

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142728.D
 Acq On : 11 Jun 2025 11:50
 Operator : RC/JU
 Sample : PB168285BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 11 12:17:59 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	6.893	152	79958	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	304653	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	167586	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	281985	20.000	ng	0.00
76) Chrysene-d12	14.069	240	148975	20.000	ng	0.00
86) Perylene-d12	15.563	264	159540	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	584593	124.521	ng	0.02
7) Phenol-d6	6.528	99	699315	126.573	ng	0.00
23) Nitrobenzene-d5	7.457	82	442271	79.449	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	236790	128.920	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	979443	77.646	ng	0.00
79) Terphenyl-d14	13.010	244	859457	79.236	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	67790	36.486	ng	99
3) Pyridine	3.522	79	187784	40.309	ng	99
4) n-Nitrosodimethylamine	3.481	42	106761	44.791	ng	98
6) Aniline	6.557	93	235031	31.783	ng	95
8) 2-Chlorophenol	6.681	128	235077	45.820	ng	98
9) Benzaldehyde	6.446	77	108698	31.769	ng	96
10) Phenol	6.540	94	271535	44.215	ng	95
11) bis(2-Chloroethyl)ether	6.628	93	203412	44.344	ng	99
12) 1,3-Dichlorobenzene	6.834	146	252496	43.125	ng	99
13) 1,4-Dichlorobenzene	6.910	146	254095	42.942	ng	99
14) 1,2-Dichlorobenzene	7.063	146	244725	43.146	ng	99
15) Benzyl Alcohol	7.034	79	189979	45.494	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	308921	42.774	ng	98
17) 2-Methylphenol	7.146	107	181748	46.210	ng	99
18) Hexachloroethane	7.404	117	91334	43.071	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	153317	43.589	ng	100
20) 3+4-Methylphenols	7.298	107	228375	46.057	ng	98
22) Acetophenone	7.304	105	305840	45.131	ng	98
24) Nitrobenzene	7.481	77	224388	45.417	ng	100
25) Isophorone	7.716	82	421864	44.759	ng	99
26) 2-Nitrophenol	7.793	139	128129	46.469	ng	99
27) 2,4-Dimethylphenol	7.828	122	217370	46.303	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	264684	45.231	ng	100
29) 2,4-Dichlorophenol	8.040	162	204043	47.097	ng	97
30) 1,2,4-Trichlorobenzene	8.116	180	216097	45.139	ng	100
31) Naphthalene	8.198	128	674474	44.765	ng	99
32) Benzoic acid	7.957	122	136622	51.676	ng	99
33) 4-Chloroaniline	8.245	127	86856	14.357	ng	99
34) Hexachlorobutadiene	8.316	225	134005	43.926	ng	99
35) Caprolactam	8.622	113	34825	29.779	ng	99
36) 4-Chloro-3-methylphenol	8.734	107	206170	45.766	ng	99
37) 2-Methylnaphthalene	8.892	142	428144	44.895	ng	99
38) 1-Methylnaphthalene	8.992	142	441163	44.655	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	216872	44.712	ng	99
41) Hexachlorocyclopentadiene	9.045	237	293138	94.162	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	148294	47.231	ng	99

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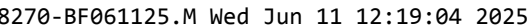
Instrument :
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 ClientSampleId :

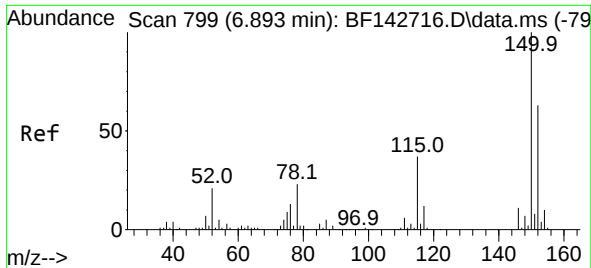
Quant Time: Jun 11 12:17:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	155805	45.944	ng	97
46) 1,1'-Biphenyl	9.357	154	586146	45.042	ng	100
47) 2-Chloronaphthalene	9.381	162	434176	45.287	ng	100
48) 2-Nitroaniline	9.481	65	123837	45.415	ng	95
49) Acenaphthylene	9.798	152	733996	45.406	ng	100
50) Dimethylphthalate	9.657	163	522022	46.646	ng	100
51) 2,6-Dinitrotoluene	9.722	165	111554	46.122	ng	95
52) Acenaphthene	9.975	154	499655	49.852	ng	99
53) 3-Nitroaniline	9.886	138	67107	25.580	ng	98
54) 2,4-Dinitrophenol	9.998	184	142845	107.815	ng	93
55) Dibenzofuran	10.145	168	638399	44.730	ng	100
56) 4-Nitrophenol	10.057	139	172443	96.918	ng	97
57) 2,4-Dinitrotoluene	10.128	165	152297	47.624	ng	98
58) Fluorene	10.486	166	503700	44.691	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	131356	46.041	ng	99
60) Diethylphthalate	10.357	149	516838	46.575	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	248444	45.137	ng	99
62) 4-Nitroaniline	10.510	138	109301	46.571	ng	98
63) Azobenzene	10.639	77	441139	45.518	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	86177	48.802	ng	98
66) n-Nitrosodiphenylamine	10.598	169	437418	45.128	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	150357	45.172	ng	98
68) Hexachlorobenzene	11.033	284	164704	44.578	ng	98
69) Atrazine	11.122	200	128706	49.805	ng	100
70) Pentachlorophenol	11.233	266	179040	92.443	ng	97
71) Phenanthrene	11.451	178	678589	44.919	ng	100
72) Anthracene	11.504	178	702094	44.926	ng	100
73) Carbazole	11.657	167	601663	45.988	ng	99
74) Di-n-butylphthalate	11.980	149	699562	47.886	ng	99
75) Fluoranthene	12.639	202	645627	44.944	ng	99
77) Benzidine	12.763	184	172676	32.546	ng	98
78) Pyrene	12.875	202	631683	45.628	ng	99
80) Butylbenzylphthalate	13.486	149	206062	50.334	ng	98
81) Benzo(a)anthracene	14.057	228	469680	47.577	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	70698	22.208	ng	100
83) Chrysene	14.098	228	408413	44.809	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	298050	48.511	ng	99
85) Di-n-octyl phthalate	14.657	149	555755	47.148	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	547077	46.273	ng	100
88) Benzo(b)fluoranthene	15.127	252	436349	46.450	ng	99
89) Benzo(k)fluoranthene	15.157	252	431458	47.337	ng	100
90) Benzo(a)pyrene	15.504	252	424339	47.509	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	449495	46.562	ng	100
92) Benzo(g,h,i)perylene	17.551	276	437957	45.623	ng	100

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

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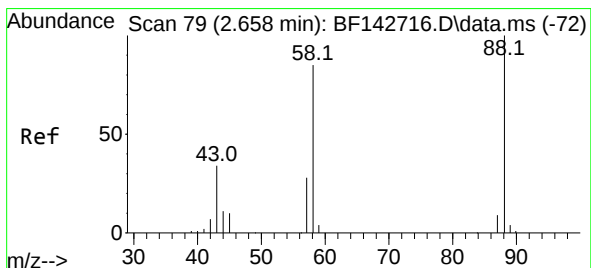
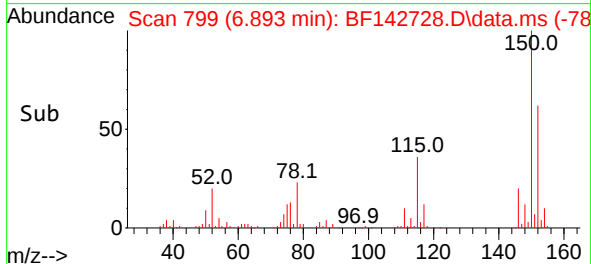
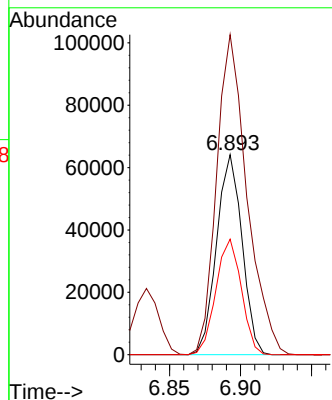
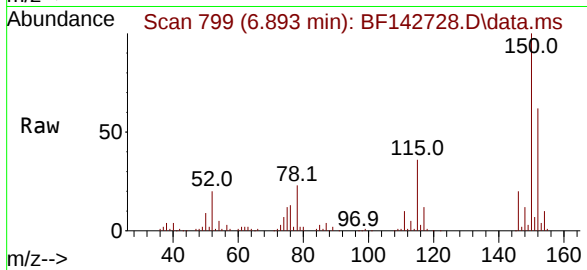




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: BF142728.D
 Acq: 11 Jun 2025 11:50

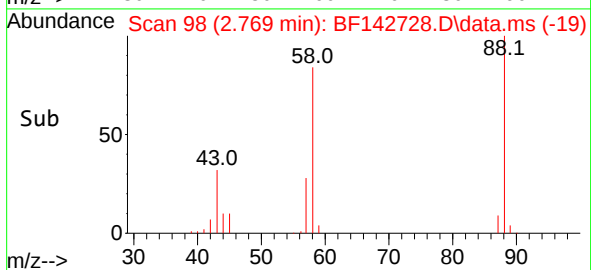
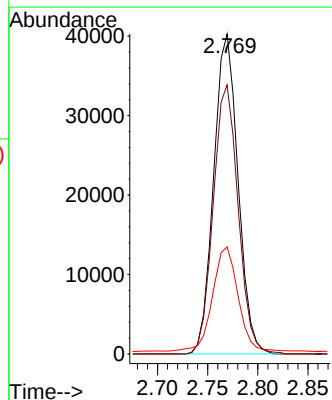
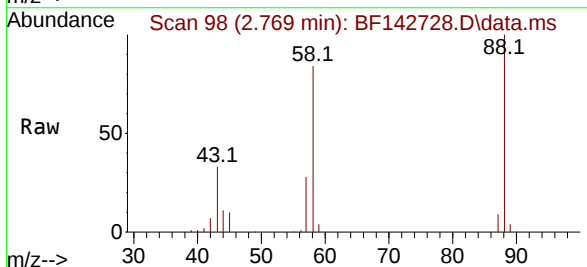
Instrument :
 BNA_F
 ClientSampleId :

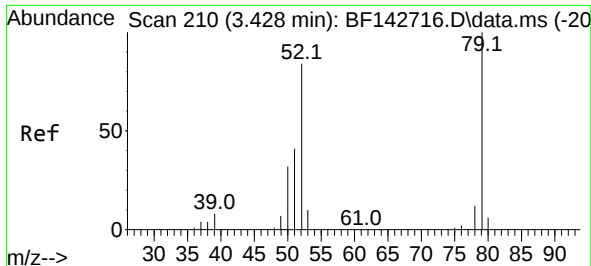
Tgt Ion:152 Resp: 79958
 Ion Ratio Lower Upper
 152 100
 150 160.0 126.9 190.3
 115 57.8 47.0 70.6



#2
 1,4-Dioxane
 Concen: 36.486 ng
 RT: 2.769 min Scan# 98
 Delta R.T. 0.112 min
 Lab File: BF142728.D
 Acq: 11 Jun 2025 11:50

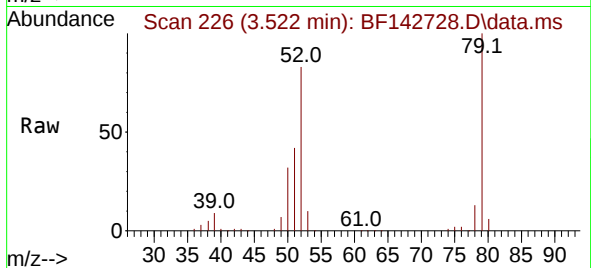
Tgt Ion: 88 Resp: 67790
 Ion Ratio Lower Upper
 88 100
 58 86.1 68.4 102.6
 43 35.2 27.0 40.6



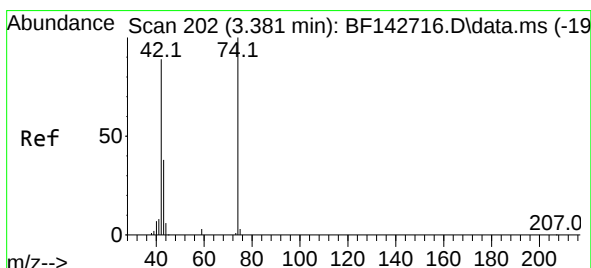
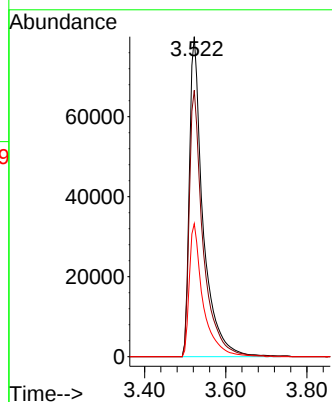
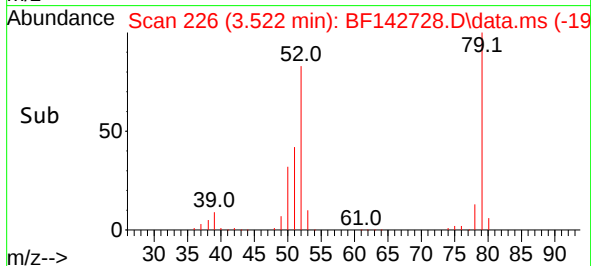


#3
Pyridine
Concen: 40.309 ng
RT: 3.522 min Scan# 210
Delta R.T. 0.094 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

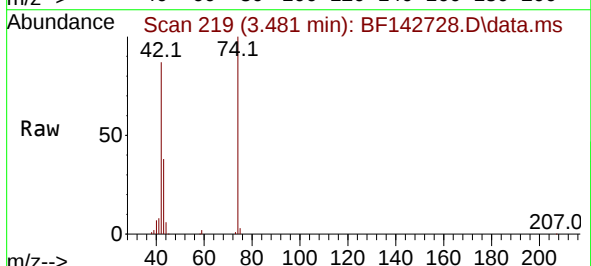
Instrument :
BNA_F
ClientSampleId :



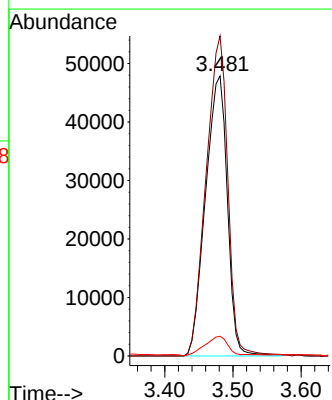
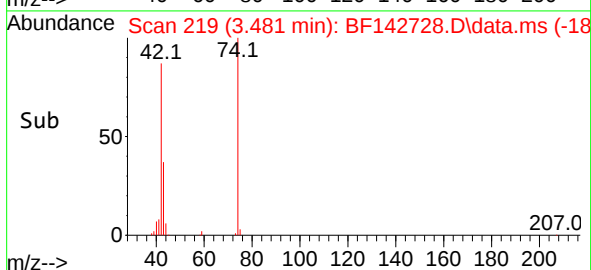
Tgt Ion: 79 Resp: 187784
Ion Ratio Lower Upper
79 100
52 83.3 67.1 100.7
51 41.6 32.6 48.8

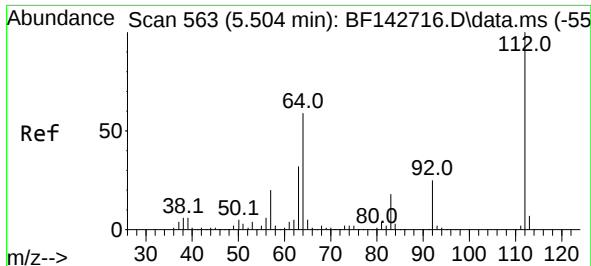


#4
n-Nitrosodimethylamine
Concen: 44.791 ng
RT: 3.481 min Scan# 219
Delta R.T. 0.100 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50



Tgt Ion: 42 Resp: 106761
Ion Ratio Lower Upper
42 100
74 114.3 89.6 134.4
44 7.1 5.4 8.2

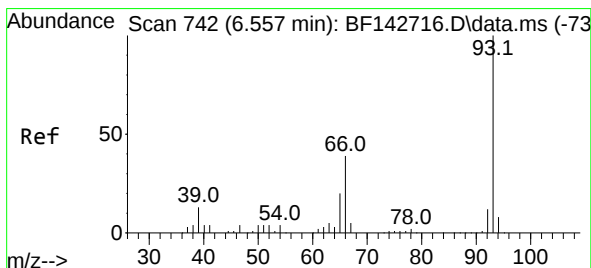
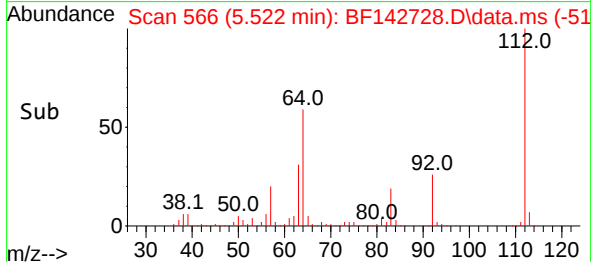
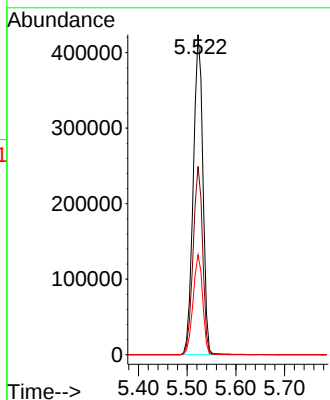
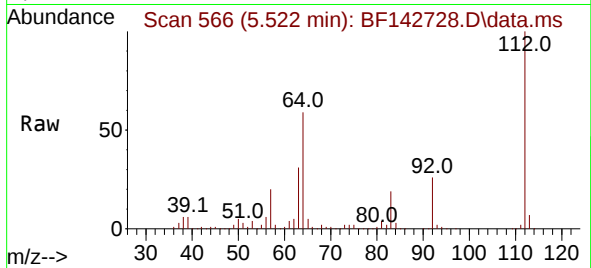




#5
2-Fluorophenol
Concen: 124.521 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

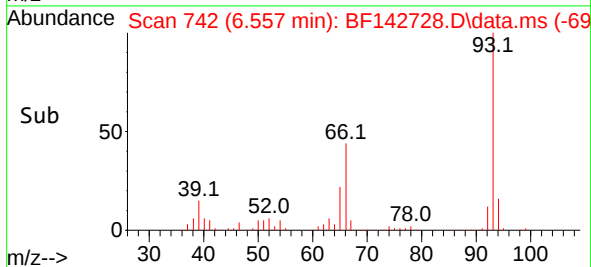
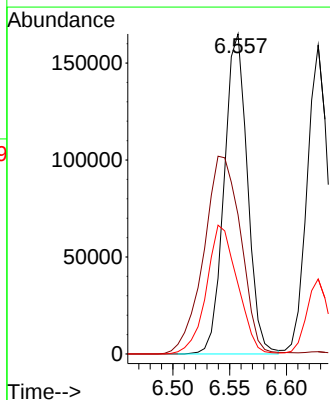
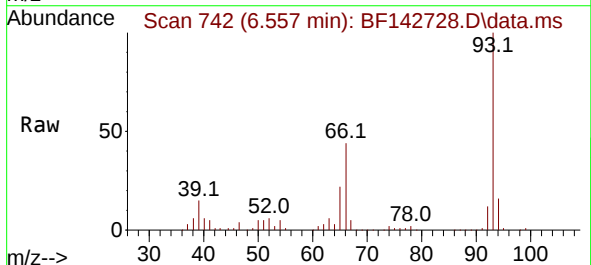
Instrument :
BNA_F
ClientSampleId :

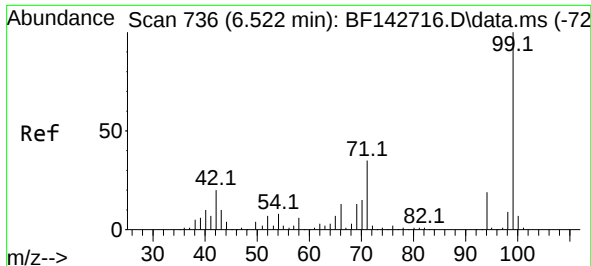
Tgt Ion:112 Resp: 584593
Ion Ratio Lower Upper
112 100
64 58.8 47.4 71.2
63 31.2 25.4 38.0



#6
Aniline
Concen: 31.783 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion: 93 Resp: 235031
Ion Ratio Lower Upper
93 100
66 43.5 32.0 48.0
65 21.8 16.1 24.1

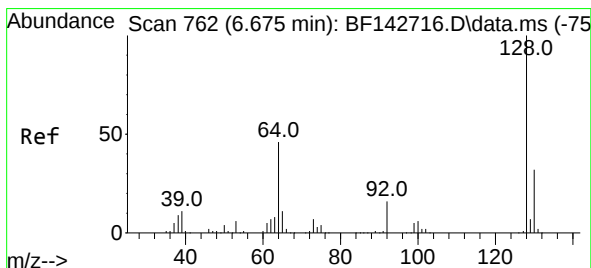
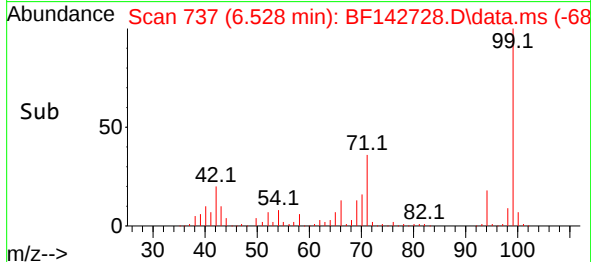
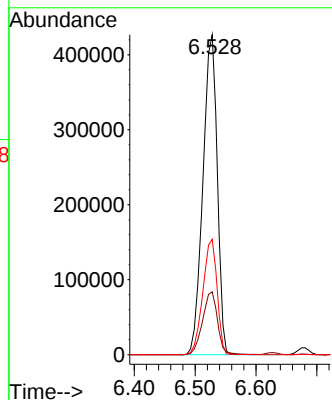
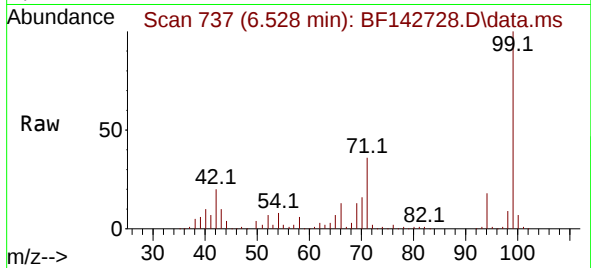




#7
Phenol-d6
Concen: 126.573 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

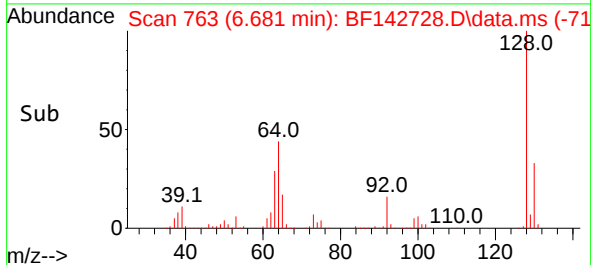
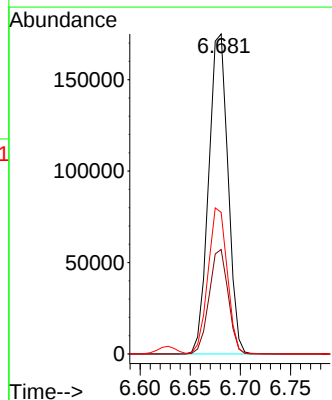
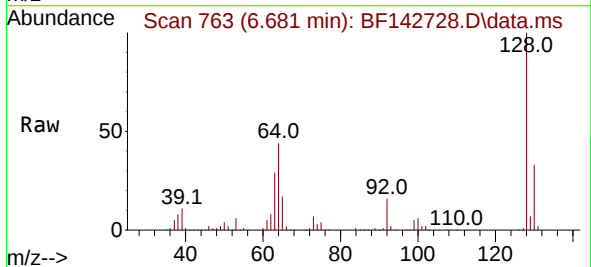
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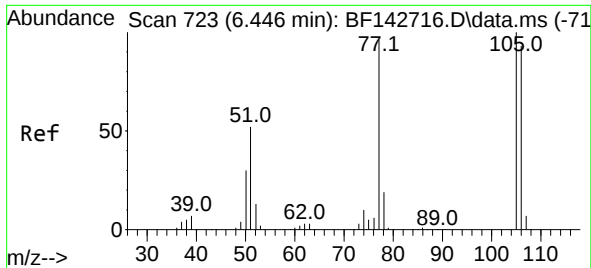
Tgt Ion: 99 Resp: 699315
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 36.0 28.0 42.0



#8
2-Chlorophenol
Concen: 45.820 ng
RT: 6.681 min Scan# 763
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:128 Resp: 235077
Ion Ratio Lower Upper
128 100
130 32.7 12.4 52.4
64 44.3 26.5 66.5





#9

Benzaldehyde

Concen: 31.769 ng

RT: 6.446 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Instrument :

BNA_F

ClientSampleId :

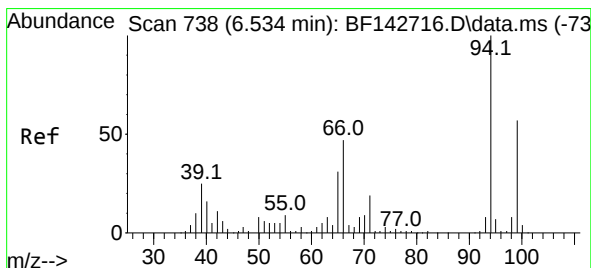
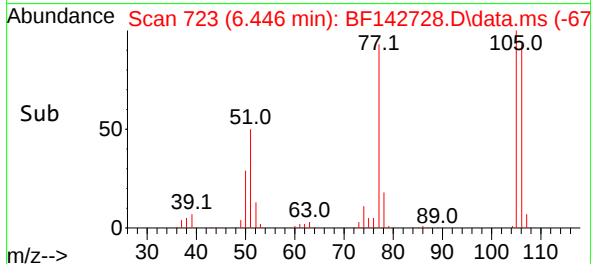
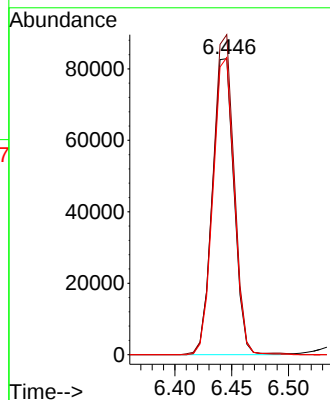
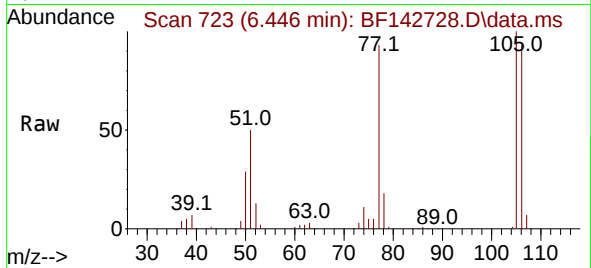
Tgt Ion: 77 Resp: 108698

Ion Ratio Lower Upper

77 100

105 108.1 84.1 124.1

106 100.4 77.2 117.2



#10

Phenol

Concen: 44.215 ng

RT: 6.540 min Scan# 739

Delta R.T. 0.006 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

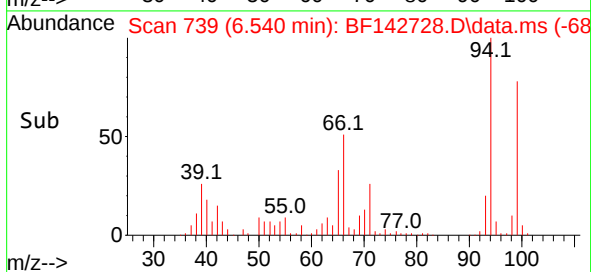
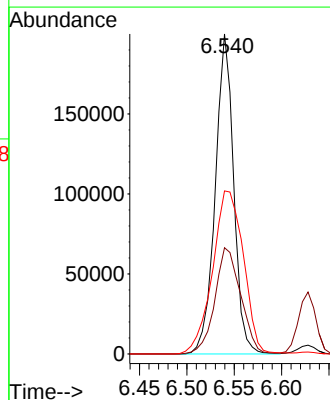
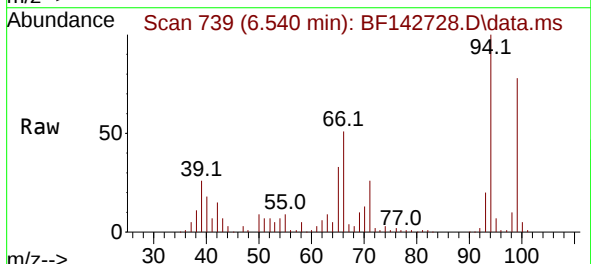
Tgt Ion: 94 Resp: 271535

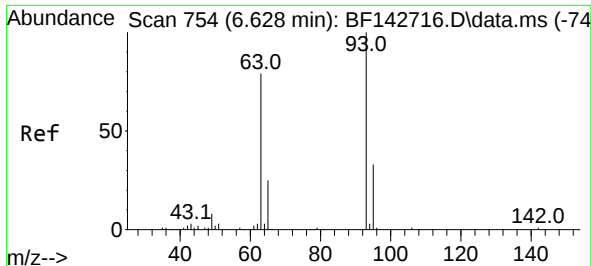
Ion Ratio Lower Upper

94 100

65 33.2 11.4 51.4

66 51.0 26.7 66.7

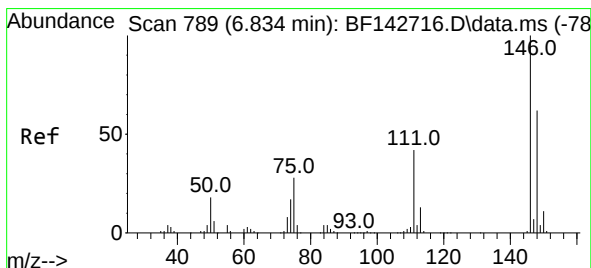
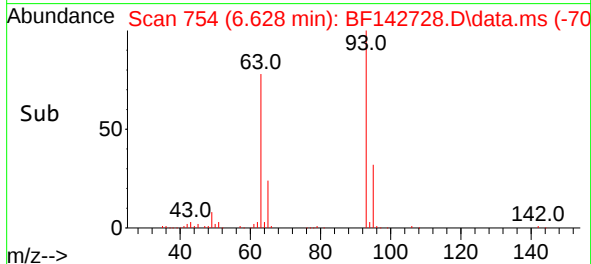
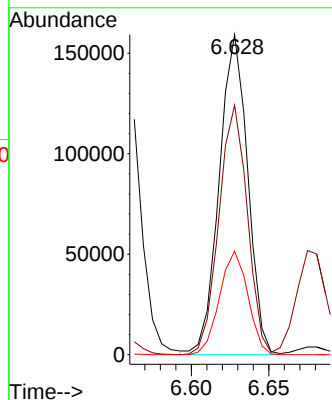
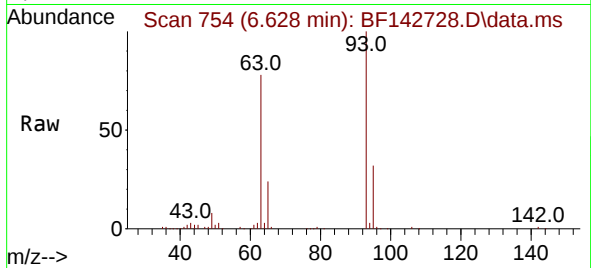




#11
bis(2-Chloroethyl)ether
Concen: 44.344 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

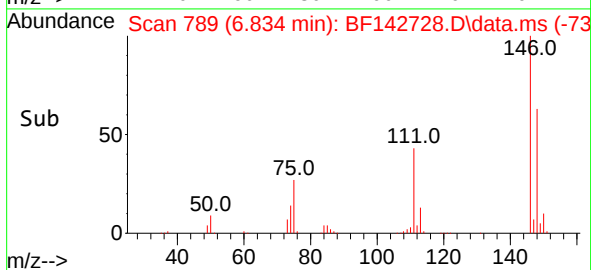
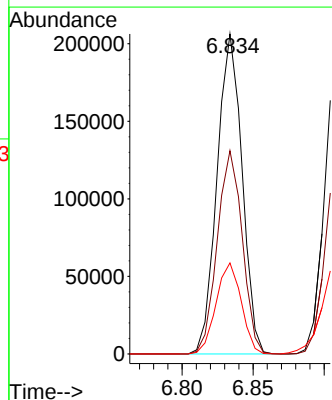
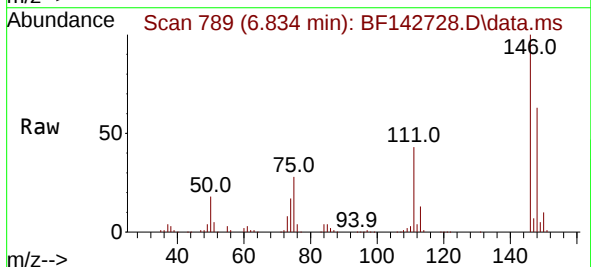
Instrument :
BNA_F
ClientSampleId :

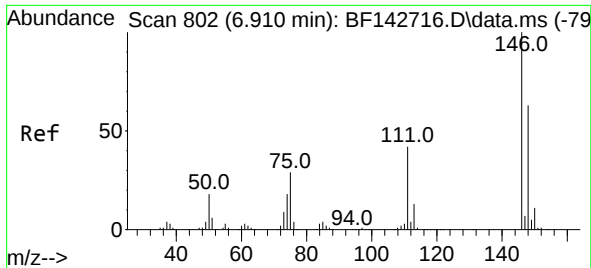
Tgt Ion: 93 Resp: 203412
Ion Ratio Lower Upper
93 100
63 78.0 58.3 98.3
95 32.4 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 43.125 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

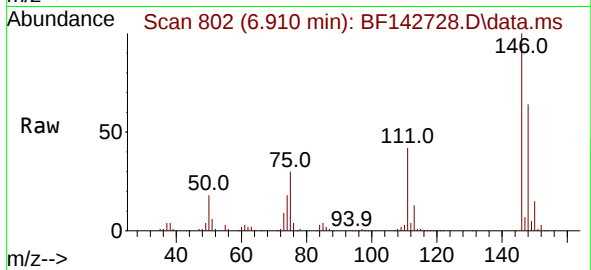
Tgt Ion:146 Resp: 252496
Ion Ratio Lower Upper
146 100
148 63.5 49.9 74.9
75 28.5 22.6 34.0



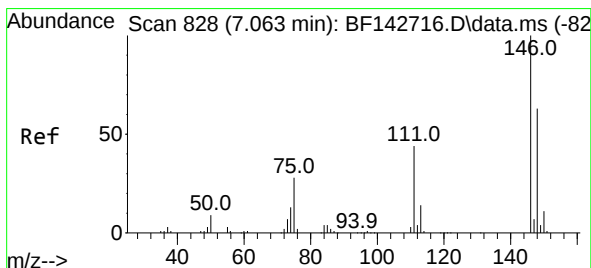
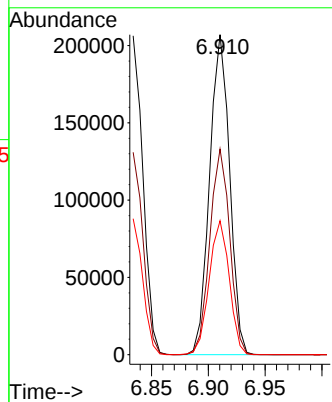
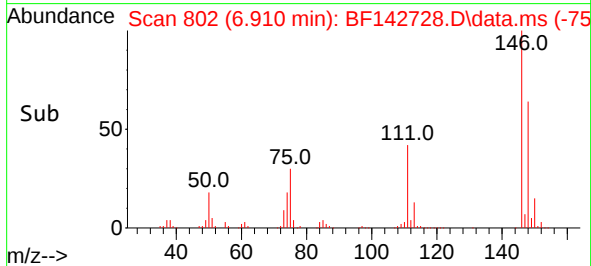


#13
1,4-Dichlorobenzene
Concen: 42.942 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

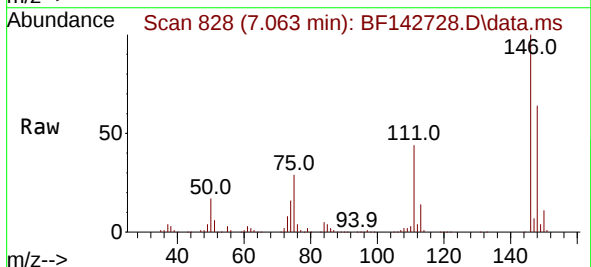
Instrument :
BNA_F
ClientSampleId :



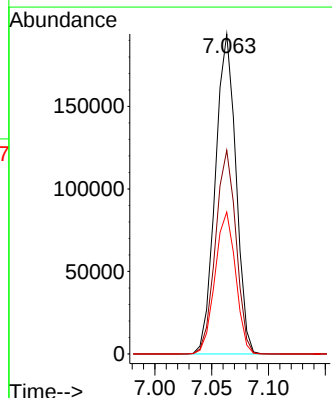
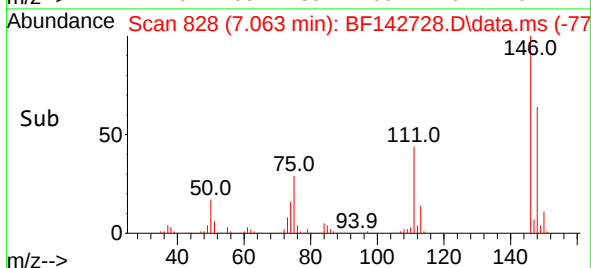
Tgt Ion:146 Resp: 254095
Ion Ratio Lower Upper
146 100
148 64.2 50.5 75.7
111 41.9 33.6 50.4

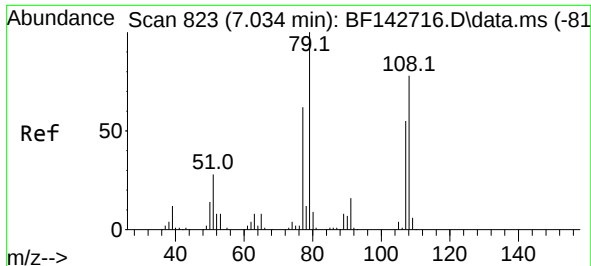


#14
1,2-Dichlorobenzene
Concen: 43.146 ng
RT: 7.063 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50



Tgt Ion:146 Resp: 244725
Ion Ratio Lower Upper
146 100
148 63.7 50.4 75.6
111 44.4 35.2 52.8

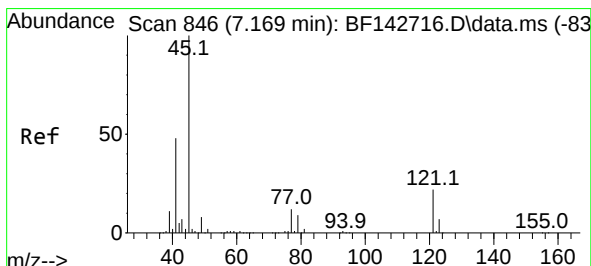
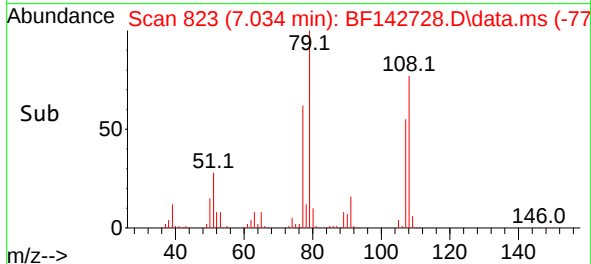
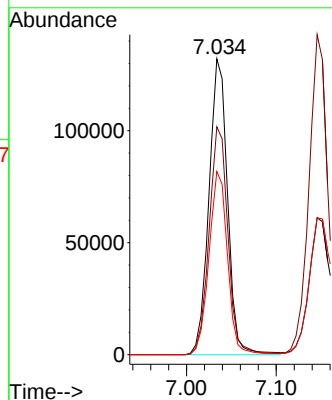
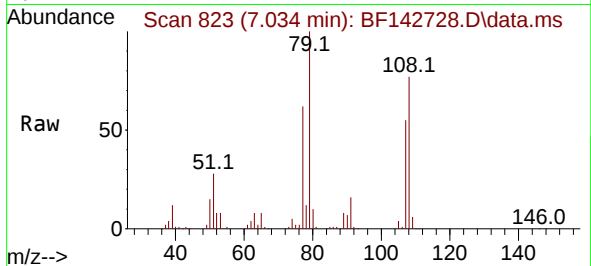




#15
Benzyl Alcohol
Concen: 45.494 ng
RT: 7.034 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

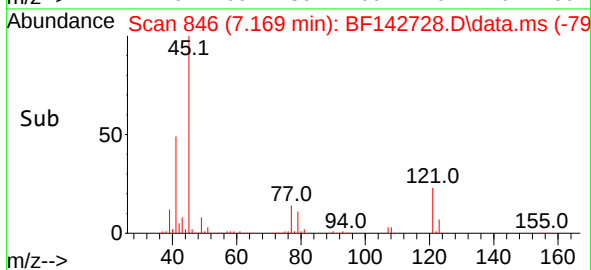
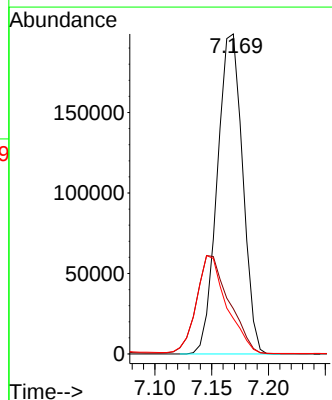
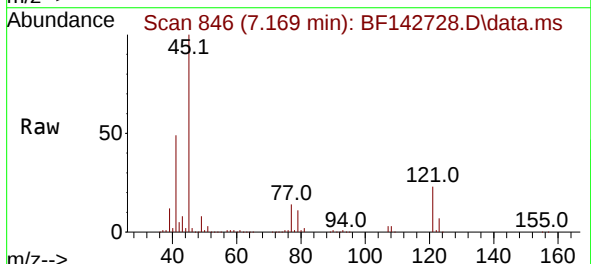
Instrument :
BNA_F
ClientSampleId :

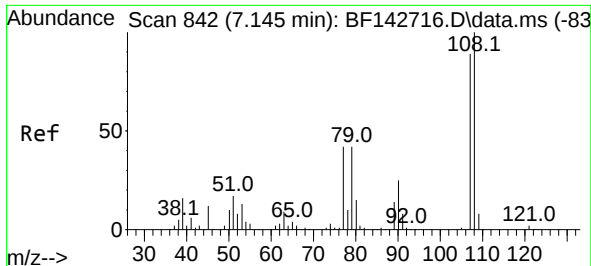
Tgt Ion: 79 Resp: 189979
Ion Ratio Lower Upper
79 100
108 77.0 62.6 94.0
77 61.9 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.774 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

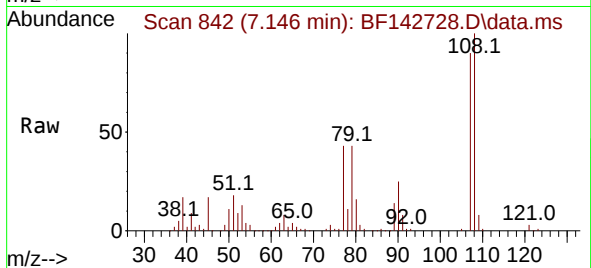
Tgt Ion: 45 Resp: 308921
Ion Ratio Lower Upper
45 100
77 14.1 0.0 33.1
79 11.1 0.0 30.5



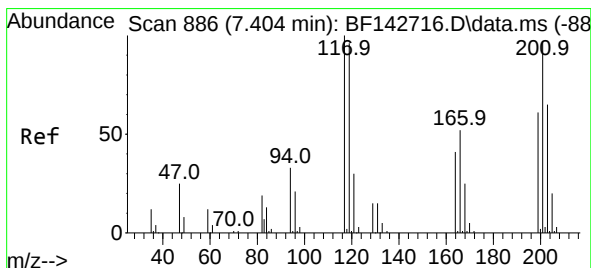
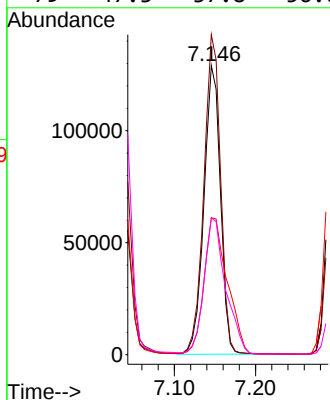
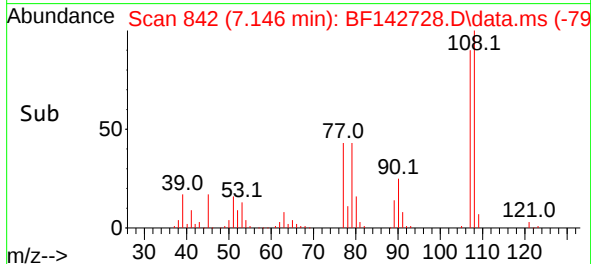


#17
2-Methylphenol
Concen: 46.210 ng
RT: 7.146 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Instrument :
BNA_F
ClientSampleId :

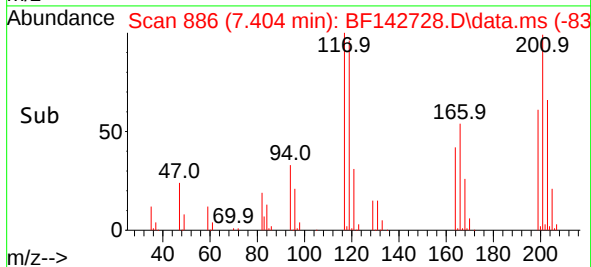
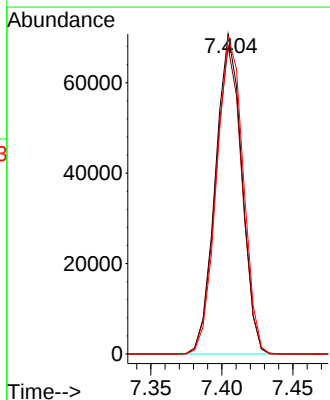
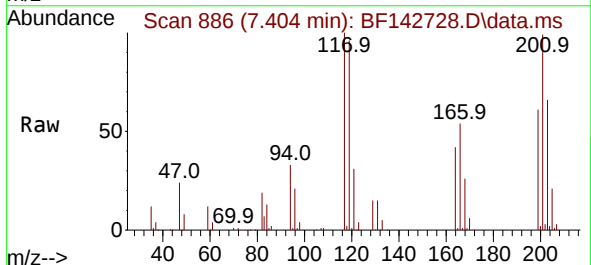


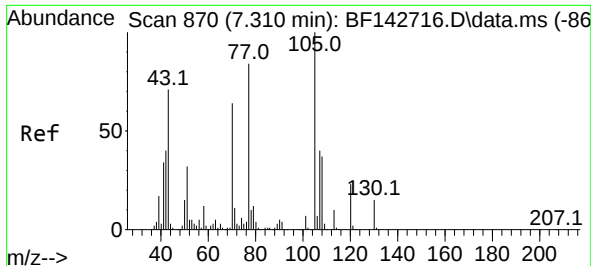
Tgt Ion:	107	Resp:	181748
Ion	Ratio	Lower	Upper
107	100		
108	110.7	90.0	135.0
77	47.4	38.2	57.2
79	47.3	37.8	56.6



#18
Hexachloroethane
Concen: 43.071 ng
RT: 7.404 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

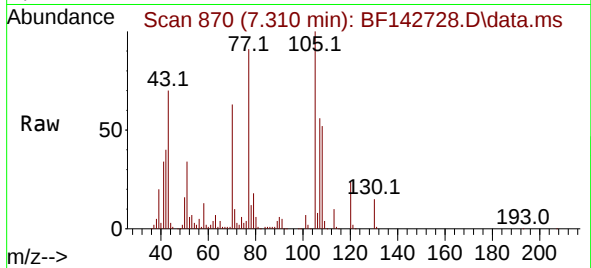
Tgt Ion:	117	Resp:	91334
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.4	114.6
201	99.2	77.8	116.6



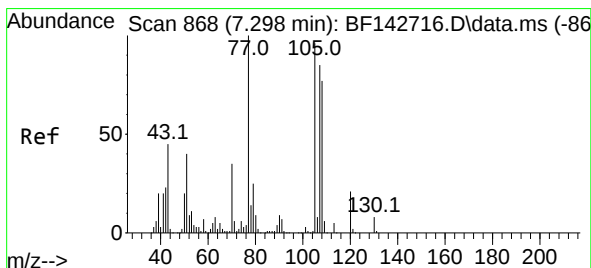
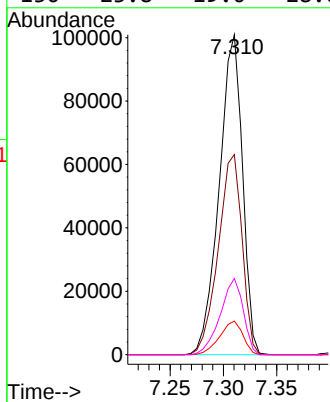
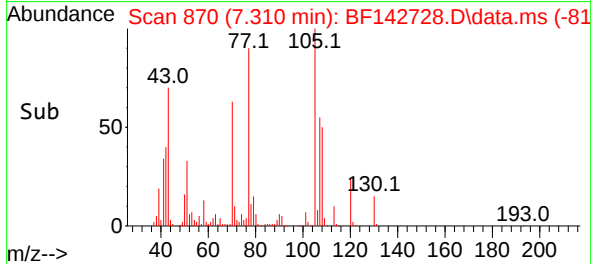


#19
n-Nitroso-di-n-propylamine
Concen: 43.589 ng
RT: 7.310 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

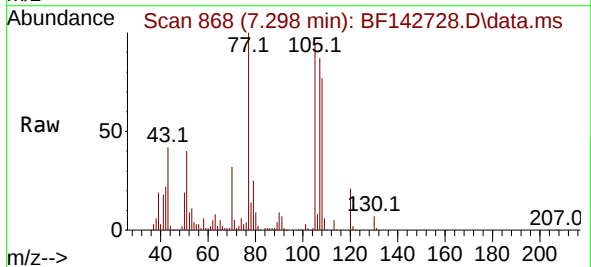
Instrument :
BNA_F
ClientSampleId :



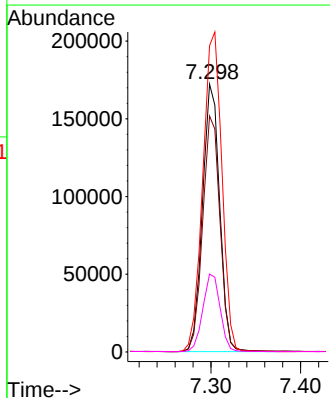
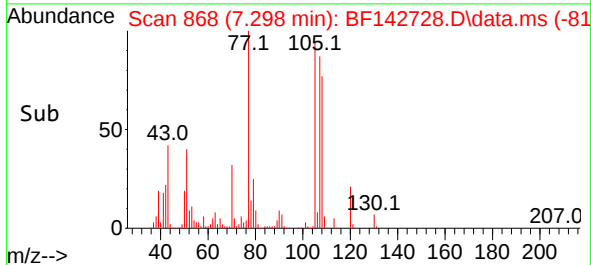
Tgt Ion: 70 Resp: 153317
Ion Ratio Lower Upper
70 100
42 62.5 50.2 75.4
101 10.5 8.3 12.5
130 23.8 19.0 28.6

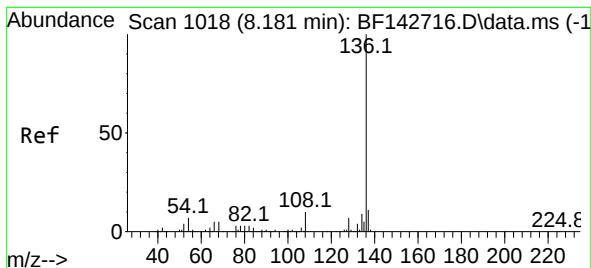


#20
3+4-Methylphenols
Concen: 46.057 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50



Tgt Ion: 107 Resp: 228375
Ion Ratio Lower Upper
107 100
108 88.1 69.9 109.9
77 114.3 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

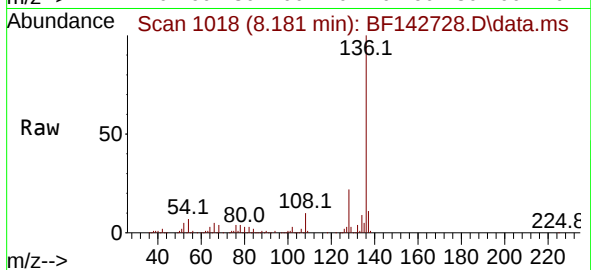
Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 304653

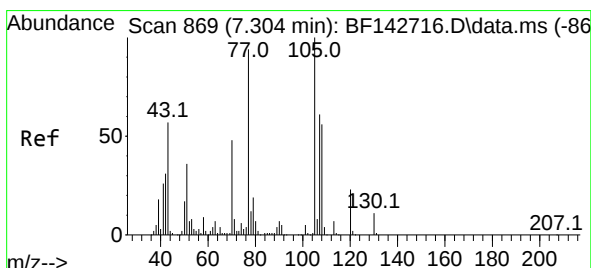
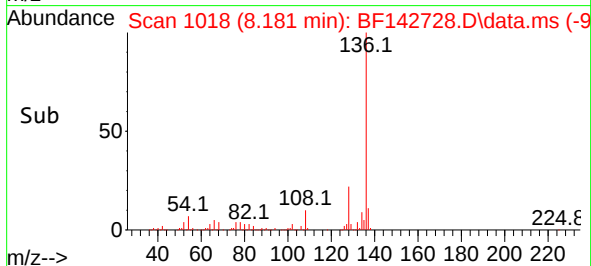
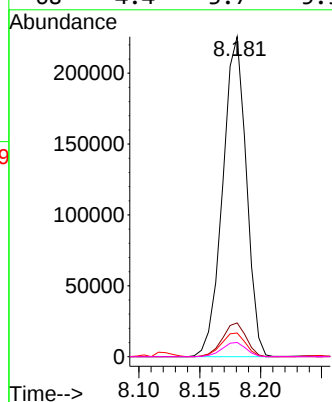
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 7.4 5.9 8.9

68 4.4 3.7 5.5



#22

Acetophenone

Concen: 45.131 ng

RT: 7.304 min Scan# 869

Delta R.T. 0.000 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Tgt Ion:105 Resp: 305840

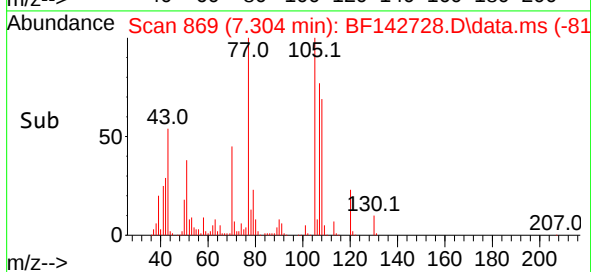
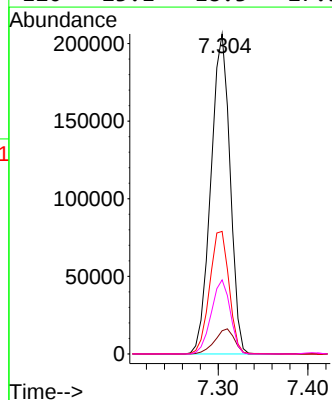
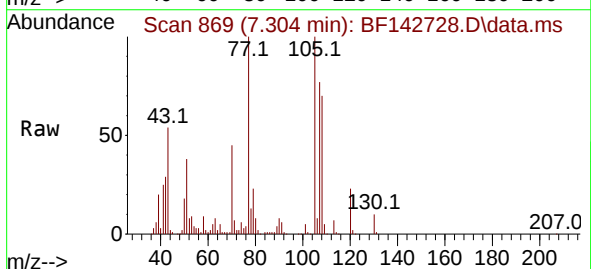
Ion Ratio Lower Upper

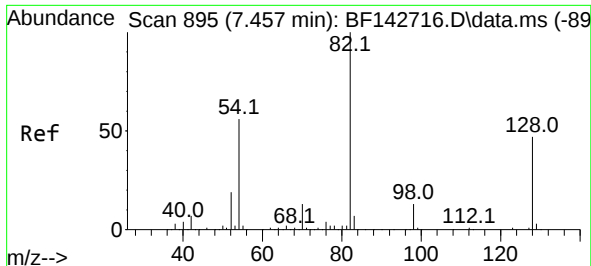
105 100

71 7.2 6.4 9.6

51 38.3 29.1 43.7

120 23.1 18.3 27.5





#23

Nitrobenzene-d5

Concen: 79.449 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Instrument :

BNA_F

ClientSampleId :

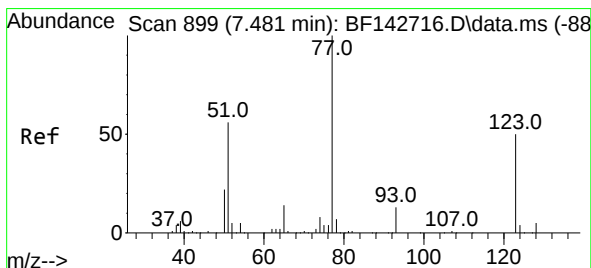
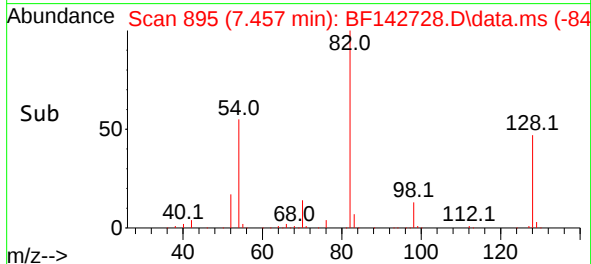
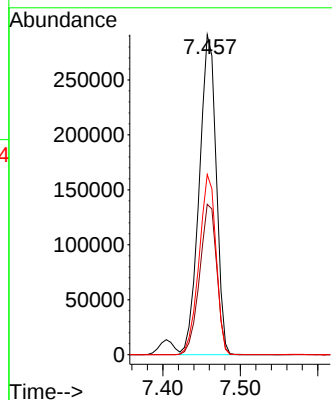
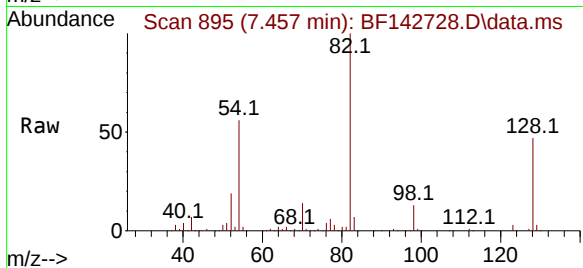
Tgt Ion: 82 Resp: 442271

Ion Ratio Lower Upper

82 100

128 47.0 37.8 56.8

54 56.3 44.9 67.3



#24

Nitrobenzene

Concen: 45.417 ng

RT: 7.481 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

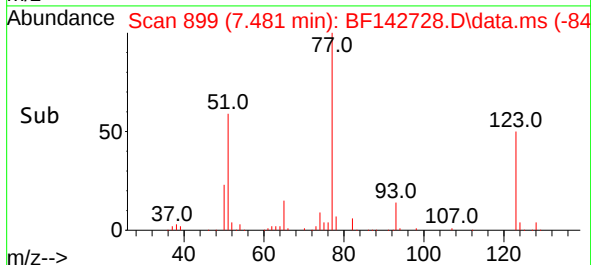
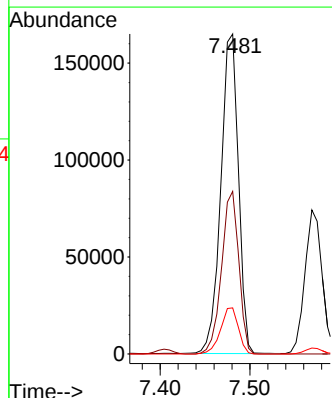
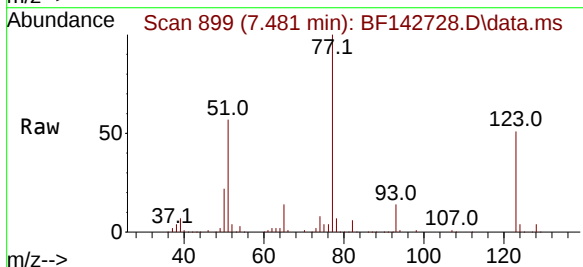
Tgt Ion: 77 Resp: 224388

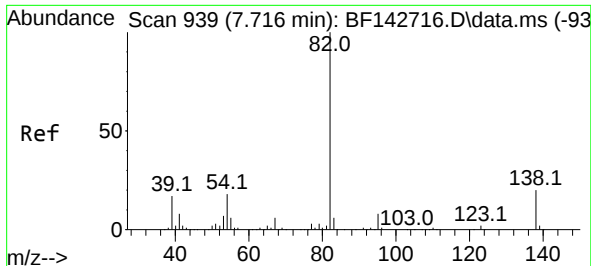
Ion Ratio Lower Upper

77 100

123 50.8 40.8 61.2

65 14.4 11.5 17.3

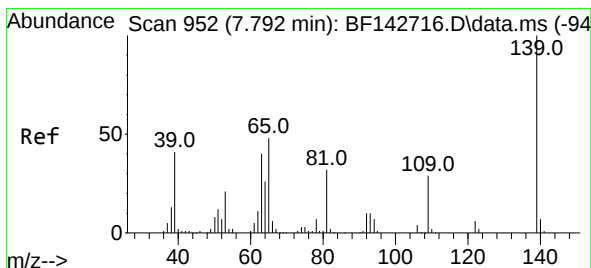
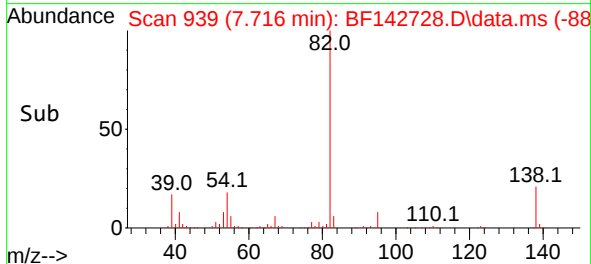
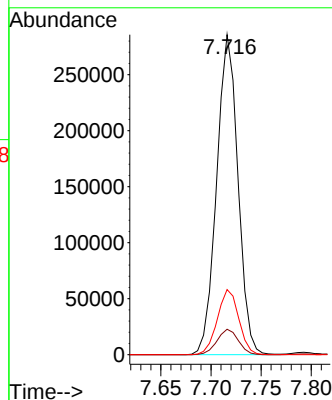
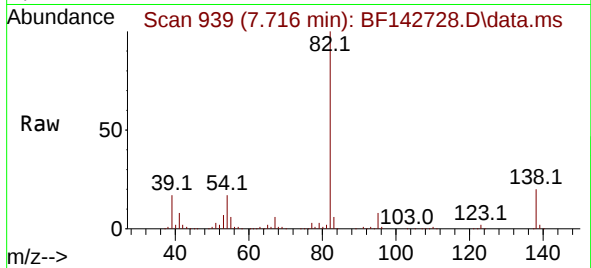




#25
Isophorone
Concen: 44.759 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

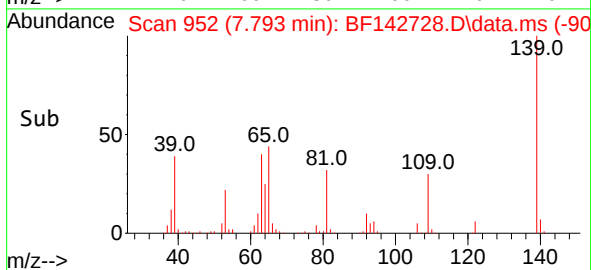
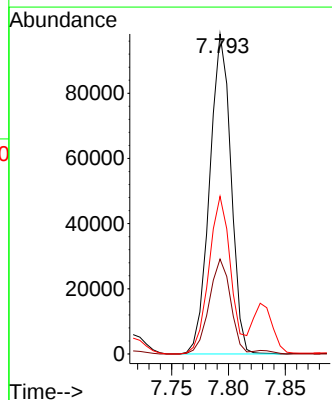
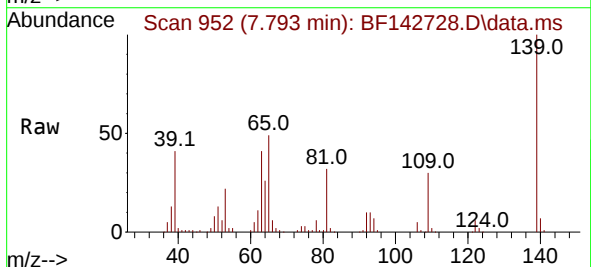
Instrument :
BNA_F
ClientSampleId :

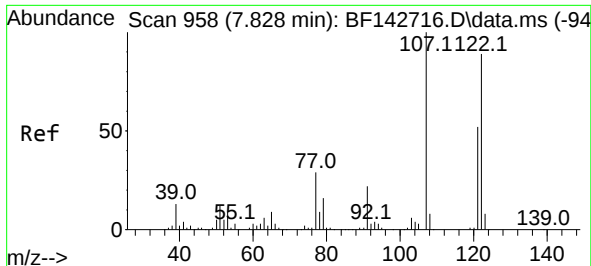
Tgt Ion: 82 Resp: 421864
Ion Ratio Lower Upper
82 100
95 8.0 6.0 9.0
138 20.4 15.8 23.6



#26
2-Nitrophenol
Concen: 46.469 ng
RT: 7.793 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:139 Resp: 128129
Ion Ratio Lower Upper
139 100
109 29.7 23.4 35.2
65 49.3 38.7 58.1

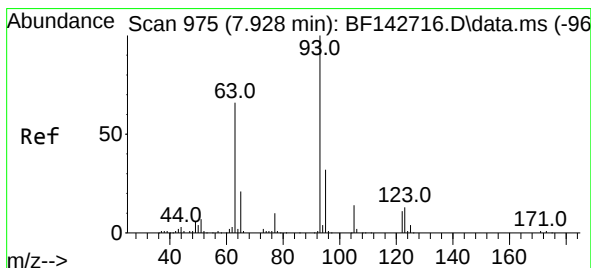
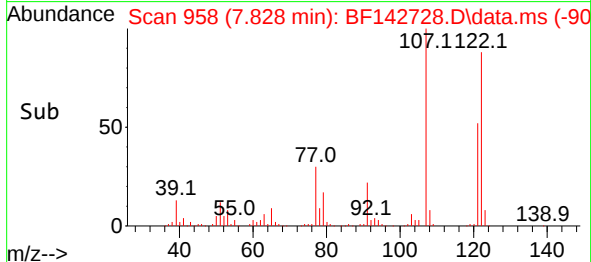
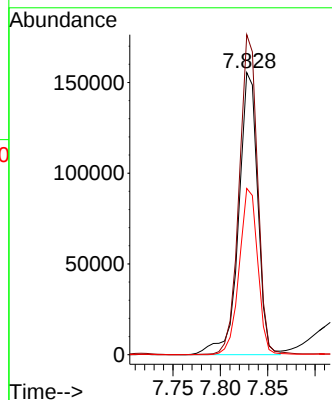
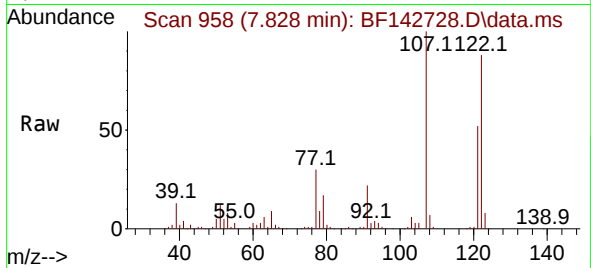




#27
2,4-Dimethylphenol
Concen: 46.303 ng
RT: 7.828 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

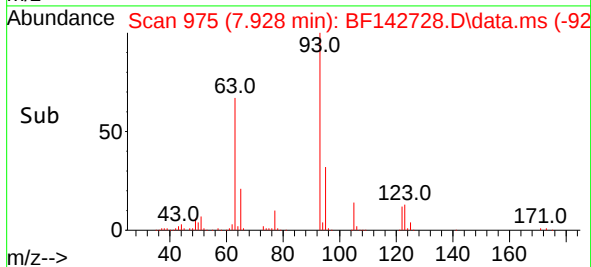
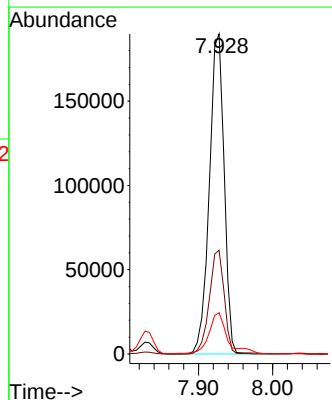
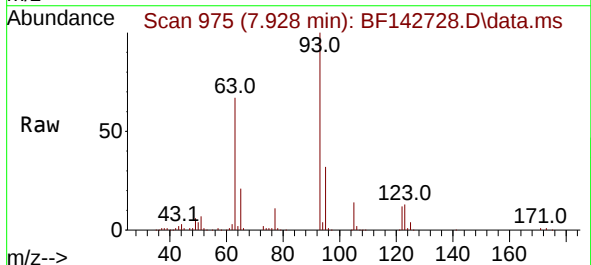
Instrument :
BNA_F
ClientSampleId :

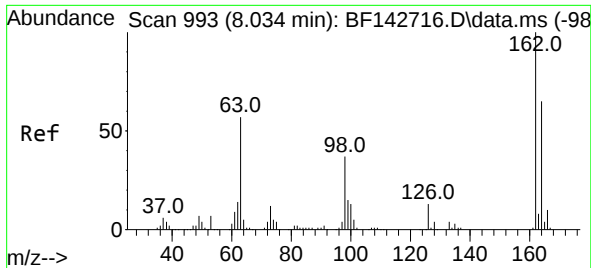
Tgt Ion:122 Resp: 217370
Ion Ratio Lower Upper
122 100
107 113.4 90.4 135.6
121 58.9 46.9 70.3



#28
bis(2-Chloroethoxy)methane
Concen: 45.231 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion: 93 Resp: 264684
Ion Ratio Lower Upper
93 100
95 32.4 25.9 38.9
123 12.9 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 47.097 ng

RT: 8.040 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Instrument :

BNA_F

ClientSampleId :

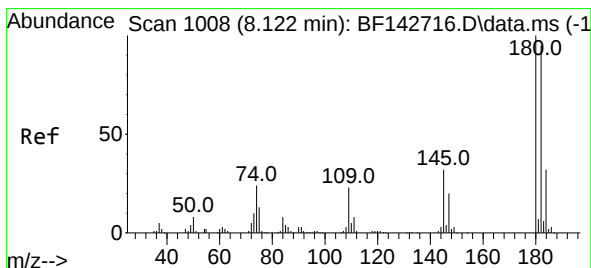
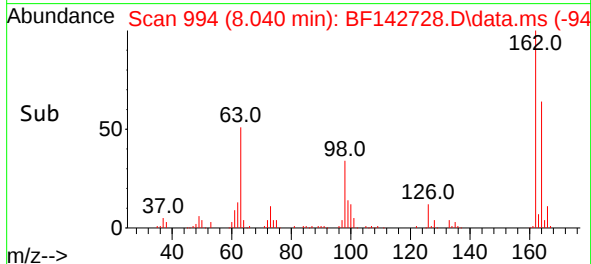
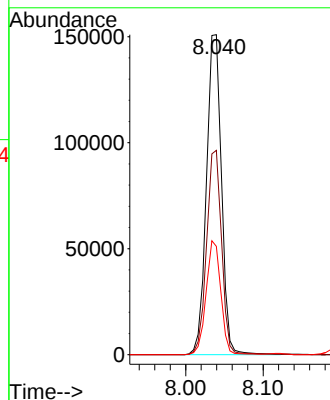
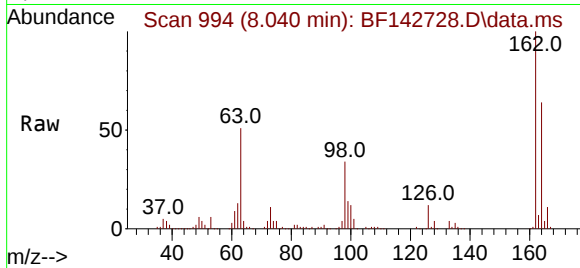
Tgt Ion:162 Resp: 204043

Ion Ratio Lower Upper

162 100

164 63.9 45.1 85.1

98 33.9 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 45.139 ng

RT: 8.116 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

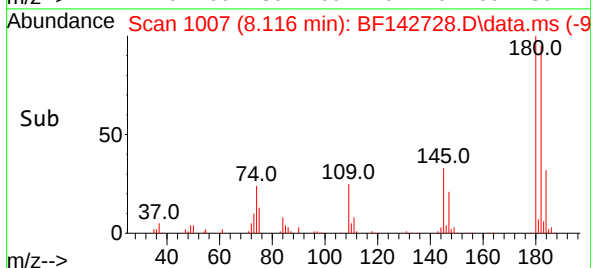
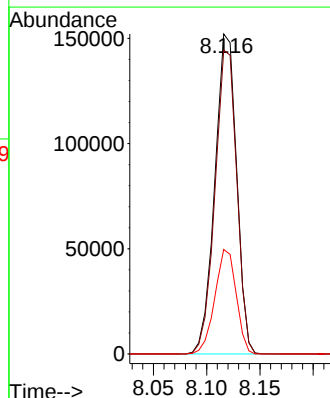
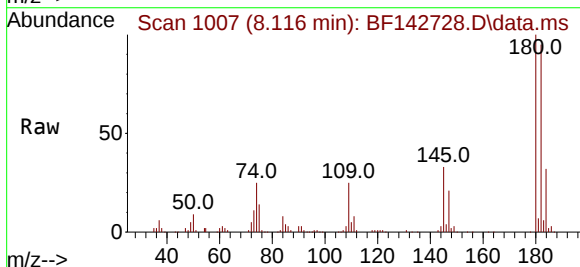
Tgt Ion:180 Resp: 216097

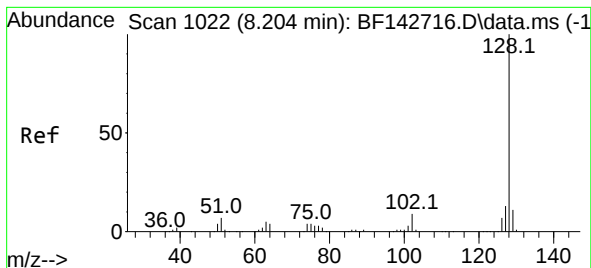
Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

145 32.7 25.7 38.5





#31

Naphthalene

Concen: 44.765 ng

RT: 8.198 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Instrument :

BNA_F

ClientSampleId :

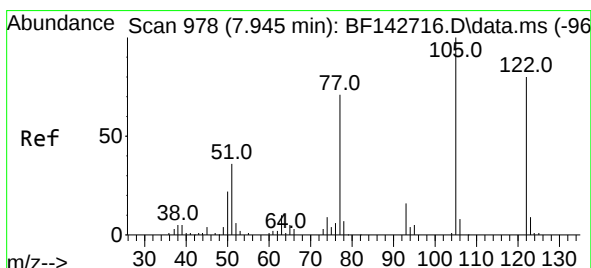
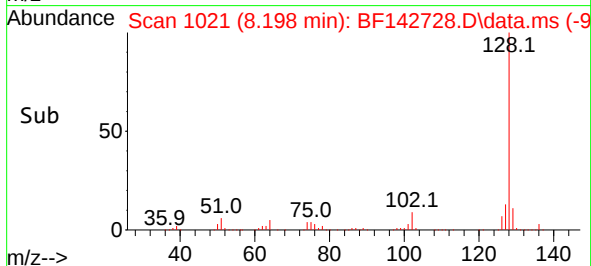
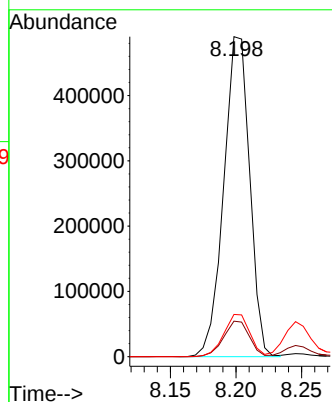
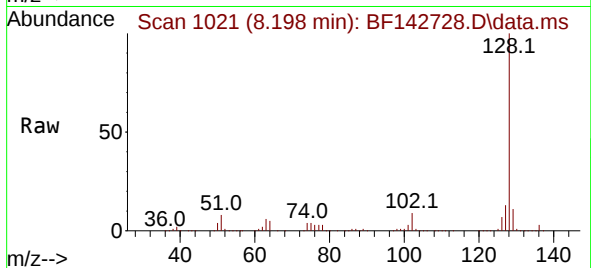
Tgt Ion:128 Resp: 674474

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 13.2 10.4 15.6



#32

Benzoic acid

Concen: 51.676 ng

RT: 7.957 min Scan# 980

Delta R.T. 0.012 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

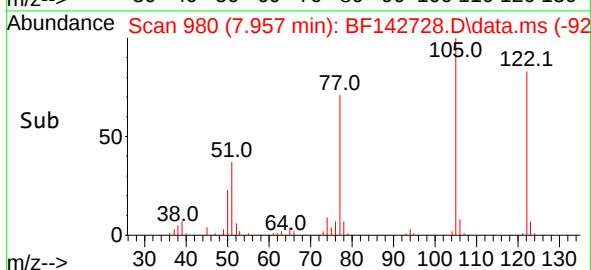
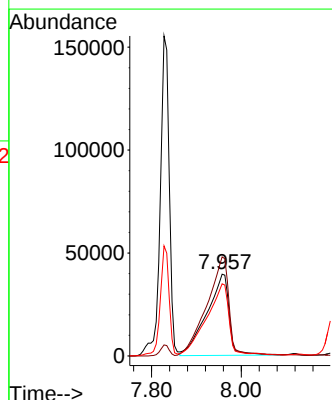
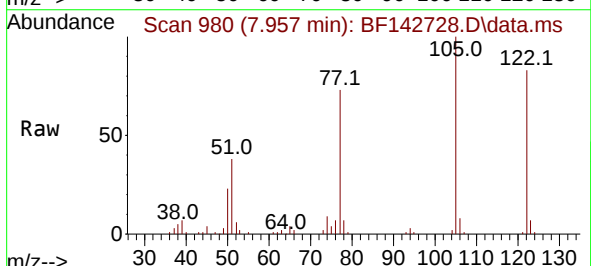
Tgt Ion:122 Resp: 136622

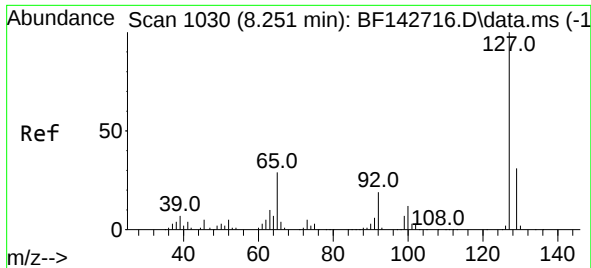
Ion Ratio Lower Upper

122 100

105 121.2 102.6 142.6

77 88.3 68.2 108.2



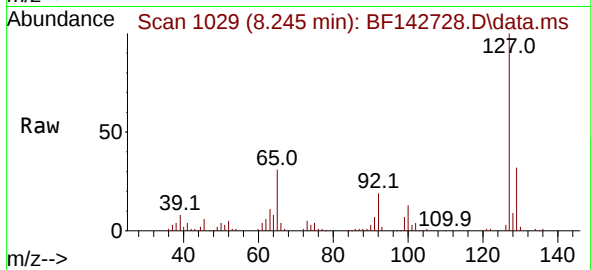


#33
4-Chloroaniline
Concen: 14.357 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

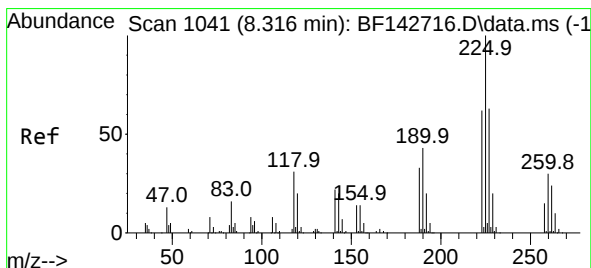
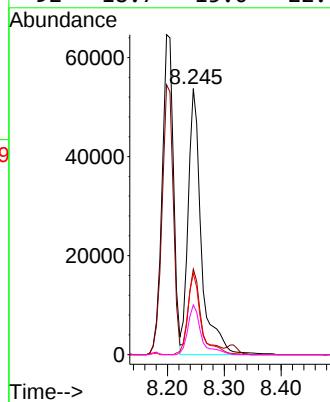
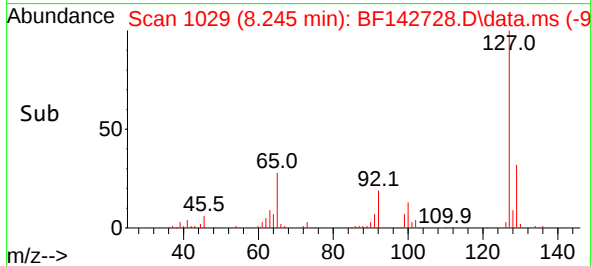
Instrument :

BNA_F

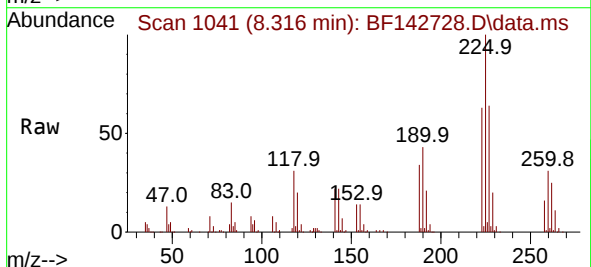
ClientSampleId :



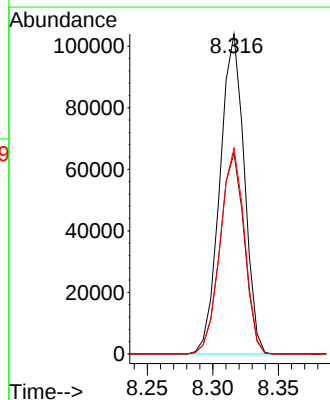
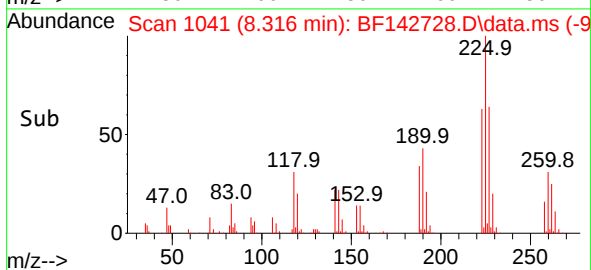
Tgt Ion:	127	Resp:	86856
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.6	38.4
65	30.5	23.0	34.4
92	18.7	15.0	22.4

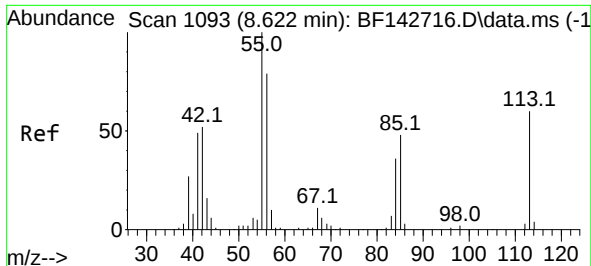


#34
Hexachlorobutadiene
Concen: 43.926 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50



Tgt Ion:	225	Resp:	134005
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.3	73.9
227	64.3	50.6	75.8

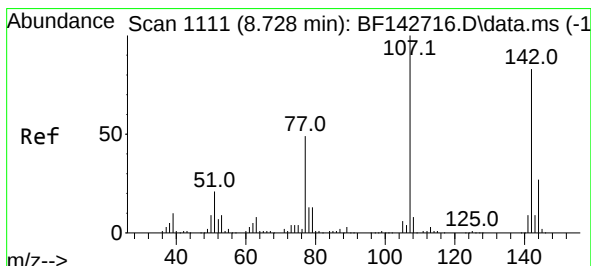
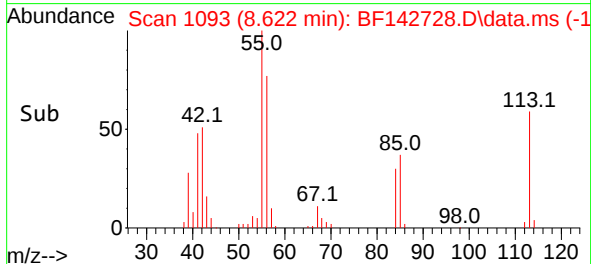
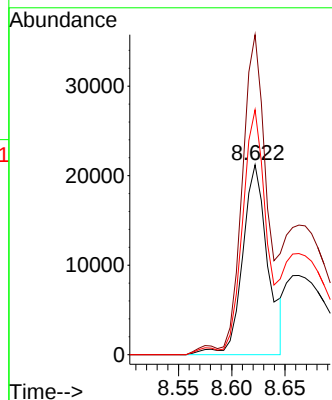
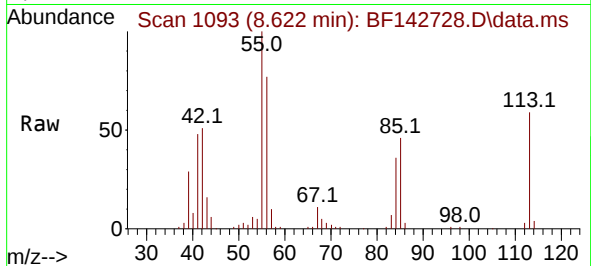




#35
 Caprolactam
 Concen: 29.779 ng
 RT: 8.622 min Scan# 1093
 Delta R.T. 0.000 min
 Lab File: BF142728.D
 Acq: 11 Jun 2025 11:50

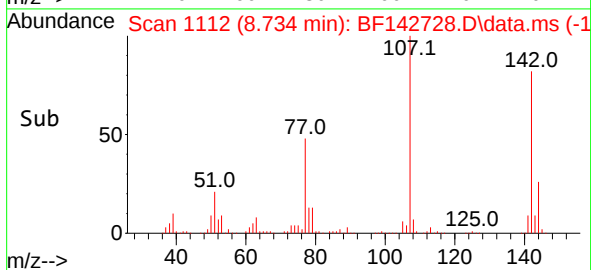
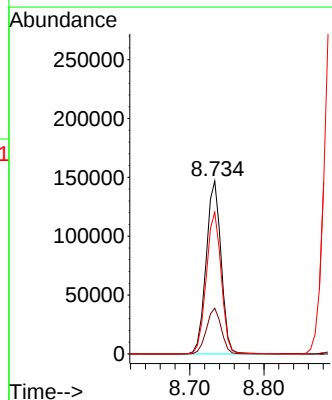
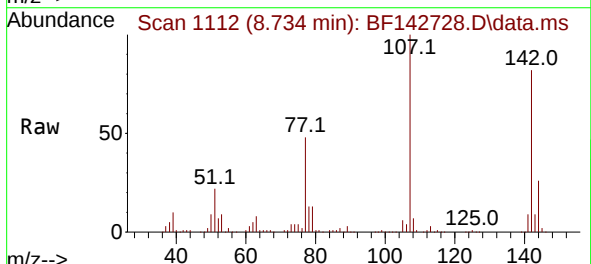
Instrument :
 BNA_F
 ClientSampleId :

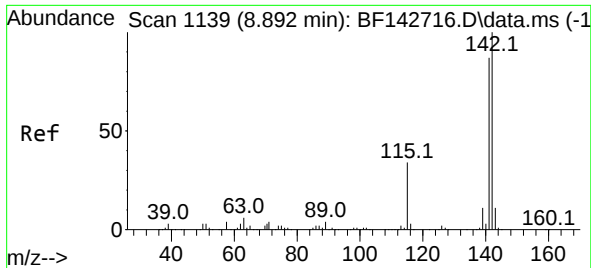
Tgt Ion:113 Resp: 34825
 Ion Ratio Lower Upper
 113 100
 55 168.5 147.9 187.9
 56 129.0 111.9 151.9



#36
 4-Chloro-3-methylphenol
 Concen: 45.766 ng
 RT: 8.734 min Scan# 1112
 Delta R.T. 0.006 min
 Lab File: BF142728.D
 Acq: 11 Jun 2025 11:50

Tgt Ion:107 Resp: 206170
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.3 31.9
 142 82.0 66.2 99.2

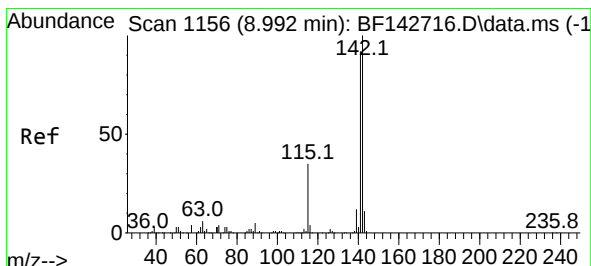
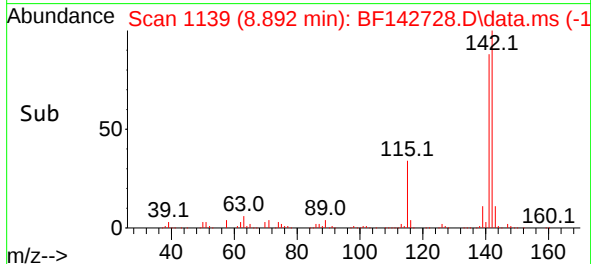
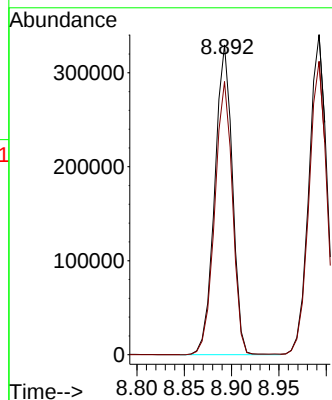
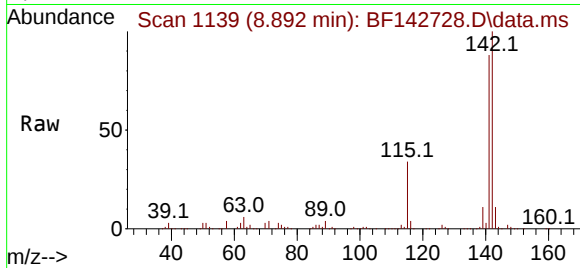




#37
2-Methylnaphthalene
Concen: 44.895 ng
RT: 8.892 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

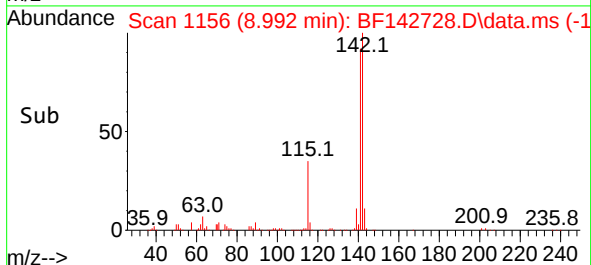
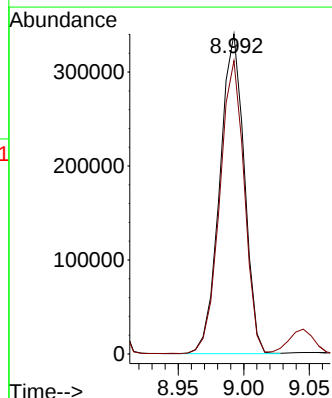
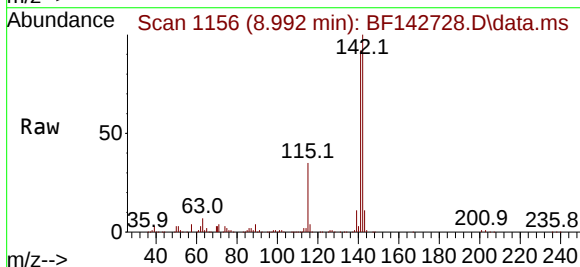
Instrument :
BNA_F
ClientSampleId :

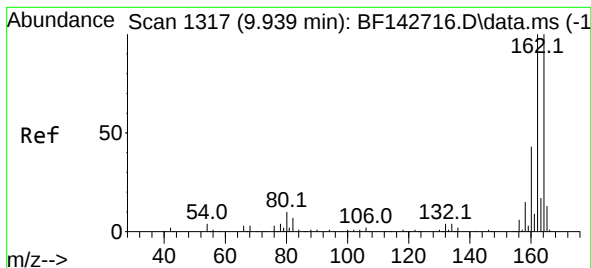
Tgt Ion:142 Resp: 428144
Ion Ratio Lower Upper
142 100
141 88.2 69.9 104.9



#38
1-Methylnaphthalene
Concen: 44.655 ng
RT: 8.992 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:142 Resp: 441163
Ion Ratio Lower Upper
142 100
141 91.7 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1167

Delta R.T. 0.000 min

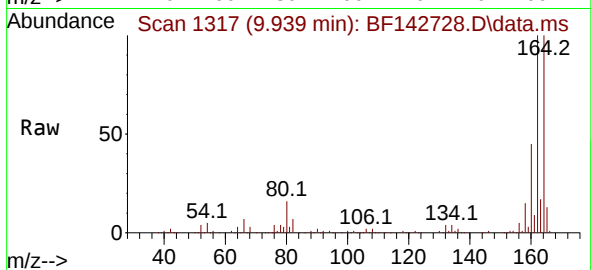
Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Instrument :

BNA_F

ClientSampleId :



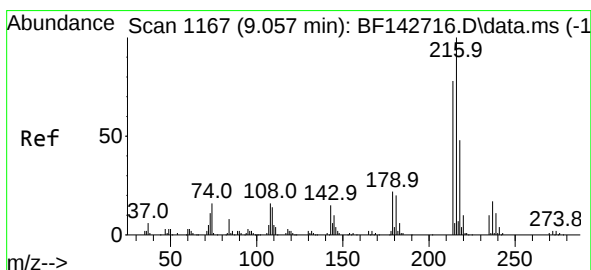
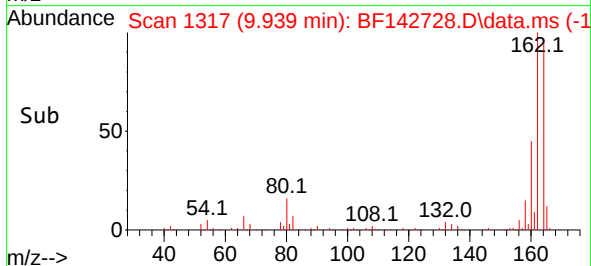
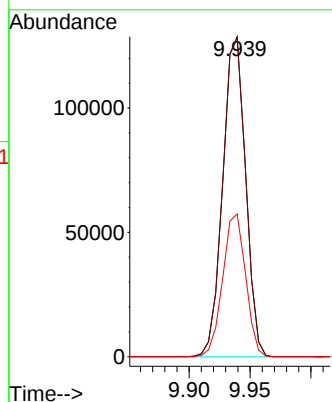
Tgt Ion:164 Resp: 167586

Ion Ratio Lower Upper

164 100

162 100.3 79.9 119.9

160 44.7 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.712 ng

RT: 9.057 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Tgt Ion:216 Resp: 216872

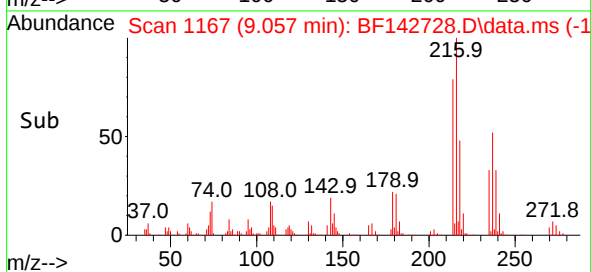
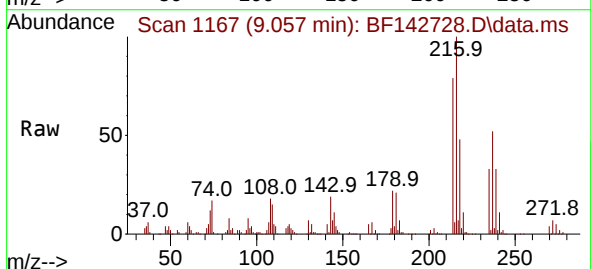
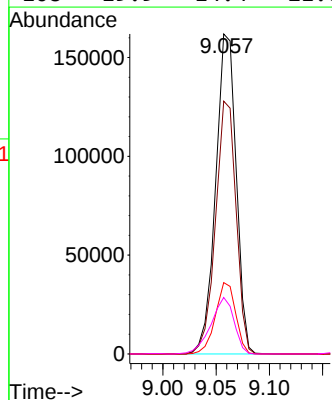
Ion Ratio Lower Upper

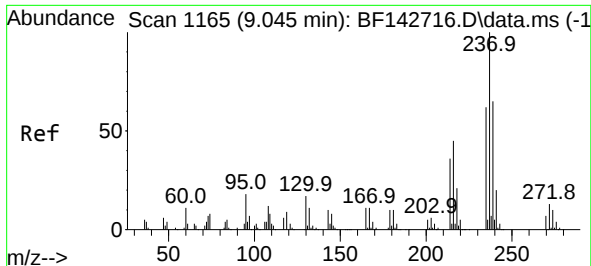
216 100

214 78.8 62.6 94.0

179 21.9 17.1 25.7

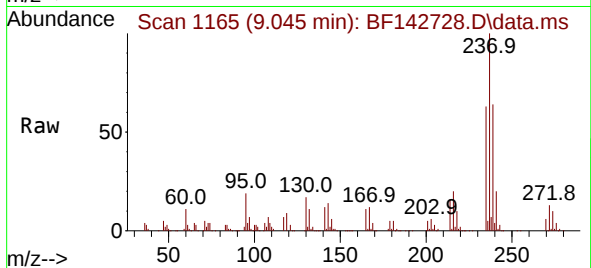
108 19.9 14.4 21.6



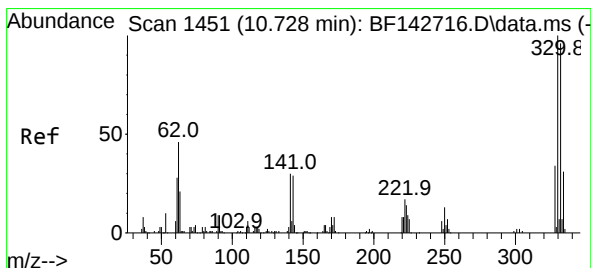
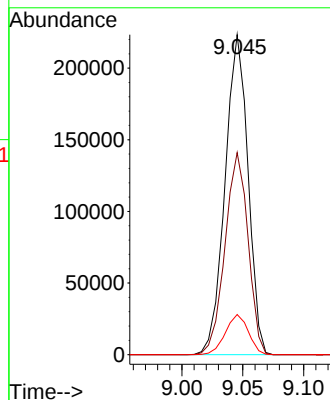
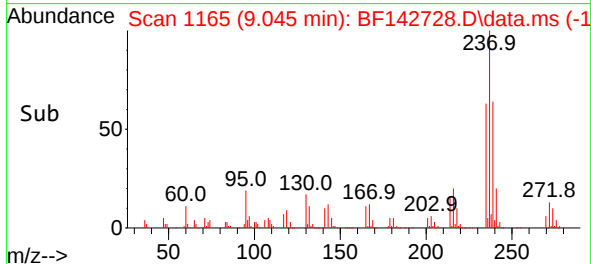


#41
Hexachlorocyclopentadiene
Concen: 94.162 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

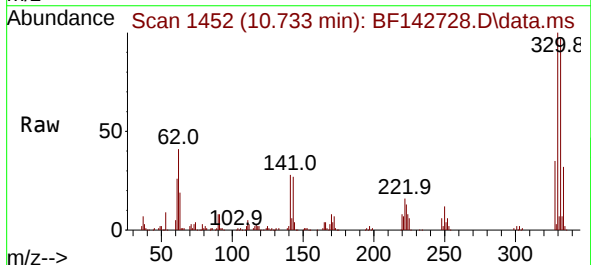
Instrument :
BNA_F
ClientSampleId :



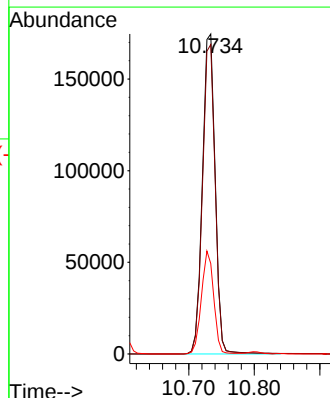
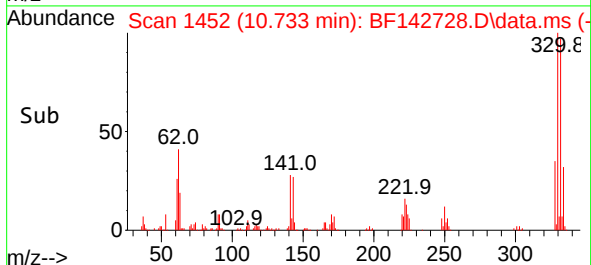
Tgt Ion:237 Resp: 293138
Ion Ratio Lower Upper
237 100
235 63.2 41.9 81.9
272 12.5 0.0 32.5

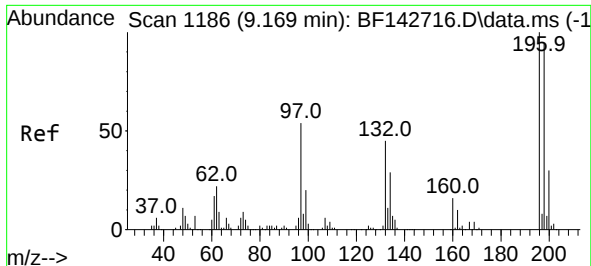


#42
2,4,6-Tribromophenol
Concen: 128.920 ng
RT: 10.733 min Scan# 1452
Delta R.T. 0.005 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50



Tgt Ion:330 Resp: 236790
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 31.1 25.4 38.0

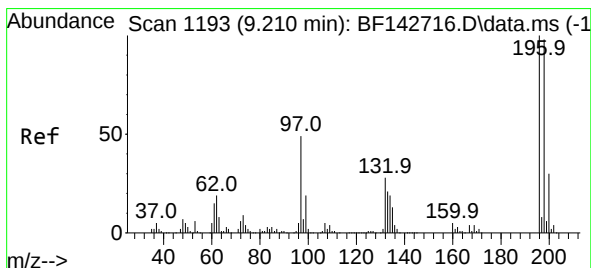
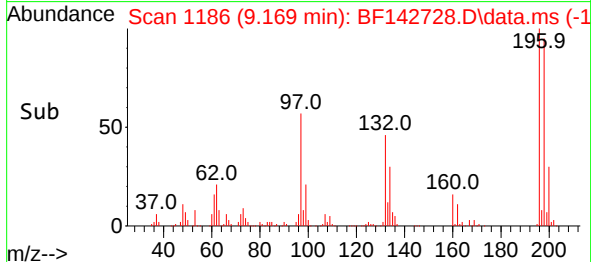
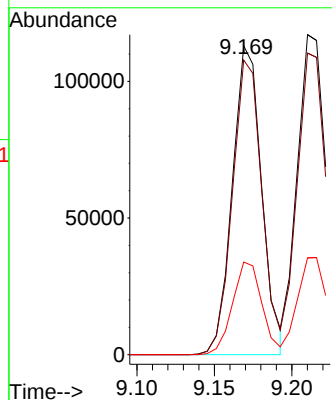
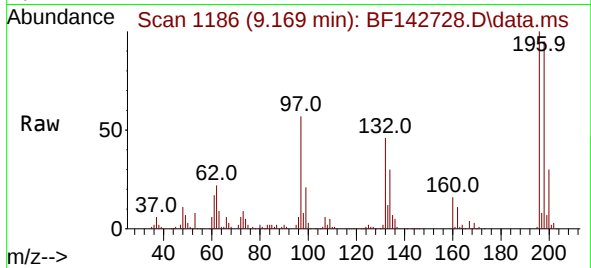




#43
2,4,6-Trichlorophenol
Concen: 47.231 ng
RT: 9.169 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

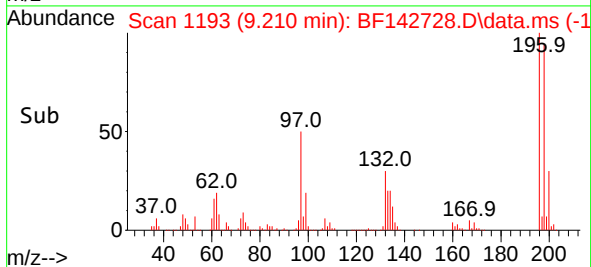
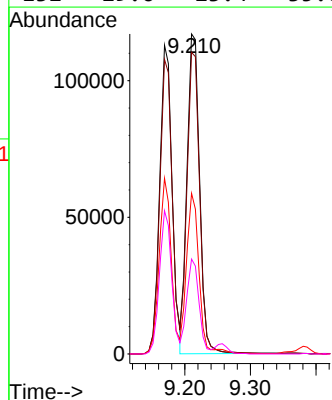
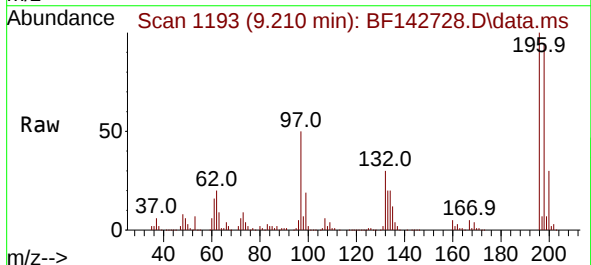
Instrument :
BNA_F
ClientSampleId :

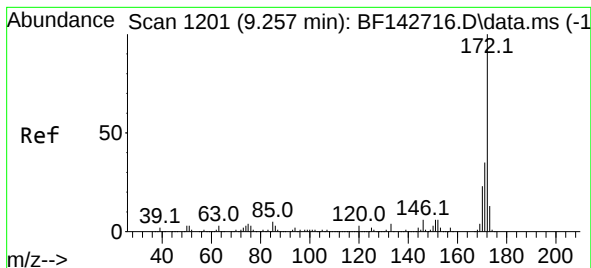
Tgt Ion:196 Resp: 148294
Ion Ratio Lower Upper
196 100
198 95.4 75.5 113.3
200 30.0 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 45.944 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:196 Resp: 155805
Ion Ratio Lower Upper
196 100
198 94.3 78.2 117.2
97 50.2 38.6 57.8
132 29.6 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 77.646 ng

RT: 9.257 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Instrument :

BNA_F

ClientSampleId :

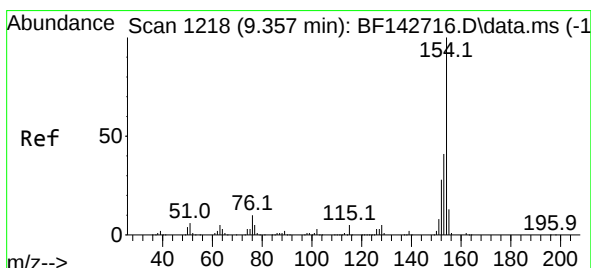
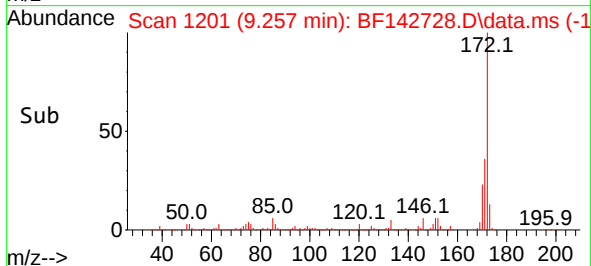
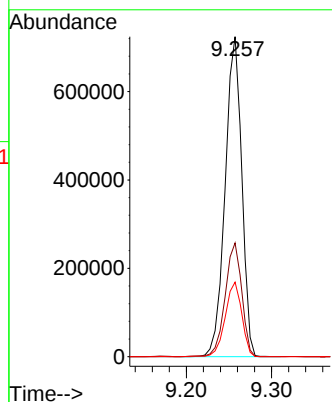
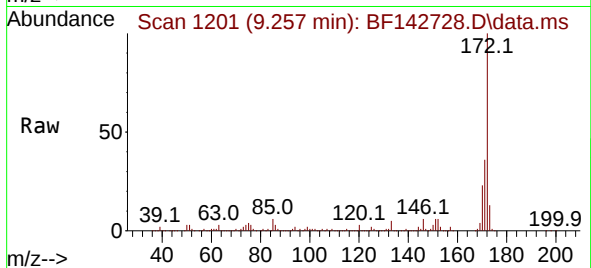
Tgt Ion:172 Resp: 979443

Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

170 23.3 18.6 27.8



#46

1,1'-Biphenyl

Concen: 45.042 ng

RT: 9.357 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

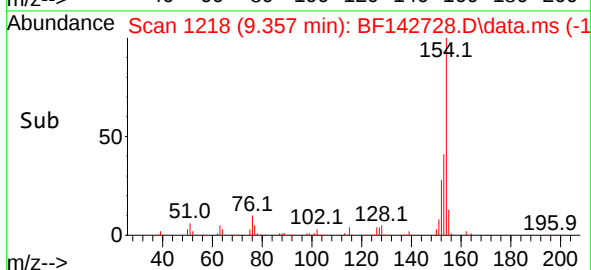
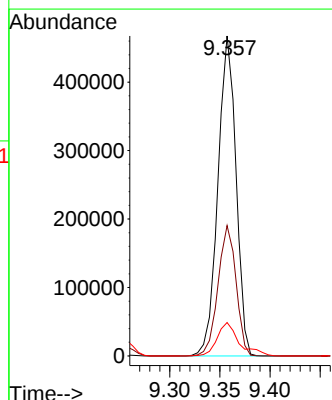
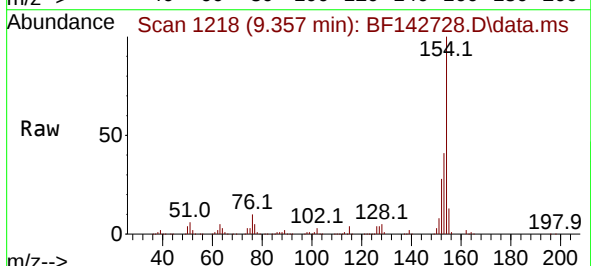
Tgt Ion:154 Resp: 586146

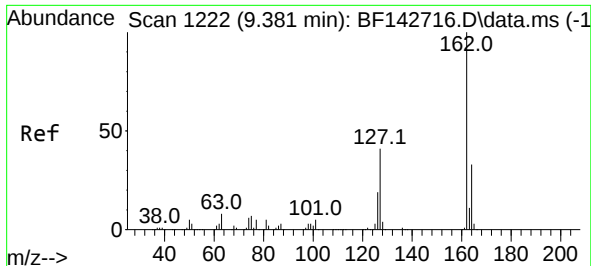
Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

76 10.5 0.0 30.2

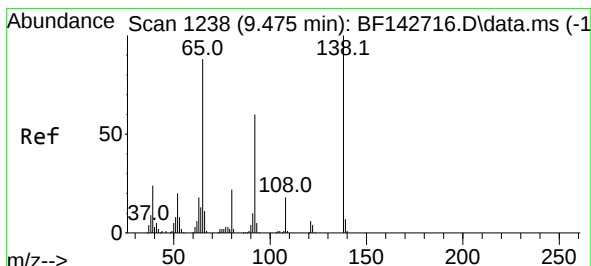
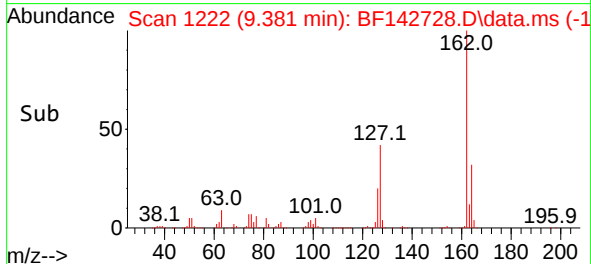
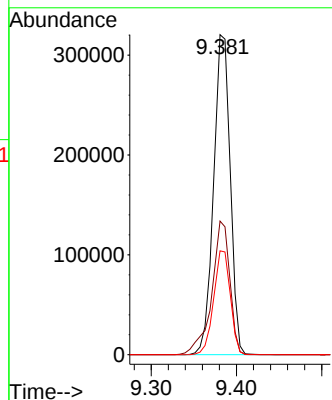
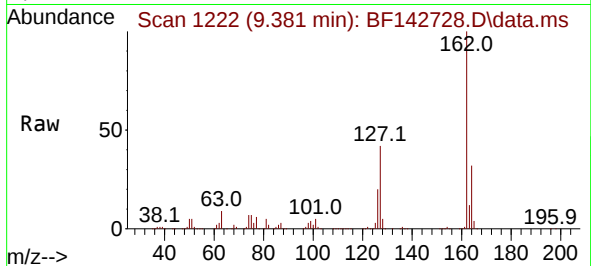




#47
2-Chloronaphthalene
Concen: 45.287 ng
RT: 9.381 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

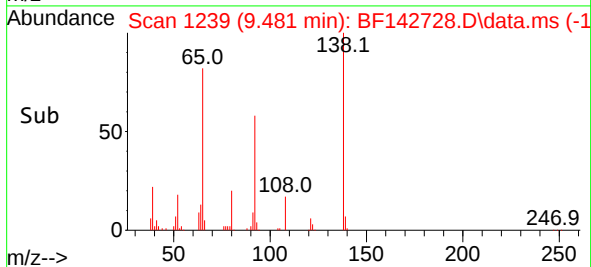
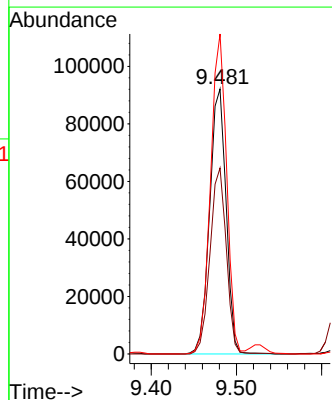
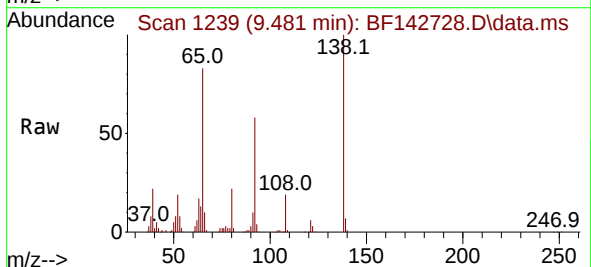
Instrument :
BNA_F
ClientSampleId :

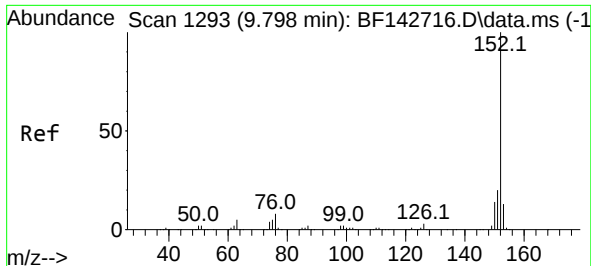
Tgt Ion:162 Resp: 434176
Ion Ratio Lower Upper
162 100
127 41.8 33.5 50.3
164 32.5 26.1 39.1



#48
2-Nitroaniline
Concen: 45.415 ng
RT: 9.481 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

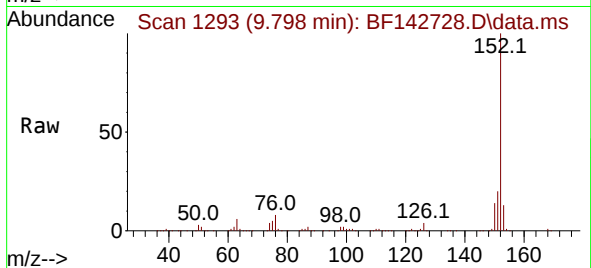
Tgt Ion: 65 Resp: 123837
Ion Ratio Lower Upper
65 100
92 70.2 54.5 81.7
138 120.8 90.6 136.0



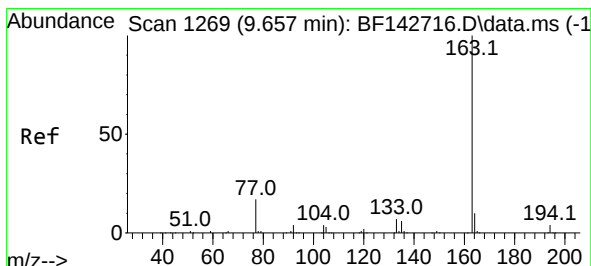
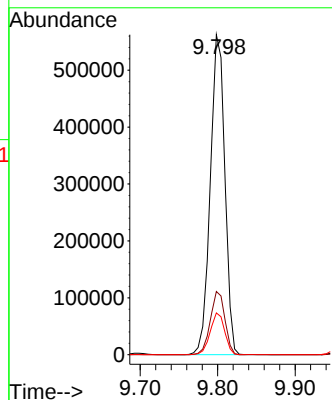
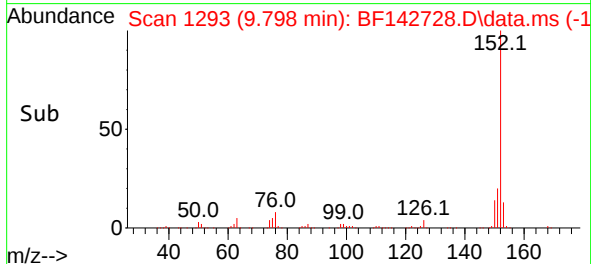


#49
Acenaphthylene
Concen: 45.406 ng
RT: 9.798 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

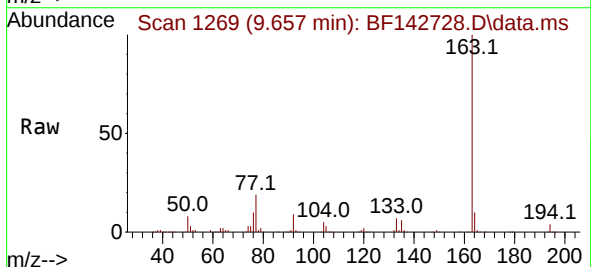
Instrument :
BNA_F
ClientSampleId :



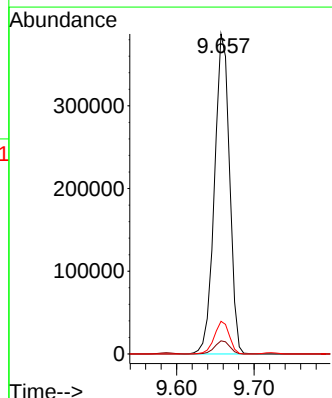
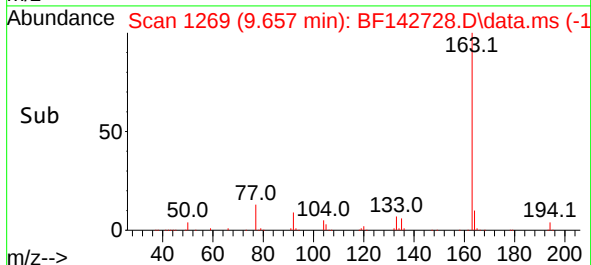
Tgt Ion:152 Resp: 733996
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.0 10.5 15.7

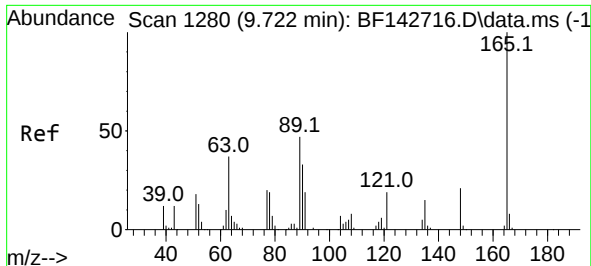


#50
Dimethylphthalate
Concen: 46.646 ng
RT: 9.657 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50



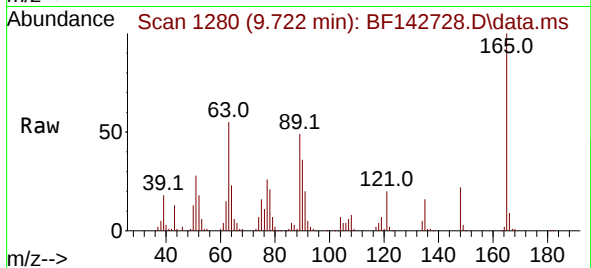
Tgt Ion:163 Resp: 522022
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.2 8.0 12.0



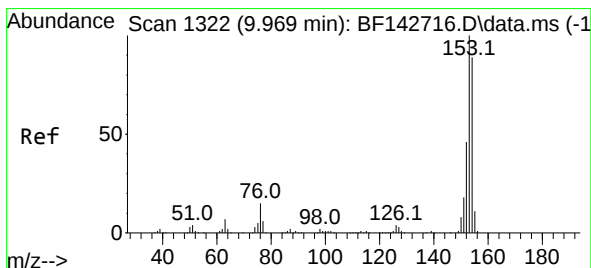
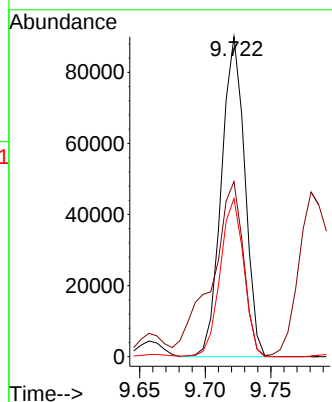
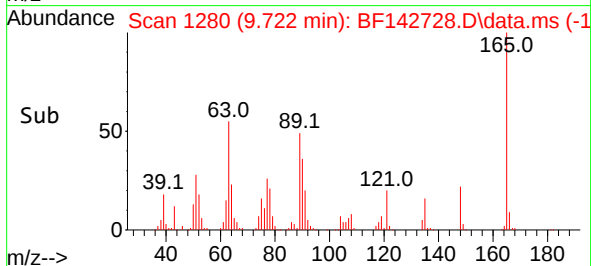


#51
2,6-Dinitrotoluene
Concen: 46.122 ng
RT: 9.722 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

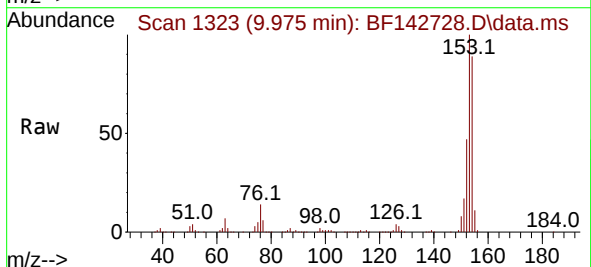
Instrument :
BNA_F
ClientSampleId :



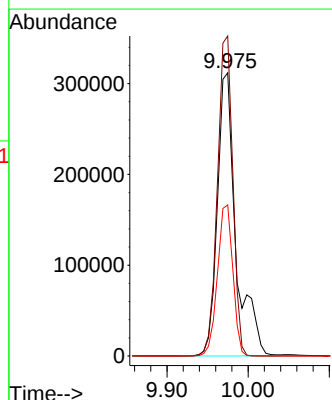
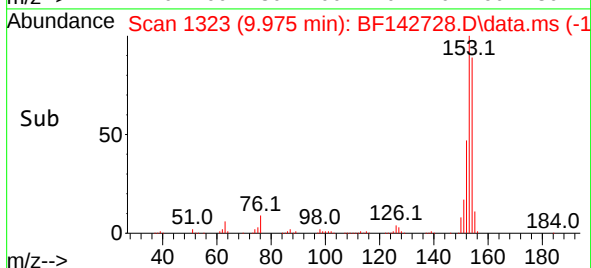
Tgt Ion:165 Resp: 111554
Ion Ratio Lower Upper
165 100
63 54.7 40.6 60.8
89 49.4 37.6 56.4

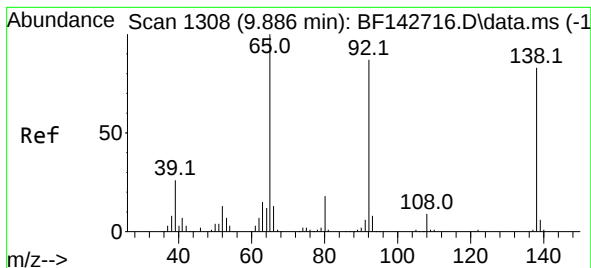


#52
Acenaphthene
Concen: 49.852 ng
RT: 9.975 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50



Tgt Ion:154 Resp: 499655
Ion Ratio Lower Upper
154 100
153 113.0 90.1 135.1
152 53.3 41.9 62.9





#53

3-Nitroaniline

Concen: 25.580 ng

RT: 9.886 min Scan# 11

Delta R.T. 0.000 min

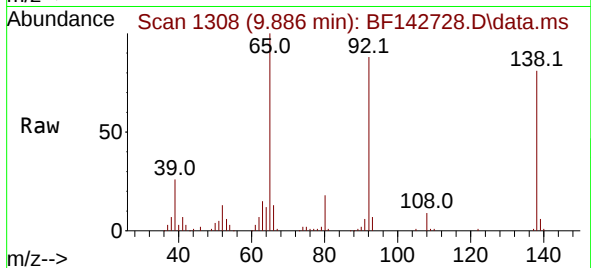
Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Instrument :

BNA_F

ClientSampleId :



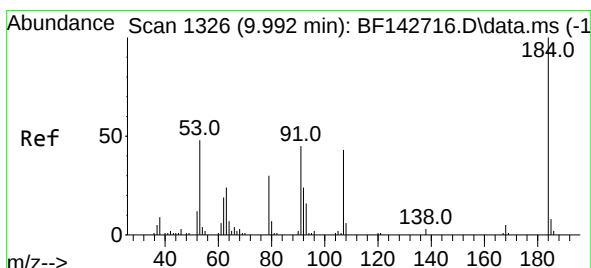
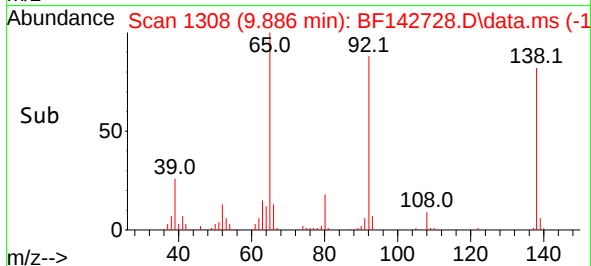
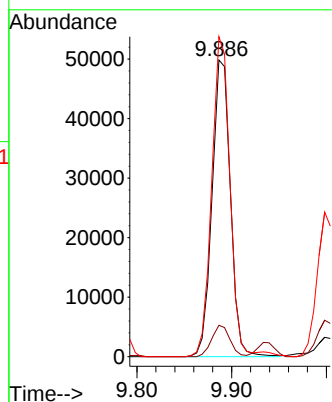
Tgt Ion:138 Resp: 67107

Ion Ratio Lower Upper

138 100

108 10.6 8.3 12.5

92 107.9 84.6 127.0



#54

2,4-Dinitrophenol

Concen: 107.815 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.006 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

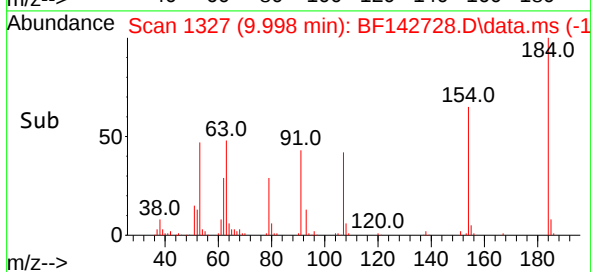
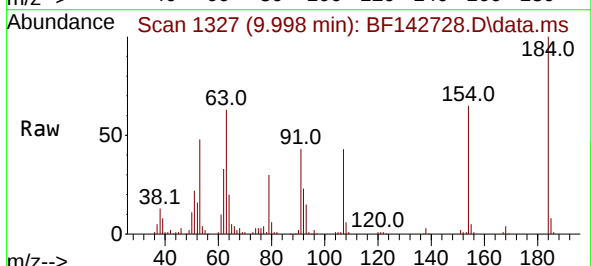
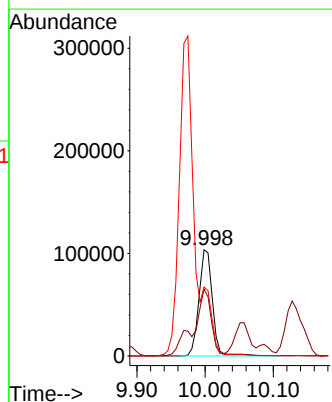
Tgt Ion:184 Resp: 142845

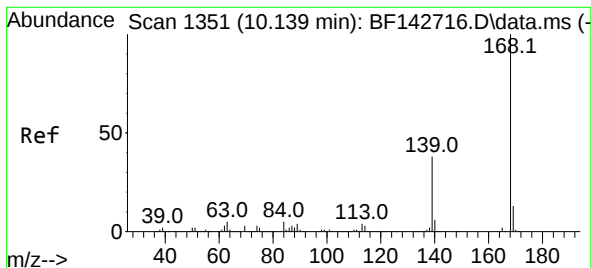
Ion Ratio Lower Upper

184 100

63 63.0 51.7 77.5

154 65.0 60.1 90.1





#55

Dibenzenofuran

Concen: 44.730 ng

RT: 10.145 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Instrument :

BNA_F

ClientSampleId :

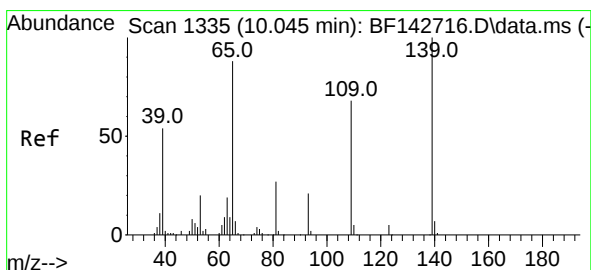
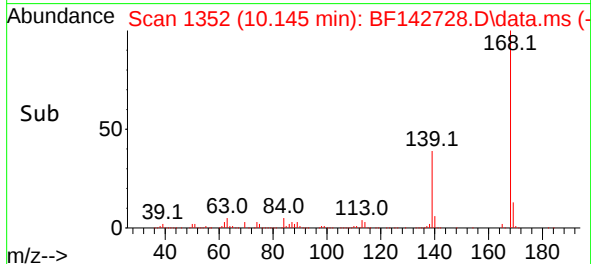
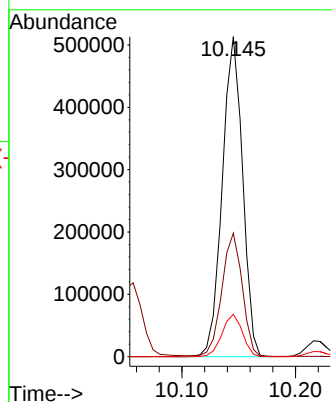
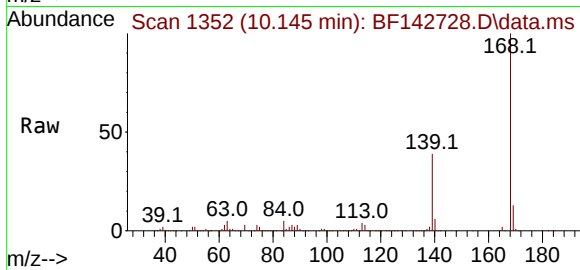
Tgt Ion:168 Resp: 638399

Ion Ratio Lower Upper

168 100

139 38.6 30.9 46.3

169 13.3 10.8 16.2



#56

4-Nitrophenol

Concen: 96.918 ng

RT: 10.057 min Scan# 1337

Delta R.T. 0.012 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

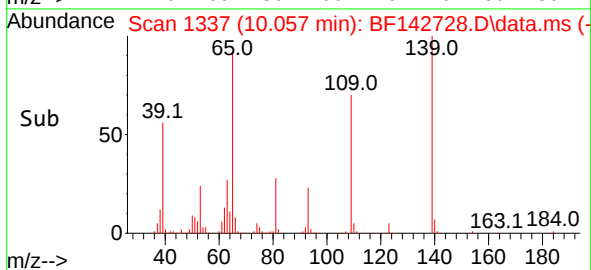
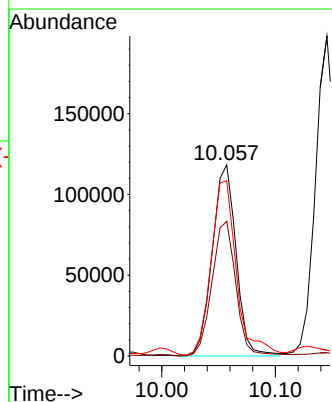
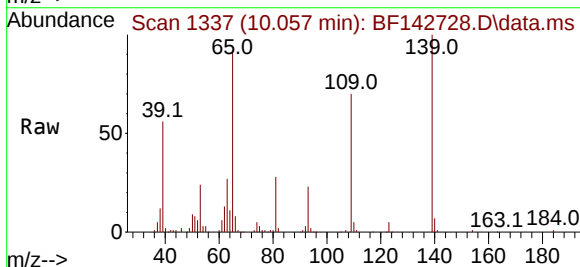
Tgt Ion:139 Resp: 172443

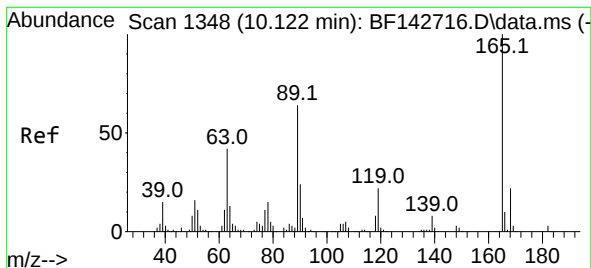
Ion Ratio Lower Upper

139 100

109 70.4 47.5 87.5

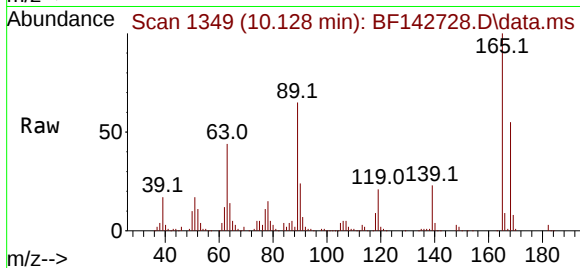
65 91.6 69.2 109.2



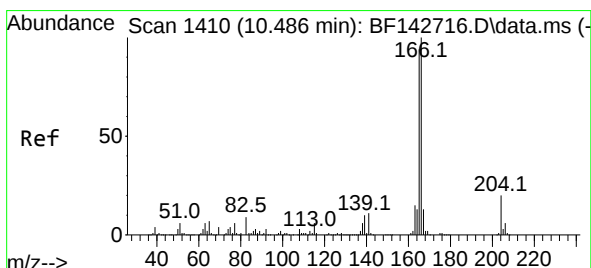
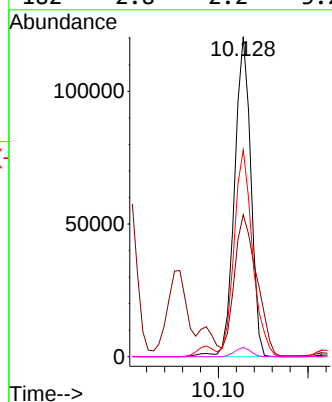
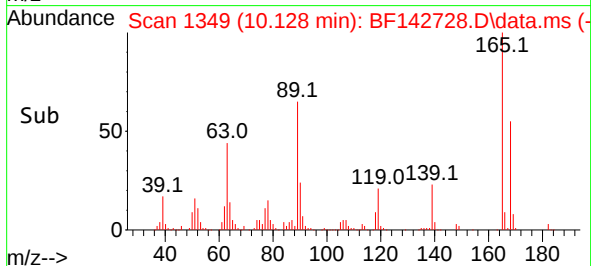


#57
2,4-Dinitrotoluene
Concen: 47.624 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

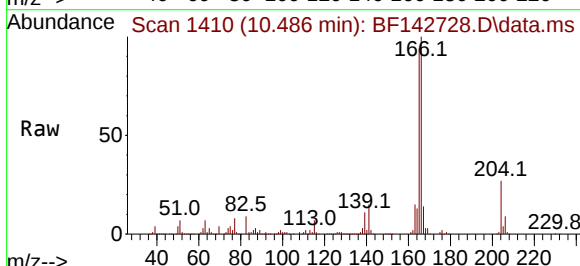
Instrument :
BNA_F
ClientSampleId :



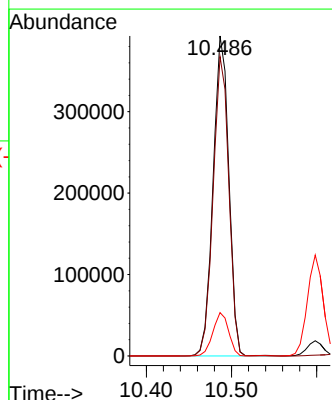
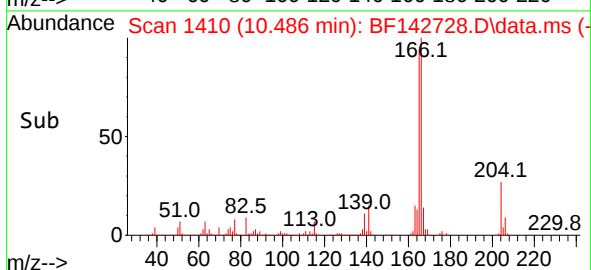
Tgt Ion:165 Resp: 152297
Ion Ratio Lower Upper
165 100
63 44.3 34.1 51.1
89 64.6 50.8 76.2
182 2.8 2.2 3.2

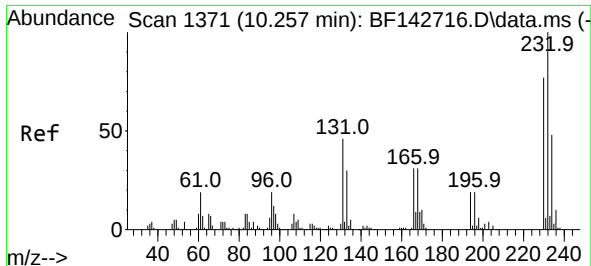


#58
Fluorene
Concen: 44.691 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50



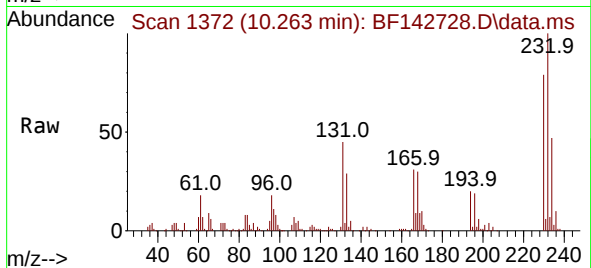
Tgt Ion:166 Resp: 503700
Ion Ratio Lower Upper
166 100
165 93.5 74.9 112.3
167 13.5 10.7 16.1



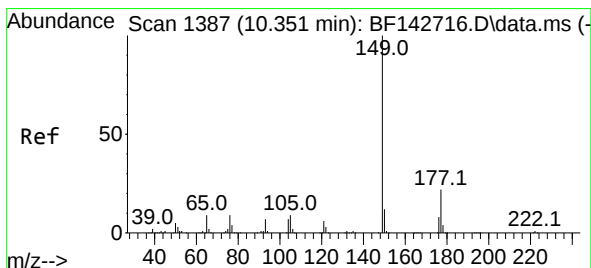
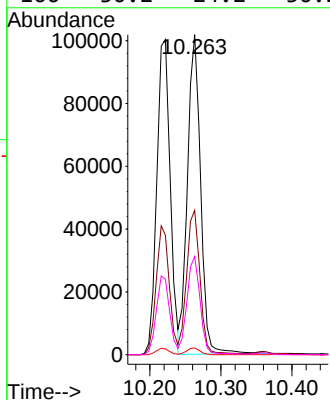
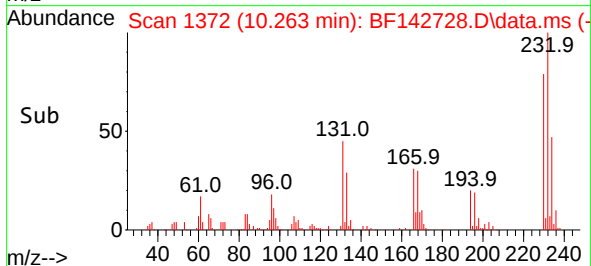


#59
2,3,4,6-Tetrachlorophenol
Concen: 46.041 ng
RT: 10.263 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

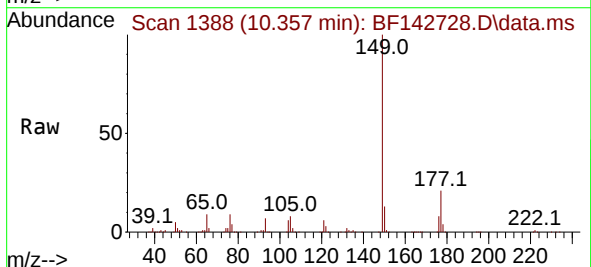
Instrument :
BNA_F
ClientSampleId :



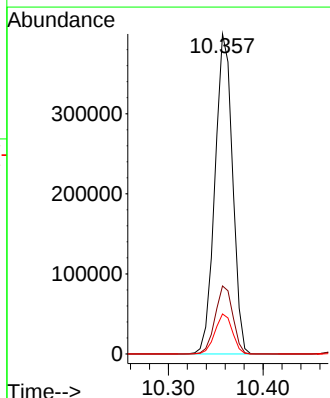
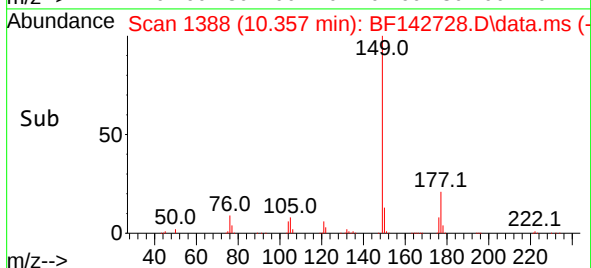
Tgt Ion:232 Resp: 131356
Ion Ratio Lower Upper
232 100
131 46.2 35.8 53.8
130 2.1 1.8 2.6
166 30.2 24.2 36.2

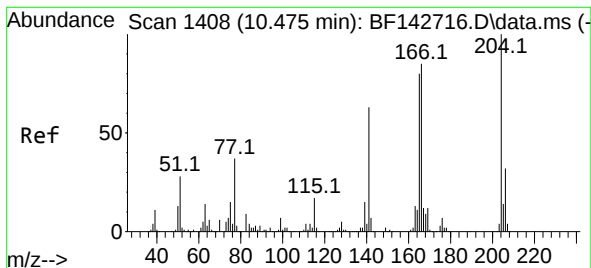


#60
Diethylphthalate
Concen: 46.575 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50



Tgt Ion:149 Resp: 516838
Ion Ratio Lower Upper
149 100
177 21.2 17.4 26.0
150 12.5 10.0 15.0

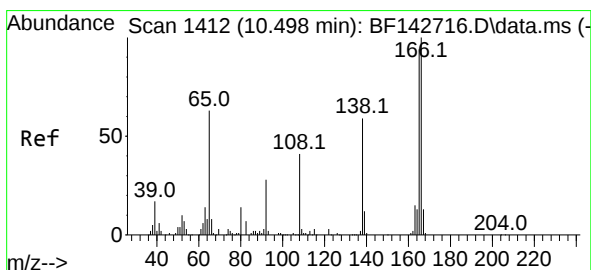
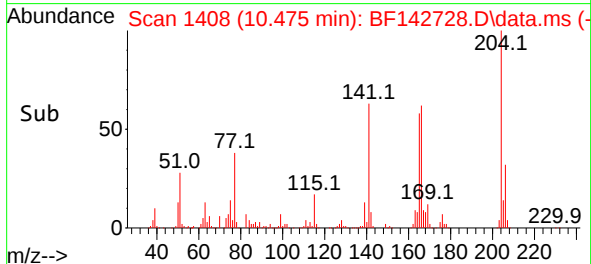
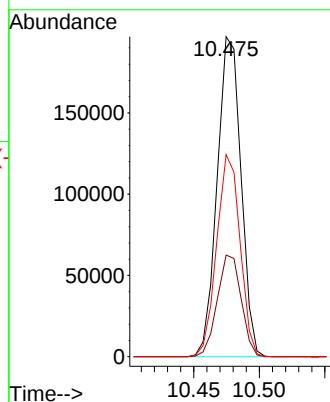
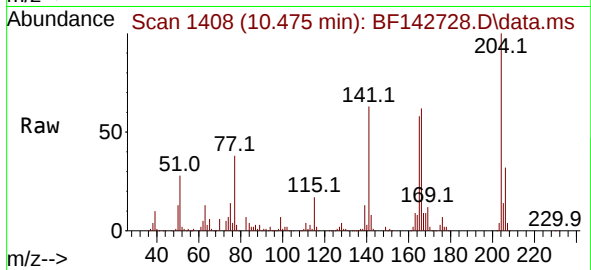




#61
4-Chlorophenyl-phenylether
Concen: 45.137 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

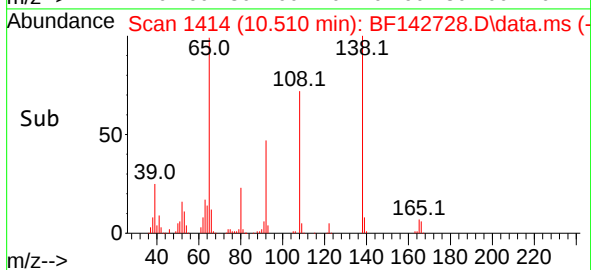
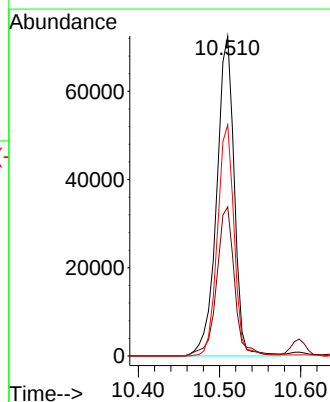
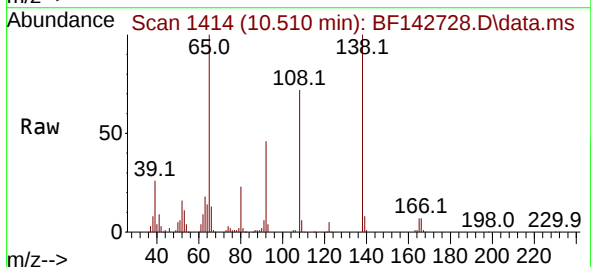
Instrument :
BNA_F
ClientSampleId :

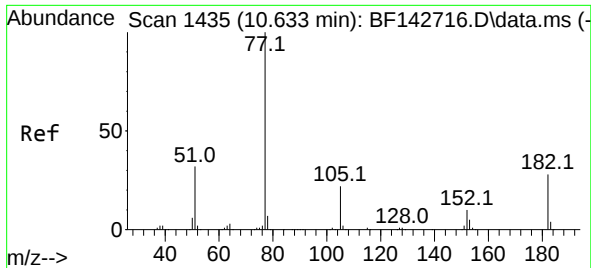
Tgt Ion:204 Resp: 248444
Ion Ratio Lower Upper
204 100
206 31.7 25.9 38.9
141 63.1 50.2 75.4



#62
4-Nitroaniline
Concen: 46.571 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.012 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:138 Resp: 109301
Ion Ratio Lower Upper
138 100
92 46.6 27.2 67.2
108 72.3 49.9 89.9

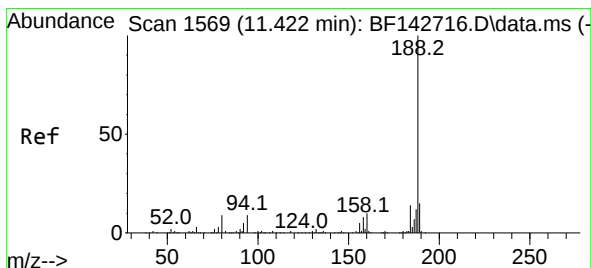
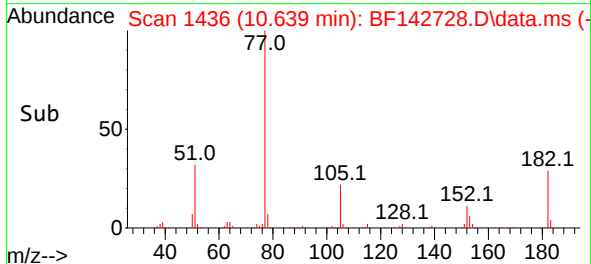
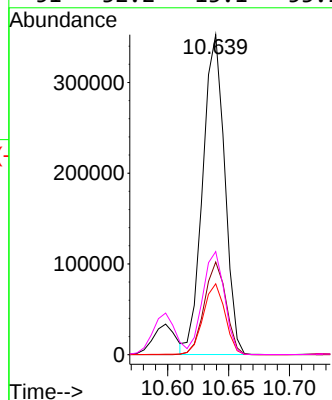
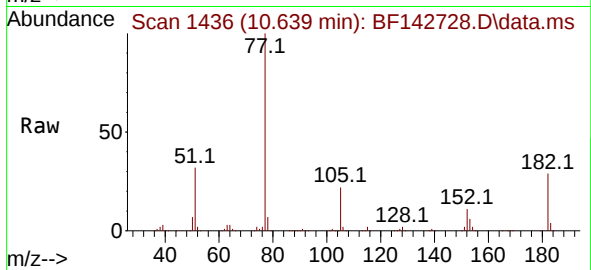




#63
 Azobenzene
 Concen: 45.518 ng
 RT: 10.639 min Scan# 14
 Delta R.T. 0.006 min
 Lab File: BF142728.D
 Acq: 11 Jun 2025 11:50

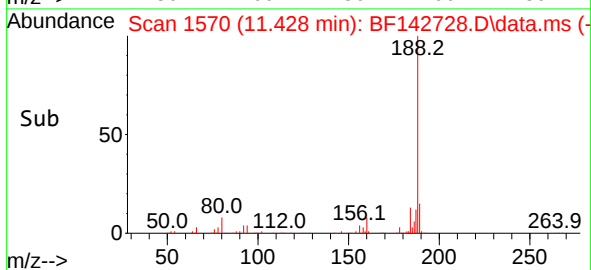
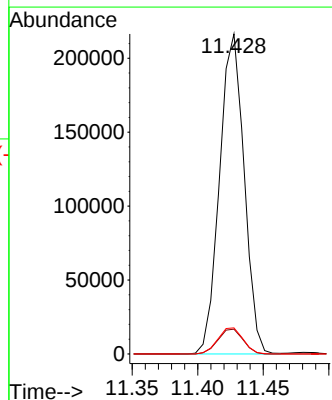
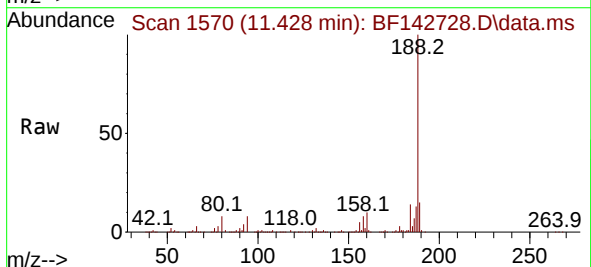
Instrument :
 BNA_F
 ClientSampleId :

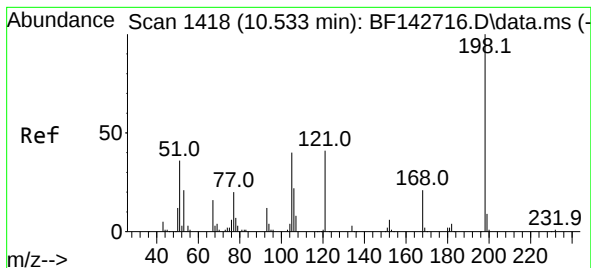
Tgt Ion: 77	Resp: 441139
Ion Ratio	Lower Upper
77 100	
182 28.9	7.8 47.8
105 22.1	1.9 41.9
51 32.2	13.1 53.1



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.428 min Scan# 1570
 Delta R.T. 0.006 min
 Lab File: BF142728.D
 Acq: 11 Jun 2025 11:50

Tgt Ion:188	Resp: 281985
Ion Ratio	Lower Upper
188 100	
94 7.8	6.8 10.2
80 8.2	7.1 10.7

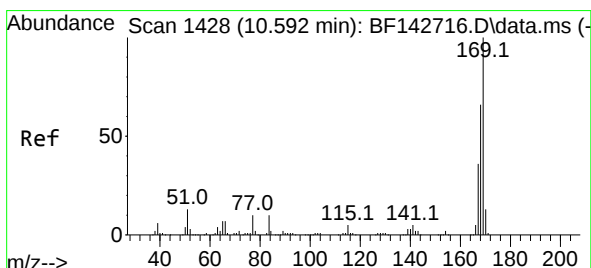
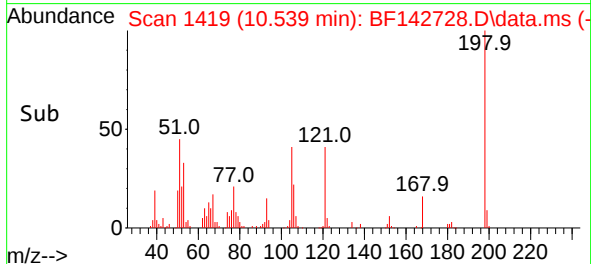
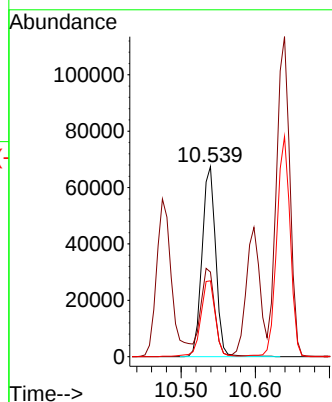
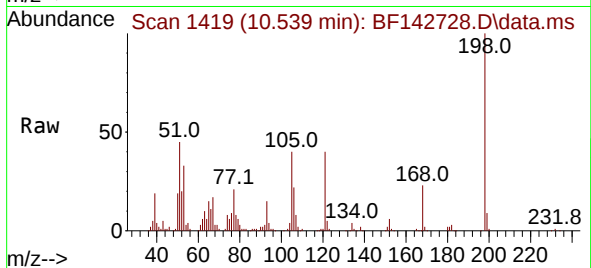




#65
4,6-Dinitro-2-methylphenol
Concen: 48.802 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

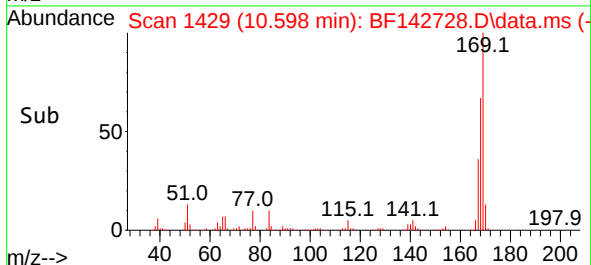
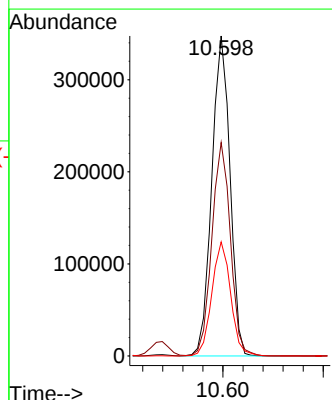
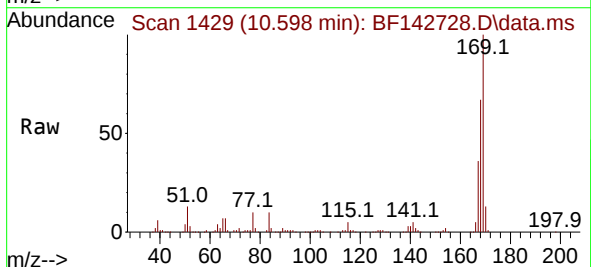
Instrument :
BNA_F
ClientSampleId :

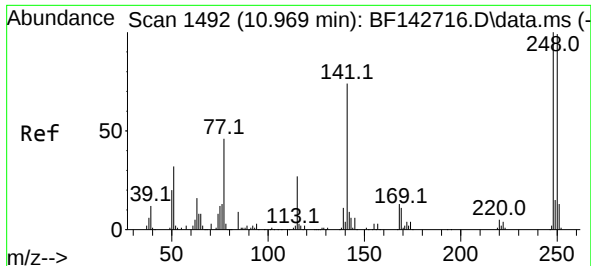
Tgt Ion:198 Resp: 86177
Ion Ratio Lower Upper
198 100
51 44.5 25.5 65.5
105 39.9 21.1 61.1



#66
n-Nitrosodiphenylamine
Concen: 45.128 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

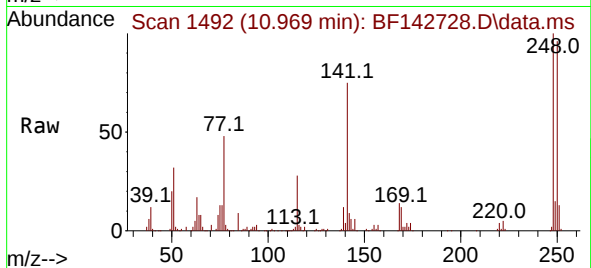
Tgt Ion:169 Resp: 437418
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.4
167 35.7 28.7 43.1



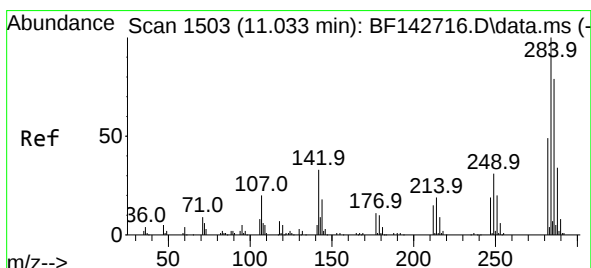
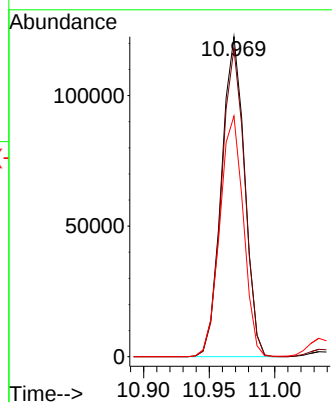
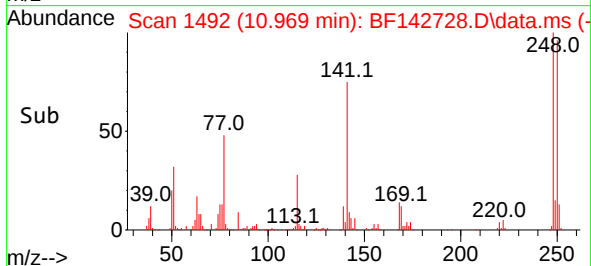


#67
4-Bromophenyl-phenylether
Concen: 45.172 ng
RT: 10.969 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

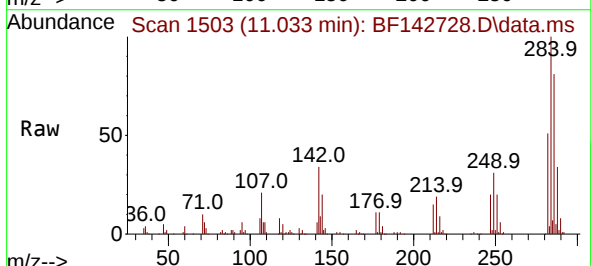
Instrument :
BNA_F
ClientSampleId :



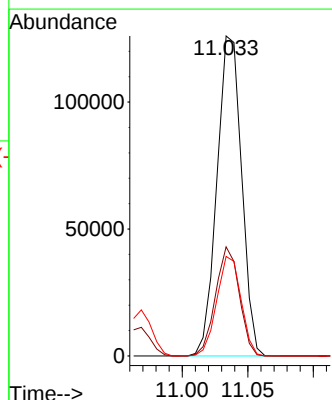
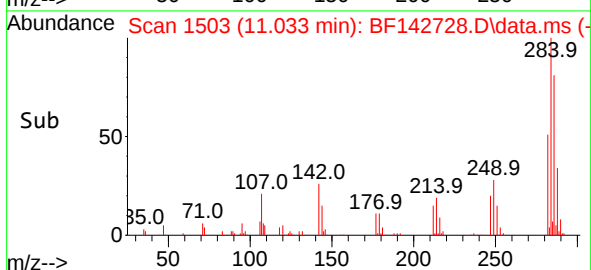
Tgt Ion:248 Resp: 150357
Ion Ratio Lower Upper
248 100
250 96.3 79.2 118.8
141 75.2 59.3 88.9

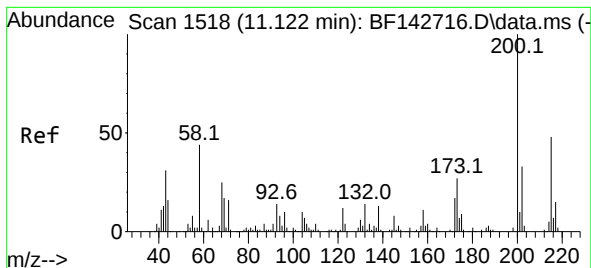


#68
Hexachlorobenzene
Concen: 44.578 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50



Tgt Ion:284 Resp: 164704
Ion Ratio Lower Upper
284 100
142 34.1 26.0 39.0
249 31.1 24.6 37.0





#69

Atrazine

Concen: 49.805 ng

RT: 11.122 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Instrument :

BNA_F

ClientSampleId :

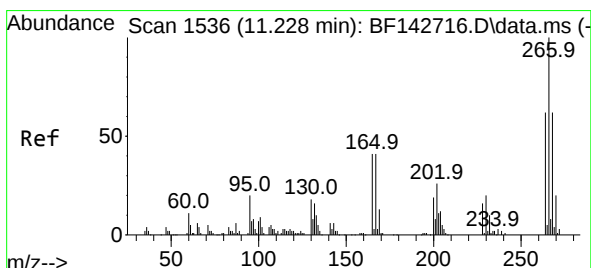
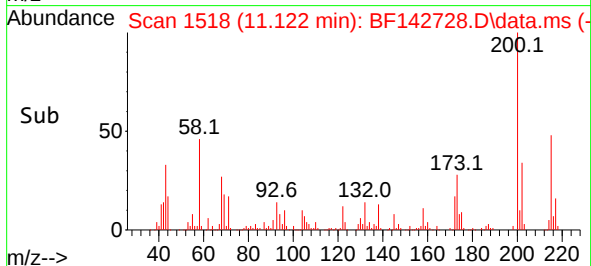
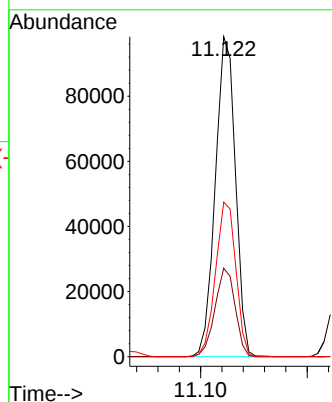
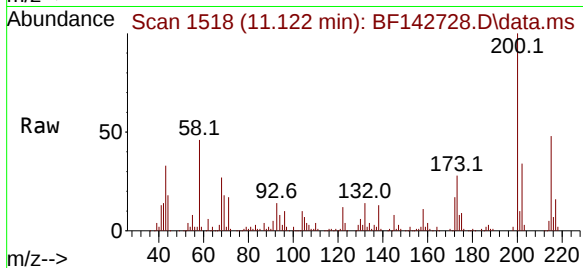
Tgt Ion:200 Resp: 128706

Ion Ratio Lower Upper

200 100

173 27.7 7.4 47.4

215 48.3 28.2 68.2



#70

Pentachlorophenol

Concen: 92.443 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

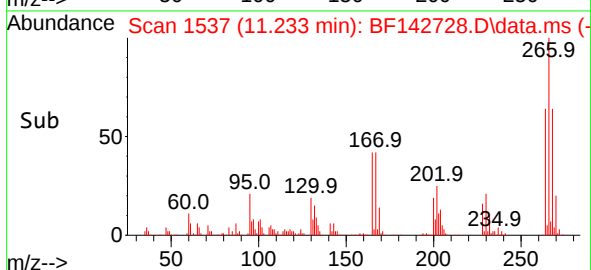
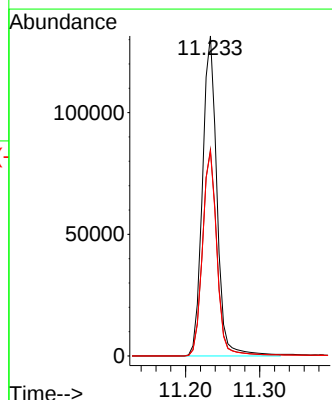
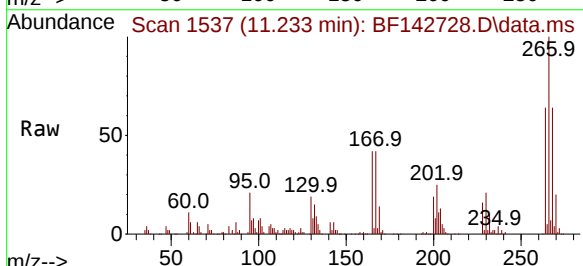
Tgt Ion:266 Resp: 179040

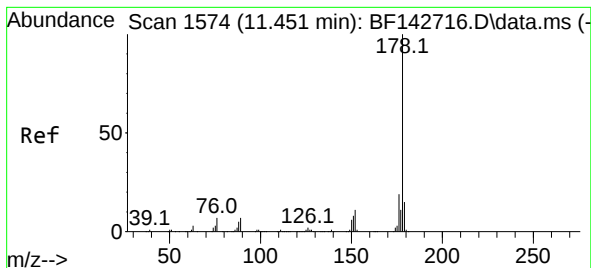
Ion Ratio Lower Upper

266 100

268 64.5 49.6 74.4

264 63.9 49.5 74.3





#71

Phenanthrene

Concen: 44.919 ng

RT: 11.451 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Instrument :

BNA_F

ClientSampleId :

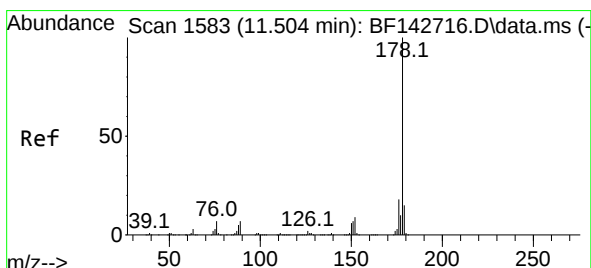
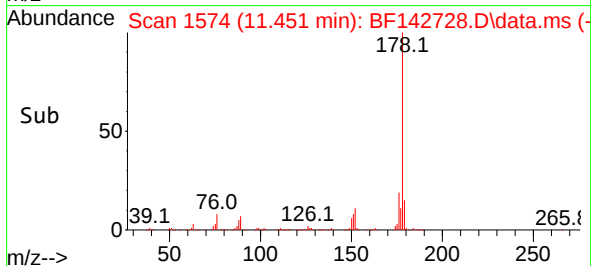
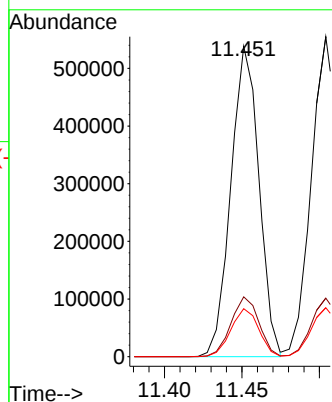
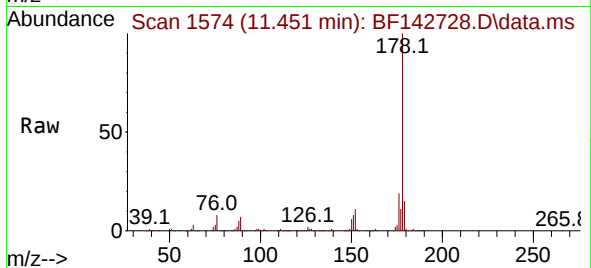
Tgt Ion:178 Resp: 678589

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.5 12.2 18.4



#72

Anthracene

Concen: 44.926 ng

RT: 11.504 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

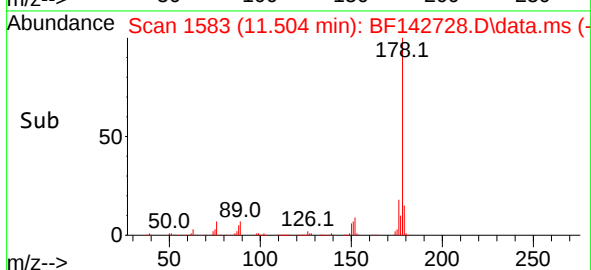
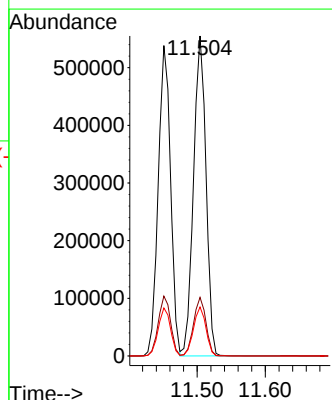
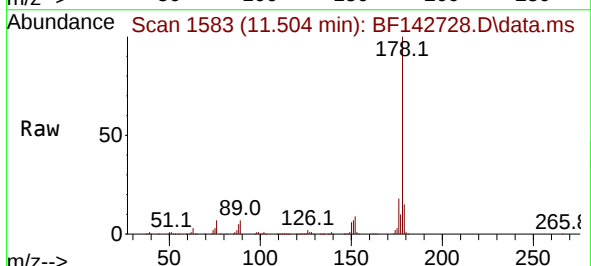
Tgt Ion:178 Resp: 702094

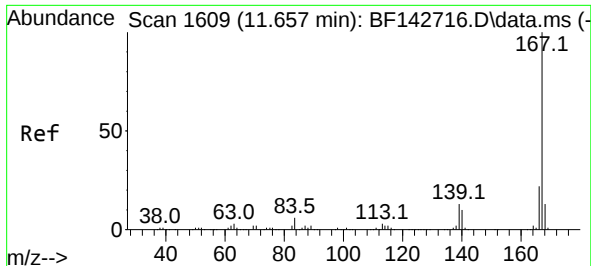
Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

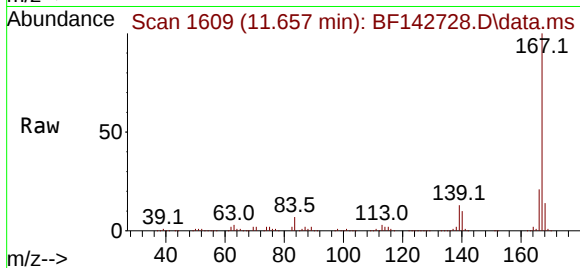
179 15.3 12.2 18.2



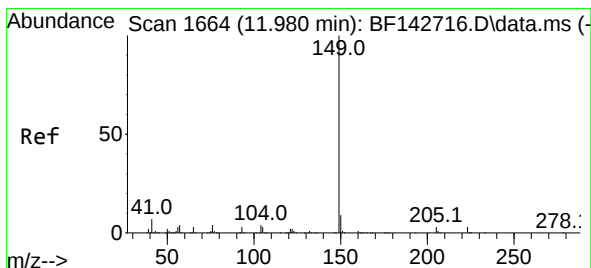
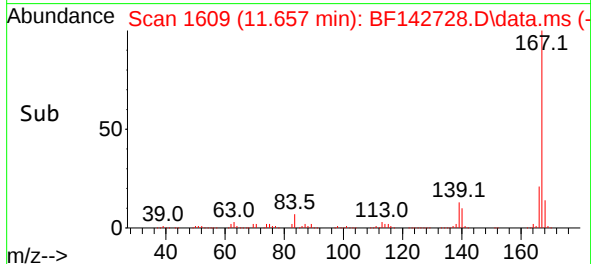
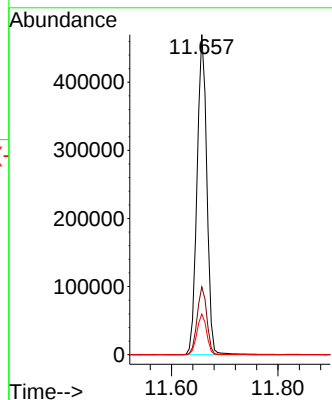


#73
 Carbazole
 Concen: 45.988 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. 0.000 min
 Lab File: BF142728.D
 Acq: 11 Jun 2025 11:50

Instrument :
 BNA_F
 ClientSampleId :

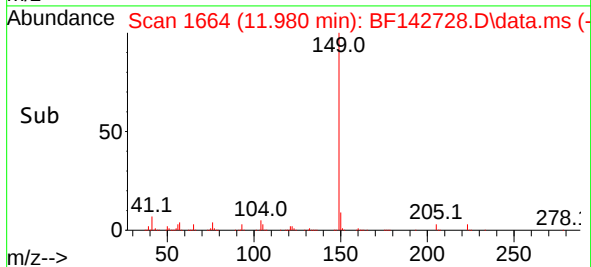
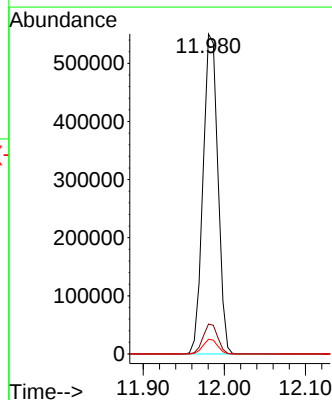
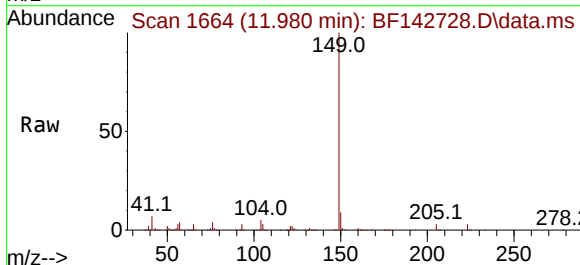


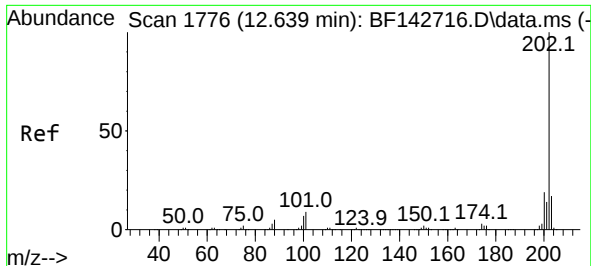
Tgt Ion:167 Resp: 601663
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.7 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 47.886 ng
 RT: 11.980 min Scan# 1664
 Delta R.T. 0.000 min
 Lab File: BF142728.D
 Acq: 11 Jun 2025 11:50

Tgt Ion:149 Resp: 699562
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 4.6 3.4 5.2

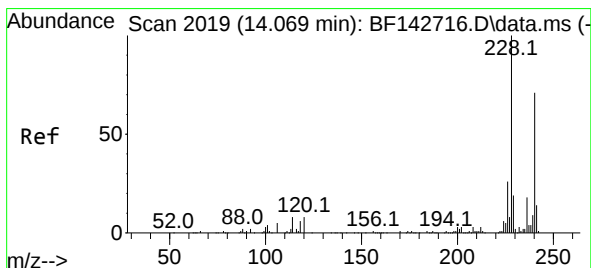
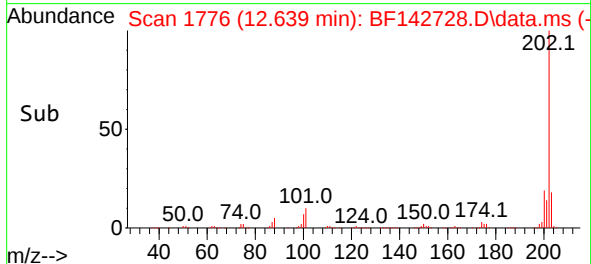
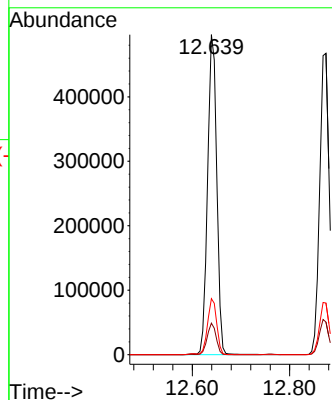
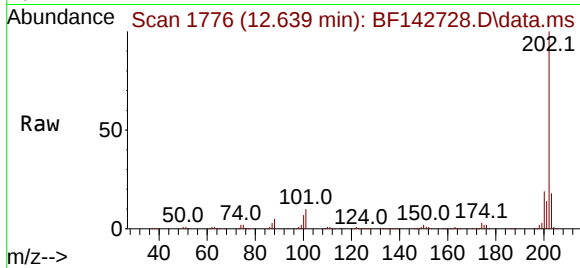




#75
Fluoranthene
Concen: 44.944 ng
RT: 12.639 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

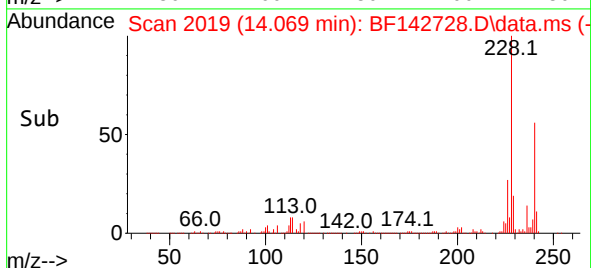
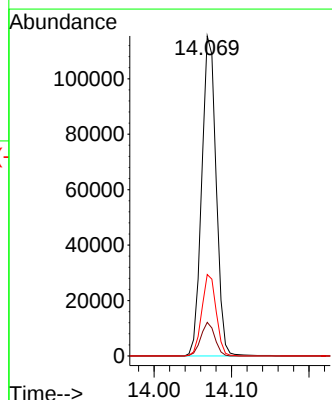
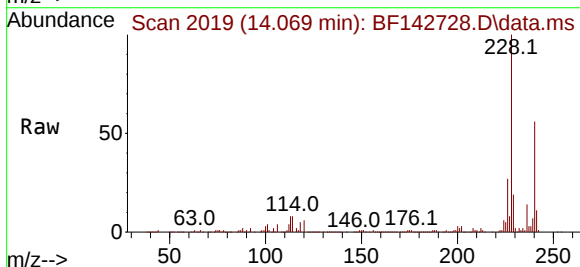
Instrument :
BNA_F
ClientSampleId :

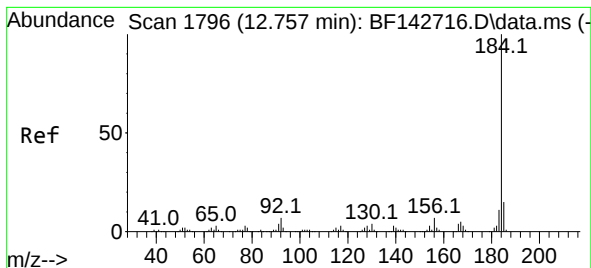
Tgt Ion:202 Resp: 645627
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.5
203 17.5 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:240 Resp: 148975
Ion Ratio Lower Upper
240 100
120 10.5 8.5 12.7
236 25.5 20.1 30.1





#77

Benzidine

Concen: 32.546 ng

RT: 12.763 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Instrument :

BNA_F

ClientSampleId :

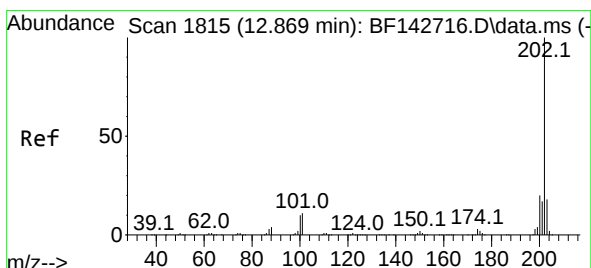
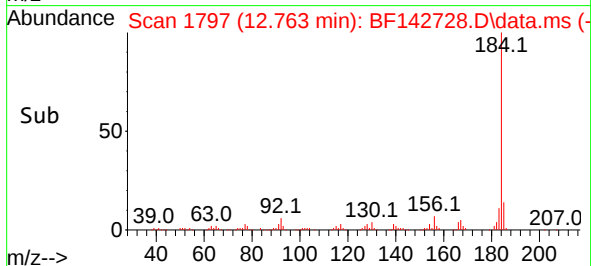
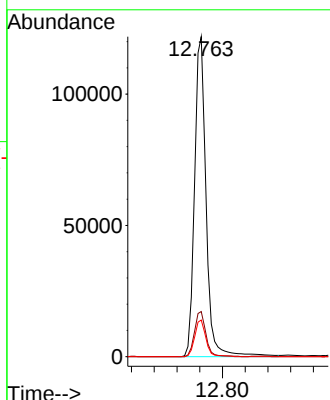
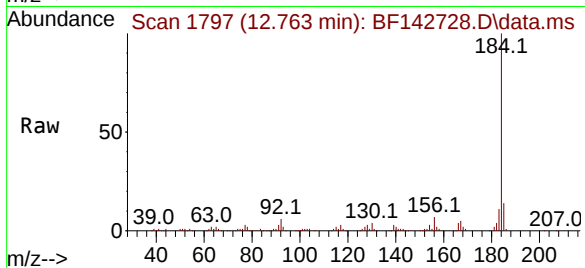
Tgt Ion:184 Resp: 172676

Ion Ratio Lower Upper

184 100

185 14.1 11.7 17.5

183 11.5 8.6 12.8



#78

Pyrene

Concen: 45.628 ng

RT: 12.875 min Scan# 1816

Delta R.T. 0.006 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

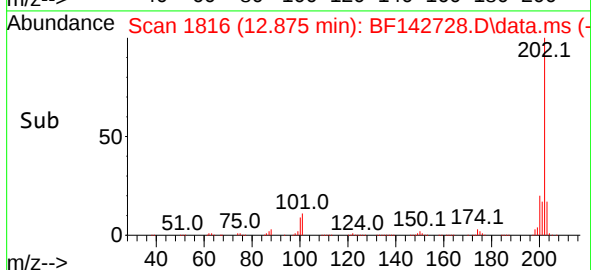
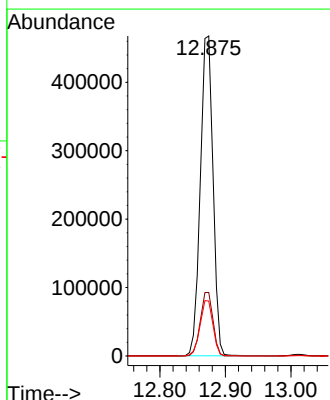
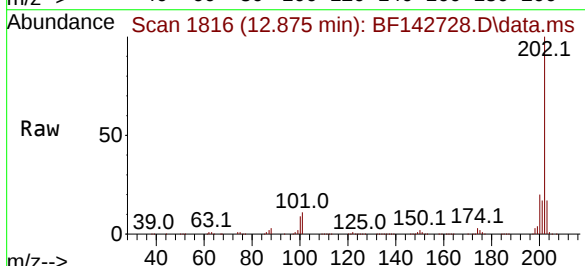
Tgt Ion:202 Resp: 631683

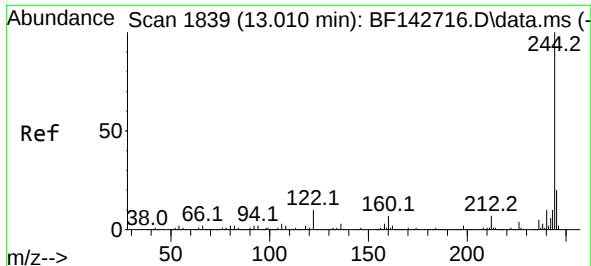
Ion Ratio Lower Upper

202 100

200 19.8 15.8 23.8

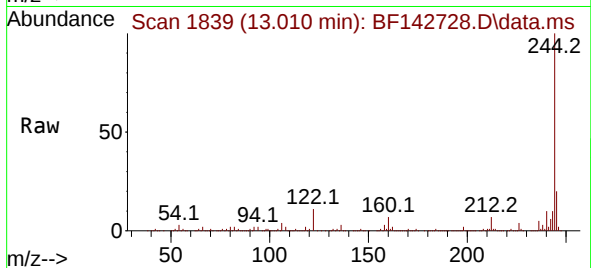
203 17.1 14.1 21.1



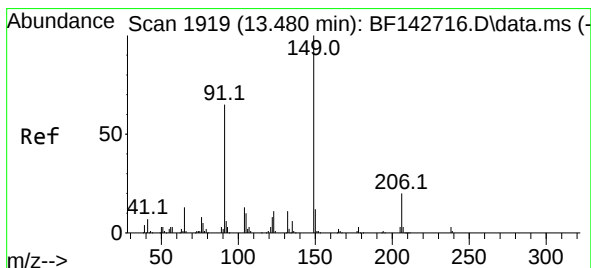
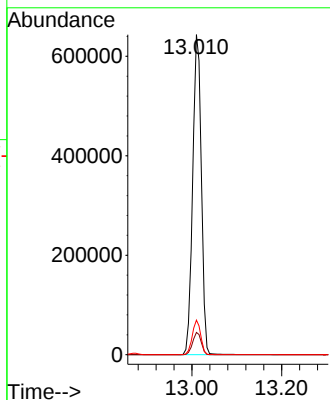
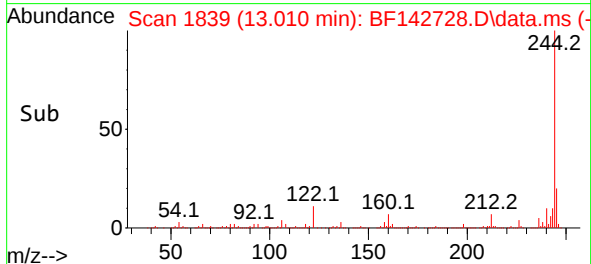


#79
 Terphenyl-d14
 Concen: 79.236 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF142728.D
 Acq: 11 Jun 2025 11:50

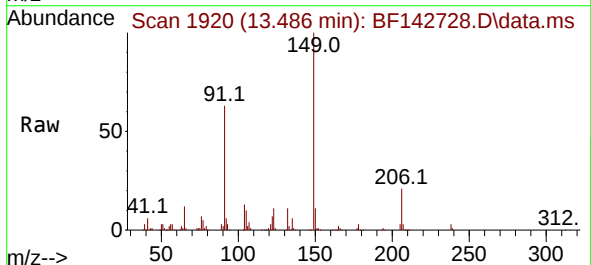
Instrument :
 BNA_F
 ClientSampleId :



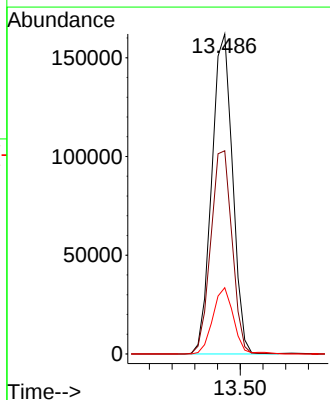
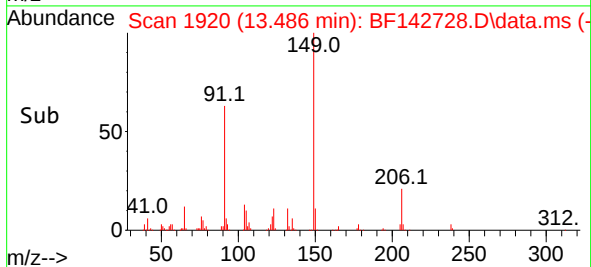
Tgt Ion:244 Resp: 859457
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.8 8.3 12.5

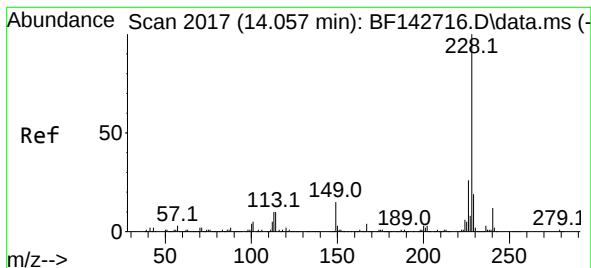


#80
 Butylbenzylphthalate
 Concen: 50.334 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. 0.006 min
 Lab File: BF142728.D
 Acq: 11 Jun 2025 11:50



Tgt Ion:149 Resp: 206062
 Ion Ratio Lower Upper
 149 100
 91 63.5 52.3 78.5
 206 20.7 16.0 24.0





#81

Benzo(a)anthracene

Concen: 47.577 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Instrument :

BNA_F

ClientSampleId :

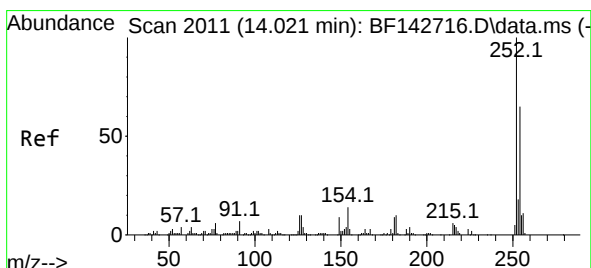
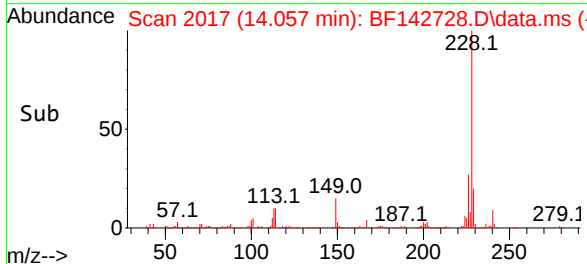
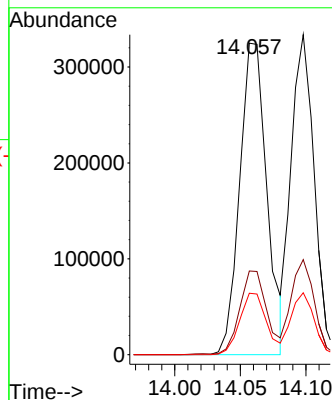
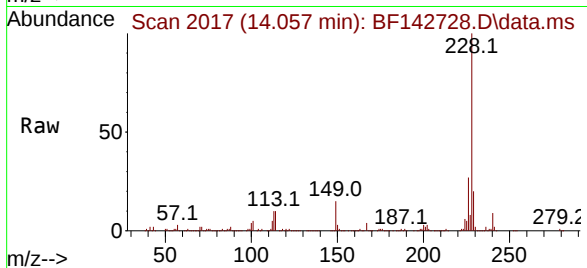
Tgt Ion:228 Resp: 469680

Ion Ratio Lower Upper

228 100

226 26.9 21.0 31.4

229 19.7 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 22.208 ng

RT: 14.022 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

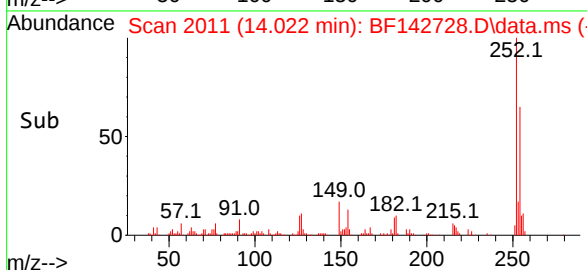
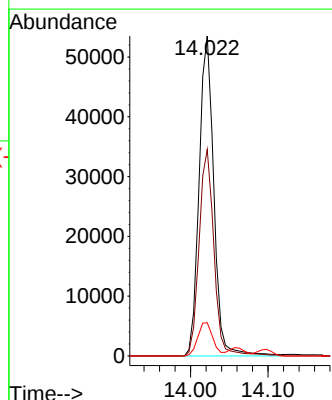
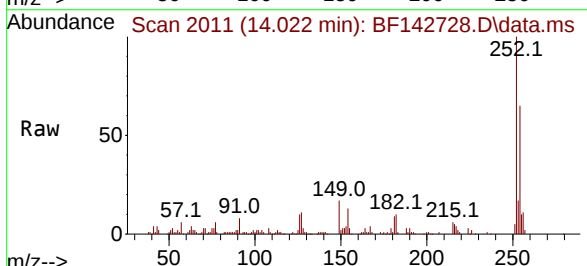
Tgt Ion:252 Resp: 70698

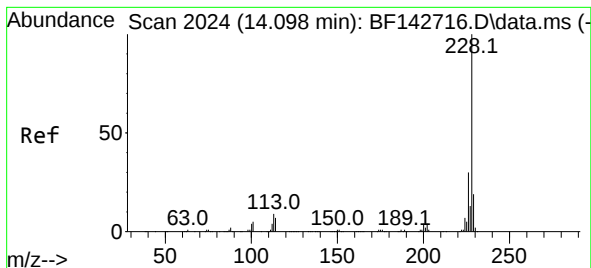
Ion Ratio Lower Upper

252 100

254 64.5 51.8 77.6

126 10.4 8.1 12.1





#83

Chrysene

Concen: 44.809 ng

RT: 14.098 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Instrument :

BNA_F

ClientSampleId :

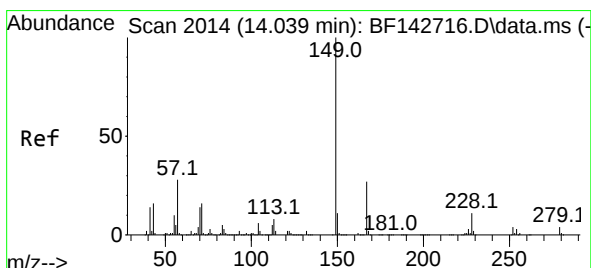
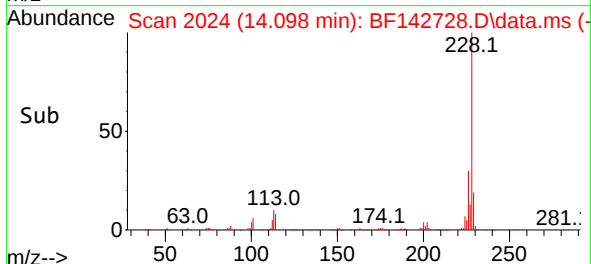
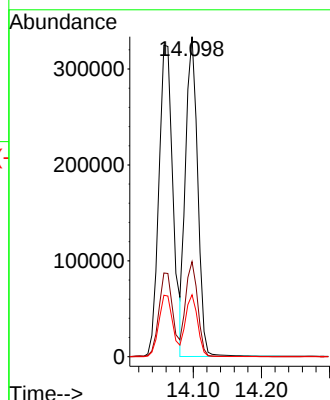
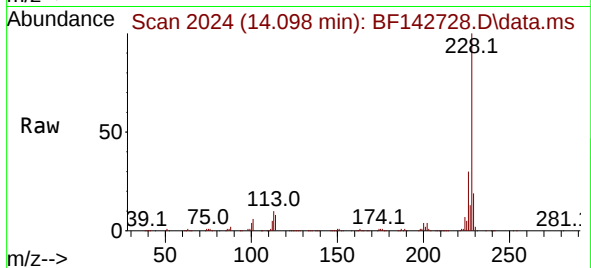
Tgt Ion:228 Resp: 408413

Ion Ratio Lower Upper

228 100

226 29.7 23.6 35.4

229 19.3 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.511 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

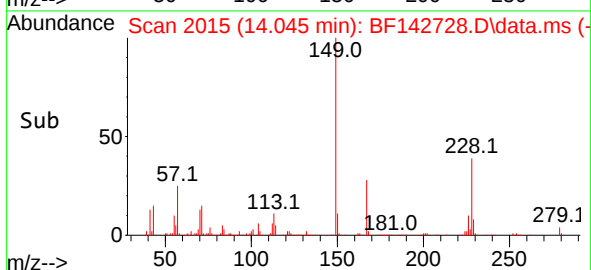
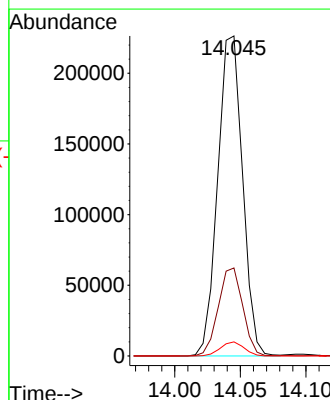
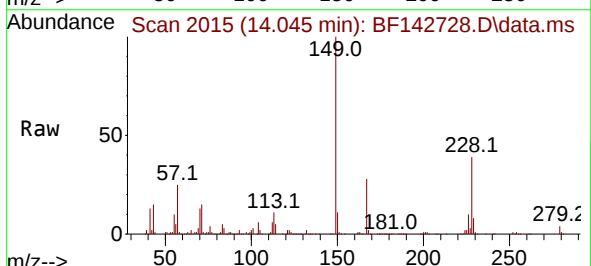
Tgt Ion:149 Resp: 298050

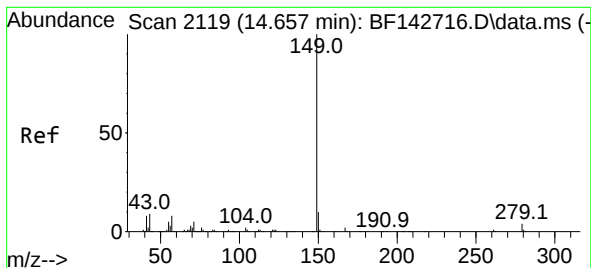
Ion Ratio Lower Upper

149 100

167 27.5 21.4 32.2

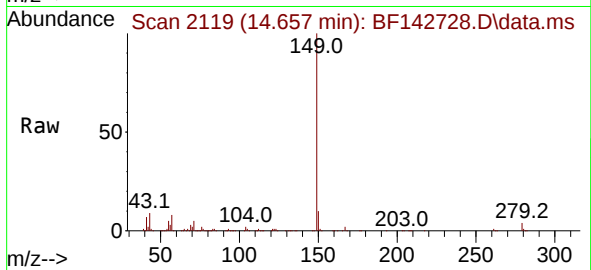
279 4.4 3.0 4.4



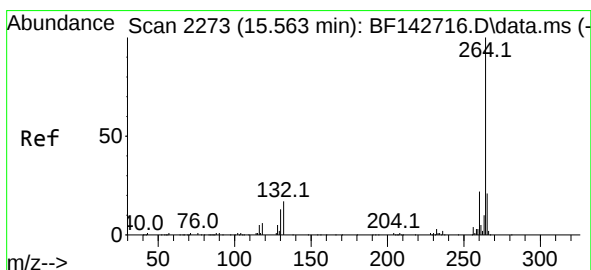
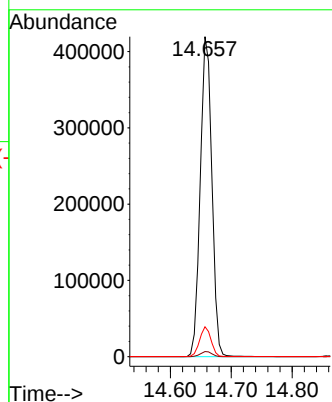
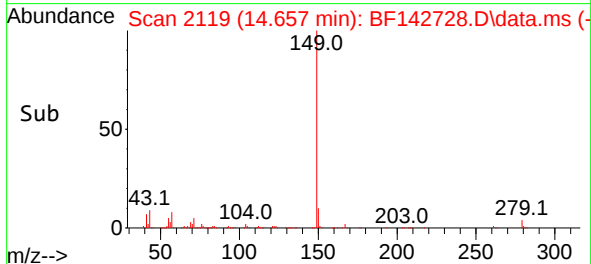


#85
Di-n-octyl phthalate
Concen: 47.148 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Instrument :
BNA_F
ClientSampleId :

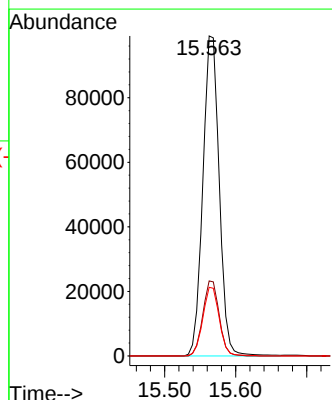
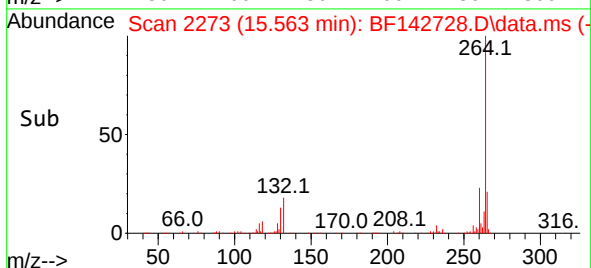
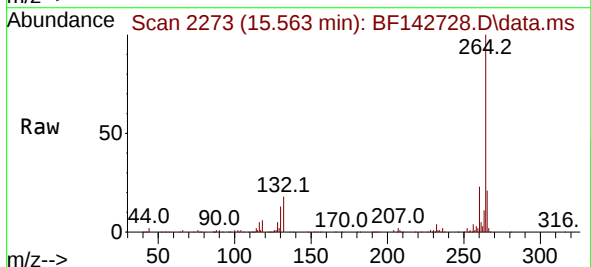


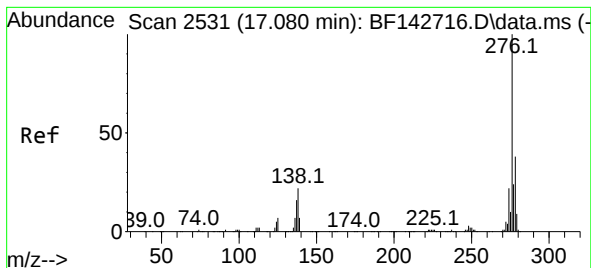
Tgt Ion:149 Resp: 555755
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.1 7.3 10.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF142728.D
Acq: 11 Jun 2025 11:50

Tgt Ion:264 Resp: 159540
Ion Ratio Lower Upper
264 100
260 23.5 17.8 26.6
265 21.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.273 ng

RT: 17.092 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Instrument :

BNA_F

ClientSampleId :

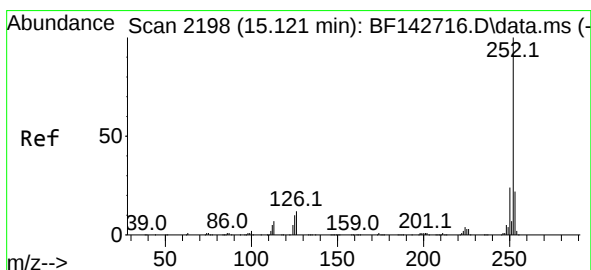
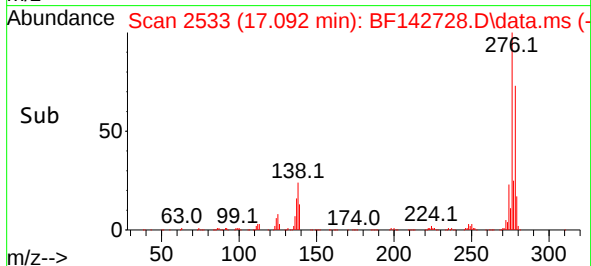
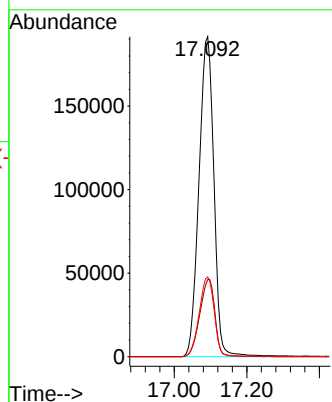
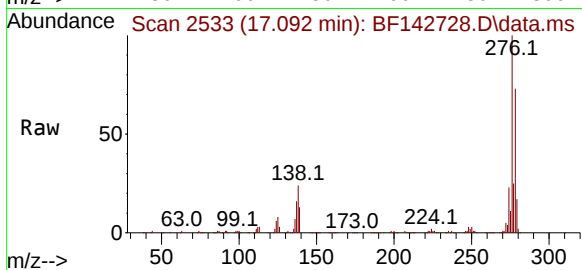
Tgt Ion:276 Resp: 547077

Ion Ratio Lower Upper

276 100

138 24.5 19.3 28.9

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.450 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

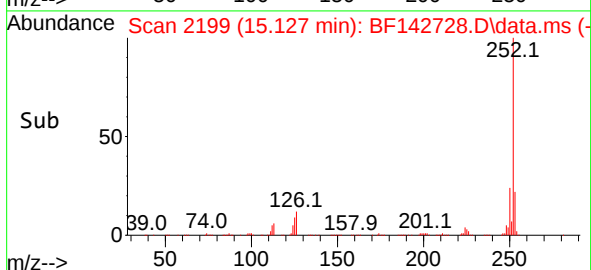
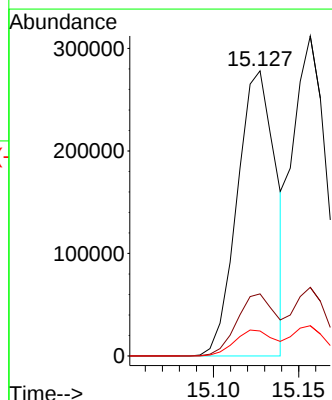
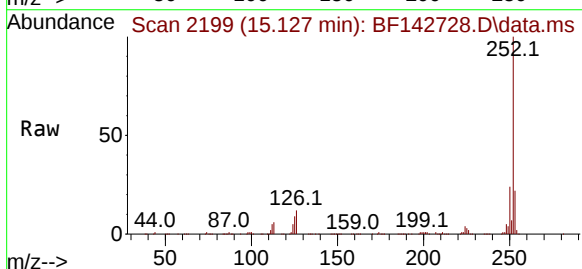
Tgt Ion:252 Resp: 436349

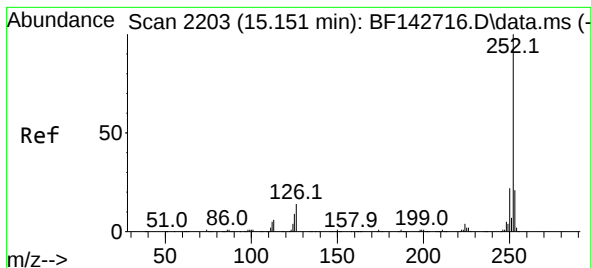
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 8.8 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 47.337 ng

RT: 15.157 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Instrument :

BNA_F

ClientSampleId :

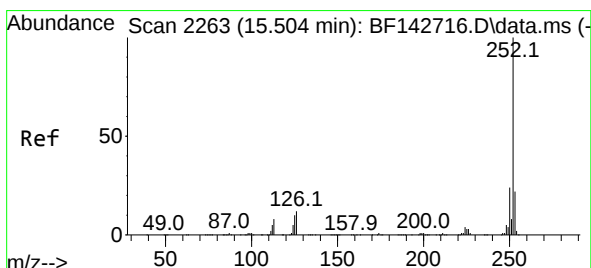
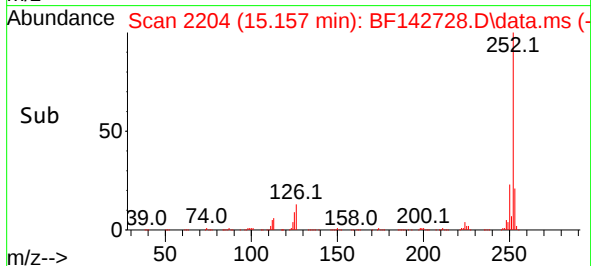
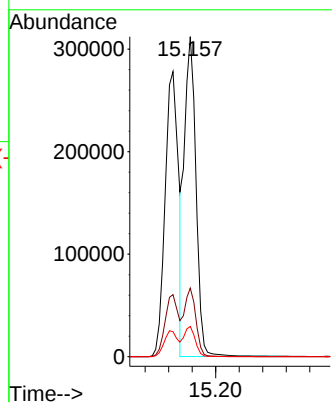
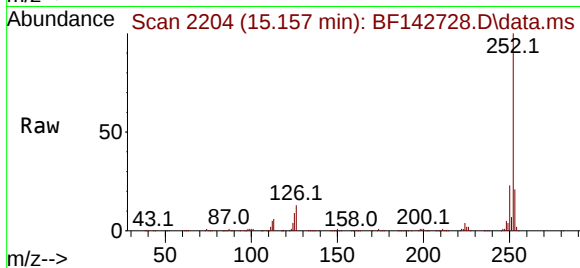
Tgt Ion:252 Resp: 431458

Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 9.4 7.5 11.3



#90

Benzo(a)pyrene

Concen: 47.509 ng

RT: 15.504 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

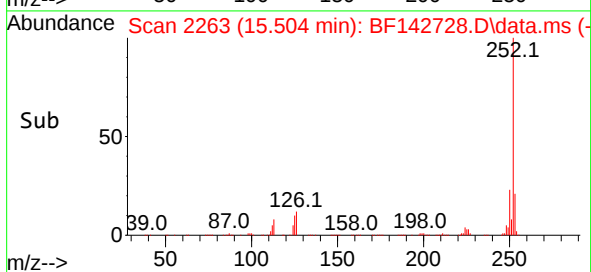
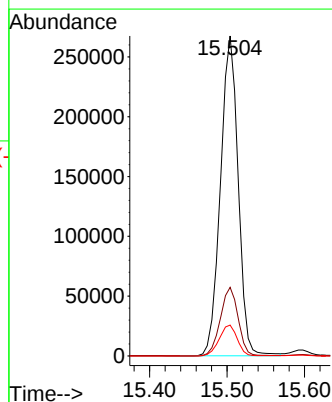
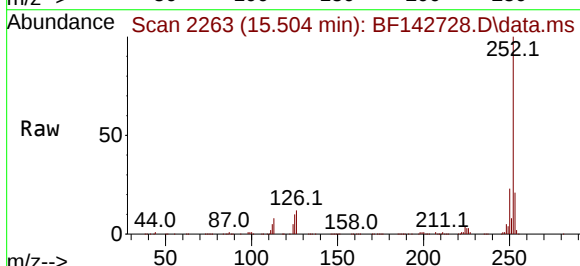
Tgt Ion:252 Resp: 424339

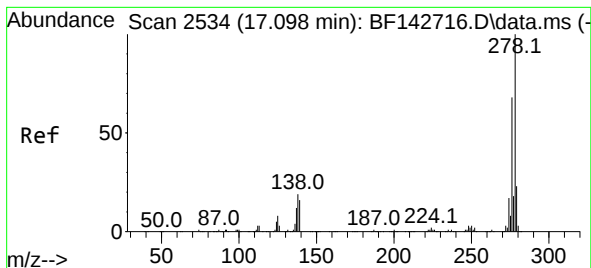
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 9.7 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 46.562 ng

RT: 17.104 min Scan# 2

Delta R.T. 0.006 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Instrument :

BNA_F

ClientSampleId :

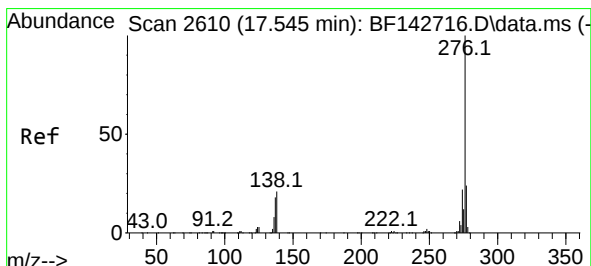
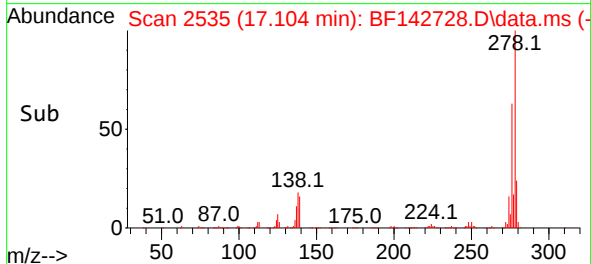
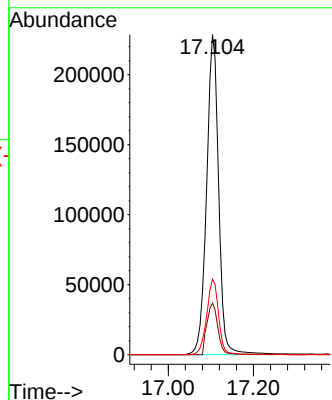
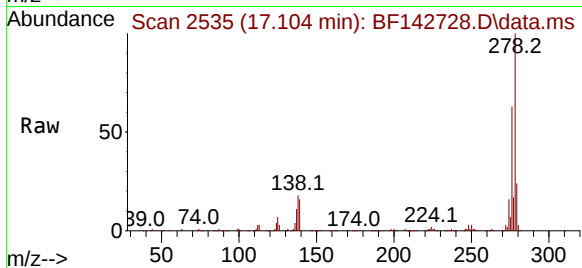
Tgt Ion:278 Resp: 449495

Ion Ratio Lower Upper

278 100

139 16.1 12.8 19.2

279 23.6 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 45.623 ng

RT: 17.551 min Scan# 2611

Delta R.T. 0.006 min

Lab File: BF142728.D

Acq: 11 Jun 2025 11:50

Tgt Ion:276 Resp: 437957

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 20.4 16.4 24.6

