

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
 Data File : BF142909.D
 Acq On : 30 Jun 2025 10:43
 Operator : RC/JU
 Sample : PB168560BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168560BS

Quant Time: Jun 30 16:00:09 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	6.875	152	69732	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	266111	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	138084	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	228948	20.000	ng	0.00
76) Chrysene-d12	14.057	240	142160	20.000	ng	0.00
86) Perylene-d12	15.551	264	156905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	509129	121.560	ng	0.01
7) Phenol-d6	6.510	99	596444	120.704	ng	0.00
23) Nitrobenzene-d5	7.445	82	369644	76.191	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	185249	130.367	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	810606	77.118	ng	0.00
79) Terphenyl-d14	12.998	244	759450	73.814	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	58454	34.893	ng	99
3) Pyridine	3.481	79	160208	38.147	ng	98
4) n-Nitrosodimethylamine	3.434	42	87549	40.313	ng	98
6) Aniline	6.540	93	209554	31.872	ng	# 86
8) 2-Chlorophenol	6.663	128	192771	42.668	ng	98
9) Benzaldehyde	6.428	77	77547	26.452	ng	98
10) Phenol	6.528	94	222876	40.577	ng	86
11) bis(2-Chloroethyl)ether	6.610	93	164618	41.933	ng	98
12) 1,3-Dichlorobenzene	6.816	146	212477	42.051	ng	100
13) 1,4-Dichlorobenzene	6.892	146	214844	42.144	ng	99
14) 1,2-Dichlorobenzene	7.045	146	205105	42.418	ng	99
15) Benzyl Alcohol	7.022	79	153756	43.041	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	251255	39.836	ng	93
17) 2-Methylphenol	7.134	107	142834	41.718	ng	98
18) Hexachloroethane	7.387	117	76215	42.743	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	121656	42.331	ng	97
20) 3+4-Methylphenols	7.287	107	179969	42.158	ng	95
22) Acetophenone	7.287	105	252917	43.099	ng	99
24) Nitrobenzene	7.463	77	182400	41.538	ng	98
25) Isophorone	7.698	82	327588	42.092	ng	100
26) 2-Nitrophenol	7.781	139	105259	44.004	ng	97
27) 2,4-Dimethylphenol	7.816	122	175970	42.470	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	208412	42.122	ng	100
29) 2,4-Dichlorophenol	8.022	162	159050	42.336	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	175767	42.547	ng	99
31) Naphthalene	8.187	128	548669	42.122	ng	99
32) Benzoic acid	7.934	122	95905	45.413	ng	97
33) 4-Chloroaniline	8.234	127	120681	22.785	ng	98
34) Hexachlorobutadiene	8.298	225	109086	43.169	ng	99
35) Caprolactam	8.604	113	28947	29.199	ng	90
36) 4-Chloro-3-methylphenol	8.716	107	158564	42.468	ng	100
37) 2-Methylnaphthalene	8.875	142	341929	42.342	ng	99
38) 1-Methylnaphthalene	8.975	142	352143	42.124	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	174122	42.736	ng	99
41) Hexachlorocyclopentadiene	9.028	237	196624	85.040	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	114757	43.223	ng	100

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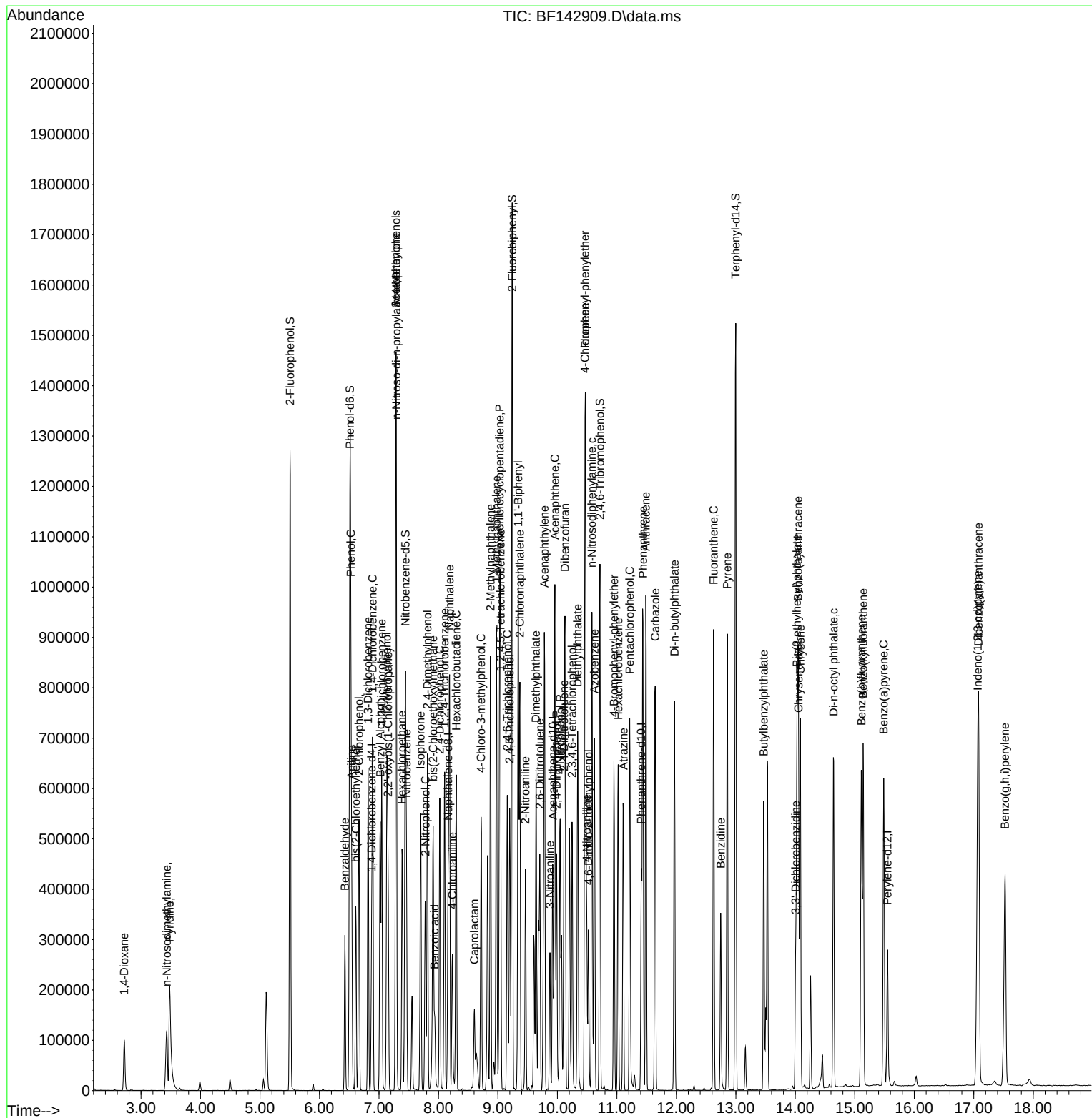
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	116843	41.807	ng	100
46) 1,1'-Biphenyl	9.339	154	466862	42.800	ng	100
47) 2-Chloronaphthalene	9.369	162	344973	42.144	ng	99
48) 2-Nitroaniline	9.463	65	99150	43.205	ng	97
49) Acenaphthylene	9.781	152	573556	42.564	ng	99
50) Dimethylphthalate	9.639	163	396431	44.352	ng	100
51) 2,6-Dinitrotoluene	9.704	165	86951	44.297	ng	99
52) Acenaphthene	9.957	154	346378	42.130	ng	99
53) 3-Nitroaniline	9.875	138	60943	28.199	ng	100
54) 2,4-Dinitrophenol	9.986	184	94354	95.998	ng	97
55) Dibenzofuran	10.128	168	501360	42.526	ng	100
56) 4-Nitrophenol	10.045	139	130444	88.164	ng	98
57) 2,4-Dinitrotoluene	10.110	165	118547	45.467	ng	97
58) Fluorene	10.469	166	396226	43.033	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	96792	42.965	ng	96
60) Diethylphthalate	10.339	149	397296	45.334	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	191728	43.638	ng	99
62) 4-Nitroaniline	10.492	138	91301	46.192	ng	98
63) Azobenzene	10.622	77	334328	42.683	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	64218	46.372	ng	99
66) n-Nitrosodiphenylamine	10.580	169	342749	43.196	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	116031	44.531	ng	95
68) Hexachlorobenzene	11.022	284	125261	43.264	ng	99
69) Atrazine	11.110	200	102808	50.174	ng	100
70) Pentachlorophenol	11.216	266	127119	88.110	ng	99
71) Phenanthrene	11.439	178	543191	43.798	ng	99
72) Anthracene	11.486	178	557223	43.809	ng	100
73) Carbazole	11.645	167	485310	44.214	ng	100
74) Di-n-butylphthalate	11.969	149	571886	50.013	ng	99
75) Fluoranthene	12.627	202	536831	45.609	ng	100
77) Benzidine	12.745	184	197638	37.003	ng	100
78) Pyrene	12.857	202	530557	39.816	ng	99
80) Butylbenzylphthalate	13.469	149	196612	50.866	ng	97
81) Benzo(a)anthracene	14.045	228	412921	43.056	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	75762	24.356	ng	98
83) Chrysene	14.086	228	389285	45.490	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	272454	48.991	ng	99
85) Di-n-octyl phthalate	14.645	149	485726	46.319	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	499695	41.811	ng	99
88) Benzo(b)fluoranthene	15.110	252	431701	47.548	ng	100
89) Benzo(k)fluoranthene	15.139	252	366622	43.161	ng	100
90) Benzo(a)pyrene	15.486	252	388392	44.281	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	405967	41.806	ng	99
92) Benzo(g,h,i)perylene	17.527	276	403509	41.671	ng	99

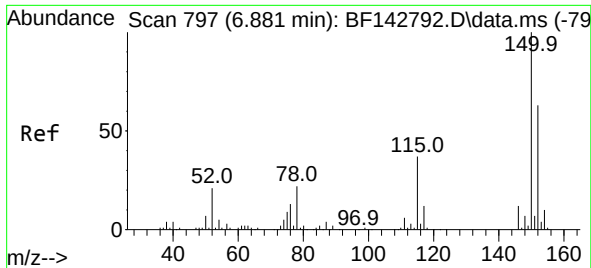
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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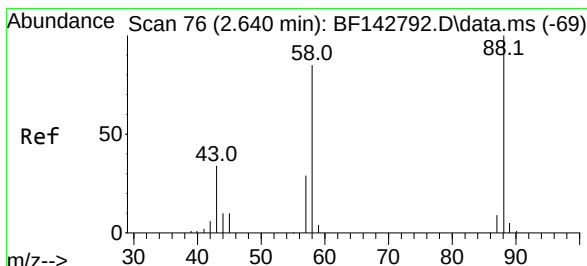
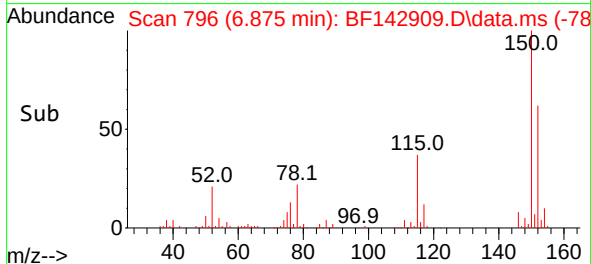
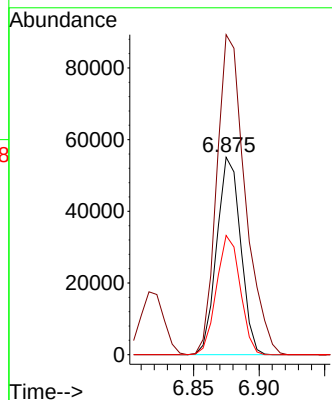
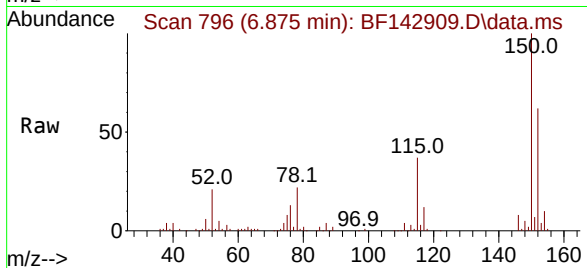




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142909.D
 Acq: 30 Jun 2025 10:43

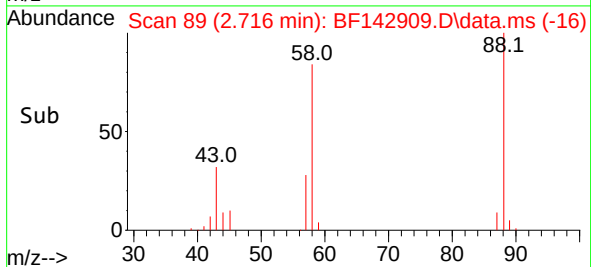
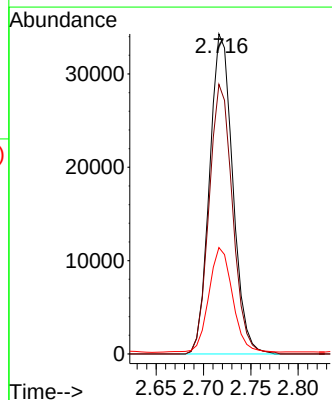
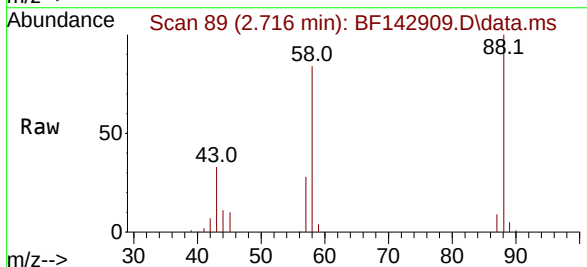
Instrument :
 BNA_F
 ClientSampleId :
 PB168560BS

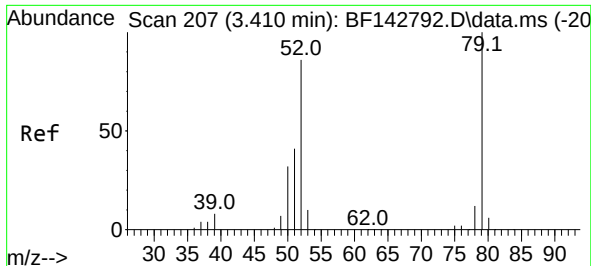
Tgt Ion:152 Resp: 69732
 Ion Ratio Lower Upper
 152 100
 150 162.0 127.2 190.8
 115 60.3 46.6 69.8



#2
 1,4-Dioxane
 Concen: 34.893 ng
 RT: 2.716 min Scan# 89
 Delta R.T. 0.077 min
 Lab File: BF142909.D
 Acq: 30 Jun 2025 10:43

Tgt Ion: 88 Resp: 58454
 Ion Ratio Lower Upper
 88 100
 58 85.3 69.1 103.7
 43 33.6 27.4 41.2

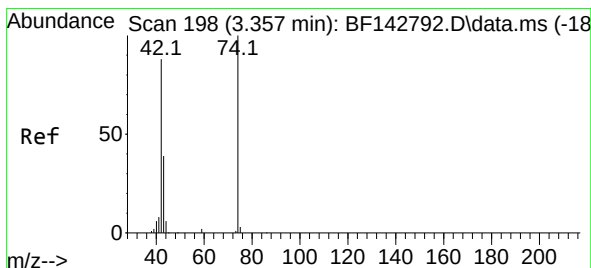
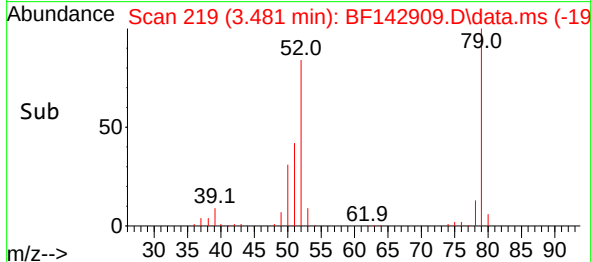
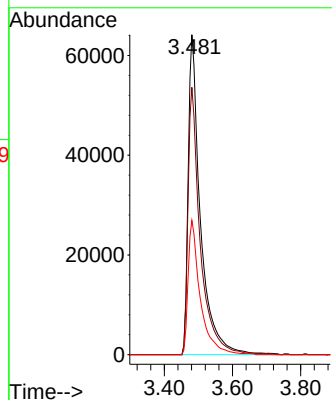
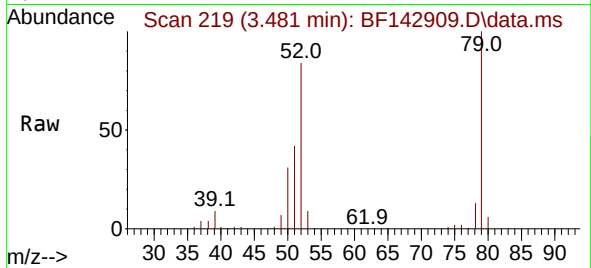




#3
Pyridine
Concen: 38.147 ng
RT: 3.481 min Scan# 211
Delta R.T. 0.071 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

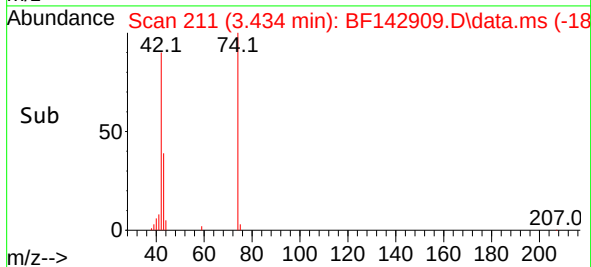
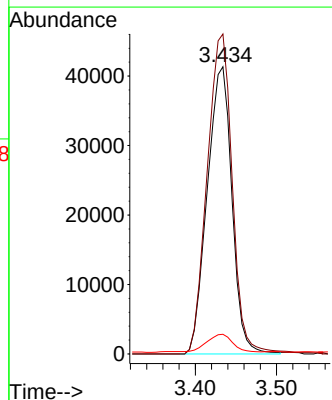
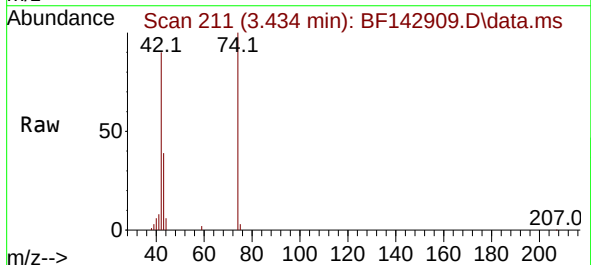
Instrument :
BNA_F
ClientSampleId :
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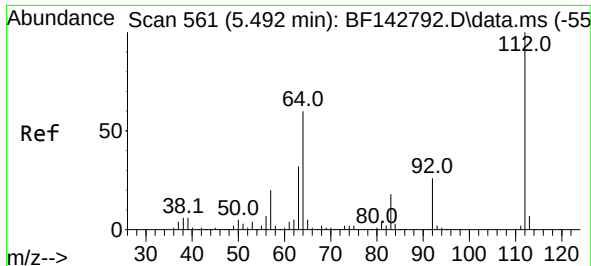
Tgt Ion: 79 Resp: 160208
Ion Ratio Lower Upper
79 100
52 83.6 69.2 103.8
51 42.0 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 40.313 ng
RT: 3.434 min Scan# 211
Delta R.T. 0.077 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Tgt Ion: 42 Resp: 87549
Ion Ratio Lower Upper
42 100
74 111.4 90.9 136.3
44 6.9 5.8 8.6

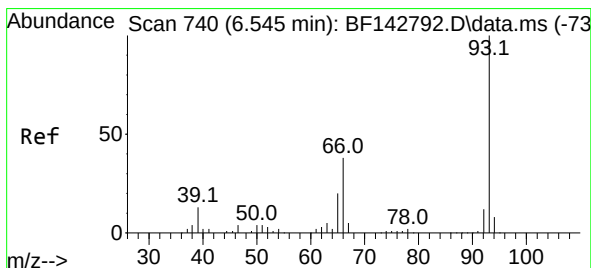
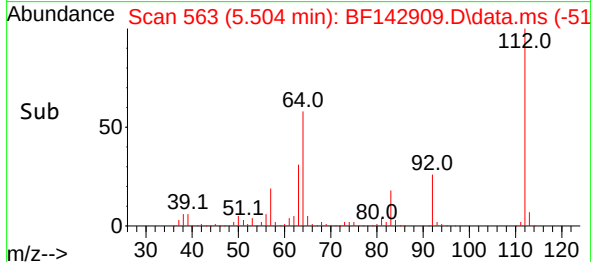
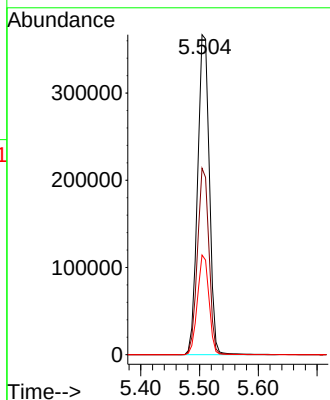
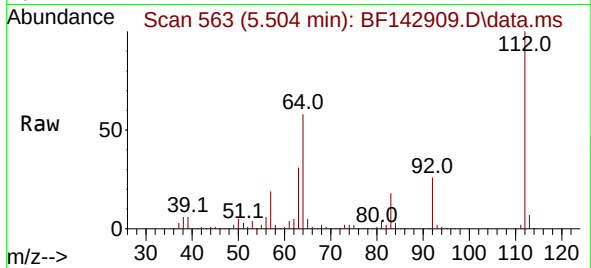




#5
2-Fluorophenol
Concen: 121.560 ng
RT: 5.504 min Scan# 509
Delta R.T. 0.012 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

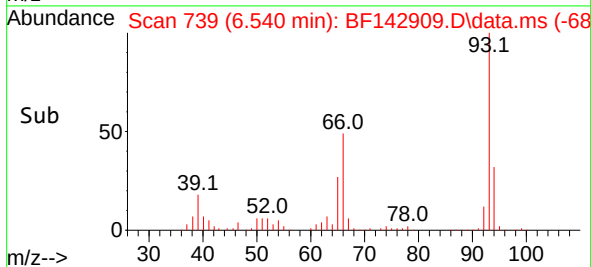
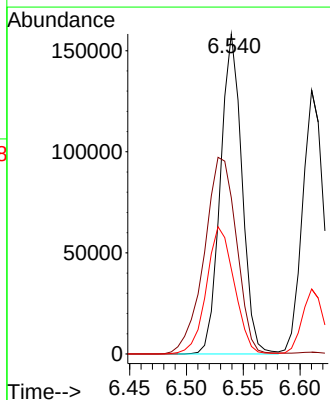
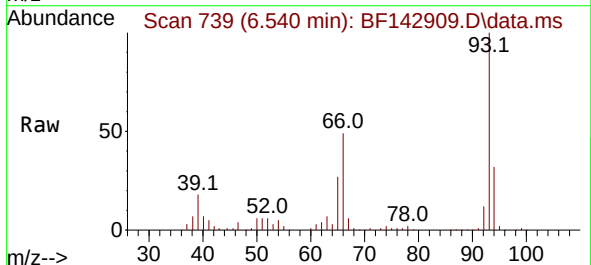
Instrument :
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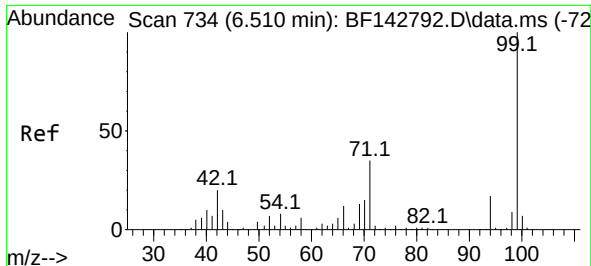
Tgt Ion:112 Resp: 509129
Ion Ratio Lower Upper
112 100
64 58.3 48.2 72.2
63 31.1 25.7 38.5



#6
Aniline
Concen: 31.872 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Tgt Ion: 93 Resp: 209554
Ion Ratio Lower Upper
93 100
66 48.8 31.8 47.6#
65 26.6 16.2 24.2#





#7

Phenol-d6

Concen: 120.704 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

Instrument :

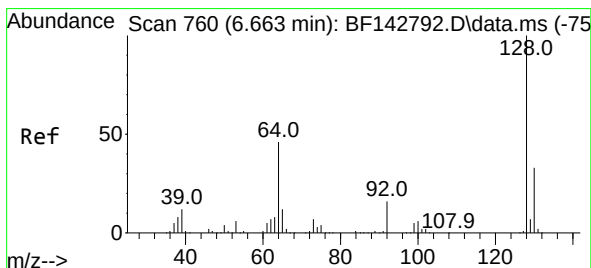
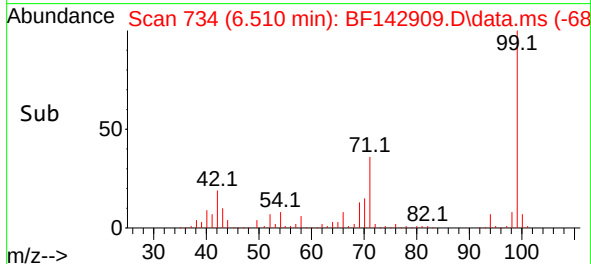
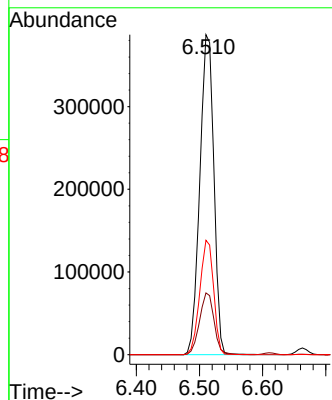
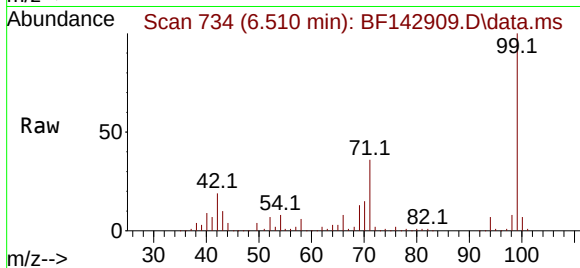
BNA_F

ClientSampleId :

PB168560BS

Tgt Ion: 99 Resp: 596444

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.9	23.9
71	35.7	27.8	41.8



#8

2-Chlorophenol

Concen: 42.668 ng

RT: 6.663 min Scan# 760

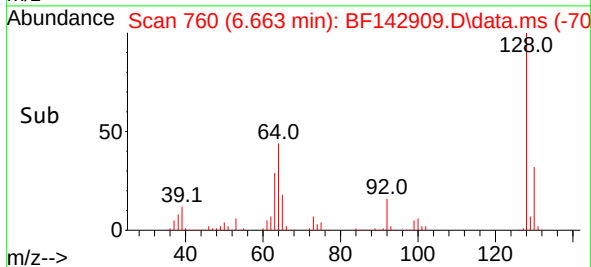
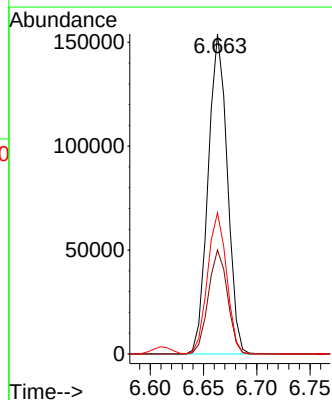
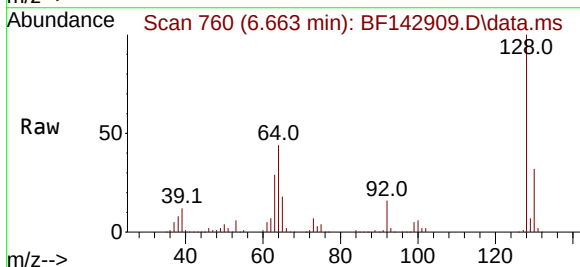
Delta R.T. 0.000 min

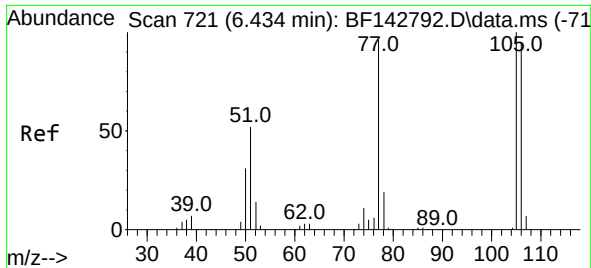
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Tgt Ion: 128 Resp: 192771

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.7	52.7
64	44.1	26.5	66.5





#9

Benzaldehyde

Concen: 26.452 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.006 min

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BNA_F

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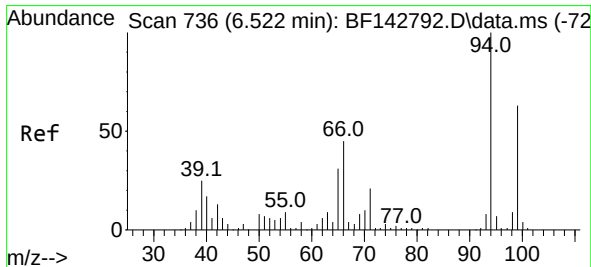
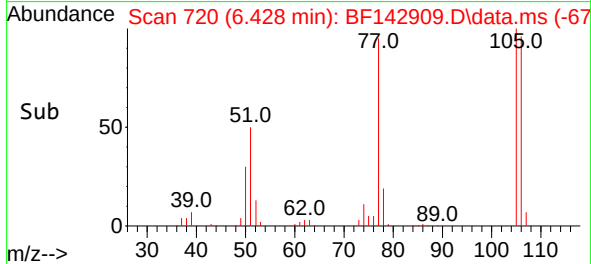
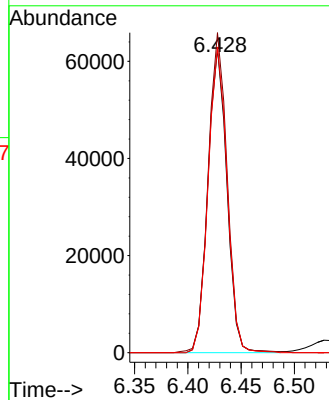
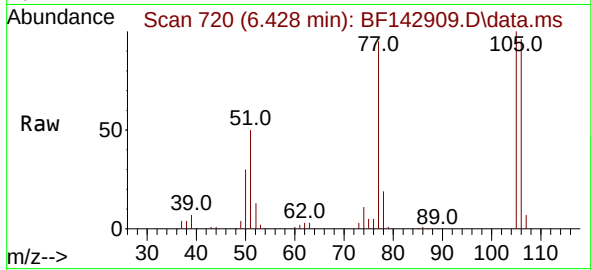
Tgt Ion: 77 Resp: 77547

Ion Ratio Lower Upper

77 100

105 105.3 83.8 123.8

106 100.6 78.7 118.7



#10

Phenol

Concen: 40.577 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.006 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

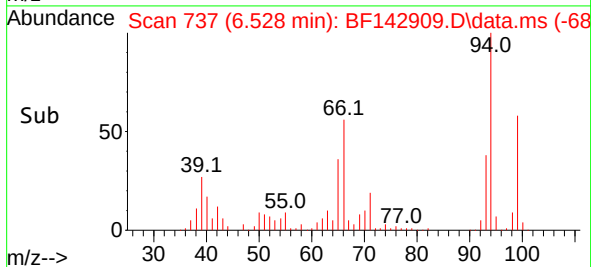
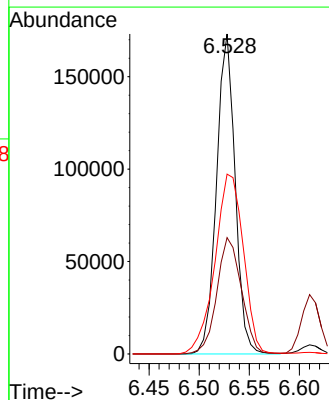
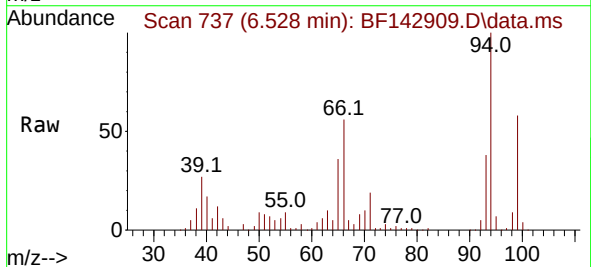
Tgt Ion: 94 Resp: 222876

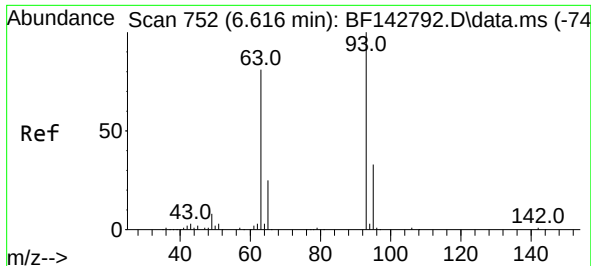
Ion Ratio Lower Upper

94 100

65 36.4 11.3 51.3

66 56.2 24.9 64.9

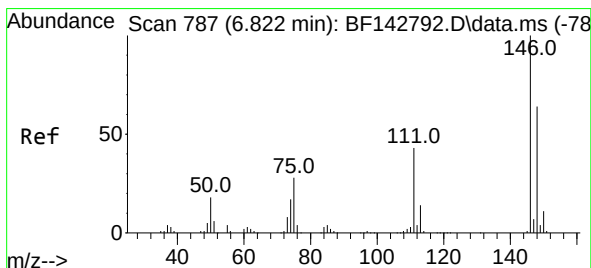
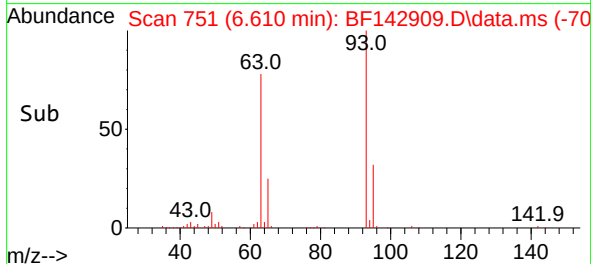
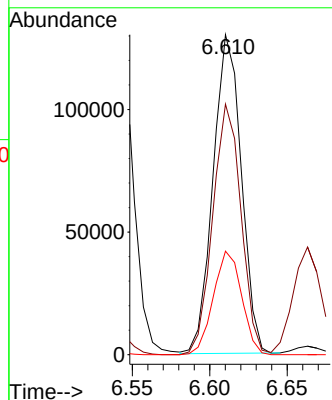
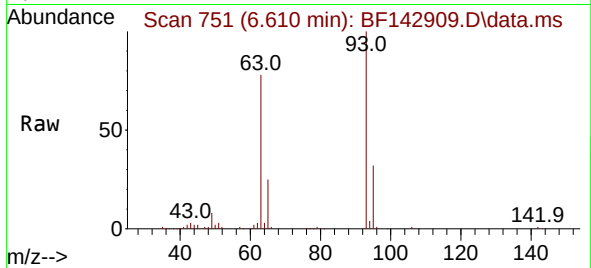




#11
bis(2-Chloroethyl)ether
Concen: 41.933 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

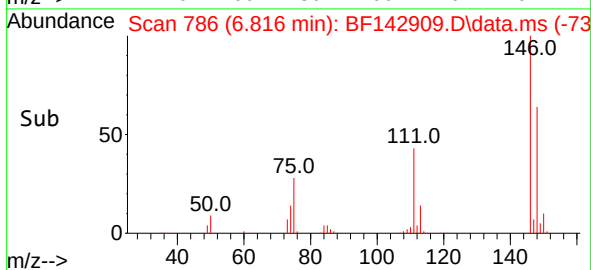
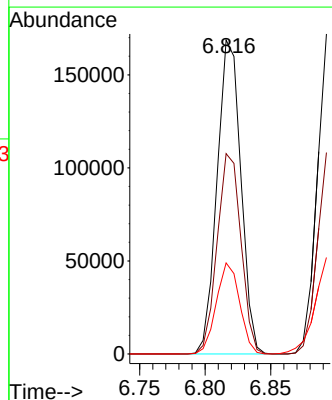
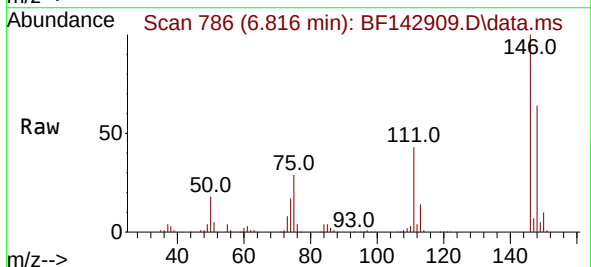
Instrument :
BNA_F
ClientSampleId :
PB168560BS

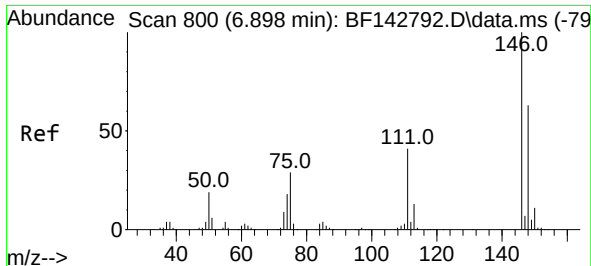
Tgt Ion: 93 Resp: 164618
Ion Ratio Lower Upper
93 100
63 78.3 60.3 100.3
95 32.4 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 42.051 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Tgt Ion:146 Resp: 212477
Ion Ratio Lower Upper
146 100
148 63.8 51.1 76.7
75 29.0 22.7 34.1

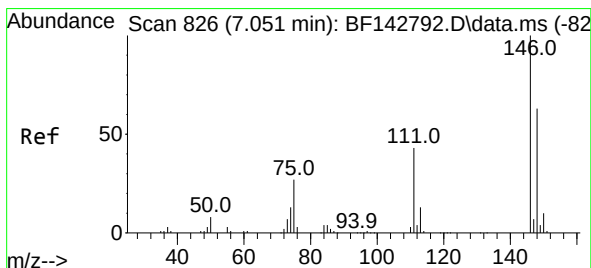
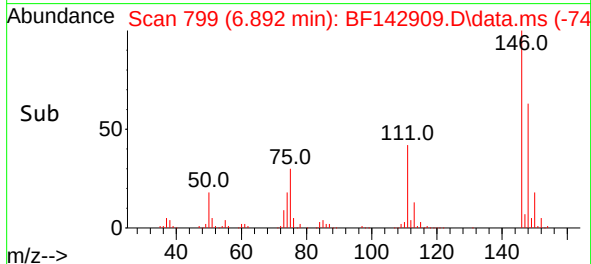
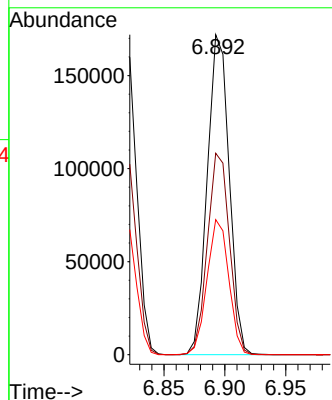
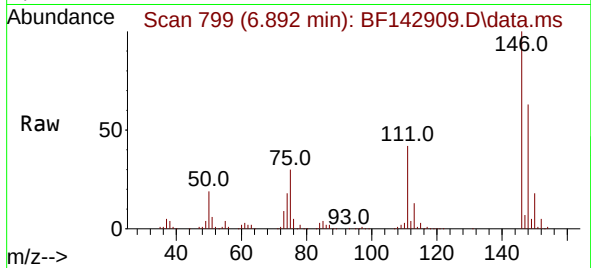




#13
1,4-Dichlorobenzene
Concen: 42.144 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

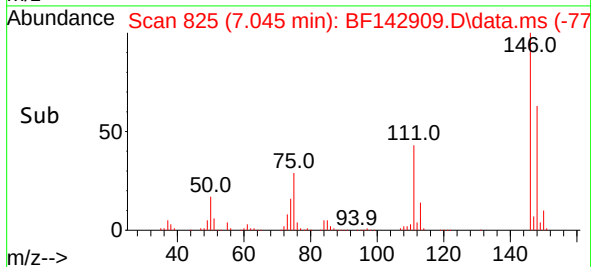
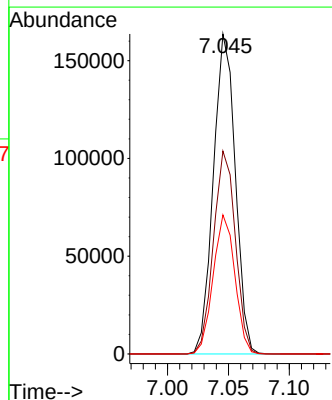
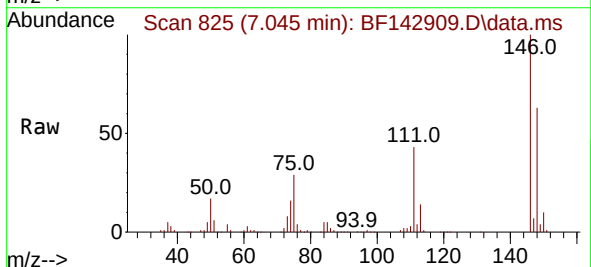
Instrument :
BNA_F
ClientSampleId :
PB168560BS

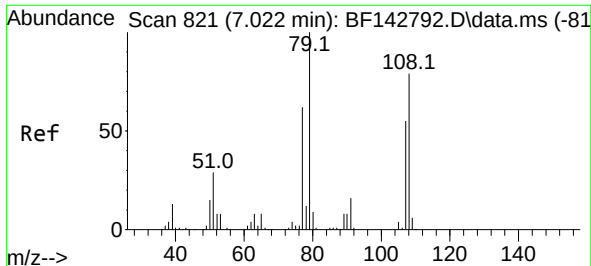
Tgt Ion:146 Resp: 214844
Ion Ratio Lower Upper
146 100
148 62.9 50.2 75.2
111 42.2 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 42.418 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Tgt Ion:146 Resp: 205105
Ion Ratio Lower Upper
146 100
148 63.4 50.4 75.6
111 43.4 34.1 51.1

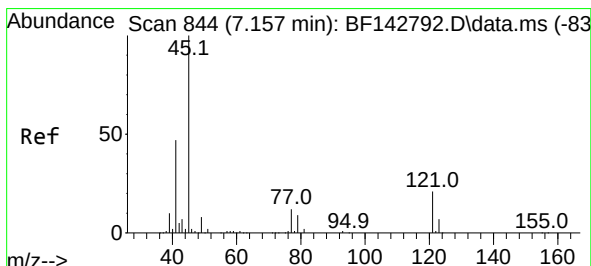
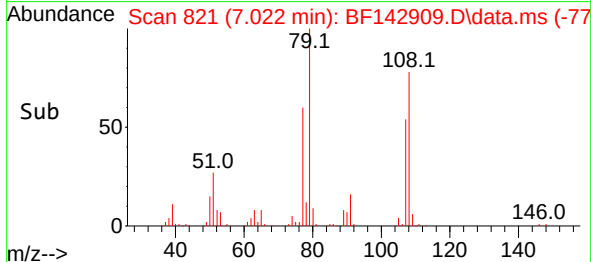
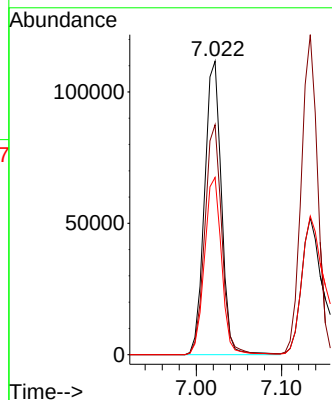
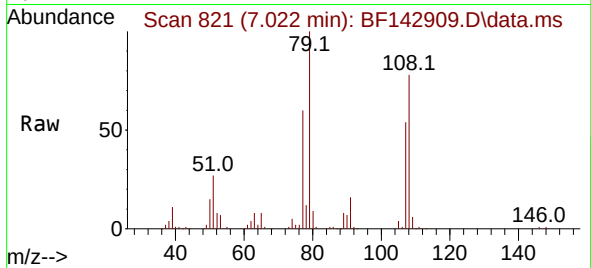




#15
Benzyl Alcohol
Concen: 43.041 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

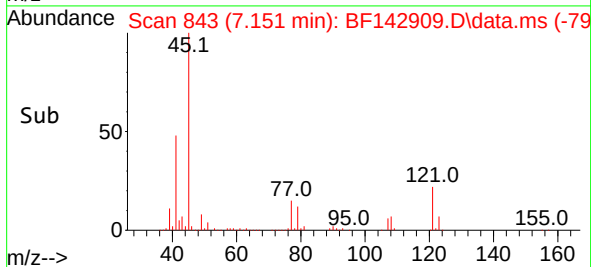
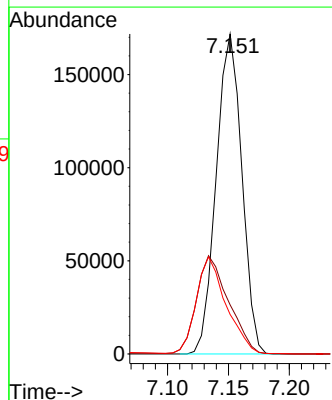
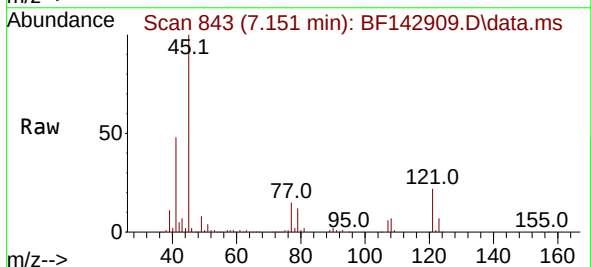
Instrument :
BNA_F
ClientSampleId :
PB168560BS

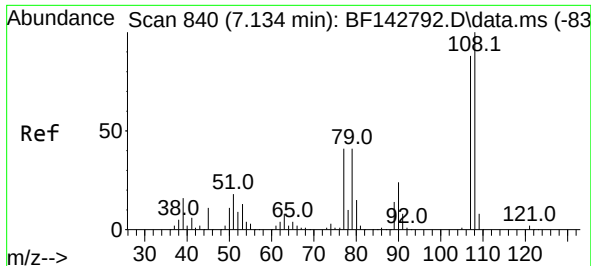
Tgt Ion: 79 Resp: 153756
Ion Ratio Lower Upper
79 100
108 78.4 63.4 95.0
77 60.4 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.836 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Tgt Ion: 45 Resp: 251255
Ion Ratio Lower Upper
45 100
77 15.3 0.0 32.8
79 12.4 0.0 29.8

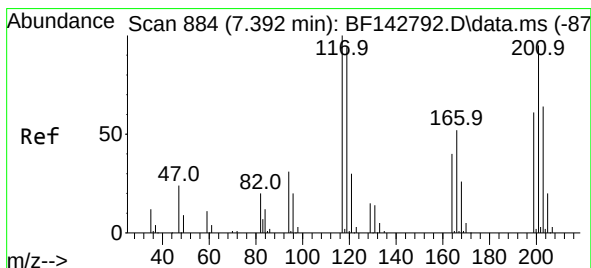
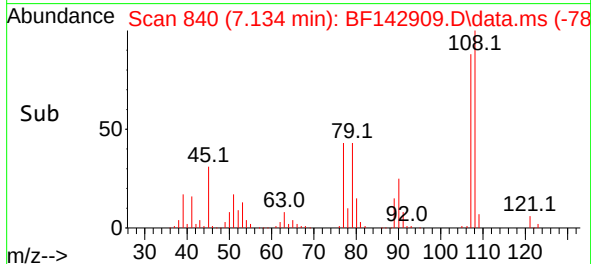
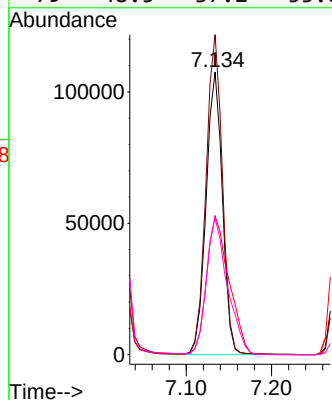
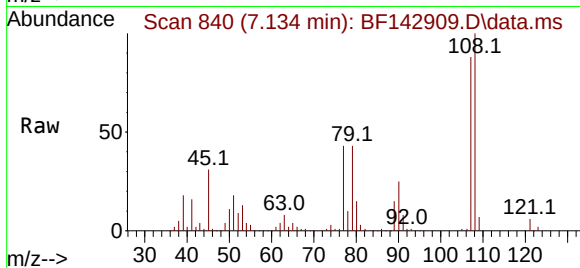




#17
2-Methylphenol
Concen: 41.718 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

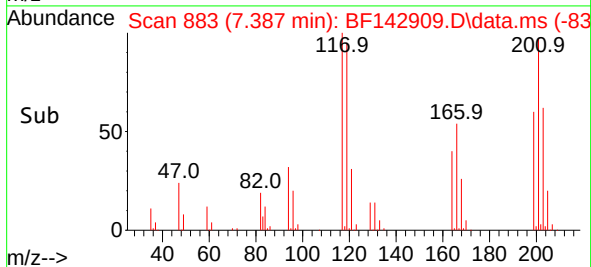
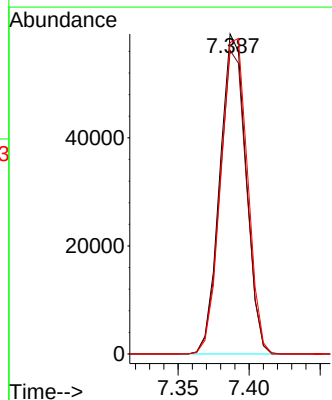
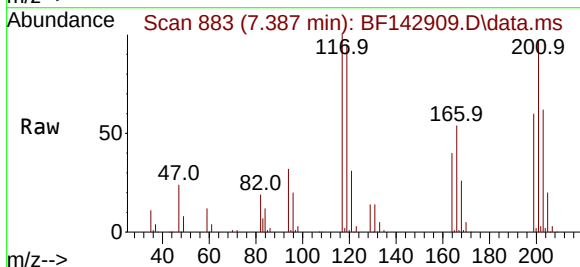
Instrument :
BNA_F
ClientSampleId :
PB168560BS

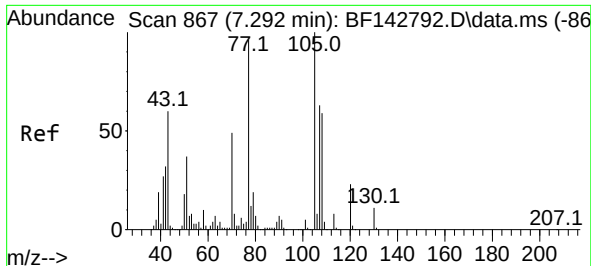
Tgt Ion:	107	Resp:	142834
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.9	136.3
77	49.0	37.3	55.9
79	48.5	37.2	55.8



#18
Hexachloroethane
Concen: 42.743 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Tgt Ion:	117	Resp:	76215
Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.4	113.0
201	97.4	75.9	113.9

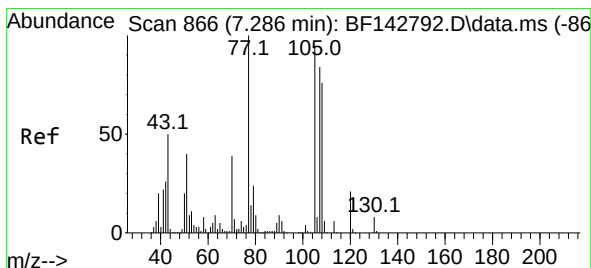
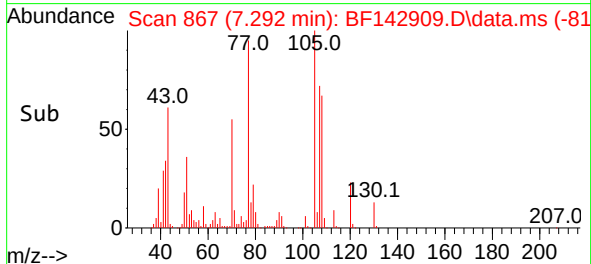
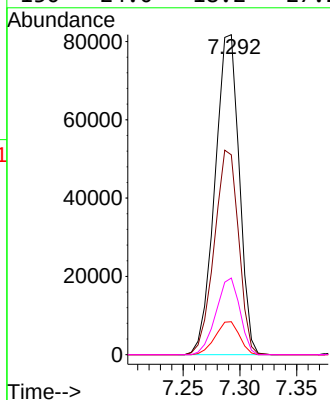
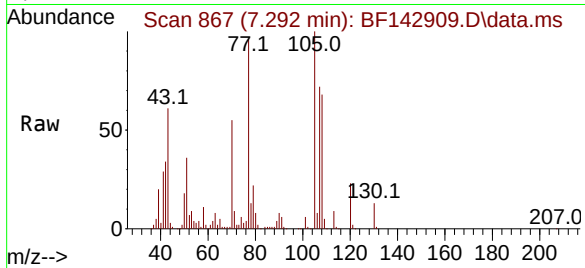




#19
n-Nitroso-di-n-propylamine
Concen: 42.331 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

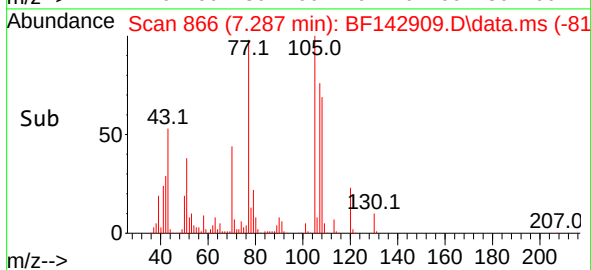
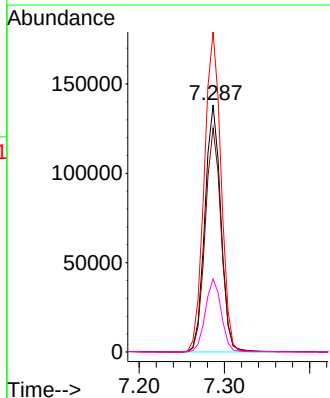
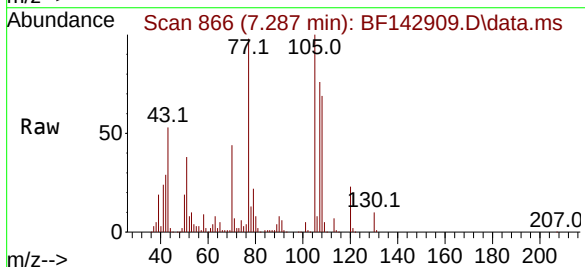
Instrument :
BNA_F
ClientSampleId :
PB168560BS

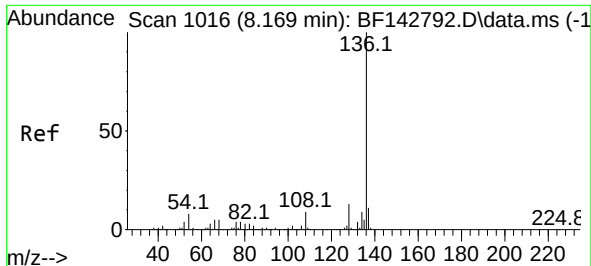
Tgt Ion:	70	Resp:	121656
Ion	Ratio	Lower	Upper
70	100		
42	62.5	52.1	78.1
101	10.3	8.2	12.2
130	24.0	18.2	27.2



#20
3+4-Methylphenols
Concen: 42.158 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Tgt Ion:	107	Resp:	179969
Ion	Ratio	Lower	Upper
107	100		
108	90.7	70.0	110.0
77	129.6	98.5	138.5
79	29.6	8.8	48.8

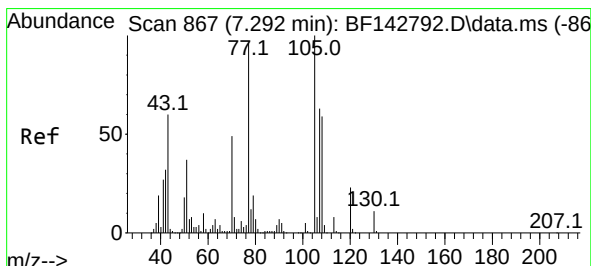
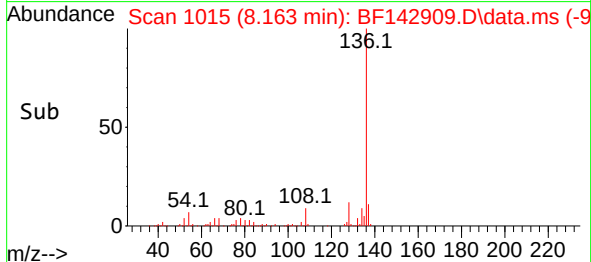
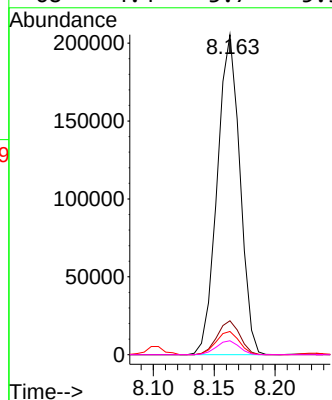
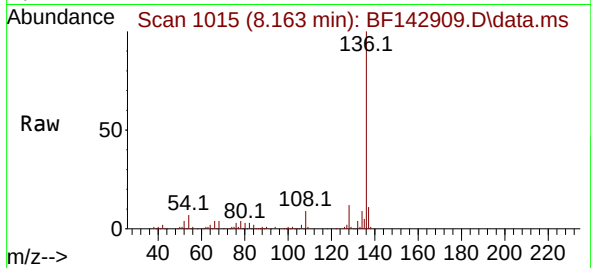




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

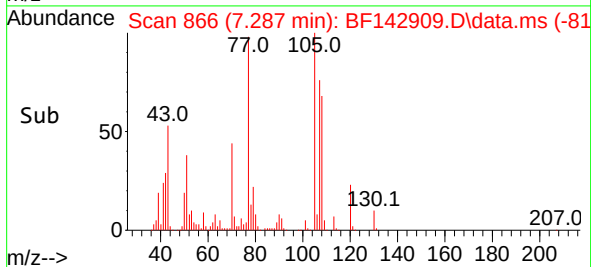
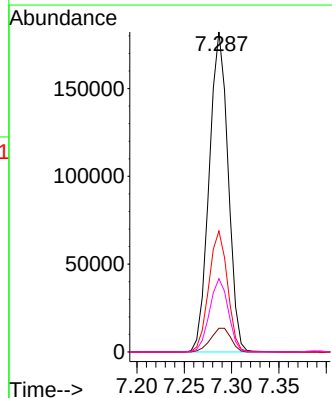
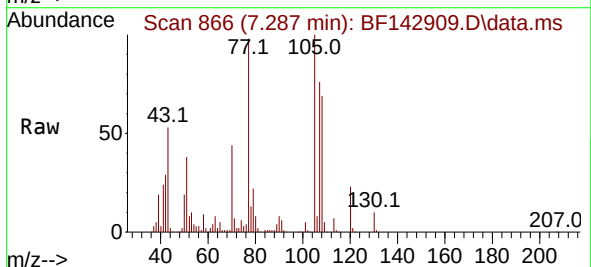
Instrument :
BNA_F
ClientSampleId :
PB168560BS

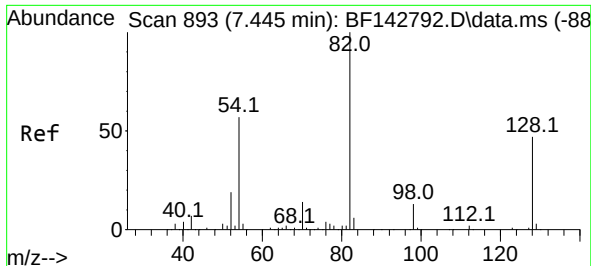
Tgt Ion:136 Resp: 266111
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.3 6.3 9.5
68 4.4 3.7 5.5



#22
Acetophenone
Concen: 43.099 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Tgt Ion:105 Resp: 252917
Ion Ratio Lower Upper
105 100
71 7.4 6.5 9.7
51 37.8 29.8 44.8
120 22.9 18.2 27.2





#23

Nitrobenzene-d5

Concen: 76.191 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

Instrument :

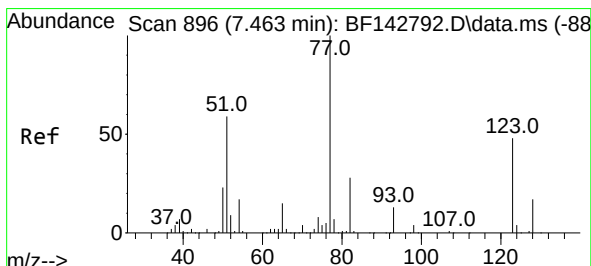
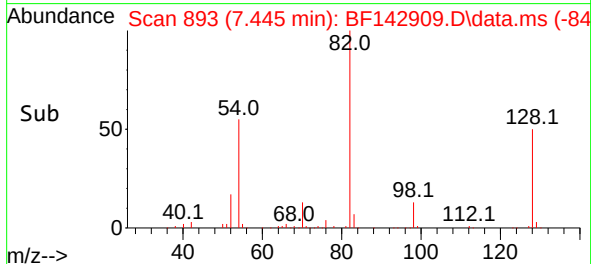
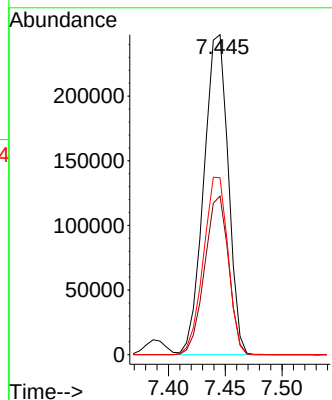
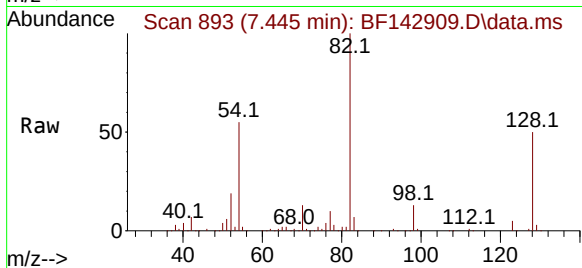
BNA_F

ClientSampleId :

PB168560BS

Tgt Ion: 82 Resp: 369644

Ion	Ratio	Lower	Upper
82	100		
128	49.5	37.7	56.5
54	55.3	45.7	68.5



#24

Nitrobenzene

Concen: 41.538 ng

RT: 7.463 min Scan# 896

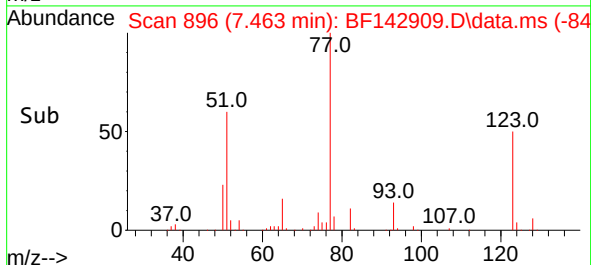
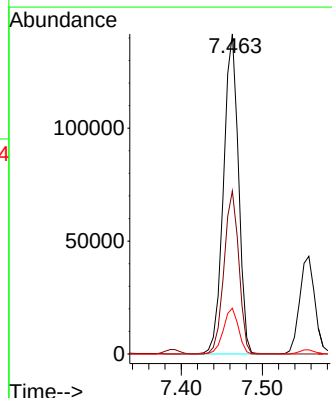
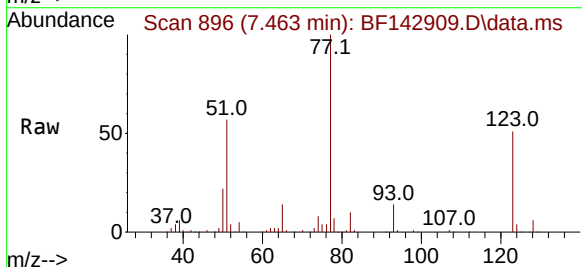
Delta R.T. 0.000 min

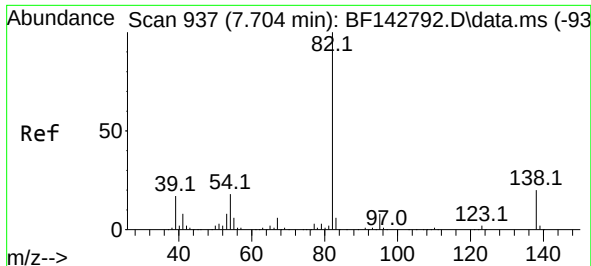
Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

Tgt Ion: 77 Resp: 182400

Ion	Ratio	Lower	Upper
77	100		
123	51.0	39.2	58.8
65	14.3	11.6	17.4

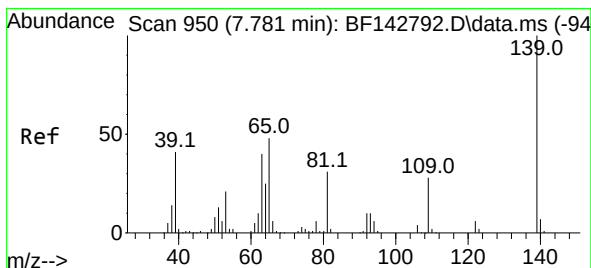
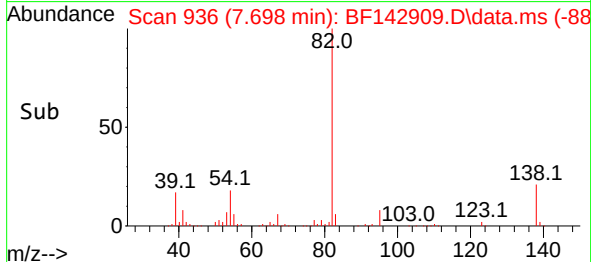
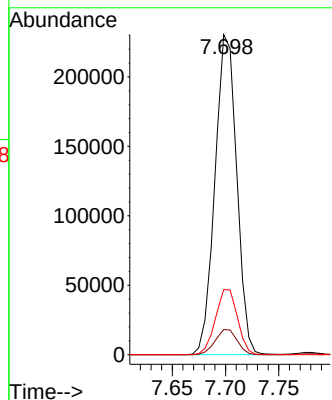
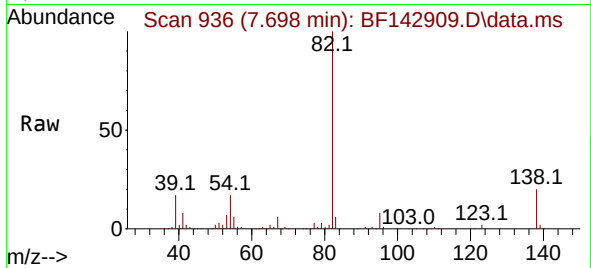




#25
Isophorone
Concen: 42.092 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

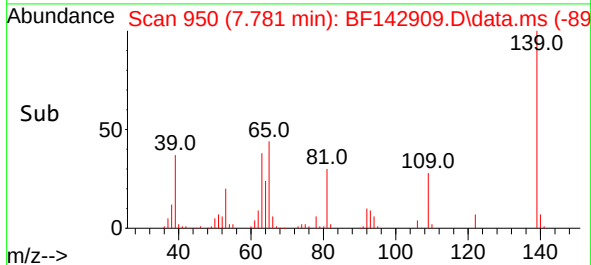
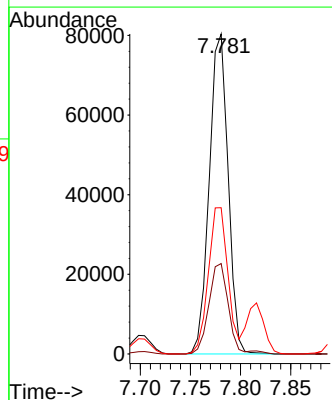
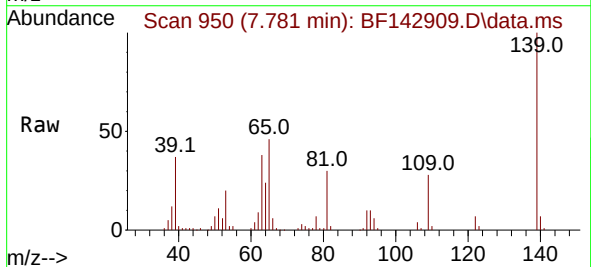
Instrument :
BNA_F
ClientSampleId :
PB168560BS

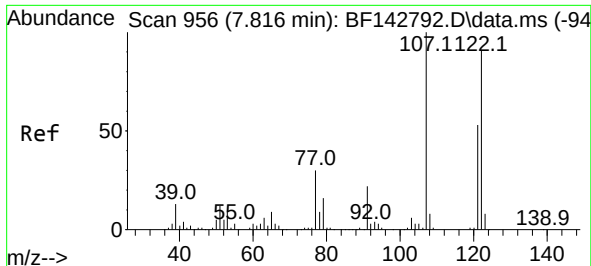
Tgt Ion: 82 Resp: 327588
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.2
138 20.4 16.2 24.4



#26
2-Nitrophenol
Concen: 44.004 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Tgt Ion:139 Resp: 105259
Ion Ratio Lower Upper
139 100
109 28.2 22.7 34.1
65 45.7 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 42.470 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168560BS

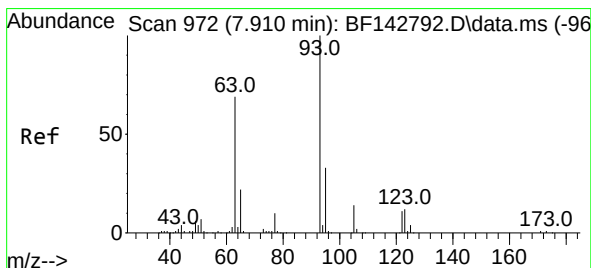
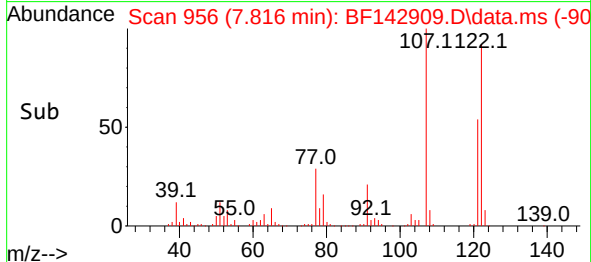
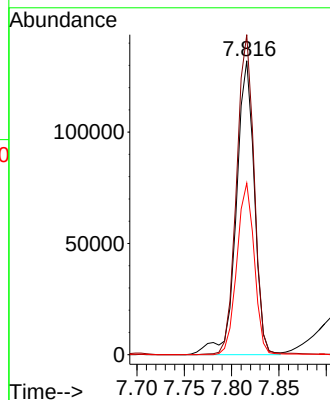
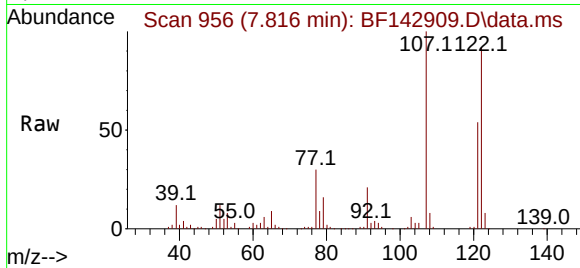
Tgt Ion:122 Resp: 175970

Ion Ratio Lower Upper

122 100

107 108.9 88.0 132.0

121 58.4 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.122 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

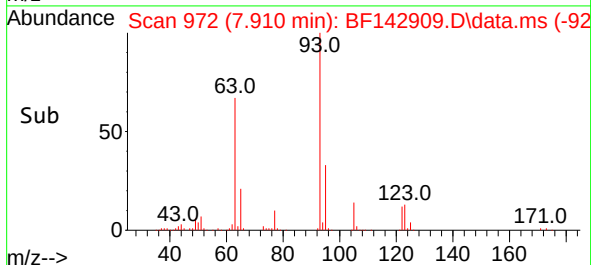
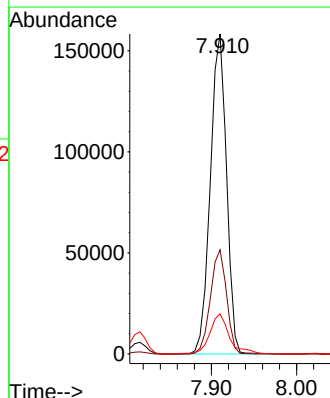
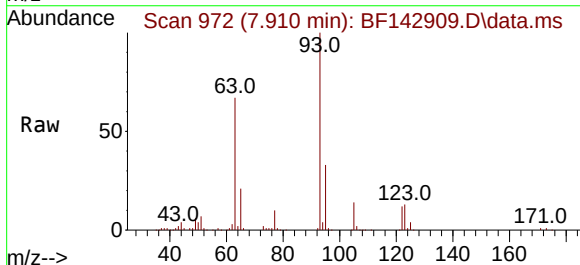
Tgt Ion: 93 Resp: 208412

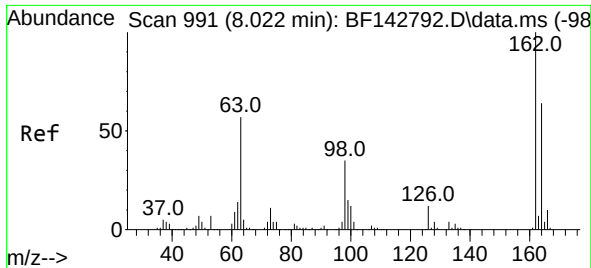
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 12.6 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.336 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168560BS

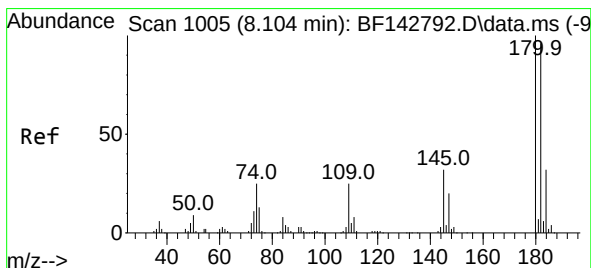
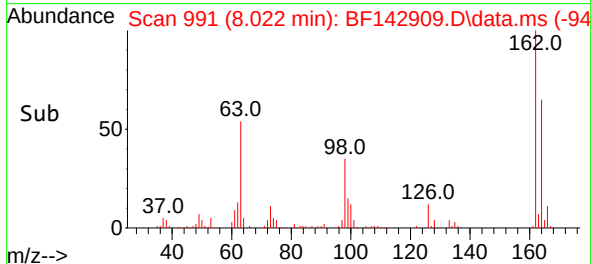
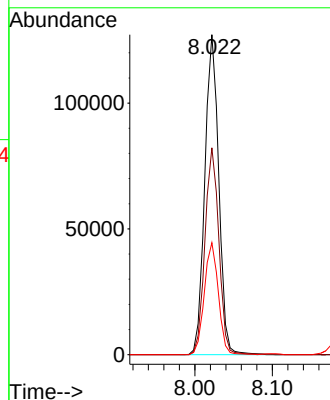
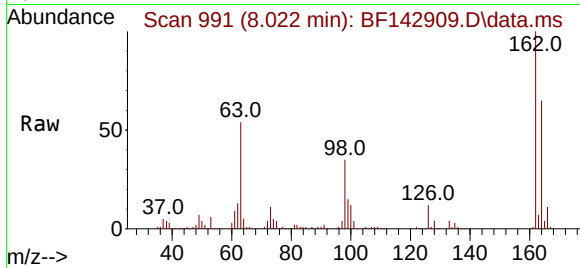
Tgt Ion:162 Resp: 159050

Ion Ratio Lower Upper

162 100

164 64.6 44.0 84.0

98 35.0 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 42.547 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

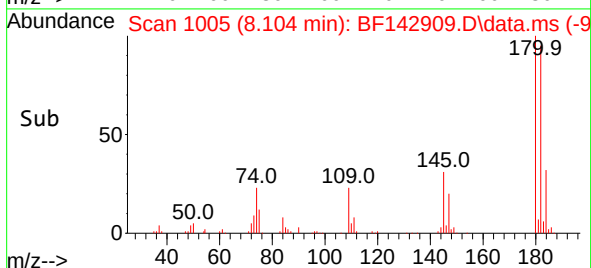
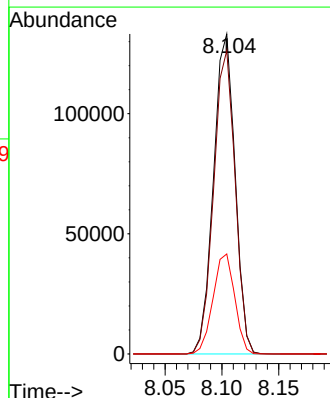
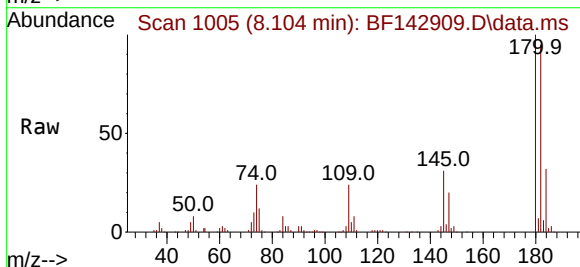
Tgt Ion:180 Resp: 175767

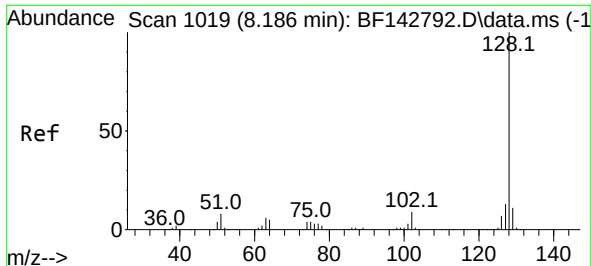
Ion Ratio Lower Upper

180 100

182 94.9 76.4 114.6

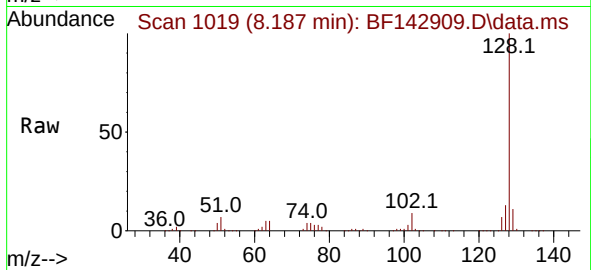
145 31.2 25.8 38.8



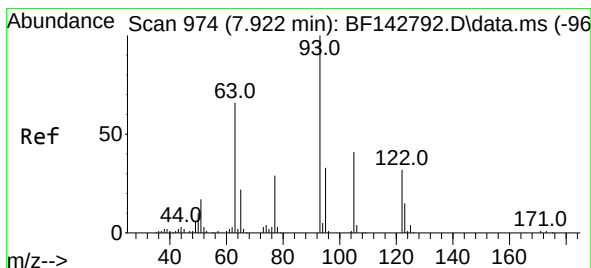
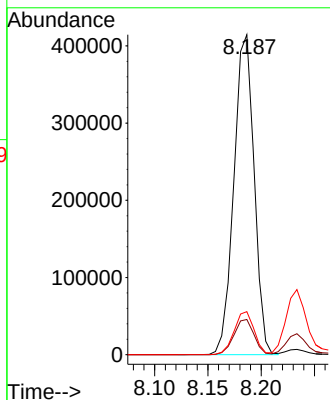
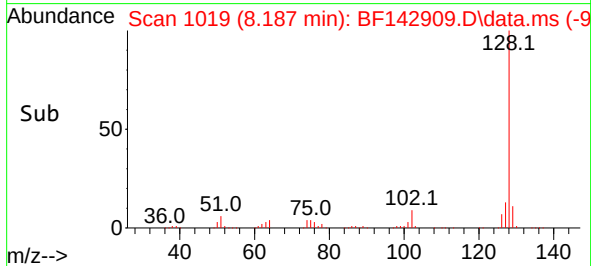


#31
Naphthalene
Concen: 42.122 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Instrument :
BNA_F
ClientSampleId :
PB168560BS

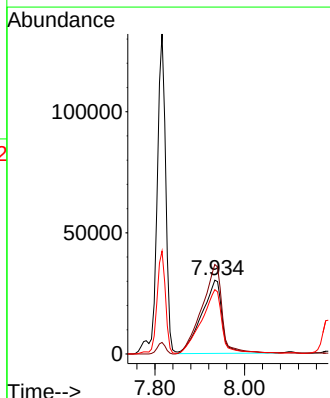
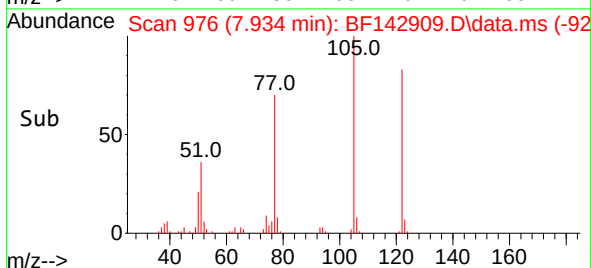
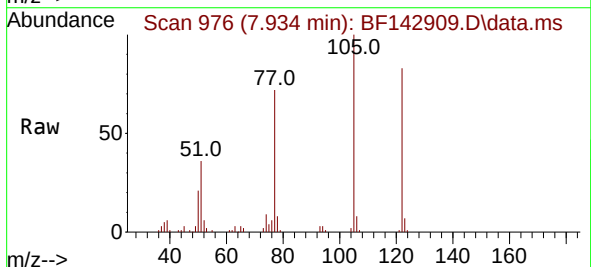


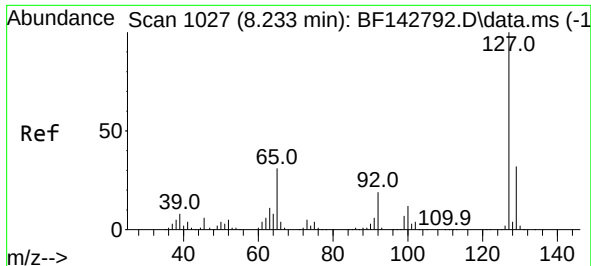
Tgt Ion:128 Resp: 548669
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.5 10.4 15.6



#32
Benzoic acid
Concen: 45.413 ng
RT: 7.934 min Scan# 976
Delta R.T. 0.012 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Tgt Ion:122 Resp: 95905
Ion Ratio Lower Upper
122 100
105 121.2 104.7 144.7
77 87.3 70.2 110.2

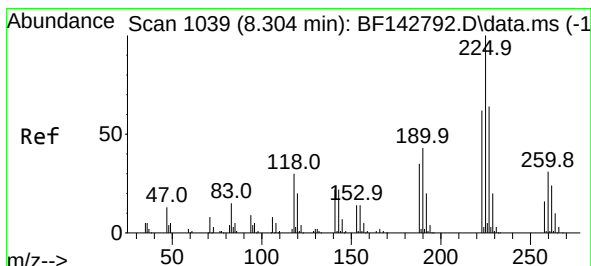
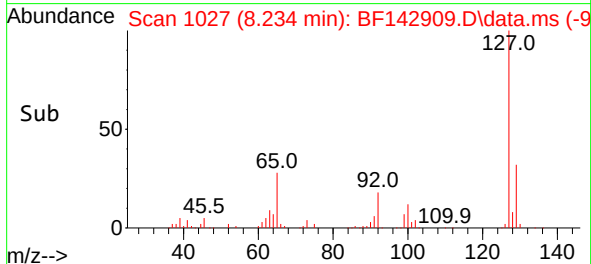
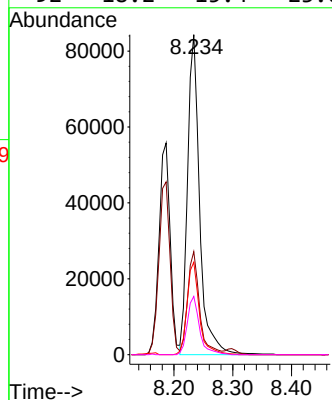
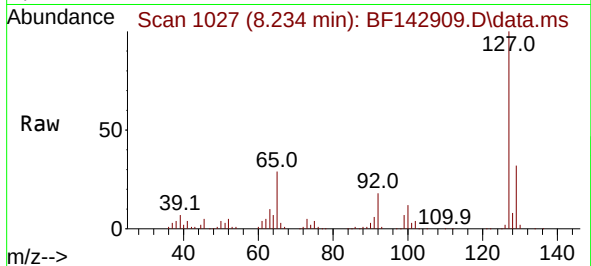




#33
4-Chloroaniline
Concen: 22.785 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

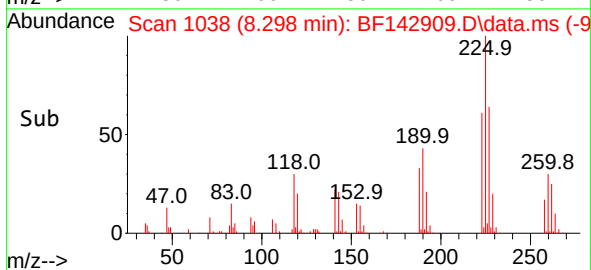
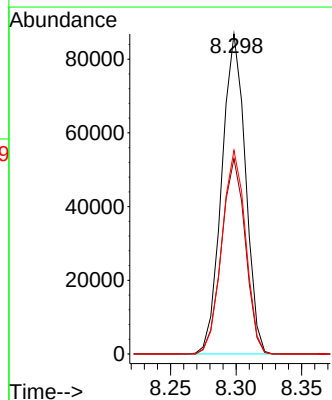
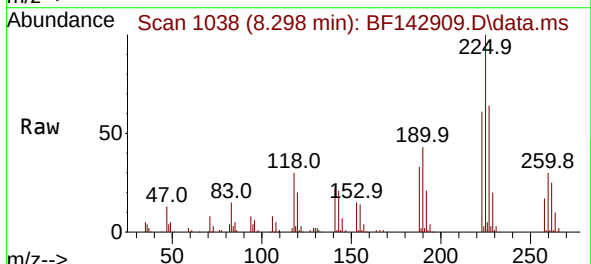
Instrument :
BNA_F
ClientSampleId :
PB168560BS

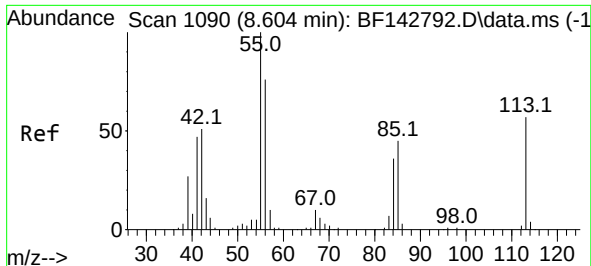
Tgt Ion:	127	Resp:	120681
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	28.9	24.6	36.8
92	18.2	15.4	23.0



#34
Hexachlorobutadiene
Concen: 43.169 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Tgt Ion:	225	Resp:	109086
Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.9	74.9
227	63.7	51.4	77.0

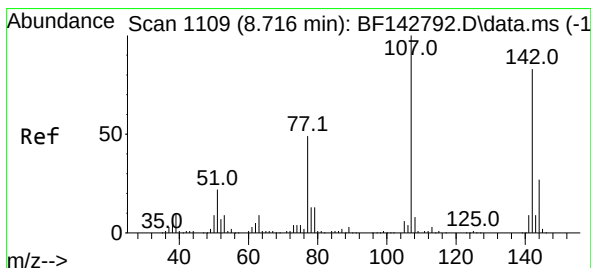
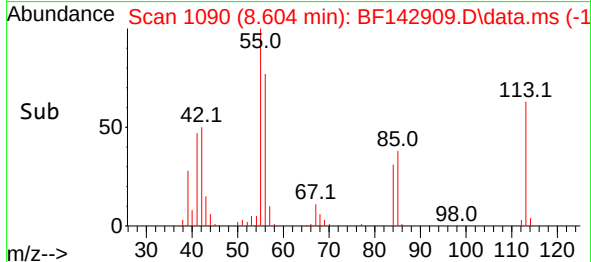
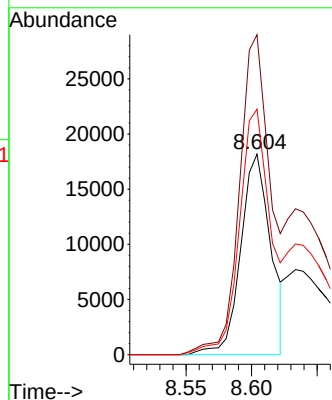
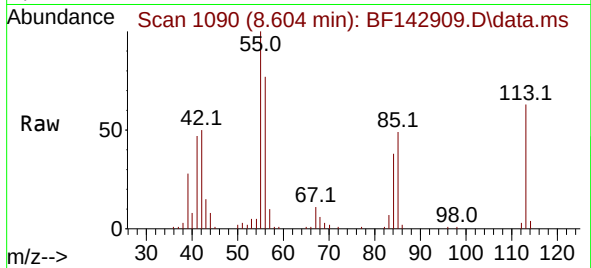




#35
 Caprolactam
 Concen: 29.199 ng
 RT: 8.604 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF142909.D
 Acq: 30 Jun 2025 10:43

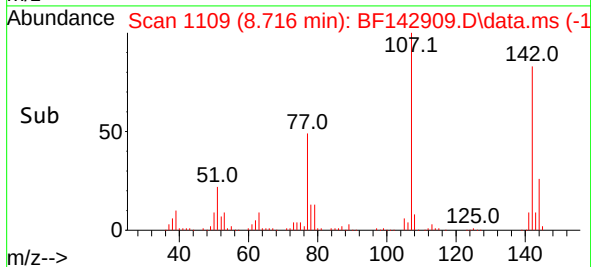
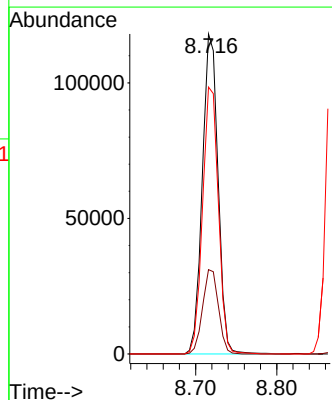
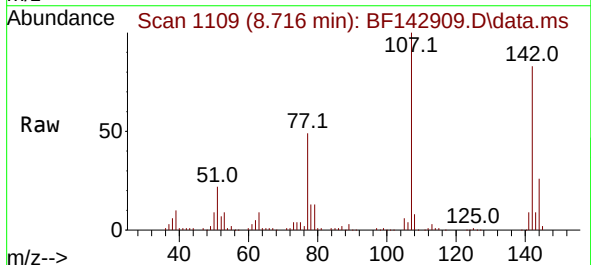
Instrument :
 BNA_F
 ClientSampleId :
 PB168560BS

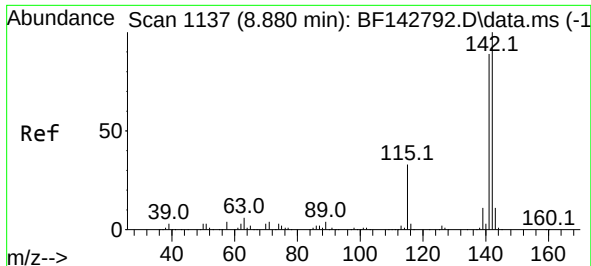
Tgt Ion:113 Resp: 28947
 Ion Ratio Lower Upper
 113 100
 55 159.6 154.4 194.4
 56 122.4 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.468 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142909.D
 Acq: 30 Jun 2025 10:43

Tgt Ion:107 Resp: 158564
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.3 31.9
 142 83.4 66.6 100.0





#37

2-Methylnaphthalene

Concen: 42.342 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

Instrument :

BNA_F

ClientSampleId :

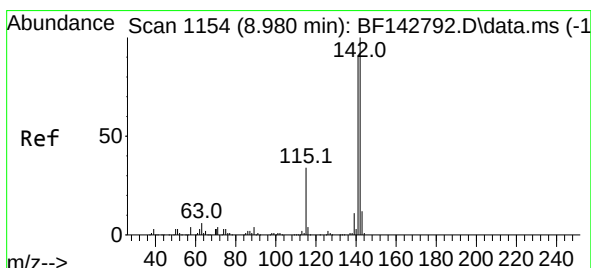
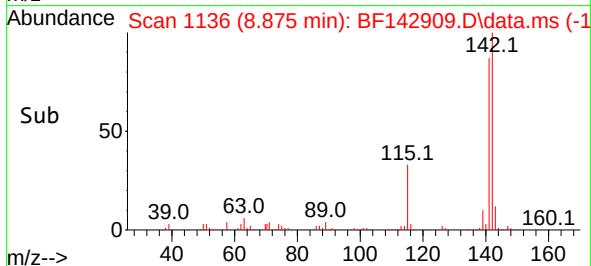
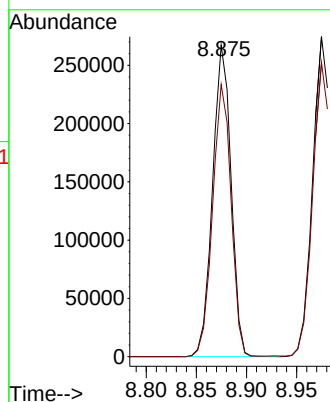
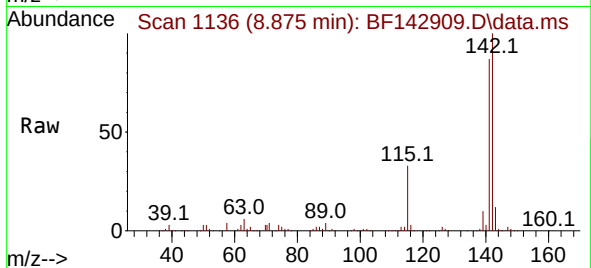
PB168560BS

Tgt Ion:142 Resp: 341929

Ion Ratio Lower Upper

142 100

141 87.4 70.9 106.3



#38

1-Methylnaphthalene

Concen: 42.124 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142909.D

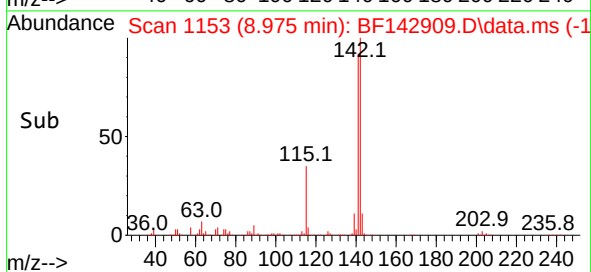
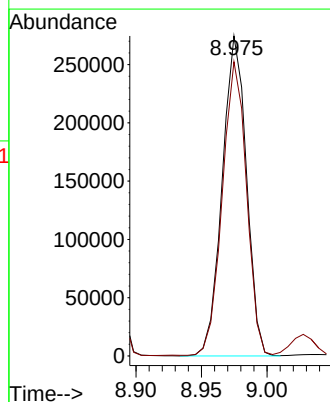
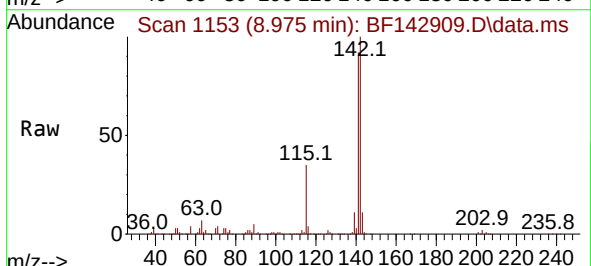
Acq: 30 Jun 2025 10:43

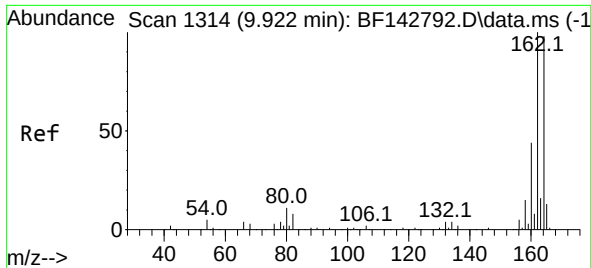
Tgt Ion:142 Resp: 352143

Ion Ratio Lower Upper

142 100

141 92.0 73.0 109.4

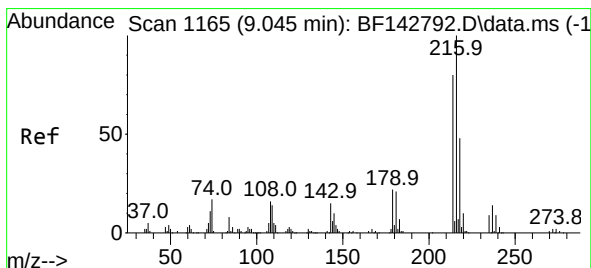
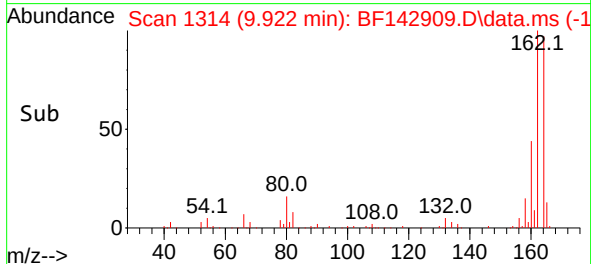
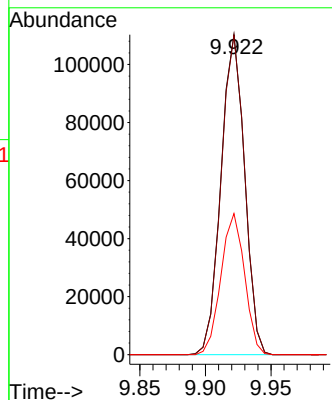
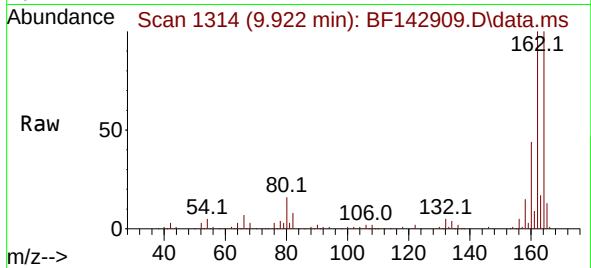




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

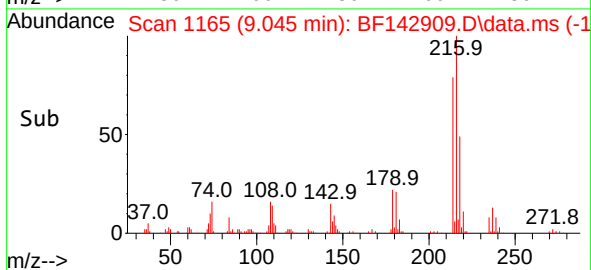
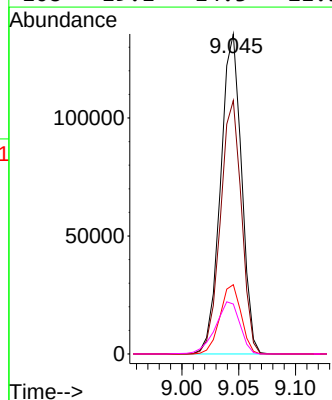
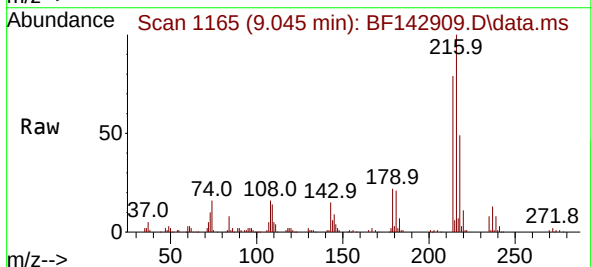
Instrument :
BNA_F
ClientSampleId :
PB168560BS

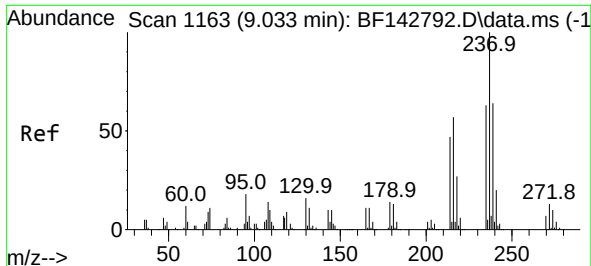
Tgt Ion:164 Resp: 138084
Ion Ratio Lower Upper
164 100
162 99.8 81.8 122.8
160 44.1 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.736 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Tgt Ion:216 Resp: 174122
Ion Ratio Lower Upper
216 100
214 79.3 63.7 95.5
179 21.8 17.6 26.4
108 19.1 14.3 21.5

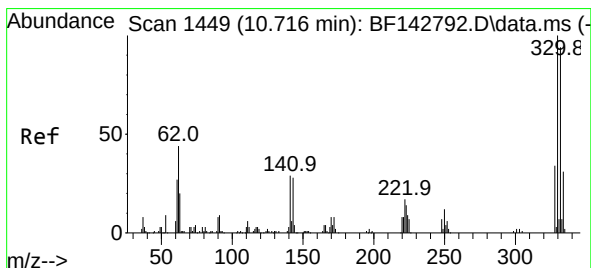
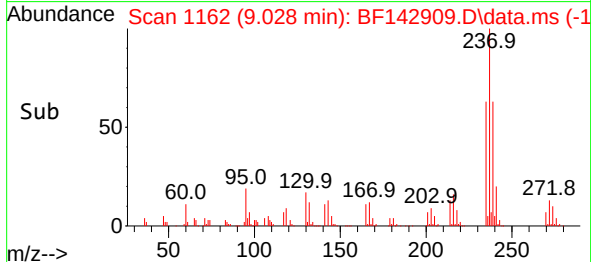
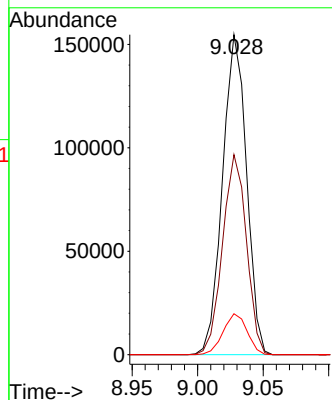
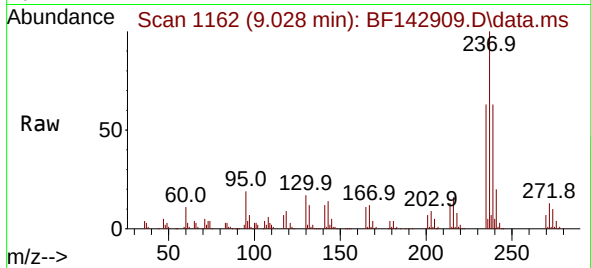




#41
Hexachlorocyclopentadiene
Concen: 85.040 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

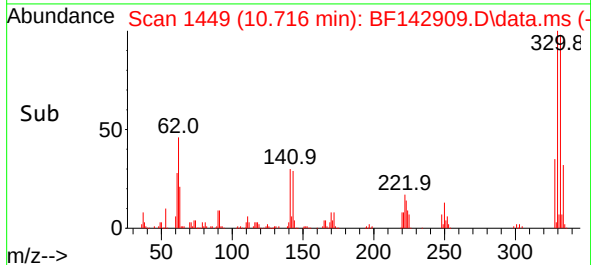
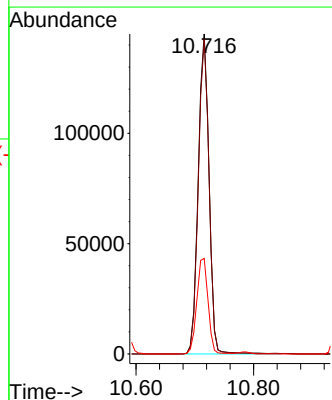
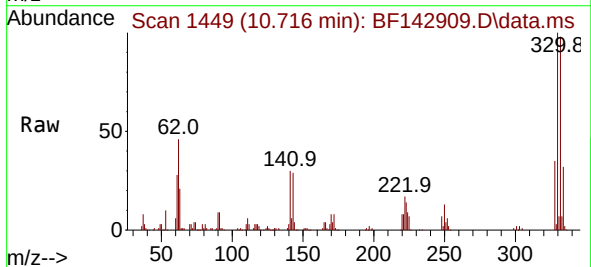
Instrument :
BNA_F
ClientSampleId :
PB168560BS

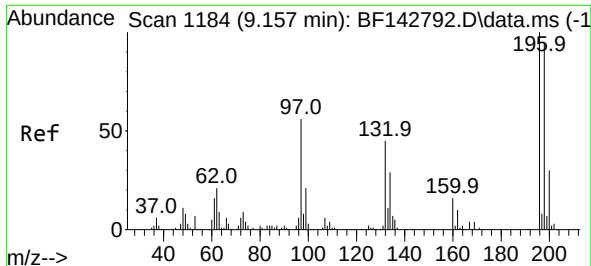
Tgt Ion:237 Resp: 196624
Ion Ratio Lower Upper
237 100
235 62.5 43.4 83.4
272 12.8 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 130.367 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Tgt Ion:330 Resp: 185249
Ion Ratio Lower Upper
330 100
332 97.4 75.0 112.6
141 31.1 25.3 37.9

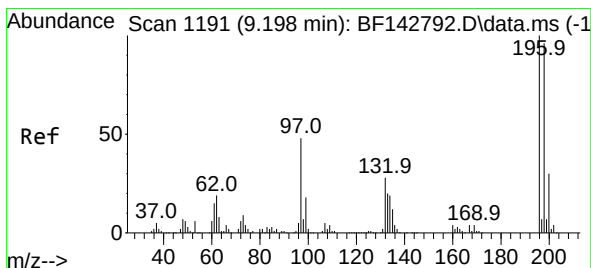
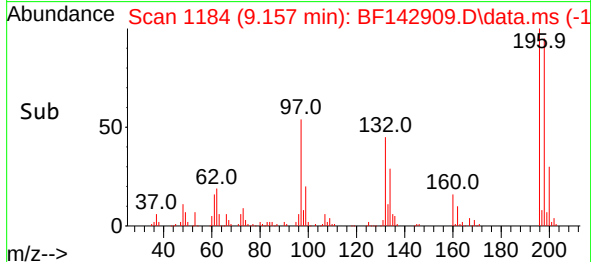
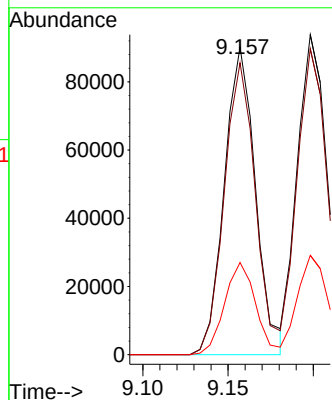
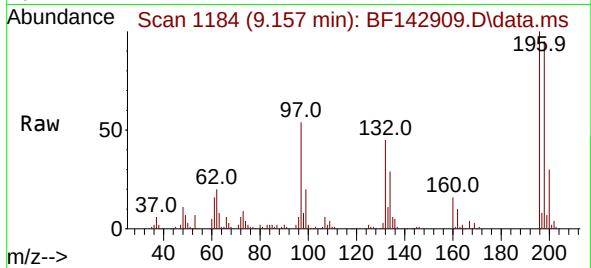




#43
2,4,6-Trichlorophenol
Concen: 43.223 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

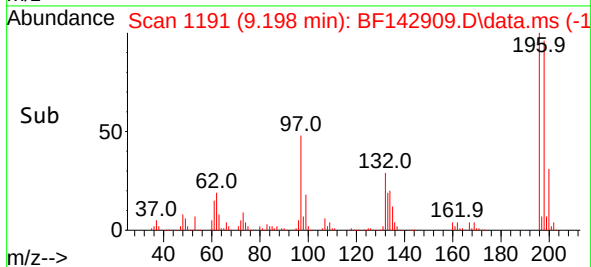
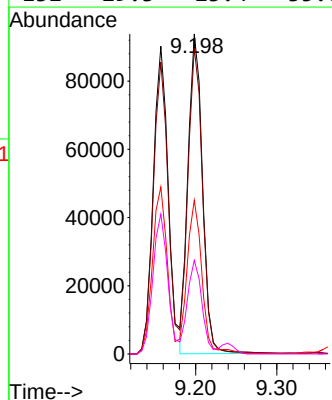
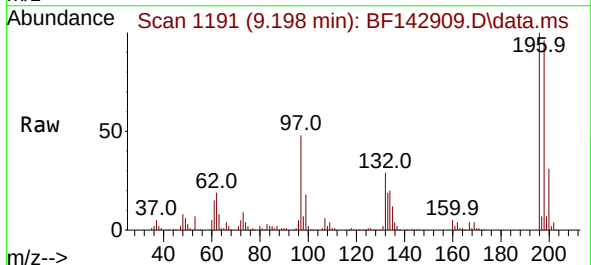
Instrument :
BNA_F
ClientSampleId :
PB168560BS

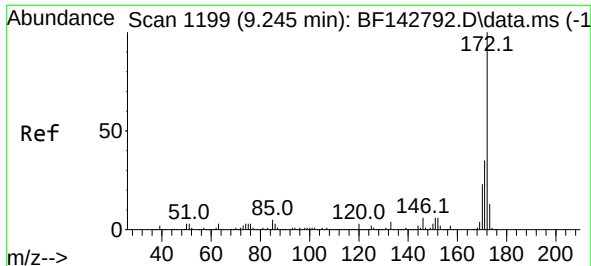
Tgt Ion:196 Resp: 114757
Ion Ratio Lower Upper
196 100
198 94.8 76.2 114.2
200 30.0 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 41.807 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Tgt Ion:196 Resp: 116843
Ion Ratio Lower Upper
196 100
198 95.6 76.6 115.0
97 48.1 38.2 57.2
132 29.3 23.4 35.0

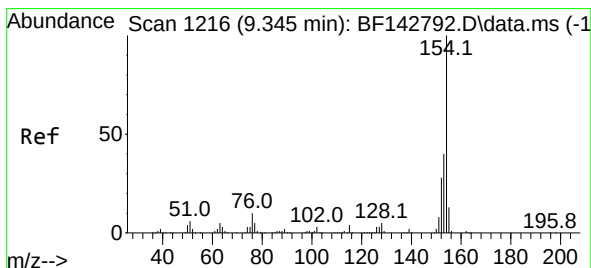
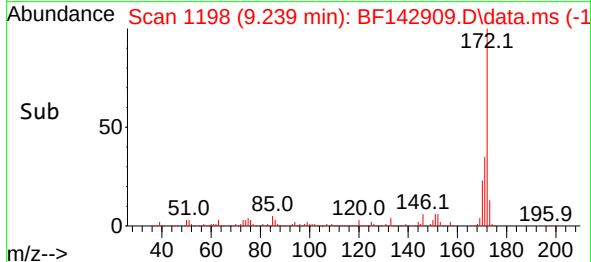
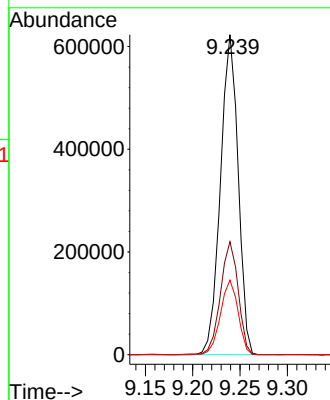
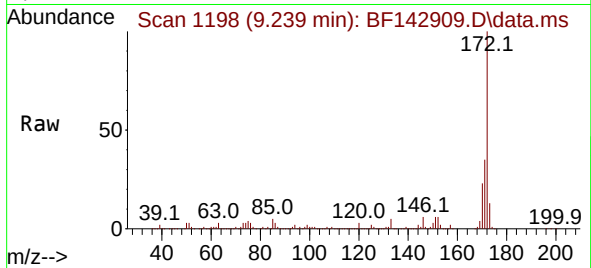




#45
2-Fluorobiphenyl
Concen: 77.118 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

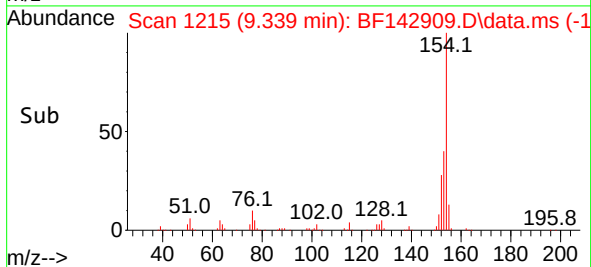
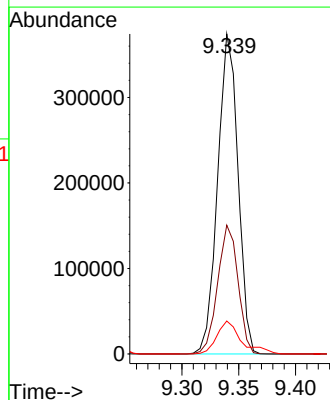
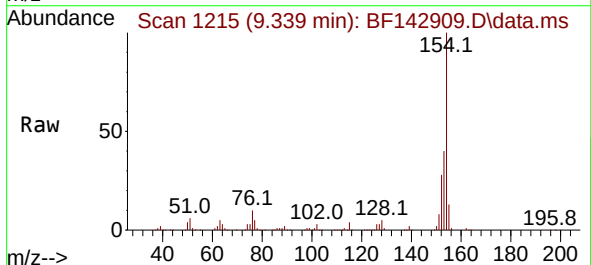
Instrument :
BNA_F
ClientSampleId :
PB168560BS

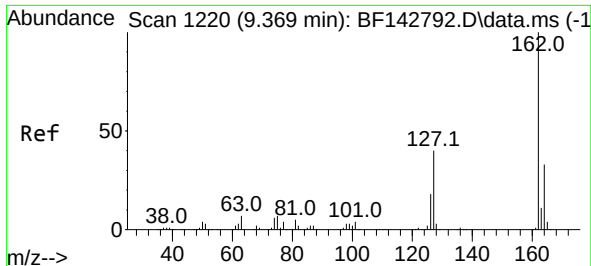
Tgt Ion:172 Resp: 810606
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.3 18.5 27.7



#46
1,1'-Biphenyl
Concen: 42.800 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Tgt Ion:154 Resp: 466862
Ion Ratio Lower Upper
154 100
153 40.2 20.3 60.3
76 10.3 0.0 30.3

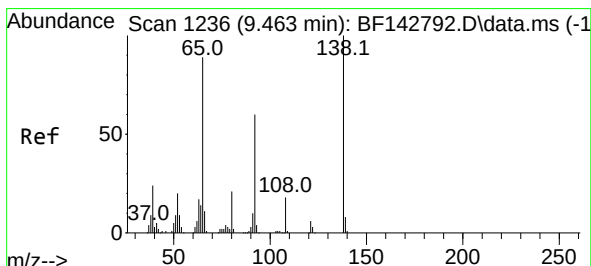
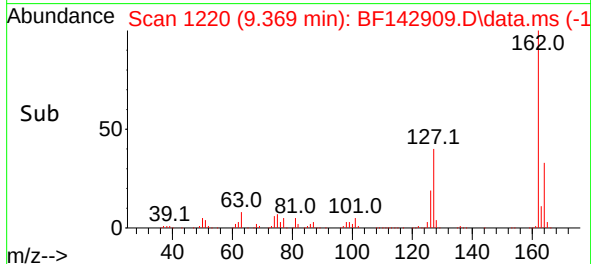
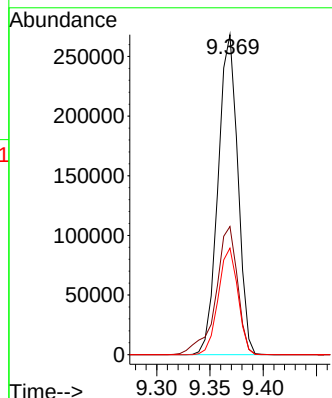
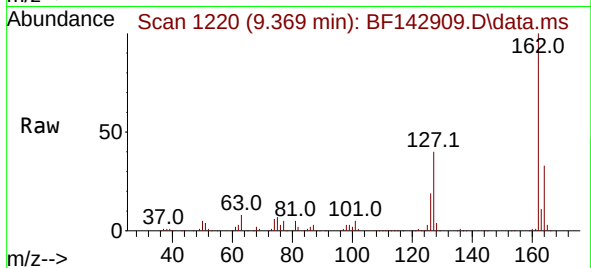




#47
2-Chloronaphthalene
Concen: 42.144 ng
RT: 9.369 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

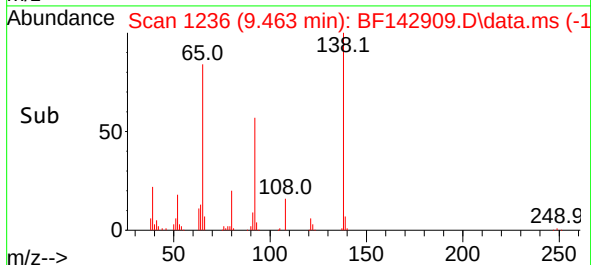
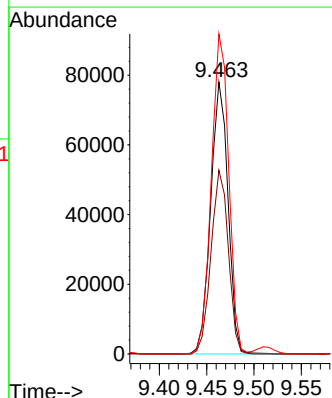
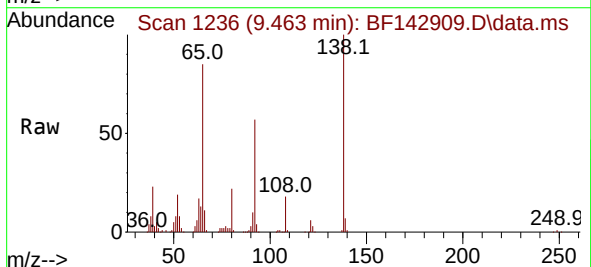
Instrument :
BNA_F
ClientSampleId :
PB168560BS

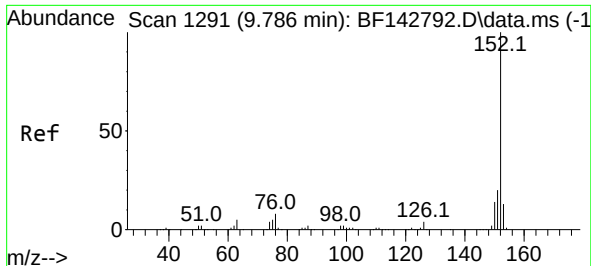
Tgt Ion:162 Resp: 344973
Ion Ratio Lower Upper
162 100
127 40.1 32.2 48.2
164 33.3 26.1 39.1



#48
2-Nitroaniline
Concen: 43.205 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Tgt Ion: 65 Resp: 99150
Ion Ratio Lower Upper
65 100
92 67.5 53.8 80.6
138 117.6 89.6 134.4





#49

Acenaphthylene

Concen: 42.564 ng

RT: 9.781 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168560BS

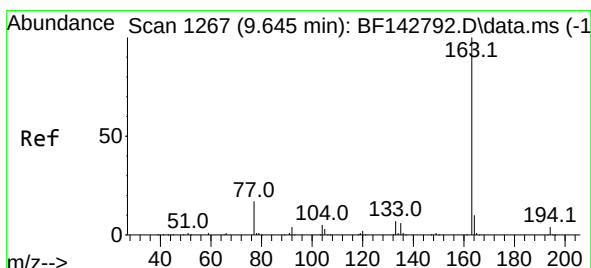
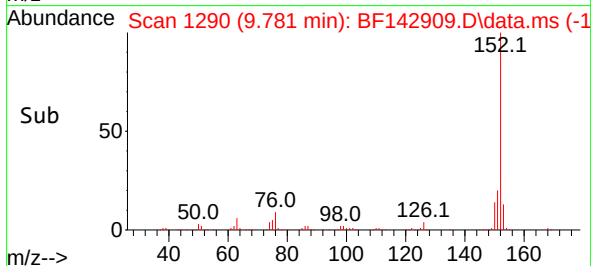
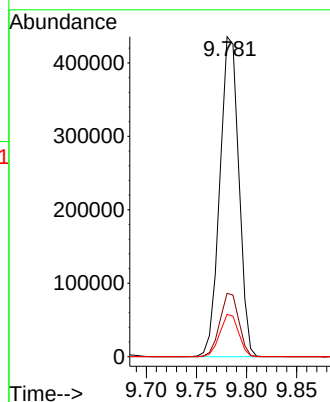
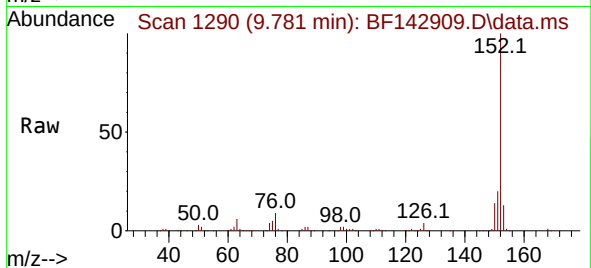
Tgt Ion:152 Resp: 573556

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 44.352 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

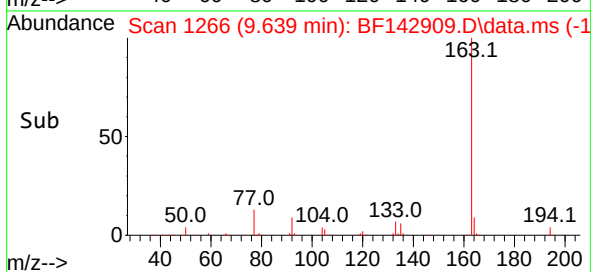
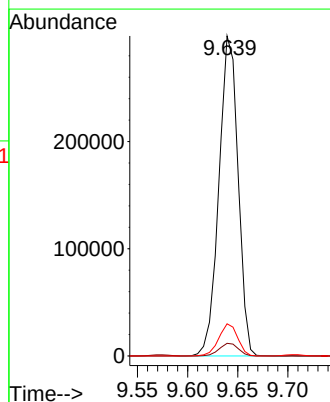
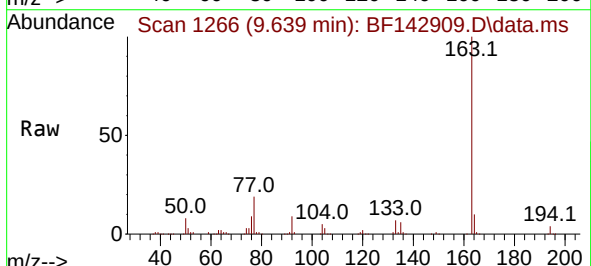
Tgt Ion:163 Resp: 396431

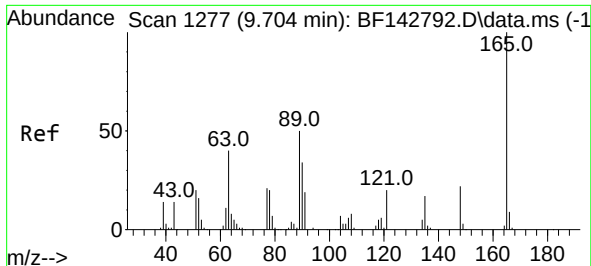
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.0 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 44.297 ng

RT: 9.704 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168560BS

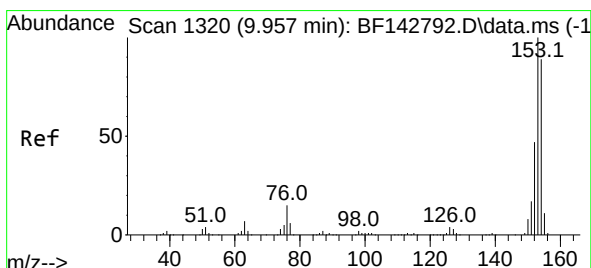
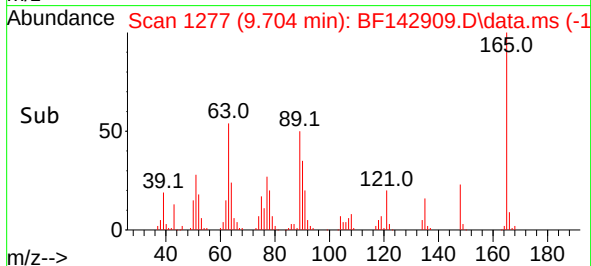
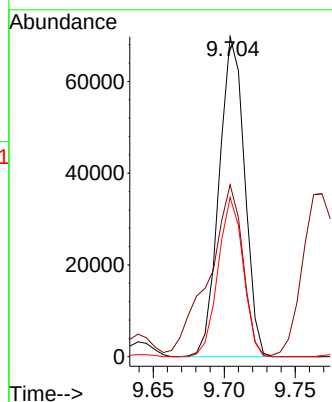
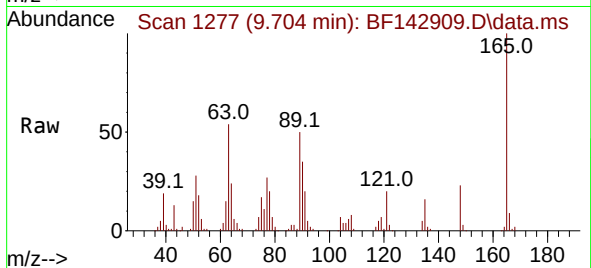
Tgt Ion:165 Resp: 86951

Ion Ratio Lower Upper

165 100

63 53.8 44.2 66.4

89 49.8 39.8 59.8



#52

Acenaphthene

Concen: 42.130 ng

RT: 9.957 min Scan# 1320

Delta R.T. 0.000 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

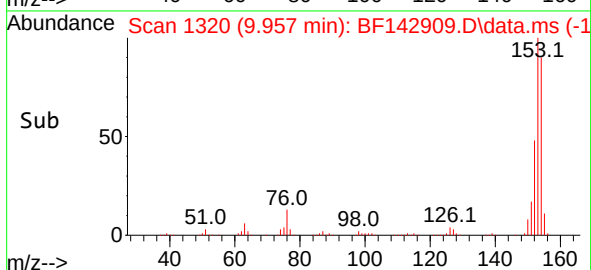
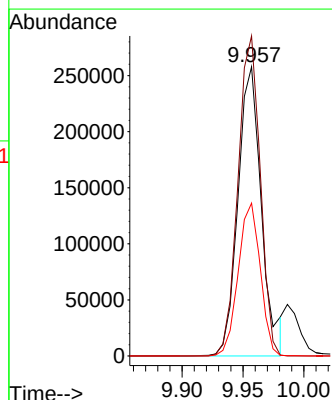
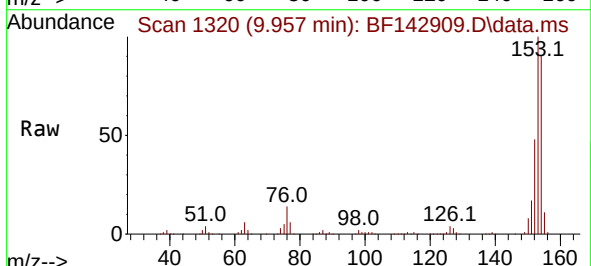
Tgt Ion:154 Resp: 346378

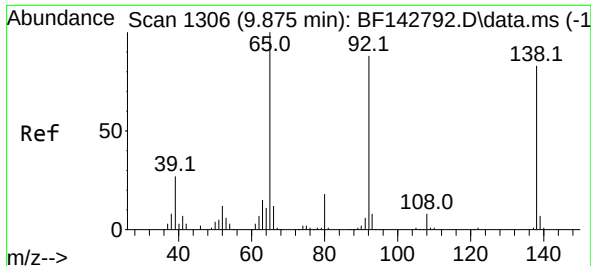
Ion Ratio Lower Upper

154 100

153 110.6 90.0 135.0

152 52.9 41.9 62.9

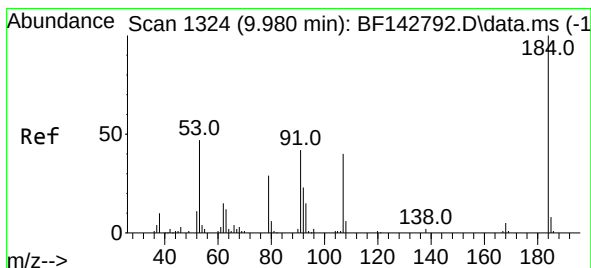
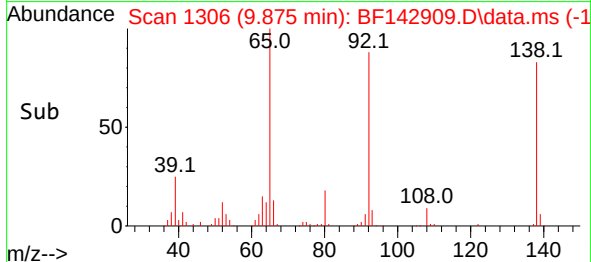
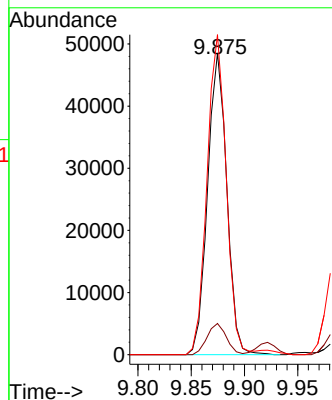
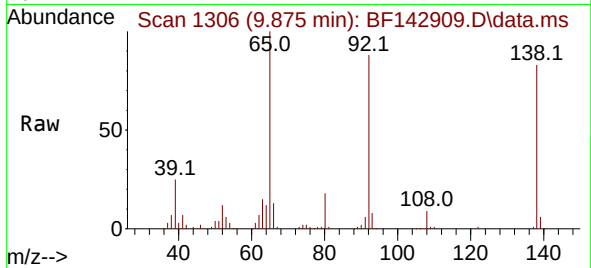




#53
3-Nitroaniline
Concen: 28.199 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

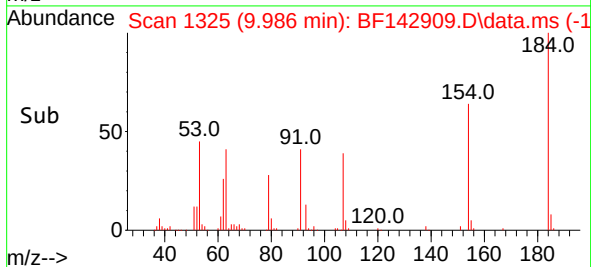
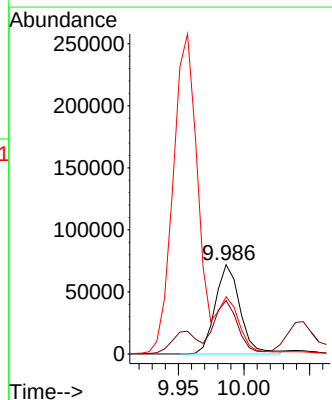
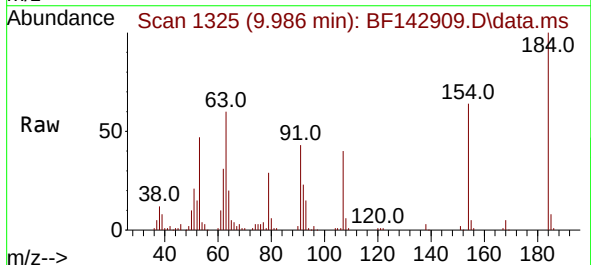
Instrument :
BNA_F
ClientSampleId :
PB168560BS

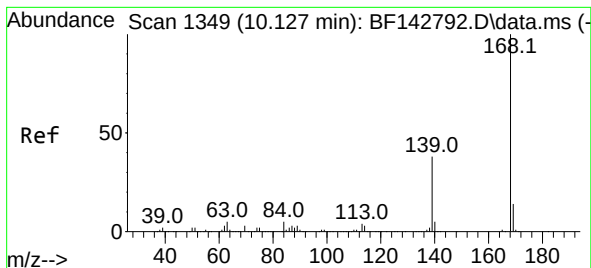
Tgt Ion:138 Resp: 60943
Ion Ratio Lower Upper
138 100
108 10.3 8.1 12.1
92 106.1 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 95.998 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Tgt Ion:184 Resp: 94354
Ion Ratio Lower Upper
184 100
63 59.8 50.6 75.8
154 63.9 51.8 77.8





#55

Dibenzofuran

Concen: 42.526 ng

RT: 10.128 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168560BS

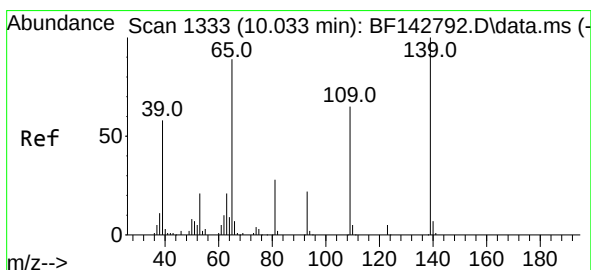
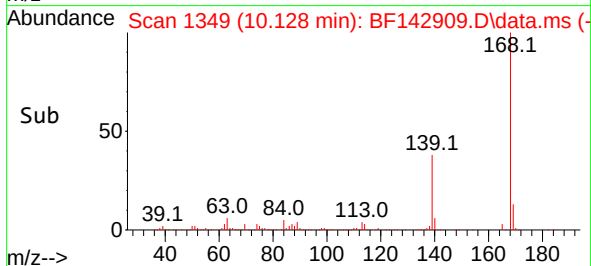
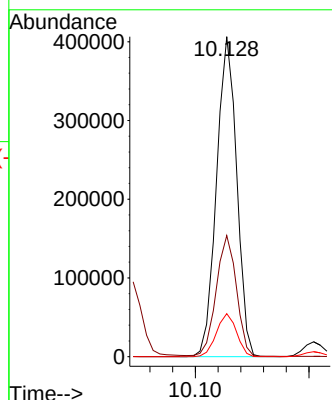
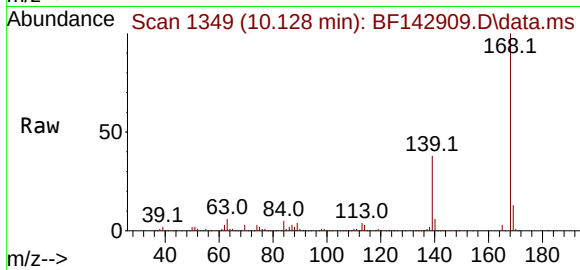
Tgt Ion:168 Resp: 501360

Ion Ratio Lower Upper

168 100

139 37.9 30.2 45.4

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 88.164 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.012 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

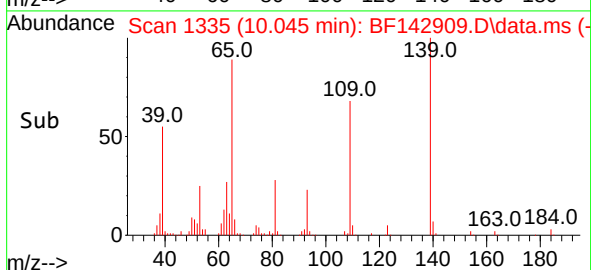
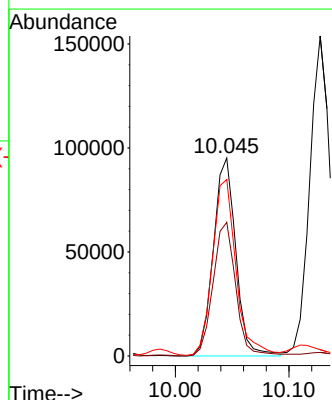
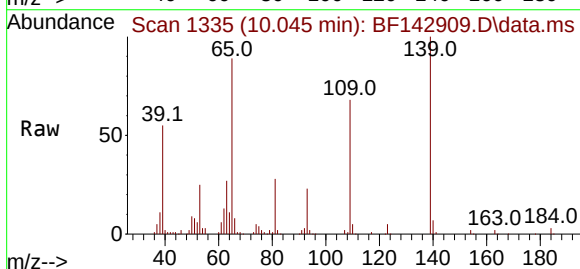
Tgt Ion:139 Resp: 130444

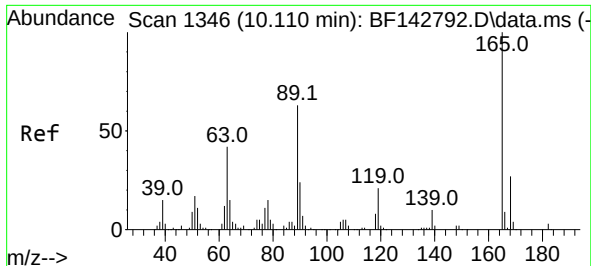
Ion Ratio Lower Upper

139 100

109 67.5 44.7 84.7

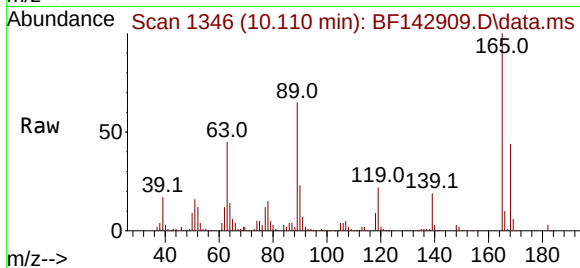
65 89.2 69.8 109.8



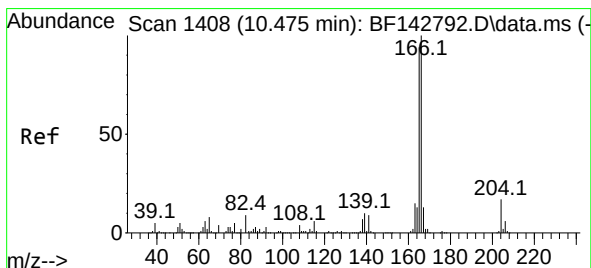
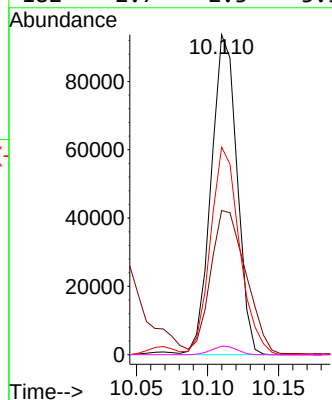
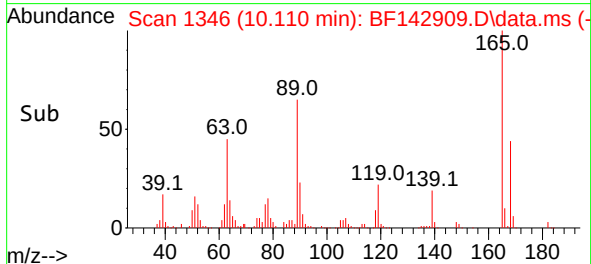


#57
2,4-Dinitrotoluene
Concen: 45.467 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

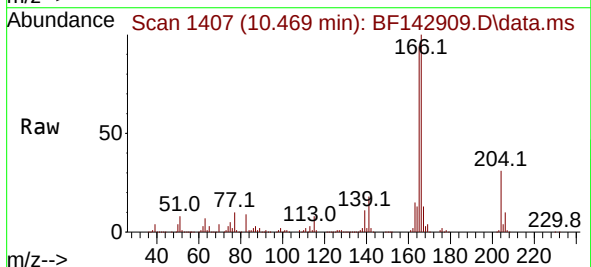
Instrument :
BNA_F
ClientSampleId :
PB168560BS



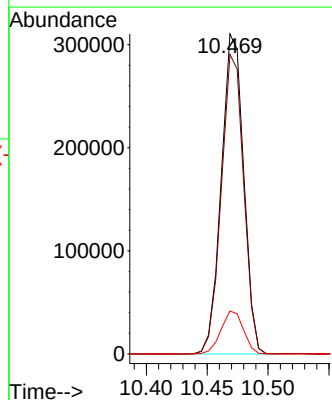
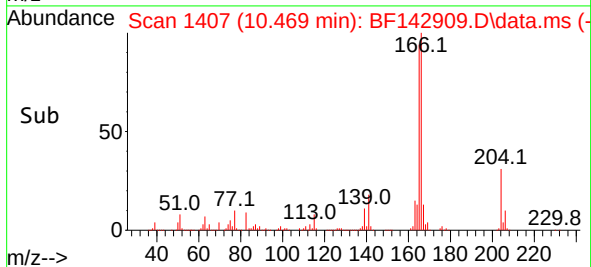
Tgt Ion:165 Resp: 118547
Ion Ratio Lower Upper
165 100
63 45.1 33.9 50.9
89 64.9 50.6 75.8
182 2.7 2.3 3.5

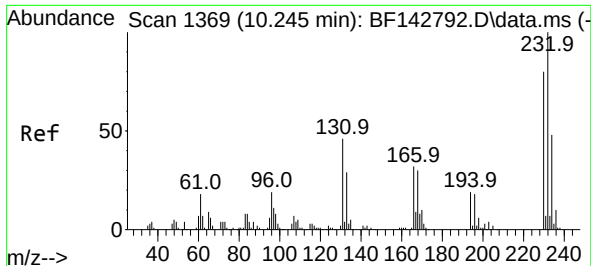


#58
Fluorene
Concen: 43.033 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43



Tgt Ion:166 Resp: 396226
Ion Ratio Lower Upper
166 100
165 93.6 75.2 112.8
167 13.5 10.6 15.8

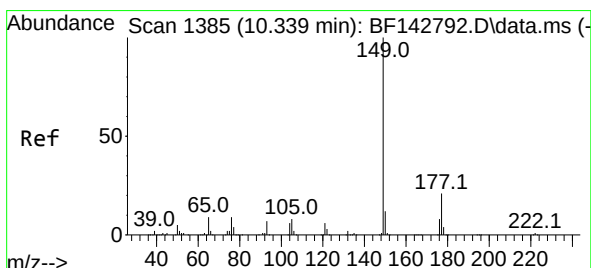
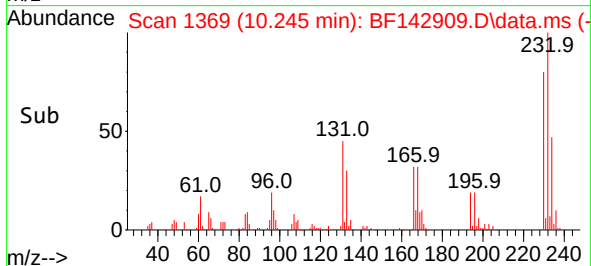
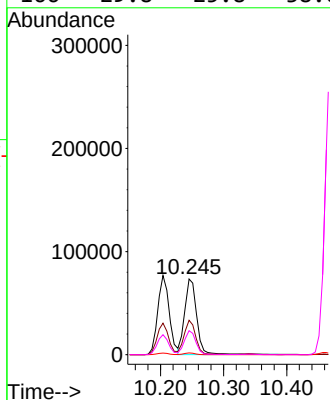
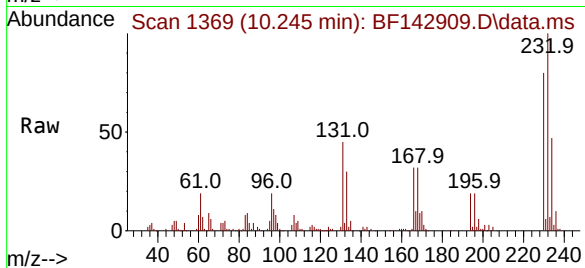




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.965 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

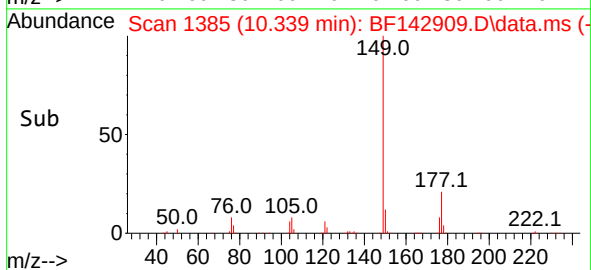
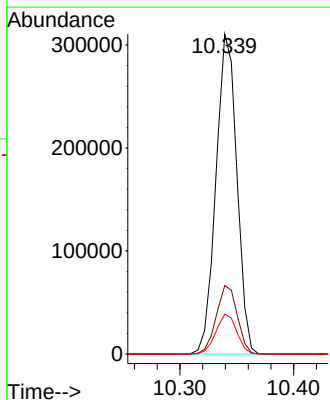
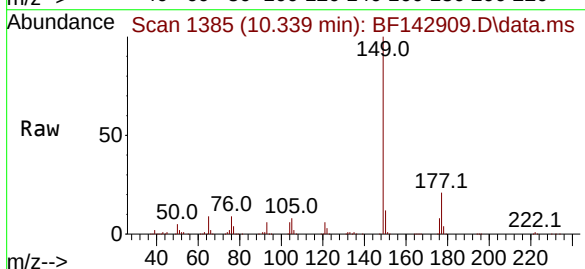
Instrument :
BNA_F
ClientSampleId :
PB168560BS

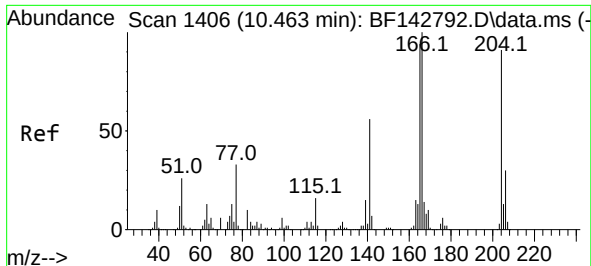
Tgt Ion:	232	Resp:	96792
Ion Ratio	Lower	Upper	
232	100		
131	43.9	37.6	56.4
130	2.1	1.7	2.5
166	29.8	25.8	38.6



#60
Diethylphthalate
Concen: 45.334 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Tgt Ion:	149	Resp:	397296
Ion Ratio	Lower	Upper	
149	100		
177	21.4	17.0	25.6
150	12.4	9.8	14.6

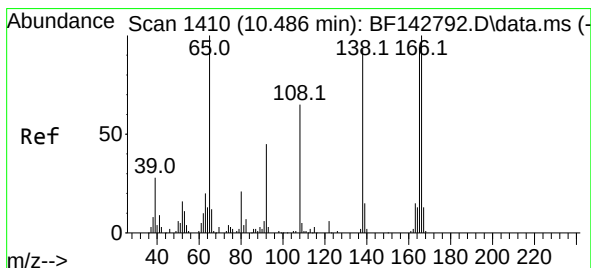
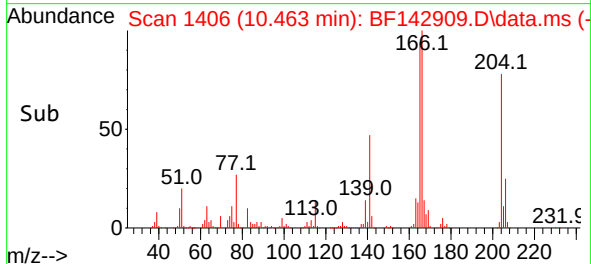
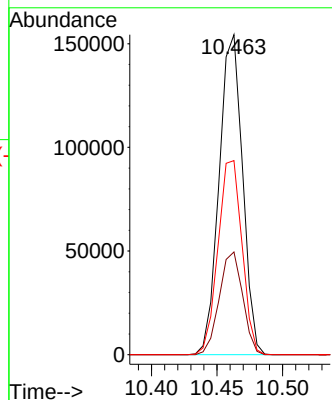
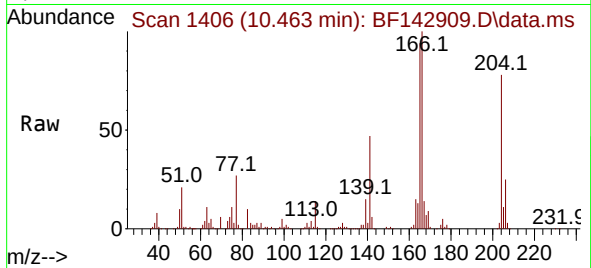




#61
4-Chlorophenyl-phenylether
Concen: 43.638 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

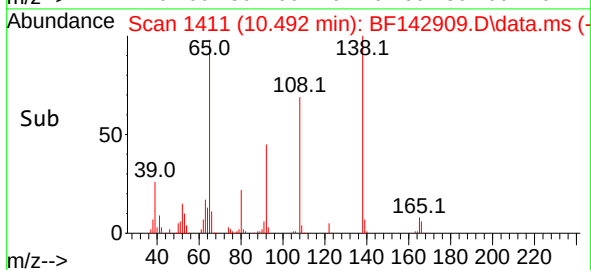
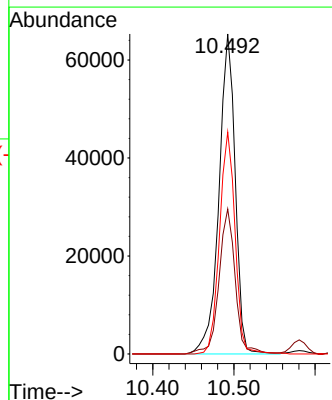
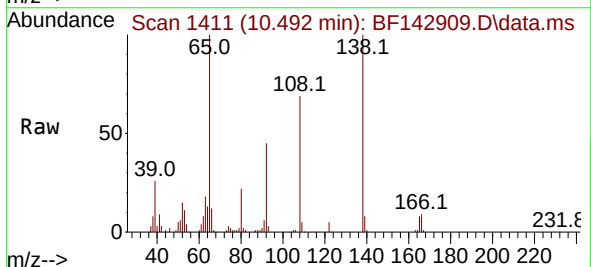
Instrument :
BNA_F
ClientSampleId :
PB168560BS

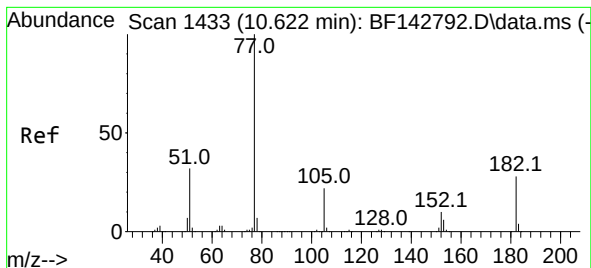
Tgt Ion:204 Resp: 191728
Ion Ratio Lower Upper
204 100
206 32.1 26.3 39.5
141 60.6 49.1 73.7



#62
4-Nitroaniline
Concen: 46.192 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Tgt Ion:138 Resp: 91301
Ion Ratio Lower Upper
138 100
92 45.3 28.4 68.4
108 69.4 50.2 90.2





#63

Azobenzene

Concen: 42.683 ng

RT: 10.622 min Scan# 1433

Delta R.T. 0.000 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168560BS

Tgt Ion: 77 Resp: 334328

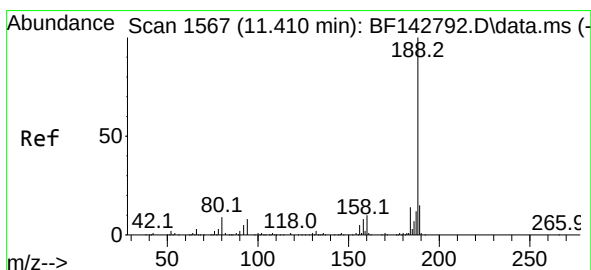
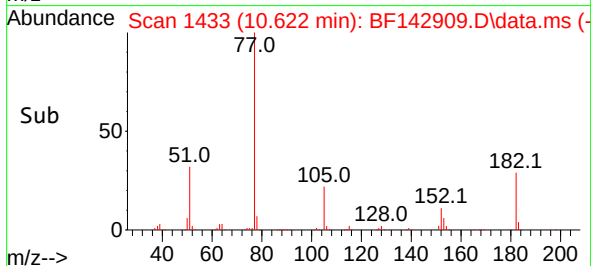
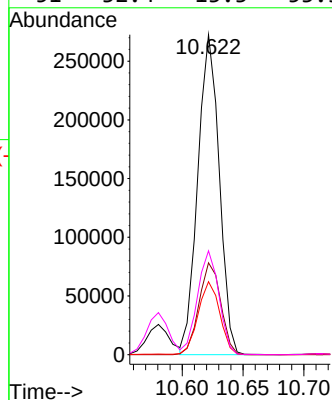
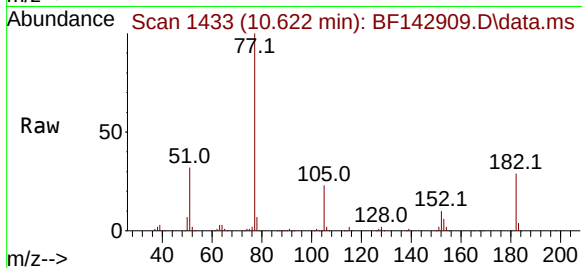
Ion Ratio Lower Upper

77 100

182 28.7 7.7 47.7

105 22.8 1.9 41.9

51 32.4 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: BF142909.D

Acq: 30 Jun 2025 10:43

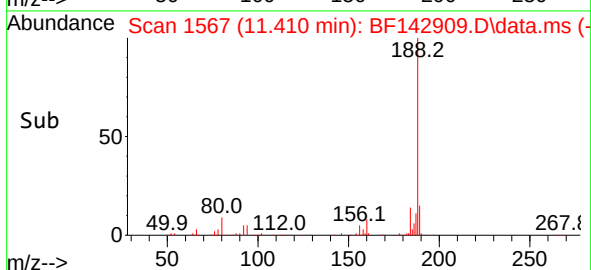
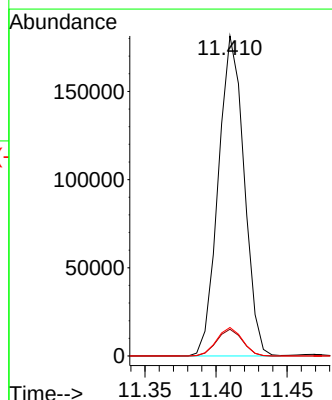
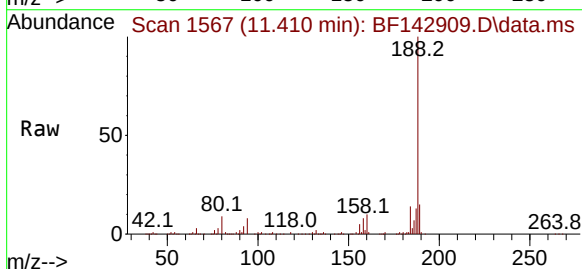
Tgt Ion: 188 Resp: 228948

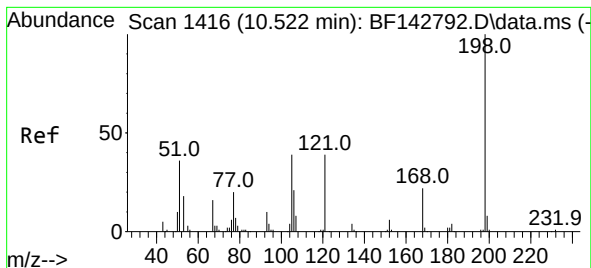
Ion Ratio Lower Upper

188 100

94 8.4 6.7 10.1

80 8.9 6.9 10.3

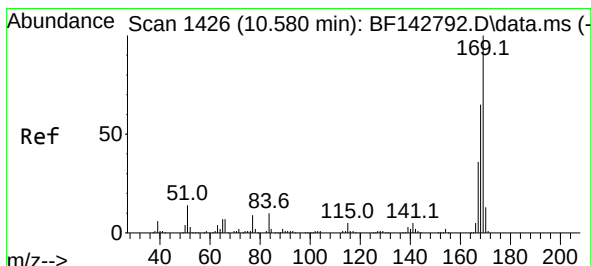
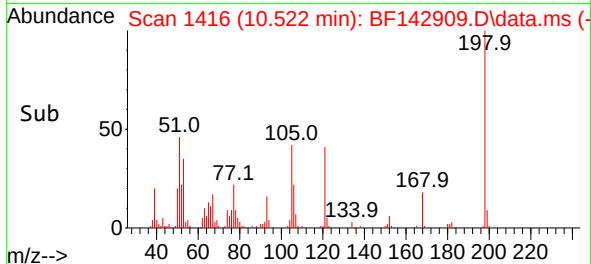
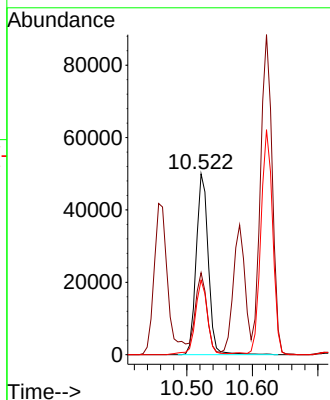
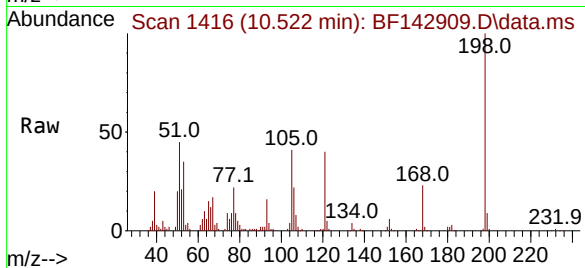




#65
4,6-Dinitro-2-methylphenol
Concen: 46.372 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

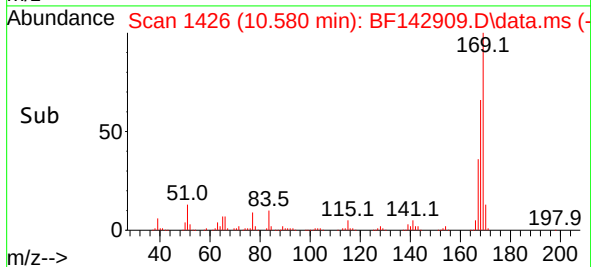
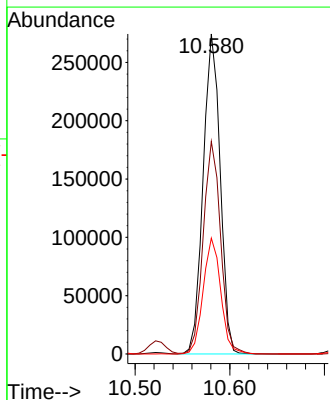
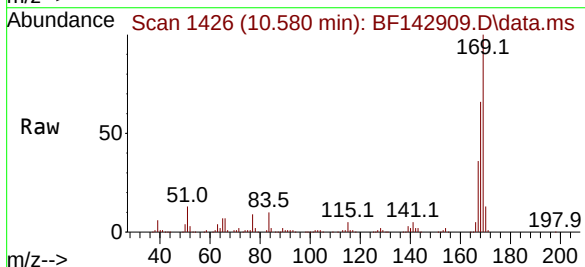
Instrument :
BNA_F
ClientSampleId :
PB168560BS

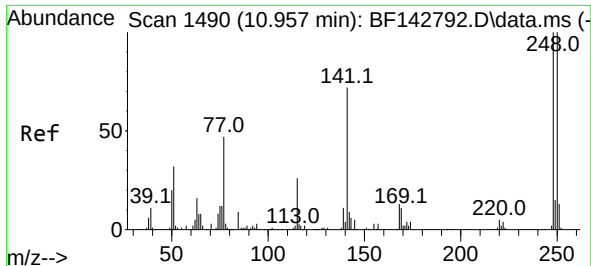
Tgt Ion:198 Resp: 64218
Ion Ratio Lower Upper
198 100
51 45.3 25.4 65.4
105 41.3 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 43.196 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Tgt Ion:169 Resp: 342749
Ion Ratio Lower Upper
169 100
168 66.4 51.9 77.9
167 36.2 28.5 42.7

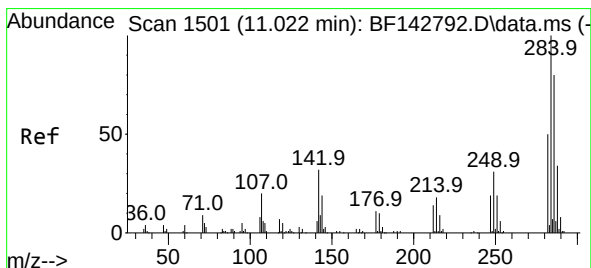
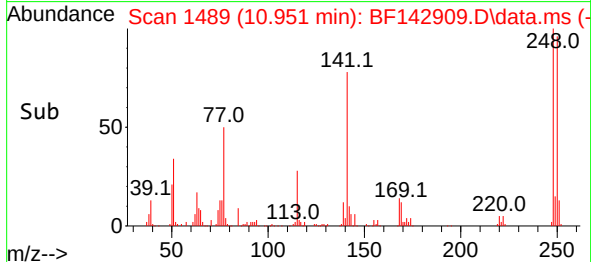
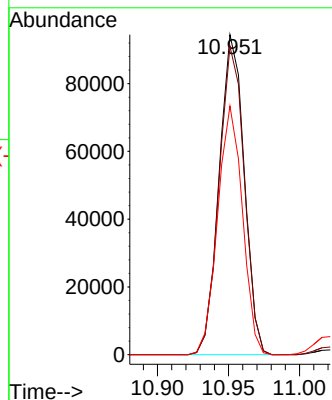
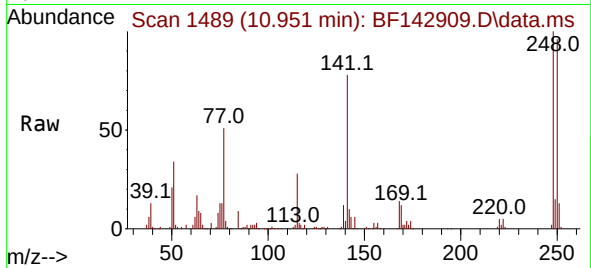




#67
4-Bromophenyl-phenylether
Concen: 44.531 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

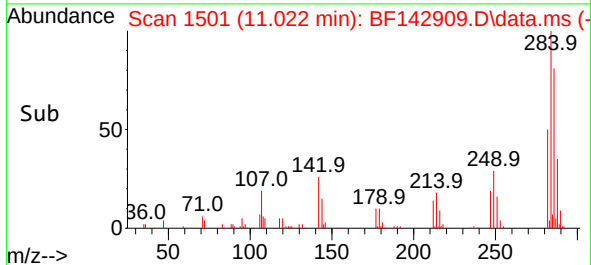
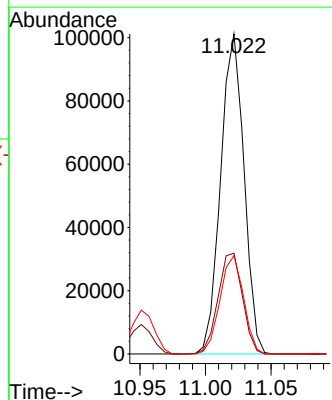
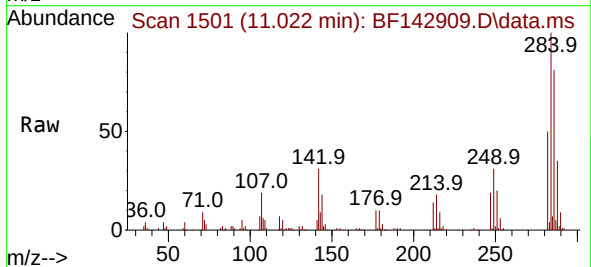
Instrument :
BNA_F
ClientSampleId :
PB168560BS

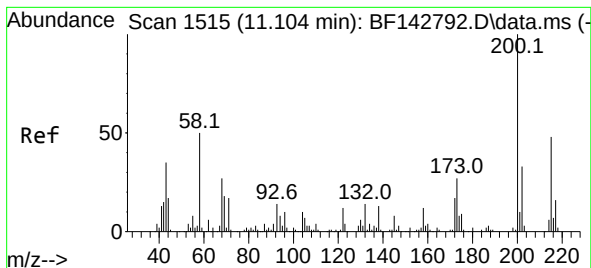
Tgt Ion:248 Resp: 116031
Ion Ratio Lower Upper
248 100
250 96.4 79.8 119.8
141 77.7 57.8 86.6



#68
Hexachlorobenzene
Concen: 43.264 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Tgt Ion:284 Resp: 125261
Ion Ratio Lower Upper
284 100
142 31.5 25.5 38.3
249 30.7 24.9 37.3





#69

Atrazine

Concen: 50.174 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168560BS

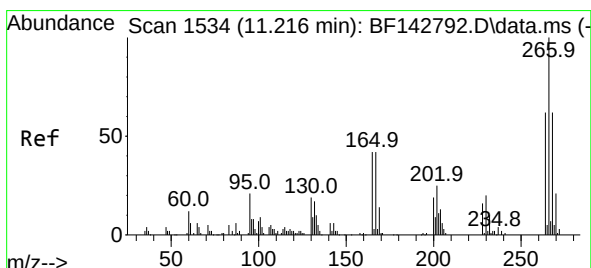
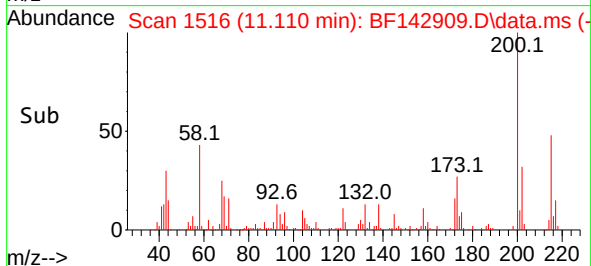
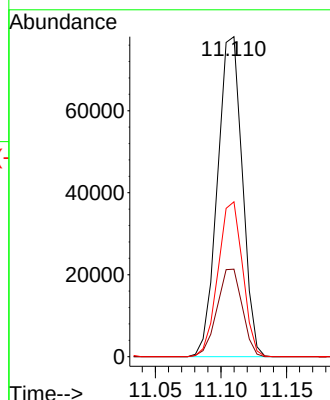
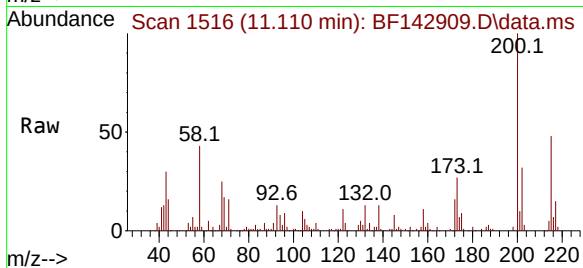
Tgt Ion:200 Resp: 102808

Ion Ratio Lower Upper

200 100

173 27.3 7.4 47.4

215 48.4 28.4 68.4



#70

Pentachlorophenol

Concen: 88.110 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

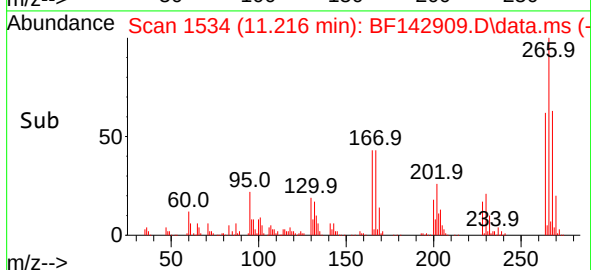
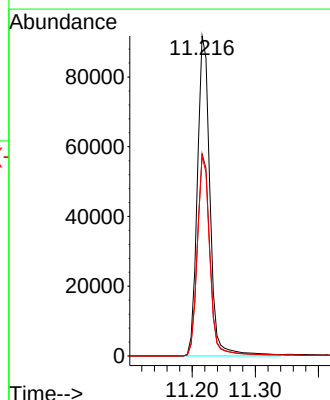
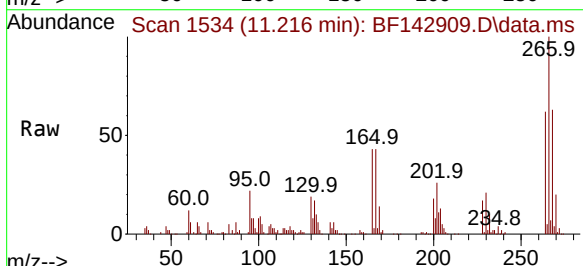
Tgt Ion:266 Resp: 127119

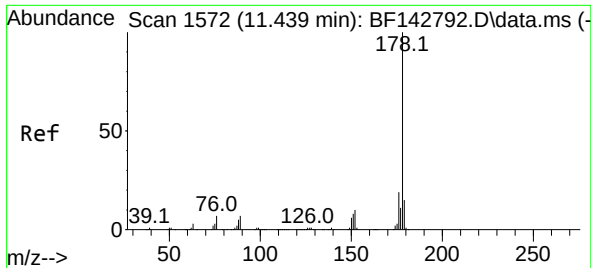
Ion Ratio Lower Upper

266 100

268 63.1 49.8 74.8

264 62.5 49.9 74.9

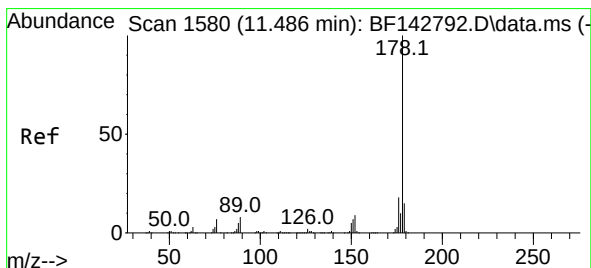
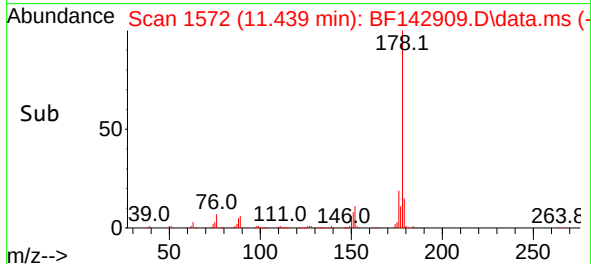
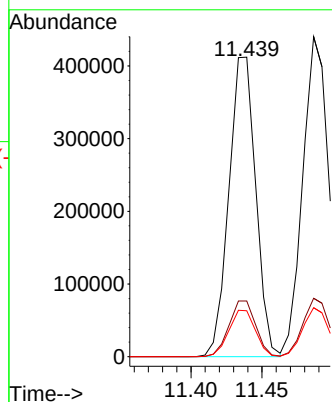
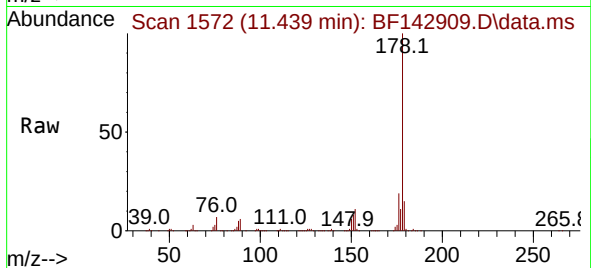




#71
Phenanthrene
Concen: 43.798 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

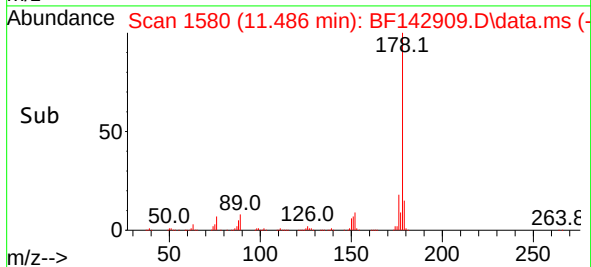
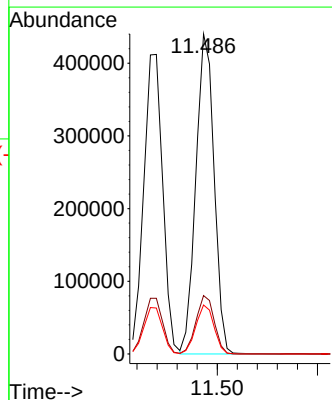
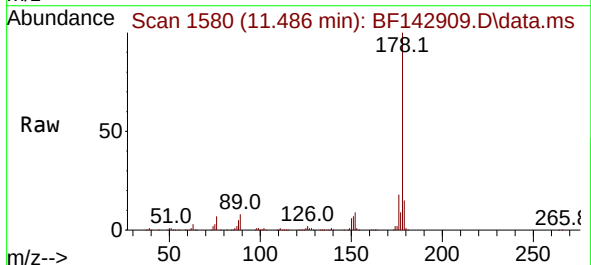
Instrument :
BNA_F
ClientSampleId :
PB168560BS

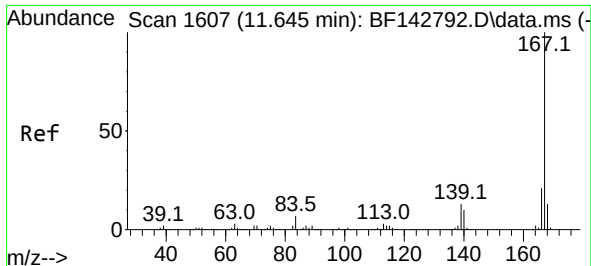
Tgt Ion:178 Resp: 543191
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.3 12.0 18.0



#72
Anthracene
Concen: 43.809 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

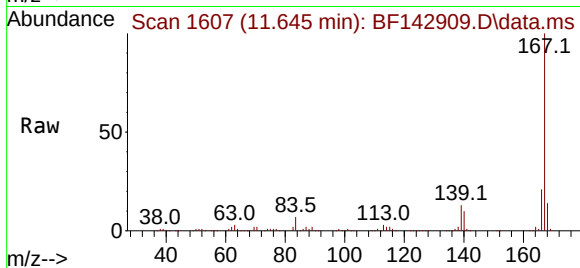
Tgt Ion:178 Resp: 557223
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.3 12.4 18.6



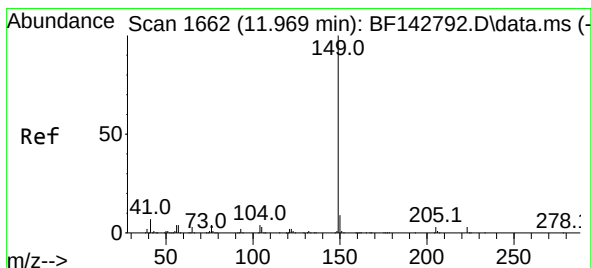
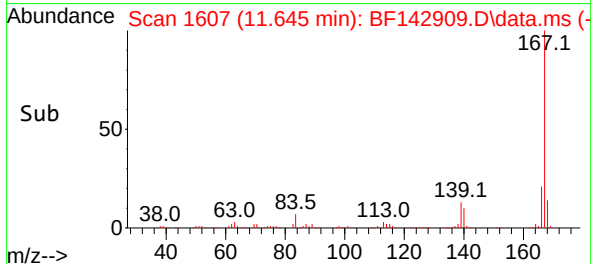
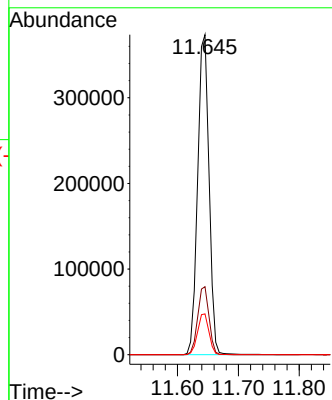


#73
 Carbazole
 Concen: 44.214 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. 0.000 min
 Lab File: BF142909.D
 Acq: 30 Jun 2025 10:43

Instrument :
 BNA_F
 ClientSampleId :
 PB168560BS

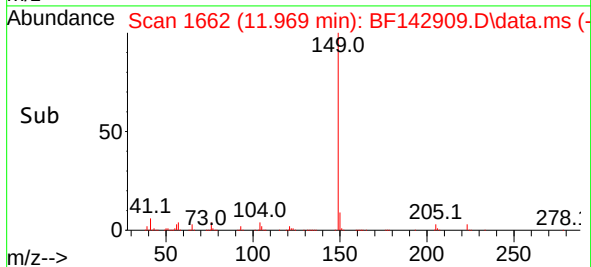
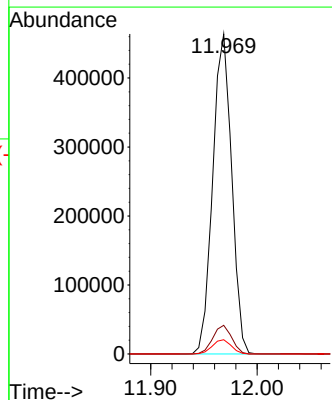
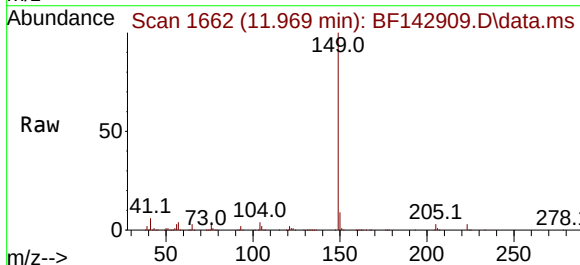


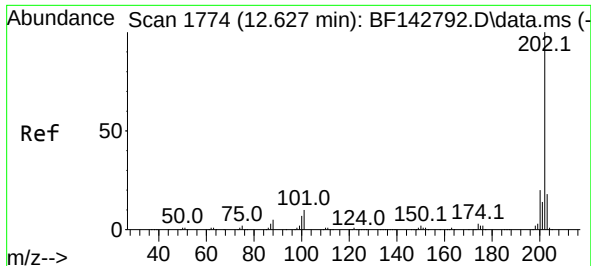
Tgt Ion:167 Resp: 485310
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 12.8 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 50.013 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF142909.D
 Acq: 30 Jun 2025 10:43

Tgt Ion:149 Resp: 571886
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 4.4 3.5 5.3

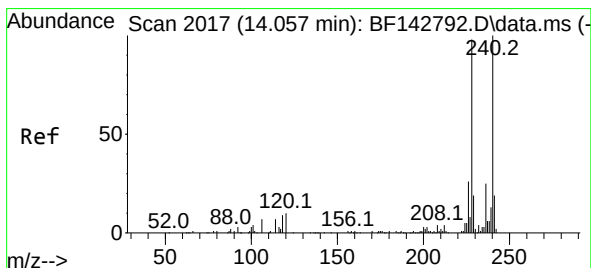
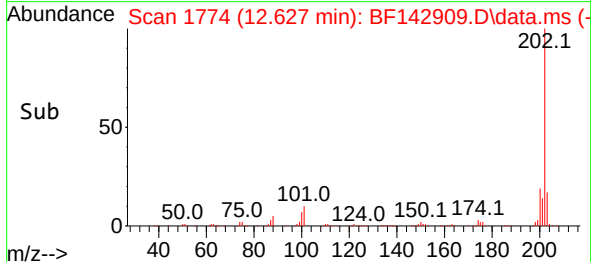
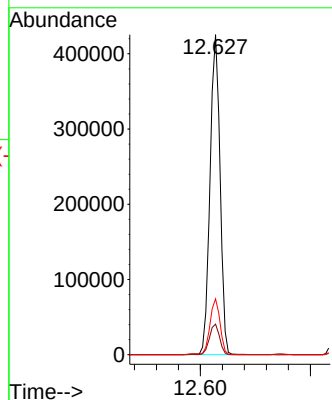
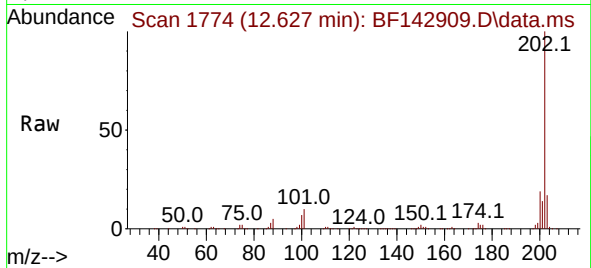




#75
Fluoranthene
Concen: 45.609 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

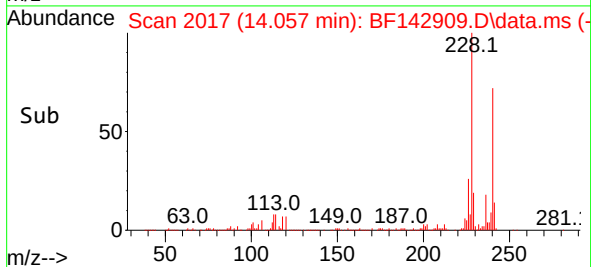
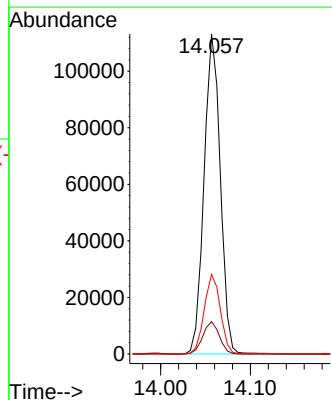
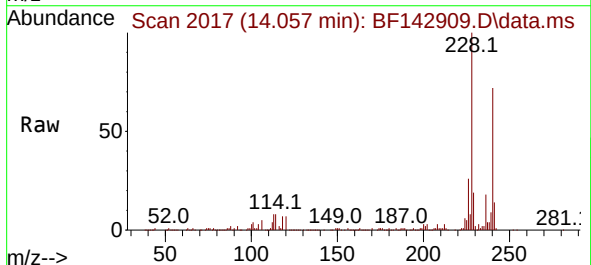
Instrument :
BNA_F
ClientSampleId :
PB168560BS

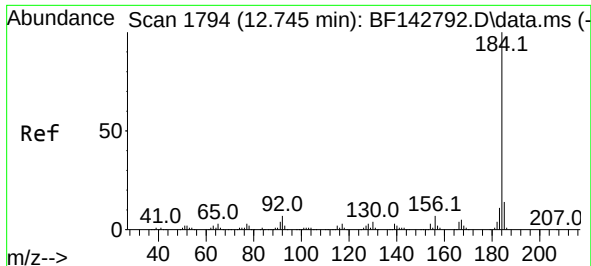
Tgt Ion:202 Resp: 536831
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.7
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Tgt Ion:240 Resp: 142160
Ion Ratio Lower Upper
240 100
120 10.1 8.2 12.2
236 24.9 19.8 29.8

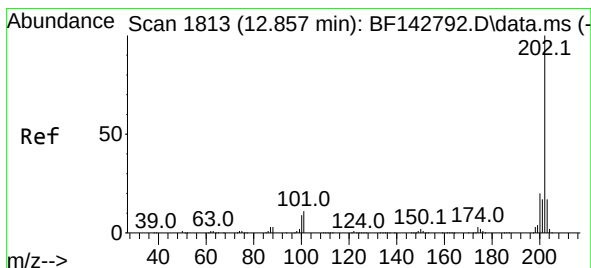
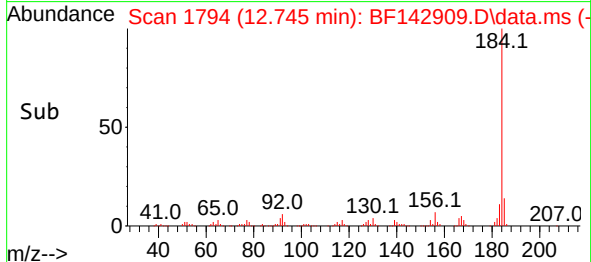
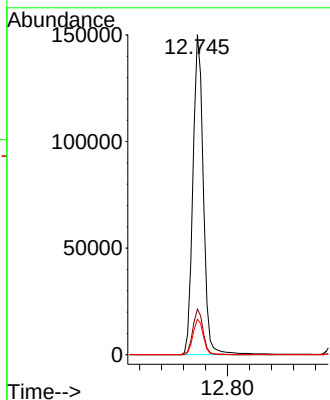
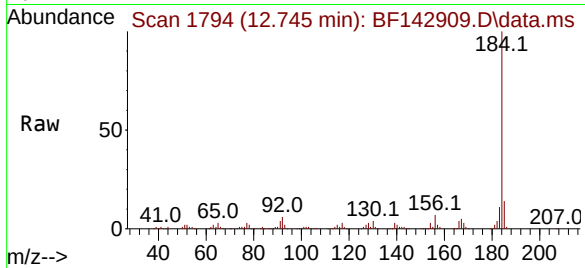




#77
Benzidine
Concen: 37.003 ng
RT: 12.745 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

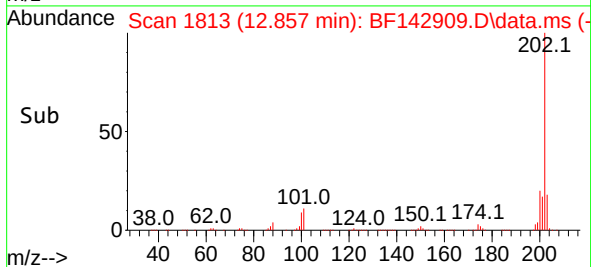
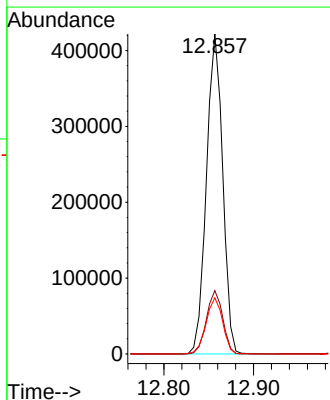
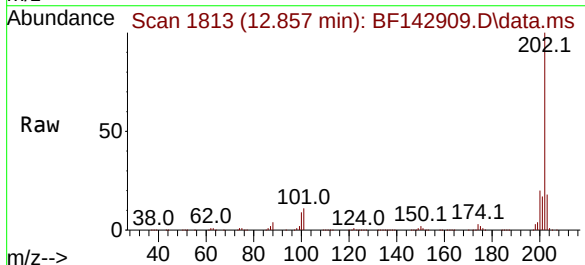
Instrument :
BNA_F
ClientSampleId :
PB168560BS

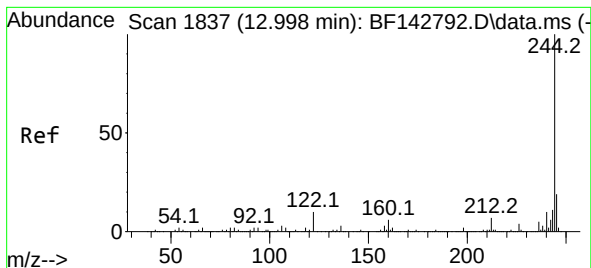
Tgt Ion:184 Resp: 197638
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 11.1 9.0 13.4



#78
Pyrene
Concen: 39.816 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Tgt Ion:202 Resp: 530557
Ion Ratio Lower Upper
202 100
200 19.8 15.7 23.5
203 17.5 13.8 20.6





#79

Terphenyl-d14

Concen: 73.814 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168560BS

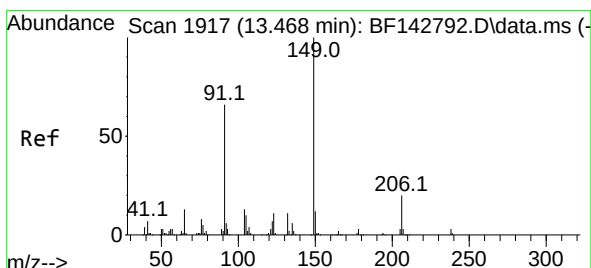
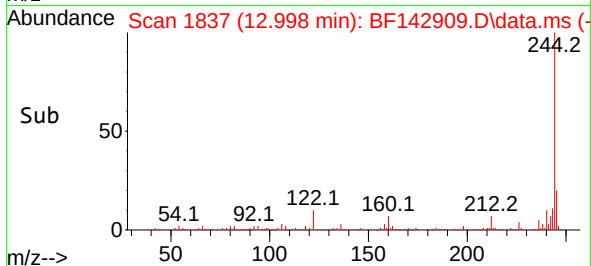
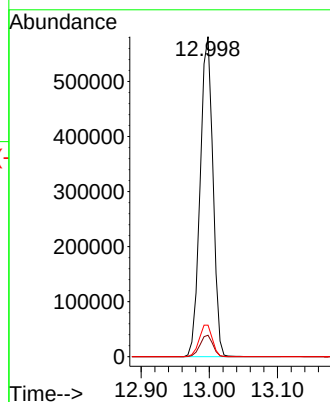
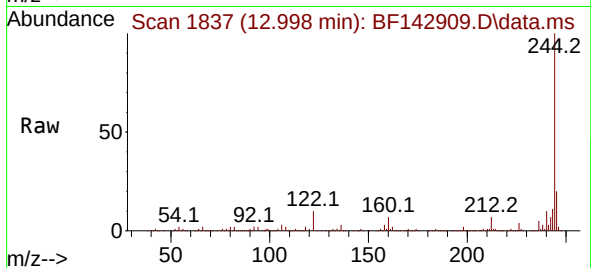
Tgt Ion:244 Resp: 759450

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 9.8 8.2 12.2



#80

Butylbenzylphthalate

Concen: 50.866 ng

RT: 13.469 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

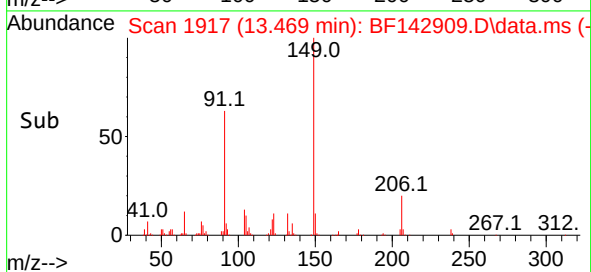
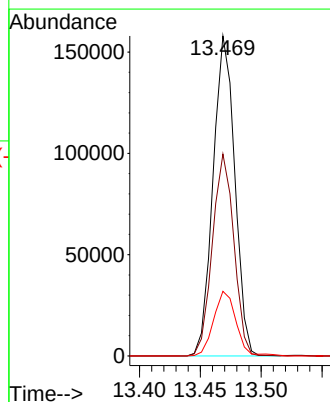
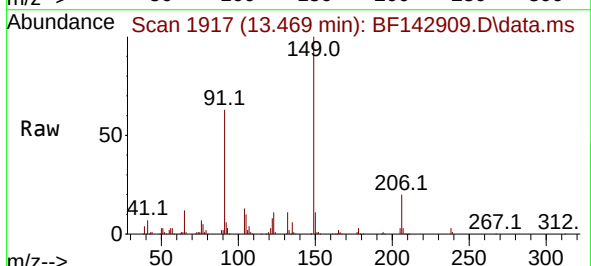
Tgt Ion:149 Resp: 196612

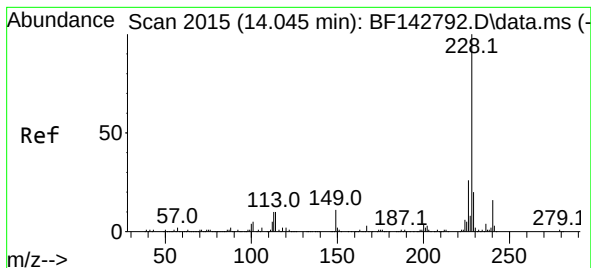
Ion Ratio Lower Upper

149 100

91 63.1 52.9 79.3

206 20.2 16.3 24.5





#81

Benzo(a)anthracene

Concen: 43.056 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168560BS

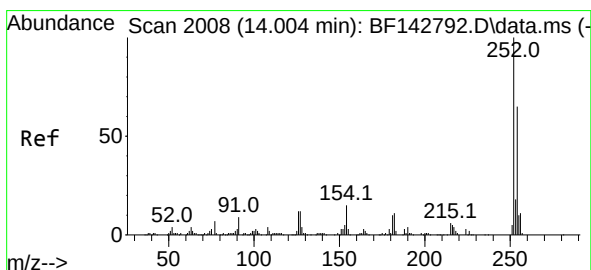
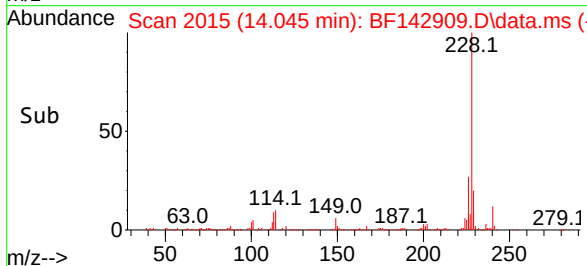
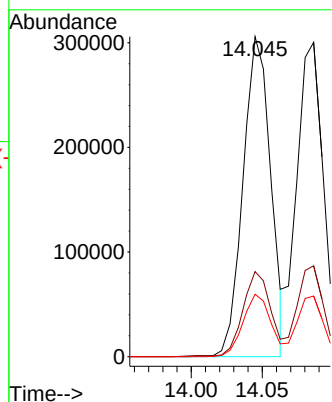
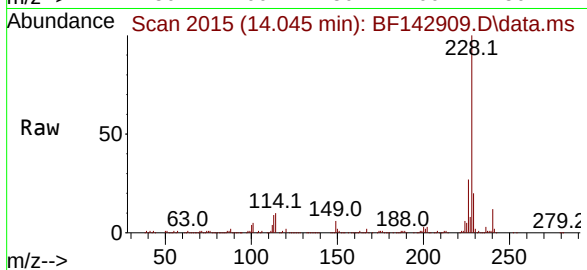
Tgt Ion:228 Resp: 412921

Ion Ratio Lower Upper

228 100

226 26.6 21.2 31.8

229 19.5 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 24.356 ng

RT: 14.004 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

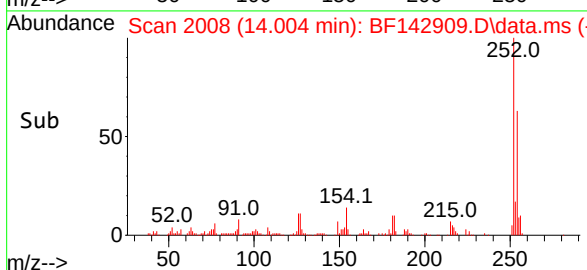
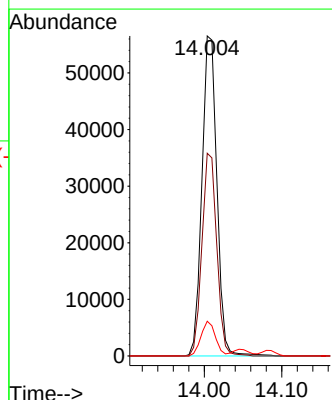
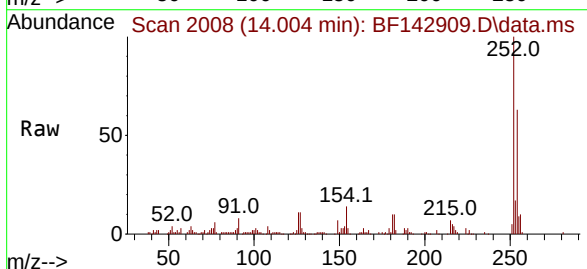
Tgt Ion:252 Resp: 75762

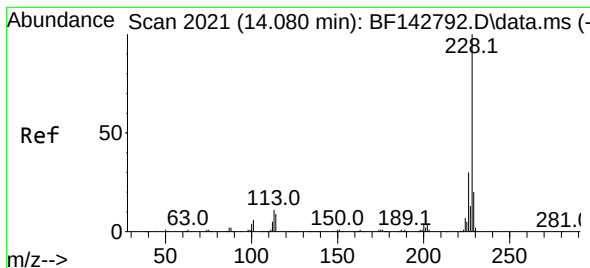
Ion Ratio Lower Upper

252 100

254 63.3 51.7 77.5

126 10.8 9.4 14.2





#83

Chrysene

Concen: 45.490 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168560BS

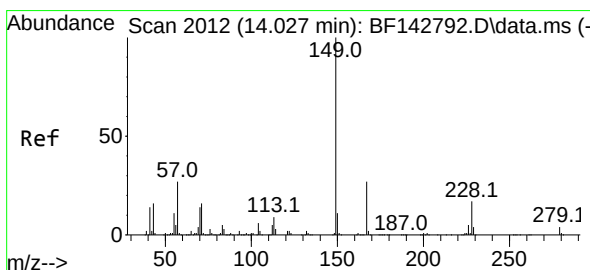
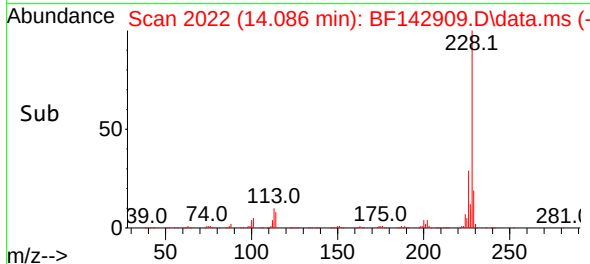
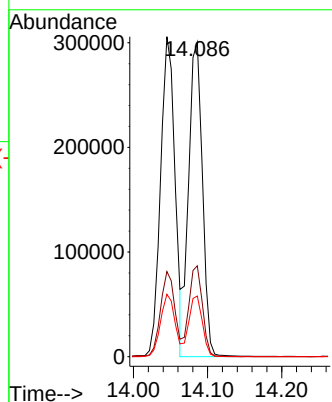
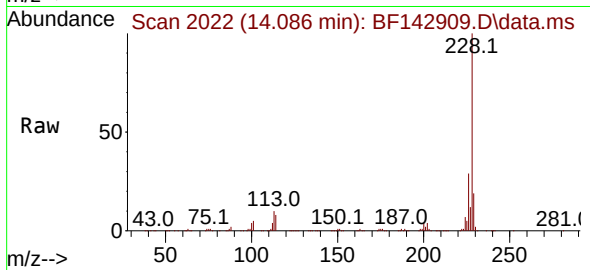
Tgt Ion:228 Resp: 389285

Ion Ratio Lower Upper

228 100

226 28.9 23.7 35.5

229 19.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.991 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

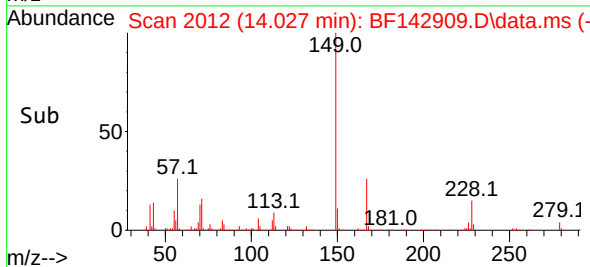
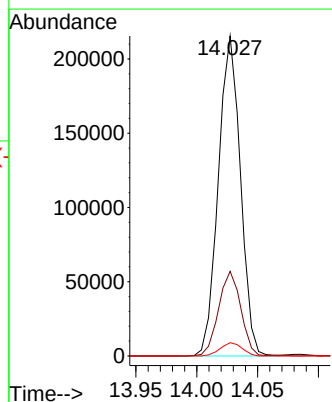
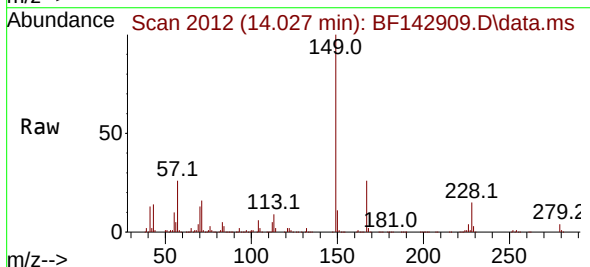
Tgt Ion:149 Resp: 272454

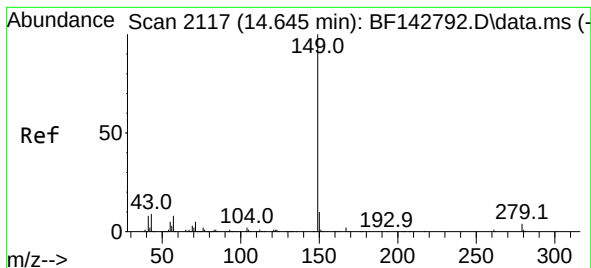
Ion Ratio Lower Upper

149 100

167 26.5 21.4 32.0

279 4.1 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 46.319 ng

RT: 14.645 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168560BS

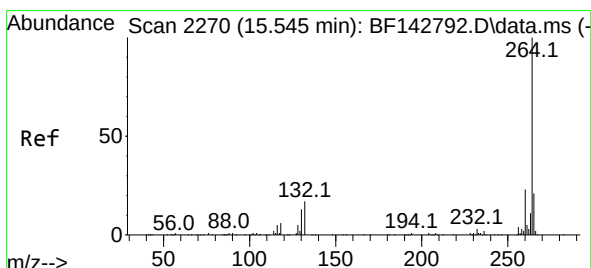
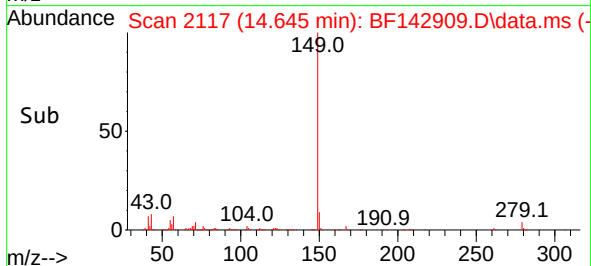
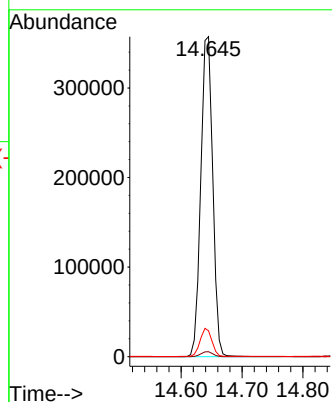
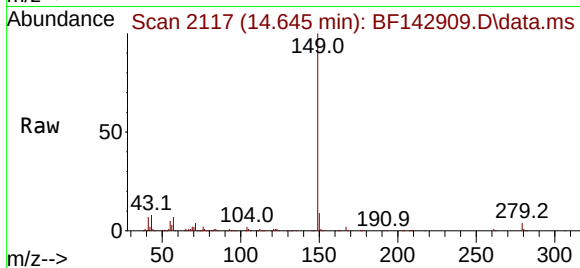
Tgt Ion:149 Resp: 485726

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.6 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

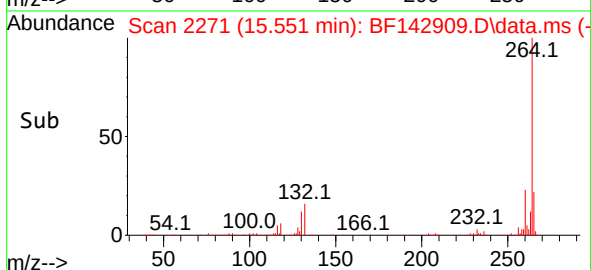
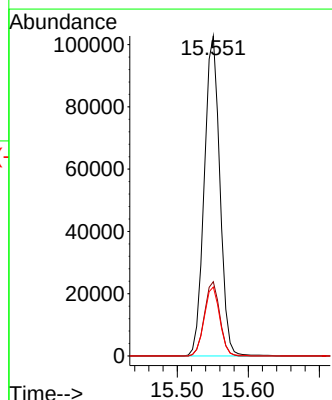
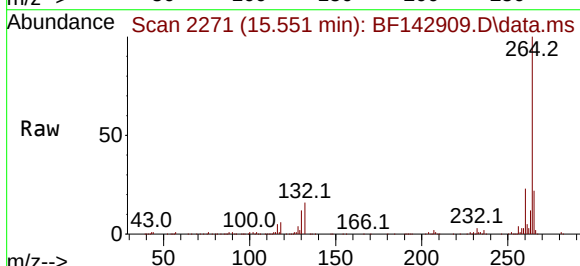
Tgt Ion:264 Resp: 156905

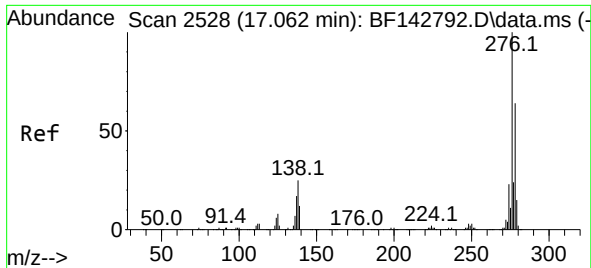
Ion Ratio Lower Upper

264 100

260 23.2 18.1 27.1

265 21.6 16.6 25.0

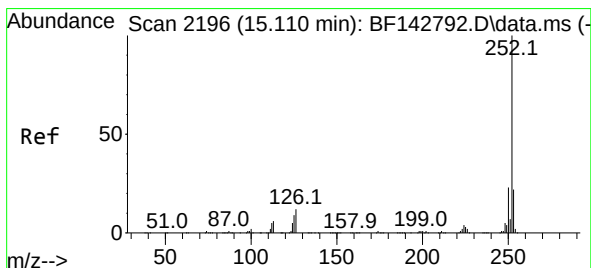
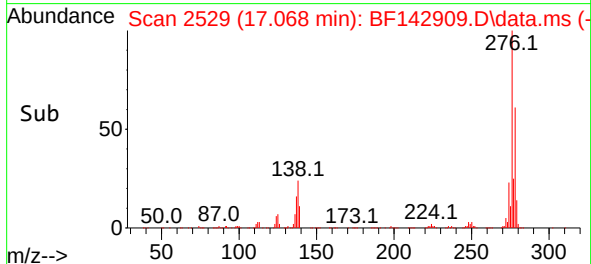
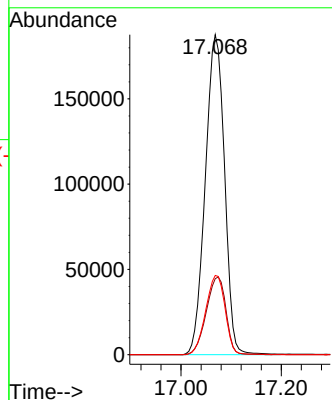
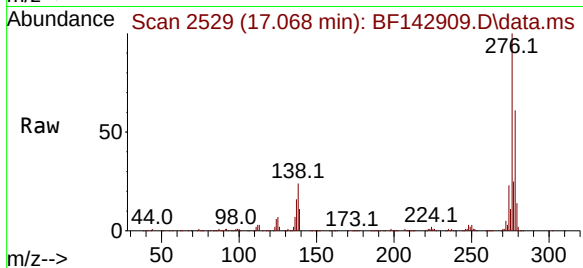




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.811 ng
 RT: 17.068 min Scan# 2196
 Delta R.T. 0.006 min
 Lab File: BF142909.D
 Acq: 30 Jun 2025 10:43

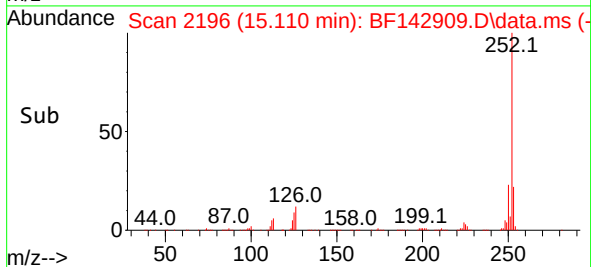
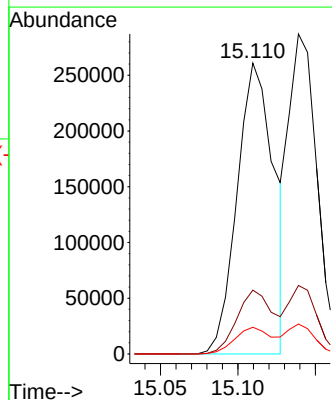
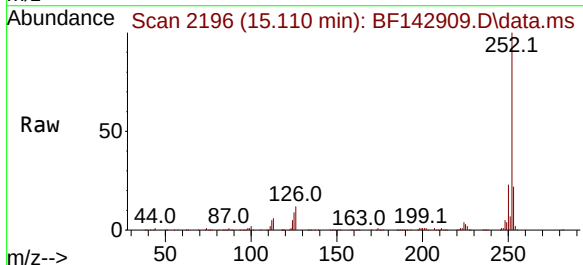
Instrument :
 BNA_F
 ClientSampleId :
 PB168560BS

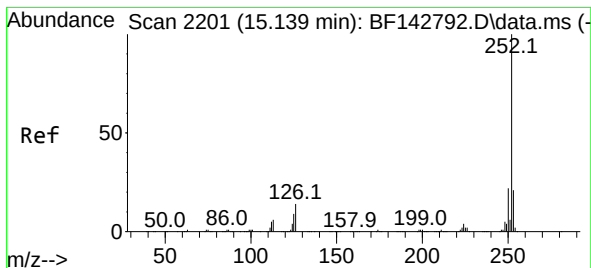
Tgt Ion:276 Resp: 499695
 Ion Ratio Lower Upper
 276 100
 138 24.8 20.2 30.4
 277 25.0 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 47.548 ng
 RT: 15.110 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: BF142909.D
 Acq: 30 Jun 2025 10:43

Tgt Ion:252 Resp: 431701
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.5 26.3
 125 9.2 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 43.161 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168560BS

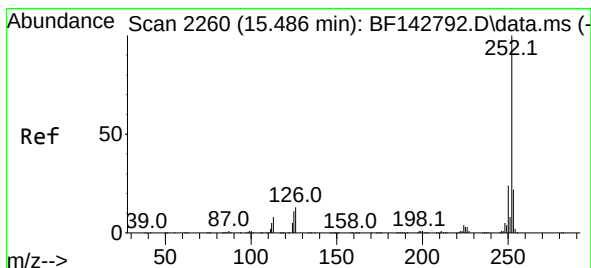
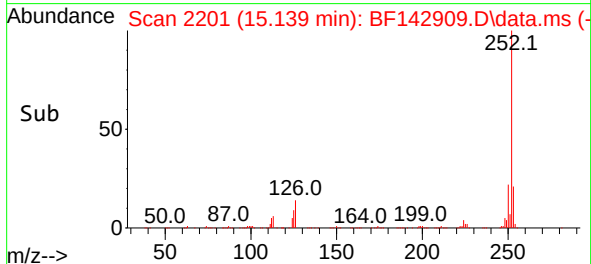
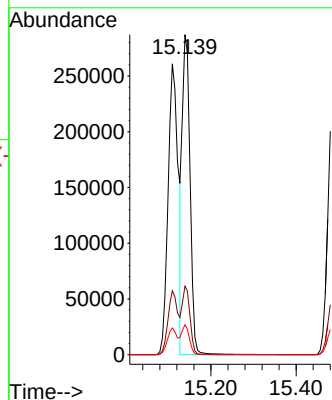
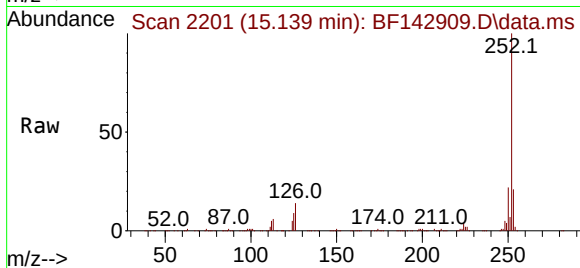
Tgt Ion:252 Resp: 366622

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 9.4 7.4 11.2



#90

Benzo(a)pyrene

Concen: 44.281 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142909.D

Acq: 30 Jun 2025 10:43

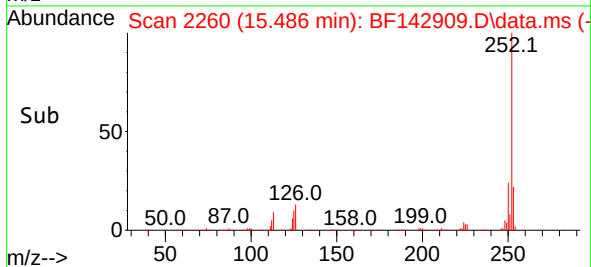
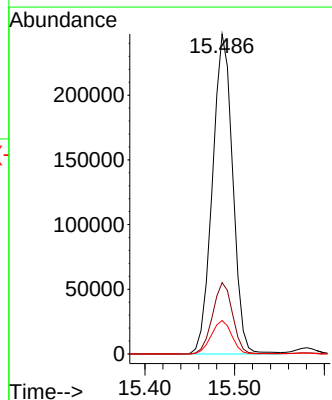
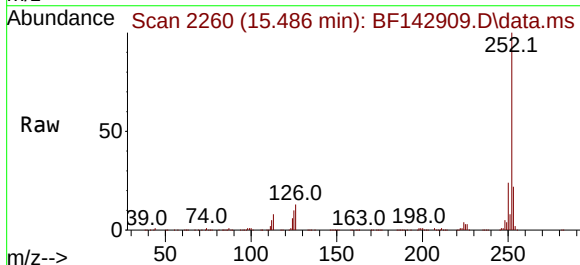
Tgt Ion:252 Resp: 388392

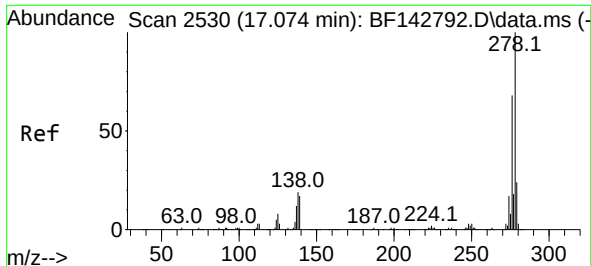
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 10.5 8.6 12.8

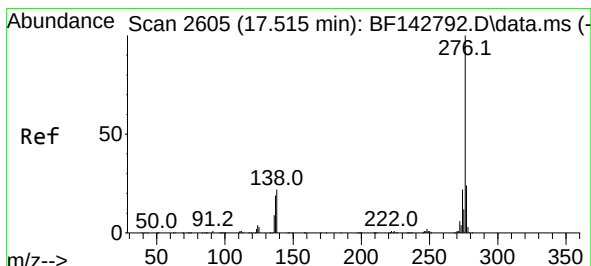
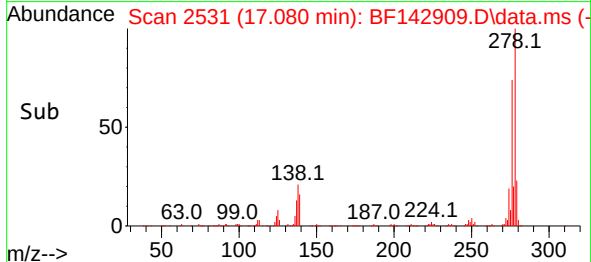
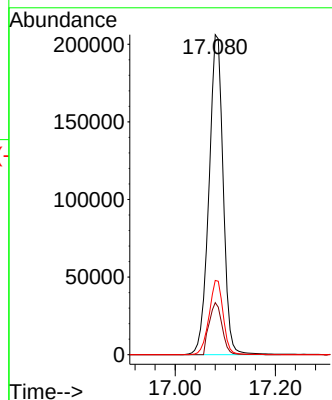
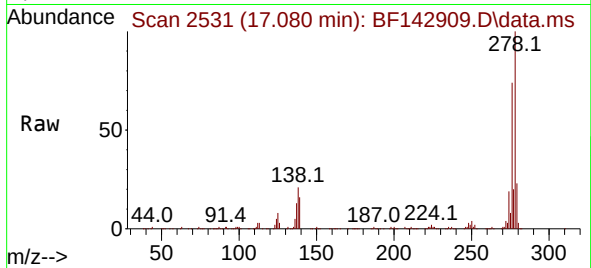




#91
Dibenzo(a,h)anthracene
Concen: 41.806 ng
RT: 17.080 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Instrument :
BNA_F
ClientSampleId :
PB168560BS

Tgt Ion:278 Resp: 405967
Ion Ratio Lower Upper
278 100
139 16.2 13.5 20.3
279 23.2 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 41.671 ng
RT: 17.527 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF142909.D
Acq: 30 Jun 2025 10:43

Tgt Ion:276 Resp: 403509
Ion Ratio Lower Upper
276 100
277 23.0 18.8 28.2
138 21.1 17.6 26.4

