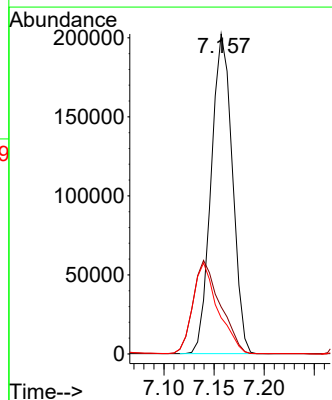
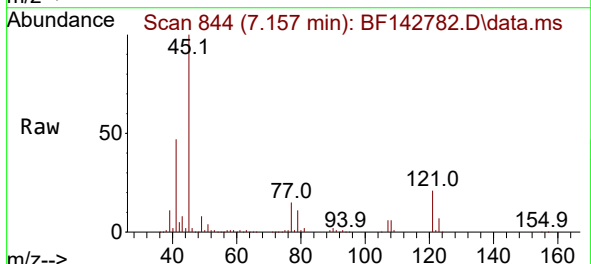
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

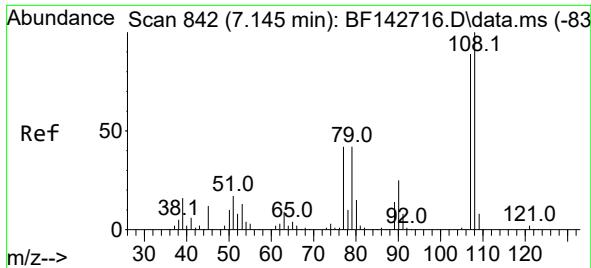
Tgt Ion: 79 Resp: 178824
Ion Ratio Lower Upper
79 100
108 80.0 62.6 94.0
77 62.0 49.8 74.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.035 ng
RT: 7.157 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion: 45 Resp: 297187
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.1
79 11.3 0.0 30.5

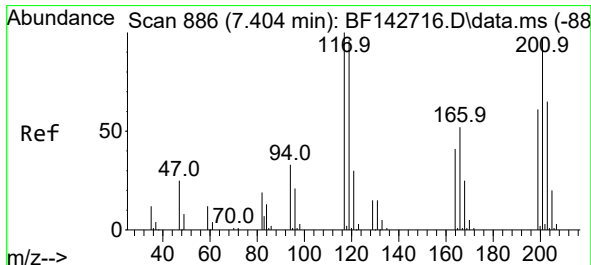
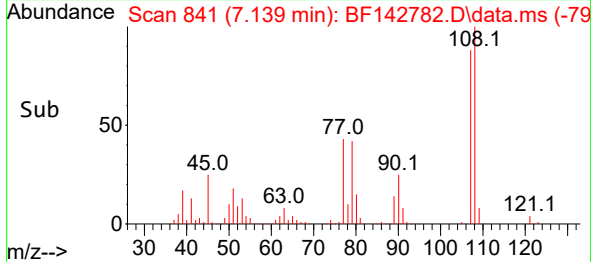
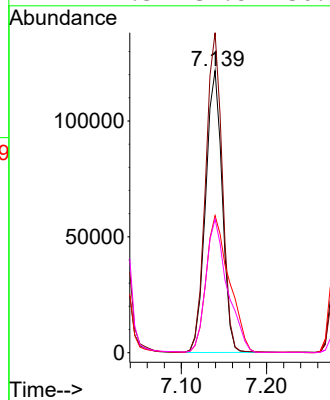
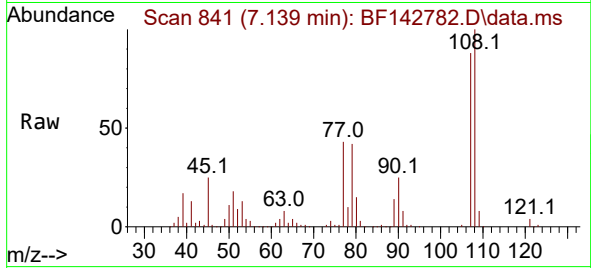




#17
2-Methylphenol
Concen: 43.817 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

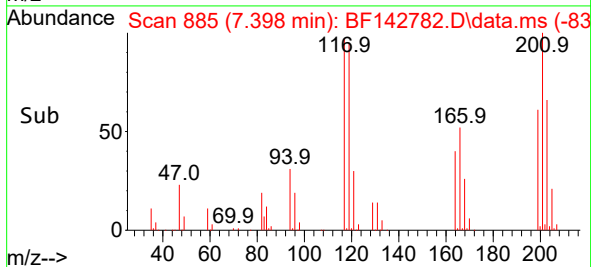
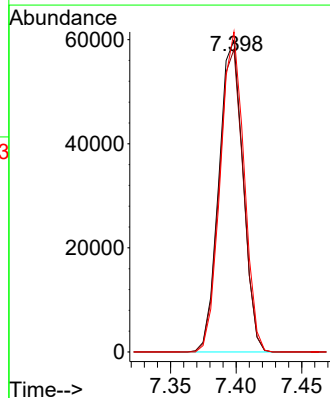
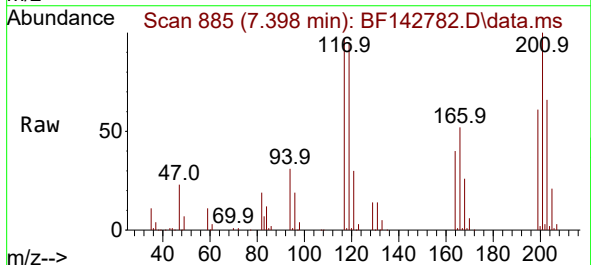
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

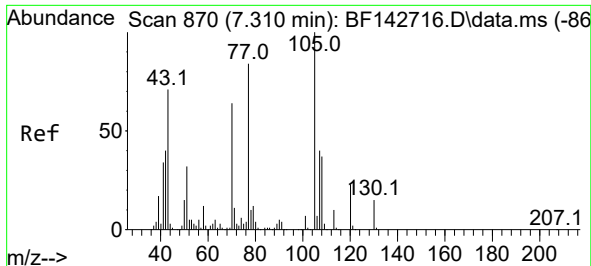
Tgt Ion:107 Resp: 164789
Ion Ratio Lower Upper
107 100
108 113.4 90.0 135.0
77 48.6 38.2 57.2
79 47.3 37.8 56.6



#18
Hexachloroethane
Concen: 37.777 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion:117 Resp: 76599
Ion Ratio Lower Upper
117 100
119 97.1 76.4 114.6
201 102.7 77.8 116.6



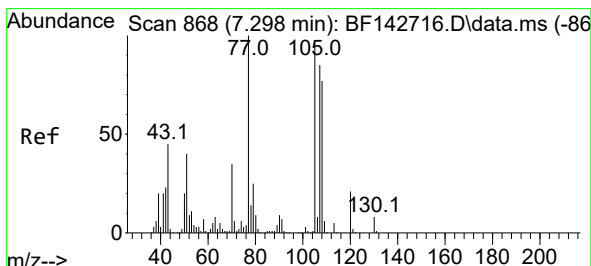
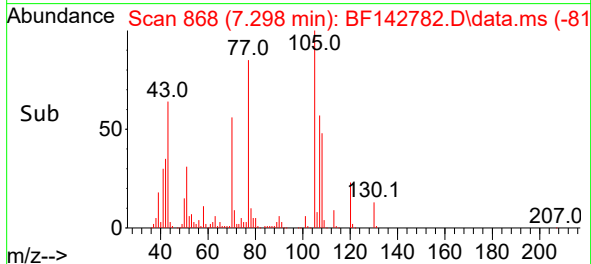
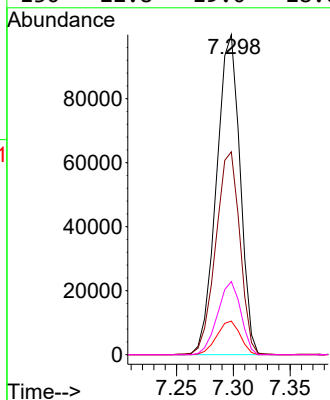
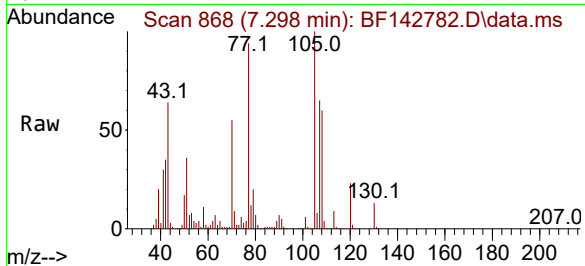


#19
n-Nitroso-di-n-propylamine
Concen: 42.918 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Instrument :
BNA_F
ClientSampleId :
MH-CMSD

Tgt Ion: 70 Resp: 144343

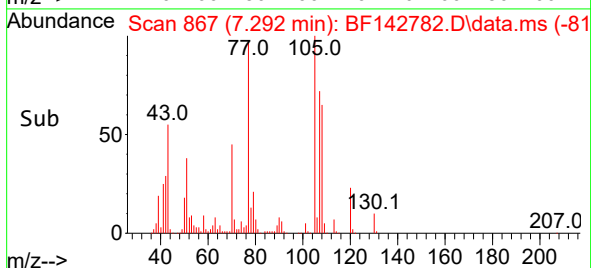
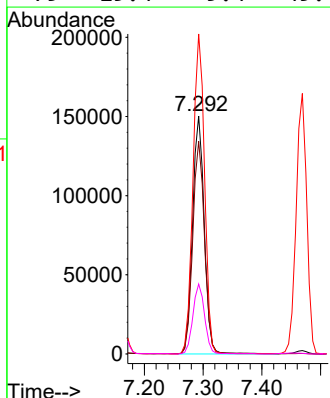
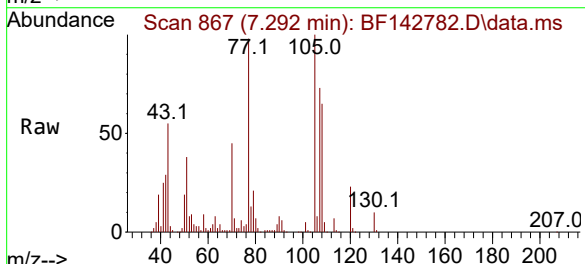
Ion	Ratio	Lower	Upper
70	100		
42	63.4	50.2	75.4
101	10.5	8.3	12.5
130	22.8	19.0	28.6

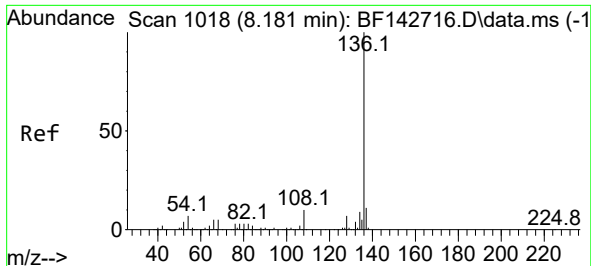


#20
3+4-Methylphenols
Concen: 43.713 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion: 107 Resp: 207259

Ion	Ratio	Lower	Upper
107	100		
108	89.4	69.9	109.9
77	134.5	97.4	137.4
79	29.4	9.4	49.4

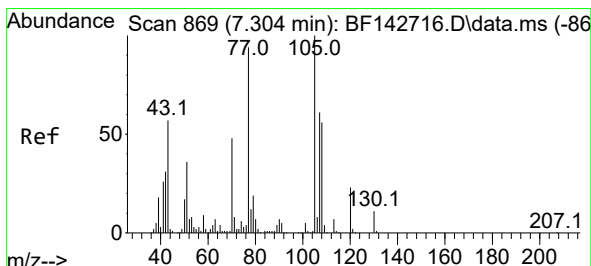
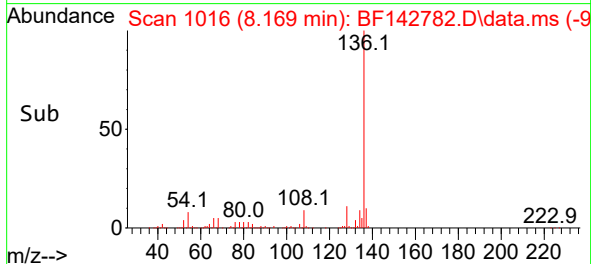
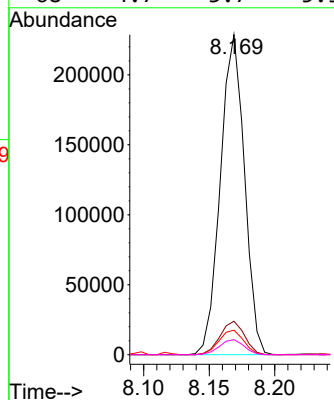
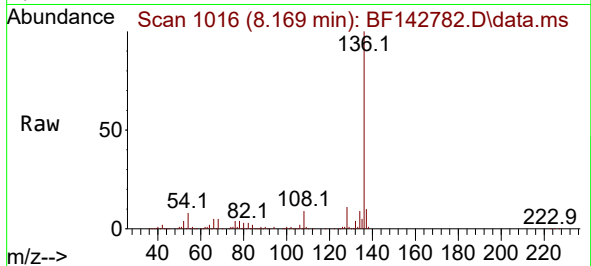




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

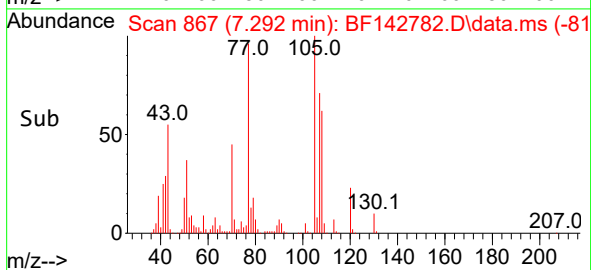
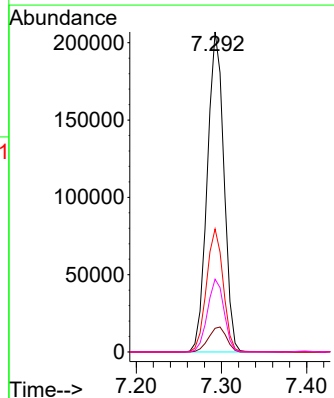
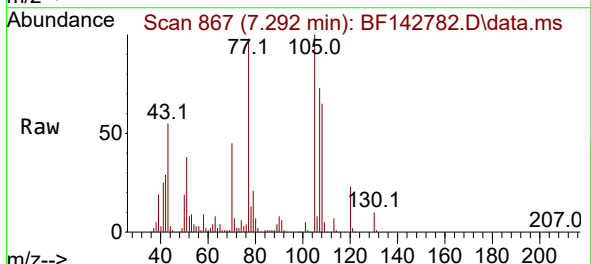
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

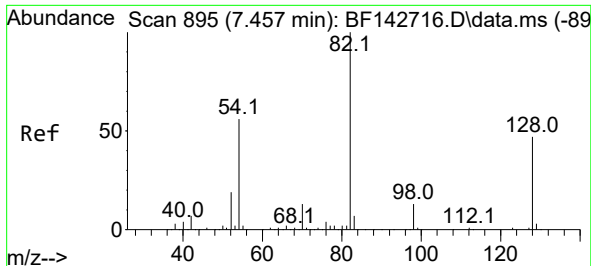
Tgt Ion:136 Resp: 291596
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 7.6 5.9 8.9
68 4.7 3.7 5.5



#22
Acetophenone
Concen: 43.382 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion:105 Resp: 281392
Ion Ratio Lower Upper
105 100
71 7.4 6.4 9.6
51 38.5 29.1 43.7
120 22.8 18.3 27.5





#23

Nitrobenzene-d5

Concen: 81.754 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF142782.D

Acq: 18 Jun 2025 17:33

Instrument :

BNA_F

ClientSampleId :

MH-CMSD

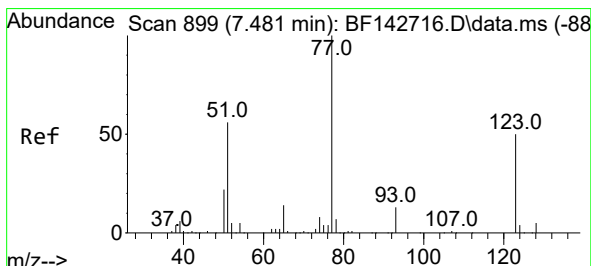
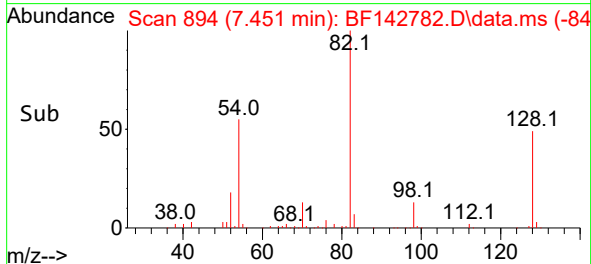
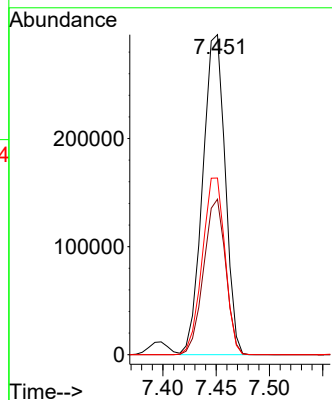
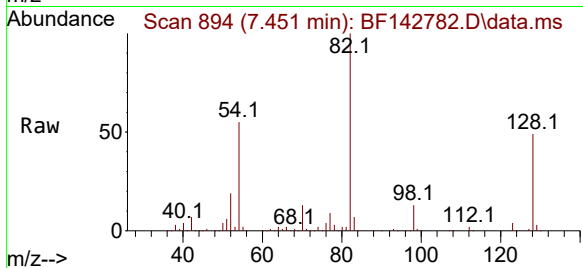
Tgt Ion: 82 Resp: 435595

Ion Ratio Lower Upper

82 100

128 48.6 37.8 56.8

54 55.2 44.9 67.3



#24

Nitrobenzene

Concen: 43.571 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF142782.D

Acq: 18 Jun 2025 17:33

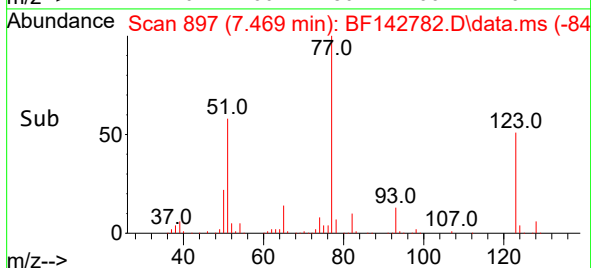
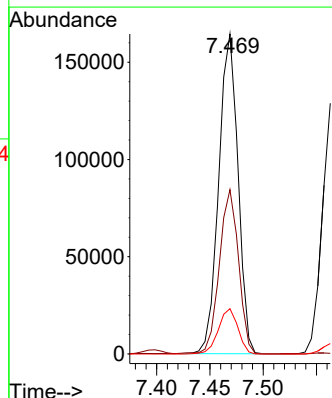
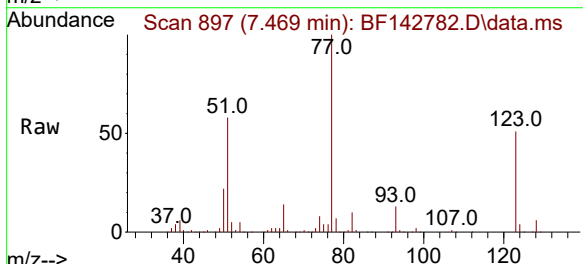
Tgt Ion: 77 Resp: 206042

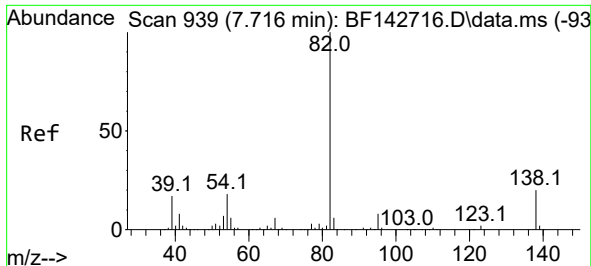
Ion Ratio Lower Upper

77 100

123 51.3 40.8 61.2

65 14.2 11.5 17.3

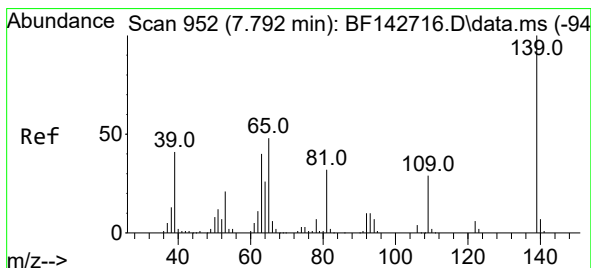
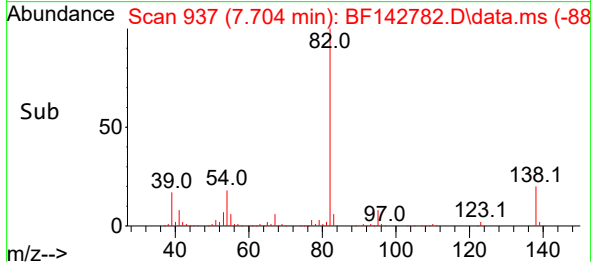
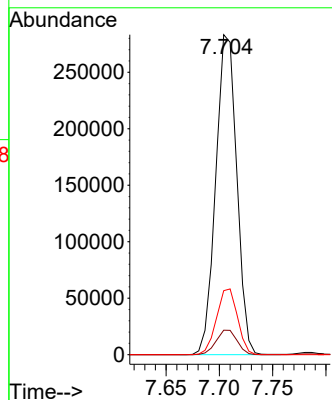
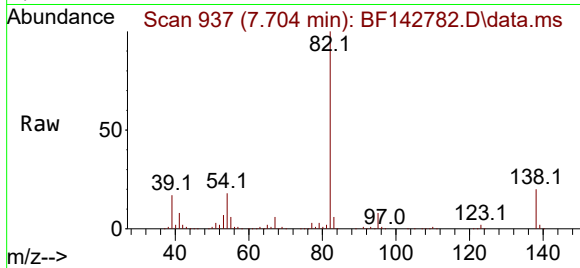




#25
Isophorone
Concen: 43.016 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

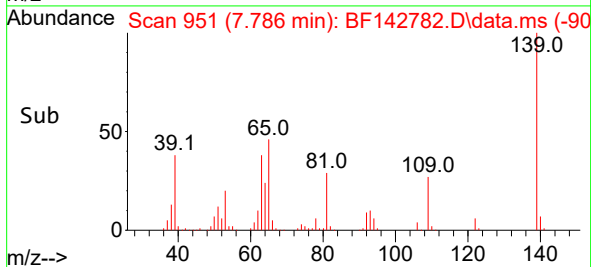
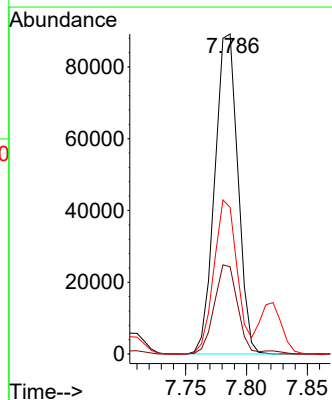
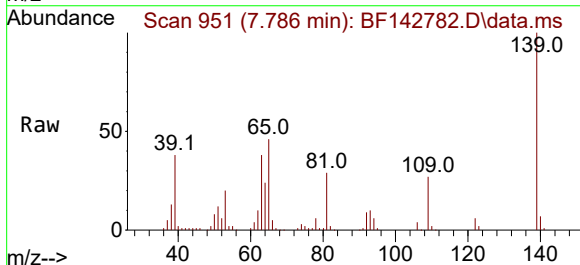
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

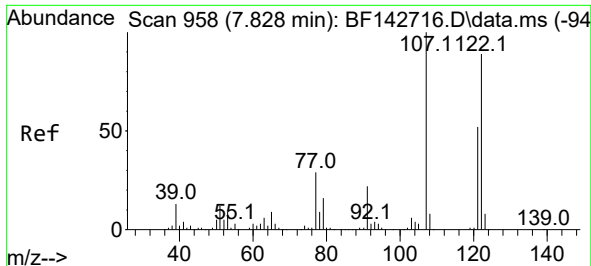
Tgt Ion: 82 Resp: 388056
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 20.0 15.8 23.6



#26
2-Nitrophenol
Concen: 44.643 ng
RT: 7.786 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion:139 Resp: 117817
Ion Ratio Lower Upper
139 100
109 27.3 23.4 35.2
65 45.8 38.7 58.1





#27

2,4-Dimethylphenol

Concen: 45.109 ng

RT: 7.822 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142782.D

Acq: 18 Jun 2025 17:33

Instrument :

BNA_F

ClientSampleId :

MH-CMSD

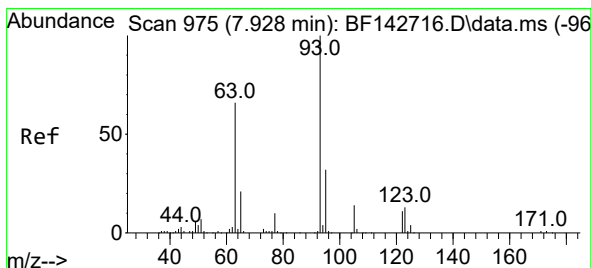
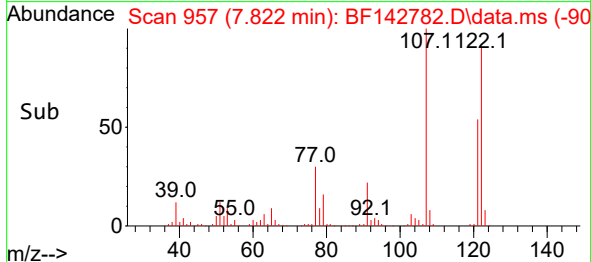
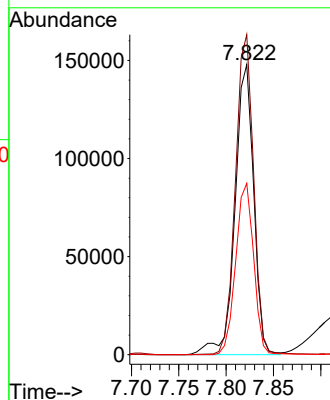
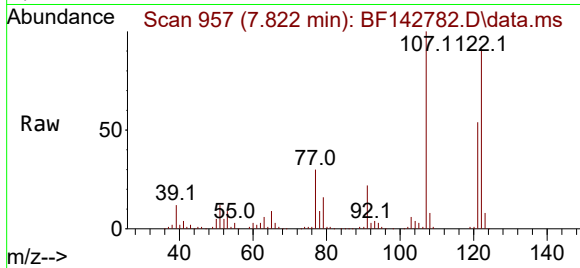
Tgt Ion:122 Resp: 202689

Ion Ratio Lower Upper

122 100

107 110.3 90.4 135.6

121 59.1 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 43.958 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.012 min

Lab File: BF142782.D

Acq: 18 Jun 2025 17:33

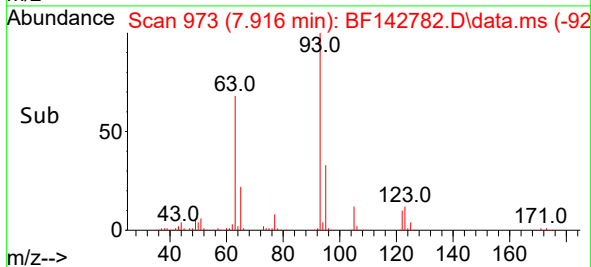
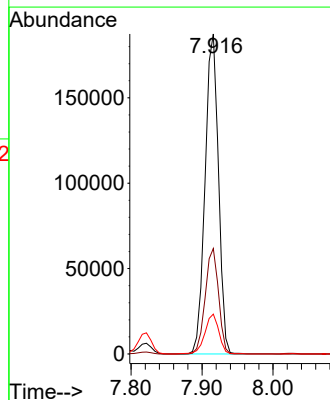
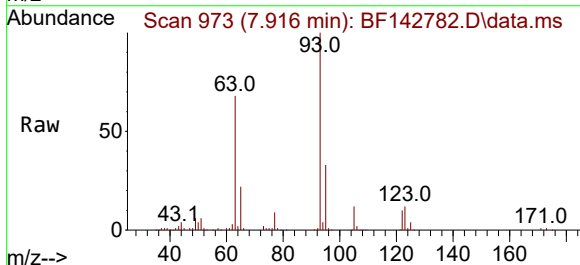
Tgt Ion: 93 Resp: 246210

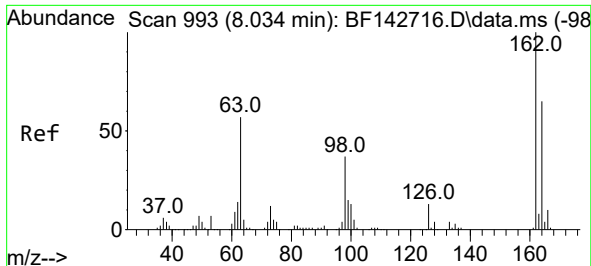
Ion Ratio Lower Upper

93 100

95 32.9 25.9 38.9

123 12.4 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 45.235 ng

RT: 8.028 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF142782.D

Acq: 18 Jun 2025 17:33

Instrument :

BNA_F

ClientSampleId :

MH-CMSD

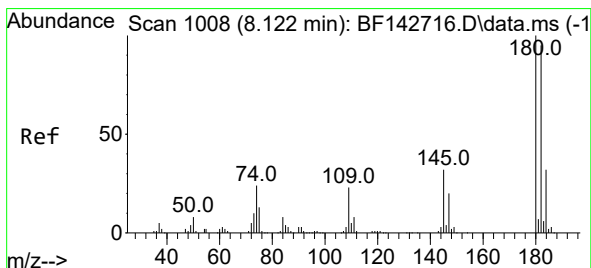
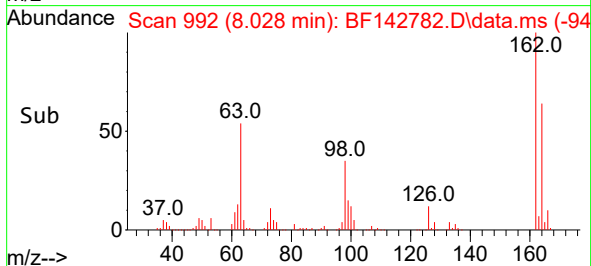
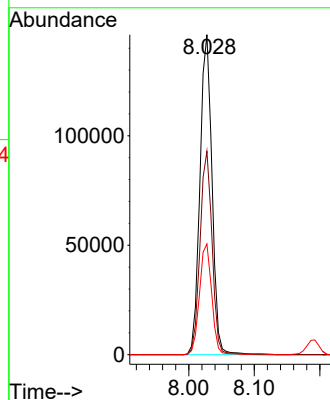
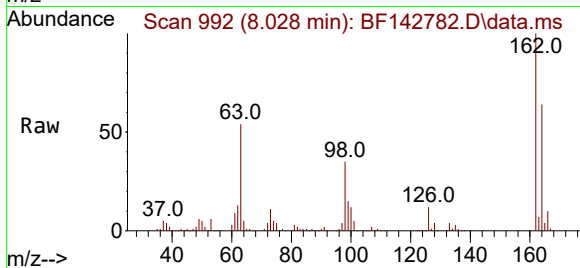
Tgt Ion:162 Resp: 187578

Ion Ratio Lower Upper

162 100

164 63.6 45.1 85.1

98 34.6 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 41.042 ng

RT: 8.110 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF142782.D

Acq: 18 Jun 2025 17:33

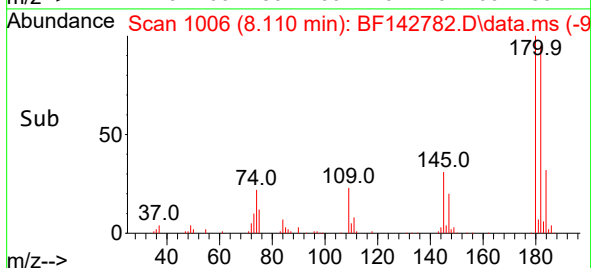
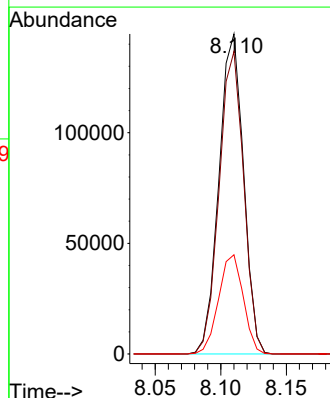
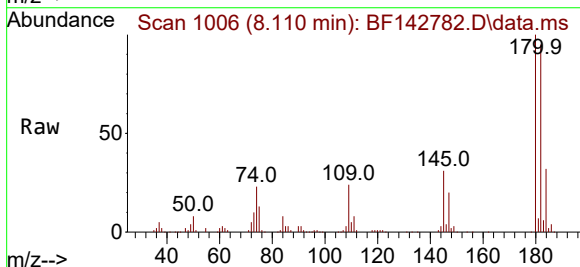
Tgt Ion:180 Resp: 188061

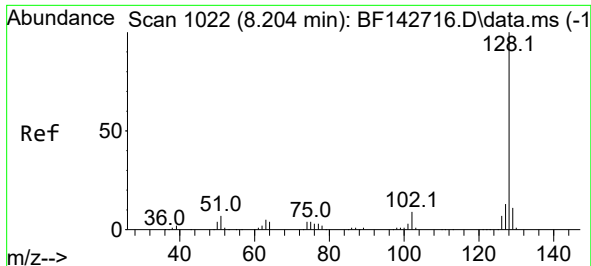
Ion Ratio Lower Upper

180 100

182 94.5 75.9 113.9

145 31.0 25.7 38.5

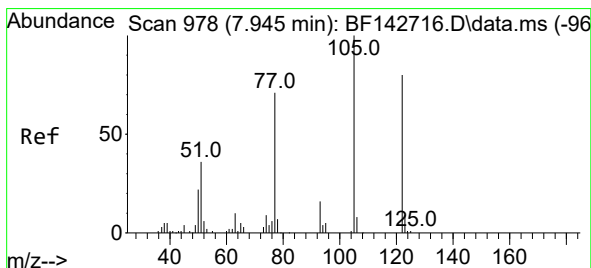
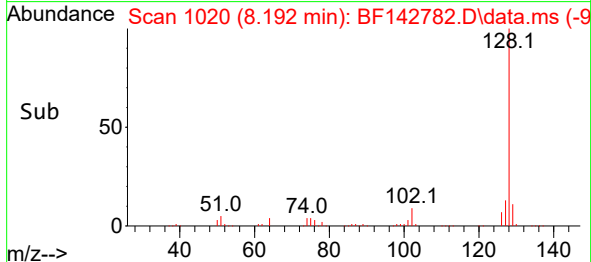
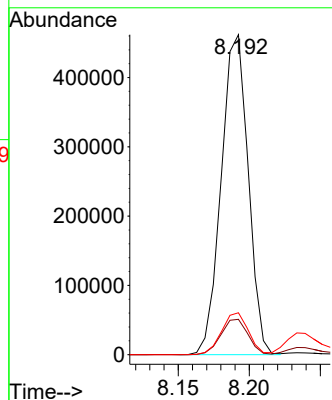
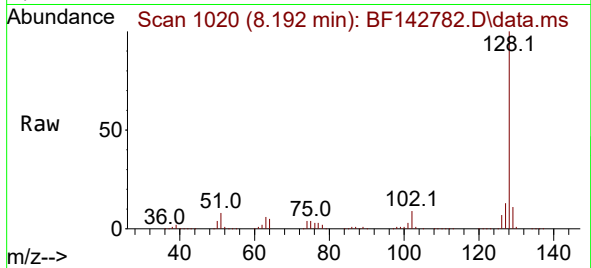




#31
Naphthalene
Concen: 42.309 ng
RT: 8.192 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

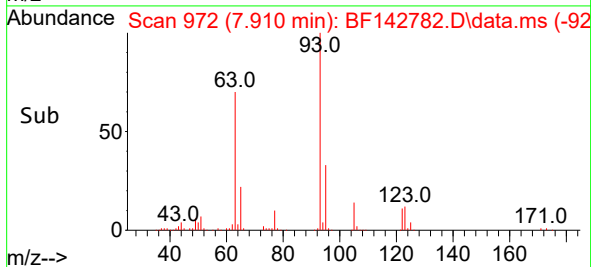
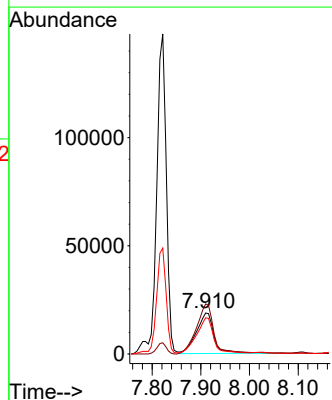
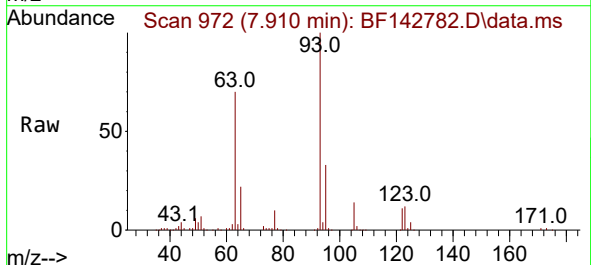
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

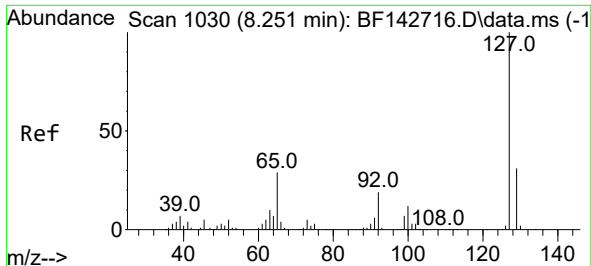
Tgt Ion:128 Resp: 610144
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 18.880 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.035 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion:122 Resp: 47775
Ion Ratio Lower Upper
122 100
105 122.5 102.6 142.6
77 88.3 68.2 108.2

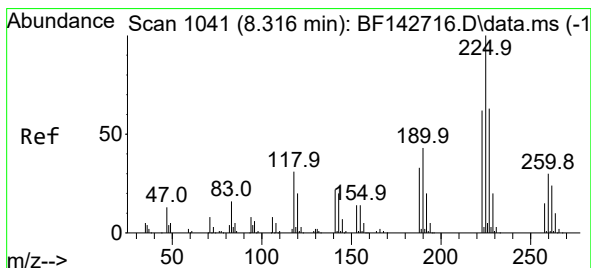
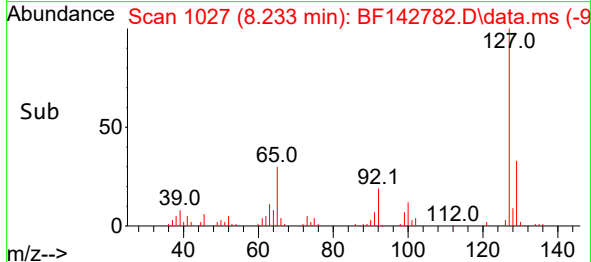
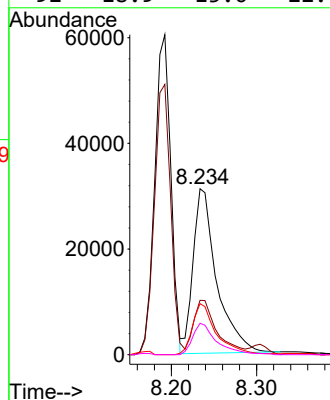
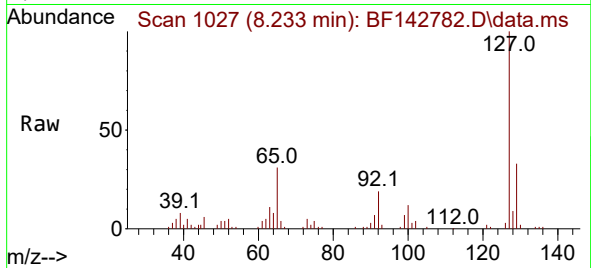




#33
4-Chloroaniline
Concen: 10.384 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.018 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

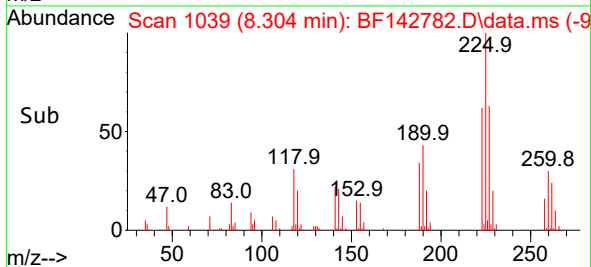
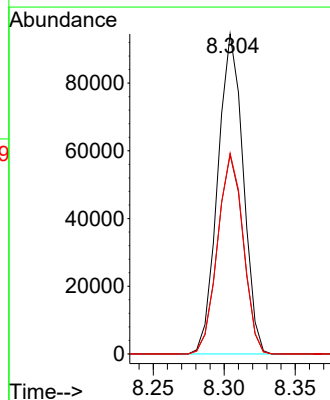
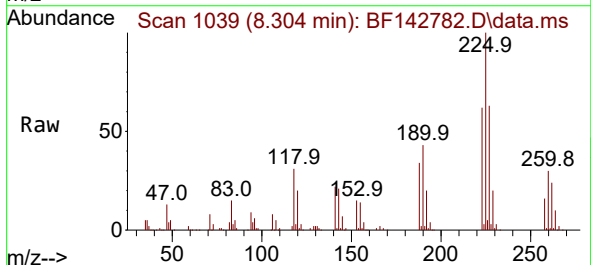
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

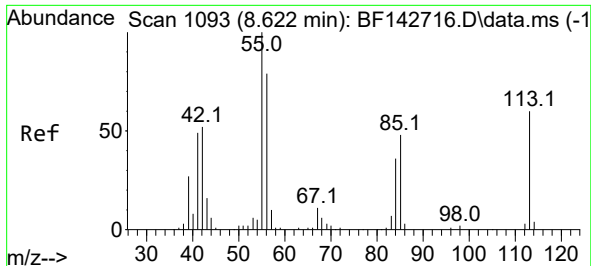
Tgt Ion:127	Resp: 60125
Ion Ratio	Lower Upper
127 100	
129 32.8	25.6 38.4
65 30.8	23.0 34.4
92 18.9	15.0 22.4



#34
Hexachlorobutadiene
Concen: 40.240 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion:225	Resp: 117499
Ion Ratio	Lower Upper
225 100	
223 62.2	49.3 73.9
227 62.8	50.6 75.8

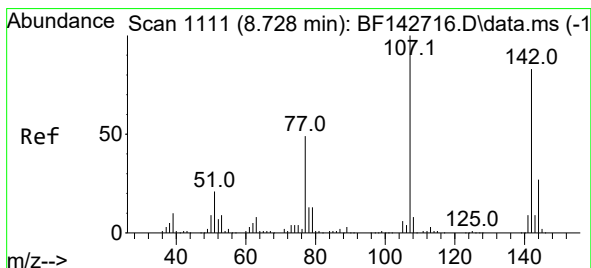
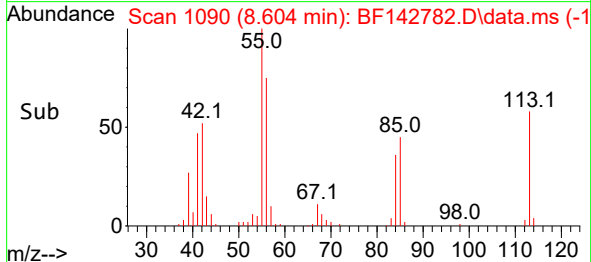
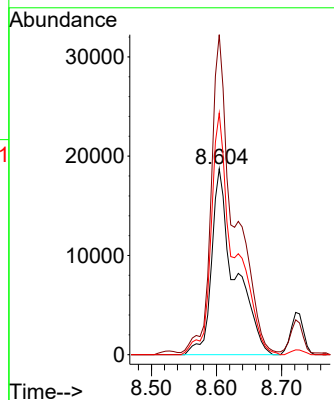
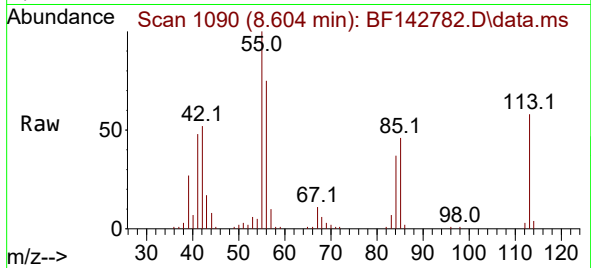




#35
 Caprolactam
 Concen: 41.311 ng m
 RT: 8.604 min Scan# 1109
 Delta R.T. -0.018 min
 Lab File: BF142782.D
 Acq: 18 Jun 2025 17:33

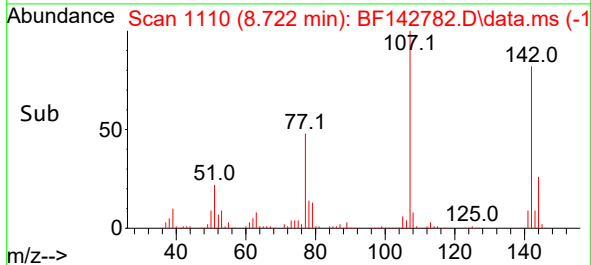
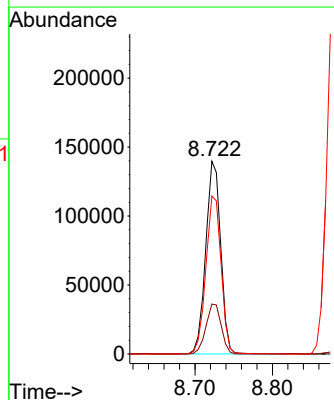
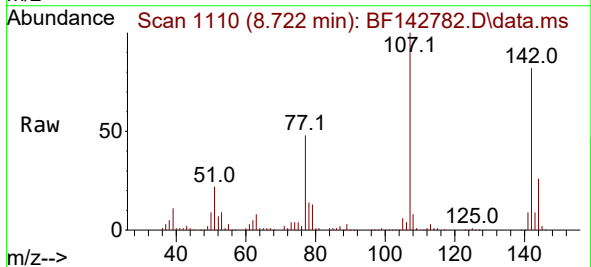
Instrument :
 BNA_F
 ClientSampleId :
 MH-CMSD

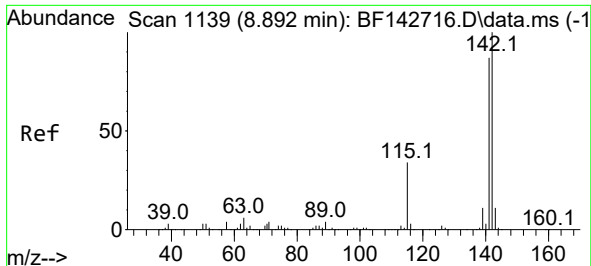
Tgt Ion:113 Resp: 46241
 Ion Ratio Lower Upper
 113 100
 55 172.1 147.9 187.9
 56 129.9 111.9 151.9



#36
 4-Chloro-3-methylphenol
 Concen: 43.508 ng
 RT: 8.722 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BF142782.D
 Acq: 18 Jun 2025 17:33

Tgt Ion:107 Resp: 187597
 Ion Ratio Lower Upper
 107 100
 144 25.9 21.3 31.9
 142 82.0 66.2 99.2

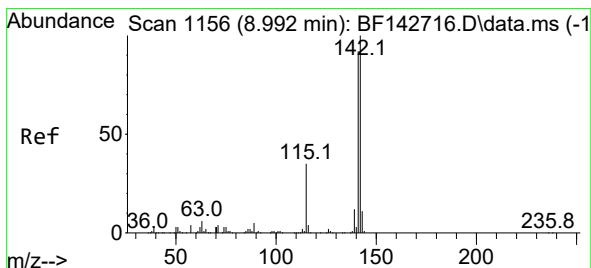
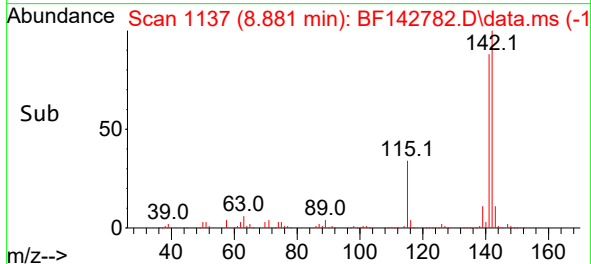
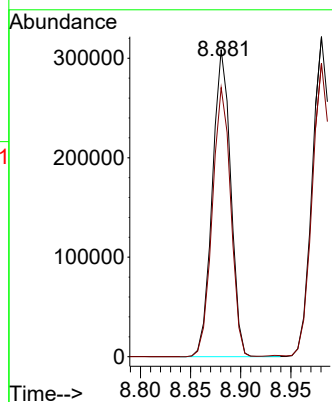
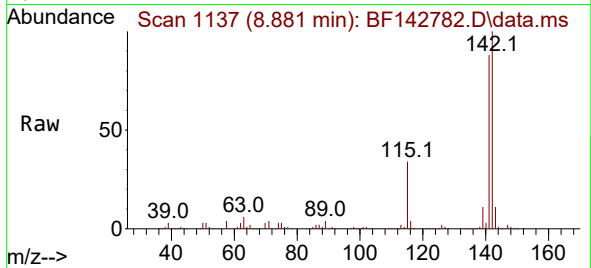




#37
2-Methylnaphthalene
Concen: 43.111 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

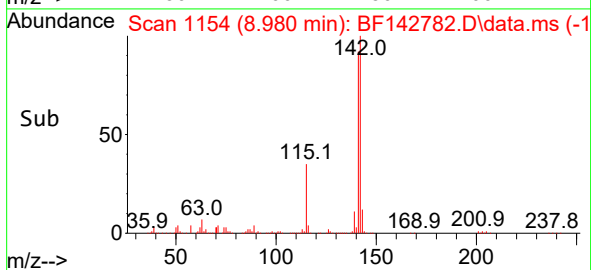
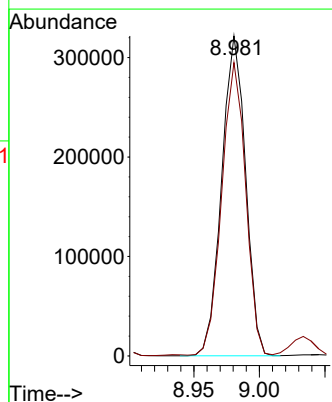
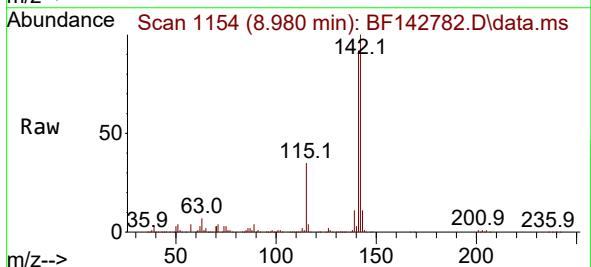
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

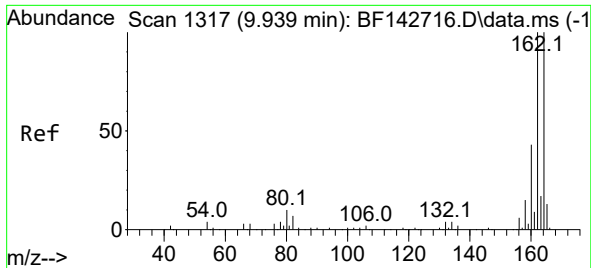
Tgt Ion:142 Resp: 393510
Ion Ratio Lower Upper
142 100
141 87.7 69.9 104.9



#38
1-Methylnaphthalene
Concen: 43.087 ng
RT: 8.980 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion:142 Resp: 407427
Ion Ratio Lower Upper
142 100
141 91.7 73.5 110.3

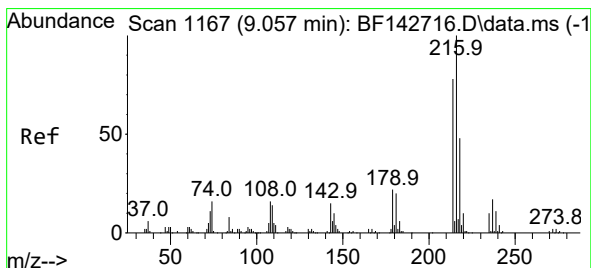
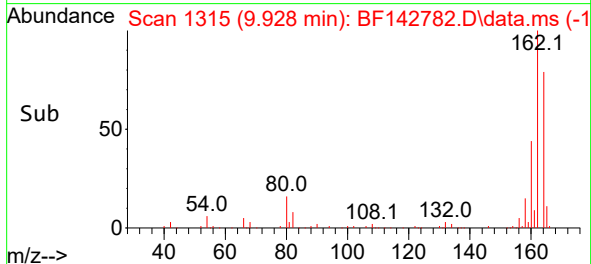
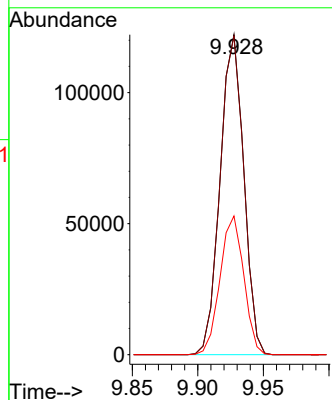
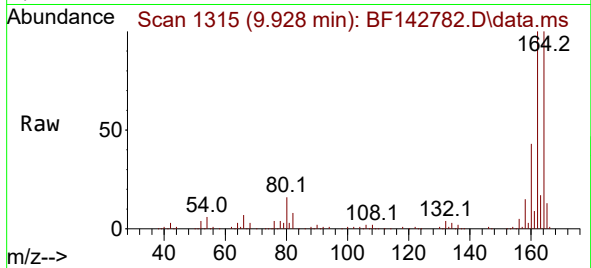




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

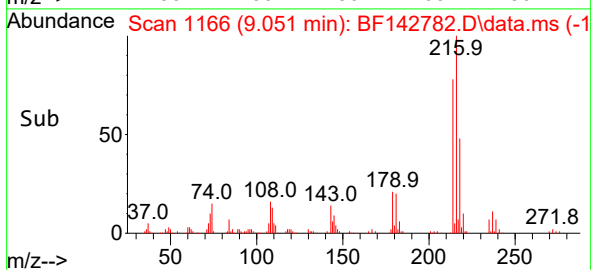
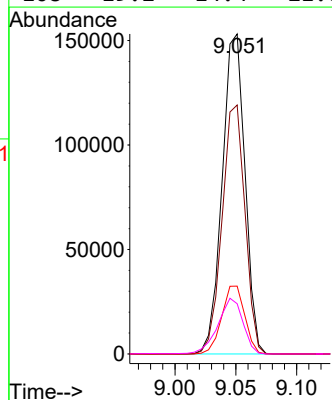
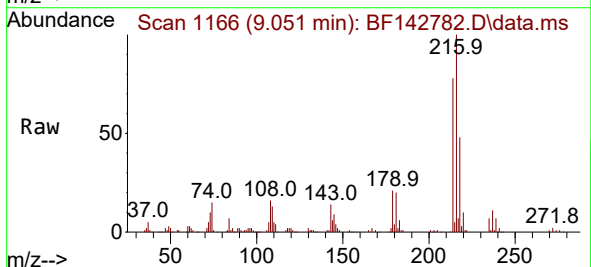
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

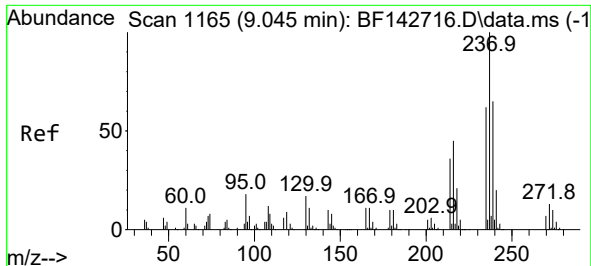
Tgt Ion:164 Resp: 152897
Ion Ratio Lower Upper
164 100
162 99.6 79.9 119.9
160 43.4 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.065 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion:216 Resp: 199424
Ion Ratio Lower Upper
216 100
214 78.1 62.6 94.0
179 21.5 17.1 25.7
108 19.2 14.4 21.6

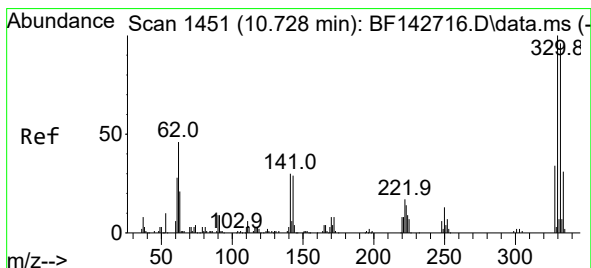
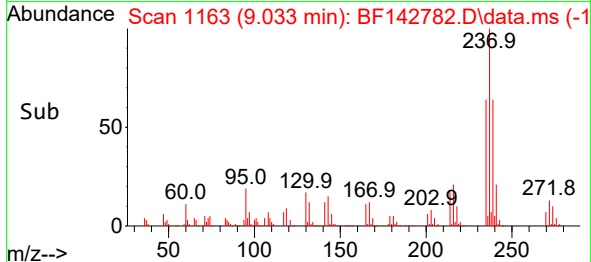
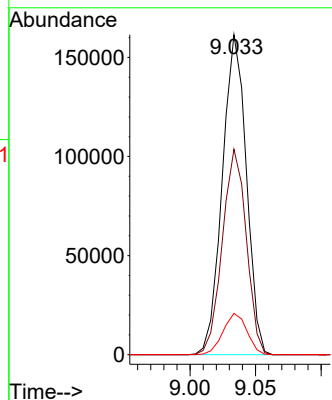
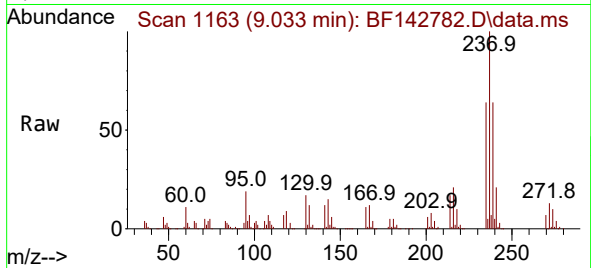




#41
Hexachlorocyclopentadiene
Concen: 72.318 ng
RT: 9.033 min Scan# 1163
Delta R.T. -0.012 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

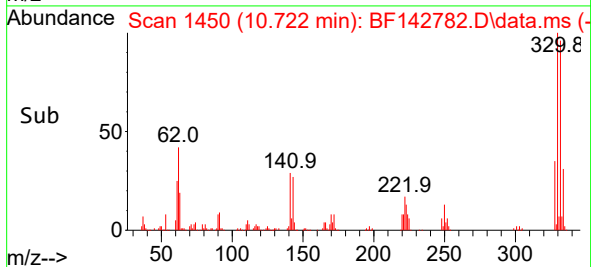
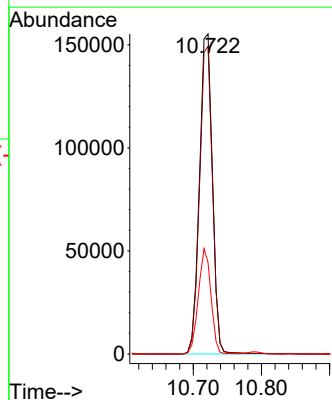
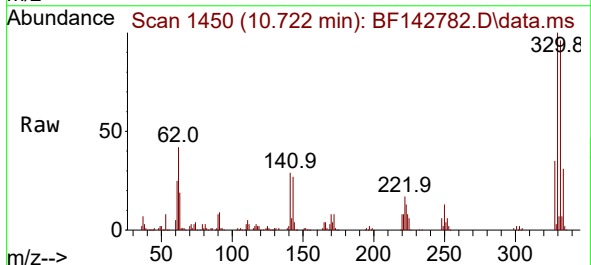
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

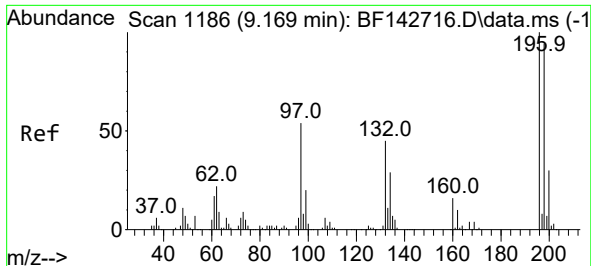
Tgt Ion:237 Resp: 205402
Ion Ratio Lower Upper
237 100
235 64.2 41.9 81.9
272 12.9 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 122.341 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion:330 Resp: 205011
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 31.7 25.4 38.0





#43

2,4,6-Trichlorophenol

Concen: 47.519 ng

RT: 9.163 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF142782.D

Acq: 18 Jun 2025 17:33

Instrument :

BNA_F

ClientSampleId :

MH-CMSD

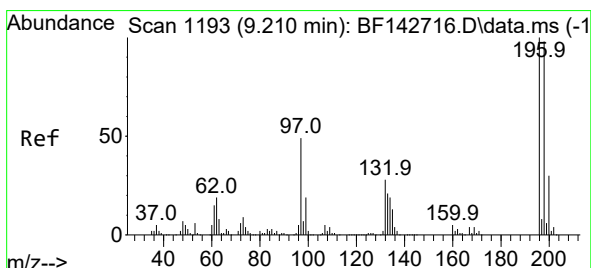
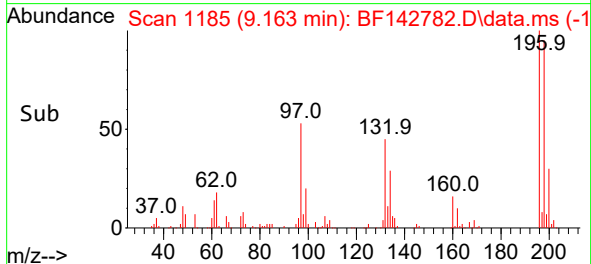
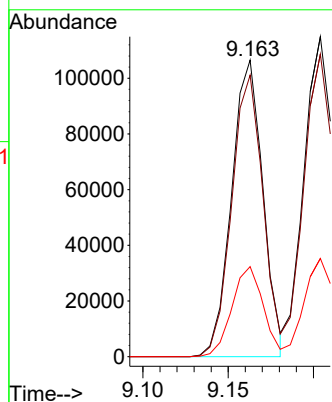
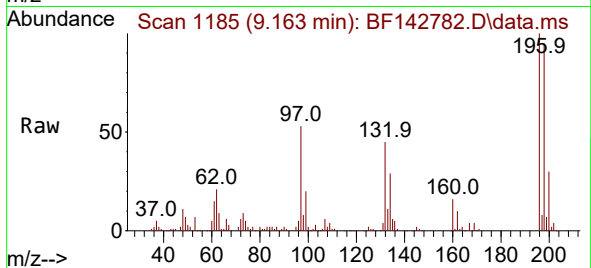
Tgt Ion:196 Resp: 136122

Ion Ratio Lower Upper

196 100

198 94.9 75.5 113.3

200 30.4 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 46.599 ng

RT: 9.204 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF142782.D

Acq: 18 Jun 2025 17:33

Tgt Ion:196 Resp: 144177

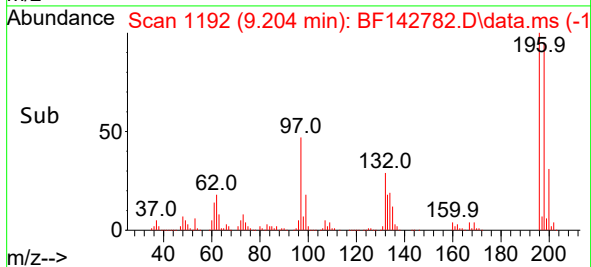
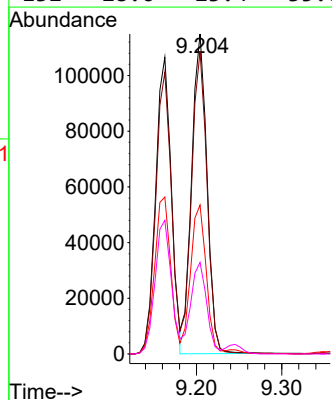
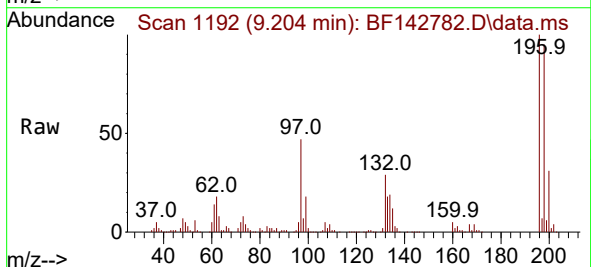
Ion Ratio Lower Upper

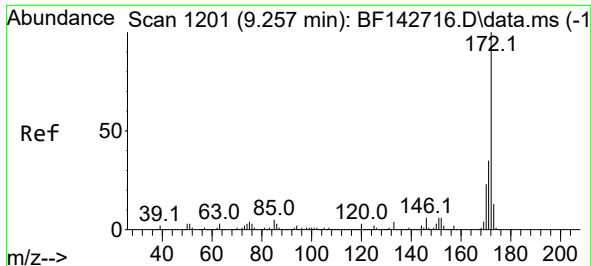
196 100

198 94.6 78.2 117.2

97 46.5 38.6 57.8

132 28.6 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 80.445 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF142782.D

Acq: 18 Jun 2025 17:33

Instrument :

BNA_F

ClientSampleId :

MH-CMSD

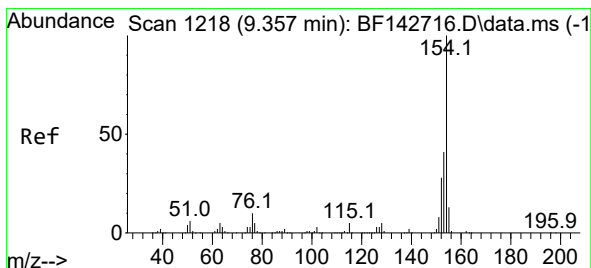
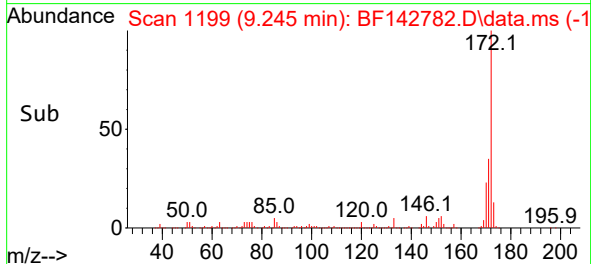
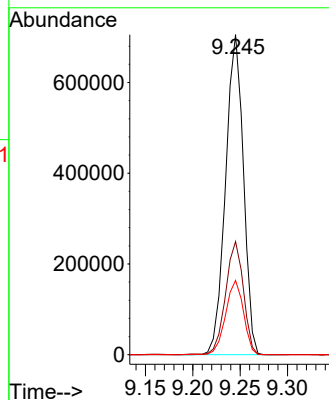
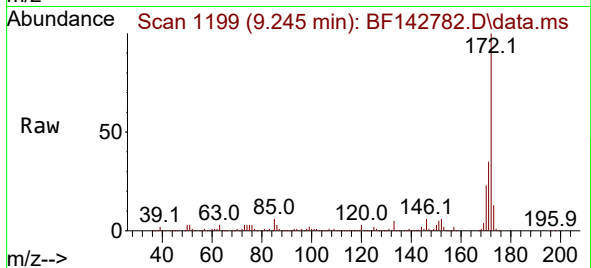
Tgt Ion:172 Resp: 925807

Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.2 18.6 27.8



#46

1,1'-Biphenyl

Concen: 46.056 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF142782.D

Acq: 18 Jun 2025 17:33

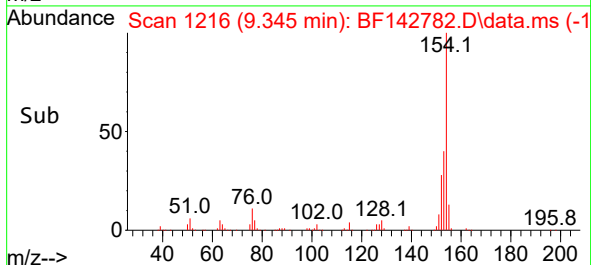
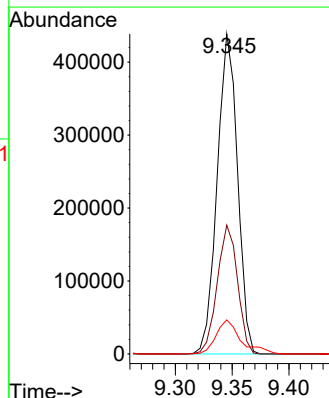
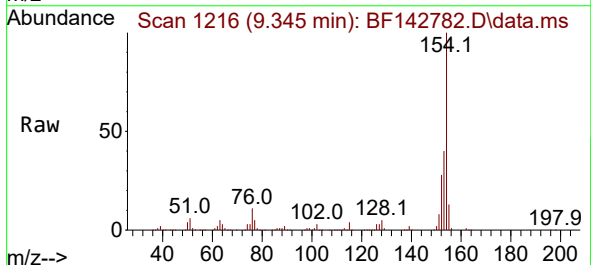
Tgt Ion:154 Resp: 546808

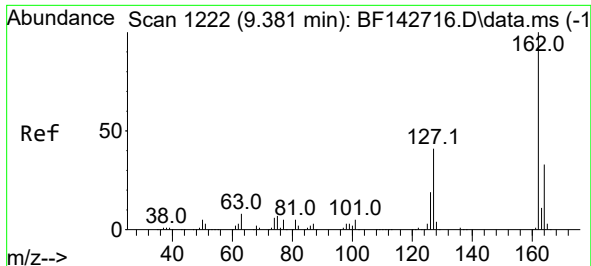
Ion Ratio Lower Upper

154 100

153 40.3 20.6 60.6

76 10.6 0.0 30.2

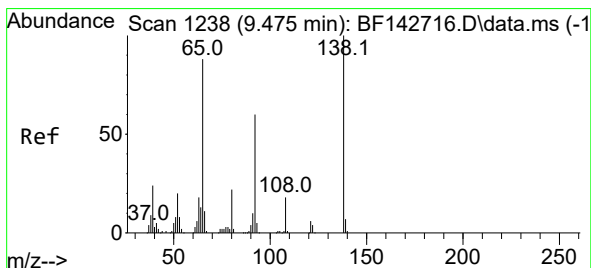
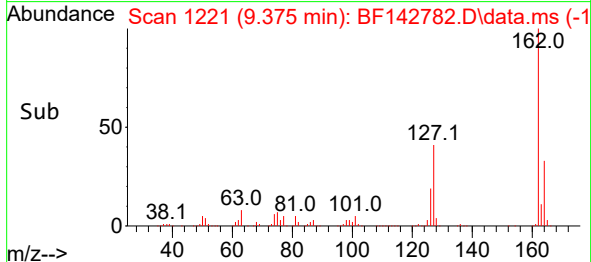
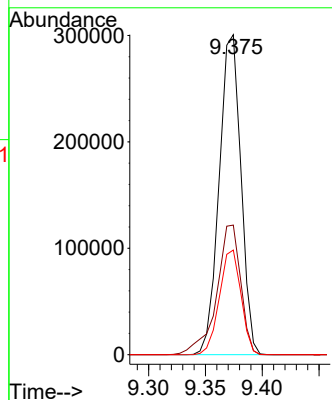
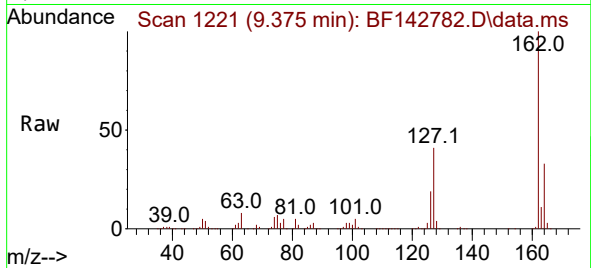




#47
2-Chloronaphthalene
Concen: 45.790 ng
RT: 9.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

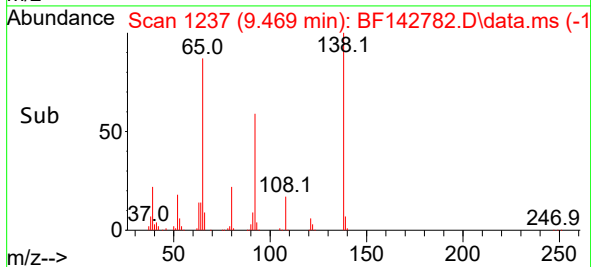
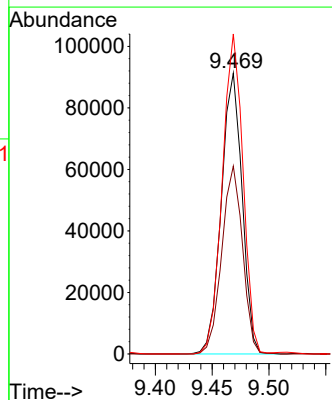
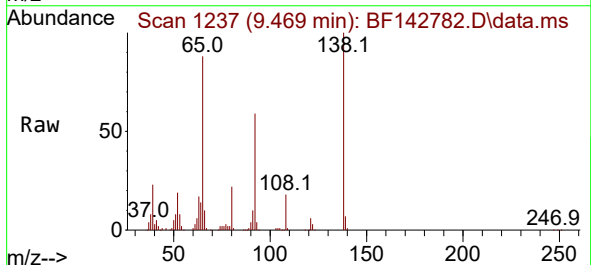
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

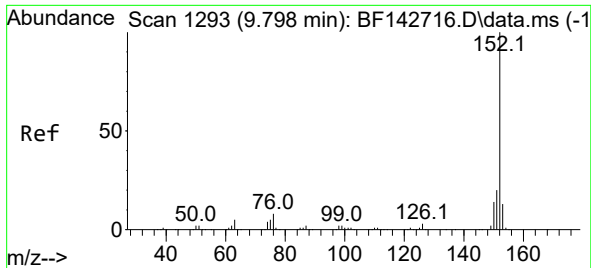
Tgt Ion:162 Resp: 400518
Ion Ratio Lower Upper
162 100
127 40.5 33.5 50.3
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 46.737 ng
RT: 9.469 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion: 65 Resp: 116272
Ion Ratio Lower Upper
65 100
92 66.9 54.5 81.7
138 113.9 90.6 136.0

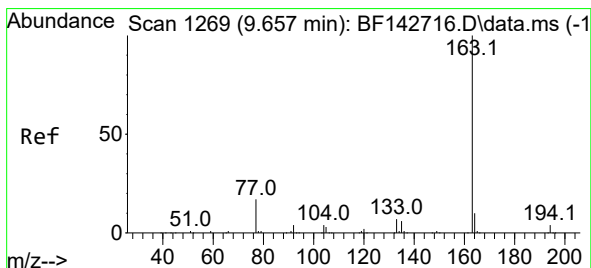
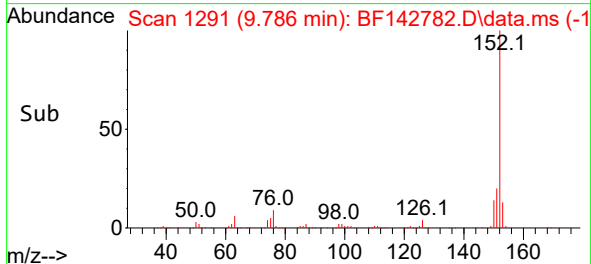
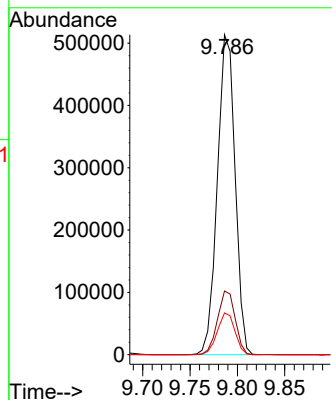
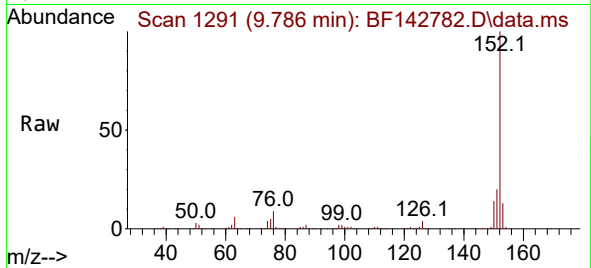




#49
Acenaphthylene
Concen: 45.322 ng
RT: 9.786 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

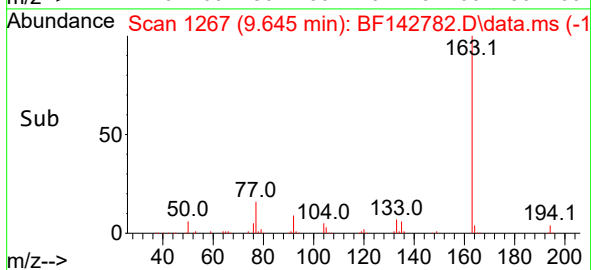
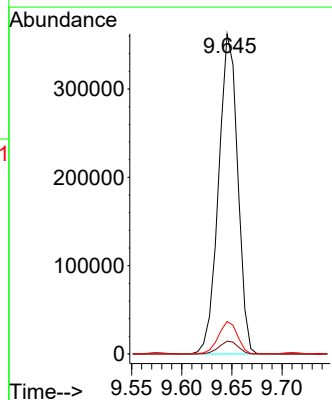
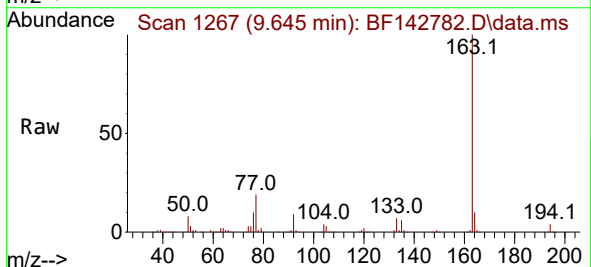
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

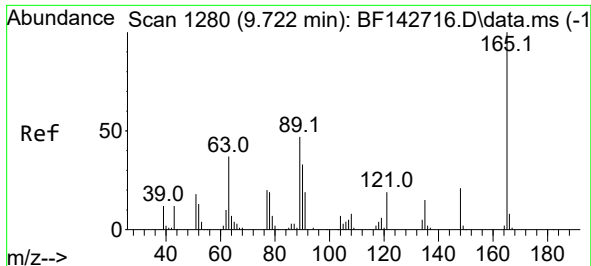
Tgt Ion:152 Resp: 668423
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 46.999 ng
RT: 9.645 min Scan# 1267
Delta R.T. -0.012 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion:163 Resp: 479868
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 8.0 12.0

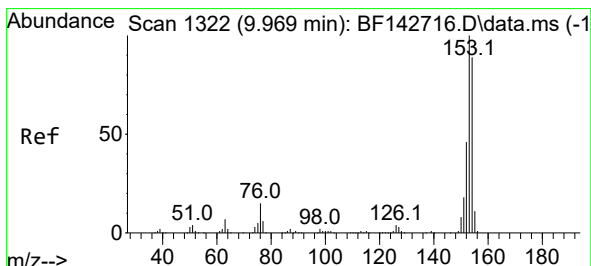
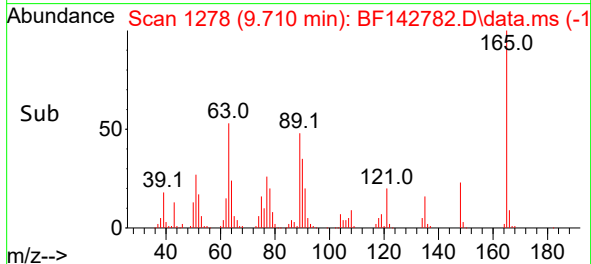
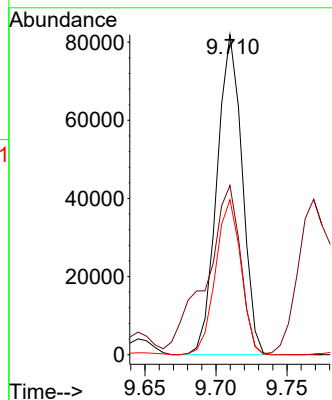
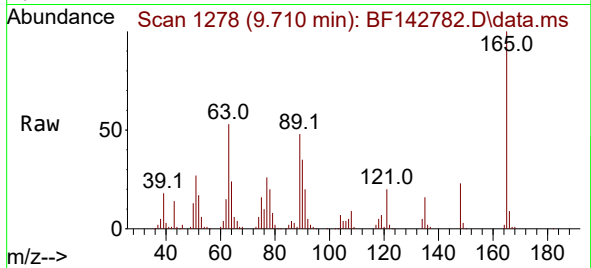




#51
2,6-Dinitrotoluene
Concen: 45.815 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

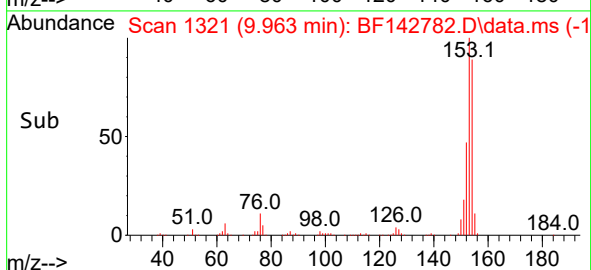
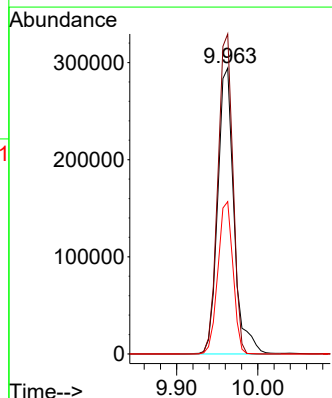
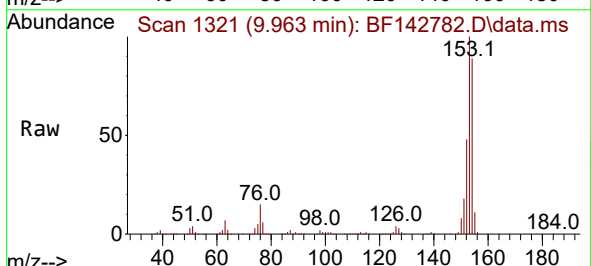
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

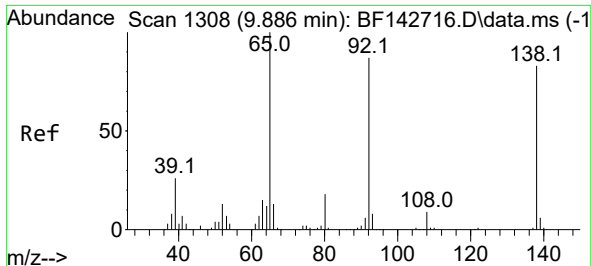
Tgt Ion:165 Resp: 101099
Ion Ratio Lower Upper
165 100
63 52.9 40.6 60.8
89 48.4 37.6 56.4



#52
Acenaphthene
Concen: 45.005 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion:154 Resp: 411533
Ion Ratio Lower Upper
154 100
153 111.9 90.1 135.1
152 53.3 41.9 62.9

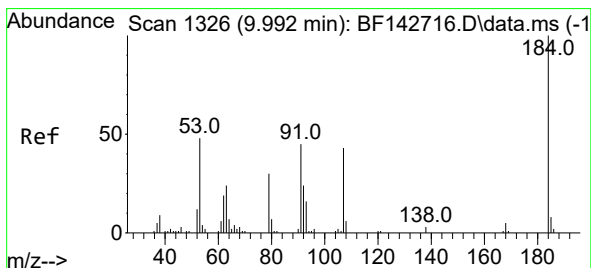
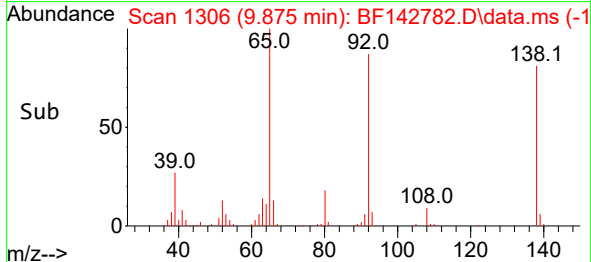
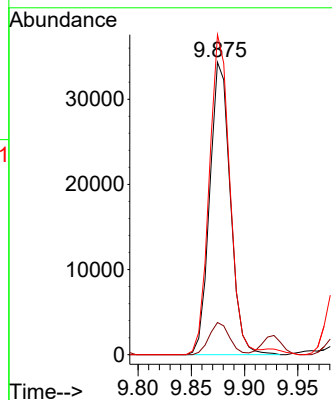
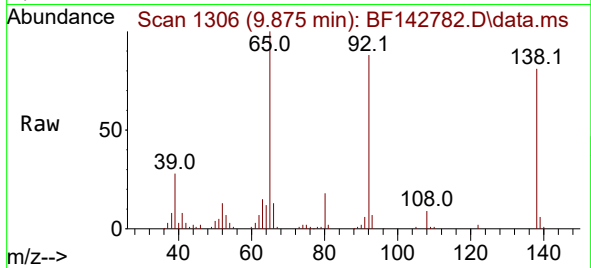




#53
3-Nitroaniline
Concen: 19.296 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

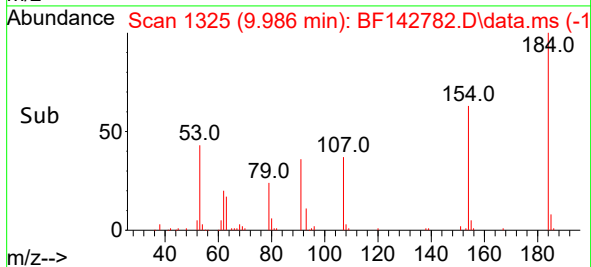
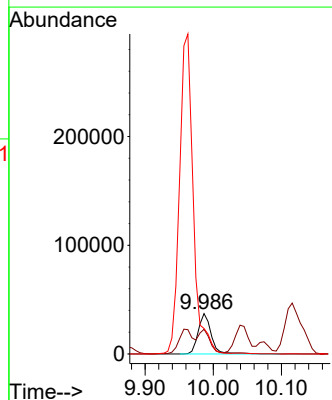
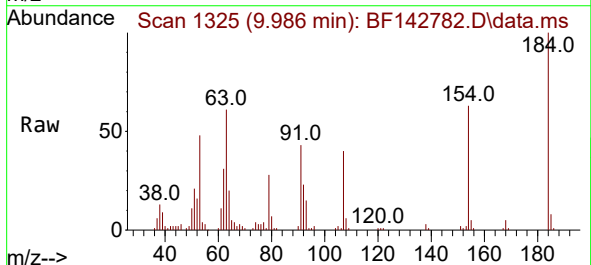
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

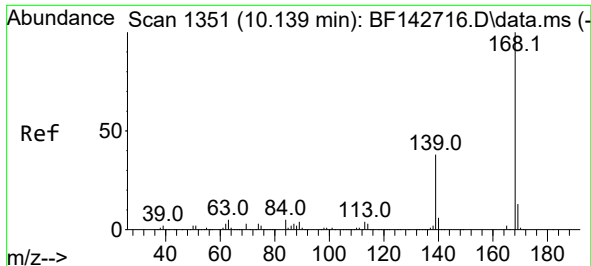
Tgt Ion:138 Resp: 46184
Ion Ratio Lower Upper
138 100
108 11.0 8.3 12.5
92 109.4 84.6 127.0



#54
2,4-Dinitrophenol
Concen: 40.749 ng
RT: 9.986 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion:184 Resp: 49256
Ion Ratio Lower Upper
184 100
63 61.2 51.7 77.5
154 63.1 60.1 90.1

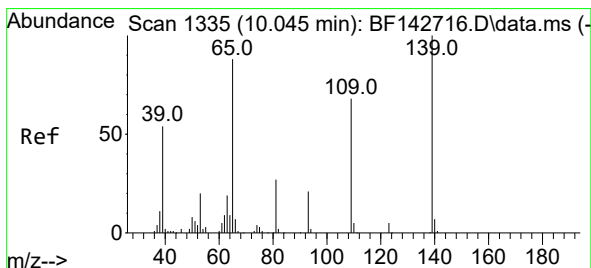
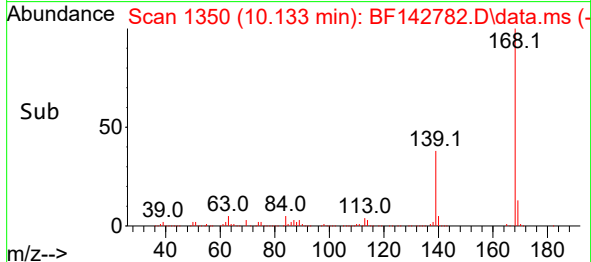
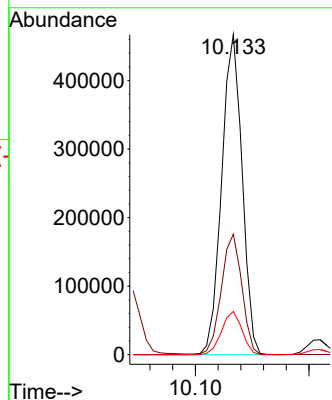
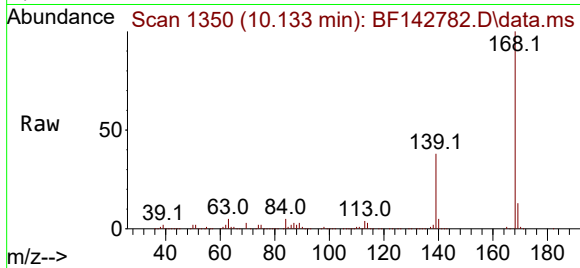




#55
Dibenzenofuran
Concen: 44.792 ng
RT: 10.133 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

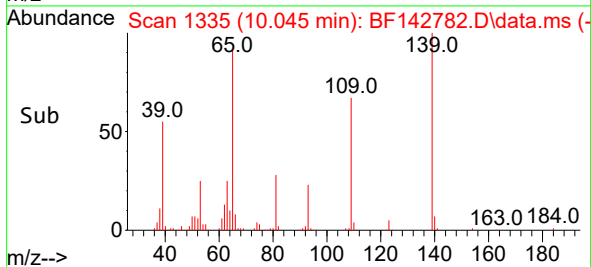
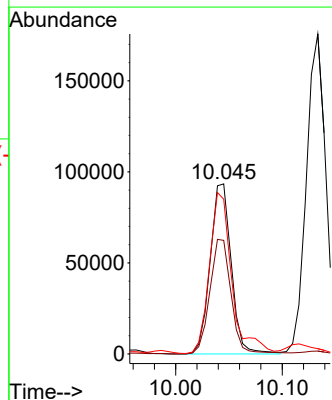
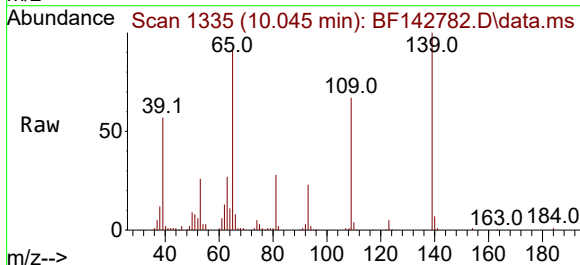
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

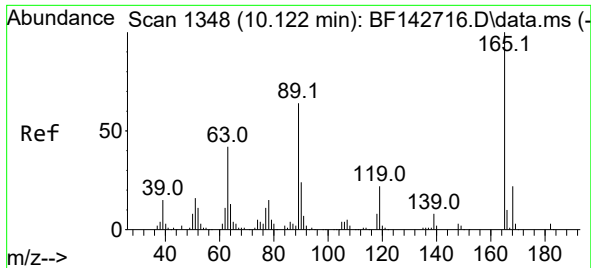
Tgt Ion:168 Resp: 583257
Ion Ratio Lower Upper
168 100
139 37.6 30.9 46.3
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 79.378 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion:139 Resp: 128856
Ion Ratio Lower Upper
139 100
109 66.8 47.5 87.5
65 90.9 69.2 109.2

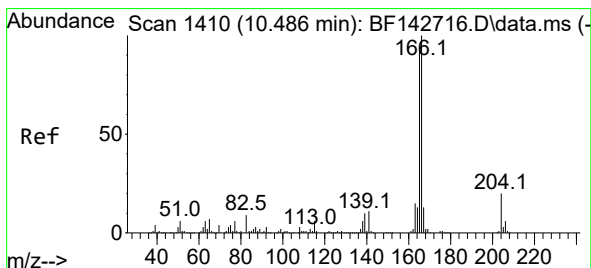
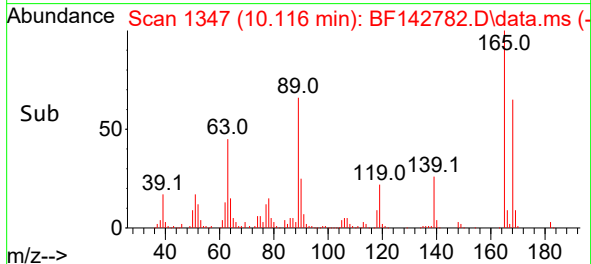
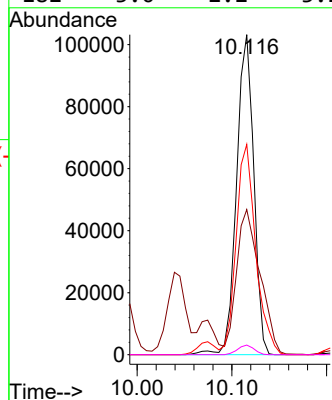
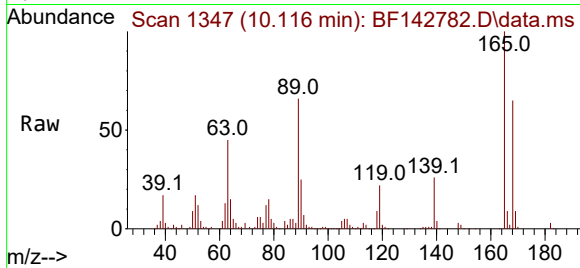




#57
2,4-Dinitrotoluene
Concen: 44.682 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

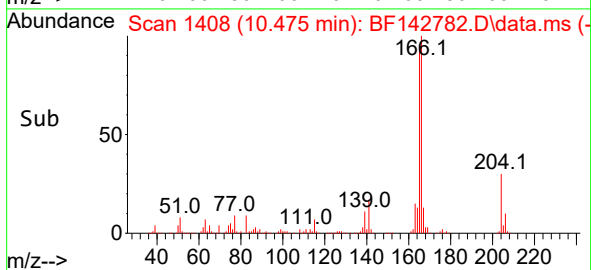
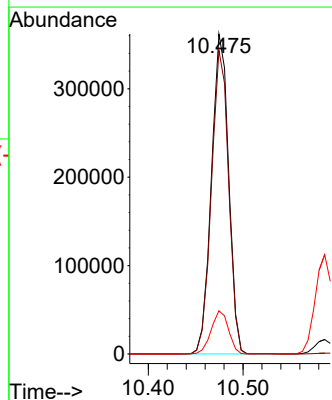
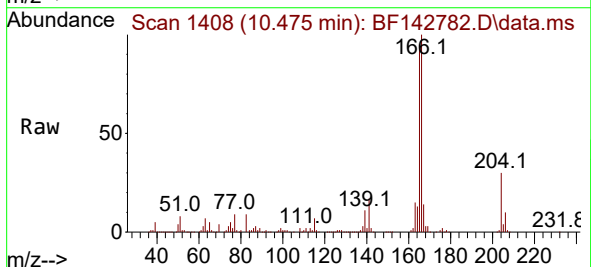
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

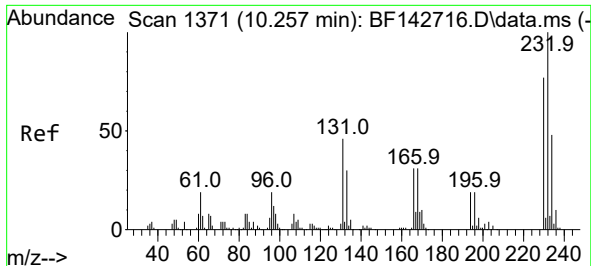
Tgt Ion:165 Resp: 130364
Ion Ratio Lower Upper
165 100
63 45.4 34.1 51.1
89 65.7 50.8 76.2
182 3.0 2.2 3.2



#58
Fluorene
Concen: 44.449 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion:166 Resp: 457058
Ion Ratio Lower Upper
166 100
165 94.8 74.9 112.3
167 13.5 10.7 16.1

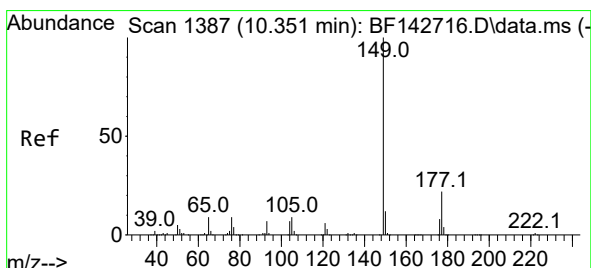
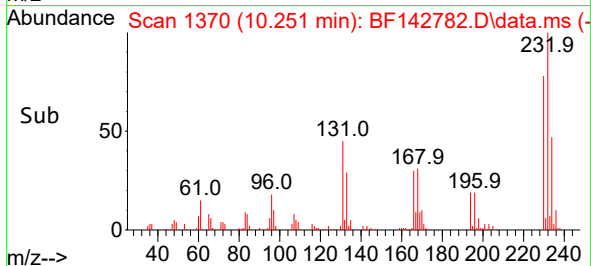
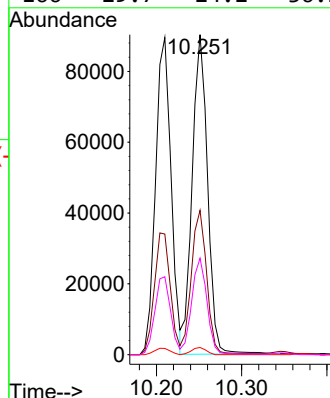
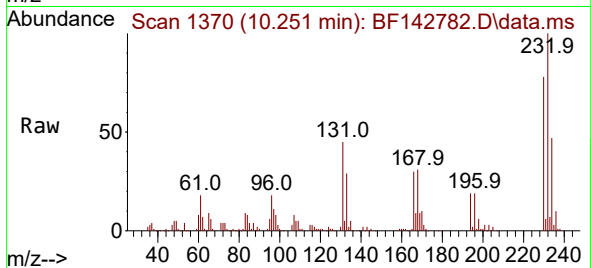




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.354 ng
RT: 10.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

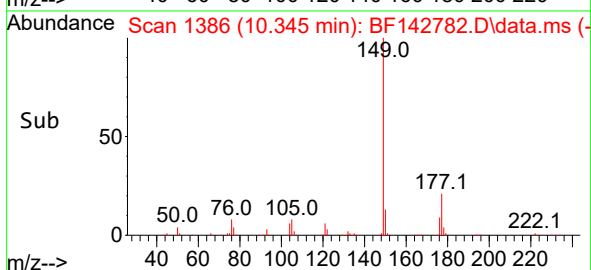
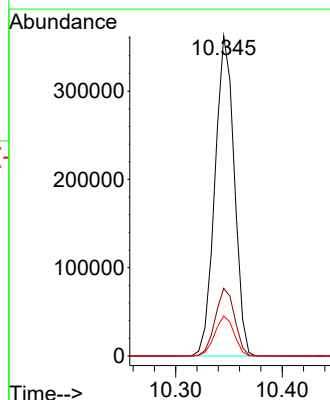
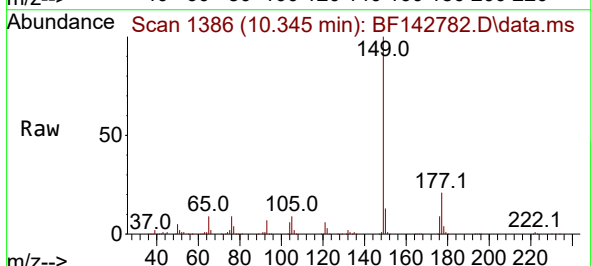
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

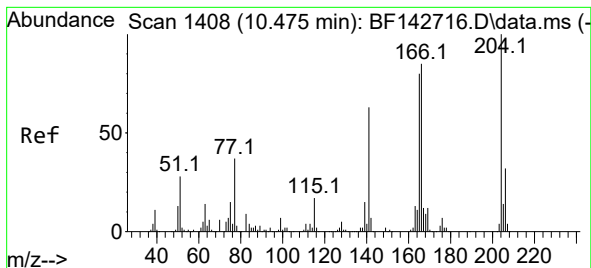
Tgt Ion:232 Resp: 112849
Ion Ratio Lower Upper
232 100
131 45.7 35.8 53.8
130 2.1 1.8 2.6
166 29.7 24.2 36.2



#60
Diethylphthalate
Concen: 45.107 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion:149 Resp: 456676
Ion Ratio Lower Upper
149 100
177 21.2 17.4 26.0
150 12.5 10.0 15.0

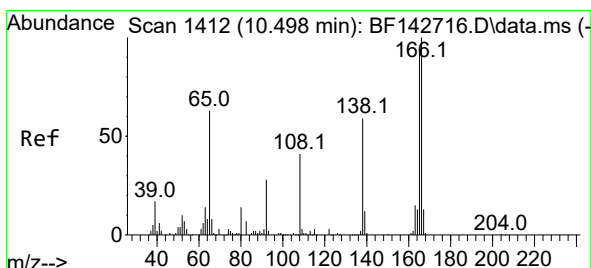
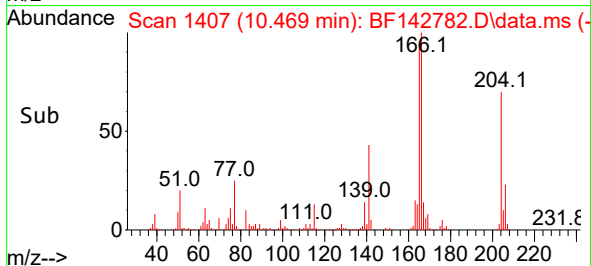
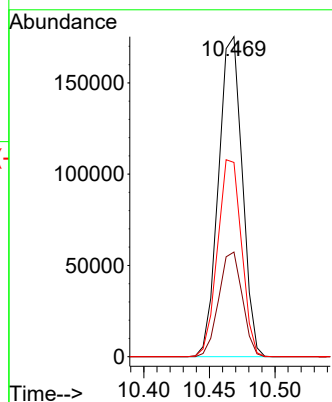
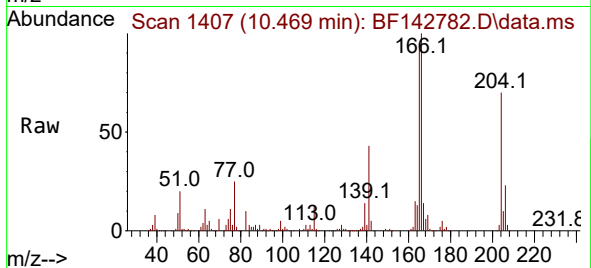




#61
4-Chlorophenyl-phenylether
Concen: 44.012 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

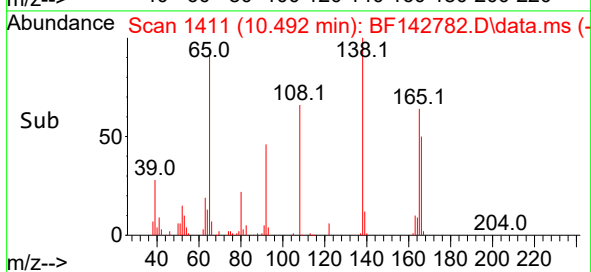
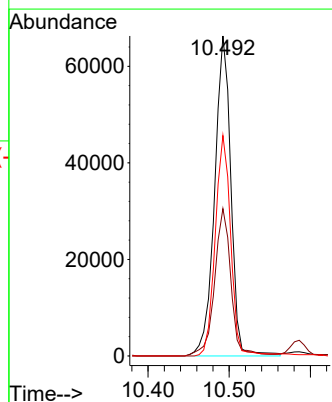
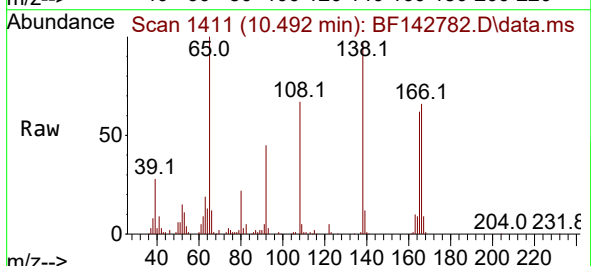
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

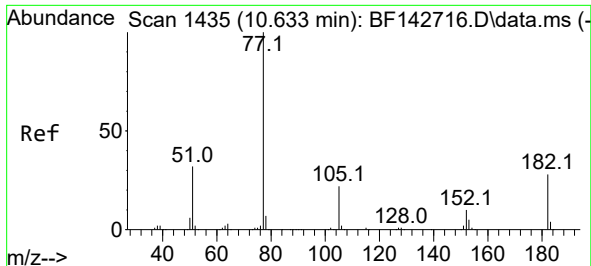
Tgt Ion:204 Resp: 221019
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 60.7 50.2 75.4



#62
4-Nitroaniline
Concen: 43.245 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion:138 Resp: 92600
Ion Ratio Lower Upper
138 100
92 46.1 27.2 67.2
108 68.9 49.9 89.9

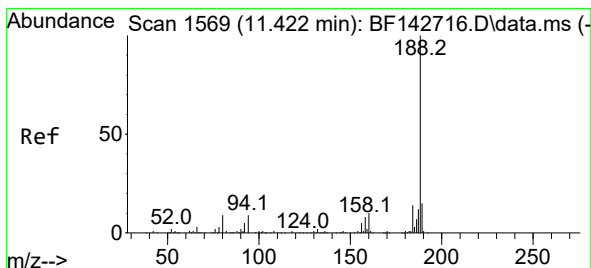
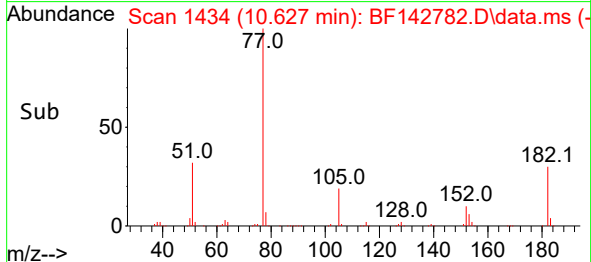
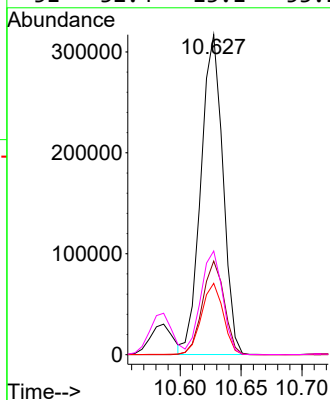
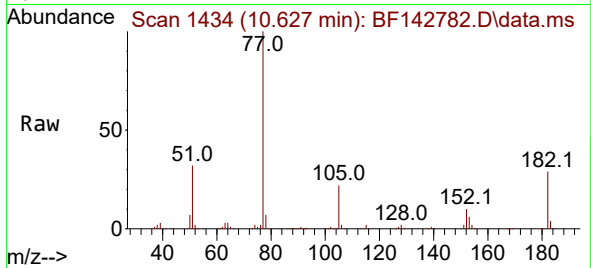




#63
Azobenzene
Concen: 44.919 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

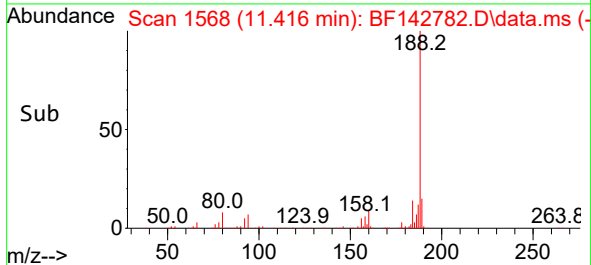
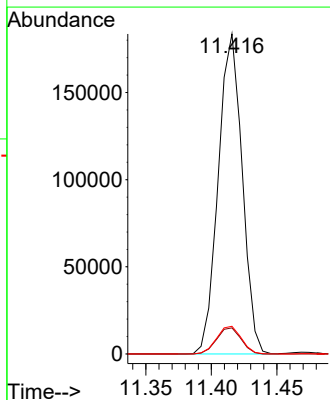
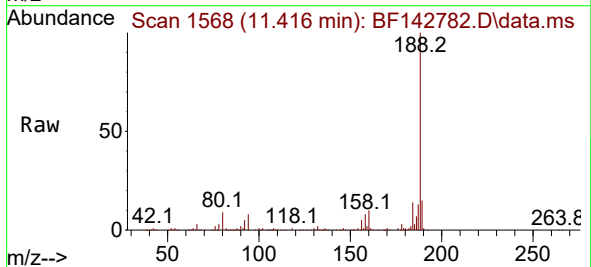
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

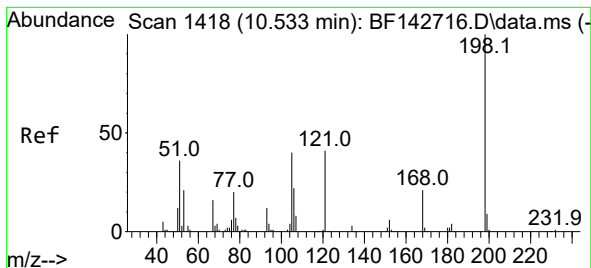
Tgt Ion: 77	Resp: 397182
Ion Ratio	Lower Upper
77 100	
182 29.2	7.8 47.8
105 22.3	1.9 41.9
51 32.4	13.1 53.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion:188	Resp: 233118
Ion Ratio	Lower Upper
188 100	
94 8.1	6.8 10.2
80 8.6	7.1 10.7

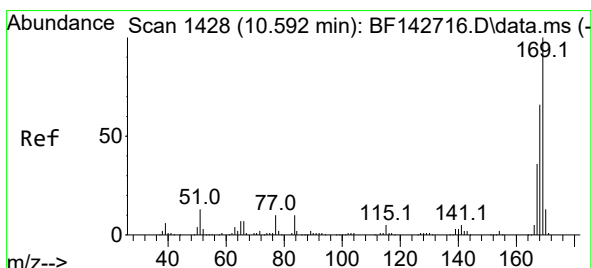
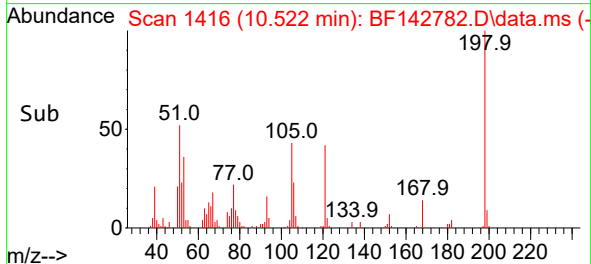
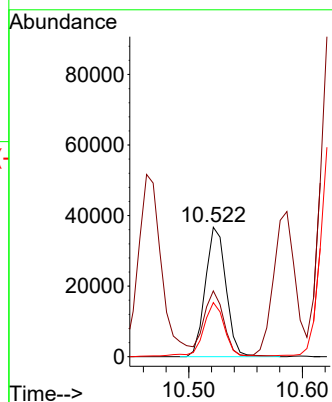
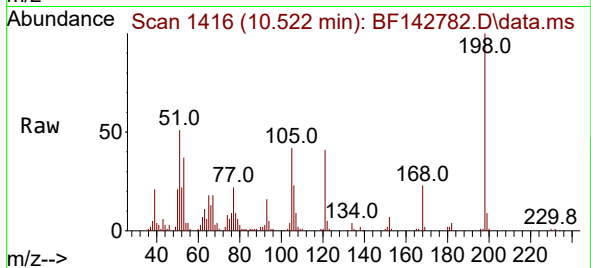




#65
4,6-Dinitro-2-methylphenol
Concen: 31.761 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

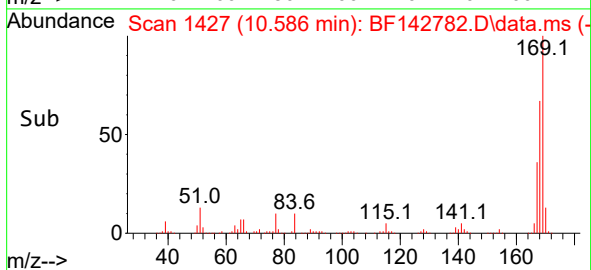
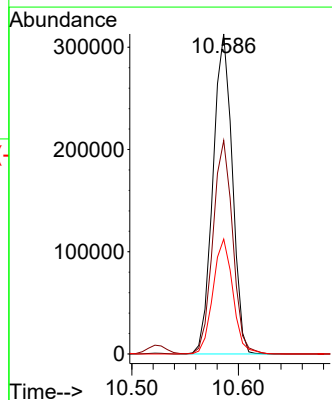
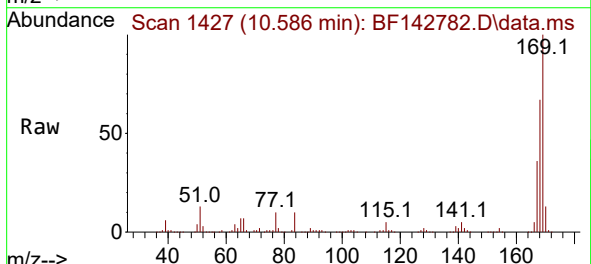
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

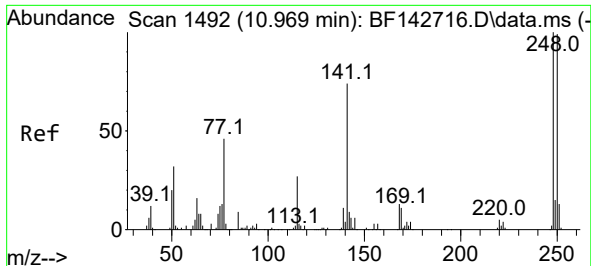
Tgt Ion:198 Resp: 46366
Ion Ratio Lower Upper
198 100
51 50.8 25.5 65.5
105 41.8 21.1 61.1



#66
n-Nitrosodiphenylamine
Concen: 49.164 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion:169 Resp: 393959
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.4
167 35.9 28.7 43.1

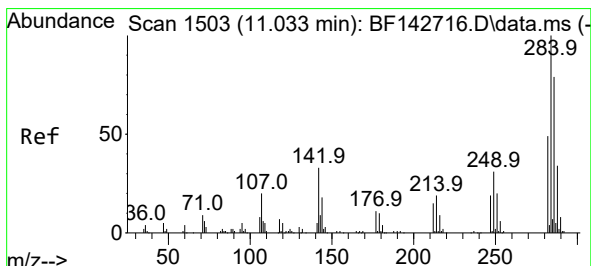
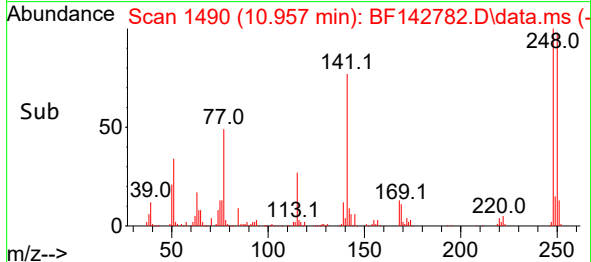
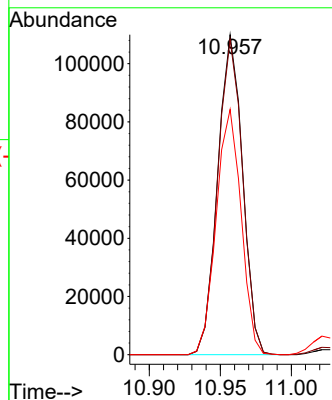
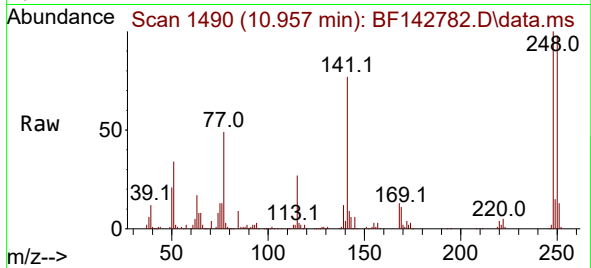




#67
4-Bromophenyl-phenylether
Concen: 48.760 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

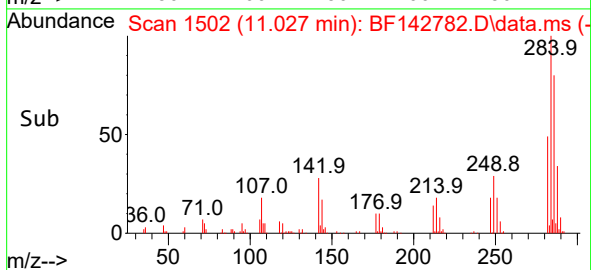
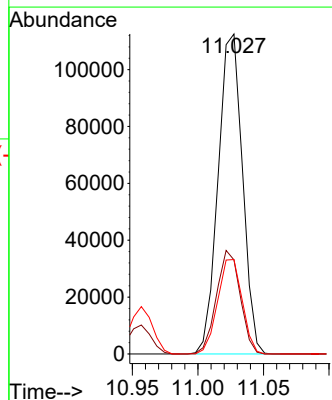
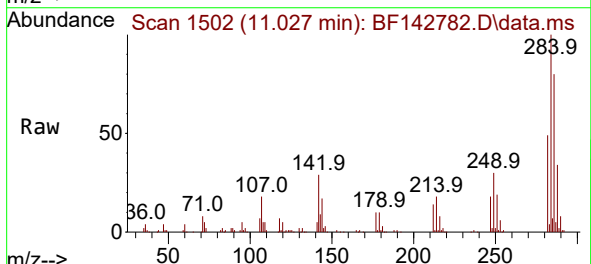
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

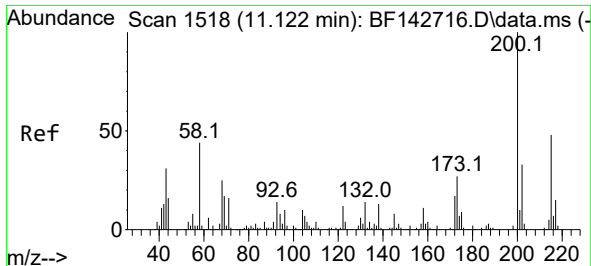
Tgt Ion:248 Resp: 134174
Ion Ratio Lower Upper
248 100
250 98.5 79.2 118.8
141 76.7 59.3 88.9



#68
Hexachlorobenzene
Concen: 47.502 ng
RT: 11.027 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion:284 Resp: 145092
Ion Ratio Lower Upper
284 100
142 29.4 26.0 39.0
249 29.5 24.6 37.0

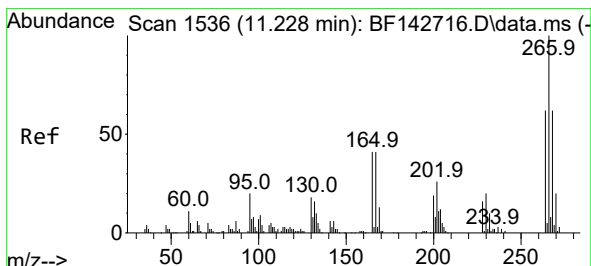
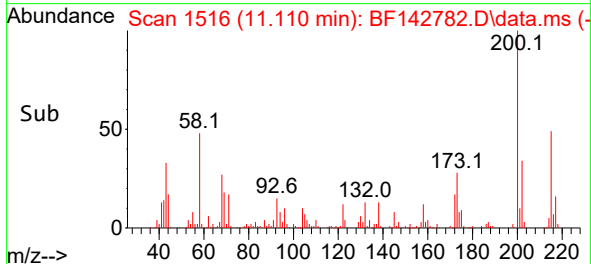
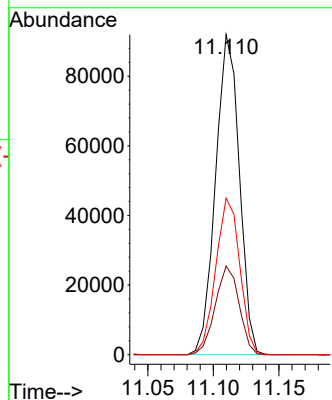
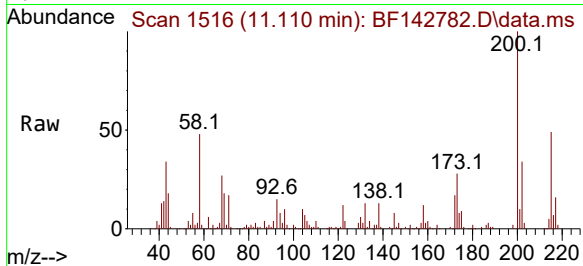




#69
 Atrazine
 Concen: 54.195 ng
 RT: 11.110 min Scan# 1516
 Delta R.T. -0.012 min
 Lab File: BF142782.D
 Acq: 18 Jun 2025 17:33

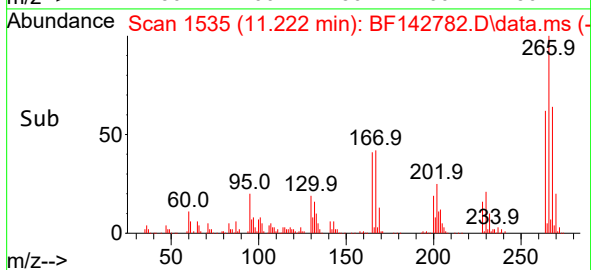
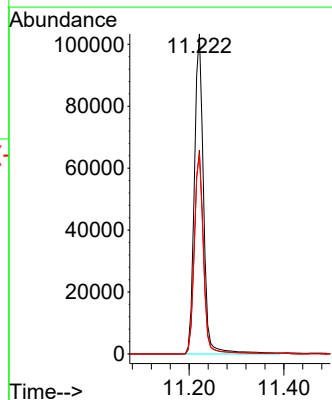
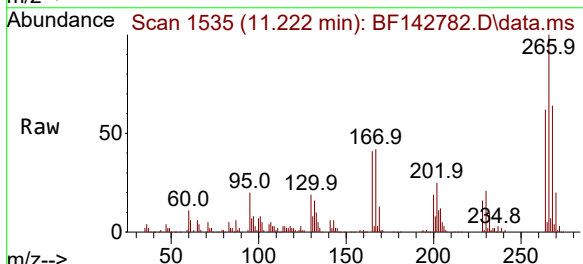
Instrument :
 BNA_F
 ClientSampleId :
 MH-CMSD

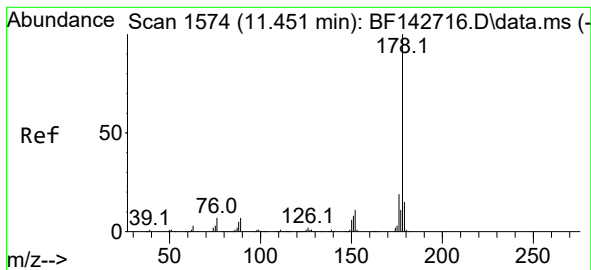
Tgt Ion:200 Resp: 115780
 Ion Ratio Lower Upper
 200 100
 173 27.7 7.4 47.4
 215 49.0 28.2 68.2



#70
 Pentachlorophenol
 Concen: 86.932 ng
 RT: 11.222 min Scan# 1535
 Delta R.T. -0.006 min
 Lab File: BF142782.D
 Acq: 18 Jun 2025 17:33

Tgt Ion:266 Resp: 139188
 Ion Ratio Lower Upper
 266 100
 268 63.6 49.6 74.4
 264 62.4 49.5 74.3





#71

Phenanthrene

Concen: 47.537 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF142782.D

Acq: 18 Jun 2025 17:33

Instrument :

BNA_F

ClientSampleId :

MH-CMSD

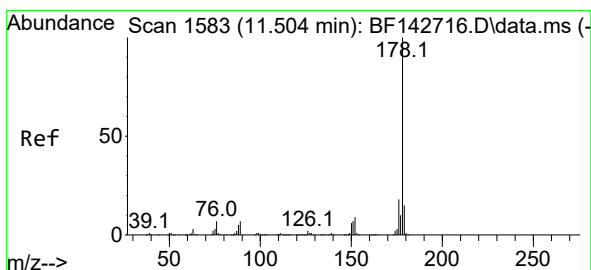
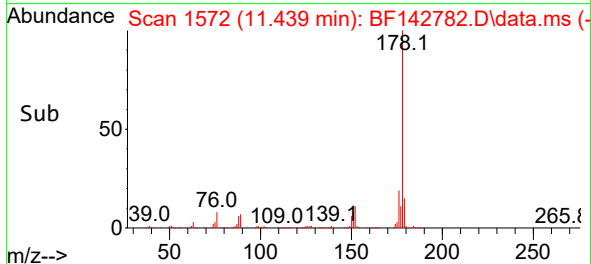
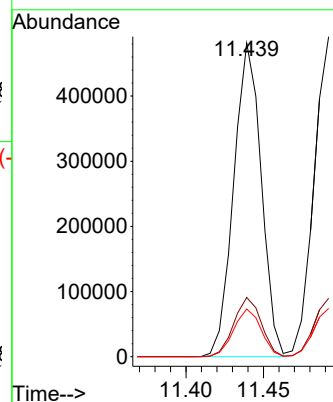
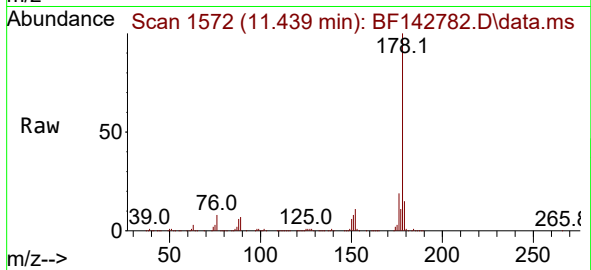
Tgt Ion:178 Resp: 593688

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 15.2 12.2 18.4



#72

Anthracene

Concen: 46.935 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF142782.D

Acq: 18 Jun 2025 17:33

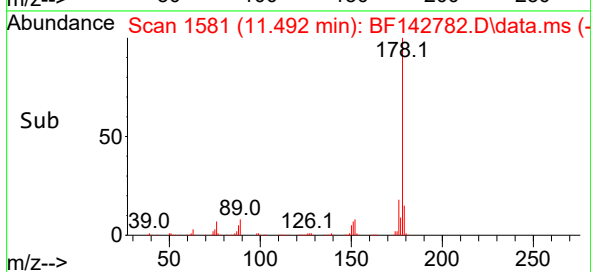
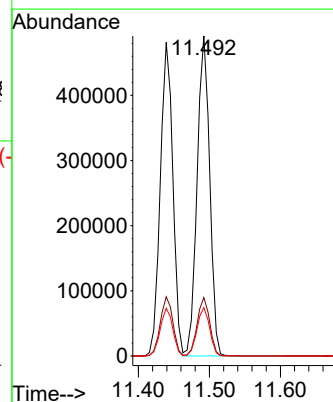
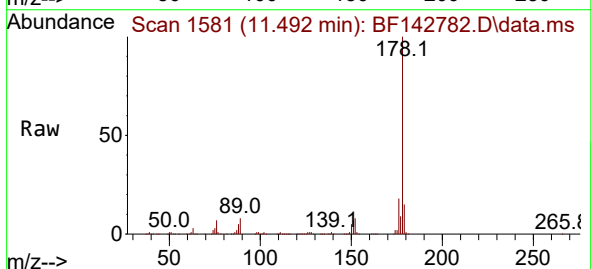
Tgt Ion:178 Resp: 606382

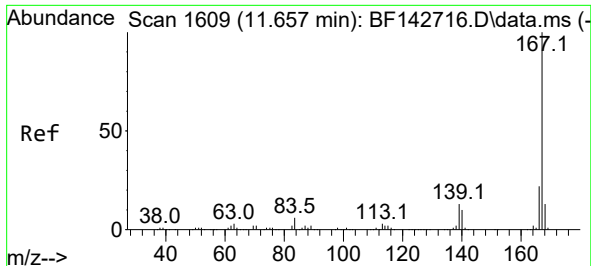
Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

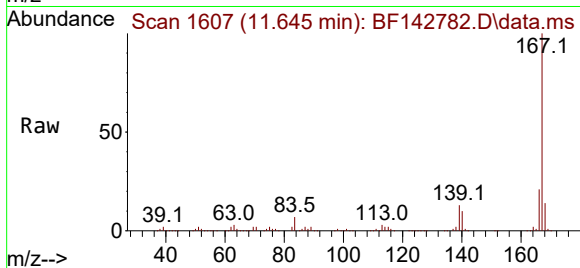
179 15.1 12.2 18.2



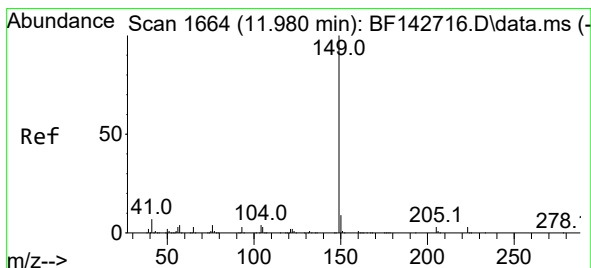
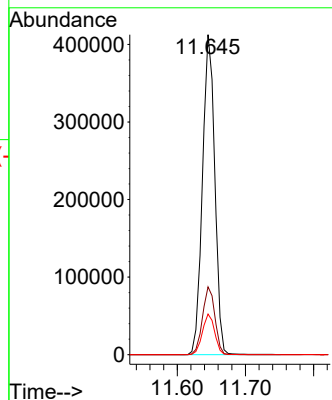
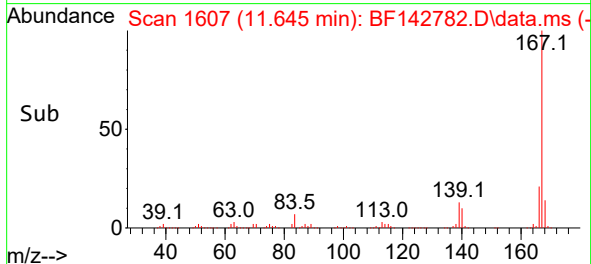


#73
 Carbazole
 Concen: 47.944 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.012 min
 Lab File: BF142782.D
 Acq: 18 Jun 2025 17:33

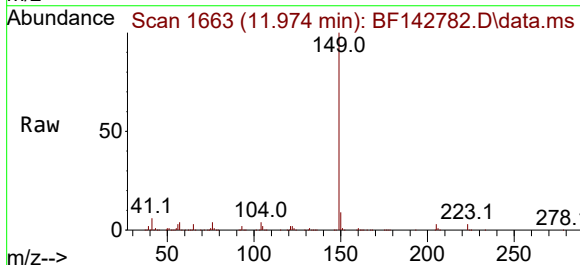
Instrument :
 BNA_F
 ClientSampleId :
 MH-CMSD



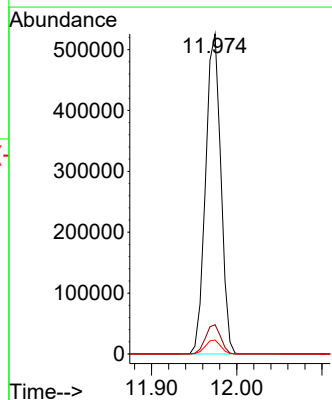
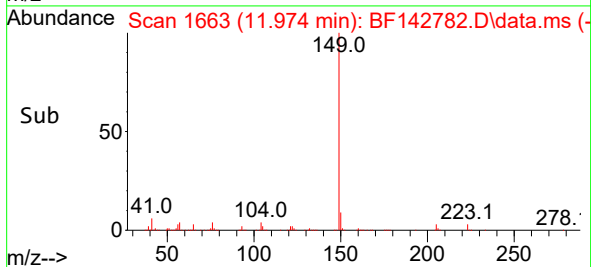
Tgt Ion:167 Resp: 518551
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.7 10.2 15.4

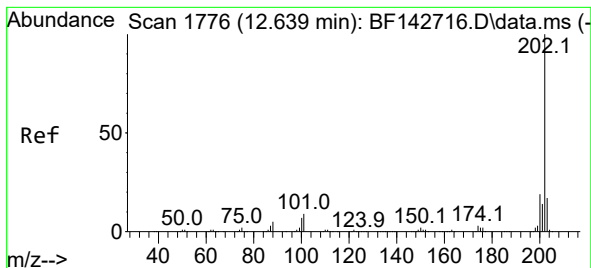


#74
 Di-n-butylphthalate
 Concen: 54.053 ng
 RT: 11.974 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF142782.D
 Acq: 18 Jun 2025 17:33



Tgt Ion:149 Resp: 652807
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 4.3 3.4 5.2





#75

Fluoranthene

Concen: 47.593 ng

RT: 12.627 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142782.D

Acq: 18 Jun 2025 17:33

Instrument :

BNA_F

ClientSampleId :

MH-CMSD

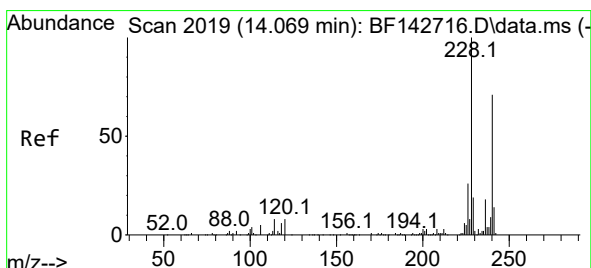
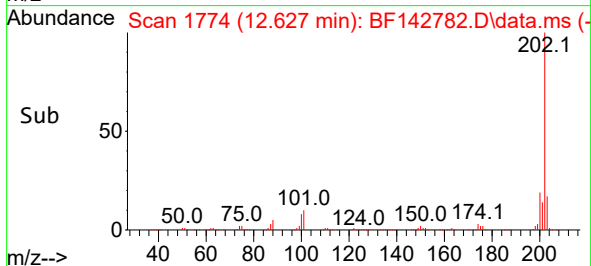
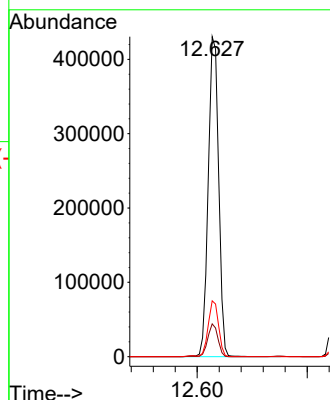
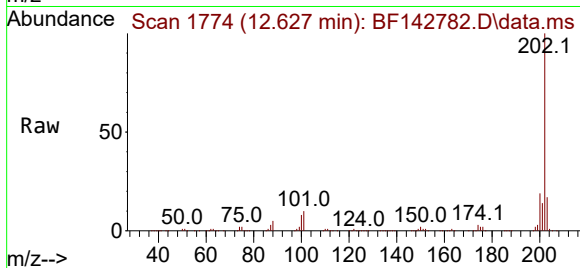
Tgt Ion:202 Resp: 565204

Ion Ratio Lower Upper

202 100

101 10.2 0.0 29.5

203 17.4 0.0 37.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF142782.D

Acq: 18 Jun 2025 17:33

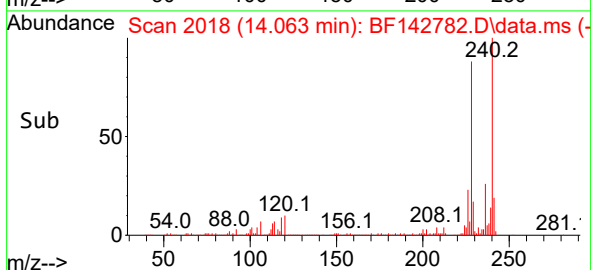
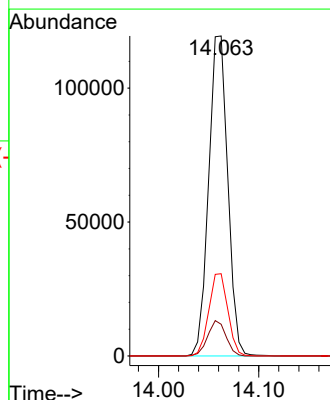
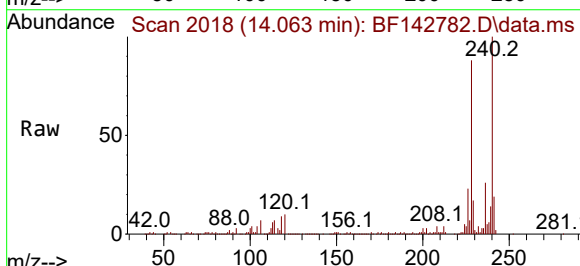
Tgt Ion:240 Resp: 158524

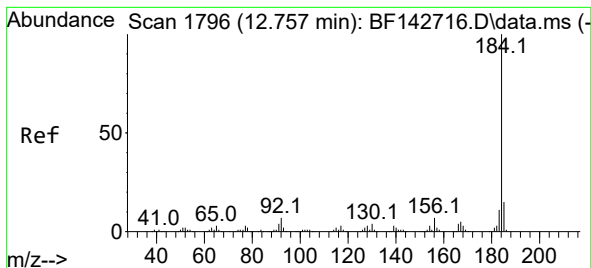
Ion Ratio Lower Upper

240 100

120 9.9 8.5 12.7

236 25.7 20.1 30.1





#77

Benzidine

Concen: 29.772 ng

RT: 12.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142782.D

Acq: 18 Jun 2025 17:33

Instrument :

BNA_F

ClientSampleId :

MH-CMSD

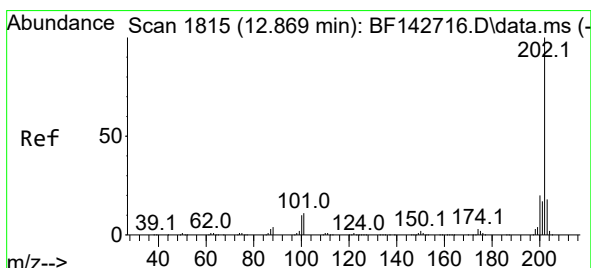
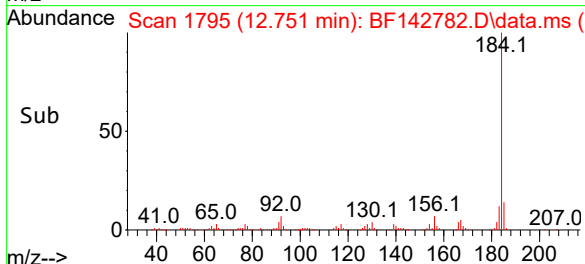
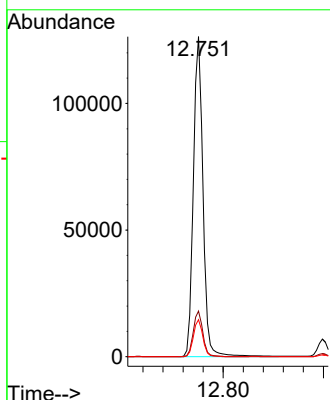
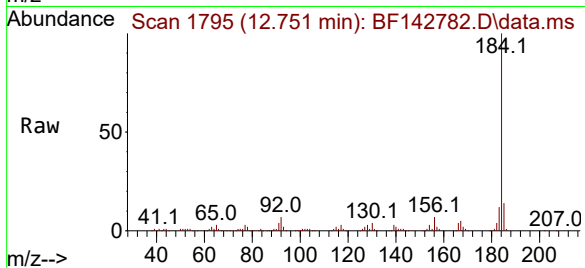
Tgt Ion:184 Resp: 168083

Ion Ratio Lower Upper

184 100

185 14.3 11.7 17.5

183 11.6 8.6 12.8



#78

Pyrene

Concen: 38.308 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.012 min

Lab File: BF142782.D

Acq: 18 Jun 2025 17:33

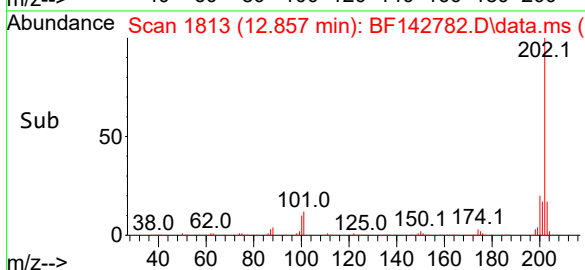
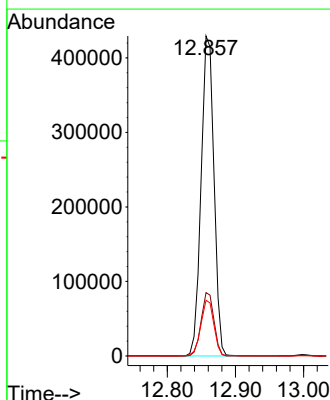
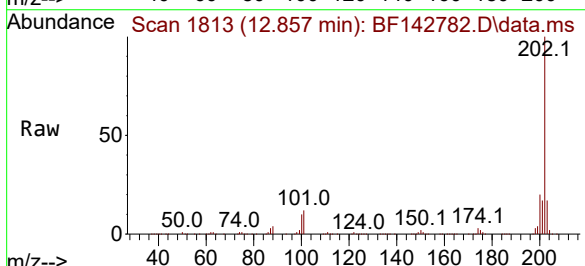
Tgt Ion:202 Resp: 564346

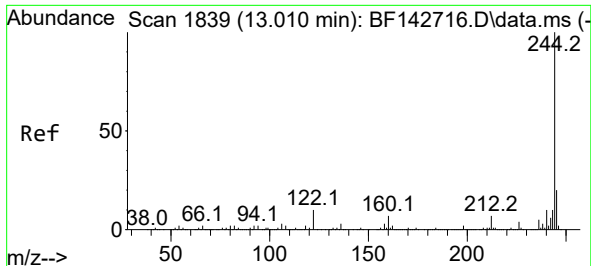
Ion Ratio Lower Upper

202 100

200 19.8 15.8 23.8

203 17.4 14.1 21.1

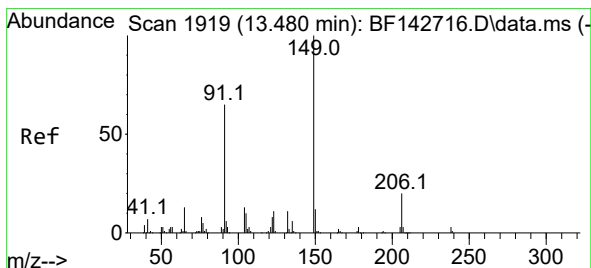
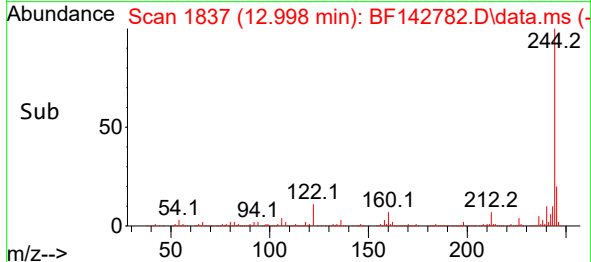
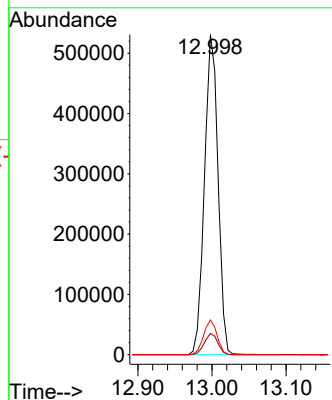
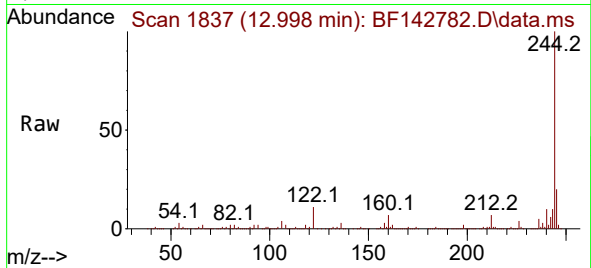




#79
 Terphenyl-d14
 Concen: 58.381 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF142782.D
 Acq: 18 Jun 2025 17:33

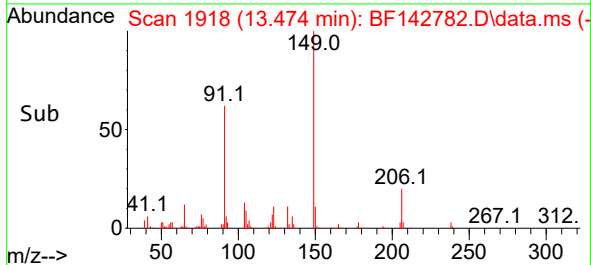
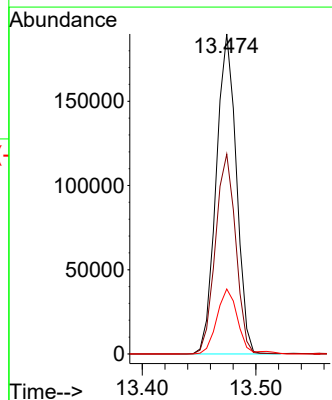
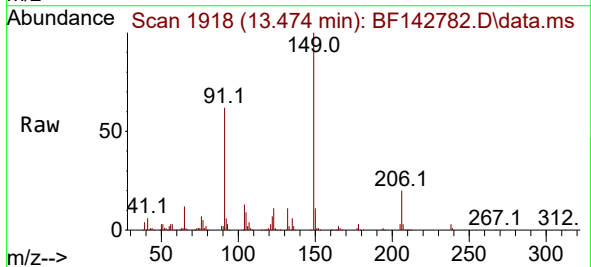
Instrument :
 BNA_F
 ClientSampleId :
 MH-CMSD

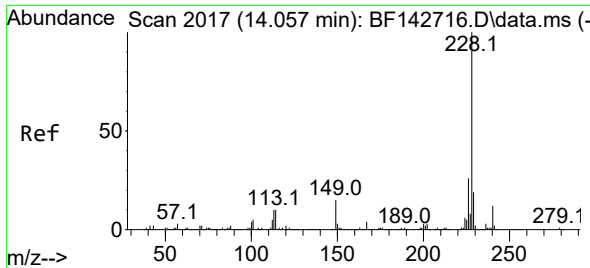
Tgt Ion:244 Resp: 673835
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.8 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 53.903 ng
 RT: 13.474 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BF142782.D
 Acq: 18 Jun 2025 17:33

Tgt Ion:149 Resp: 234818
 Ion Ratio Lower Upper
 149 100
 91 62.4 52.3 78.5
 206 20.3 16.0 24.0

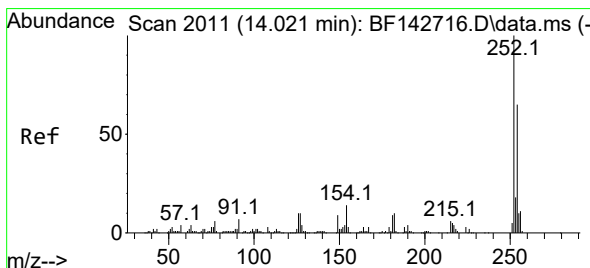
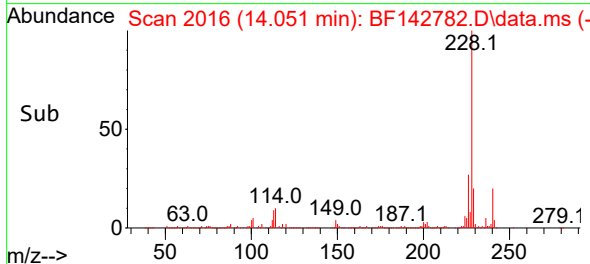
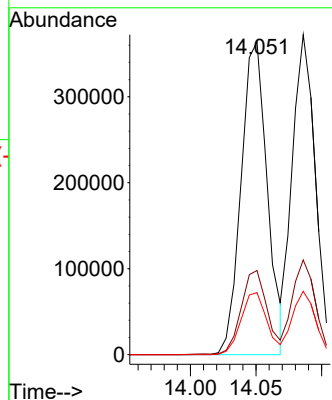
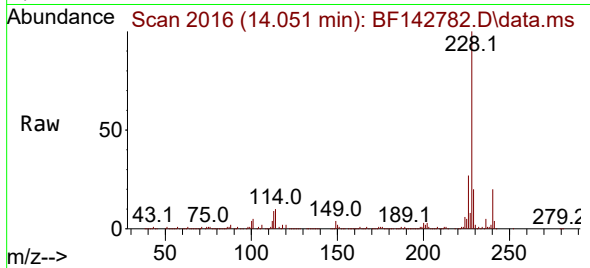




#81
Benzo(a)anthracene
Concen: 48.194 ng
RT: 14.051 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

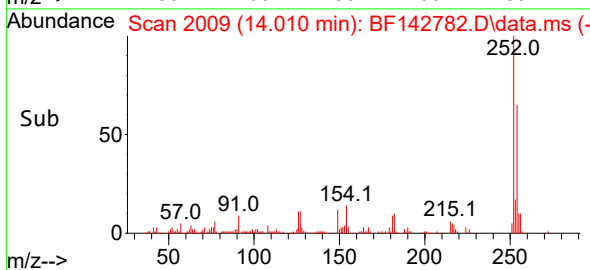
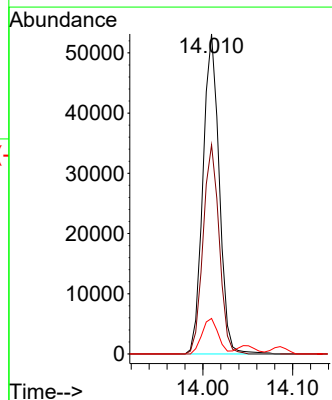
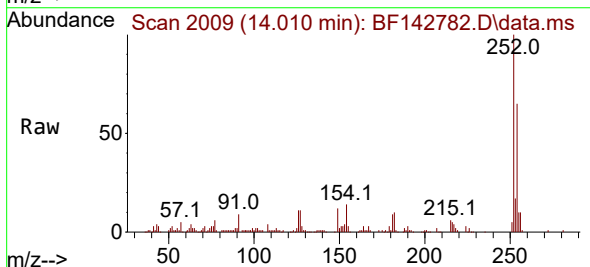
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

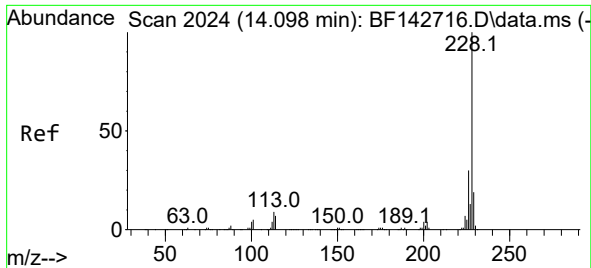
Tgt Ion:228 Resp: 506269
Ion Ratio Lower Upper
228 100
226 26.9 21.0 31.4
229 19.8 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 19.719 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion:252 Resp: 66799
Ion Ratio Lower Upper
252 100
254 65.3 51.8 77.6
126 11.1 8.1 12.1





#83

Chrysene

Concen: 46.982 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF142782.D

Acq: 18 Jun 2025 17:33

Instrument :

BNA_F

ClientSampleId :

MH-CMSD

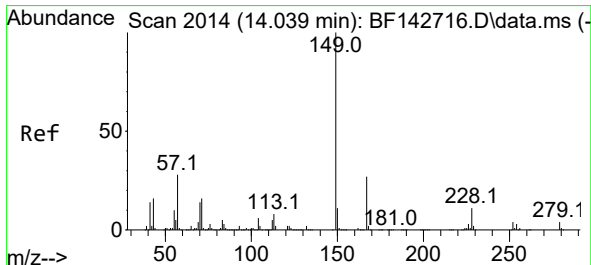
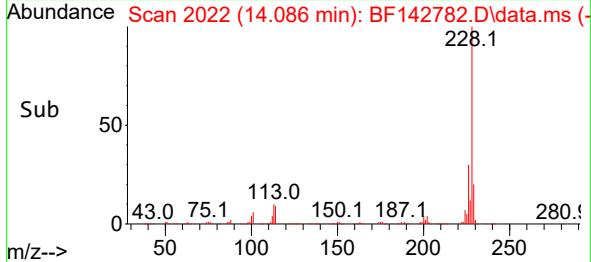
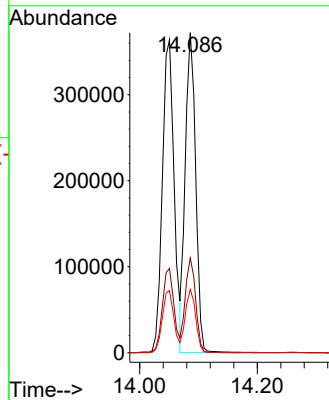
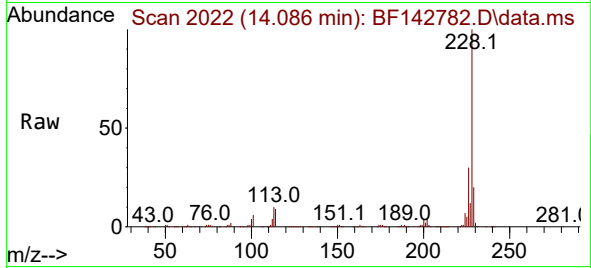
Tgt Ion:228 Resp: 455668

Ion Ratio Lower Upper

228 100

226 29.6 23.6 35.4

229 19.8 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.024 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF142782.D

Acq: 18 Jun 2025 17:33

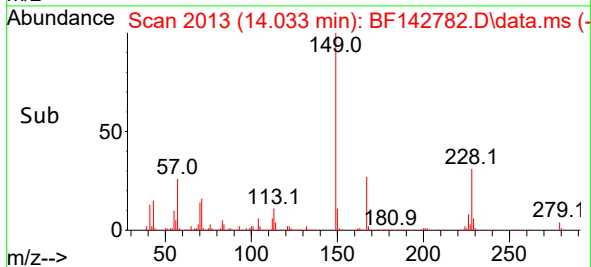
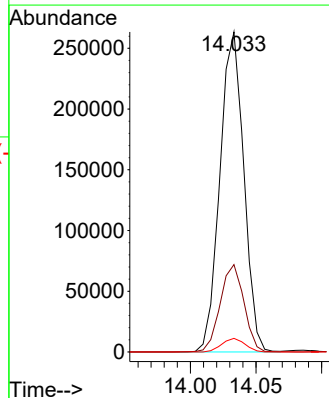
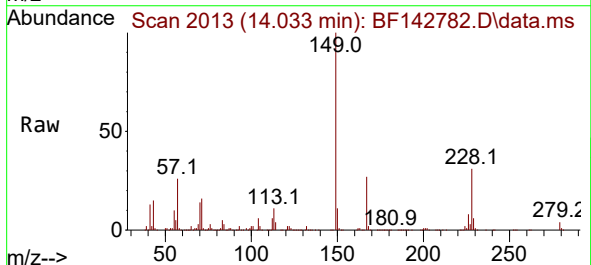
Tgt Ion:149 Resp: 333584

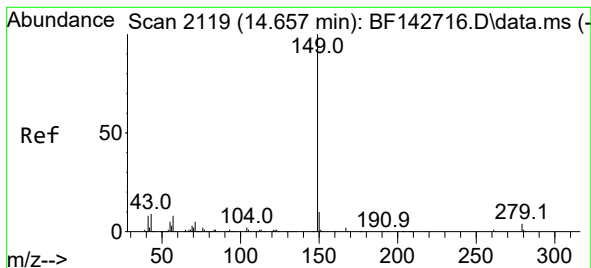
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.2

279 4.2 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 45.565 ng

RT: 14.645 min Scan# 2117

Delta R.T. -0.012 min

Lab File: BF142782.D

Acq: 18 Jun 2025 17:33

Instrument :

BNA_F

ClientSampleId :

MH-CMSD

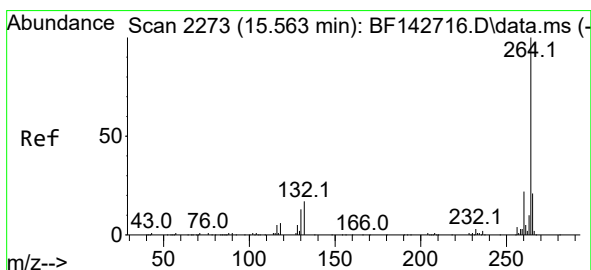
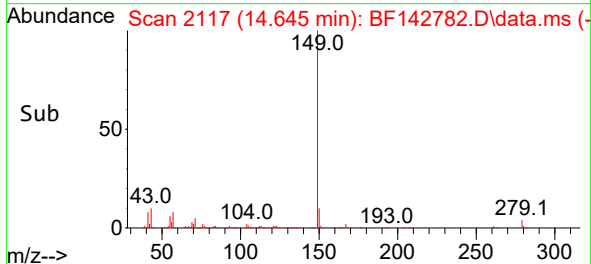
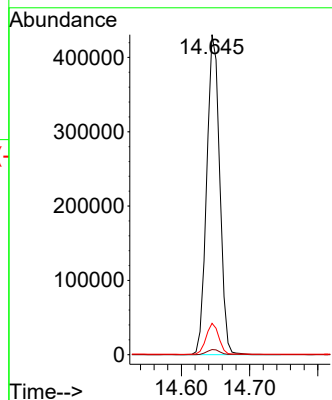
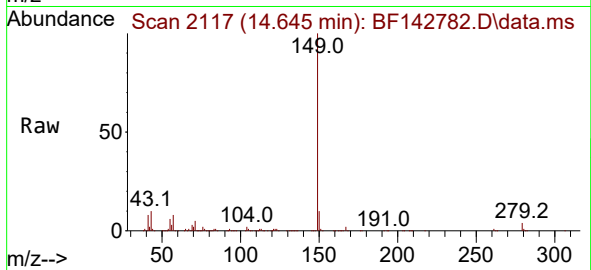
Tgt Ion:149 Resp: 571526

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.5 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF142782.D

Acq: 18 Jun 2025 17:33

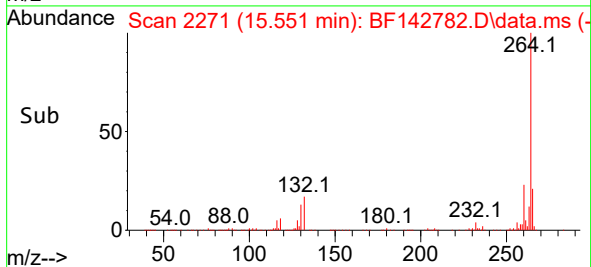
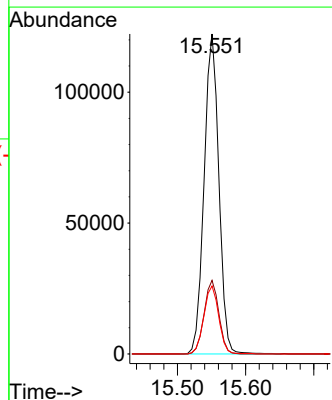
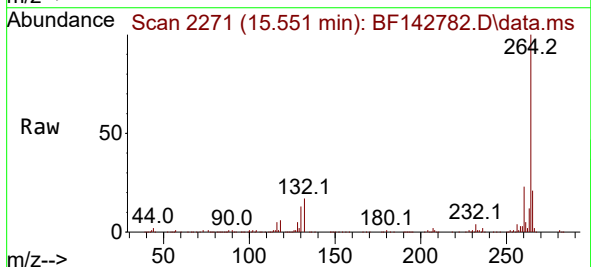
Tgt Ion:264 Resp: 183800

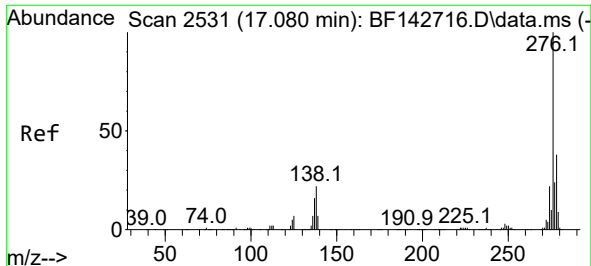
Ion Ratio Lower Upper

264 100

260 23.0 17.8 26.6

265 21.3 16.6 25.0

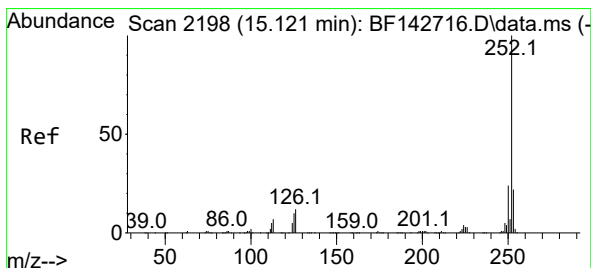
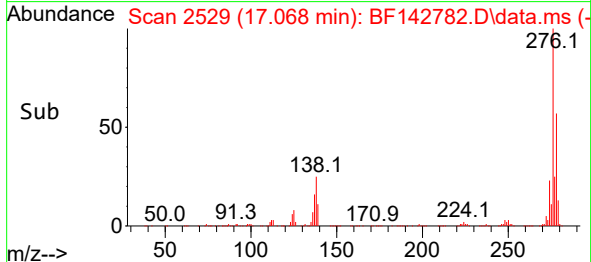
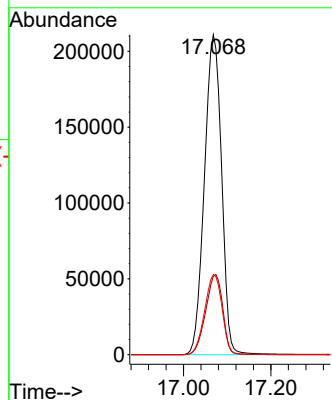
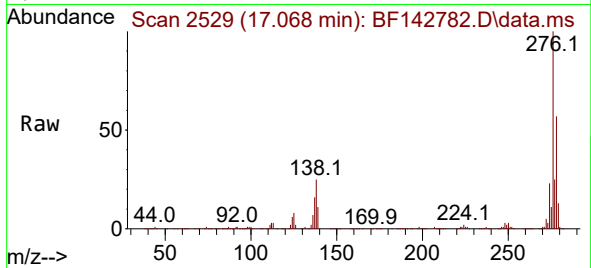




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.319 ng
 RT: 17.068 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF142782.D
 Acq: 18 Jun 2025 17:33

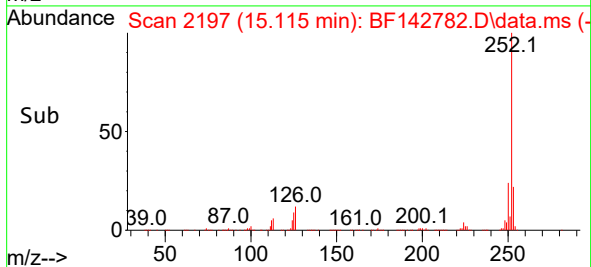
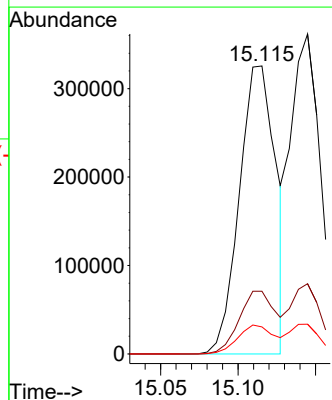
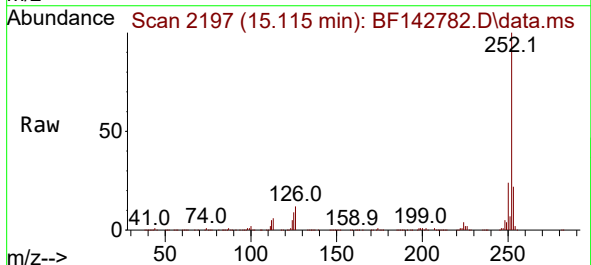
Instrument :
 BNA_F
 ClientSampleId :
 MH-CMSD

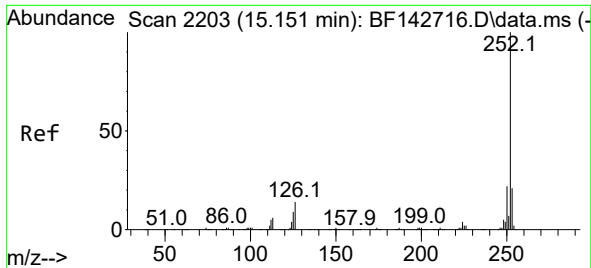
Tgt Ion:276 Resp: 576413
 Ion Ratio Lower Upper
 276 100
 138 25.0 19.3 28.9
 277 25.4 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 49.221 ng
 RT: 15.115 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF142782.D
 Acq: 18 Jun 2025 17:33

Tgt Ion:252 Resp: 532688
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.7 26.5
 125 9.4 7.8 11.6

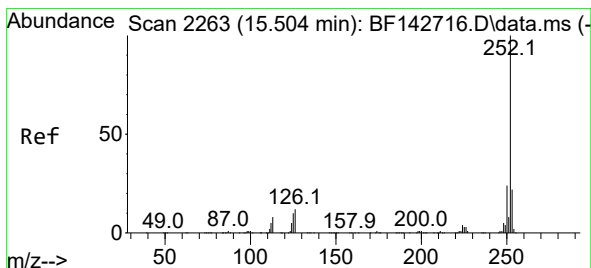
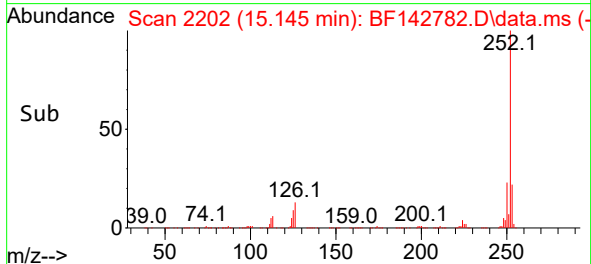
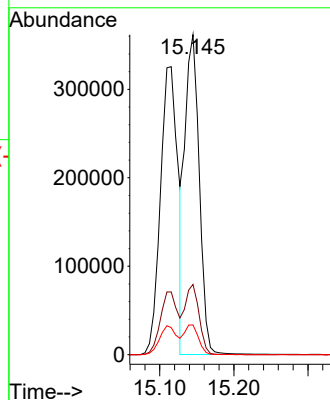
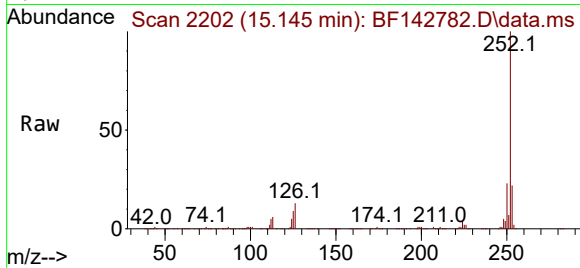




#89
Benzo(k)fluoranthene
Concen: 46.402 ng
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

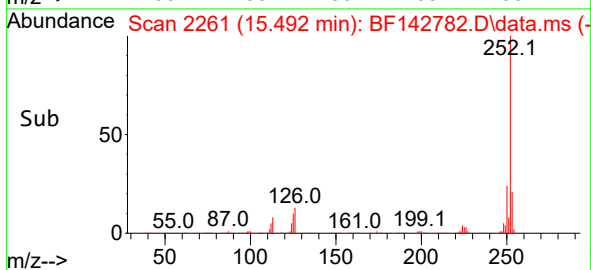
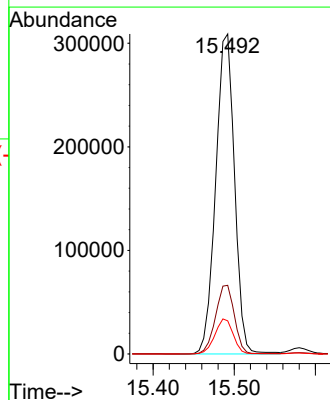
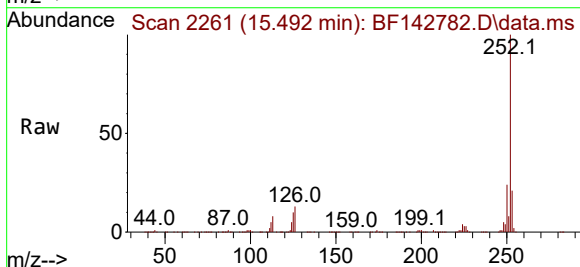
Instrument :
BNA_F
ClientSampleId :
MH-CMSD

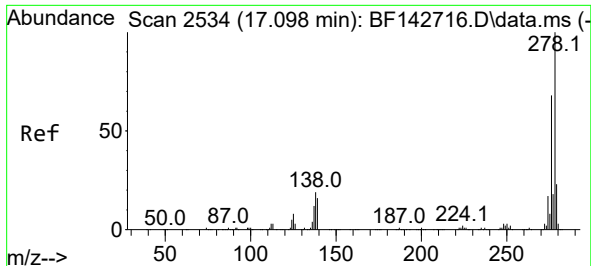
Tgt Ion:252 Resp: 487253
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 9.3 7.5 11.3



#90
Benzo(a)pyrene
Concen: 48.417 ng
RT: 15.492 min Scan# 2261
Delta R.T. -0.012 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion:252 Resp: 498204
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 10.3 8.0 12.0

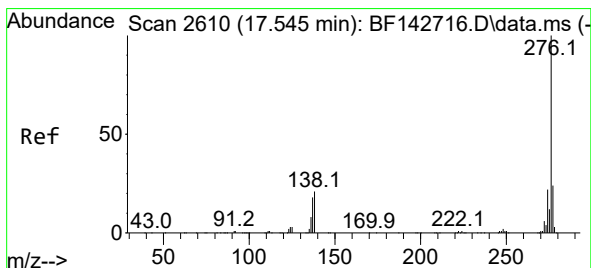
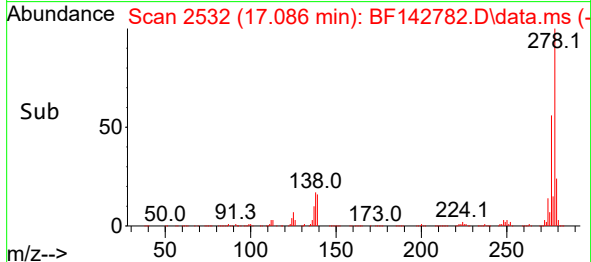
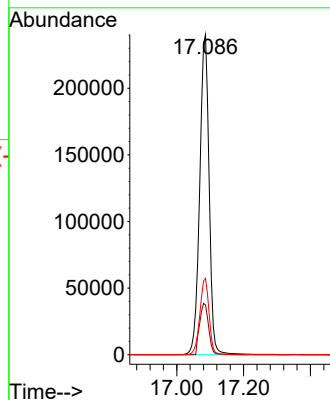
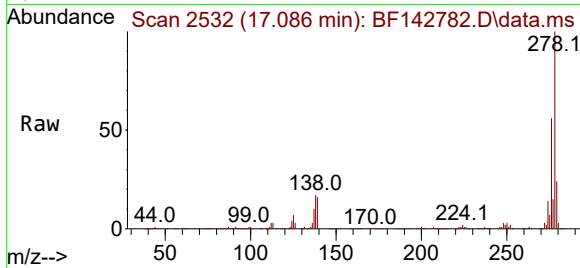




#91
Dibenzo(a,h)anthracene
Concen: 42.186 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Instrument :
BNA_F
ClientSampleId :
MH-CMSD

Tgt Ion:278 Resp: 469175
Ion Ratio Lower Upper
278 100
139 15.5 12.8 19.2
279 23.9 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 41.028 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.018 min
Lab File: BF142782.D
Acq: 18 Jun 2025 17:33

Tgt Ion:276 Resp: 453741
Ion Ratio Lower Upper
276 100
277 23.0 18.8 28.2
138 21.3 16.4 24.6

