

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142720.D
 Acq On : 10 Jun 2025 20:49
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061125

Quant Time: Jun 11 05:58:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	75213	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	288852	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	158667	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	249548	20.000	ng	0.00
76) Chrysene-d12	14.068	240	129150	20.000	ng	0.00
86) Perylene-d12	15.562	264	147247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	371136	84.041	ng	0.00
7) Phenol-d6	6.522	99	435266	83.751	ng	0.00
23) Nitrobenzene-d5	7.457	82	405391	76.808	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	142060	81.692	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	896222	75.043	ng	0.00
79) Terphenyl-d14	13.010	244	690646	73.446	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	71141	40.706	ng	100
3) Pyridine	3.440	79	192629	43.958	ng	99
4) n-Nitrosodimethylamine	3.393	42	99555	44.403	ng	99
6) Aniline	6.557	93	310539	44.644	ng	99
8) 2-Chlorophenol	6.675	128	215825	44.721	ng	99
9) Benzaldehyde	6.445	77	157818	49.036	ng	99
10) Phenol	6.540	94	255700	44.263	ng	94
11) bis(2-Chloroethyl)ether	6.628	93	188668	43.725	ng	99
12) 1,3-Dichlorobenzene	6.834	146	240990	43.756	ng	99
13) 1,4-Dichlorobenzene	6.910	146	244533	43.933	ng	100
14) 1,2-Dichlorobenzene	7.063	146	233860	43.831	ng	100
15) Benzyl Alcohol	7.034	79	174988	44.548	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	296349	43.622	ng	99
17) 2-Methylphenol	7.145	107	165998	44.868	ng	99
18) Hexachloroethane	7.404	117	86610	43.420	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	145187	43.882	ng	100
20) 3+4-Methylphenols	7.298	107	208250	44.648	ng	96
22) Acetophenone	7.304	105	285370	44.413	ng	98
24) Nitrobenzene	7.481	77	206076	43.992	ng	99
25) Isophorone	7.716	82	390476	43.695	ng	99
26) 2-Nitrophenol	7.792	139	119541	45.726	ng	100
27) 2,4-Dimethylphenol	7.828	122	203996	45.831	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	244684	44.101	ng	99
29) 2,4-Dichlorophenol	8.034	162	186060	45.296	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	201833	44.466	ng	100
31) Naphthalene	8.204	128	630716	44.151	ng	99
32) Benzoic acid	7.951	122	120199	47.951	ng	99
33) 4-Chloroaniline	8.251	127	255412	44.530	ng	98
34) Hexachlorobutadiene	8.316	225	128362	44.378	ng	98
35) Caprolactam	8.622	113	48061	43.345	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	187896	43.991	ng	98
37) 2-Methylnaphthalene	8.892	142	393355	43.503	ng	98
38) 1-Methylnaphthalene	8.992	142	407036	43.455	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	205039	44.649	ng	99
41) Hexachlorocyclopentadiene	9.045	237	137738	46.731	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	132920	44.714	ng	99

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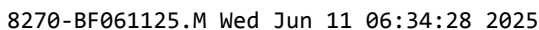
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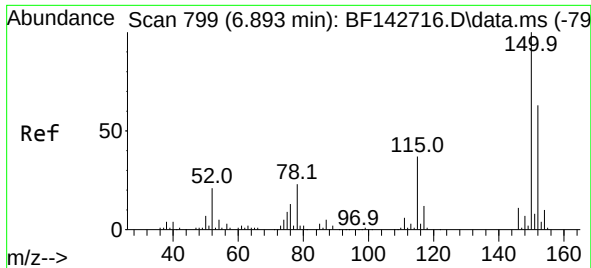
Quant Time: Jun 11 05:58:28 2025
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	145700	45.379	ng	98
46) 1,1'-Biphenyl	9.357	154	550079	44.647	ng	99
47) 2-Chloronaphthalene	9.381	162	399752	44.040	ng	100
48) 2-Nitroaniline	9.475	65	113944	44.136	ng	99
49) Acenaphthylene	9.798	152	666129	43.524	ng	99
50) Dimethylphthalate	9.657	163	453202	42.773	ng	99
51) 2,6-Dinitrotoluene	9.722	165	99403	43.408	ng	96
52) Acenaphthene	9.975	154	416746	43.917	ng	99
53) 3-Nitroaniline	9.892	138	107590	43.317	ng	98
54) 2,4-Dinitrophenol	9.998	184	57103	45.522	ng	89
55) Dibenzofuran	10.145	168	582555	43.111	ng	99
56) 4-Nitrophenol	10.045	139	72282	42.908	ng	98
57) 2,4-Dinitrotoluene	10.122	165	131755	43.516	ng	98
58) Fluorene	10.486	166	449369	42.112	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	115464	42.746	ng	99
60) Diethylphthalate	10.357	149	439146	41.798	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	223388	42.866	ng	99
62) 4-Nitroaniline	10.504	138	92675	41.707	ng	99
63) Azobenzene	10.639	77	396638	43.227	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	70617	45.188	ng	99
66) n-Nitrosodiphenylamine	10.598	169	386201	45.023	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	135771	46.092	ng	98
68) Hexachlorobenzene	11.033	284	146469	44.795	ng	100
69) Atrazine	11.122	200	99271	43.408	ng	99
70) Pentachlorophenol	11.227	266	76507	44.637	ng	99
71) Phenanthrene	11.451	178	586368	43.859	ng	100
72) Anthracene	11.504	178	611481	44.214	ng	99
73) Carbazole	11.657	167	497969	43.010	ng	99
74) Di-n-butylphthalate	11.980	149	547884	42.379	ng	100
75) Fluoranthene	12.639	202	517997	40.746	ng	100
77) Benzidine	12.757	184	223533	48.599	ng	100
78) Pyrene	12.869	202	515693	42.968	ng	100
80) Butylbenzylphthalate	13.486	149	172349	48.561	ng	96
81) Benzo(a)anthracene	14.057	228	390623	45.643	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	128006	46.382	ng	99
83) Chrysene	14.098	228	343895	43.522	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	270293	50.747	ng	99
85) Di-n-octyl phthalate	14.657	149	500941	49.022	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	496299	45.483	ng	100
88) Benzo(b)fluoranthene	15.121	252	390203	45.005	ng	100
89) Benzo(k)fluoranthene	15.157	252	362789	43.126	ng	100
90) Benzo(a)pyrene	15.504	252	375192	45.514	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	407127	45.694	ng	99
92) Benzo(g,h,i)perylene	17.545	276	399606	45.103	ng	100

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

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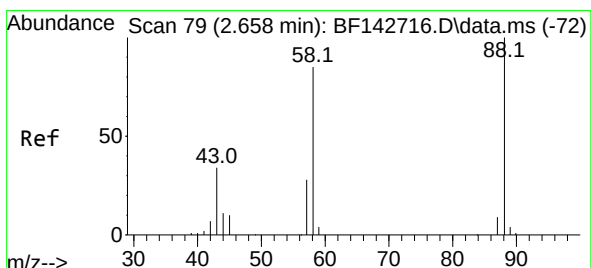
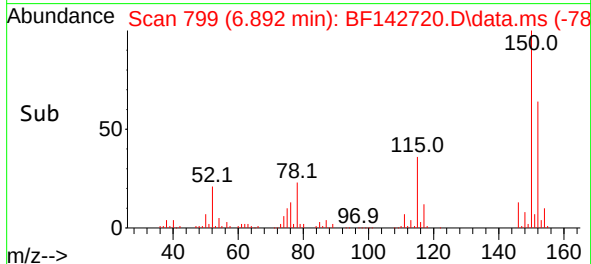
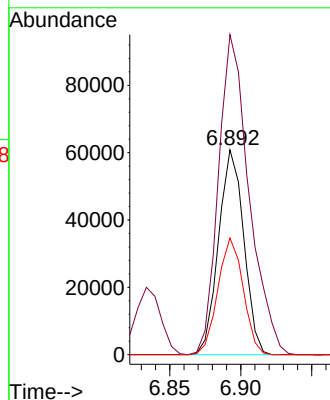
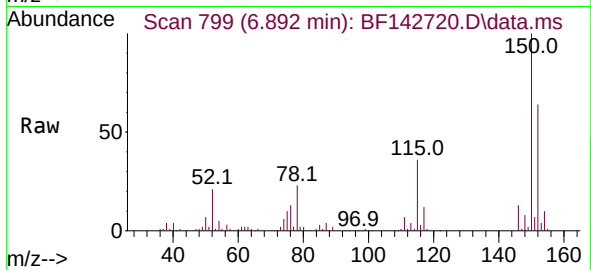




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 79
 Delta R.T. -0.001 min
 Lab File: BF142720.D
 Acq: 10 Jun 2025 20:49

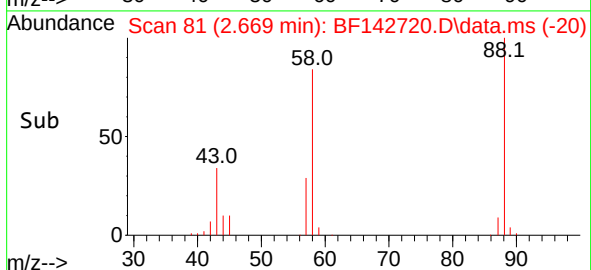
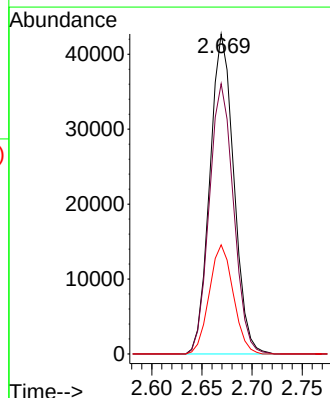
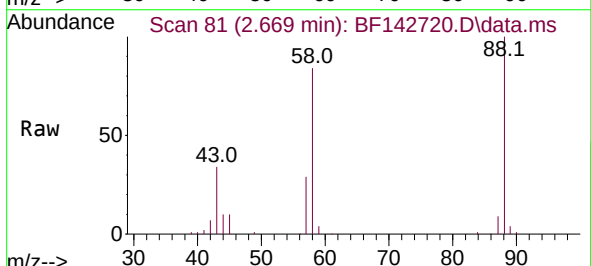
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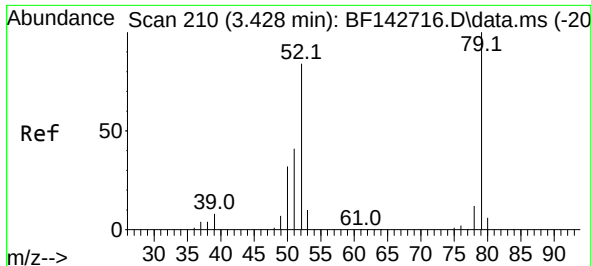
Tgt Ion:152 Resp: 75213
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.9 190.3
 115 57.0 47.0 70.6



#2
 1,4-Dioxane
 Concen: 40.706 ng
 RT: 2.669 min Scan# 81
 Delta R.T. 0.012 min
 Lab File: BF142720.D
 Acq: 10 Jun 2025 20:49

Tgt Ion: 88 Resp: 71141
 Ion Ratio Lower Upper
 88 100
 58 85.3 68.4 102.6
 43 34.1 27.0 40.6

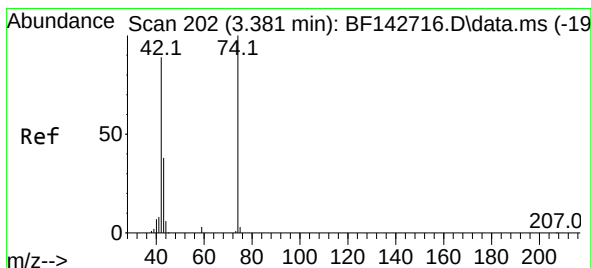
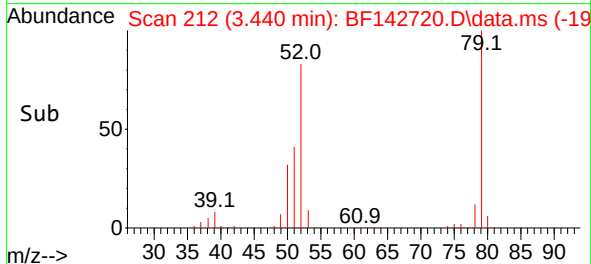
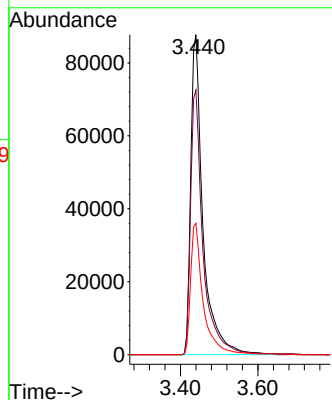
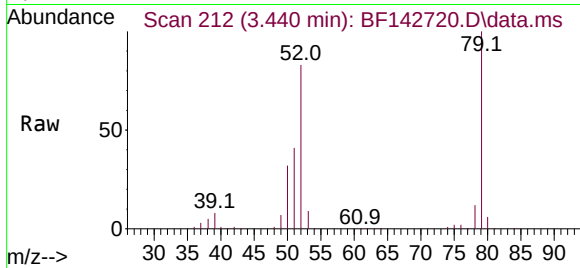




#3
Pyridine
Concen: 43.958 ng
RT: 3.440 min Scan# 210
Delta R.T. 0.012 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

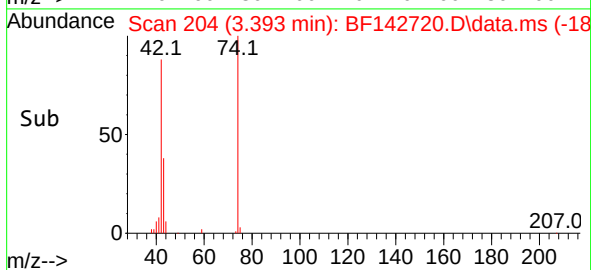
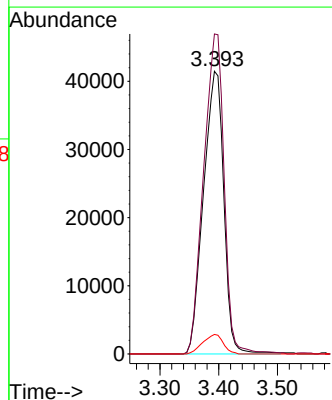
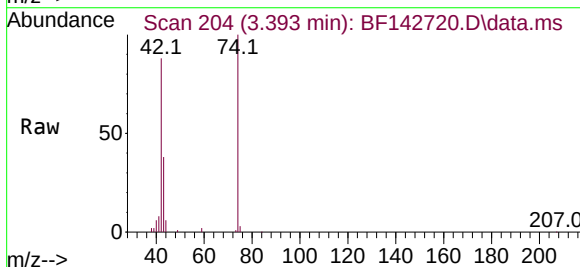
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ClientSampleId :
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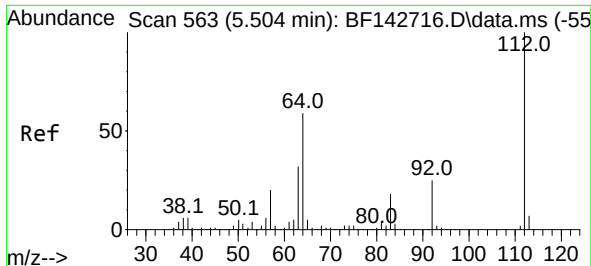
Tgt Ion: 79 Resp: 192629
Ion Ratio Lower Upper
79 100
52 82.7 67.1 100.7
51 41.1 32.6 48.8



#4
n-Nitrosodimethylamine
Concen: 44.403 ng
RT: 3.393 min Scan# 204
Delta R.T. 0.012 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion: 42 Resp: 99555
Ion Ratio Lower Upper
42 100
74 113.2 89.6 134.4
44 6.9 5.4 8.2

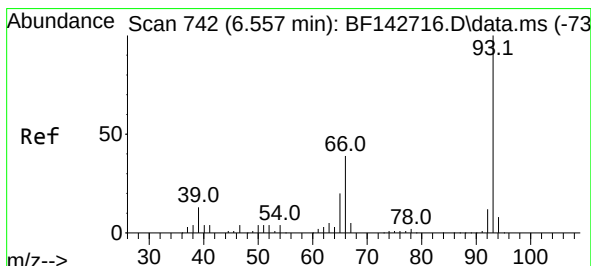
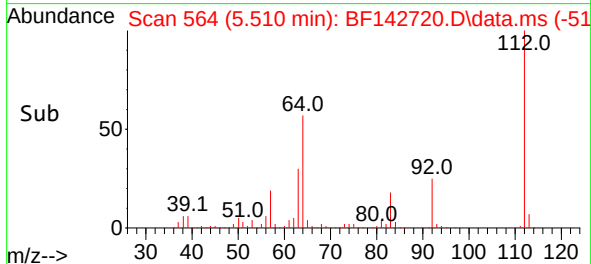
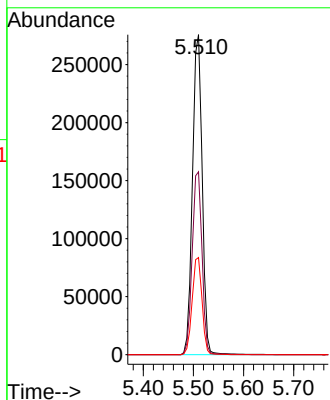
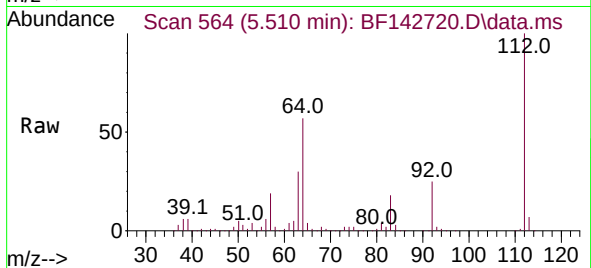




#5
2-Fluorophenol
Concen: 84.041 ng
RT: 5.510 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

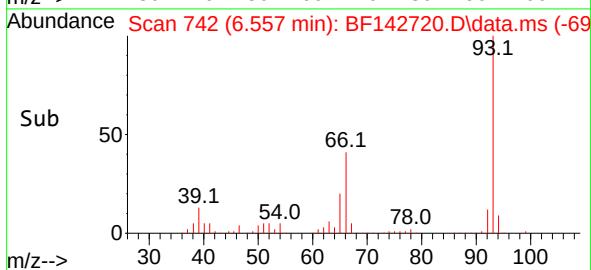
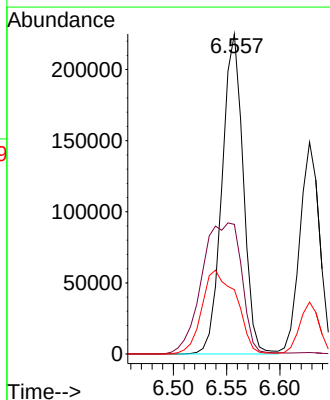
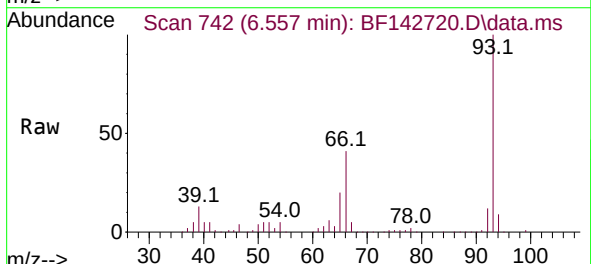
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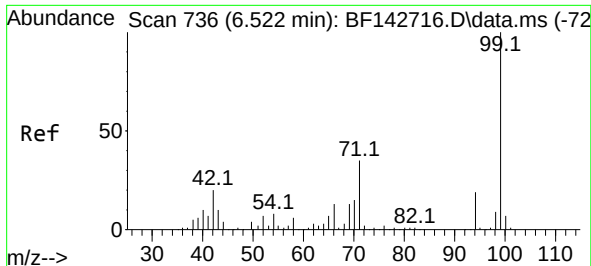
Tgt Ion:112 Resp: 371136
Ion Ratio Lower Upper
112 100
64 57.2 47.4 71.2
63 30.3 25.4 38.0



#6
Aniline
Concen: 44.644 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion: 93 Resp: 310539
Ion Ratio Lower Upper
93 100
66 40.5 32.0 48.0
65 20.1 16.1 24.1

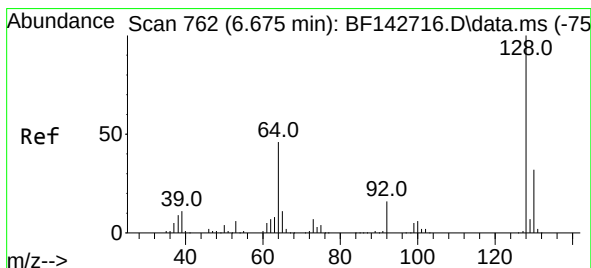
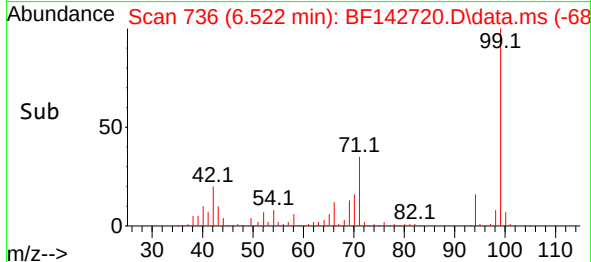
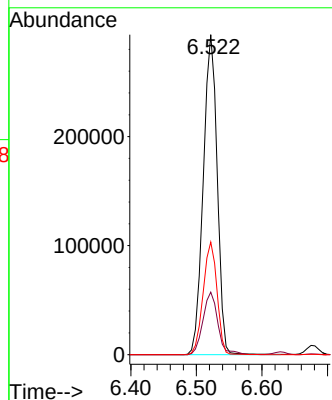
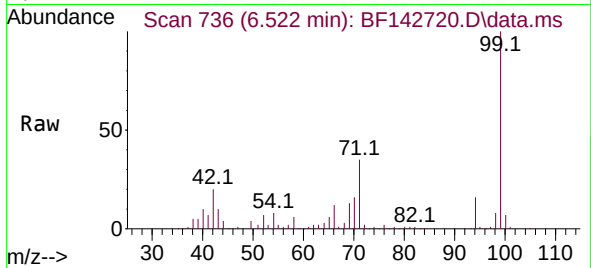




#7
Phenol-d6
Concen: 83.751 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

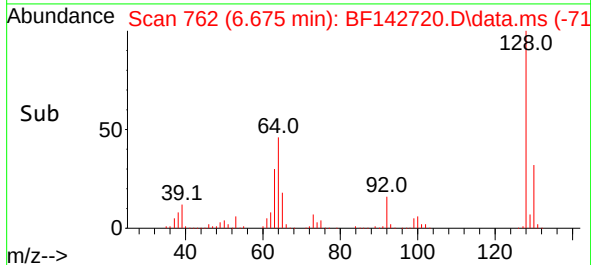
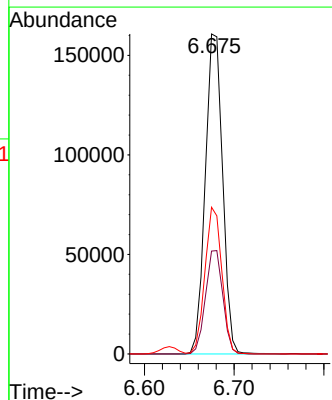
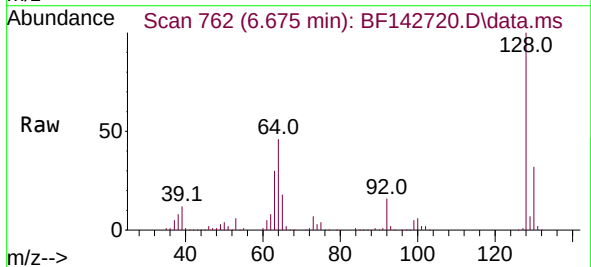
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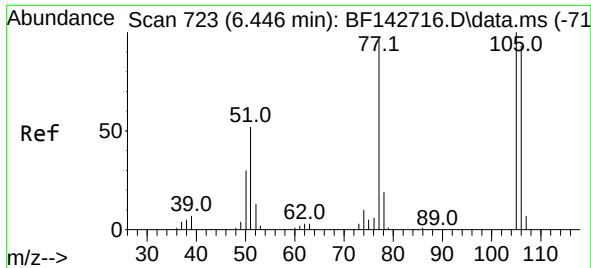
Tgt Ion: 99 Resp: 435266
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 35.2 28.0 42.0



#8
2-Chlorophenol
Concen: 44.721 ng
RT: 6.675 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion: 128 Resp: 215825
Ion Ratio Lower Upper
128 100
130 32.1 12.4 52.4
64 45.9 26.5 66.5

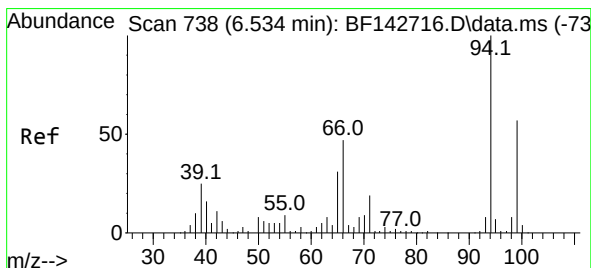
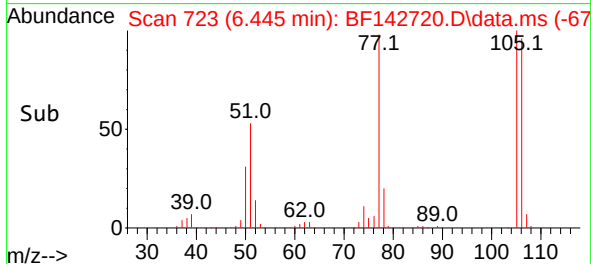
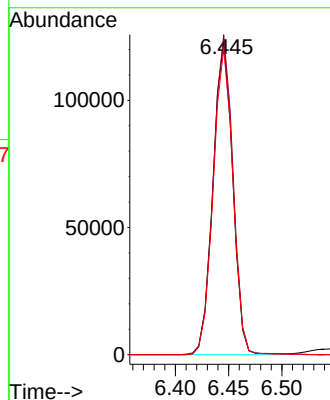
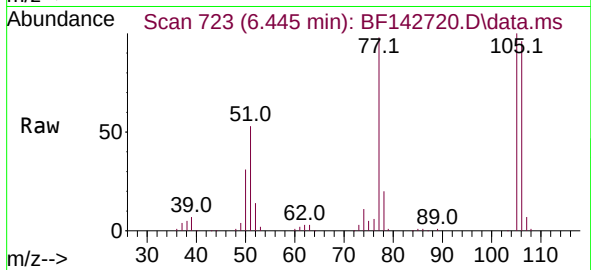




#9
Benzaldehyde
Concen: 49.036 ng
RT: 6.445 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

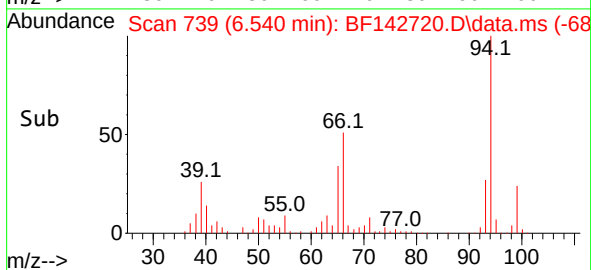
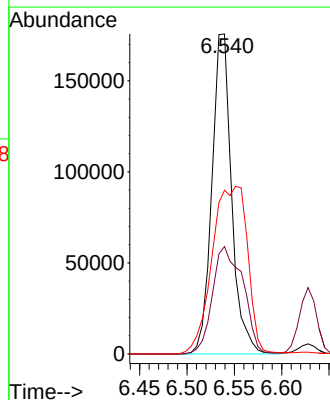
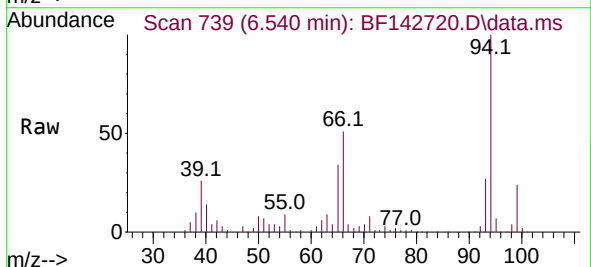
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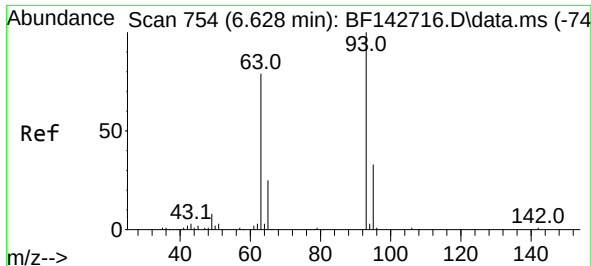
Tgt Ion: 77 Resp: 157818
Ion Ratio Lower Upper
77 100
105 102.3 84.1 124.1
106 97.8 77.2 117.2



#10
Phenol
Concen: 44.263 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF142720.D
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Tgt Ion: 94 Resp: 255700
Ion Ratio Lower Upper
94 100
65 33.6 11.4 51.4
66 51.2 26.7 66.7

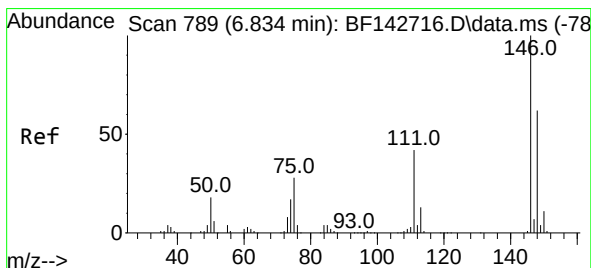
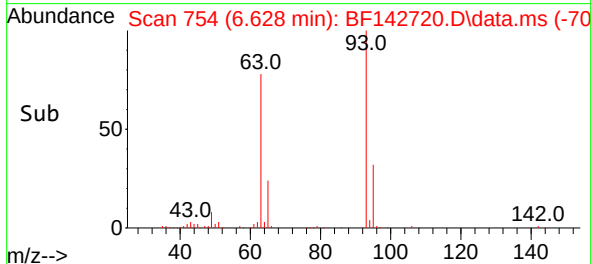
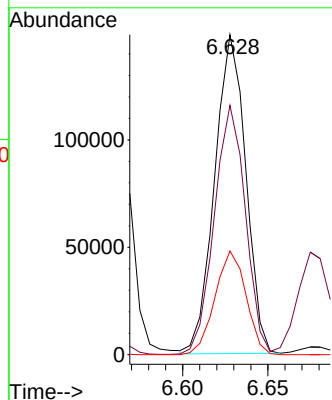
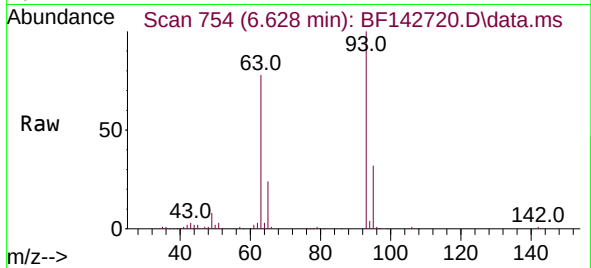




#11
bis(2-Chloroethyl)ether
Concen: 43.725 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

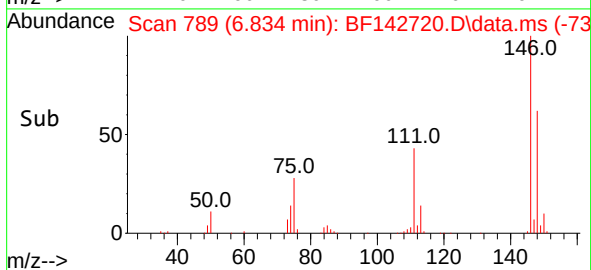
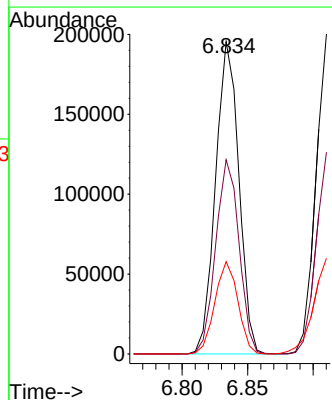
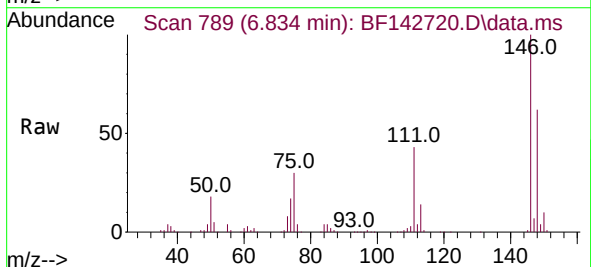
Instrument :
BNA_F
ClientSampleId :
ICVBF061125

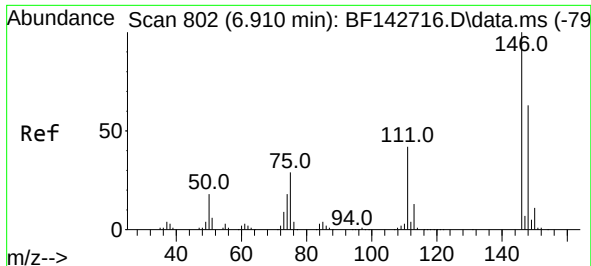
Tgt Ion: 93 Resp: 188668
Ion Ratio Lower Upper
93 100
63 77.9 58.3 98.3
95 32.4 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 43.756 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:146 Resp: 240990
Ion Ratio Lower Upper
146 100
148 62.2 49.9 74.9
75 29.5 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 43.933 ng

RT: 6.910 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

Instrument :

BNA_F

ClientSampleId :

ICVBF061125

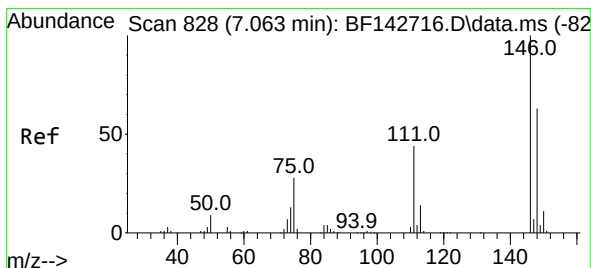
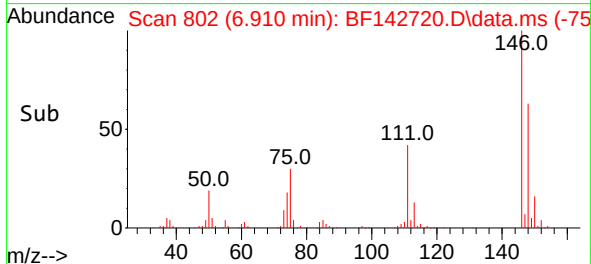
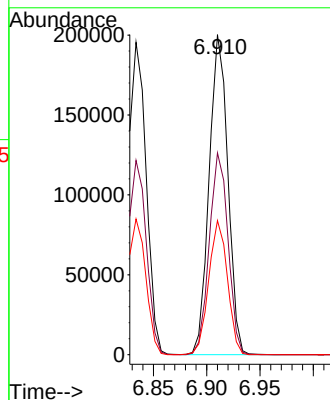
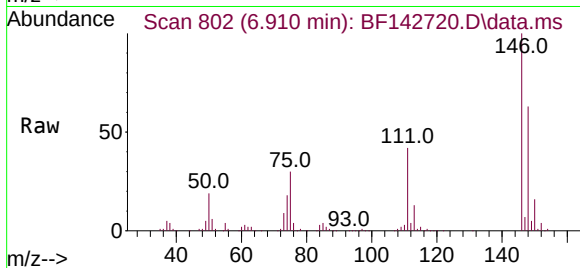
Tgt Ion:146 Resp: 244533

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

111 41.9 33.6 50.4



#14

1,2-Dichlorobenzene

Concen: 43.831 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

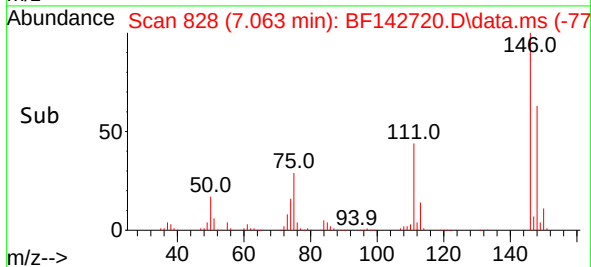
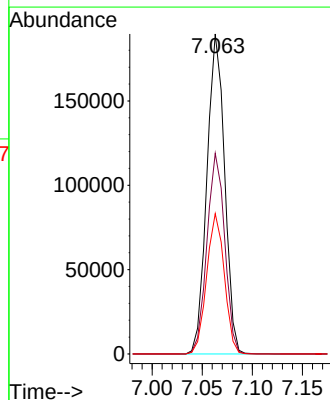
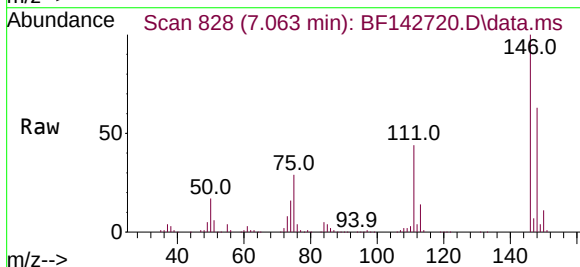
Tgt Ion:146 Resp: 233860

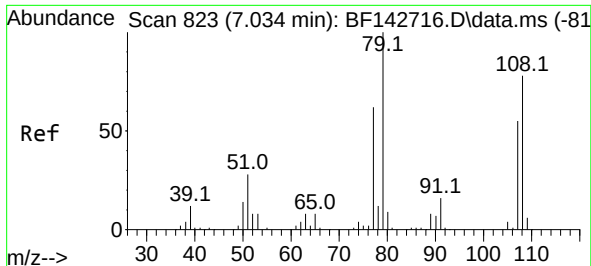
Ion Ratio Lower Upper

146 100

148 62.7 50.4 75.6

111 43.8 35.2 52.8



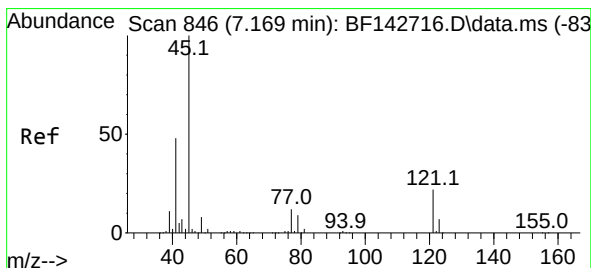
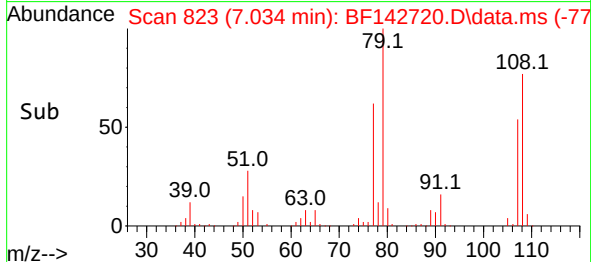
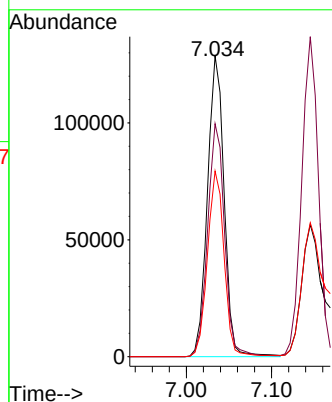
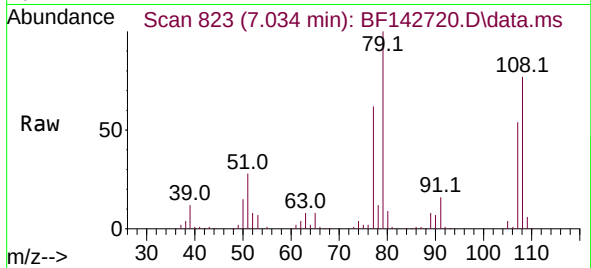


#15
Benzyl Alcohol
Concen: 44.548 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion: 79 Resp: 174988

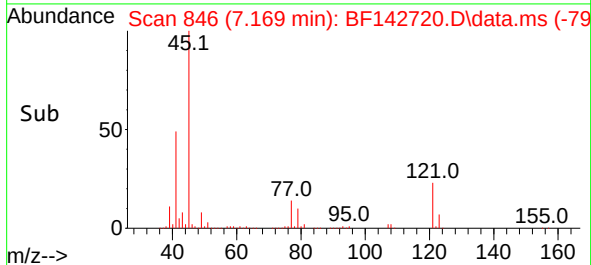
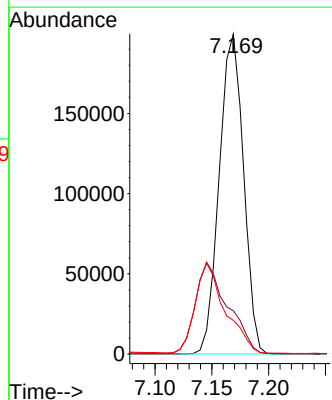
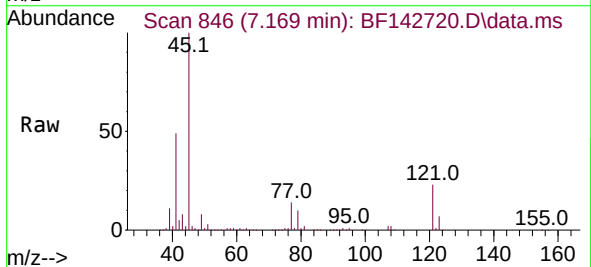
Ion	Ratio	Lower	Upper
79	100		
108	77.4	62.6	94.0
77	61.7	49.8	74.8

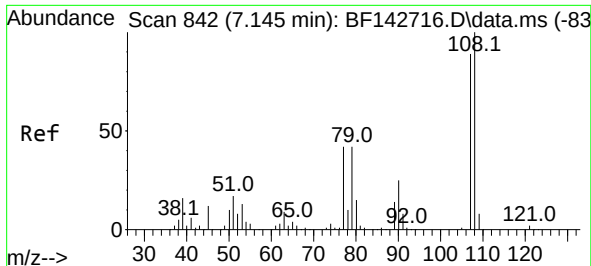


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.622 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion: 45 Resp: 296349

Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	33.1
79	10.5	0.0	30.5

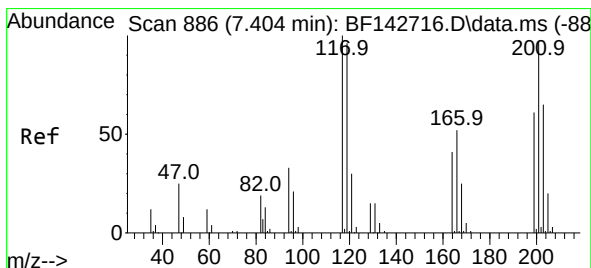
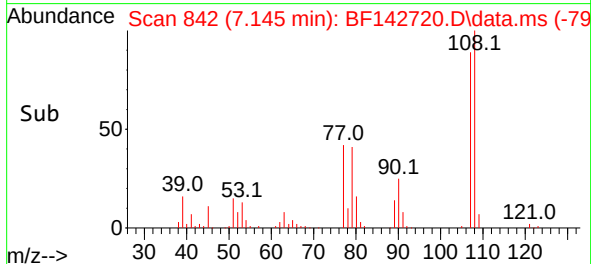
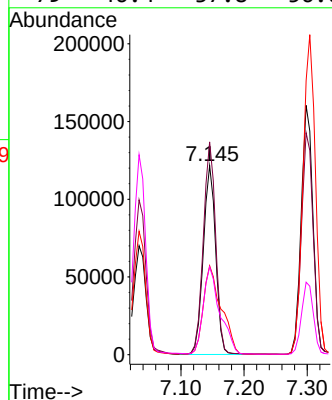
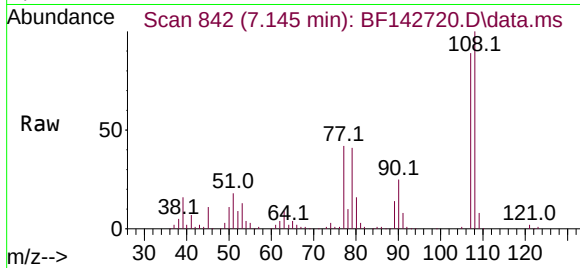




#17
2-Methylphenol
Concen: 44.868 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

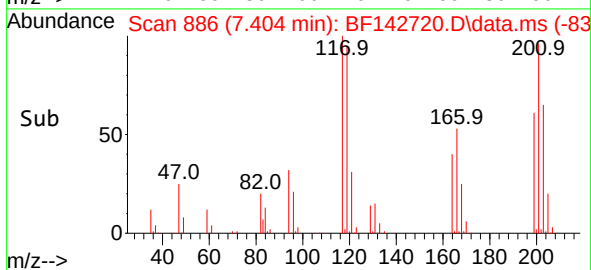
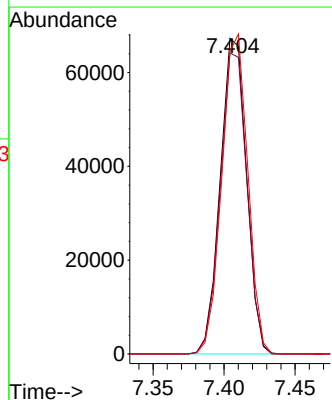
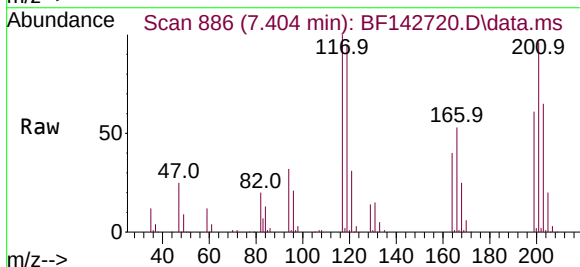
Instrument :
BNA_F
ClientSampleId :
ICVBF061125

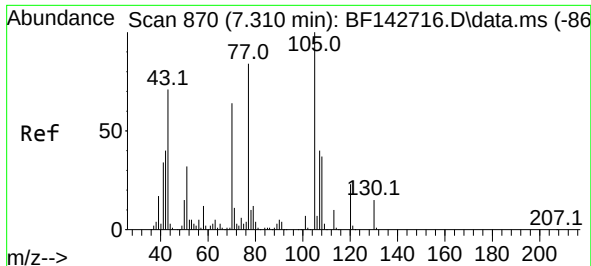
Tgt Ion:107 Resp: 165998
Ion Ratio Lower Upper
107 100
108 112.5 90.0 135.0
77 47.0 38.2 57.2
79 46.4 37.8 56.6



#18
Hexachloroethane
Concen: 43.420 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:117 Resp: 86610
Ion Ratio Lower Upper
117 100
119 95.4 76.4 114.6
201 95.9 77.8 116.6



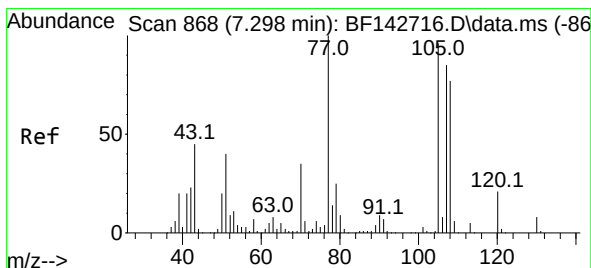
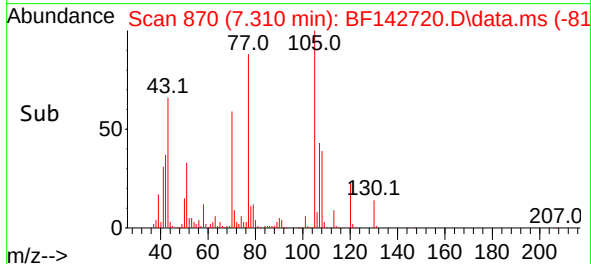
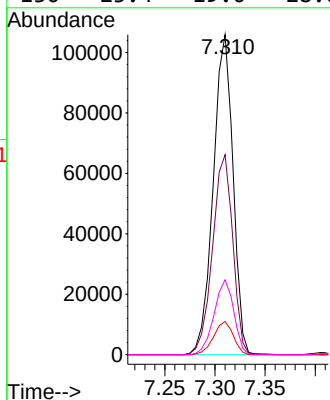
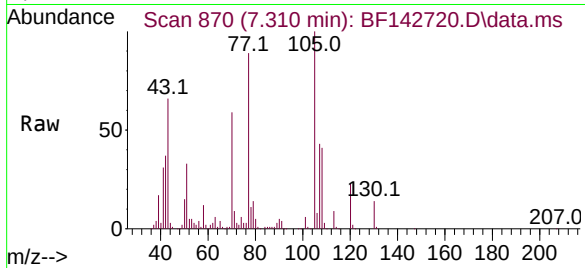


#19
n-Nitroso-di-n-propylamine
Concen: 43.882 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion: 70 Resp: 145187

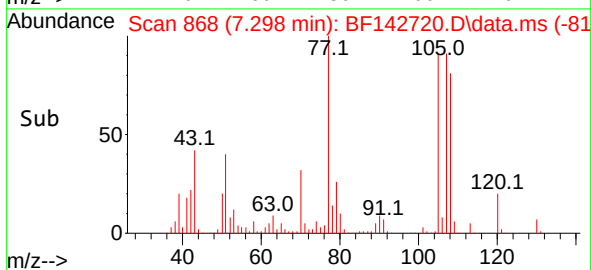
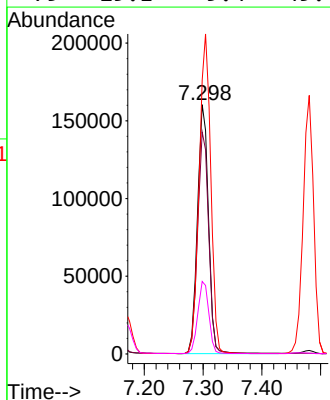
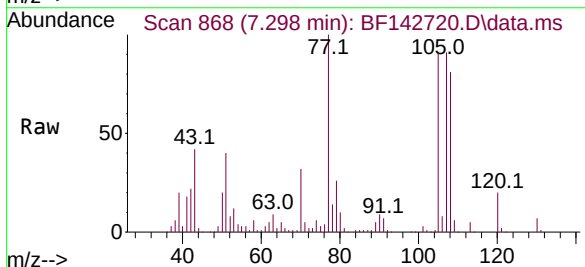
Ion	Ratio	Lower	Upper
70	100		
42	62.5	50.2	75.4
101	10.4	8.3	12.5
130	23.4	19.0	28.6

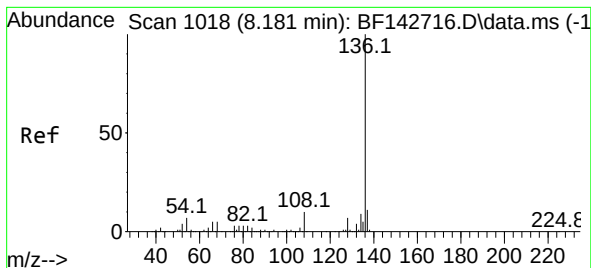


#20
3+4-Methylphenols
Concen: 44.648 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion: 107 Resp: 208250

Ion	Ratio	Lower	Upper
107	100		
108	89.0	69.9	109.9
77	109.9	97.4	137.4
79	29.1	9.4	49.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.000 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

Instrument :

BNA_F

ClientSampleId :

ICVBF061125

Tgt Ion:136 Resp: 288852

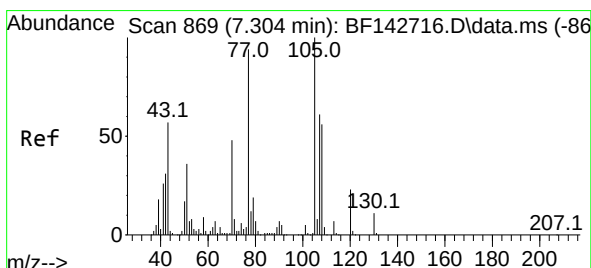
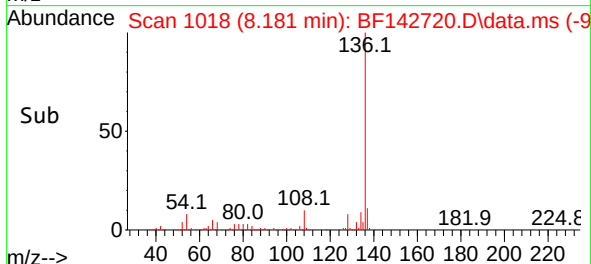
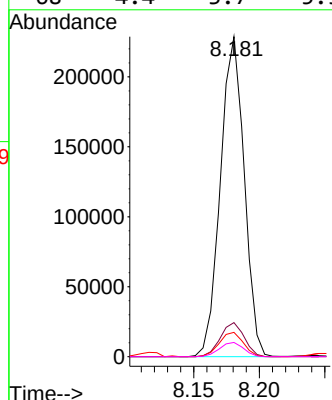
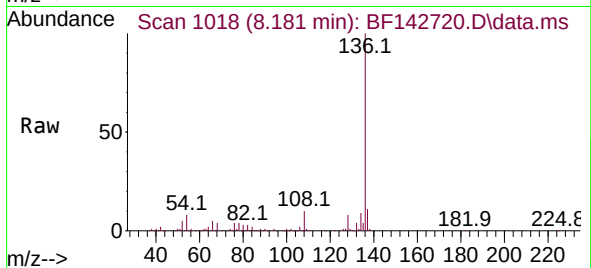
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 7.6 5.9 8.9

68 4.4 3.7 5.5



#22

Acetophenone

Concen: 44.413 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.000 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

Tgt Ion:105 Resp: 285370

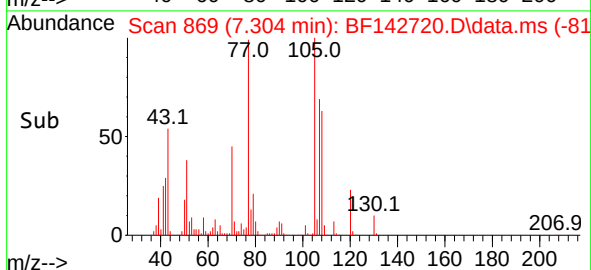
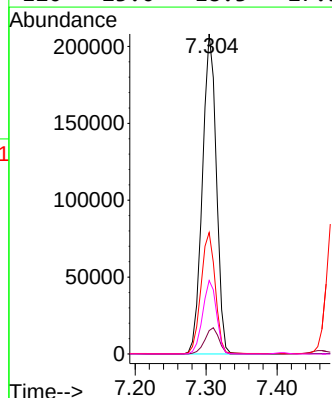
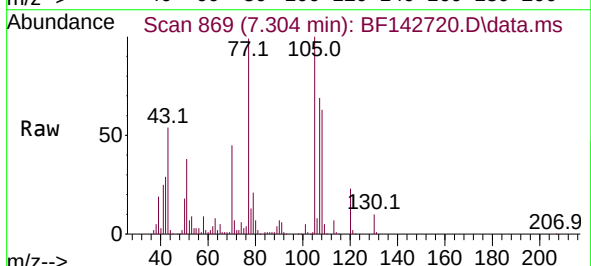
Ion Ratio Lower Upper

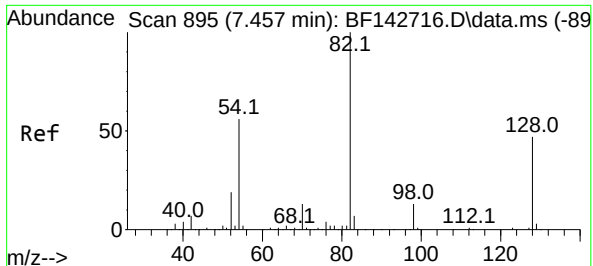
105 100

71 7.3 6.4 9.6

51 38.0 29.1 43.7

120 23.0 18.3 27.5

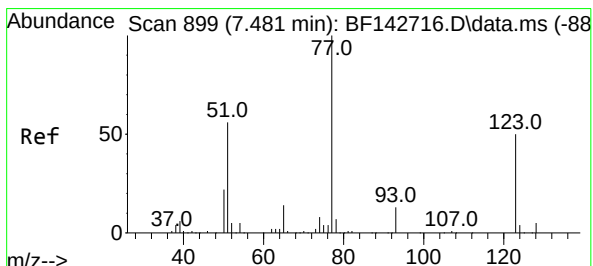
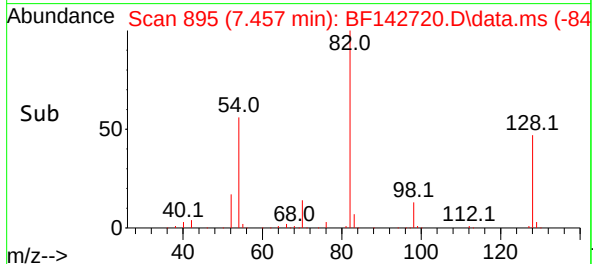
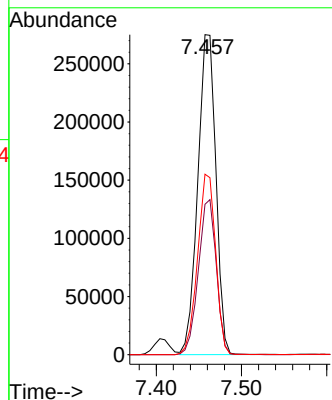
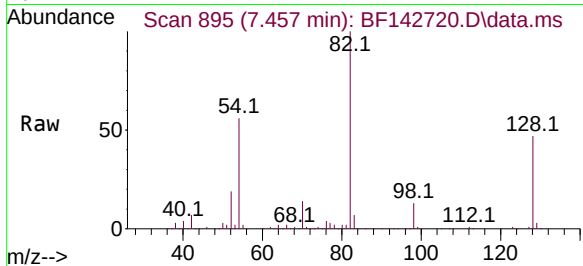




#23
 Nitrobenzene-d5
 Concen: 76.808 ng
 RT: 7.457 min Scan# 895
 Delta R.T. 0.000 min
 Lab File: BF142720.D
 Acq: 10 Jun 2025 20:49

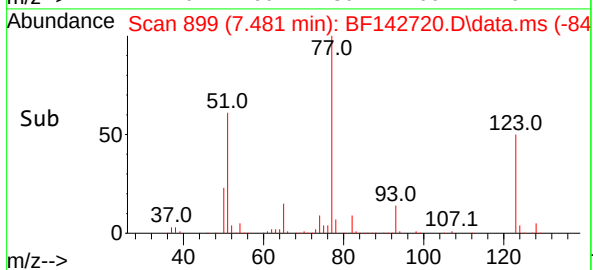
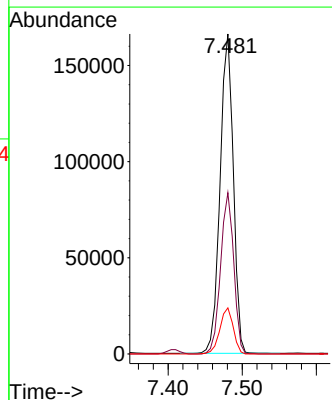
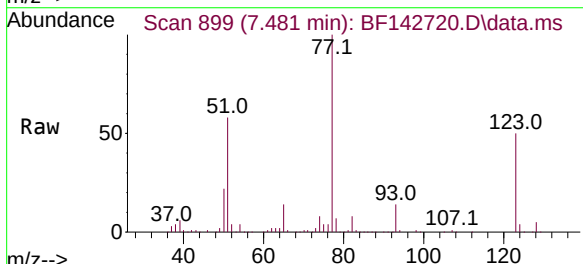
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061125

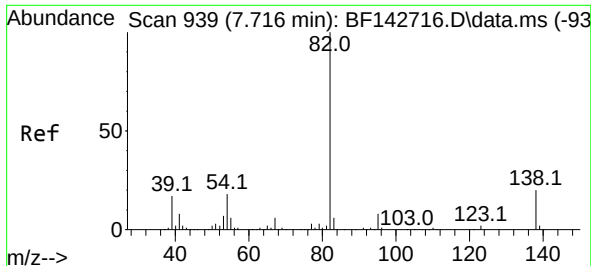
Tgt Ion: 82 Resp: 405391
 Ion Ratio Lower Upper
 82 100
 128 47.0 37.8 56.8
 54 56.4 44.9 67.3



#24
 Nitrobenzene
 Concen: 43.992 ng
 RT: 7.481 min Scan# 899
 Delta R.T. -0.000 min
 Lab File: BF142720.D
 Acq: 10 Jun 2025 20:49

Tgt Ion: 77 Resp: 206076
 Ion Ratio Lower Upper
 77 100
 123 50.4 40.8 61.2
 65 14.4 11.5 17.3

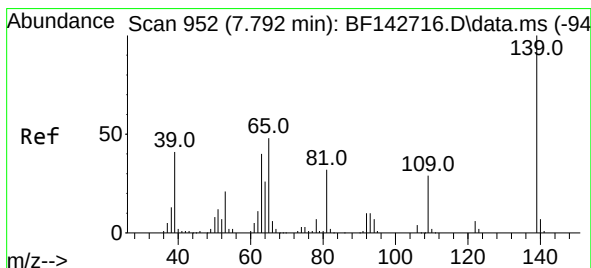
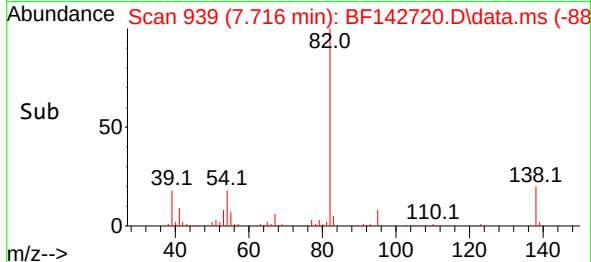
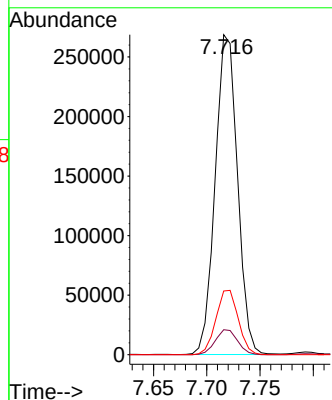
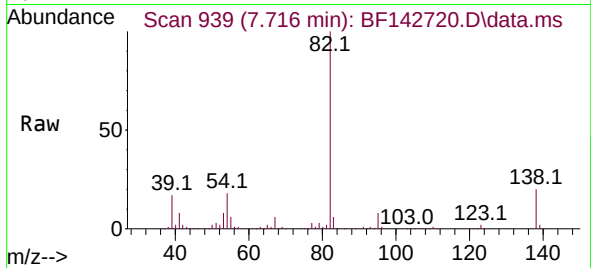




#25
Isophorone
Concen: 43.695 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

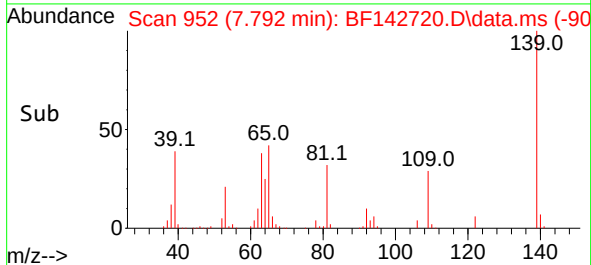
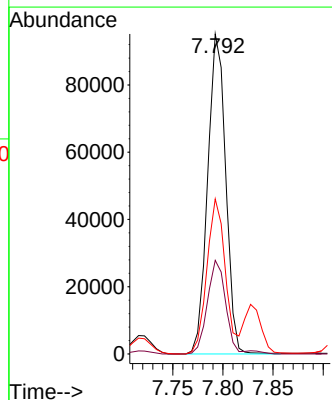
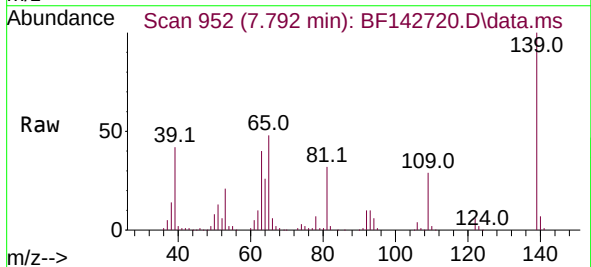
Instrument :
BNA_F
ClientSampleId :
ICVBF061125

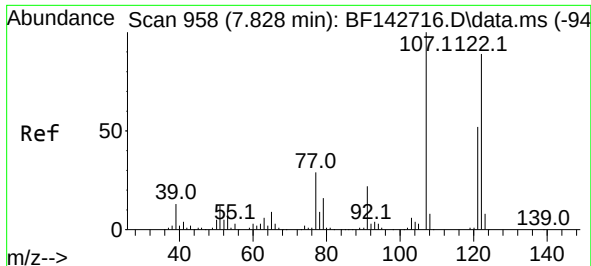
Tgt Ion: 82 Resp: 390476
Ion Ratio Lower Upper
82 100
95 7.8 6.0 9.0
138 19.9 15.8 23.6



#26
2-Nitrophenol
Concen: 45.726 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:139 Resp: 119541
Ion Ratio Lower Upper
139 100
109 29.3 23.4 35.2
65 48.5 38.7 58.1





#27

2,4-Dimethylphenol

Concen: 45.831 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

Instrument :

BNA_F

ClientSampleId :

ICVBF061125

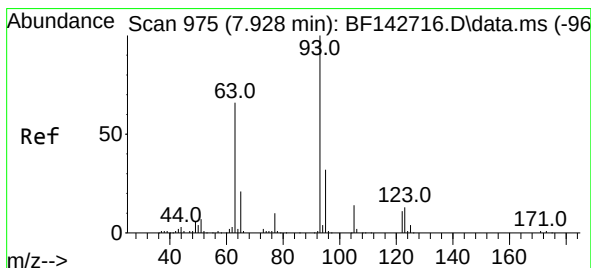
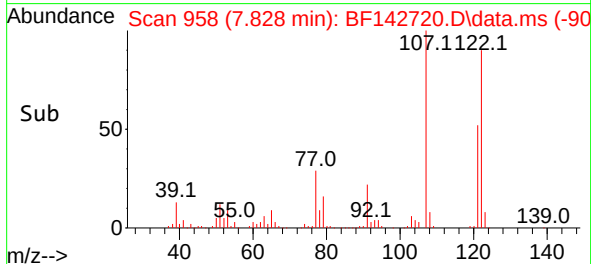
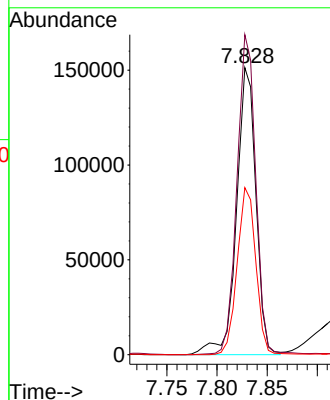
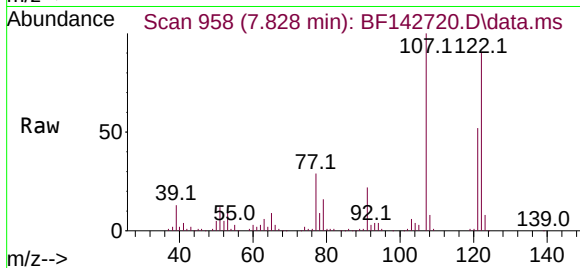
Tgt Ion:122 Resp: 203996

Ion Ratio Lower Upper

122 100

107 111.5 90.4 135.6

121 58.2 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 44.101 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.000 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

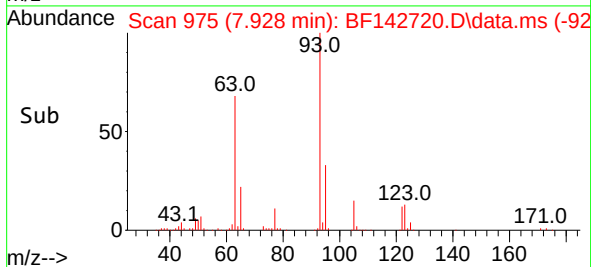
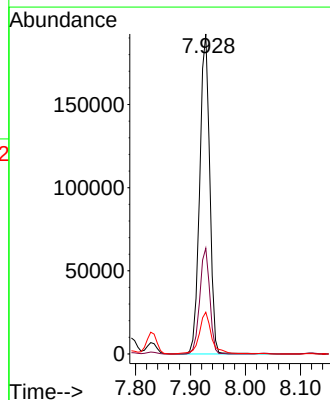
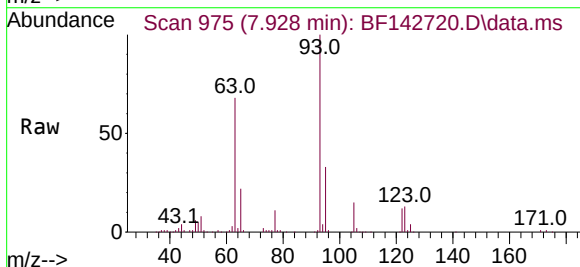
Tgt Ion: 93 Resp: 244684

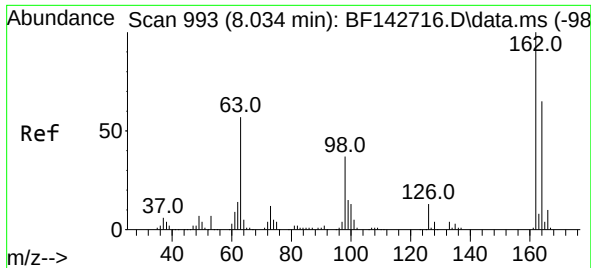
Ion Ratio Lower Upper

93 100

95 33.1 25.9 38.9

123 13.0 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 45.296 ng

RT: 8.034 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

Instrument :

BNA_F

ClientSampleId :

ICVBF061125

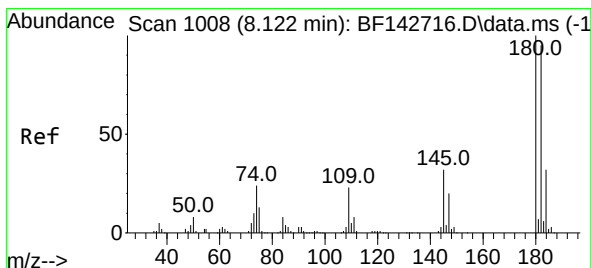
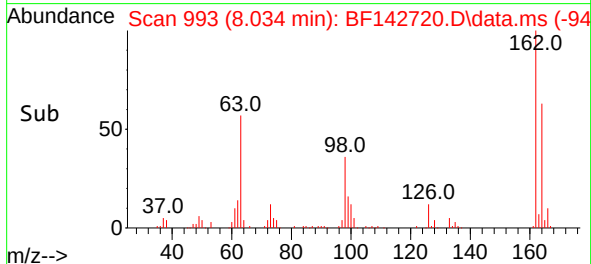
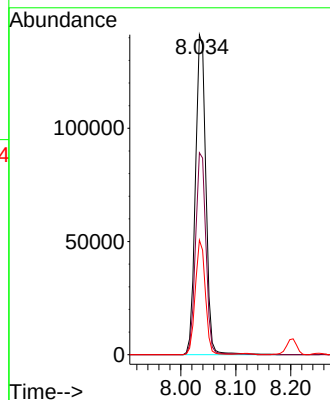
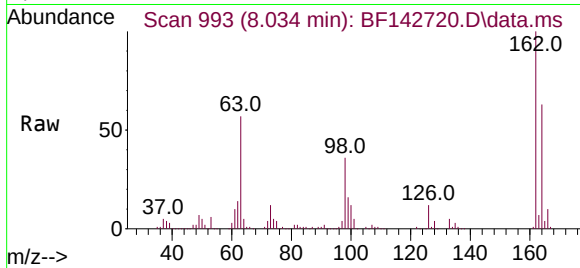
Tgt Ion:162 Resp: 186060

Ion Ratio Lower Upper

162 100

164 63.1 45.1 85.1

98 35.8 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 44.466 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.000 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

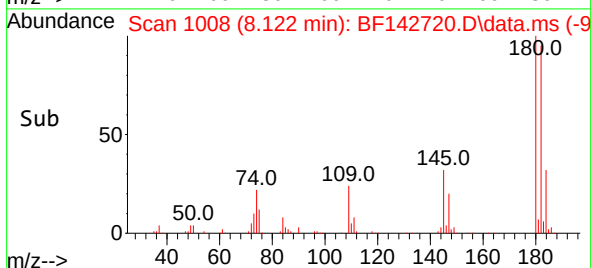
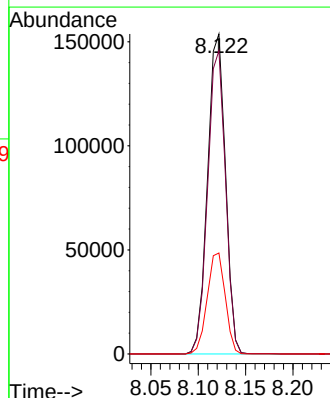
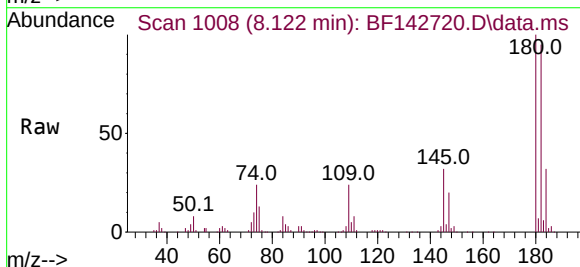
Tgt Ion:180 Resp: 201833

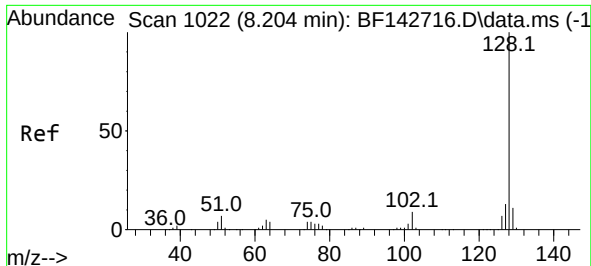
Ion Ratio Lower Upper

180 100

182 94.8 75.9 113.9

145 31.6 25.7 38.5

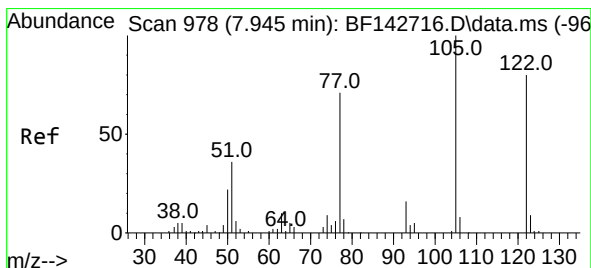
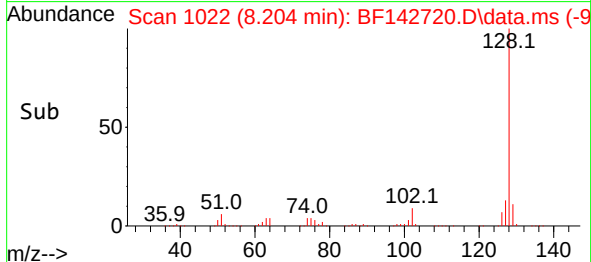
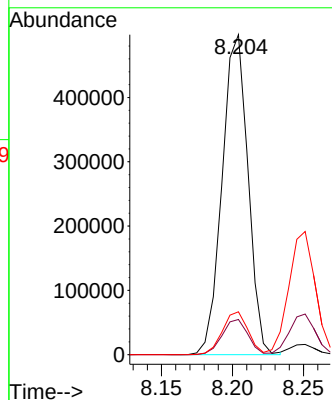
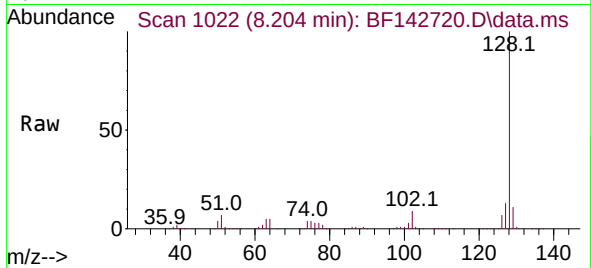




#31
Naphthalene
Concen: 44.151 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

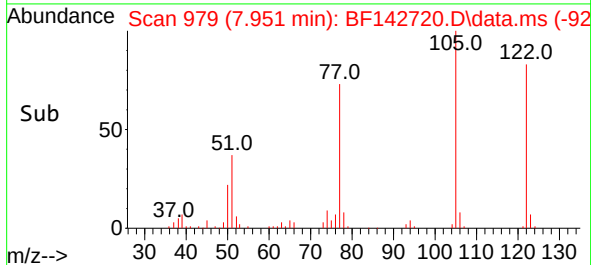
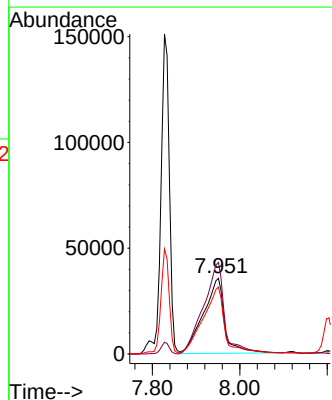
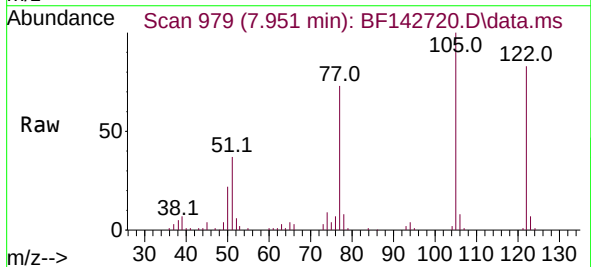
Instrument :
BNA_F
ClientSampleId :
ICVBF061125

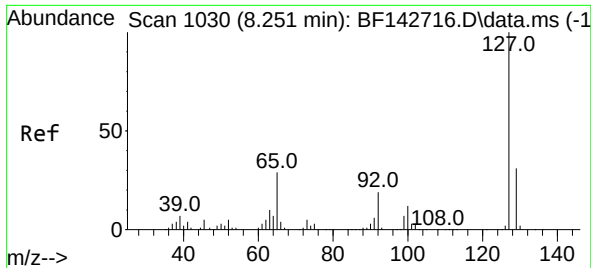
Tgt Ion:128 Resp: 630716
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.4 15.6



#32
Benzoic acid
Concen: 47.951 ng
RT: 7.951 min Scan# 979
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:122 Resp: 120199
Ion Ratio Lower Upper
122 100
105 120.9 102.6 142.6
77 88.4 68.2 108.2

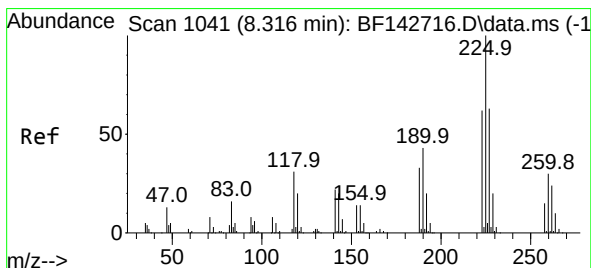
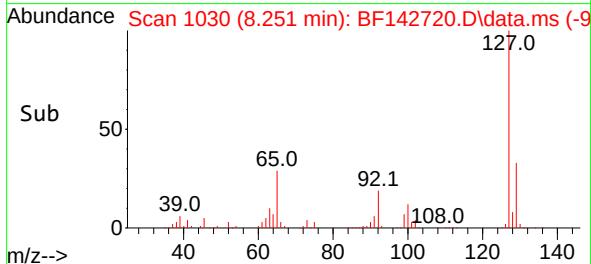
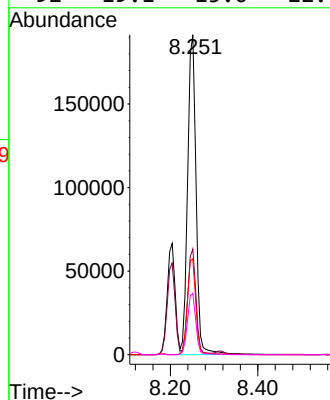
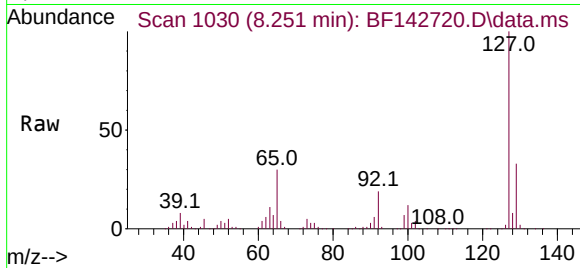




#33
4-Chloroaniline
Concen: 44.530 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

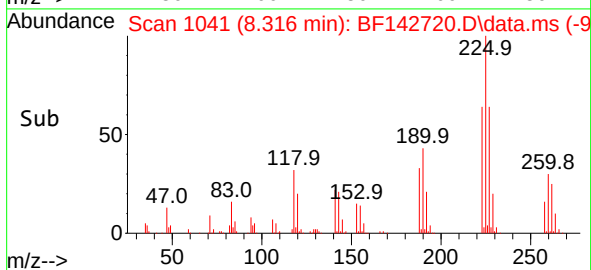
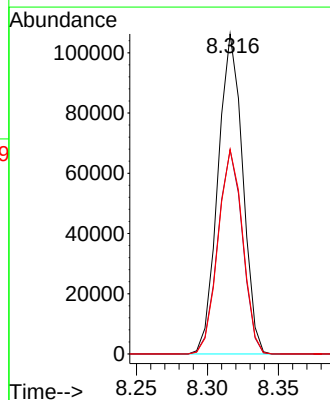
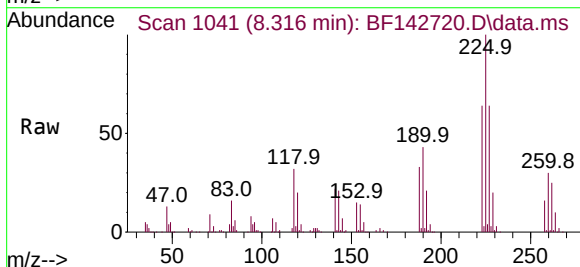
Instrument :
BNA_F
ClientSampleId :
ICVBF061125

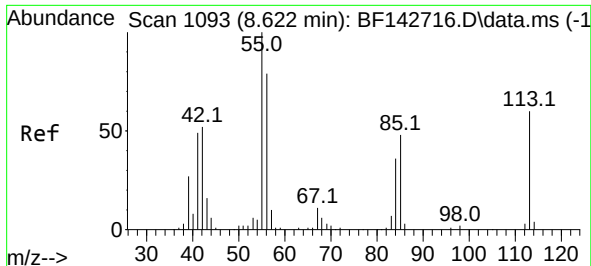
Tgt Ion:	127	Resp:	255412
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.6	38.4
65	29.9	23.0	34.4
92	19.1	15.0	22.4



#34
Hexachlorobutadiene
Concen: 44.378 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:	225	Resp:	128362
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.3	73.9
227	63.9	50.6	75.8

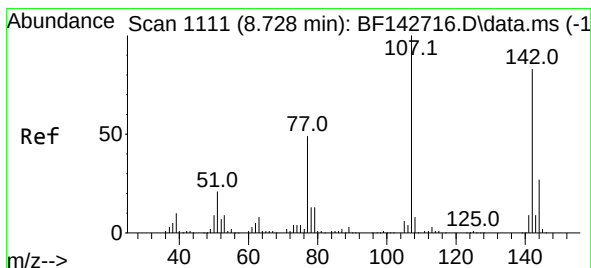
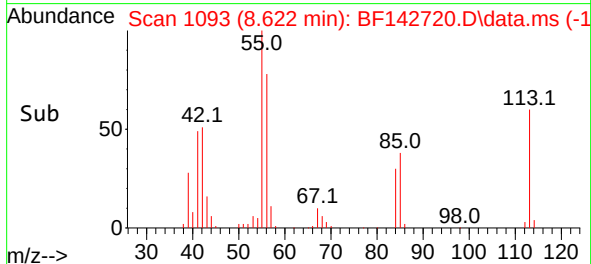
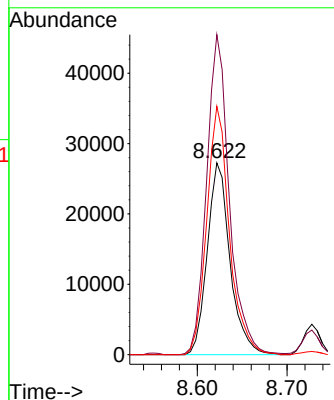
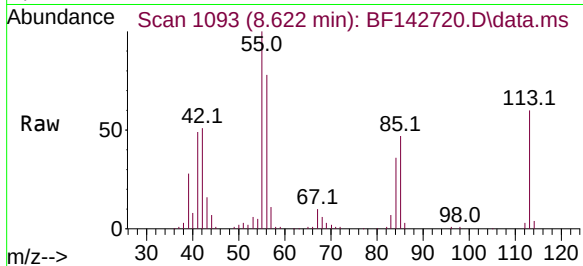




#35
 Caprolactam
 Concen: 43.345 ng
 RT: 8.622 min Scan# 1093
 Delta R.T. -0.000 min
 Lab File: BF142720.D
 Acq: 10 Jun 2025 20:49

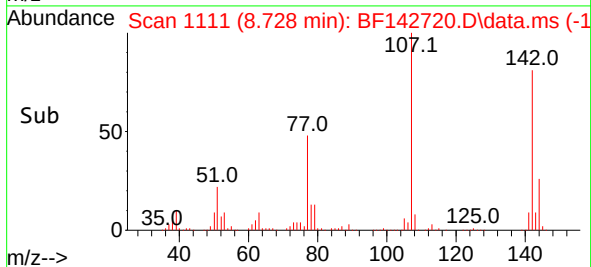
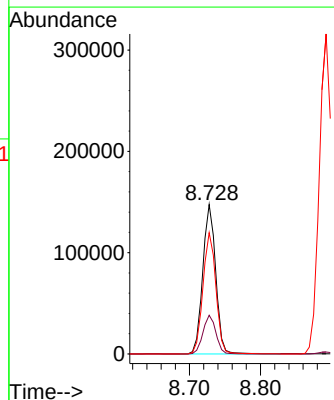
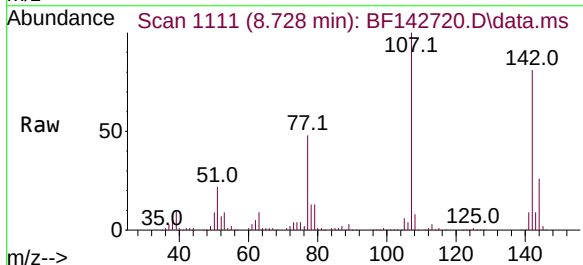
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061125

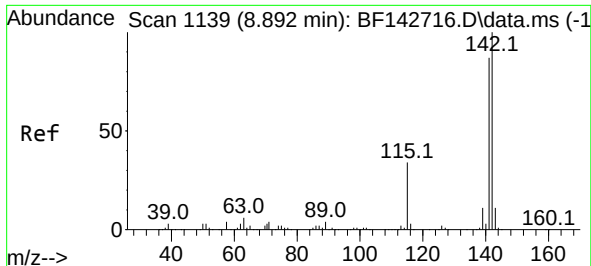
Tgt Ion:113 Resp: 48061
 Ion Ratio Lower Upper
 113 100
 55 166.8 147.9 187.9
 56 129.5 111.9 151.9



#36
 4-Chloro-3-methylphenol
 Concen: 43.991 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.000 min
 Lab File: BF142720.D
 Acq: 10 Jun 2025 20:49

Tgt Ion:107 Resp: 187896
 Ion Ratio Lower Upper
 107 100
 144 26.0 21.3 31.9
 142 81.2 66.2 99.2

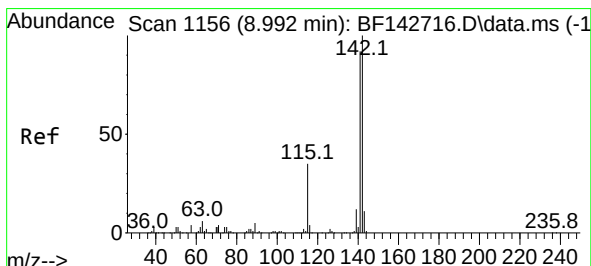
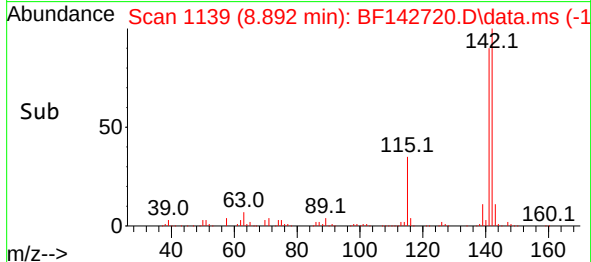
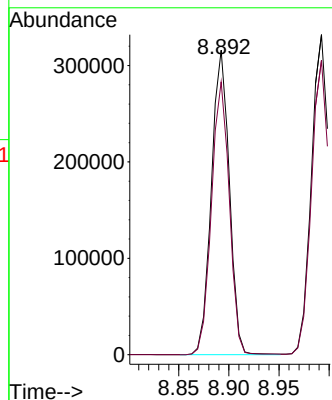
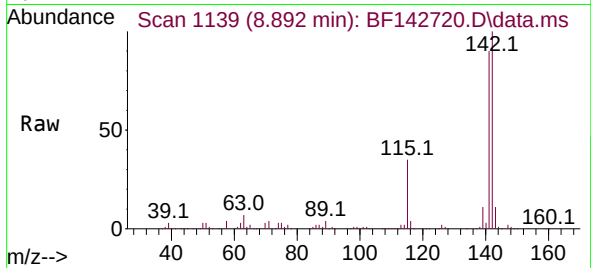




#37
2-Methylnaphthalene
Concen: 43.503 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

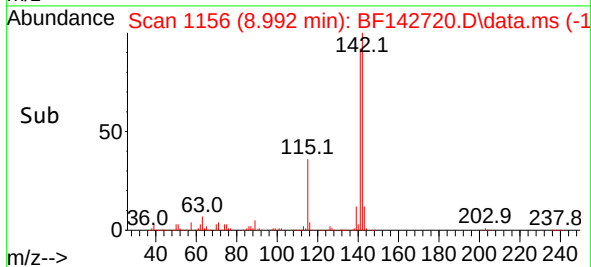
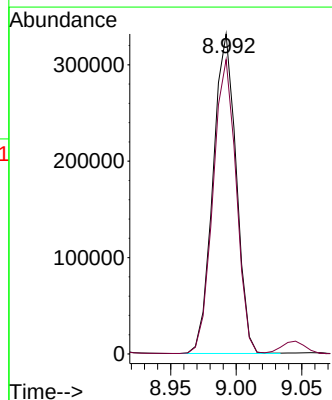
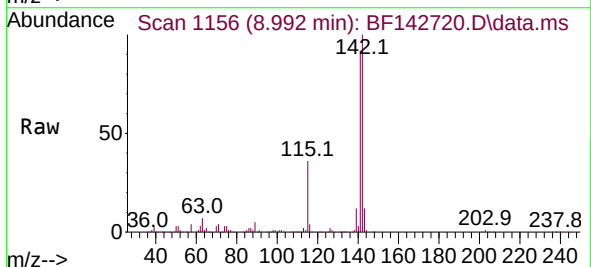
Instrument :
BNA_F
ClientSampleId :
ICVBF061125

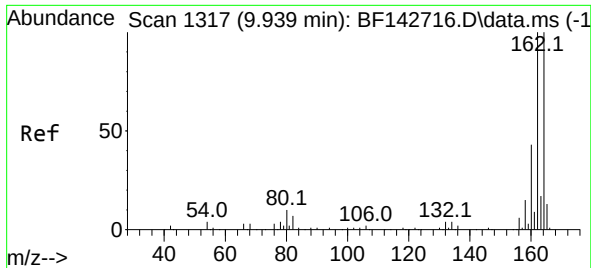
Tgt Ion:142 Resp: 393355
Ion Ratio Lower Upper
142 100
141 89.6 69.9 104.9



#38
1-Methylnaphthalene
Concen: 43.455 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:142 Resp: 407036
Ion Ratio Lower Upper
142 100
141 92.0 73.5 110.3

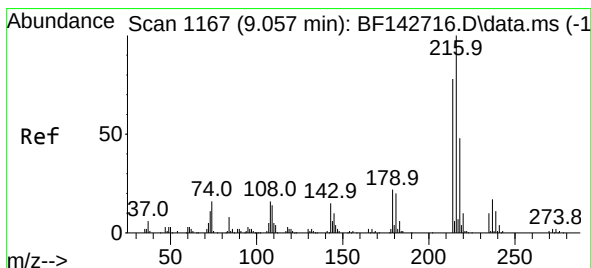
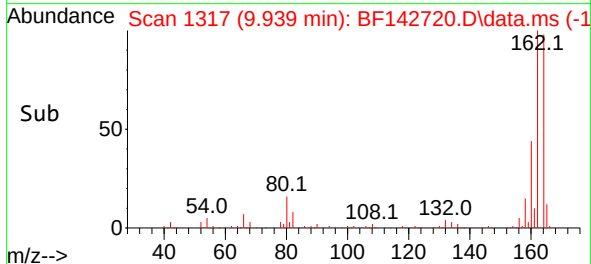
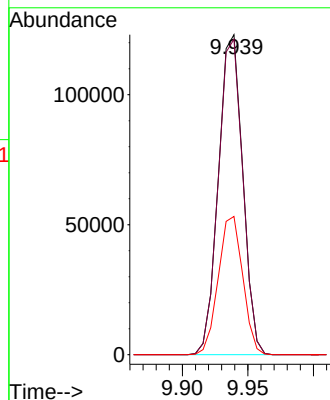
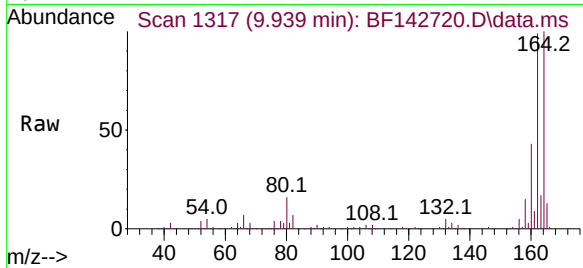




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

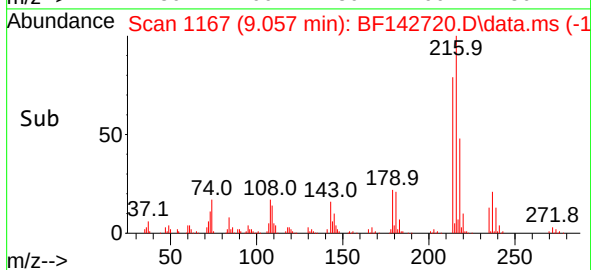
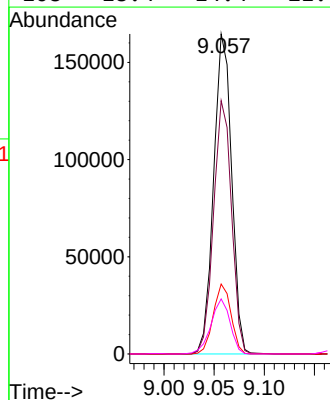
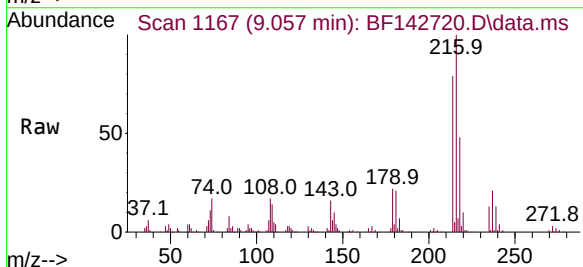
Instrument :
BNA_F
ClientSampleId :
ICVBF061125

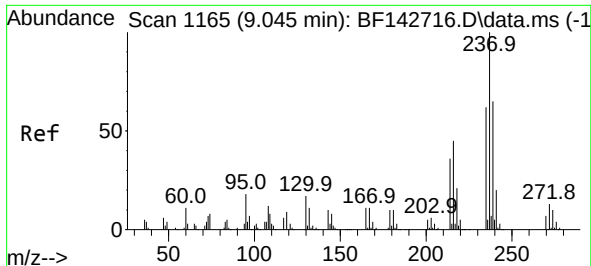
Tgt Ion:164 Resp: 158667
Ion Ratio Lower Upper
164 100
162 98.6 79.9 119.9
160 43.2 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.649 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:216 Resp: 205039
Ion Ratio Lower Upper
216 100
214 79.1 62.6 94.0
179 21.6 17.1 25.7
108 18.4 14.4 21.6

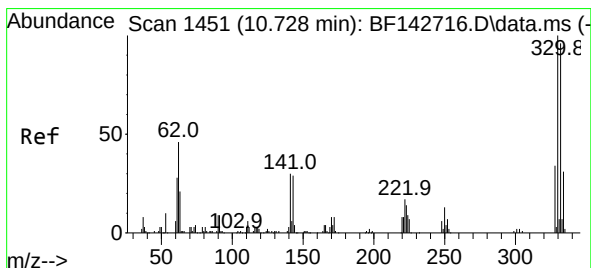
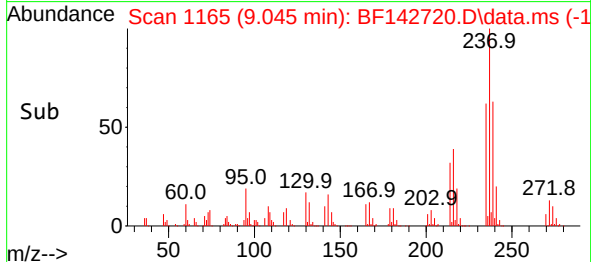
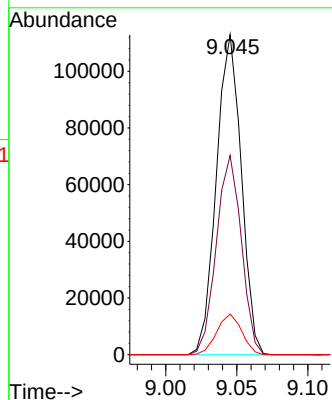
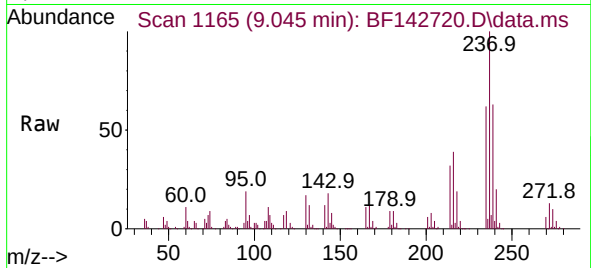




#41
Hexachlorocyclopentadiene
Concen: 46.731 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

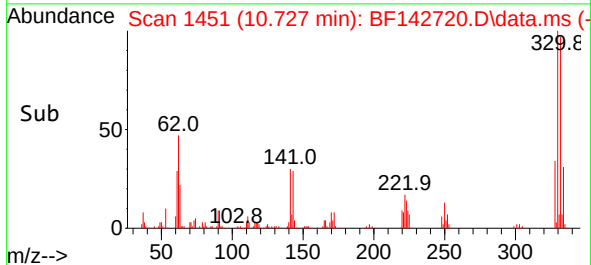
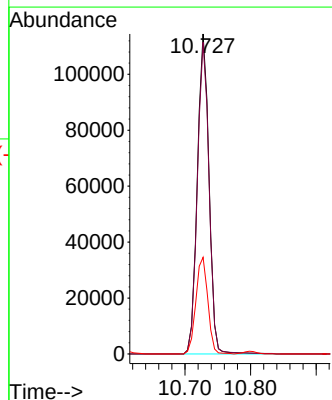
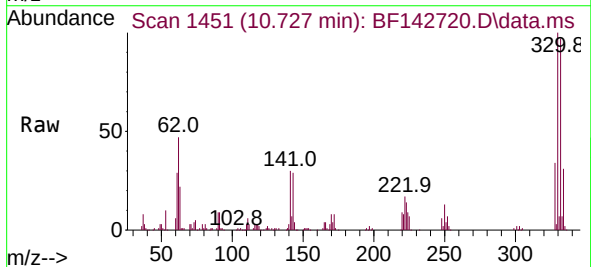
Instrument :
BNA_F
ClientSampleId :
ICVBF061125

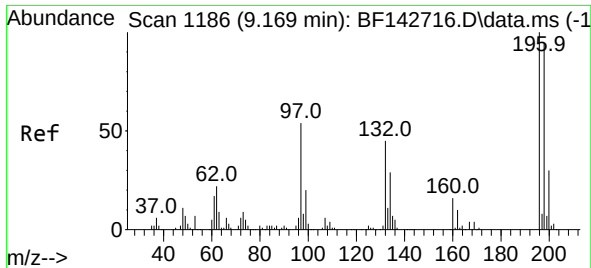
Tgt Ion:237 Resp: 137738
Ion Ratio Lower Upper
237 100
235 62.2 41.9 81.9
272 12.7 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 81.692 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.001 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:330 Resp: 142060
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 30.8 25.4 38.0

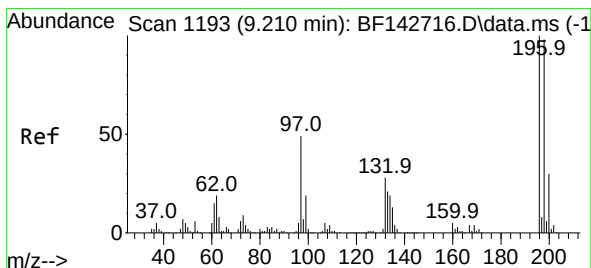
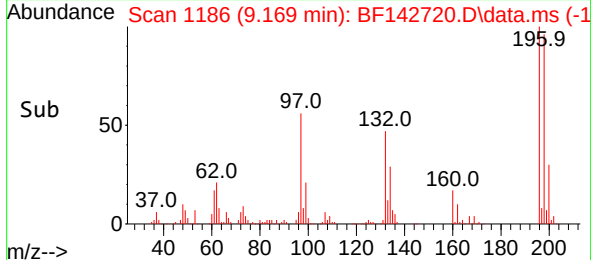
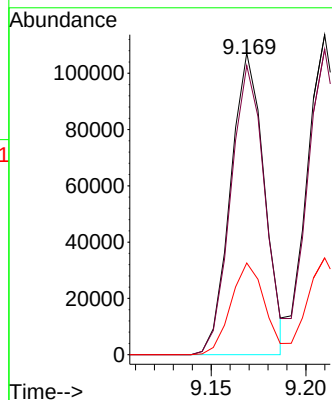
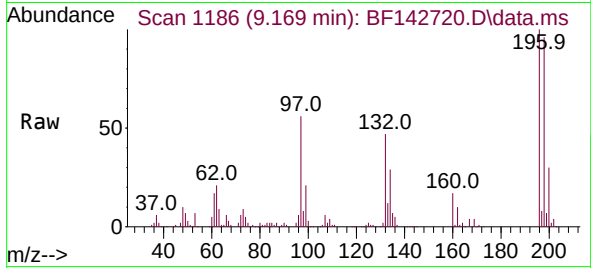




#43
2,4,6-Trichlorophenol
Concen: 44.714 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

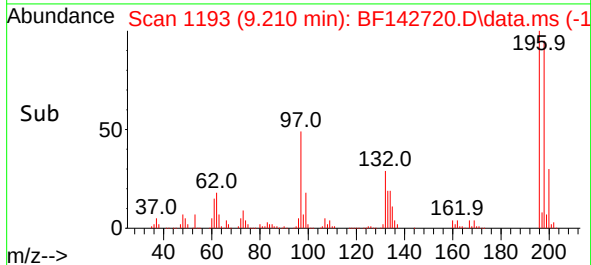
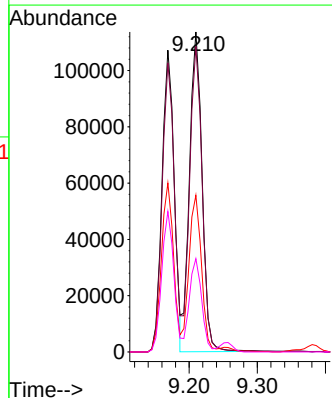
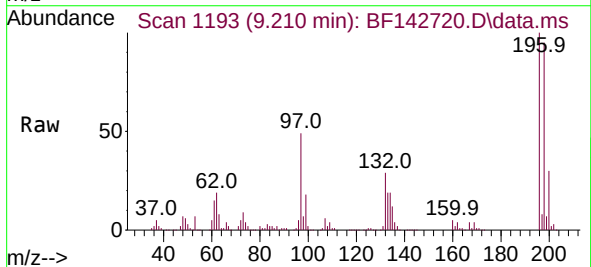
Instrument :
BNA_F
ClientSampleId :
ICVBF061125

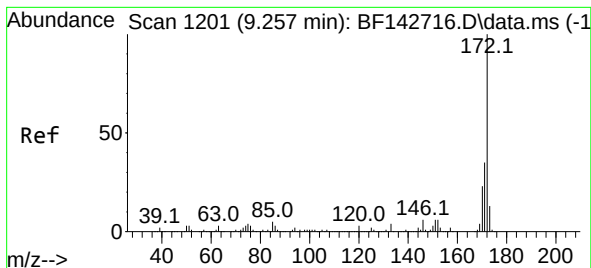
Tgt Ion:196 Resp: 132920
Ion Ratio Lower Upper
196 100
198 95.8 75.5 113.3
200 30.4 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 45.379 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:196 Resp: 145700
Ion Ratio Lower Upper
196 100
198 95.5 78.2 117.2
97 49.0 38.6 57.8
132 29.1 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 75.043 ng

RT: 9.257 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

Instrument :

BNA_F

ClientSampleId :

ICVBF061125

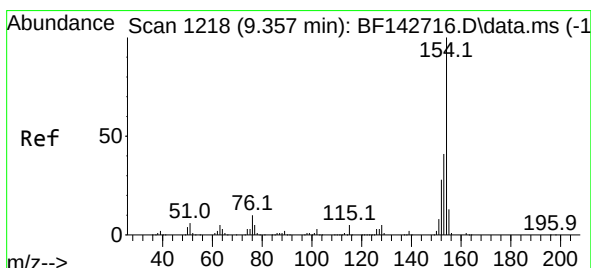
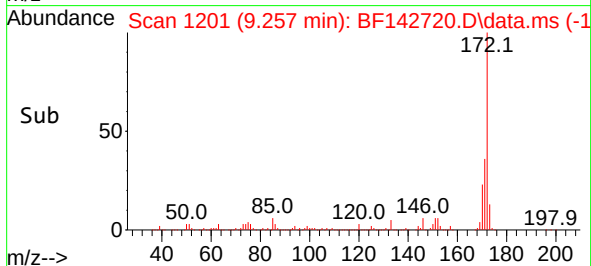
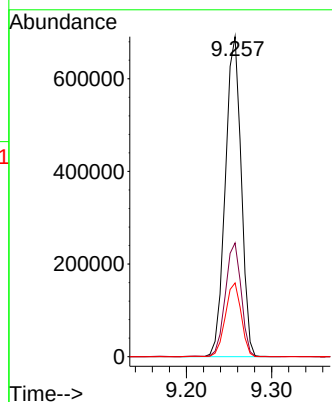
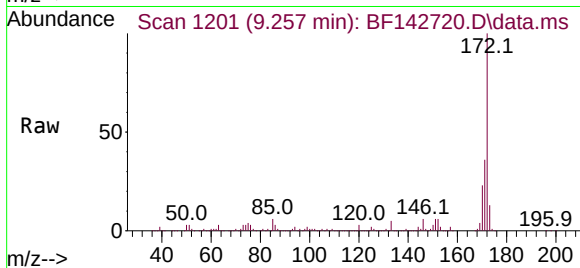
Tgt Ion:172 Resp: 896222

Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

170 23.1 18.6 27.8



#46

1,1'-Biphenyl

Concen: 44.647 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

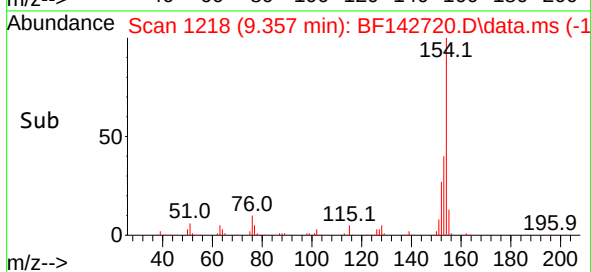
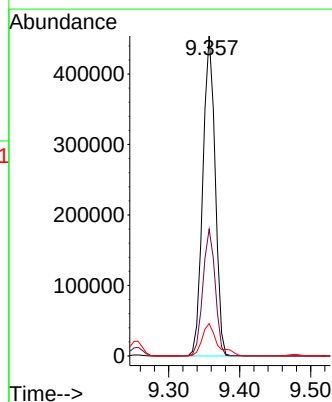
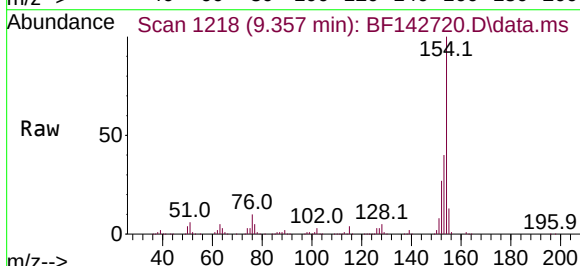
Tgt Ion:154 Resp: 550079

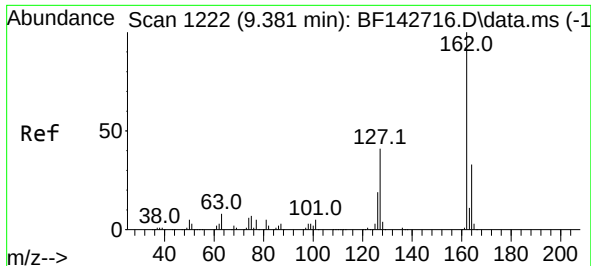
Ion Ratio Lower Upper

154 100

153 39.6 20.6 60.6

76 10.1 0.0 30.2

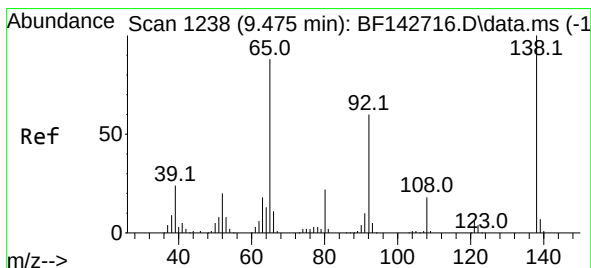
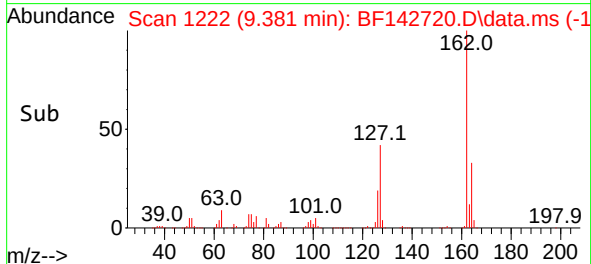
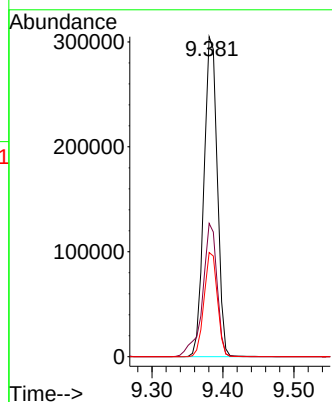
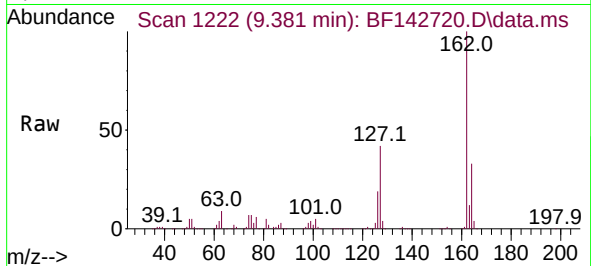




#47
2-Chloronaphthalene
Concen: 44.040 ng
RT: 9.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

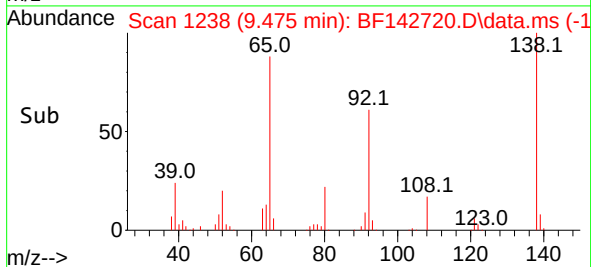
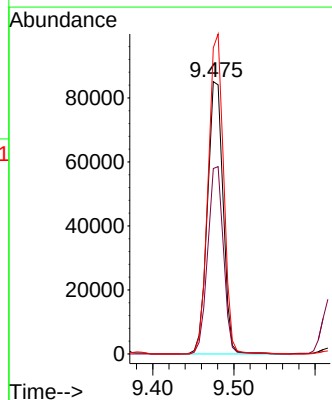
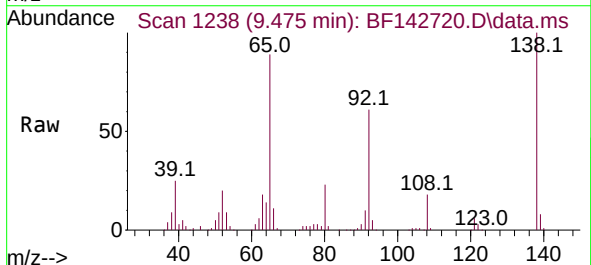
Instrument :
BNA_F
ClientSampleId :
ICVBF061125

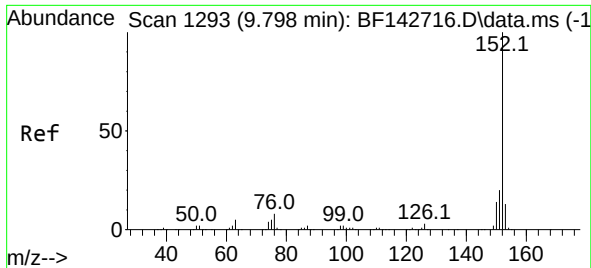
Tgt Ion:162 Resp: 399752
Ion Ratio Lower Upper
162 100
127 41.7 33.5 50.3
164 32.5 26.1 39.1



#48
2-Nitroaniline
Concen: 44.136 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion: 65 Resp: 113944
Ion Ratio Lower Upper
65 100
92 68.1 54.5 81.7
138 112.4 90.6 136.0

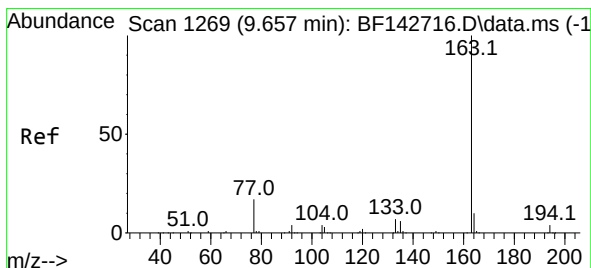
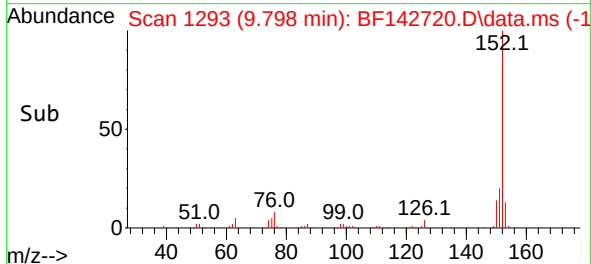
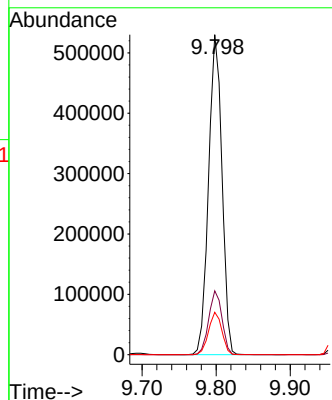
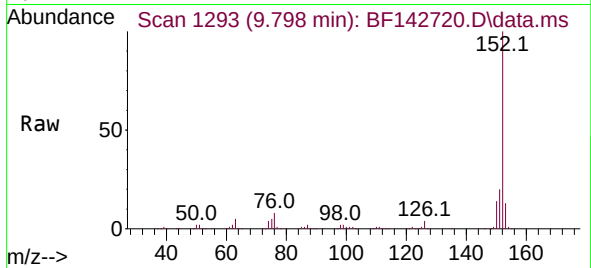




#49
Acenaphthylene
Concen: 43.524 ng
RT: 9.798 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

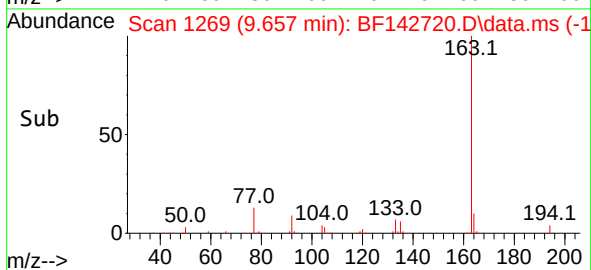
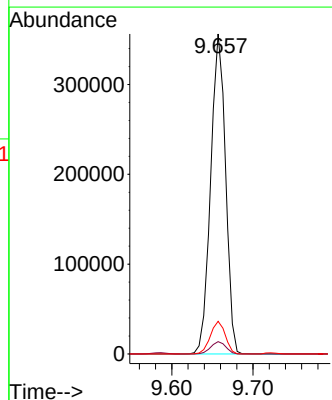
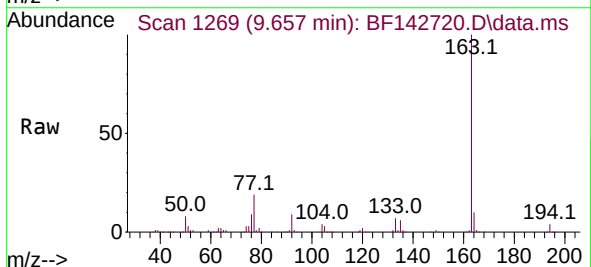
Instrument :
BNA_F
ClientSampleId :
ICVBF061125

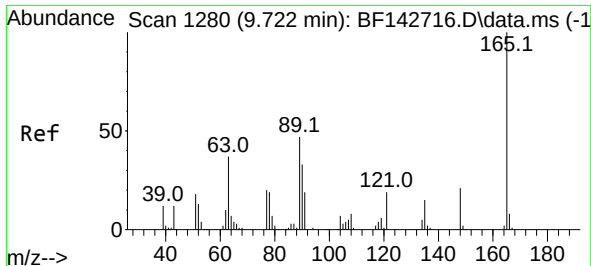
Tgt Ion:152 Resp: 666129
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 42.773 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:163 Resp: 453202
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.2 8.0 12.0

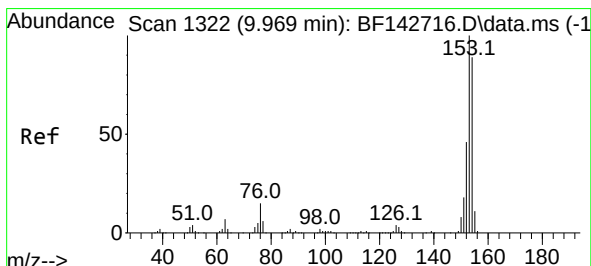
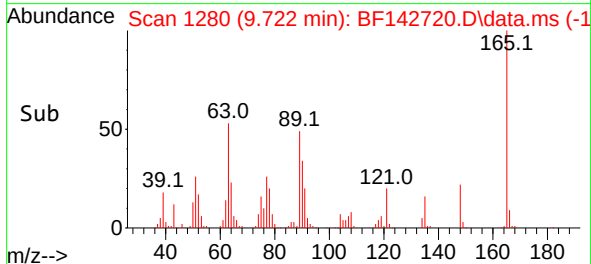
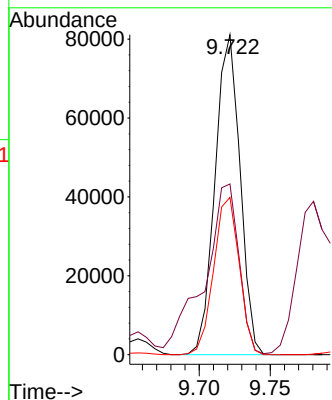
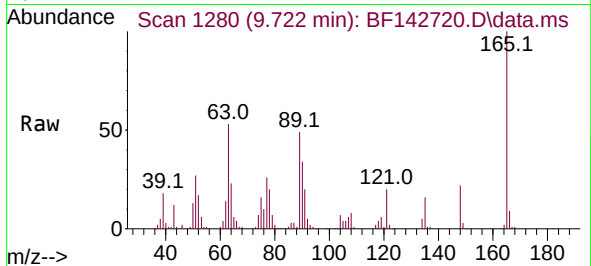




#51
2,6-Dinitrotoluene
Concen: 43.408 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

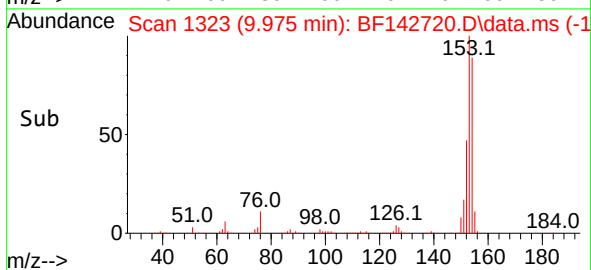
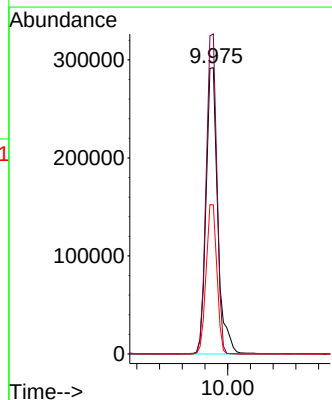
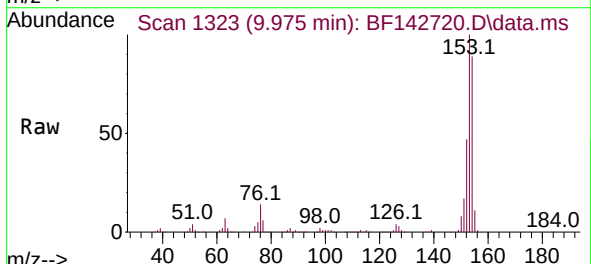
Instrument :
BNA_F
ClientSampleId :
ICVBF061125

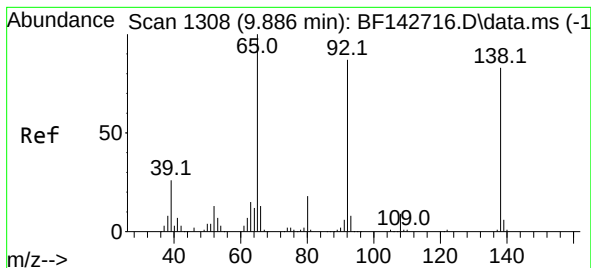
Tgt Ion:165 Resp: 99403
Ion Ratio Lower Upper
165 100
63 53.4 40.6 60.8
89 49.2 37.6 56.4



#52
Acenaphthene
Concen: 43.917 ng
RT: 9.975 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:154 Resp: 416746
Ion Ratio Lower Upper
154 100
153 111.8 90.1 135.1
152 52.1 41.9 62.9





#53

3-Nitroaniline

Concen: 43.317 ng

RT: 9.892 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

Instrument :

BNA_F

ClientSampleId :

ICVBF061125

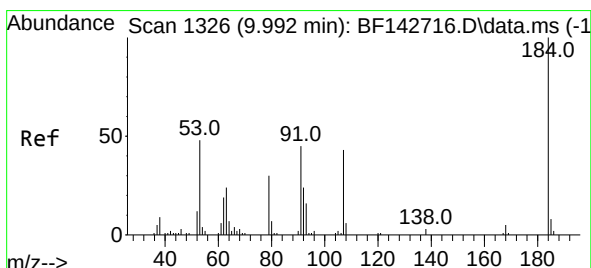
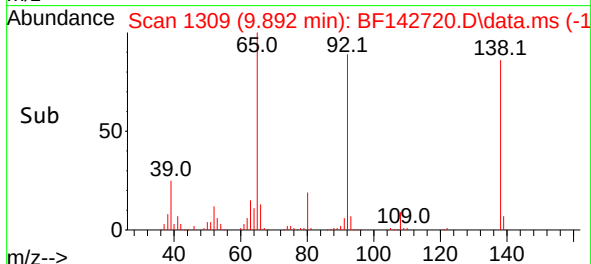
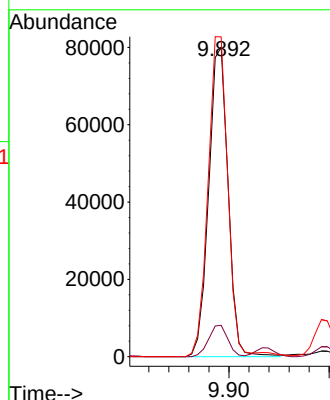
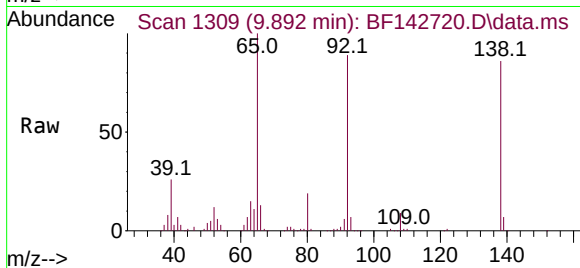
Tgt Ion:138 Resp: 107590

Ion Ratio Lower Upper

138 100

108 10.1 8.3 12.5

92 103.3 84.6 127.0



#54

2,4-Dinitrophenol

Concen: 45.522 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.006 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

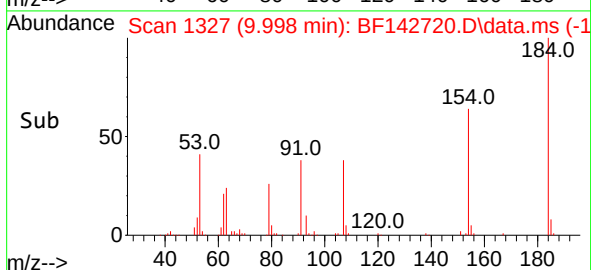
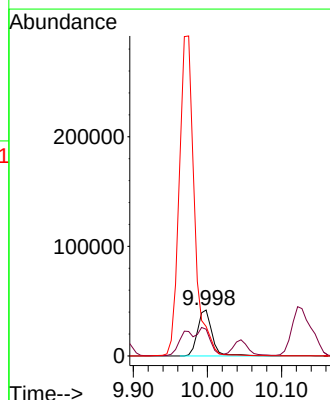
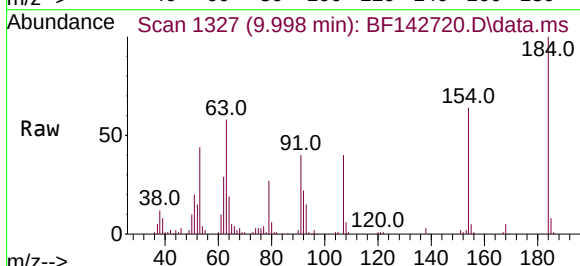
Tgt Ion:184 Resp: 57103

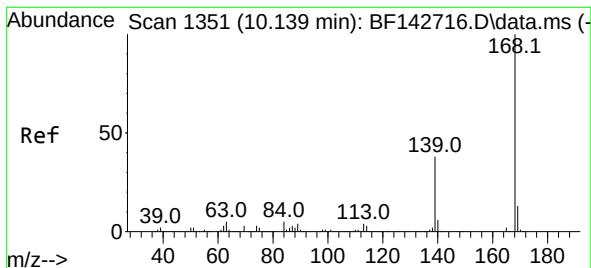
Ion Ratio Lower Upper

184 100

63 58.2 51.7 77.5

154 64.2 60.1 90.1





#55

Dibenzenofuran

Concen: 43.111 ng

RT: 10.145 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

Instrument :

BNA_F

ClientSampleId :

ICVBF061125

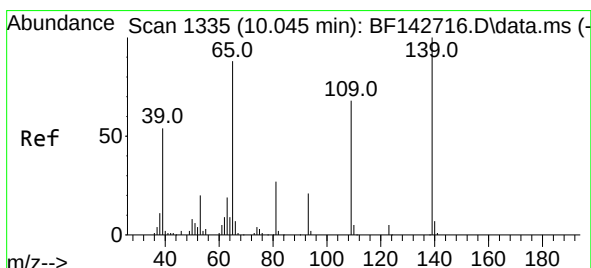
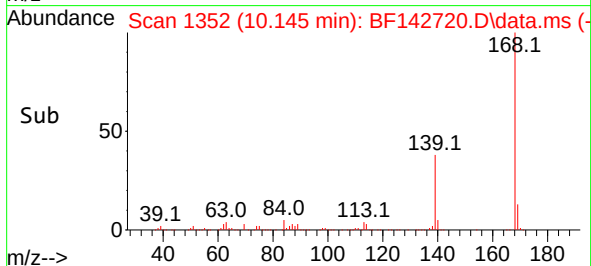
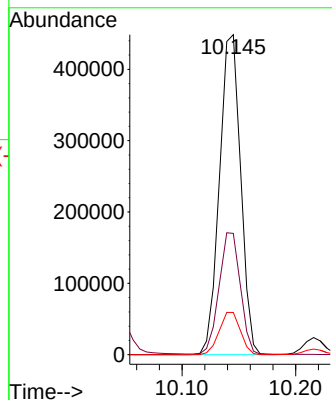
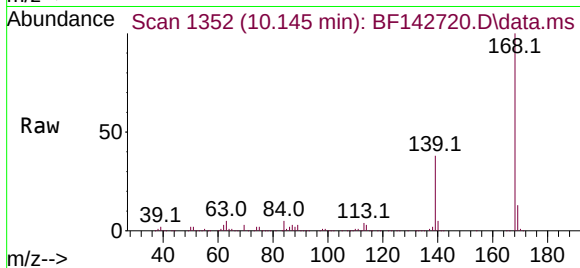
Tgt Ion:168 Resp: 582555

Ion Ratio Lower Upper

168 100

139 37.9 30.9 46.3

169 13.2 10.8 16.2



#56

4-Nitrophenol

Concen: 42.908 ng

RT: 10.045 min Scan# 1335

Delta R.T. -0.000 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

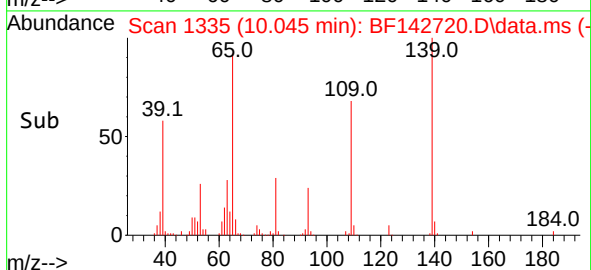
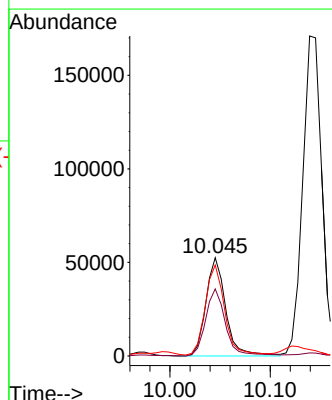
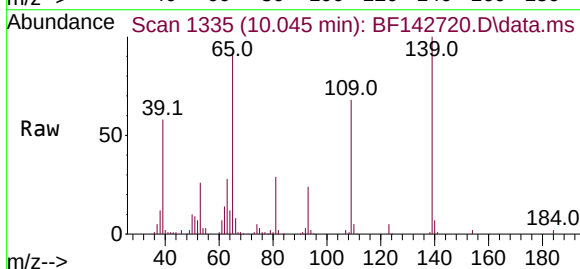
Tgt Ion:139 Resp: 72282

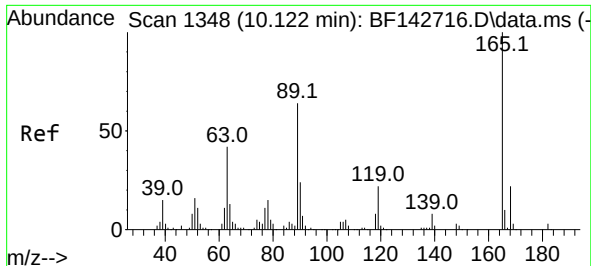
Ion Ratio Lower Upper

139 100

109 68.2 47.5 87.5

65 92.5 69.2 109.2

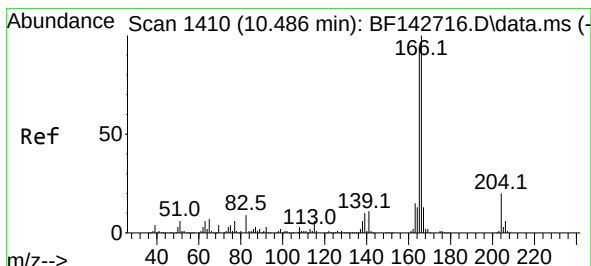
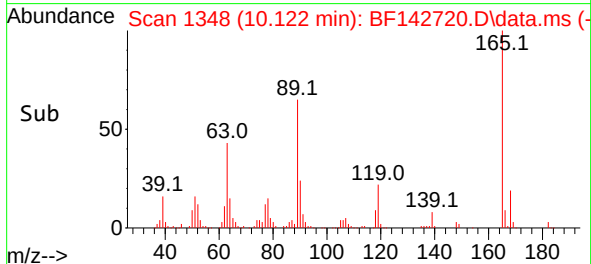
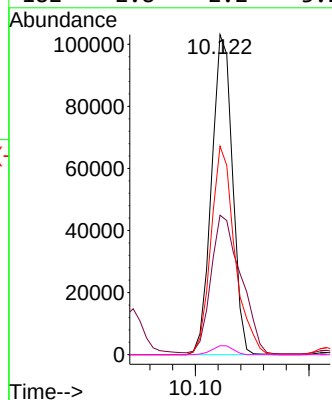
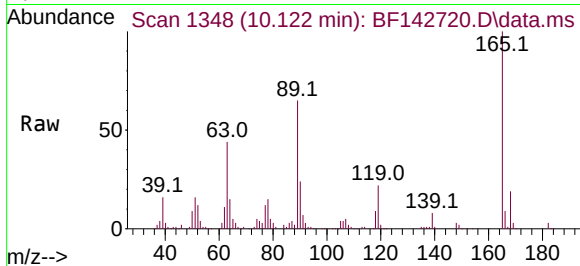




#57
2,4-Dinitrotoluene
Concen: 43.516 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

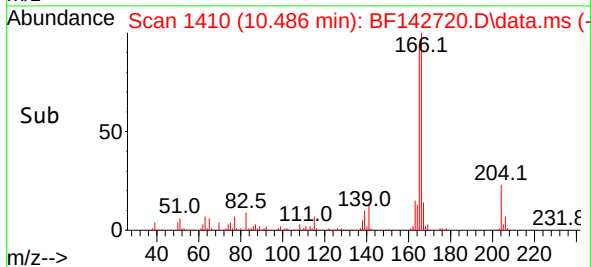
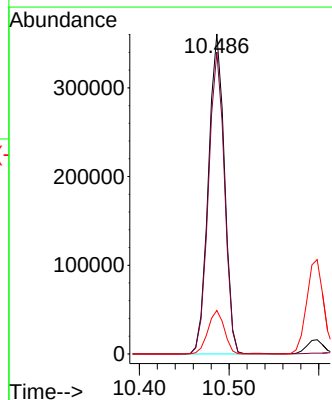
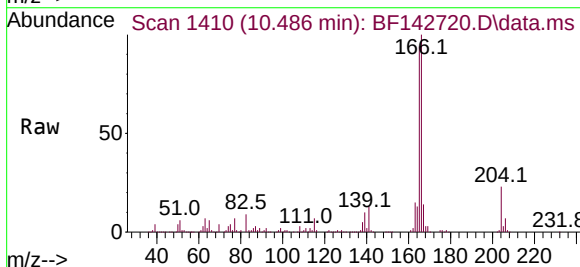
Instrument :
BNA_F
ClientSampleId :
ICVBF061125

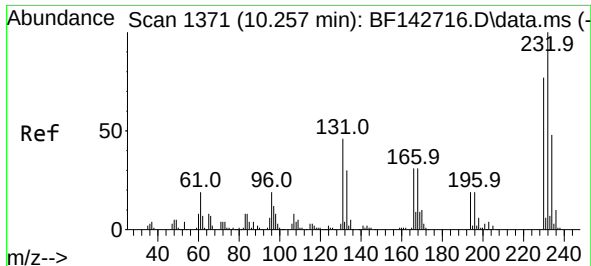
Tgt Ion:165 Resp: 131755
Ion Ratio Lower Upper
165 100
63 43.6 34.1 51.1
89 65.2 50.8 76.2
182 2.8 2.2 3.2



#58
Fluorene
Concen: 42.112 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:166 Resp: 449369
Ion Ratio Lower Upper
166 100
165 94.4 74.9 112.3
167 13.6 10.7 16.1

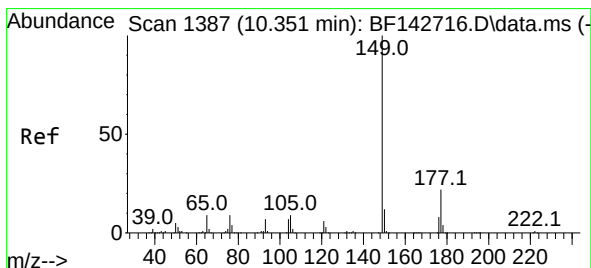
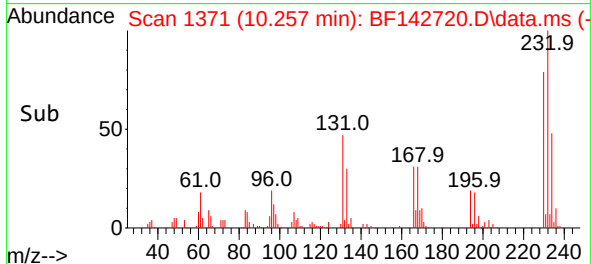
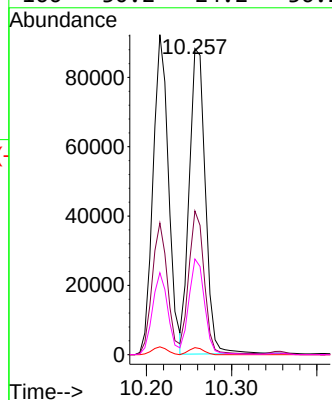
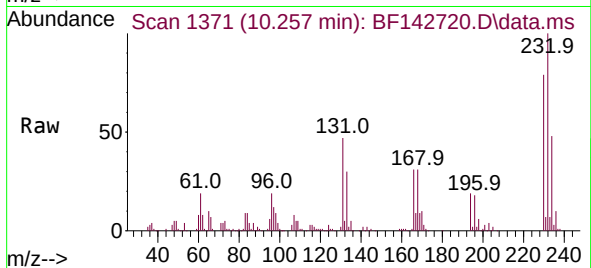




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.746 ng
RT: 10.257 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

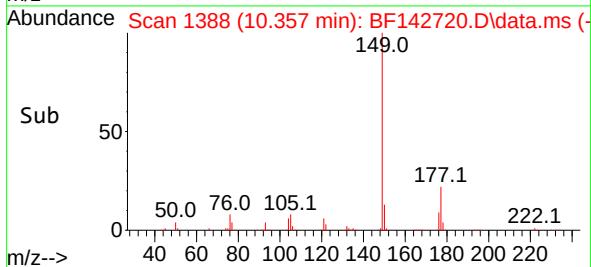
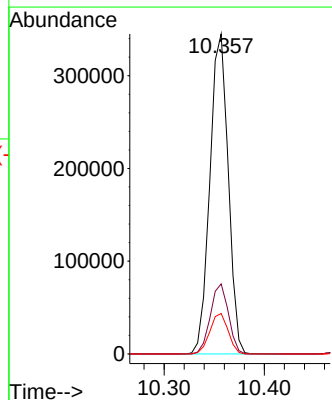
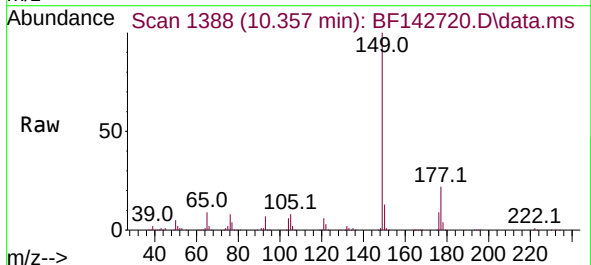
Instrument :
BNA_F
ClientSampleId :
ICVBF061125

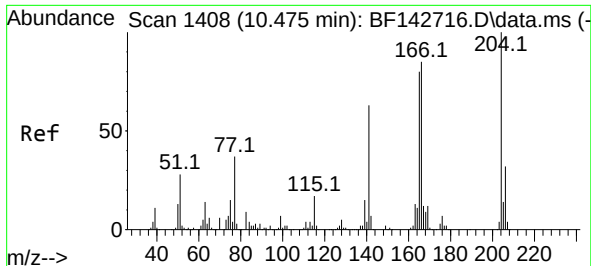
Tgt Ion:232 Resp: 115464
Ion Ratio Lower Upper
232 100
131 45.6 35.8 53.8
130 2.1 1.8 2.6
166 30.2 24.2 36.2



#60
Diethylphthalate
Concen: 41.798 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:149 Resp: 439146
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.0
150 12.6 10.0 15.0

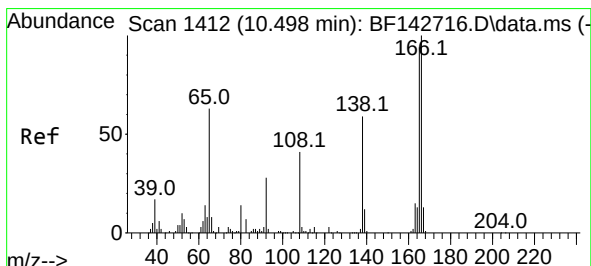
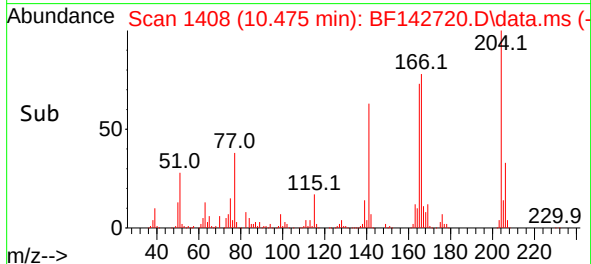
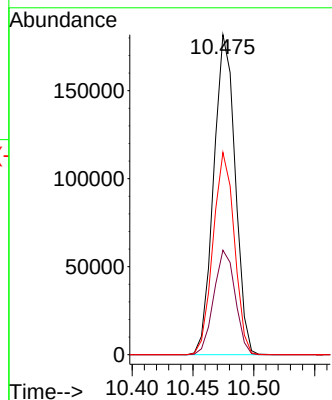
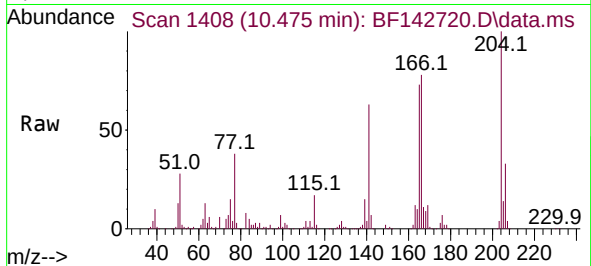




#61
4-Chlorophenyl-phenylether
Concen: 42.866 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

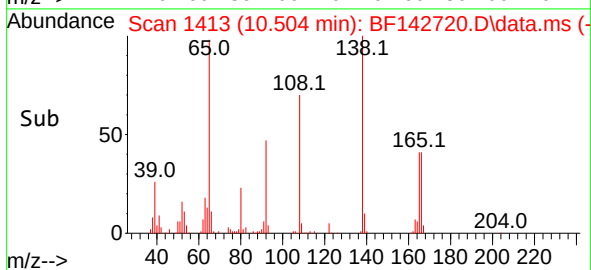
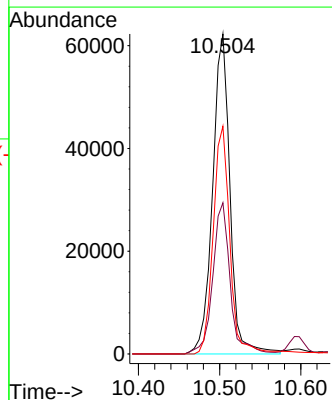
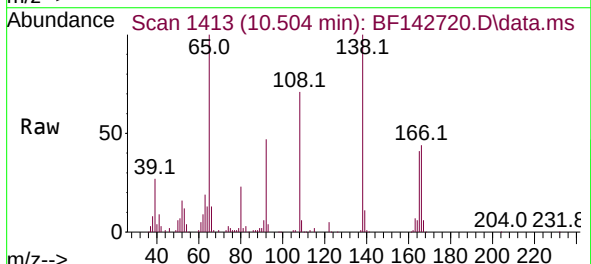
Instrument :
BNA_F
ClientSampleId :
ICVBF061125

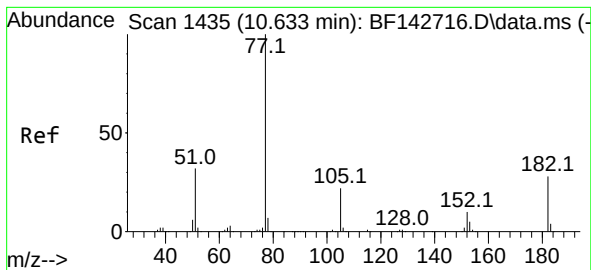
Tgt Ion:204 Resp: 223388
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 63.2 50.2 75.4



#62
4-Nitroaniline
Concen: 41.707 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:138 Resp: 92675
Ion Ratio Lower Upper
138 100
92 47.2 27.2 67.2
108 71.1 49.9 89.9

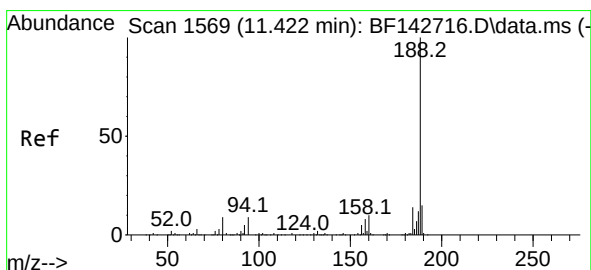
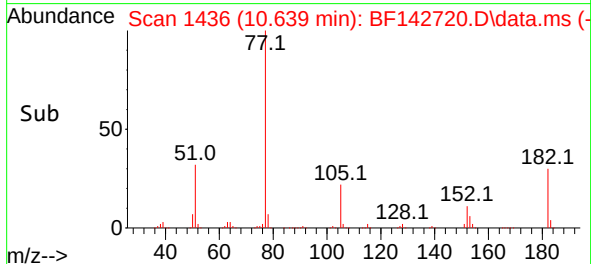
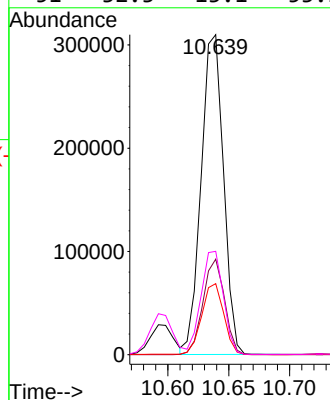
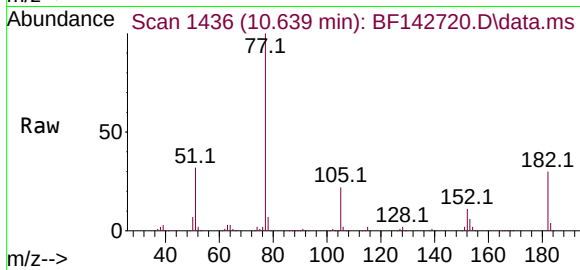




#63
Azobenzene
Concen: 43.227 ng
RT: 10.639 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

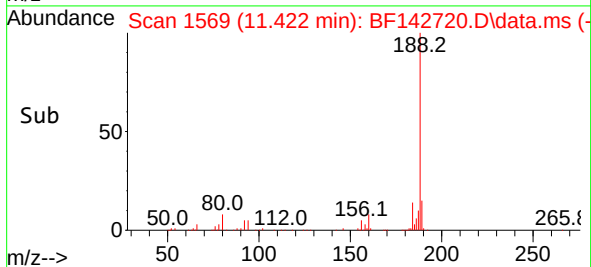
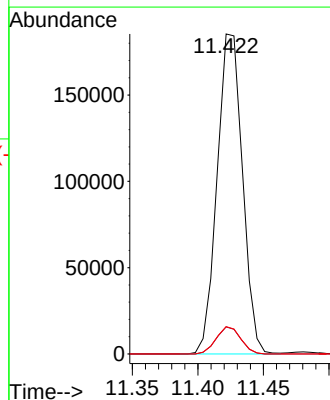
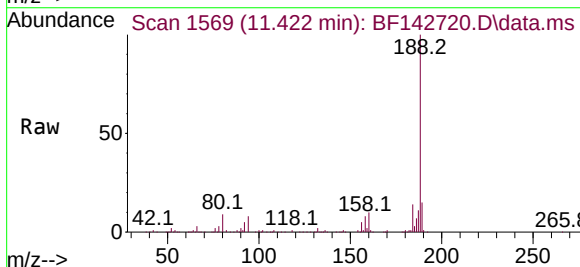
Instrument :
BNA_F
ClientSampleId :
ICVBF061125

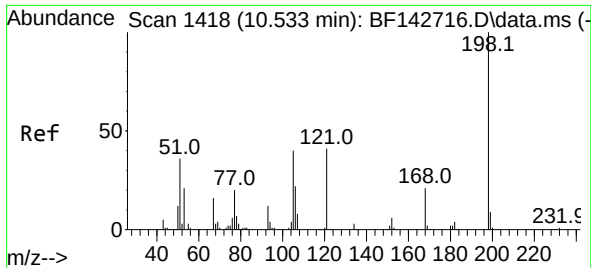
Tgt Ion: 77	Resp: 396638
Ion Ratio	Lower Upper
77 100	
182 29.8	7.8 47.8
105 22.2	1.9 41.9
51 32.3	13.1 53.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:188	Resp: 249548
Ion Ratio	Lower Upper
188 100	
94 8.5	6.8 10.2
80 8.5	7.1 10.7

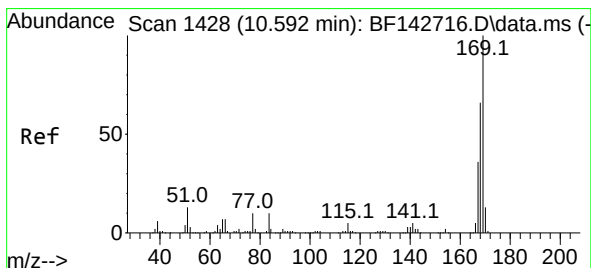
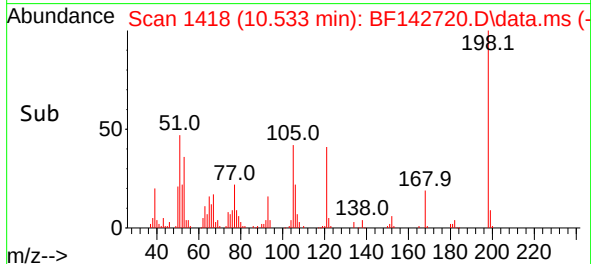
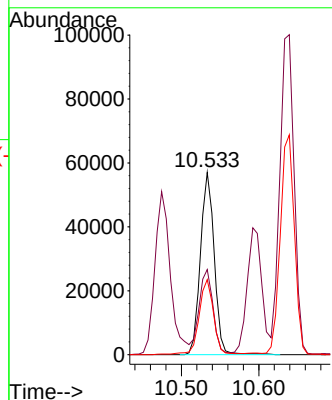
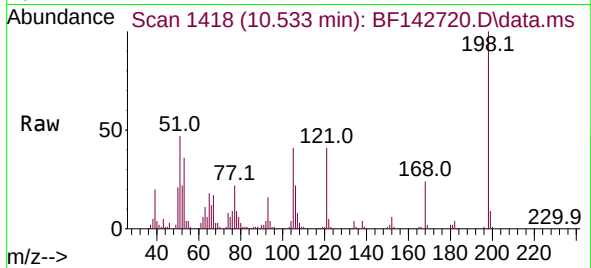




#65
4,6-Dinitro-2-methylphenol
Concen: 45.188 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

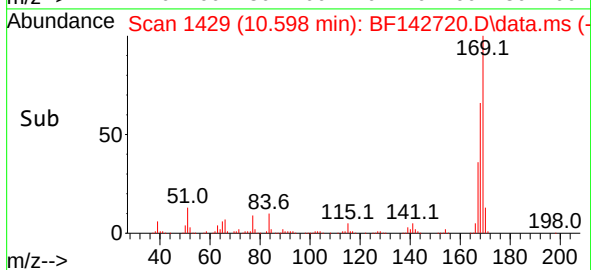
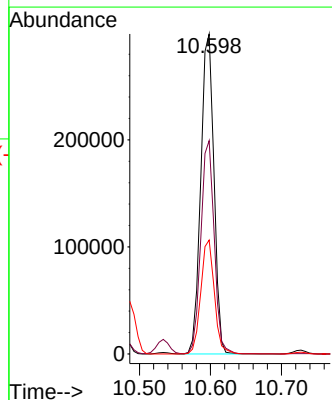
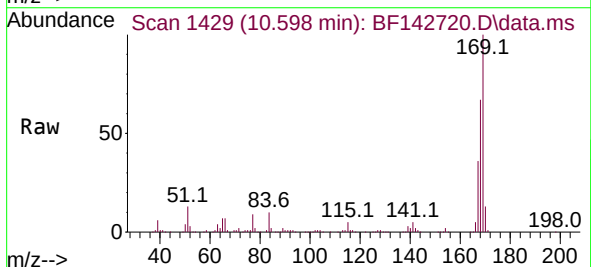
Instrument :
BNA_F
ClientSampleId :
ICVBF061125

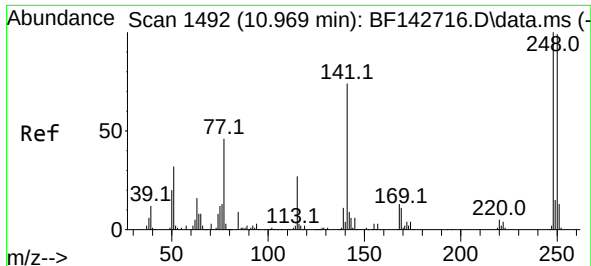
Tgt Ion:198 Resp: 70617
Ion Ratio Lower Upper
198 100
51 46.7 25.5 65.5
105 41.2 21.1 61.1



#66
n-Nitrosodiphenylamine
Concen: 45.023 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:169 Resp: 386201
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.4
167 35.6 28.7 43.1

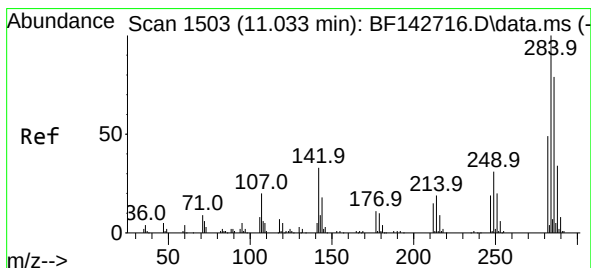
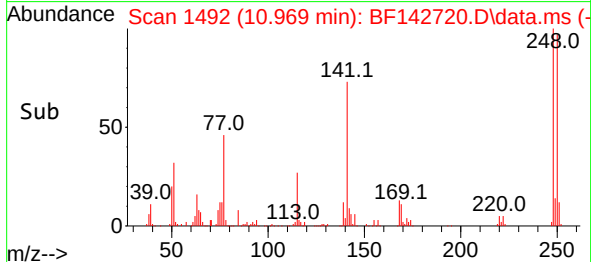
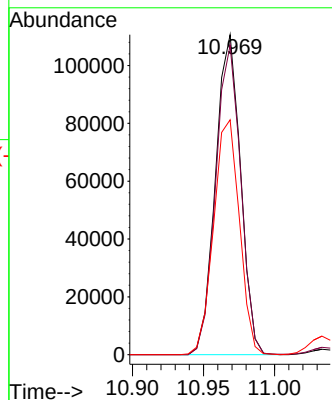
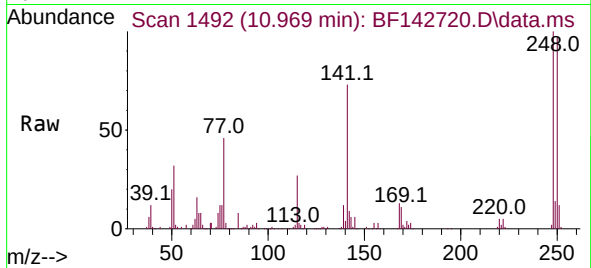




#67
4-Bromophenyl-phenylether
Concen: 46.092 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

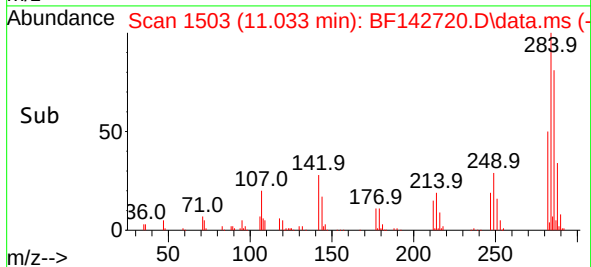
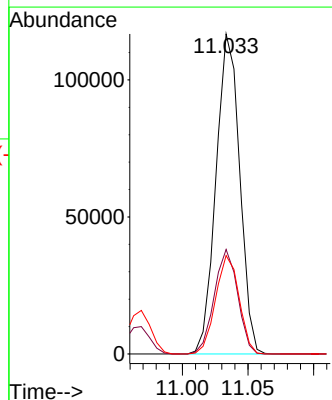
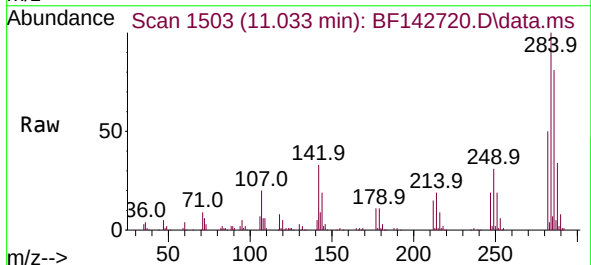
Instrument :
BNA_F
ClientSampleId :
ICVBF061125

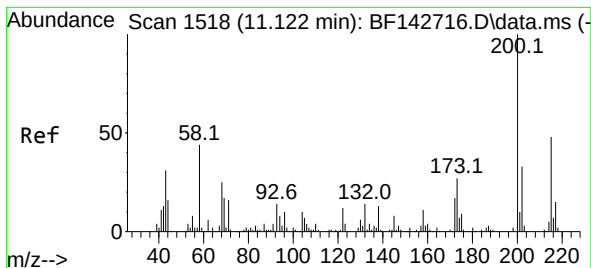
Tgt Ion:248 Resp: 135771
Ion Ratio Lower Upper
248 100
250 96.7 79.2 118.8
141 73.4 59.3 88.9



#68
Hexachlorobenzene
Concen: 44.795 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:284 Resp: 146469
Ion Ratio Lower Upper
284 100
142 32.6 26.0 39.0
249 30.8 24.6 37.0





#69

Atrazine

Concen: 43.408 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.000 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

Instrument :

BNA_F

ClientSampleId :

ICVBF061125

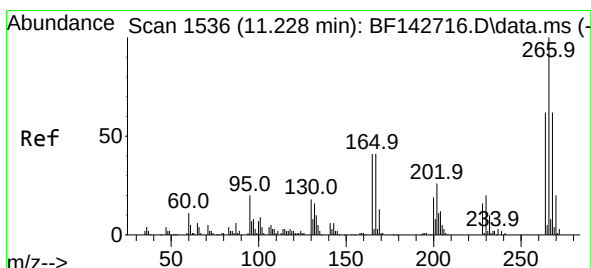
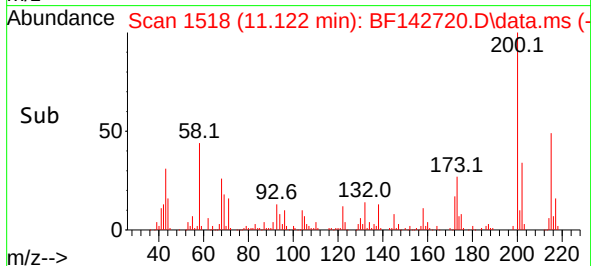
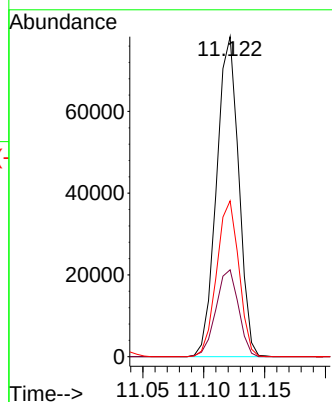
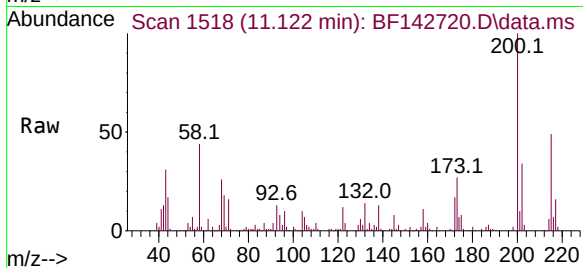
Tgt Ion:200 Resp: 99271

Ion Ratio Lower Upper

200 100

173 27.2 7.4 47.4

215 48.7 28.2 68.2



#70

Pentachlorophenol

Concen: 44.637 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

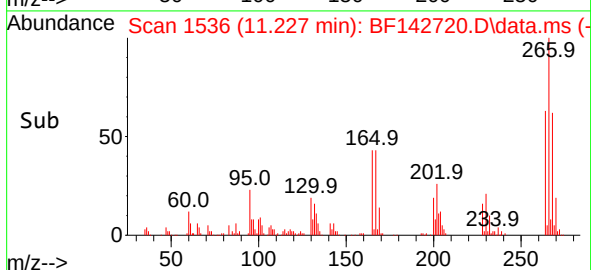
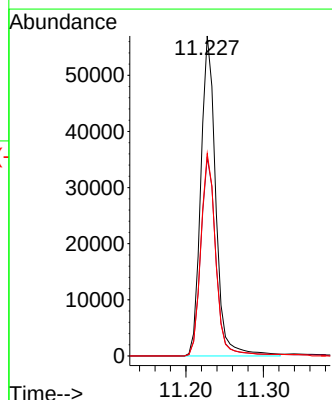
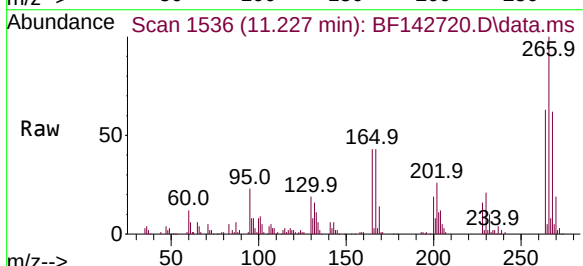
Tgt Ion:266 Resp: 76507

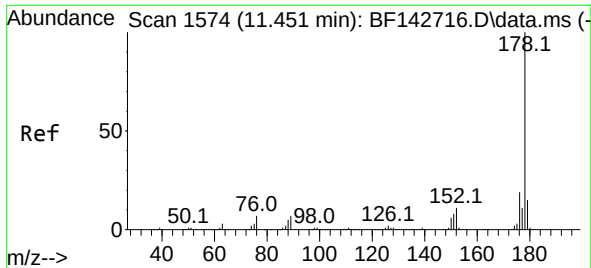
Ion Ratio Lower Upper

266 100

268 62.1 49.6 74.4

264 63.2 49.5 74.3

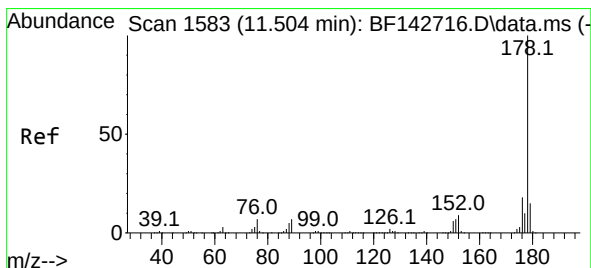
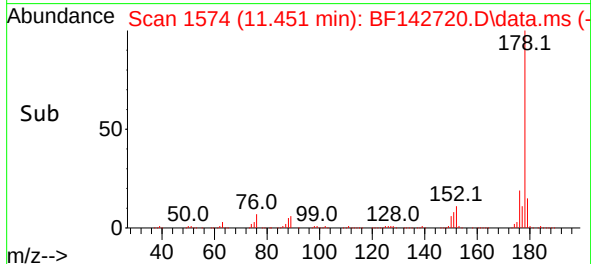
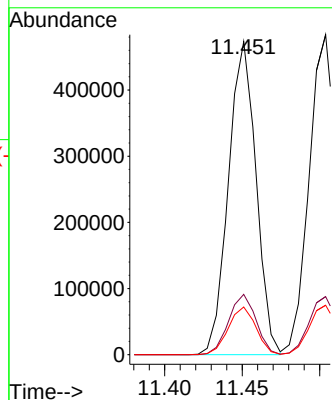
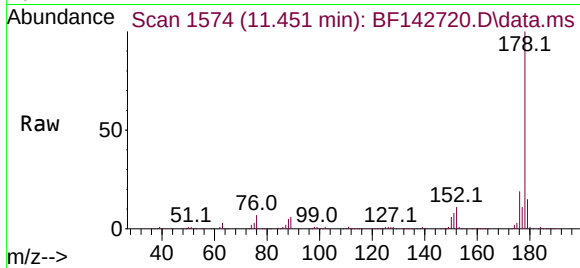




#71
Phenanthrene
Concen: 43.859 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

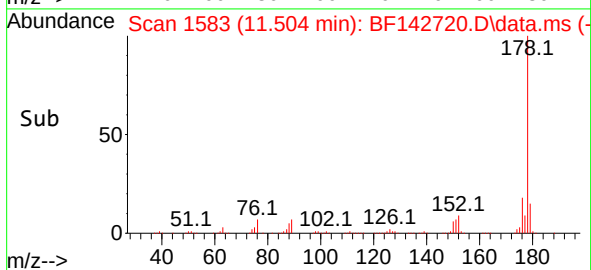
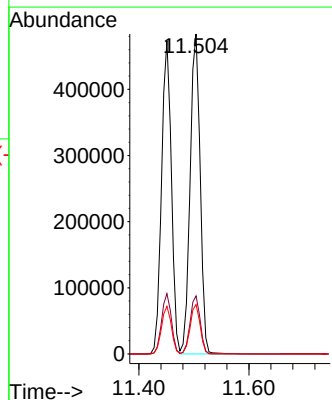
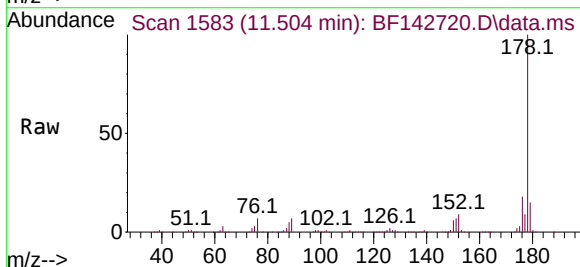
Instrument :
BNA_F
ClientSampleId :
ICVBF061125

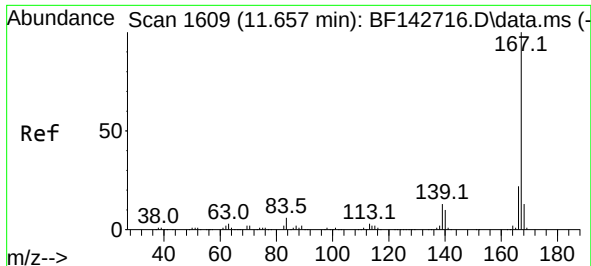
Tgt Ion:178 Resp: 586368
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.3 12.2 18.4



#72
Anthracene
Concen: 44.214 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:178 Resp: 611481
Ion Ratio Lower Upper
178 100
176 18.2 14.8 22.2
179 15.4 12.2 18.2

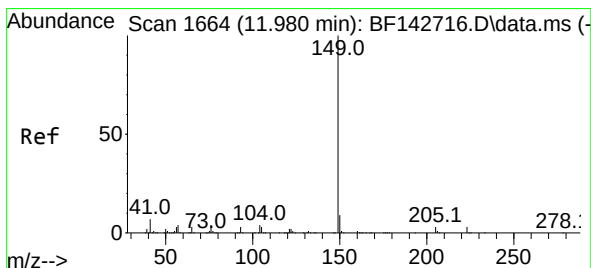
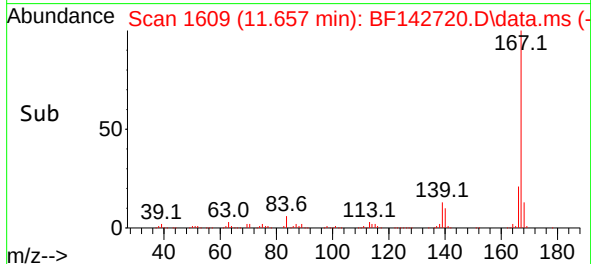
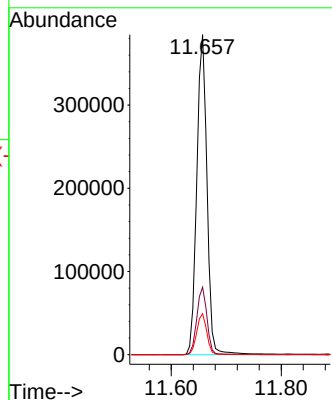
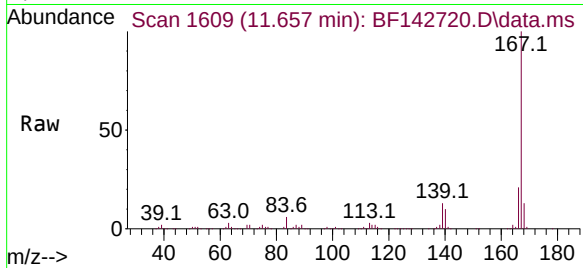




#73
 Carbazole
 Concen: 43.010 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF142720.D
 Acq: 10 Jun 2025 20:49

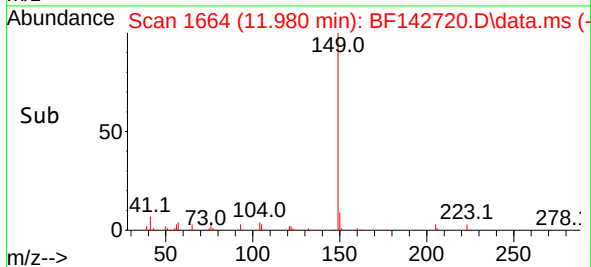
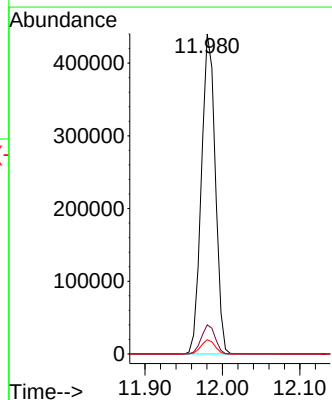
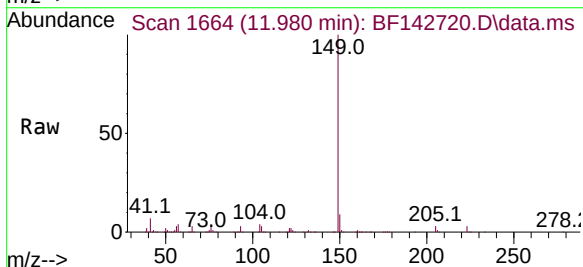
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061125

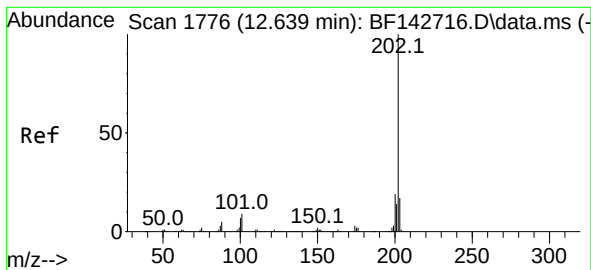
Tgt Ion:167 Resp: 497969
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 12.8 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 42.379 ng
 RT: 11.980 min Scan# 1664
 Delta R.T. -0.000 min
 Lab File: BF142720.D
 Acq: 10 Jun 2025 20:49

Tgt Ion:149 Resp: 547884
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 4.5 3.4 5.2





#75

Fluoranthene

Concen: 40.746 ng

RT: 12.639 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

Instrument :

BNA_F

ClientSampleId :

ICVBF061125

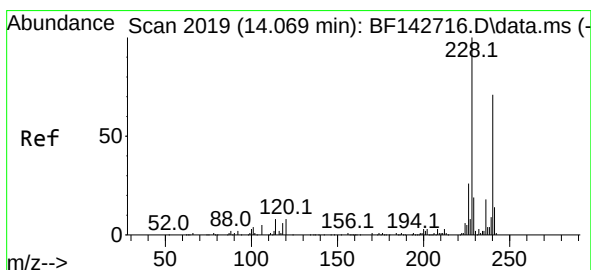
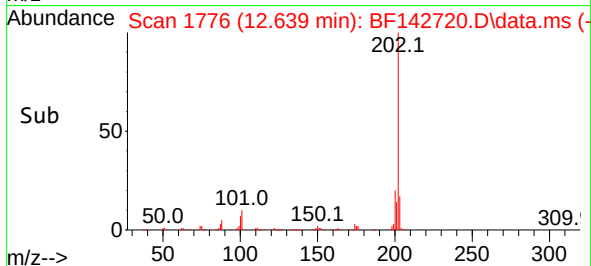
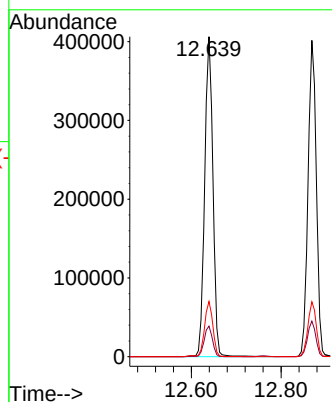
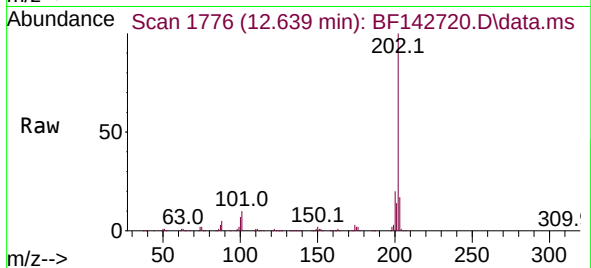
Tgt Ion:202 Resp: 517997

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.5

203 17.3 0.0 37.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

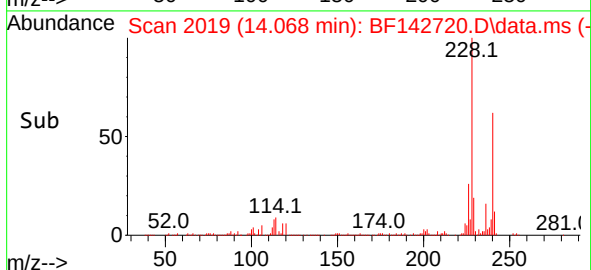
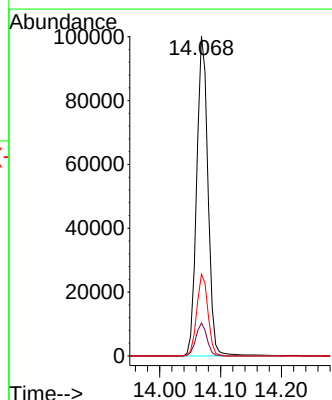
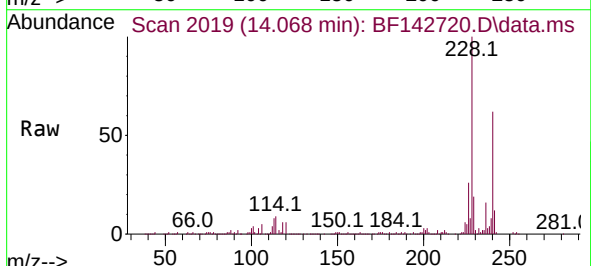
Tgt Ion:240 Resp: 129150

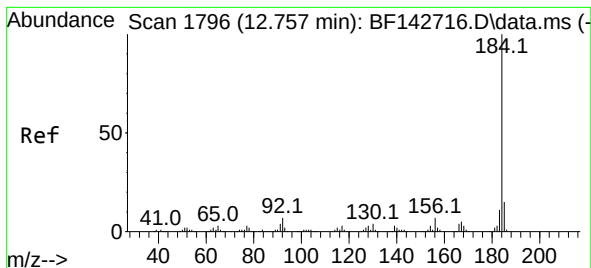
Ion Ratio Lower Upper

240 100

120 10.3 8.5 12.7

236 25.6 20.1 30.1





#77

Benzidine

Concen: 48.599 ng

RT: 12.757 min Scan# 1796

Delta R.T. -0.000 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

Instrument :

BNA_F

ClientSampleId :

ICVBF061125

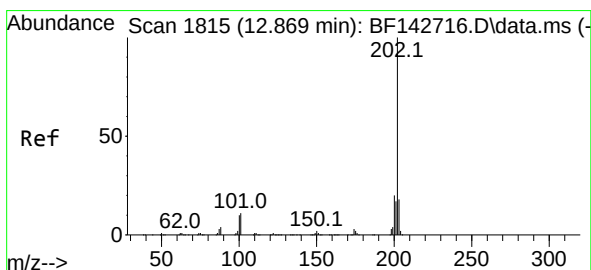
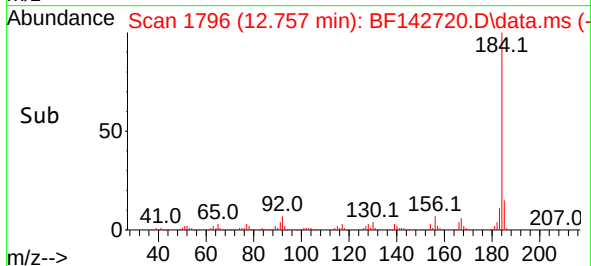
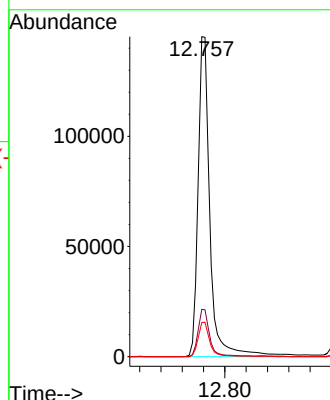
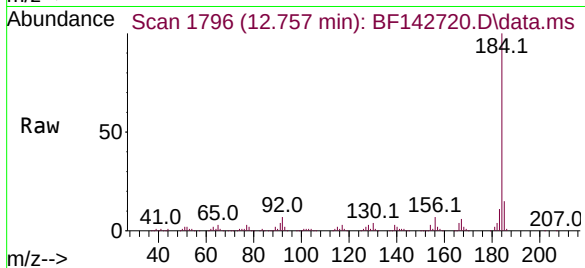
Tgt Ion:184 Resp: 223533

Ion Ratio Lower Upper

184 100

185 14.8 11.7 17.5

183 10.7 8.6 12.8



#78

Pyrene

Concen: 42.968 ng

RT: 12.869 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

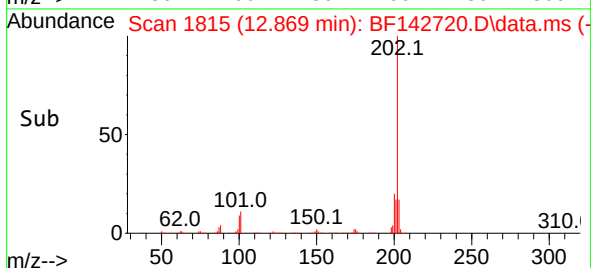
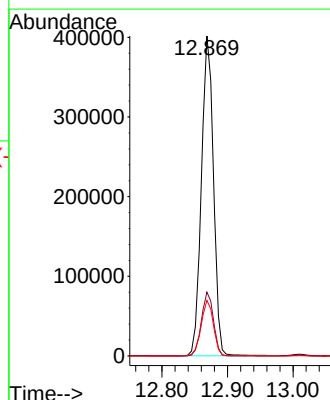
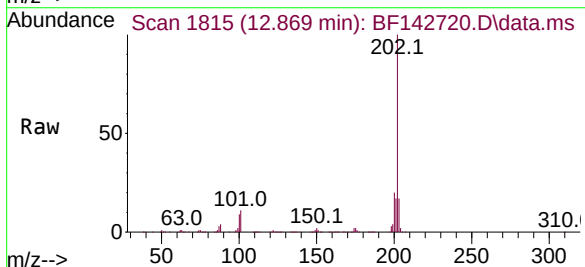
Tgt Ion:202 Resp: 515693

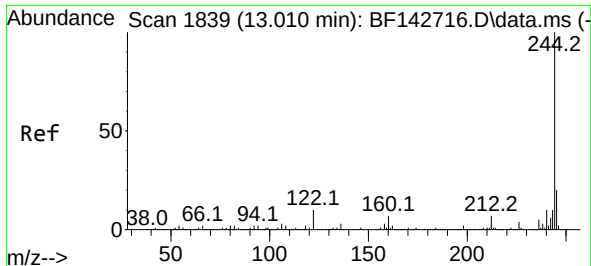
Ion Ratio Lower Upper

202 100

200 20.0 15.8 23.8

203 17.3 14.1 21.1

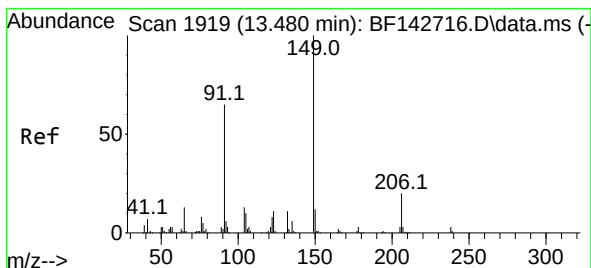
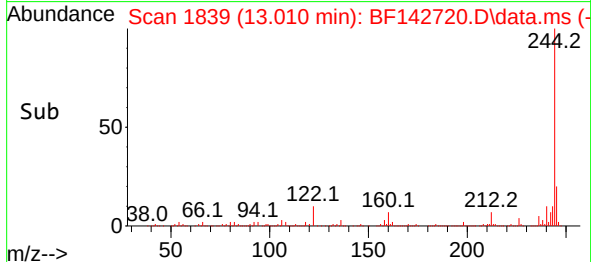
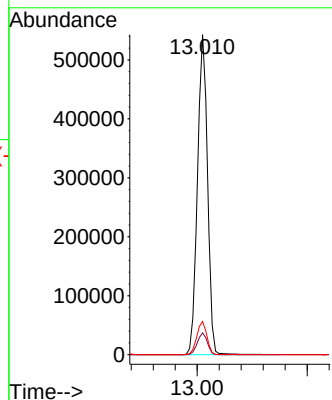
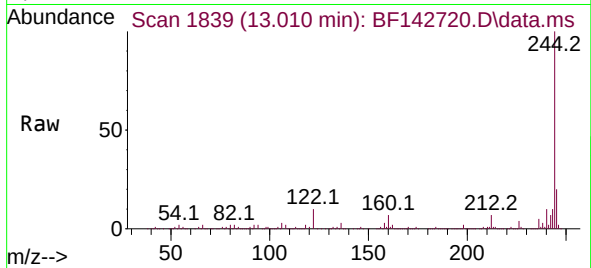




#79
 Terphenyl-d14
 Concen: 73.446 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF142720.D
 Acq: 10 Jun 2025 20:49

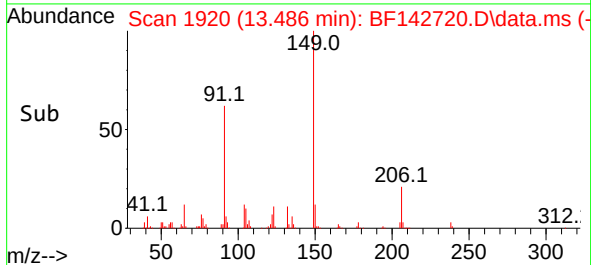
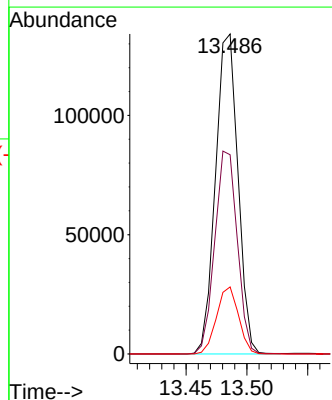
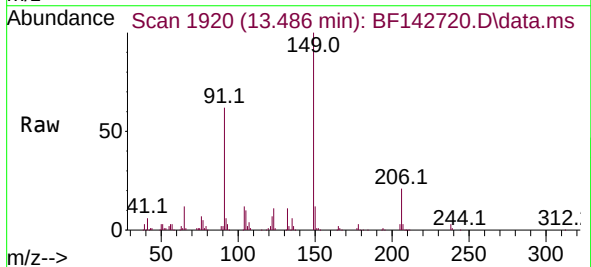
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061125

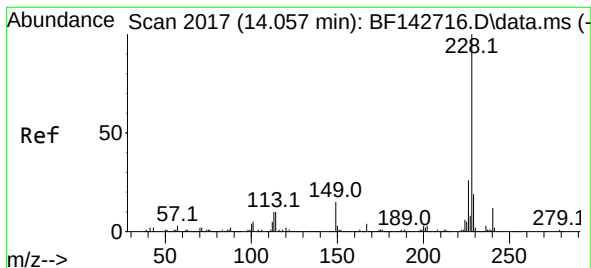
Tgt Ion:244 Resp: 690646
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.3 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 48.561 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. 0.006 min
 Lab File: BF142720.D
 Acq: 10 Jun 2025 20:49

Tgt Ion:149 Resp: 172349
 Ion Ratio Lower Upper
 149 100
 91 62.3 52.3 78.5
 206 21.0 16.0 24.0





#81

Benzo(a)anthracene

Concen: 45.643 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

Instrument :

BNA_F

ClientSampleId :

ICVBF061125

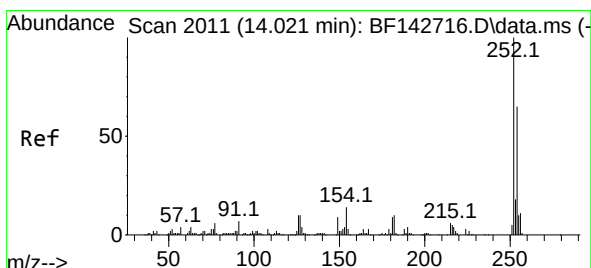
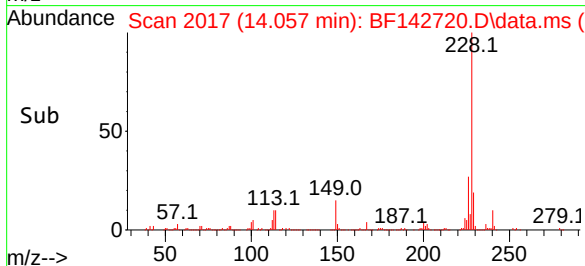
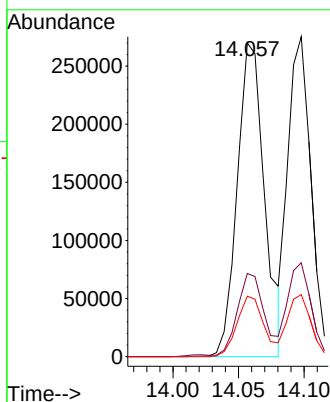
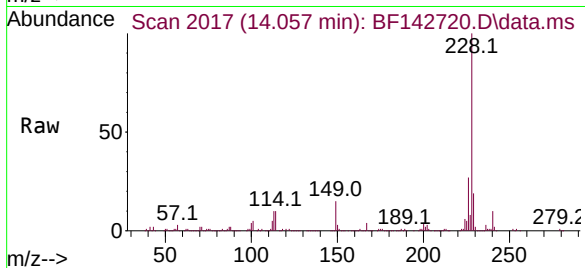
Tgt Ion:228 Resp: 390623

Ion Ratio Lower Upper

228 100

226 26.5 21.0 31.4

229 19.3 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 46.382 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

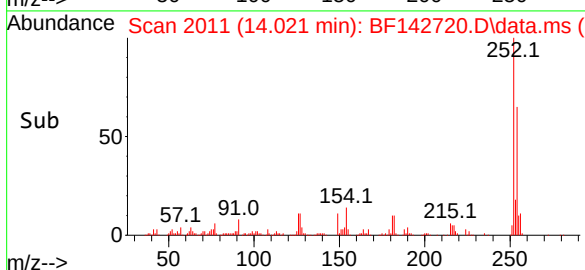
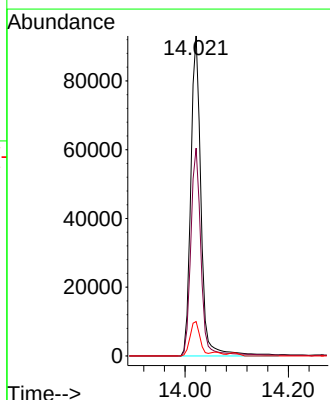
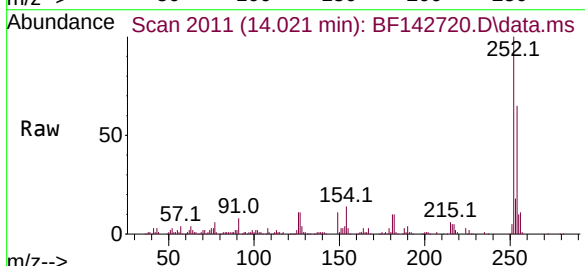
Tgt Ion:252 Resp: 128006

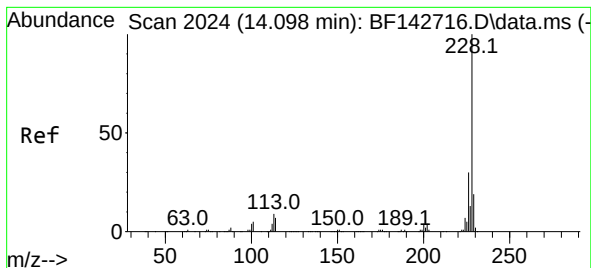
Ion Ratio Lower Upper

252 100

254 65.0 51.8 77.6

126 10.8 8.1 12.1





#83

Chrysene

Concen: 43.522 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

Instrument :

BNA_F

ClientSampleId :

ICVBF061125

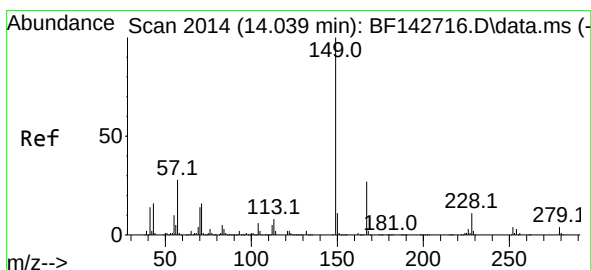
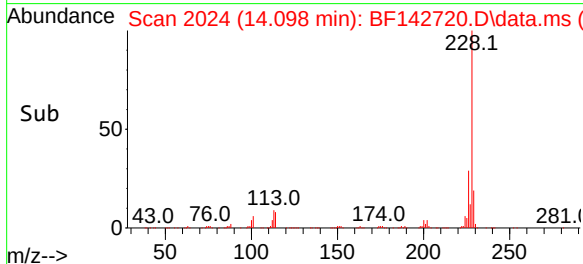
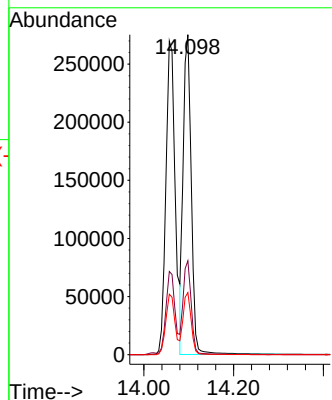
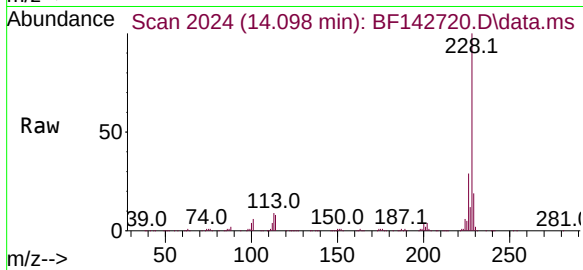
Tgt Ion:228 Resp: 343895

Ion Ratio Lower Upper

228 100

226 29.3 23.6 35.4

229 19.4 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.747 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

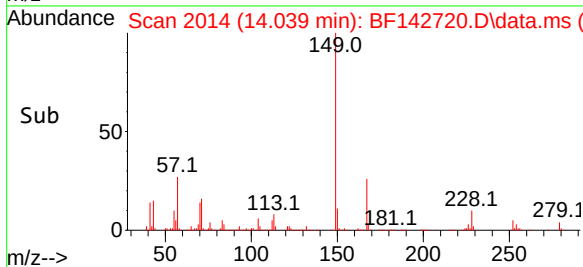
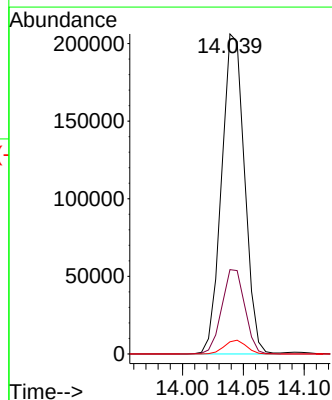
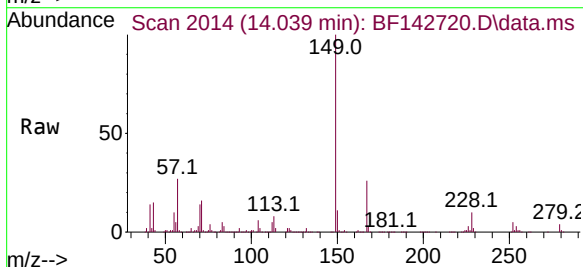
Tgt Ion:149 Resp: 270293

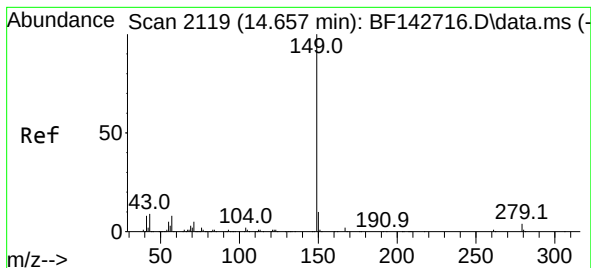
Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.2

279 3.8 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 49.022 ng

RT: 14.657 min Scan# 2119

Delta R.T. -0.000 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

Instrument :

BNA_F

ClientSampleId :

ICVBF061125

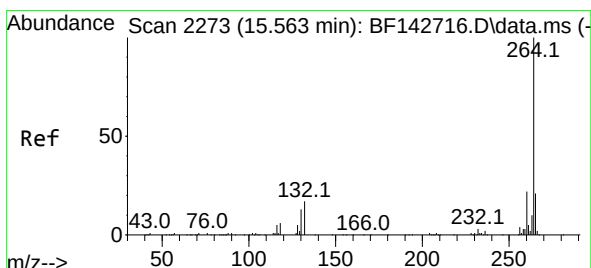
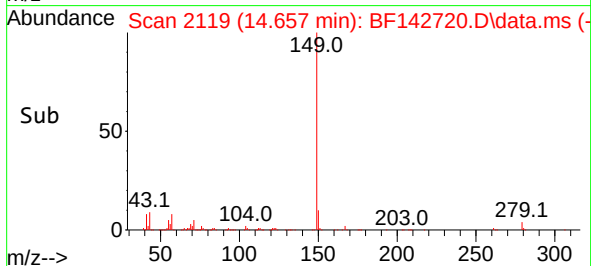
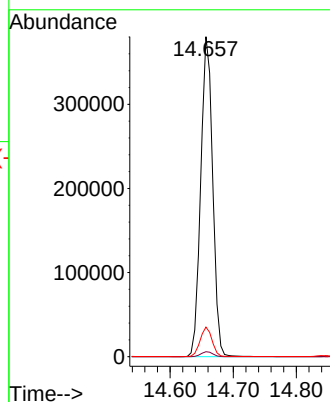
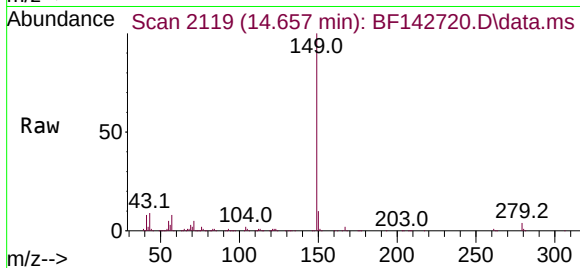
Tgt Ion:149 Resp: 500941

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.4 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.000 min

Lab File: BF142720.D

Acq: 10 Jun 2025 20:49

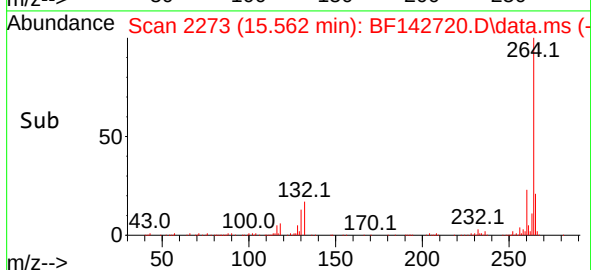
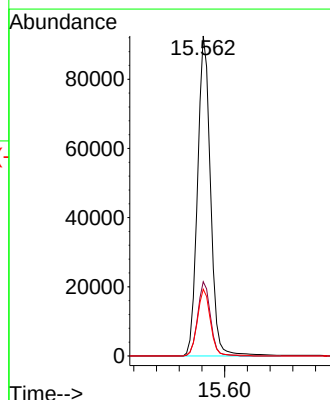
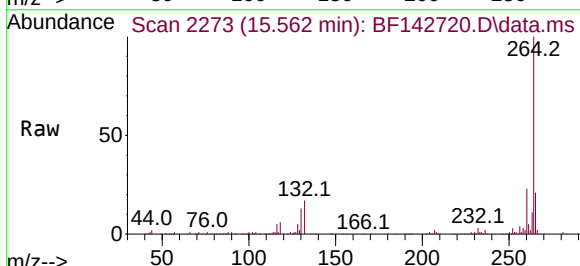
Tgt Ion:264 Resp: 147247

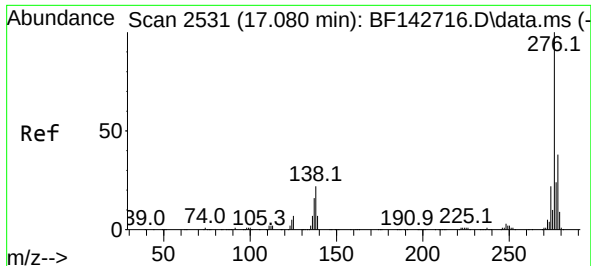
Ion Ratio Lower Upper

264 100

260 23.2 17.8 26.6

265 20.9 16.6 25.0

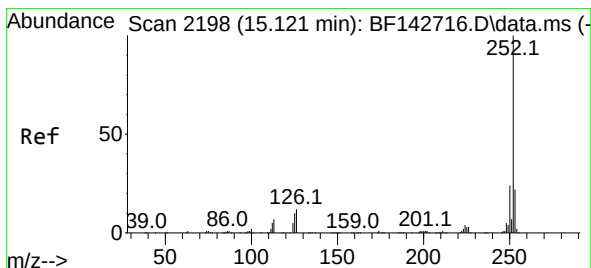
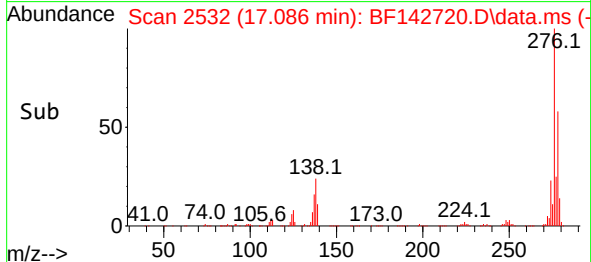
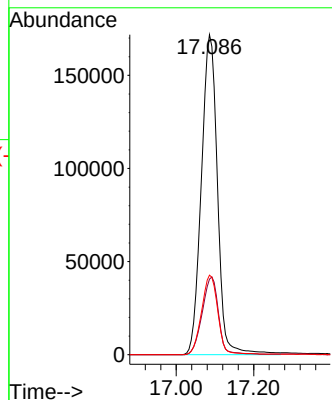
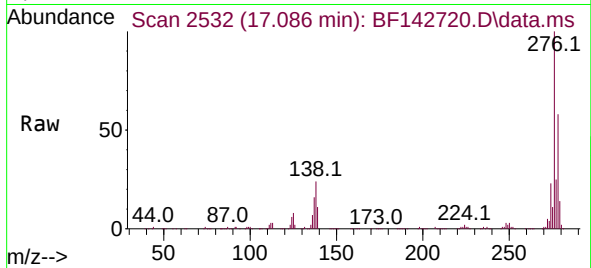




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.483 ng
 RT: 17.086 min Scan# 2198
 Delta R.T. 0.006 min
 Lab File: BF142720.D
 Acq: 10 Jun 2025 20:49

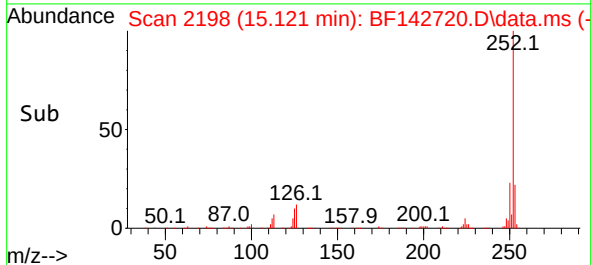
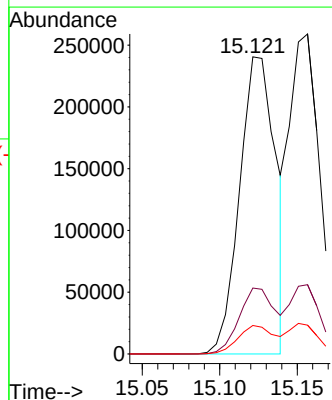
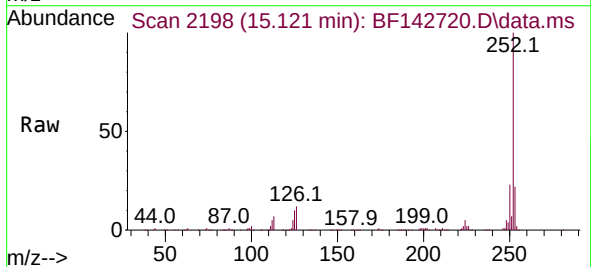
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061125

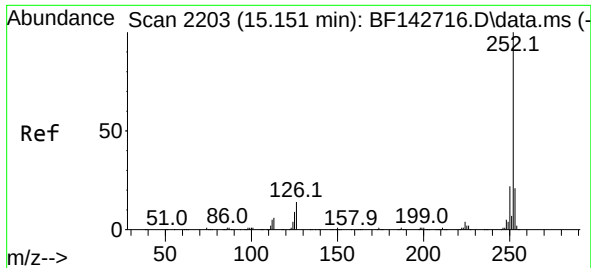
Tgt Ion:276 Resp: 496299
 Ion Ratio Lower Upper
 276 100
 138 24.6 19.3 28.9
 277 25.1 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 45.005 ng
 RT: 15.121 min Scan# 2198
 Delta R.T. -0.000 min
 Lab File: BF142720.D
 Acq: 10 Jun 2025 20:49

Tgt Ion:252 Resp: 390203
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.7 26.5
 125 9.6 7.8 11.6

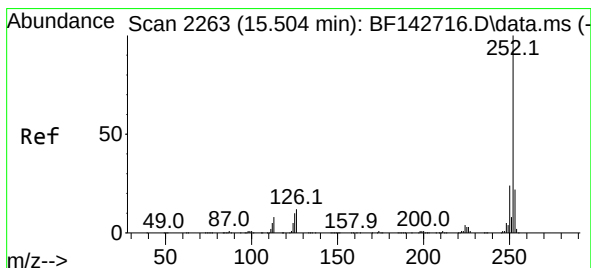
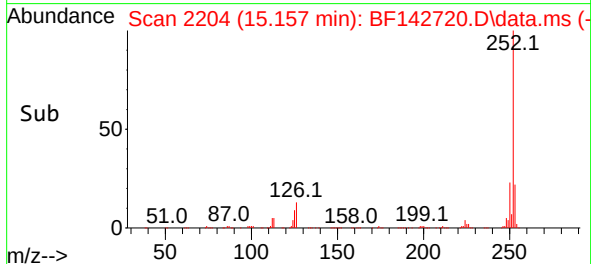
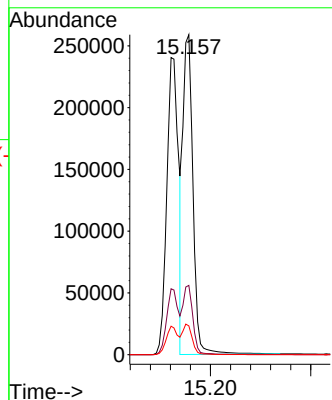
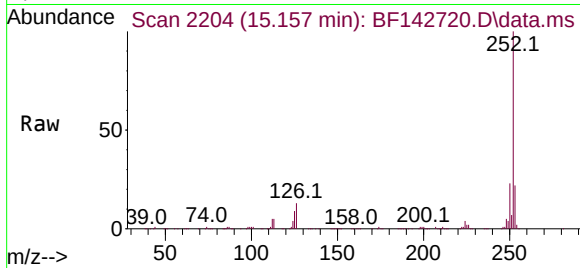




#89
Benzo(k)fluoranthene
Concen: 43.126 ng
RT: 15.157 min Scan# 2204
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

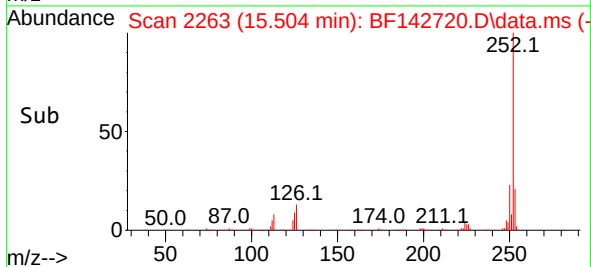
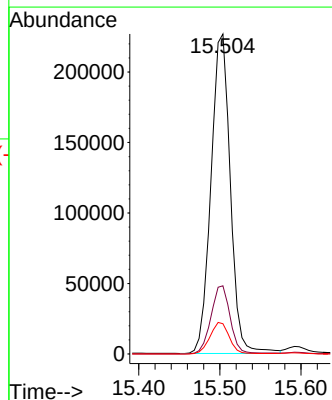
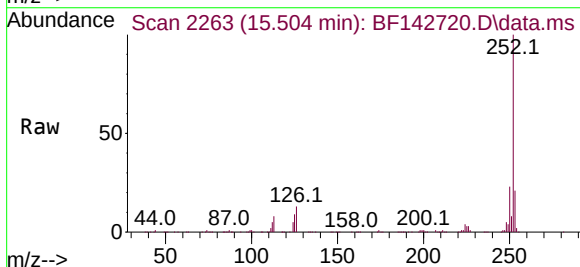
Instrument :
BNA_F
ClientSampleId :
ICVBF061125

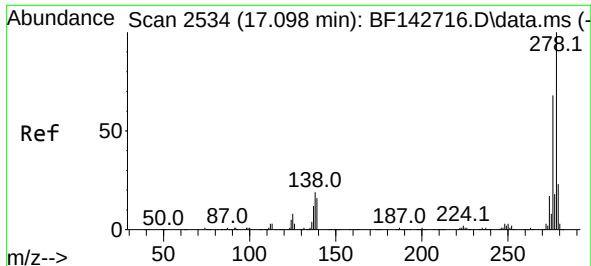
Tgt Ion:252 Resp: 362789
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 9.0 7.5 11.3



#90
Benzo(a)pyrene
Concen: 45.514 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:252 Resp: 375192
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 9.4 8.0 12.0

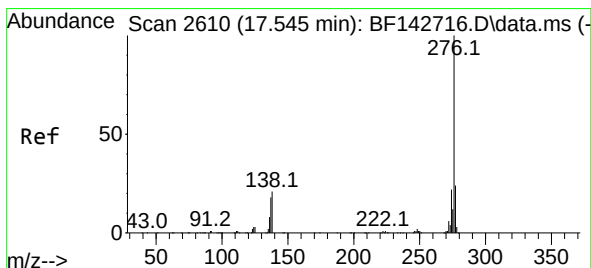
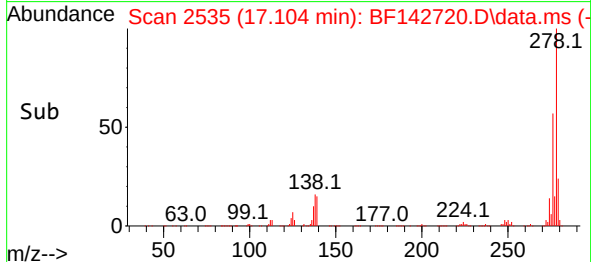
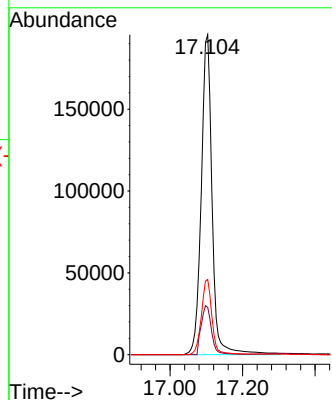
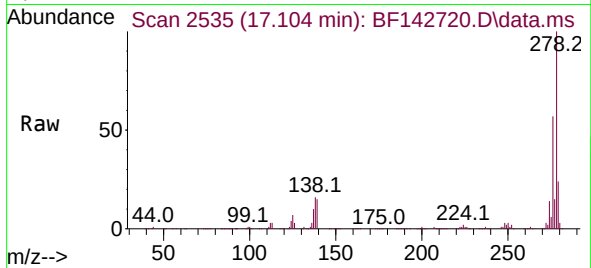




#91
Dibenzo(a,h)anthracene
Concen: 45.694 ng
RT: 17.104 min Scan# 2535
Delta R.T. 0.006 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Tgt Ion:278 Resp: 407127
Ion Ratio Lower Upper
278 100
139 14.8 12.8 19.2
279 23.5 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 45.103 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.000 min
Lab File: BF142720.D
Acq: 10 Jun 2025 20:49

Tgt Ion:276 Resp: 399606
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 20.9 16.4 24.6

