

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
 Data File : BF142488.D
 Acq On : 21 May 2025 15:34
 Operator : RC/JU
 Sample : Q2075-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-11MSD

Quant Time: May 21 16:00:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	53473	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	192497	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	95696	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	179294	20.000	ng	0.00
76) Chrysene-d12	14.068	240	174160	20.000	ng	0.00
86) Perylene-d12	15.557	264	147670	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	304079	95.805	ng	-0.01
7) Phenol-d6	6.516	99	365334	95.621	ng	-0.02
23) Nitrobenzene-d5	7.457	82	210235	59.553	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	113033	106.424	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	388254	54.441	ng	-0.01
79) Terphenyl-d14	13.010	244	512173	40.188	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	46460	36.580	ng	97
3) Pyridine	3.410	79	126162	39.007	ng	99
4) n-Nitrosodimethylamine	3.346	42	67799	40.373	ng	96
6) Aniline	6.557	93	112810	21.959	ng	99
8) 2-Chlorophenol	6.681	128	139131	40.245	ng	98
9) Benzaldehyde	6.445	77	86641	37.703	ng	99
10) Phenol	6.528	94	171228	39.829	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	121333	39.208	ng	100
12) 1,3-Dichlorobenzene	6.840	146	155190	40.230	ng	98
13) 1,4-Dichlorobenzene	6.916	146	155412	39.995	ng	98
14) 1,2-Dichlorobenzene	7.069	146	149202	40.127	ng	98
15) Benzyl Alcohol	7.034	79	108038	38.264	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	198589	38.213	ng	100
17) 2-Methylphenol	7.145	107	105761	39.184	ng	97
18) Hexachloroethane	7.410	117	53195	39.204	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	86737	36.631	ng	98
20) 3+4-Methylphenols	7.292	107	134110	38.800	ng	# 87
22) Acetophenone	7.304	105	181145	42.510	ng	99
24) Nitrobenzene	7.475	77	132830	41.719	ng	99
25) Isophorone	7.716	82	230066	38.979	ng	98
26) 2-Nitrophenol	7.792	139	71728	42.161	ng	98
27) 2,4-Dimethylphenol	7.828	122	121560	40.517	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	142931	38.766	ng	99
29) 2,4-Dichlorophenol	8.034	162	110236	40.402	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	123234	41.617	ng	98
31) Naphthalene	8.204	128	394689	41.641	ng	99
32) Benzoic acid	7.916	122	69677	38.152	ng	100
33) 4-Chloroaniline	8.251	127	39518	10.289	ng	98
34) Hexachlorobutadiene	8.322	225	75196	40.670	ng	99
35) Caprolactam	8.598	113	35475	46.294	ng	92
36) 4-Chloro-3-methylphenol	8.728	107	109810	39.271	ng	97
37) 2-Methylnaphthalene	8.892	142	240543	40.339	ng	99
38) 1-Methylnaphthalene	8.992	142	248451	40.280	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	118777	43.238	ng	98
41) Hexachlorocyclopentadiene	9.051	237	151109	81.543	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	77212	41.683	ng	96

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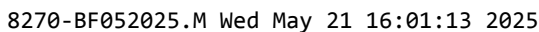
Instrument :
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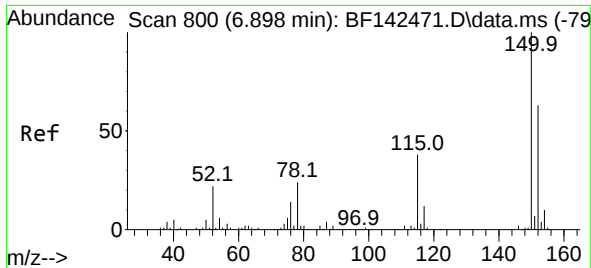
Quant Time: May 21 16:00:05 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	80798	41.359	ng	98
46) 1,1'-Biphenyl	9.357	154	318472	42.896	ng	99
47) 2-Chloronaphthalene	9.381	162	232356	42.360	ng	99
48) 2-Nitroaniline	9.475	65	69874	44.071	ng	99
49) Acenaphthylene	9.798	152	396591	42.817	ng	100
50) Dimethylphthalate	9.651	163	265370	42.027	ng	99
51) 2,6-Dinitrotoluene	9.716	165	58315	42.790	ng	100
52) Acenaphthene	9.969	154	265263	46.901	ng	99
53) 3-Nitroaniline	9.886	138	39078	26.253	ng	96
54) 2,4-Dinitrophenol	9.992	184	68143	96.781	ng	96
55) Dibenzofuran	10.145	168	342315	42.059	ng	98
56) 4-Nitrophenol	10.039	139	117563	107.039	ng	100
57) 2,4-Dinitrotoluene	10.116	165	82986	46.626	ng	95
58) Fluorene	10.486	166	270781	43.065	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	67912	41.641	ng	# 97
60) Diethylphthalate	10.357	149	263021	42.650	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	127605	41.312	ng	97
62) 4-Nitroaniline	10.498	138	66970	49.607	ng	99
63) Azobenzene	10.639	77	253765	45.814	ng	96
65) 4,6-Dinitro-2-methylph...	10.528	198	44708	44.681	ng	97
66) n-Nitrosodiphenylamine	10.592	169	239679	39.074	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	77907	36.748	ng	99
68) Hexachlorobenzene	11.033	284	89239	38.058	ng	98
69) Atrazine	11.122	200	80957	49.697	ng	99
70) Pentachlorophenol	11.227	266	118109	89.217	ng	99
71) Phenanthrene	11.451	178	416981	43.518	ng	99
72) Anthracene	11.504	178	425552	43.517	ng	99
73) Carbazole	11.657	167	425725	50.924	ng	99
74) Di-n-butylphthalate	11.986	149	464959	50.811	ng	100
75) Fluoranthene	12.639	202	529880	59.183	ng	99
77) Benzidine	12.763	184	260706	40.226	ng	99
78) Pyrene	12.869	202	555060	34.165	ng	100
80) Butylbenzylphthalate	13.486	149	219971	49.000	ng	98
81) Benzo(a)anthracene	14.057	228	488067	41.968	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	71192	20.183	ng	99
83) Chrysene	14.092	228	449179	42.984	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	300378	52.268	ng	100
85) Di-n-octyl phthalate	14.663	149	480004	42.717	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	397462	35.852	ng	100
88) Benzo(b)fluoranthene	15.121	252	398076	45.547	ng	98
89) Benzo(k)fluoranthene	15.151	252	375338	45.852	ng	99
90) Benzo(a)pyrene	15.498	252	358666	43.537	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	318429	35.415	ng	100
92) Benzo(g,h,i)perylene	17.521	276	318190	35.381	ng	99

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

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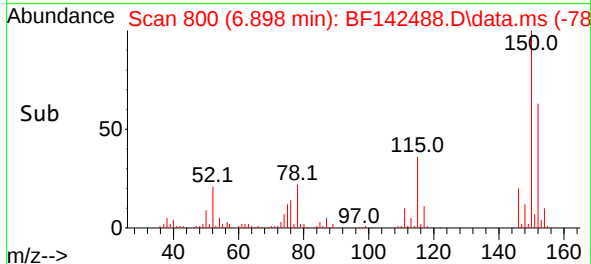
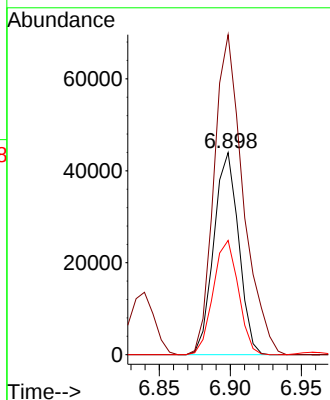
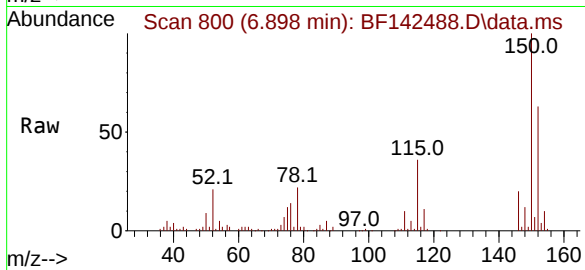




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142488.D
 Acq: 21 May 2025 15:34

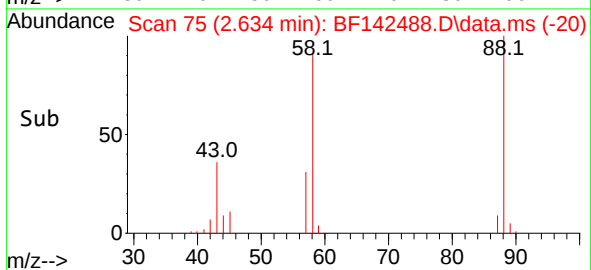
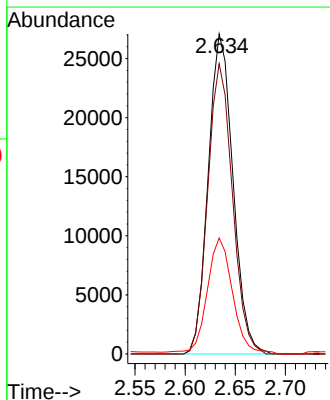
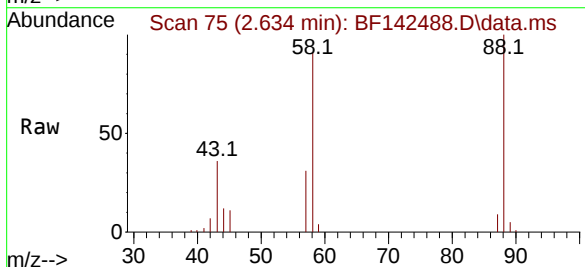
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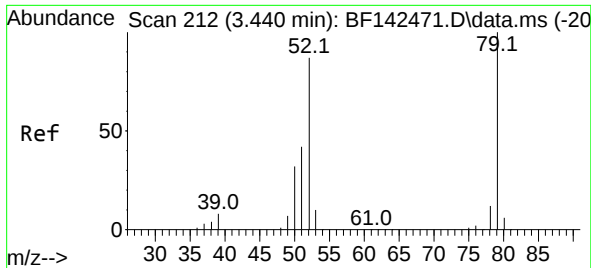
Tgt Ion:152 Resp: 53473
 Ion Ratio Lower Upper
 152 100
 150 158.3 128.2 192.4
 115 56.5 48.3 72.5



#2
 1,4-Dioxane
 Concen: 36.580 ng
 RT: 2.634 min Scan# 75
 Delta R.T. -0.029 min
 Lab File: BF142488.D
 Acq: 21 May 2025 15:34

Tgt Ion: 88 Resp: 46460
 Ion Ratio Lower Upper
 88 100
 58 90.3 70.8 106.2
 43 37.5 26.6 40.0

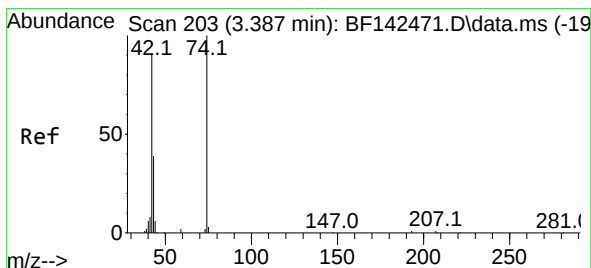
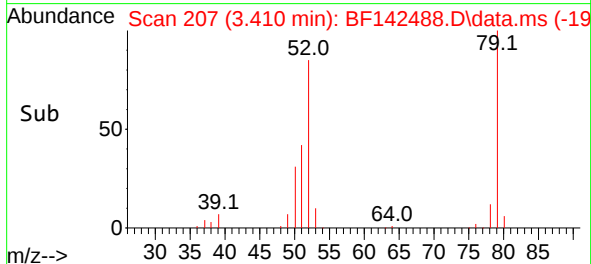
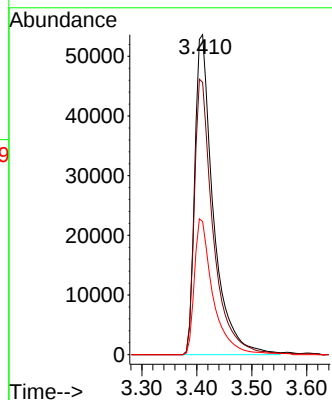
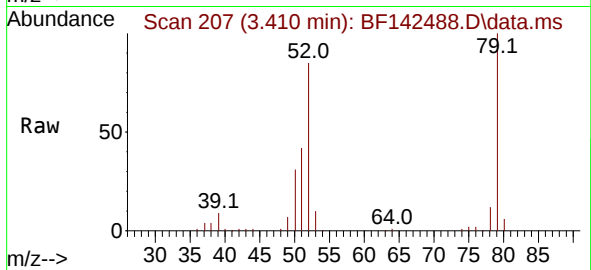




#3
Pyridine
Concen: 39.007 ng
RT: 3.410 min Scan# 20
Delta R.T. -0.029 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

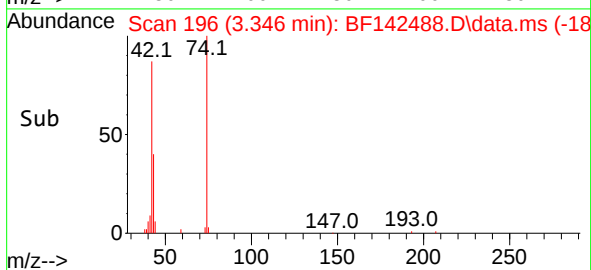
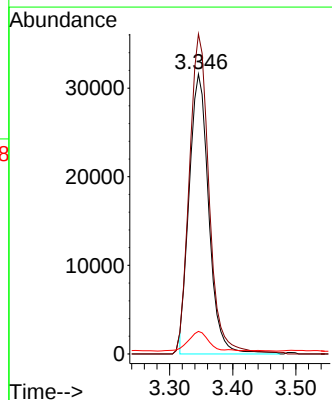
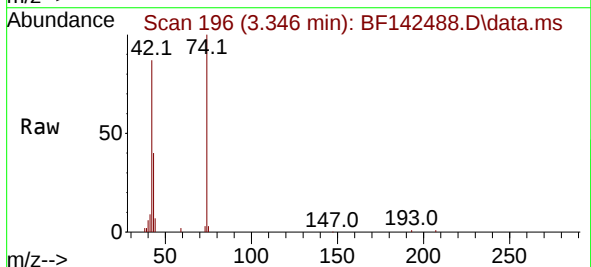
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

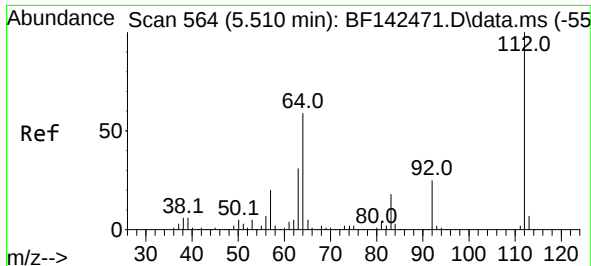
Tgt Ion: 79 Resp: 126162
Ion Ratio Lower Upper
79 100
52 85.1 69.2 103.8
51 41.6 33.3 49.9



#4
n-Nitrosodimethylamine
Concen: 40.373 ng
RT: 3.346 min Scan# 196
Delta R.T. -0.059 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion: 42 Resp: 67799
Ion Ratio Lower Upper
42 100
74 114.4 88.2 132.4
44 8.1 5.4 8.2

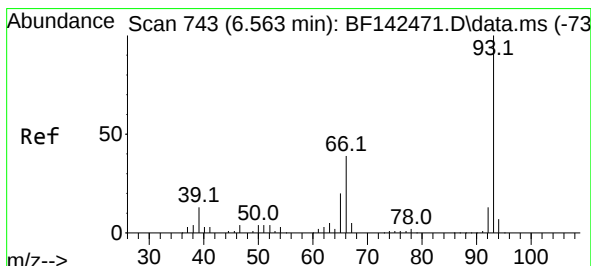
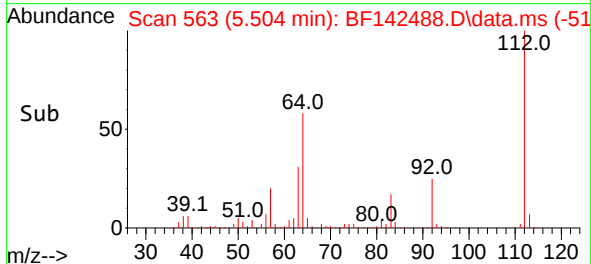
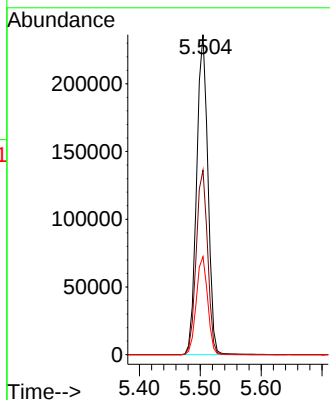
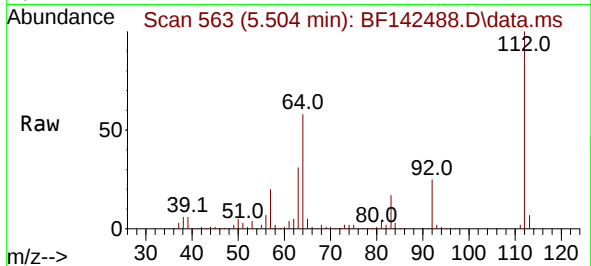




#5
2-Fluorophenol
Concen: 95.805 ng
RT: 5.504 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

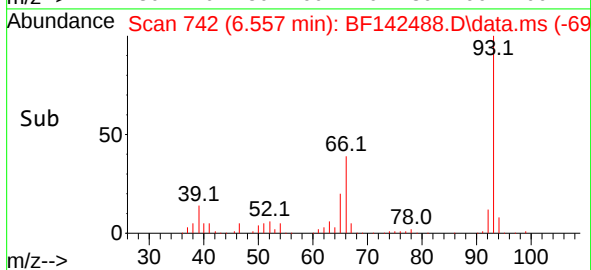
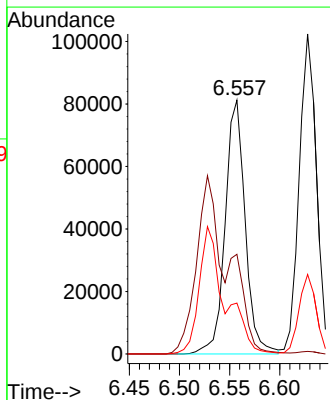
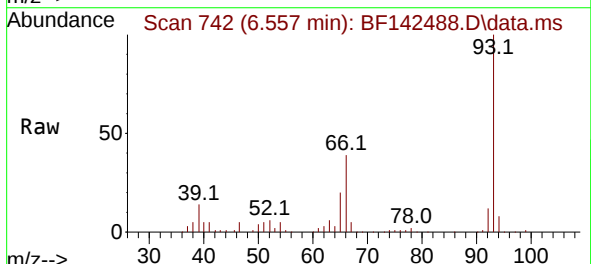
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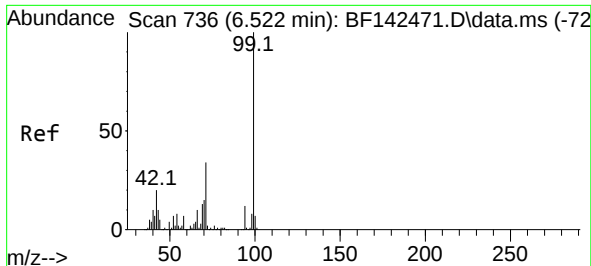
Tgt Ion:112 Resp: 304079
Ion Ratio Lower Upper
112 100
64 57.7 47.5 71.3
63 30.7 24.9 37.3



#6
Aniline
Concen: 21.959 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion: 93 Resp: 112810
Ion Ratio Lower Upper
93 100
66 39.2 32.0 48.0
65 20.1 16.1 24.1





#7

Phenol-d6

Concen: 95.621 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF142488.D

Acq: 21 May 2025 15:34

Instrument :

BNA_F

ClientSampleId :

SS-11MSD

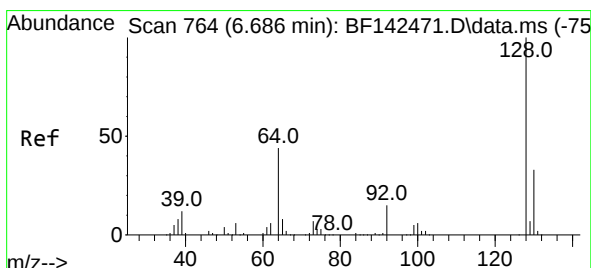
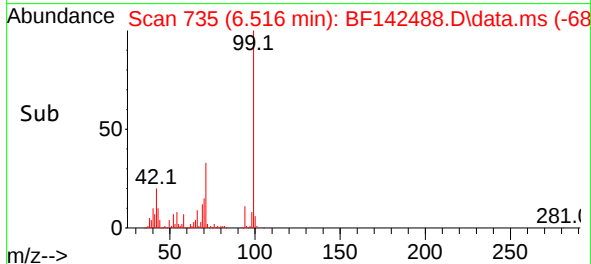
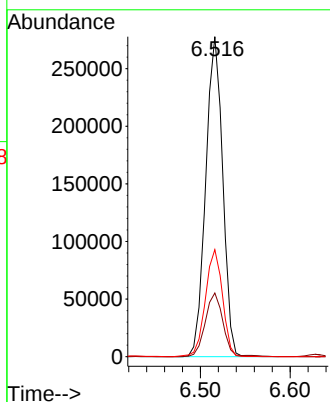
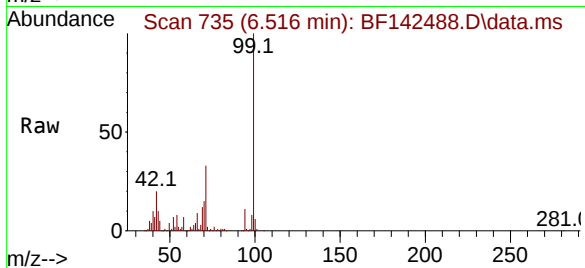
Tgt Ion: 99 Resp: 365334

Ion Ratio Lower Upper

99 100

42 19.9 16.2 24.2

71 33.5 27.3 40.9



#8

2-Chlorophenol

Concen: 40.245 ng

RT: 6.681 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF142488.D

Acq: 21 May 2025 15:34

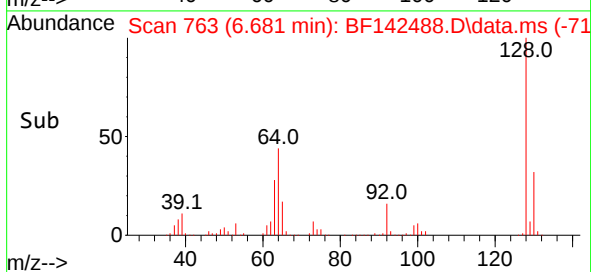
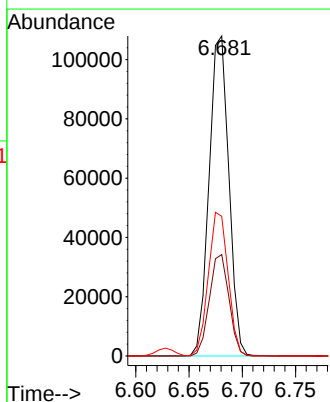
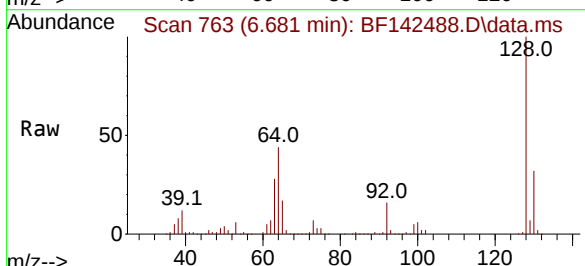
Tgt Ion:128 Resp: 139131

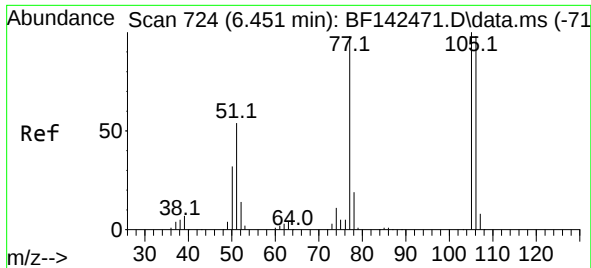
Ion Ratio Lower Upper

128 100

130 31.7 12.6 52.6

64 43.7 25.1 65.1





#9

Benzaldehyde

Concen: 37.703 ng

RT: 6.445 min Scan# 71

Delta R.T. -0.006 min

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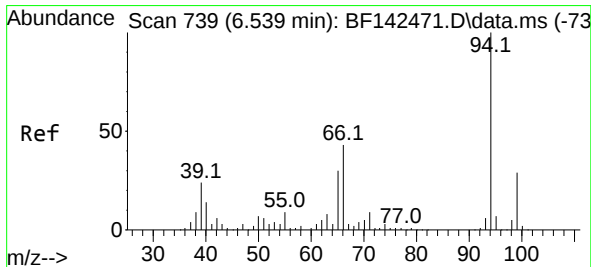
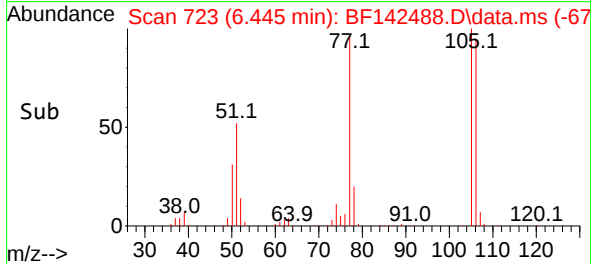
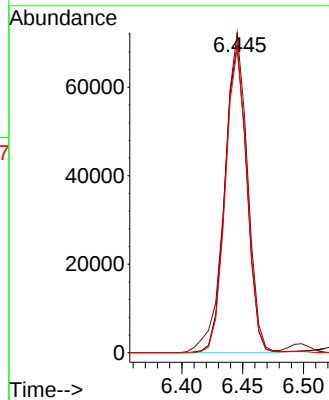
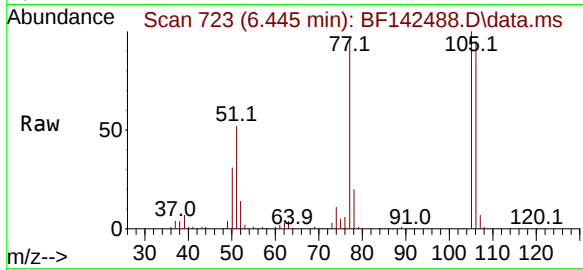
Tgt Ion: 77 Resp: 86641

Ion Ratio Lower Upper

77 100

105 104.0 82.5 122.5

106 99.1 80.0 120.0



#10

Phenol

Concen: 39.829 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.023 min

Lab File: BF142488.D

Acq: 21 May 2025 15:34

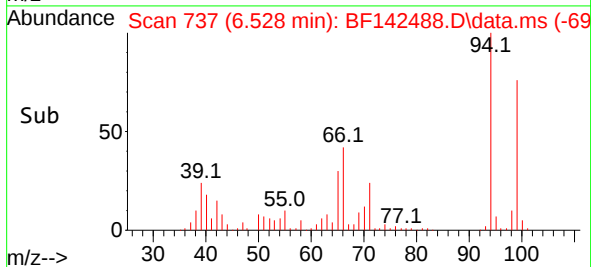
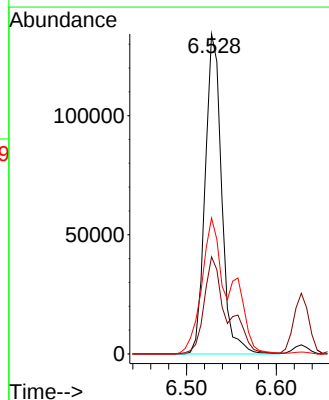
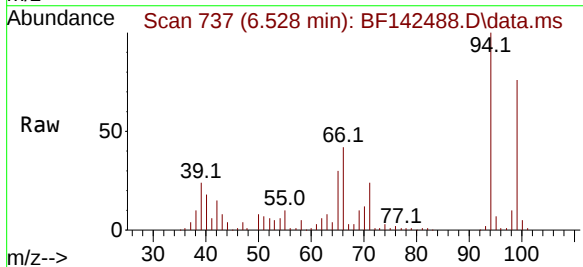
Tgt Ion: 94 Resp: 171228

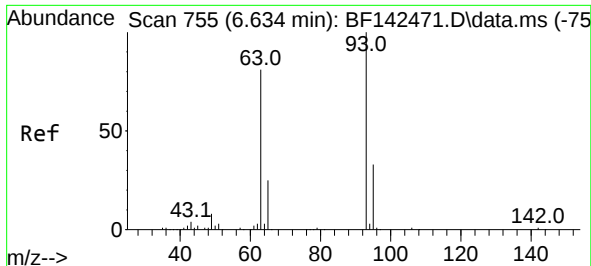
Ion Ratio Lower Upper

94 100

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66 42.5 22.6 62.6

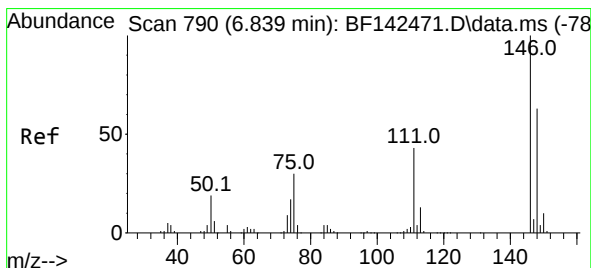
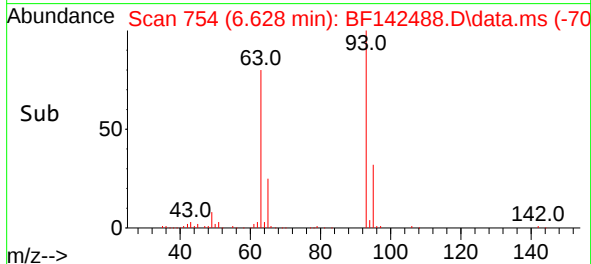
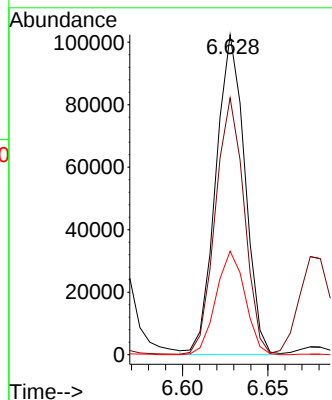
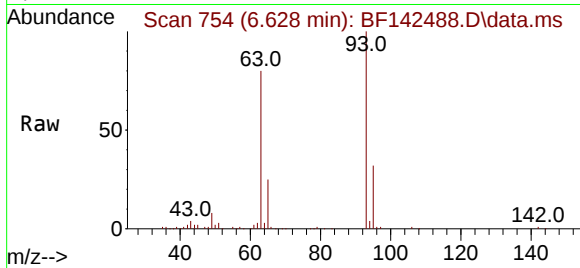




#11
bis(2-Chloroethyl)ether
Concen: 39.208 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

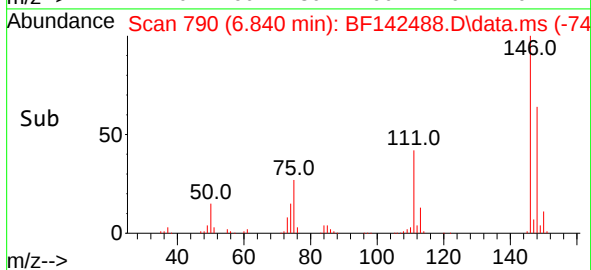
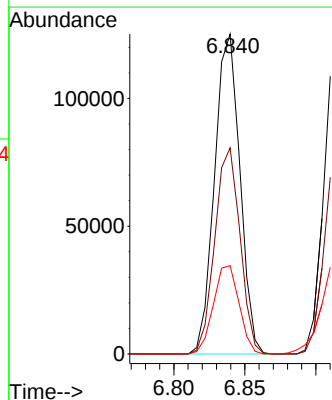
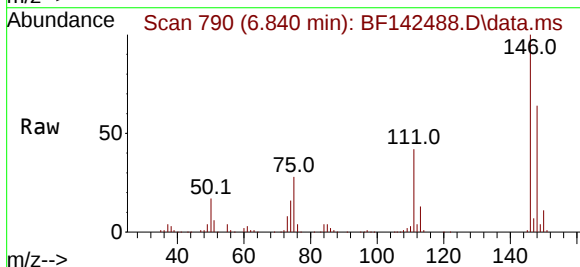
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion: 93 Resp: 121333
Ion Ratio Lower Upper
93 100
63 80.2 60.2 100.2
95 32.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 40.230 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:146 Resp: 155190
Ion Ratio Lower Upper
146 100
148 64.4 50.6 75.8
75 27.6 23.8 35.6

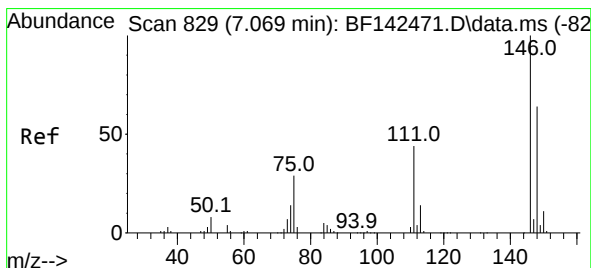
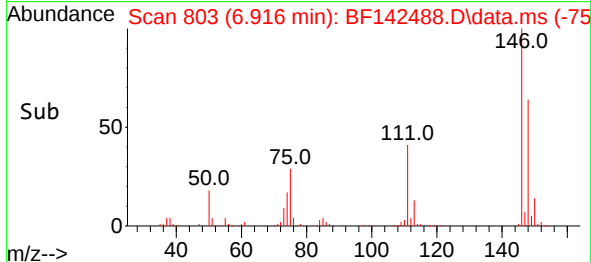
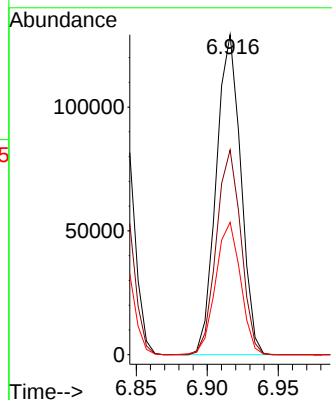
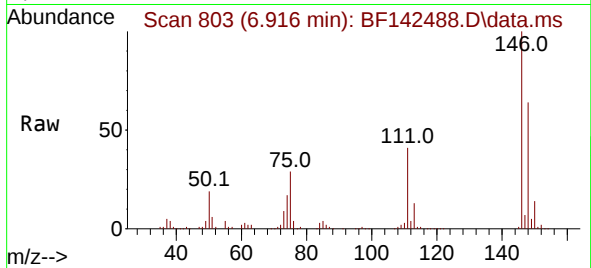




#13
1,4-Dichlorobenzene
Concen: 39.995 ng
RT: 6.916 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

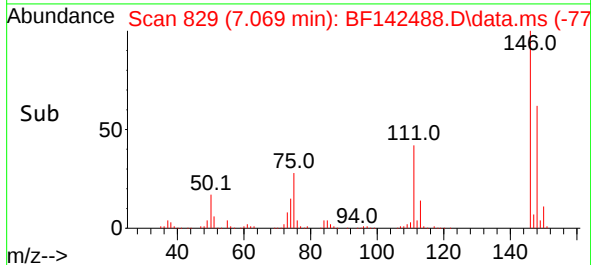
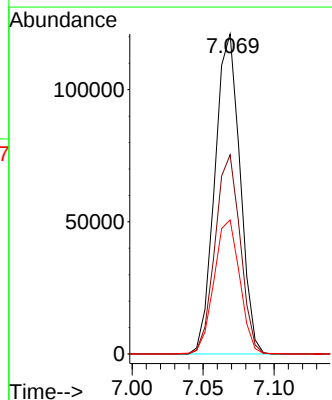
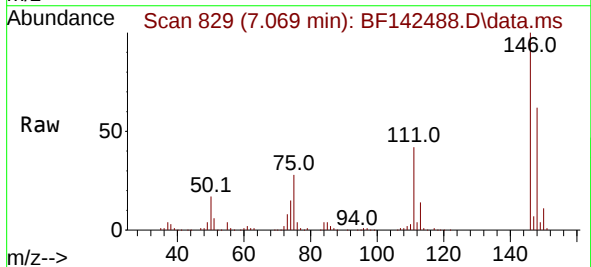
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

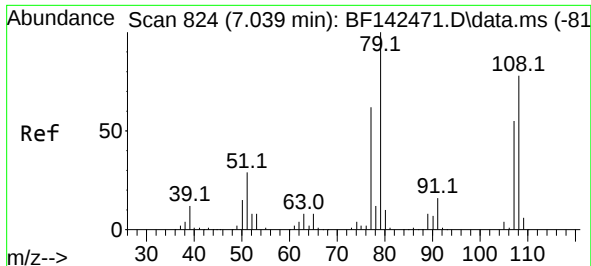
Tgt Ion:146 Resp: 155412
Ion Ratio Lower Upper
146 100
148 64.0 50.4 75.6
111 41.4 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 40.127 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:146 Resp: 149202
Ion Ratio Lower Upper
146 100
148 62.2 51.0 76.4
111 41.9 35.0 52.6

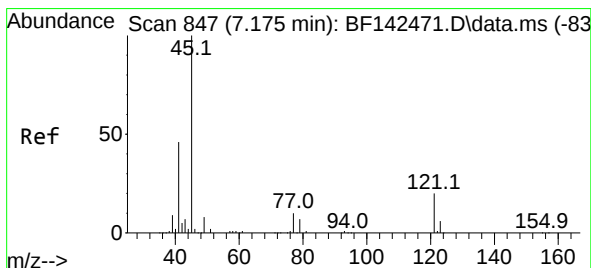
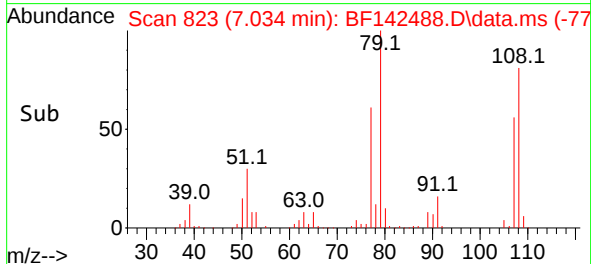
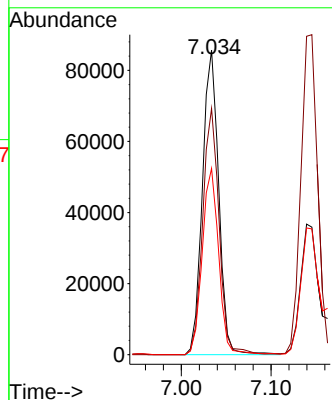
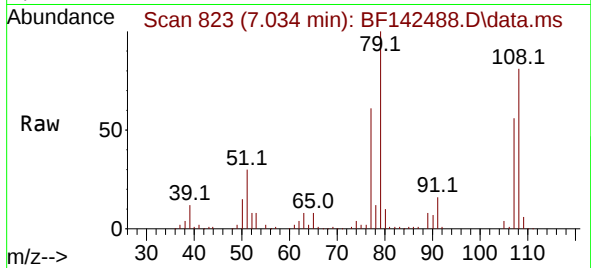




#15
Benzyl Alcohol
Concen: 38.264 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

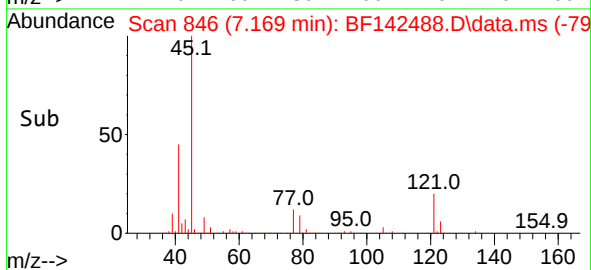
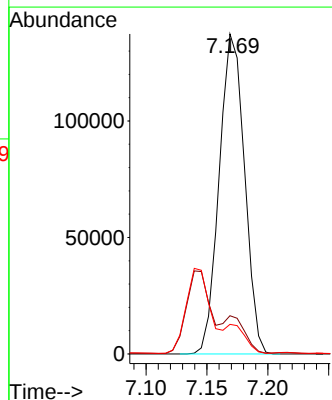
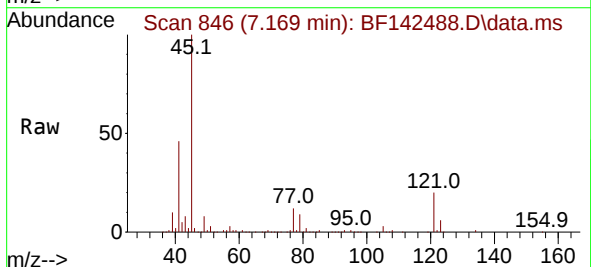
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

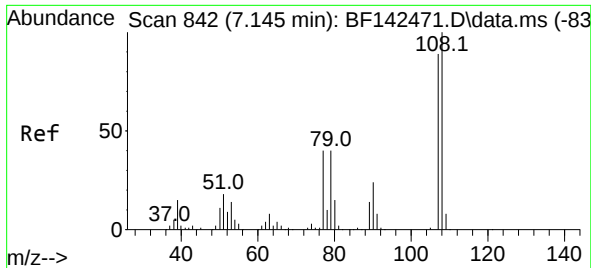
Tgt Ion: 79 Resp: 108038
Ion Ratio Lower Upper
79 100
108 80.9 62.1 93.1
77 61.1 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.213 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion: 45 Resp: 198589
Ion Ratio Lower Upper
45 100
77 12.0 0.0 32.0
79 9.2 0.0 29.2

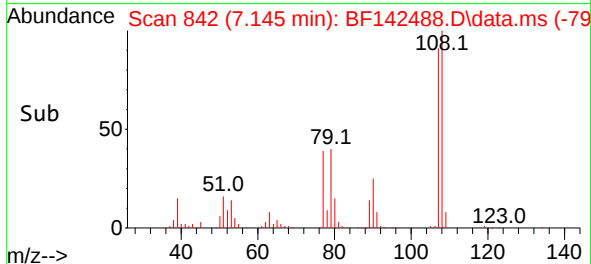
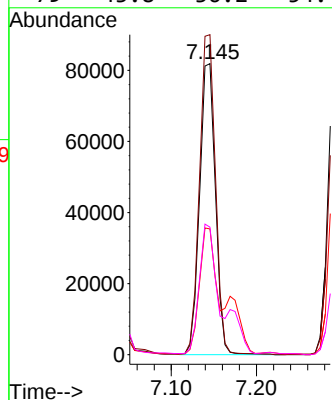
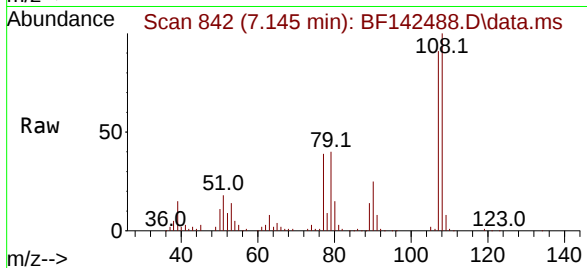




#17
2-Methylphenol
Concen: 39.184 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

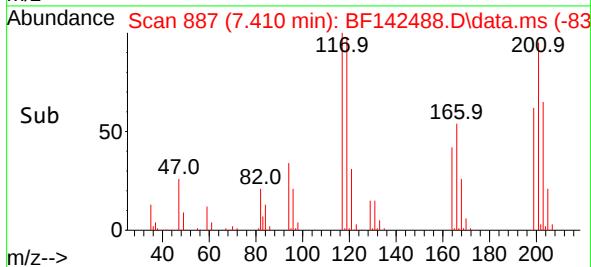
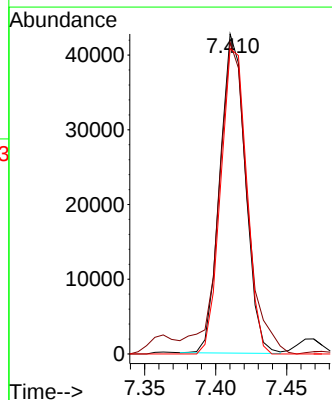
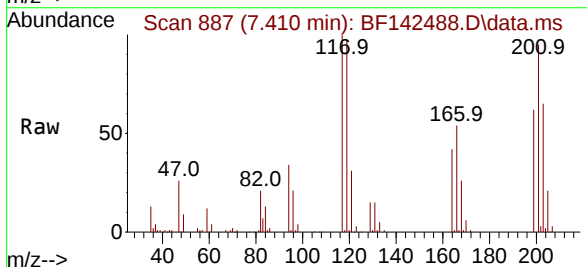
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

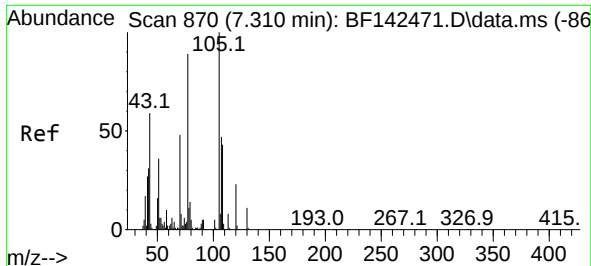
Tgt Ion:	107	Resp:	105761
Ion	Ratio	Lower	Upper
107	100		
108	109.9	90.2	135.2
77	43.2	36.1	54.1
79	43.8	36.2	54.4



#18
Hexachloroethane
Concen: 39.204 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:	117	Resp:	53195
Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.6	114.8
201	95.4	81.3	121.9

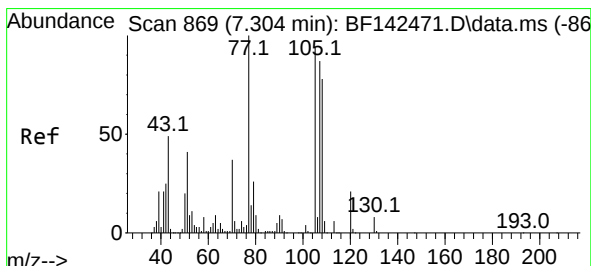
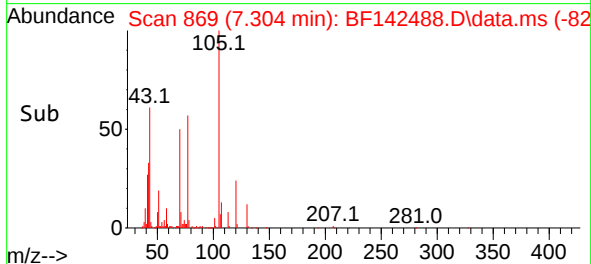
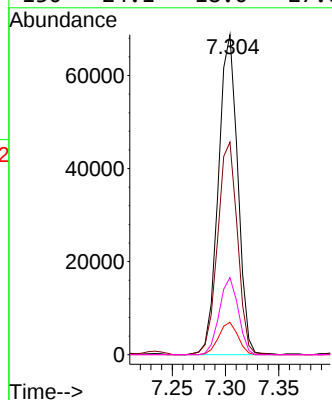
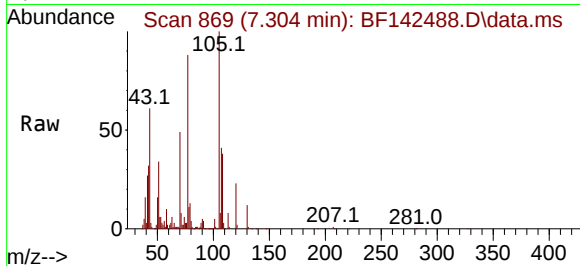




#19
n-Nitroso-di-n-propylamine
Concen: 36.631 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.023 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

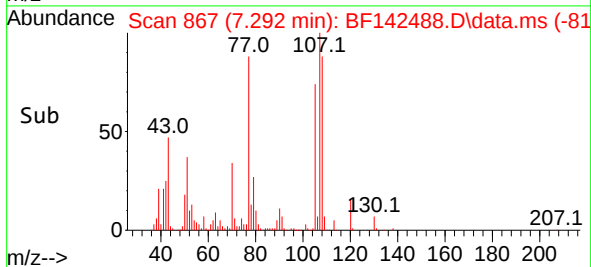
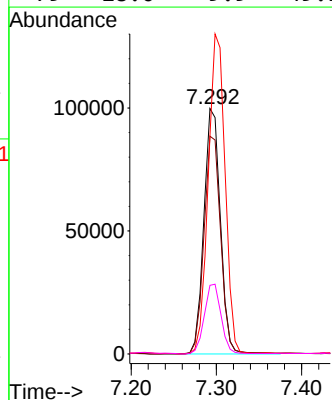
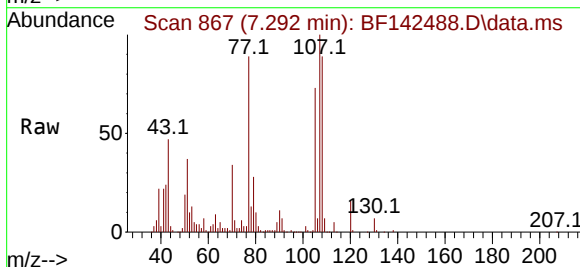
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

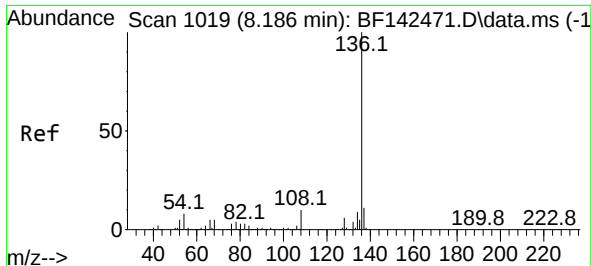
Tgt Ion:	70	Resp:	86737
Ion	Ratio	Lower	Upper
70	100		
42	66.4	52.4	78.6
101	10.1	7.8	11.8
130	24.1	18.0	27.0



#20
3+4-Methylphenols
Concen: 38.800 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:	107	Resp:	134110
Ion	Ratio	Lower	Upper
107	100		
108	88.7	70.4	110.4
77	88.8	95.4	135.4#
79	28.0	9.9	49.9



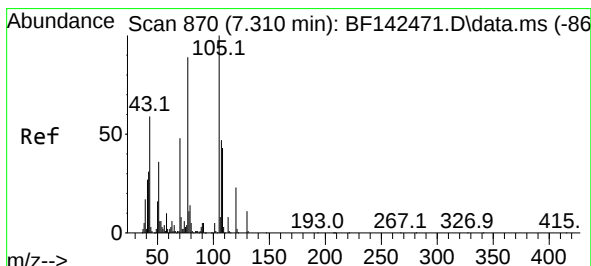
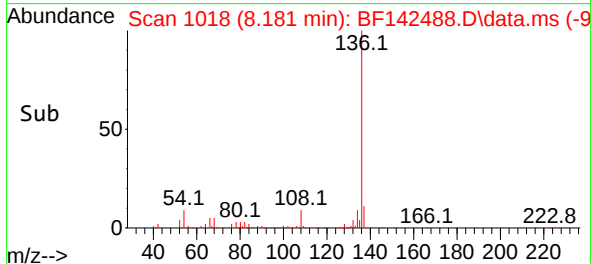
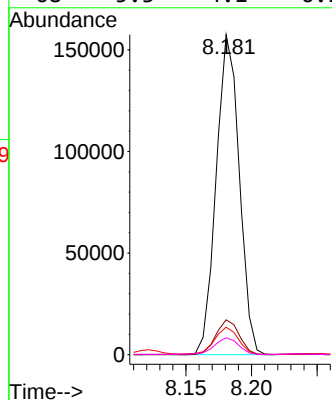
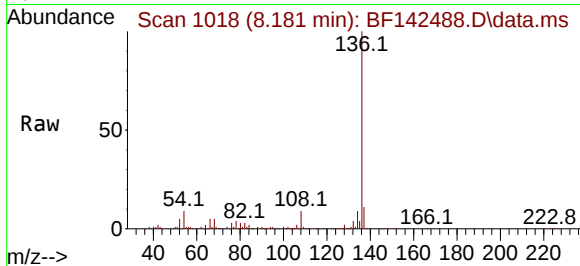


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:136 Resp: 192497

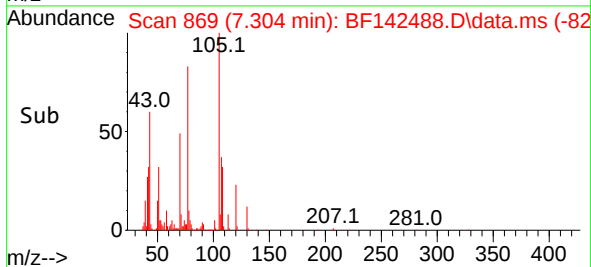
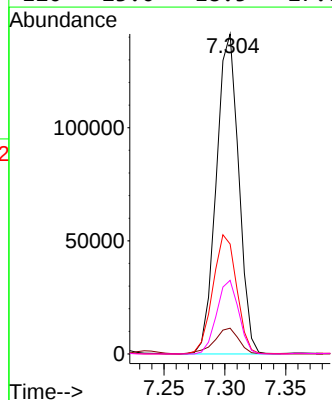
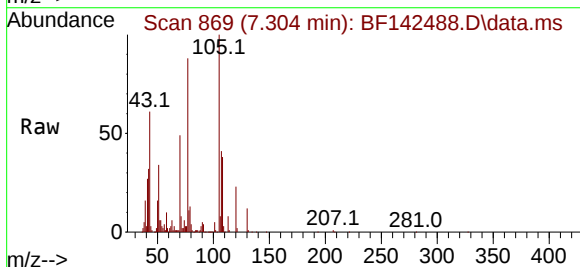
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.6	6.6	10.0
68	5.3	4.1	6.1

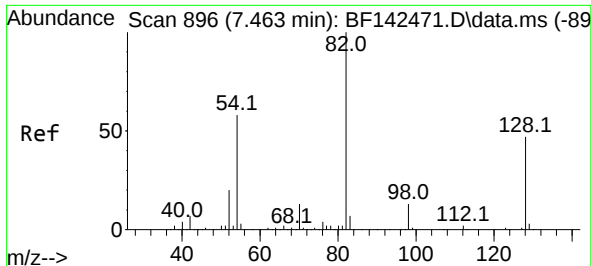


#22
Acetophenone
Concen: 42.510 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:105 Resp: 181145

Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.4	9.6
51	34.3	28.6	42.8
120	23.0	18.5	27.7





#23

Nitrobenzene-d5

Concen: 59.553 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF142488.D

Acq: 21 May 2025 15:34

Instrument :

BNA_F

ClientSampleId :

SS-11MSD

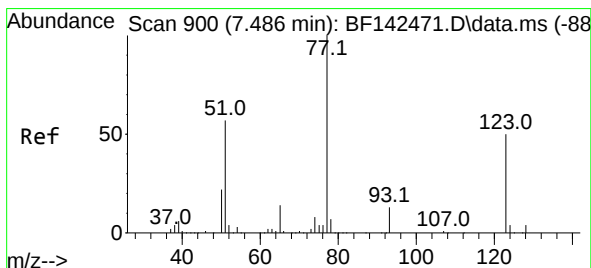
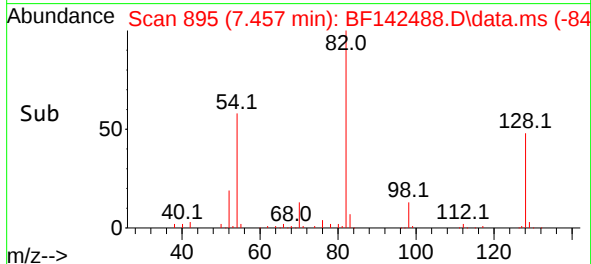
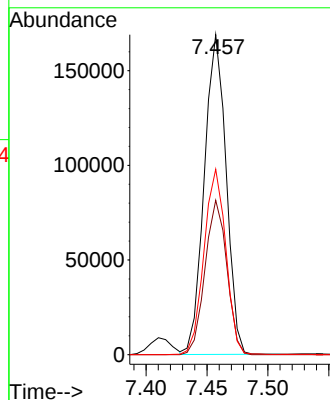
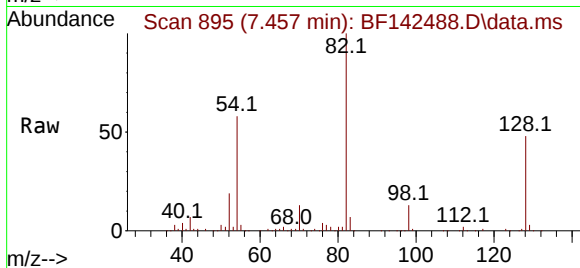
Tgt Ion: 82 Resp: 210235

Ion Ratio Lower Upper

82 100

128 48.2 37.4 56.2

54 58.0 46.6 70.0



#24

Nitrobenzene

Concen: 41.719 ng

RT: 7.475 min Scan# 898

Delta R.T. -0.018 min

Lab File: BF142488.D

Acq: 21 May 2025 15:34

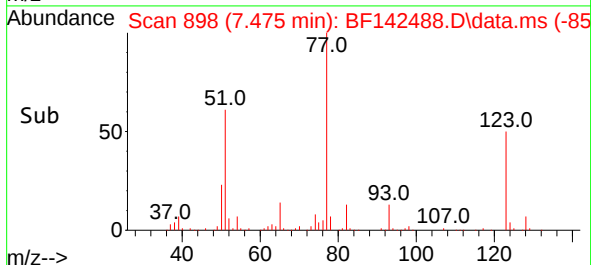
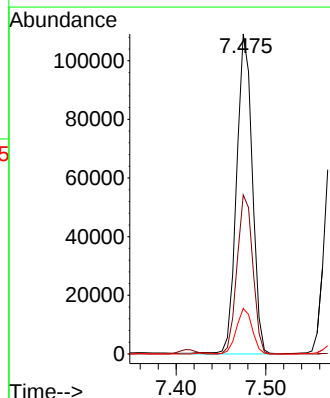
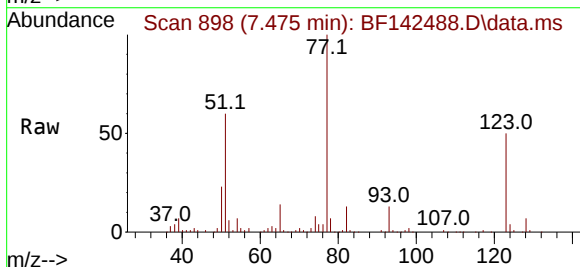
Tgt Ion: 77 Resp: 132830

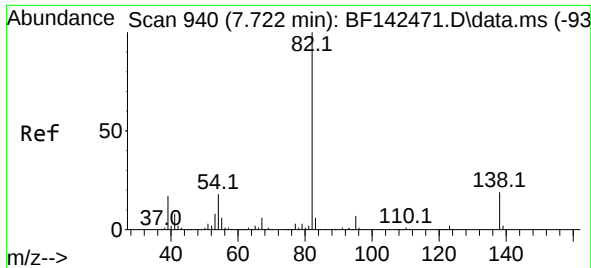
Ion Ratio Lower Upper

77 100

123 49.7 40.6 61.0

65 14.2 11.4 17.2

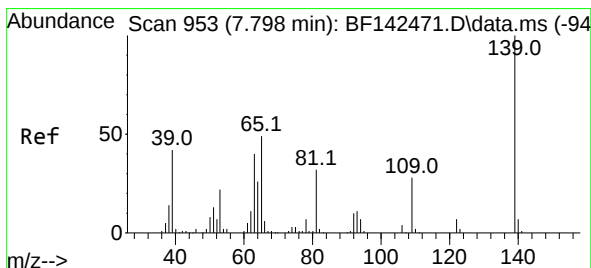
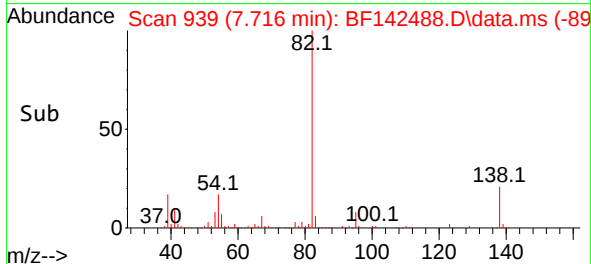
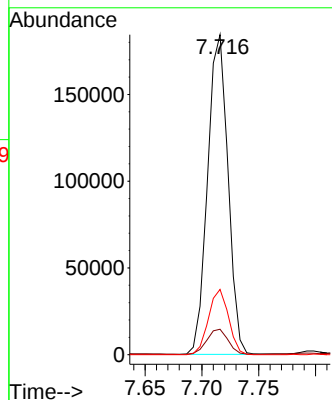
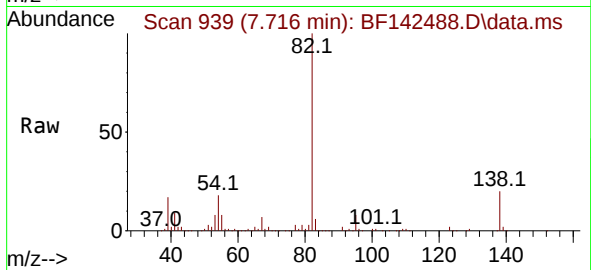




#25
Isophorone
Concen: 38.979 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

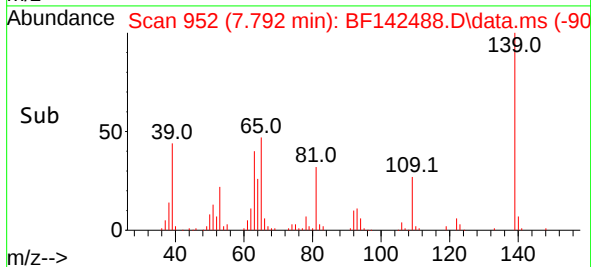
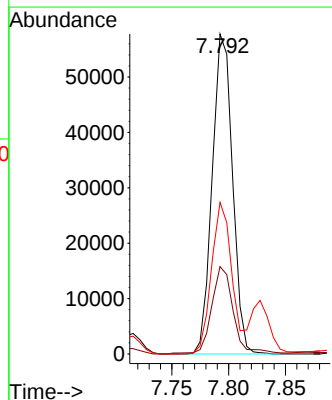
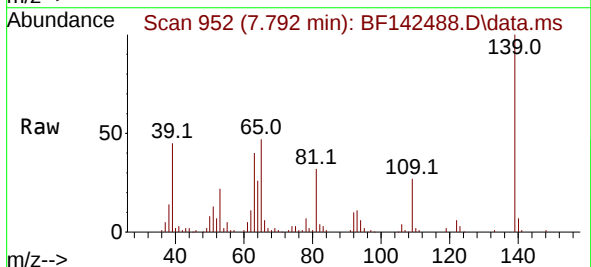
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

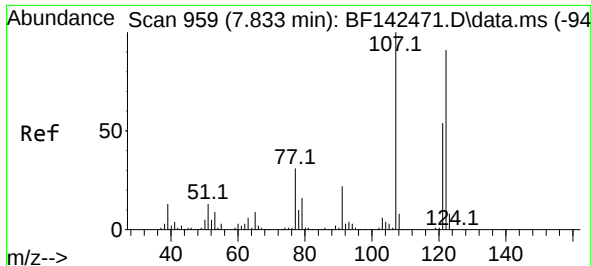
Tgt Ion: 82 Resp: 230066
Ion Ratio Lower Upper
82 100
95 7.9 6.0 9.0
138 20.4 15.5 23.3



#26
2-Nitrophenol
Concen: 42.161 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:139 Resp: 71728
Ion Ratio Lower Upper
139 100
109 27.3 22.6 33.8
65 47.3 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 40.517 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF142488.D

Acq: 21 May 2025 15:34

Instrument :

BNA_F

ClientSampleId :

SS-11MSD

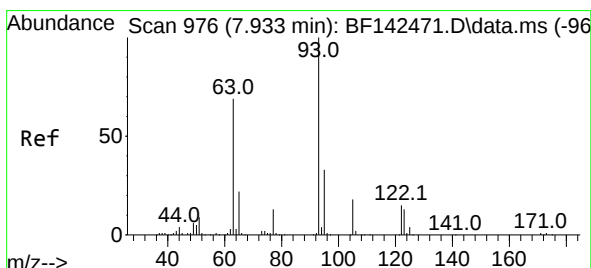
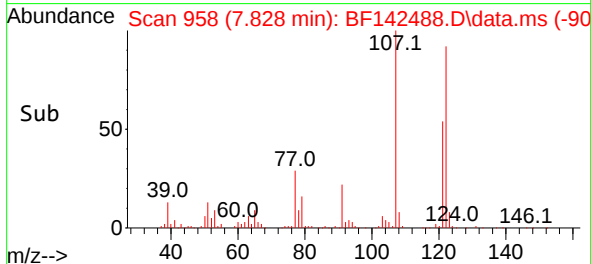
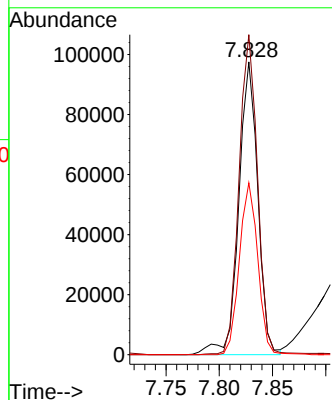
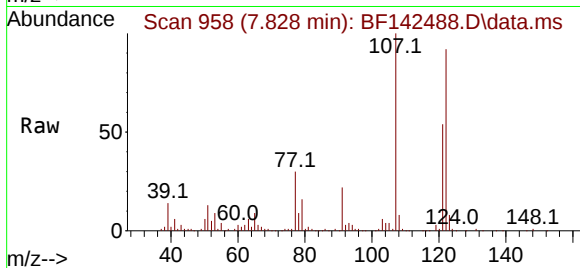
Tgt Ion:122 Resp: 121560

Ion Ratio Lower Upper

122 100

107 109.3 88.1 132.1

121 58.7 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 38.766 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142488.D

Acq: 21 May 2025 15:34

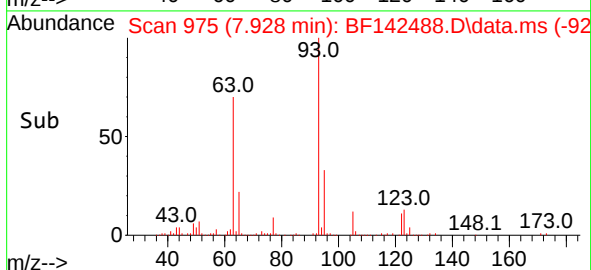
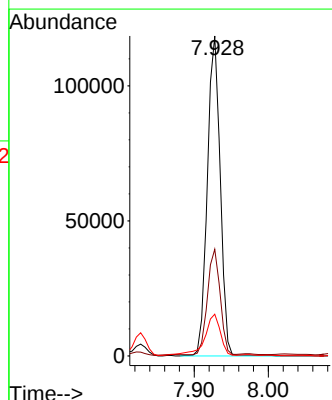
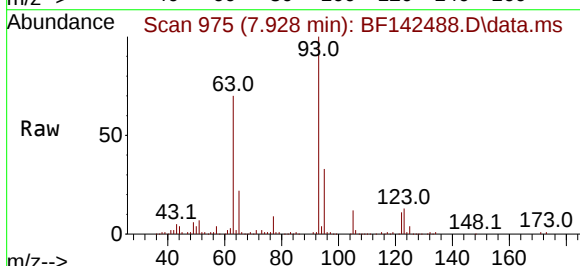
Tgt Ion: 93 Resp: 142931

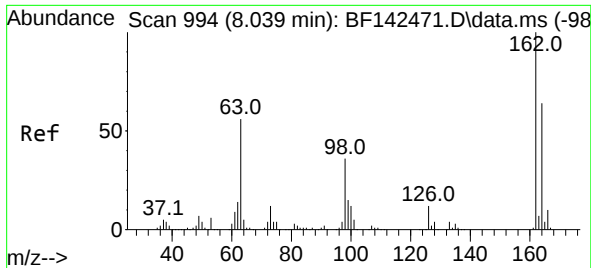
Ion Ratio Lower Upper

93 100

95 33.4 26.4 39.6

123 13.1 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 40.402 ng

RT: 8.034 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF142488.D

Acq: 21 May 2025 15:34

Instrument :

BNA_F

ClientSampleId :

SS-11MSD

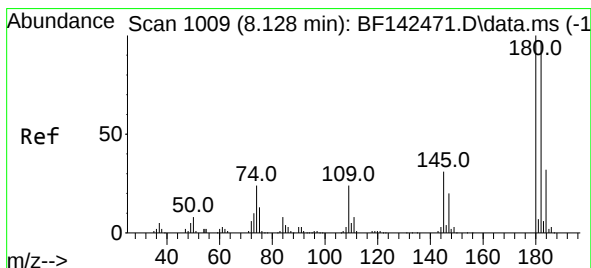
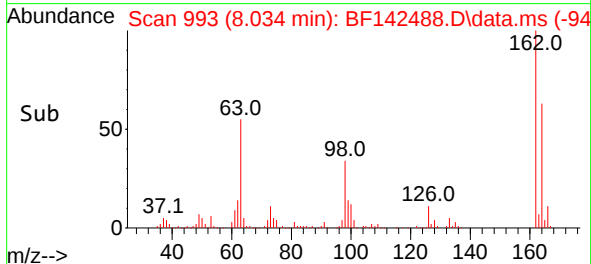
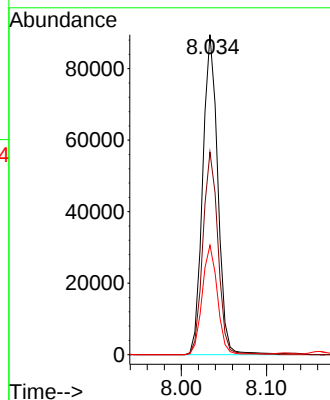
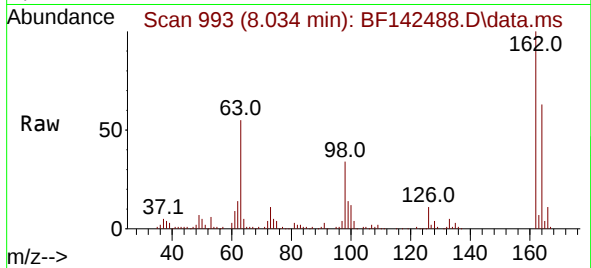
Tgt Ion:162 Resp: 110236

Ion Ratio Lower Upper

162 100

164 63.3 43.7 83.7

98 34.2 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 41.617 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142488.D

Acq: 21 May 2025 15:34

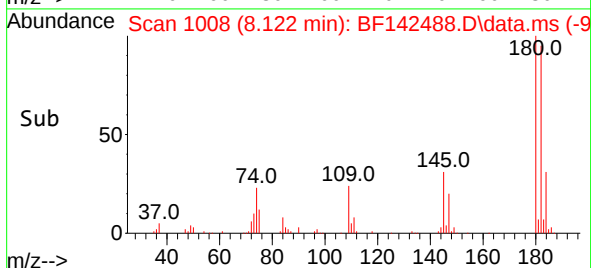
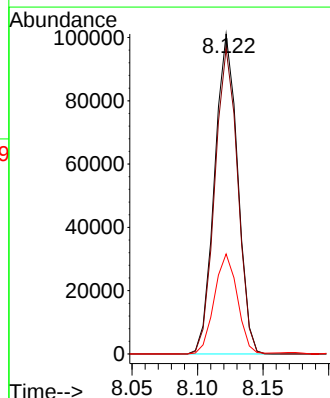
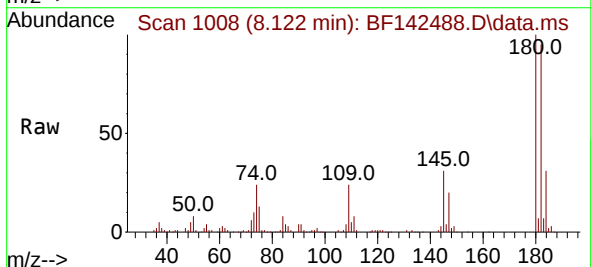
Tgt Ion:180 Resp: 123234

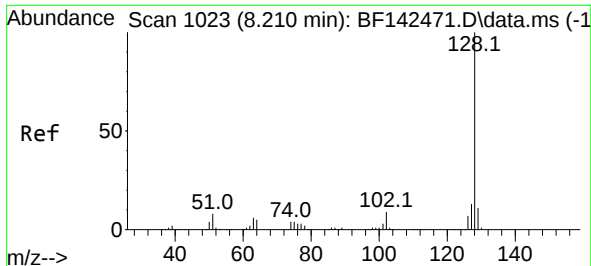
Ion Ratio Lower Upper

180 100

182 95.4 78.0 117.0

145 31.3 25.0 37.6

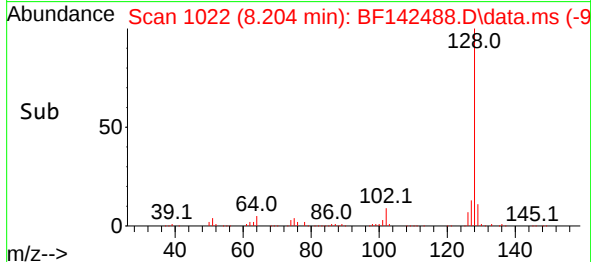
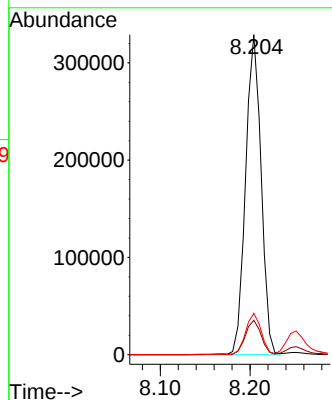
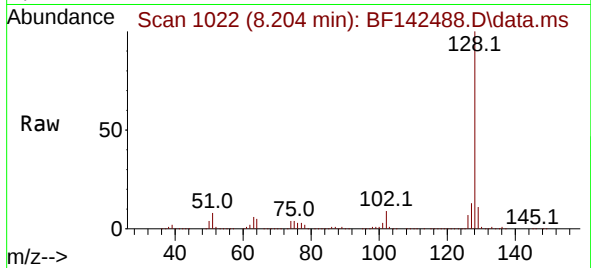




#31
Naphthalene
Concen: 41.641 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

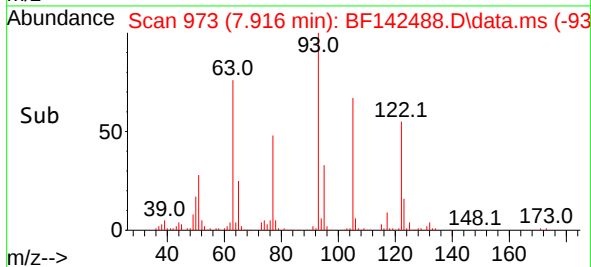
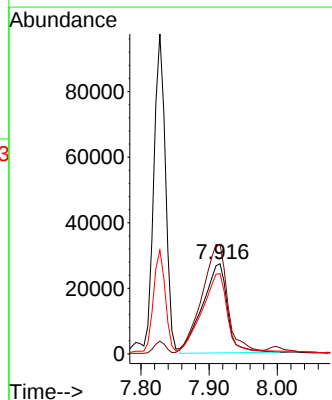
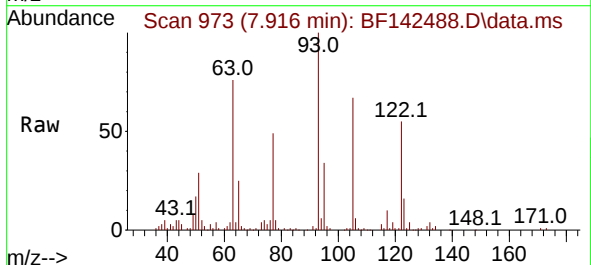
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

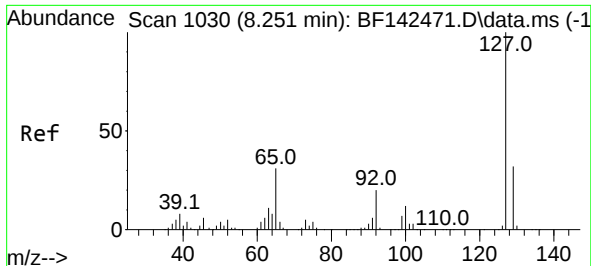
Tgt Ion:128 Resp: 394689
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.9 10.5 15.7



#32
Benzoic acid
Concen: 38.152 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.059 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:122 Resp: 69677
Ion Ratio Lower Upper
122 100
105 121.4 101.7 141.7
77 89.0 69.5 109.5

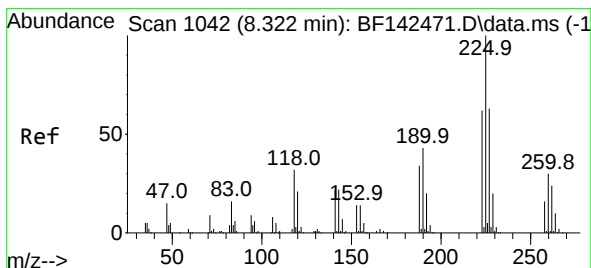
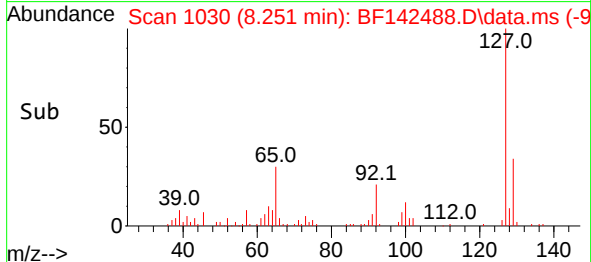
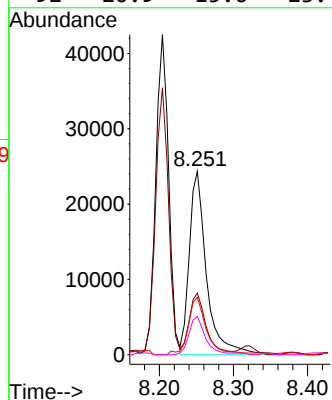
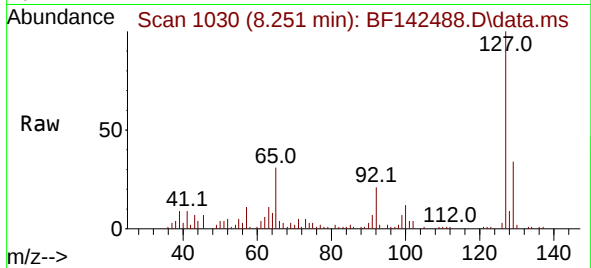




#33
4-Chloroaniline
Concen: 10.289 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

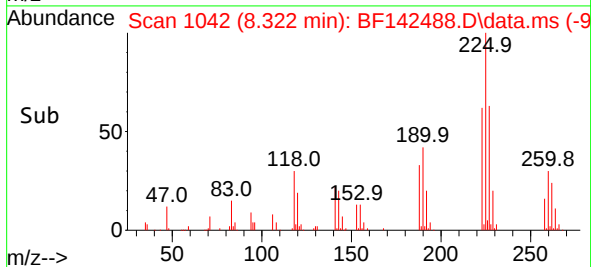
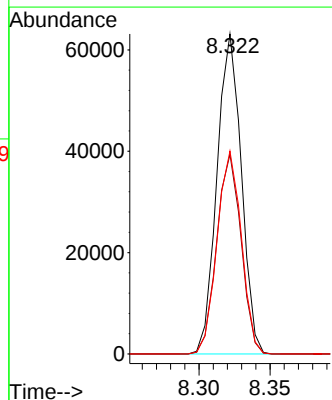
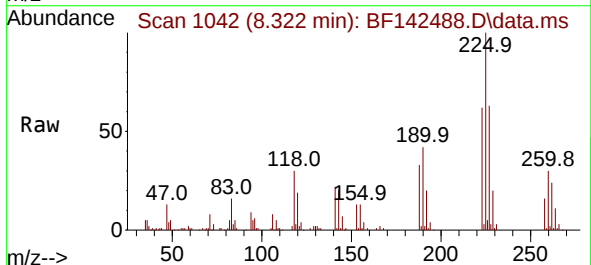
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

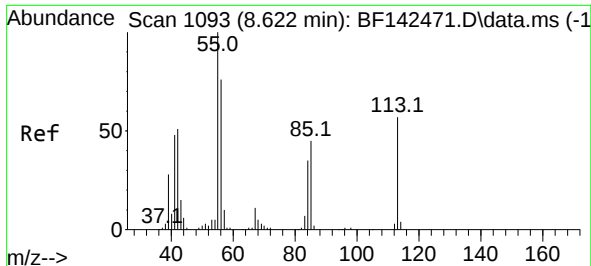
Tgt Ion:	127	Resp:	39518
Ion Ratio	Lower	Upper	
127	100		
129	33.6	26.1	39.1
65	31.3	24.9	37.3
92	20.9	15.6	23.4



#34
Hexachlorobutadiene
Concen: 40.670 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:	225	Resp:	75196
Ion Ratio	Lower	Upper	
225	100		
223	62.4	49.7	74.5
227	63.4	50.3	75.5

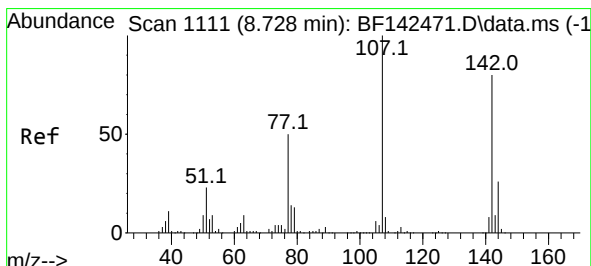
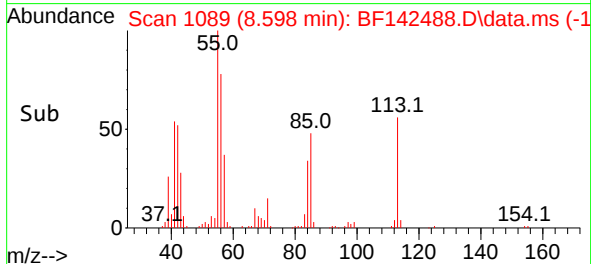
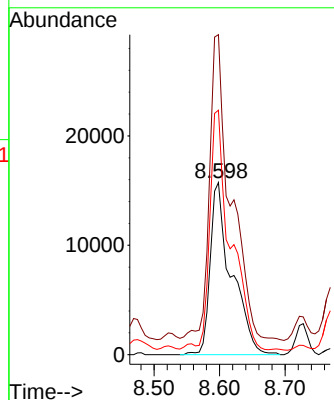
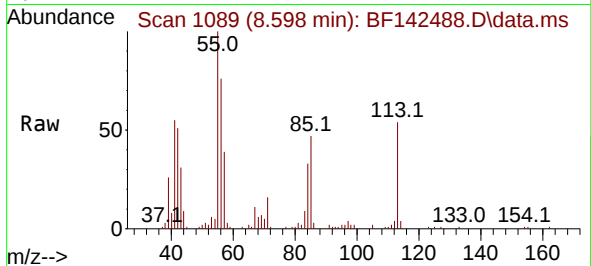




#35
 Caprolactam
 Concen: 46.294 ng
 RT: 8.598 min Scan# 1089
 Delta R.T. -0.047 min
 Lab File: BF142488.D
 Acq: 21 May 2025 15:34

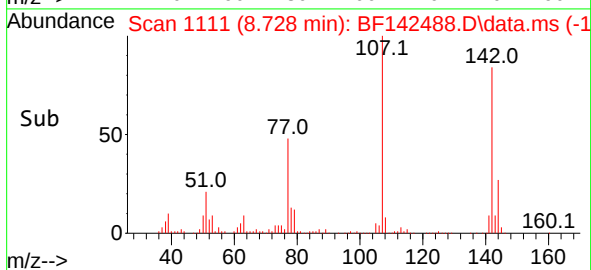
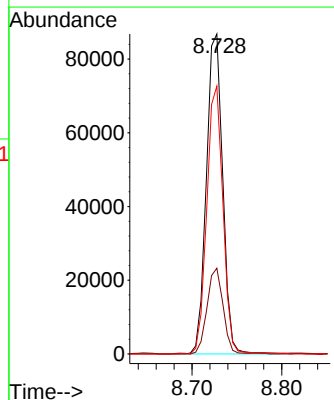
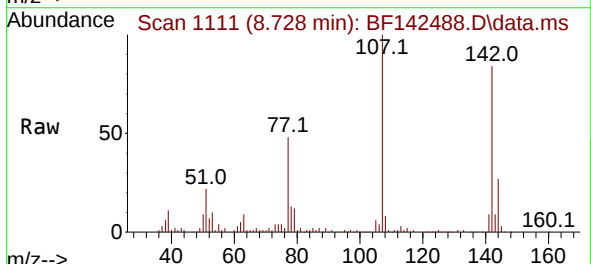
Instrument :
 BNA_F
 ClientSampleId :
 SS-11MSD

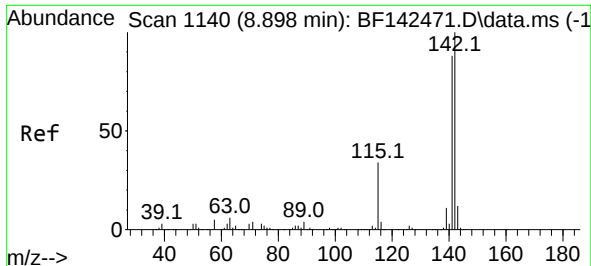
Tgt Ion:113 Resp: 35475
 Ion Ratio Lower Upper
 113 100
 55 185.9 154.7 194.7
 56 142.0 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 39.271 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF142488.D
 Acq: 21 May 2025 15:34

Tgt Ion:107 Resp: 109810
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.9 31.3
 142 83.7 64.2 96.2

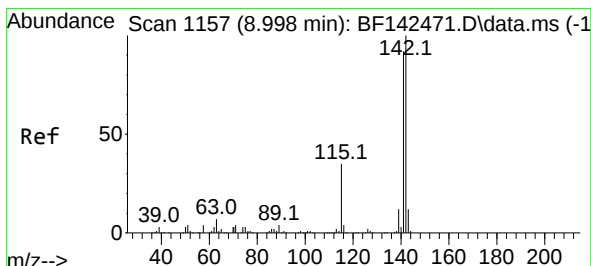
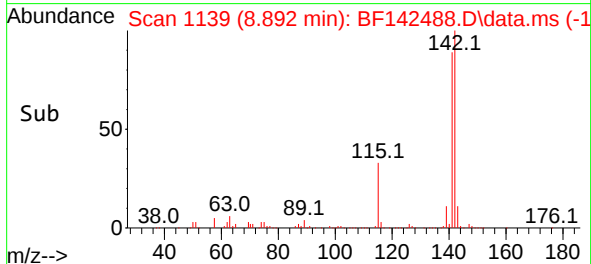
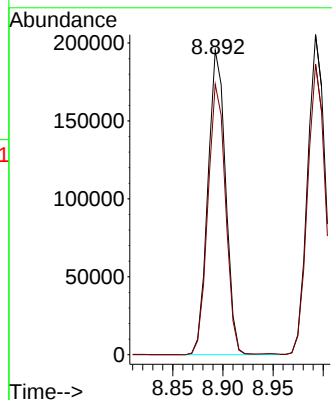
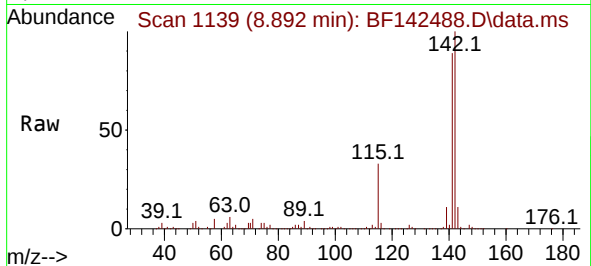




#37
2-Methylnaphthalene
Concen: 40.339 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

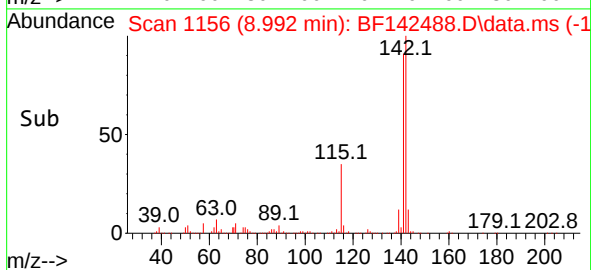
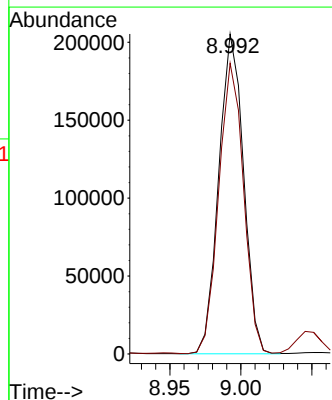
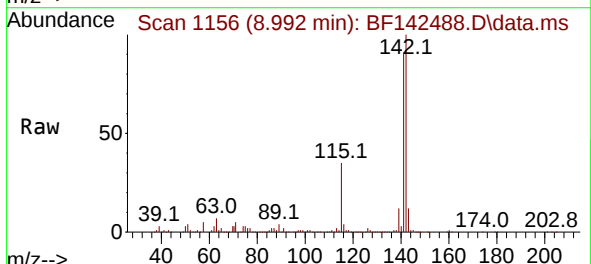
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

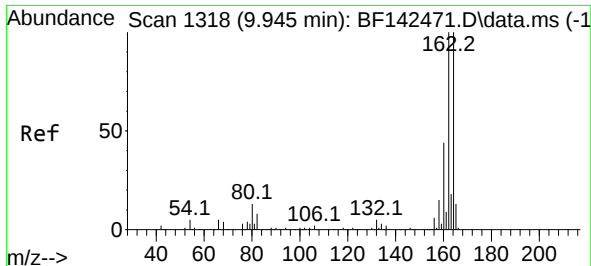
Tgt Ion:142 Resp: 240543
Ion Ratio Lower Upper
142 100
141 88.9 70.7 106.1



#38
1-Methylnaphthalene
Concen: 40.280 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:142 Resp: 248451
Ion Ratio Lower Upper
142 100
141 90.9 73.4 110.2

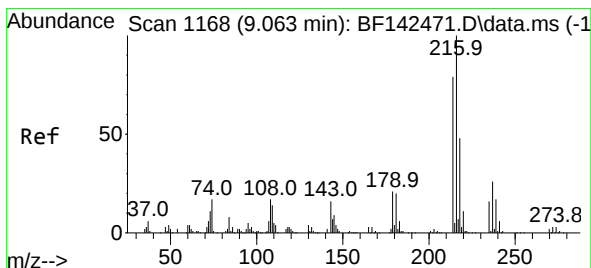
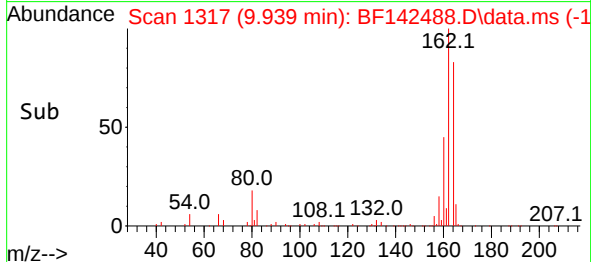
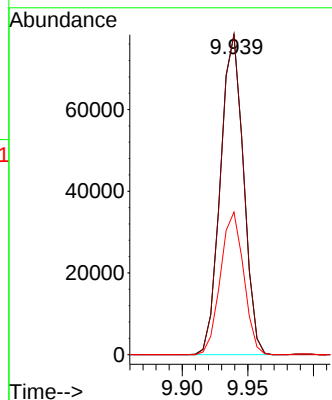
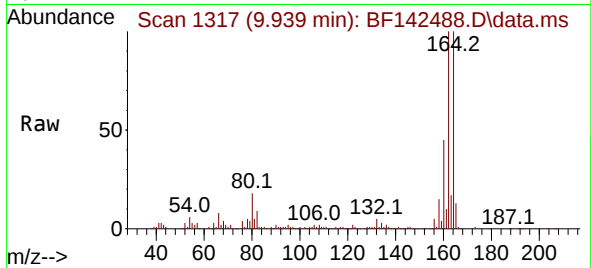




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

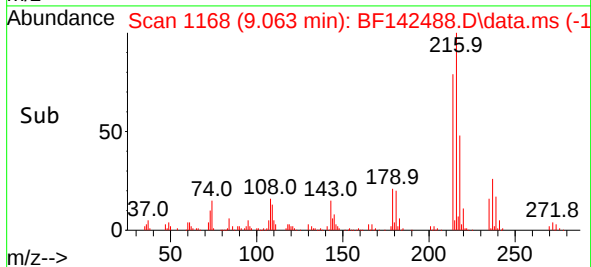
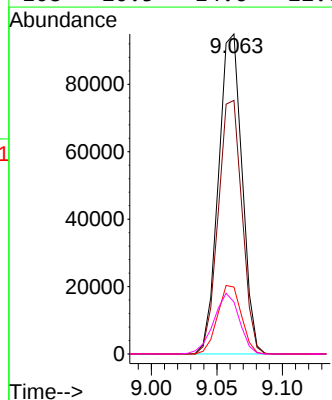
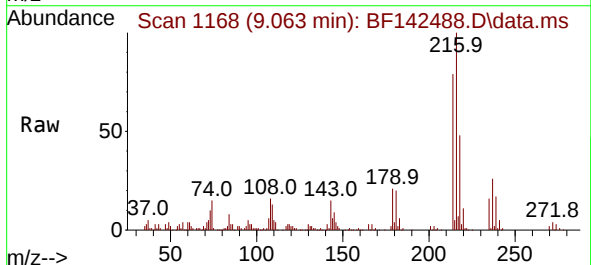
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

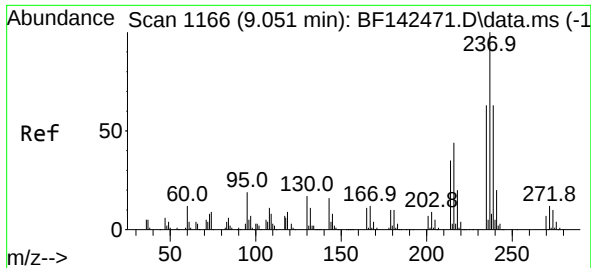
Tgt Ion:164 Resp: 95696
Ion Ratio Lower Upper
164 100
162 100.0 80.2 120.4
160 44.5 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.238 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

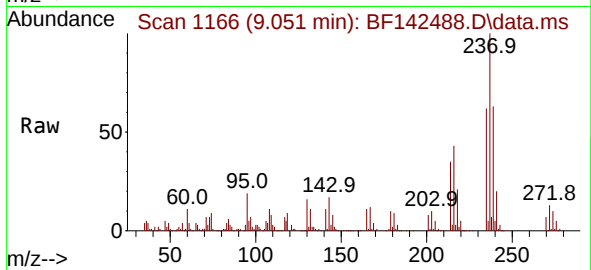
Tgt Ion:216 Resp: 118777
Ion Ratio Lower Upper
216 100
214 79.8 62.9 94.3
179 21.6 16.9 25.3
108 20.5 14.6 22.0



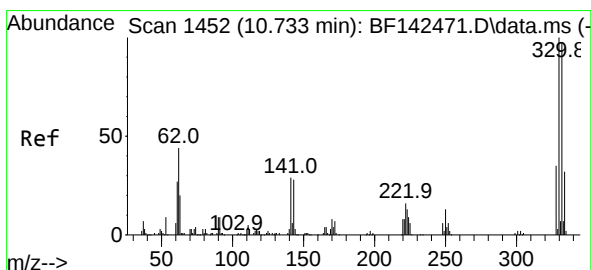
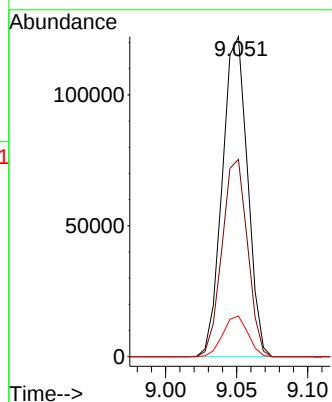
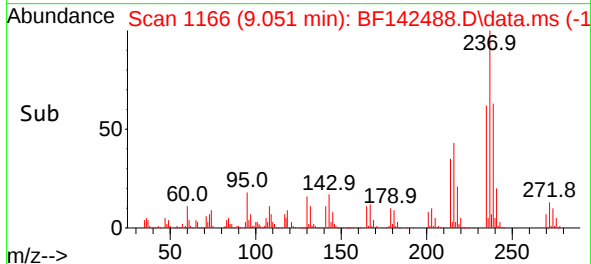


#41
Hexachlorocyclopentadiene
Concen: 81.543 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

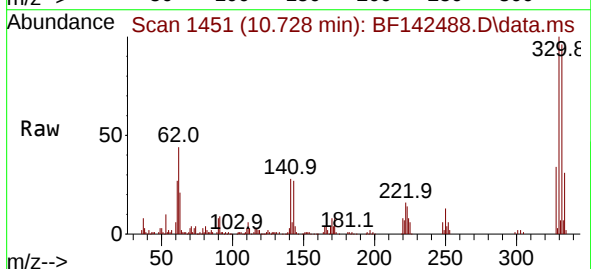
Instrument :
BNA_F
ClientSampleId :
SS-11MSD



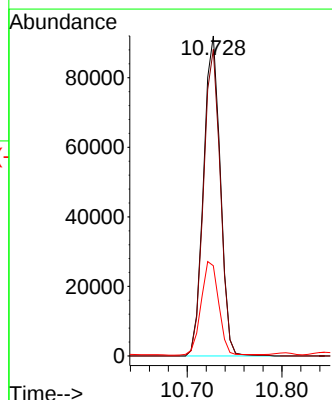
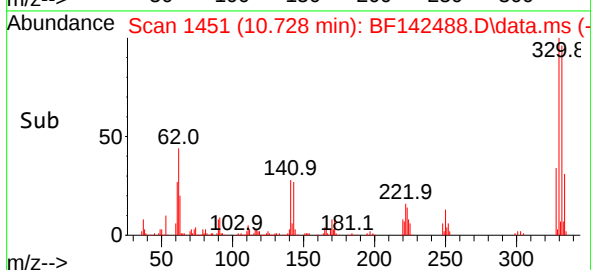
Tgt Ion:237 Resp: 151109
Ion Ratio Lower Upper
237 100
235 61.6 43.3 83.3
272 12.7 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 106.424 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34



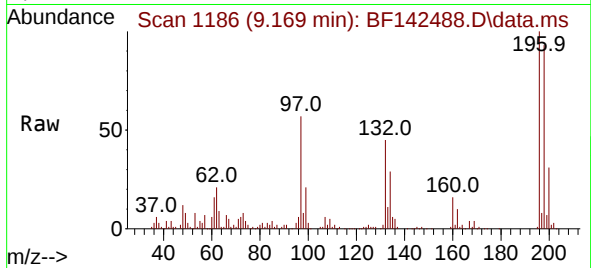
Tgt Ion:330 Resp: 113033
Ion Ratio Lower Upper
330 100
332 95.8 77.6 116.4
141 30.7 24.6 36.8



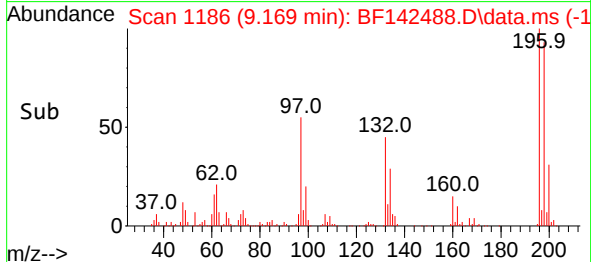
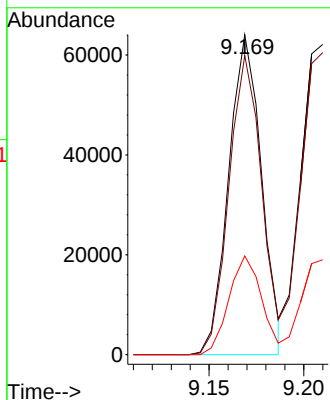


#43
2,4,6-Trichlorophenol
Concen: 41.683 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

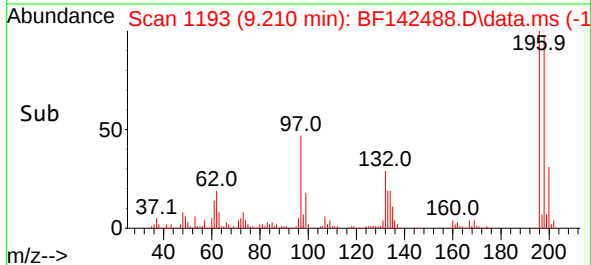
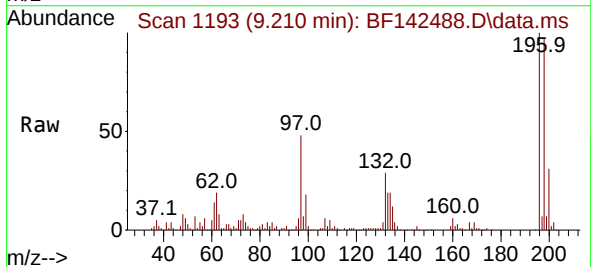
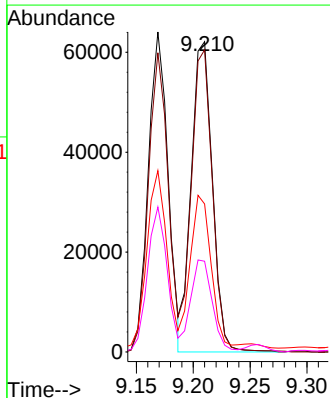


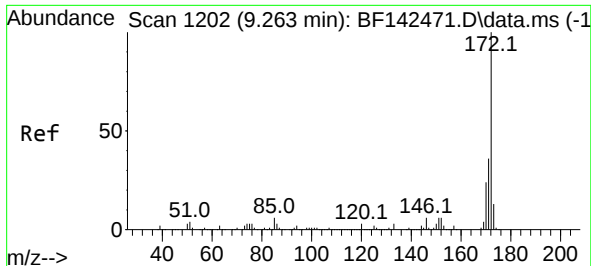
Tgt Ion:196 Resp: 77212
Ion Ratio Lower Upper
196 100
198 93.5 78.8 118.2
200 30.8 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 41.359 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:196 Resp: 80798
Ion Ratio Lower Upper
196 100
198 97.4 75.5 113.3
97 47.7 39.3 58.9
132 29.3 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 54.441 ng

RT: 9.257 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142488.D

Acq: 21 May 2025 15:34

Instrument :

BNA_F

ClientSampleId :

SS-11MSD

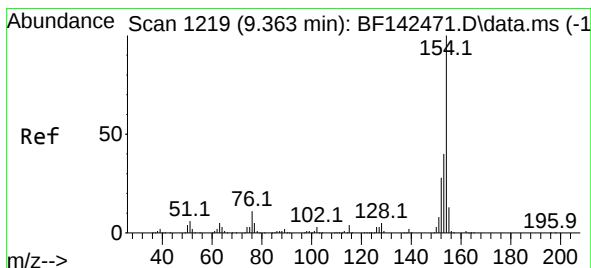
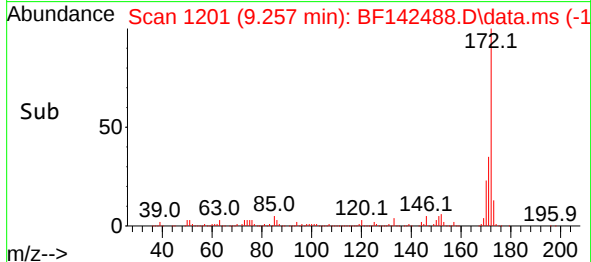
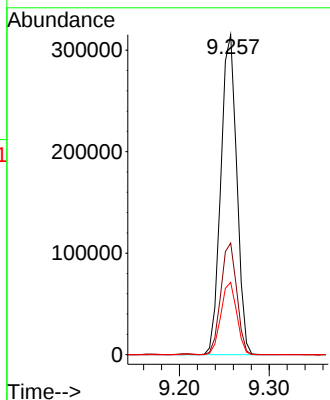
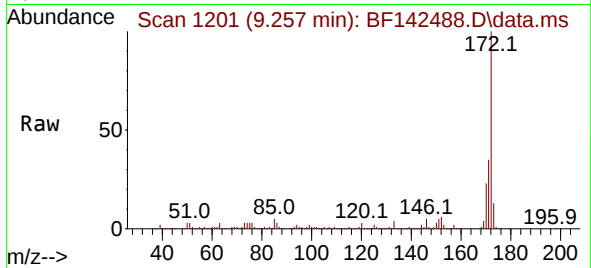
Tgt Ion:172 Resp: 388254

Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 22.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 42.896 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF142488.D

Acq: 21 May 2025 15:34

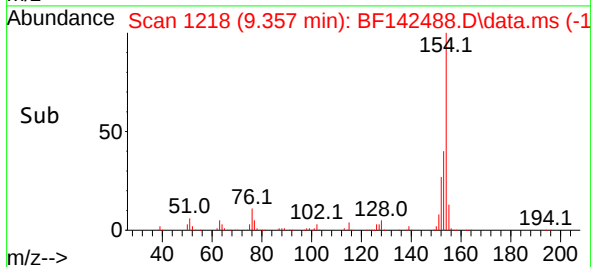
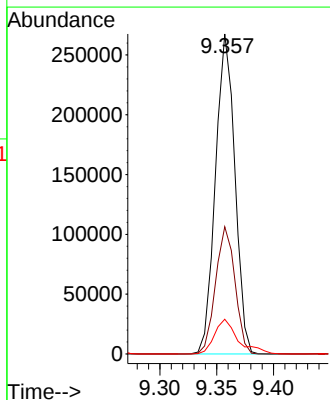
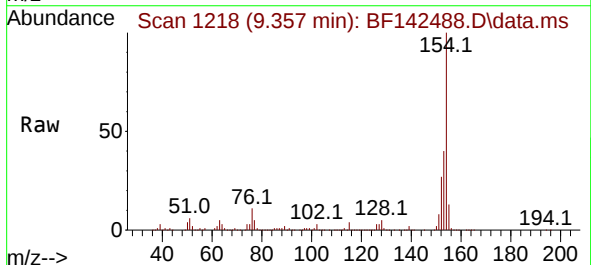
Tgt Ion:154 Resp: 318472

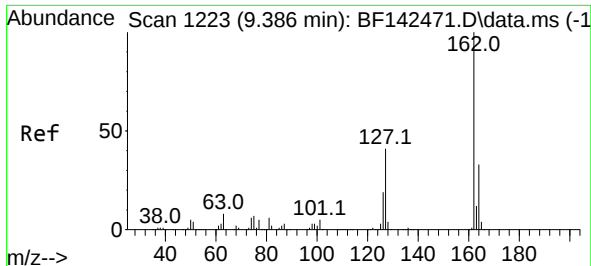
Ion Ratio Lower Upper

154 100

153 39.8 20.4 60.4

76 10.8 0.0 30.8





#47

2-Chloronaphthalene

Concen: 42.360 ng

RT: 9.381 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142488.D

Acq: 21 May 2025 15:34

Instrument :

BNA_F

ClientSampleId :

SS-11MSD

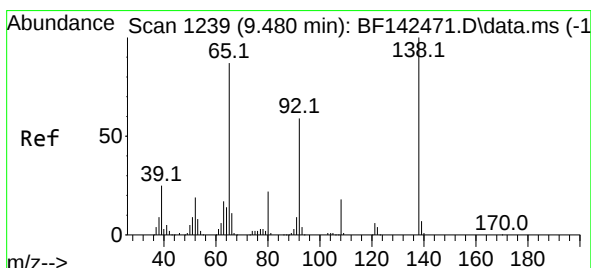
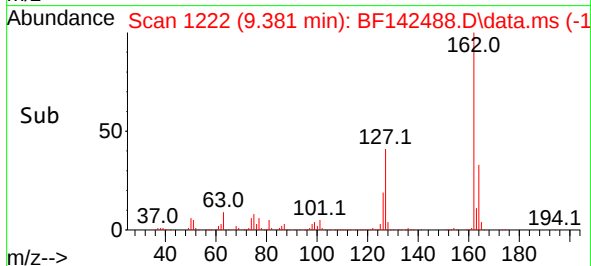
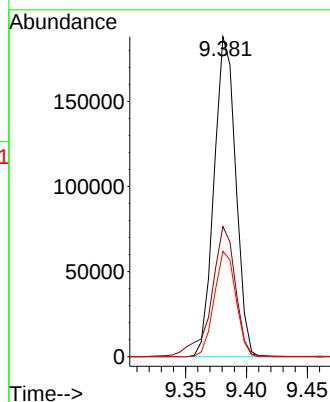
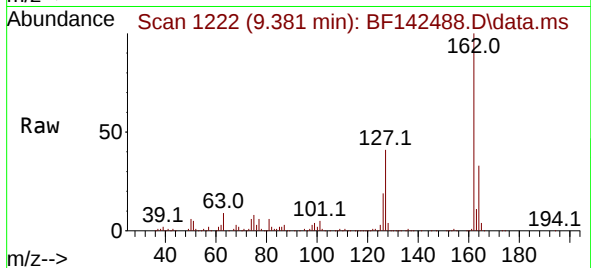
Tgt Ion:162 Resp: 232356

Ion Ratio Lower Upper

162 100

127 40.7 33.5 50.3

164 32.9 26.1 39.1



#48

2-Nitroaniline

Concen: 44.071 ng

RT: 9.475 min Scan# 1238

Delta R.T. -0.011 min

Lab File: BF142488.D

Acq: 21 May 2025 15:34

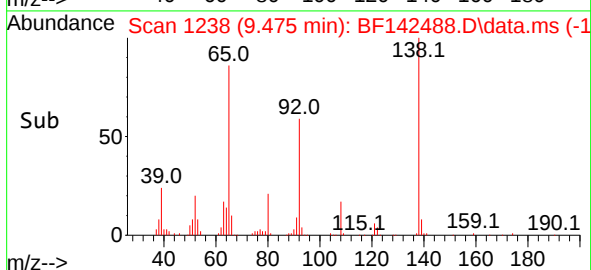
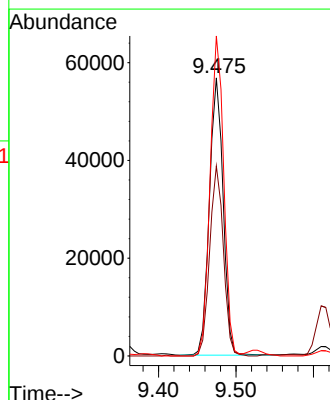
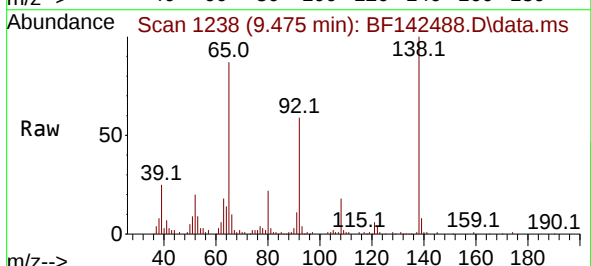
Tgt Ion: 65 Resp: 69874

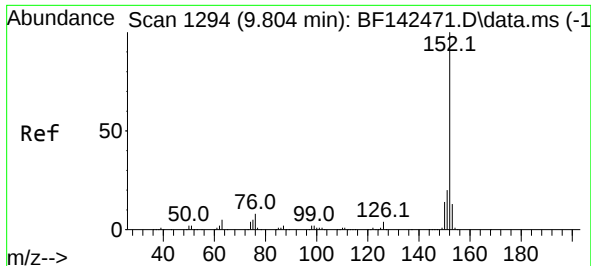
Ion Ratio Lower Upper

65 100

92 68.3 54.4 81.6

138 115.1 91.4 137.2





#49

Acenaphthylene

Concen: 42.817 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142488.D

Acq: 21 May 2025 15:34

Instrument :

BNA_F

ClientSampleId :

SS-11MSD

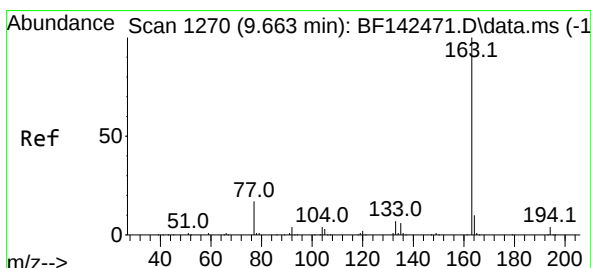
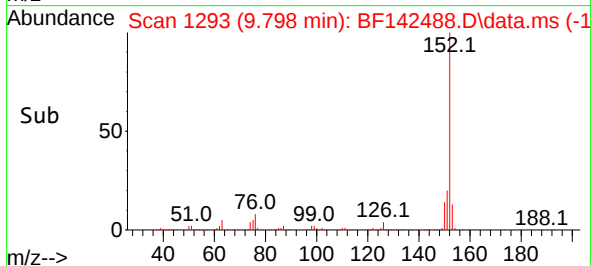
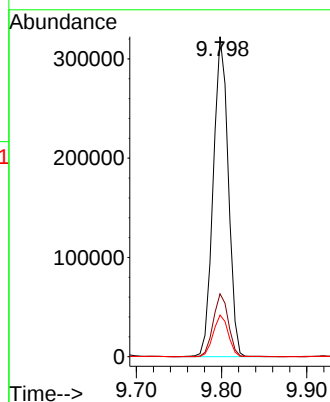
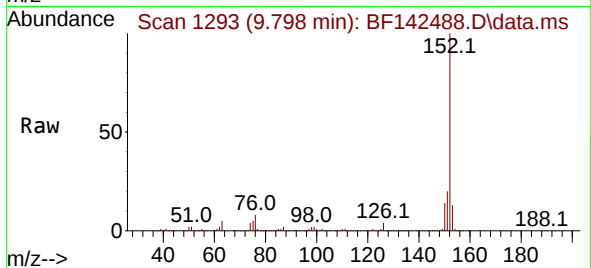
Tgt Ion:152 Resp: 396591

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.8

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 42.027 ng

RT: 9.651 min Scan# 1268

Delta R.T. -0.018 min

Lab File: BF142488.D

Acq: 21 May 2025 15:34

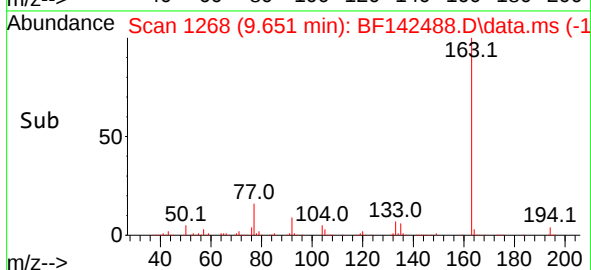
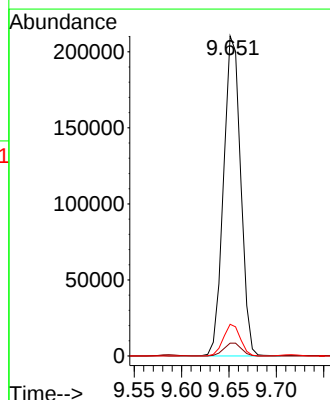
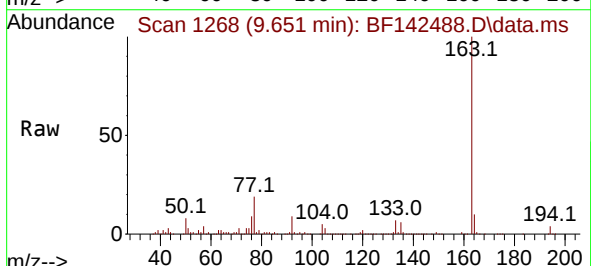
Tgt Ion:163 Resp: 265370

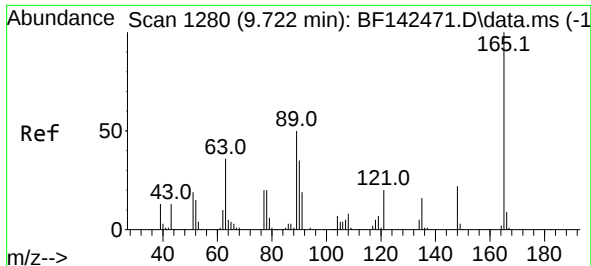
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.9 8.2 12.4

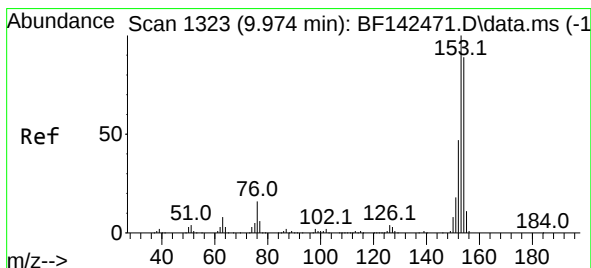
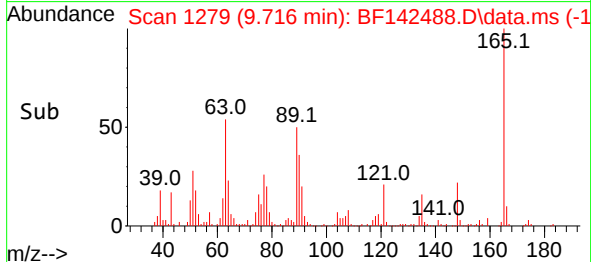
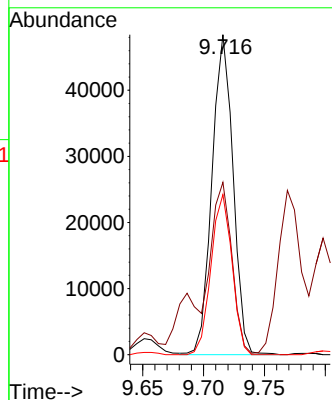
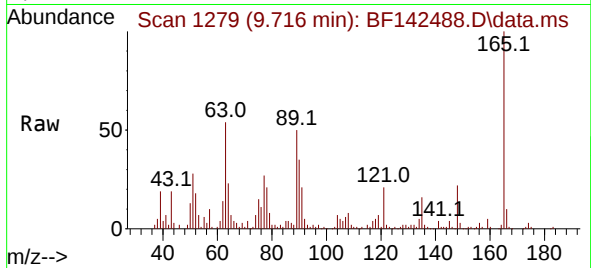




#51
2,6-Dinitrotoluene
Concen: 42.790 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

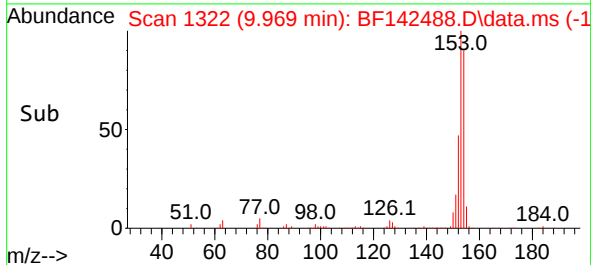
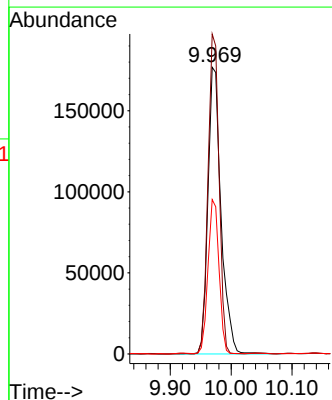
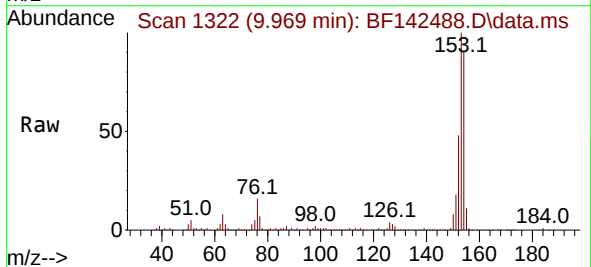
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

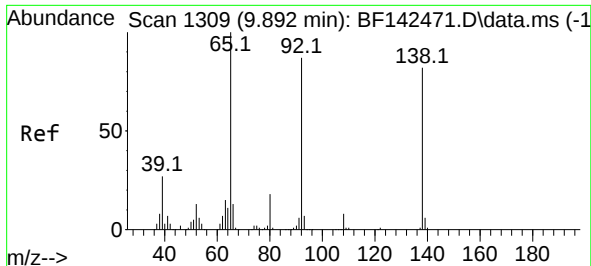
Tgt Ion:165 Resp: 58315
Ion Ratio Lower Upper
165 100
63 53.8 42.9 64.3
89 50.1 40.2 60.4



#52
Acenaphthene
Concen: 46.901 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:154 Resp: 265263
Ion Ratio Lower Upper
154 100
153 111.6 90.0 135.0
152 53.8 42.6 64.0

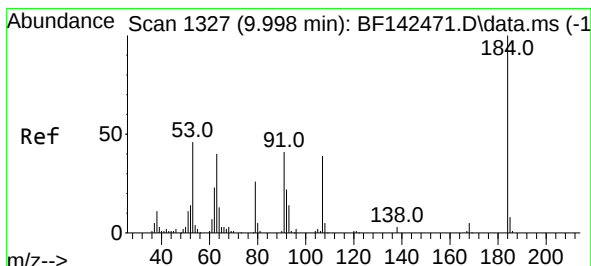
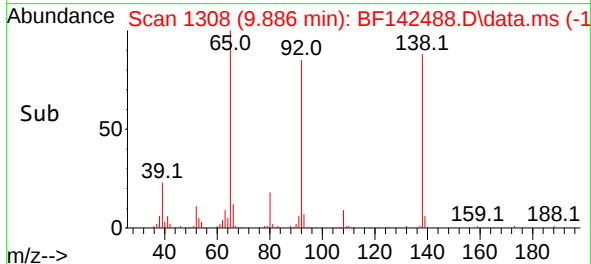
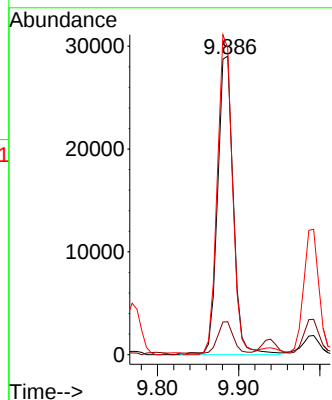
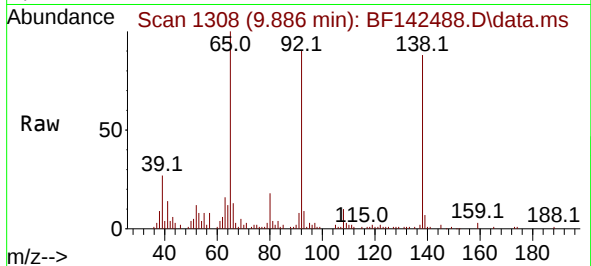




#53
3-Nitroaniline
Concen: 26.253 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

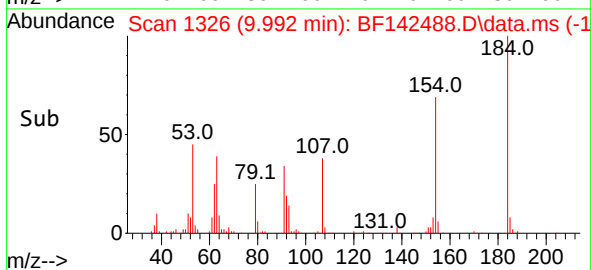
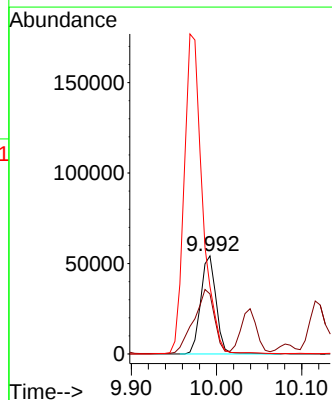
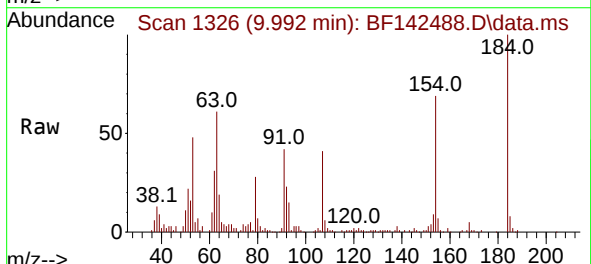
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

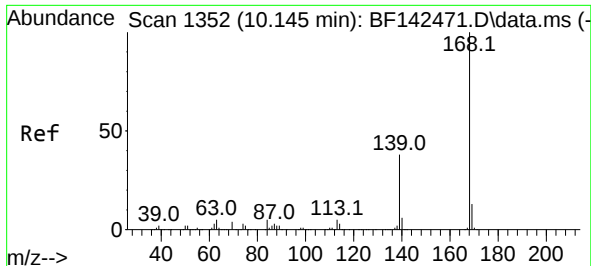
Tgt Ion:138 Resp: 39078
Ion Ratio Lower Upper
138 100
108 11.0 8.1 12.1
92 102.7 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 96.781 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:184 Resp: 68143
Ion Ratio Lower Upper
184 100
63 61.2 46.3 69.5
154 68.6 56.8 85.2

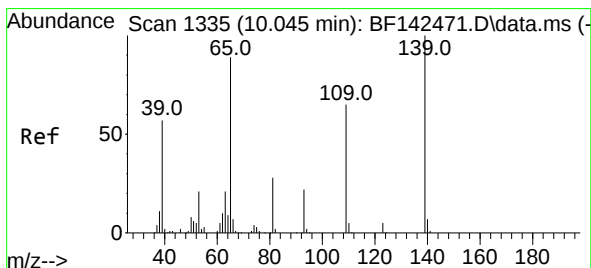
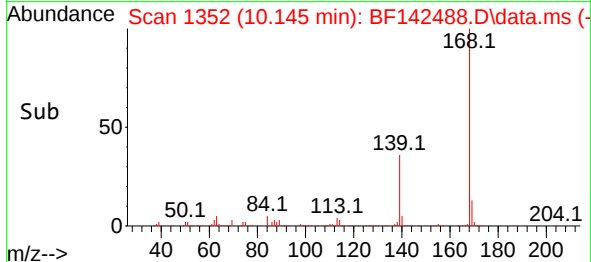
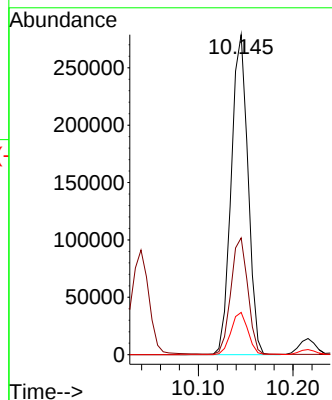
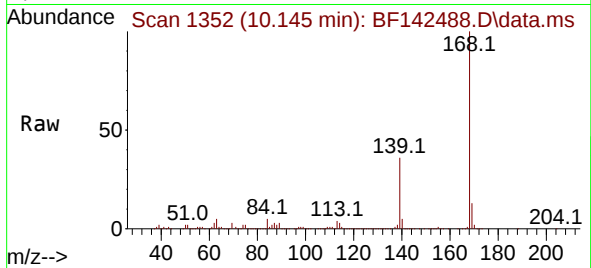




#55
Dibenzenofuran
Concen: 42.059 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

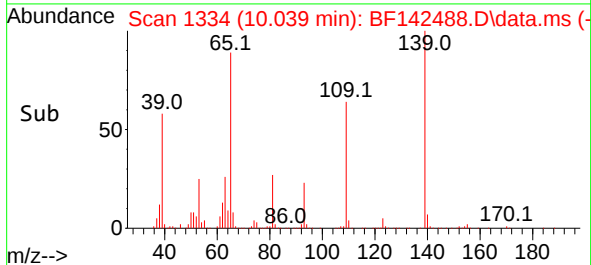
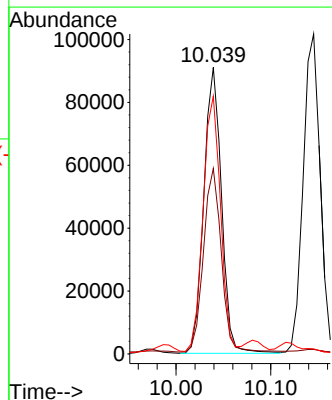
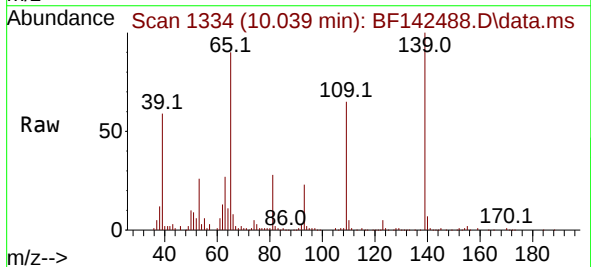
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

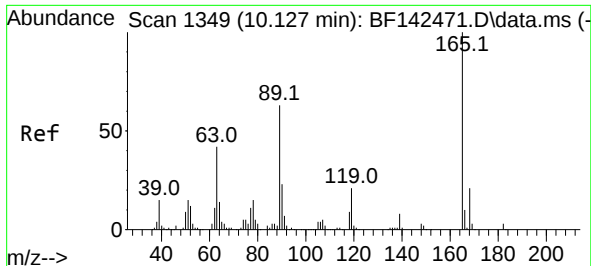
Tgt Ion:168 Resp: 342315
Ion Ratio Lower Upper
168 100
139 36.5 30.2 45.2
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 107.039 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:139 Resp: 117563
Ion Ratio Lower Upper
139 100
109 64.7 45.1 85.1
65 89.9 69.7 109.7

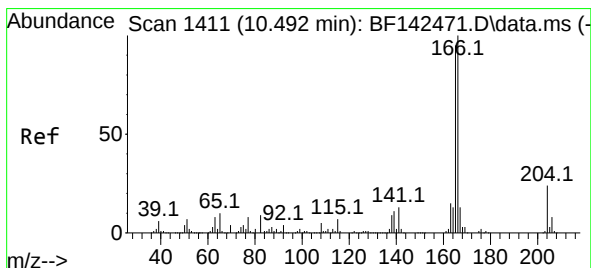
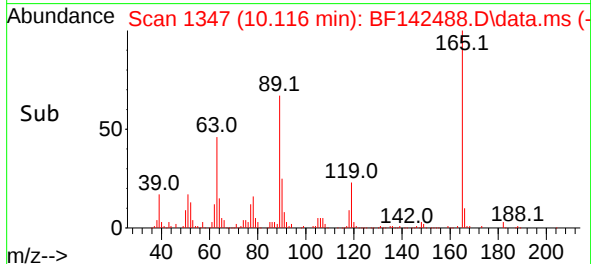
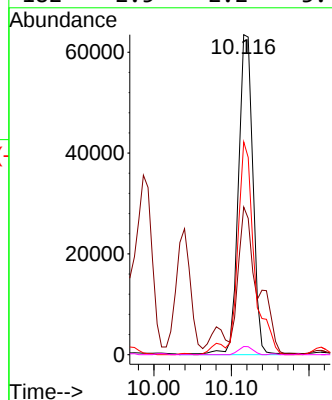
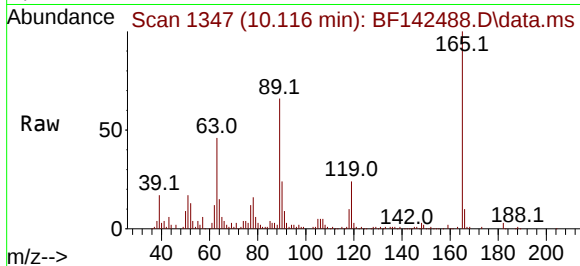




#57
2,4-Dinitrotoluene
Concen: 46.626 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

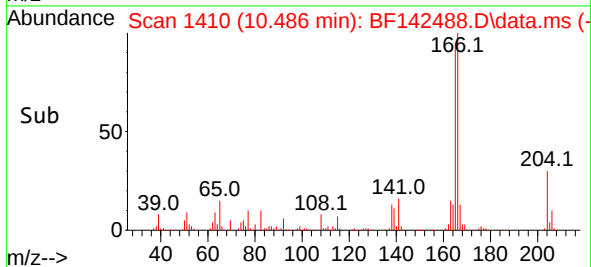
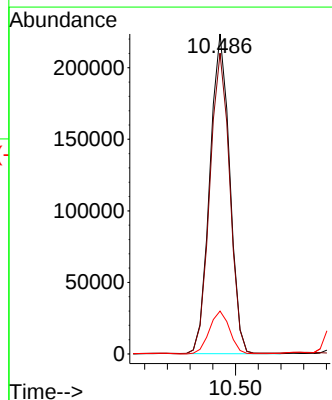
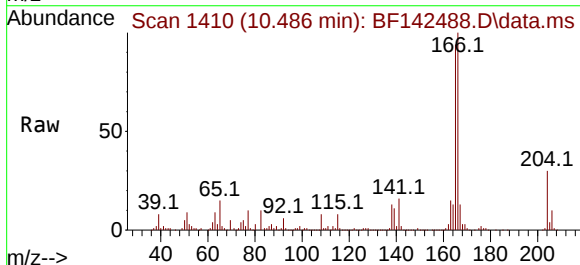
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:165 Resp: 82986
Ion Ratio Lower Upper
165 100
63 46.2 33.6 50.4
89 66.5 50.2 75.4
182 2.5 2.2 3.4



#58
Fluorene
Concen: 43.065 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:166 Resp: 270781
Ion Ratio Lower Upper
166 100
165 94.0 75.8 113.8
167 13.4 10.6 16.0

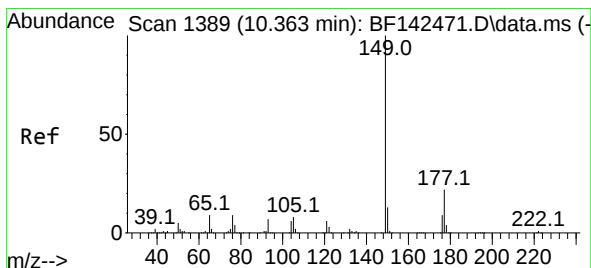
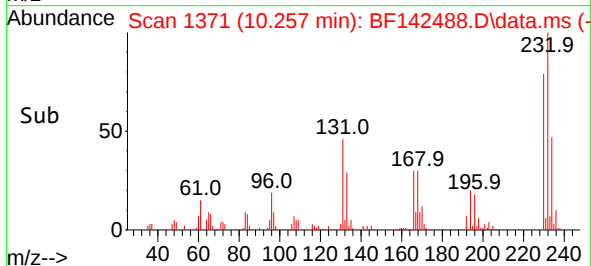
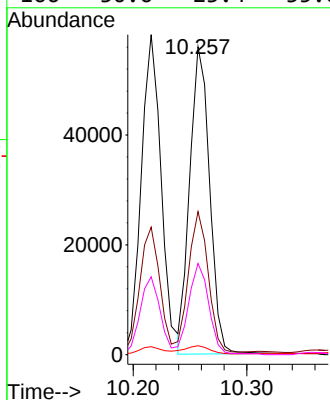
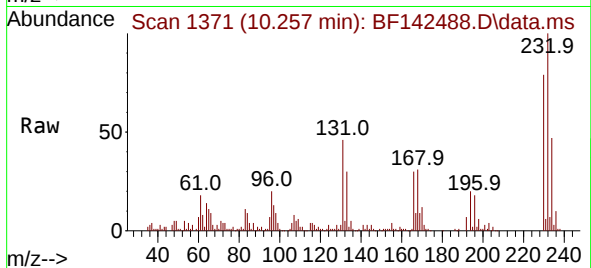




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.641 ng
RT: 10.257 min Scan# 1371
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

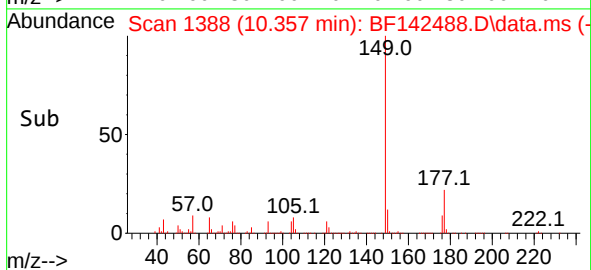
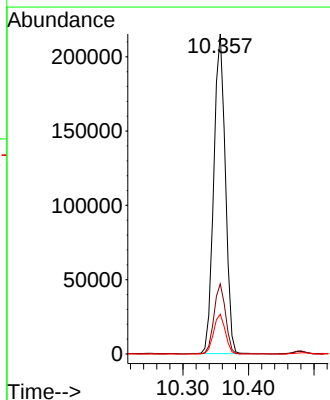
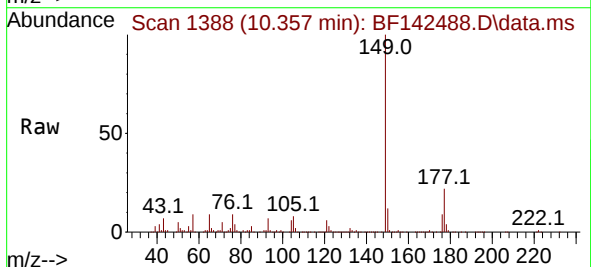
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

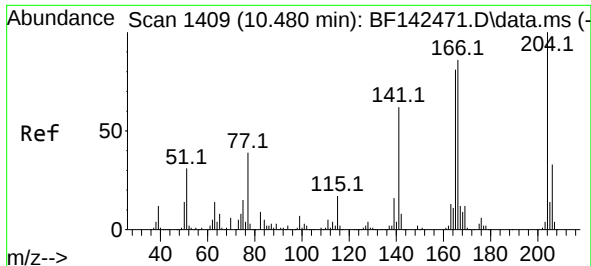
Tgt Ion:232 Resp: 67912
Ion Ratio Lower Upper
232 100
131 45.8 35.2 52.8
130 4.1 1.7 2.5#
166 30.6 23.4 35.0



#60
Diethylphthalate
Concen: 42.650 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:149 Resp: 263021
Ion Ratio Lower Upper
149 100
177 21.9 17.6 26.4
150 12.4 10.1 15.1

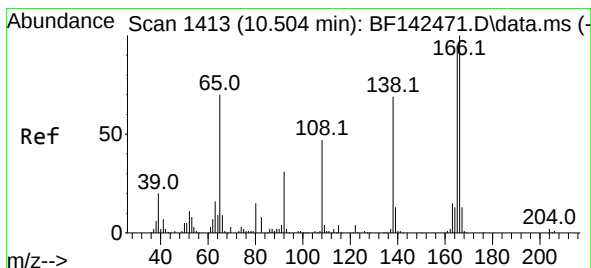
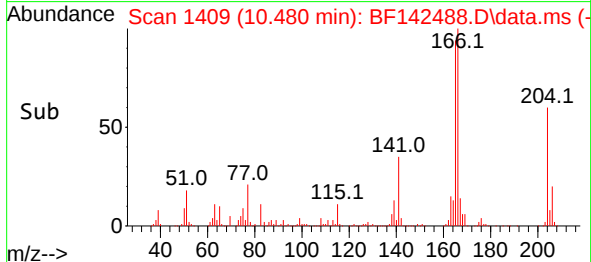
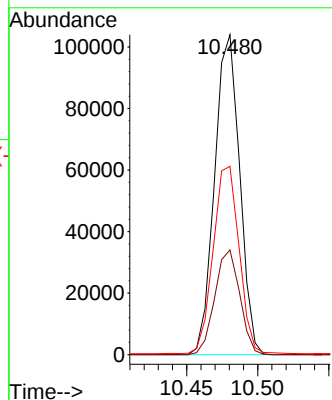
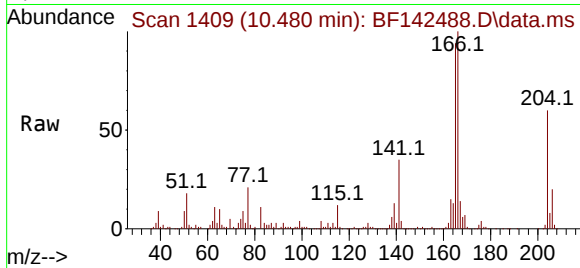




#61
4-Chlorophenyl-phenylether
Concen: 41.312 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

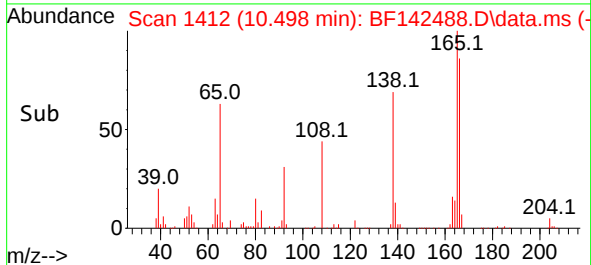
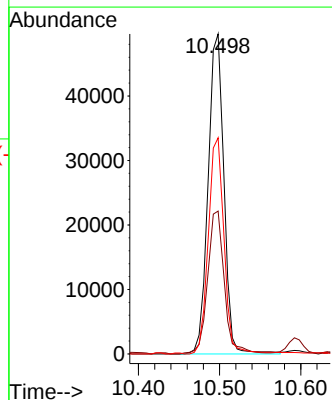
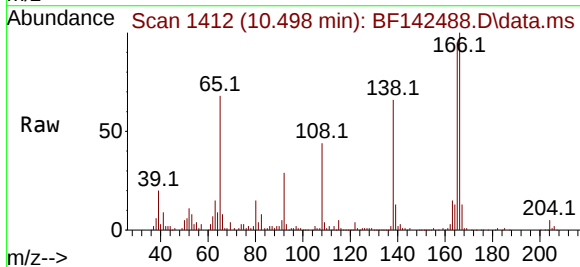
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

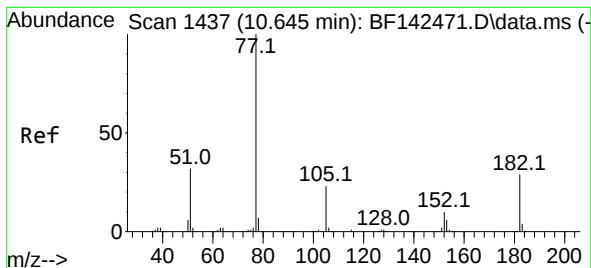
Tgt Ion:204 Resp: 127605
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 58.8 49.5 74.3



#62
4-Nitroaniline
Concen: 49.607 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:138 Resp: 66970
Ion Ratio Lower Upper
138 100
92 44.7 26.0 66.0
108 67.6 48.4 88.4





#63

Azobenzene

Concen: 45.814 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142488.D

Acq: 21 May 2025 15:34

Instrument :

BNA_F

ClientSampleId :

SS-11MSD

Tgt Ion: 77 Resp: 253765

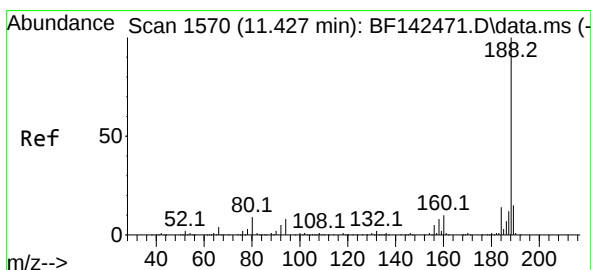
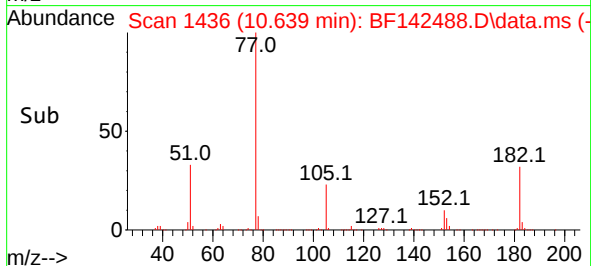
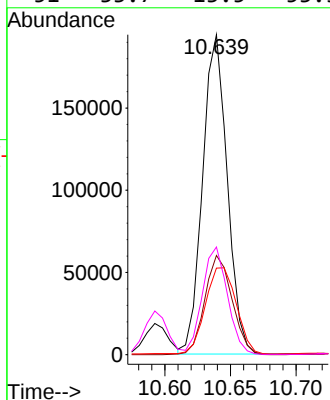
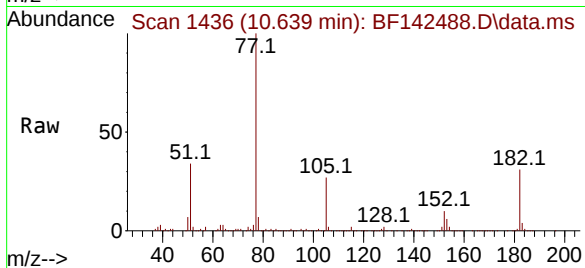
Ion Ratio Lower Upper

77 100

182 31.0 9.0 49.0

105 27.1 2.4 42.4

51 33.7 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142488.D

Acq: 21 May 2025 15:34

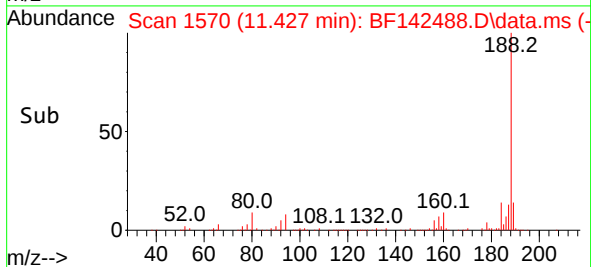
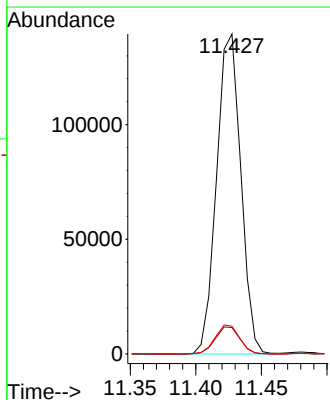
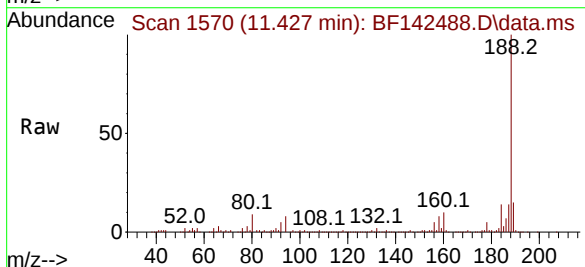
Tgt Ion: 188 Resp: 179294

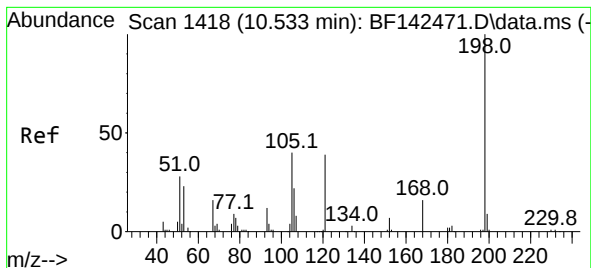
Ion Ratio Lower Upper

188 100

94 8.2 6.6 10.0

80 8.7 7.4 11.0

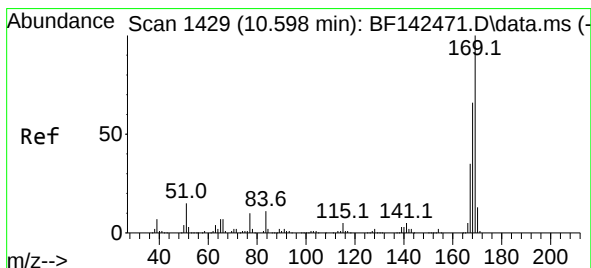
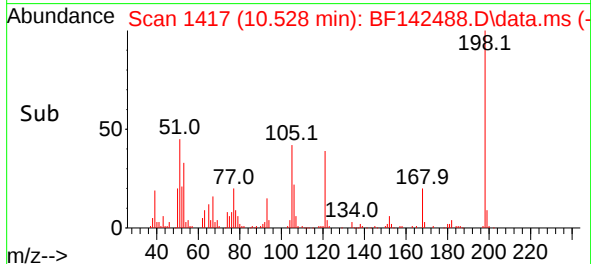
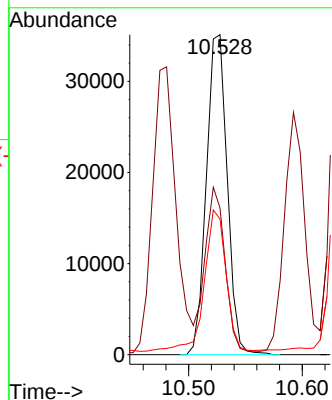
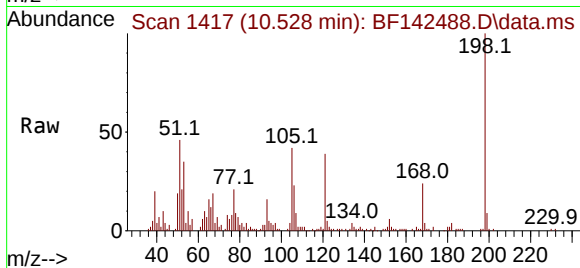




#65
4,6-Dinitro-2-methylphenol
Concen: 44.681 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

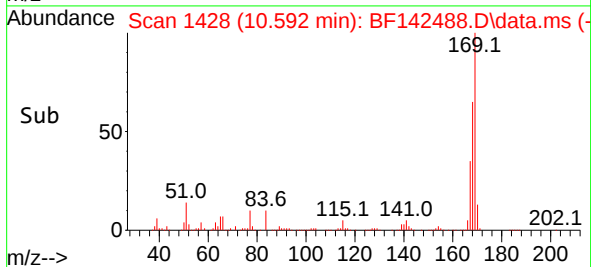
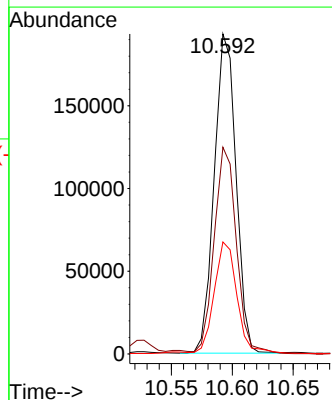
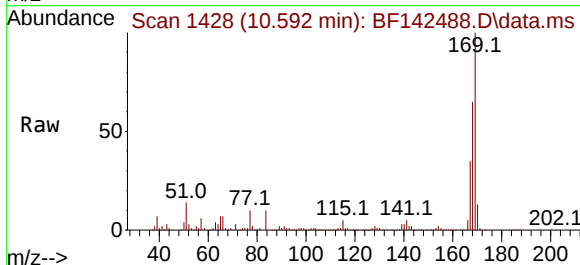
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:198 Resp: 44708
Ion Ratio Lower Upper
198 100
51 45.8 28.3 68.3
105 42.3 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 39.074 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:169 Resp: 239679
Ion Ratio Lower Upper
169 100
168 64.6 52.7 79.1
167 35.0 28.3 42.5

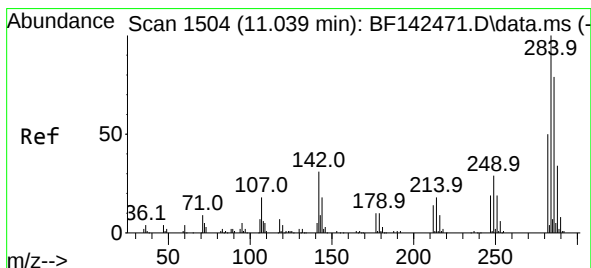
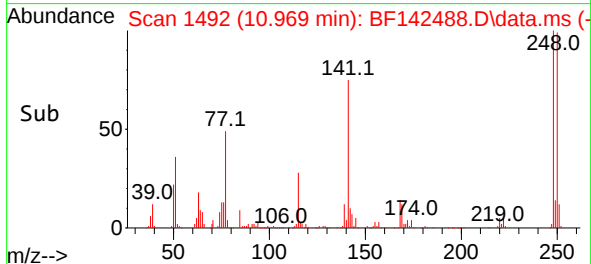
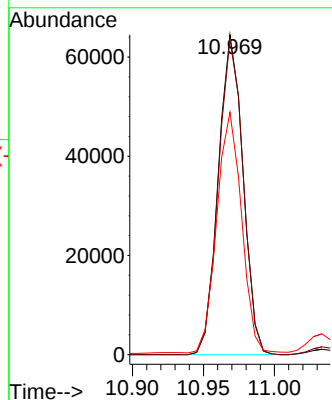
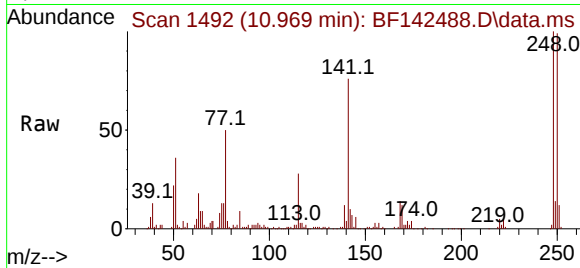




#67
4-Bromophenyl-phenylether
Concen: 36.748 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

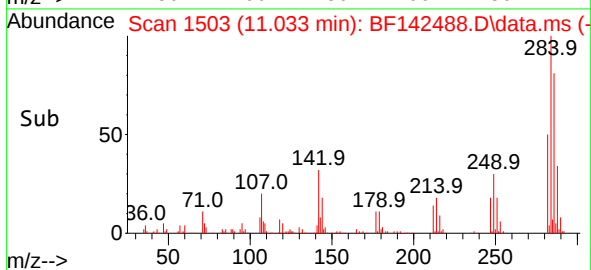
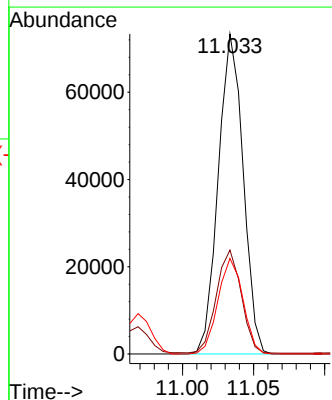
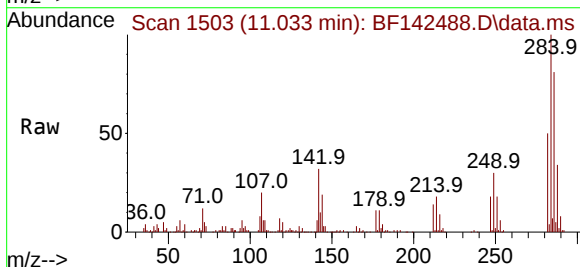
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

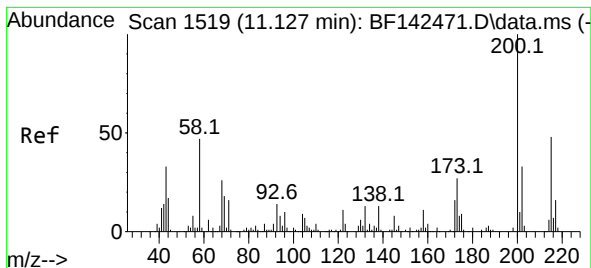
Tgt Ion:248 Resp: 77907
Ion Ratio Lower Upper
248 100
250 98.7 79.0 118.4
141 75.7 58.4 87.6



#68
Hexachlorobenzene
Concen: 38.058 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:284 Resp: 89239
Ion Ratio Lower Upper
284 100
142 32.5 24.8 37.2
249 29.8 23.6 35.4





#69

Atrazine

Concen: 49.697 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.005 min

Lab File: BF142488.D

Acq: 21 May 2025 15:34

Instrument :

BNA_F

ClientSampleId :

SS-11MSD

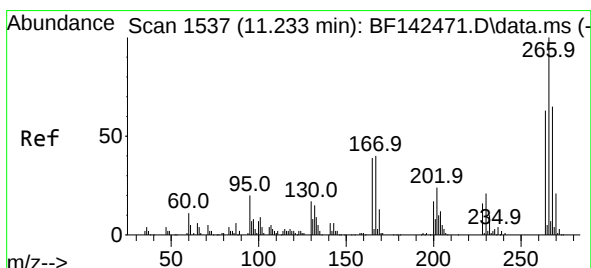
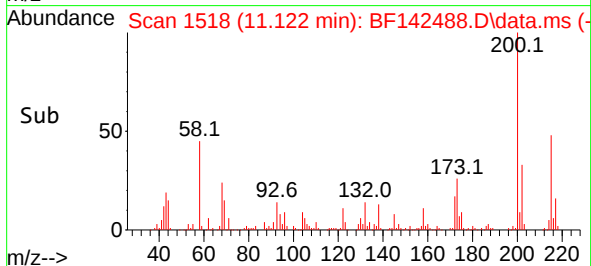
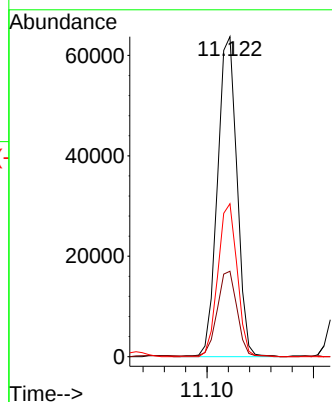
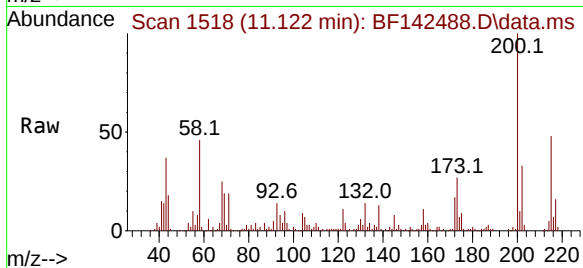
Tgt Ion:200 Resp: 80957

Ion Ratio Lower Upper

200 100

173 26.7 7.4 47.4

215 47.8 28.5 68.5



#70

Pentachlorophenol

Concen: 89.217 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142488.D

Acq: 21 May 2025 15:34

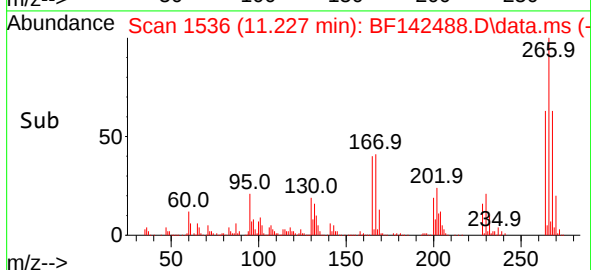
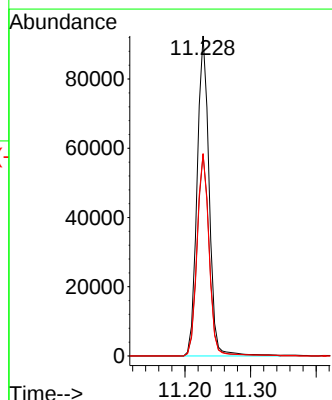
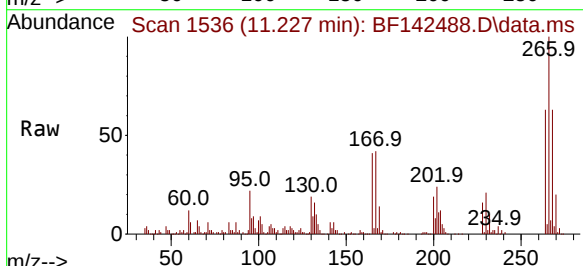
Tgt Ion:266 Resp: 118109

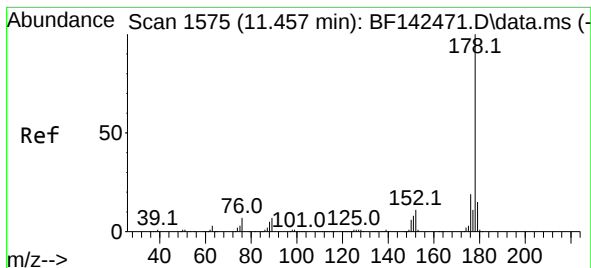
Ion Ratio Lower Upper

266 100

268 63.1 51.7 77.5

264 63.2 50.4 75.6





#71

Phenanthrene

Concen: 43.518 ng

RT: 11.451 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF142488.D

Acq: 21 May 2025 15:34

Instrument :

BNA_F

ClientSampleId :

SS-11MSD

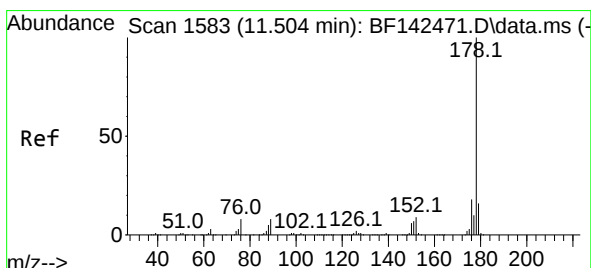
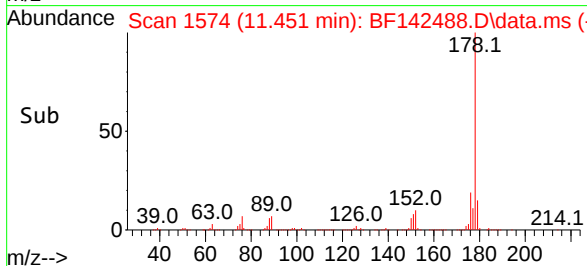
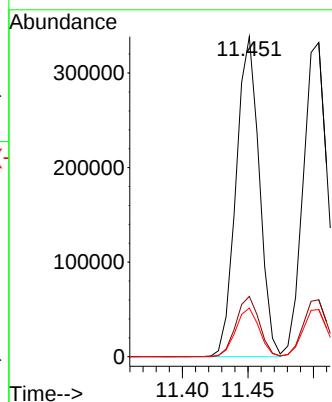
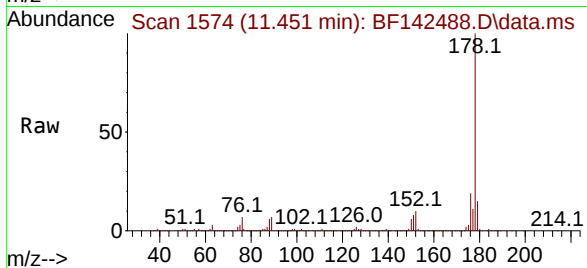
Tgt Ion:178 Resp: 416981

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

179 15.2 12.3 18.5



#72

Anthracene

Concen: 43.517 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142488.D

Acq: 21 May 2025 15:34

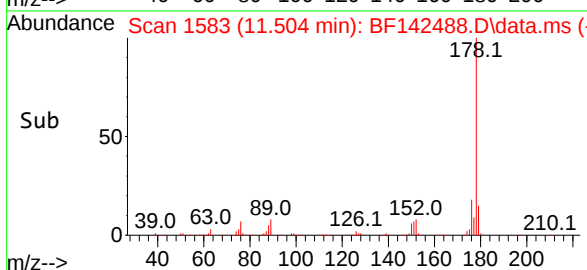
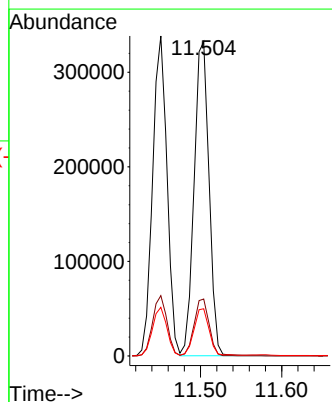
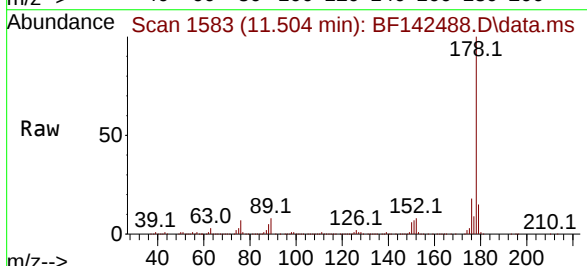
Tgt Ion:178 Resp: 425552

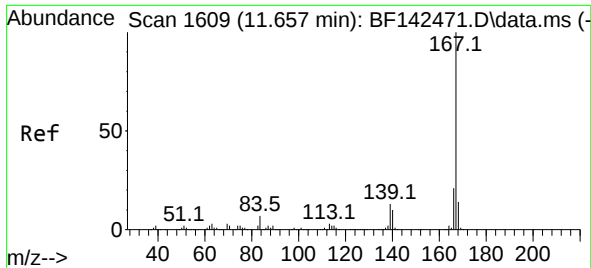
Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

179 15.0 12.4 18.6

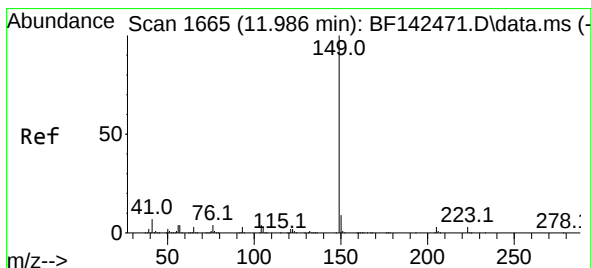
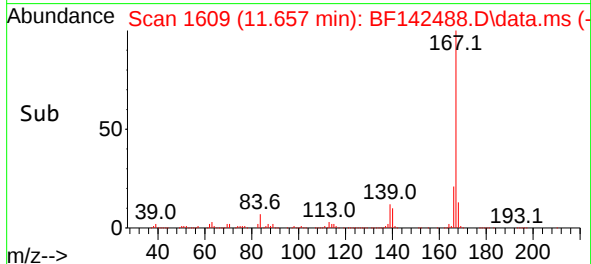
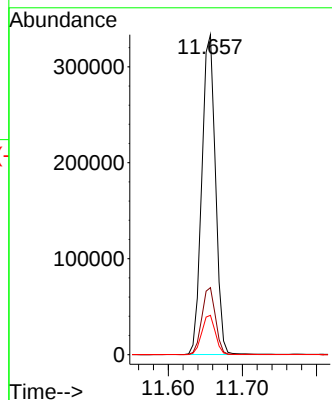
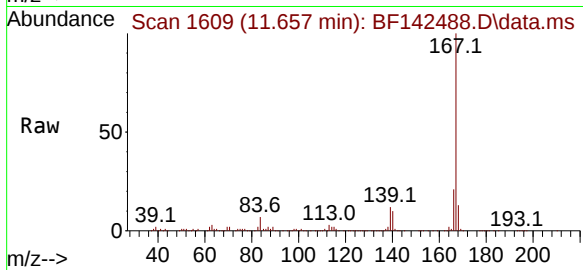




#73
 Carbazole
 Concen: 50.924 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142488.D
 Acq: 21 May 2025 15:34

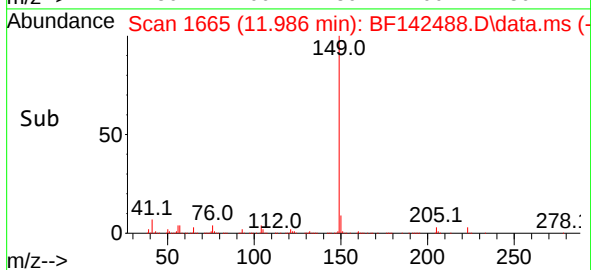
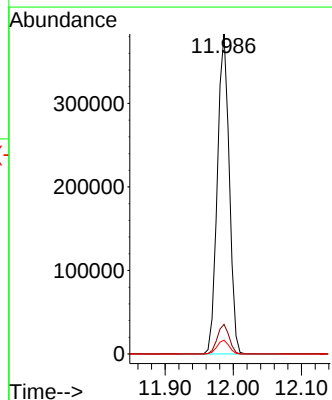
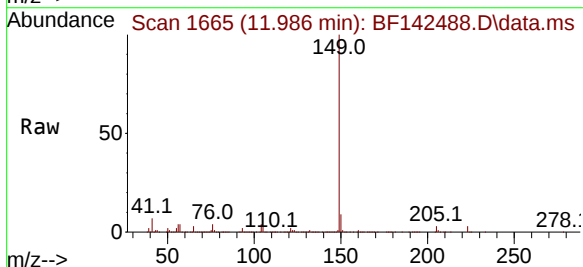
Instrument :
 BNA_F
 ClientSampleId :
 SS-11MSD

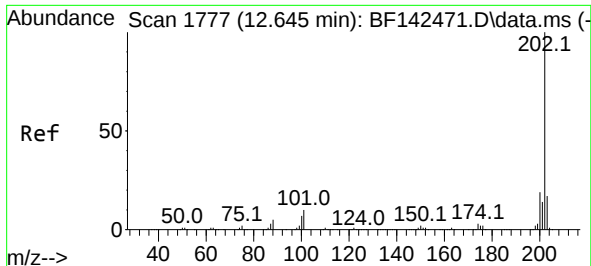
Tgt Ion:167 Resp: 425725
 Ion Ratio Lower Upper
 167 100
 166 20.9 16.9 25.3
 139 12.3 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 50.811 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142488.D
 Acq: 21 May 2025 15:34

Tgt Ion:149 Resp: 464959
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.3 3.6 5.4

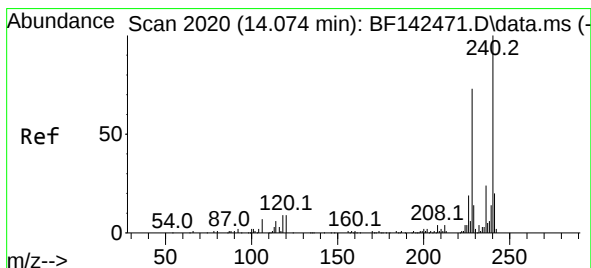
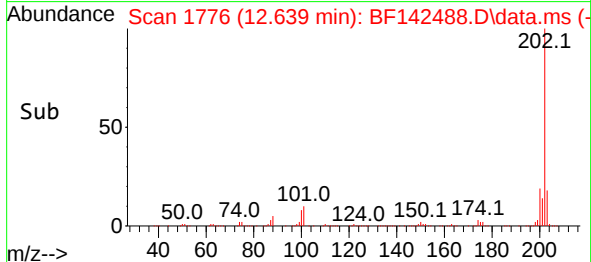
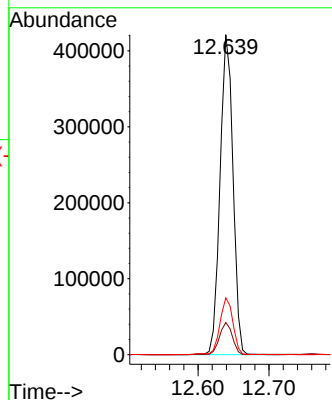
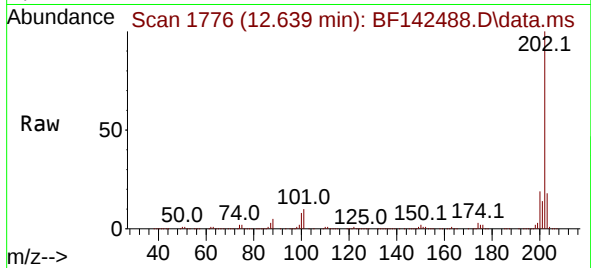




#75
Fluoranthene
Concen: 59.183 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

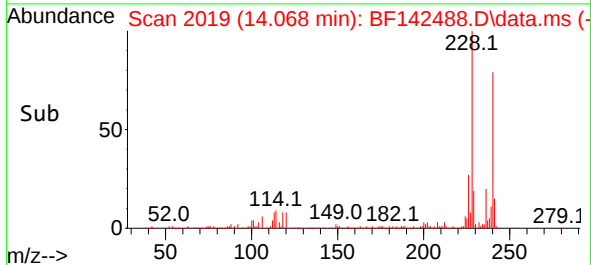
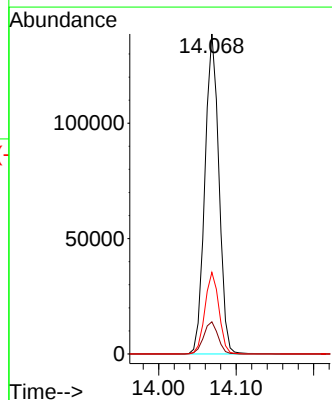
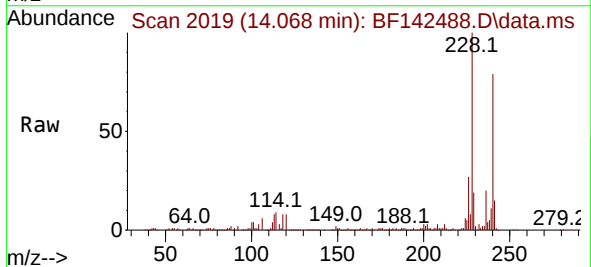
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

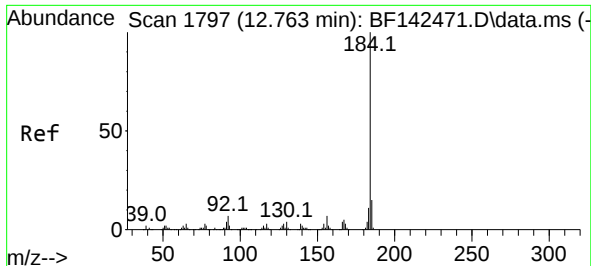
Tgt Ion:202 Resp: 529880
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.6
203 17.8 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:240 Resp: 174160
Ion Ratio Lower Upper
240 100
120 10.0 7.5 11.3
236 25.5 19.6 29.4

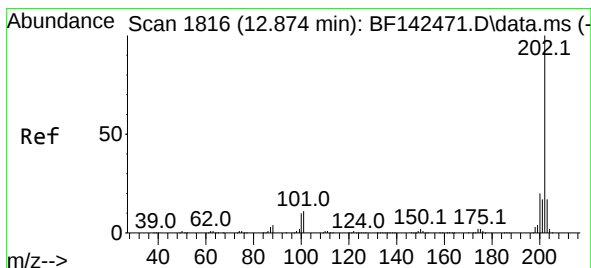
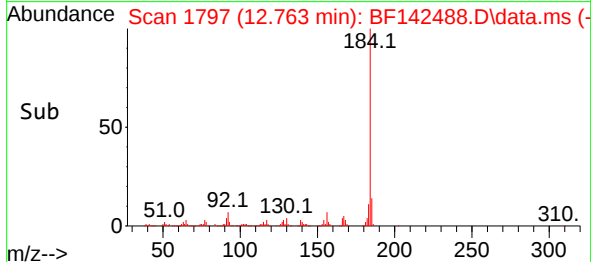
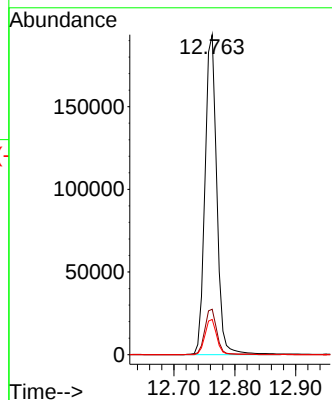
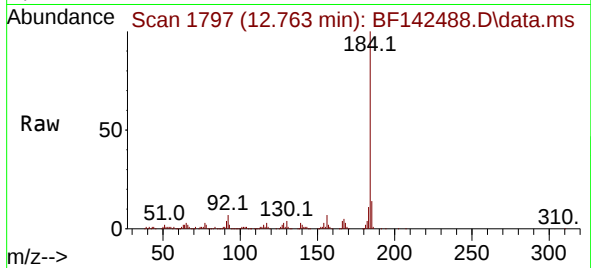




#77
Benzidine
Concen: 40.226 ng
RT: 12.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

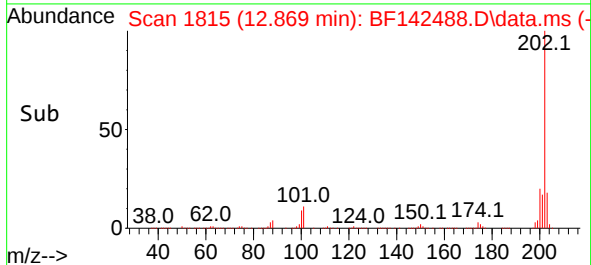
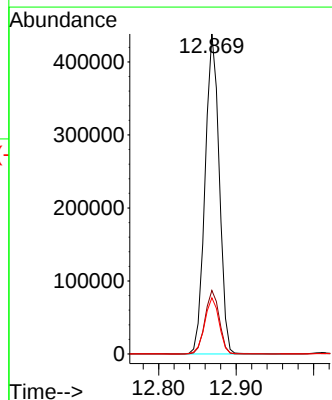
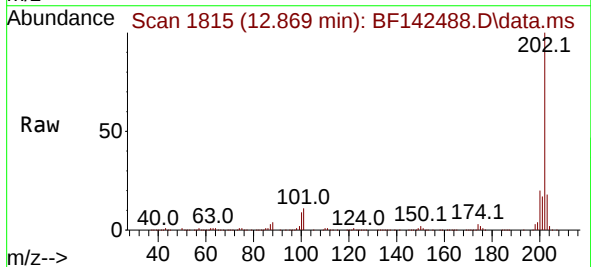
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

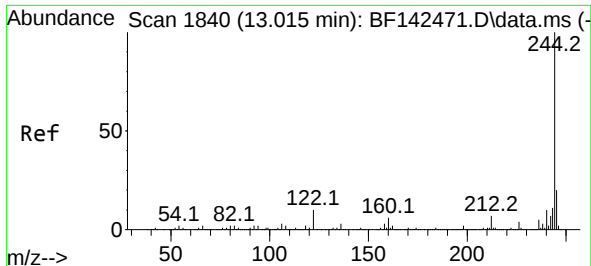
Tgt Ion:184 Resp: 260706
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 11.0 9.0 13.4



#78
Pyrene
Concen: 34.165 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:202 Resp: 555060
Ion Ratio Lower Upper
202 100
200 19.8 16.1 24.1
203 17.6 13.9 20.9

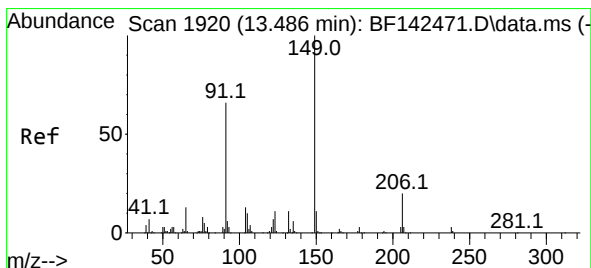
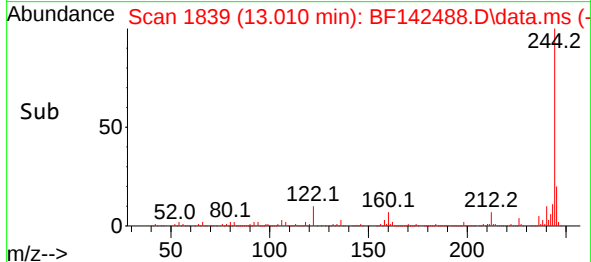
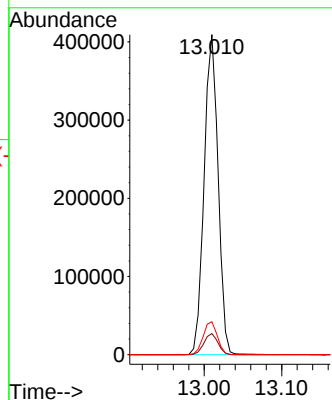
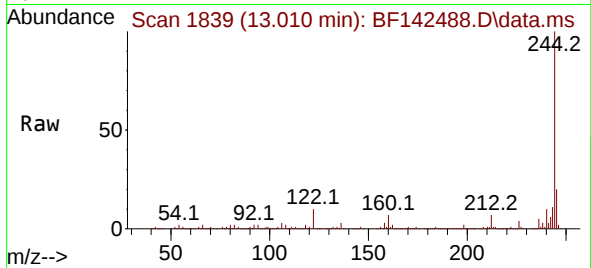




#79
 Terphenyl-d14
 Concen: 40.188 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142488.D
 Acq: 21 May 2025 15:34

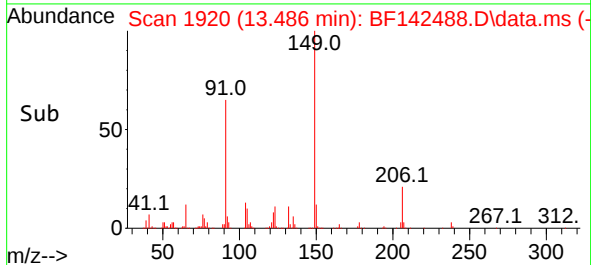
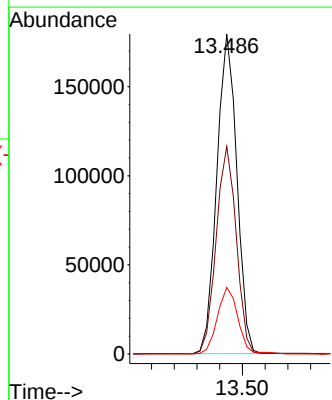
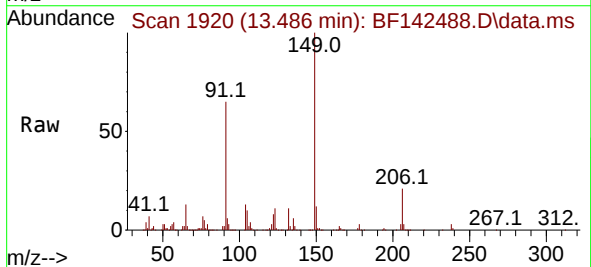
Instrument :
 BNA_F
 ClientSampleId :
 SS-11MSD

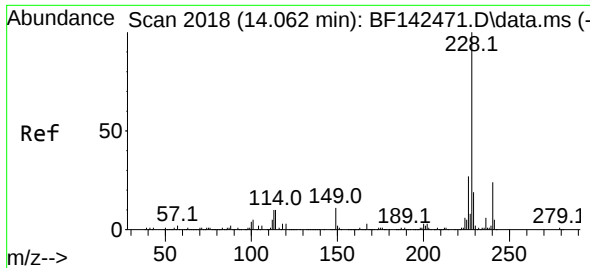
Tgt Ion:244 Resp: 512173
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 10.3 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 49.000 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142488.D
 Acq: 21 May 2025 15:34

Tgt Ion:149 Resp: 219971
 Ion Ratio Lower Upper
 149 100
 91 64.8 52.9 79.3
 206 20.8 16.2 24.2

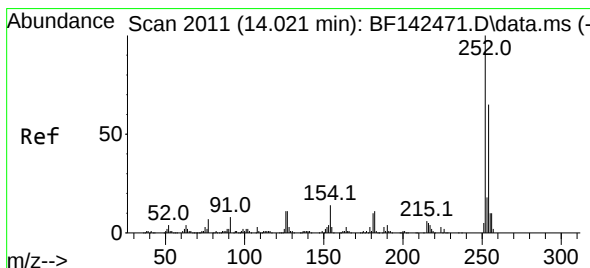
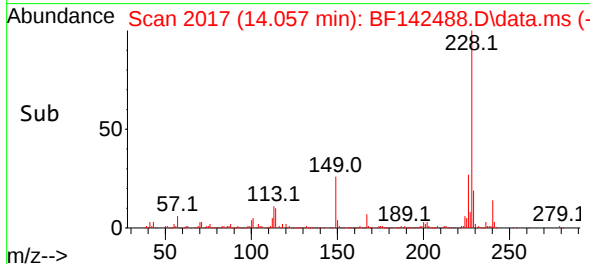
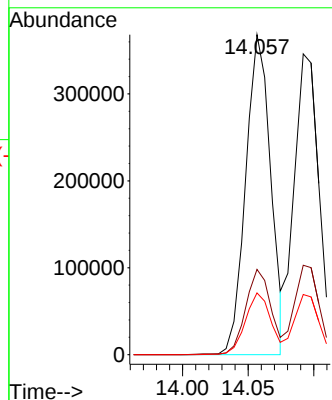
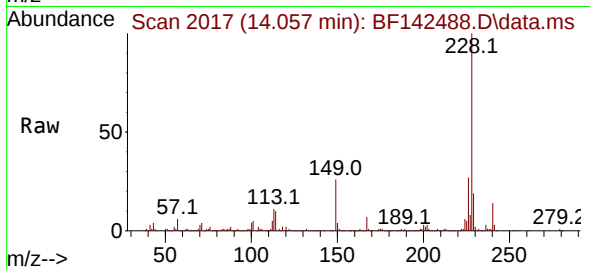




#81
Benzo(a)anthracene
Concen: 41.968 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

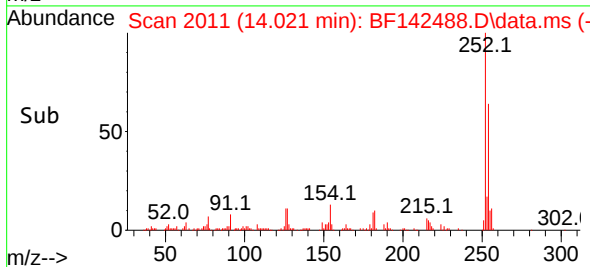
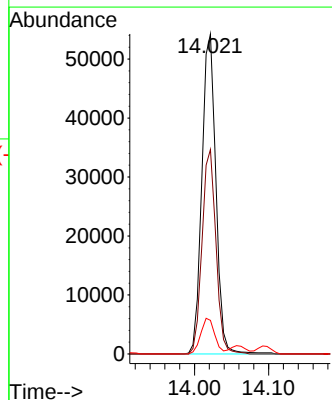
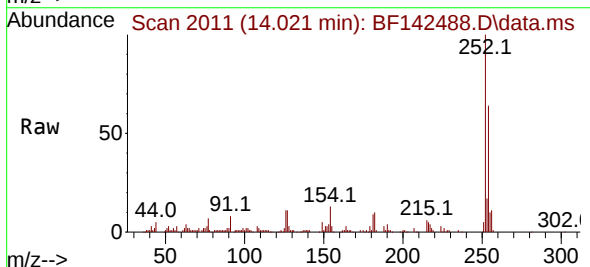
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

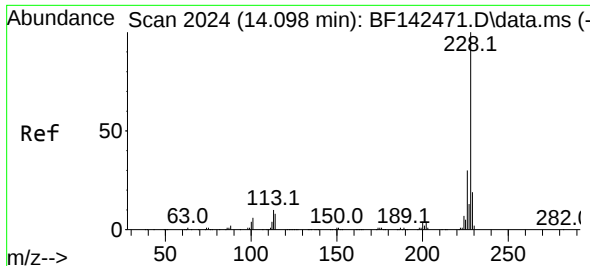
Tgt Ion:228 Resp: 488067
Ion Ratio Lower Upper
228 100
226 26.7 21.2 31.8
229 19.3 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 20.183 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:252 Resp: 71192
Ion Ratio Lower Upper
252 100
254 63.9 52.0 78.0
126 10.5 8.9 13.3

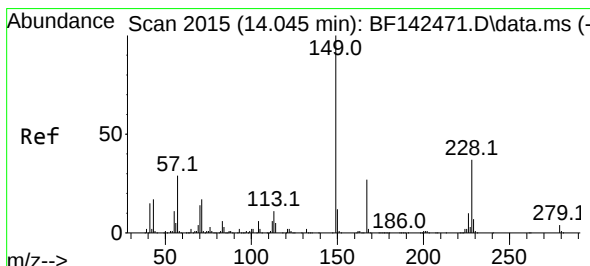
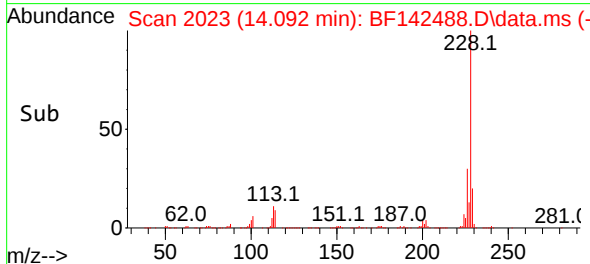
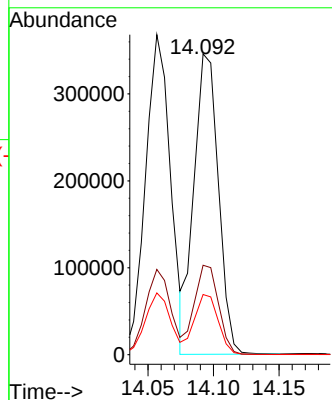
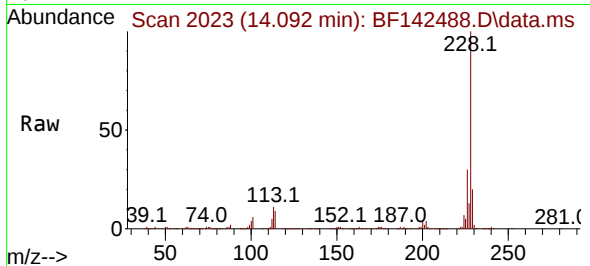




#83
Chrysene
Concen: 42.984 ng
RT: 14.092 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

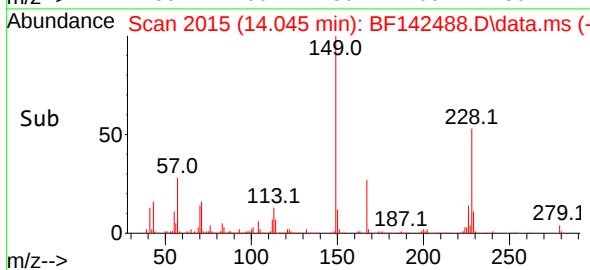
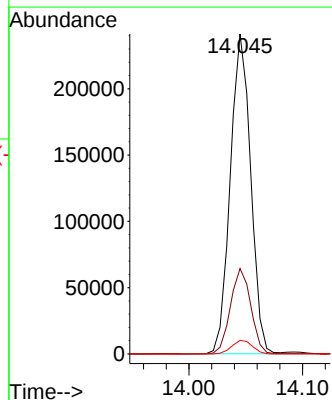
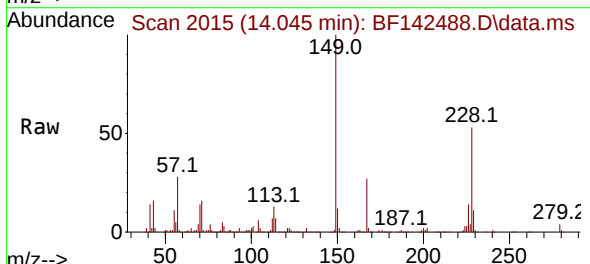
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

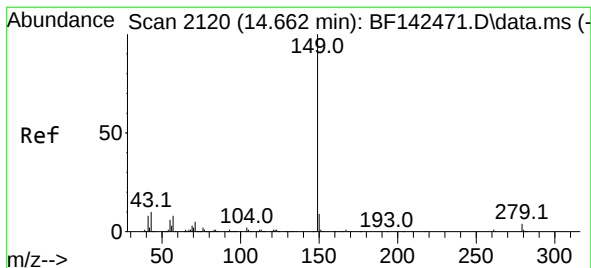
Tgt Ion:228 Resp: 449179
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.6
229 20.0 15.4 23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.268 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:149 Resp: 300378
Ion Ratio Lower Upper
149 100
167 26.7 21.5 32.3
279 4.3 3.2 4.8

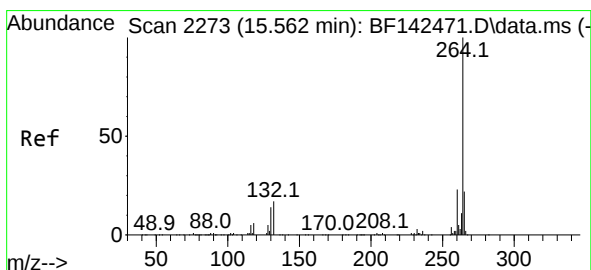
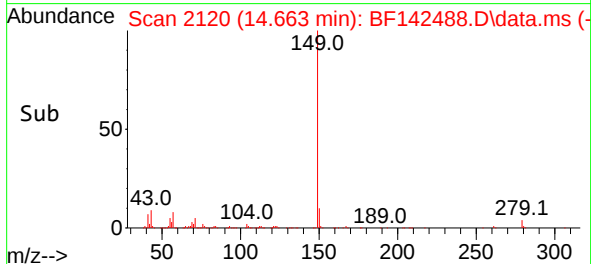
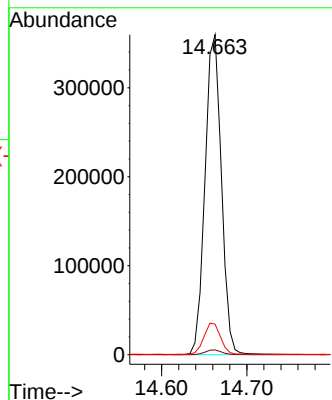
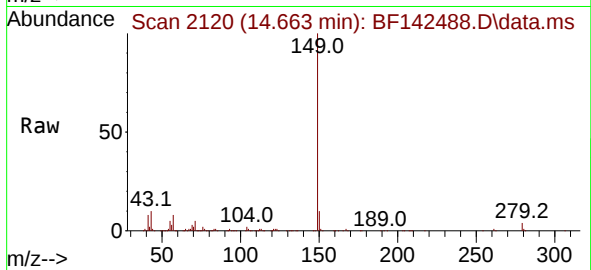




#85
Di-n-octyl phthalate
Concen: 42.717 ng
RT: 14.663 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

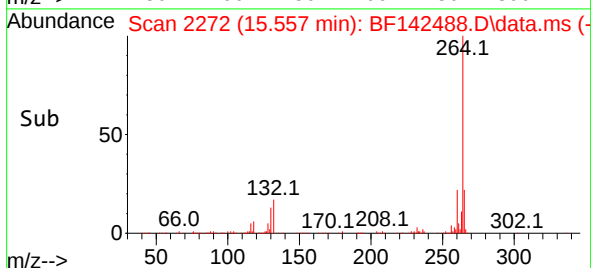
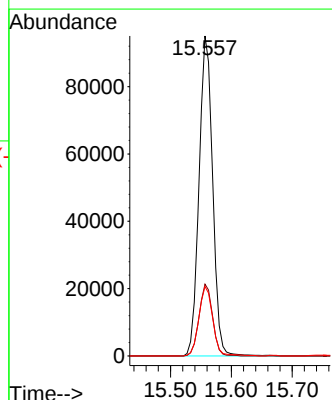
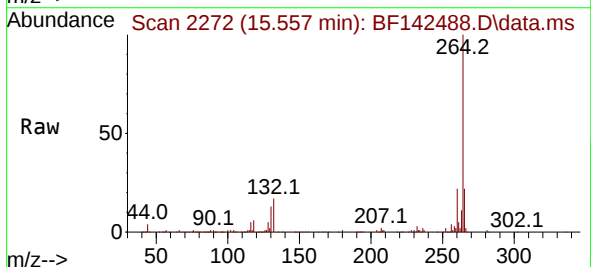
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

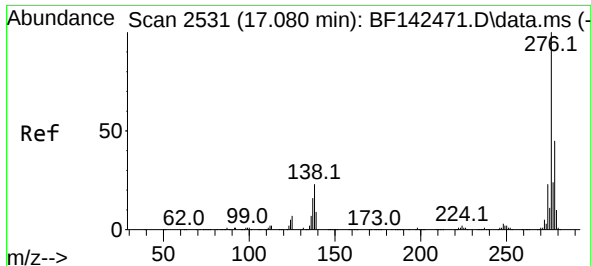
Tgt Ion:149 Resp: 480004
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.0 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:264 Resp: 147670
Ion Ratio Lower Upper
264 100
260 22.5 18.6 28.0
265 21.7 17.7 26.5

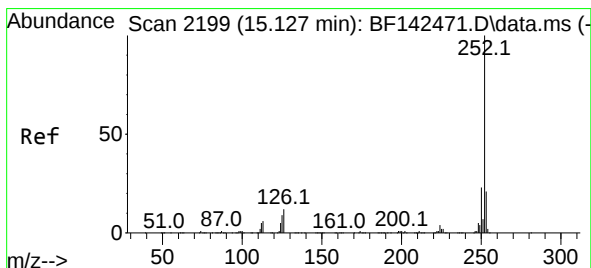
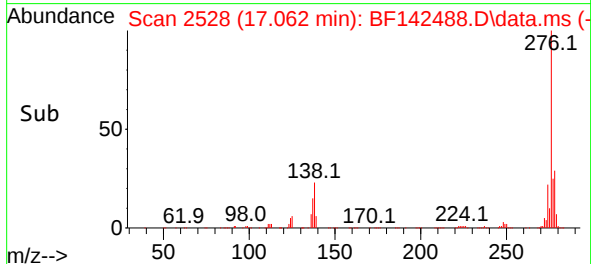
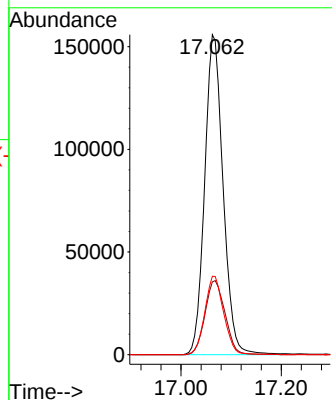
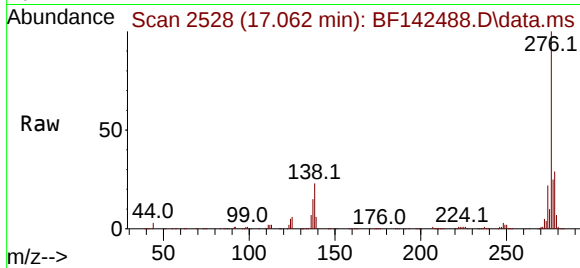




#87
Indeno(1,2,3-cd)pyrene
Concen: 35.852 ng
RT: 17.062 min Scan# 2198
Delta R.T. -0.029 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

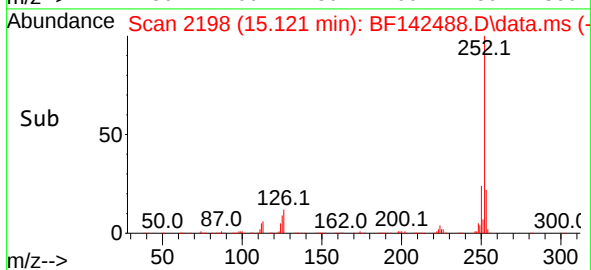
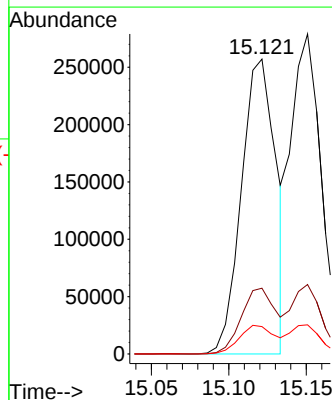
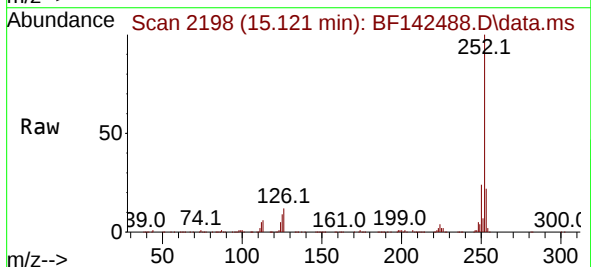
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

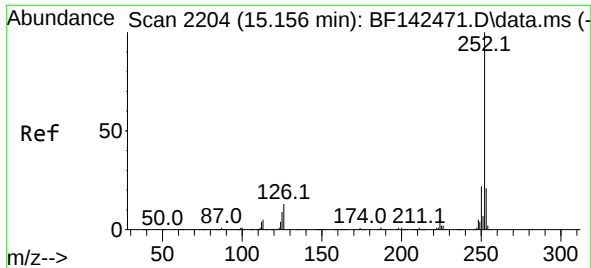
Tgt Ion:276 Resp: 397462
Ion Ratio Lower Upper
276 100
138 25.1 19.9 29.9
277 25.2 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 45.547 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:252 Resp: 398076
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 9.3 7.4 11.0

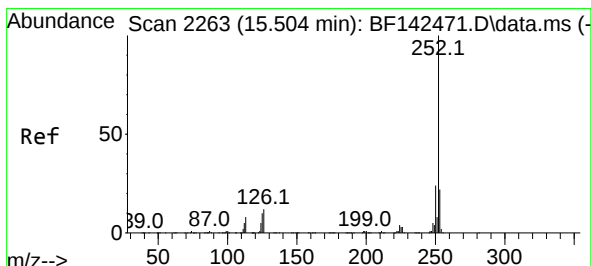
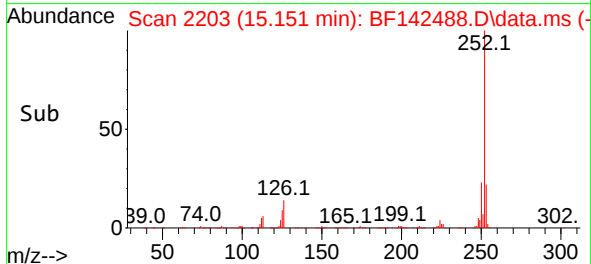
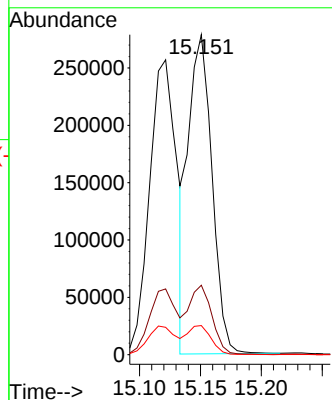
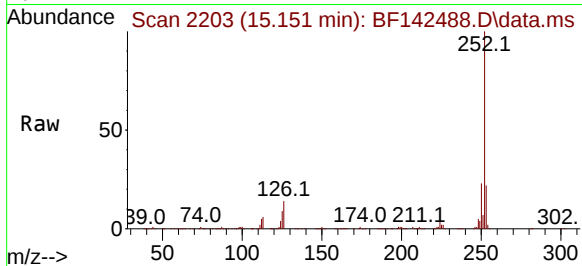




#89
Benzo(k)fluoranthene
Concen: 45.852 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

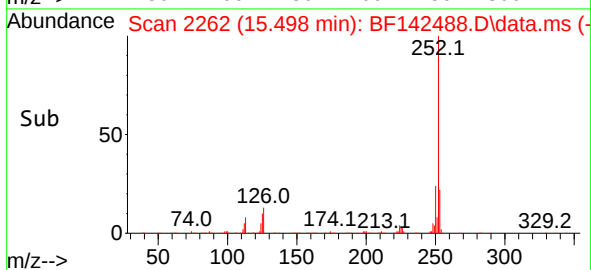
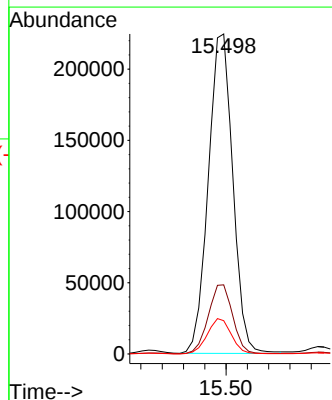
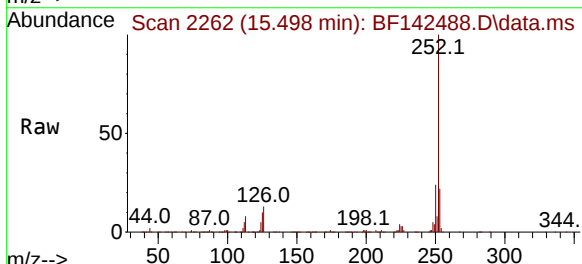
Instrument :
BNA_F
ClientSampleId :
SS-11MSD

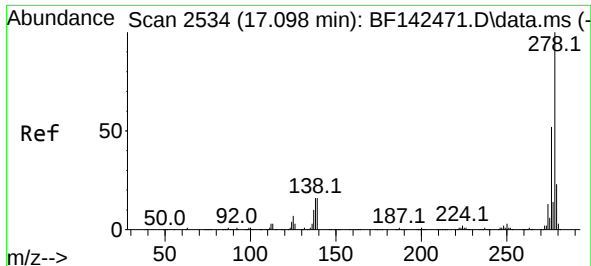
Tgt Ion:252 Resp: 375338
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 9.1 7.3 10.9



#90
Benzo(a)pyrene
Concen: 43.537 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:252 Resp: 358666
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 10.4 7.9 11.9

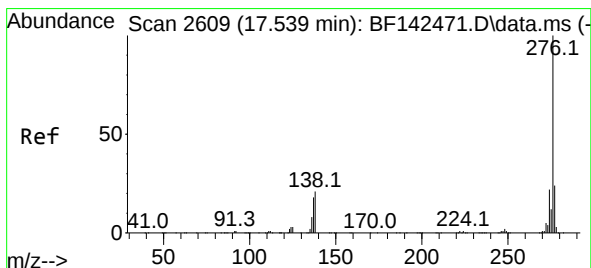
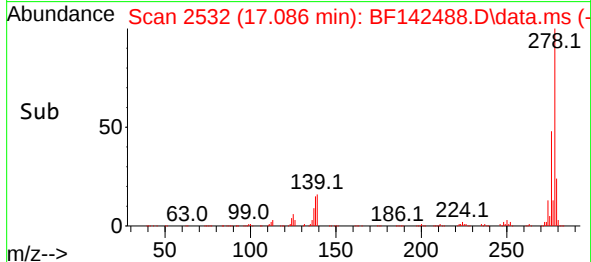
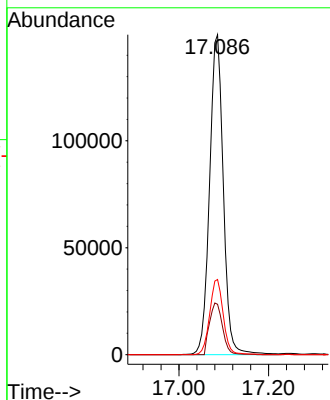
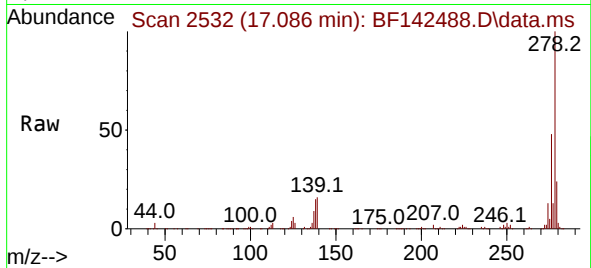




#91
Dibenzo(a,h)anthracene
Concen: 35.415 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:278 Resp: 318429
Ion Ratio Lower Upper
278 100
139 15.8 12.8 19.2
279 23.5 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 35.381 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.035 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:276 Resp: 318190
Ion Ratio Lower Upper
276 100
277 23.6 19.2 28.8
138 21.2 16.8 25.2

