

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
 Data File : BF142913.D
 Acq On : 30 Jun 2025 12:47
 Operator : RC/JU
 Sample : Q2430-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-E/FMS

Quant Time: Jun 30 13:17:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	102164	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	396361	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	224033	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	406521	20.000	ng	0.00
76) Chrysene-d12	14.063	240	254962	20.000	ng	0.00
86) Perylene-d12	15.551	264	269034	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	544275	88.698	ng	0.03
7) Phenol-d6	6.516	99	667050	92.139	ng	0.00
23) Nitrobenzene-d5	7.445	82	414683	57.386	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	232524	100.858	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	901282	52.849	ng	0.00
79) Terphenyl-d14	12.998	244	1005076	54.468	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	92264	37.592	ng	99
3) Pyridine	3.563	79	249078	40.481	ng	98
4) n-Nitrosodimethylamine	3.534	42	134543	42.285	ng	98
6) Aniline	6.546	93	227877	23.656	ng	# 75
8) 2-Chlorophenol	6.669	128	296214	44.750	ng	98
9) Benzaldehyde	6.434	77	125379	29.191	ng	99
10) Phenol	6.534	94	335647	41.709	ng	87
11) bis(2-Chloroethyl)ether	6.616	93	250676	43.584	ng	97
12) 1,3-Dichlorobenzene	6.822	146	318500	43.024	ng	99
13) 1,4-Dichlorobenzene	6.898	146	316500	42.376	ng	99
14) 1,2-Dichlorobenzene	7.051	146	302388	42.685	ng	99
15) Benzyl Alcohol	7.028	79	242006	46.240	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	368443	39.872	ng	74
17) 2-Methylphenol	7.140	107	226948	45.243	ng	95
18) Hexachloroethane	7.387	117	113729	43.534	ng	100
19) n-Nitroso-di-n-propyla...	7.298	70	192913	45.816	ng	96
20) 3+4-Methylphenols	7.293	107	280186	44.799	ng	98
22) Acetophenone	7.293	105	384037	43.938	ng	99
24) Nitrobenzene	7.463	77	282752	43.232	ng	99
25) Isophorone	7.704	82	519185	44.789	ng	100
26) 2-Nitrophenol	7.781	139	166055	46.608	ng	99
27) 2,4-Dimethylphenol	7.822	122	271853	44.051	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	326480	44.301	ng	99
29) 2,4-Dichlorophenol	8.022	162	251001	44.856	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	264414	42.972	ng	99
31) Naphthalene	8.187	128	840542	43.324	ng	100
32) Benzoic acid	7.945	122	100803	32.047	ng	95
33) 4-Chloroaniline	8.234	127	73161	9.274	ng	99
34) Hexachlorobutadiene	8.298	225	164970	43.831	ng	98
35) Caprolactam	8.622	113	43960	29.771	ng	96
36) 4-Chloro-3-methylphenol	8.728	107	264272	47.520	ng	99
37) 2-Methylnaphthalene	8.875	142	535113	44.489	ng	98
38) 1-Methylnaphthalene	8.975	142	555672	44.628	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	271505	41.072	ng	99
41) Hexachlorocyclopentadiene	9.028	237	284949	75.960	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	185383	43.037	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
 Data File : BF142913.D
 Acq On : 30 Jun 2025 12:47
 Operator : RC/JU
 Sample : Q2430-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

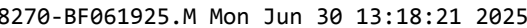
Instrument :
 BNA_F
 ClientSampleId :
 MH-E/FMS

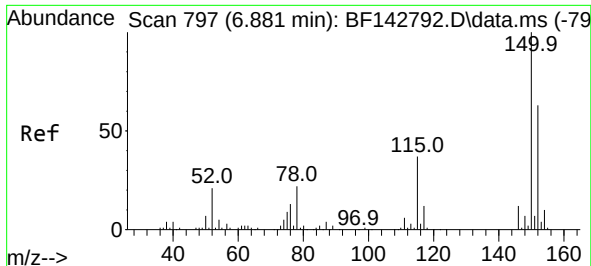
Quant Time: Jun 30 13:17:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	195355	43.082	ng	99
46) 1,1'-Biphenyl	9.345	154	739684	41.796	ng	100
47) 2-Chloronaphthalene	9.369	162	547697	41.240	ng	99
48) 2-Nitroaniline	9.469	65	165967	44.575	ng	94
49) Acenaphthylene	9.787	152	924571	42.290	ng	99
50) Dimethylphthalate	9.645	163	673489	46.442	ng	99
51) 2,6-Dinitrotoluene	9.710	165	149679	46.999	ng	99
52) Acenaphthene	9.957	154	582777	43.690	ng	99
53) 3-Nitroaniline	9.881	138	84265	24.032	ng	97
54) 2,4-Dinitrophenol	9.992	184	89672	56.233	ng	96
55) Dibenzofuran	10.128	168	813055	42.507	ng	99
56) 4-Nitrophenol	10.051	139	239944	99.956	ng	94
57) 2,4-Dinitrotoluene	10.116	165	206156	48.734	ng	92
58) Fluorene	10.475	166	650722	43.560	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	166857	45.651	ng	97
60) Diethylphthalate	10.345	149	683724	48.086	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	308990	43.346	ng	99
62) 4-Nitroaniline	10.504	138	165408	51.580	ng	98
63) Azobenzene	10.622	77	609078	47.928	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	88058	35.812	ng	96
66) n-Nitrosodiphenylamine	10.586	169	579873	41.158	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	195701	42.299	ng	94
68) Hexachlorobenzene	11.022	284	216438	42.101	ng	99
69) Atrazine	11.116	200	195576	53.756	ng	99
70) Pentachlorophenol	11.222	266	208370	81.340	ng	99
71) Phenanthrene	11.439	178	935430	42.479	ng	99
72) Anthracene	11.492	178	959273	42.474	ng	99
73) Carbazole	11.645	167	907425	46.559	ng	99
74) Di-n-butylphthalate	11.969	149	1112189	54.778	ng	100
75) Fluoranthene	12.628	202	1007079	48.187	ng	99
77) Benzidine	12.745	184	255791	26.703	ng	100
78) Pyrene	12.857	202	1007355	42.151	ng	99
80) Butylbenzylphthalate	13.475	149	427208	61.625	ng	97
81) Benzo(a)anthracene	14.051	228	767013	44.594	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	73417	13.160	ng	97
83) Chrysene	14.086	228	673206	43.863	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	548324	54.975	ng	100
85) Di-n-octyl phthalate	14.645	149	794510	42.244	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	633989	30.938	ng	99
88) Benzo(b)fluoranthene	15.116	252	696579	44.746	ng	100
89) Benzo(k)fluoranthene	15.145	252	667147	45.806	ng	99
90) Benzo(a)pyrene	15.492	252	666285	44.303	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	527882	31.704	ng	98
92) Benzo(g,h,i)perylene	17.521	276	440277	26.518	ng	99

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

Quant Time: Jun 30 13:17:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

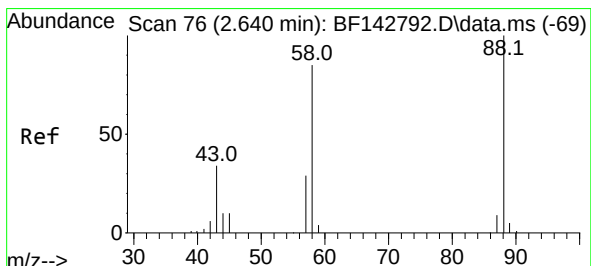
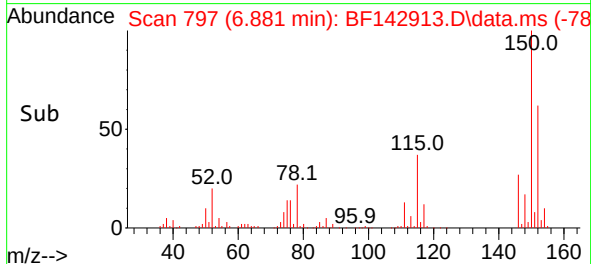
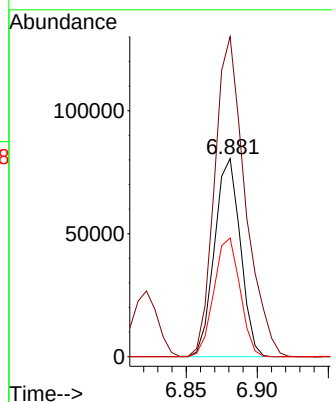
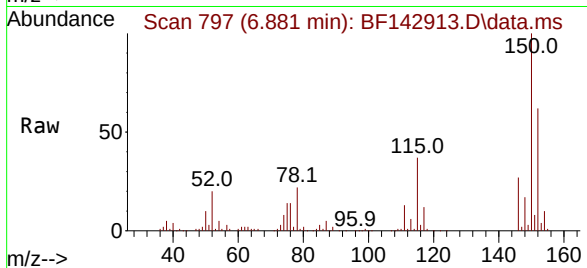




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF142913.D
 Acq: 30 Jun 2025 12:47

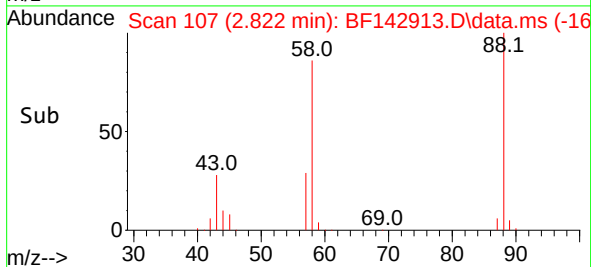
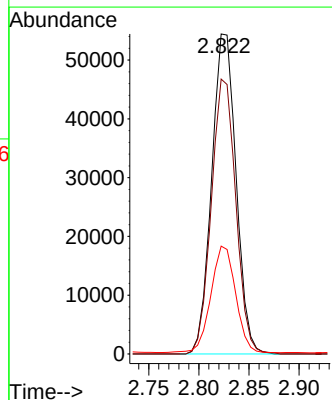
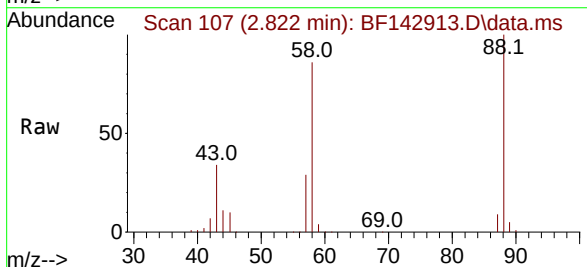
Instrument :
 BNA_F
 ClientSampleId :
 MH-E/FMS

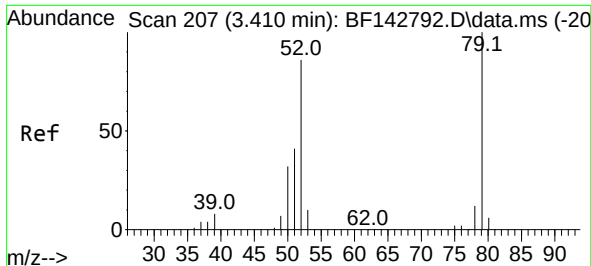
Tgt Ion:152 Resp: 102164
 Ion Ratio Lower Upper
 152 100
 150 161.5 127.2 190.8
 115 59.9 46.6 69.8



#2
 1,4-Dioxane
 Concen: 37.592 ng
 RT: 2.822 min Scan# 107
 Delta R.T. 0.183 min
 Lab File: BF142913.D
 Acq: 30 Jun 2025 12:47

Tgt Ion: 88 Resp: 92264
 Ion Ratio Lower Upper
 88 100
 58 86.1 69.1 103.7
 43 33.7 27.4 41.2

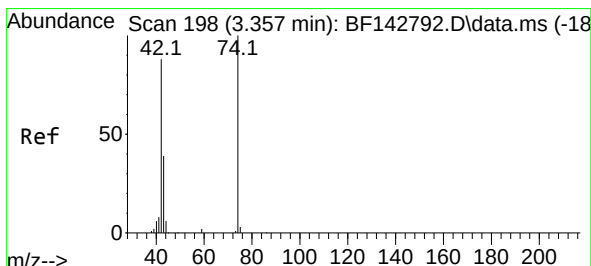
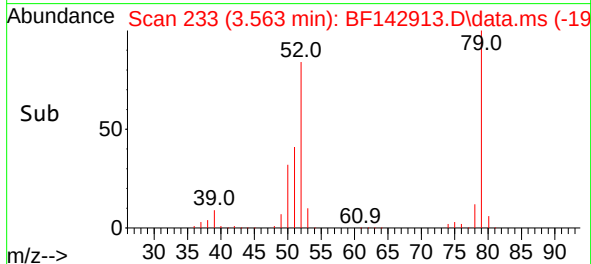
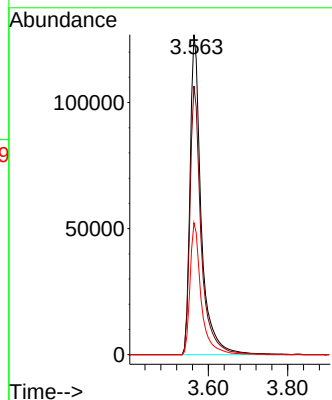
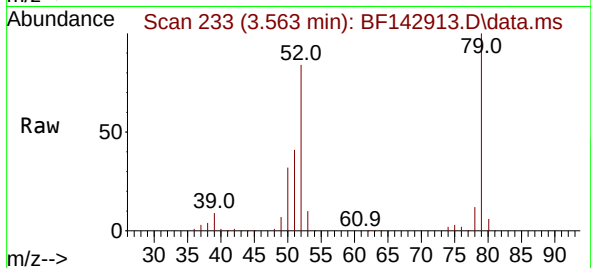




#3
Pyridine
Concen: 40.481 ng
RT: 3.563 min Scan# 21
Delta R.T. 0.153 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

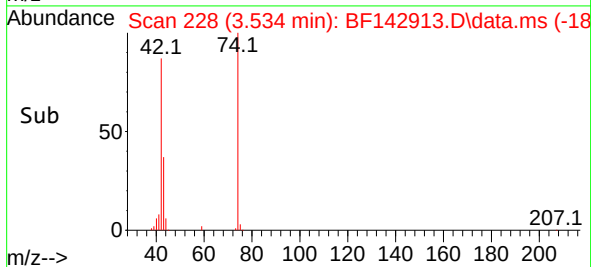
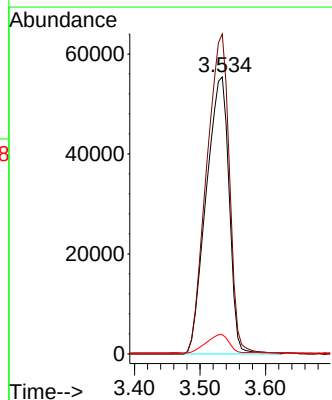
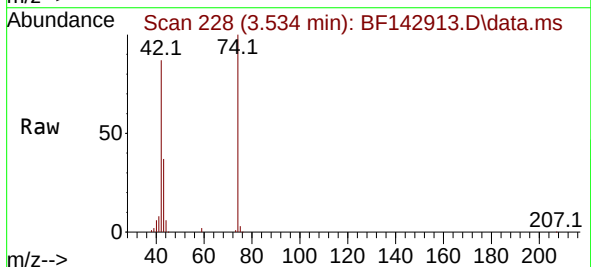
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

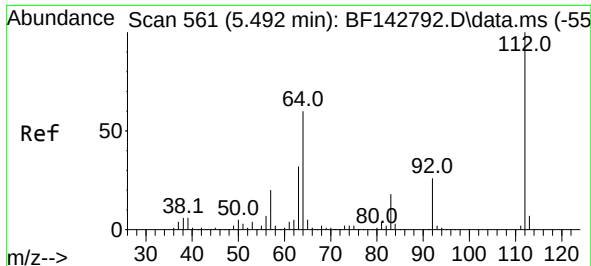
Tgt Ion: 79 Resp: 249078
Ion Ratio Lower Upper
79 100
52 84.0 69.2 103.8
51 41.2 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 42.285 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.177 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion: 42 Resp: 134543
Ion Ratio Lower Upper
42 100
74 115.6 90.9 136.3
44 7.0 5.8 8.6

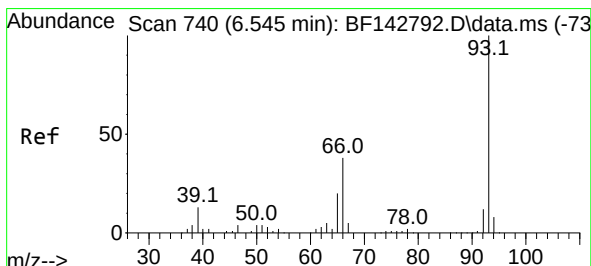
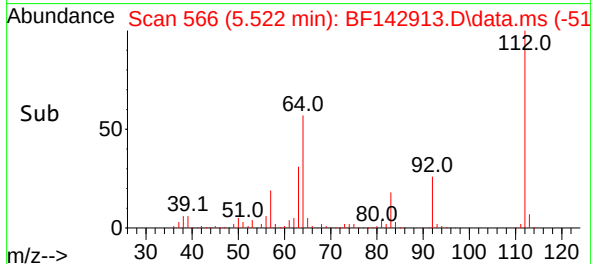
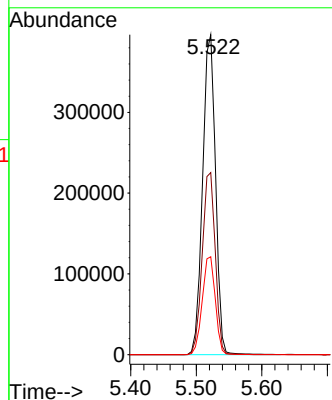
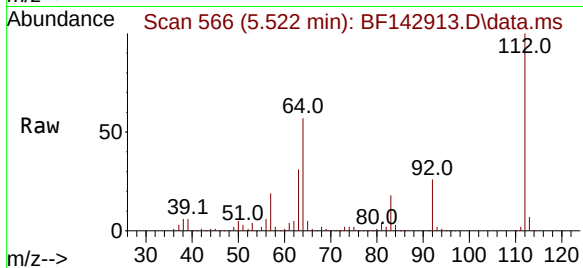




#5
2-Fluorophenol
Concen: 88.698 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.030 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

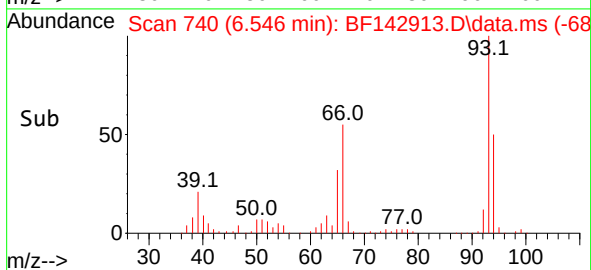
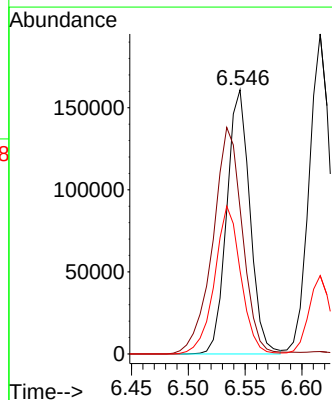
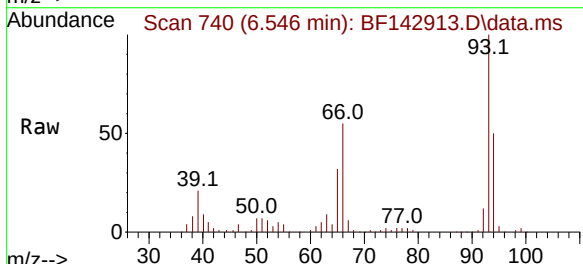
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

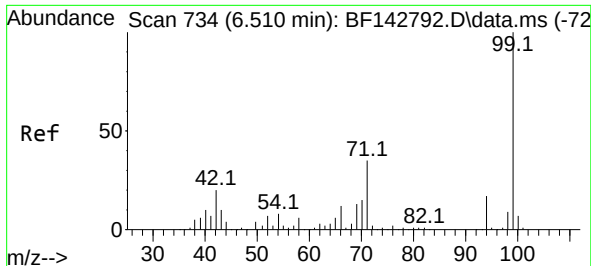
Tgt Ion:112 Resp: 544275
Ion Ratio Lower Upper
112 100
64 56.9 48.2 72.2
63 30.6 25.7 38.5



#6
Aniline
Concen: 23.656 ng
RT: 6.546 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion: 93 Resp: 227877
Ion Ratio Lower Upper
93 100
66 55.2 31.8 47.6#
65 31.6 16.2 24.2#





#7

Phenol-d6

Concen: 92.139 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

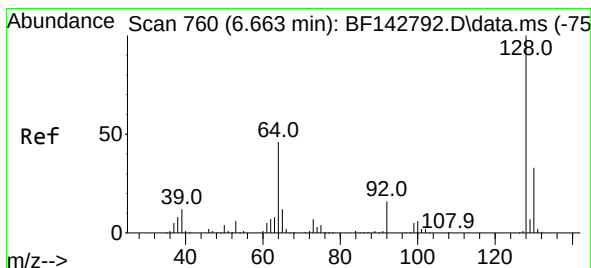
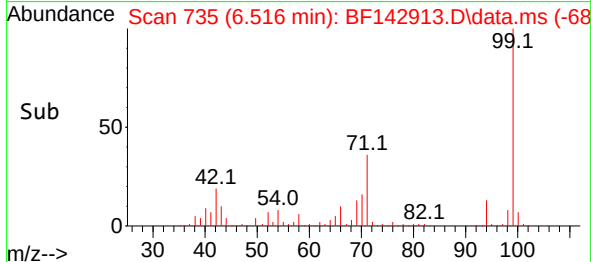
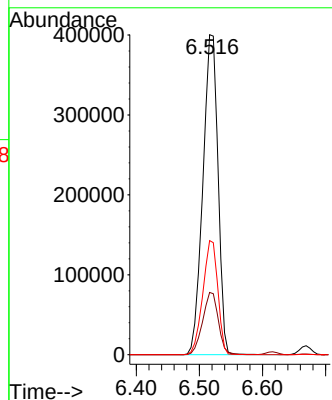
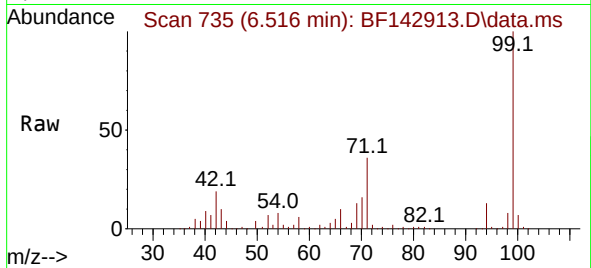
Tgt Ion: 99 Resp: 667050

Ion Ratio Lower Upper

99 100

42 19.5 15.9 23.9

71 35.7 27.8 41.8



#8

2-Chlorophenol

Concen: 44.750 ng

RT: 6.669 min Scan# 761

Delta R.T. 0.006 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

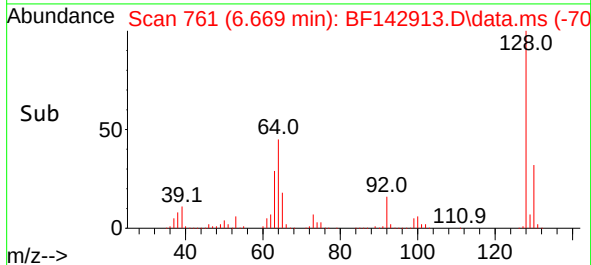
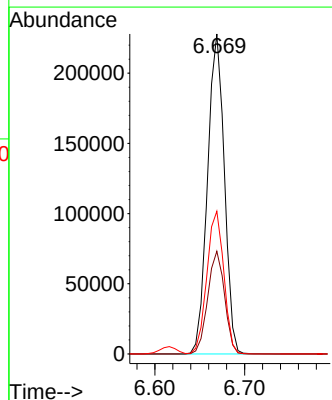
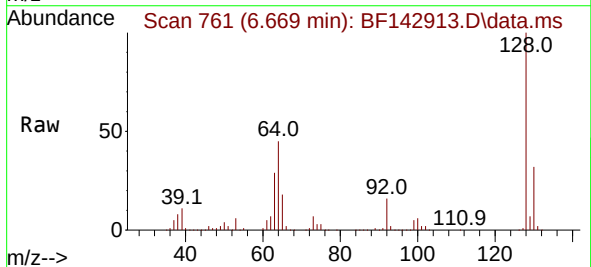
Tgt Ion:128 Resp: 296214

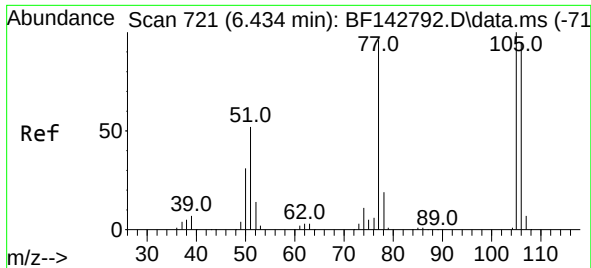
Ion Ratio Lower Upper

128 100

130 32.1 12.7 52.7

64 44.6 26.5 66.5



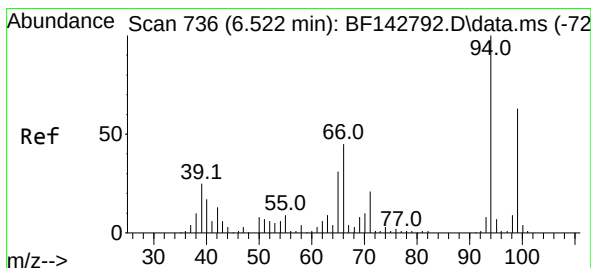
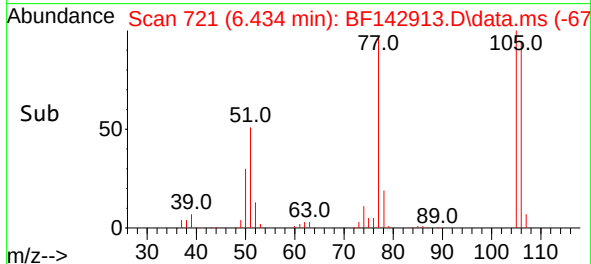
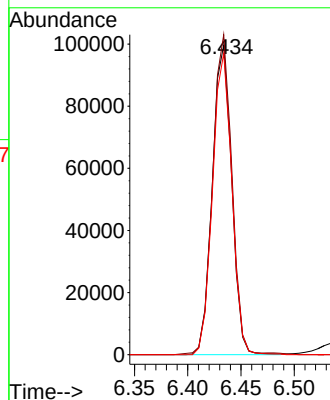
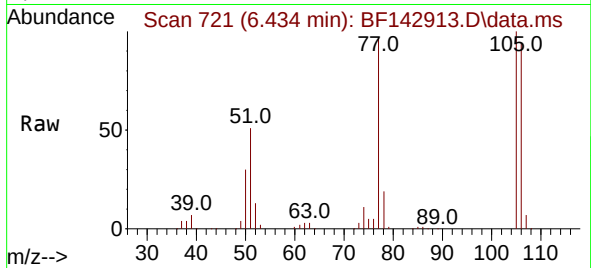


#9
Benzaldehyde
Concen: 29.191 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

Tgt Ion: 77 Resp: 125379

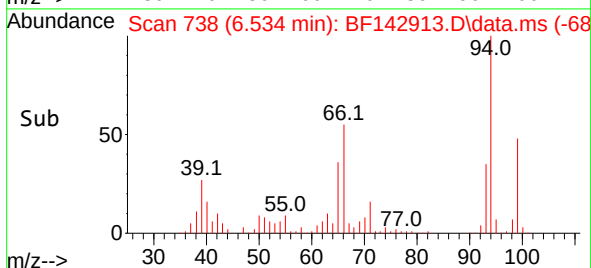
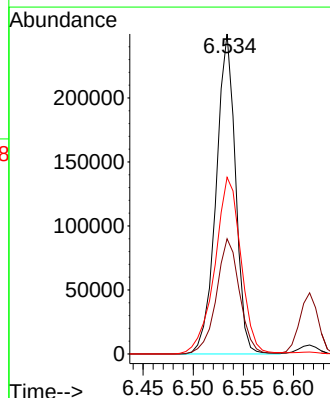
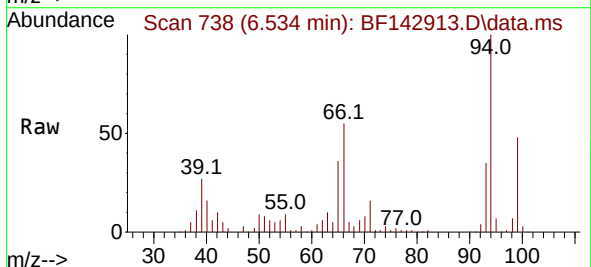
Ion	Ratio	Lower	Upper
77	100		
105	103.4	83.8	123.8
106	97.3	78.7	118.7

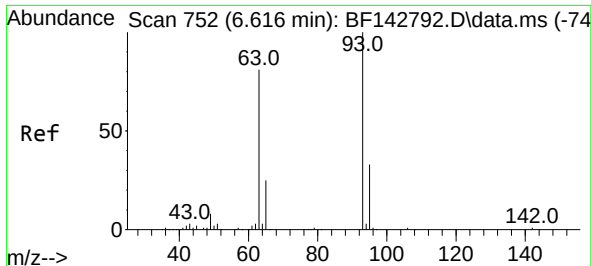


#10
Phenol
Concen: 41.709 ng
RT: 6.534 min Scan# 738
Delta R.T. 0.012 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion: 94 Resp: 335647

Ion	Ratio	Lower	Upper
94	100		
65	36.0	11.3	51.3
66	55.2	24.9	64.9

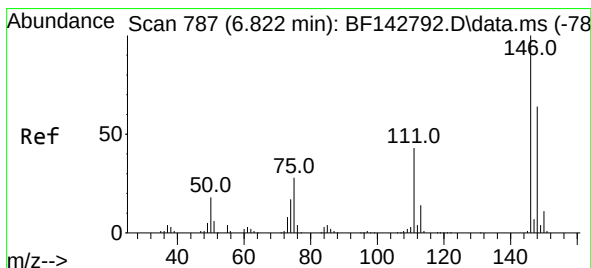
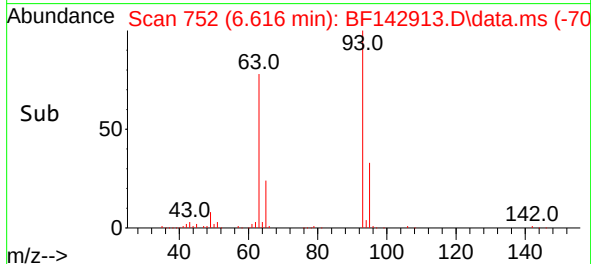
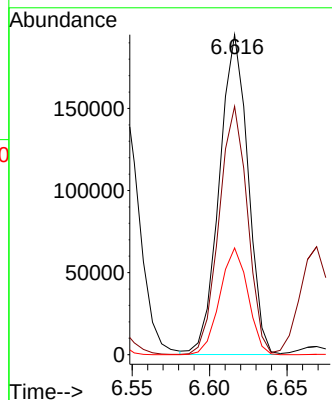
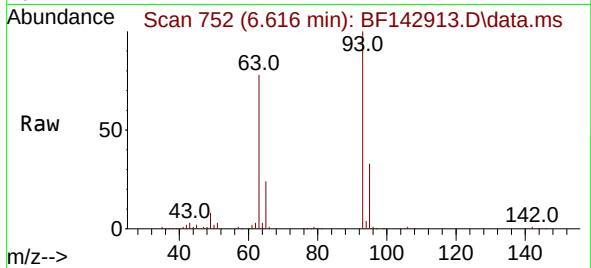




#11
bis(2-Chloroethyl)ether
Concen: 43.584 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

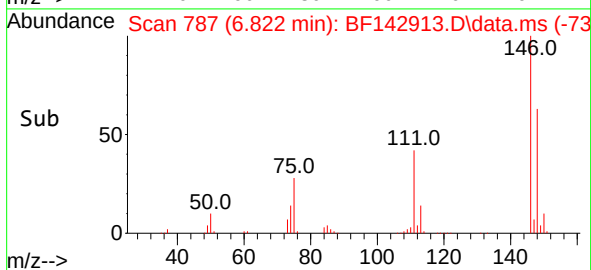
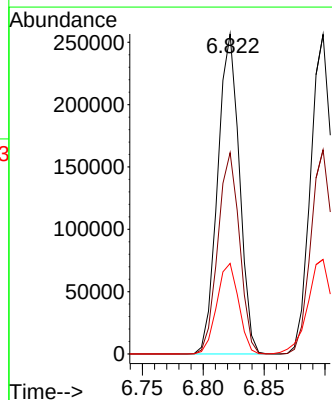
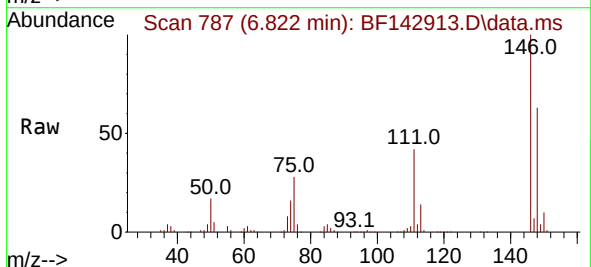
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

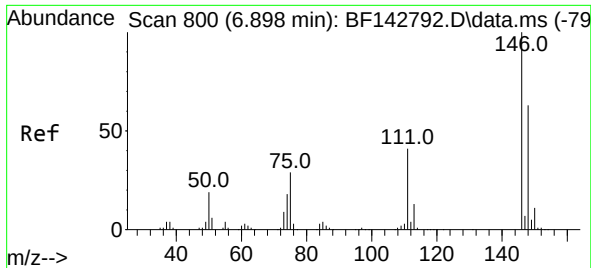
Tgt Ion: 93 Resp: 250676
Ion Ratio Lower Upper
93 100
63 77.6 60.3 100.3
95 33.3 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 43.024 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion: 146 Resp: 318500
Ion Ratio Lower Upper
146 100
148 62.9 51.1 76.7
75 28.3 22.7 34.1

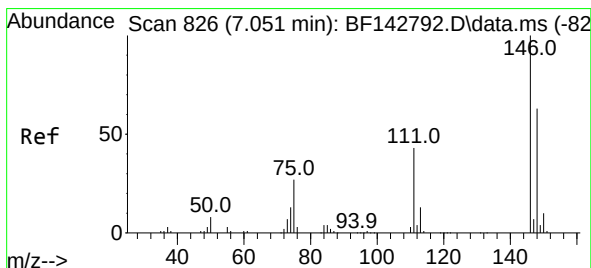
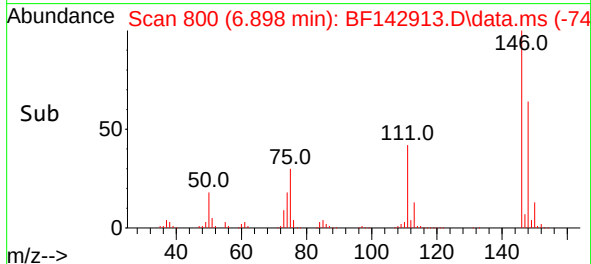
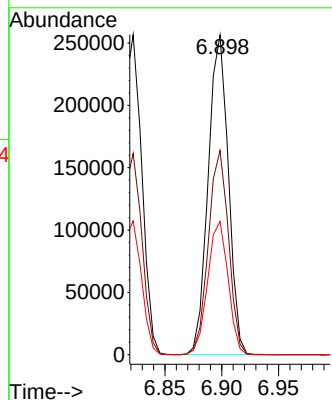
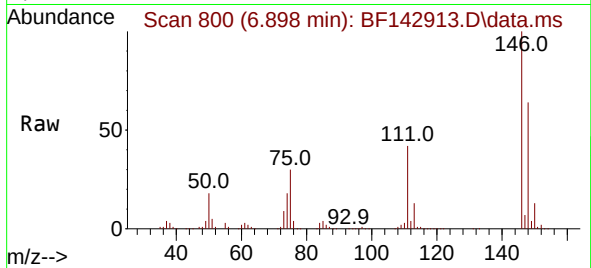




#13
1,4-Dichlorobenzene
Concen: 42.376 ng
RT: 6.898 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

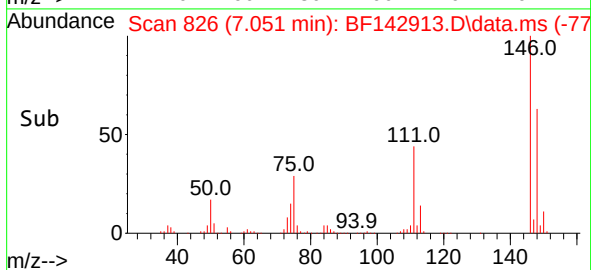
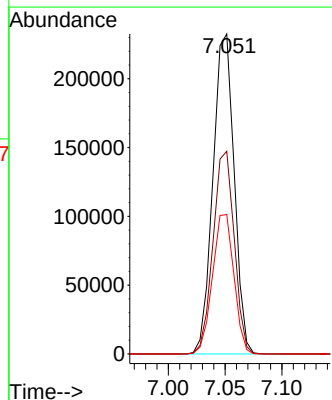
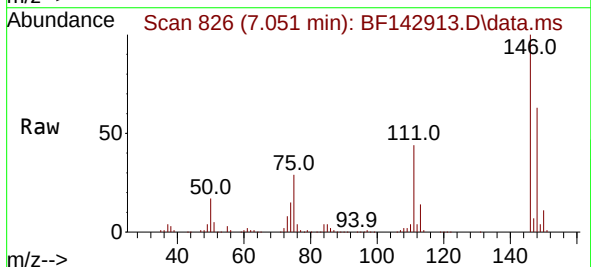
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

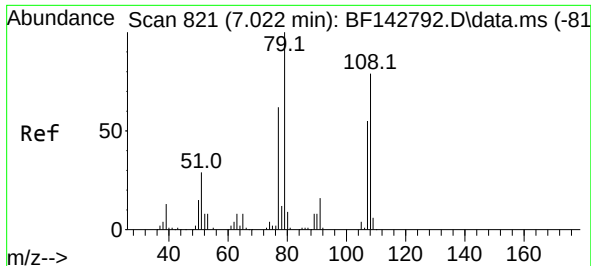
Tgt Ion:146 Resp: 316500
Ion Ratio Lower Upper
146 100
148 63.9 50.2 75.2
111 41.7 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 42.685 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion:146 Resp: 302388
Ion Ratio Lower Upper
146 100
148 63.4 50.4 75.6
111 43.6 34.1 51.1

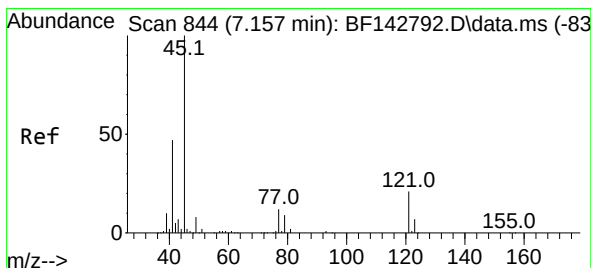
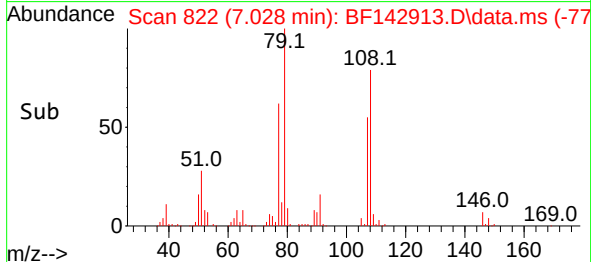
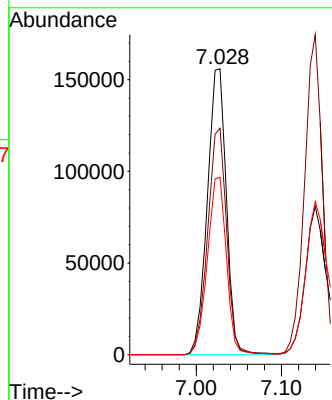
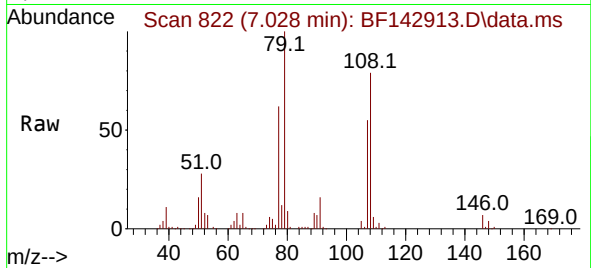




#15
Benzyl Alcohol
Concen: 46.240 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

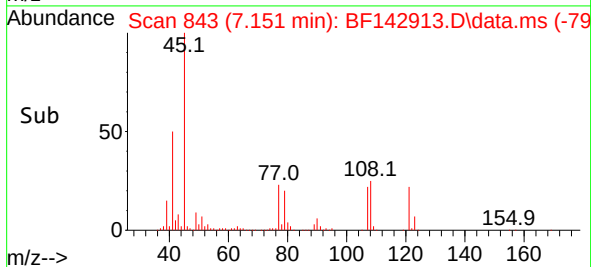
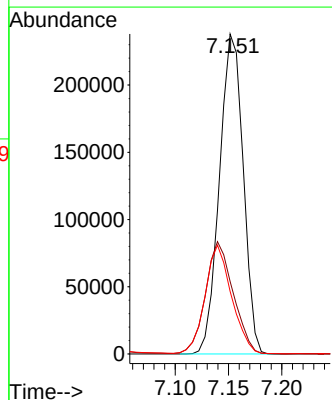
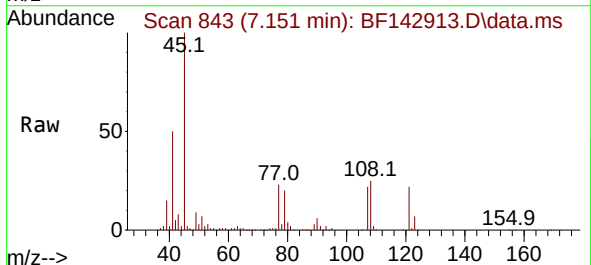
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

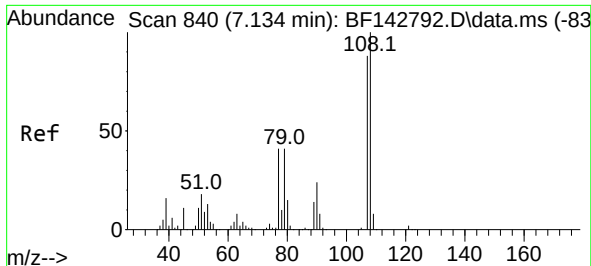
Tgt Ion: 79 Resp: 242006
Ion Ratio Lower Upper
79 100
108 79.2 63.4 95.0
77 62.0 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.872 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

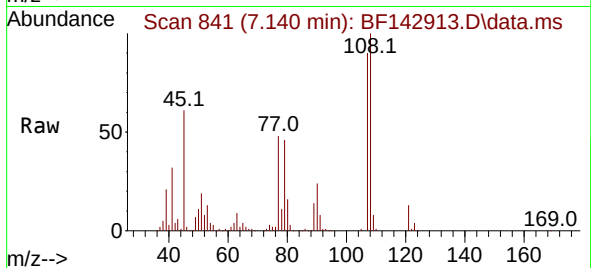
Tgt Ion: 45 Resp: 368443
Ion Ratio Lower Upper
45 100
77 22.6 0.0 32.8
79 19.5 0.0 29.8



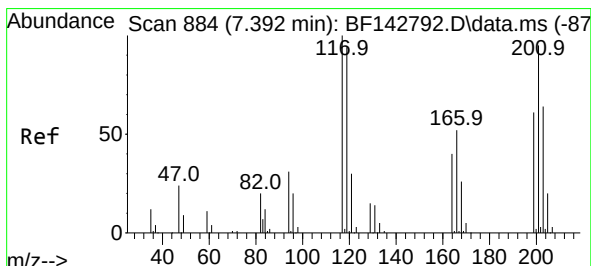
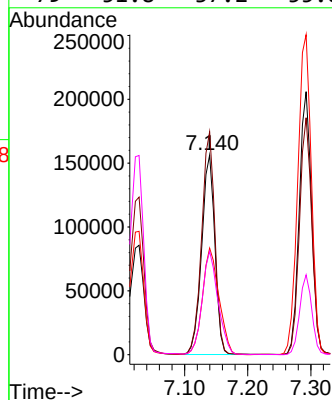
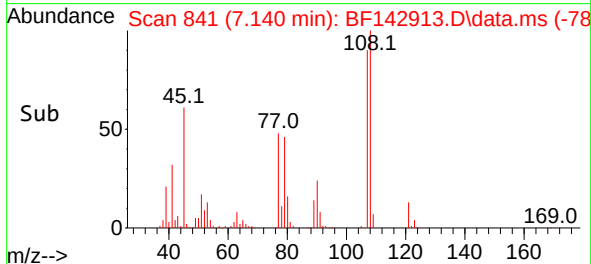


#17
2-Methylphenol
Concen: 45.243 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

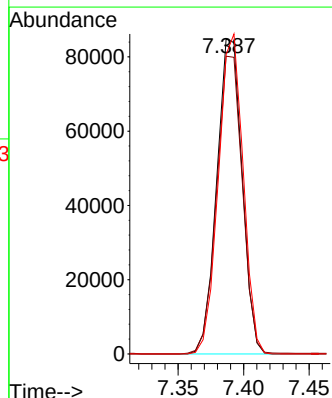
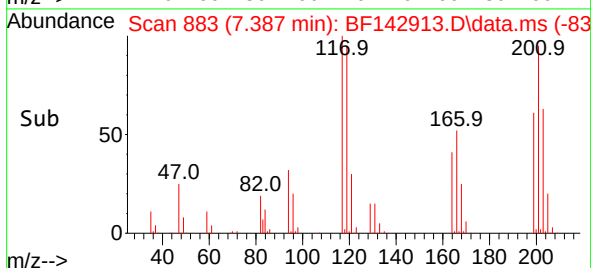
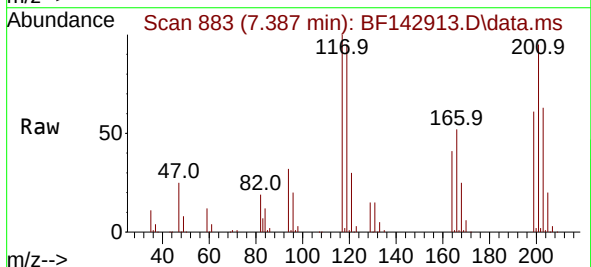


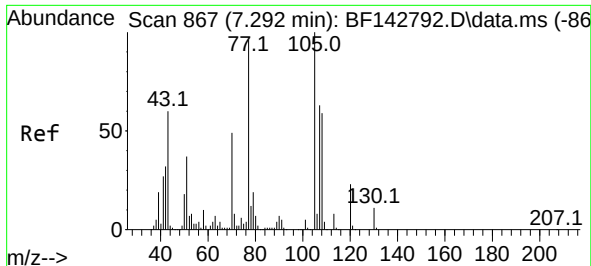
Tgt Ion:107 Resp: 226948
Ion Ratio Lower Upper
107 100
108 111.6 90.9 136.3
77 53.4 37.3 55.9
79 51.8 37.2 55.8



#18
Hexachloroethane
Concen: 43.534 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion:117 Resp: 113729
Ion Ratio Lower Upper
117 100
119 94.5 75.4 113.0
201 95.0 75.9 113.9



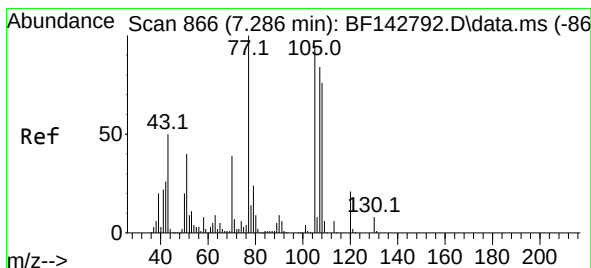
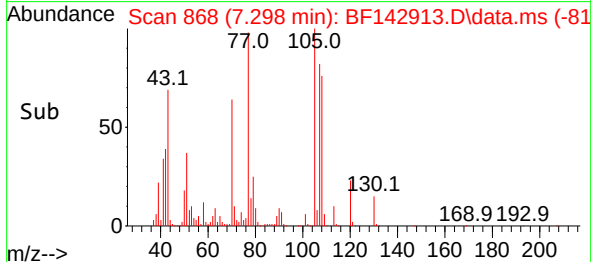
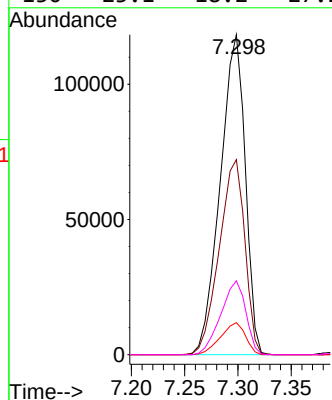
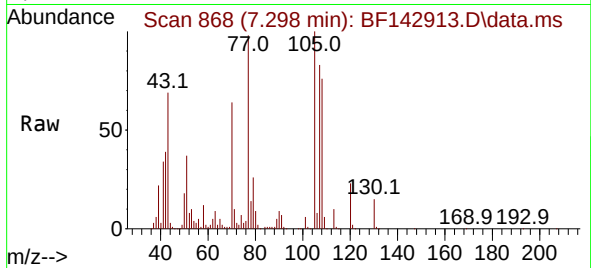


#19
n-Nitroso-di-n-propylamine
Concen: 45.816 ng
RT: 7.298 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

Tgt Ion: 70 Resp: 192913

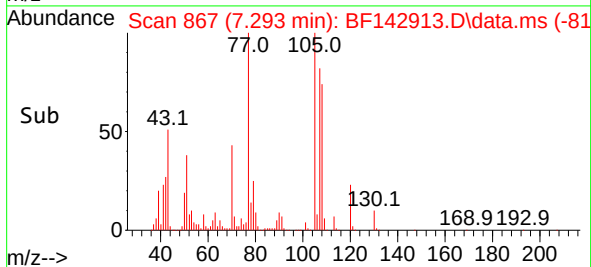
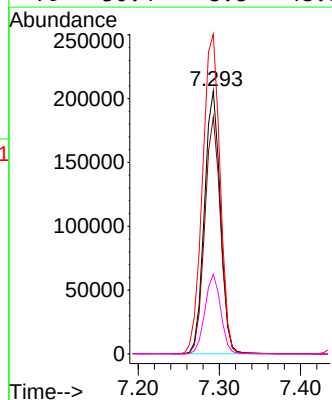
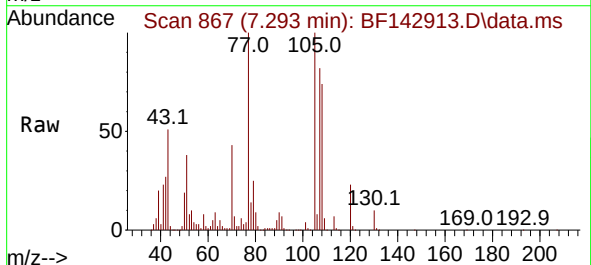
Ion	Ratio	Lower	Upper
70	100		
42	61.0	52.1	78.1
101	10.0	8.2	12.2
130	23.1	18.2	27.2

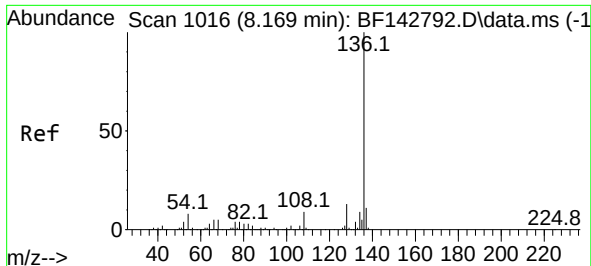


#20
3+4-Methylphenols
Concen: 44.799 ng
RT: 7.293 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion: 107 Resp: 280186

Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.0	110.0
77	121.6	98.5	138.5
79	30.4	8.8	48.8



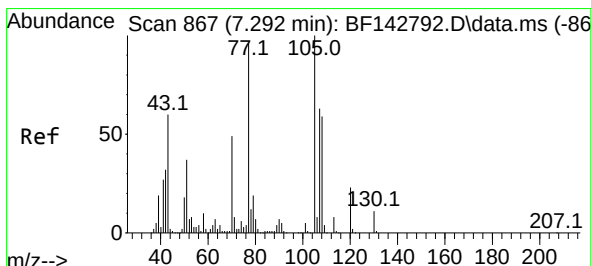
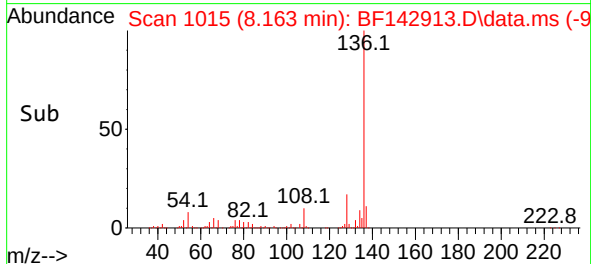
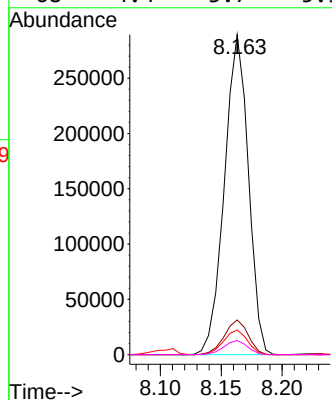
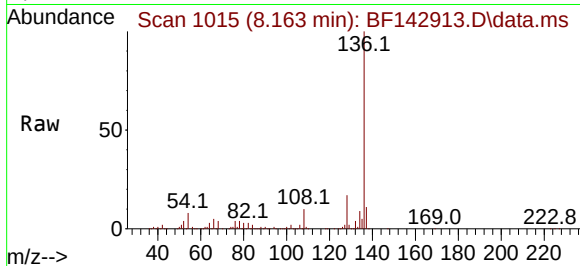


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

Tgt Ion:136 Resp: 396361

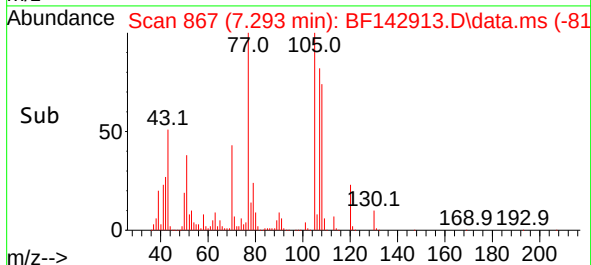
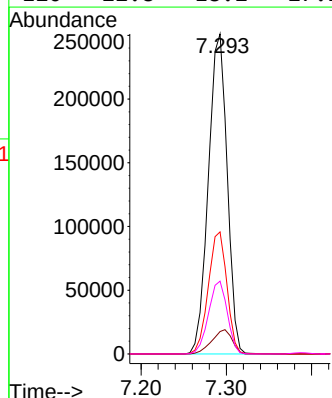
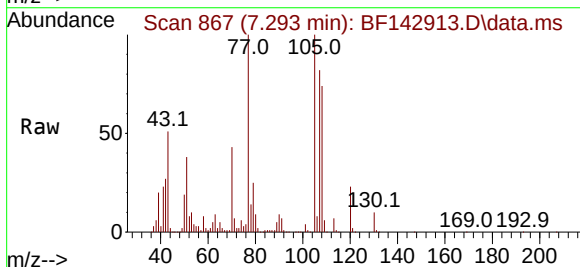
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	7.7	6.3	9.5
68	4.4	3.7	5.5

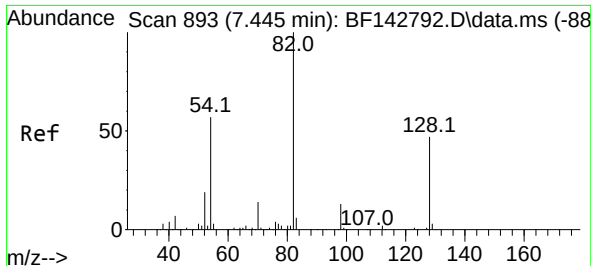


#22
Acetophenone
Concen: 43.938 ng
RT: 7.293 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion:105 Resp: 384037

Ion	Ratio	Lower	Upper
105	100		
71	7.0	6.5	9.7
51	38.2	29.8	44.8
120	22.8	18.2	27.2





#23

Nitrobenzene-d5

Concen: 57.386 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

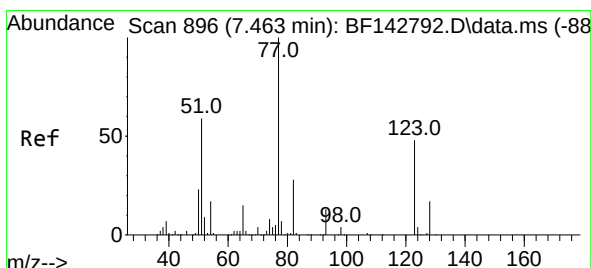
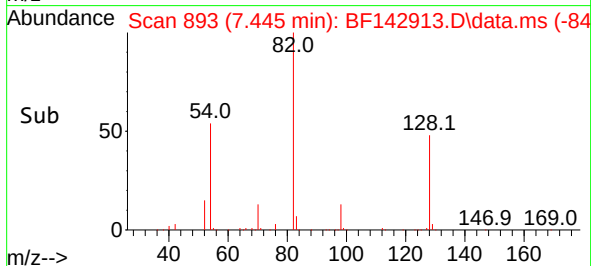
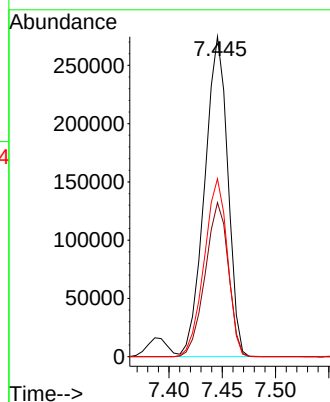
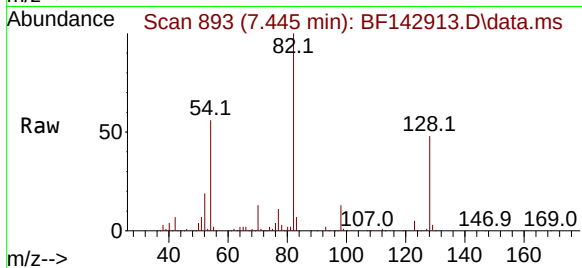
Tgt Ion: 82 Resp: 414683

Ion Ratio Lower Upper

82 100

128 48.2 37.7 56.5

54 55.6 45.7 68.5



#24

Nitrobenzene

Concen: 43.232 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

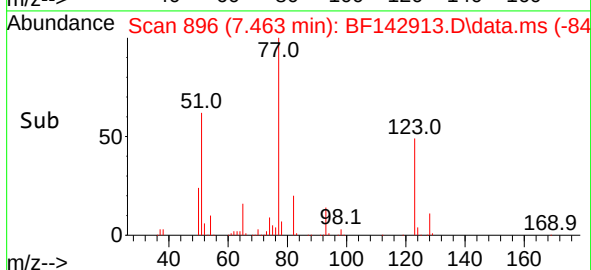
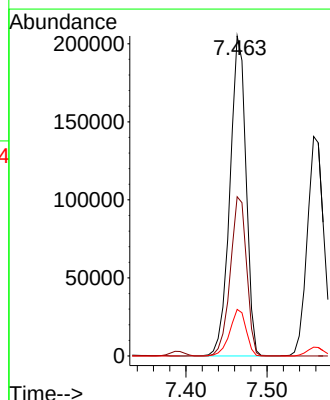
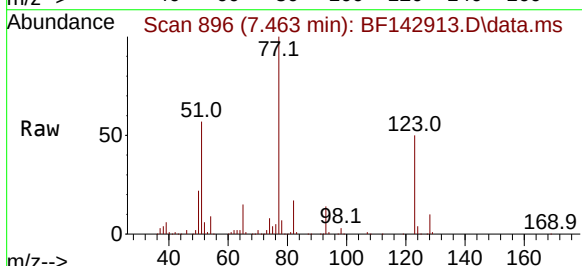
Tgt Ion: 77 Resp: 282752

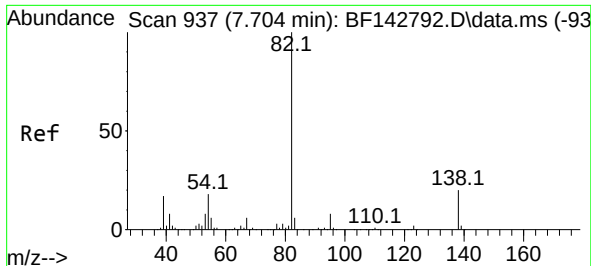
Ion Ratio Lower Upper

77 100

123 49.8 39.2 58.8

65 14.6 11.6 17.4

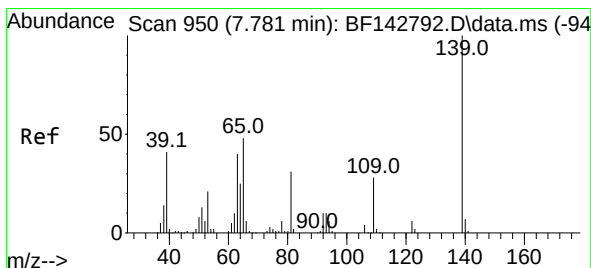
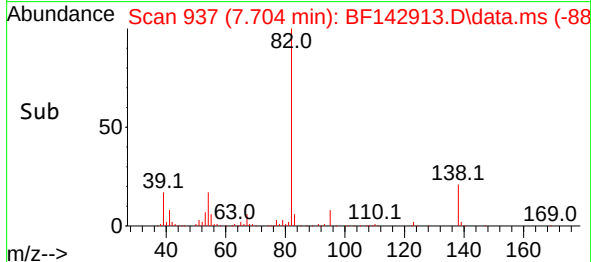
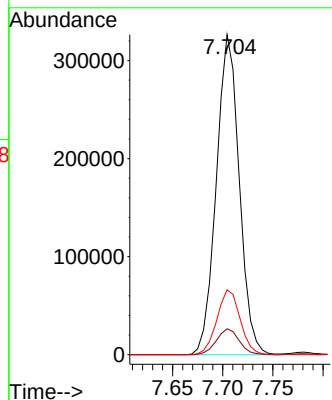
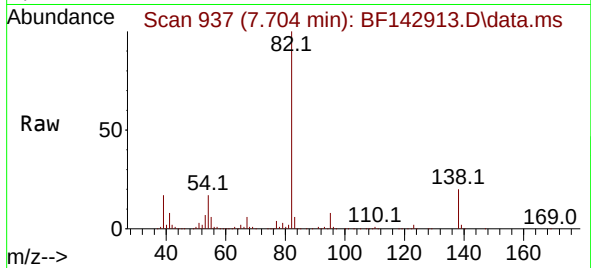




#25
Isophorone
Concen: 44.789 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

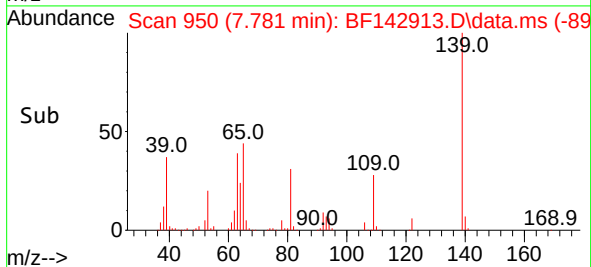
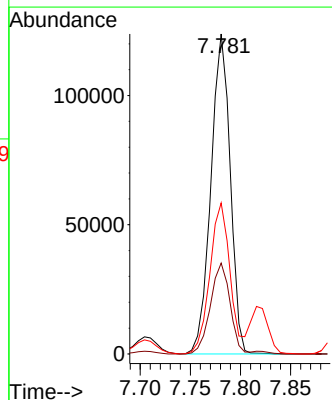
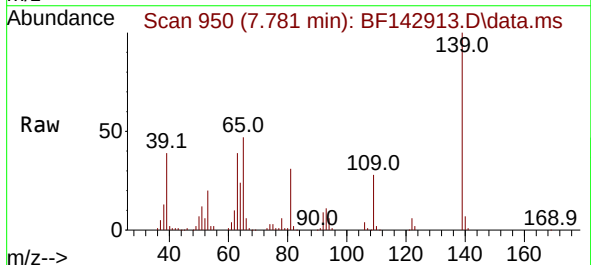
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

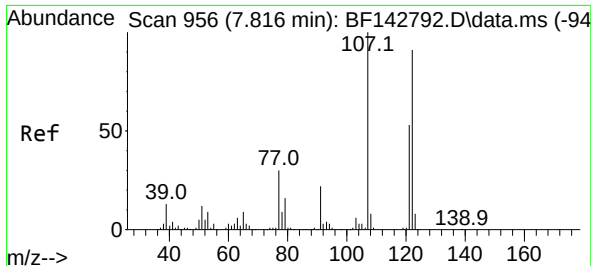
Tgt Ion: 82 Resp: 519185
Ion Ratio Lower Upper
82 100
95 8.1 6.2 9.2
138 20.3 16.2 24.4



#26
2-Nitrophenol
Concen: 46.608 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion: 139 Resp: 166055
Ion Ratio Lower Upper
139 100
109 28.4 22.7 34.1
65 47.2 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 44.051 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

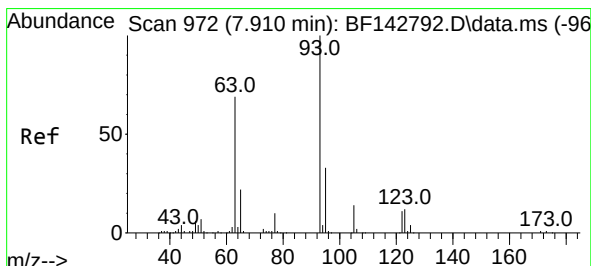
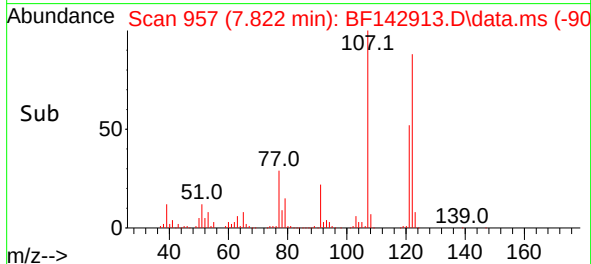
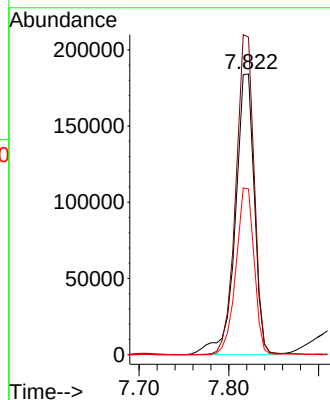
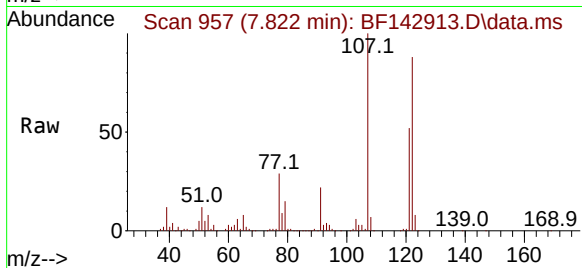
Tgt Ion:122 Resp: 271853

Ion Ratio Lower Upper

122 100

107 113.1 88.0 132.0

121 59.1 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 44.301 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

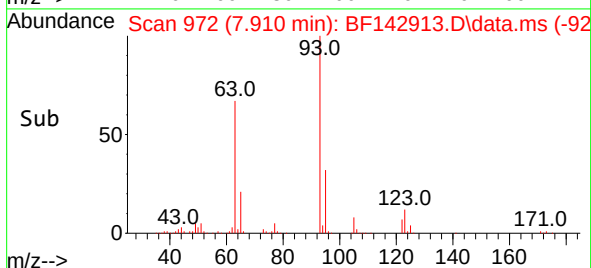
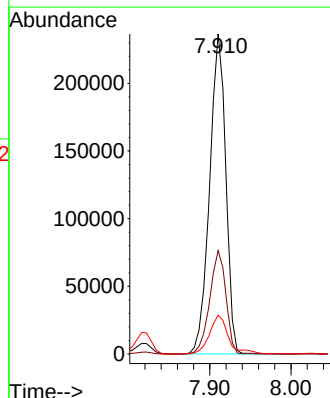
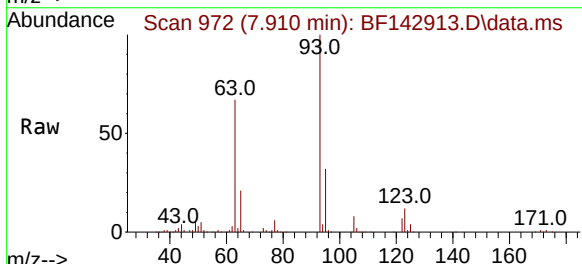
Tgt Ion: 93 Resp: 326480

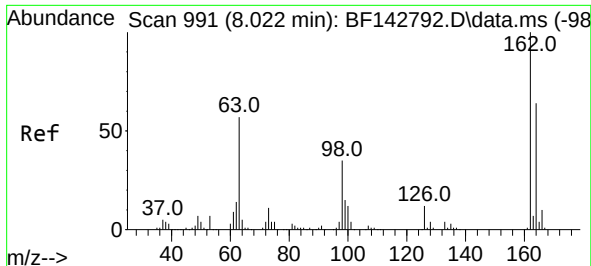
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

123 12.1 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 44.856 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

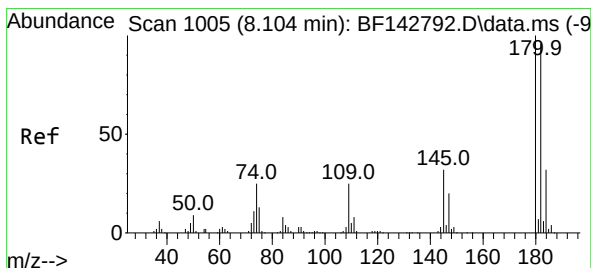
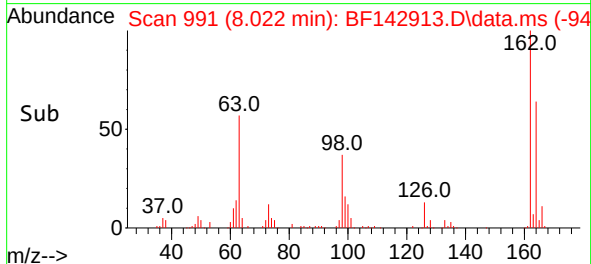
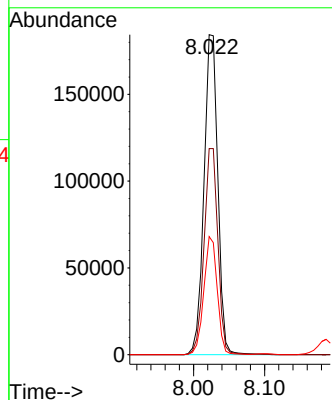
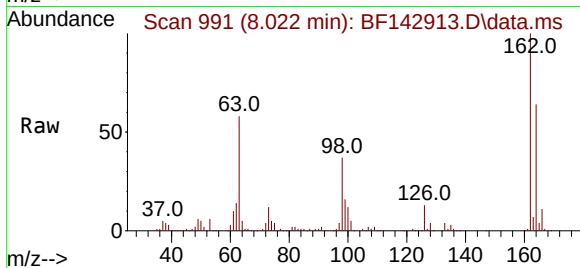
Tgt Ion:162 Resp: 251001

Ion Ratio Lower Upper

162 100

164 64.4 44.0 84.0

98 36.9 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 42.972 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

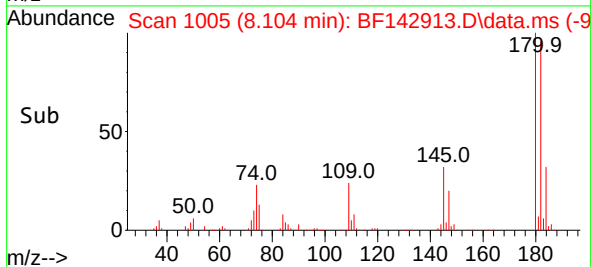
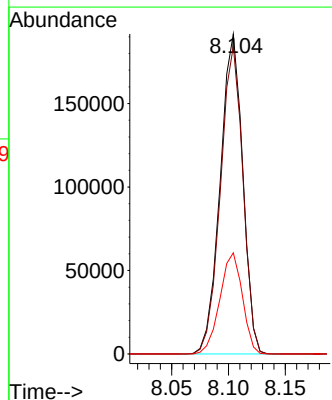
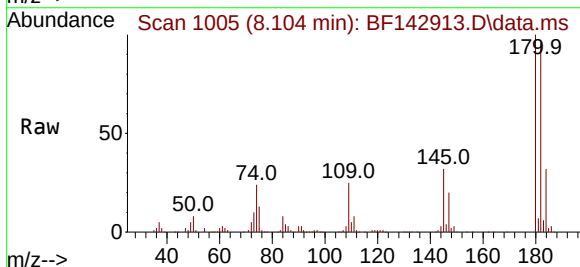
Tgt Ion:180 Resp: 264414

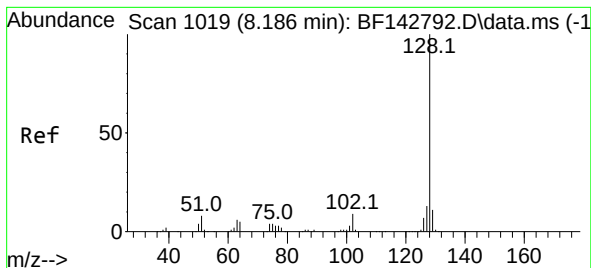
Ion Ratio Lower Upper

180 100

182 96.1 76.4 114.6

145 31.6 25.8 38.8





#31

Naphthalene

Concen: 43.324 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

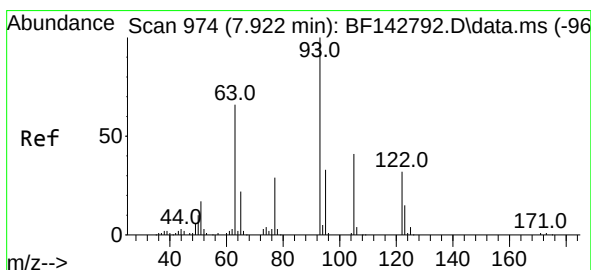
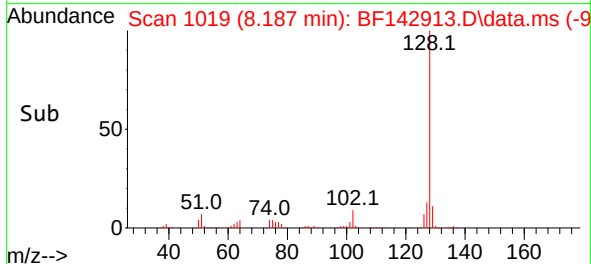
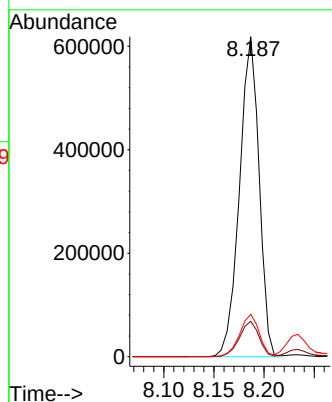
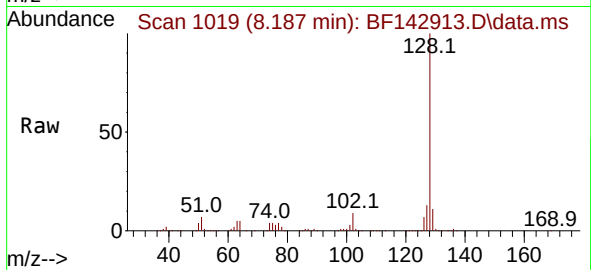
Tgt Ion:128 Resp: 840542

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.2 10.4 15.6



#32

Benzoic acid

Concen: 32.047 ng

RT: 7.945 min Scan# 978

Delta R.T. 0.024 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

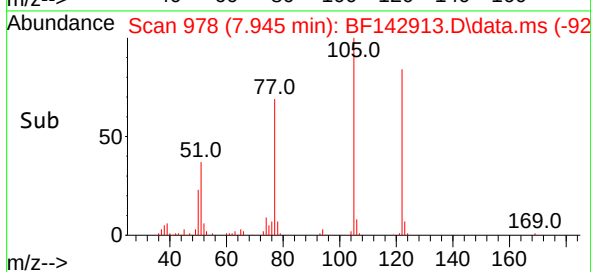
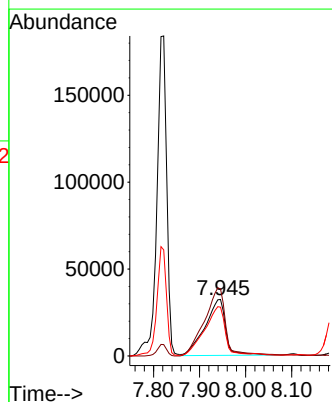
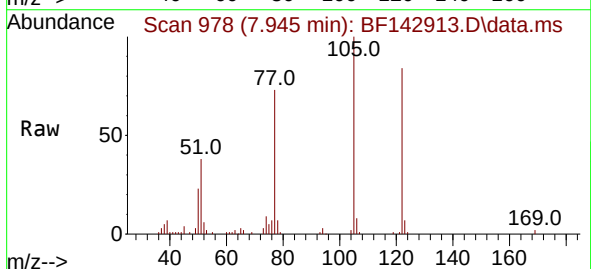
Tgt Ion:122 Resp: 100803

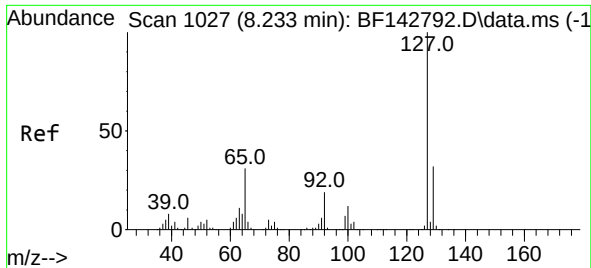
Ion Ratio Lower Upper

122 100

105 118.8 104.7 144.7

77 86.3 70.2 110.2

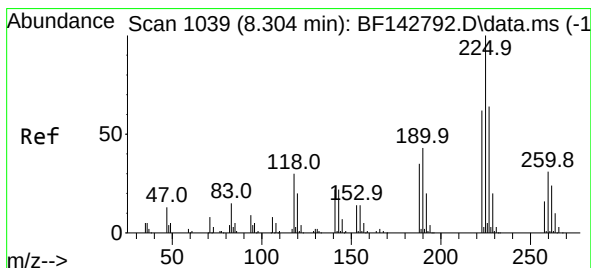
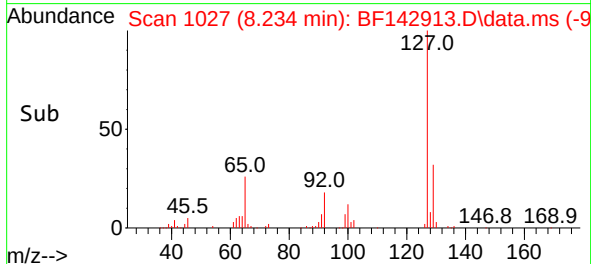
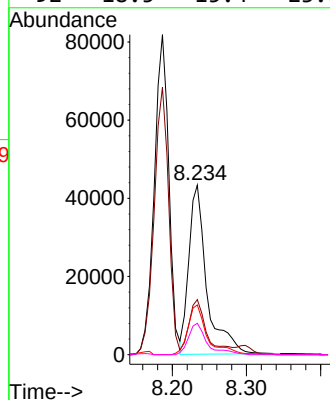
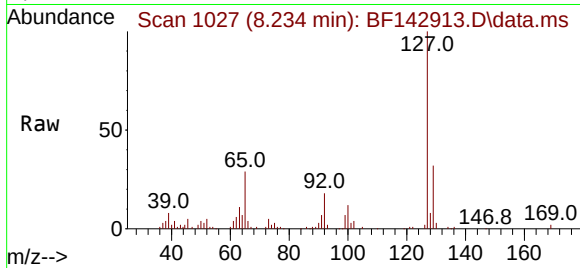




#33
4-Chloroaniline
Concen: 9.274 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

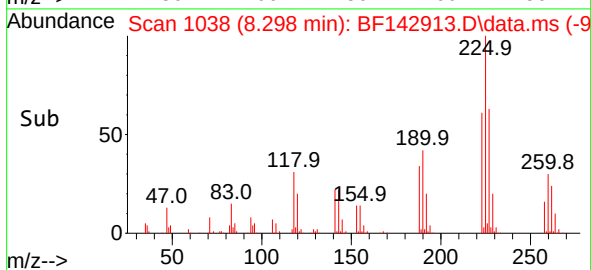
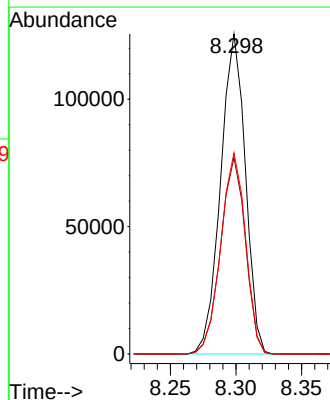
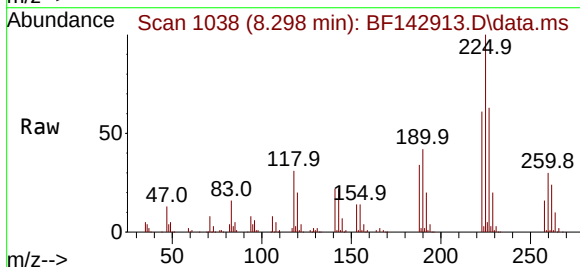
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

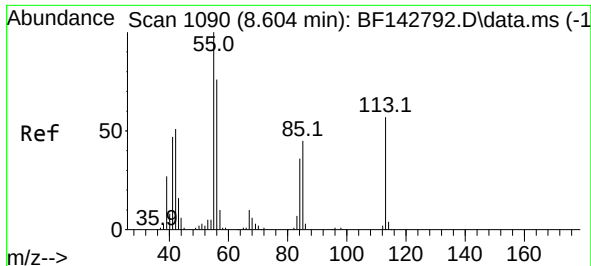
Tgt Ion:	127	Resp:	73161
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	29.3	24.6	36.8
92	18.5	15.4	23.0



#34
Hexachlorobutadiene
Concen: 43.831 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion:	225	Resp:	164970
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.9	74.9
227	62.8	51.4	77.0

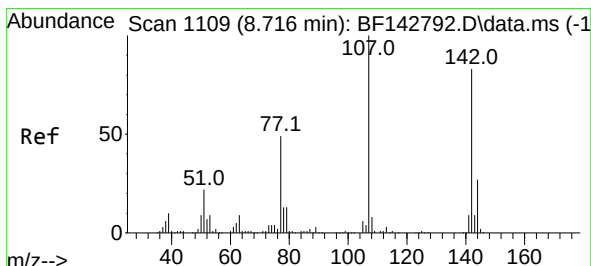
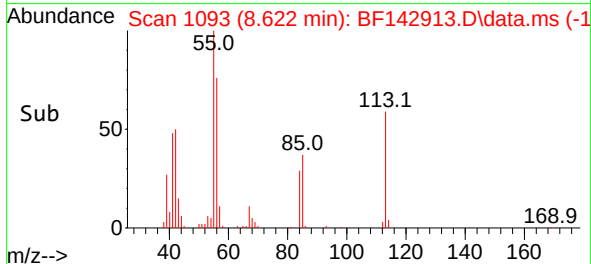
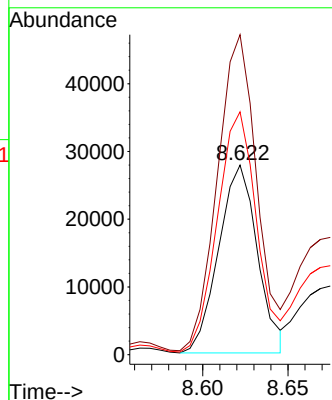
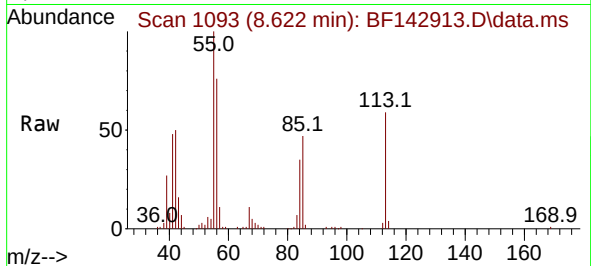




#35
 Caprolactam
 Concen: 29.771 ng
 RT: 8.622 min Scan# 1109
 Delta R.T. 0.018 min
 Lab File: BF142913.D
 Acq: 30 Jun 2025 12:47

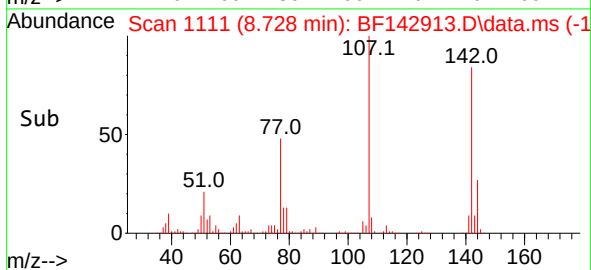
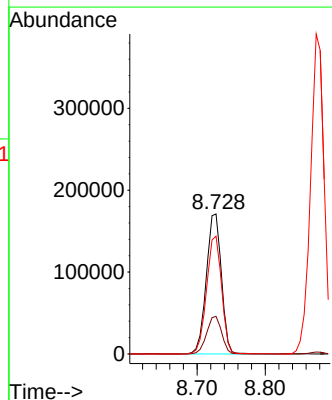
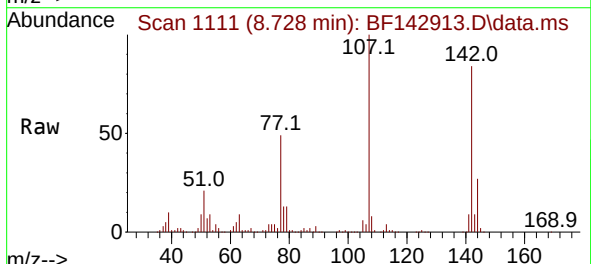
Instrument :
 BNA_F
 ClientSampleId :
 MH-E/FMS

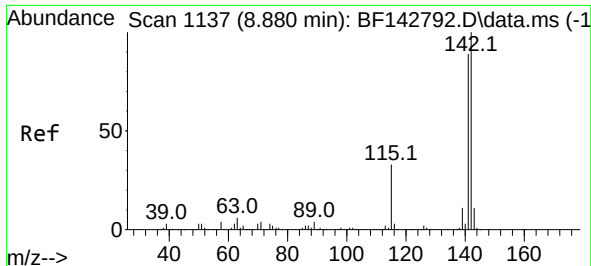
Tgt Ion:113 Resp: 43960
 Ion Ratio Lower Upper
 113 100
 55 168.7 154.4 194.4
 56 128.1 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 47.520 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. 0.012 min
 Lab File: BF142913.D
 Acq: 30 Jun 2025 12:47

Tgt Ion:107 Resp: 264272
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.3 31.9
 142 84.1 66.6 100.0

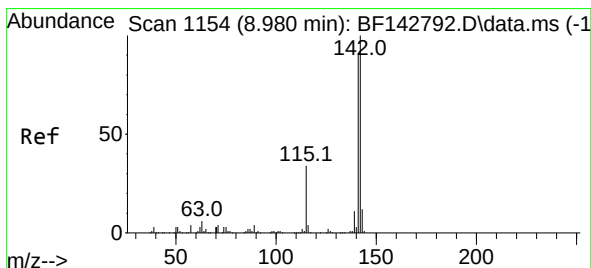
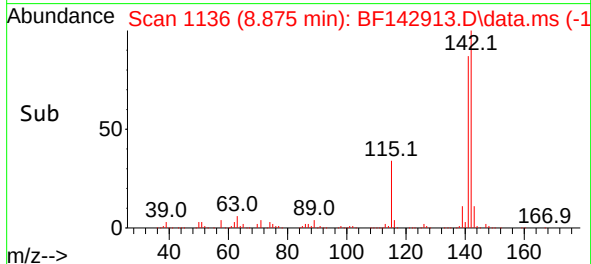
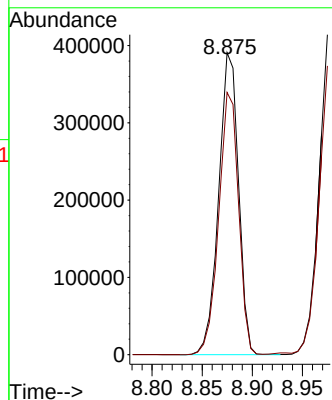
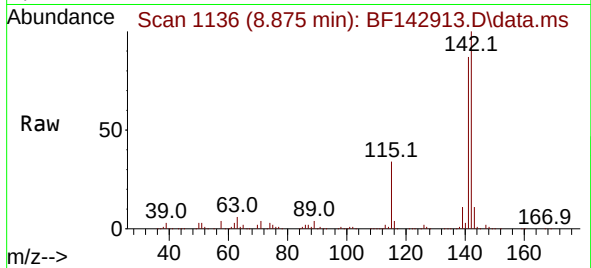




#37
2-Methylnaphthalene
Concen: 44.489 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

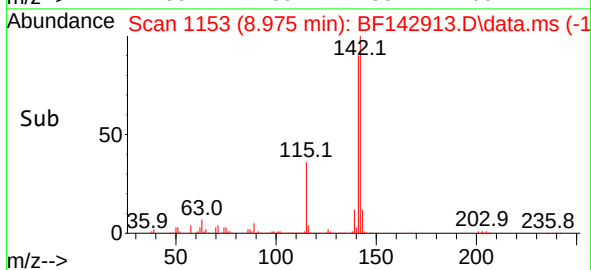
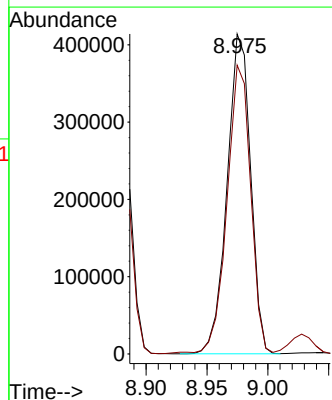
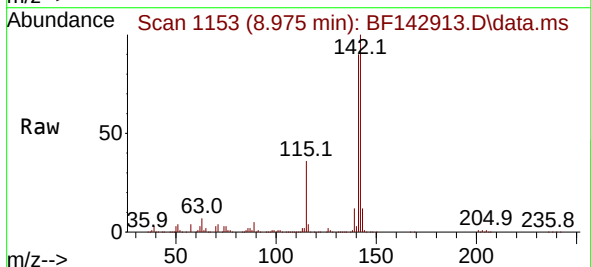
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

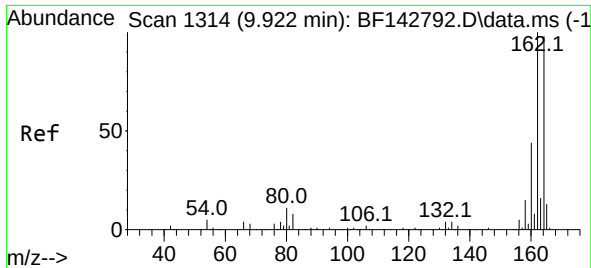
Tgt Ion:142 Resp: 535113
Ion Ratio Lower Upper
142 100
141 86.8 70.9 106.3



#38
1-Methylnaphthalene
Concen: 44.628 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion:142 Resp: 555672
Ion Ratio Lower Upper
142 100
141 90.2 73.0 109.4

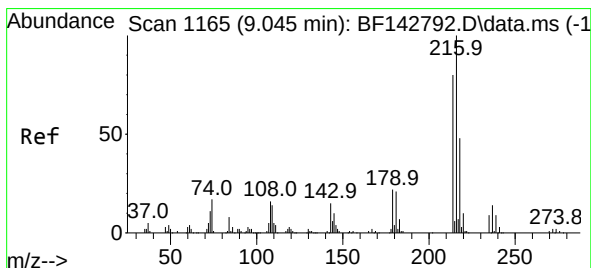
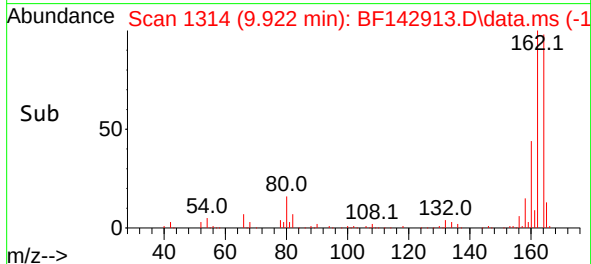
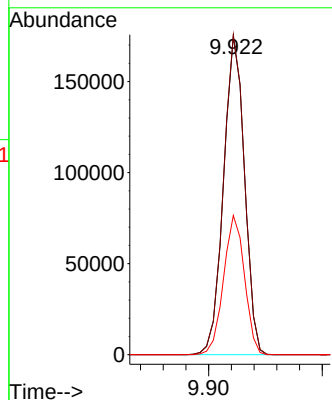
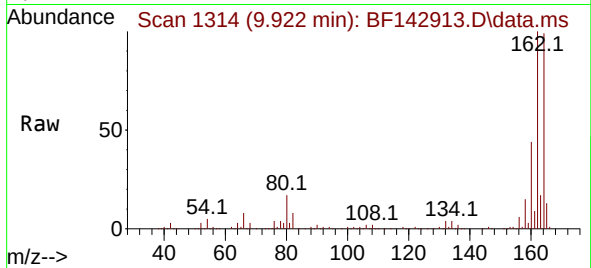




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

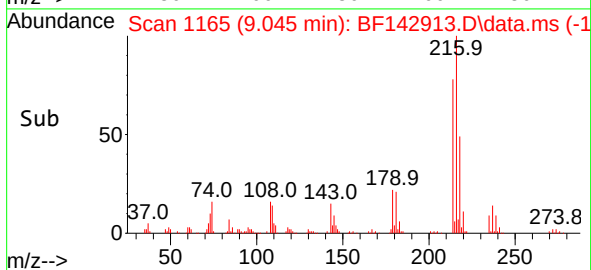
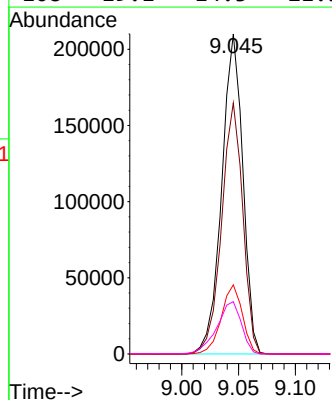
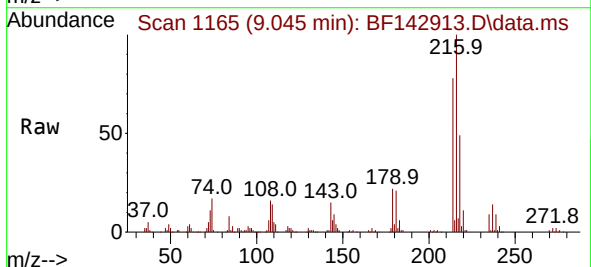
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

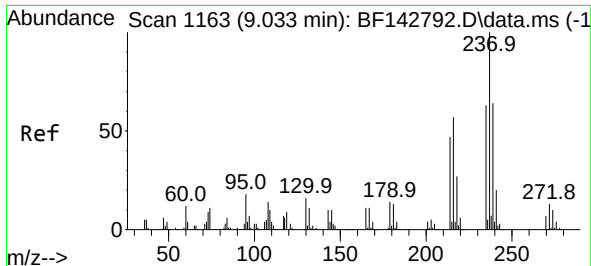
Tgt Ion:164 Resp: 224033
Ion Ratio Lower Upper
164 100
162 100.6 81.8 122.8
160 43.8 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.072 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion:216 Resp: 271505
Ion Ratio Lower Upper
216 100
214 78.4 63.7 95.5
179 21.6 17.6 26.4
108 19.1 14.3 21.5

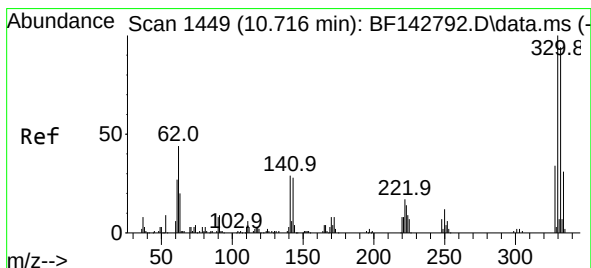
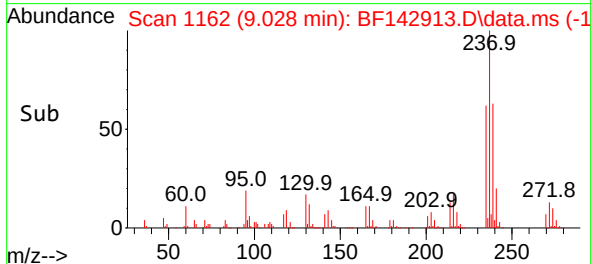
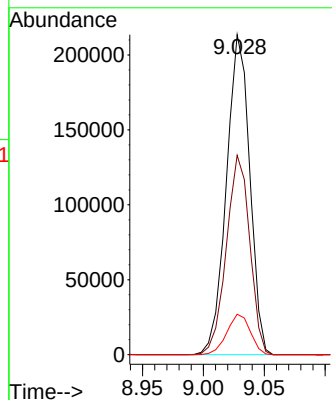
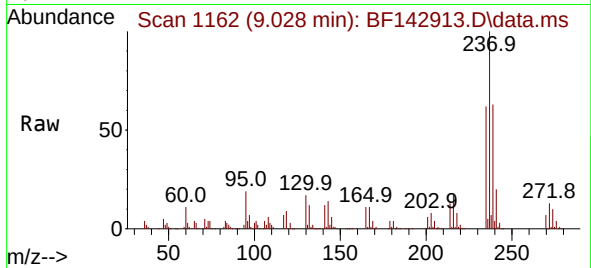




#41
Hexachlorocyclopentadiene
Concen: 75.960 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

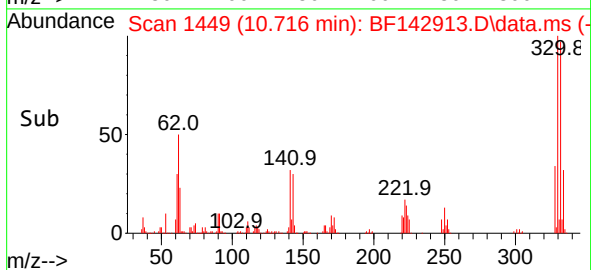
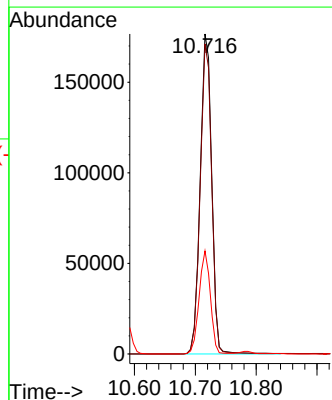
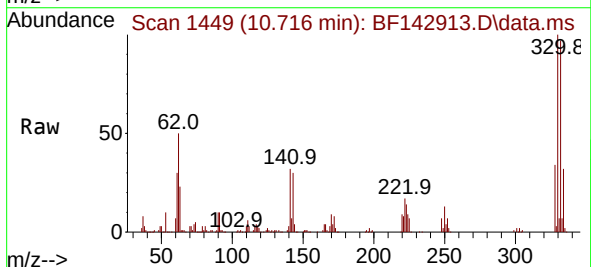
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

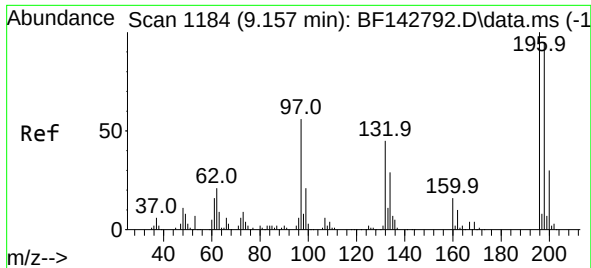
Tgt Ion:237 Resp: 284949
Ion Ratio Lower Upper
237 100
235 62.3 43.4 83.4
272 12.7 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 100.858 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion:330 Resp: 232524
Ion Ratio Lower Upper
330 100
332 96.9 75.0 112.6
141 31.6 25.3 37.9

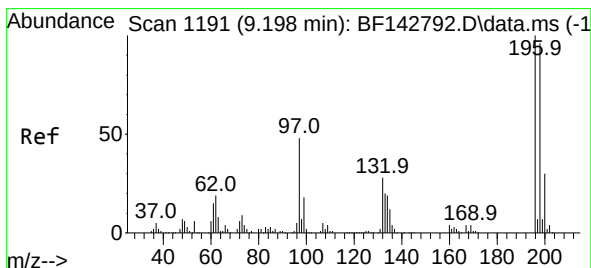
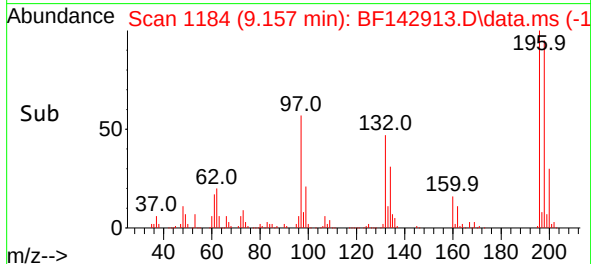
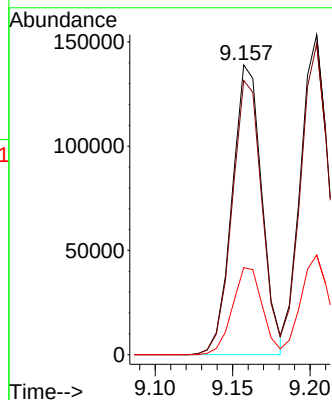
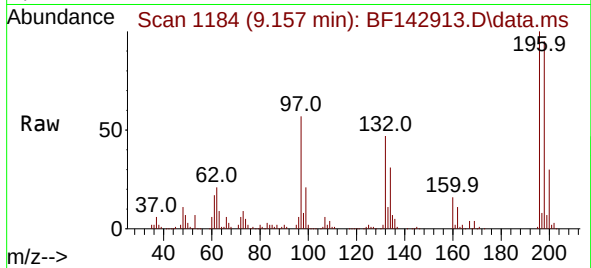




#43
 2,4,6-Trichlorophenol
 Concen: 43.037 ng
 RT: 9.157 min Scan# 1184
 Delta R.T. 0.000 min
 Lab File: BF142913.D
 Acq: 30 Jun 2025 12:47

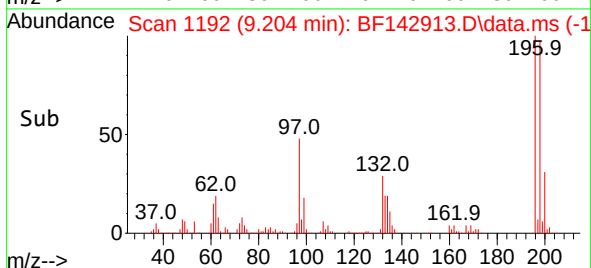
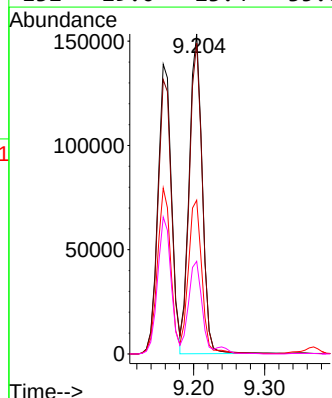
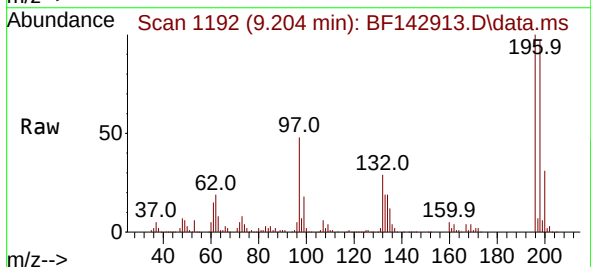
Instrument :
 BNA_F
 ClientSampleId :
 MH-E/FMS

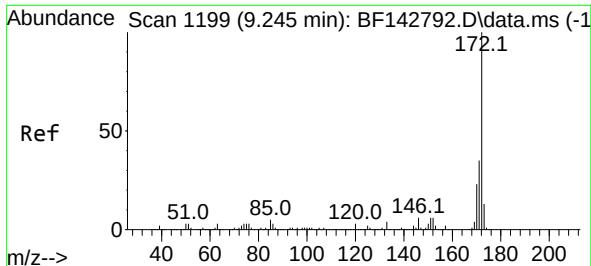
Tgt Ion:196 Resp: 185383
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.2 114.2
 200 30.1 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 43.082 ng
 RT: 9.204 min Scan# 1192
 Delta R.T. 0.006 min
 Lab File: BF142913.D
 Acq: 30 Jun 2025 12:47

Tgt Ion:196 Resp: 195355
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.6 115.0
 97 48.1 38.2 57.2
 132 29.0 23.4 35.0

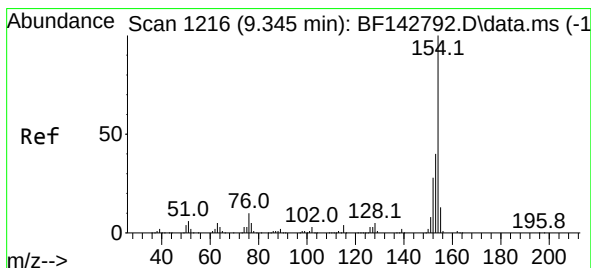
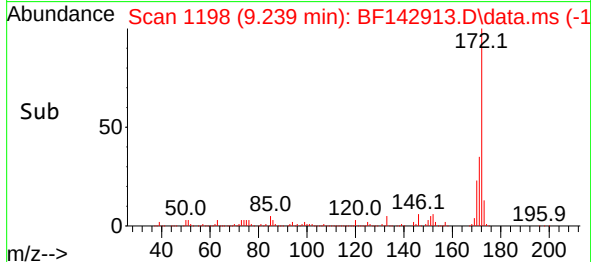
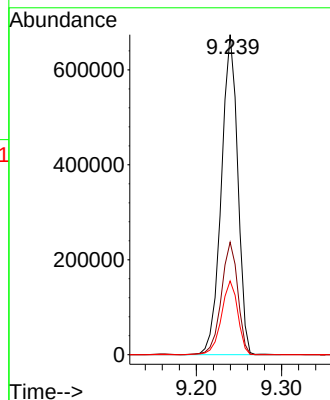
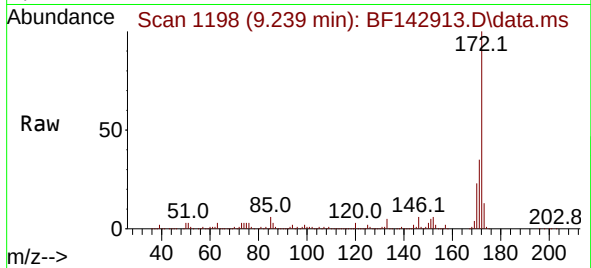




#45
2-Fluorobiphenyl
Concen: 52.849 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

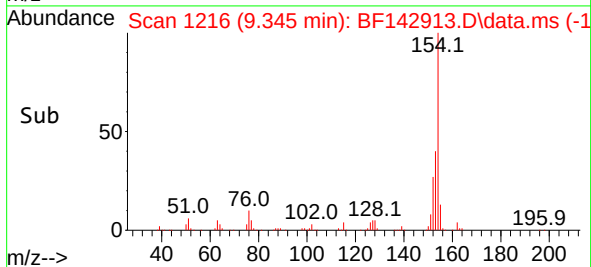
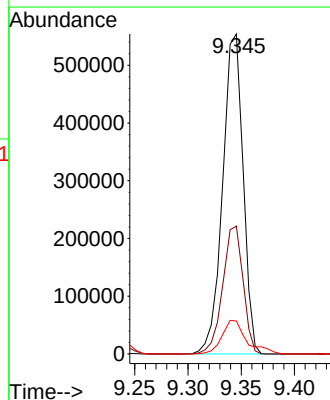
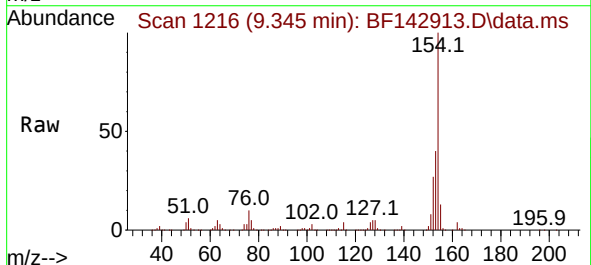
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

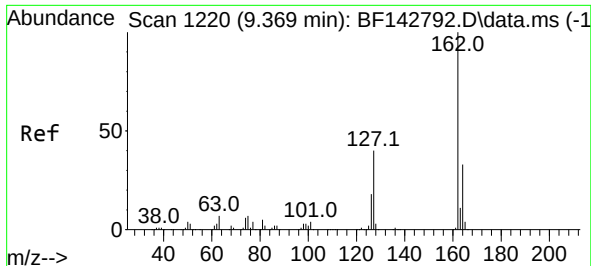
Tgt Ion:172 Resp: 901282
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.1 18.5 27.7



#46
1,1'-Biphenyl
Concen: 41.796 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion:154 Resp: 739684
Ion Ratio Lower Upper
154 100
153 39.9 20.3 60.3
76 10.3 0.0 30.3

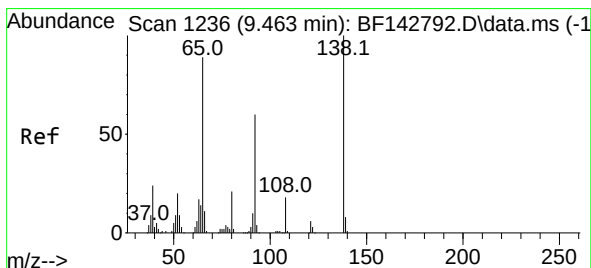
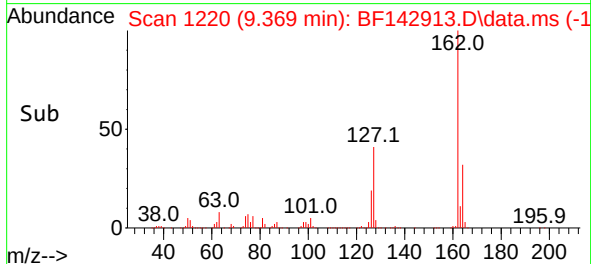
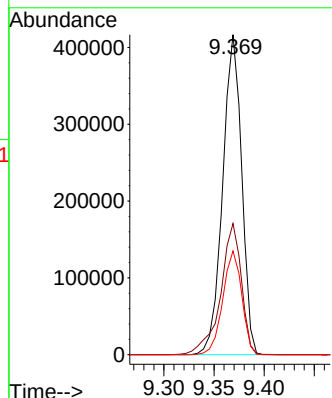
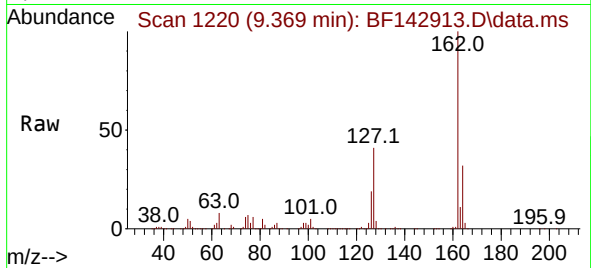




#47
2-Chloronaphthalene
Concen: 41.240 ng
RT: 9.369 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

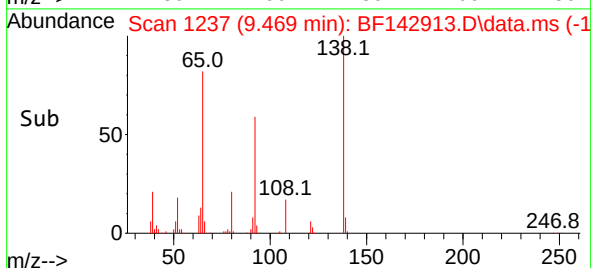
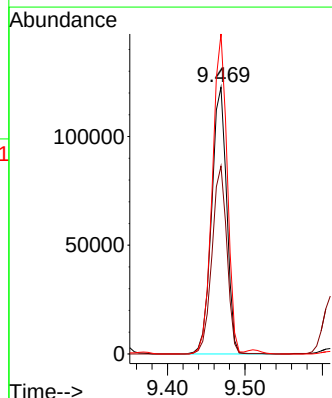
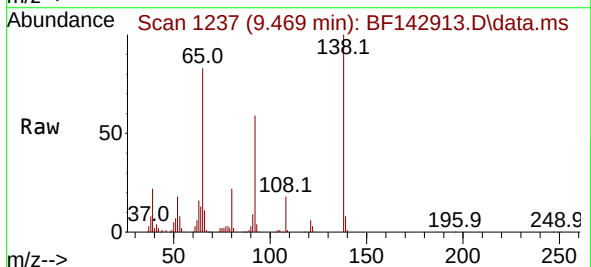
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

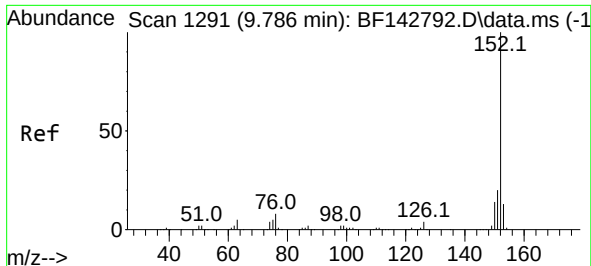
Tgt Ion:162 Resp: 547697
Ion Ratio Lower Upper
162 100
127 41.0 32.2 48.2
164 32.4 26.1 39.1



#48
2-Nitroaniline
Concen: 44.575 ng
RT: 9.469 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion: 65 Resp: 165967
Ion Ratio Lower Upper
65 100
92 70.4 53.8 80.6
138 120.0 89.6 134.4





#49

Acenaphthylene

Concen: 42.290 ng

RT: 9.787 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

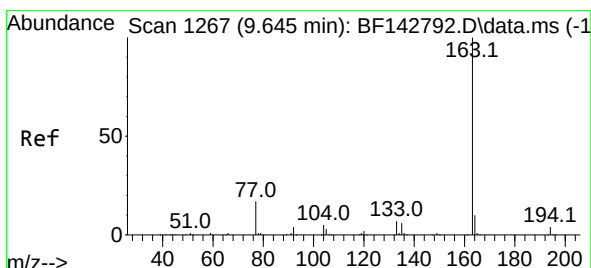
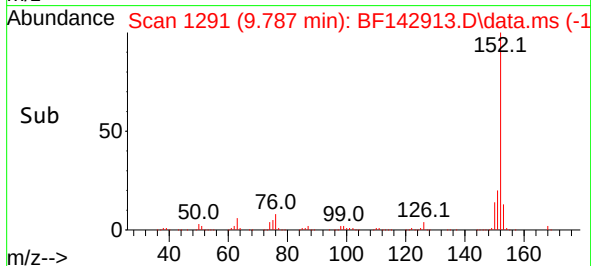
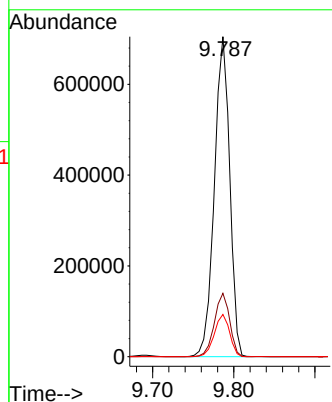
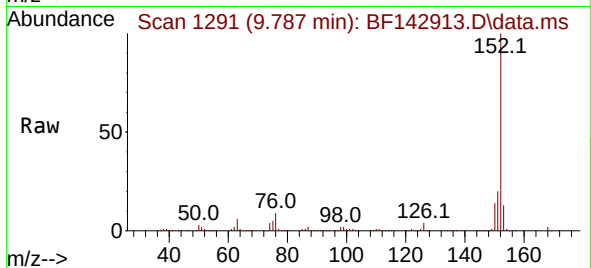
Tgt Ion:152 Resp: 924571

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 46.442 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

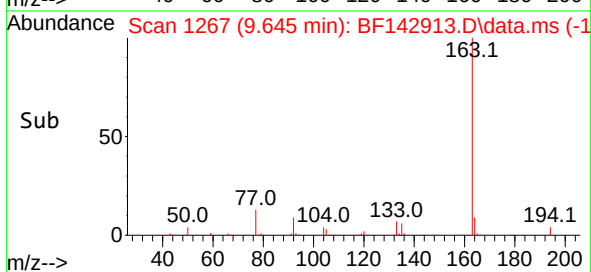
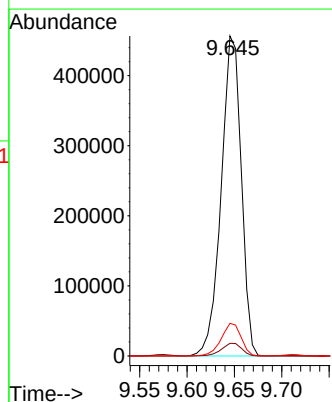
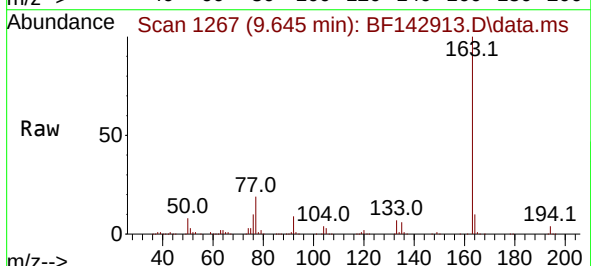
Tgt Ion:163 Resp: 673489

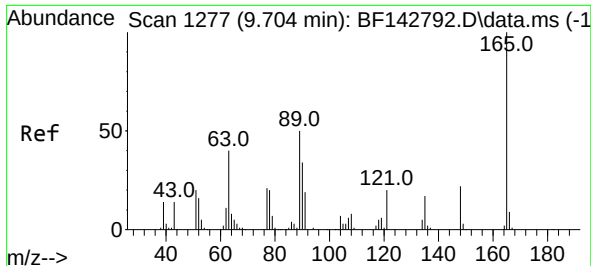
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.2 8.0 12.0

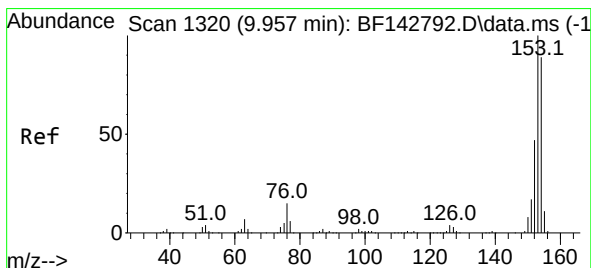
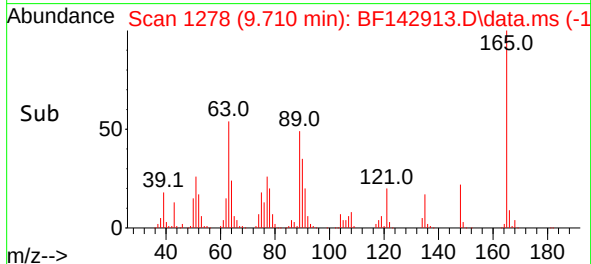
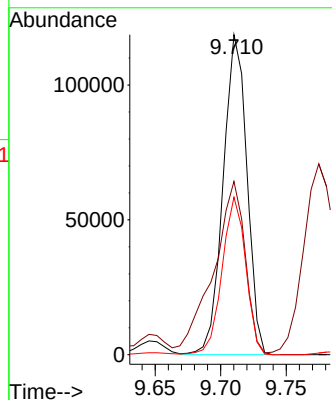
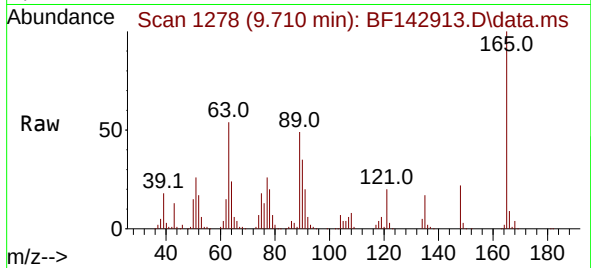




#51
2,6-Dinitrotoluene
Concen: 46.999 ng
RT: 9.710 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

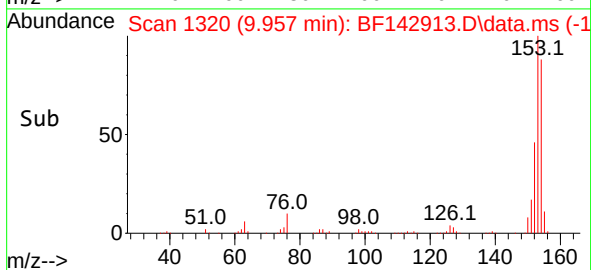
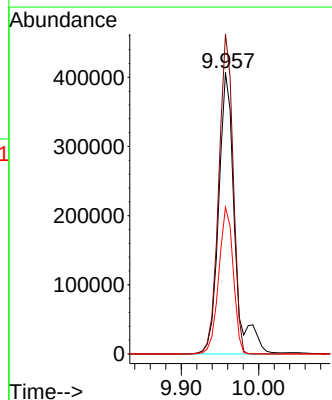
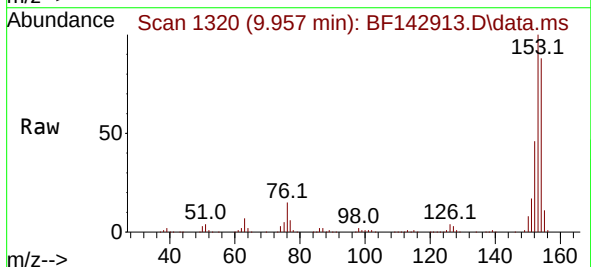
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

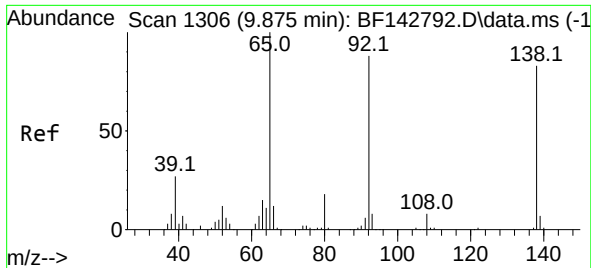
Tgt Ion:165 Resp: 149679
Ion Ratio Lower Upper
165 100
63 54.2 44.2 66.4
89 49.2 39.8 59.8



#52
Acenaphthene
Concen: 43.690 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion:154 Resp: 582777
Ion Ratio Lower Upper
154 100
153 113.7 90.0 135.0
152 52.2 41.9 62.9

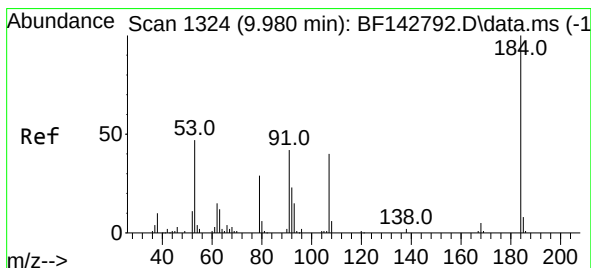
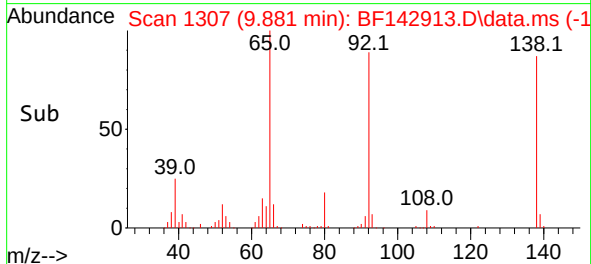
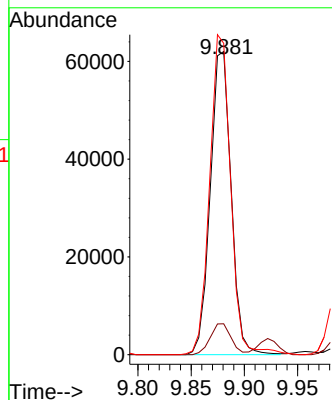
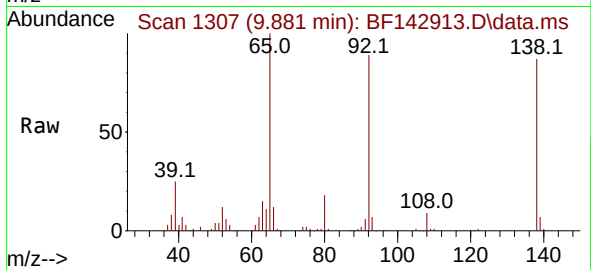




#53
3-Nitroaniline
Concen: 24.032 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

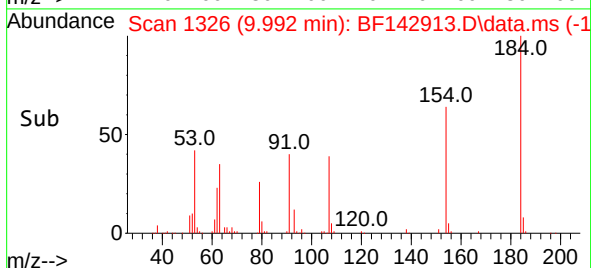
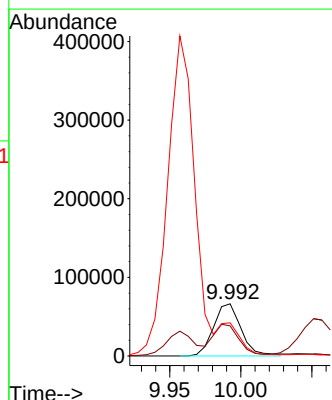
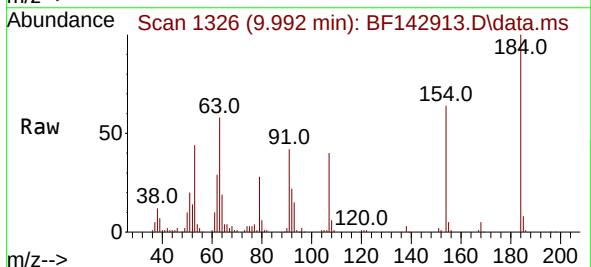
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

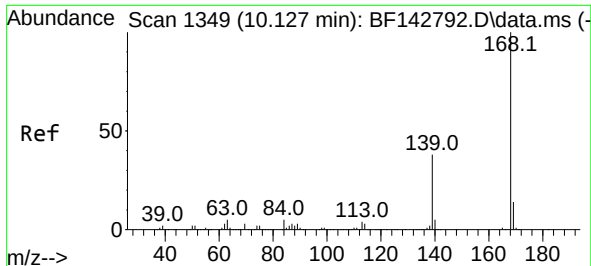
Tgt Ion:138 Resp: 84265
Ion Ratio Lower Upper
138 100
108 10.2 8.1 12.1
92 102.7 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 56.233 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion:184 Resp: 89672
Ion Ratio Lower Upper
184 100
63 57.6 50.6 75.8
154 63.7 51.8 77.8

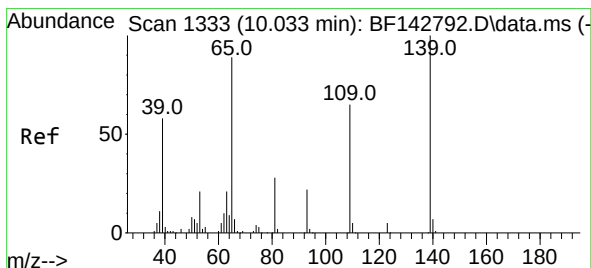
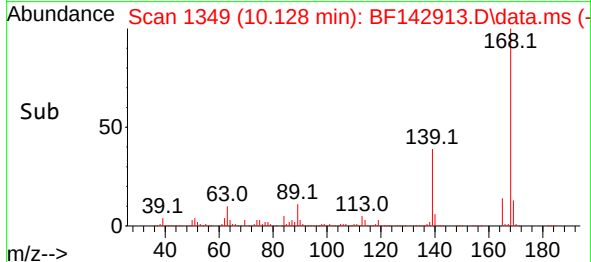
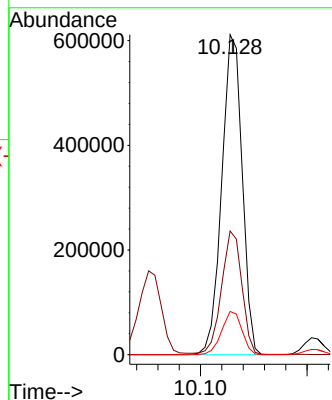
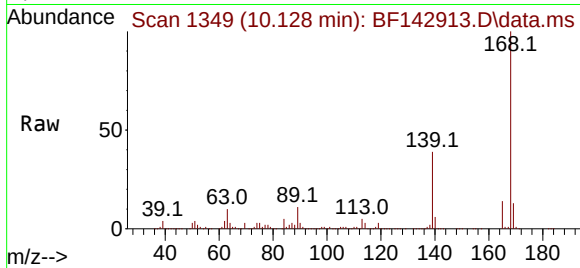




#55
Dibenzenofuran
Concen: 42.507 ng
RT: 10.128 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

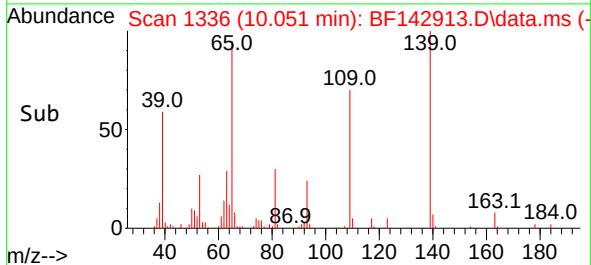
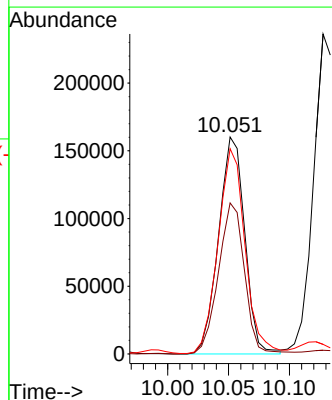
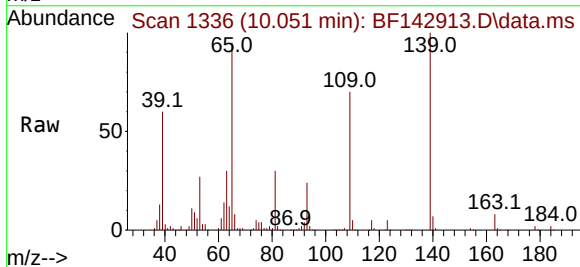
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

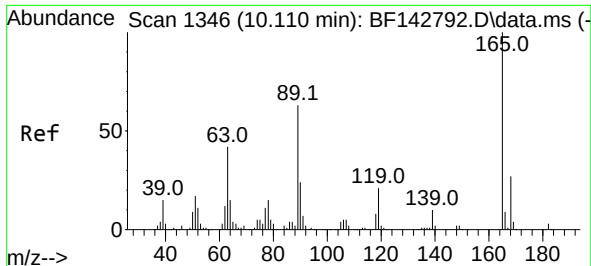
Tgt Ion:168 Resp: 813055
Ion Ratio Lower Upper
168 100
139 38.6 30.2 45.4
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 99.956 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.018 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion:139 Resp: 239944
Ion Ratio Lower Upper
139 100
109 69.6 44.7 84.7
65 94.6 69.8 109.8

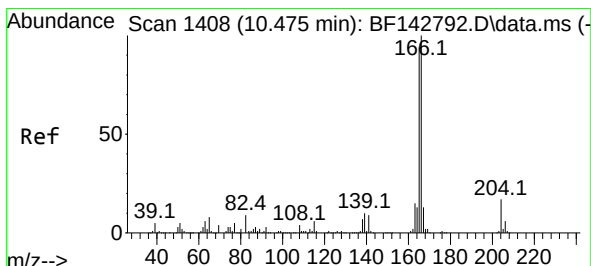
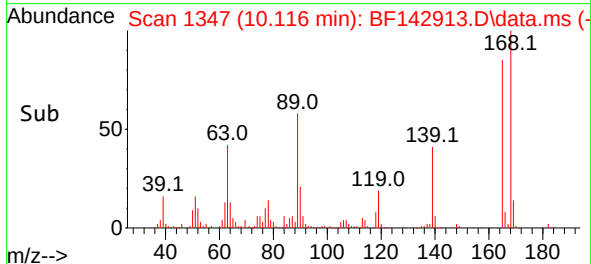
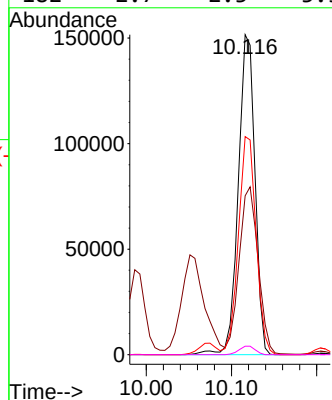
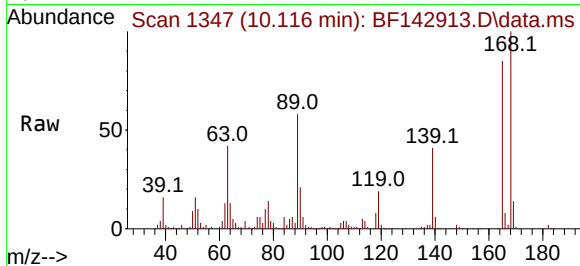




#57
2,4-Dinitrotoluene
Concen: 48.734 ng
RT: 10.116 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

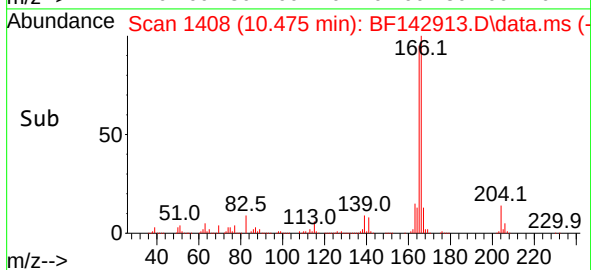
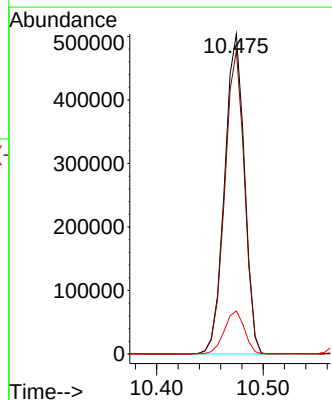
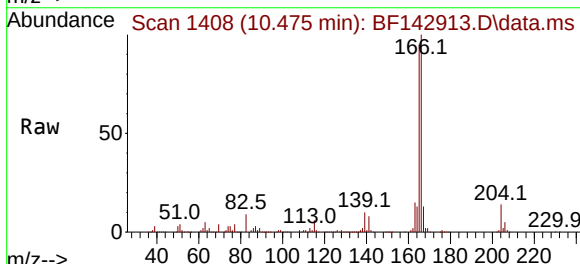
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

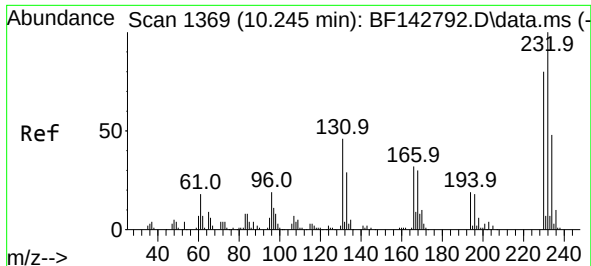
Tgt Ion:165 Resp: 206156
Ion Ratio Lower Upper
165 100
63 49.6 33.9 50.9
89 68.1 50.6 75.8
182 2.7 2.3 3.5



#58
Fluorene
Concen: 43.560 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion:166 Resp: 650722
Ion Ratio Lower Upper
166 100
165 94.9 75.2 112.8
167 13.4 10.6 15.8

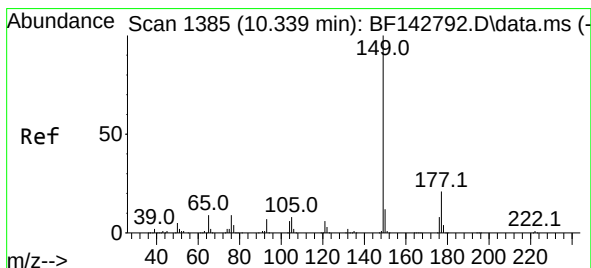
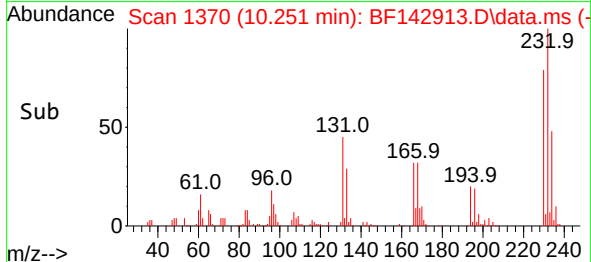
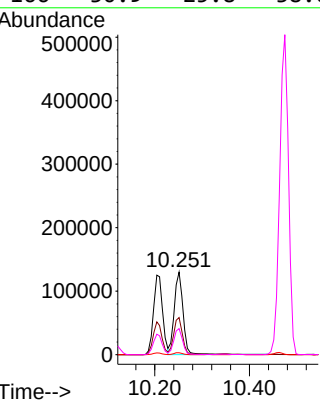
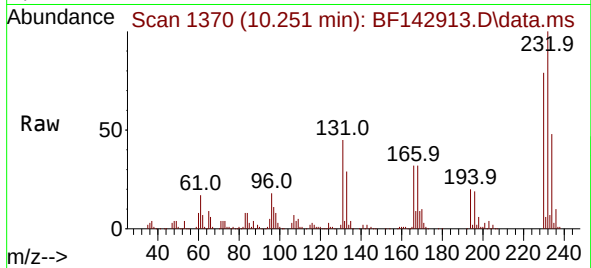




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.651 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

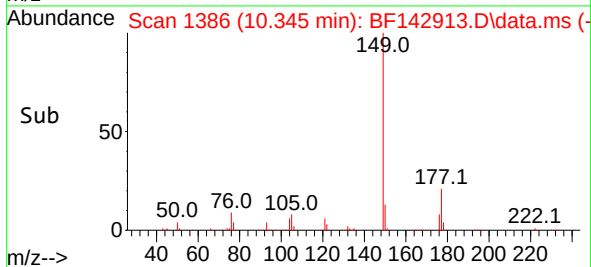
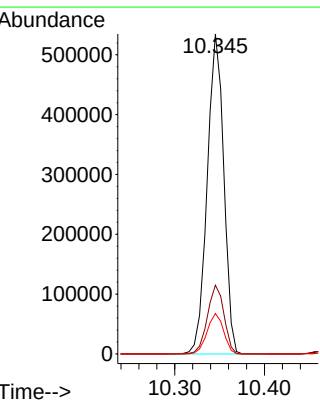
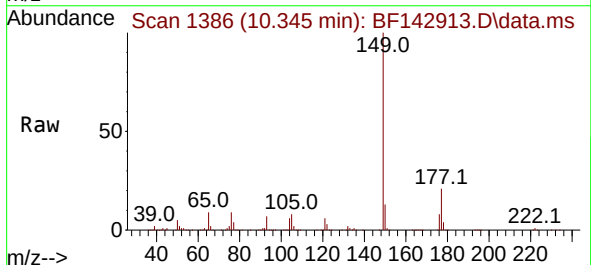
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

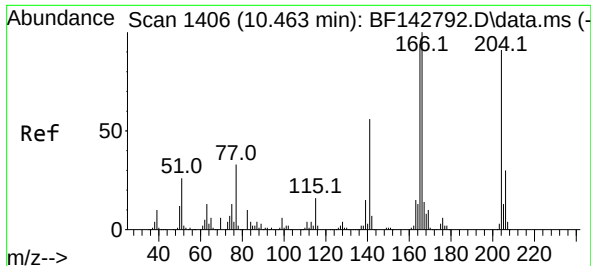
Tgt Ion:232 Resp: 166857
Ion Ratio Lower Upper
232 100
131 45.2 37.6 56.4
130 2.4 1.7 2.5
166 30.9 25.8 38.6



#60
Diethylphthalate
Concen: 48.086 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion:149 Resp: 683724
Ion Ratio Lower Upper
149 100
177 21.5 17.0 25.6
150 12.6 9.8 14.6

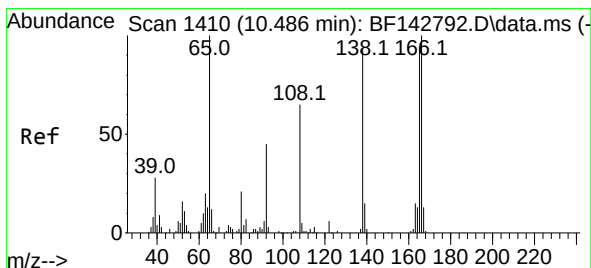
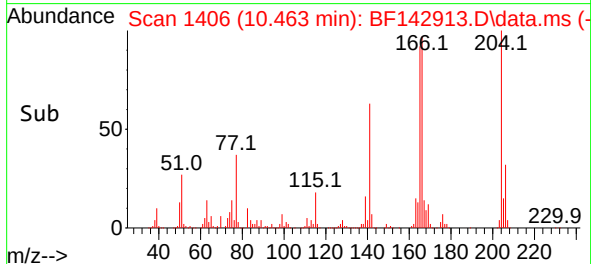
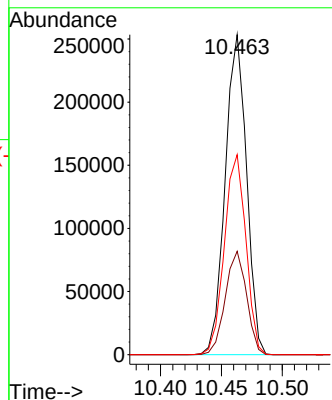
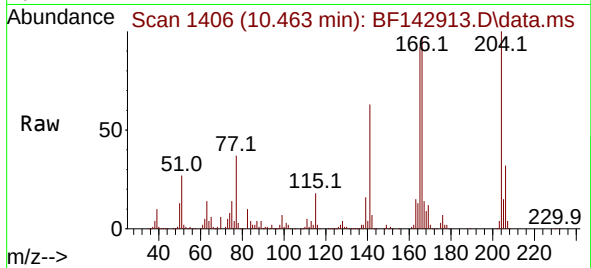




#61
4-Chlorophenyl-phenylether
Concen: 43.346 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

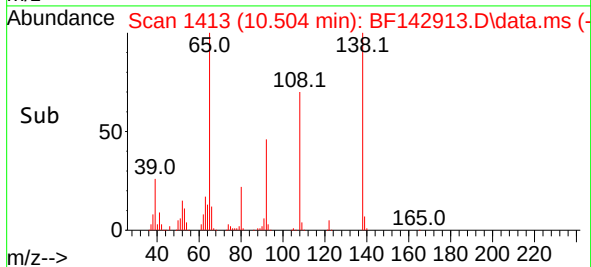
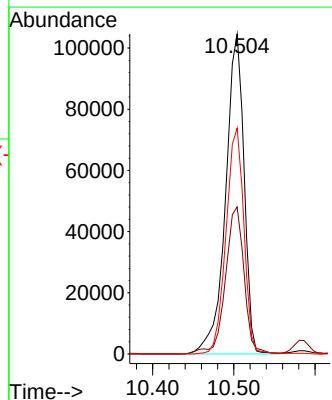
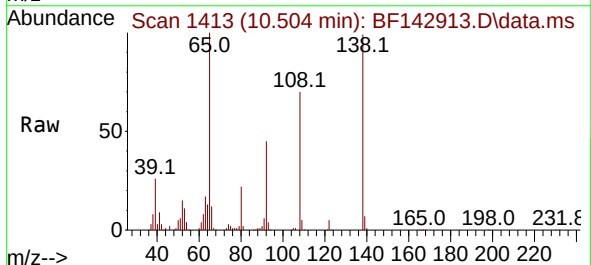
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

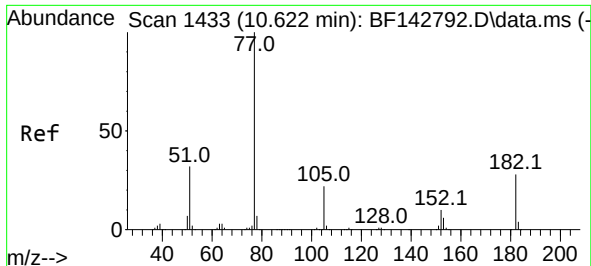
Tgt Ion:204 Resp: 308990
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 62.5 49.1 73.7



#62
4-Nitroaniline
Concen: 51.580 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.018 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion:138 Resp: 165408
Ion Ratio Lower Upper
138 100
92 45.9 28.4 68.4
108 70.6 50.2 90.2



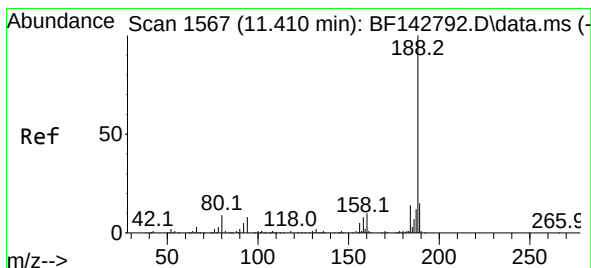
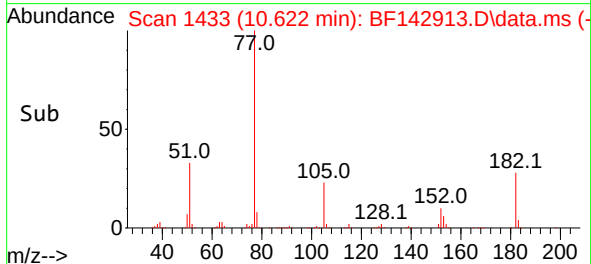
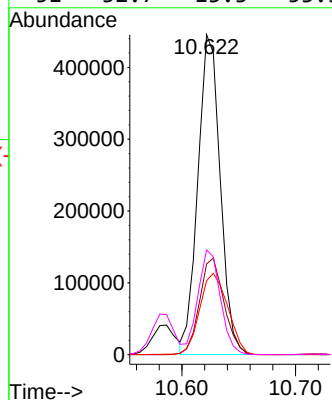
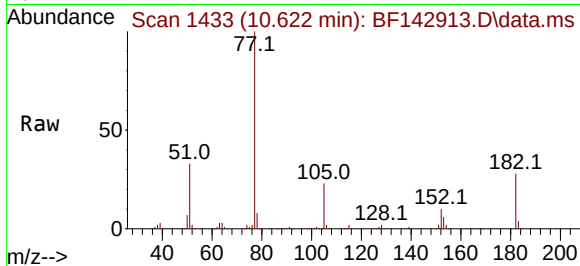


#63
Azobenzene
Concen: 47.928 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

Tgt Ion: 77 Resp: 609078

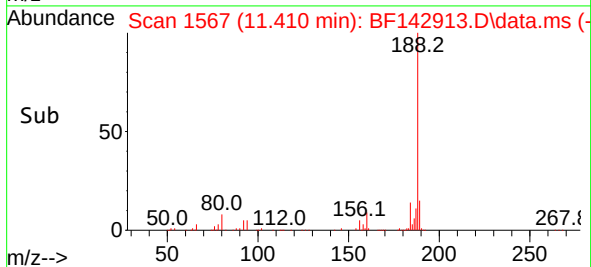
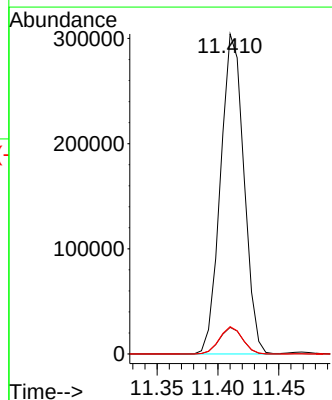
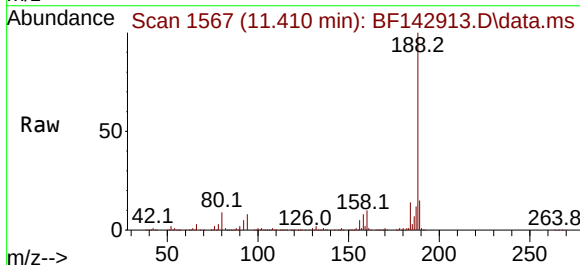
Ion	Ratio	Lower	Upper
77	100		
182	28.3	7.7	47.7
105	23.1	1.9	41.9
51	32.7	13.3	53.3

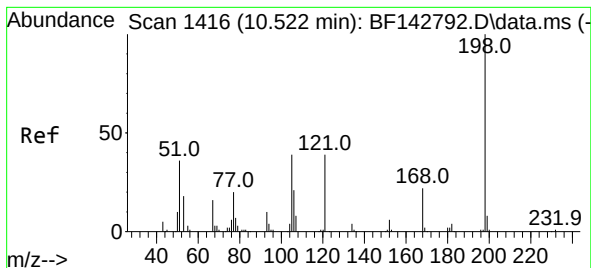


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion: 188 Resp: 406521

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	8.6	6.9	10.3

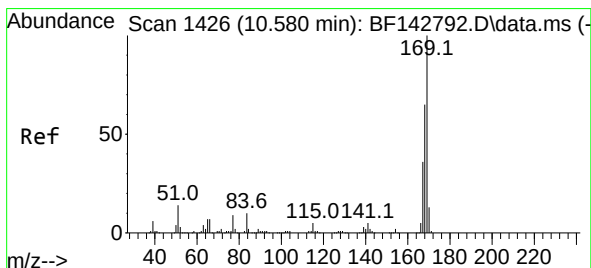
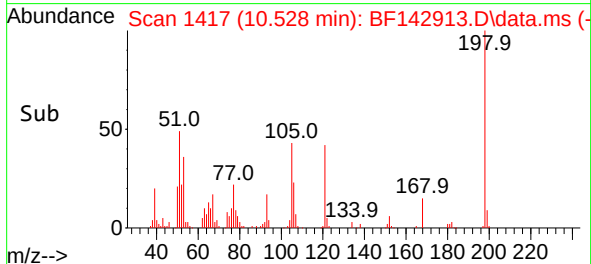
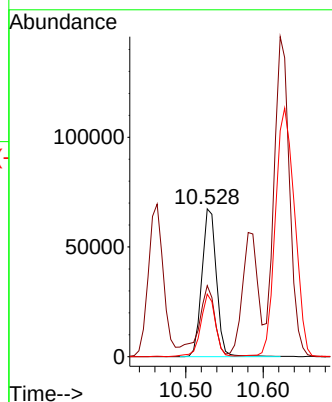
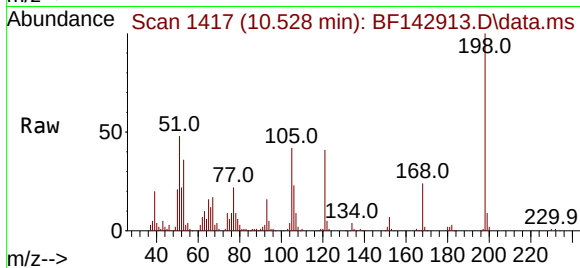




#65
4,6-Dinitro-2-methylphenol
Concen: 35.812 ng
RT: 10.528 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

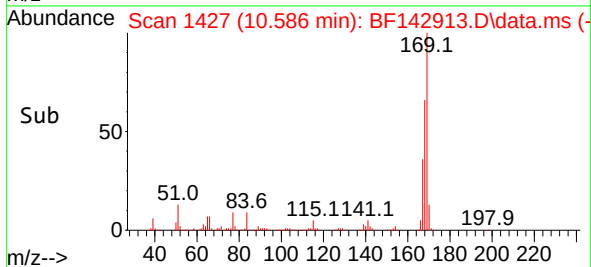
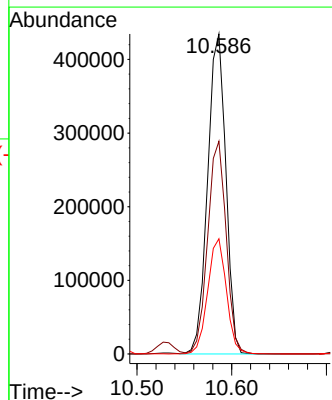
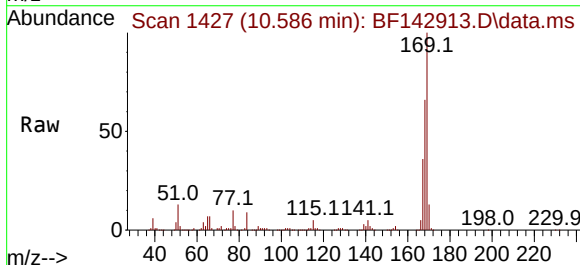
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

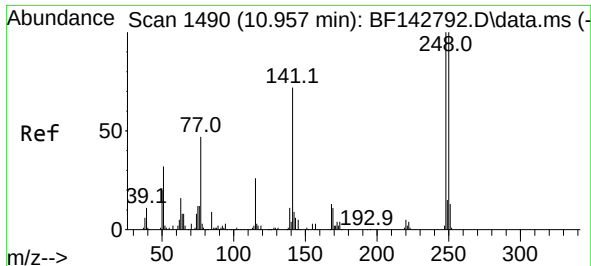
Tgt Ion:198 Resp: 88058
Ion Ratio Lower Upper
198 100
51 48.0 25.4 65.4
105 42.3 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 41.158 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion:169 Resp: 579873
Ion Ratio Lower Upper
169 100
168 66.5 51.9 77.9
167 36.0 28.5 42.7

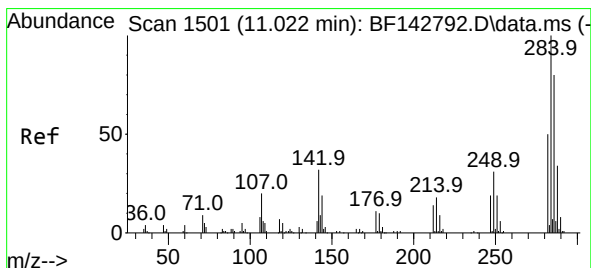
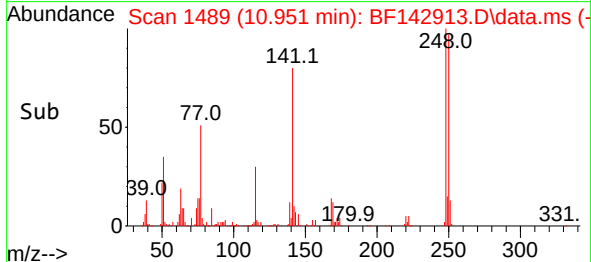
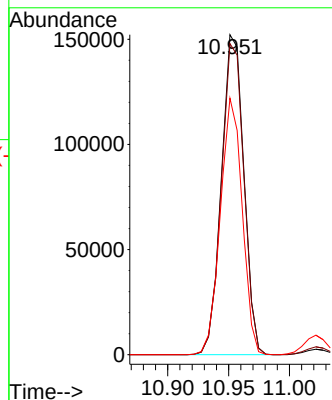
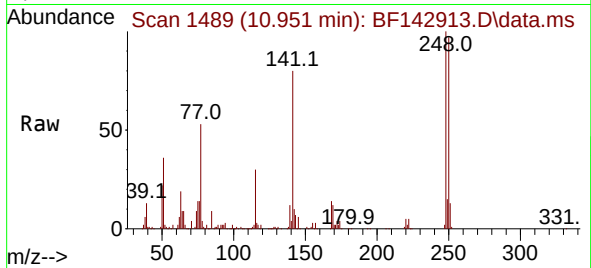




#67
4-Bromophenyl-phenylether
Concen: 42.299 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

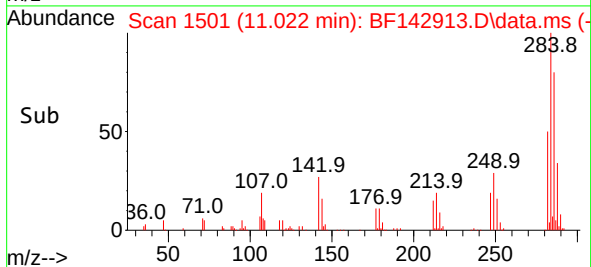
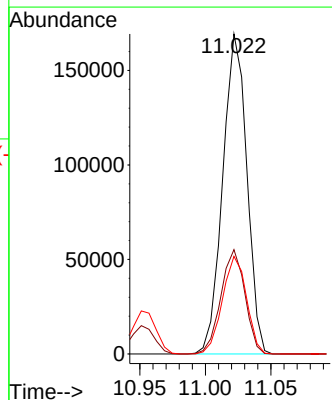
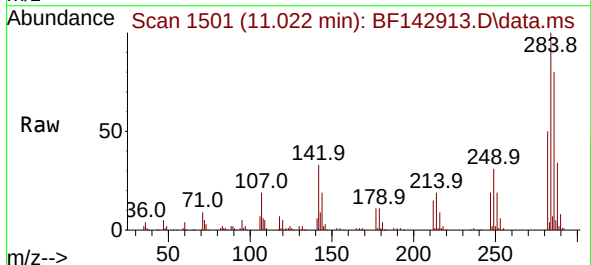
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

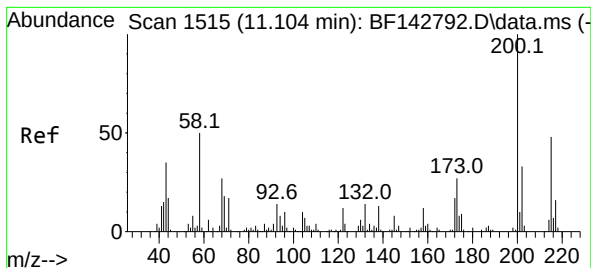
Tgt Ion:248 Resp: 195701
Ion Ratio Lower Upper
248 100
250 97.2 79.8 119.8
141 80.2 57.8 86.6



#68
Hexachlorobenzene
Concen: 42.101 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion:284 Resp: 216438
Ion Ratio Lower Upper
284 100
142 32.6 25.5 38.3
249 30.5 24.9 37.3





#69

Atrazine

Concen: 53.756 ng

RT: 11.116 min Scan# 1517

Delta R.T. 0.012 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

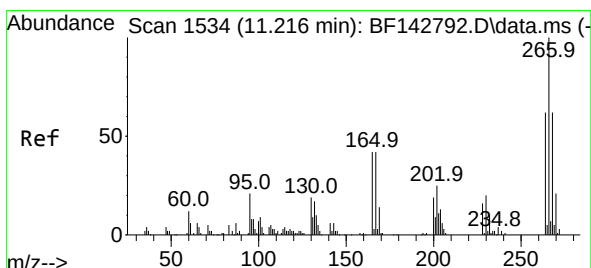
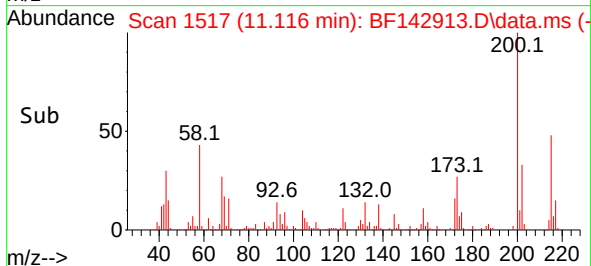
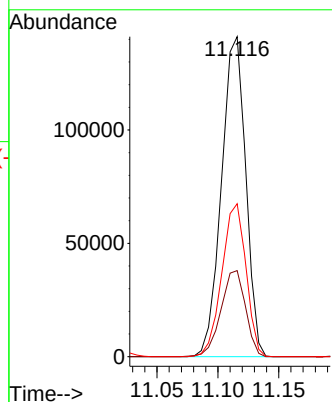
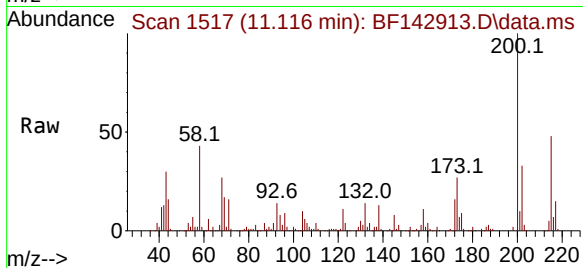
Tgt Ion:200 Resp: 195576

Ion Ratio Lower Upper

200 100

173 26.9 7.4 47.4

215 47.8 28.4 68.4



#70

Pentachlorophenol

Concen: 81.340 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.006 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

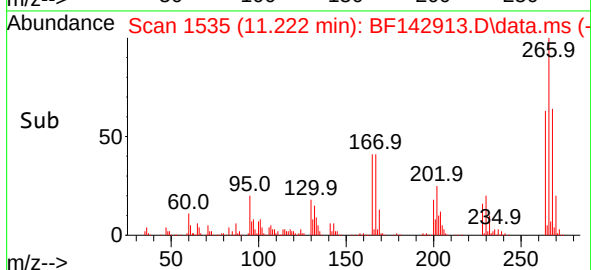
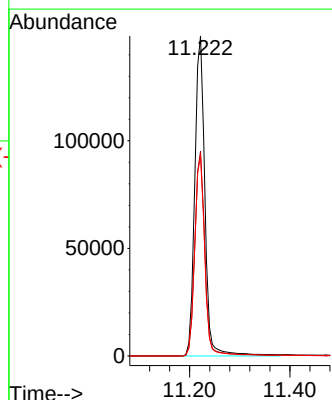
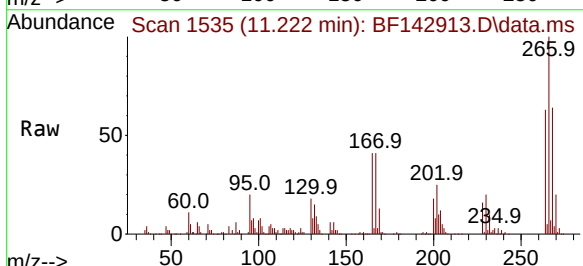
Tgt Ion:266 Resp: 208370

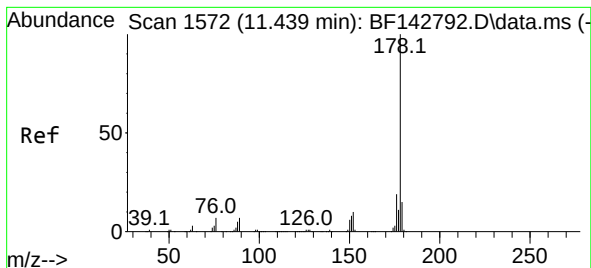
Ion Ratio Lower Upper

266 100

268 64.0 49.8 74.8

264 62.6 49.9 74.9





#71

Phenanthrene

Concen: 42.479 ng

RT: 11.439 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

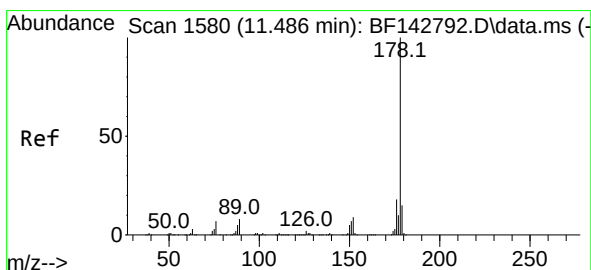
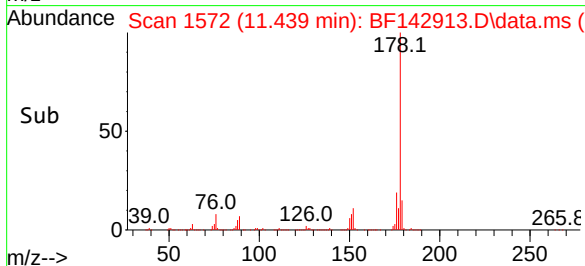
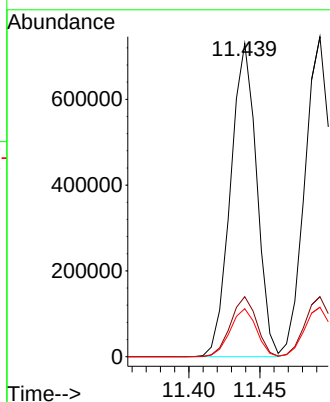
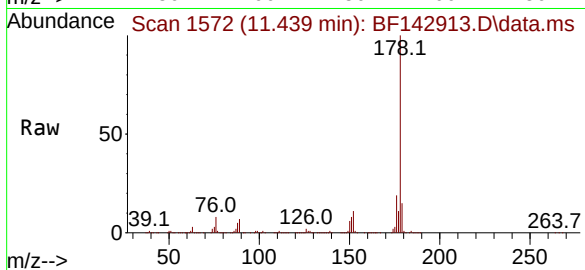
Tgt Ion:178 Resp: 935430

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

179 15.3 12.0 18.0



#72

Anthracene

Concen: 42.474 ng

RT: 11.492 min Scan# 1581

Delta R.T. 0.006 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

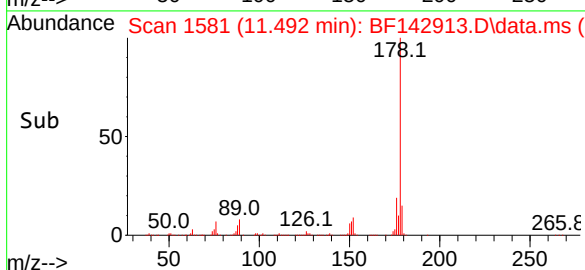
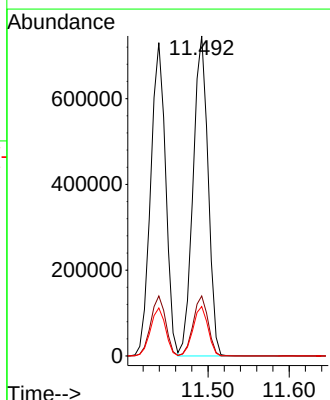
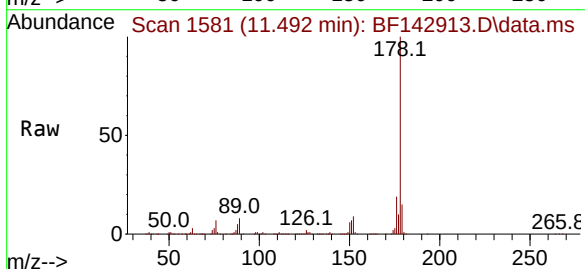
Tgt Ion:178 Resp: 959273

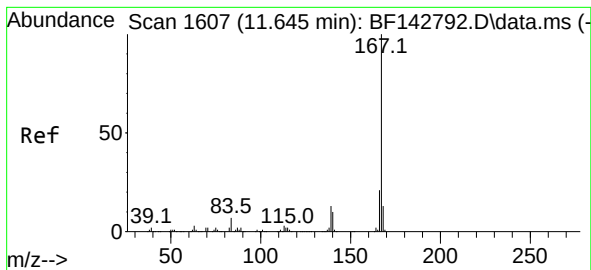
Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

179 15.5 12.4 18.6





#73

Carbazole

Concen: 46.559 ng

RT: 11.645 min Scan# 1607

Delta R.T. 0.000 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

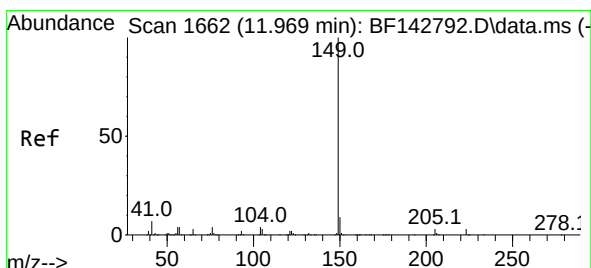
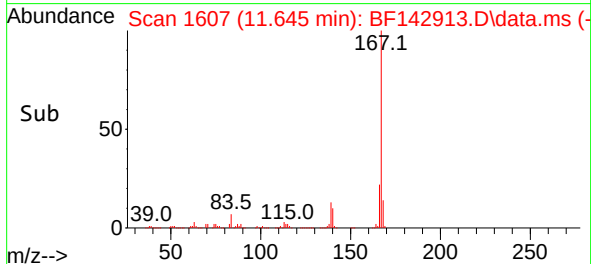
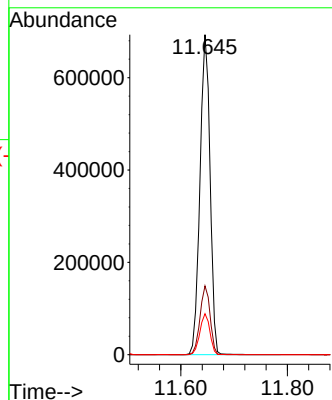
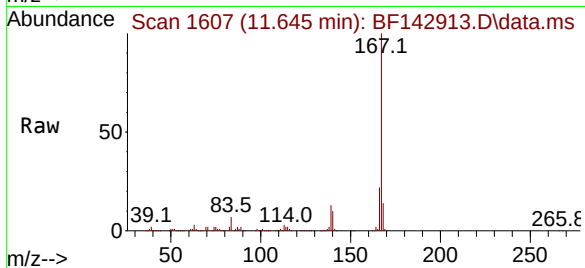
Tgt Ion:167 Resp: 907425

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.4

139 12.8 10.2 15.2



#74

Di-n-butylphthalate

Concen: 54.778 ng

RT: 11.969 min Scan# 1662

Delta R.T. 0.000 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

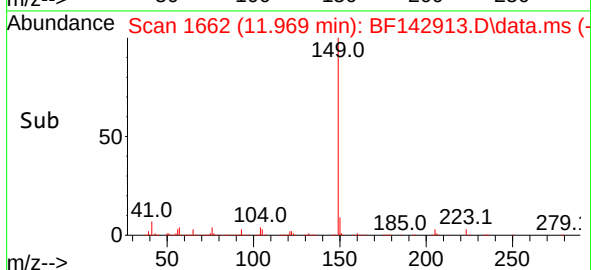
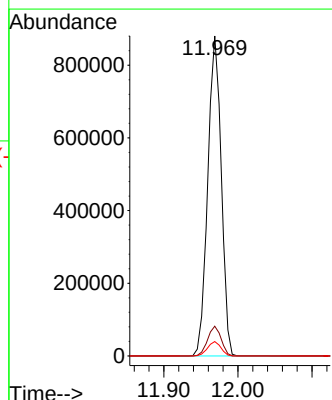
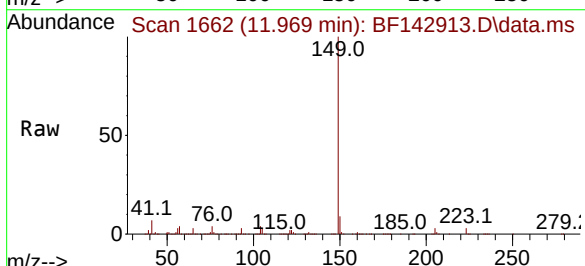
Tgt Ion:149 Resp: 1112189

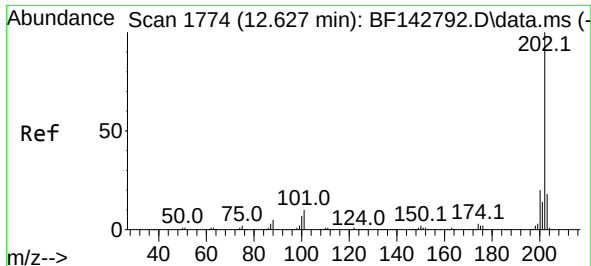
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 4.5 3.5 5.3

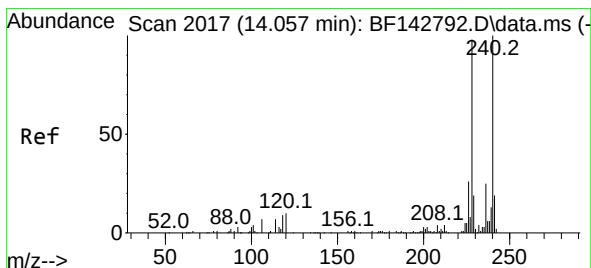
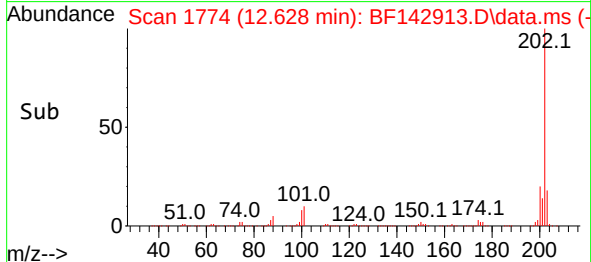
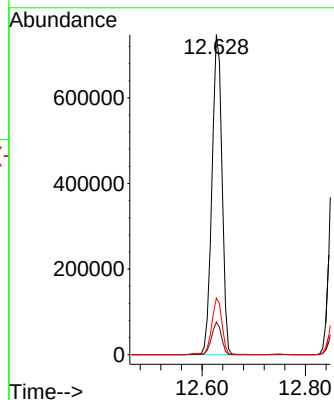
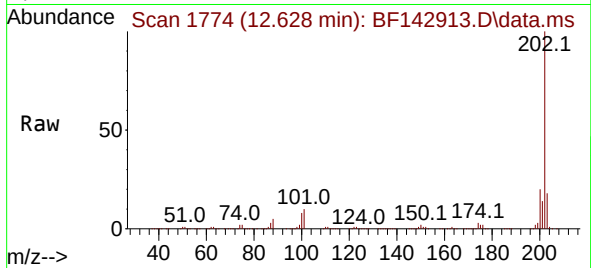




#75
Fluoranthene
Concen: 48.187 ng
RT: 12.628 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

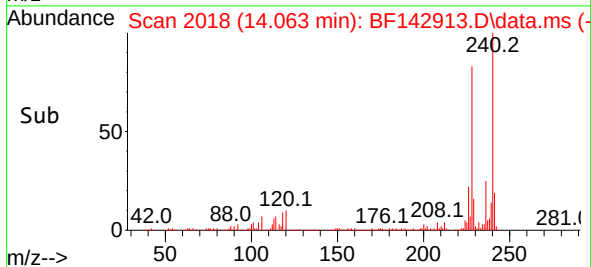
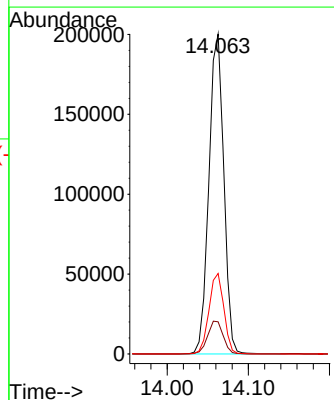
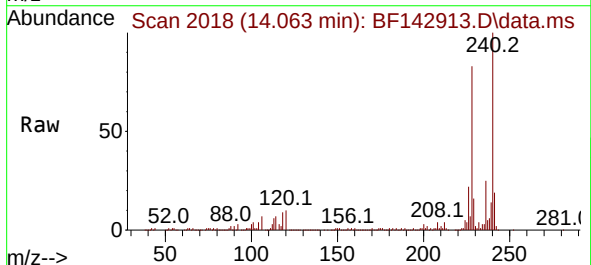
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

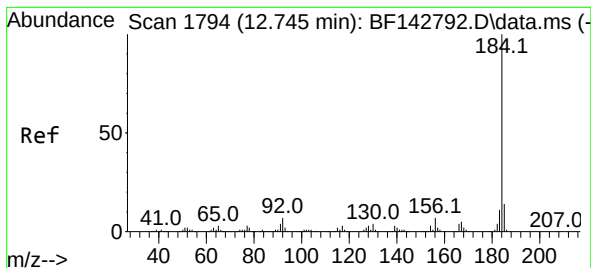
Tgt Ion:202 Resp: 1007079
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.7
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion:240 Resp: 254962
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 25.2 19.8 29.8





#77

Benzidine

Concen: 26.703 ng

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

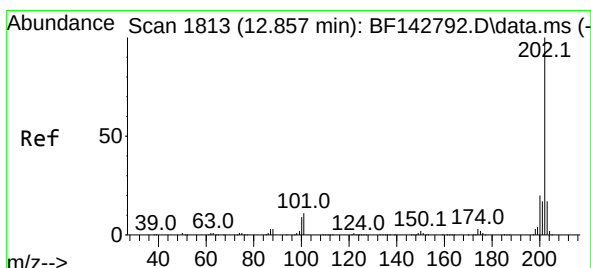
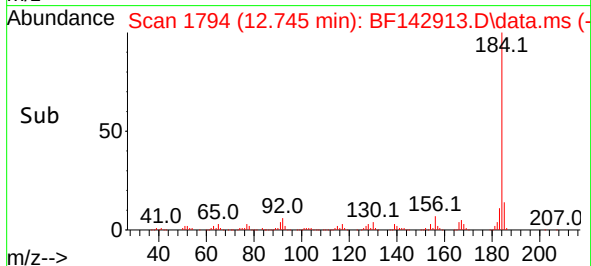
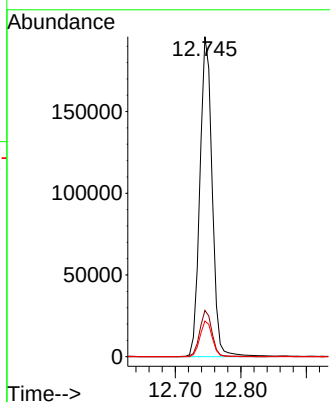
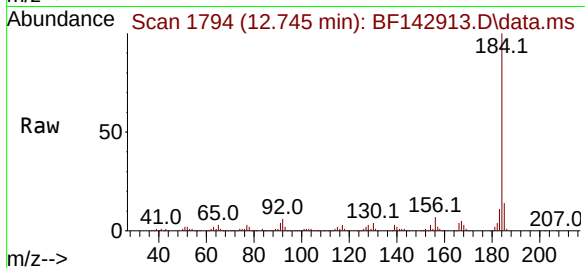
Tgt Ion:184 Resp: 255791

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

183 11.1 9.0 13.4



#78

Pyrene

Concen: 42.151 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

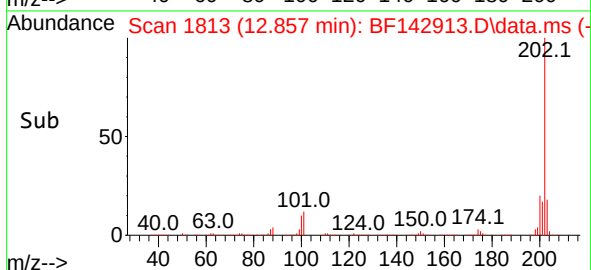
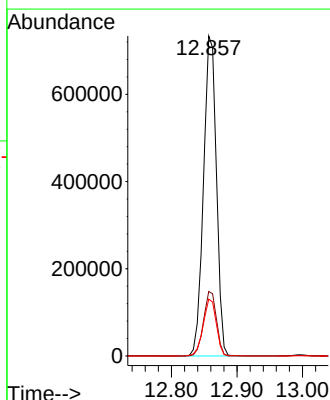
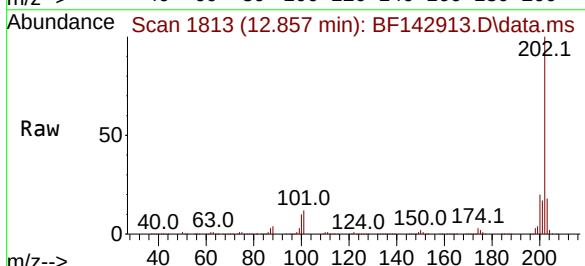
Tgt Ion:202 Resp: 1007355

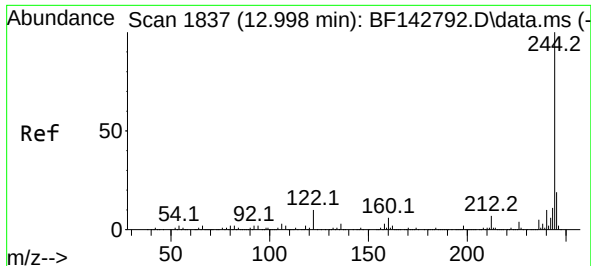
Ion Ratio Lower Upper

202 100

200 20.2 15.7 23.5

203 17.7 13.8 20.6

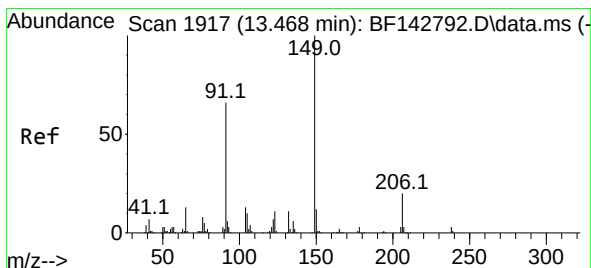
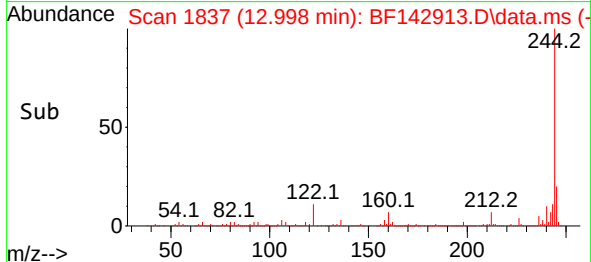
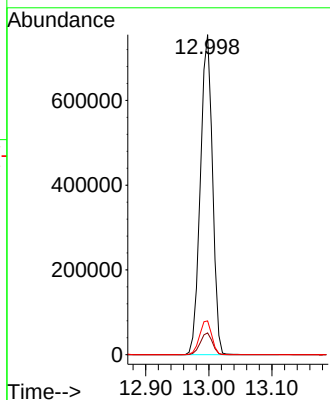
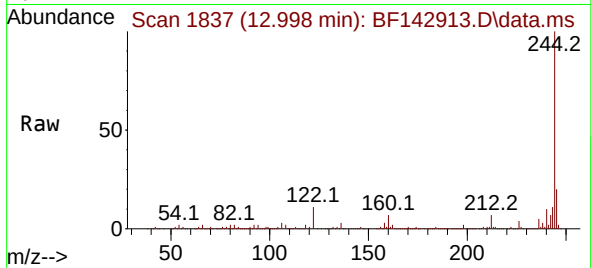




#79
 Terphenyl-d14
 Concen: 54.468 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF142913.D
 Acq: 30 Jun 2025 12:47

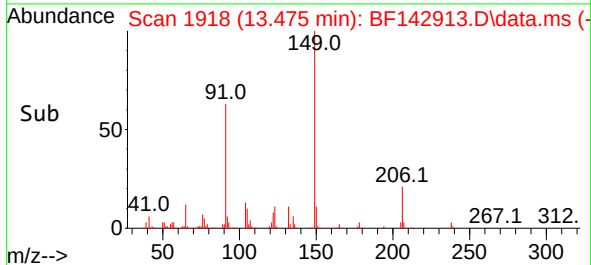
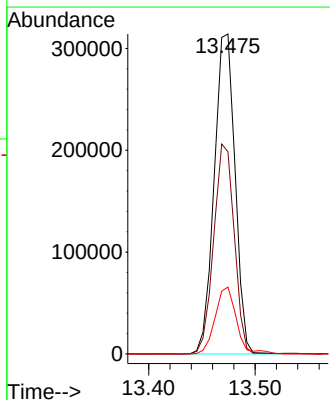
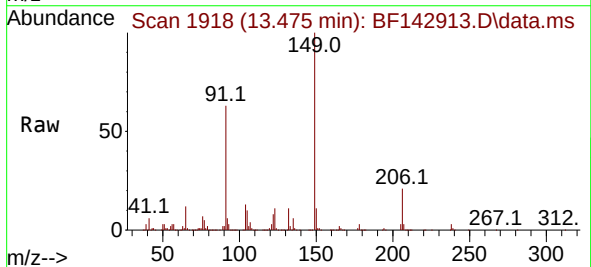
Instrument :
 BNA_F
 ClientSampleId :
 MH-E/FMS

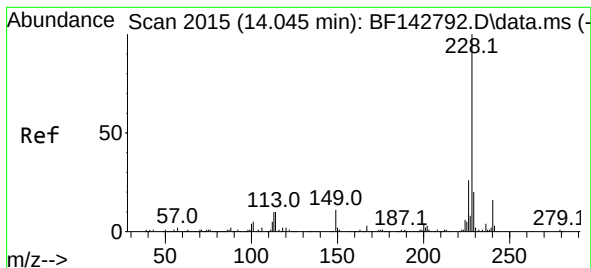
Tgt Ion:244 Resp: 1005076
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.5 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 61.625 ng
 RT: 13.475 min Scan# 1918
 Delta R.T. 0.006 min
 Lab File: BF142913.D
 Acq: 30 Jun 2025 12:47

Tgt Ion:149 Resp: 427208
 Ion Ratio Lower Upper
 149 100
 91 63.2 52.9 79.3
 206 20.9 16.3 24.5





#81

Benzo(a)anthracene

Concen: 44.594 ng

RT: 14.051 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

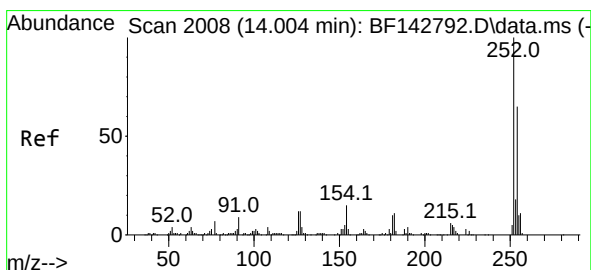
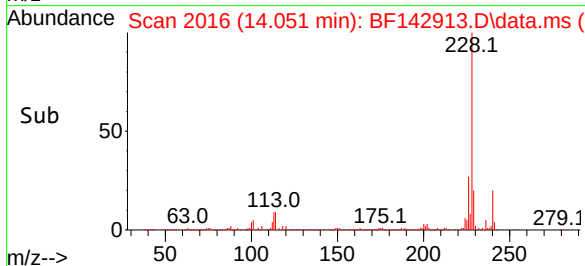
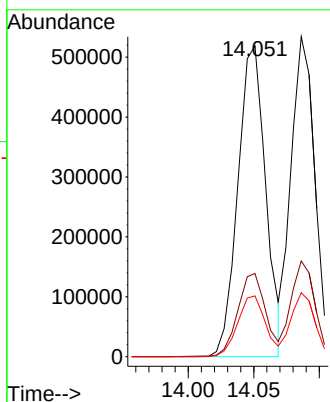
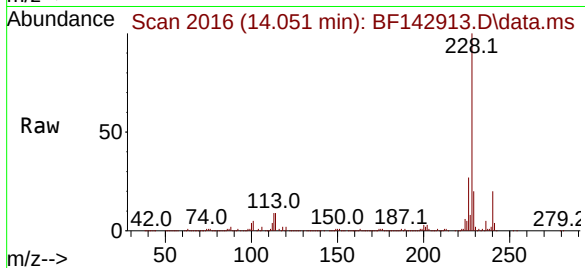
Tgt Ion:228 Resp: 767013

Ion Ratio Lower Upper

228 100

226 26.8 21.2 31.8

229 19.5 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 13.160 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.006 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

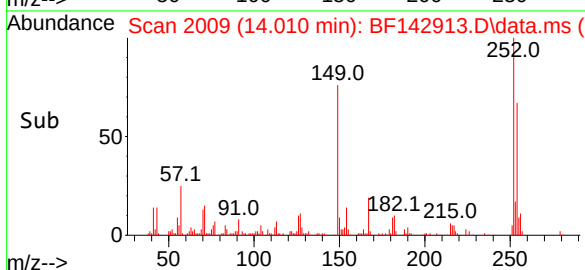
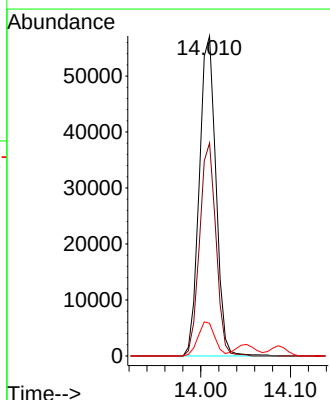
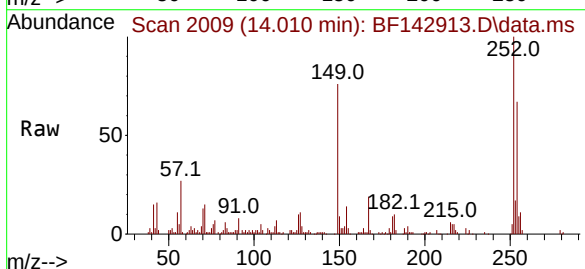
Tgt Ion:252 Resp: 73417

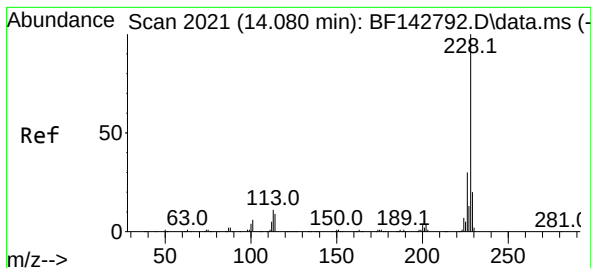
Ion Ratio Lower Upper

252 100

254 66.6 51.7 77.5

126 10.2 9.4 14.2





#83

Chrysene

Concen: 43.863 ng

RT: 14.086 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

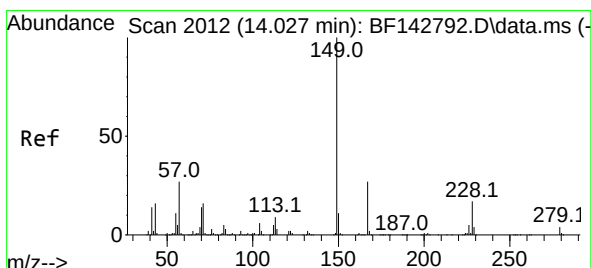
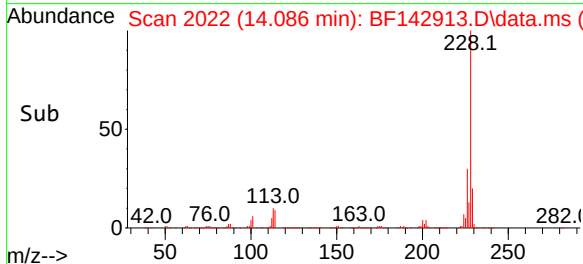
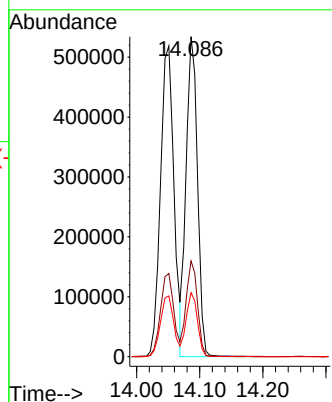
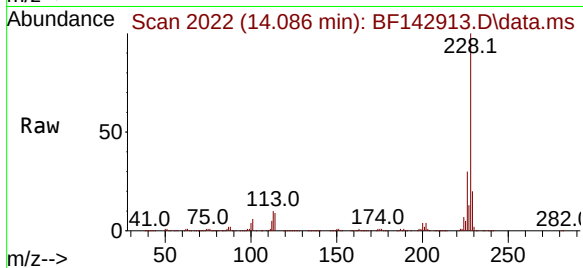
Tgt Ion:228 Resp: 673206

Ion Ratio Lower Upper

228 100

226 29.9 23.7 35.5

229 20.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.975 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

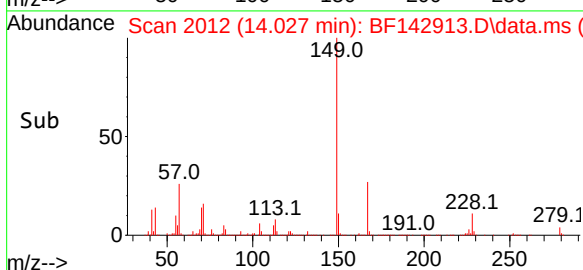
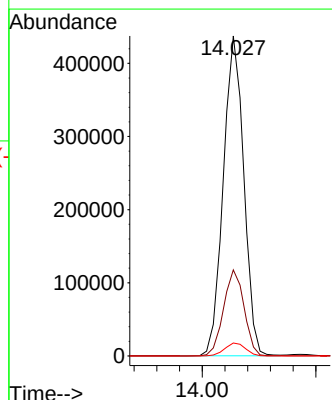
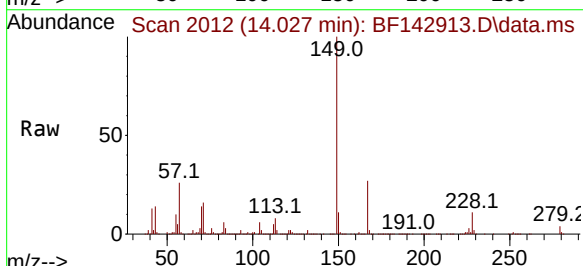
Tgt Ion:149 Resp: 548324

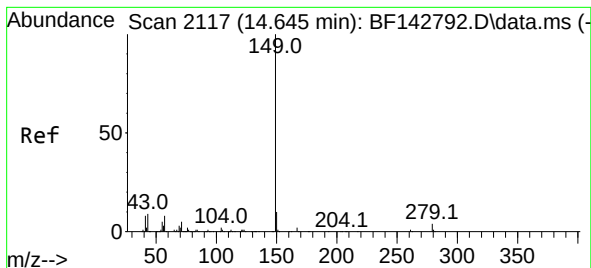
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 42.244 ng

RT: 14.645 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

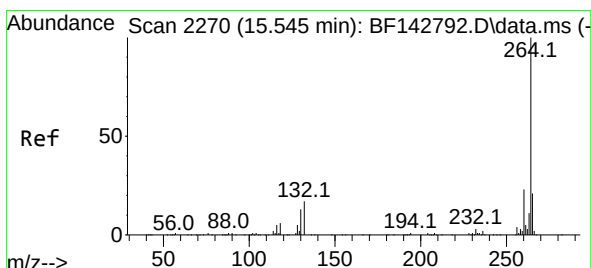
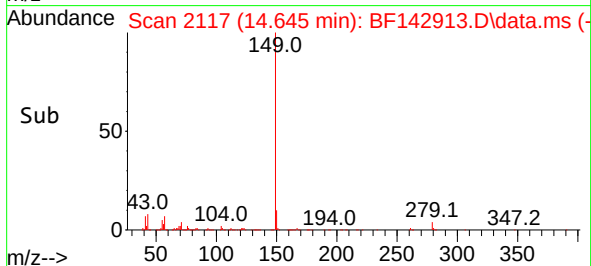
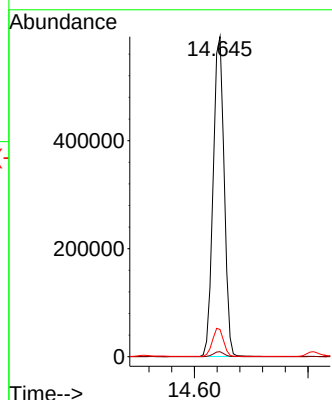
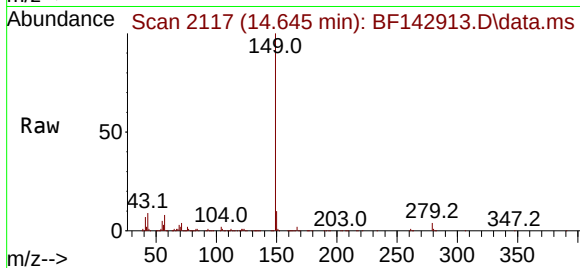
Tgt Ion:149 Resp: 794510

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.8 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

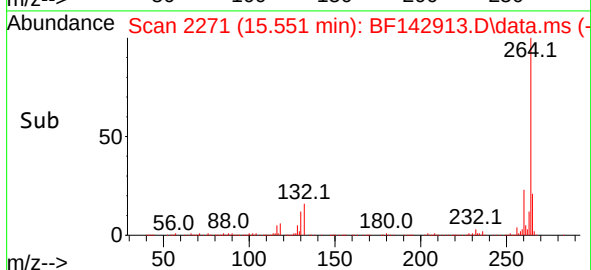
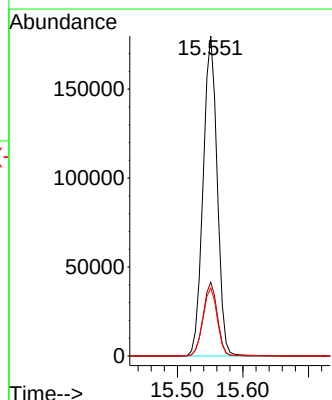
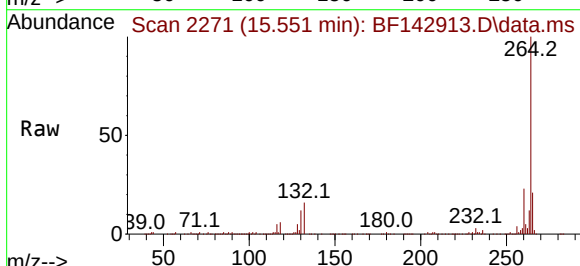
Tgt Ion:264 Resp: 269034

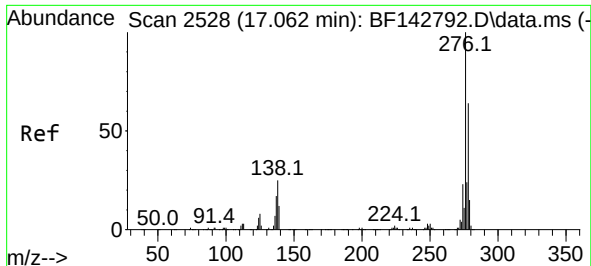
Ion Ratio Lower Upper

264 100

260 23.0 18.1 27.1

265 21.3 16.6 25.0

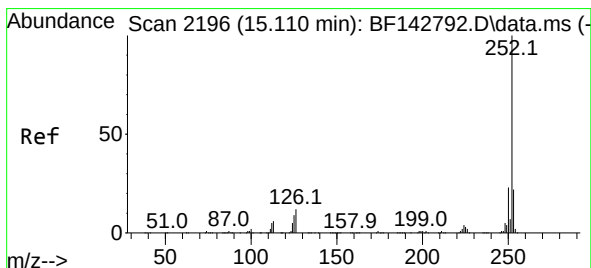
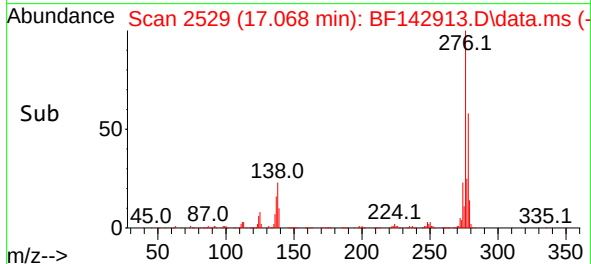
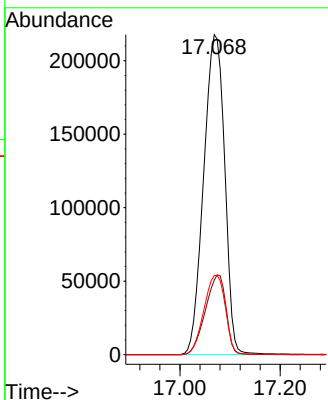
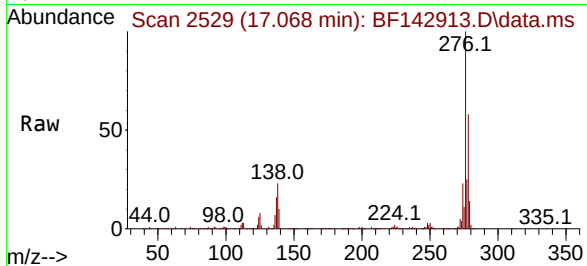




#87
Indeno(1,2,3-cd)pyrene
Concen: 30.938 ng
RT: 17.068 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

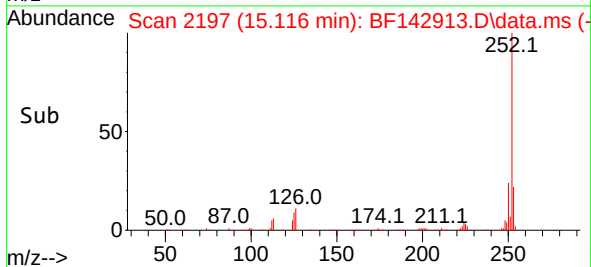
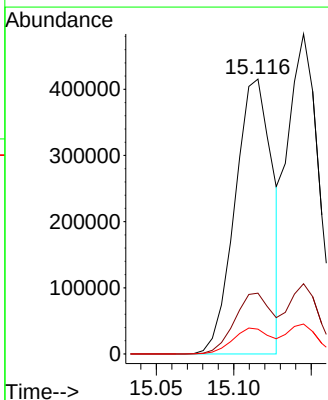
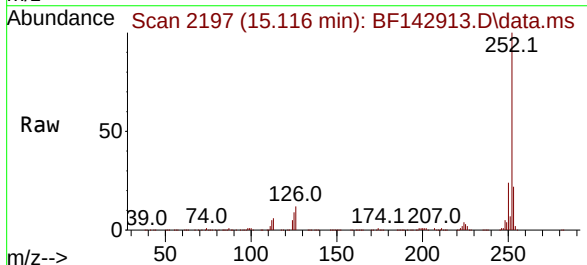
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

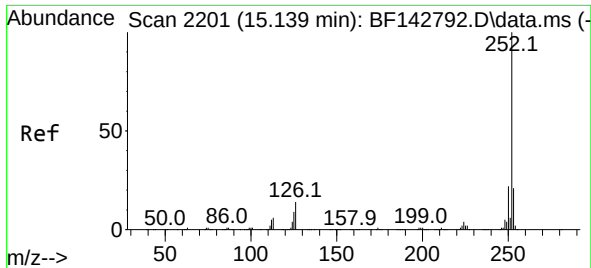
Tgt Ion:276 Resp: 633989
Ion Ratio Lower Upper
276 100
138 24.6 20.2 30.4
277 25.3 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 44.746 ng
RT: 15.116 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion:252 Resp: 696579
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.0 7.4 11.0

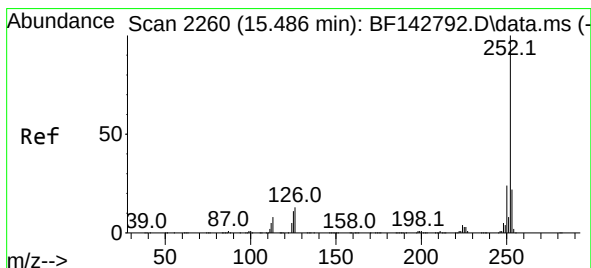
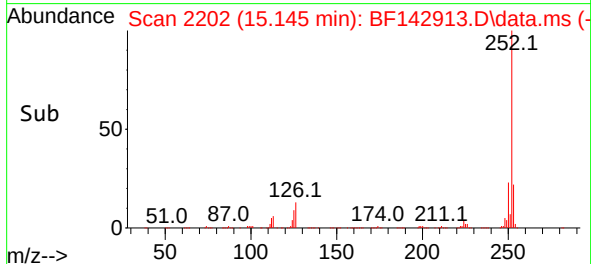
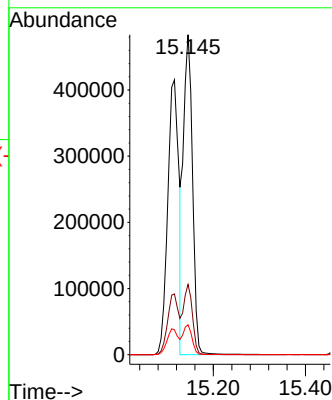
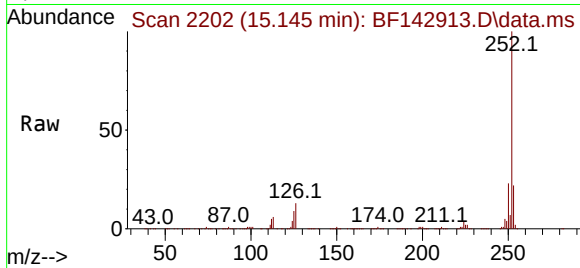




#89
Benzo(k)fluoranthene
Concen: 45.806 ng
RT: 15.145 min Scan# 2201
Delta R.T. 0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

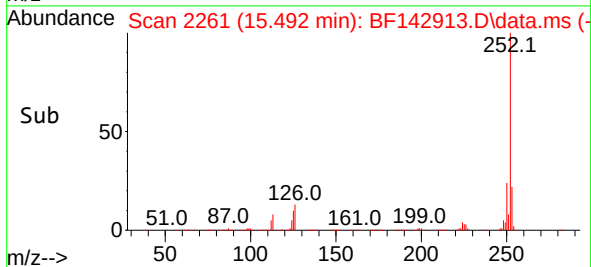
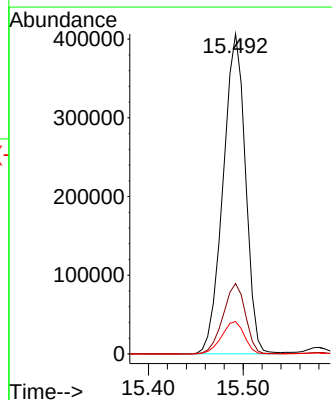
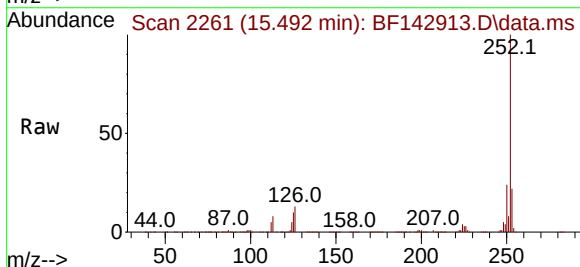
Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

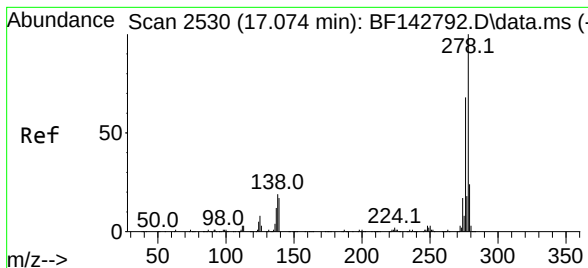
Tgt Ion:252 Resp: 667147
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 9.4 7.4 11.2



#90
Benzo(a)pyrene
Concen: 44.303 ng
RT: 15.492 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BF142913.D
Acq: 30 Jun 2025 12:47

Tgt Ion:252 Resp: 666285
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.2 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 31.704 ng

RT: 17.086 min Scan# 2532

Delta R.T. 0.012 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MH-E/FMS

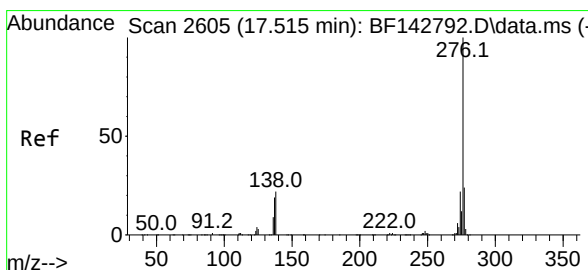
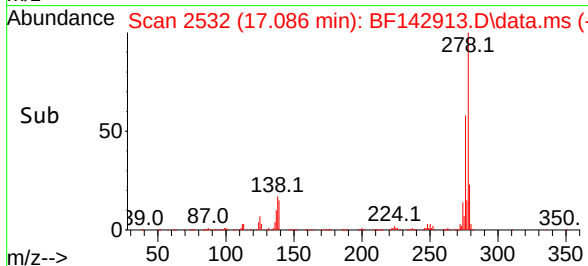
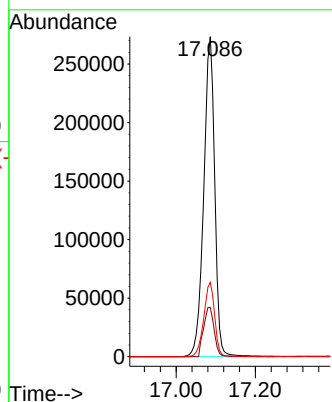
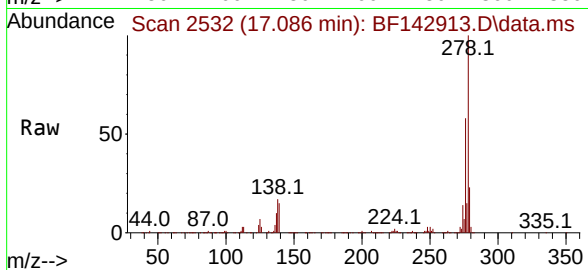
Tgt Ion:278 Resp: 527882

Ion Ratio Lower Upper

278 100

139 15.4 13.5 20.3

279 23.2 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 26.518 ng

RT: 17.521 min Scan# 2606

Delta R.T. 0.006 min

Lab File: BF142913.D

Acq: 30 Jun 2025 12:47

Tgt Ion:276 Resp: 440277

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 21.3 17.6 26.4

