

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062325\
 Data File : BF142809.D
 Acq On : 23 Jun 2025 16:44
 Operator : RC/JU
 Sample : Q2389-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-J-IMSD

Quant Time: Jun 24 06:43:10 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	71253	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	261542	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	137075	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	215505	20.000	ng	0.00
76) Chrysene-d12	14.057	240	125495	20.000	ng	0.00
86) Perylene-d12	15.545	264	161231	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	261754	61.162	ng	0.00
7) Phenol-d6	6.504	99	314297	62.247	ng	0.00
23) Nitrobenzene-d5	7.440	82	184099	38.609	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	90479	64.142	ng	0.00
45) 2-Fluorobiphenyl	9.240	172	388295	37.213	ng	0.00
79) Terphenyl-d14	12.992	244	321327	35.378	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.658	88	62593	36.567	ng	99
3) Pyridine	3.428	79	169898	39.591	ng	98
4) n-Nitrosodimethylamine	3.375	42	94815	42.727	ng	100
6) Aniline	6.540	93	214406	31.913	ng	96
8) 2-Chlorophenol	6.663	128	203620	44.107	ng	99
9) Benzaldehyde	6.428	77	125507	41.898	ng	97
10) Phenol	6.522	94	244942	43.642	ng	97
11) bis(2-Chloroethyl)ether	6.610	93	177327	44.206	ng	99
12) 1,3-Dichlorobenzene	6.822	146	221691	42.938	ng	99
13) 1,4-Dichlorobenzene	6.899	146	223809	42.965	ng	99
14) 1,2-Dichlorobenzene	7.051	146	213224	43.156	ng	99
15) Benzyl Alcohol	7.022	79	161921	44.360	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	278897	43.275	ng	98
17) 2-Methylphenol	7.134	107	153786	43.958	ng	100
18) Hexachloroethane	7.393	117	78117	42.874	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	127774	43.511	ng	99
20) 3+4-Methylphenols	7.287	107	193242	44.301	ng	93
22) Acetophenone	7.287	105	260829	45.224	ng	98
24) Nitrobenzene	7.463	77	196820	45.605	ng	98
25) Isophorone	7.704	82	348924	45.617	ng	99
26) 2-Nitrophenol	7.781	139	109922	46.757	ng	99
27) 2,4-Dimethylphenol	7.816	122	182729	44.872	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	219370	45.111	ng	99
29) 2,4-Dichlorophenol	8.022	162	167847	45.458	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	184227	45.374	ng	97
31) Naphthalene	8.187	128	572548	44.723	ng	100
32) Benzoic acid	7.928	122	108928	52.481	ng	96
33) 4-Chloroaniline	8.234	127	84404	16.214	ng	99
34) Hexachlorobutadiene	8.304	225	110591	44.529	ng	99
35) Caprolactam	8.604	113	50864	52.203	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	168259	45.852	ng	99
37) 2-Methylnaphthalene	8.875	142	357947	45.100	ng	100
38) 1-Methylnaphthalene	8.975	142	370268	45.066	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	179661	44.420	ng	99
41) Hexachlorocyclopentadiene	9.034	237	220564	96.096	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	118075	44.800	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062325\
 Data File : BF142809.D
 Acq On : 23 Jun 2025 16:44
 Operator : RC/JU
 Sample : Q2389-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

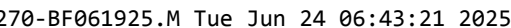
Instrument :
 BNA_F
 ClientSampleId :
 MH-J-IMSD

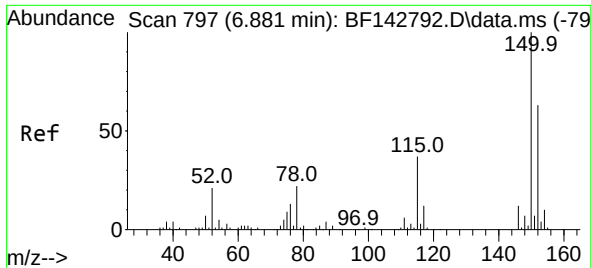
Quant Time: Jun 24 06:43:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	128243	46.224	ng	99
46) 1,1'-Biphenyl	9.340	154	487257	44.999	ng	100
47) 2-Chloronaphthalene	9.369	162	358914	44.170	ng	99
48) 2-Nitroaniline	9.463	65	106919	46.933	ng	99
49) Acenaphthylene	9.787	152	601007	44.929	ng	100
50) Dimethylphthalate	9.640	163	413794	46.636	ng	99
51) 2,6-Dinitrotoluene	9.704	165	91819	47.121	ng	99
52) Acenaphthene	9.957	154	400784	49.107	ng	100
53) 3-Nitroaniline	9.875	138	49489	23.068	ng	99
54) 2,4-Dinitrophenol	9.981	184	99042	101.510	ng	99
55) Dibenzofuran	10.128	168	525944	44.940	ng	99
56) 4-Nitrophenol	10.039	139	137608	93.691	ng	99
57) 2,4-Dinitrotoluene	10.110	165	123294	47.635	ng	99
58) Fluorene	10.469	166	409005	44.748	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	100005	44.718	ng	99
60) Diethylphthalate	10.339	149	411625	47.315	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	193394	44.341	ng	99
62) 4-Nitroaniline	10.486	138	91704	46.737	ng	99
63) Azobenzene	10.622	77	377995	48.614	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	63157	48.451	ng	97
66) n-Nitrosodiphenylamine	10.581	169	352022	47.132	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	116290	47.414	ng	95
68) Hexachlorobenzene	11.022	284	127724	46.866	ng	98
69) Atrazine	11.104	200	106658	55.300	ng	99
70) Pentachlorophenol	11.216	266	128172	94.382	ng	98
71) Phenanthrene	11.434	178	544727	46.662	ng	100
72) Anthracene	11.486	178	555972	46.437	ng	100
73) Carbazole	11.639	167	483397	46.787	ng	99
74) Di-n-butylphthalate	11.969	149	562976	52.305	ng	100
75) Fluoranthene	12.622	202	489254	44.160	ng	99
77) Benzidine	12.745	184	188489	39.977	ng	100
78) Pyrene	12.851	202	474298	40.321	ng	99
80) Butylbenzylphthalate	13.469	149	166121	48.685	ng	96
81) Benzo(a)anthracene	14.045	228	397000	46.894	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	41502	15.114	ng	98
83) Chrysene	14.080	228	360777	47.757	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	209437	42.661	ng	100
85) Di-n-octyl phthalate	14.645	149	377399	40.768	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	529089	43.083	ng	99
88) Benzo(b)fluoranthene	15.104	252	448074	48.027	ng	99
89) Benzo(k)fluoranthene	15.139	252	401768	46.029	ng	99
90) Benzo(a)pyrene	15.480	252	426146	47.281	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	428587	42.952	ng	99
92) Benzo(g,h,i)perylene	17.515	276	421432	42.355	ng	100

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

Quant Time: Jun 24 06:43:10 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

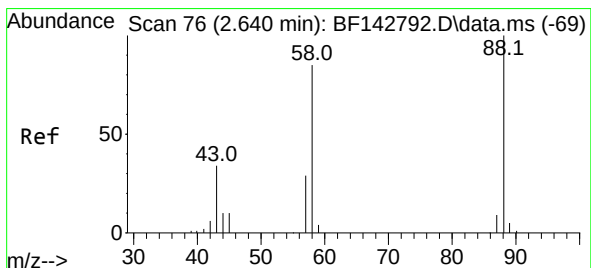
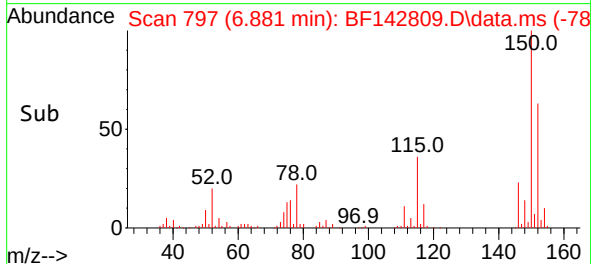
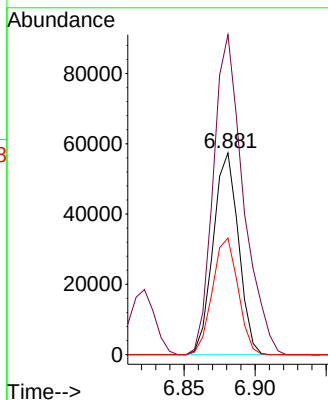
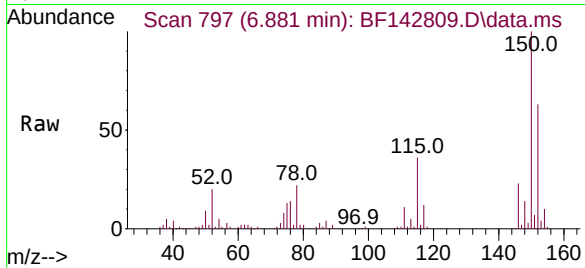




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF142809.D
 Acq: 23 Jun 2025 16:44

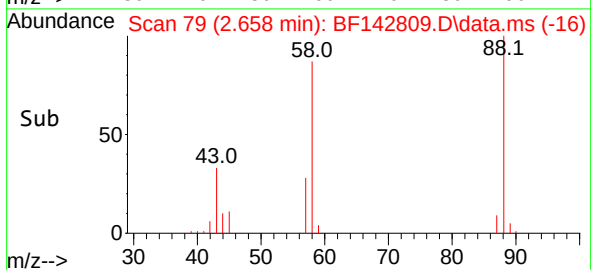
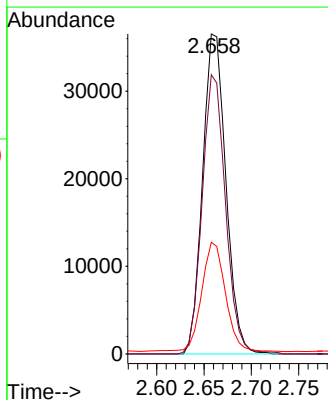
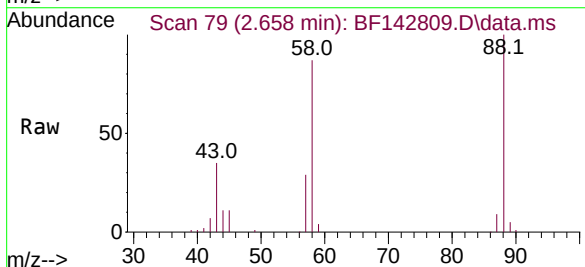
Instrument :
 BNA_F
 ClientSampleId :
 MH-J-IMSD

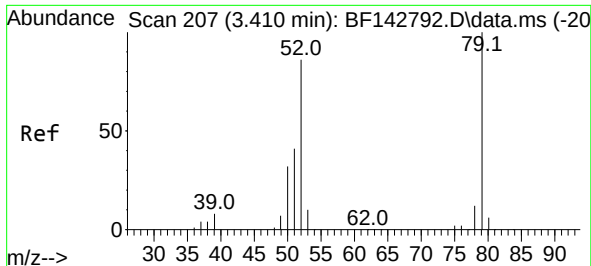
Tgt Ion:152 Resp: 71253
 Ion Ratio Lower Upper
 152 100
 150 158.7 127.2 190.8
 115 57.8 46.6 69.8



#2
 1,4-Dioxane
 Concen: 36.567 ng
 RT: 2.658 min Scan# 79
 Delta R.T. 0.018 min
 Lab File: BF142809.D
 Acq: 23 Jun 2025 16:44

Tgt Ion: 88 Resp: 62593
 Ion Ratio Lower Upper
 88 100
 58 87.5 69.1 103.7
 43 34.9 27.4 41.2

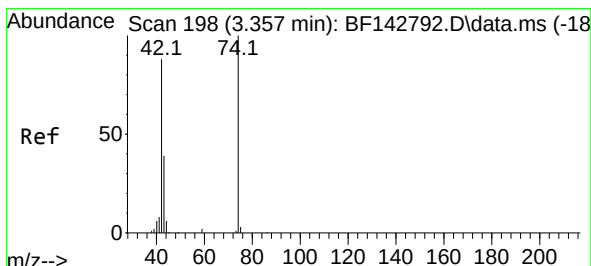
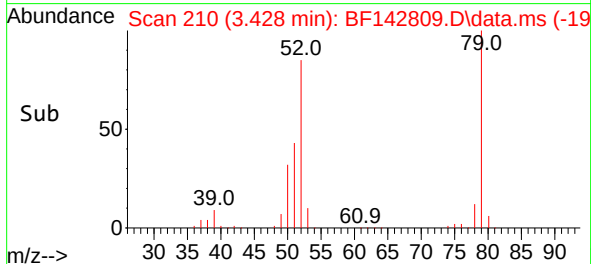
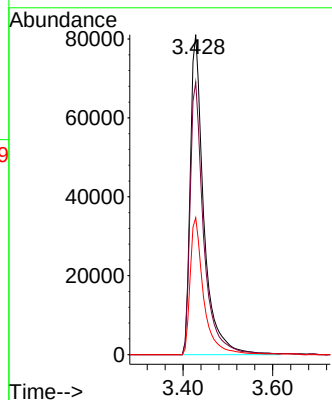
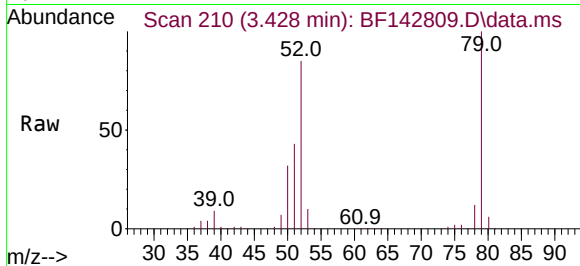




#3
Pyridine
Concen: 39.591 ng
RT: 3.428 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

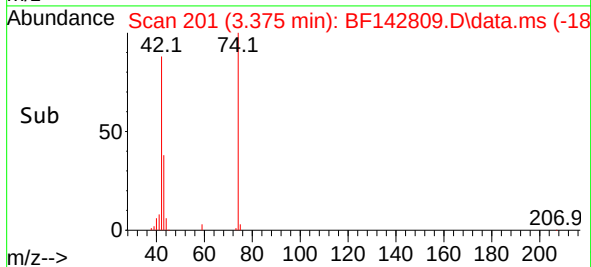
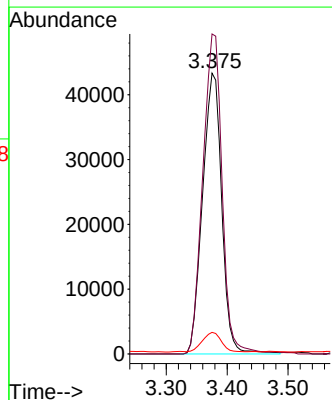
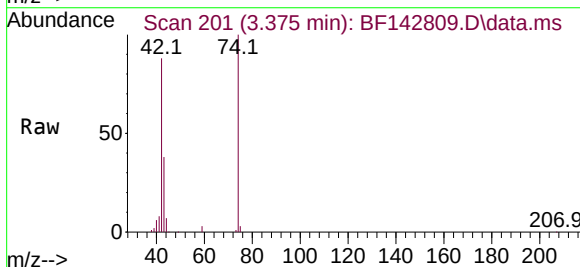
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

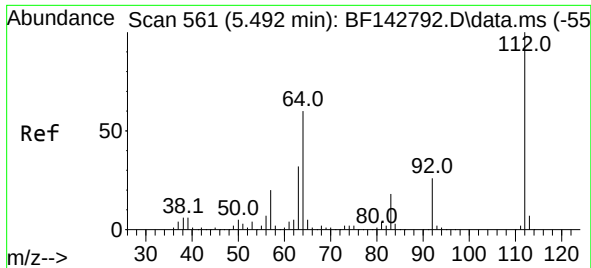
Tgt Ion: 79 Resp: 169898
Ion Ratio Lower Upper
79 100
52 85.2 69.2 103.8
51 42.8 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 42.727 ng
RT: 3.375 min Scan# 201
Delta R.T. 0.018 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion: 42 Resp: 94815
Ion Ratio Lower Upper
42 100
74 114.0 90.9 136.3
44 7.7 5.8 8.6

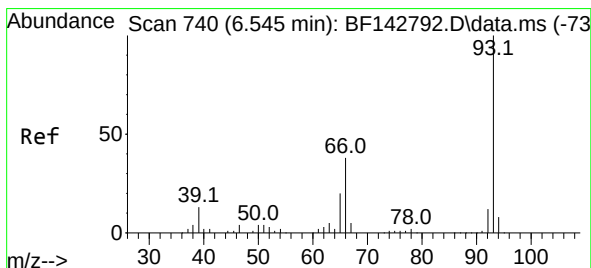
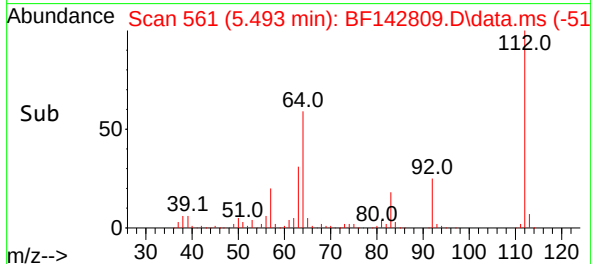
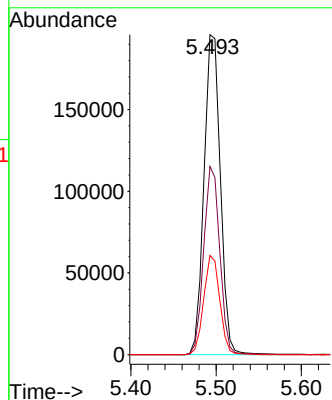
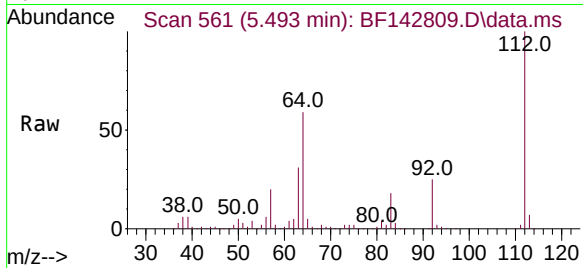




#5
2-Fluorophenol
Concen: 61.162 ng
RT: 5.493 min Scan# 50
Delta R.T. 0.001 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

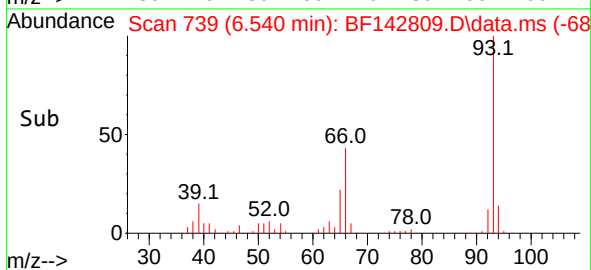
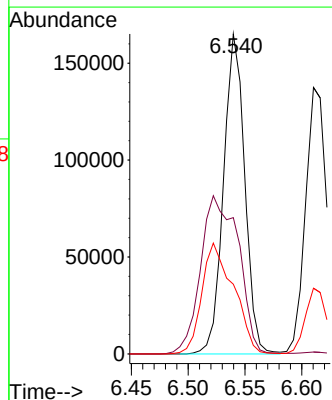
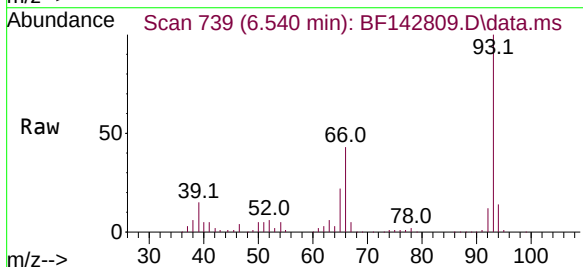
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

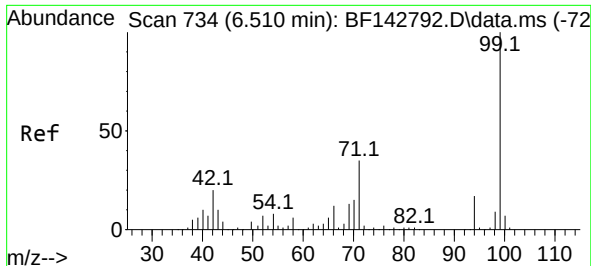
Tgt Ion:112 Resp: 261754
Ion Ratio Lower Upper
112 100
64 58.8 48.2 72.2
63 31.0 25.7 38.5



#6
Aniline
Concen: 31.913 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion: 93 Resp: 214406
Ion Ratio Lower Upper
93 100
66 42.6 31.8 47.6
65 21.8 16.2 24.2

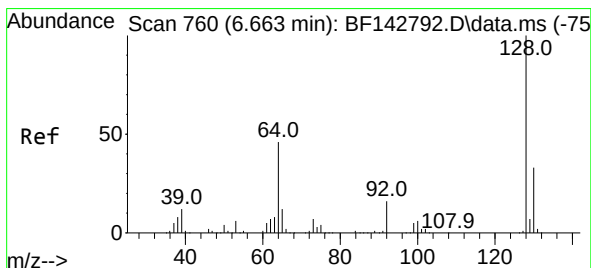
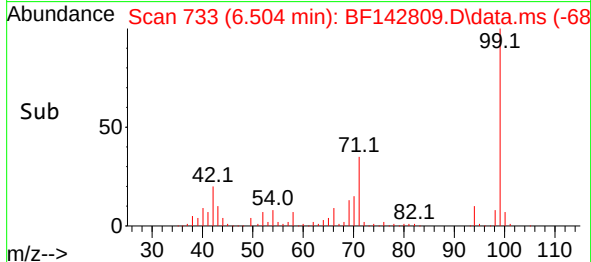
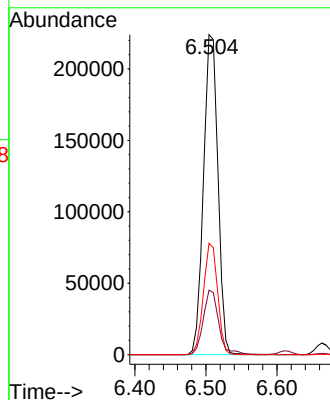
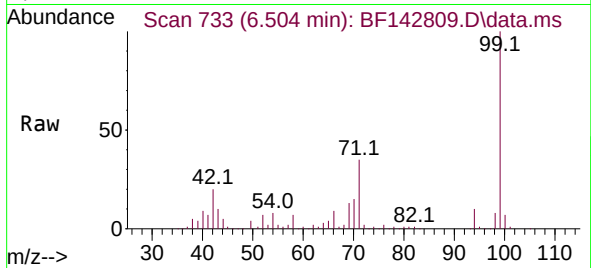




#7
Phenol-d6
Concen: 62.247 ng
RT: 6.504 min Scan# 734
Delta R.T. -0.006 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

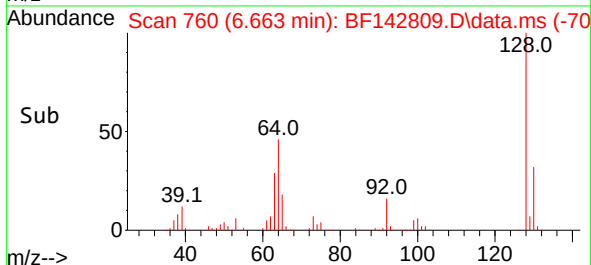
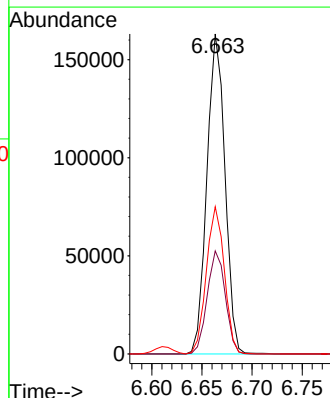
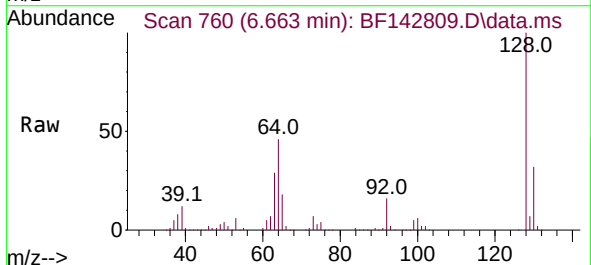
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

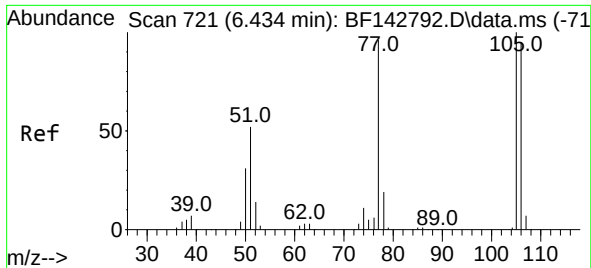
Tgt Ion: 99 Resp: 314297
Ion Ratio Lower Upper
99 100
42 20.1 15.9 23.9
71 34.8 27.8 41.8



#8
2-Chlorophenol
Concen: 44.107 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion:128 Resp: 203620
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 46.0 26.5 66.5





#9

Benzaldehyde

Concen: 41.898 ng

RT: 6.428 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF142809.D

Acq: 23 Jun 2025 16:44

Instrument :

BNA_F

ClientSampleId :

MH-J-IMSD

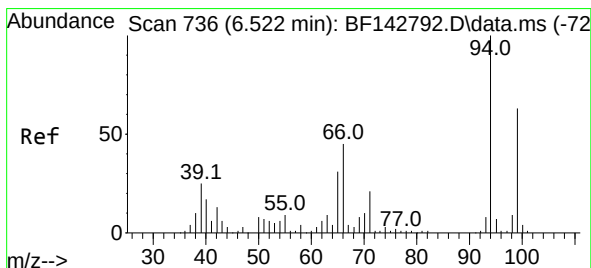
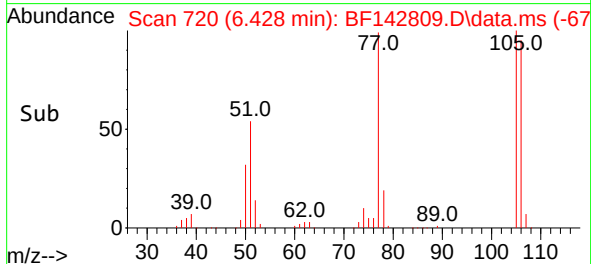
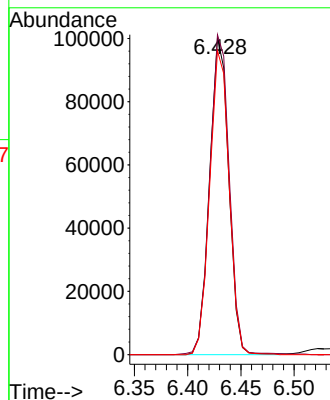
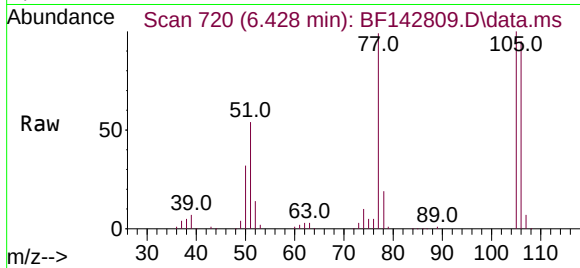
Tgt Ion: 77 Resp: 125507

Ion Ratio Lower Upper

77 100

105 101.0 83.8 123.8

106 95.9 78.7 118.7



#10

Phenol

Concen: 43.642 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF142809.D

Acq: 23 Jun 2025 16:44

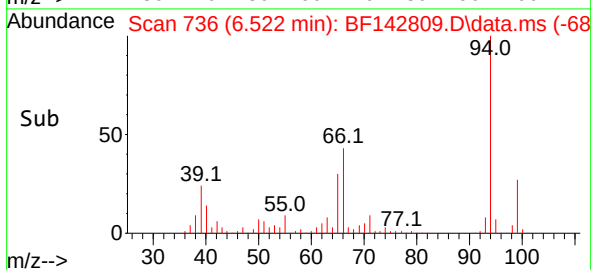
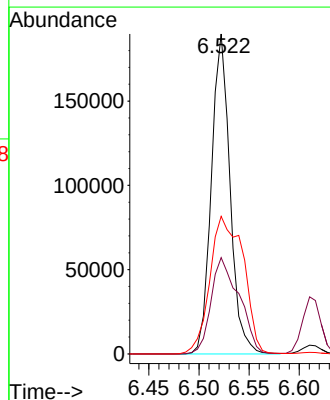
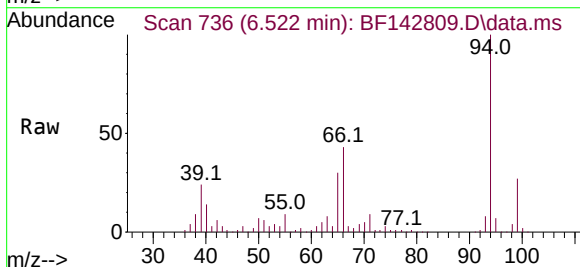
Tgt Ion: 94 Resp: 244942

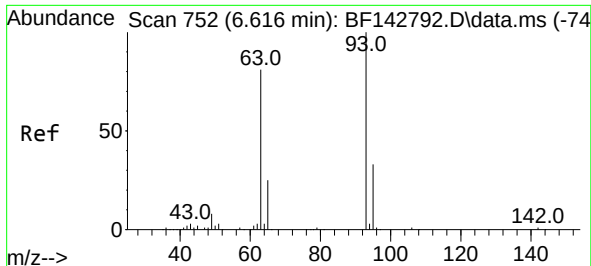
Ion Ratio Lower Upper

94 100

65 30.1 11.3 51.3

66 43.0 24.9 64.9





#11

bis(2-Chloroethyl)ether

Concen: 44.206 ng

RT: 6.610 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF142809.D

Acq: 23 Jun 2025 16:44

Instrument :

BNA_F

ClientSampleId :

MH-J-IMSD

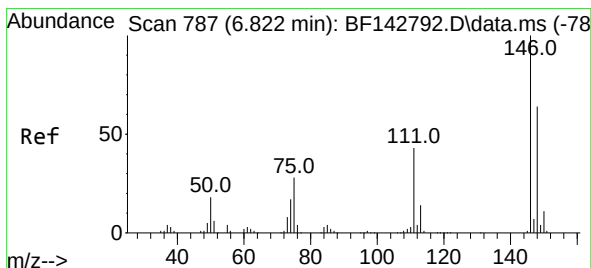
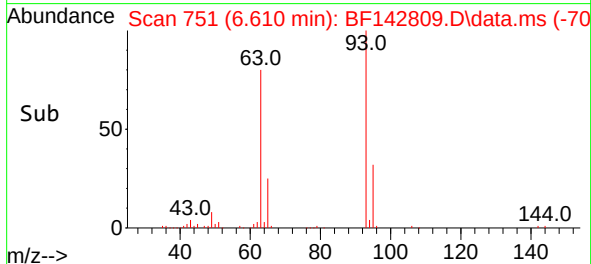
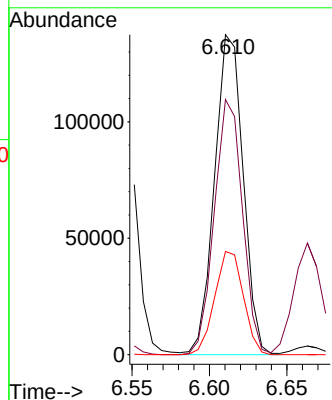
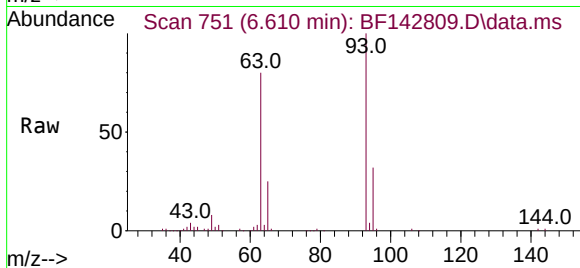
Tgt Ion: 93 Resp: 177327

Ion Ratio Lower Upper

93 100

63 79.7 60.3 100.3

95 32.2 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 42.938 ng

RT: 6.822 min Scan# 787

Delta R.T. 0.000 min

Lab File: BF142809.D

Acq: 23 Jun 2025 16:44

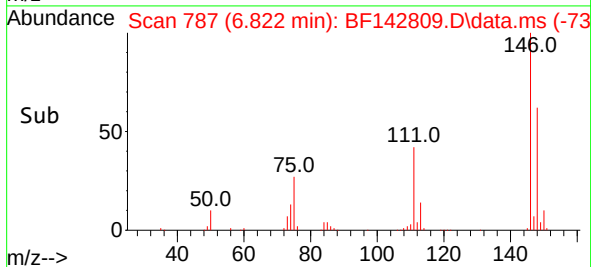
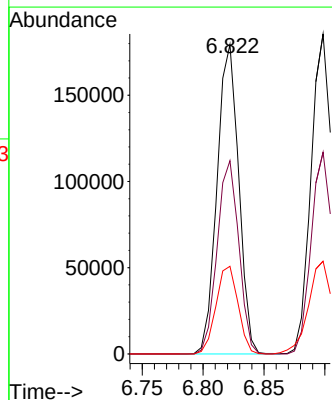
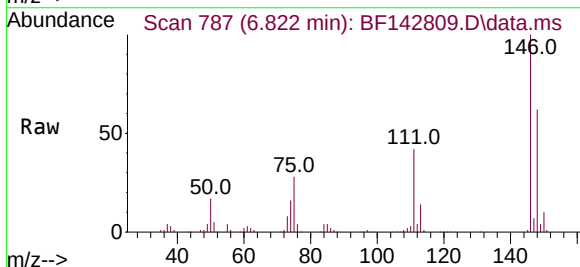
Tgt Ion:146 Resp: 221691

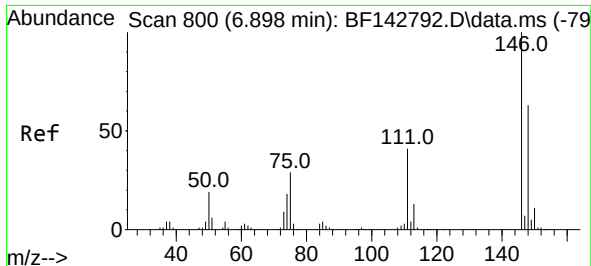
Ion Ratio Lower Upper

146 100

148 62.4 51.1 76.7

75 28.3 22.7 34.1

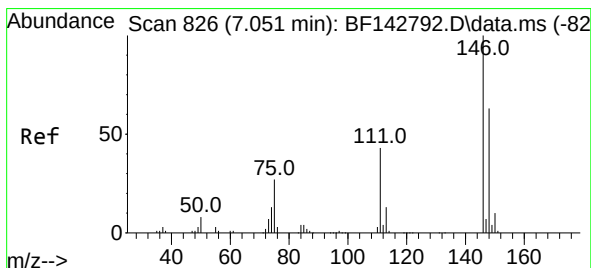
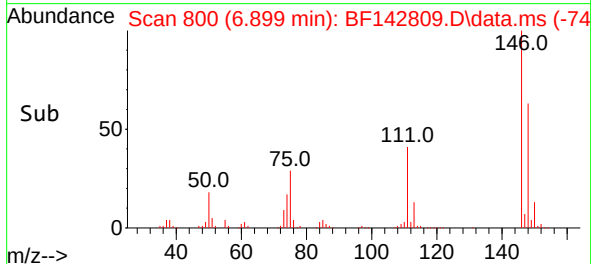
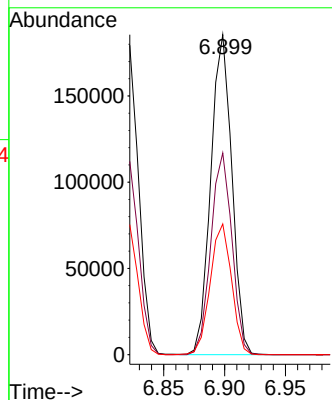
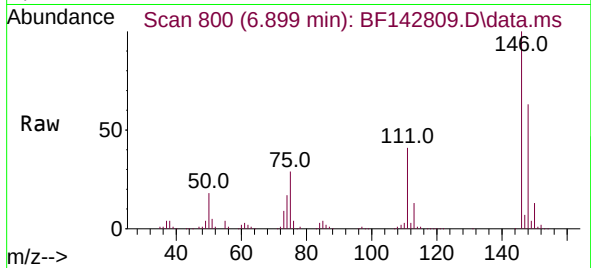




#13
1,4-Dichlorobenzene
Concen: 42.965 ng
RT: 6.899 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

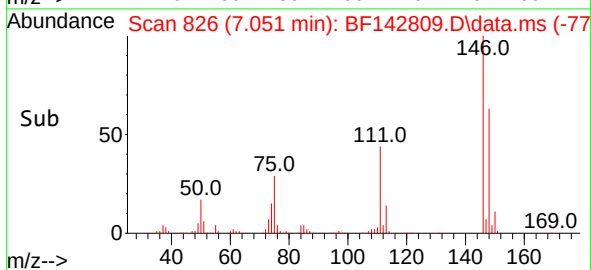
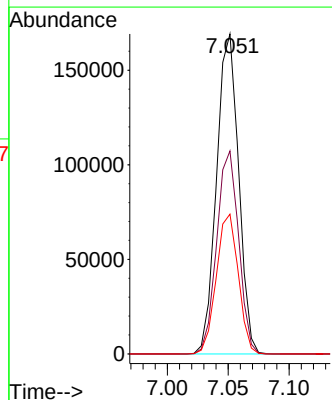
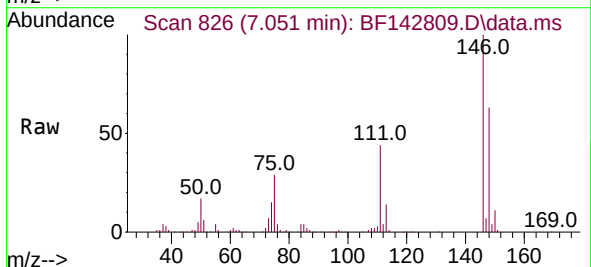
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

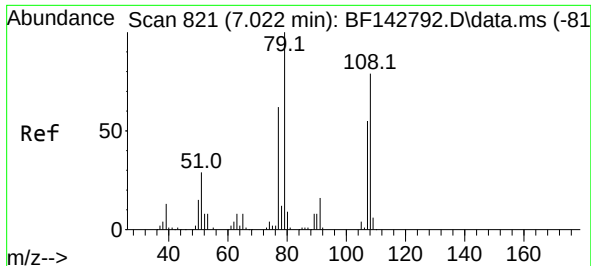
Tgt Ion:146 Resp: 223809
Ion Ratio Lower Upper
146 100
148 63.0 50.2 75.2
111 40.8 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 43.156 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion:146 Resp: 213224
Ion Ratio Lower Upper
146 100
148 63.4 50.4 75.6
111 43.7 34.1 51.1

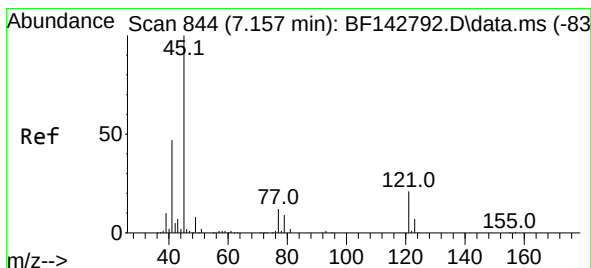
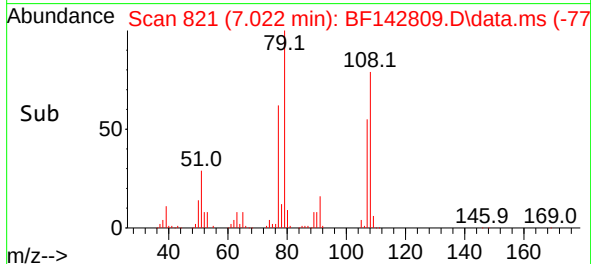
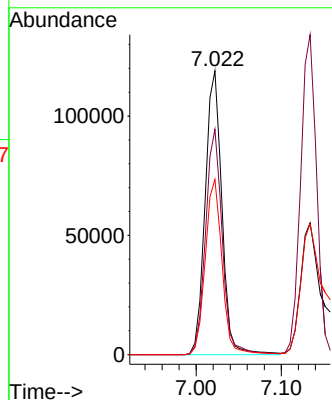
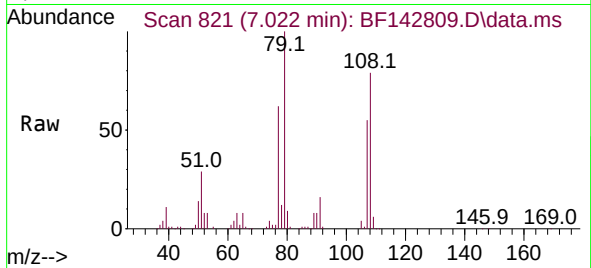




#15
Benzyl Alcohol
Concen: 44.360 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

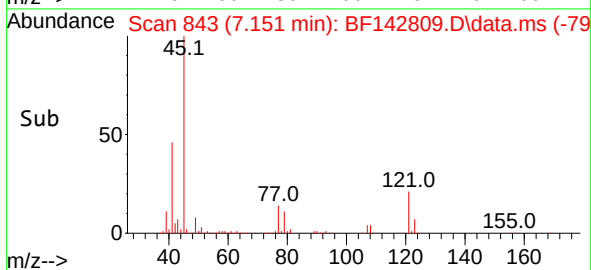
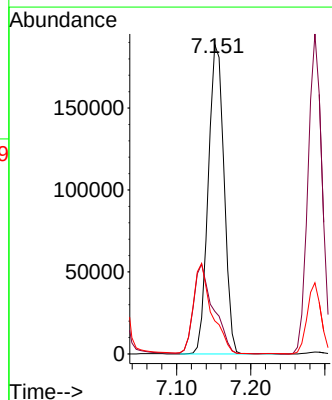
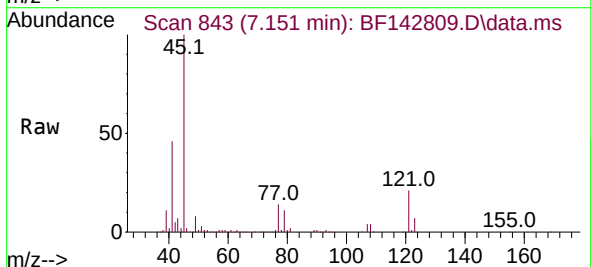
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

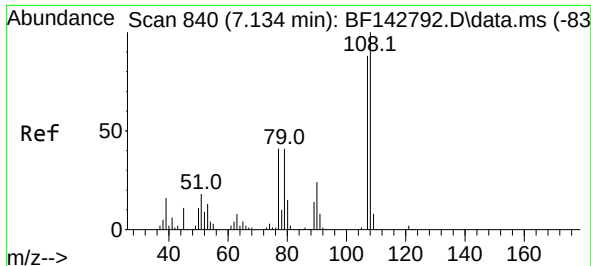
Tgt Ion: 79 Resp: 161921
Ion Ratio Lower Upper
79 100
108 79.4 63.4 95.0
77 61.7 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.275 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion: 45 Resp: 278897
Ion Ratio Lower Upper
45 100
77 13.8 0.0 32.8
79 10.7 0.0 29.8

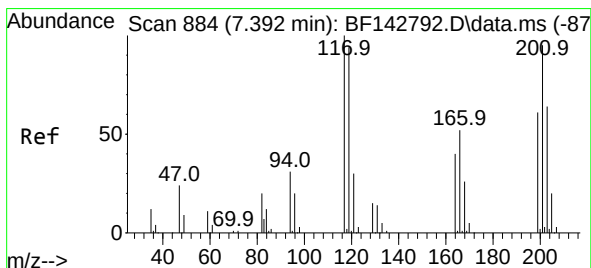
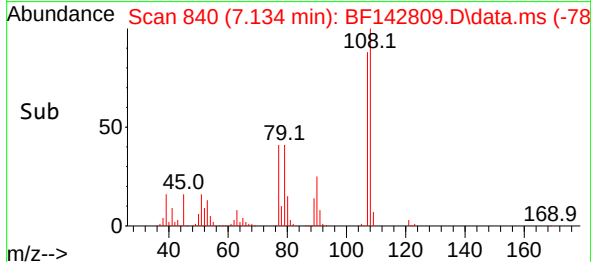
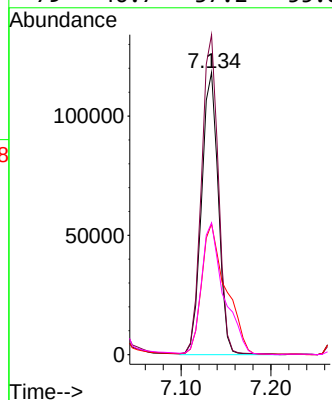
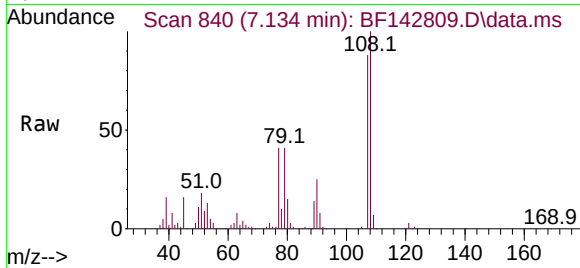




#17
2-Methylphenol
Concen: 43.958 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

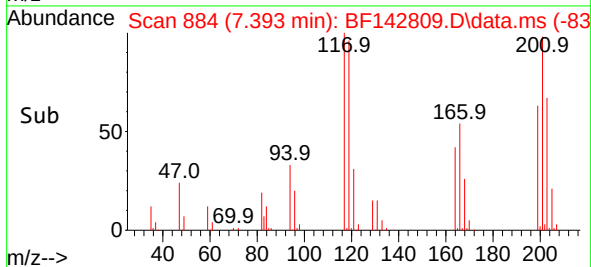
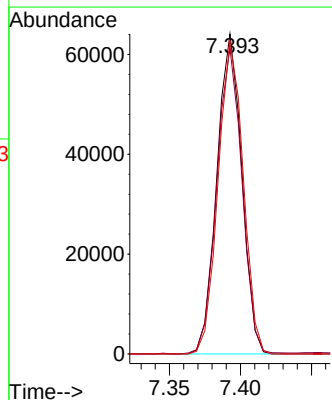
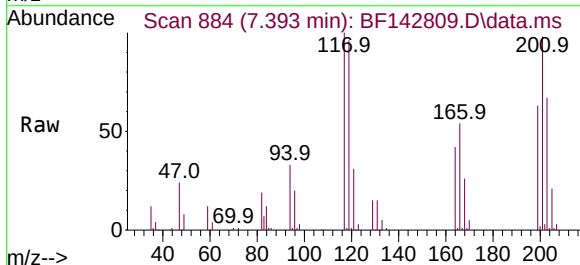
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

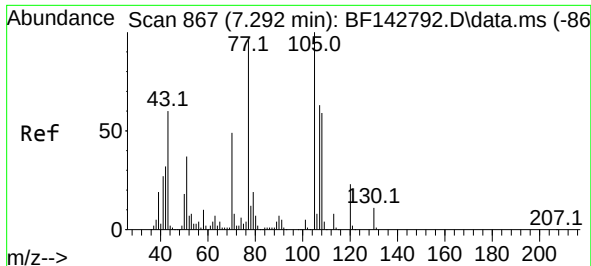
Tgt Ion:	107	Resp:	153786
Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.9	136.3
77	46.3	37.3	55.9
79	46.7	37.2	55.8



#18
Hexachloroethane
Concen: 42.874 ng
RT: 7.393 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion:	117	Resp:	78117
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.4	113.0
201	97.6	75.9	113.9

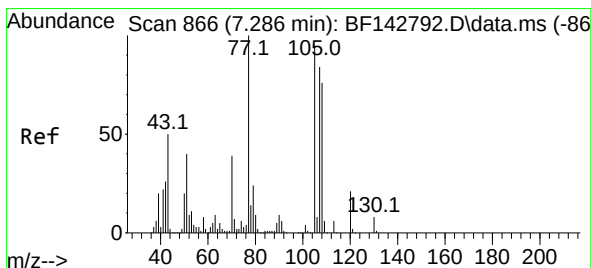
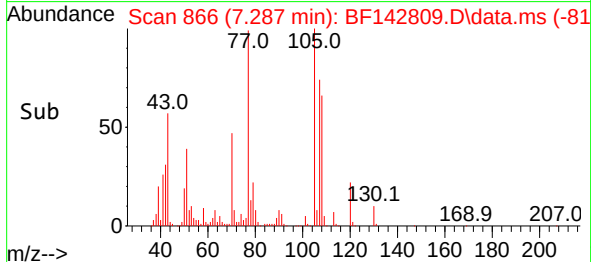
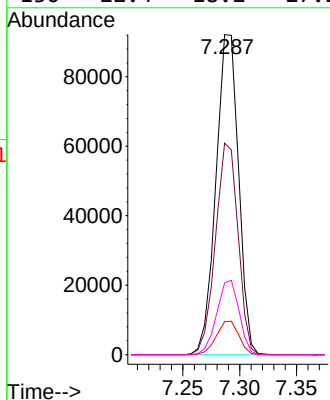
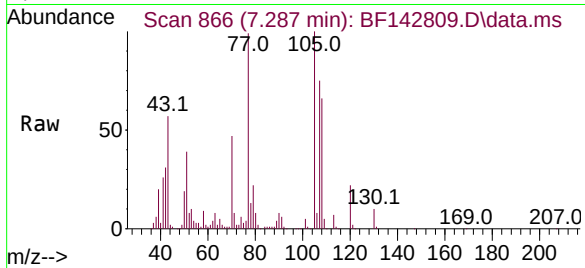




#19
n-Nitroso-di-n-propylamine
Concen: 43.511 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

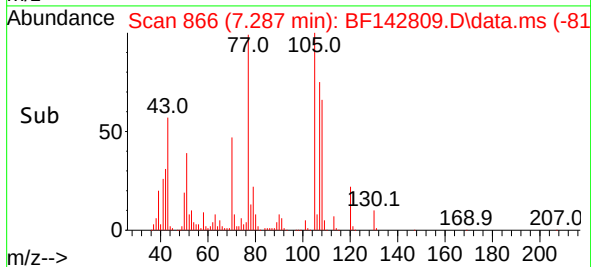
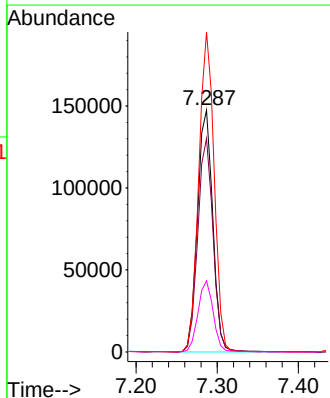
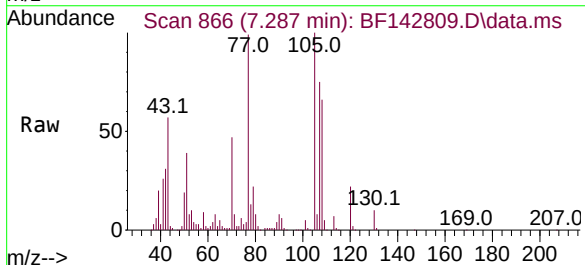
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

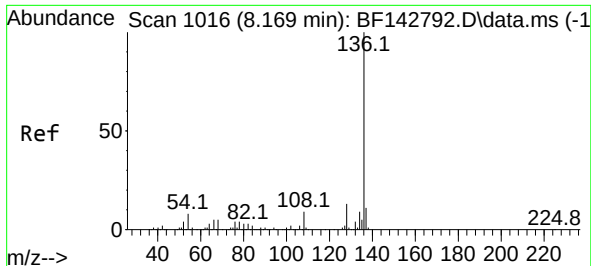
Tgt Ion: 70 Resp: 127774
Ion Ratio Lower Upper
70 100
42 66.1 52.1 78.1
101 10.3 8.2 12.2
130 22.4 18.2 27.2



#20
3+4-Methylphenols
Concen: 44.301 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion:107 Resp: 193242
Ion Ratio Lower Upper
107 100
108 88.3 70.0 110.0
77 132.4 98.5 138.5
79 29.5 8.8 48.8



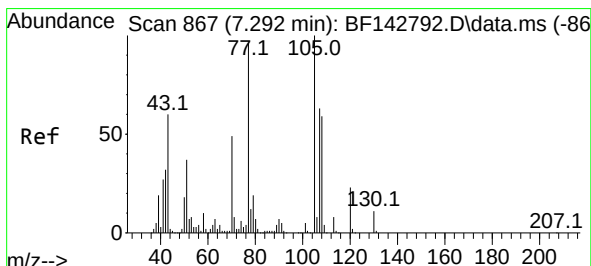
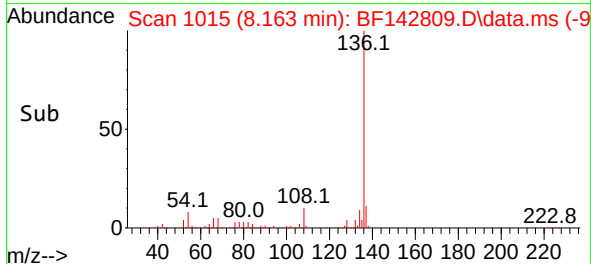
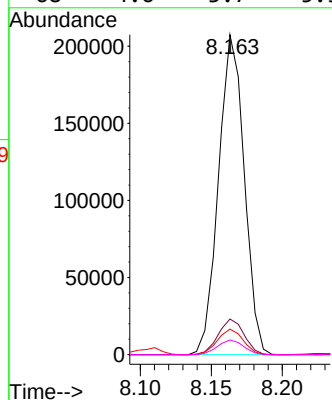
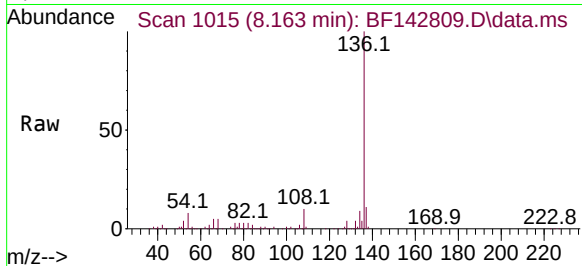


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

Tgt Ion:136 Resp: 261542

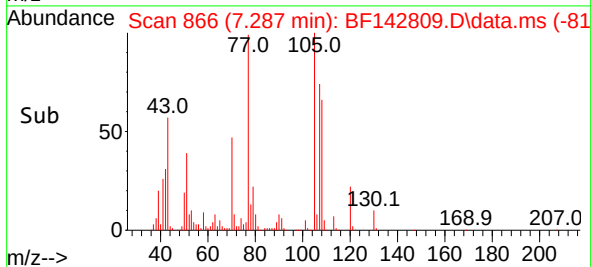
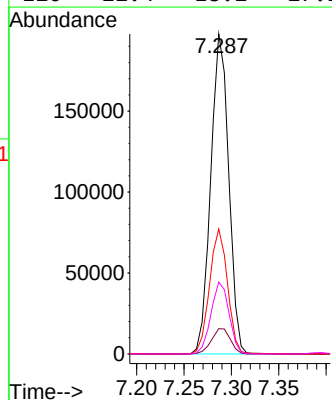
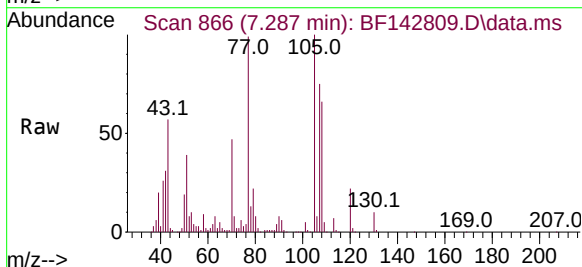
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	8.0	6.3	9.5
68	4.6	3.7	5.5

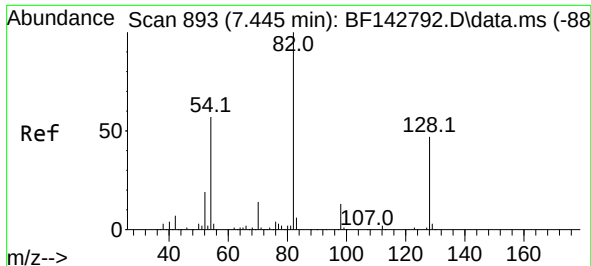


#22
Acetophenone
Concen: 45.224 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion:105 Resp: 260829

Ion	Ratio	Lower	Upper
105	100		
71	7.9	6.5	9.7
51	39.0	29.8	44.8
120	22.4	18.2	27.2





#23

Nitrobenzene-d5

Concen: 38.609 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.005 min

Lab File: BF142809.D

Acq: 23 Jun 2025 16:44

Instrument :

BNA_F

ClientSampleId :

MH-J-IMSD

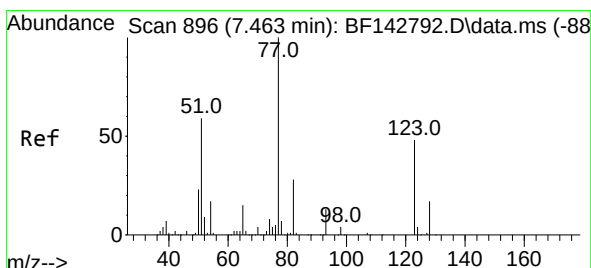
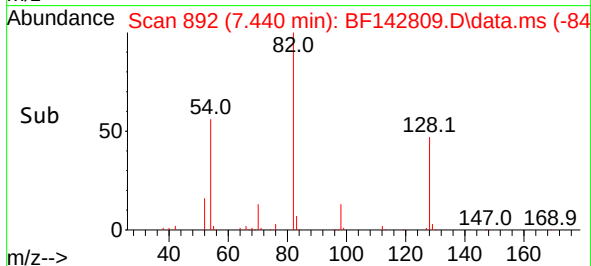
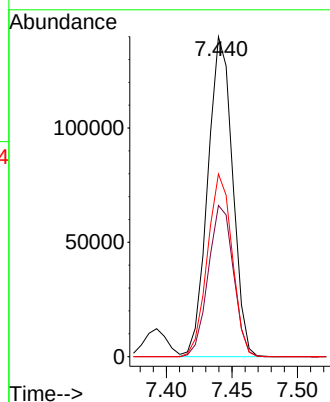
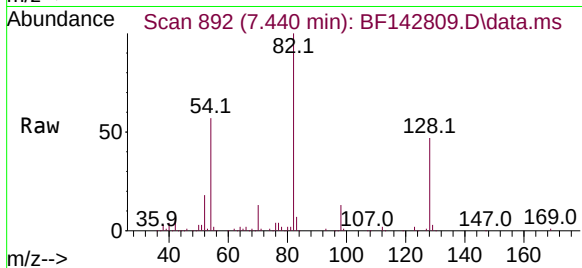
Tgt Ion: 82 Resp: 184099

Ion Ratio Lower Upper

82 100

128 47.2 37.7 56.5

54 57.1 45.7 68.5



#24

Nitrobenzene

Concen: 45.605 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF142809.D

Acq: 23 Jun 2025 16:44

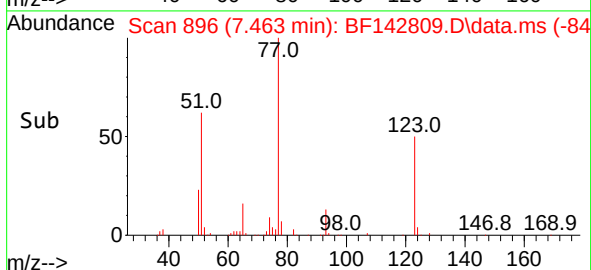
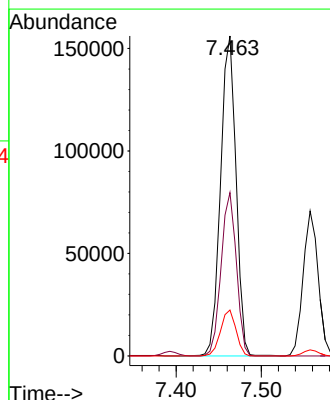
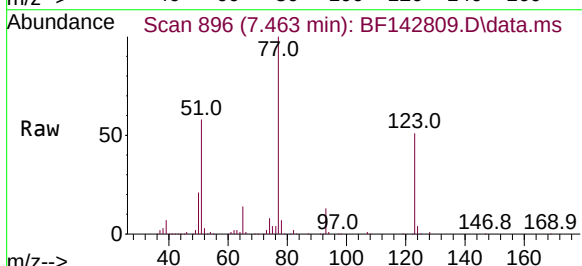
Tgt Ion: 77 Resp: 196820

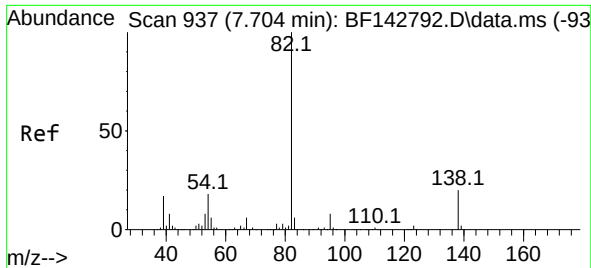
Ion Ratio Lower Upper

77 100

123 51.0 39.2 58.8

65 14.3 11.6 17.4

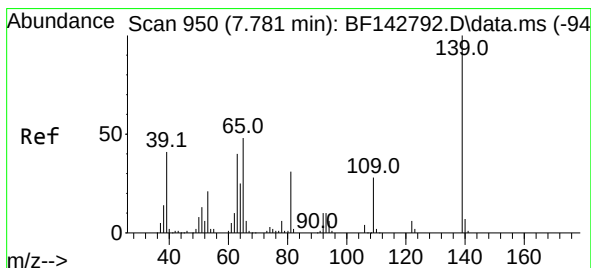
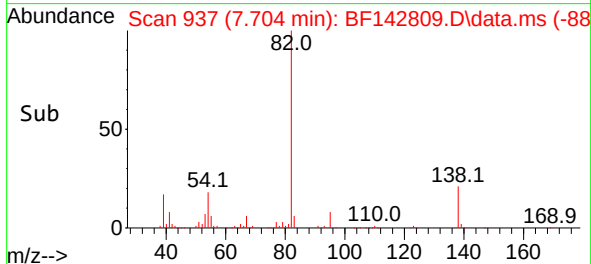
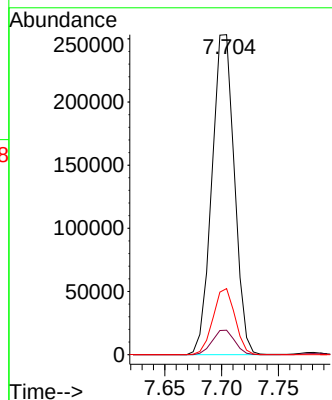
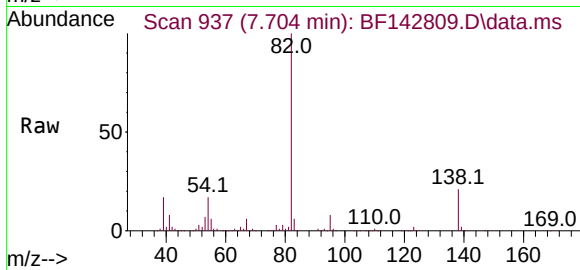




#25
Isophorone
Concen: 45.617 ng
RT: 7.704 min Scan# 937
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

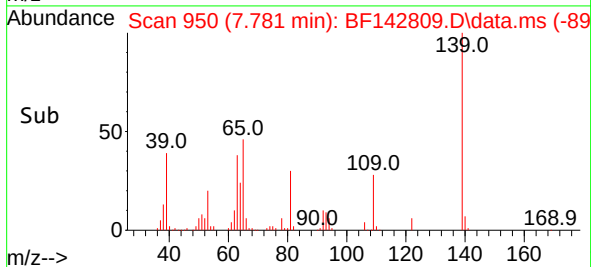
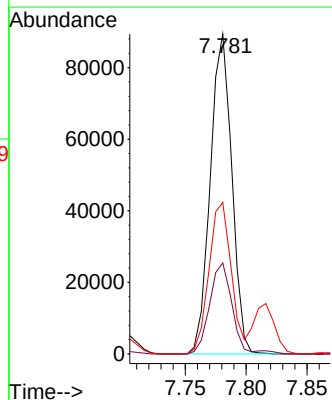
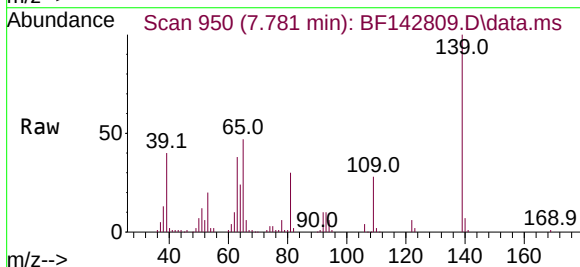
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

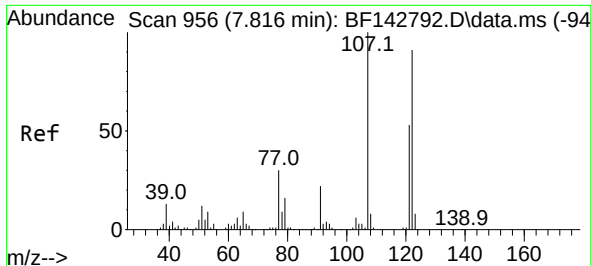
Tgt Ion: 82 Resp: 348924
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 20.6 16.2 24.4



#26
2-Nitrophenol
Concen: 46.757 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion: 139 Resp: 109922
Ion Ratio Lower Upper
139 100
109 28.4 22.7 34.1
65 47.3 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 44.872 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142809.D

Acq: 23 Jun 2025 16:44

Instrument :

BNA_F

ClientSampleId :

MH-J-IMSD

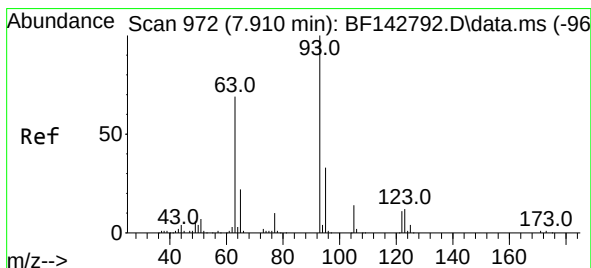
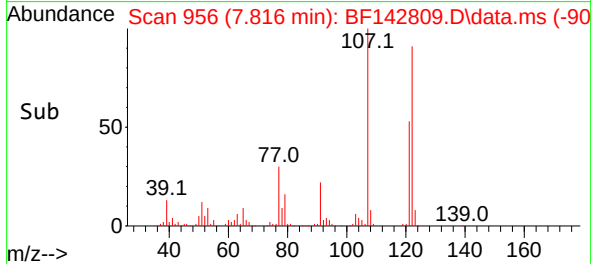
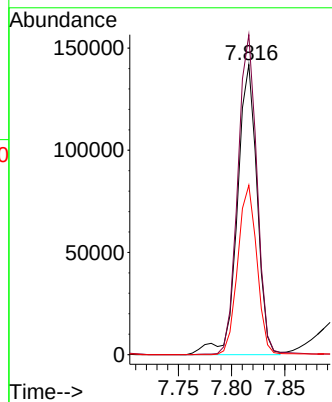
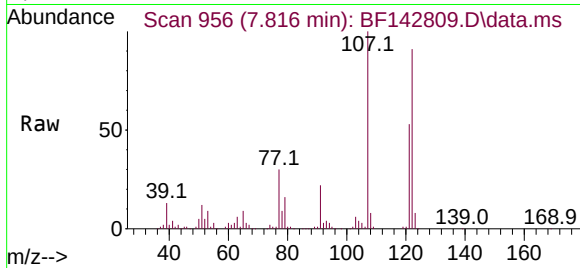
Tgt Ion:122 Resp: 182729

Ion Ratio Lower Upper

122 100

107 110.3 88.0 132.0

121 58.4 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 45.111 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142809.D

Acq: 23 Jun 2025 16:44

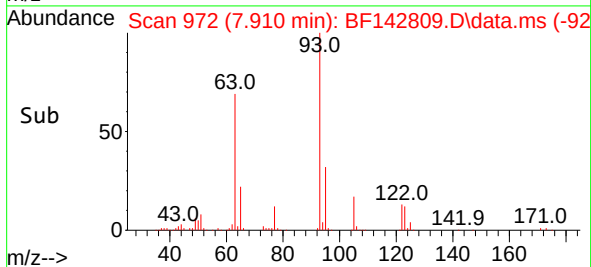
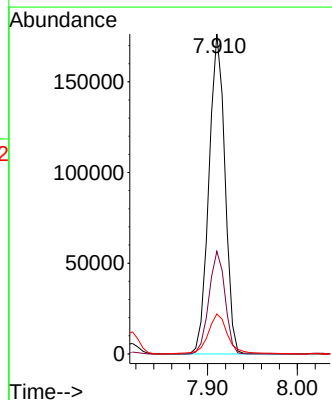
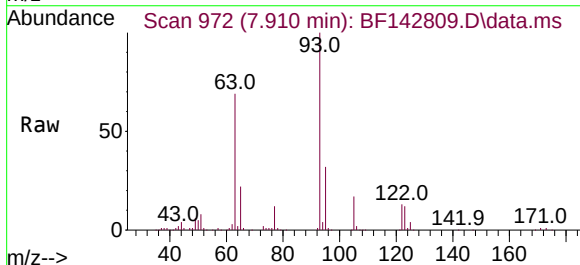
Tgt Ion: 93 Resp: 219370

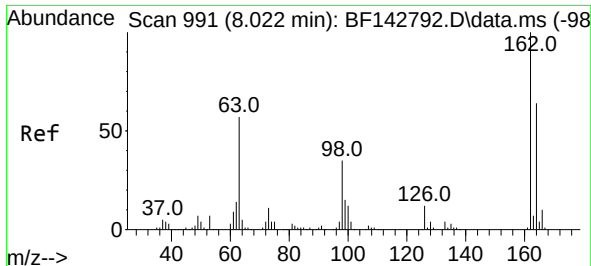
Ion Ratio Lower Upper

93 100

95 32.1 26.2 39.2

123 12.5 9.9 14.9

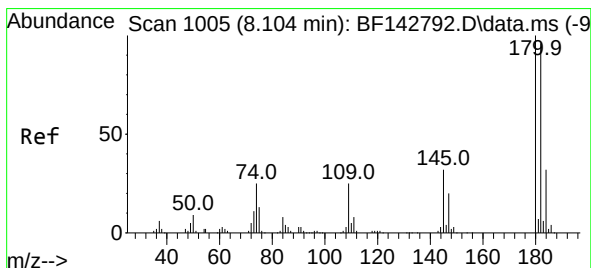
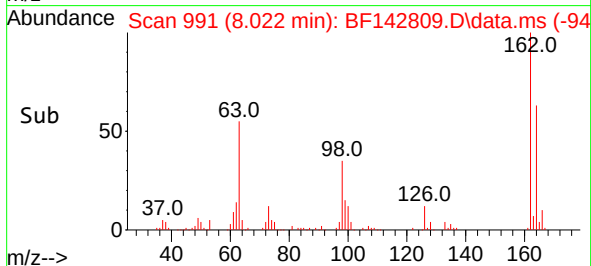
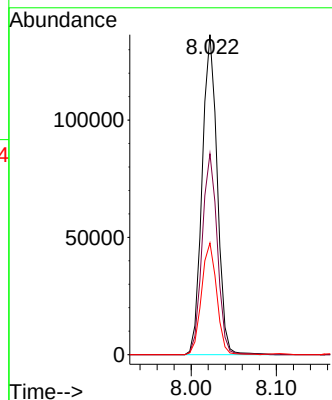
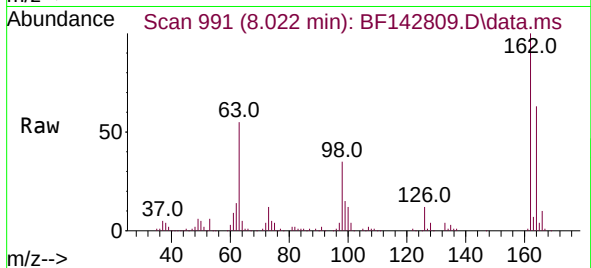




#29
2,4-Dichlorophenol
Concen: 45.458 ng
RT: 8.022 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

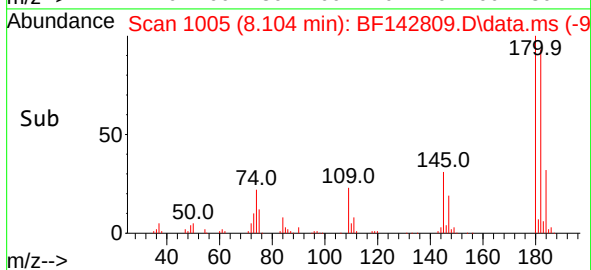
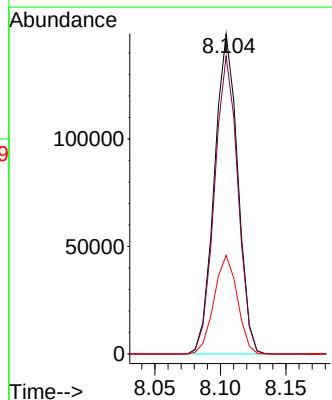
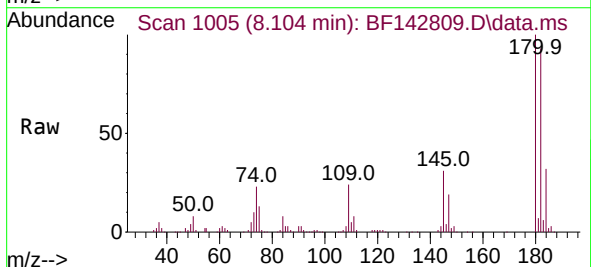
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

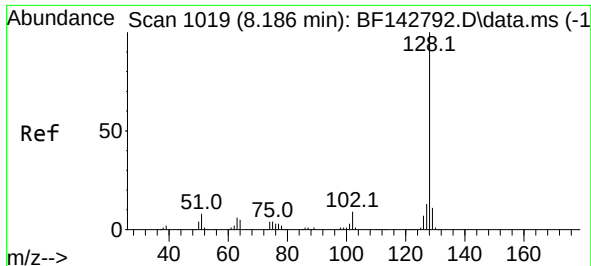
Tgt Ion:162 Resp: 167847
Ion Ratio Lower Upper
162 100
164 62.8 44.0 84.0
98 34.9 15.4 55.4



#30
1,2,4-Trichlorobenzene
Concen: 45.374 ng
RT: 8.104 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion:180 Resp: 184227
Ion Ratio Lower Upper
180 100
182 93.0 76.4 114.6
145 30.8 25.8 38.8

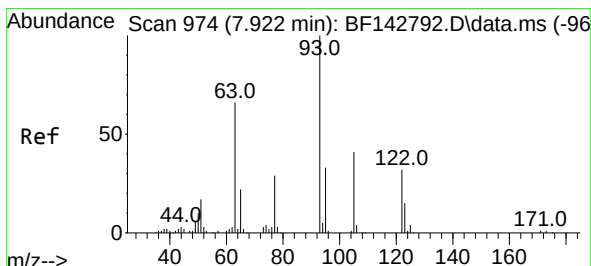
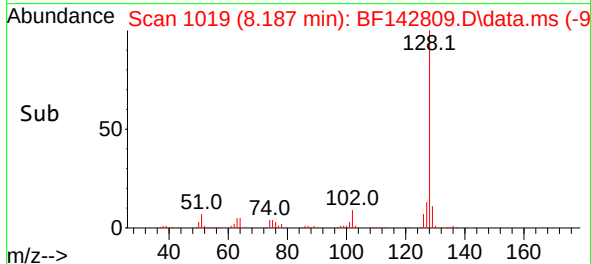
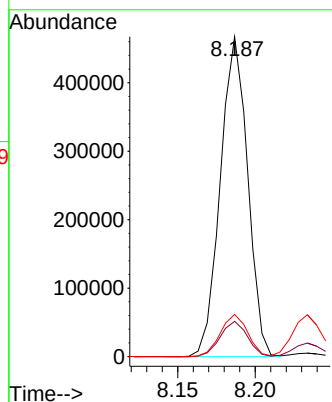
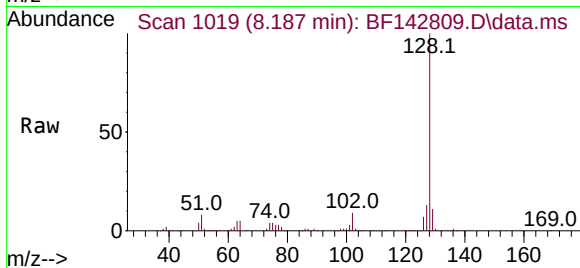




#31
Naphthalene
Concen: 44.723 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

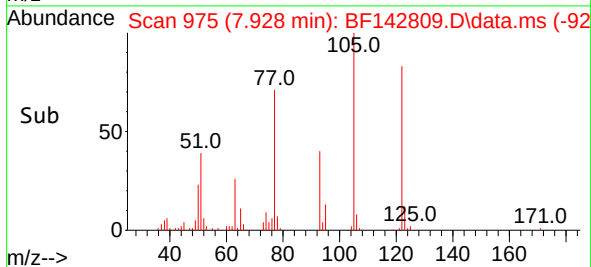
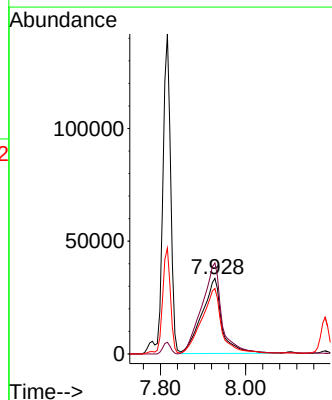
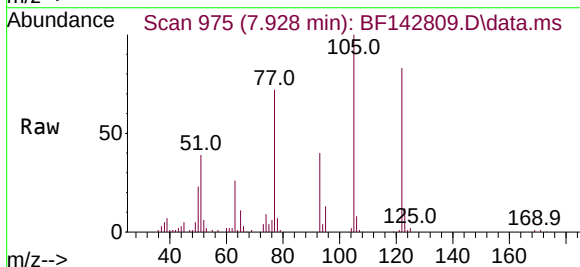
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

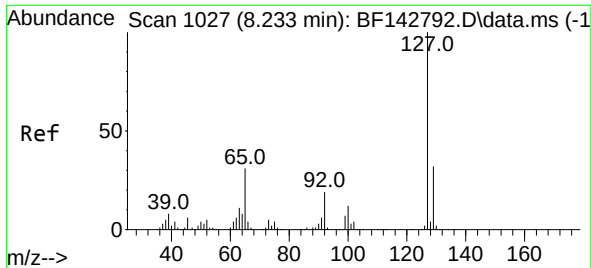
Tgt Ion:128 Resp: 572548
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 52.481 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.006 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion:122 Resp: 108928
Ion Ratio Lower Upper
122 100
105 120.6 104.7 144.7
77 86.7 70.2 110.2

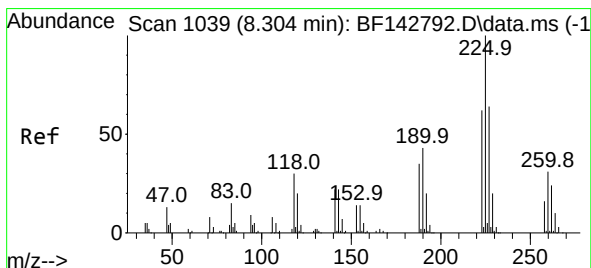
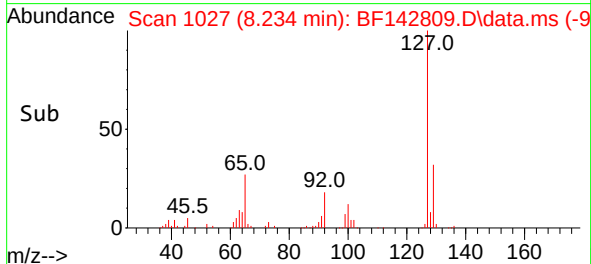
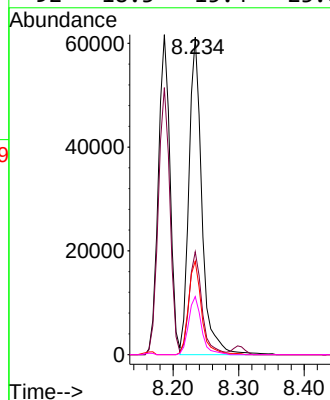
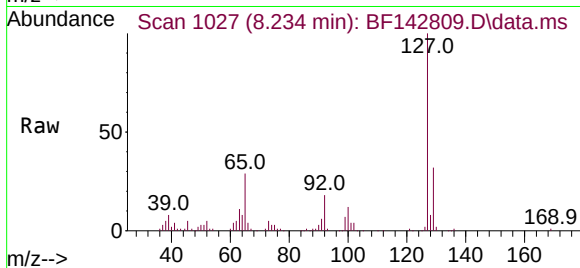




#33
4-Chloroaniline
Concen: 16.214 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

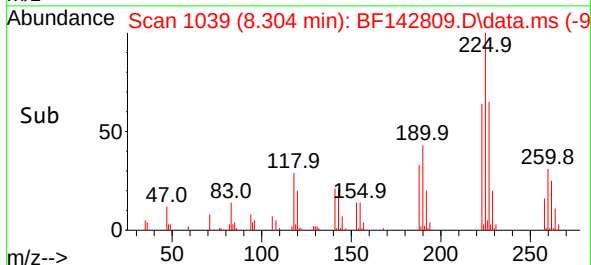
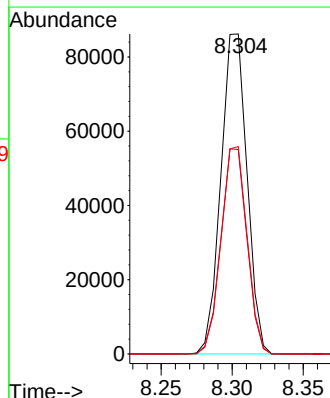
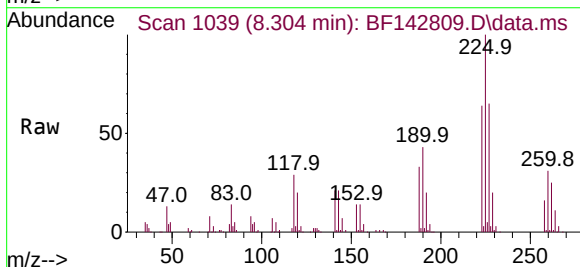
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

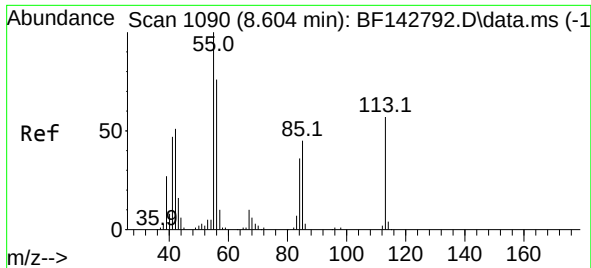
Tgt Ion:	127	Resp:	84404
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	29.4	24.6	36.8
92	18.3	15.4	23.0



#34
Hexachlorobutadiene
Concen: 44.529 ng
RT: 8.304 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion:	225	Resp:	110591
Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.9	74.9
227	64.8	51.4	77.0

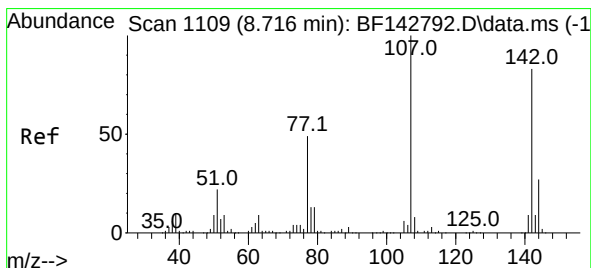
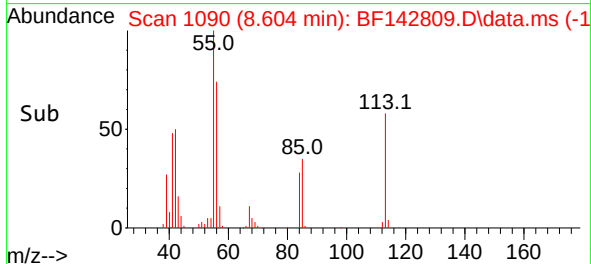
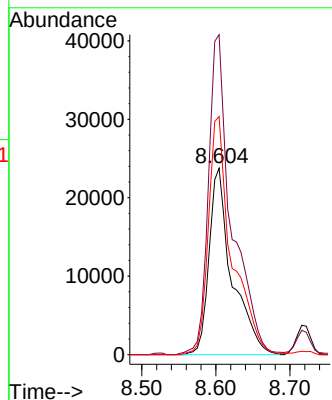
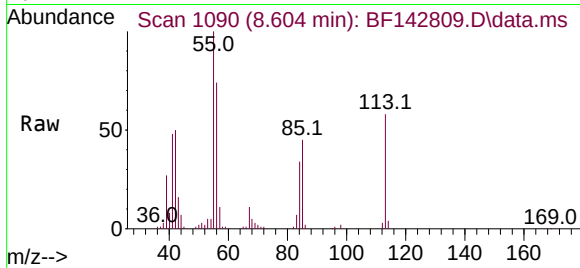




#35
 Caprolactam
 Concen: 52.203 ng
 RT: 8.604 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF142809.D
 Acq: 23 Jun 2025 16:44

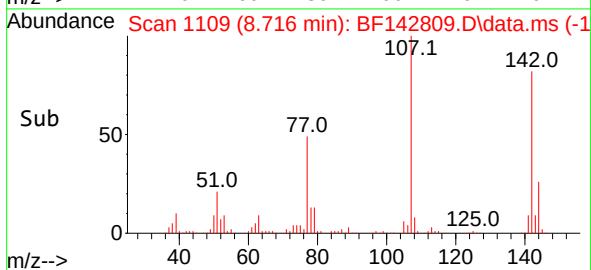
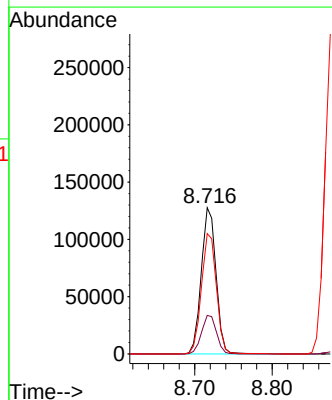
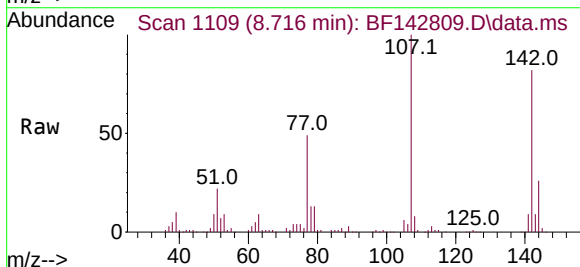
Instrument :
 BNA_F
 ClientSampleId :
 MH-J-IMSD

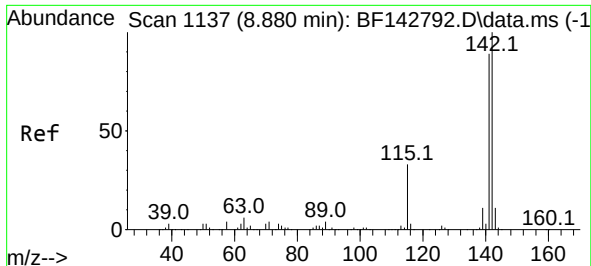
Tgt Ion:113 Resp: 50864
 Ion Ratio Lower Upper
 113 100
 55 171.7 154.4 194.4
 56 127.7 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 45.852 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142809.D
 Acq: 23 Jun 2025 16:44

Tgt Ion:107 Resp: 168259
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.3 31.9
 142 82.3 66.6 100.0





#37

2-Methylnaphthalene

Concen: 45.100 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF142809.D

Acq: 23 Jun 2025 16:44

Instrument :

BNA_F

ClientSampleId :

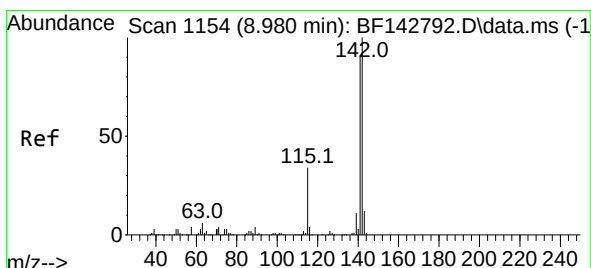
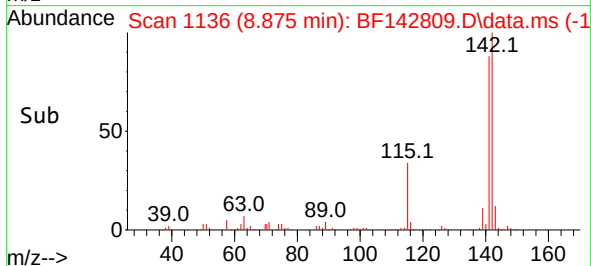
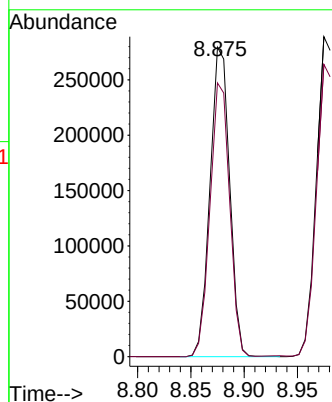
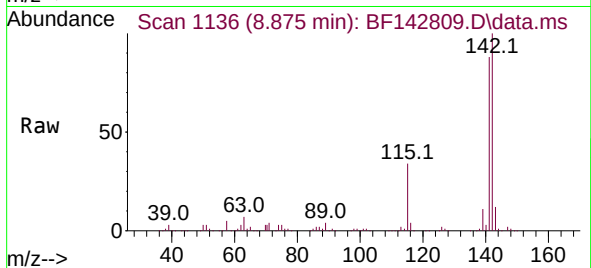
MH-J-IMSD

Tgt Ion:142 Resp: 357947

Ion Ratio Lower Upper

142 100

141 88.5 70.9 106.3



#38

1-Methylnaphthalene

Concen: 45.066 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142809.D

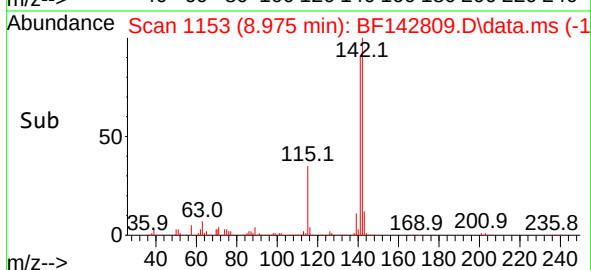
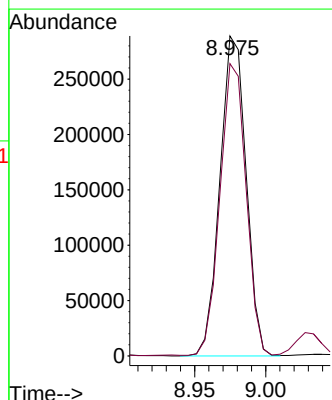
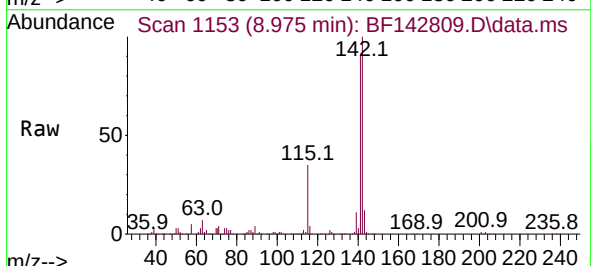
Acq: 23 Jun 2025 16:44

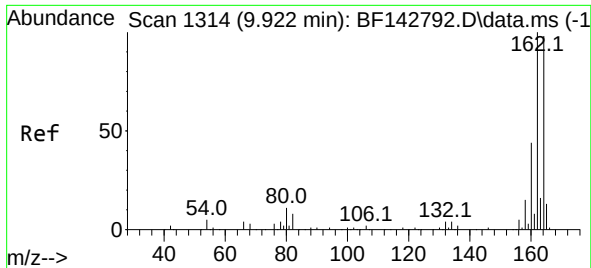
Tgt Ion:142 Resp: 370268

Ion Ratio Lower Upper

142 100

141 91.3 73.0 109.4

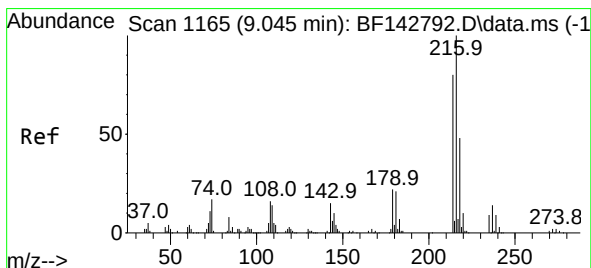
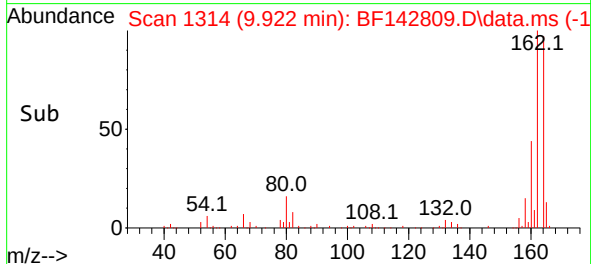
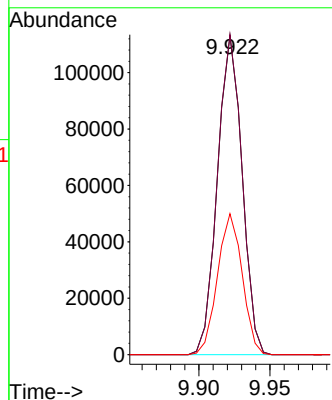
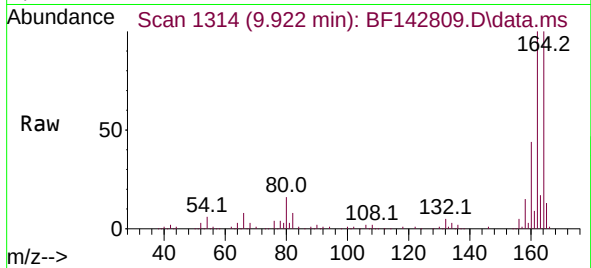




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

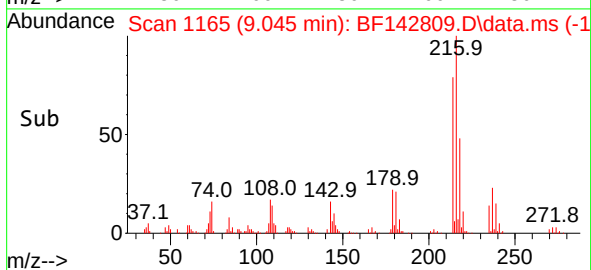
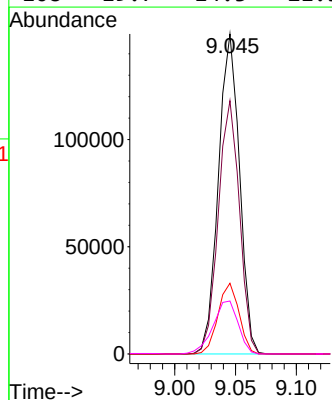
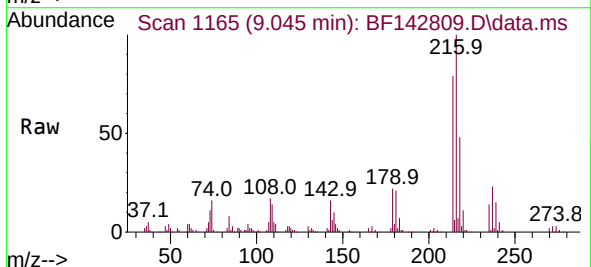
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

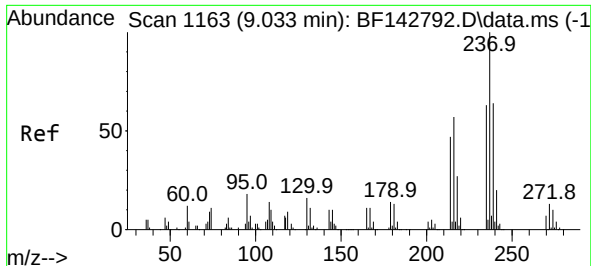
Tgt Ion:164 Resp: 137075
Ion Ratio Lower Upper
164 100
162 100.3 81.8 122.8
160 44.2 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.420 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion:216 Resp: 179661
Ion Ratio Lower Upper
216 100
214 79.3 63.7 95.5
179 22.0 17.6 26.4
108 19.7 14.3 21.5

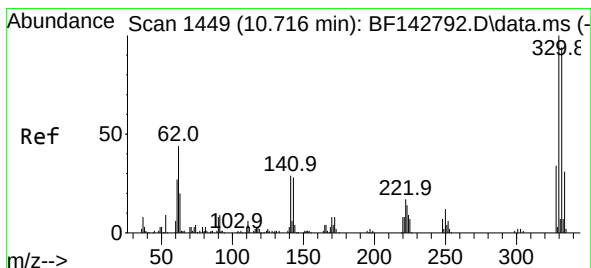
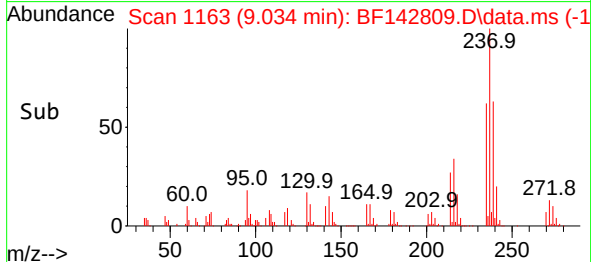
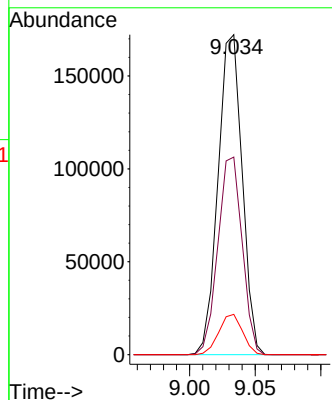
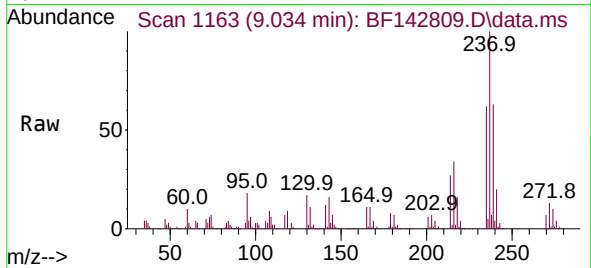




#41
Hexachlorocyclopentadiene
Concen: 96.096 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

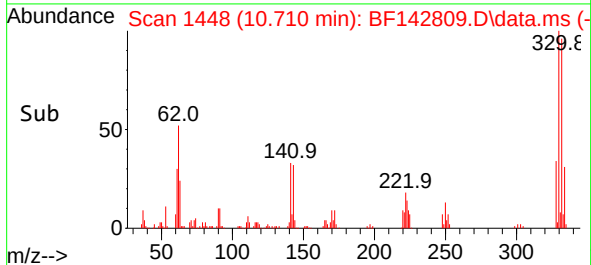
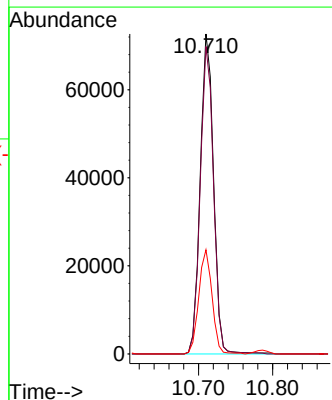
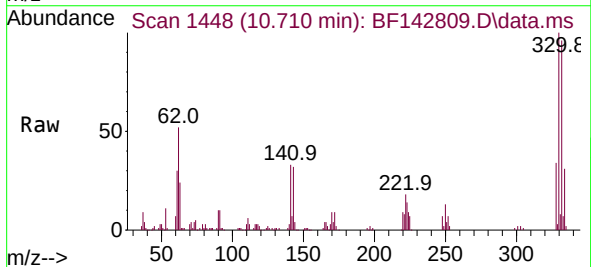
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

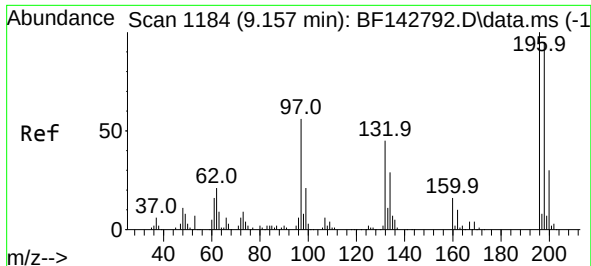
Tgt Ion:237 Resp: 220564
Ion Ratio Lower Upper
237 100
235 61.7 43.4 83.4
272 12.6 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 64.142 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

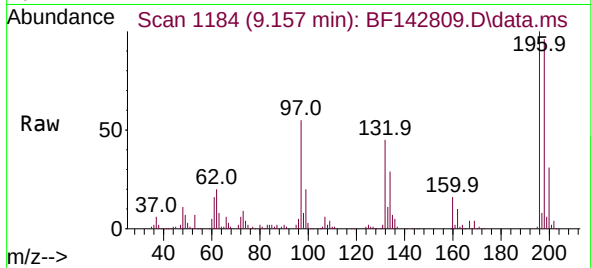
Tgt Ion:330 Resp: 90479
Ion Ratio Lower Upper
330 100
332 95.9 75.0 112.6
141 32.5 25.3 37.9



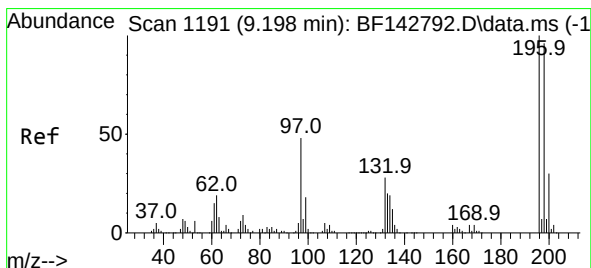
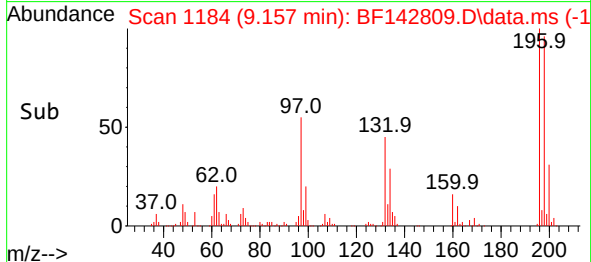
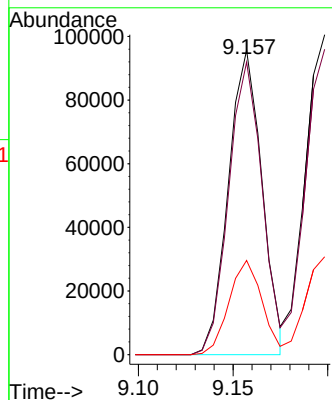


#43
2,4,6-Trichlorophenol
Concen: 44.800 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

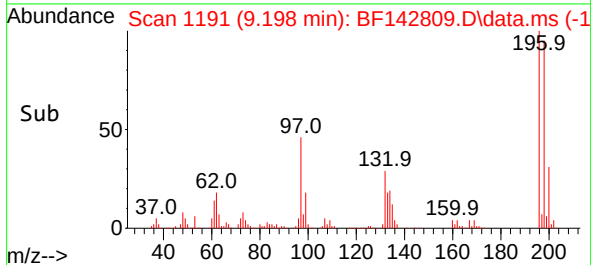
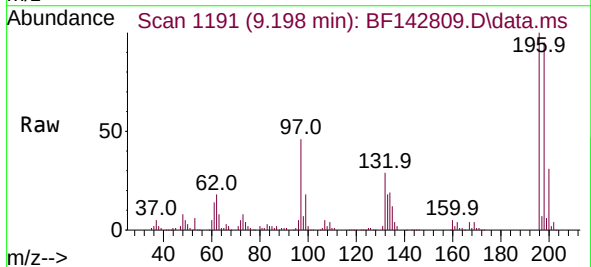
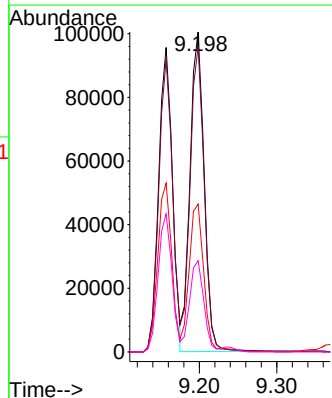


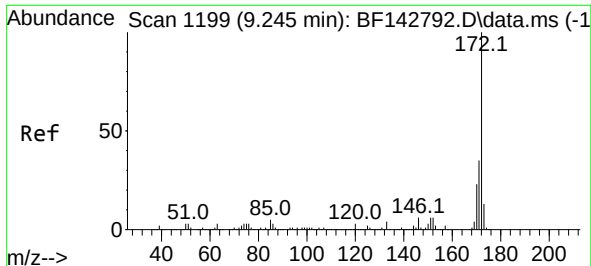
Tgt Ion:196 Resp: 118075
Ion Ratio Lower Upper
196 100
198 96.1 76.2 114.2
200 30.9 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 46.224 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion:196 Resp: 128243
Ion Ratio Lower Upper
196 100
198 95.4 76.6 115.0
97 46.2 38.2 57.2
132 28.5 23.4 35.0

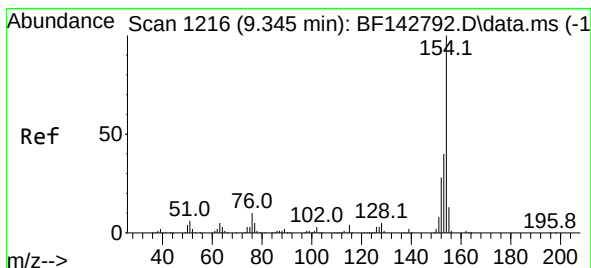
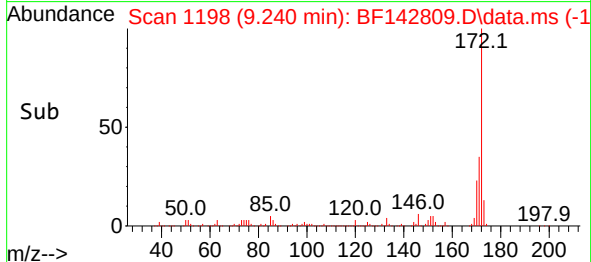
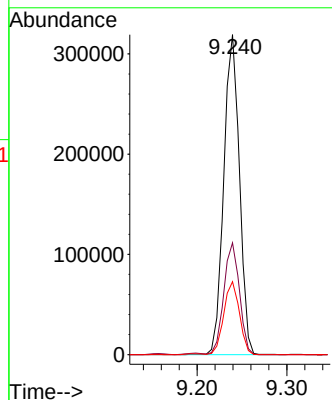
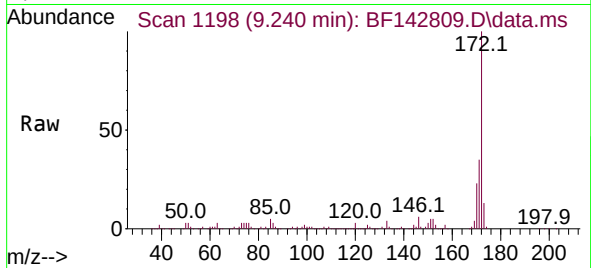




#45
2-Fluorobiphenyl
Concen: 37.213 ng
RT: 9.240 min Scan# 1199
Delta R.T. -0.005 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

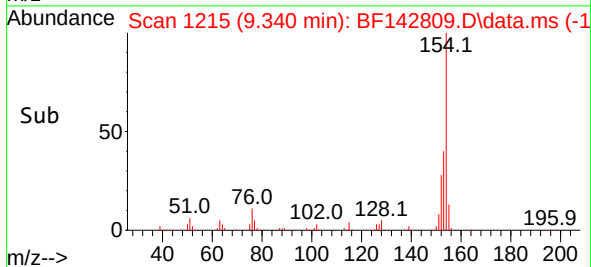
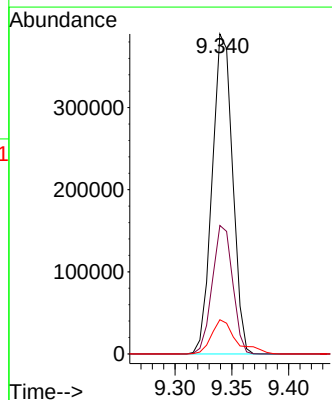
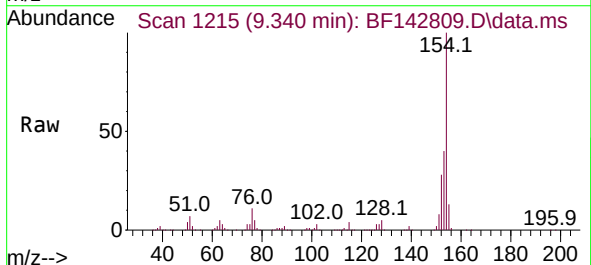
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

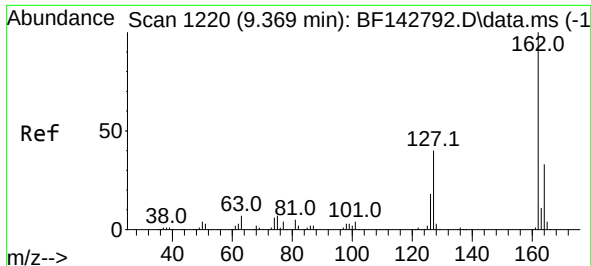
Tgt Ion:172 Resp: 388295
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 22.8 18.5 27.7



#46
1,1'-Biphenyl
Concen: 44.999 ng
RT: 9.340 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion:154 Resp: 487257
Ion Ratio Lower Upper
154 100
153 40.1 20.3 60.3
76 10.7 0.0 30.3





#47

2-Chloronaphthalene

Concen: 44.170 ng

RT: 9.369 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF142809.D

Acq: 23 Jun 2025 16:44

Instrument :

BNA_F

ClientSampleId :

MH-J-IMSD

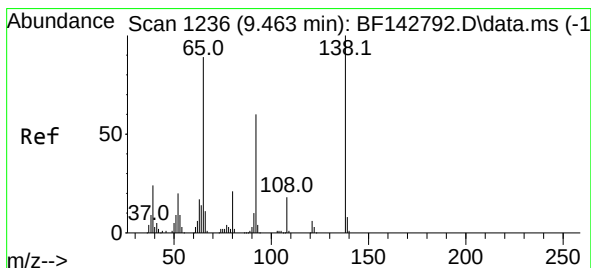
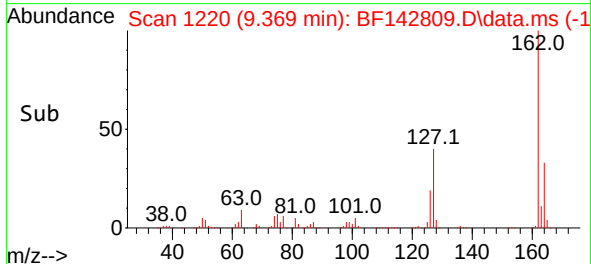
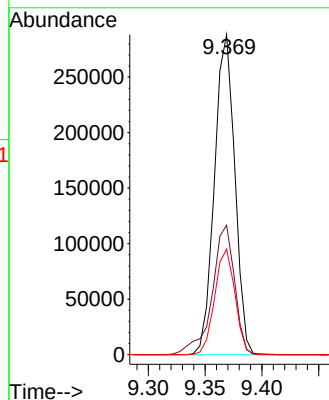
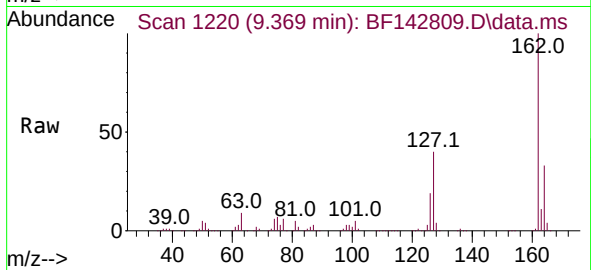
Tgt Ion:162 Resp: 358914

Ion Ratio Lower Upper

162 100

127 40.4 32.2 48.2

164 33.0 26.1 39.1



#48

2-Nitroaniline

Concen: 46.933 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF142809.D

Acq: 23 Jun 2025 16:44

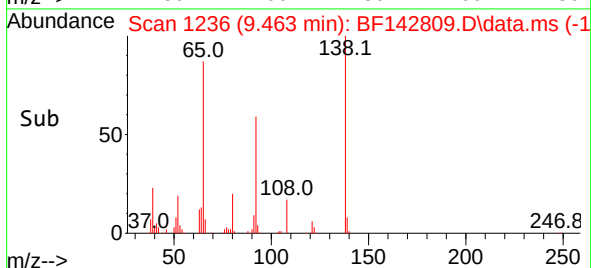
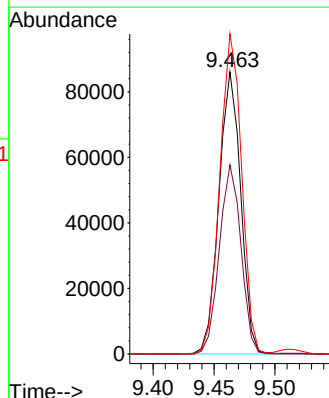
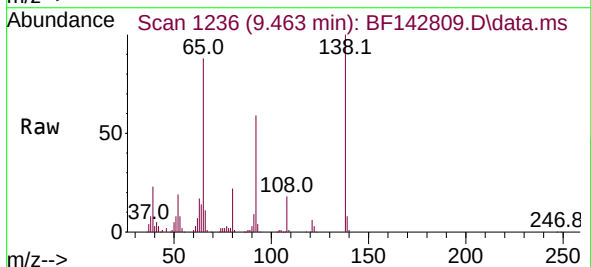
Tgt Ion: 65 Resp: 106919

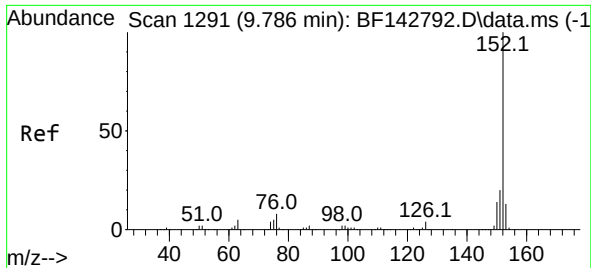
Ion Ratio Lower Upper

65 100

92 67.0 53.8 80.6

138 113.5 89.6 134.4

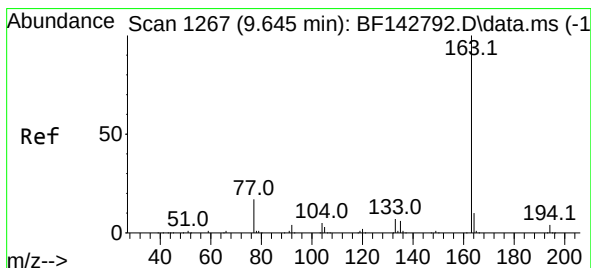
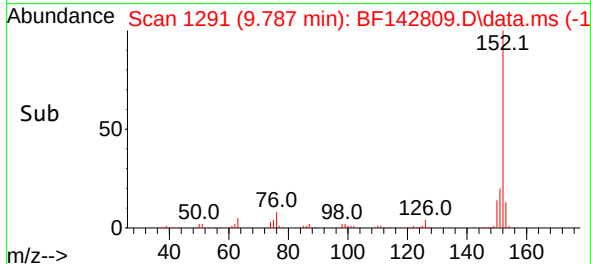
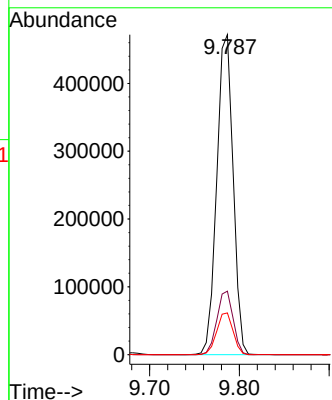
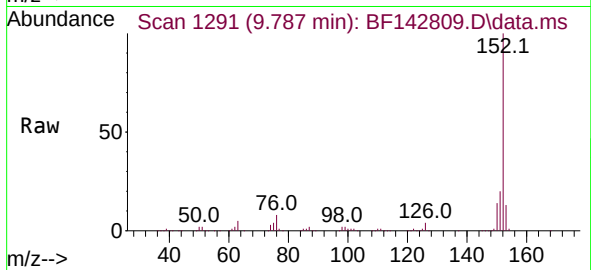




#49
Acenaphthylene
Concen: 44.929 ng
RT: 9.787 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

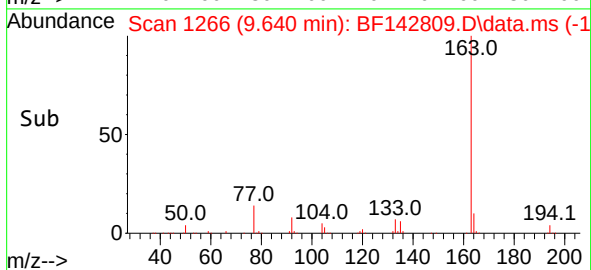
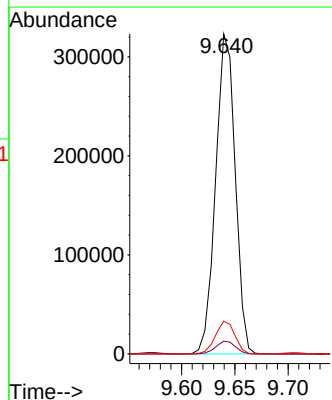
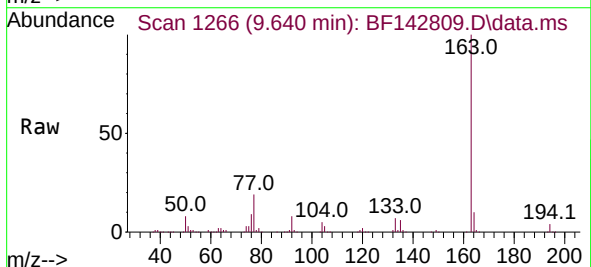
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

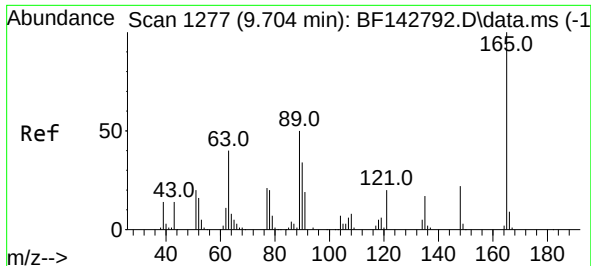
Tgt Ion:152 Resp: 601007
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 46.636 ng
RT: 9.640 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion:163 Resp: 413794
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 8.0 12.0

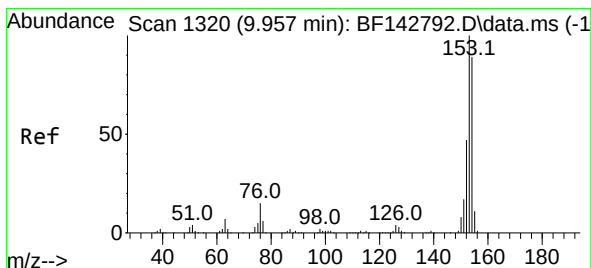
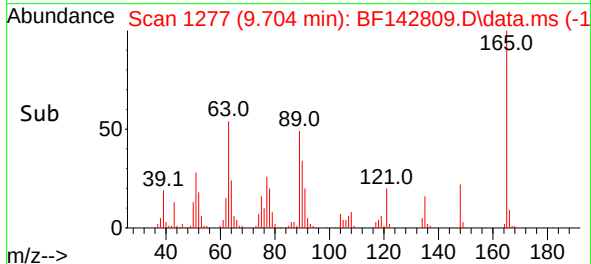
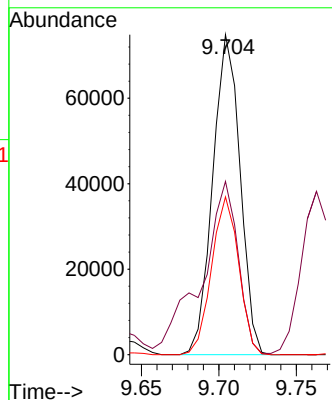
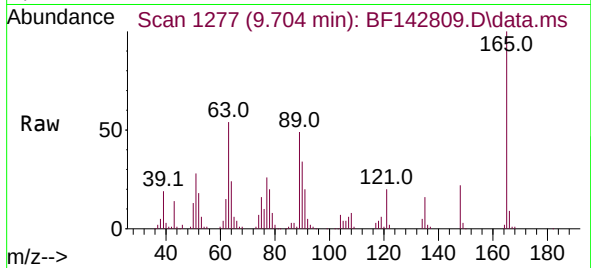




#51
2,6-Dinitrotoluene
Concen: 47.121 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

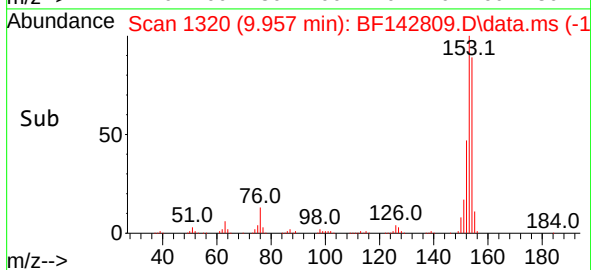
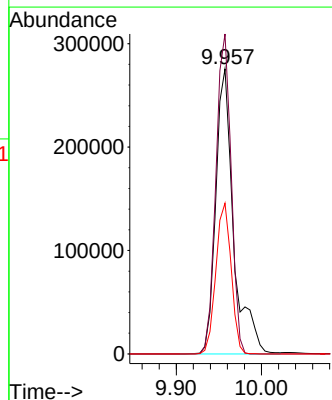
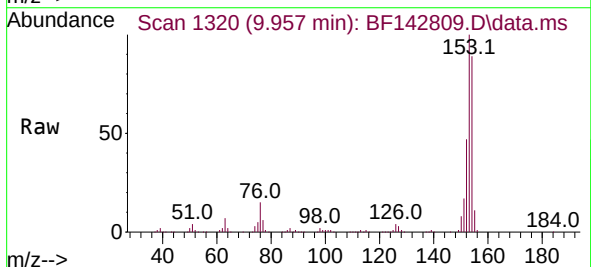
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

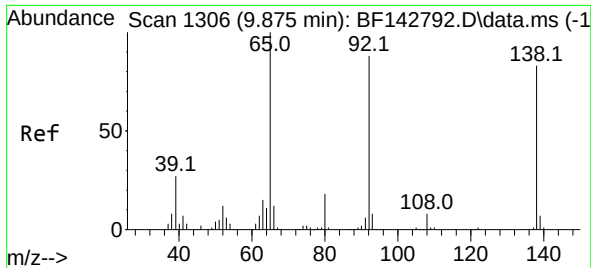
Tgt Ion:165 Resp: 91819
Ion Ratio Lower Upper
165 100
63 54.1 44.2 66.4
89 49.3 39.8 59.8



#52
Acenaphthene
Concen: 49.107 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion:154 Resp: 400784
Ion Ratio Lower Upper
154 100
153 112.3 90.0 135.0
152 52.8 41.9 62.9

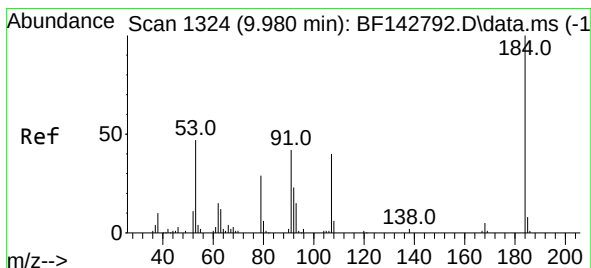
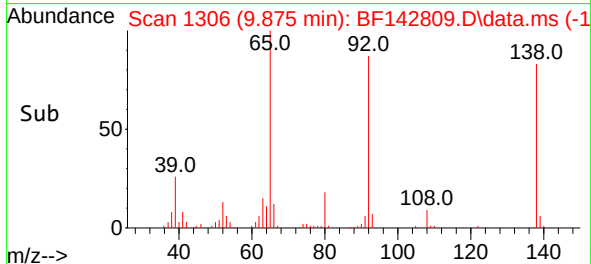
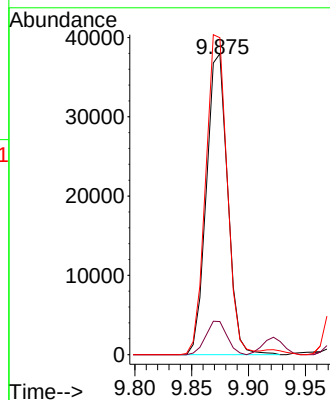
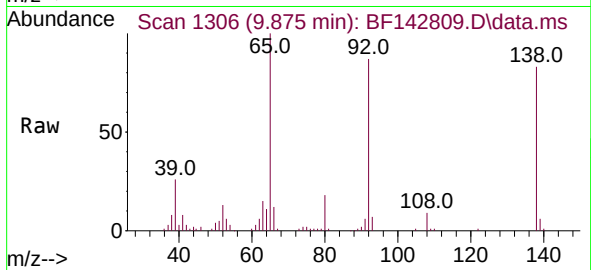




#53
3-Nitroaniline
Concen: 23.068 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

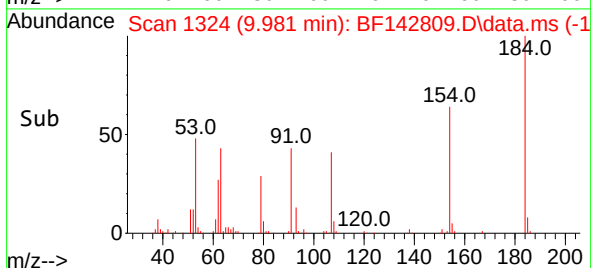
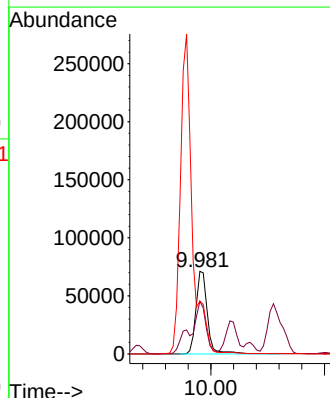
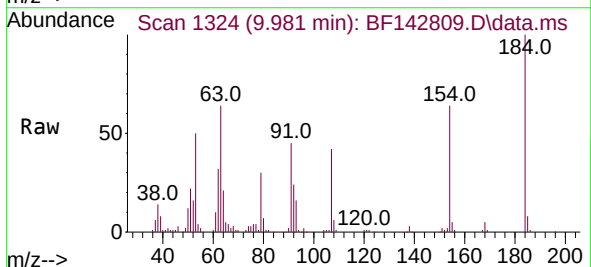
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

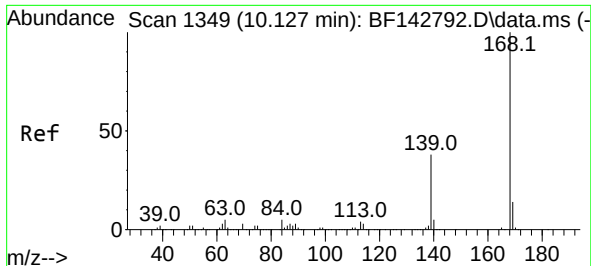
Tgt Ion:138 Resp: 49489
Ion Ratio Lower Upper
138 100
108 11.0 8.1 12.1
92 105.4 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 101.510 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion:184 Resp: 99042
Ion Ratio Lower Upper
184 100
63 63.7 50.6 75.8
154 64.0 51.8 77.8

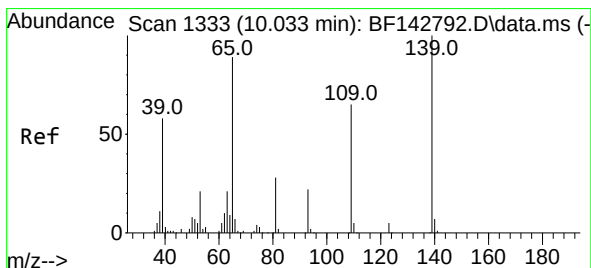
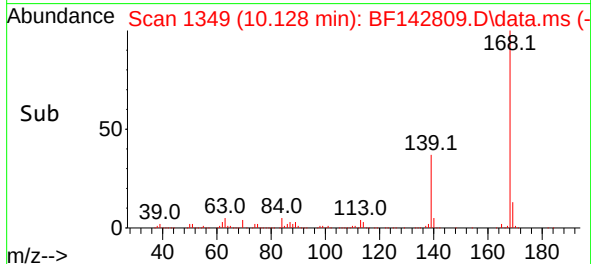
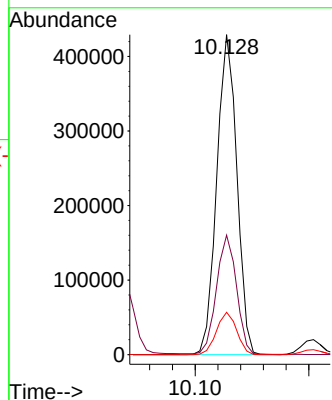
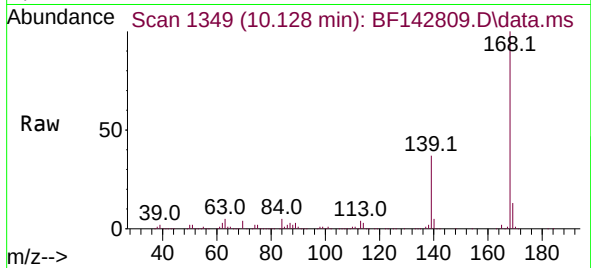




#55
Dibenzenofuran
Concen: 44.940 ng
RT: 10.128 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

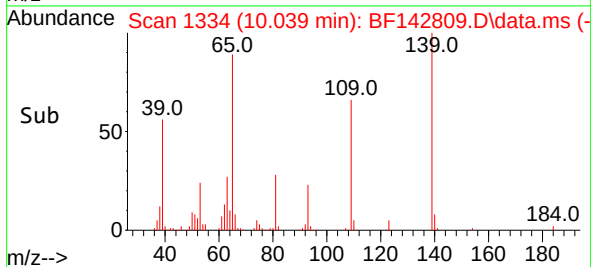
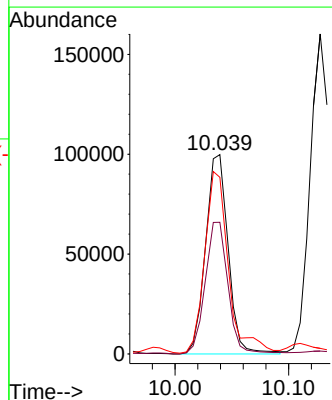
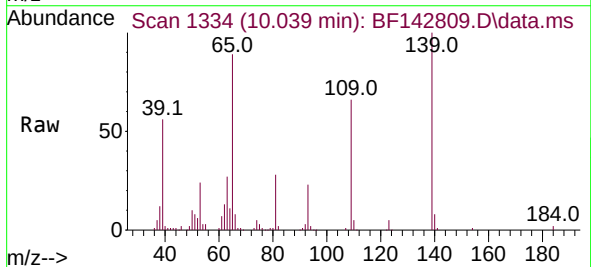
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

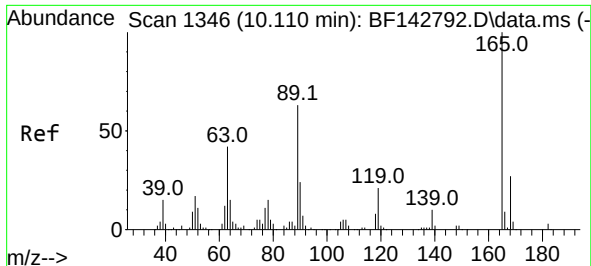
Tgt Ion:168 Resp: 525944
Ion Ratio Lower Upper
168 100
139 37.3 30.2 45.4
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 93.691 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

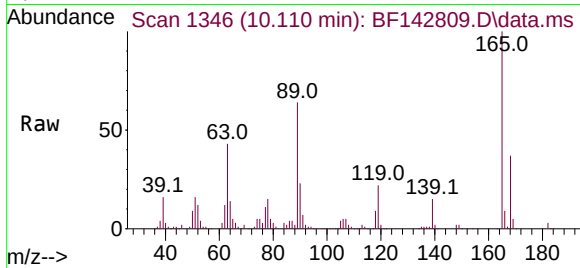
Tgt Ion:139 Resp: 137608
Ion Ratio Lower Upper
139 100
109 66.0 44.7 84.7
65 88.6 69.8 109.8



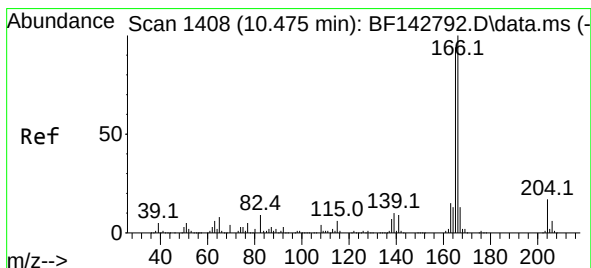
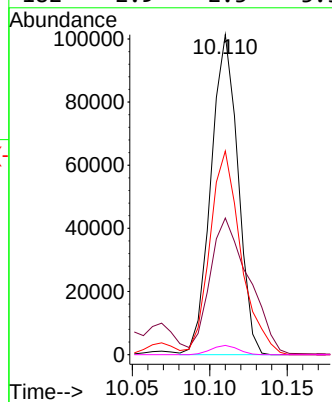
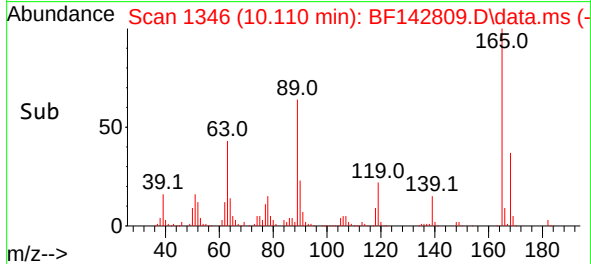


#57
2,4-Dinitrotoluene
Concen: 47.635 ng
RT: 10.110 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

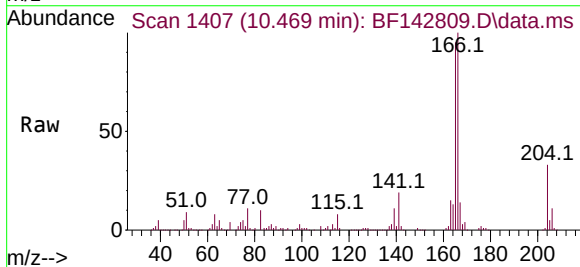
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD



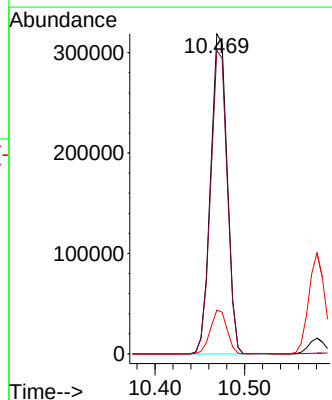
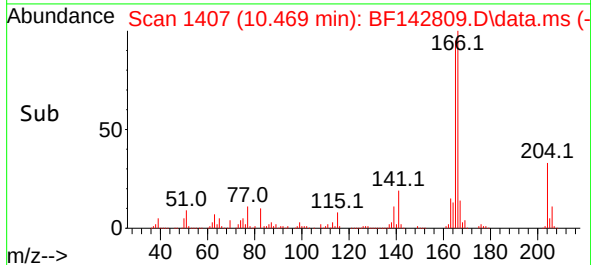
Tgt Ion:165 Resp: 123294
Ion Ratio Lower Upper
165 100
63 42.7 33.9 50.9
89 63.6 50.6 75.8
182 2.9 2.3 3.5

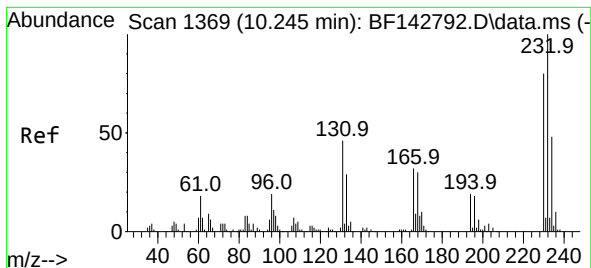


#58
Fluorene
Concen: 44.748 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44



Tgt Ion:166 Resp: 409005
Ion Ratio Lower Upper
166 100
165 94.9 75.2 112.8
167 13.7 10.6 15.8

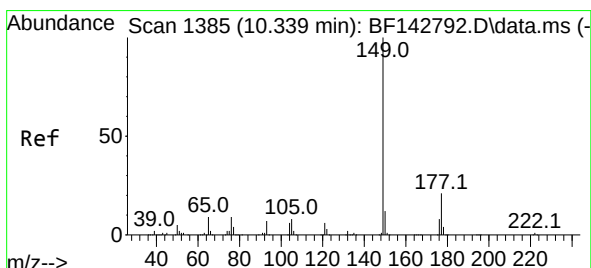
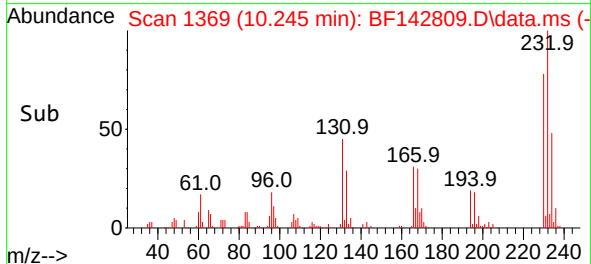
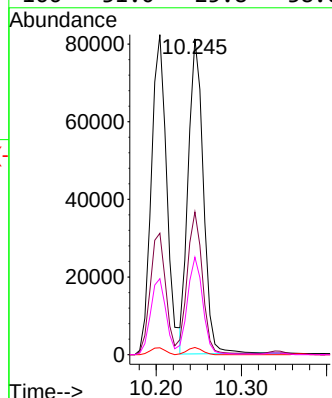
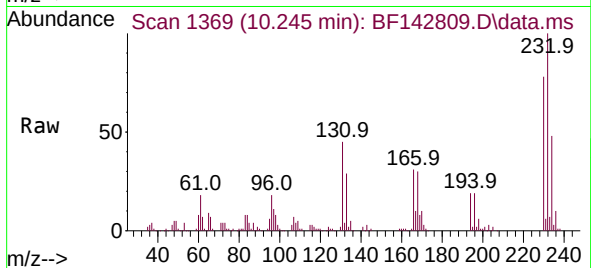




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.718 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

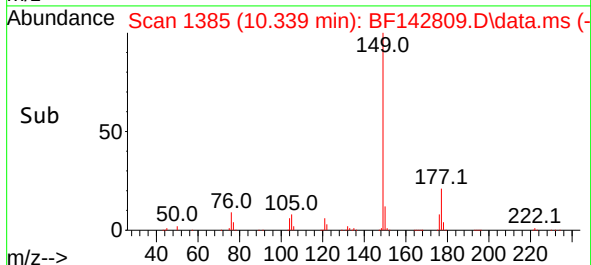
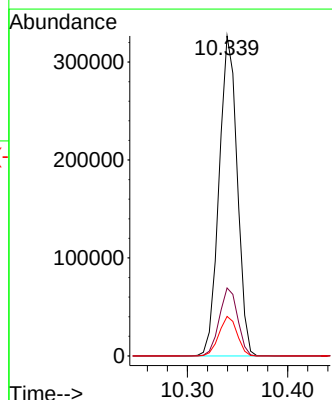
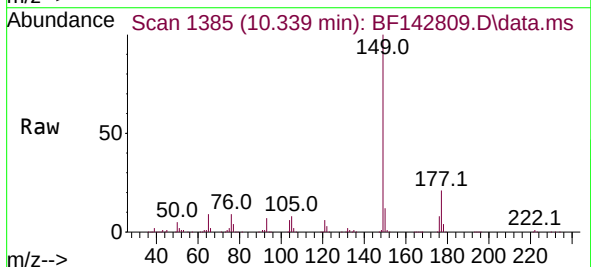
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

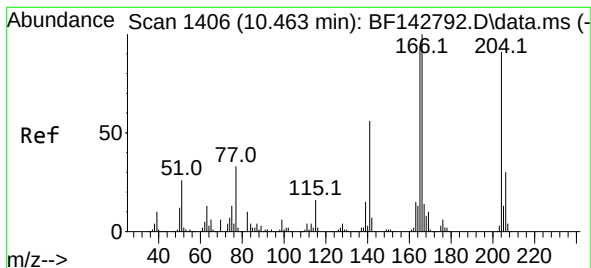
Tgt Ion:232 Resp: 100005
Ion Ratio Lower Upper
232 100
131 46.6 37.6 56.4
130 2.3 1.7 2.5
166 31.0 25.8 38.6



#60
Diethylphthalate
Concen: 47.315 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion:149 Resp: 411625
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.6
150 12.3 9.8 14.6

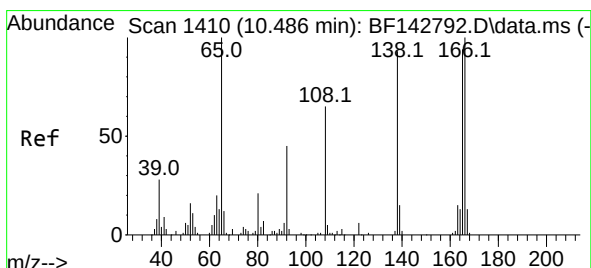
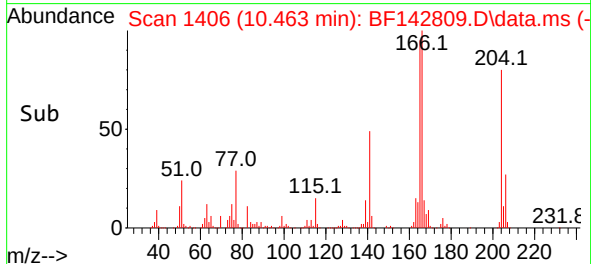
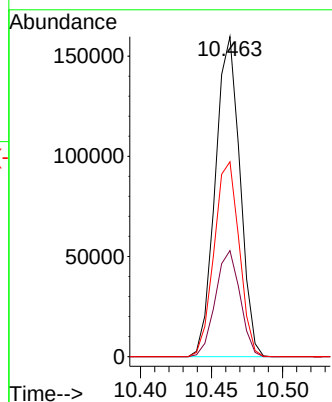
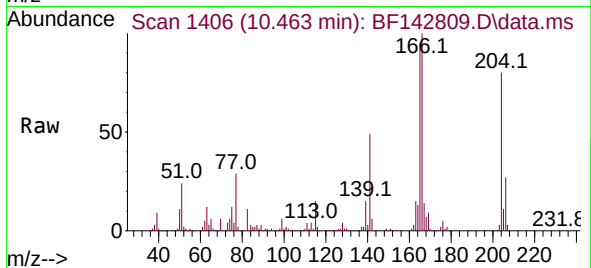




#61
4-Chlorophenyl-phenylether
Concen: 44.341 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

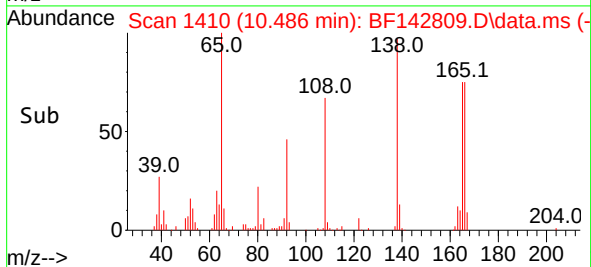
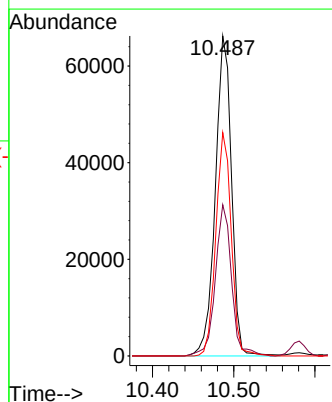
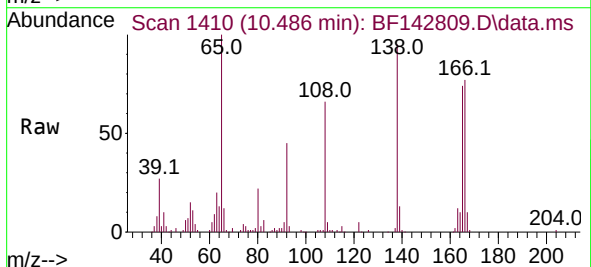
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

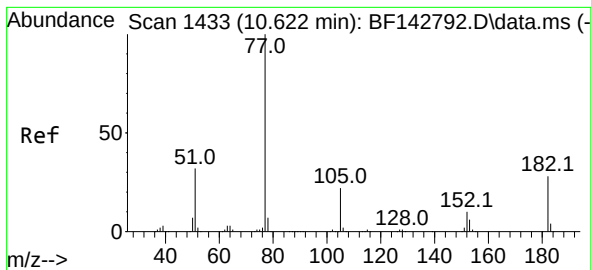
Tgt Ion:204 Resp: 193394
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 60.9 49.1 73.7



#62
4-Nitroaniline
Concen: 46.737 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion:138 Resp: 91704
Ion Ratio Lower Upper
138 100
92 47.2 28.4 68.4
108 69.8 50.2 90.2





#63

Azobenzene

Concen: 48.614 ng

RT: 10.622 min Scan# 1433

Delta R.T. 0.000 min

Lab File: BF142809.D

Acq: 23 Jun 2025 16:44

Instrument :

BNA_F

ClientSampleId :

MH-J-IMSD

Tgt Ion: 77 Resp: 377995

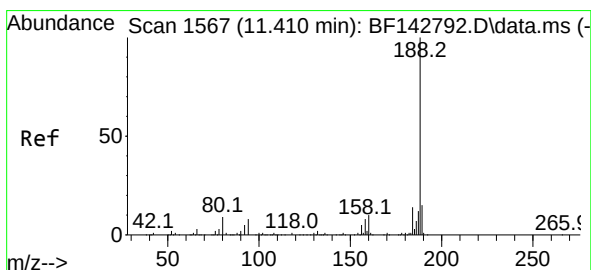
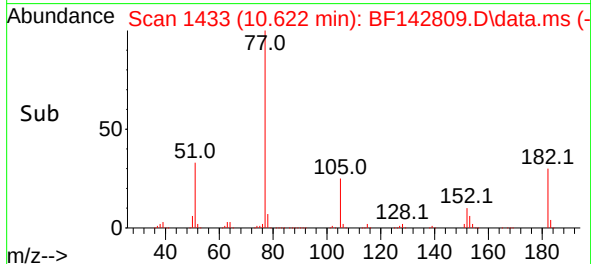
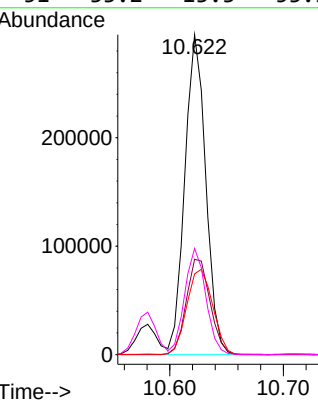
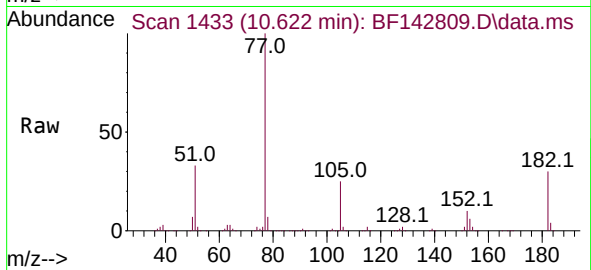
Ion Ratio Lower Upper

77 100

182 29.8 7.7 47.7

105 25.2 1.9 41.9

51 33.2 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: BF142809.D

Acq: 23 Jun 2025 16:44

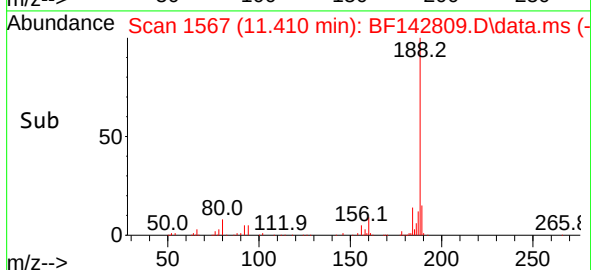
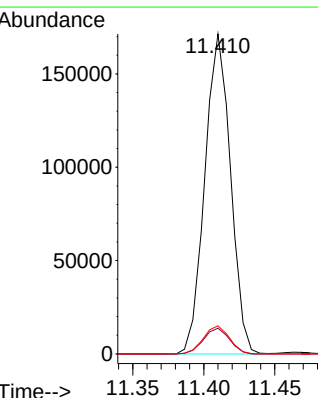
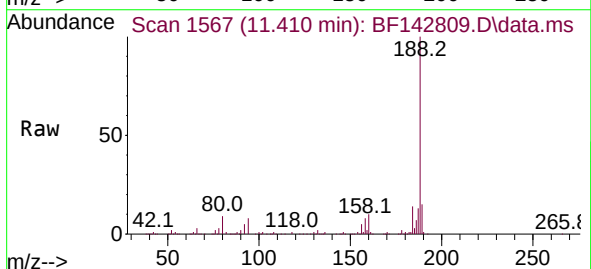
Tgt Ion:188 Resp: 215505

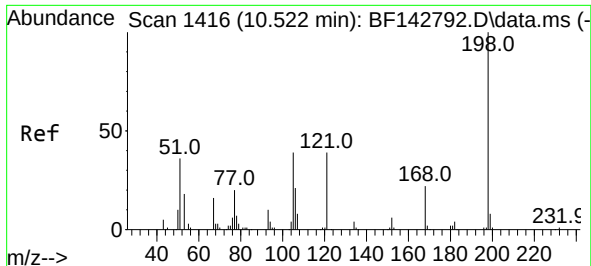
Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

80 8.8 6.9 10.3

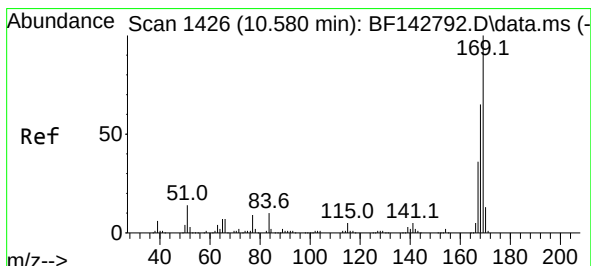
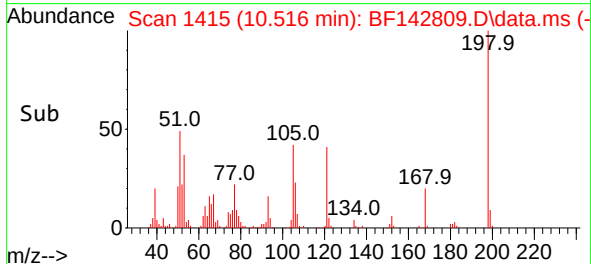
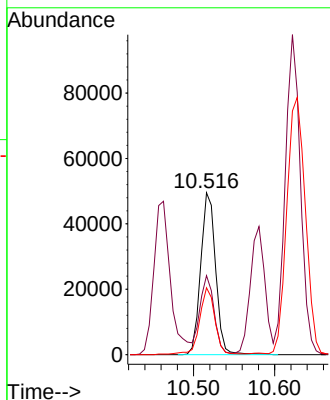
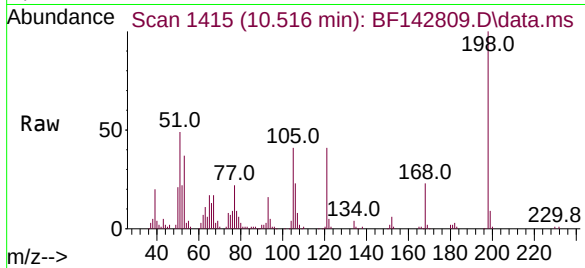




#65
4,6-Dinitro-2-methylphenol
Concen: 48.451 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

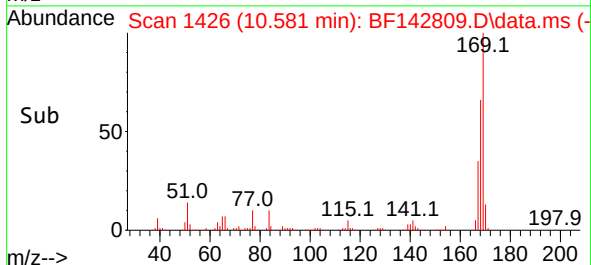
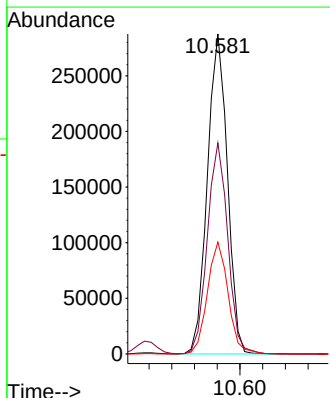
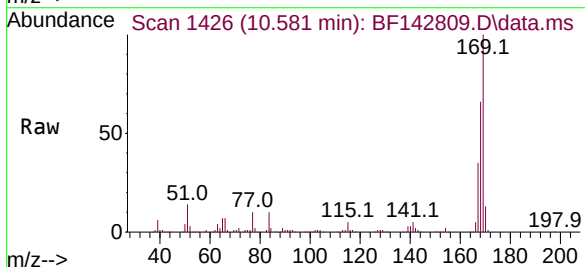
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

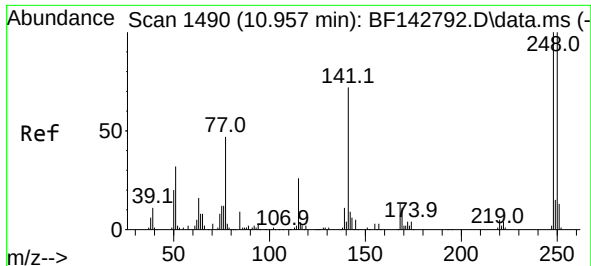
Tgt Ion:198 Resp: 63157
Ion Ratio Lower Upper
198 100
51 48.8 25.4 65.4
105 41.3 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 47.132 ng
RT: 10.581 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion:169 Resp: 352022
Ion Ratio Lower Upper
169 100
168 65.9 51.9 77.9
167 34.9 28.5 42.7

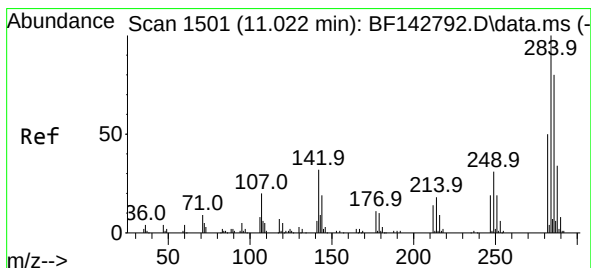
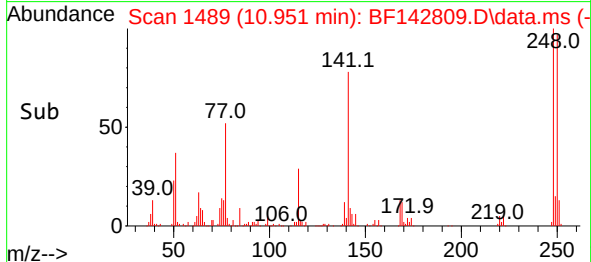
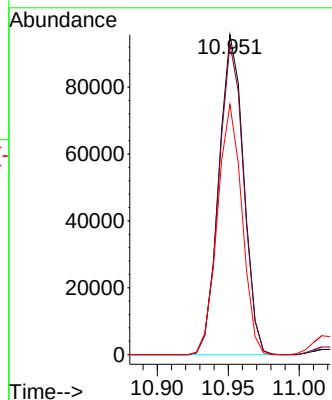
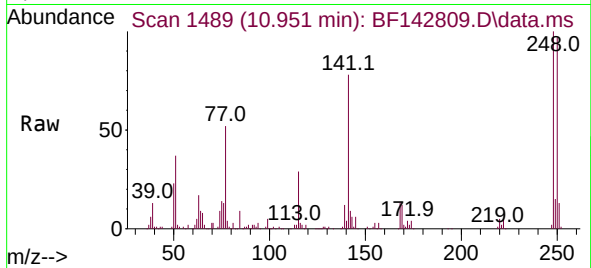




#67
4-Bromophenyl-phenylether
Concen: 47.414 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

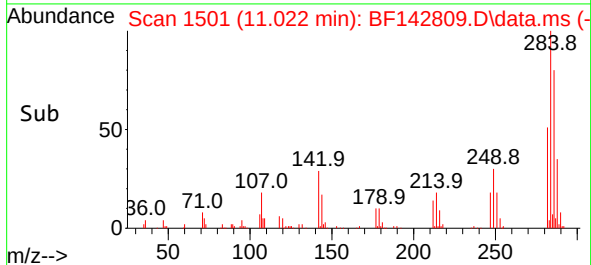
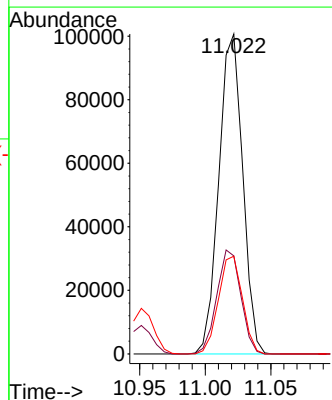
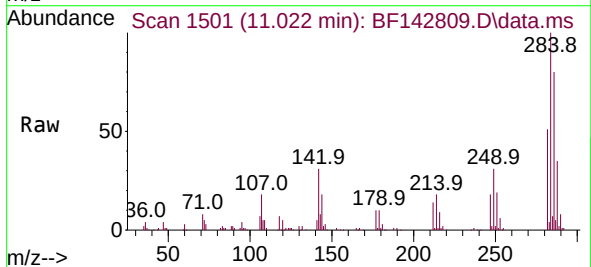
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

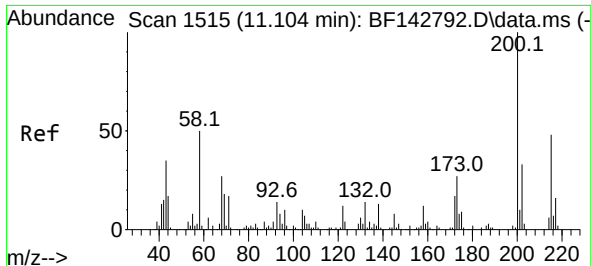
Tgt Ion:248 Resp: 116290
Ion Ratio Lower Upper
248 100
250 97.1 79.8 119.8
141 78.2 57.8 86.6



#68
Hexachlorobenzene
Concen: 46.866 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion:284 Resp: 127724
Ion Ratio Lower Upper
284 100
142 30.6 25.5 38.3
249 30.5 24.9 37.3

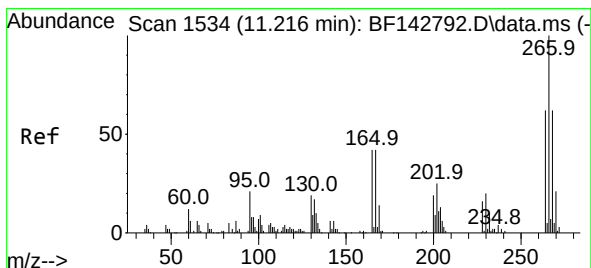
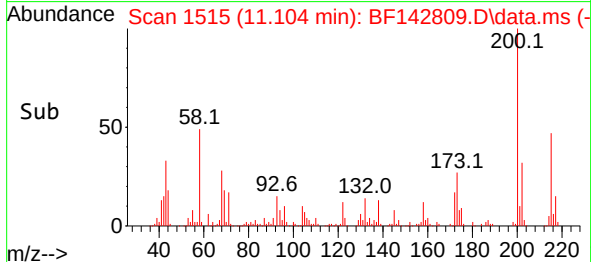
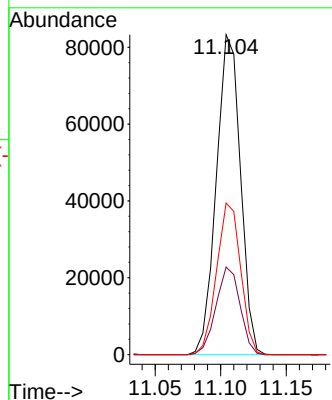
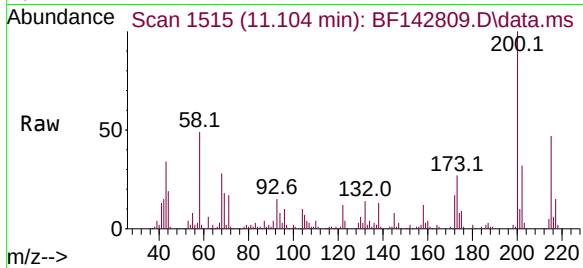




#69
 Atrazine
 Concen: 55.300 ng
 RT: 11.104 min Scan# 1515
 Delta R.T. 0.000 min
 Lab File: BF142809.D
 Acq: 23 Jun 2025 16:44

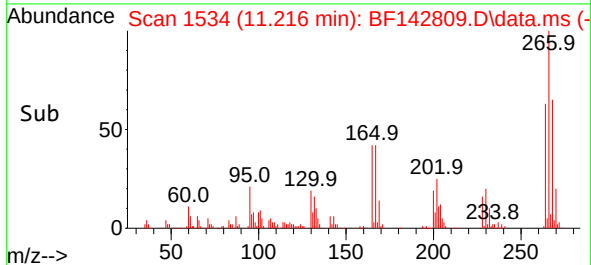
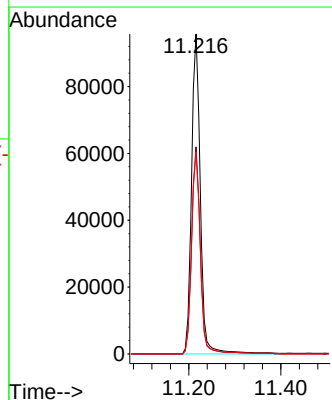
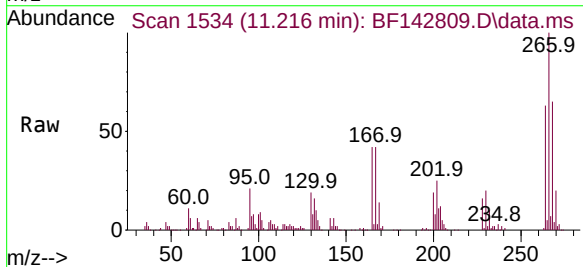
Instrument :
 BNA_F
 ClientSampleId :
 MH-J-IMSD

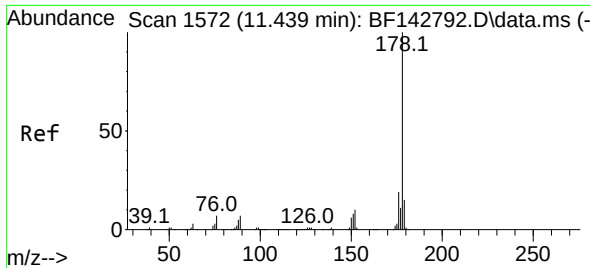
Tgt Ion:200 Resp: 106658
 Ion Ratio Lower Upper
 200 100
 173 27.4 7.4 47.4
 215 47.4 28.4 68.4



#70
 Pentachlorophenol
 Concen: 94.382 ng
 RT: 11.216 min Scan# 1534
 Delta R.T. 0.000 min
 Lab File: BF142809.D
 Acq: 23 Jun 2025 16:44

Tgt Ion:266 Resp: 128172
 Ion Ratio Lower Upper
 266 100
 268 64.7 49.8 74.8
 264 63.1 49.9 74.9

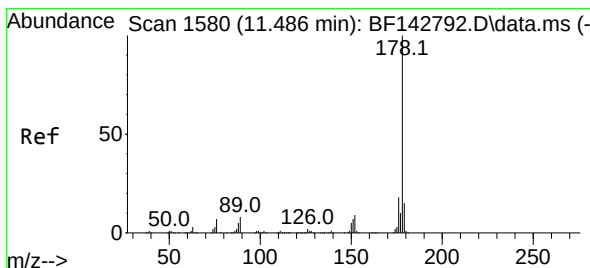
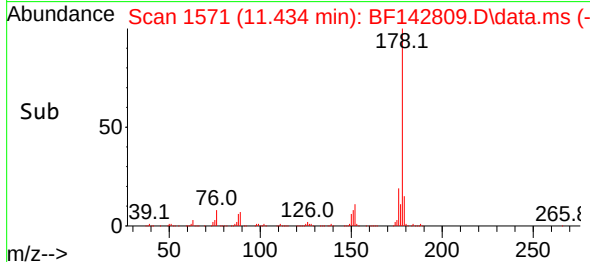
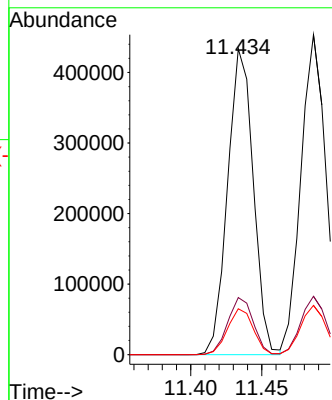
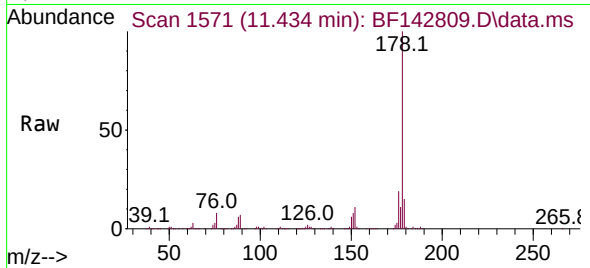




#71
Phenanthrene
Concen: 46.662 ng
RT: 11.434 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

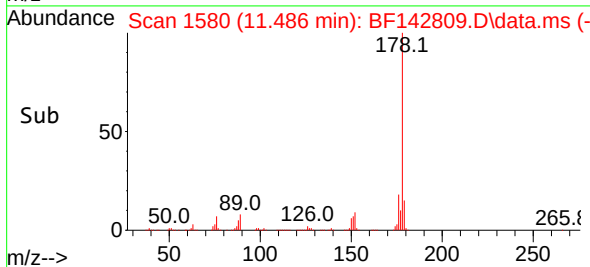
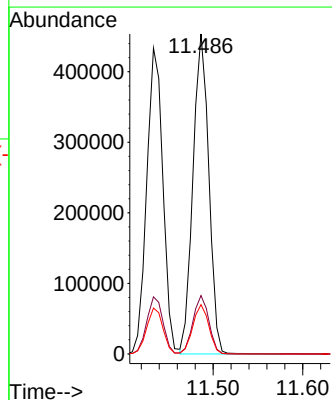
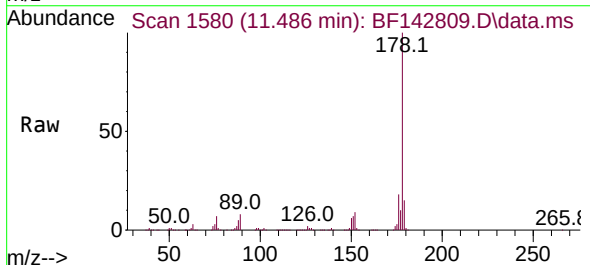
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

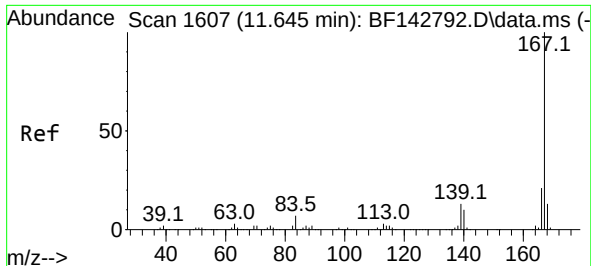
Tgt Ion:178 Resp: 544727
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.0 12.0 18.0



#72
Anthracene
Concen: 46.437 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

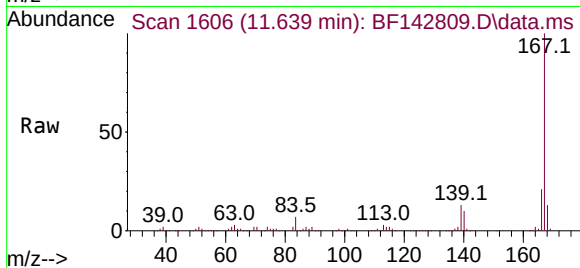
Tgt Ion:178 Resp: 555972
Ion Ratio Lower Upper
178 100
176 18.2 14.6 21.8
179 15.4 12.4 18.6



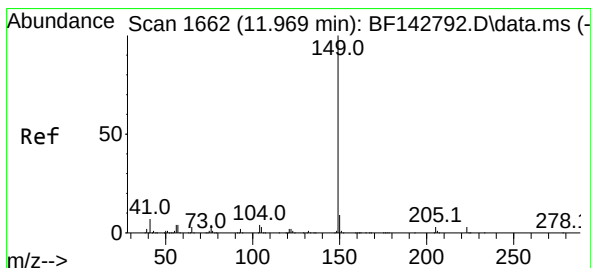
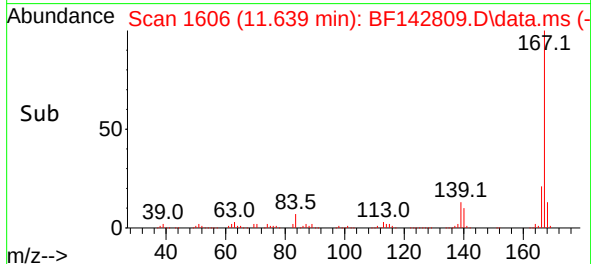
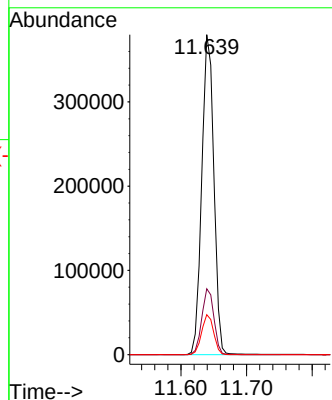


#73
 Carbazole
 Concen: 46.787 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF142809.D
 Acq: 23 Jun 2025 16:44

Instrument :
 BNA_F
 ClientSampleId :
 MH-J-IMSD

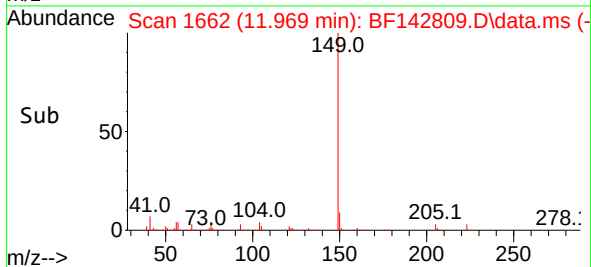
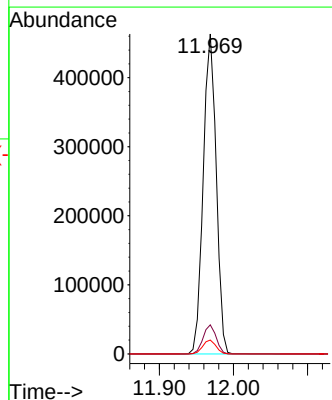
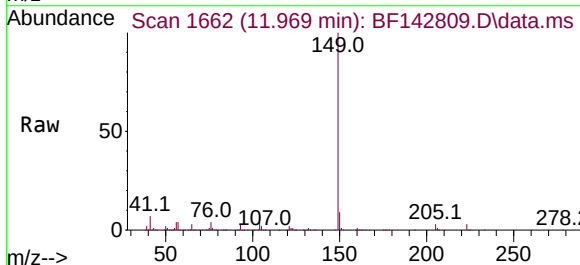


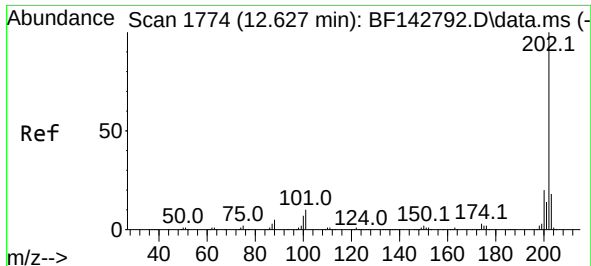
Tgt Ion:167 Resp: 483397
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.0 25.4
 139 12.5 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 52.305 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF142809.D
 Acq: 23 Jun 2025 16:44

Tgt Ion:149 Resp: 562976
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.3 3.5 5.3

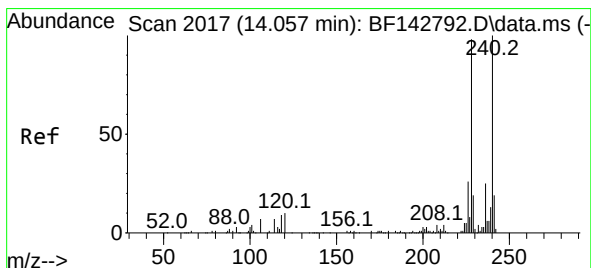
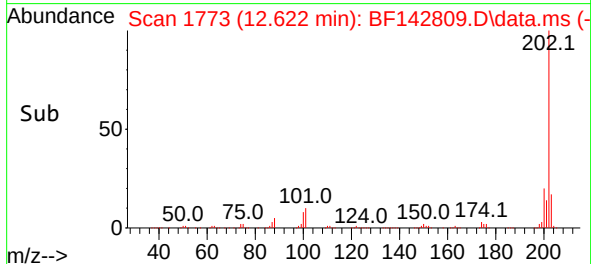
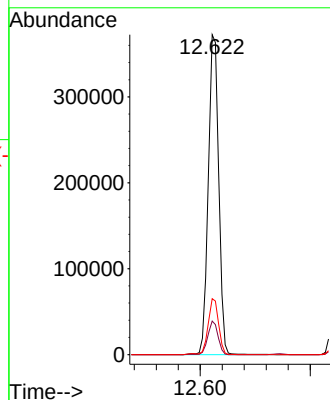
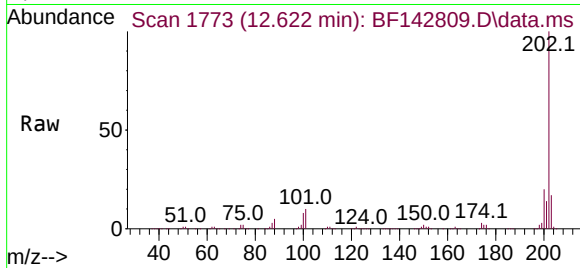




#75
Fluoranthene
Concen: 44.160 ng
RT: 12.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

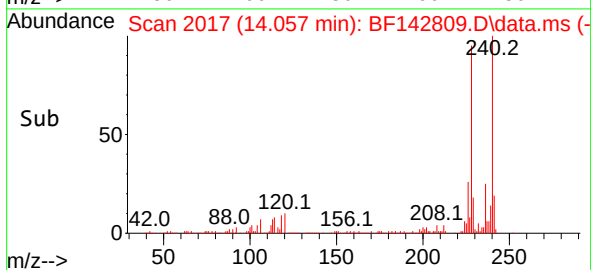
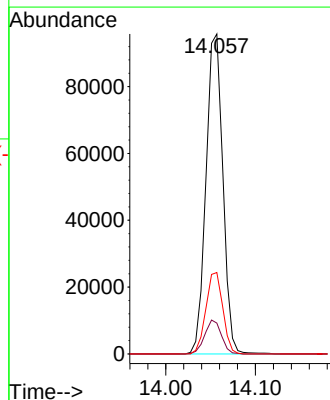
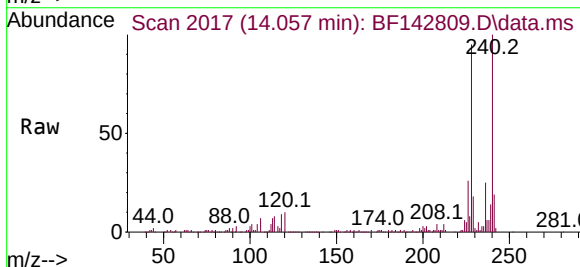
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

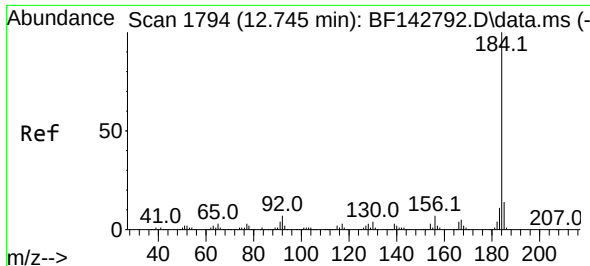
Tgt Ion:	202	Resp:	489254
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	29.7
203	17.5	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion:	240	Resp:	125495
Ion Ratio	Lower	Upper	
240	100		
120	9.6	8.2	12.2
236	25.4	19.8	29.8

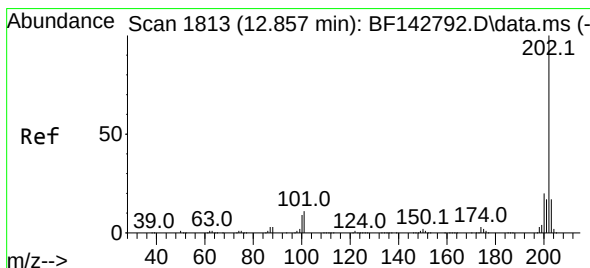
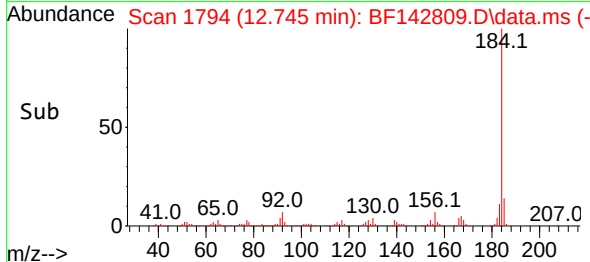
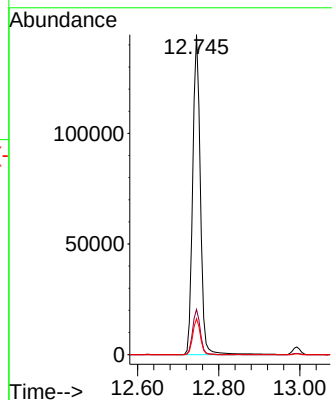
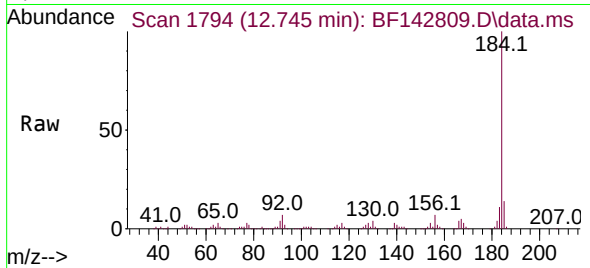




#77
Benzidine
Concen: 39.977 ng
RT: 12.745 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

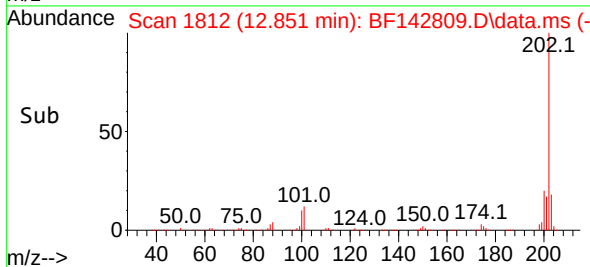
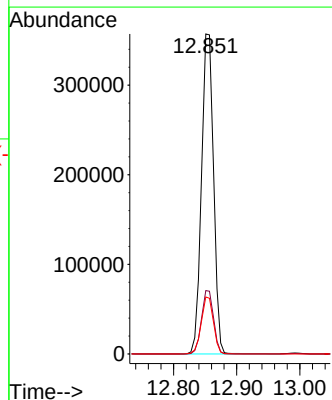
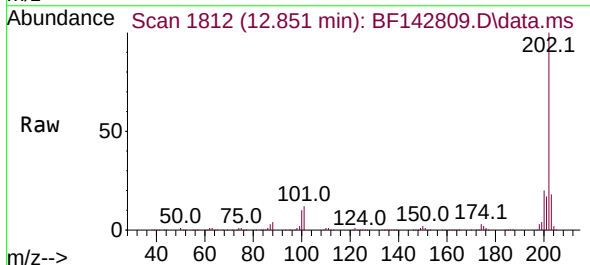
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

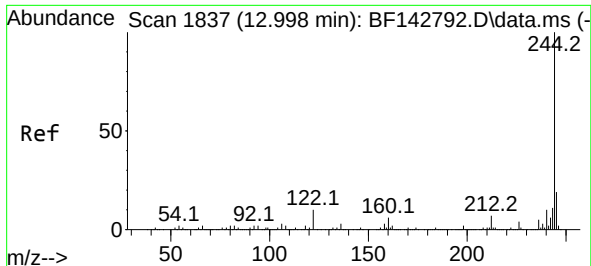
Tgt Ion:184 Resp: 188489
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.2 9.0 13.4



#78
Pyrene
Concen: 40.321 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion:202 Resp: 474298
Ion Ratio Lower Upper
202 100
200 19.8 15.7 23.5
203 17.8 13.8 20.6

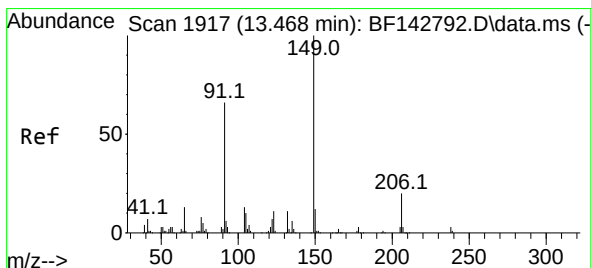
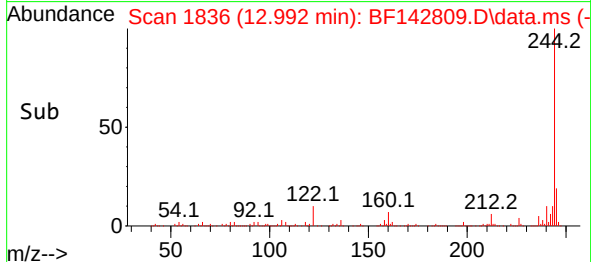
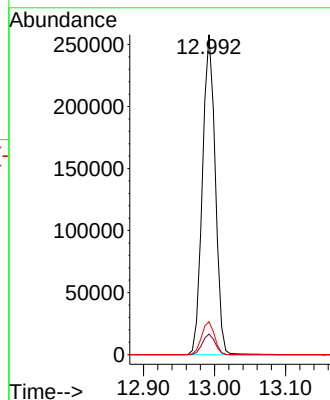
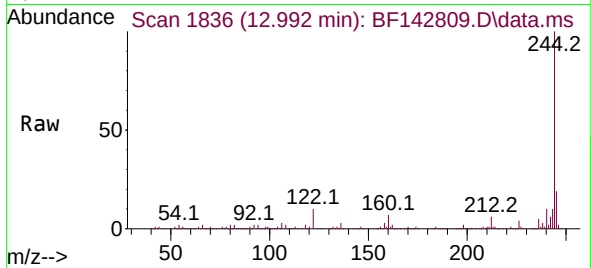




#79
 Terphenyl-d14
 Concen: 35.378 ng
 RT: 12.992 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF142809.D
 Acq: 23 Jun 2025 16:44

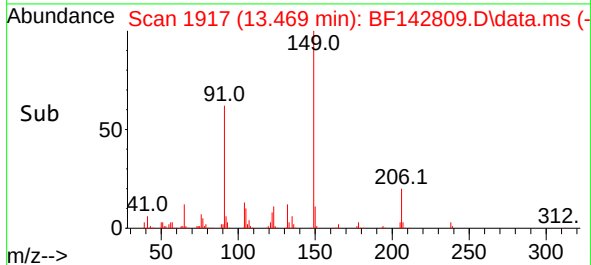
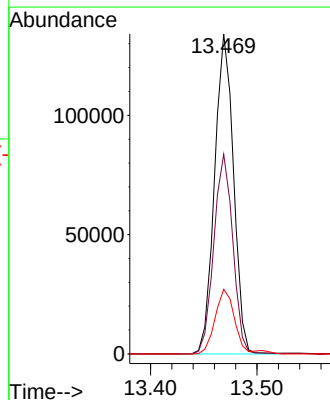
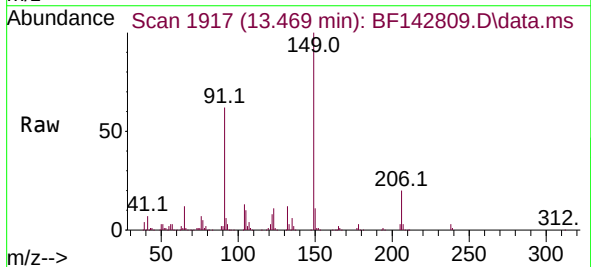
Instrument :
 BNA_F
 ClientSampleId :
 MH-J-IMSD

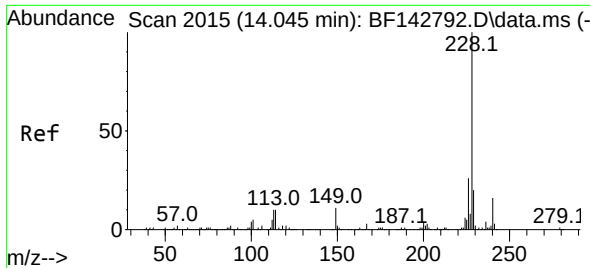
Tgt Ion:244 Resp: 321327
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 10.3 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 48.685 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF142809.D
 Acq: 23 Jun 2025 16:44

Tgt Ion:149 Resp: 166121
 Ion Ratio Lower Upper
 149 100
 91 62.4 52.9 79.3
 206 20.2 16.3 24.5

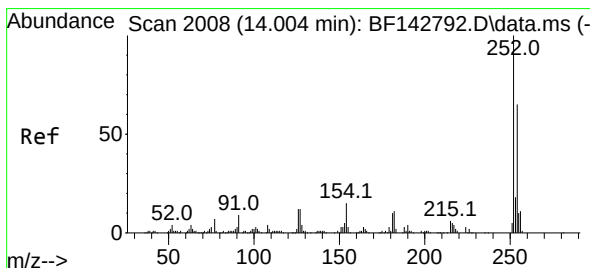
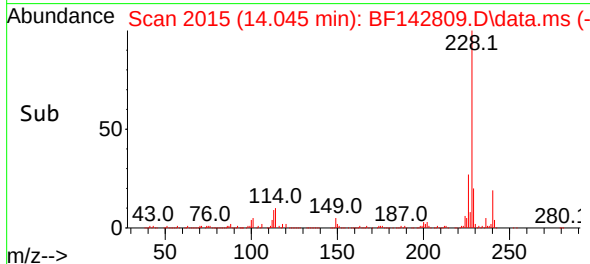
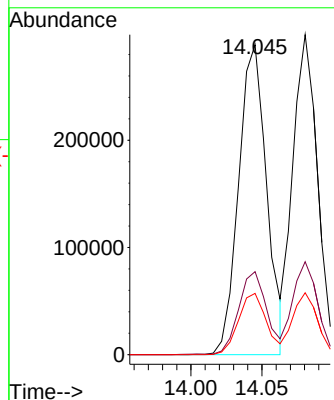
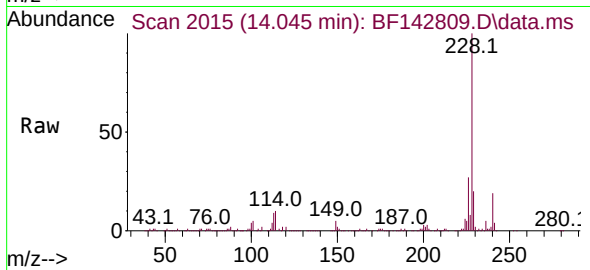




#81
Benzo(a)anthracene
Concen: 46.894 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

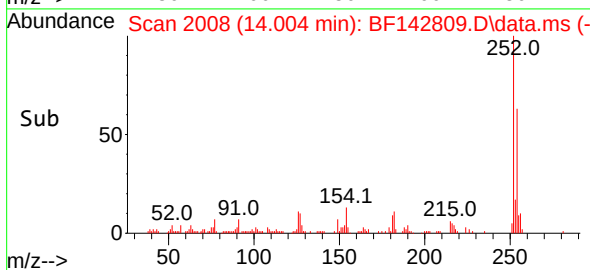
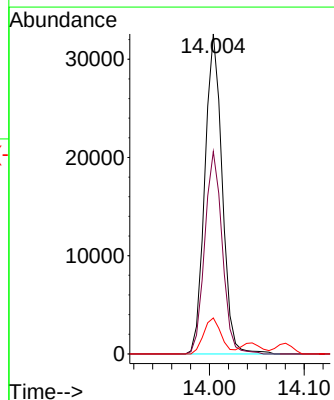
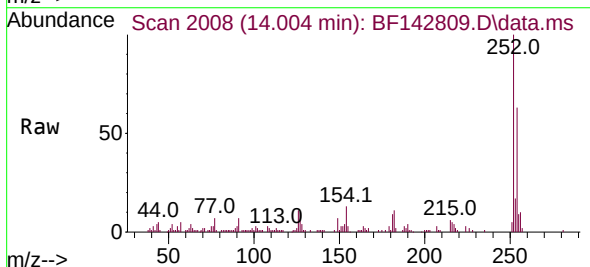
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

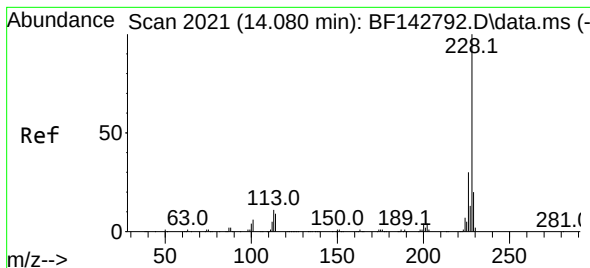
Tgt Ion:228 Resp: 397000
Ion Ratio Lower Upper
228 100
226 26.8 21.2 31.8
229 19.7 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 15.114 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion:252 Resp: 41502
Ion Ratio Lower Upper
252 100
254 63.2 51.7 77.5
126 11.2 9.4 14.2





#83

Chrysene

Concen: 47.757 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF142809.D

Acq: 23 Jun 2025 16:44

Instrument :

BNA_F

ClientSampleId :

MH-J-IMSD

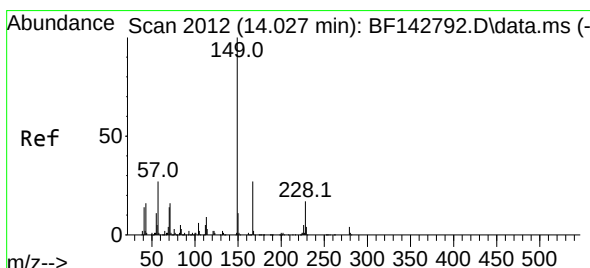
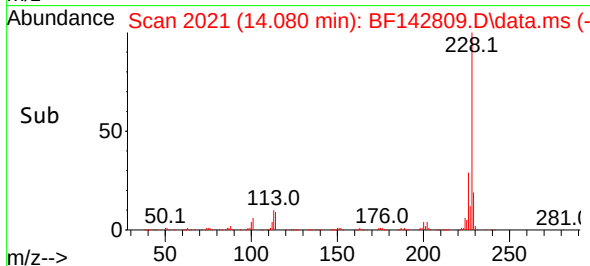
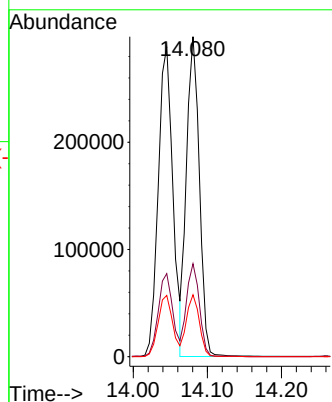
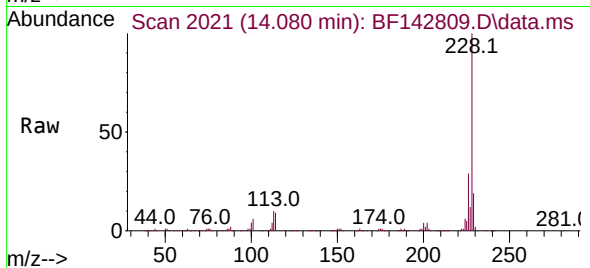
Tgt Ion:228 Resp: 360777

Ion Ratio Lower Upper

228 100

226 29.0 23.7 35.5

229 19.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.661 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142809.D

Acq: 23 Jun 2025 16:44

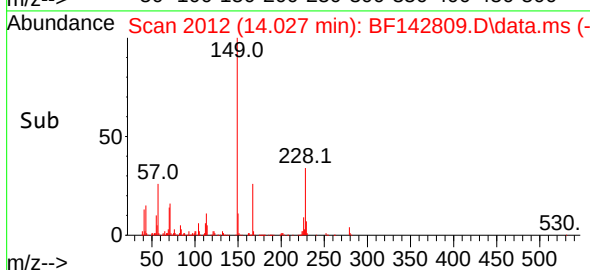
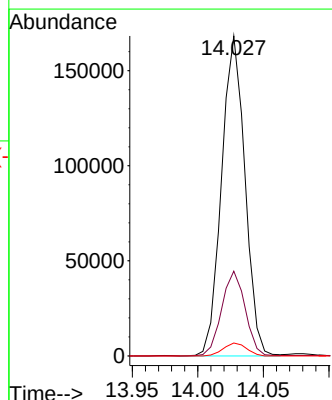
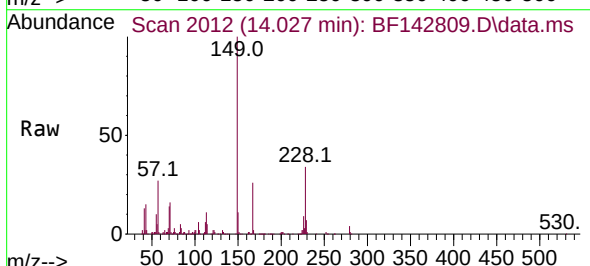
Tgt Ion:149 Resp: 209437

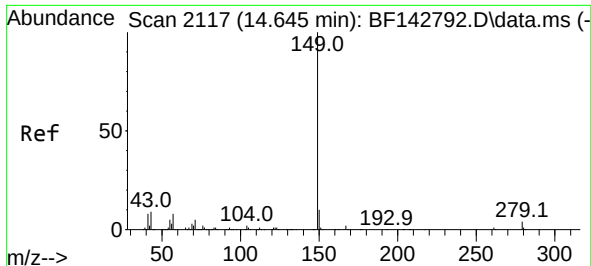
Ion Ratio Lower Upper

149 100

167 26.5 21.4 32.0

279 4.0 3.0 4.6

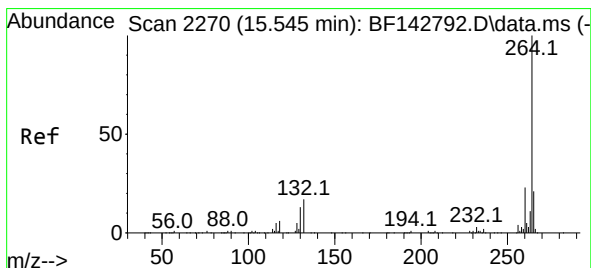
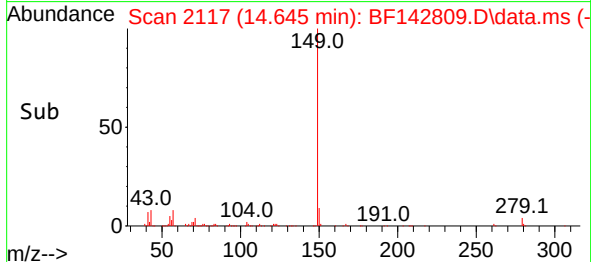
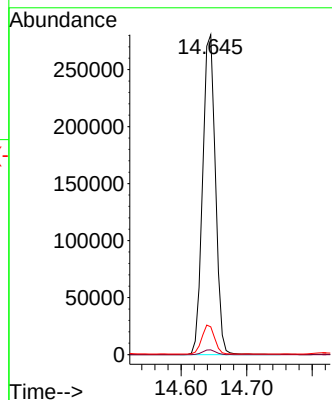
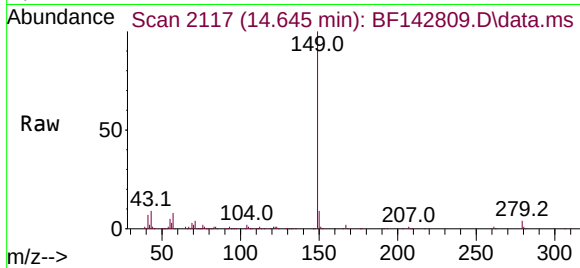




#85
Di-n-octyl phthalate
Concen: 40.768 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

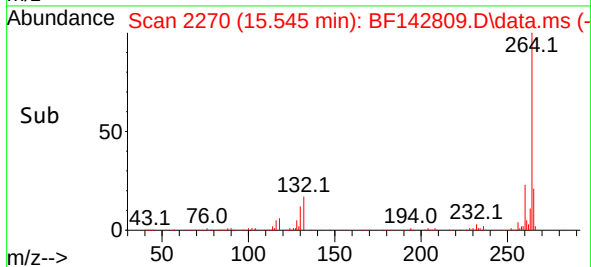
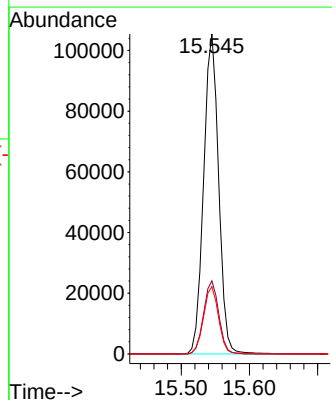
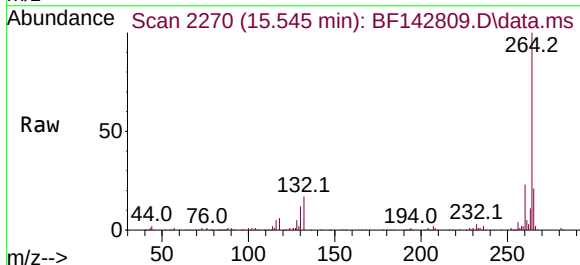
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

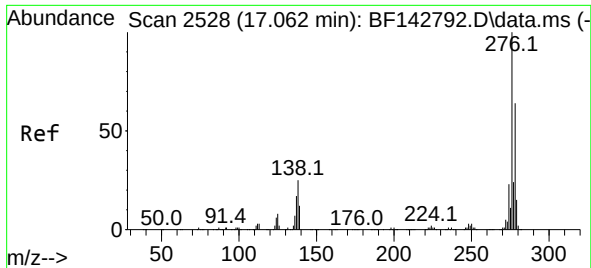
Tgt Ion:149 Resp: 377399
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.1 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion:264 Resp: 161231
Ion Ratio Lower Upper
264 100
260 22.8 18.1 27.1
265 21.0 16.6 25.0

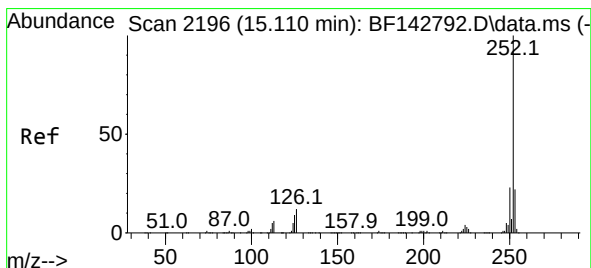
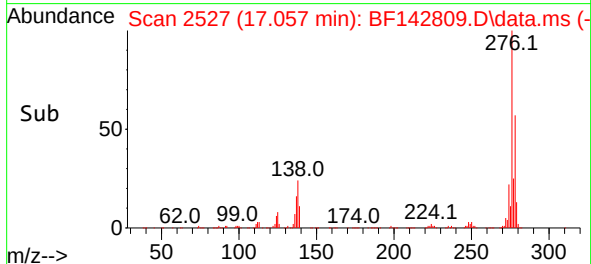
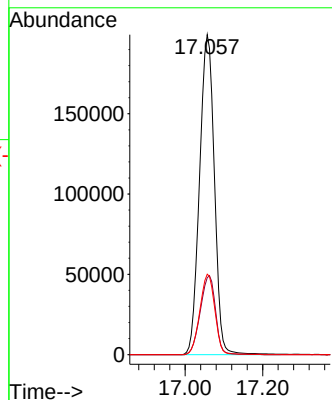
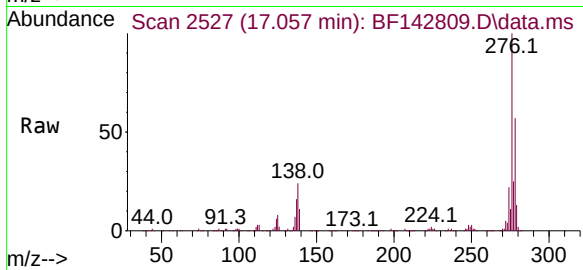




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.083 ng
RT: 17.057 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

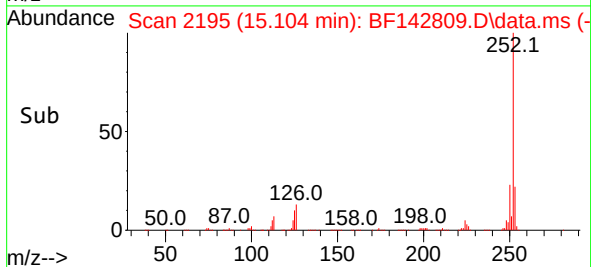
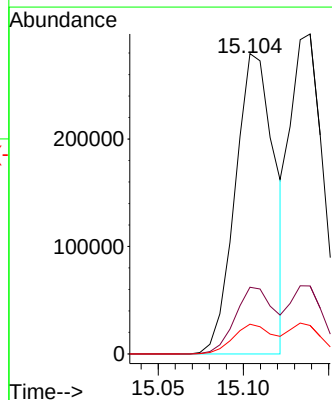
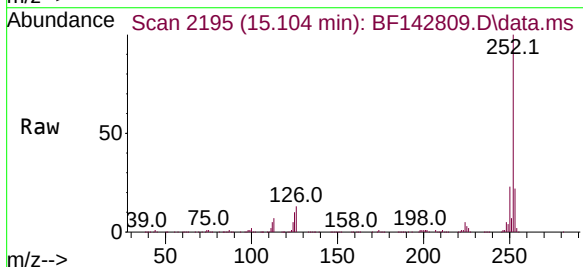
Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

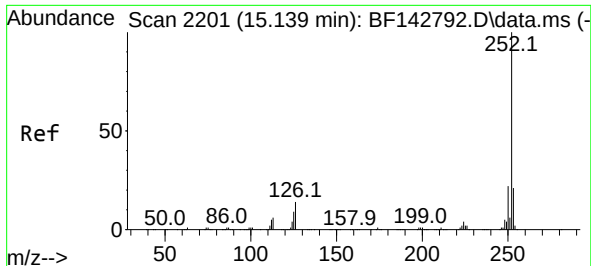
Tgt Ion:276 Resp: 529089
Ion Ratio Lower Upper
276 100
138 25.3 20.2 30.4
277 25.3 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 48.027 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion:252 Resp: 448074
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 46.029 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF142809.D

Acq: 23 Jun 2025 16:44

Instrument :

BNA_F

ClientSampleId :

MH-J-IMSD

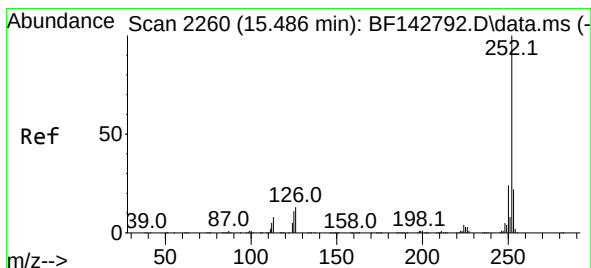
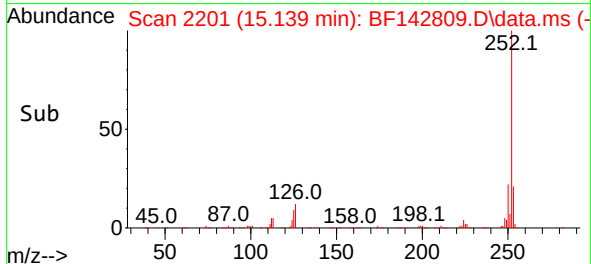
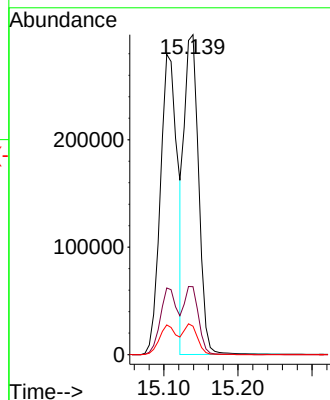
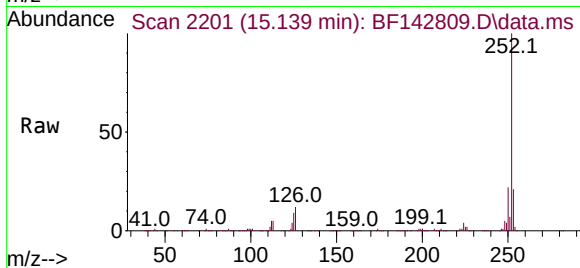
Tgt Ion:252 Resp: 401768

Ion Ratio Lower Upper

252 100

253 21.2 17.2 25.8

125 8.9 7.4 11.2



#90

Benzo(a)pyrene

Concen: 47.281 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF142809.D

Acq: 23 Jun 2025 16:44

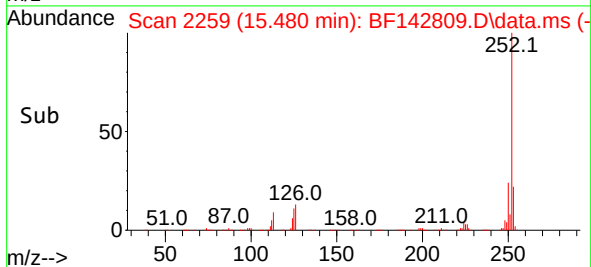
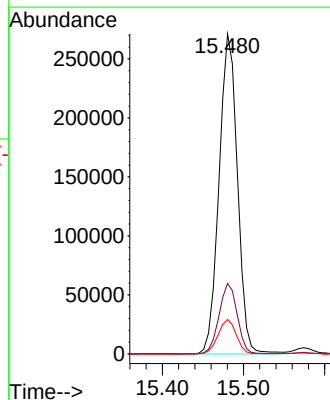
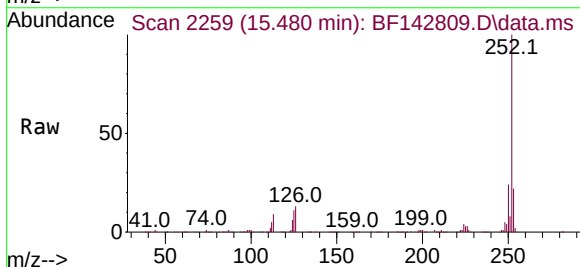
Tgt Ion:252 Resp: 426146

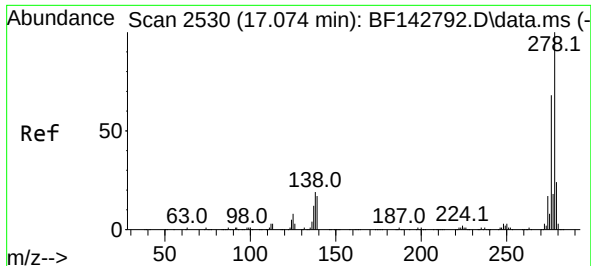
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.8 8.6 12.8

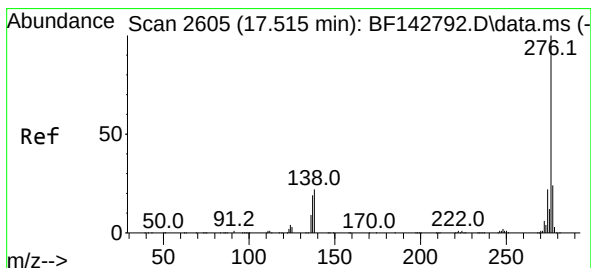
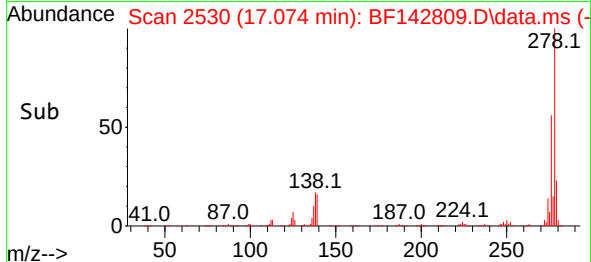
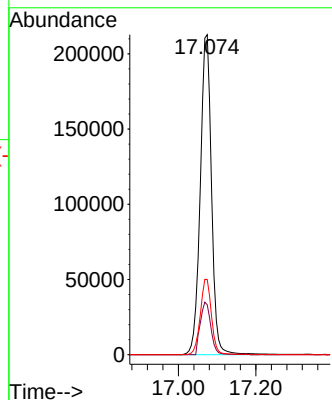
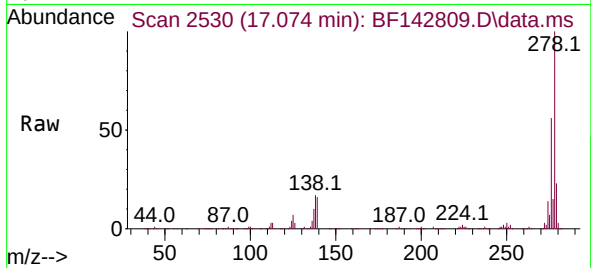




#91
Dibenzo(a,h)anthracene
Concen: 42.952 ng
RT: 17.074 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

Tgt Ion:278 Resp: 428587
Ion Ratio Lower Upper
278 100
139 15.6 13.5 20.3
279 23.5 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 42.355 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF142809.D
Acq: 23 Jun 2025 16:44

Tgt Ion:276 Resp: 421432
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 21.7 17.6 26.4

