

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061825\
 Data File : BF142781.D
 Acq On : 18 Jun 2025 17:03
 Operator : RC/JU
 Sample : Q2339-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-CMS

Quant Time: Jun 18 17:27:52 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	6.881	152	82192	20.000	ng	-0.01
21) Naphthalene-d8	8.169	136	315259	20.000	ng	-0.01
39) Acenaphthene-d10	9.927	164	173555	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	288967	20.000	ng	0.00
76) Chrysene-d12	14.063	240	177382	20.000	ng	0.00
86) Perylene-d12	15.551	264	188176	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	596223	123.546	ng	0.01
7) Phenol-d6	6.516	99	688613	121.248	ng	0.00
23) Nitrobenzene-d5	7.445	82	479856	83.301	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	253261	133.145	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1065934	81.597	ng	-0.01
79) Terphenyl-d14	12.998	244	856415	66.311	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.822	88	69951	36.626	ng	# 83
3) Pyridine	3.540	79	187247	39.101	ng	97
4) n-Nitrosodimethylamine	3.481	42	109892	44.851	ng	99
6) Aniline	6.545	93	116824	15.369	ng	# 61
8) 2-Chlorophenol	6.669	128	236081	44.765	ng	99
9) Benzaldehyde	6.439	77	82282	23.395	ng	98
10) Phenol	6.534	94	247962	39.279	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	221782	47.035	ng	98
12) 1,3-Dichlorobenzene	6.828	146	226497	37.633	ng	99
13) 1,4-Dichlorobenzene	6.898	146	230955	37.970	ng	99
14) 1,2-Dichlorobenzene	7.051	146	226371	38.825	ng	100
15) Benzyl Alcohol	7.028	79	199290	46.426	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	322375	43.424	ng	96
17) 2-Methylphenol	7.139	107	184098	45.535	ng	99
18) Hexachloroethane	7.392	117	82900	38.031	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	161010	44.532	ng	100
20) 3+4-Methylphenols	7.292	107	231289	45.377	ng	91
22) Acetophenone	7.292	105	314957	44.912	ng	97
24) Nitrobenzene	7.469	77	230786	45.140	ng	99
25) Isophorone	7.704	82	439745	45.086	ng	100
26) 2-Nitrophenol	7.781	139	130712	45.811	ng	99
27) 2,4-Dimethylphenol	7.822	122	229318	47.205	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	276463	45.655	ng	99
29) 2,4-Dichlorophenol	8.028	162	214626	47.873	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	205234	41.428	ng	99
31) Naphthalene	8.186	128	674727	43.275	ng	99
32) Benzoic acid	7.922	122	68359m	24.986	ng	
33) 4-Chloroaniline	8.233	127	57953	9.257	ng	98
34) Hexachlorobutadiene	8.304	225	126914	40.202	ng	99
35) Caprolactam	8.610	113	57235m	47.295	ng	
36) 4-Chloro-3-methylphenol	8.728	107	221824	47.584	ng	99
37) 2-Methylnaphthalene	8.880	142	437686	44.351	ng	99
38) 1-Methylnaphthalene	8.980	142	463471	45.335	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	224691	44.731	ng	99
41) Hexachlorocyclopentadiene	9.033	237	230266	71.423	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	156979	48.277	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061825\
 Data File : BF142781.D
 Acq On : 18 Jun 2025 17:03
 Operator : RC/JU
 Sample : Q2339-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

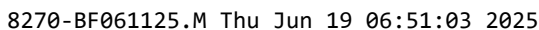
Instrument :
 BNA_F
 ClientSampleId :
 MH-CMS

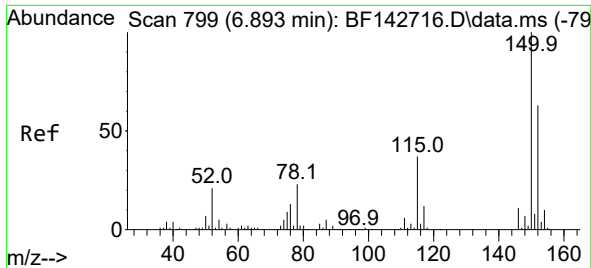
Quant Time: Jun 18 17:27:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	167339	47.648	ng	99
46) 1,1'-Biphenyl	9.345	154	626098	46.458	ng	99
47) 2-Chloronaphthalene	9.375	162	450740	45.398	ng	98
48) 2-Nitroaniline	9.469	65	140428	49.728	ng	99
49) Acenaphthylene	9.786	152	778575	46.507	ng	100
50) Dimethylphthalate	9.651	163	584320	50.417	ng	100
51) 2,6-Dinitrotoluene	9.710	165	123448	49.284	ng	94
52) Acenaphthene	9.963	154	483759	46.606	ng	99
53) 3-Nitroaniline	9.880	138	59134	21.766	ng	100
54) 2,4-Dinitrophenol	9.986	184	66326	48.339	ng	93
55) Dibenzofuran	10.133	168	689254	46.632	ng	99
56) 4-Nitrophenol	10.045	139	164739	89.403	ng	99
57) 2,4-Dinitrotoluene	10.116	165	168129	50.766	ng	98
58) Fluorene	10.475	166	546902	46.856	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	141044	47.737	ng	99
60) Diethylphthalate	10.345	149	570744	49.664	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	264964	46.483	ng	97
62) 4-Nitroaniline	10.498	138	119190	49.038	ng	99
63) Azobenzene	10.627	77	481631	47.987	ng	99
65) 4,6-Dinitro-2-methylph...	10.527	198	61612	34.048	ng	99
66) n-Nitrosodiphenylamine	10.586	169	482227	48.549	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	162450	47.626	ng	98
68) Hexachlorobenzene	11.027	284	179720	47.467	ng	97
69) Atrazine	11.116	200	147918	55.856	ng	99
70) Pentachlorophenol	11.222	266	179311	90.346	ng	99
71) Phenanthrene	11.439	178	746315	48.208	ng	99
72) Anthracene	11.492	178	756768	47.254	ng	99
73) Carbazole	11.645	167	659623	49.200	ng	100
74) Di-n-butylphthalate	11.974	149	853087	56.984	ng	100
75) Fluoranthene	12.633	202	714910	48.565	ng	99
77) Benzidine	12.751	184	219014	34.669	ng	99
78) Pyrene	12.863	202	702922	42.642	ng	99
80) Butylbenzylphthalate	13.474	149	286656	58.806	ng	99
81) Benzo(a)anthracene	14.051	228	572189	48.678	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	71038	18.741	ng	98
83) Chrysene	14.086	228	519476	47.867	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	400227	54.710	ng	99
85) Di-n-octyl phthalate	14.645	149	662418	47.197	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	600083	43.033	ng	99
88) Benzo(b)fluoranthene	15.115	252	558681	50.422	ng	99
89) Benzo(k)fluoranthene	15.145	252	526725	48.995	ng	100
90) Benzo(a)pyrene	15.492	252	526466	49.974	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	486932	42.765	ng	100
92) Benzo(g,h,i)perylene	17.527	276	466934	41.239	ng	100

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

Quant Time: Jun 18 17:27:52 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

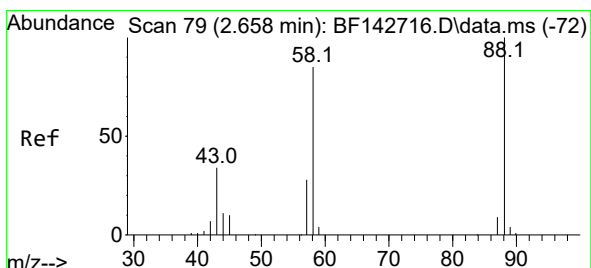
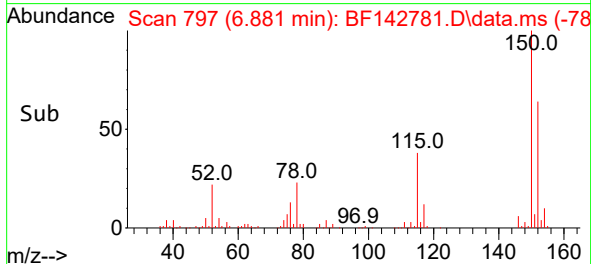
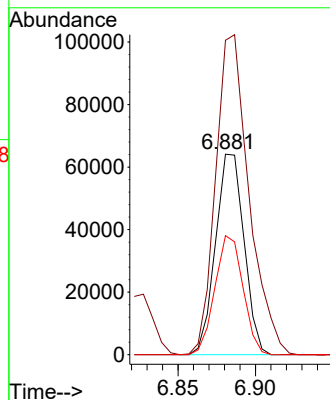
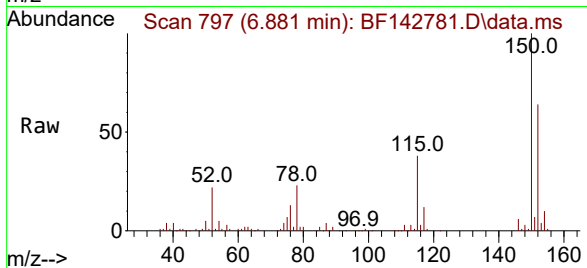




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

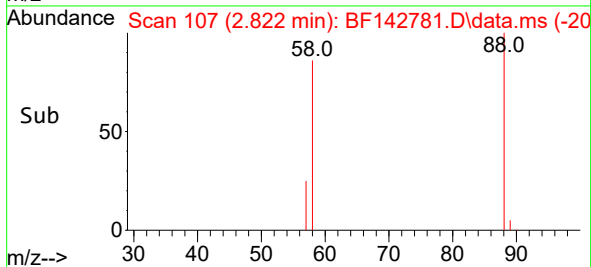
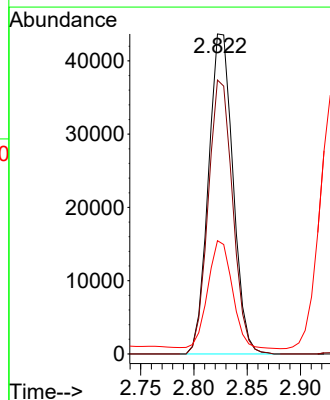
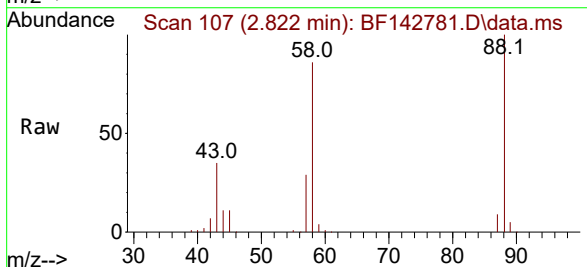
Instrument :
BNA_F
ClientSampleId :
MH-CMS

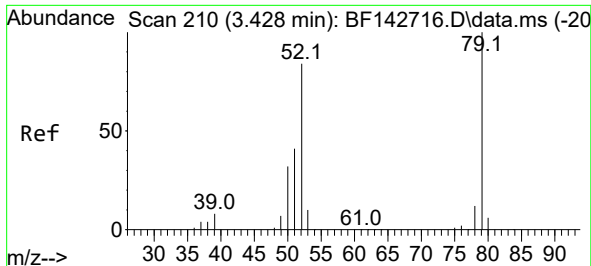
Tgt Ion:152 Resp: 82192
Ion Ratio Lower Upper
152 100
150 156.9 126.9 190.3
115 59.4 47.0 70.6



#2
1,4-Dioxane
Concen: 36.626 ng
RT: 2.822 min Scan# 107
Delta R.T. 0.165 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion: 88 Resp: 69951
Ion Ratio Lower Upper
88 100
58 85.5 68.4 102.6
43 0.0 27.0 40.6#

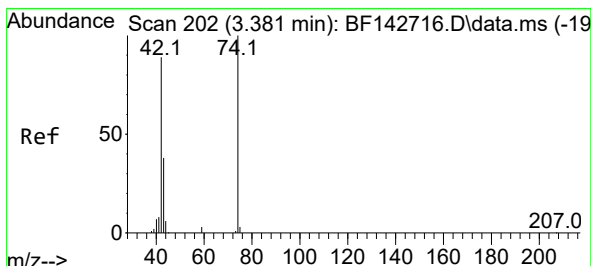
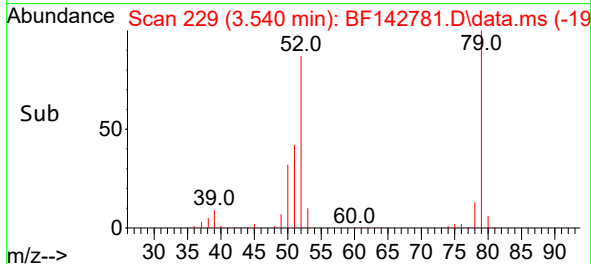
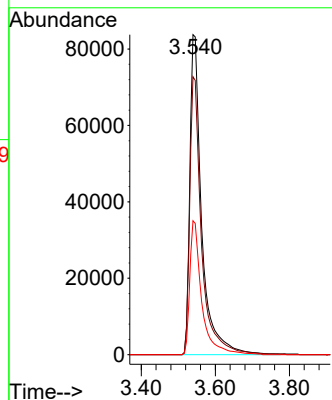
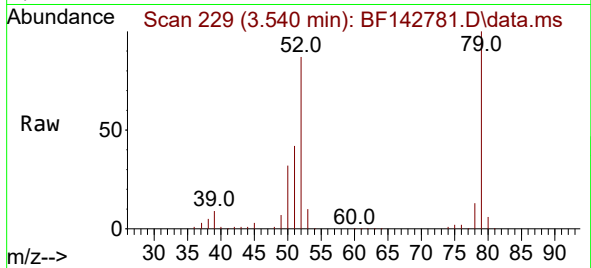




#3
Pyridine
Concen: 39.101 ng
RT: 3.540 min Scan# 210
Delta R.T. 0.112 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

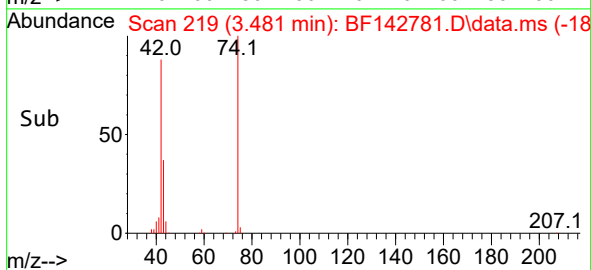
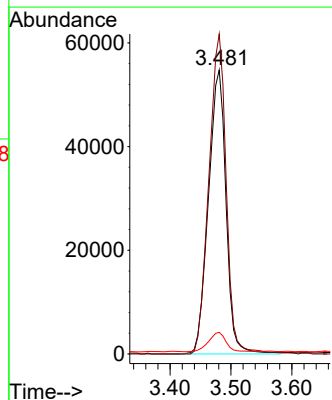
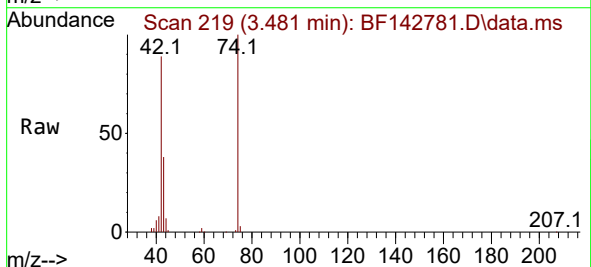
Instrument :
BNA_F
ClientSampleId :
MH-CMS

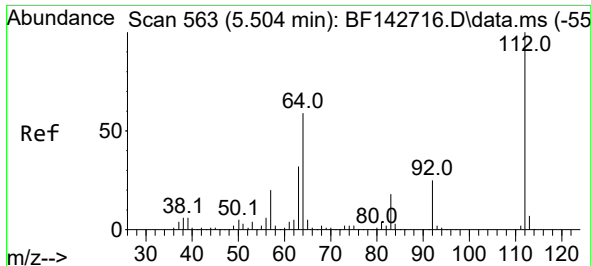
Tgt Ion: 79 Resp: 187247
Ion Ratio Lower Upper
79 100
52 86.9 67.1 100.7
51 41.9 32.6 48.8



#4
n-Nitrosodimethylamine
Concen: 44.851 ng
RT: 3.481 min Scan# 219
Delta R.T. 0.100 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion: 42 Resp: 109892
Ion Ratio Lower Upper
42 100
74 112.7 89.6 134.4
44 7.6 5.4 8.2

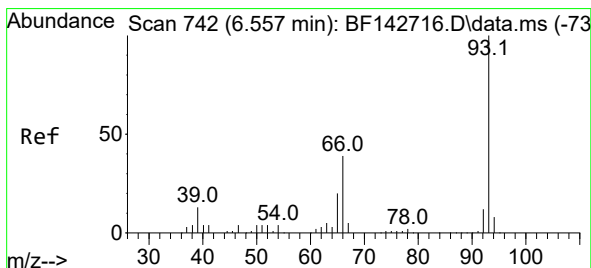
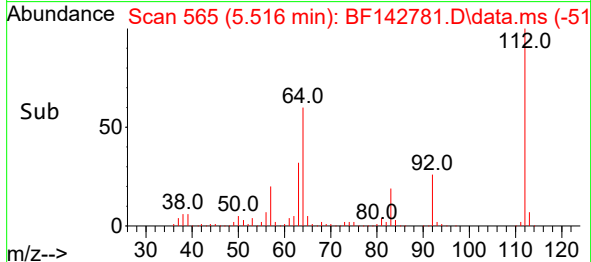
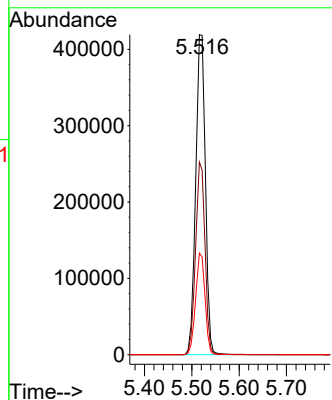
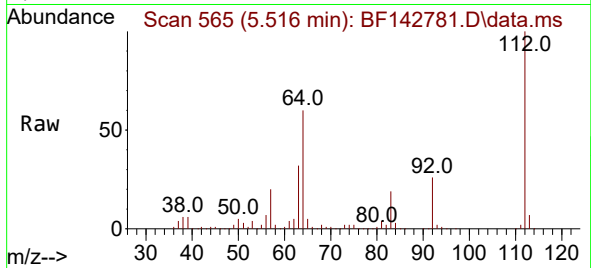




#5
2-Fluorophenol
Concen: 123.546 ng
RT: 5.516 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

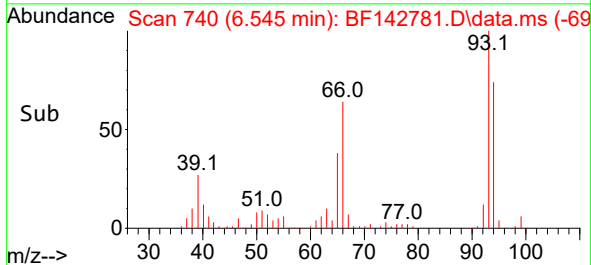
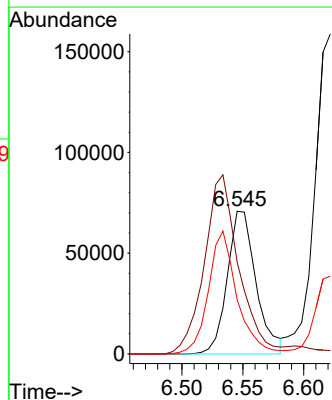
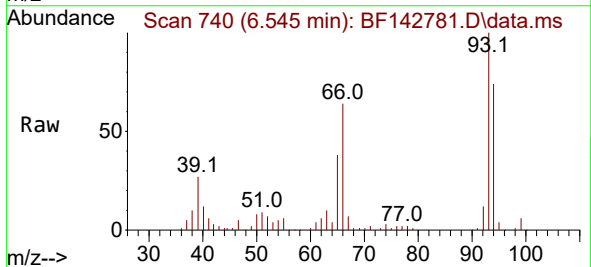
Instrument :
BNA_F
ClientSampleId :
MH-CMS

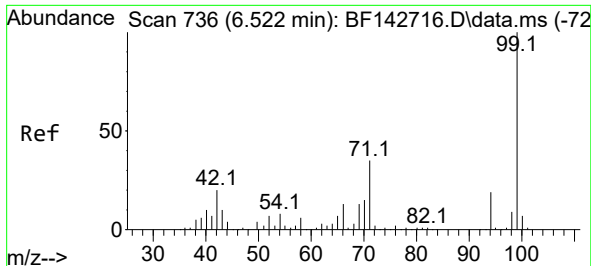
Tgt Ion:112 Resp: 596223
Ion Ratio Lower Upper
112 100
64 60.2 47.4 71.2
63 31.8 25.4 38.0



#6
Aniline
Concen: 15.369 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion: 93 Resp: 116824
Ion Ratio Lower Upper
93 100
66 64.3 32.0 48.0#
65 38.0 16.1 24.1#





#7

Phenol-d6

Concen: 121.248 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142781.D

Acq: 18 Jun 2025 17:03

Instrument :

BNA_F

ClientSampleId :

MH-CMS

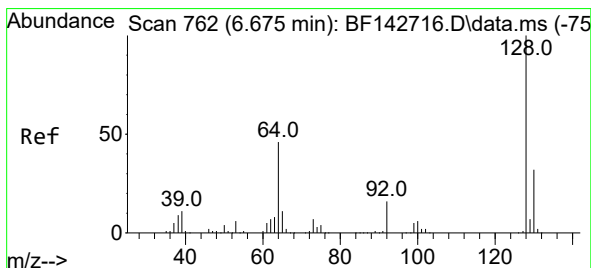
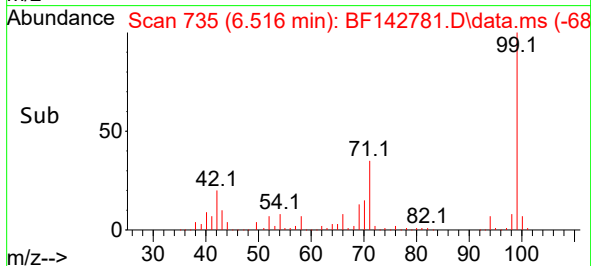
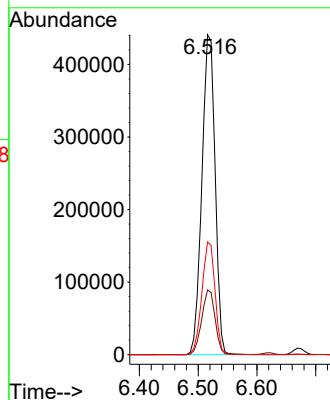
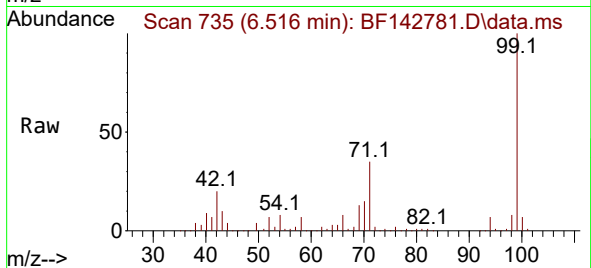
Tgt Ion: 99 Resp: 688613

Ion Ratio Lower Upper

99 100

42 20.3 15.9 23.9

71 35.2 28.0 42.0



#8

2-Chlorophenol

Concen: 44.765 ng

RT: 6.669 min Scan# 761

Delta R.T. -0.006 min

Lab File: BF142781.D

Acq: 18 Jun 2025 17:03

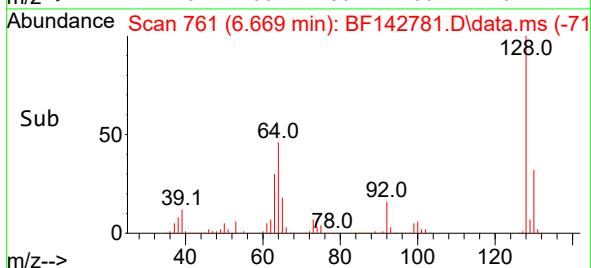
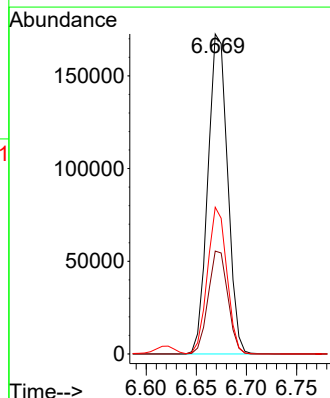
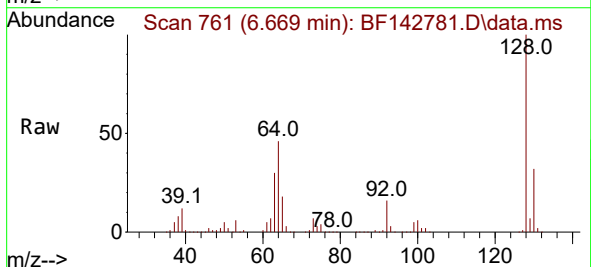
Tgt Ion:128 Resp: 236081

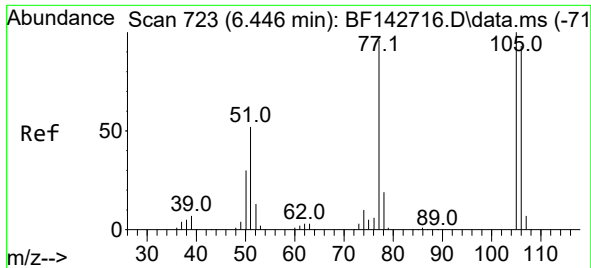
Ion Ratio Lower Upper

128 100

130 32.1 12.4 52.4

64 45.9 26.5 66.5

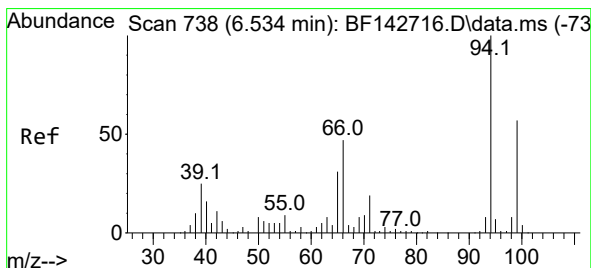
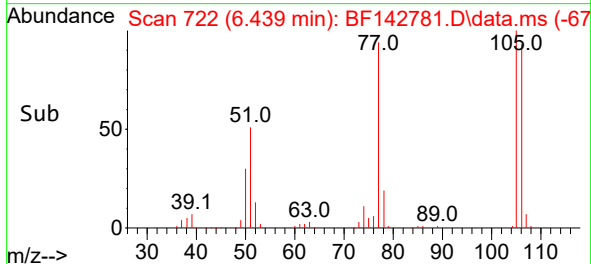
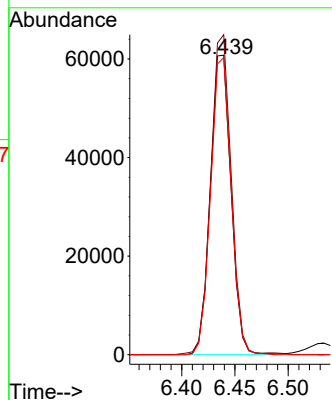
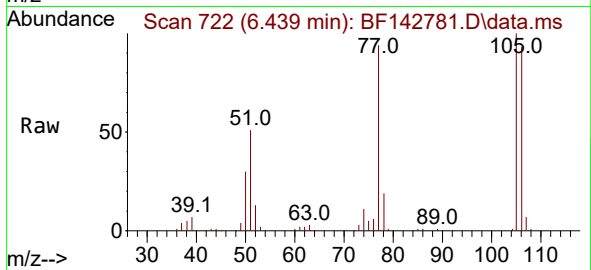




#9
Benzaldehyde
Concen: 23.395 ng
RT: 6.439 min Scan# 71
Delta R.T. -0.007 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

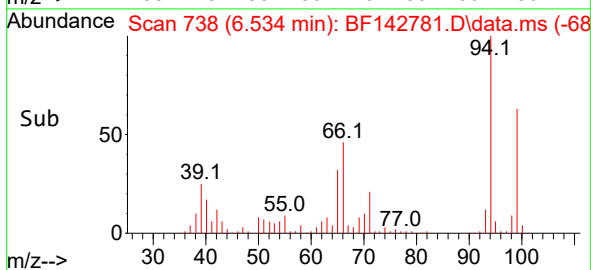
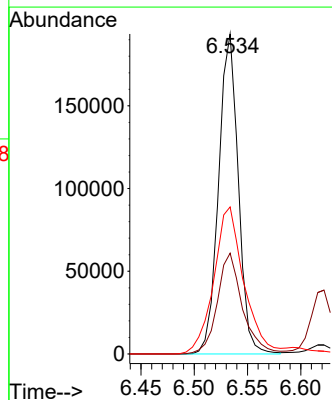
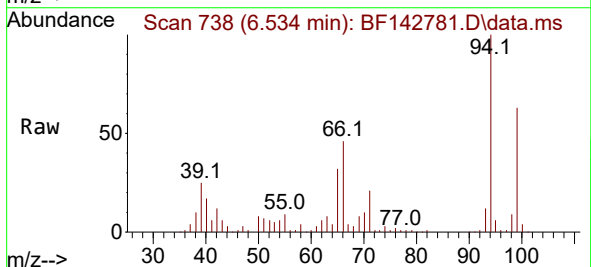
Instrument :
BNA_F
ClientSampleId :
MH-CMS

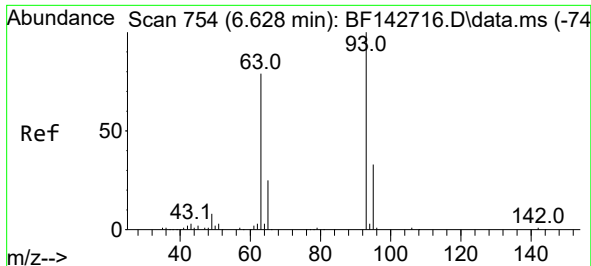
Tgt Ion: 77 Resp: 82282
Ion Ratio Lower Upper
77 100
105 106.9 84.1 124.1
106 99.2 77.2 117.2



#10
Phenol
Concen: 39.279 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion: 94 Resp: 247962
Ion Ratio Lower Upper
94 100
65 31.5 11.4 51.4
66 45.9 26.7 66.7

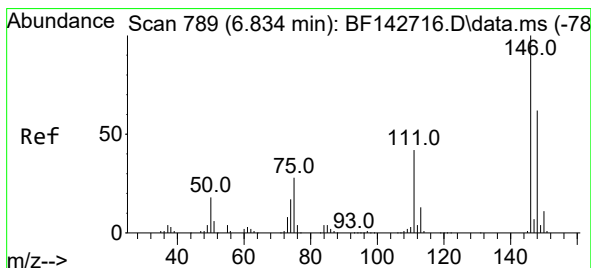
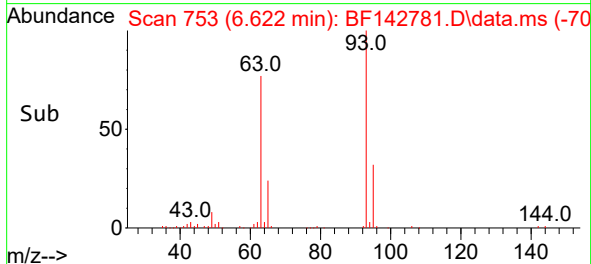
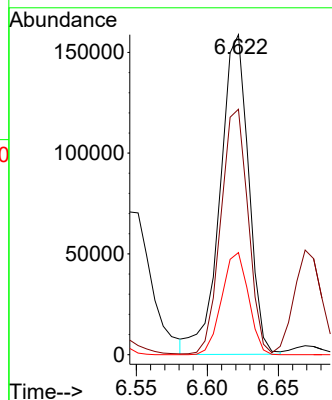
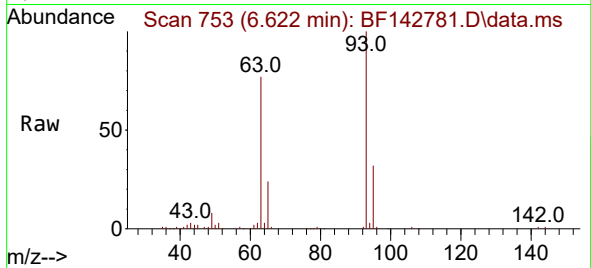




#11
 bis(2-Chloroethyl)ether
 Concen: 47.035 ng
 RT: 6.622 min Scan# 754
 Delta R.T. -0.006 min
 Lab File: BF142781.D
 Acq: 18 Jun 2025 17:03

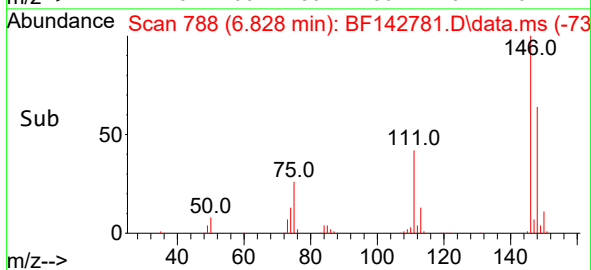
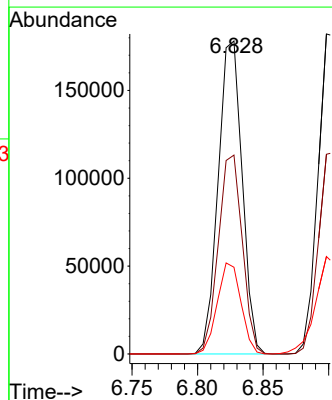
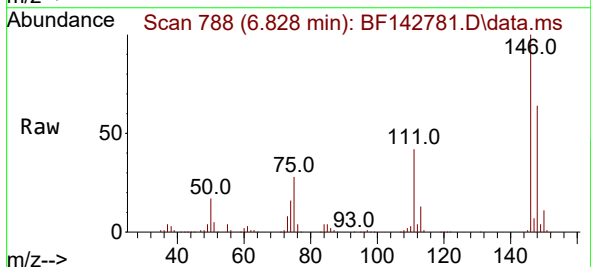
Instrument :
 BNA_F
 ClientSampleId :
 MH-CMS

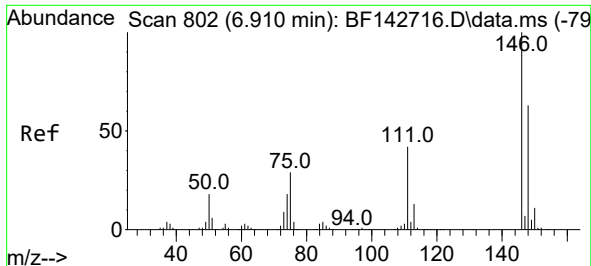
Tgt Ion: 93 Resp: 221782
 Ion Ratio Lower Upper
 93 100
 63 76.7 58.3 98.3
 95 31.9 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 37.633 ng
 RT: 6.828 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: BF142781.D
 Acq: 18 Jun 2025 17:03

Tgt Ion:146 Resp: 226497
 Ion Ratio Lower Upper
 146 100
 148 63.5 49.9 74.9
 75 27.7 22.6 34.0

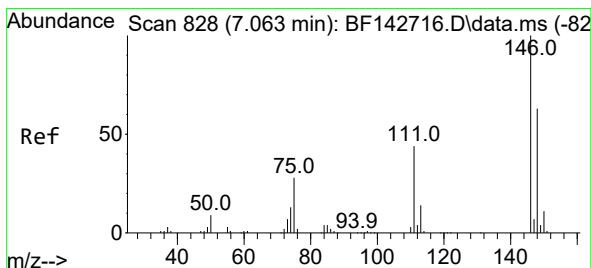
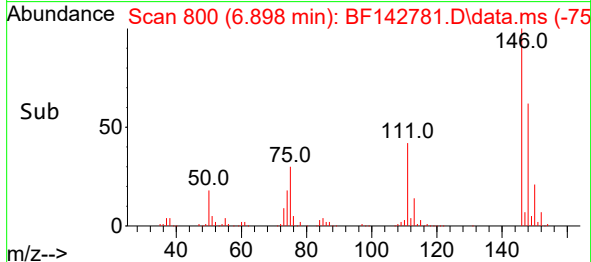
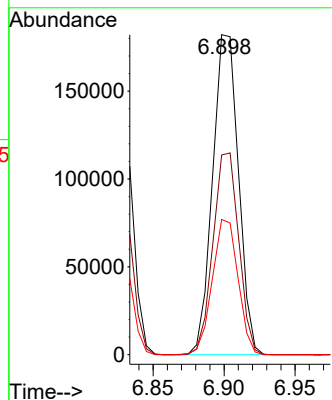
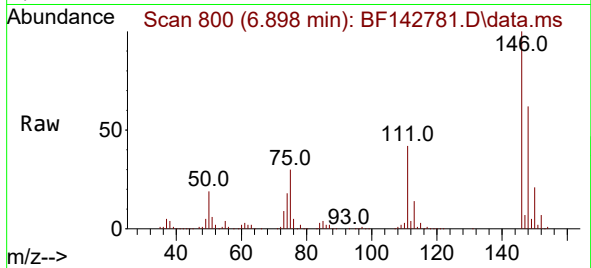




#13
1,4-Dichlorobenzene
Concen: 37.970 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

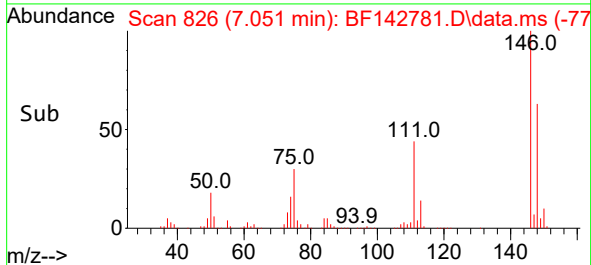
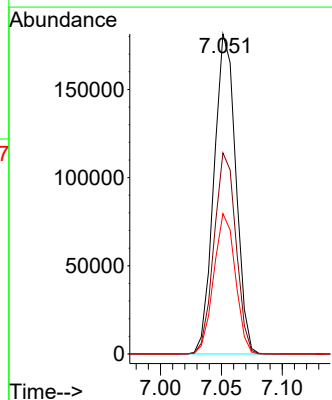
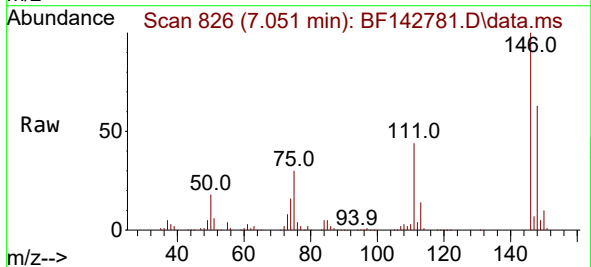
Instrument :
BNA_F
ClientSampleId :
MH-CMS

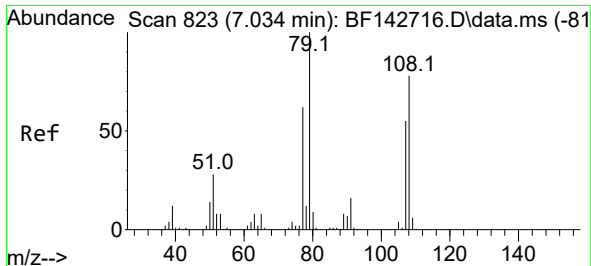
Tgt Ion:146 Resp: 230955
Ion Ratio Lower Upper
146 100
148 62.4 50.5 75.7
111 42.3 33.6 50.4



#14
1,2-Dichlorobenzene
Concen: 38.825 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion:146 Resp: 226371
Ion Ratio Lower Upper
146 100
148 62.8 50.4 75.6
111 43.8 35.2 52.8

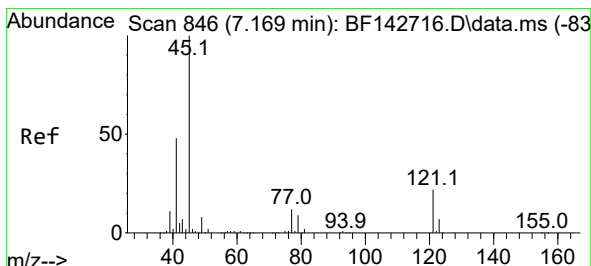
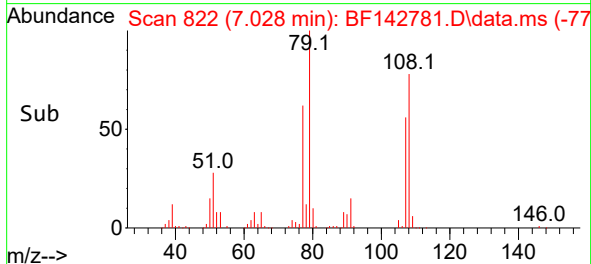
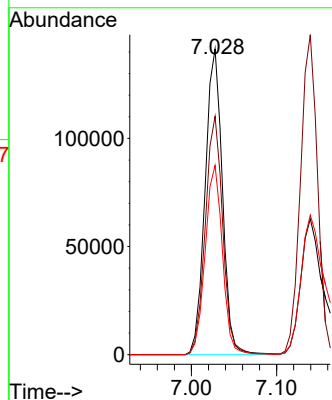
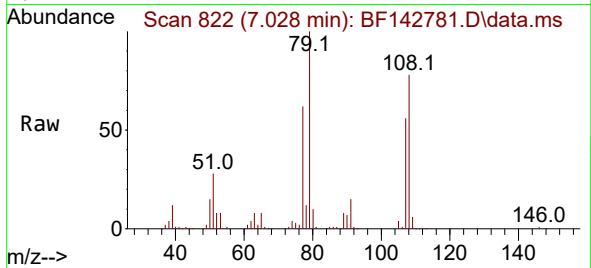




#15
Benzyl Alcohol
Concen: 46.426 ng
RT: 7.028 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

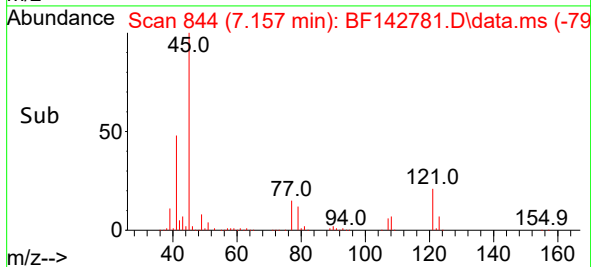
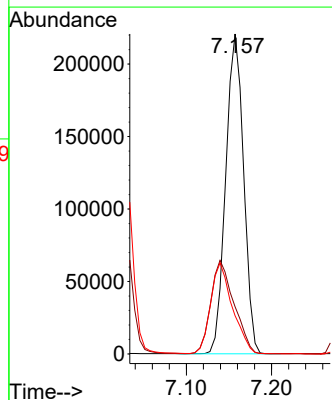
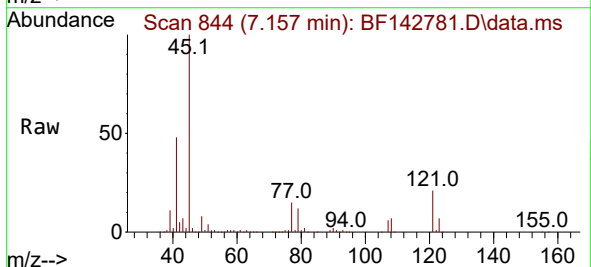
Instrument :
BNA_F
ClientSampleId :
MH-CMS

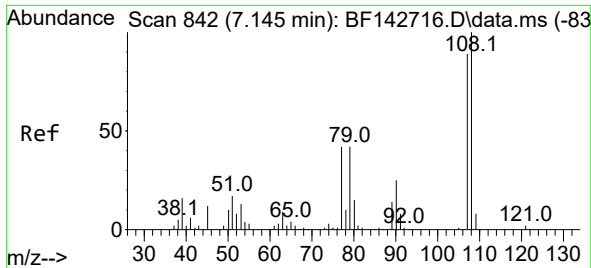
Tgt Ion: 79 Resp: 199290
Ion Ratio Lower Upper
79 100
108 78.0 62.6 94.0
77 61.9 49.8 74.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.424 ng
RT: 7.157 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion: 45 Resp: 322375
Ion Ratio Lower Upper
45 100
77 14.8 0.0 33.1
79 11.9 0.0 30.5

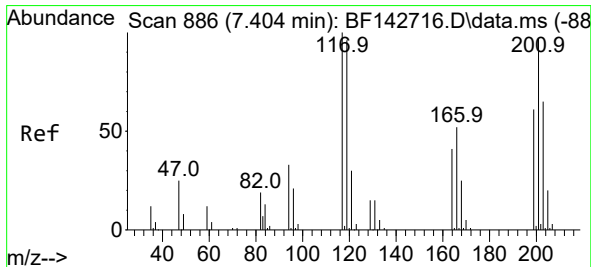
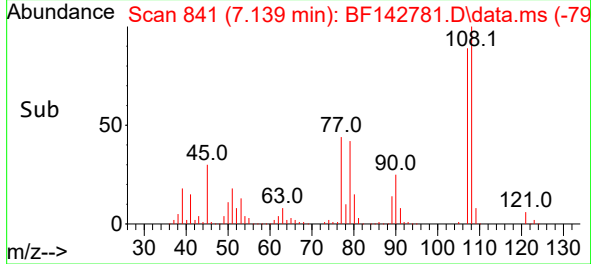
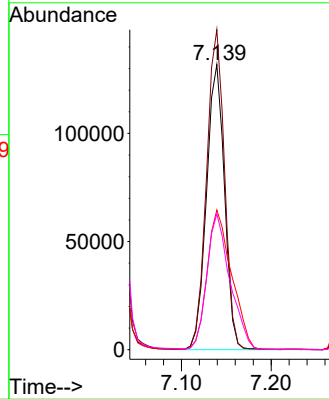
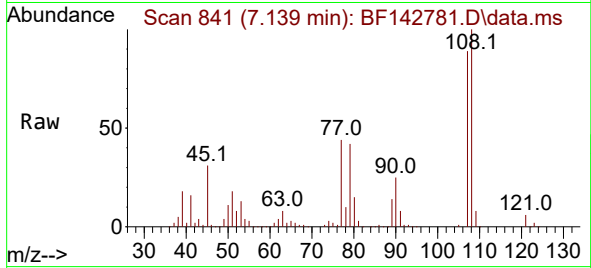




#17
2-Methylphenol
Concen: 45.535 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

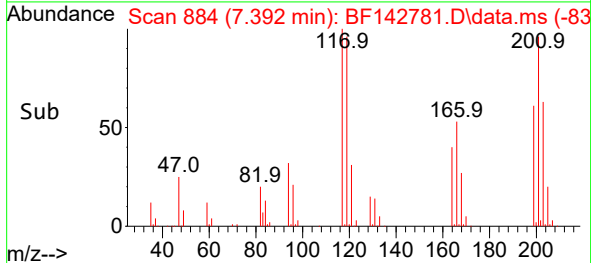
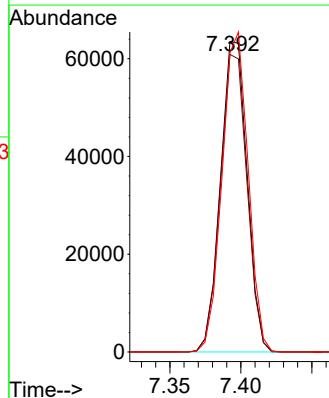
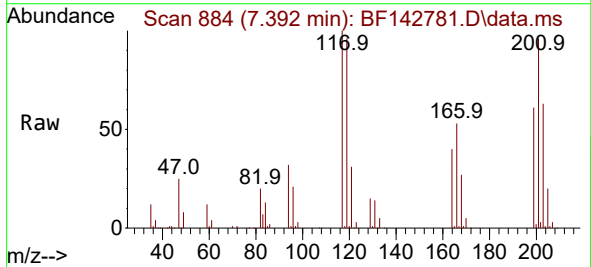
Instrument :
BNA_F
ClientSampleId :
MH-CMS

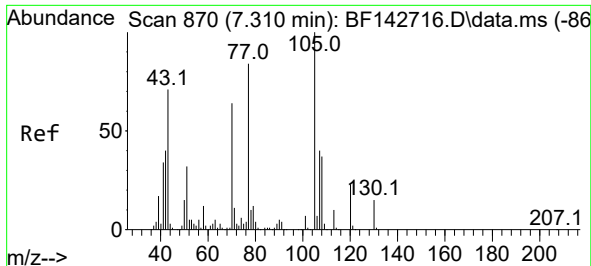
Tgt Ion:107 Resp: 184098
Ion Ratio Lower Upper
107 100
108 112.2 90.0 135.0
77 49.0 38.2 57.2
79 47.7 37.8 56.6



#18
Hexachloroethane
Concen: 38.031 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion:117 Resp: 82900
Ion Ratio Lower Upper
117 100
119 95.8 76.4 114.6
201 96.2 77.8 116.6



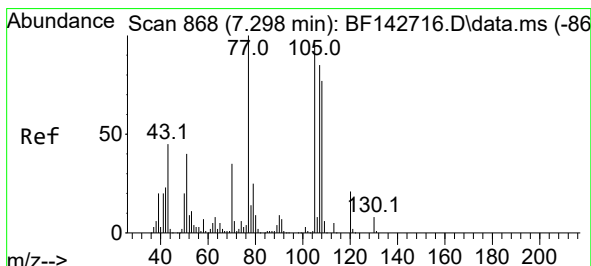
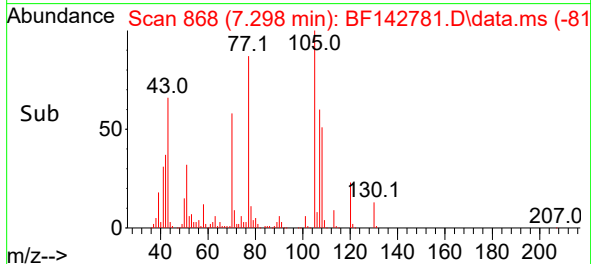
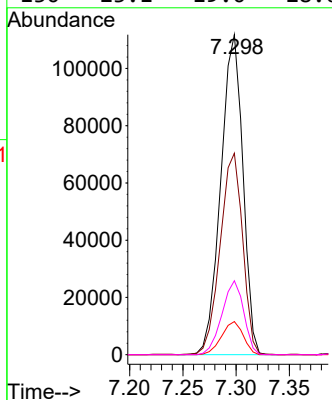
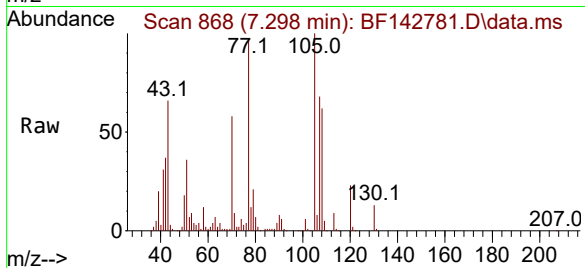


#19
n-Nitroso-di-n-propylamine
Concen: 44.532 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Instrument :
BNA_F
ClientSampleId :
MH-CMS

Tgt Ion: 70 Resp: 161010

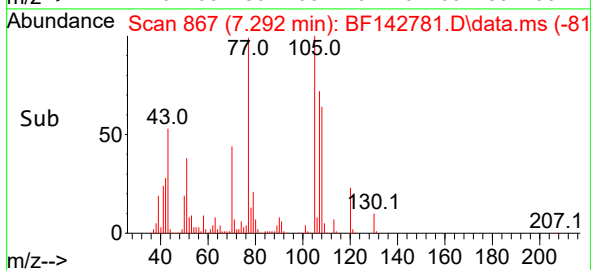
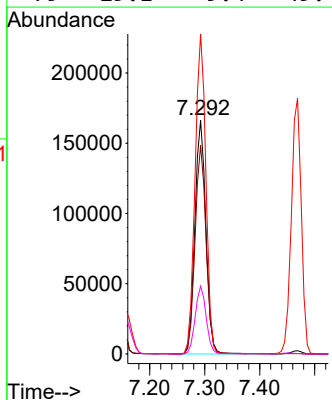
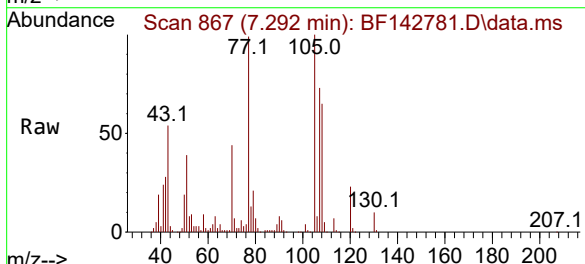
Ion	Ratio	Lower	Upper
70	100		
42	62.9	50.2	75.4
101	10.3	8.3	12.5
130	23.1	19.0	28.6

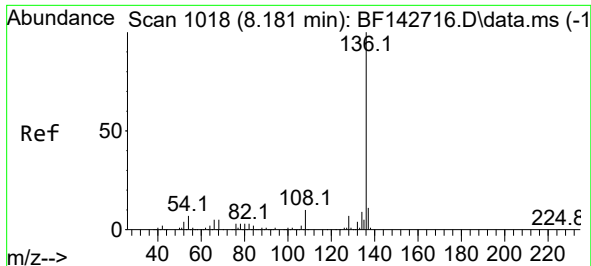


#20
3+4-Methylphenols
Concen: 45.377 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion: 107 Resp: 231289

Ion	Ratio	Lower	Upper
107	100		
108	89.3	69.9	109.9
77	137.0	97.4	137.4
79	29.1	9.4	49.4

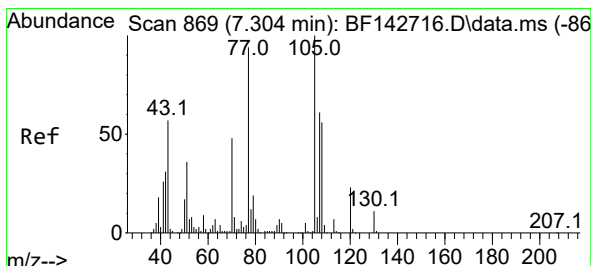
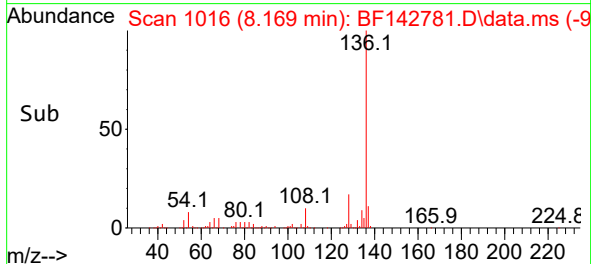
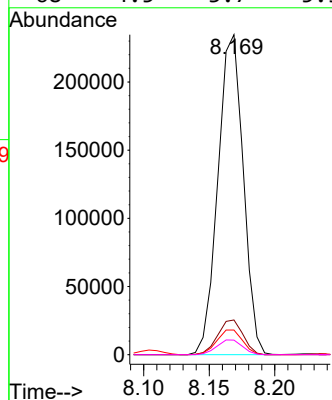
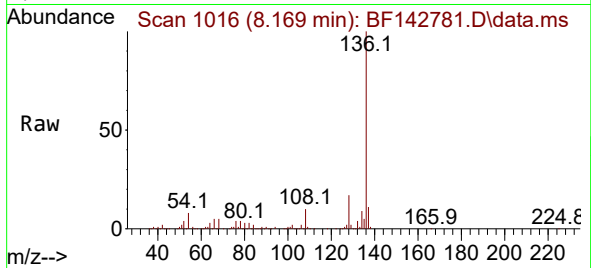




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

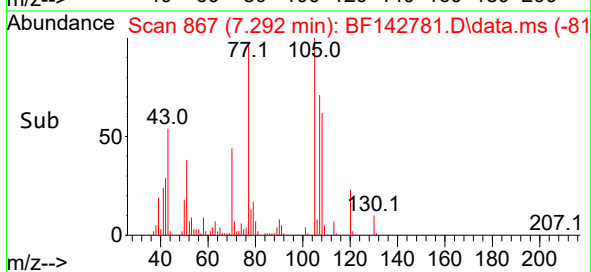
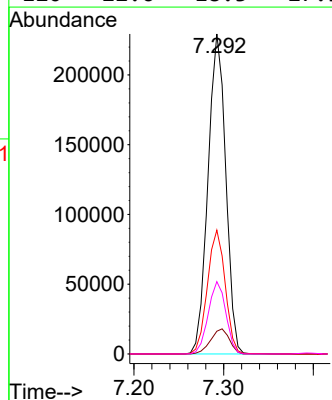
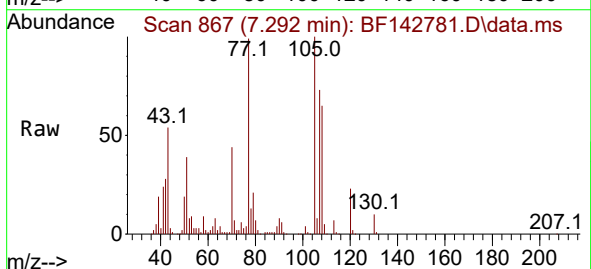
Instrument :
BNA_F
ClientSampleId :
MH-CMS

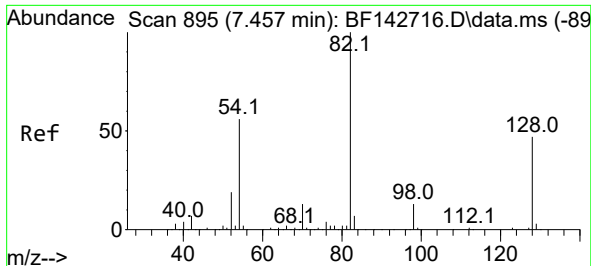
Tgt Ion:136 Resp: 315259
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.7 5.9 8.9
68 4.5 3.7 5.5



#22
Acetophenone
Concen: 44.912 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion:105 Resp: 314957
Ion Ratio Lower Upper
105 100
71 7.1 6.4 9.6
51 38.7 29.1 43.7
120 22.6 18.3 27.5





#23

Nitrobenzene-d5

Concen: 83.301 ng

RT: 7.445 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF142781.D

Acq: 18 Jun 2025 17:03

Instrument :

BNA_F

ClientSampleId :

MH-CMS

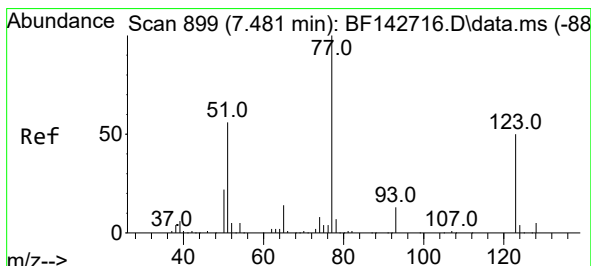
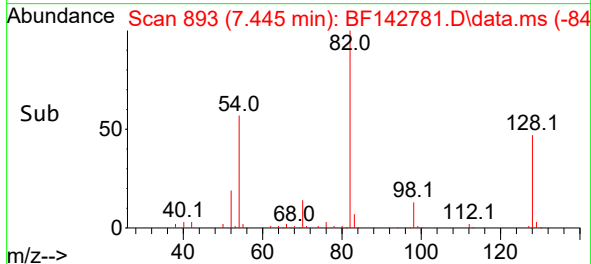
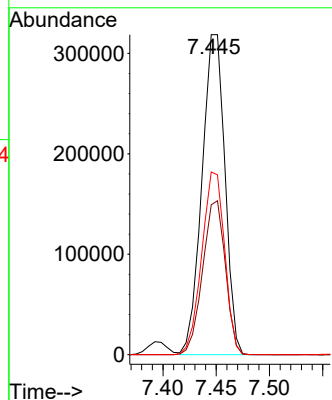
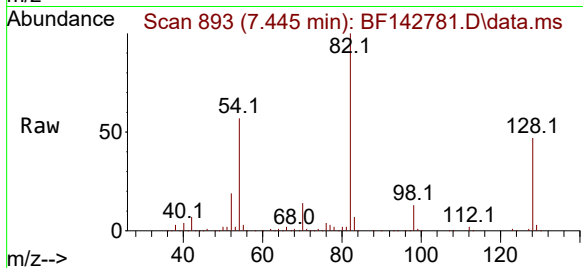
Tgt Ion: 82 Resp: 479856

Ion Ratio Lower Upper

82 100

128 46.8 37.8 56.8

54 57.1 44.9 67.3



#24

Nitrobenzene

Concen: 45.140 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF142781.D

Acq: 18 Jun 2025 17:03

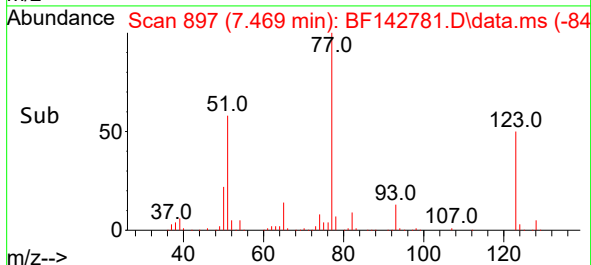
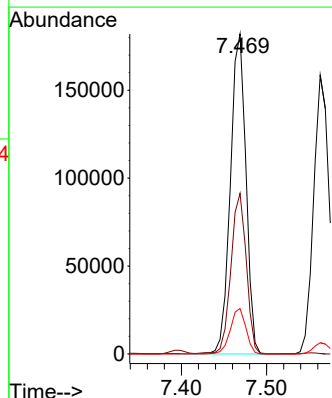
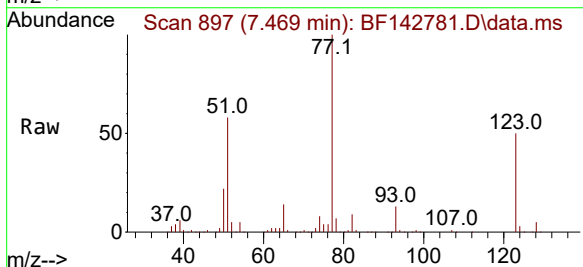
Tgt Ion: 77 Resp: 230786

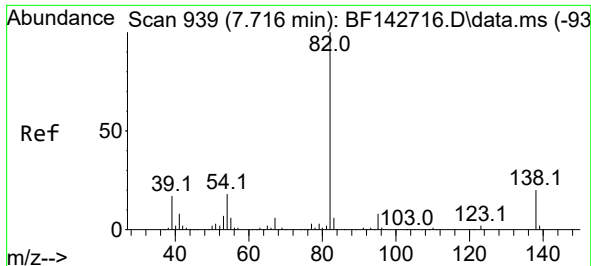
Ion Ratio Lower Upper

77 100

123 50.2 40.8 61.2

65 14.2 11.5 17.3

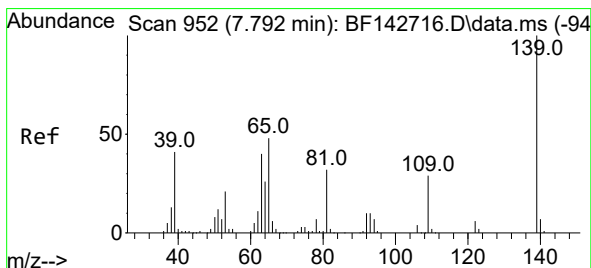
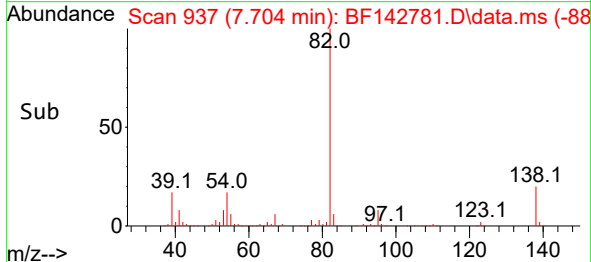
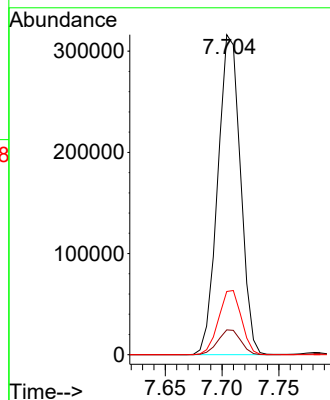
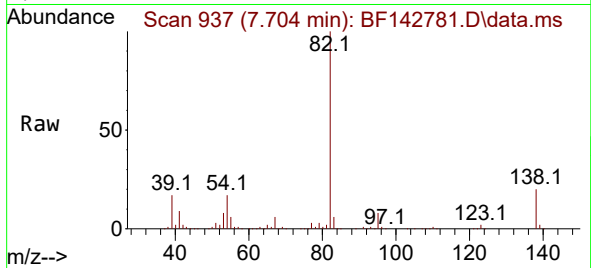




#25
Isophorone
Concen: 45.086 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

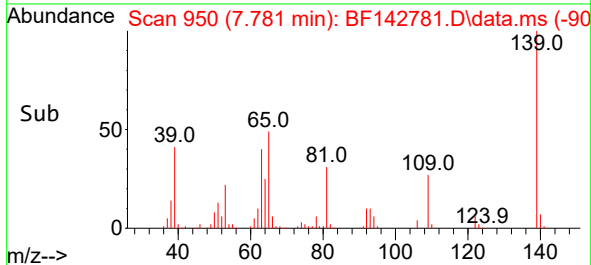
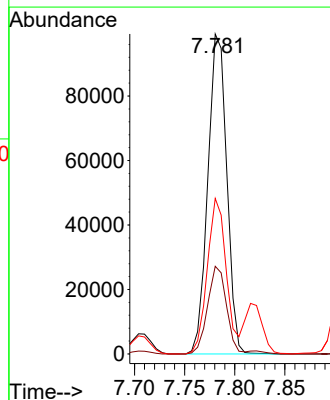
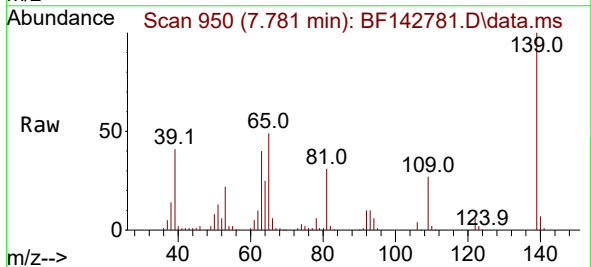
Instrument :
BNA_F
ClientSampleId :
MH-CMS

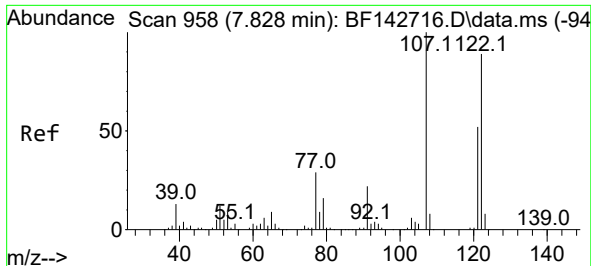
Tgt Ion: 82 Resp: 439745
Ion Ratio Lower Upper
82 100
95 7.8 6.0 9.0
138 19.8 15.8 23.6



#26
2-Nitrophenol
Concen: 45.811 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion:139 Resp: 130712
Ion Ratio Lower Upper
139 100
109 27.4 23.4 35.2
65 48.6 38.7 58.1

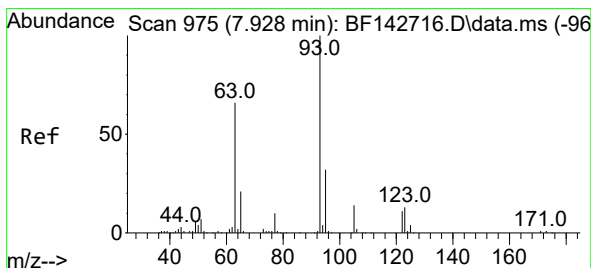
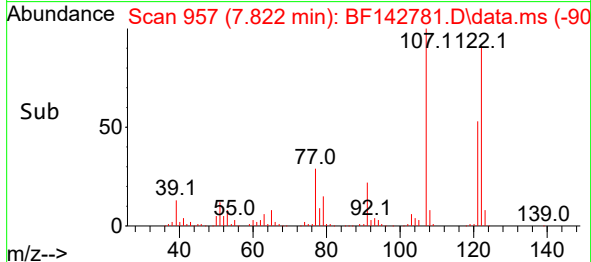
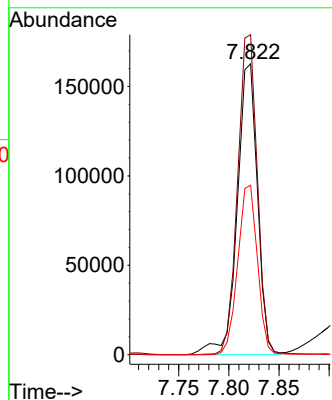
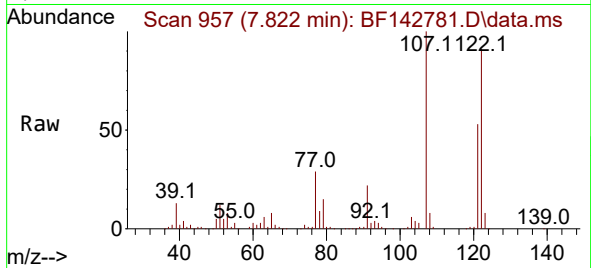




#27
2,4-Dimethylphenol
Concen: 47.205 ng
RT: 7.822 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

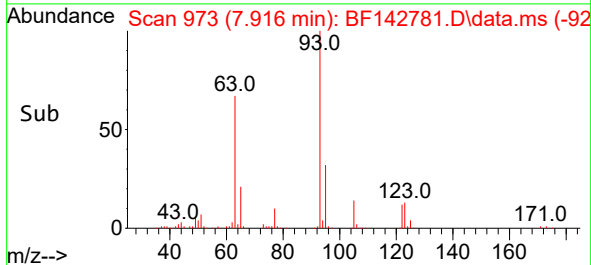
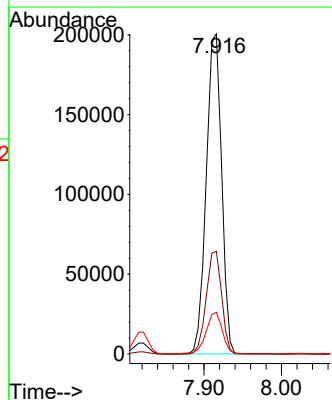
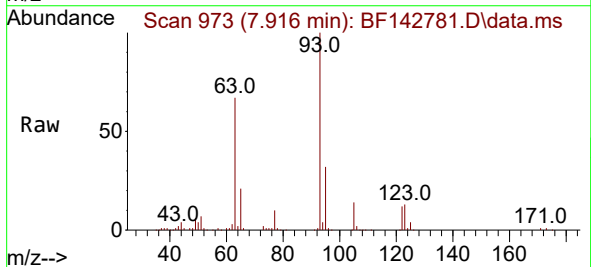
Instrument :
BNA_F
ClientSampleId :
MH-CMS

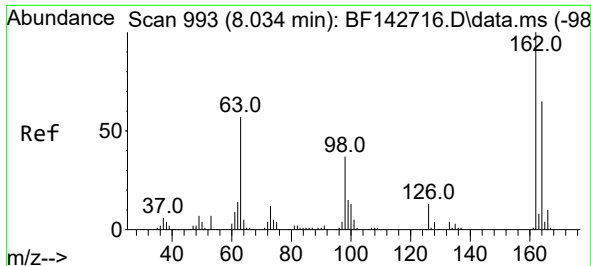
Tgt Ion:122 Resp: 229318
Ion Ratio Lower Upper
122 100
107 110.0 90.4 135.6
121 58.3 46.9 70.3



#28
bis(2-Chloroethoxy)methane
Concen: 45.655 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion: 93 Resp: 276463
Ion Ratio Lower Upper
93 100
95 32.0 25.9 38.9
123 13.0 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 47.873 ng

RT: 8.028 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF142781.D

Acq: 18 Jun 2025 17:03

Instrument :

BNA_F

ClientSampleId :

MH-CMS

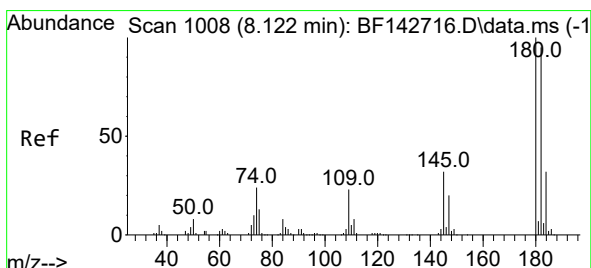
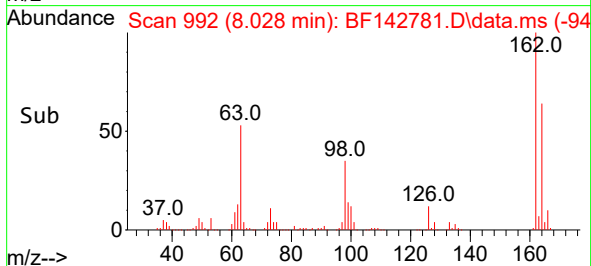
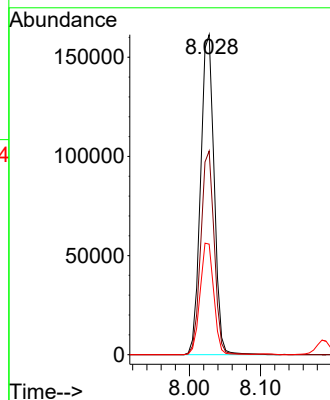
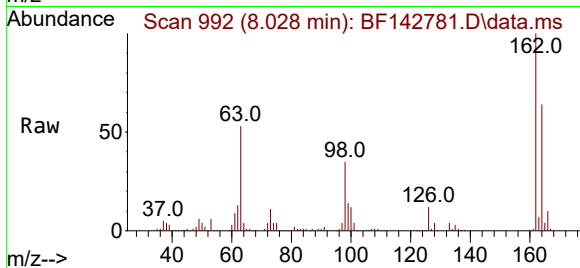
Tgt Ion:162 Resp: 214626

Ion Ratio Lower Upper

162 100

164 63.7 45.1 85.1

98 34.6 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 41.428 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.018 min

Lab File: BF142781.D

Acq: 18 Jun 2025 17:03

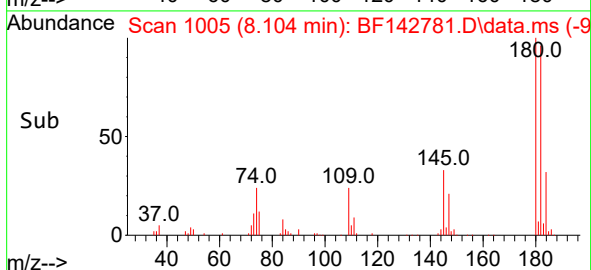
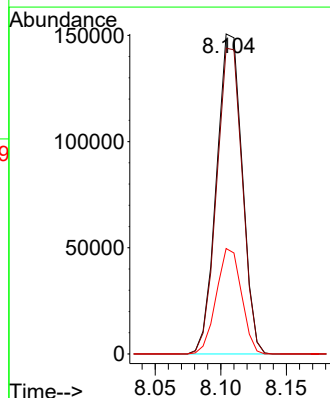
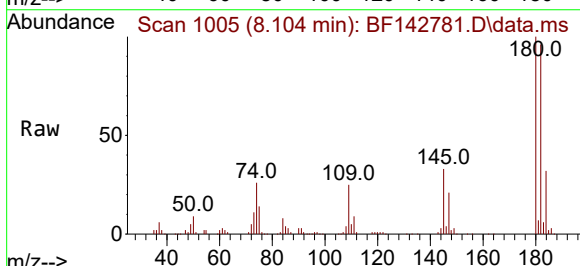
Tgt Ion:180 Resp: 205234

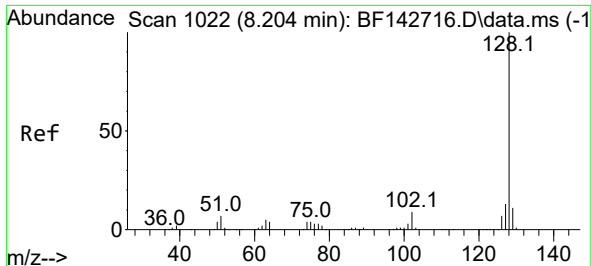
Ion Ratio Lower Upper

180 100

182 95.5 75.9 113.9

145 32.9 25.7 38.5

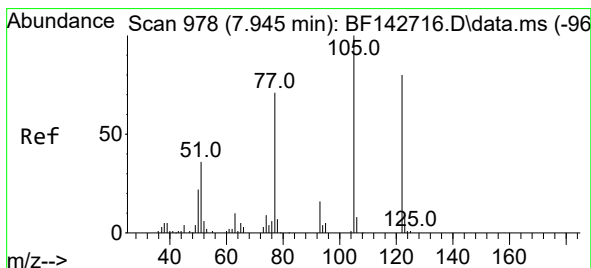
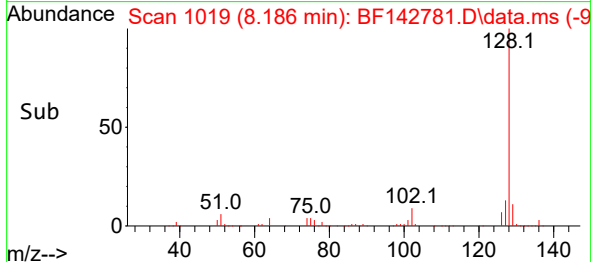
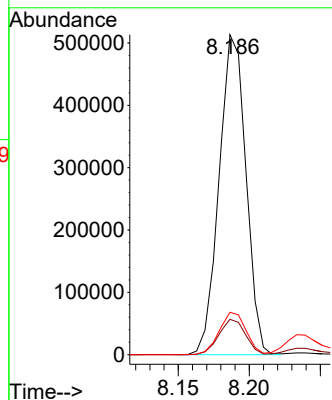
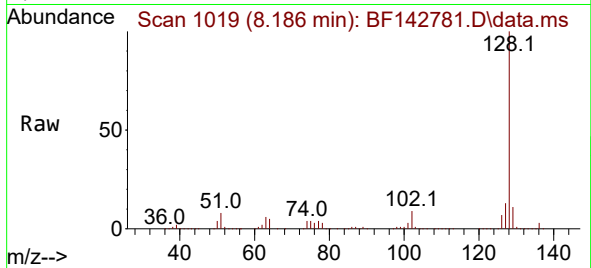




#31
Naphthalene
Concen: 43.275 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

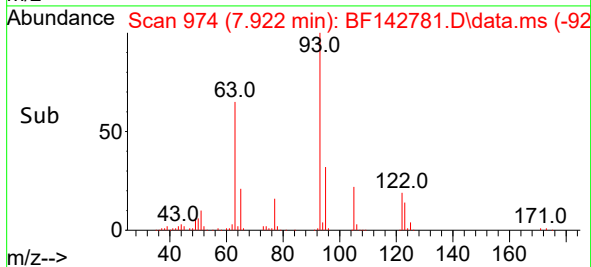
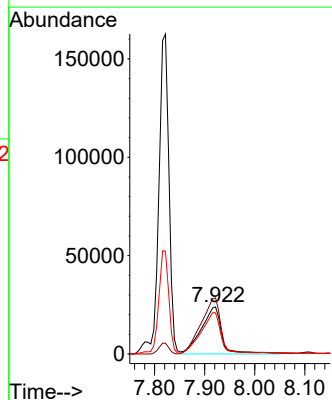
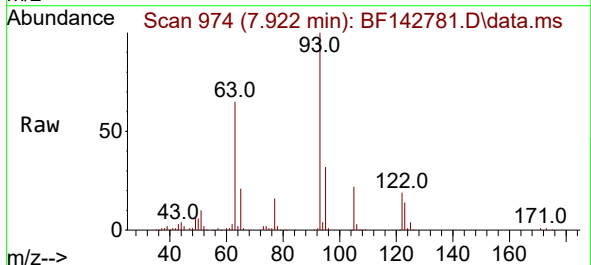
Instrument :
BNA_F
ClientSampleId :
MH-CMS

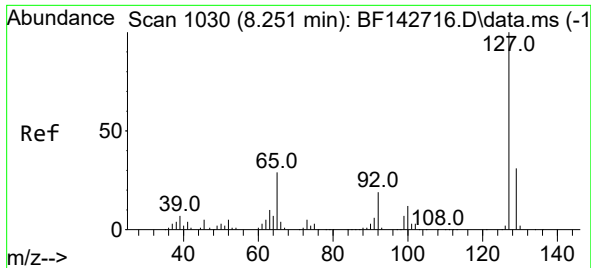
Tgt Ion:128 Resp: 674727
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.4 15.6



#32
Benzoic acid
Concen: 24.986 ng m
RT: 7.922 min Scan# 974
Delta R.T. -0.024 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion:122 Resp: 68359
Ion Ratio Lower Upper
122 100
105 119.2 102.6 142.6
77 87.4 68.2 108.2

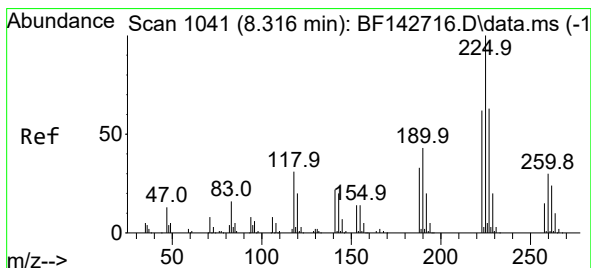
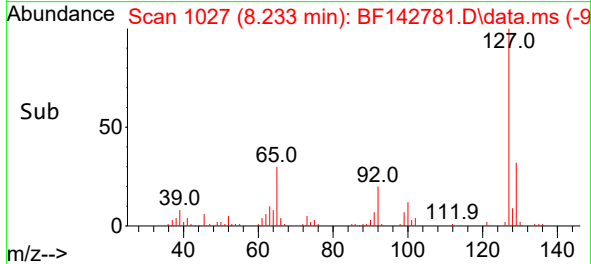
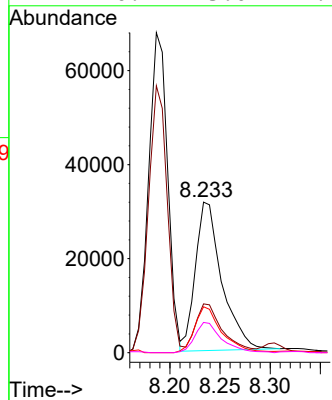
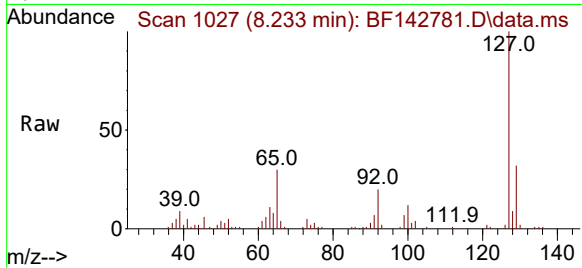




#33
4-Chloroaniline
Concen: 9.257 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.018 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

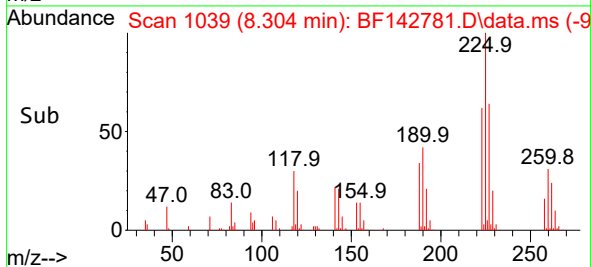
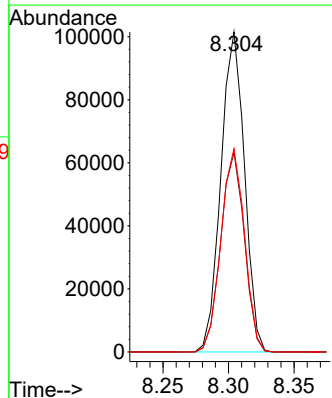
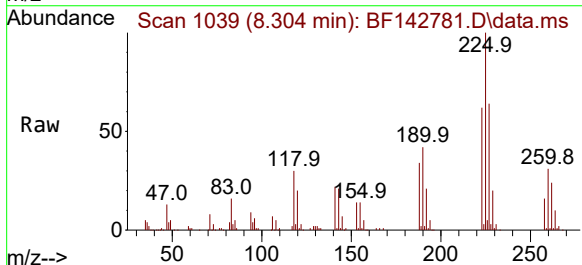
Instrument :
BNA_F
ClientSampleId :
MH-CMS

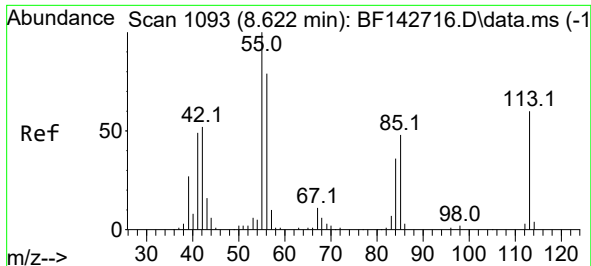
Tgt Ion:127	Resp:	57953
Ion	Ratio	Lower Upper
127	100	
129	32.4	25.6 38.4
65	30.5	23.0 34.4
92	20.1	15.0 22.4



#34
Hexachlorobutadiene
Concen: 40.202 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion:225	Resp:	126914
Ion	Ratio	Lower Upper
225	100	
223	62.2	49.3 73.9
227	63.5	50.6 75.8

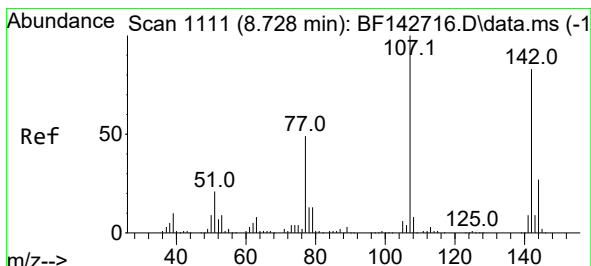
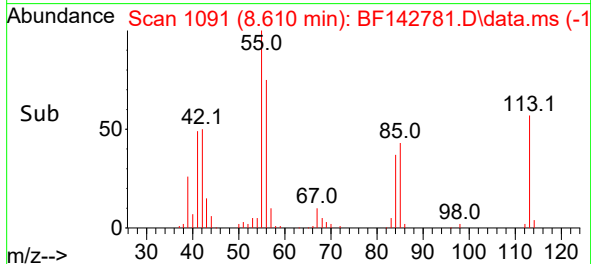
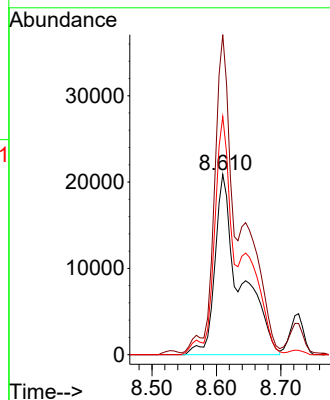
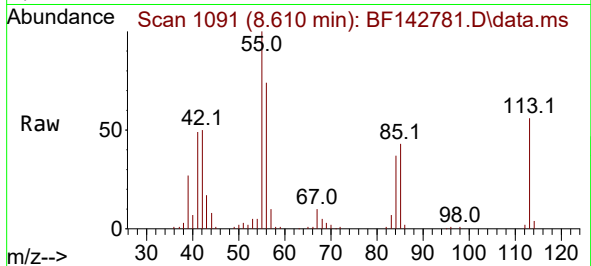




#35
 Caprolactam
 Concen: 47.295 ng m
 RT: 8.610 min Scan# 1091
 Delta R.T. -0.012 min
 Lab File: BF142781.D
 Acq: 18 Jun 2025 17:03

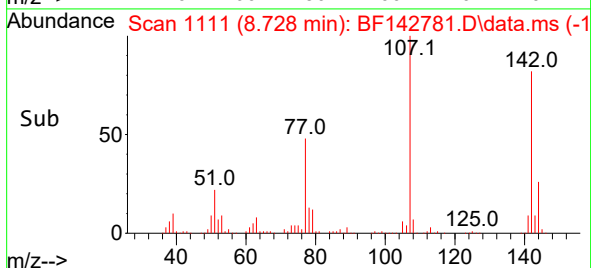
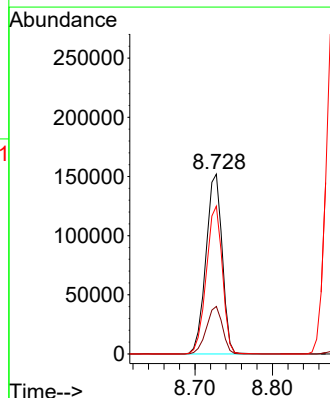
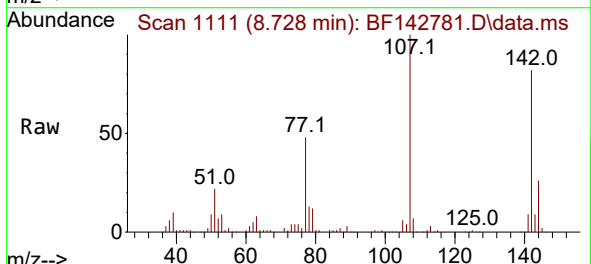
Instrument :
 BNA_F
 ClientSampleId :
 MH-CMS

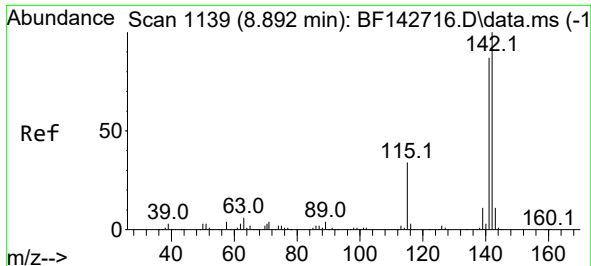
Tgt Ion:113 Resp: 57235
 Ion Ratio Lower Upper
 113 100
 55 177.5 147.9 187.9
 56 132.1 111.9 151.9



#36
 4-Chloro-3-methylphenol
 Concen: 47.584 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.000 min
 Lab File: BF142781.D
 Acq: 18 Jun 2025 17:03

Tgt Ion:107 Resp: 221824
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.3 31.9
 142 82.2 66.2 99.2

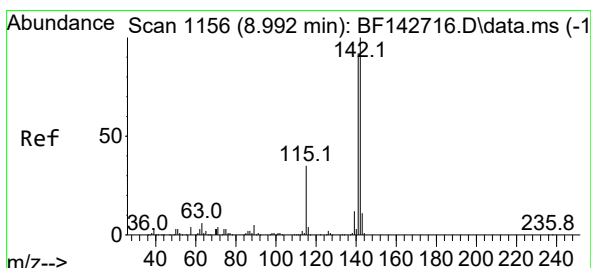
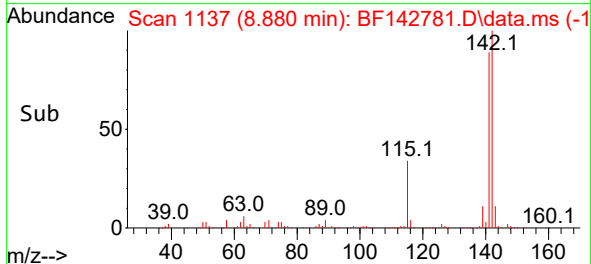
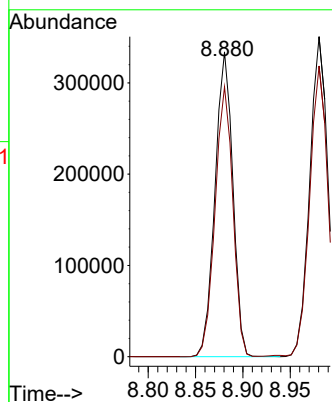
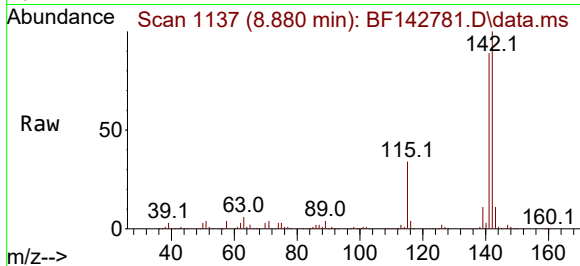




#37
2-Methylnaphthalene
Concen: 44.351 ng
RT: 8.880 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

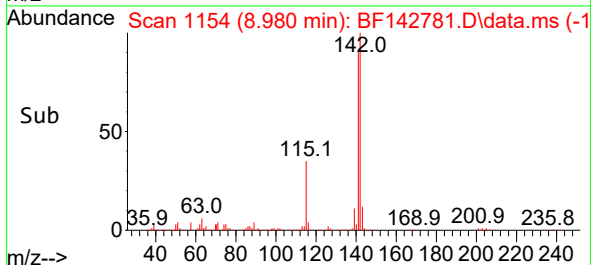
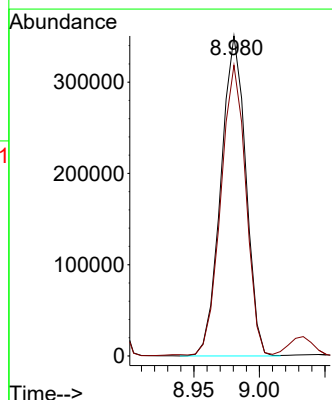
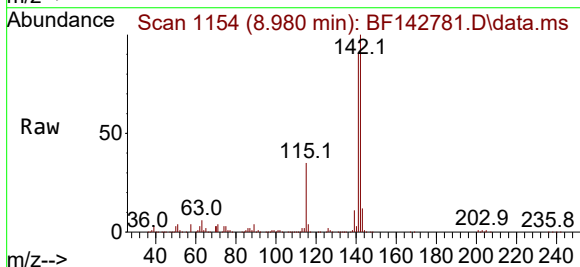
Instrument :
BNA_F
ClientSampleId :
MH-CMS

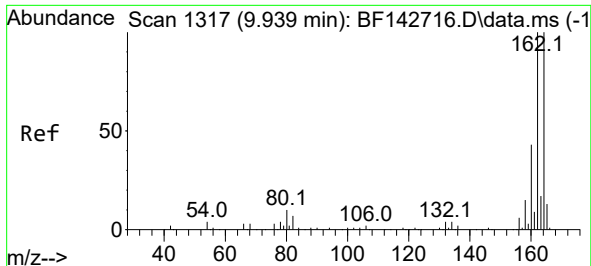
Tgt Ion:142 Resp: 437686
Ion Ratio Lower Upper
142 100
141 88.6 69.9 104.9



#38
1-Methylnaphthalene
Concen: 45.335 ng
RT: 8.980 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion:142 Resp: 463471
Ion Ratio Lower Upper
142 100
141 90.9 73.5 110.3

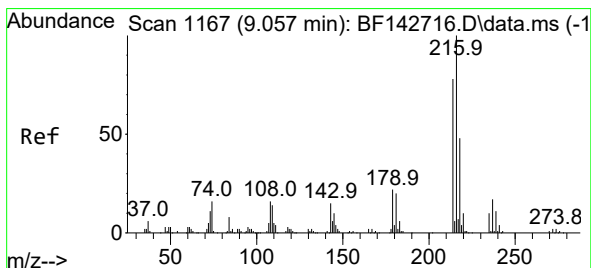
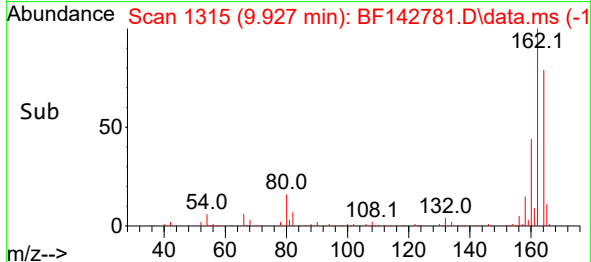
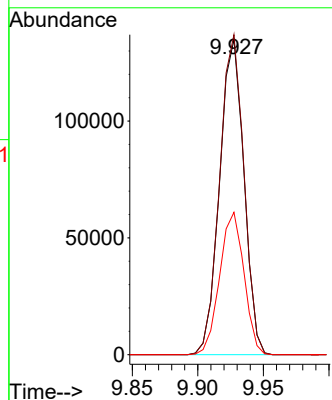
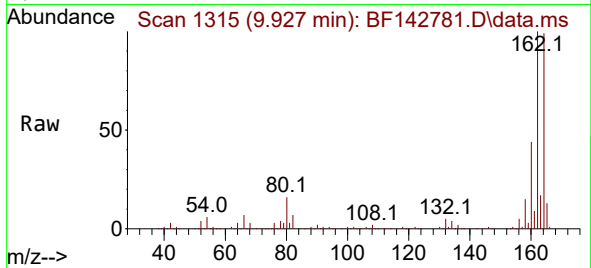




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

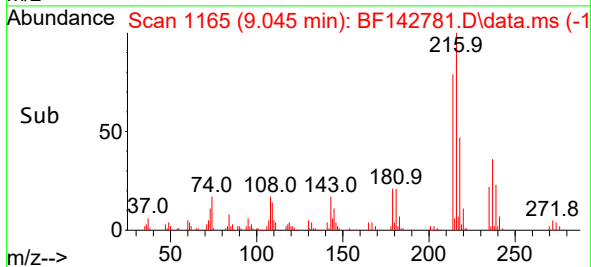
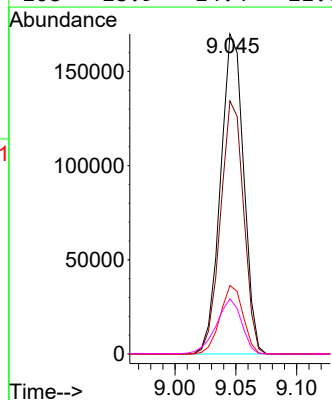
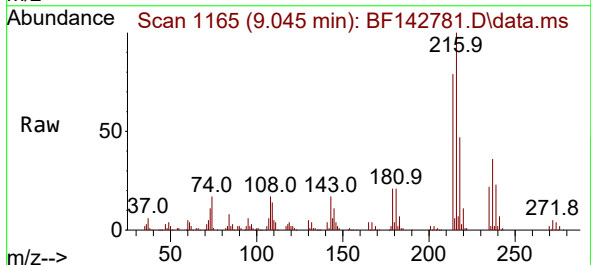
Instrument :
BNA_F
ClientSampleId :
MH-CMS

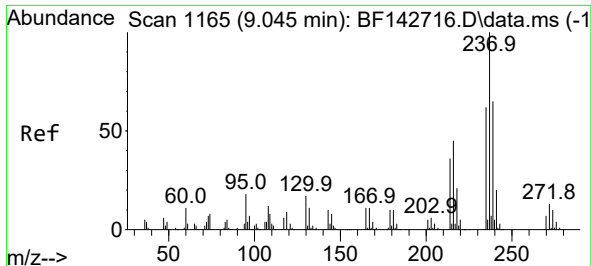
Tgt Ion:164 Resp: 173555
Ion Ratio Lower Upper
164 100
162 101.5 79.9 119.9
160 45.2 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.731 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion:216 Resp: 224691
Ion Ratio Lower Upper
216 100
214 78.9 62.6 94.0
179 21.2 17.1 25.7
108 18.9 14.4 21.6

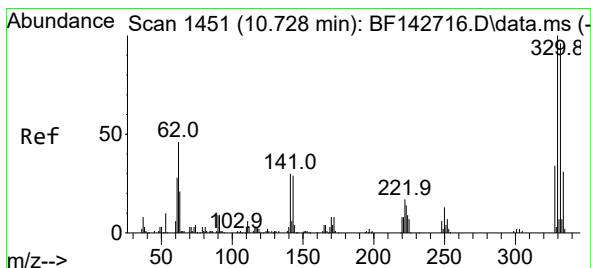
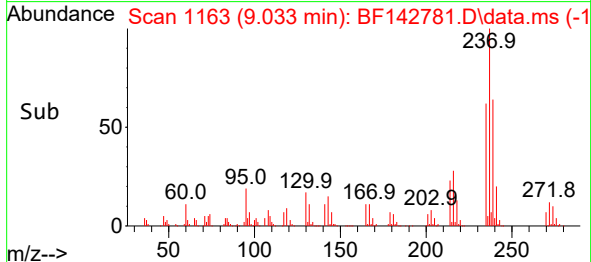
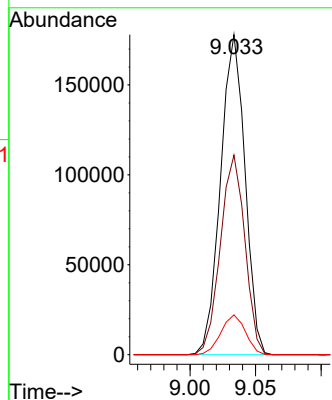
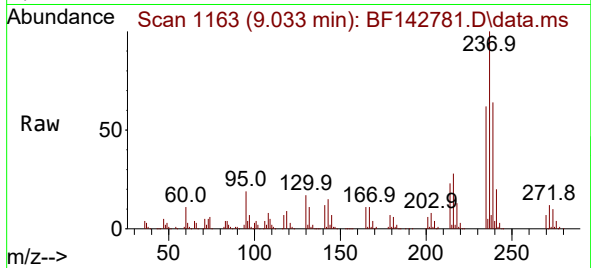




#41
Hexachlorocyclopentadiene
Concen: 71.423 ng
RT: 9.033 min Scan# 1163
Delta R.T. -0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

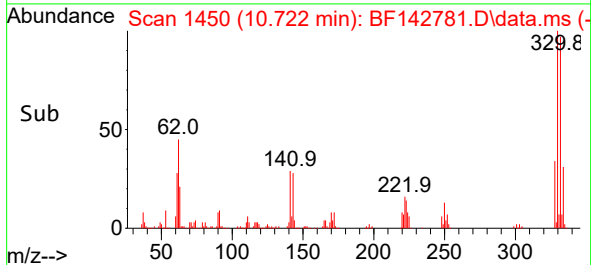
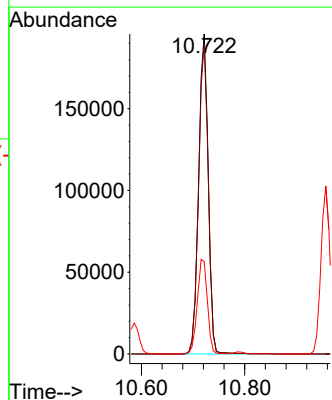
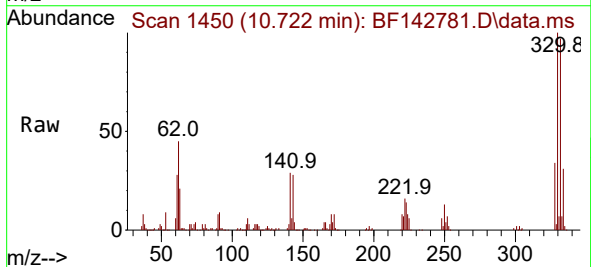
Instrument :
BNA_F
ClientSampleId :
MH-CMS

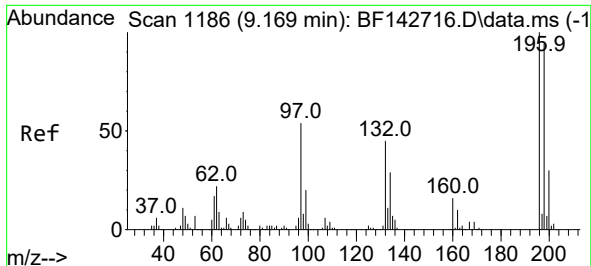
Tgt Ion:237 Resp: 230266
Ion Ratio Lower Upper
237 100
235 62.3 41.9 81.9
272 12.4 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 133.145 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion:330 Resp: 253261
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 31.0 25.4 38.0

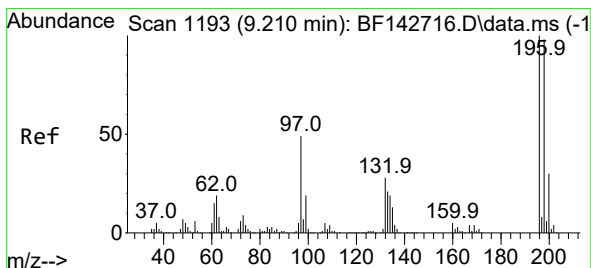
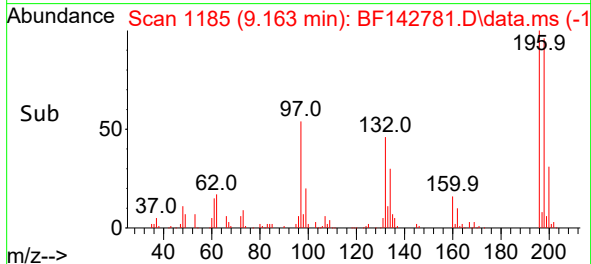
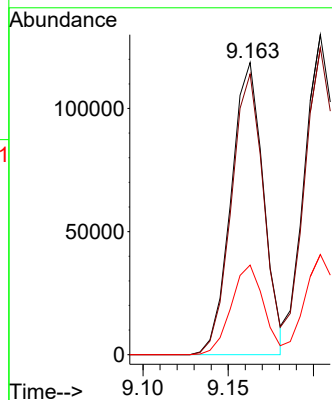
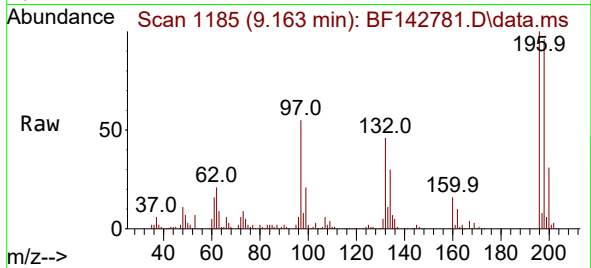




#43
2,4,6-Trichlorophenol
Concen: 48.277 ng
RT: 9.163 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

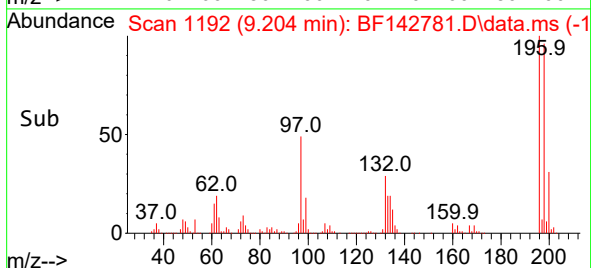
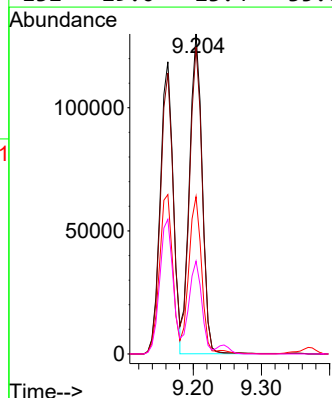
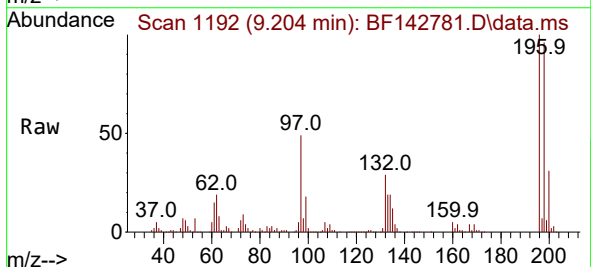
Instrument :
BNA_F
ClientSampleId :
MH-CMS

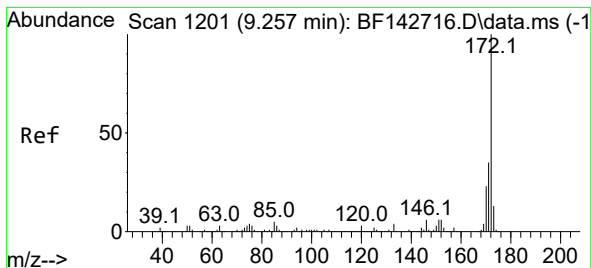
Tgt Ion:196 Resp: 156979
Ion Ratio Lower Upper
196 100
198 96.1 75.5 113.3
200 30.7 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 47.648 ng
RT: 9.204 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion:196 Resp: 167339
Ion Ratio Lower Upper
196 100
198 95.9 78.2 117.2
97 49.2 38.6 57.8
132 29.0 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 81.597 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF142781.D

Acq: 18 Jun 2025 17:03

Instrument :

BNA_F

ClientSampleId :

MH-CMS

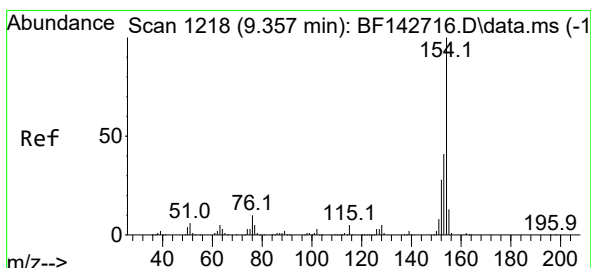
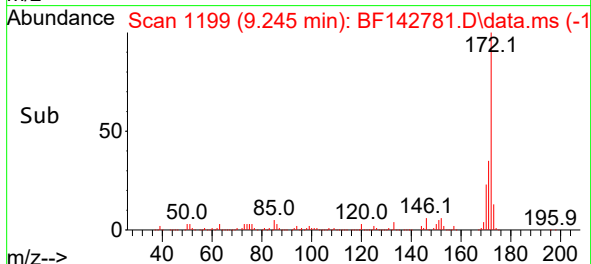
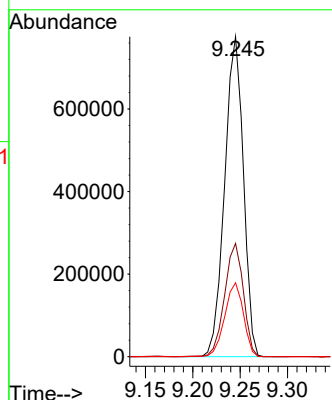
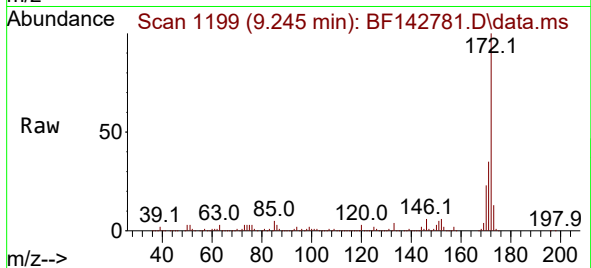
Tgt Ion:172 Resp: 1065934

Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.1 18.6 27.8



#46

1,1'-Biphenyl

Concen: 46.458 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF142781.D

Acq: 18 Jun 2025 17:03

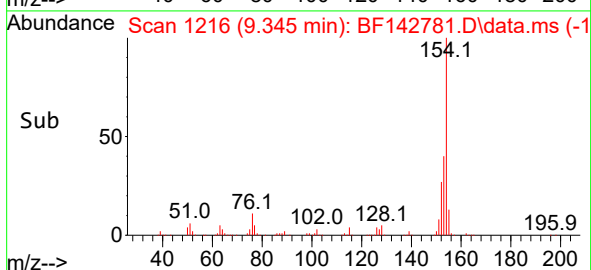
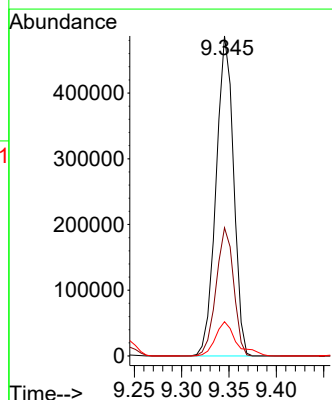
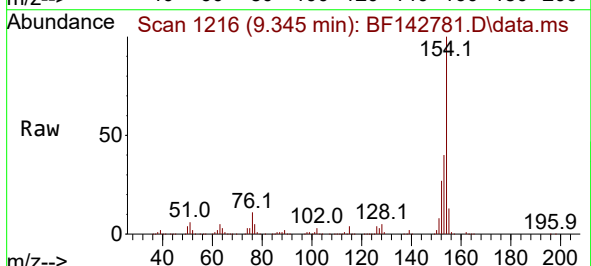
Tgt Ion:154 Resp: 626098

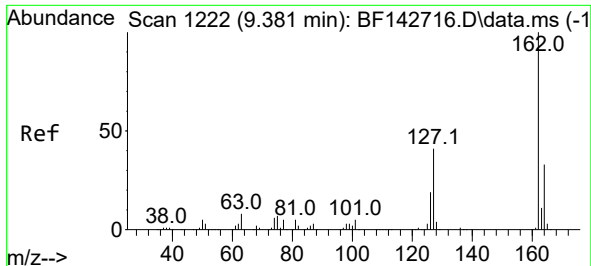
Ion Ratio Lower Upper

154 100

153 40.1 20.6 60.6

76 10.7 0.0 30.2





#47

2-Chloronaphthalene

Concen: 45.398 ng

RT: 9.375 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142781.D

Acq: 18 Jun 2025 17:03

Instrument :

BNA_F

ClientSampleId :

MH-CMS

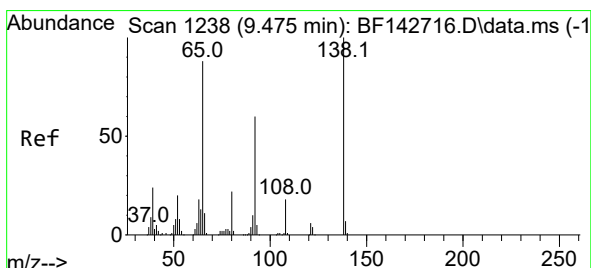
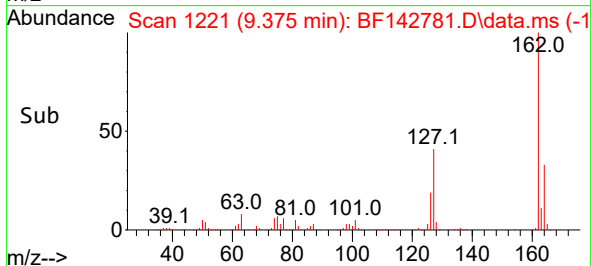
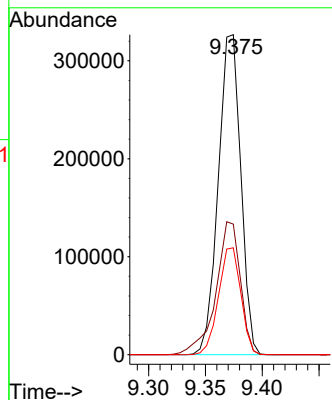
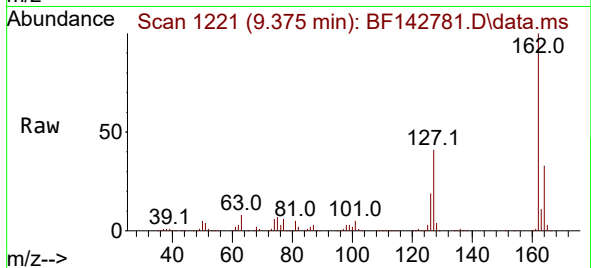
Tgt Ion:162 Resp: 450740

Ion Ratio Lower Upper

162 100

127 40.8 33.5 50.3

164 33.4 26.1 39.1



#48

2-Nitroaniline

Concen: 49.728 ng

RT: 9.469 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF142781.D

Acq: 18 Jun 2025 17:03

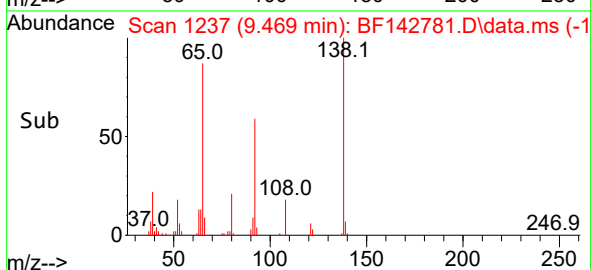
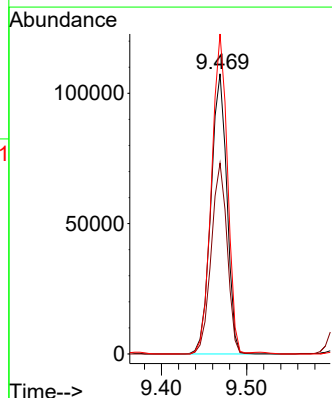
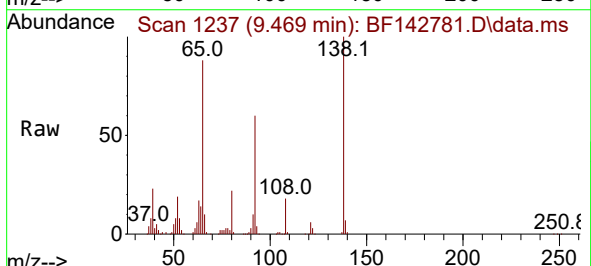
Tgt Ion: 65 Resp: 140428

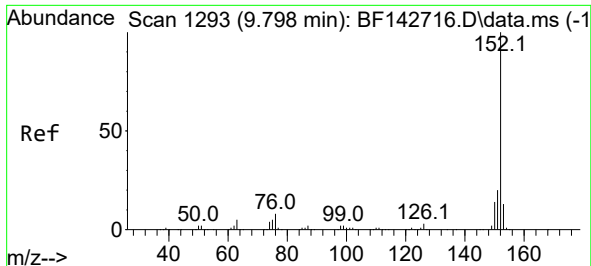
Ion Ratio Lower Upper

65 100

92 68.1 54.5 81.7

138 114.2 90.6 136.0

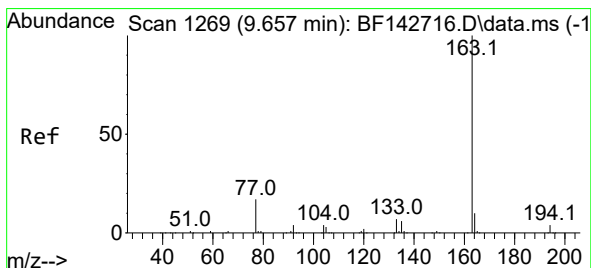
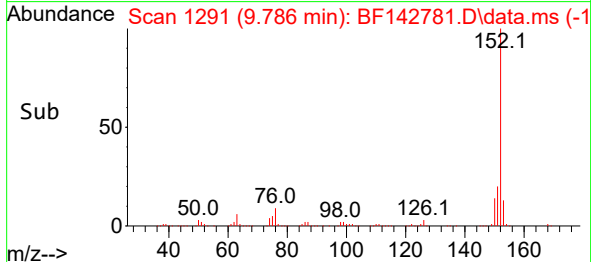
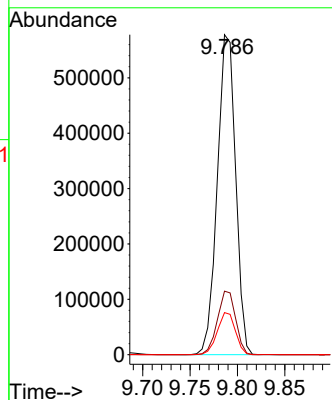
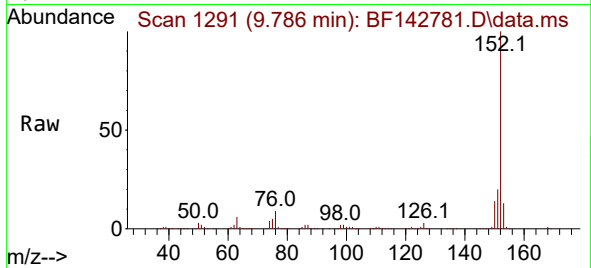




#49
Acenaphthylene
Concen: 46.507 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

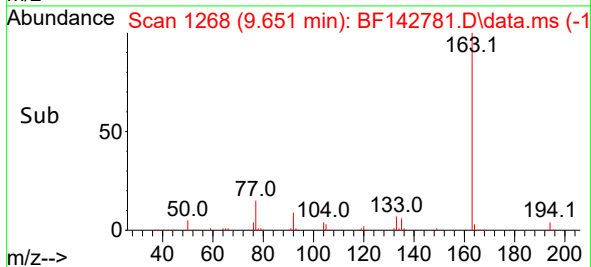
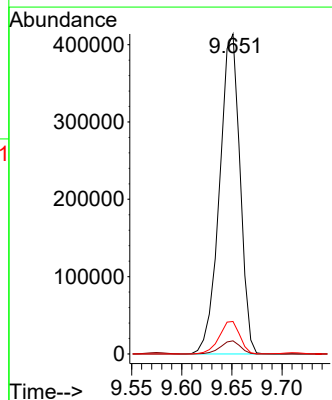
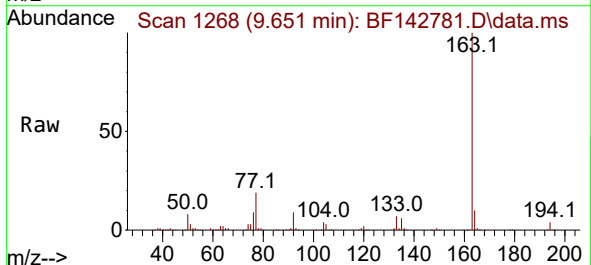
Instrument :
BNA_F
ClientSampleId :
MH-CMS

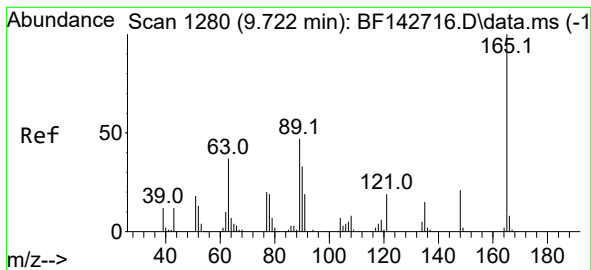
Tgt Ion:152 Resp: 778575
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.2 10.5 15.7



#50
Dimethylphthalate
Concen: 50.417 ng
RT: 9.651 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion:163 Resp: 584320
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.2 8.0 12.0

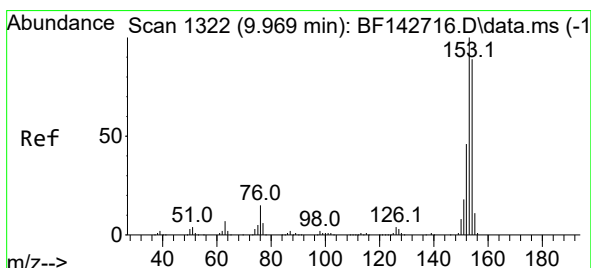
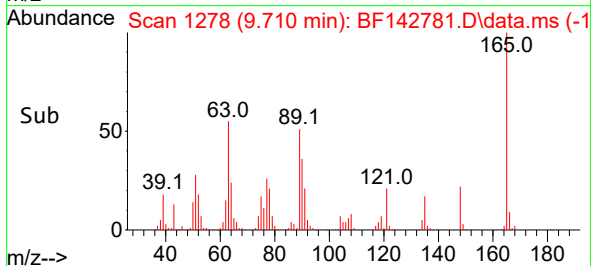
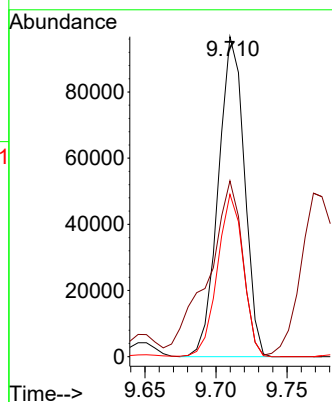
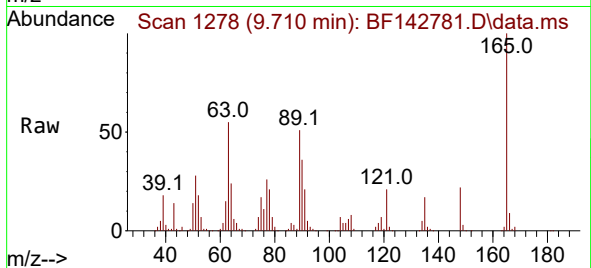




#51
2,6-Dinitrotoluene
Concen: 49.284 ng
RT: 9.710 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

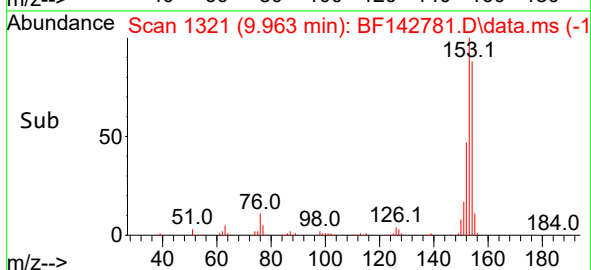
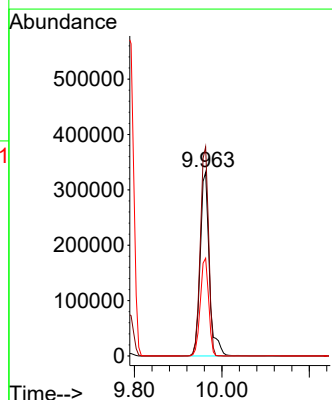
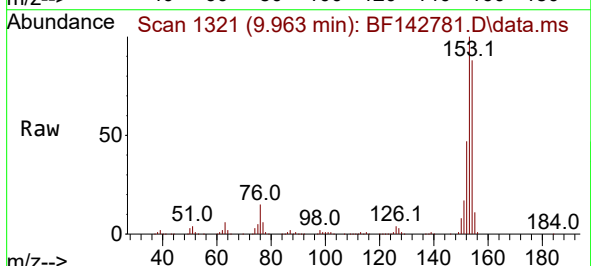
Instrument :
BNA_F
ClientSampleId :
MH-CMS

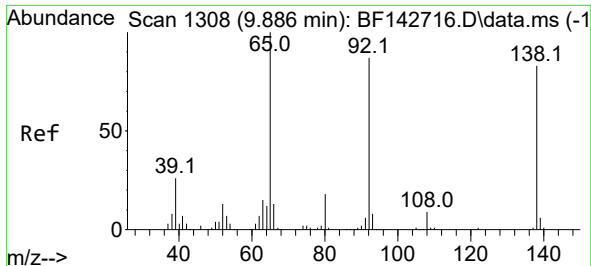
Tgt Ion:165 Resp: 123448
Ion Ratio Lower Upper
165 100
63 54.9 40.6 60.8
89 50.7 37.6 56.4



#52
Acenaphthene
Concen: 46.606 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion:154 Resp: 483759
Ion Ratio Lower Upper
154 100
153 113.9 90.1 135.1
152 53.3 41.9 62.9

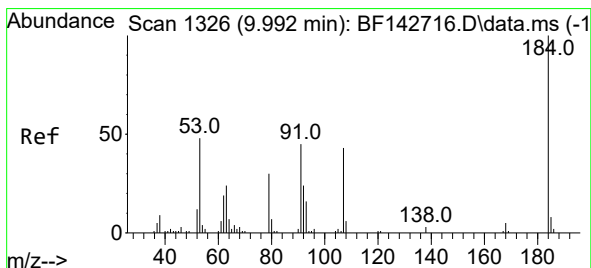
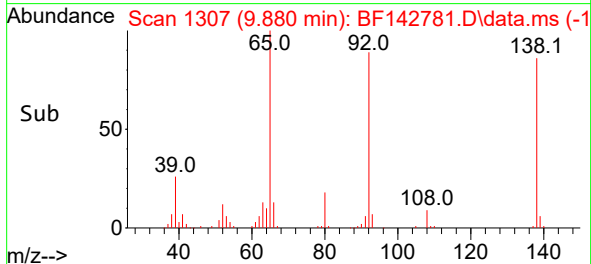
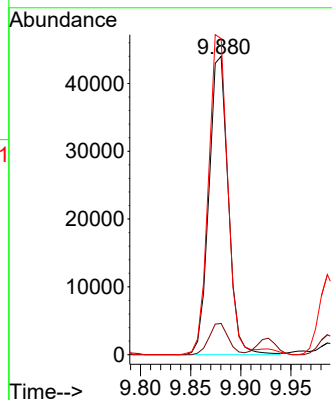
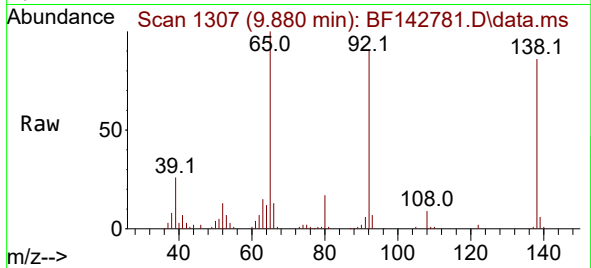




#53
3-Nitroaniline
Concen: 21.766 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

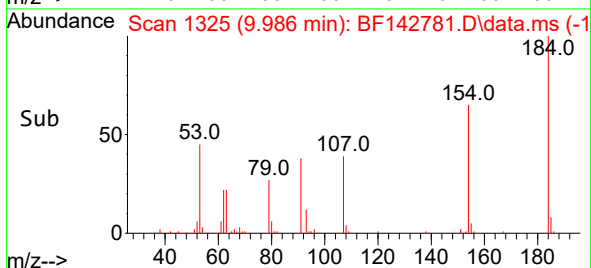
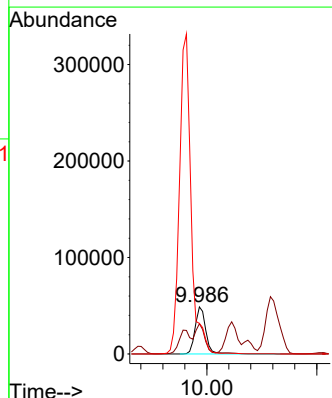
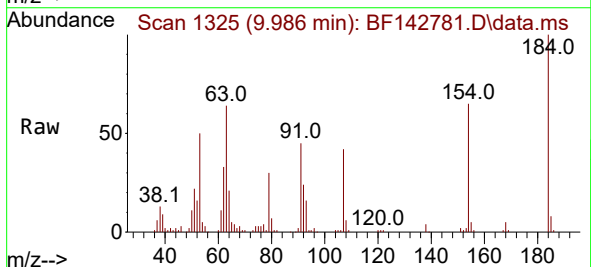
Instrument :
BNA_F
ClientSampleId :
MH-CMS

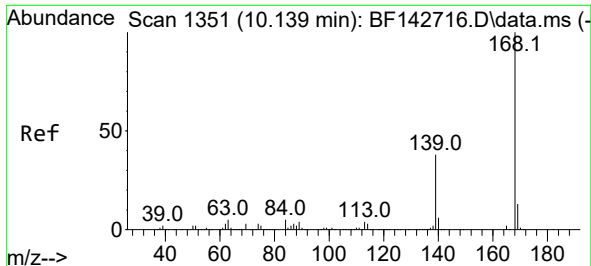
Tgt Ion:138 Resp: 59134
Ion Ratio Lower Upper
138 100
108 10.5 8.3 12.5
92 105.9 84.6 127.0



#54
2,4-Dinitrophenol
Concen: 48.339 ng
RT: 9.986 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion:184 Resp: 66326
Ion Ratio Lower Upper
184 100
63 64.3 51.7 77.5
154 65.0 60.1 90.1

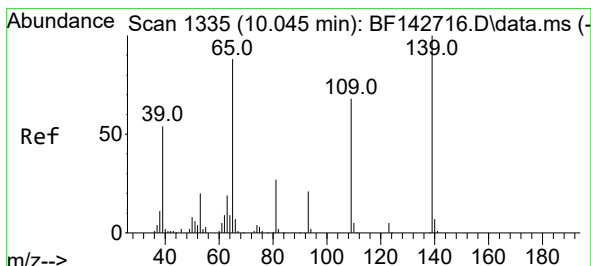
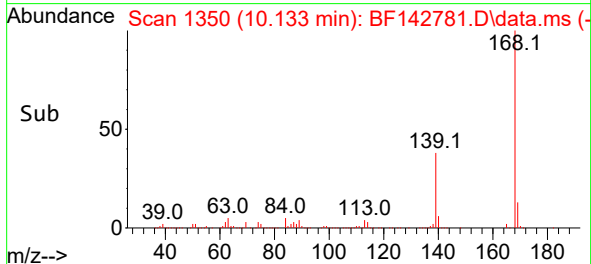
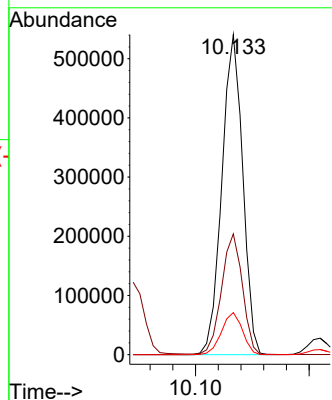
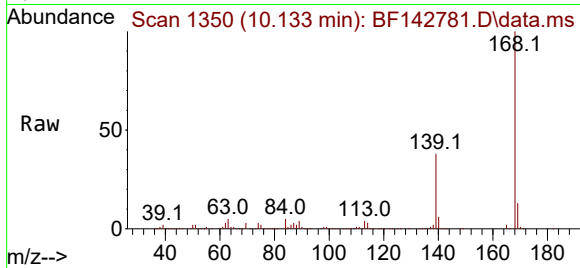




#55
Dibenzenofuran
Concen: 46.632 ng
RT: 10.133 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

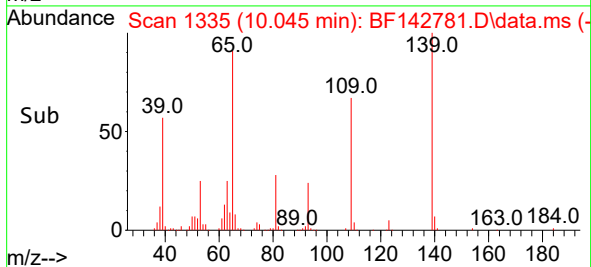
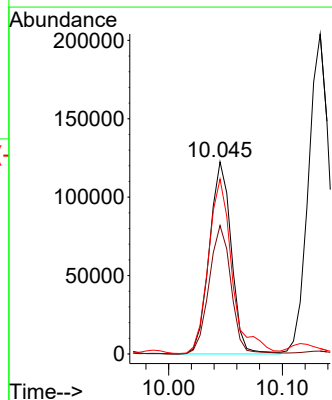
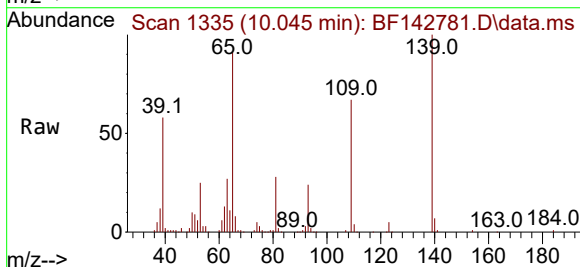
Instrument :
BNA_F
ClientSampleId :
MH-CMS

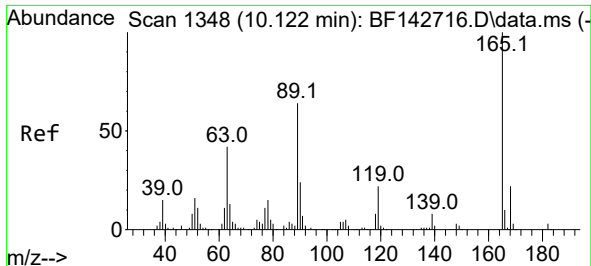
Tgt Ion:168 Resp: 689254
Ion Ratio Lower Upper
168 100
139 37.7 30.9 46.3
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 89.403 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion:139 Resp: 164739
Ion Ratio Lower Upper
139 100
109 66.8 47.5 87.5
65 91.1 69.2 109.2

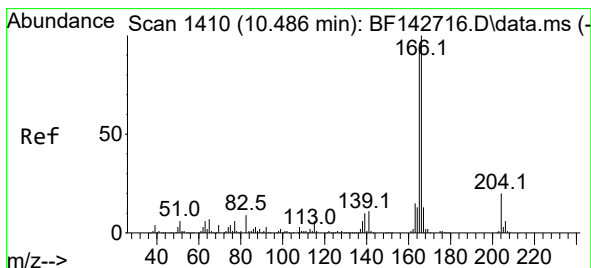
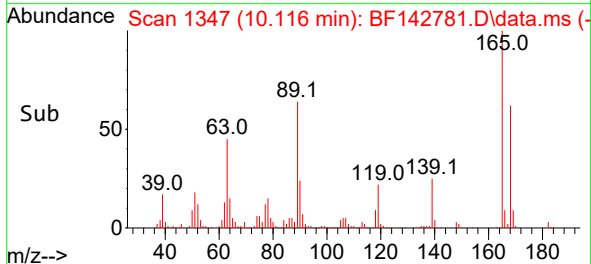
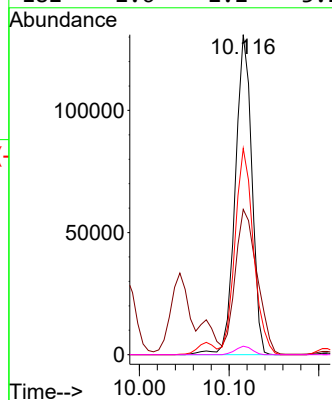
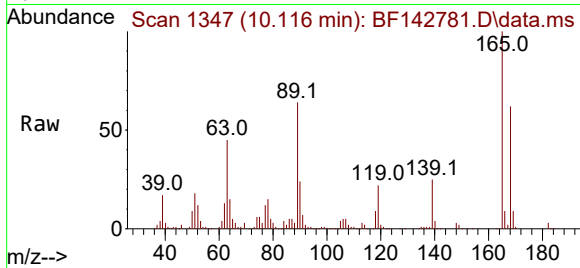




#57
2,4-Dinitrotoluene
Concen: 50.766 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

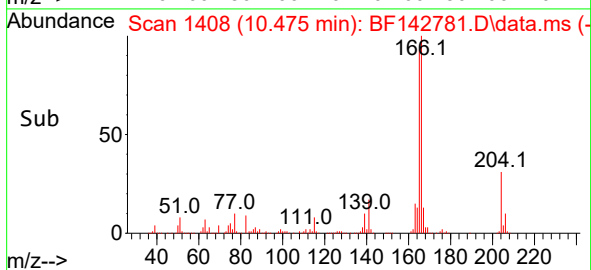
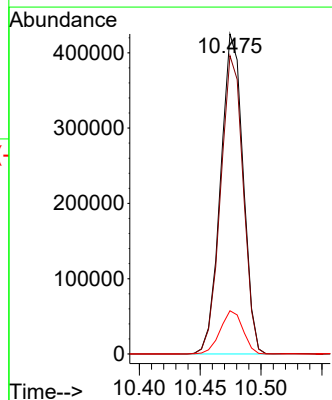
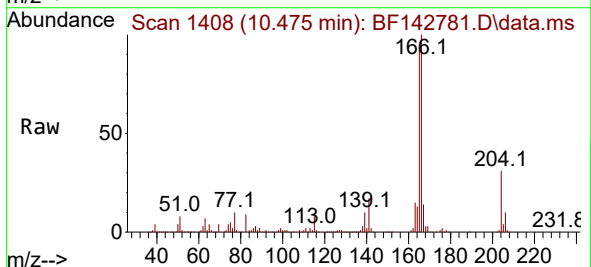
Instrument :
BNA_F
ClientSampleId :
MH-CMS

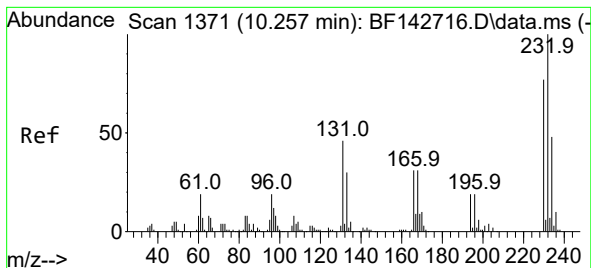
Tgt Ion:165 Resp: 168129
Ion Ratio Lower Upper
165 100
63 45.4 34.1 51.1
89 64.5 50.8 76.2
182 2.6 2.2 3.2



#58
Fluorene
Concen: 46.856 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion:166 Resp: 546902
Ion Ratio Lower Upper
166 100
165 93.2 74.9 112.3
167 13.5 10.7 16.1

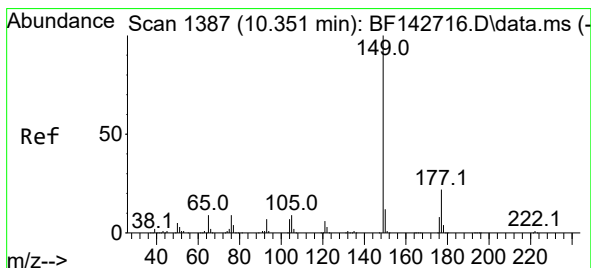
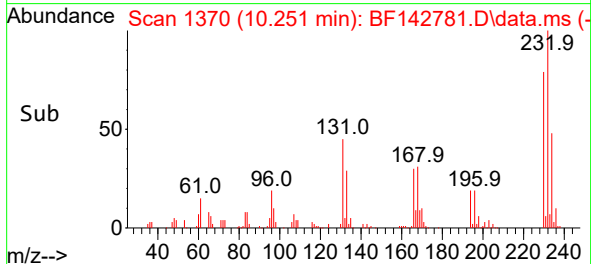
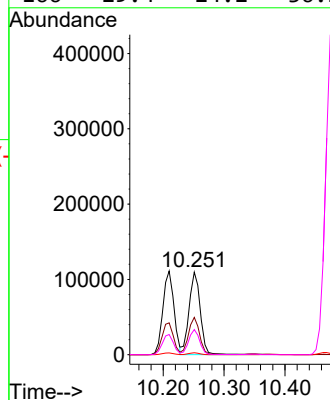
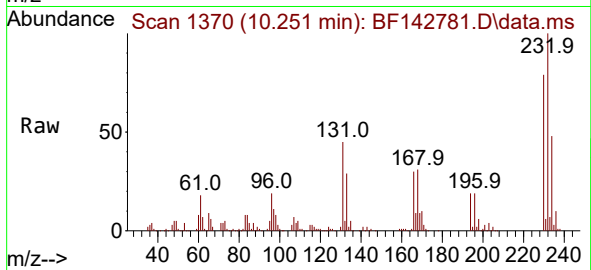




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.737 ng
RT: 10.251 min Scan# 1370
Delta R.T. -0.006 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

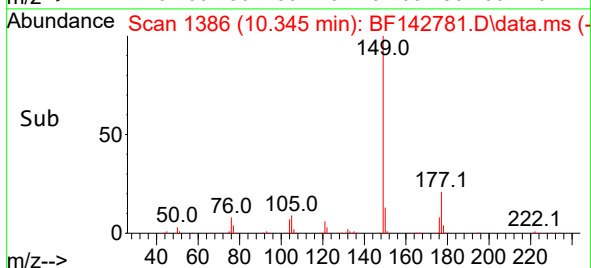
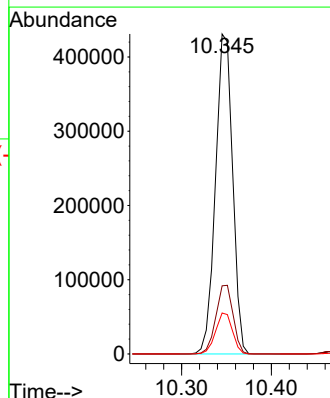
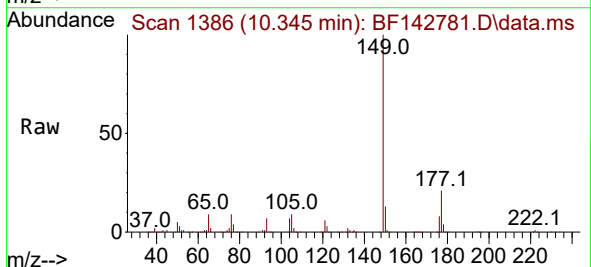
Instrument :
BNA_F
ClientSampleId :
MH-CMS

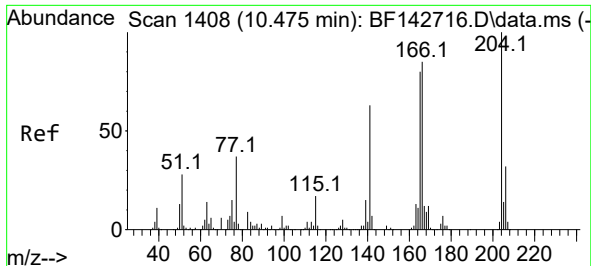
Tgt Ion:232 Resp: 141044
Ion Ratio Lower Upper
232 100
131 44.6 35.8 53.8
130 2.3 1.8 2.6
166 29.4 24.2 36.2



#60
Diethylphthalate
Concen: 49.664 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion:149 Resp: 570744
Ion Ratio Lower Upper
149 100
177 21.3 17.4 26.0
150 12.8 10.0 15.0

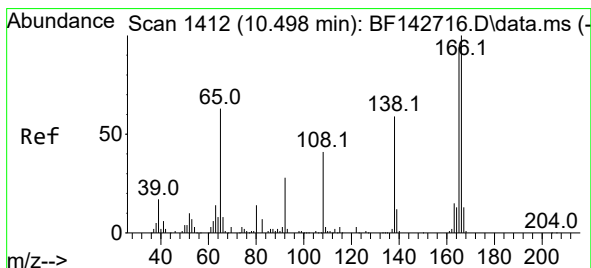
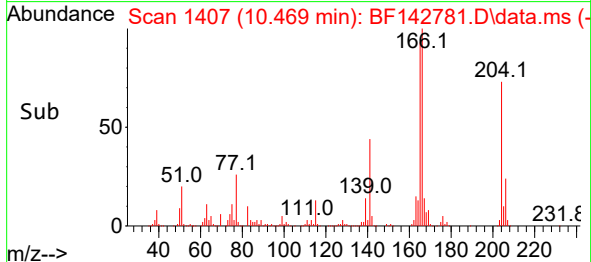
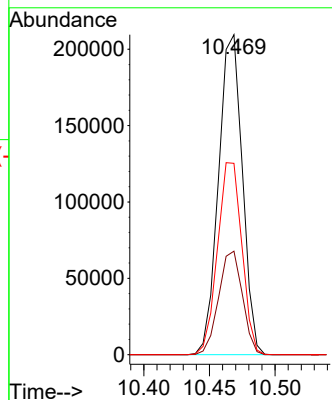
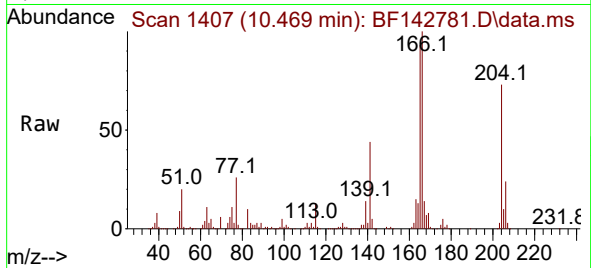




#61
4-Chlorophenyl-phenylether
Concen: 46.483 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

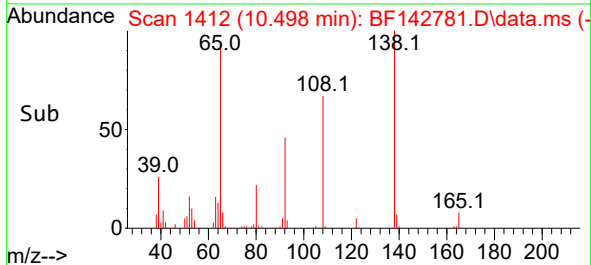
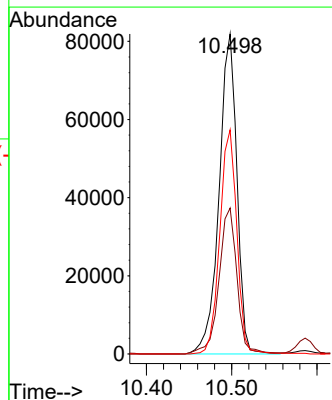
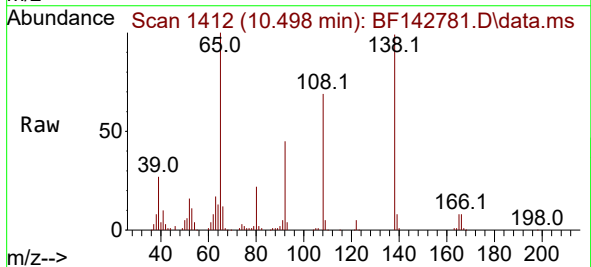
Instrument :
BNA_F
ClientSampleId :
MH-CMS

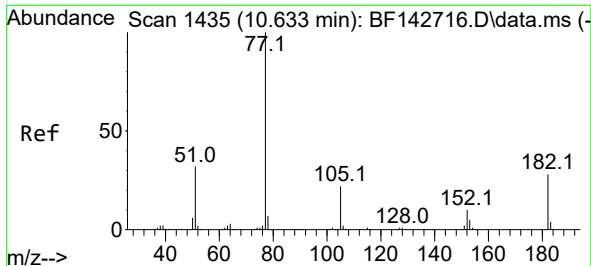
Tgt Ion:204 Resp: 264964
Ion Ratio Lower Upper
204 100
206 32.3 25.9 38.9
141 59.8 50.2 75.4



#62
4-Nitroaniline
Concen: 49.038 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion:138 Resp: 119190
Ion Ratio Lower Upper
138 100
92 45.6 27.2 67.2
108 70.1 49.9 89.9

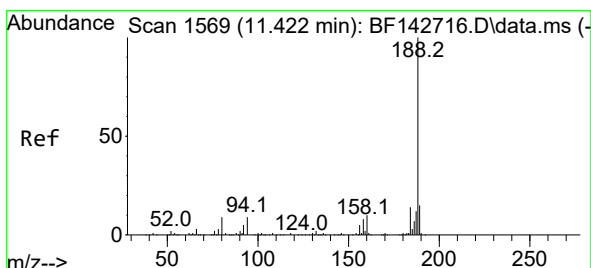
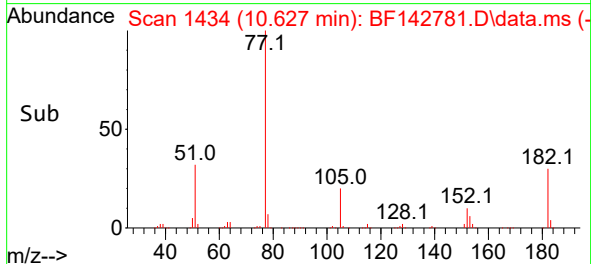
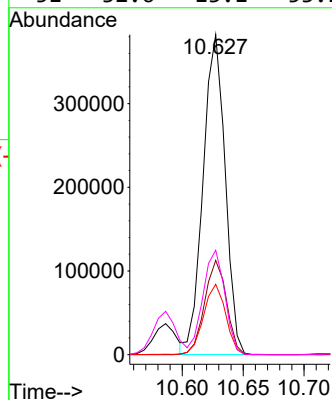
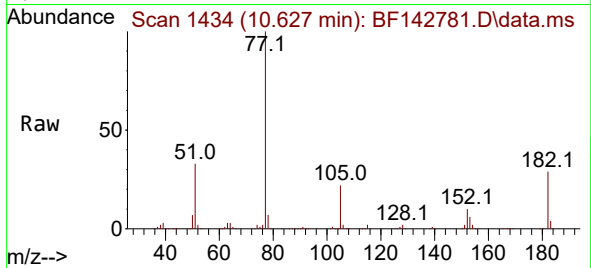




#63
Azobenzene
Concen: 47.987 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

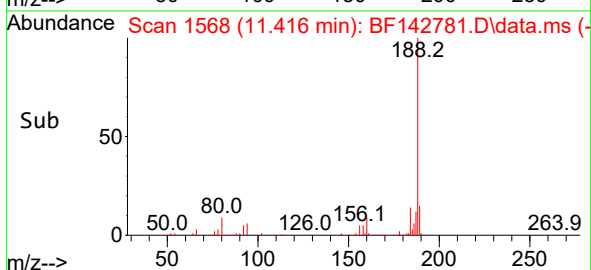
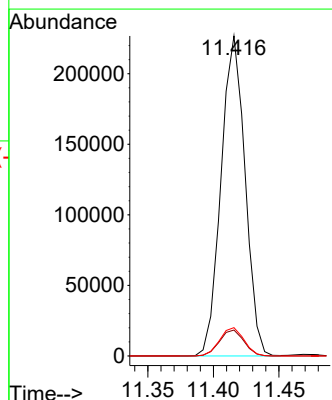
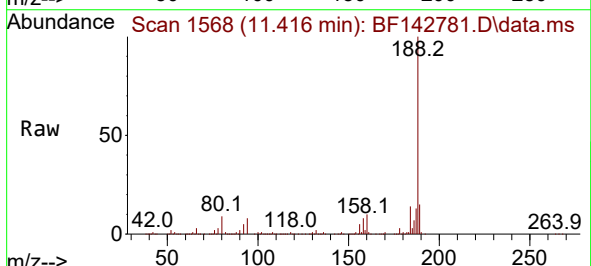
Instrument :
BNA_F
ClientSampleId :
MH-CMS

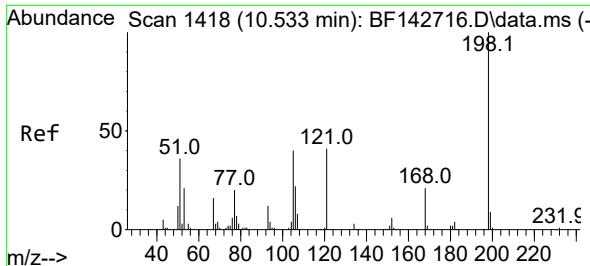
Tgt Ion: 77 Resp: 481631
Ion Ratio Lower Upper
77 100
182 29.5 7.8 47.8
105 22.0 1.9 41.9
51 32.6 13.1 53.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion:188 Resp: 288967
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.8 7.1 10.7

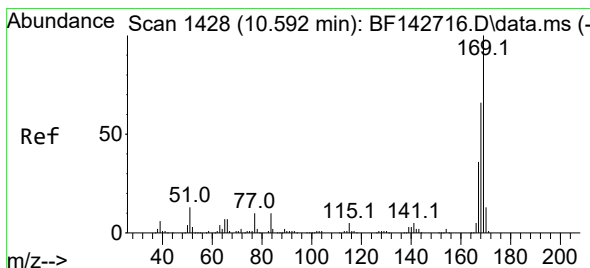
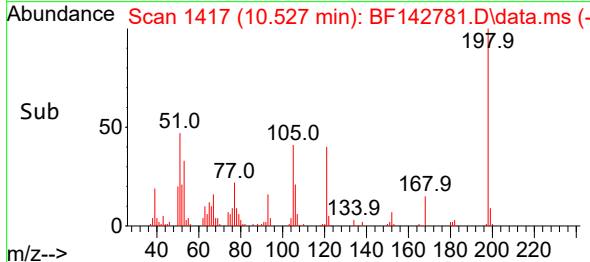
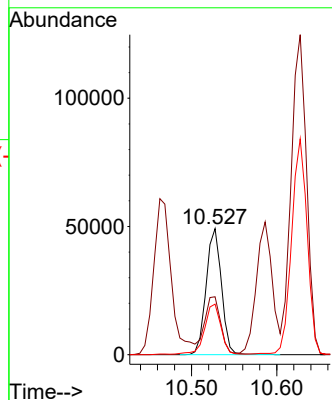
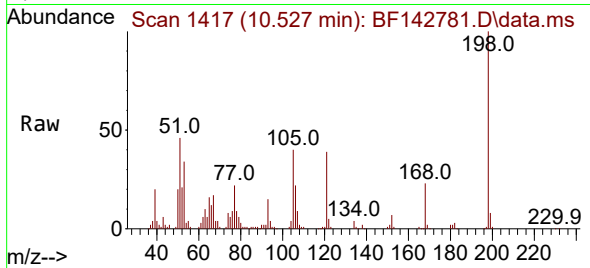




#65
4,6-Dinitro-2-methylphenol
Concen: 34.048 ng
RT: 10.527 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

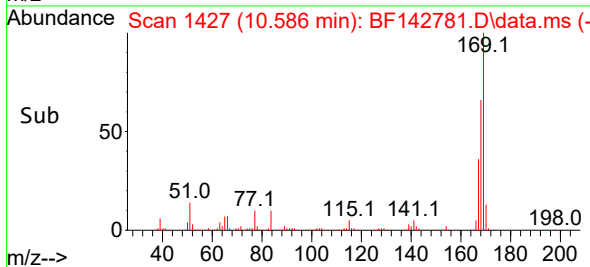
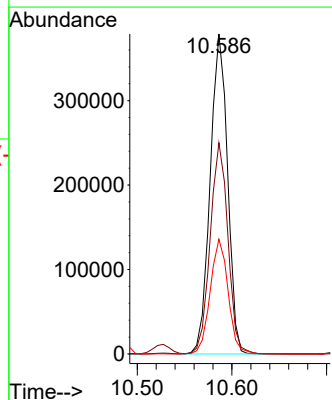
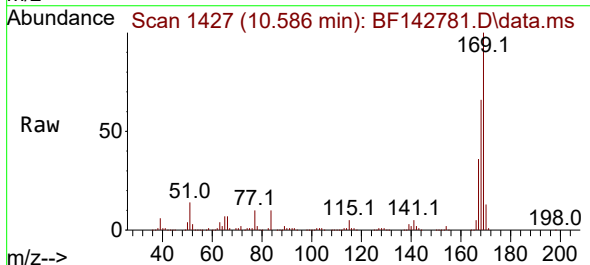
Instrument :
BNA_F
ClientSampleId :
MH-CMS

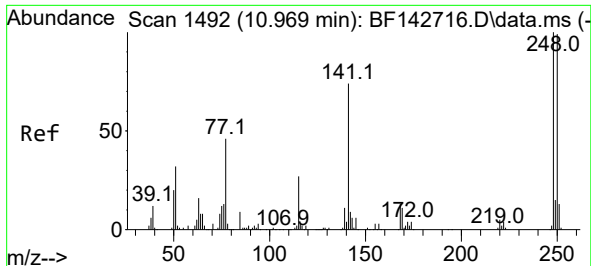
Tgt Ion:198 Resp: 61612
Ion Ratio Lower Upper
198 100
51 46.0 25.5 65.5
105 40.1 21.1 61.1



#66
n-Nitrosodiphenylamine
Concen: 48.549 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion:169 Resp: 482227
Ion Ratio Lower Upper
169 100
168 66.0 53.0 79.4
167 35.8 28.7 43.1

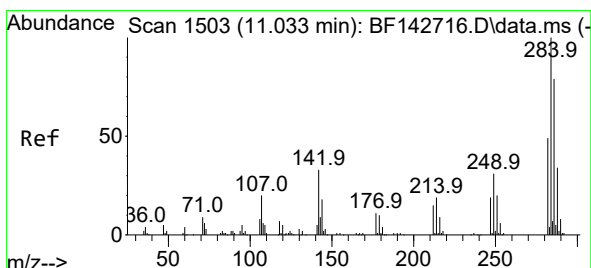
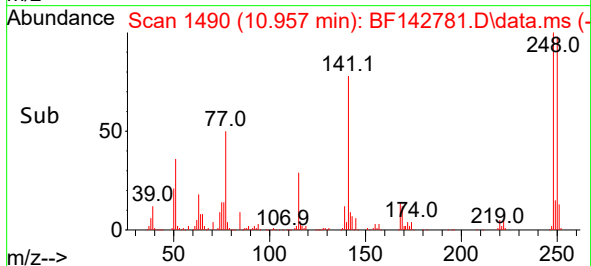
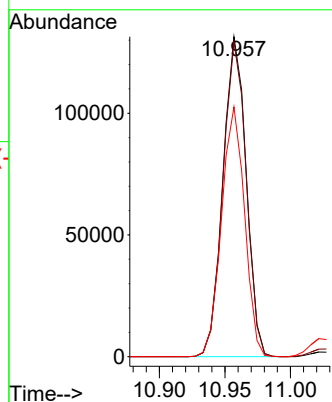
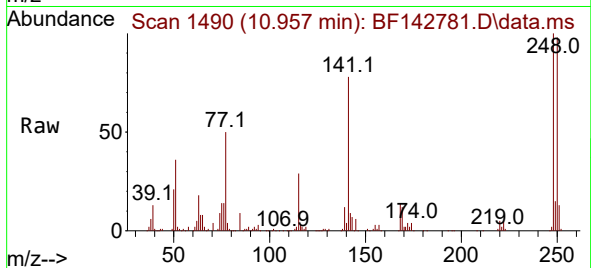




#67
4-Bromophenyl-phenylether
Concen: 47.626 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

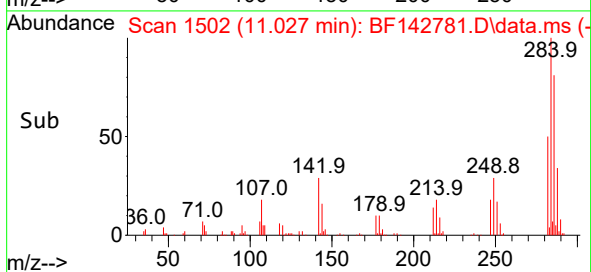
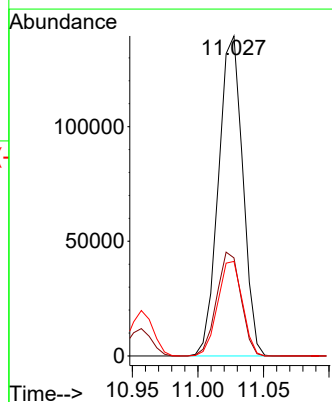
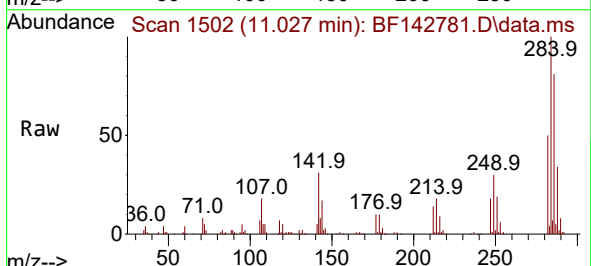
Instrument :
BNA_F
ClientSampleId :
MH-CMS

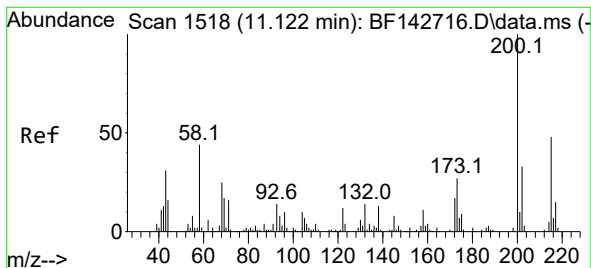
Tgt Ion:248 Resp: 162450
Ion Ratio Lower Upper
248 100
250 98.4 79.2 118.8
141 78.1 59.3 88.9



#68
Hexachlorobenzene
Concen: 47.467 ng
RT: 11.027 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion:284 Resp: 179720
Ion Ratio Lower Upper
284 100
142 30.6 26.0 39.0
249 29.5 24.6 37.0





#69

Atrazine

Concen: 55.856 ng

RT: 11.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142781.D

Acq: 18 Jun 2025 17:03

Instrument :

BNA_F

ClientSampleId :

MH-CMS

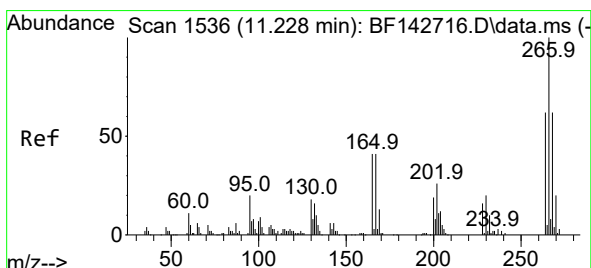
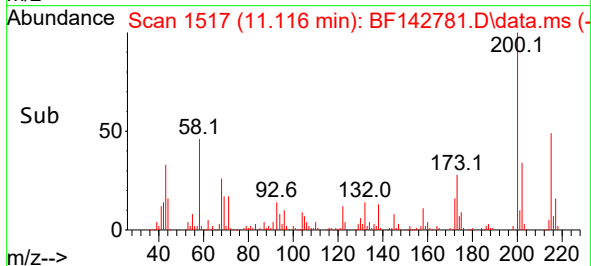
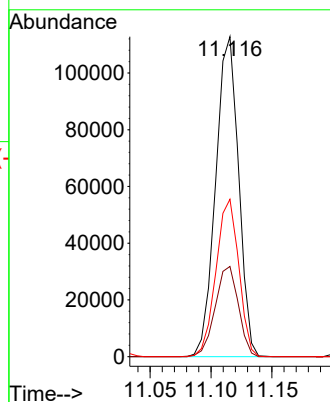
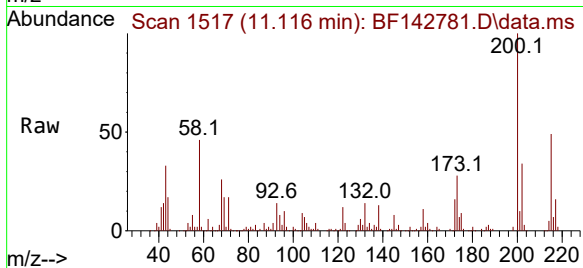
Tgt Ion:200 Resp: 147918

Ion Ratio Lower Upper

200 100

173 28.2 7.4 47.4

215 49.2 28.2 68.2



#70

Pentachlorophenol

Concen: 90.346 ng

RT: 11.222 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF142781.D

Acq: 18 Jun 2025 17:03

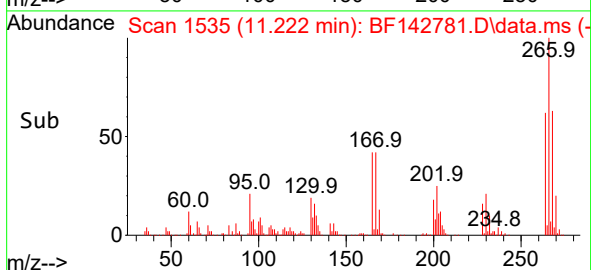
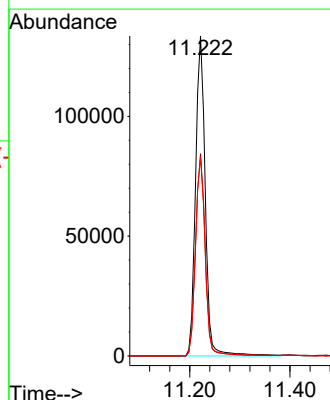
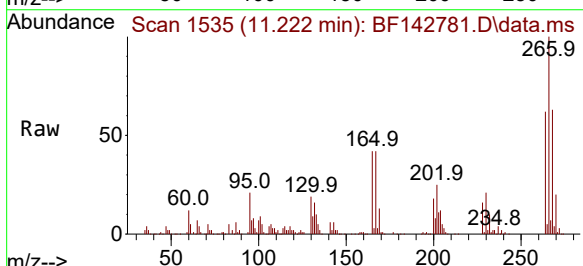
Tgt Ion:266 Resp: 179311

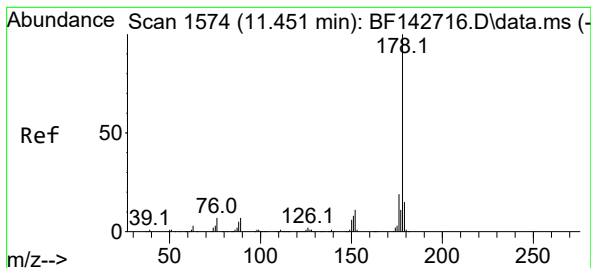
Ion Ratio Lower Upper

266 100

268 63.2 49.6 74.4

264 62.3 49.5 74.3





#71

Phenanthrene

Concen: 48.208 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF142781.D

Acq: 18 Jun 2025 17:03

Instrument :

BNA_F

ClientSampleId :

MH-CMS

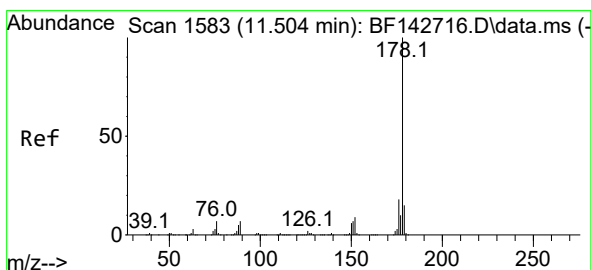
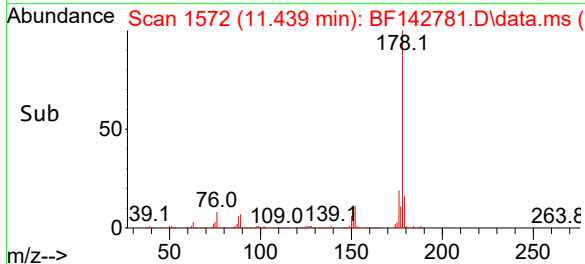
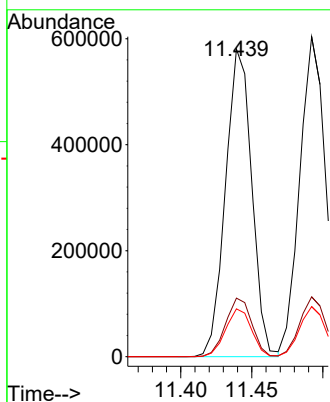
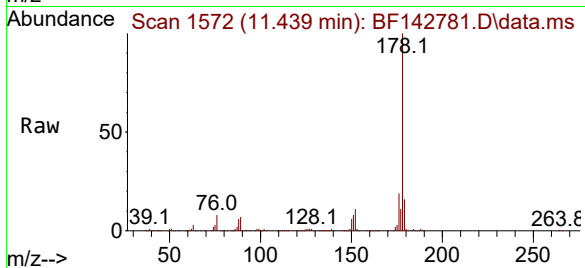
Tgt Ion:178 Resp: 746315

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.5 12.2 18.4



#72

Anthracene

Concen: 47.254 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF142781.D

Acq: 18 Jun 2025 17:03

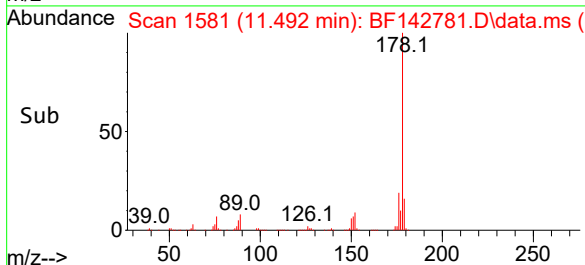
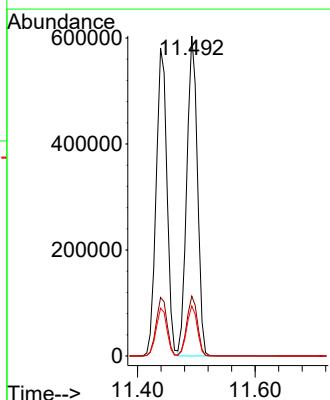
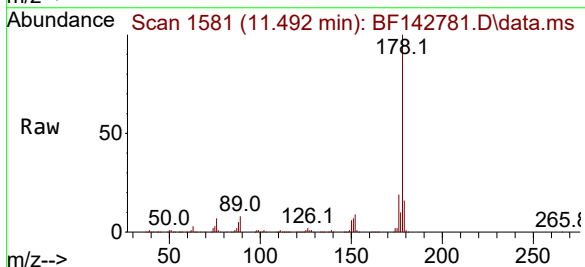
Tgt Ion:178 Resp: 756768

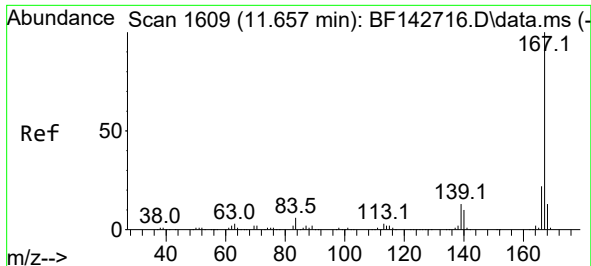
Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

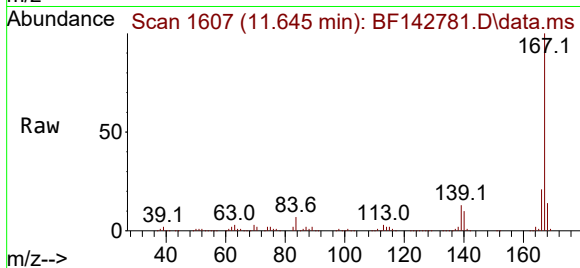
179 15.7 12.2 18.2



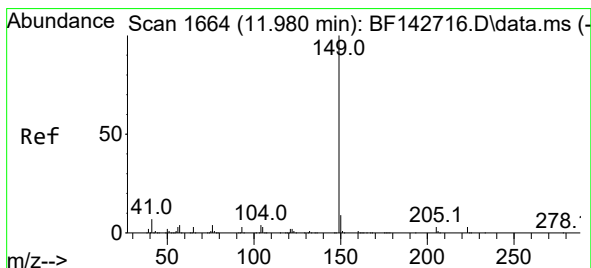
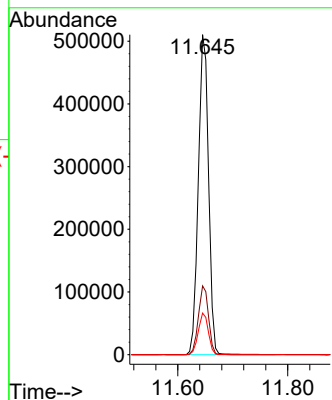
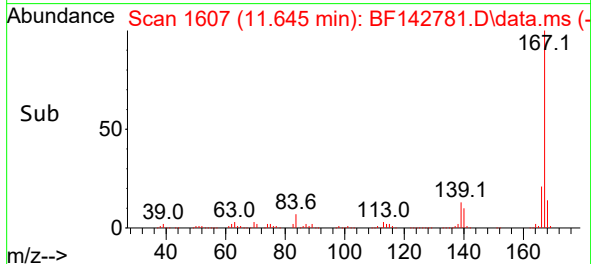


#73
 Carbazole
 Concen: 49.200 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.012 min
 Lab File: BF142781.D
 Acq: 18 Jun 2025 17:03

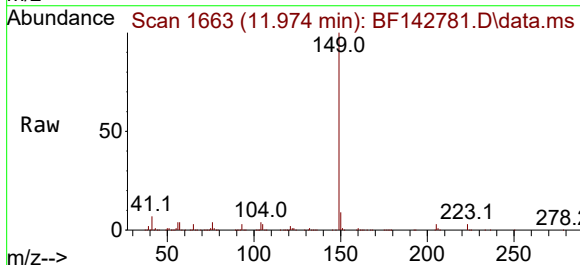
Instrument :
 BNA_F
 ClientSampleId :
 MH-CMS



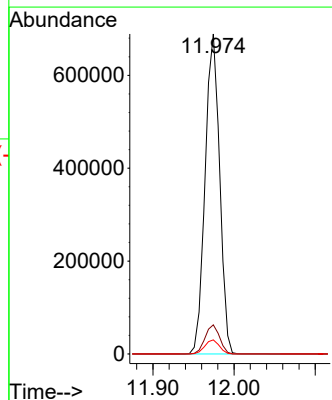
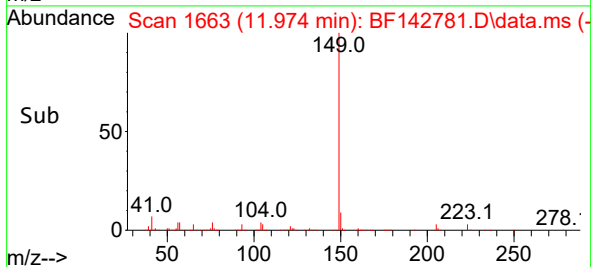
Tgt Ion:167 Resp: 659623
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 13.0 10.2 15.4

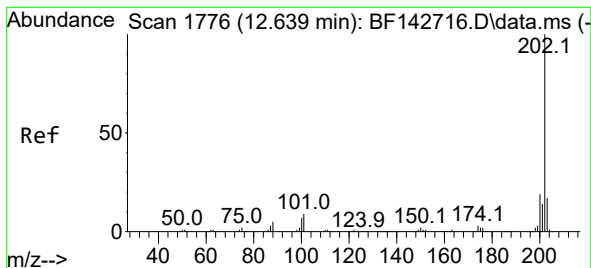


#74
 Di-n-butylphthalate
 Concen: 56.984 ng
 RT: 11.974 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF142781.D
 Acq: 18 Jun 2025 17:03



Tgt Ion:149 Resp: 853087
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 4.4 3.4 5.2





#75

Fluoranthene

Concen: 48.565 ng

RT: 12.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142781.D

Acq: 18 Jun 2025 17:03

Instrument :

BNA_F

ClientSampleId :

MH-CMS

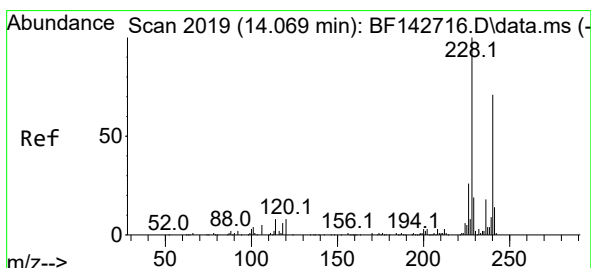
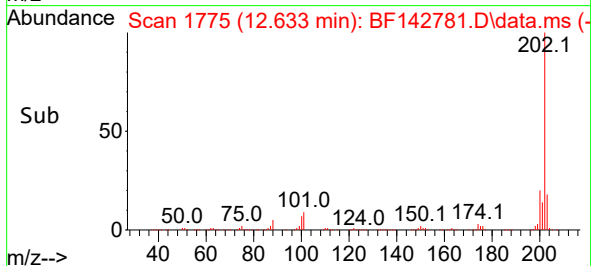
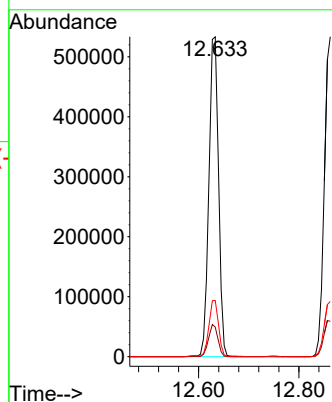
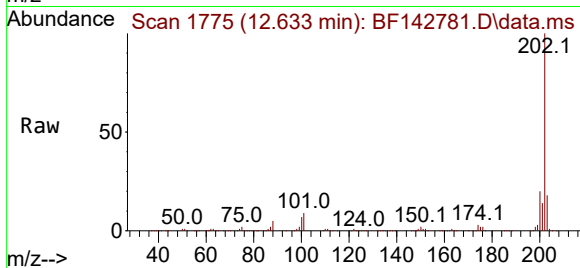
Tgt Ion:202 Resp: 714910

Ion Ratio Lower Upper

202 100

101 9.3 0.0 29.5

203 17.6 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: BF142781.D

Acq: 18 Jun 2025 17:03

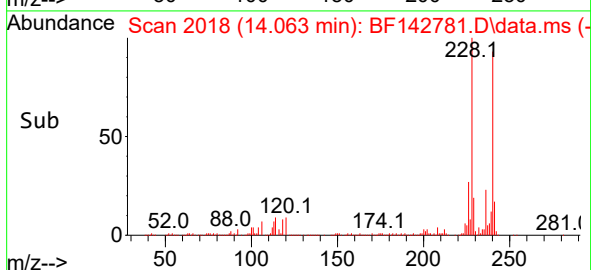
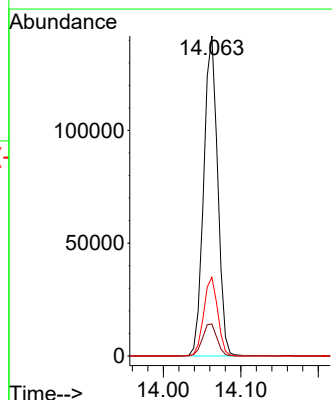
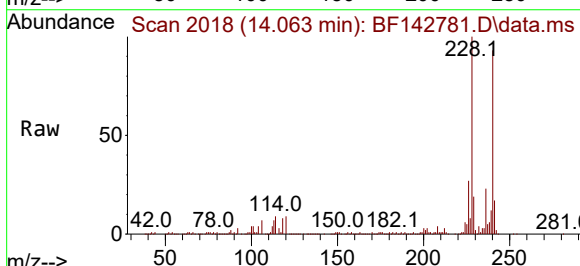
Tgt Ion:240 Resp: 177382

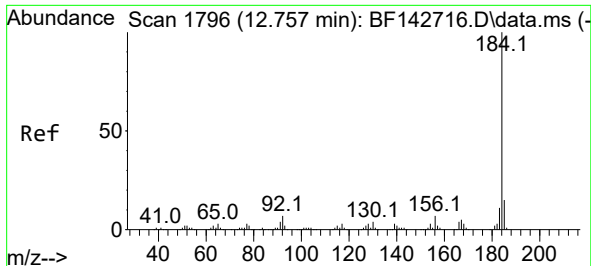
Ion Ratio Lower Upper

240 100

120 10.0 8.5 12.7

236 24.6 20.1 30.1

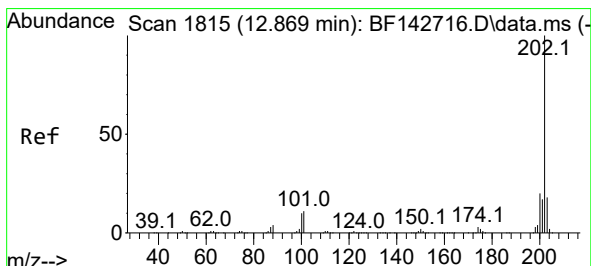
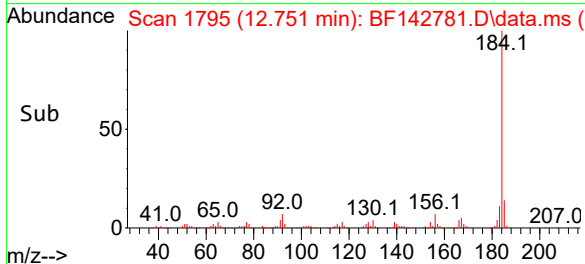
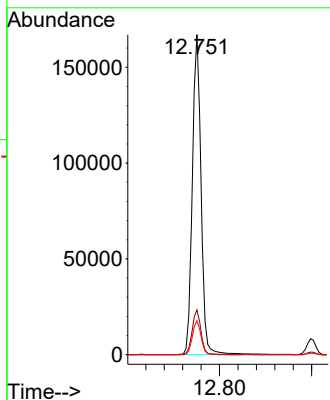
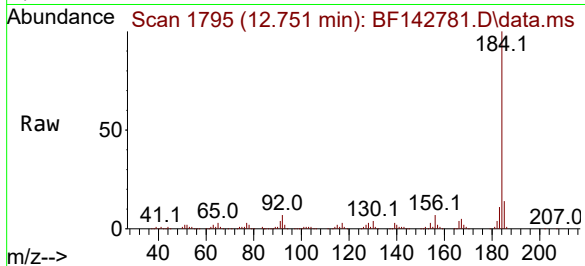




#77
Benzidine
Concen: 34.669 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

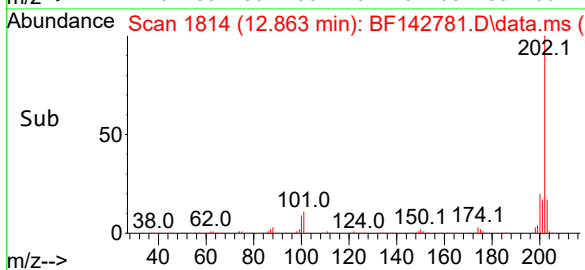
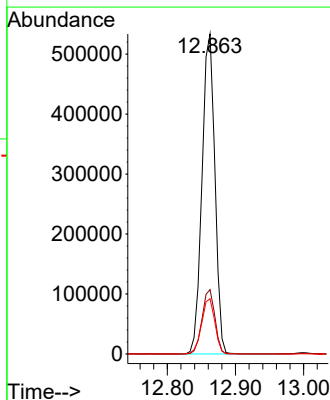
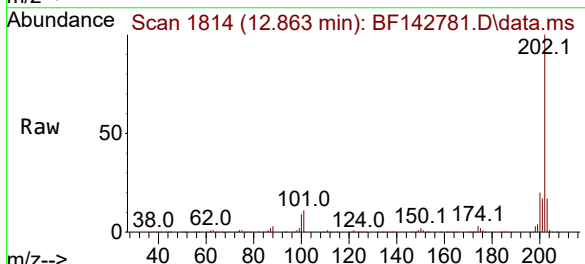
Instrument :
BNA_F
ClientSampleId :
MH-CMS

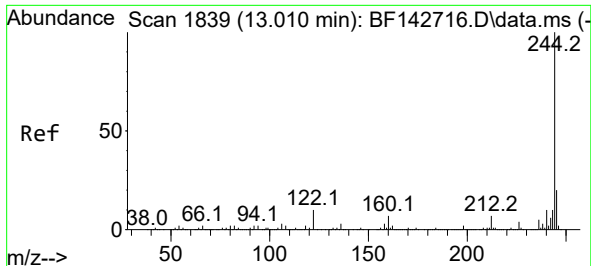
Tgt Ion:184 Resp: 219014
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 10.6 8.6 12.8



#78
Pyrene
Concen: 42.642 ng
RT: 12.863 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion:202 Resp: 702922
Ion Ratio Lower Upper
202 100
200 20.1 15.8 23.8
203 17.3 14.1 21.1

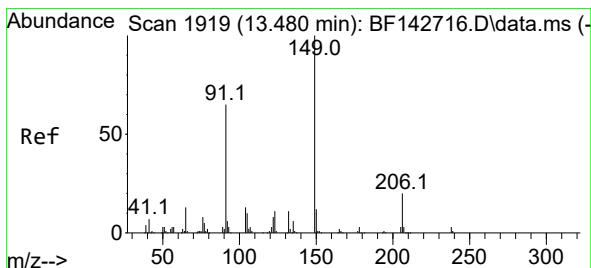
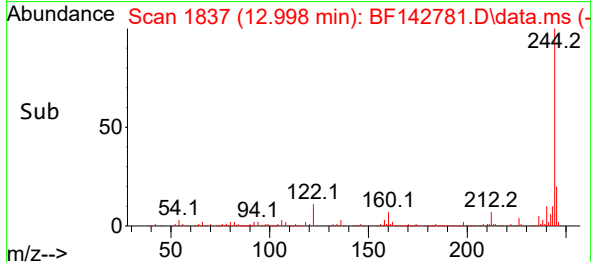
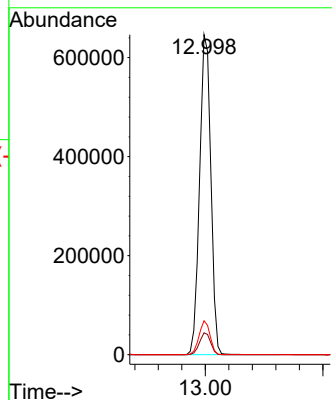
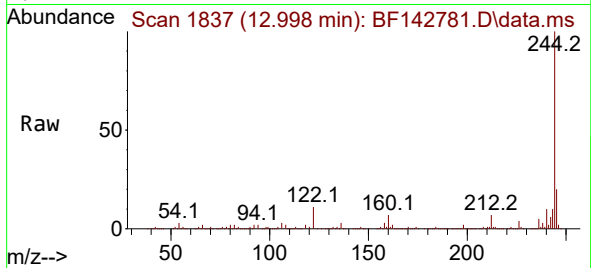




#79
 Terphenyl-d14
 Concen: 66.311 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.012 min
 Lab File: BF142781.D
 Acq: 18 Jun 2025 17:03

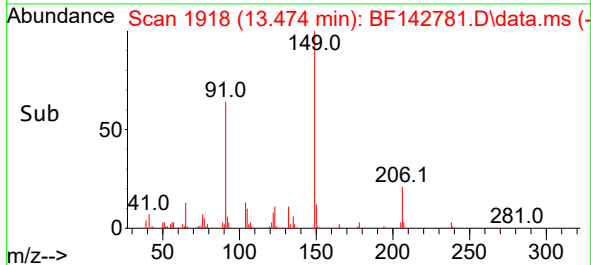
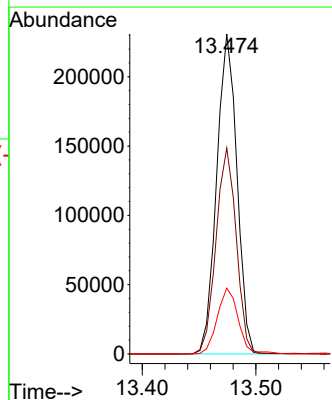
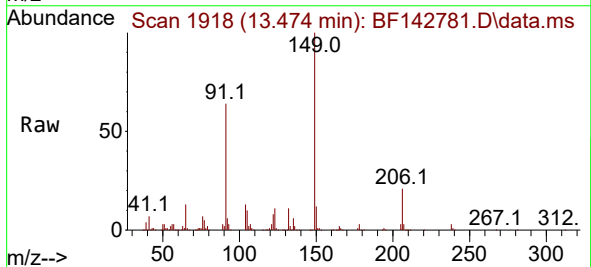
Instrument :
 BNA_F
 ClientSampleId :
 MH-CMS

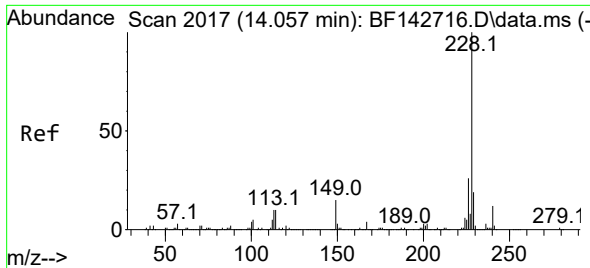
Tgt Ion:244 Resp: 856415
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.6 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 58.806 ng
 RT: 13.474 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BF142781.D
 Acq: 18 Jun 2025 17:03

Tgt Ion:149 Resp: 286656
 Ion Ratio Lower Upper
 149 100
 91 64.3 52.3 78.5
 206 20.6 16.0 24.0

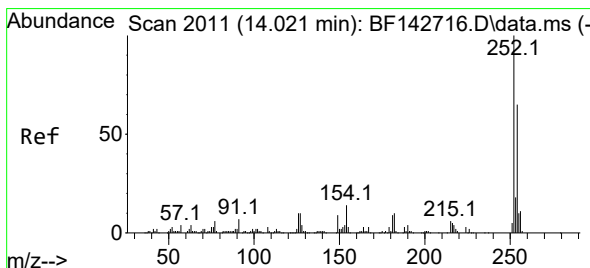
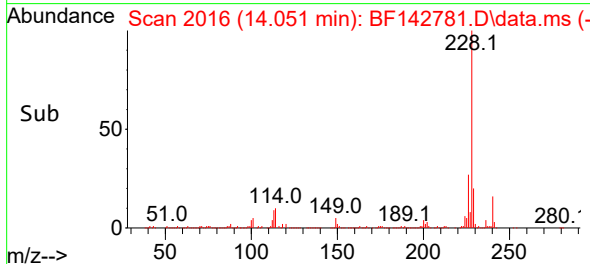
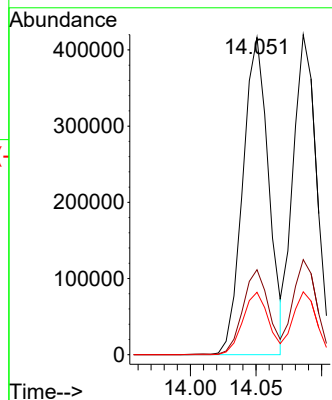
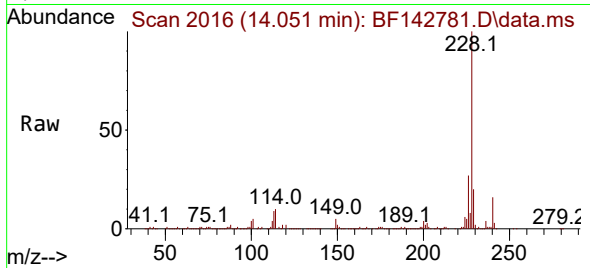




#81
Benzo(a)anthracene
Concen: 48.678 ng
RT: 14.051 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

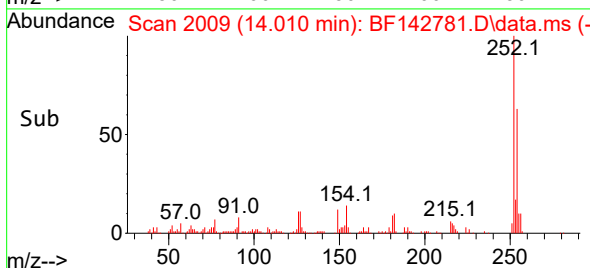
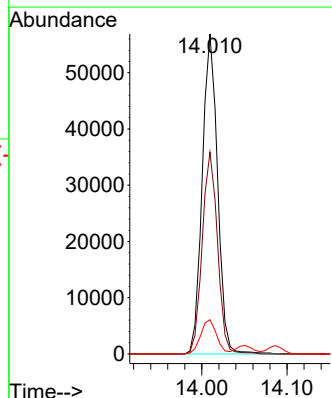
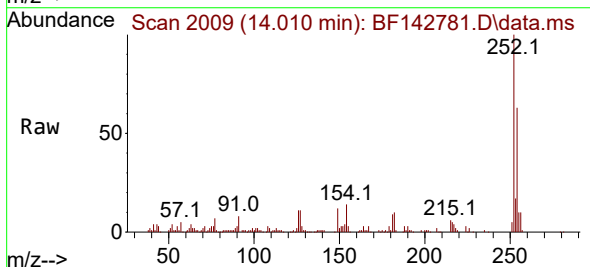
Instrument :
BNA_F
ClientSampleId :
MH-CMS

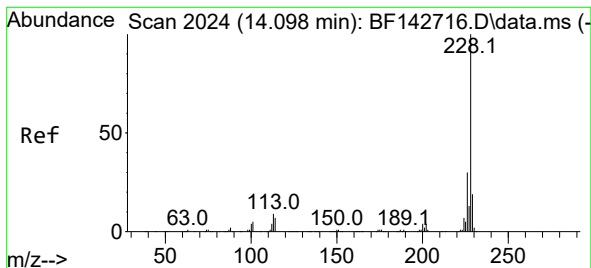
Tgt Ion:228 Resp: 572189
Ion Ratio Lower Upper
228 100
226 26.8 21.0 31.4
229 19.7 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 18.741 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion:252 Resp: 71038
Ion Ratio Lower Upper
252 100
254 63.1 51.8 77.6
126 10.7 8.1 12.1





#83

Chrysene

Concen: 47.867 ng

RT: 14.086 min Scan# 2013

Delta R.T. -0.012 min

Lab File: BF142781.D

Acq: 18 Jun 2025 17:03

Instrument :

BNA_F

ClientSampleId :

MH-CMS

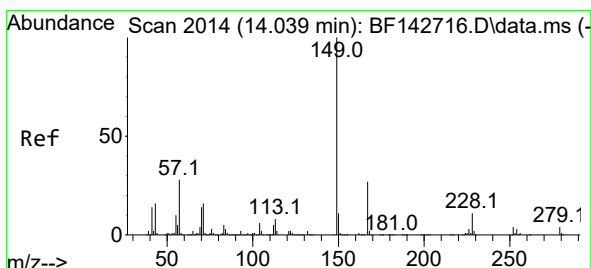
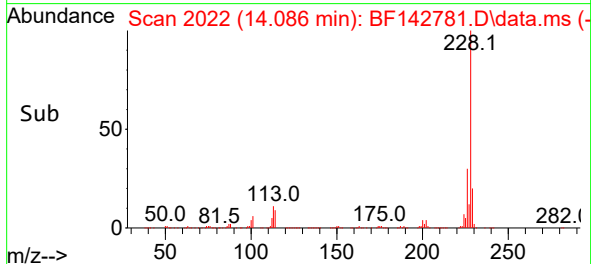
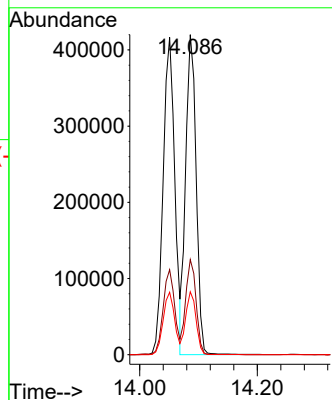
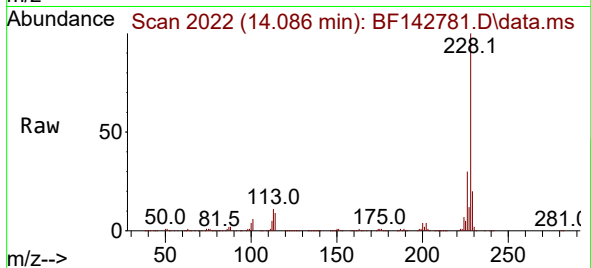
Tgt Ion:228 Resp: 519476

Ion Ratio Lower Upper

228 100

226 29.7 23.6 35.4

229 19.7 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.710 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF142781.D

Acq: 18 Jun 2025 17:03

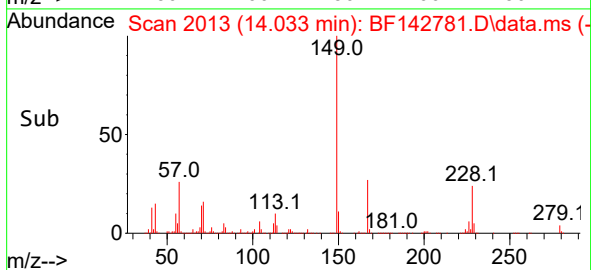
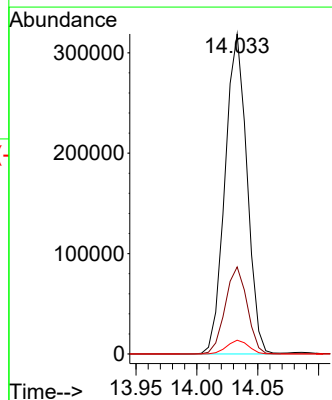
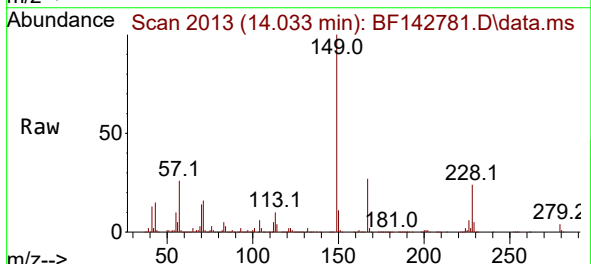
Tgt Ion:149 Resp: 400227

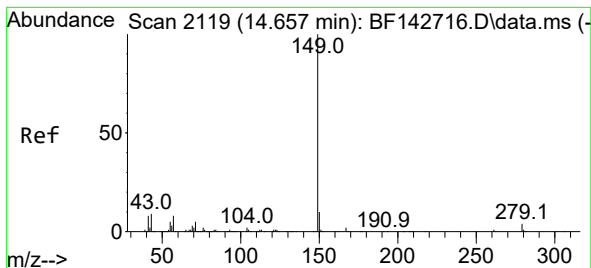
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.2

279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 47.197 ng

RT: 14.645 min Scan# 2117

Delta R.T. -0.012 min

Lab File: BF142781.D

Acq: 18 Jun 2025 17:03

Instrument :

BNA_F

ClientSampleId :

MH-CMS

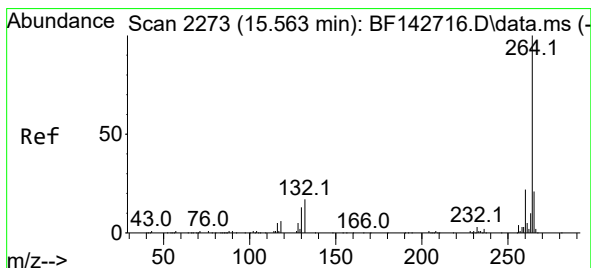
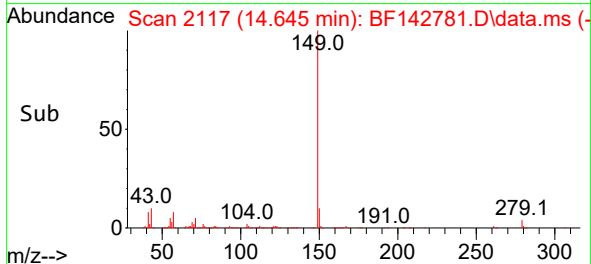
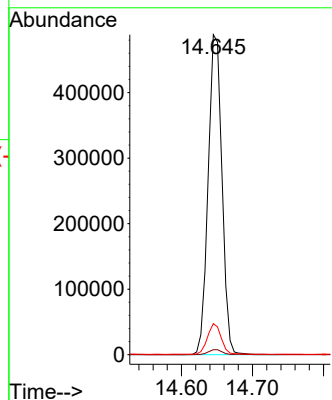
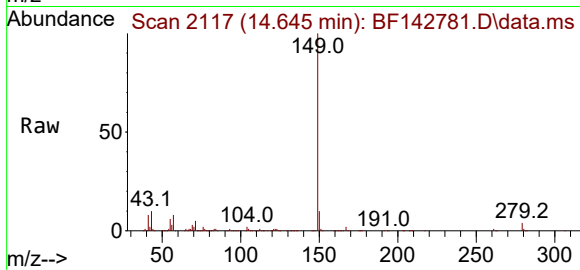
Tgt Ion:149 Resp: 662418

Ion Ratio Lower Upper

149 100

167 1.6 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: BF142781.D

Acq: 18 Jun 2025 17:03

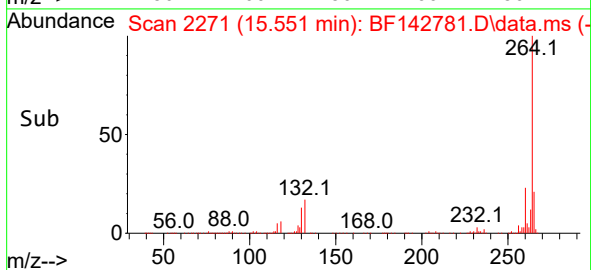
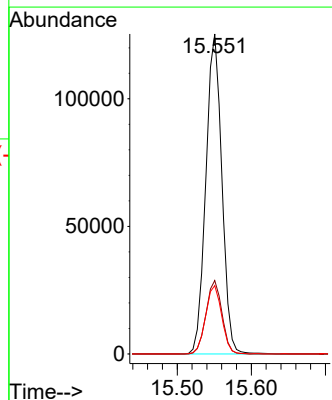
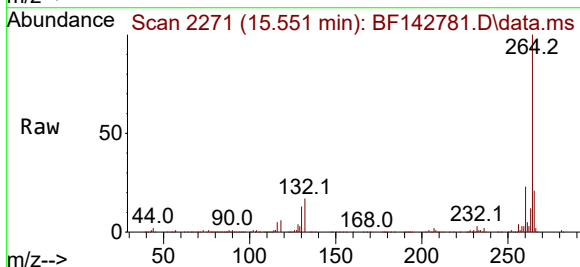
Tgt Ion:264 Resp: 188176

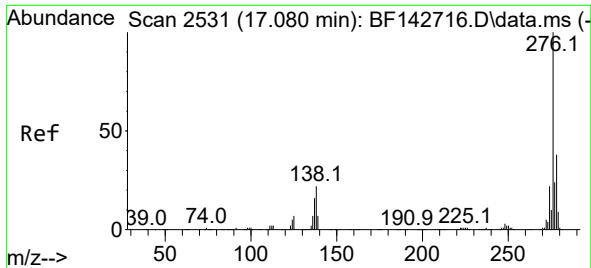
Ion Ratio Lower Upper

264 100

260 23.0 17.8 26.6

265 21.4 16.6 25.0

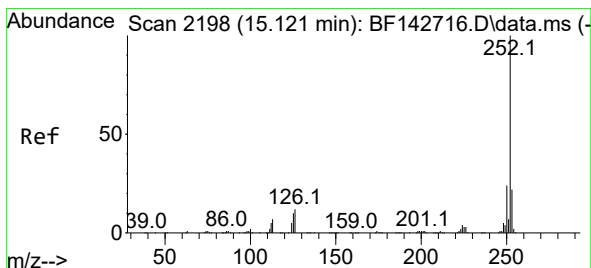
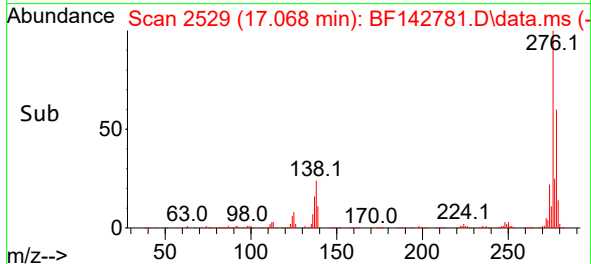
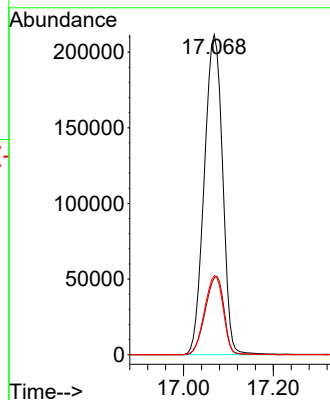
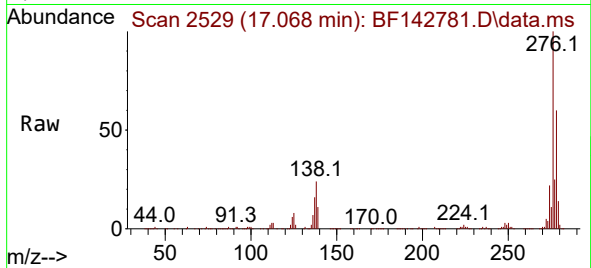




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.033 ng
 RT: 17.068 min Scan# 2197
 Delta R.T. -0.012 min
 Lab File: BF142781.D
 Acq: 18 Jun 2025 17:03

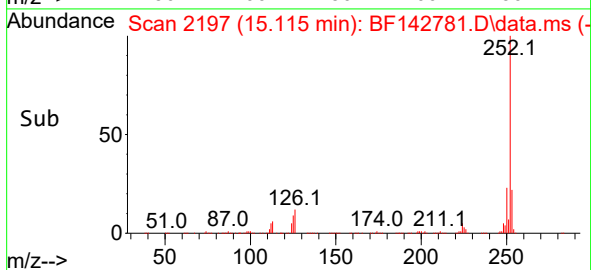
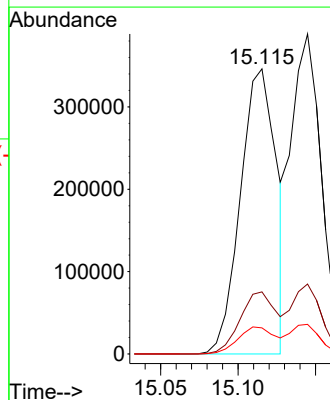
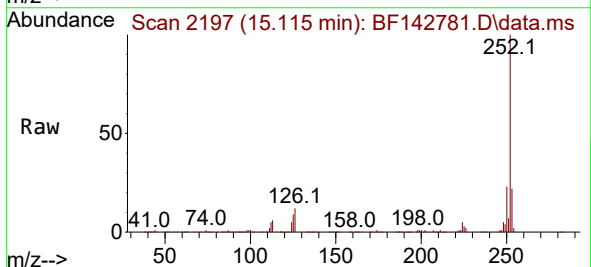
Instrument :
 BNA_F
 ClientSampleId :
 MH-CMS

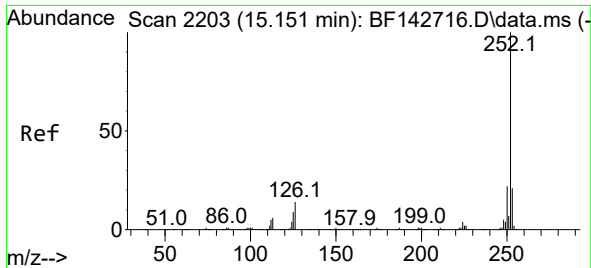
Tgt Ion:276 Resp: 600083
 Ion Ratio Lower Upper
 276 100
 138 25.1 19.3 28.9
 277 25.1 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 50.422 ng
 RT: 15.115 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF142781.D
 Acq: 18 Jun 2025 17:03

Tgt Ion:252 Resp: 558681
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.7 26.5
 125 9.2 7.8 11.6

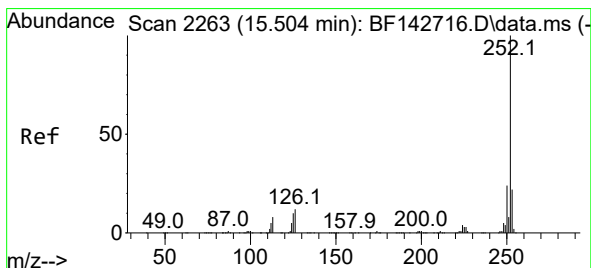
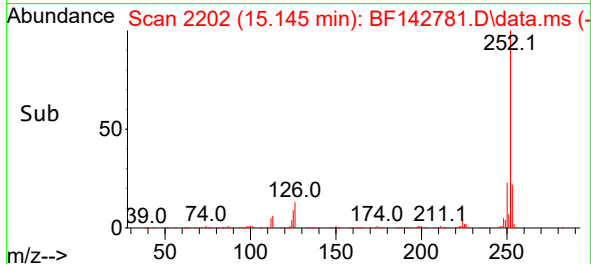
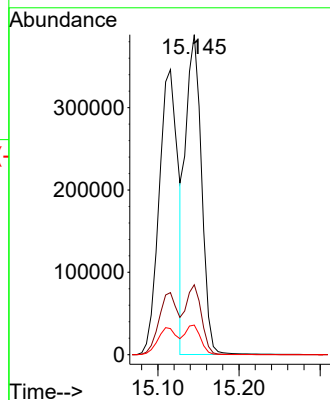
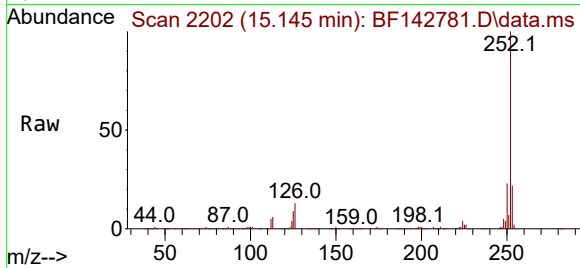




#89
Benzo(k)fluoranthene
Concen: 48.995 ng
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

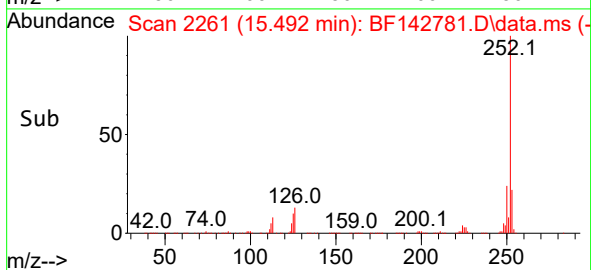
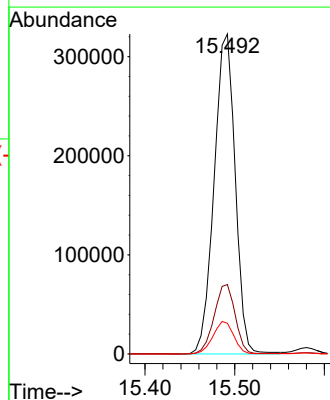
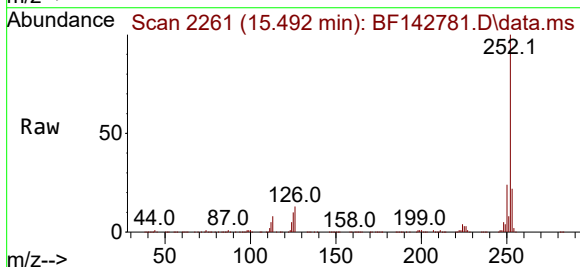
Instrument :
BNA_F
ClientSampleId :
MH-CMS

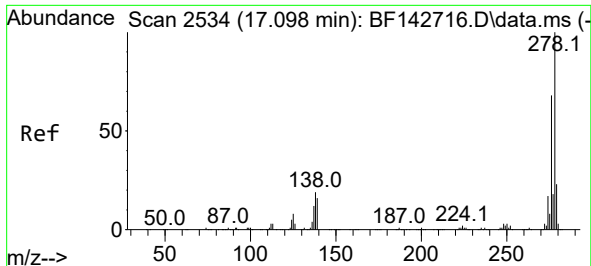
Tgt Ion:252 Resp: 526725
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.3 7.5 11.3



#90
Benzo(a)pyrene
Concen: 49.974 ng
RT: 15.492 min Scan# 2261
Delta R.T. -0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion:252 Resp: 526466
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 9.6 8.0 12.0

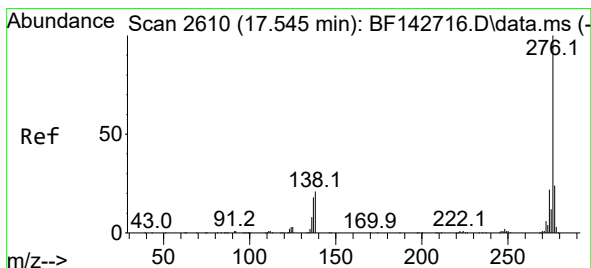
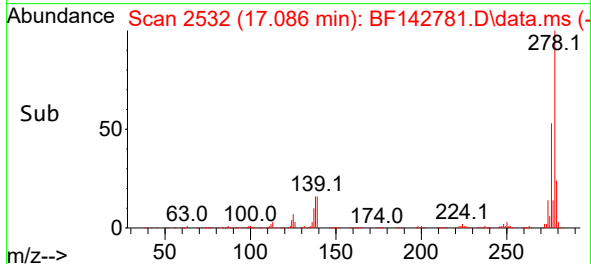
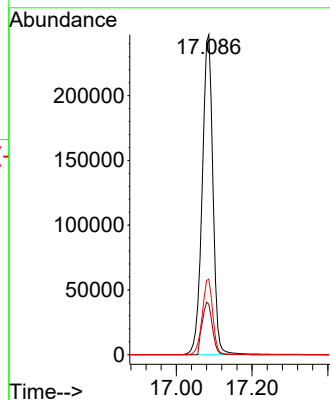
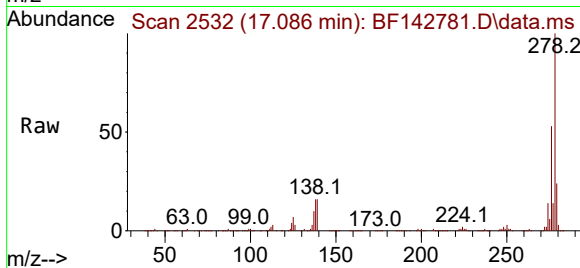




#91
Dibenzo(a,h)anthracene
Concen: 42.765 ng
RT: 17.086 min Scan# 210
Delta R.T. -0.012 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Instrument :
BNA_F
ClientSampleId :
MH-CMS

Tgt Ion:278 Resp: 486932
Ion Ratio Lower Upper
278 100
139 15.7 12.8 19.2
279 23.6 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 41.239 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.018 min
Lab File: BF142781.D
Acq: 18 Jun 2025 17:03

Tgt Ion:276 Resp: 466934
Ion Ratio Lower Upper
276 100
277 23.3 18.8 28.2
138 20.8 16.4 24.6

