

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142680.D
 Acq On : 07 Jun 2025 09:29
 Operator : RC/JU
 Sample : Q2244-01MSD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP03-MHCMSD

Quant Time: Jun 09 01:04:04 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	6.892	152	132647	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	469877	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	203299	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	301639	20.000	ng	0.00
76) Chrysene-d12	14.068	240	263285	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	195955	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	715465	90.872	ng	0.00
7) Phenol-d6	6.528	99	881616	93.021	ng	0.00
23) Nitrobenzene-d5	7.457	82	514484	59.705	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	191081	84.685	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	939165	61.989	ng	-0.01
79) Terphenyl-d14	13.010	244	855420	44.399	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	112811	35.806	ng	99
3) Pyridine	3.487	79	307075	38.274	ng	98
4) n-Nitrosodimethylamine	3.446	42	165861	39.815	ng	90
6) Aniline	6.557	93	429393	33.695	ng	97
8) 2-Chlorophenol	6.681	128	350358	40.854	ng	99
9) Benzaldehyde	6.445	77	184175	32.309	ng	99
10) Phenol	6.540	94	424529	39.808	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	320891	41.801	ng	100
12) 1,3-Dichlorobenzene	6.840	146	379311	39.638	ng	98
13) 1,4-Dichlorobenzene	6.916	146	383426	39.777	ng	98
14) 1,2-Dichlorobenzene	7.063	146	367989	39.897	ng	100
15) Benzyl Alcohol	7.034	79	279319	39.880	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	513619	39.841	ng	97
17) 2-Methylphenol	7.151	107	267823	40.000	ng	99
18) Hexachloroethane	7.410	117	131810	39.161	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	223689	38.082	ng	96
20) 3+4-Methylphenols	7.298	107	319641	37.280	ng	97
22) Acetophenone	7.304	105	434818	41.803	ng	98
24) Nitrobenzene	7.481	77	327330	42.118	ng	99
25) Isophorone	7.716	82	597807	41.494	ng	99
26) 2-Nitrophenol	7.792	139	183315	44.143	ng	98
27) 2,4-Dimethylphenol	7.834	122	310193	42.356	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	384218	42.692	ng	99
29) 2,4-Dichlorophenol	8.039	162	271591	40.779	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	297375	41.142	ng	98
31) Naphthalene	8.204	128	935902	40.451	ng	100
32) Benzoic acid	7.945	122	178742	40.095	ng	98
33) 4-Chloroaniline	8.251	127	252675	26.952	ng	96
34) Hexachlorobutadiene	8.316	225	183459	40.650	ng	98
35) Caprolactam	8.616	113	78996	42.232	ng	99
36) 4-Chloro-3-methylphenol	8.734	107	250468	36.696	ng	96
37) 2-Methylnaphthalene	8.892	142	553693	38.040	ng	100
38) 1-Methylnaphthalene	8.992	142	562795	37.380	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	275141	47.147	ng	99
41) Hexachlorocyclopentadiene	9.045	237	194601	49.431	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	178126	45.265	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	174699	42.094	ng	99
46) 1,1'-Biphenyl	9.357	154	721285	45.731	ng	99
47) 2-Chloronaphthalene	9.381	162	515507	44.238	ng	99
48) 2-Nitroaniline	9.475	65	146180	43.399	ng	98
49) Acenaphthylene	9.798	152	821312	41.739	ng	100
50) Dimethylphthalate	9.657	163	618728	46.124	ng	100
51) 2,6-Dinitrotoluene	9.716	165	125060	43.195	ng	98
52) Acenaphthene	9.969	154	515065	42.867	ng	99
53) 3-Nitroaniline	9.886	138	108889	34.434	ng	95
54) 2,4-Dinitrophenol	9.992	184	97233	65.004	ng	96
55) Dibenzofuran	10.145	168	699425	40.452	ng	97
56) 4-Nitrophenol	10.051	139	184700	79.158	ng	97
57) 2,4-Dinitrotoluene	10.122	165	158960	42.041	ng	99
58) Fluorene	10.486	166	518134	38.789	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	133489	38.528	ng	96
60) Diethylphthalate	10.357	149	558083	42.598	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	263955	40.226	ng	96
62) 4-Nitroaniline	10.498	138	108558	37.851	ng	97
63) Azobenzene	10.639	77	499435	42.443	ng	93
65) 4,6-Dinitro-2-methylph...	10.533	198	62378	37.055	ng	93
66) n-Nitrosodiphenylamine	10.592	169	454359	44.028	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	151732	42.542	ng	97
68) Hexachlorobenzene	11.033	284	161925	41.048	ng	100
69) Atrazine	11.122	200	136793	49.913	ng	99
70) Pentachlorophenol	11.227	266	196046	88.024	ng	98
71) Phenanthrene	11.451	178	672451	41.715	ng	100
72) Anthracene	11.504	178	707211	42.987	ng	100
73) Carbazole	11.657	167	655661	46.618	ng	99
74) Di-n-butylphthalate	11.980	149	770783	50.067	ng	100
75) Fluoranthene	12.639	202	774008	51.386	ng	98
77) Benzidine	12.763	184	466541	47.618	ng	100
78) Pyrene	12.869	202	804263	32.746	ng	99
80) Butylbenzylphthalate	13.486	149	344124	50.707	ng	97
81) Benzo(a)anthracene	14.063	228	756968	43.056	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	244409	45.834	ng	98
83) Chrysene	14.098	228	660871	41.834	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	494041	56.866	ng	99
85) Di-n-octyl phthalate	14.657	149	822267	48.405	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	485069	32.973	ng	99
88) Benzo(b)fluoranthene	15.121	252	586012	50.529	ng	98
89) Benzo(k)fluoranthene	15.151	252	495026	45.572	ng	98
90) Benzo(a)pyrene	15.498	252	475032	43.454	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	399204	33.458	ng	99
92) Benzo(g,h,i)perylene	17.533	276	385196	32.277	ng	99

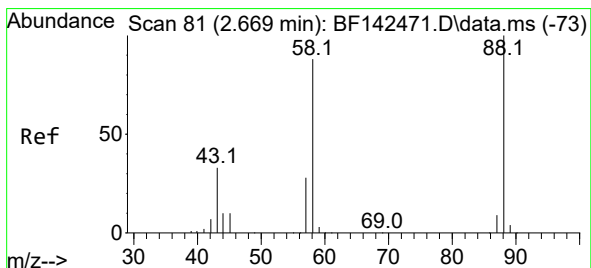
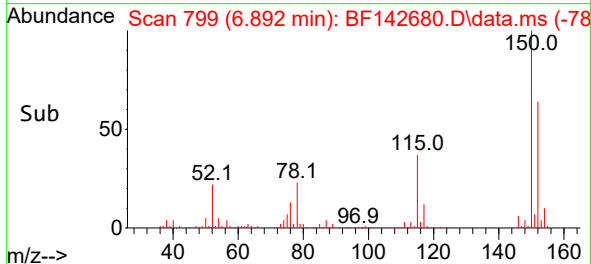
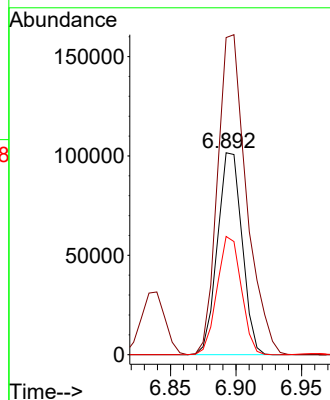
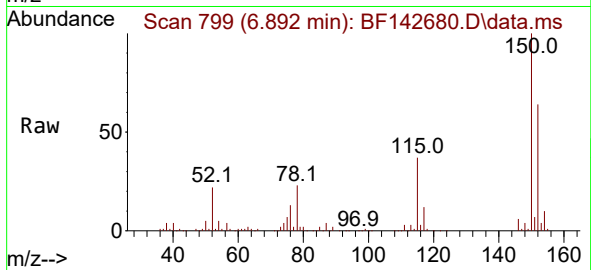
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF142680.D
 Acq: 07 Jun 2025 09:29

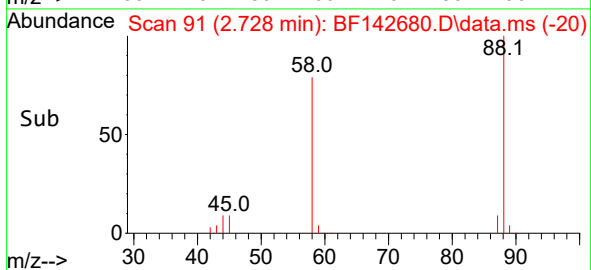
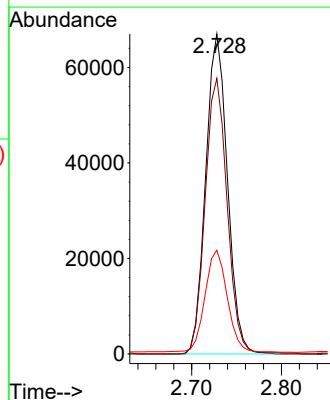
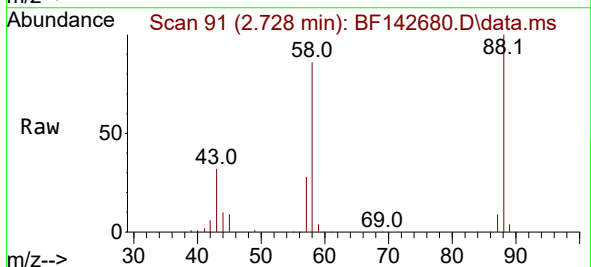
Instrument :
 BNA_F
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 TP03-MHCMDS

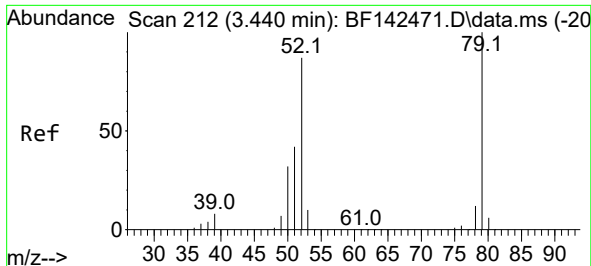
Tgt Ion:152 Resp: 132647
 Ion Ratio Lower Upper
 152 100
 150 157.1 128.2 192.4
 115 58.6 48.3 72.5



#2
 1,4-Dioxane
 Concen: 35.806 ng
 RT: 2.728 min Scan# 91
 Delta R.T. 0.065 min
 Lab File: BF142680.D
 Acq: 07 Jun 2025 09:29

Tgt Ion: 88 Resp: 112811
 Ion Ratio Lower Upper
 88 100
 58 87.4 70.8 106.2
 43 33.0 26.6 40.0

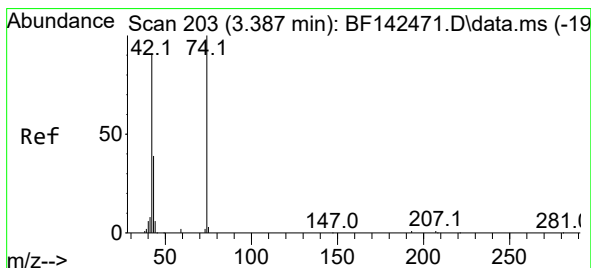
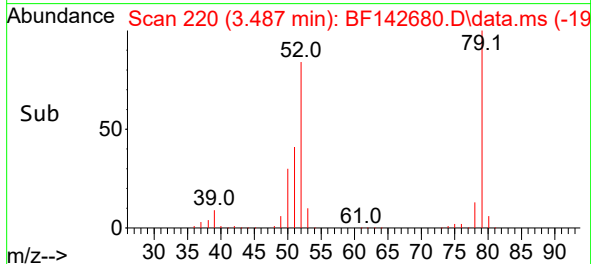
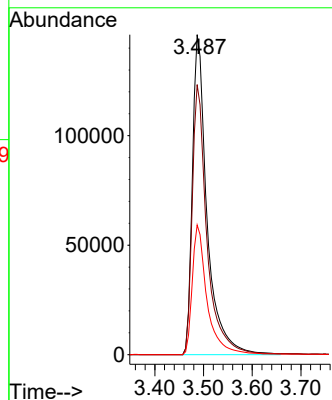
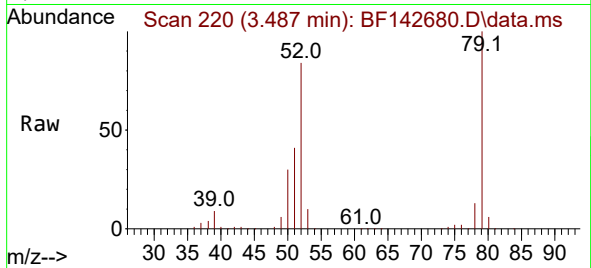




#3
 Pyridine
 Concen: 38.274 ng
 RT: 3.487 min Scan# 212
 Delta R.T. 0.047 min
 Lab File: BF142680.D
 Acq: 07 Jun 2025 09:29

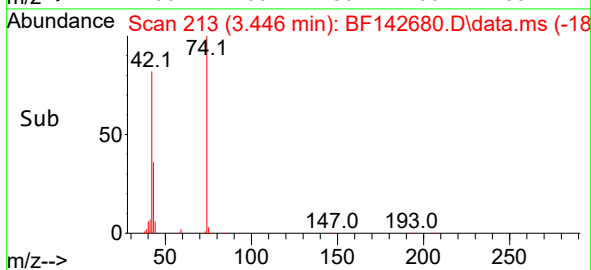
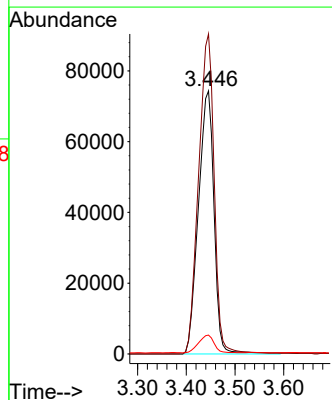
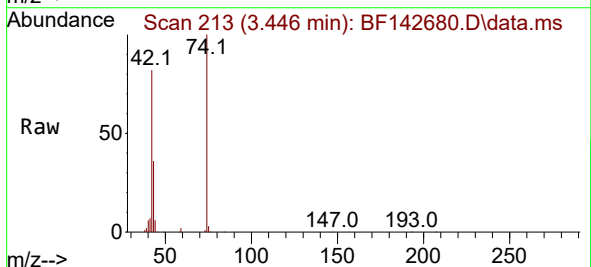
Instrument :
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 ClientSampleId :
 TP03-MHCMDS

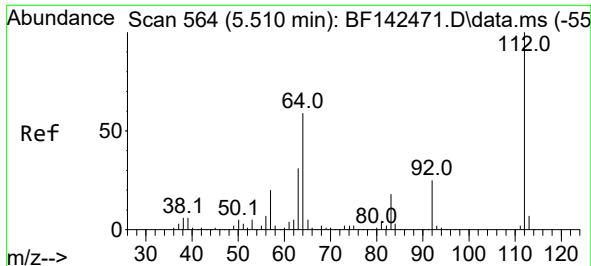
Tgt Ion: 79 Resp: 307075
 Ion Ratio Lower Upper
 79 100
 52 84.4 69.2 103.8
 51 40.5 33.3 49.9



#4
 n-Nitrosodimethylamine
 Concen: 39.815 ng
 RT: 3.446 min Scan# 213
 Delta R.T. 0.041 min
 Lab File: BF142680.D
 Acq: 07 Jun 2025 09:29

Tgt Ion: 42 Resp: 165861
 Ion Ratio Lower Upper
 42 100
 74 121.7 88.2 132.4
 44 7.2 5.4 8.2

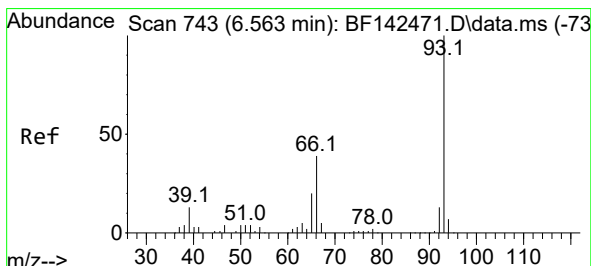
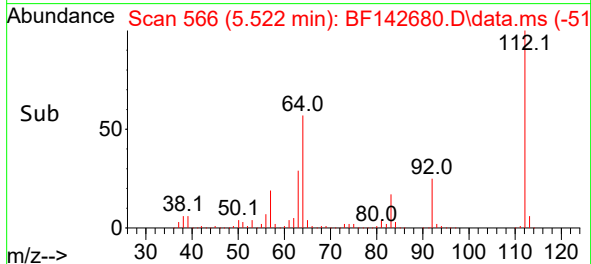
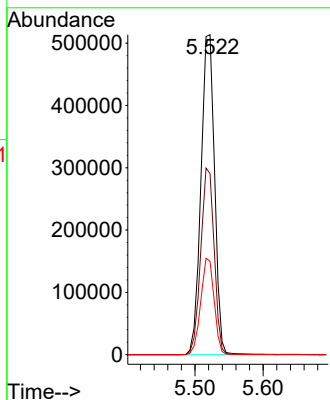
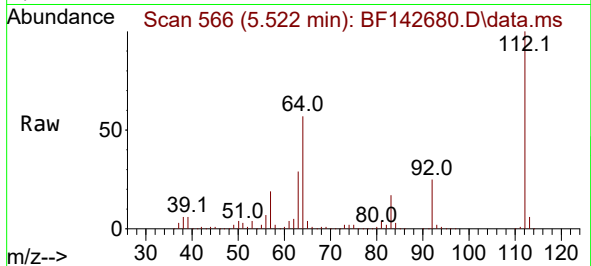




#5
2-Fluorophenol
Concen: 90.872 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

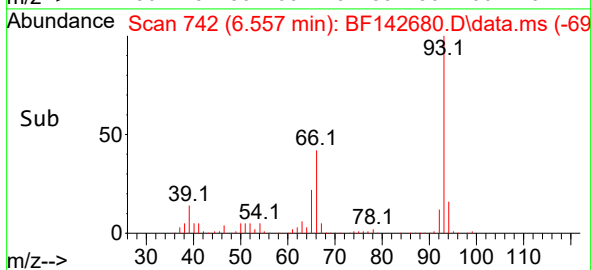
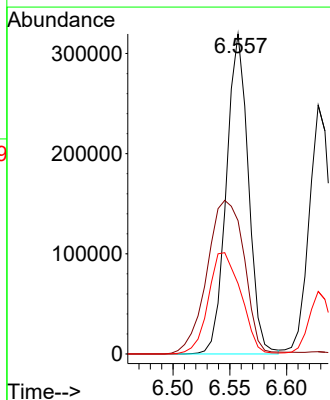
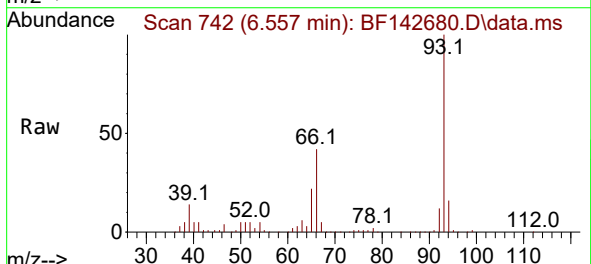
Instrument :
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TP03-MHCM5D

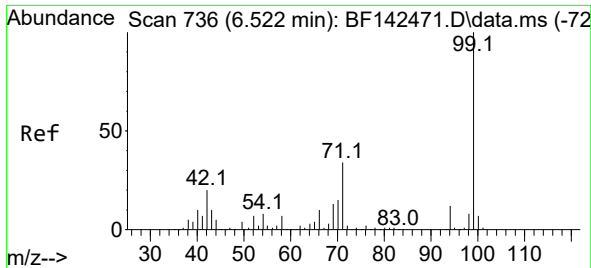
Tgt Ion:112 Resp: 715465
Ion Ratio Lower Upper
112 100
64 56.6 47.5 71.3
63 29.2 24.9 37.3



#6
Aniline
Concen: 33.695 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion: 93 Resp: 429393
Ion Ratio Lower Upper
93 100
66 41.6 32.0 48.0
65 22.0 16.1 24.1





#7

Phenol-d6

Concen: 93.021 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMDS

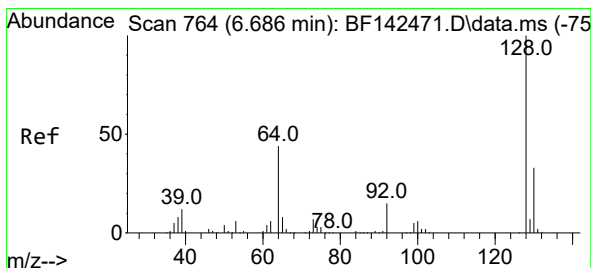
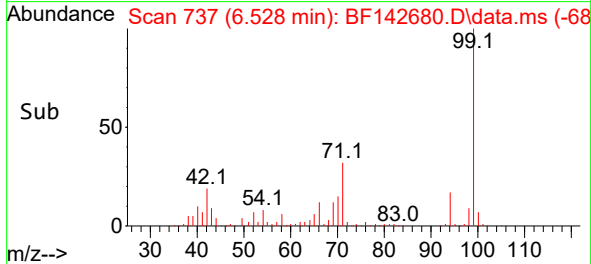
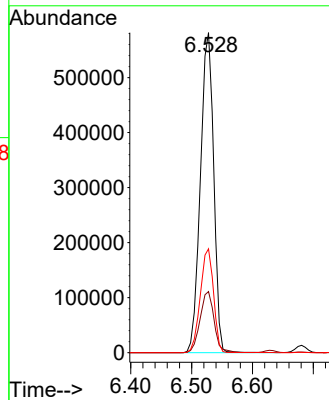
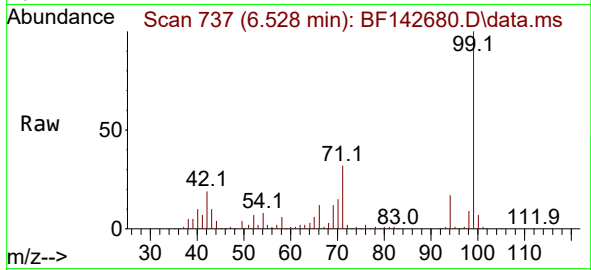
Tgt Ion: 99 Resp: 881616

Ion Ratio Lower Upper

99 100

42 19.1 16.2 24.2

71 32.5 27.3 40.9



#8

2-Chlorophenol

Concen: 40.854 ng

RT: 6.681 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

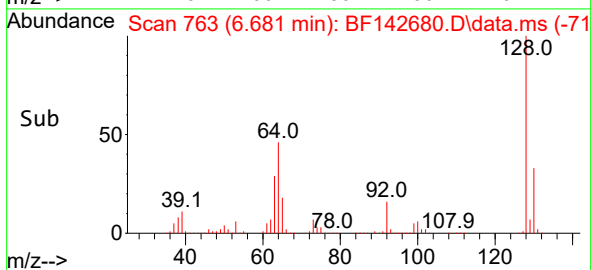
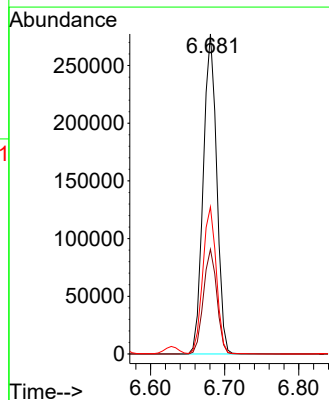
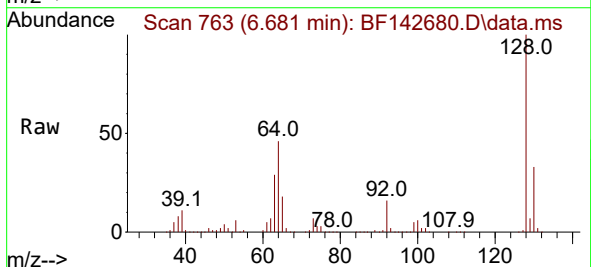
Tgt Ion:128 Resp: 350358

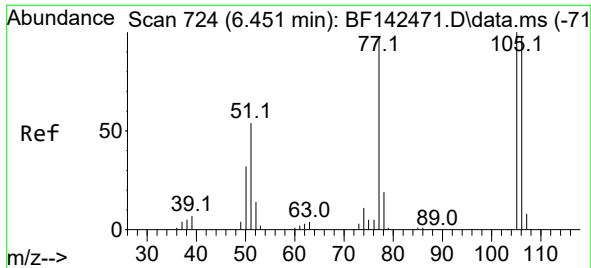
Ion Ratio Lower Upper

128 100

130 32.7 12.6 52.6

64 45.9 25.1 65.1

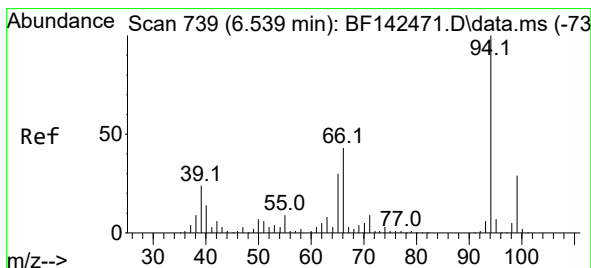
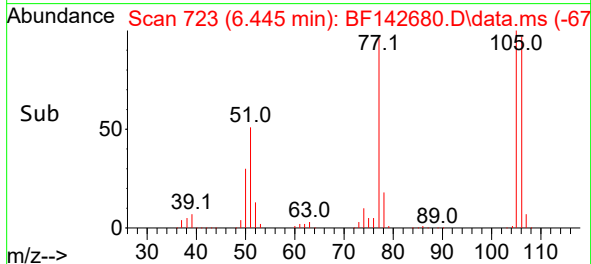
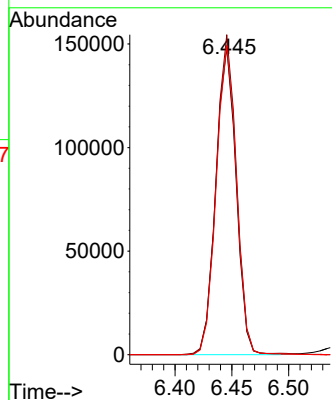
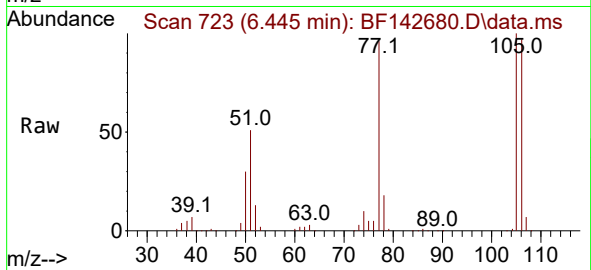




#9
Benzaldehyde
Concen: 32.309 ng
RT: 6.445 min Scan# 724
Delta R.T. -0.006 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

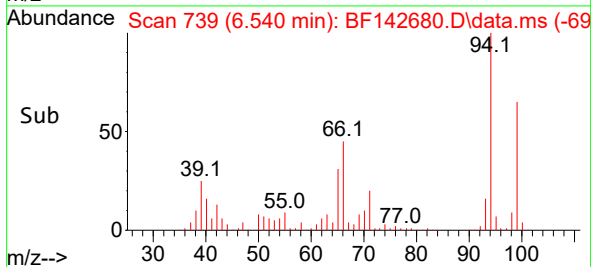
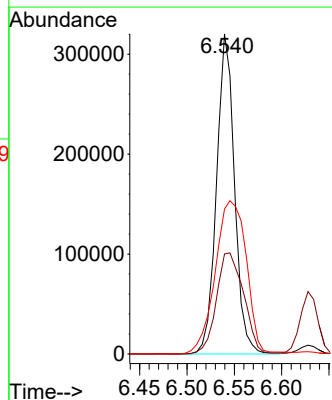
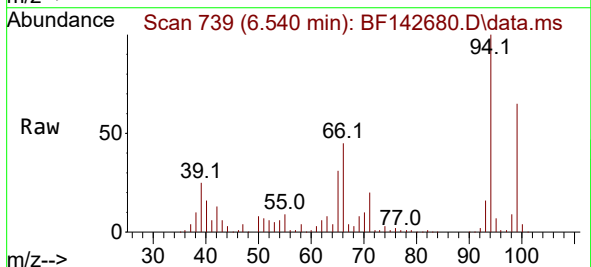
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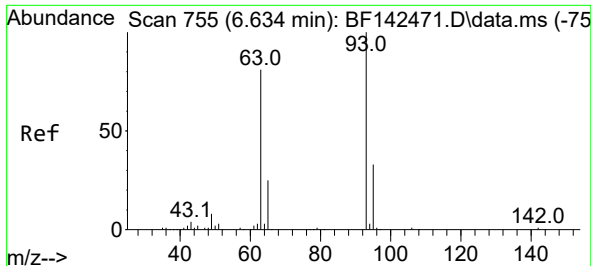
Tgt Ion: 77 Resp: 184175
Ion Ratio Lower Upper
77 100
105 104.1 82.5 122.5
106 100.6 80.0 120.0



#10
Phenol
Concen: 39.808 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion: 94 Resp: 424529
Ion Ratio Lower Upper
94 100
65 31.2 10.3 50.3
66 45.3 22.6 62.6





#11

bis(2-Chloroethyl)ether

Concen: 41.801 ng

RT: 6.628 min Scan# 755

Delta R.T. -0.012 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMSD

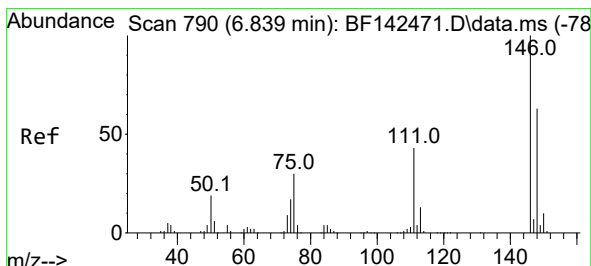
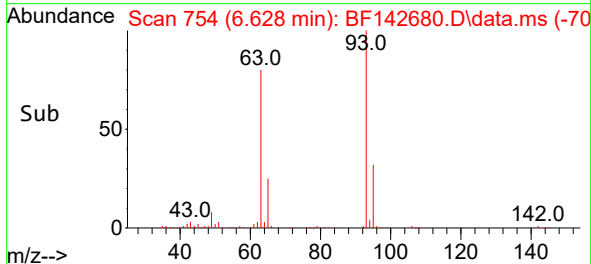
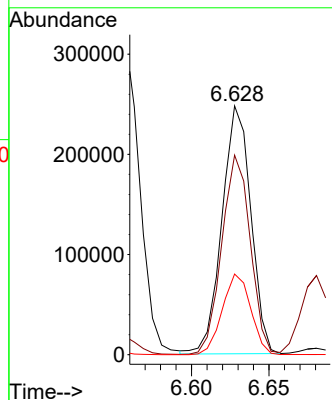
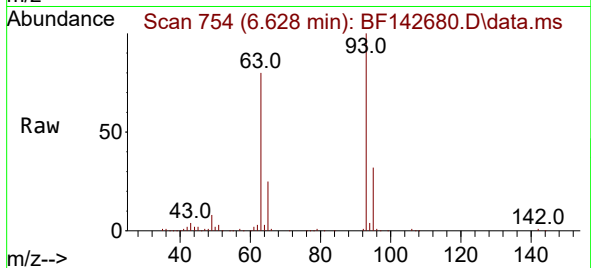
Tgt Ion: 93 Resp: 320891

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: 39.638 ng

RT: 6.840 min Scan# 790

Delta R.T. -0.006 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

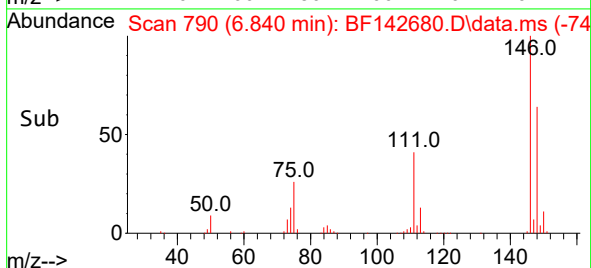
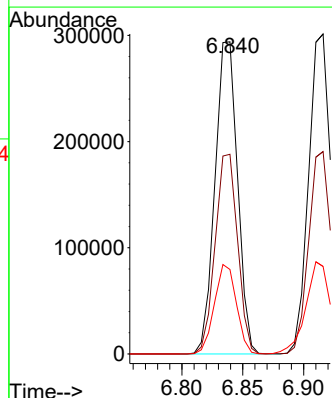
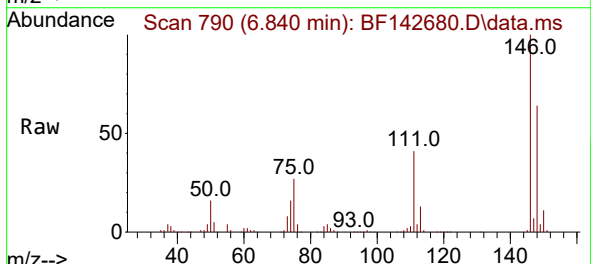
Tgt Ion: 146 Resp: 379311

Ion Ratio Lower Upper

146 100

148 64.0 50.6 75.8

75 27.0 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 39.777 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMDS

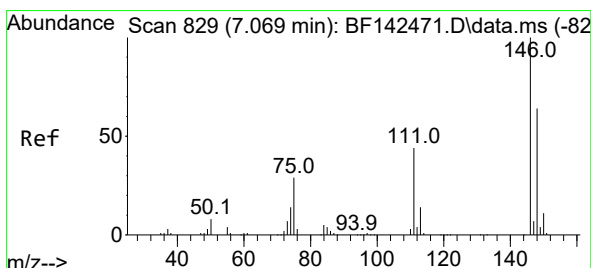
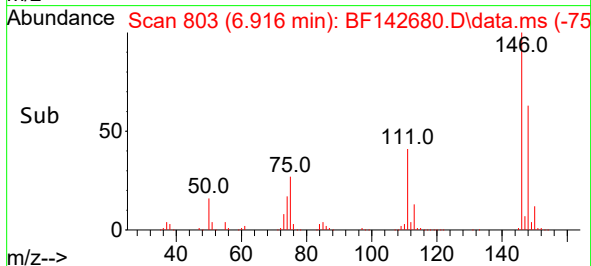
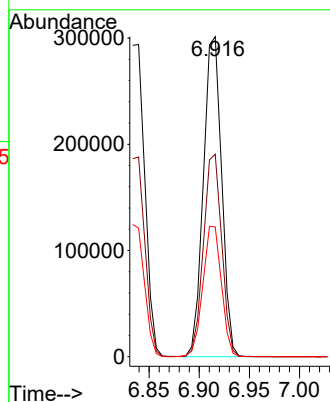
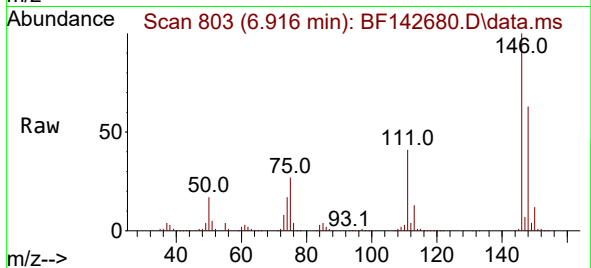
Tgt Ion:146 Resp: 383426

Ion Ratio Lower Upper

146 100

148 63.3 50.4 75.6

111 40.5 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 39.897 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.012 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

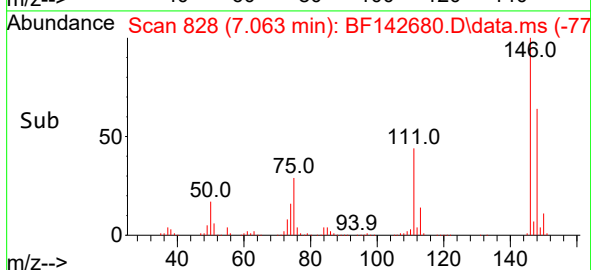
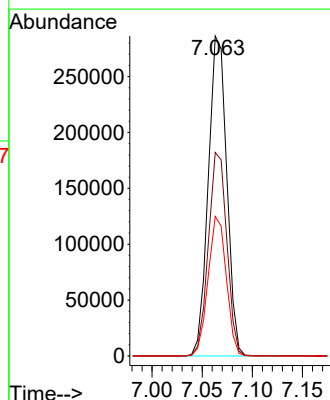
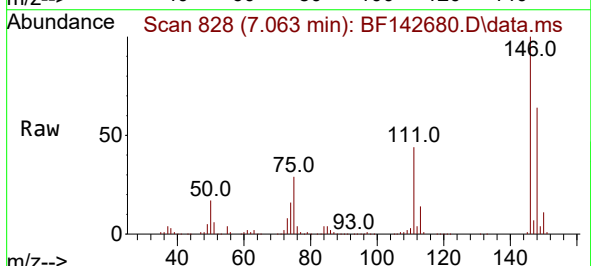
Tgt Ion:146 Resp: 367989

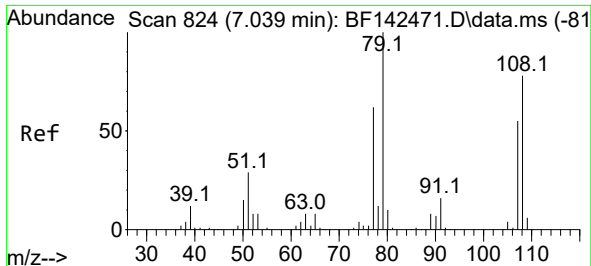
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.4

111 43.6 35.0 52.6

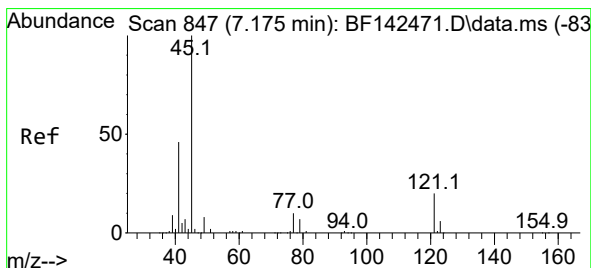
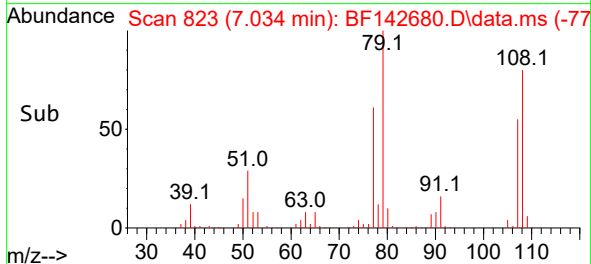
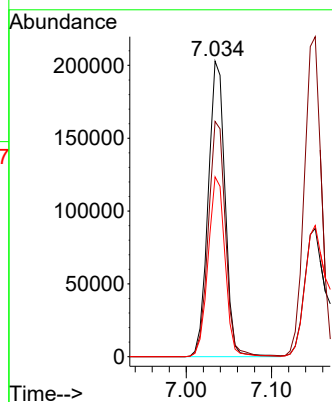
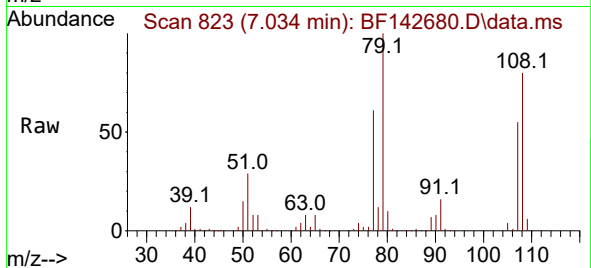




#15
Benzyl Alcohol
Concen: 39.880 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

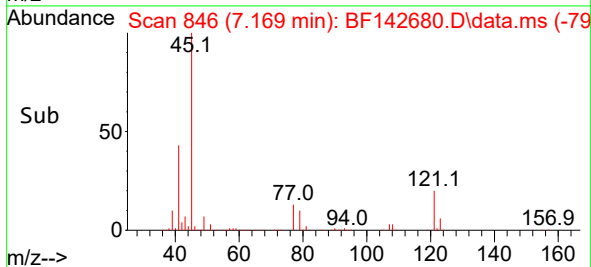
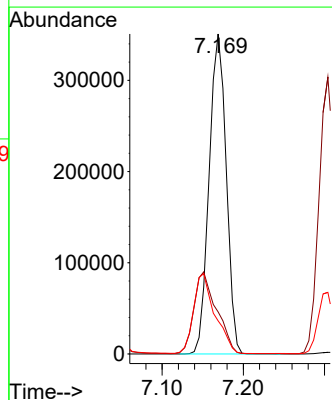
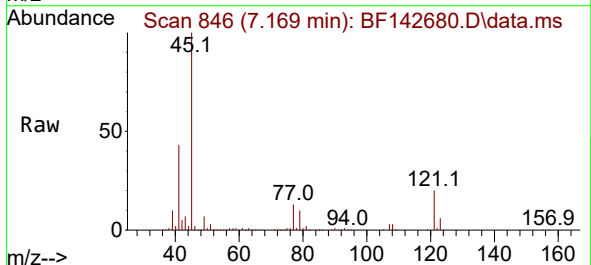
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMDS

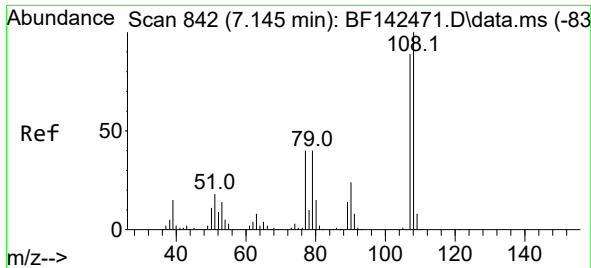
Tgt Ion: 79 Resp: 279319
Ion Ratio Lower Upper
79 100
108 79.6 62.1 93.1
77 60.8 49.5 74.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.841 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion: 45 Resp: 513619
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.0
79 10.3 0.0 29.2



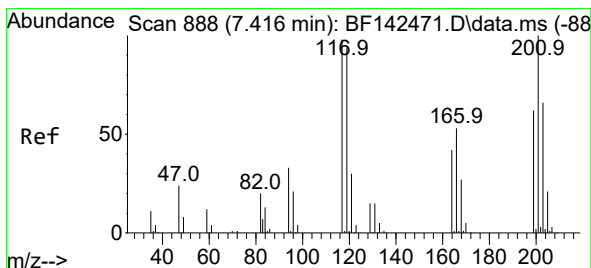
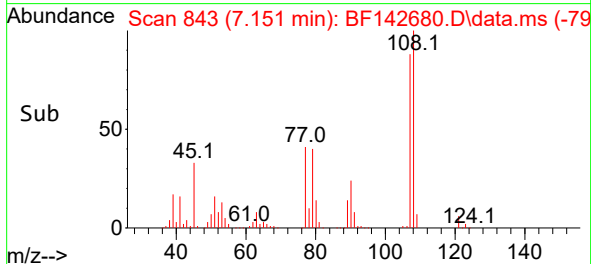
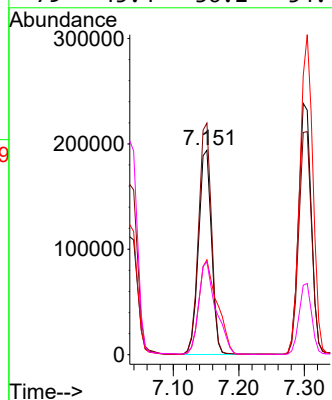
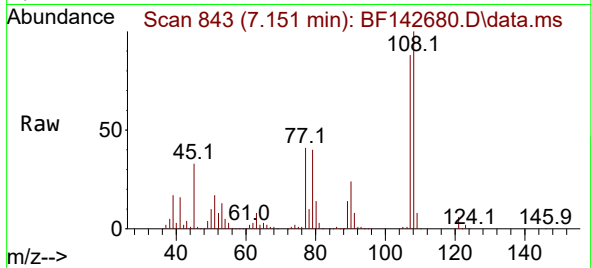


#17
2-Methylphenol
Concen: 40.000 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Instrument :
BNA_F
ClientSampleId :
TP03-MHCMDS

Tgt Ion:107 Resp: 267823

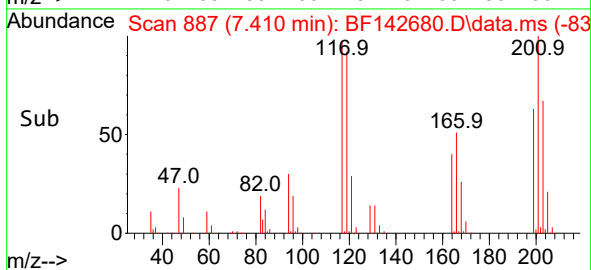
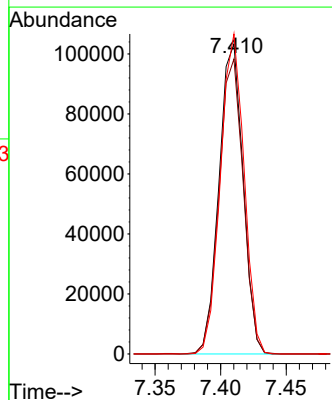
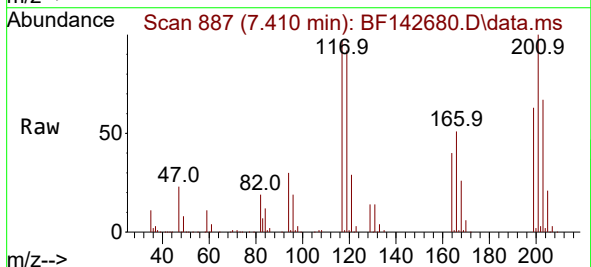
Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.2	135.2
77	46.4	36.1	54.1
79	45.4	36.2	54.4



#18
Hexachloroethane
Concen: 39.161 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion:117 Resp: 131810

Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.6	114.8
201	103.2	81.3	121.9



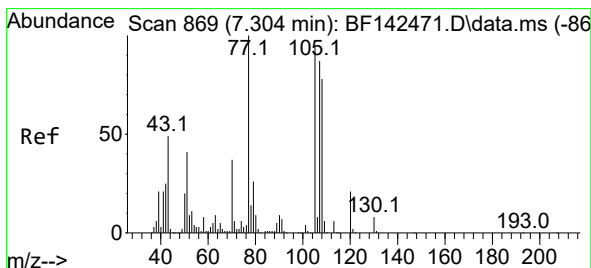
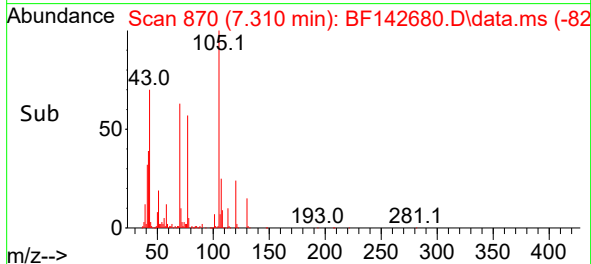
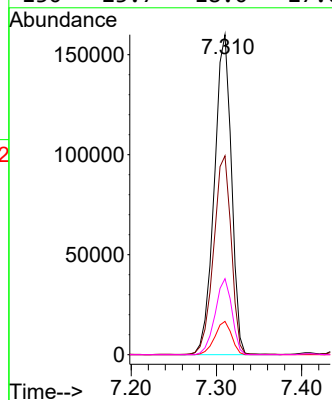
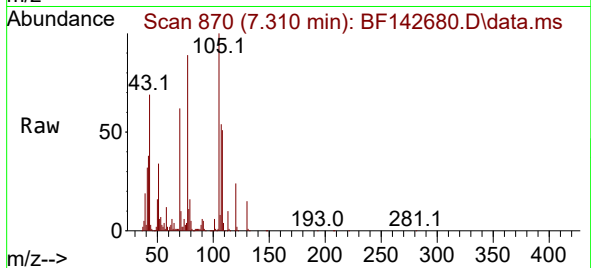


#19
n-Nitroso-di-n-propylamine
Concen: 38.082 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Instrument :
BNA_F
ClientSampleId :
TP03-MHCMSD

Tgt Ion: 70 Resp: 223689

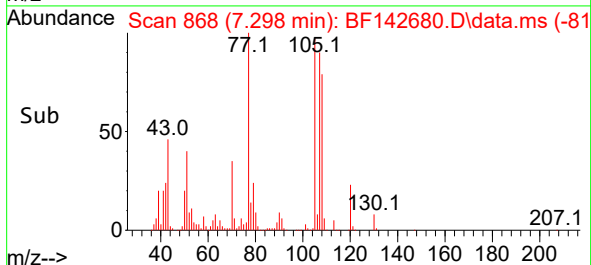
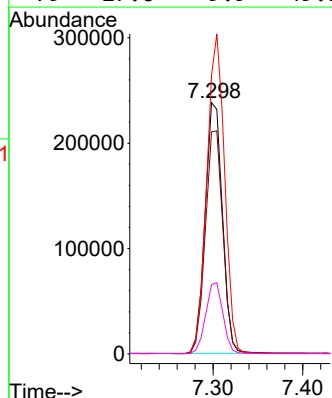
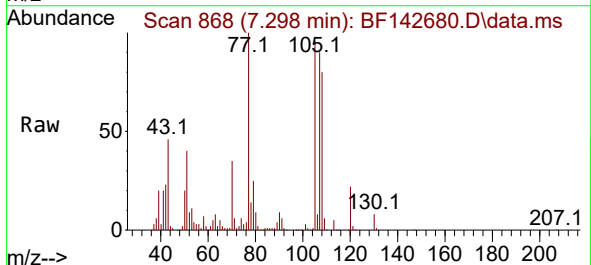
Ion	Ratio	Lower	Upper
70	100		
42	62.2	52.4	78.6
101	10.4	7.8	11.8
130	23.7	18.0	27.0

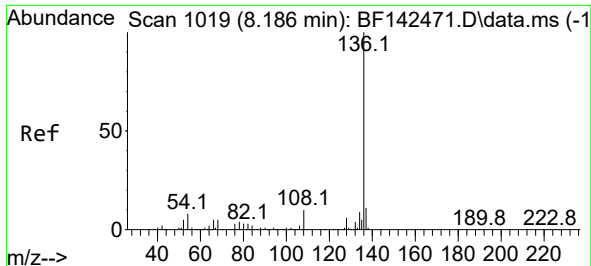


#20
3+4-Methylphenols
Concen: 37.280 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion: 107 Resp: 319641

Ion	Ratio	Lower	Upper
107	100		
108	88.4	70.4	110.4
77	111.0	95.4	135.4
79	27.6	9.9	49.9

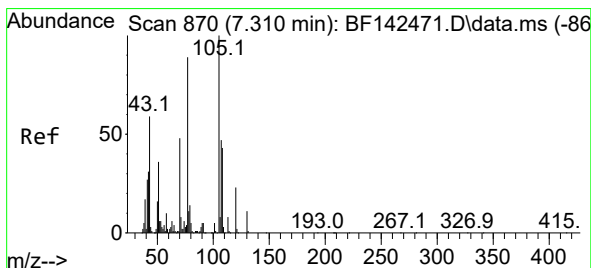
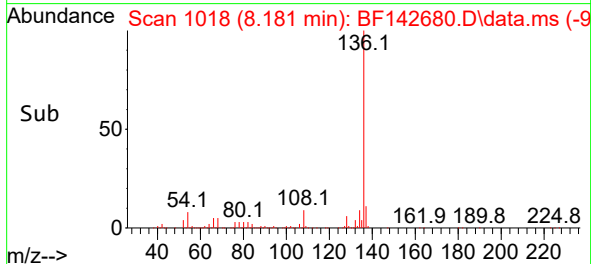
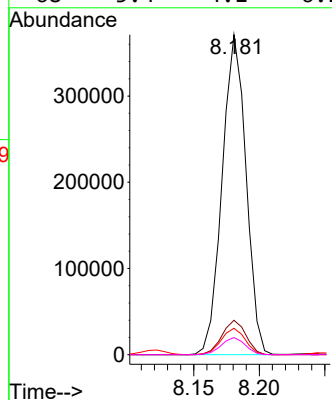
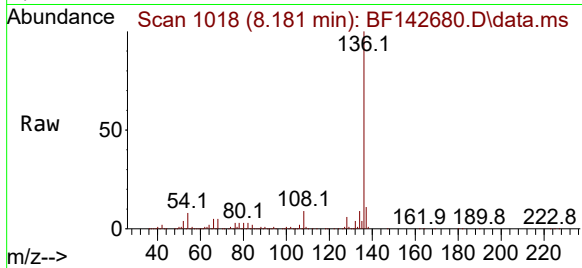




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

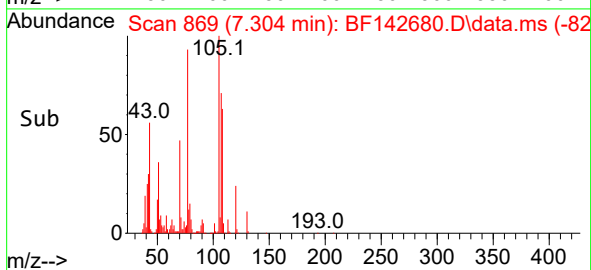
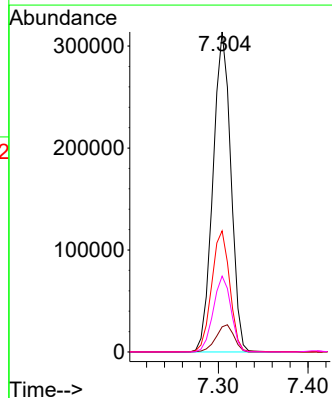
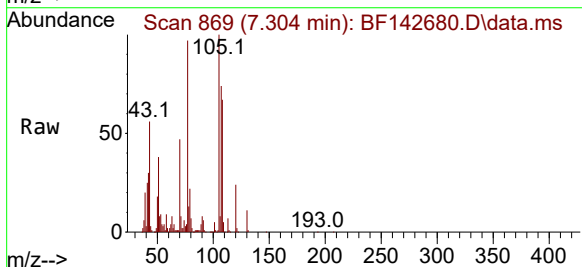
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMSD

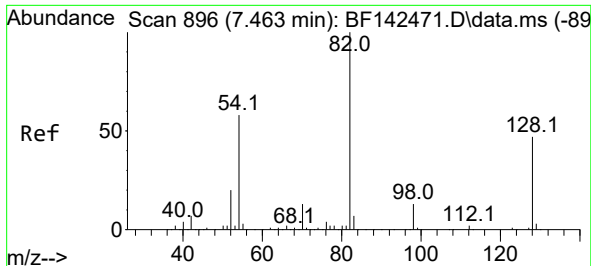
Tgt Ion:136 Resp: 469877
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.3 6.6 10.0
68 5.4 4.1 6.1



#22
Acetophenone
Concen: 41.803 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion:105 Resp: 434818
Ion Ratio Lower Upper
105 100
71 7.9 6.4 9.6
51 37.9 28.6 42.8
120 23.7 18.5 27.7





#23

Nitrobenzene-d5

Concen: 59.705 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

Instrument :

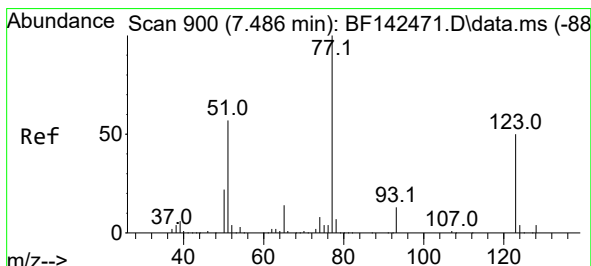
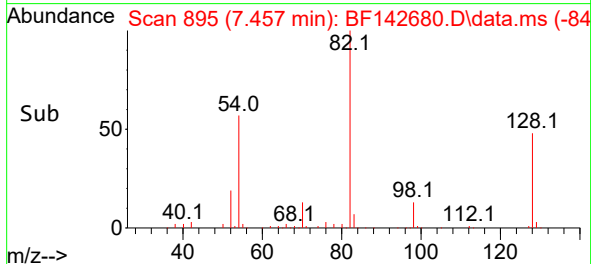
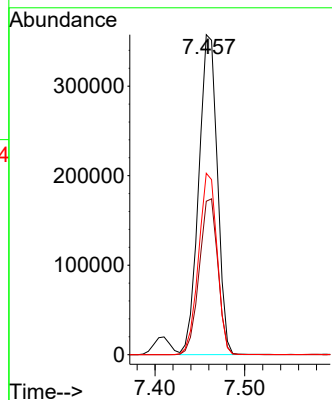
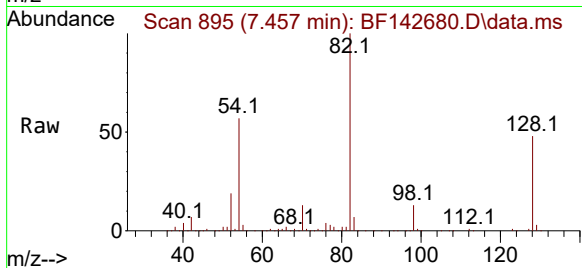
BNA_F

ClientSampleId :

TP03-MHCMMSD

Tgt Ion: 82 Resp: 514484

Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.4	56.2
54	56.7	46.6	70.0



#24

Nitrobenzene

Concen: 42.118 ng

RT: 7.481 min Scan# 899

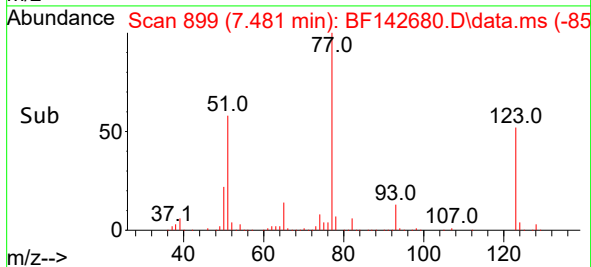
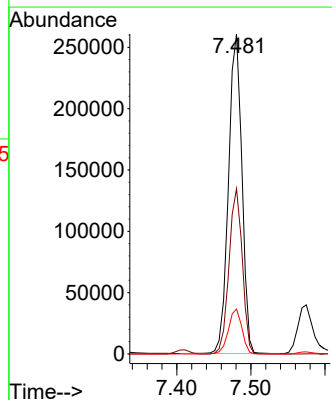
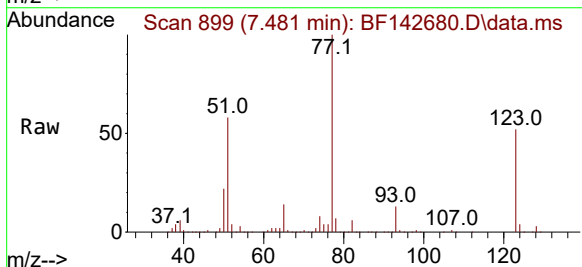
Delta R.T. -0.012 min

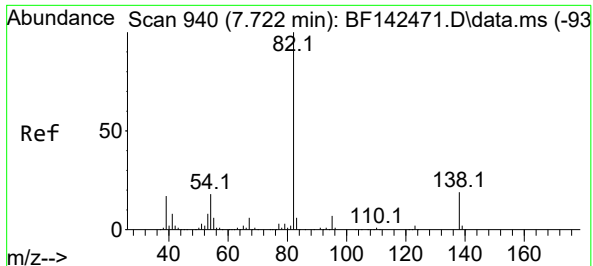
Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

Tgt Ion: 77 Resp: 327330

Ion	Ratio	Lower	Upper
77	100		
123	51.6	40.6	61.0
65	14.1	11.4	17.2

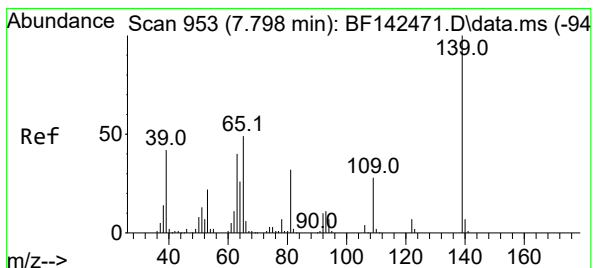
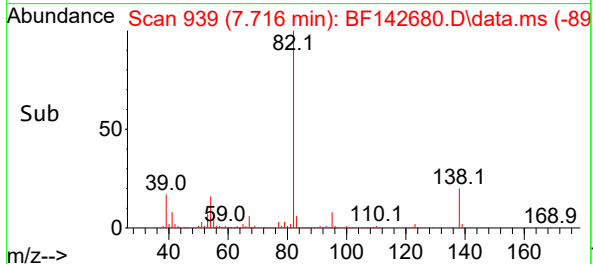
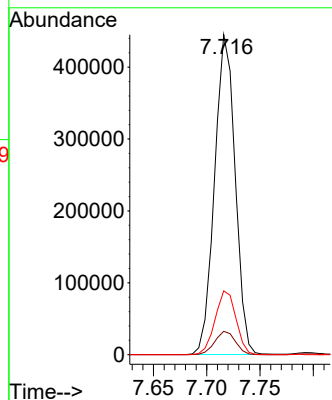
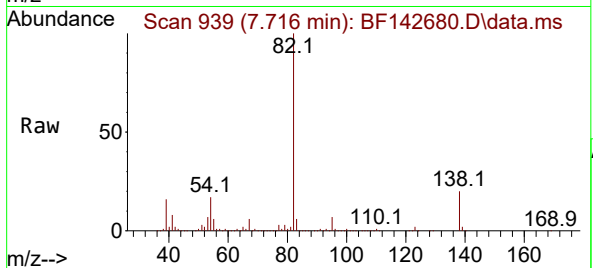




#25
Isophorone
Concen: 41.494 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

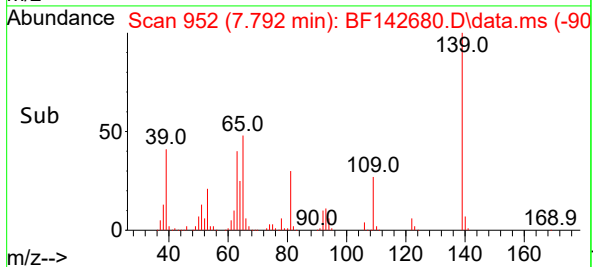
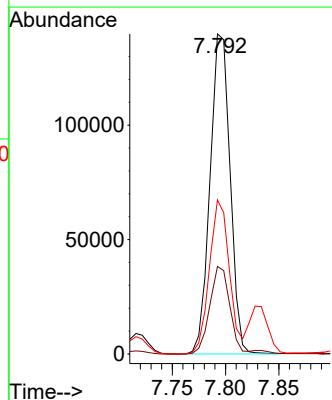
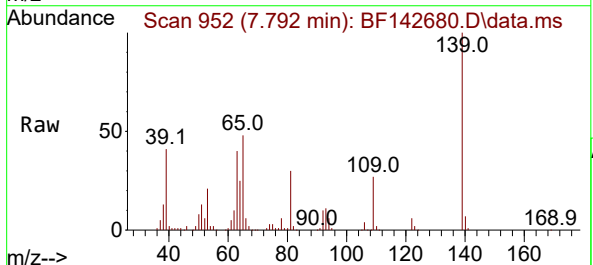
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMSD

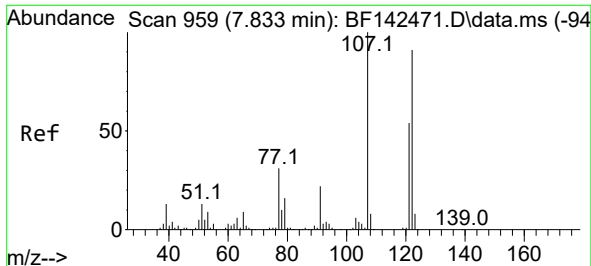
Tgt Ion: 82 Resp: 597807
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 20.0 15.5 23.3



#26
2-Nitrophenol
Concen: 44.143 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion:139 Resp: 183315
Ion Ratio Lower Upper
139 100
109 27.3 22.6 33.8
65 48.2 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 42.356 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142680.D

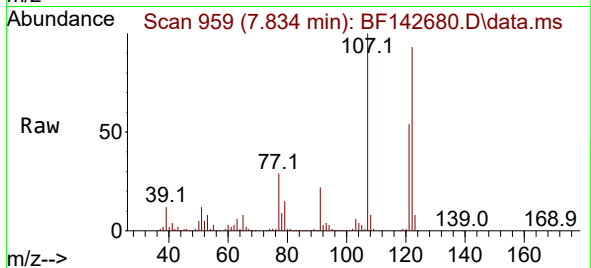
Acq: 07 Jun 2025 09:29

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMDS



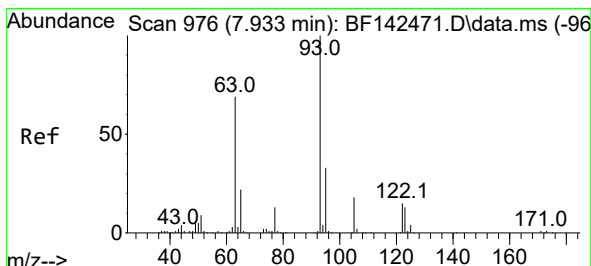
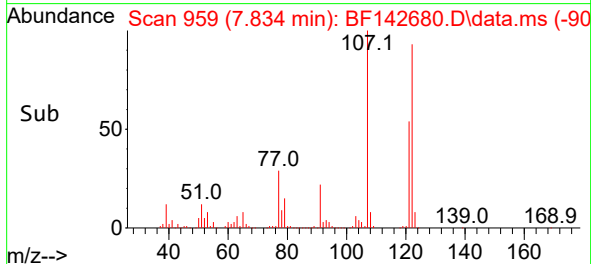
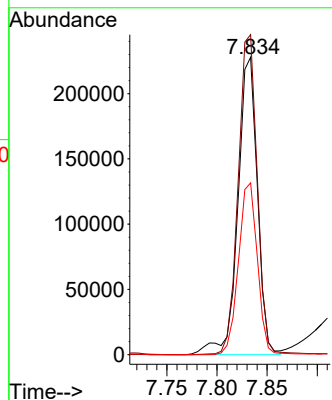
Tgt Ion:122 Resp: 310193

Ion Ratio Lower Upper

122 100

107 107.6 88.1 132.1

121 57.8 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 42.692 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

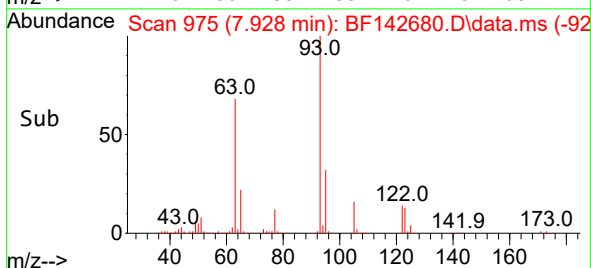
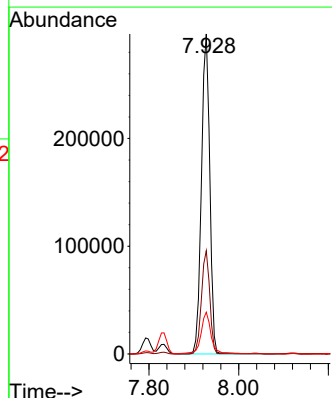
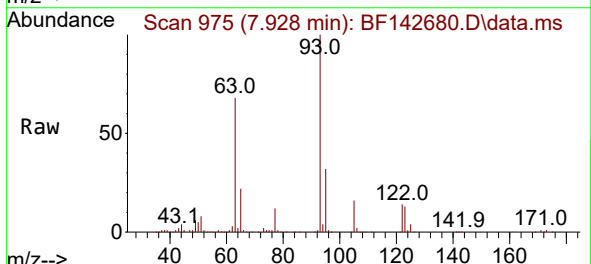
Tgt Ion: 93 Resp: 384218

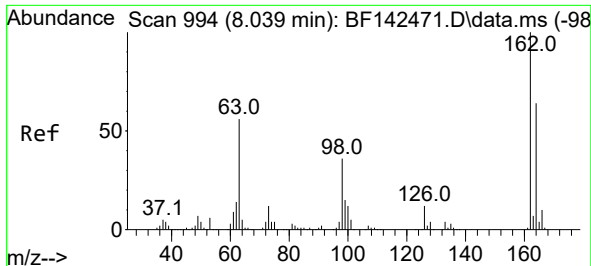
Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

123 13.0 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 40.779 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142680.D

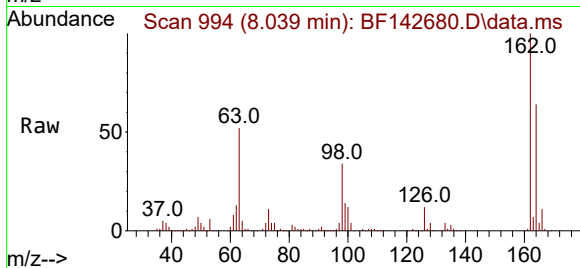
Acq: 07 Jun 2025 09:29

Instrument :

BNA_F

ClientSampleId :

TP03-MHCM5D



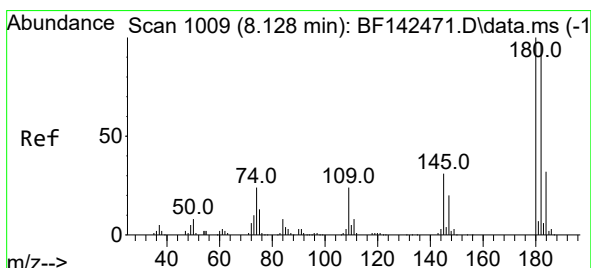
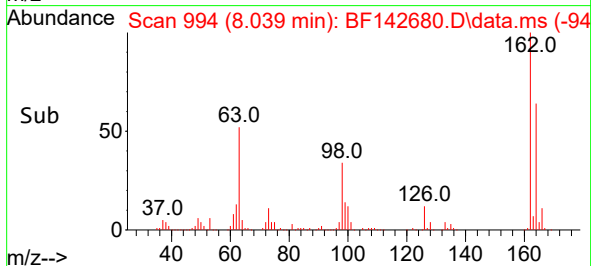
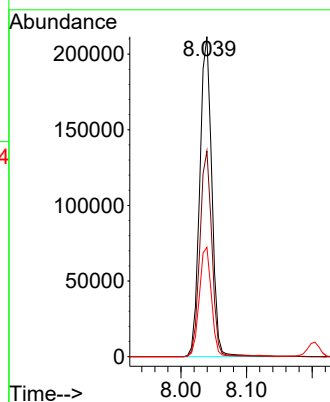
Tgt Ion:162 Resp: 271591

Ion Ratio Lower Upper

162 100

164 64.2 43.7 83.7

98 34.2 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 41.142 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

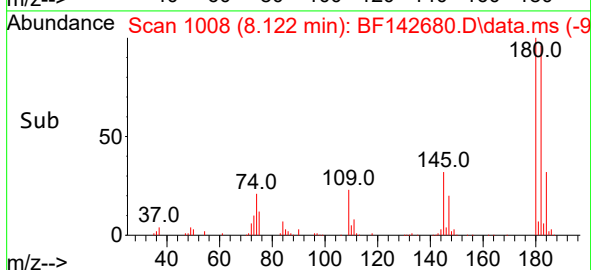
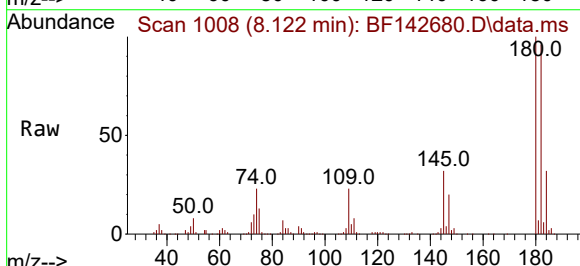
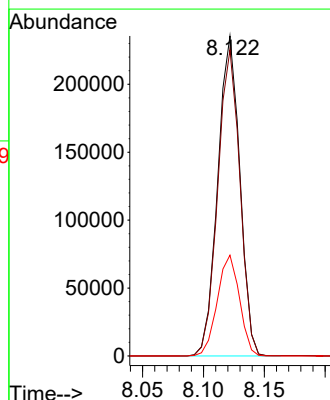
Tgt Ion:180 Resp: 297375

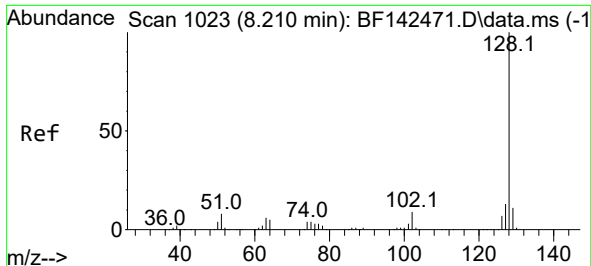
Ion Ratio Lower Upper

180 100

182 95.7 78.0 117.0

145 31.5 25.0 37.6

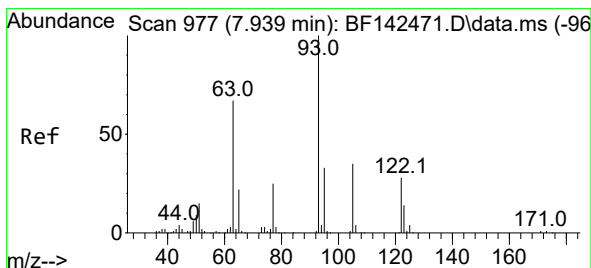
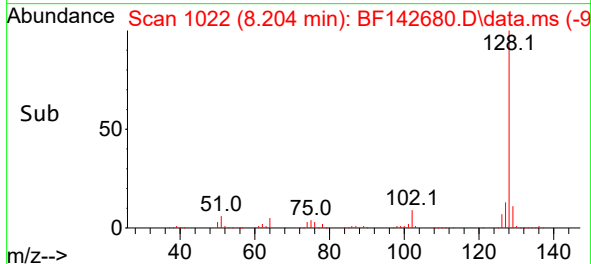
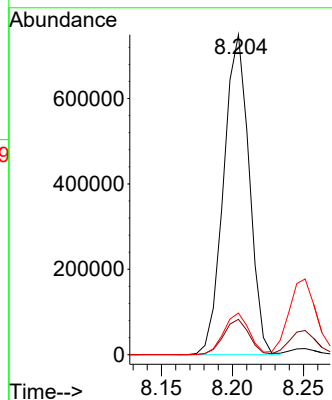
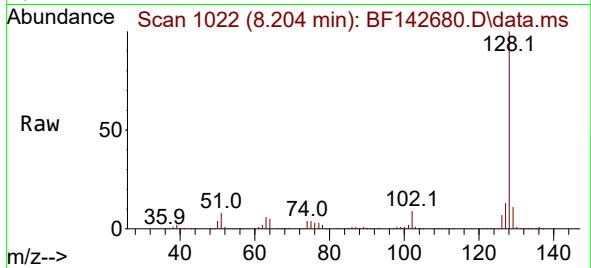




#31
Naphthalene
Concen: 40.451 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

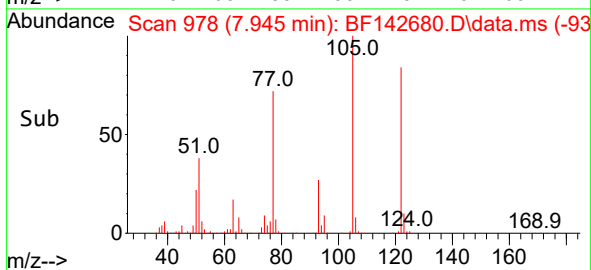
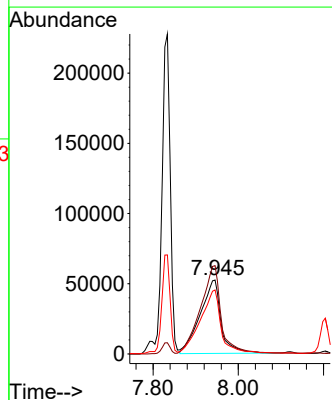
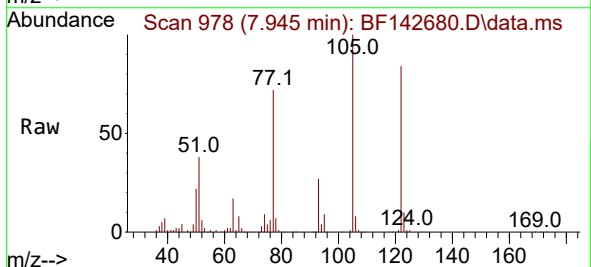
Instrument :
BNA_F
ClientSampleId :
TP03-MHCM5D

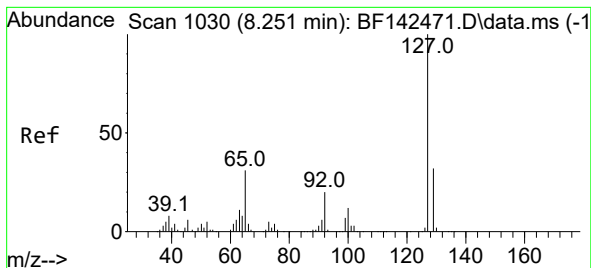
Tgt Ion:128 Resp: 935902
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 40.095 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.030 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion:122 Resp: 178742
Ion Ratio Lower Upper
122 100
105 119.6 101.7 141.7
77 86.5 69.5 109.5





#33

4-Chloroaniline

Concen: 26.952 ng

RT: 8.251 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMDS

Tgt Ion:127 Resp: 252675

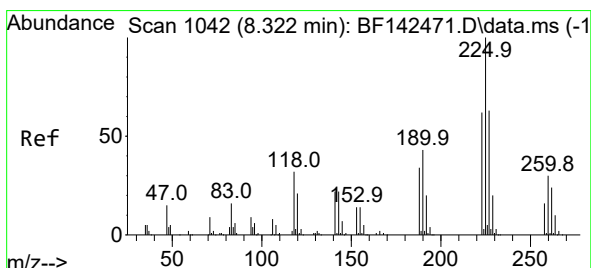
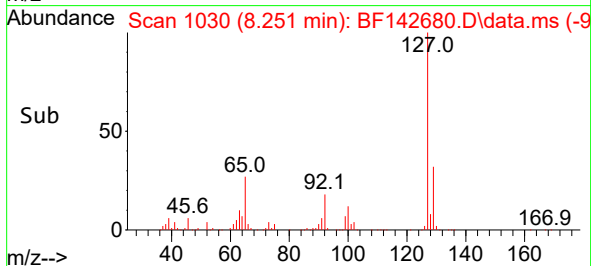
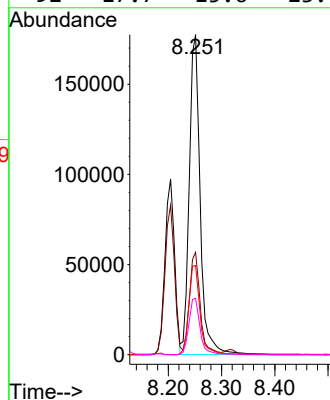
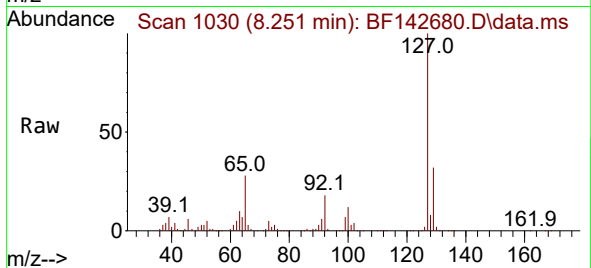
Ion Ratio Lower Upper

127 100

129 32.0 26.1 39.1

65 27.9 24.9 37.3

92 17.7 15.6 23.4



#34

Hexachlorobutadiene

Concen: 40.650 ng

RT: 8.316 min Scan# 1041

Delta R.T. -0.012 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

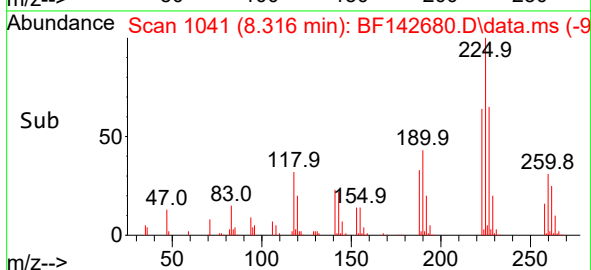
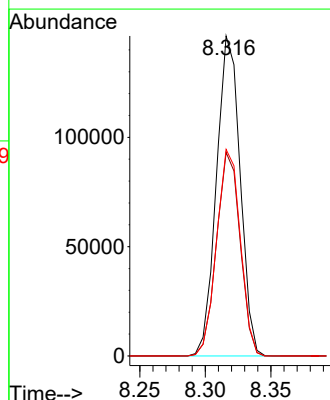
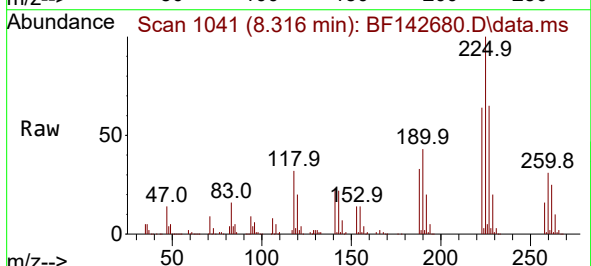
Tgt Ion:225 Resp: 183459

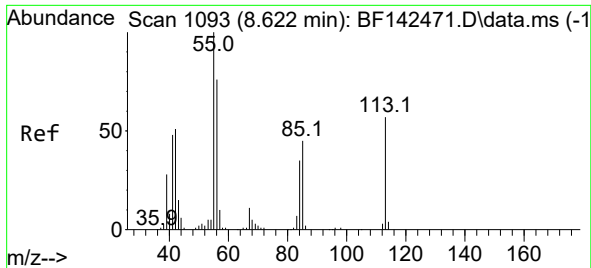
Ion Ratio Lower Upper

225 100

223 63.6 49.7 74.5

227 64.6 50.3 75.5

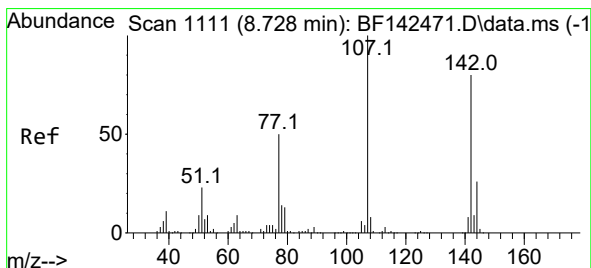
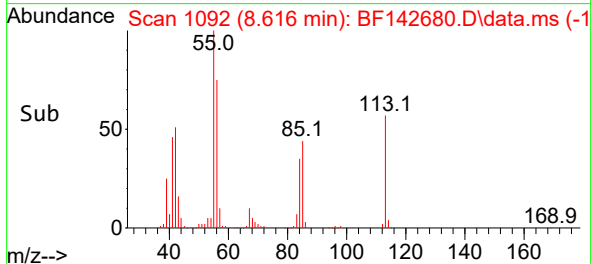
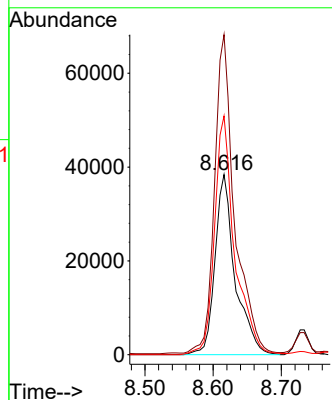
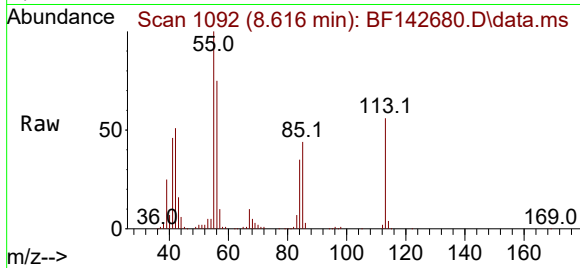




#35
 Caprolactam
 Concen: 42.232 ng
 RT: 8.616 min Scan# 1092
 Delta R.T. -0.029 min
 Lab File: BF142680.D
 Acq: 07 Jun 2025 09:29

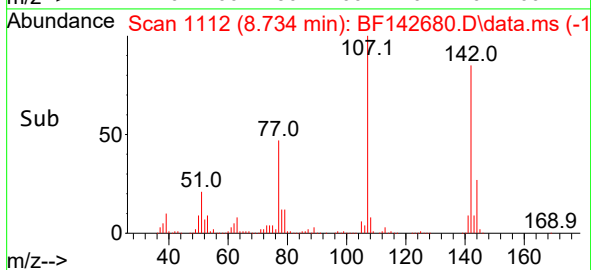
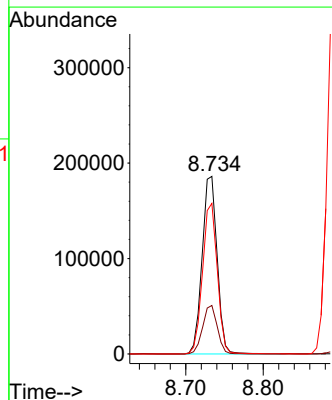
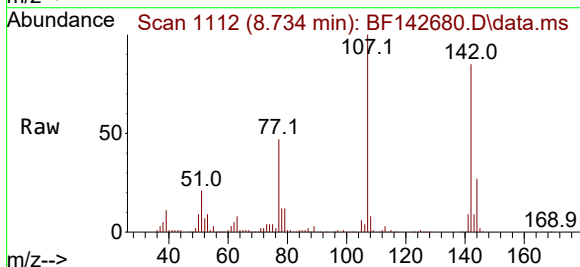
Instrument :
 BNA_F
 ClientSampleId :
 TP03-MHCM5D

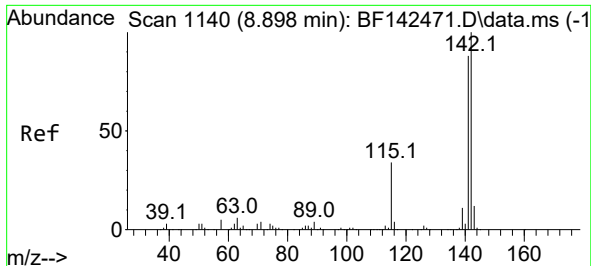
Tgt Ion:113 Resp: 78996
 Ion Ratio Lower Upper
 113 100
 55 177.5 154.7 194.7
 56 132.4 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 36.696 ng
 RT: 8.734 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF142680.D
 Acq: 07 Jun 2025 09:29

Tgt Ion:107 Resp: 250468
 Ion Ratio Lower Upper
 107 100
 144 27.3 20.9 31.3
 142 84.8 64.2 96.2

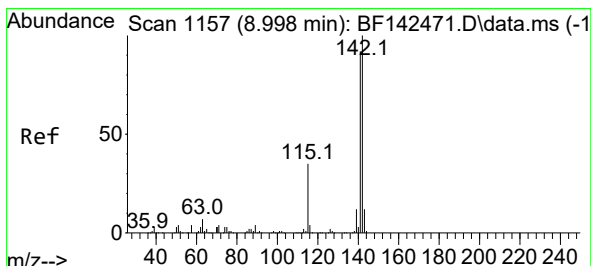
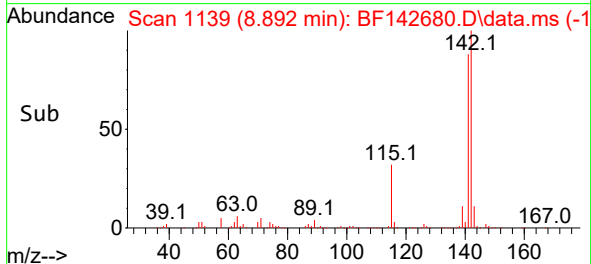
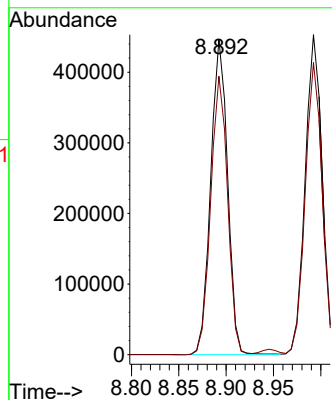
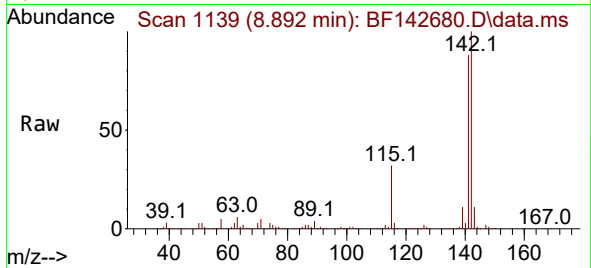




#37
2-Methylnaphthalene
Concen: 38.040 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

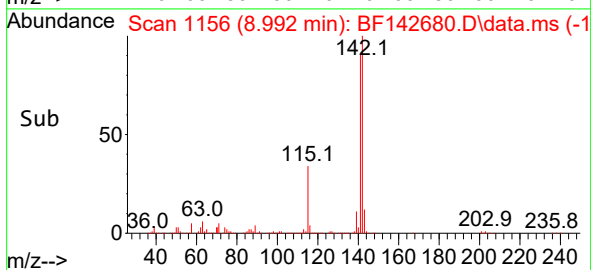
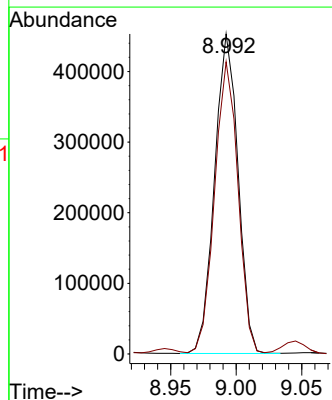
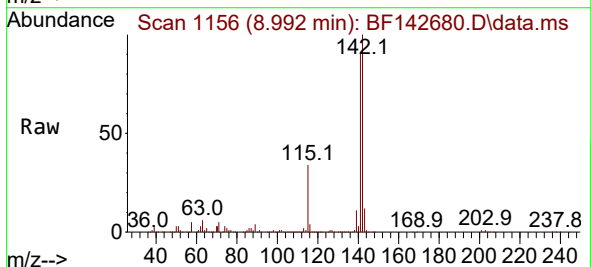
Instrument :
BNA_F
ClientSampleId :
TP03-MHCM5D

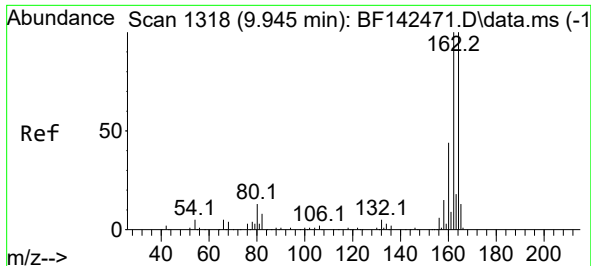
Tgt Ion:142 Resp: 553693
Ion Ratio Lower Upper
142 100
141 88.3 70.7 106.1



#38
1-Methylnaphthalene
Concen: 37.380 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion:142 Resp: 562795
Ion Ratio Lower Upper
142 100
141 91.3 73.4 110.2

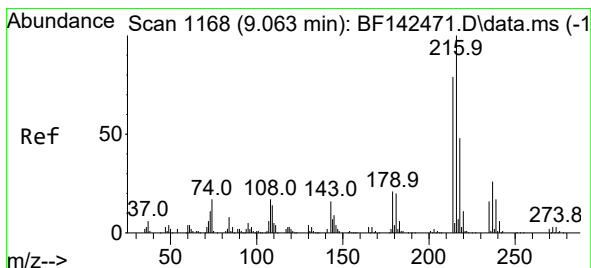
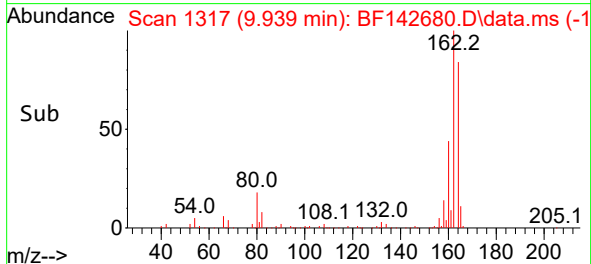
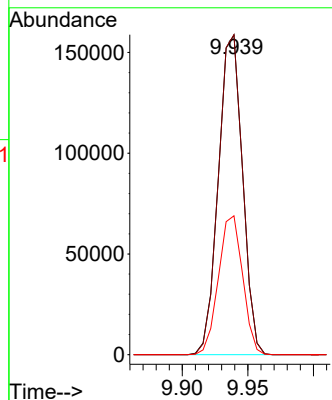
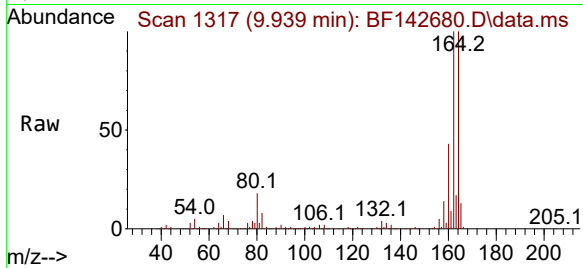




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

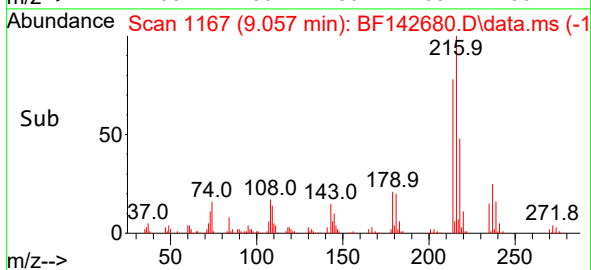
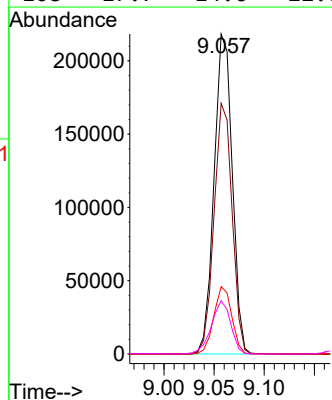
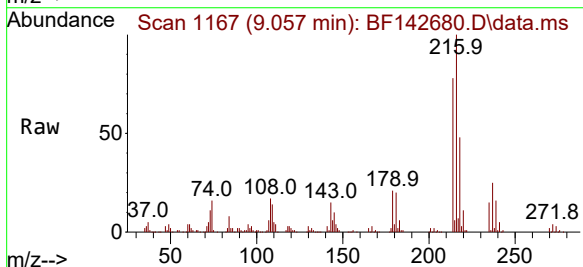
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMDS

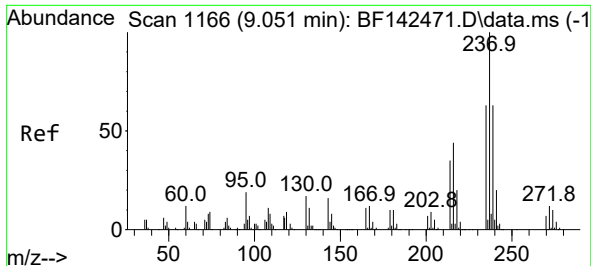
Tgt Ion:164 Resp: 203299
Ion Ratio Lower Upper
164 100
162 100.1 80.2 120.4
160 43.4 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.147 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion:216 Resp: 275141
Ion Ratio Lower Upper
216 100
214 77.9 62.9 94.3
179 20.8 16.9 25.3
108 17.7 14.6 22.0

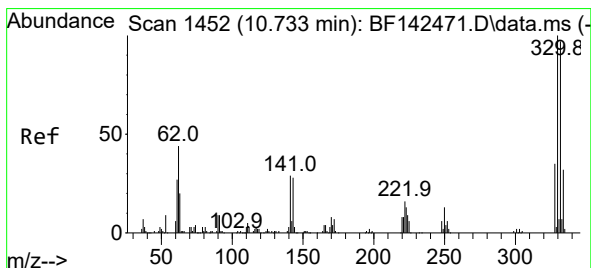
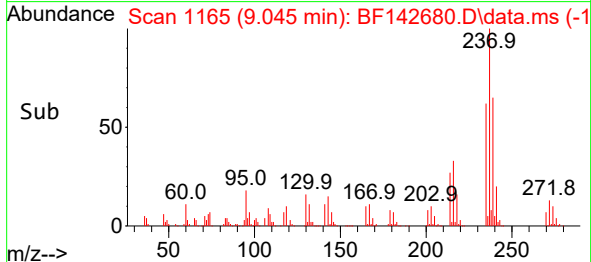
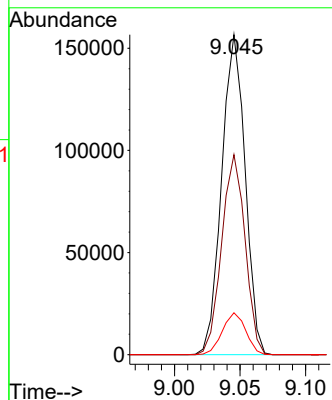
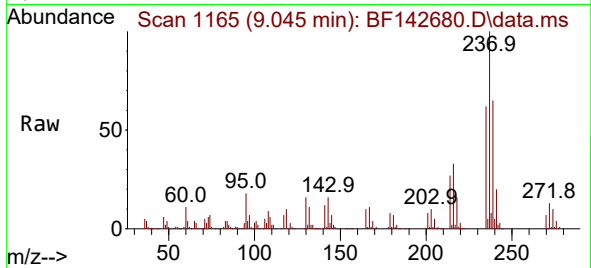




#41
Hexachlorocyclopentadiene
Concen: 49.431 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

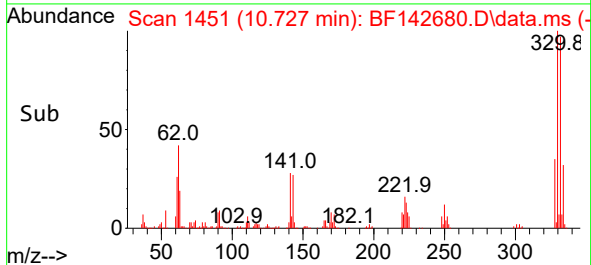
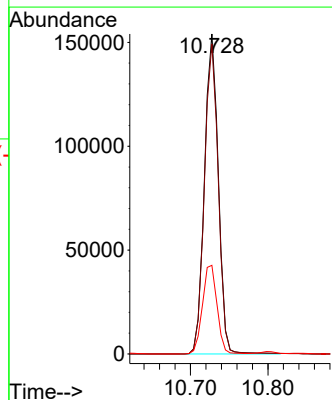
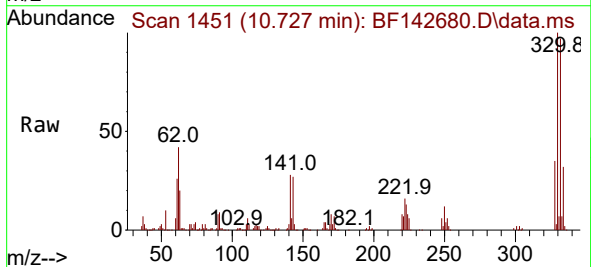
Instrument :
BNA_F
ClientSampleId :
TP03-MHCM5D

Tgt Ion:237 Resp: 194601
Ion Ratio Lower Upper
237 100
235 62.5 43.3 83.3
272 13.1 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 84.685 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion:330 Resp: 191081
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 29.3 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 45.265 ng

RT: 9.169 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMDS

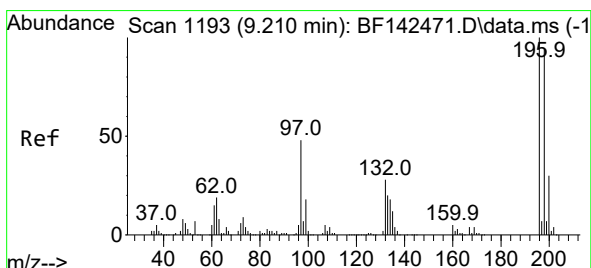
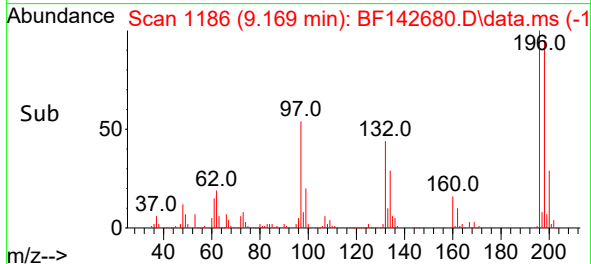
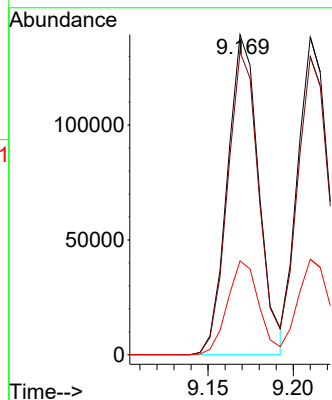
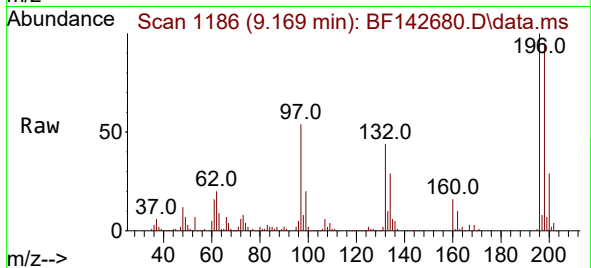
Tgt Ion:196 Resp: 178126

Ion Ratio Lower Upper

196 100

198 94.7 78.8 118.2

200 29.3 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 42.094 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

Tgt Ion:196 Resp: 174699

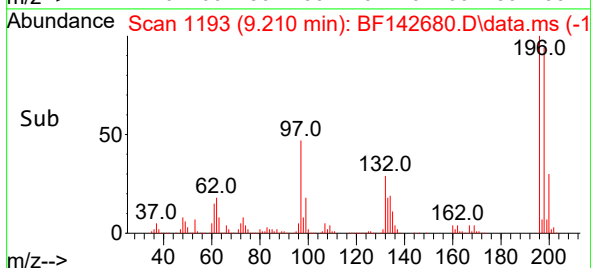
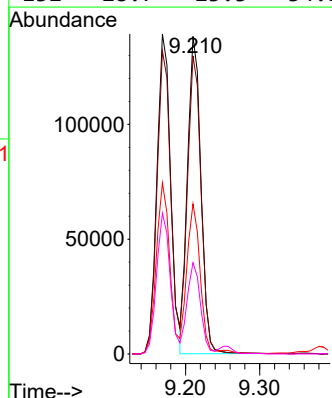
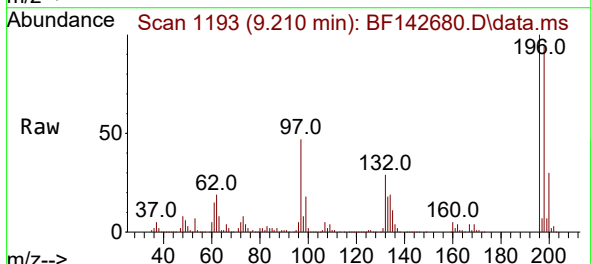
Ion Ratio Lower Upper

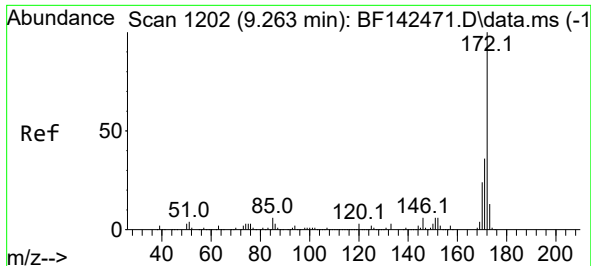
196 100

198 93.8 75.5 113.3

97 47.2 39.3 58.9

132 28.7 23.3 34.9

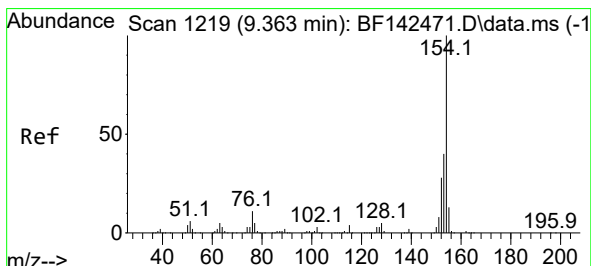
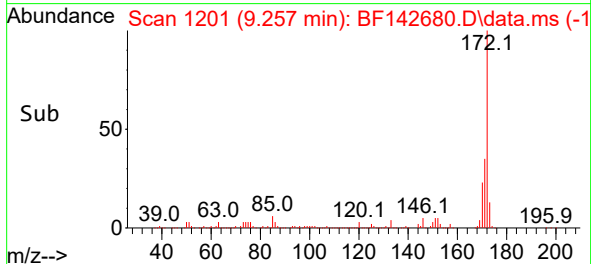
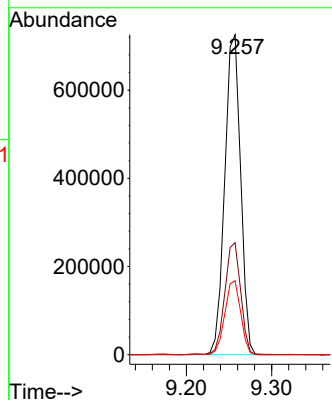
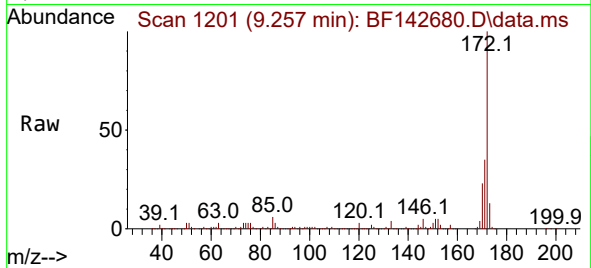




#45
2-Fluorobiphenyl
Concen: 61.989 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

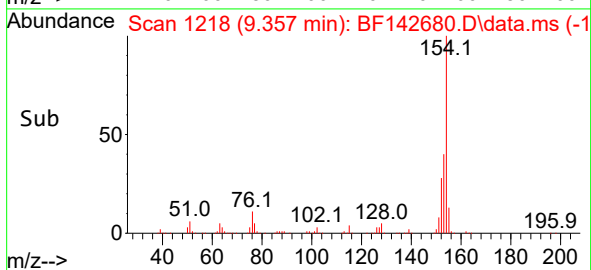
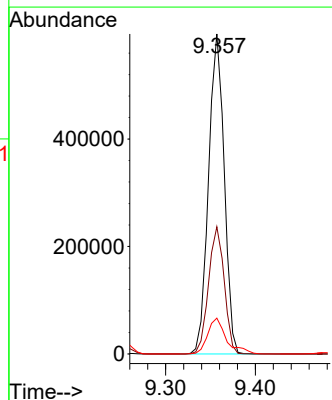
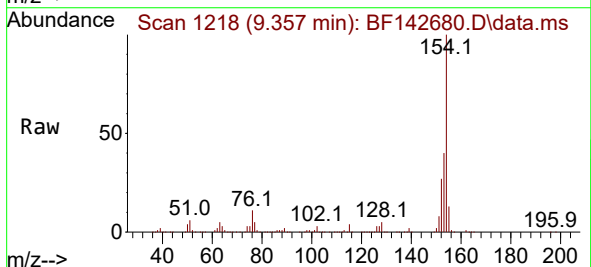
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMMSD

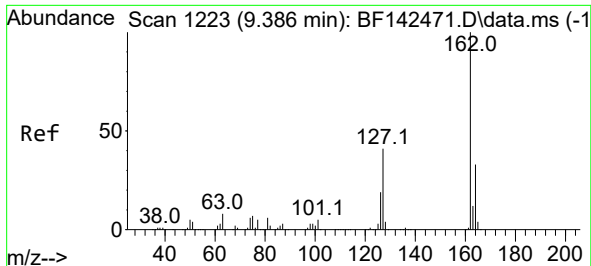
Tgt Ion:172 Resp: 939165
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.1 18.9 28.3



#46
1,1'-Biphenyl
Concen: 45.731 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion:154 Resp: 721285
Ion Ratio Lower Upper
154 100
153 39.8 20.4 60.4
76 11.2 0.0 30.8

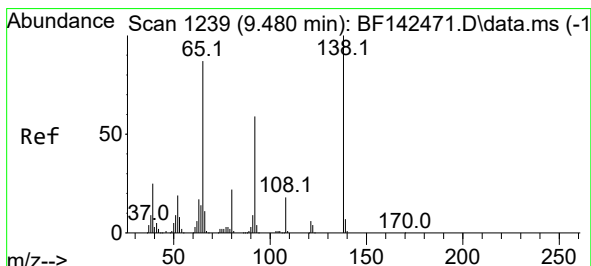
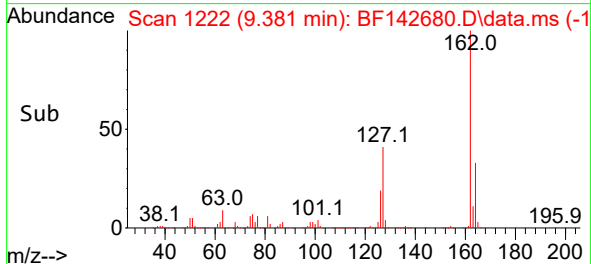
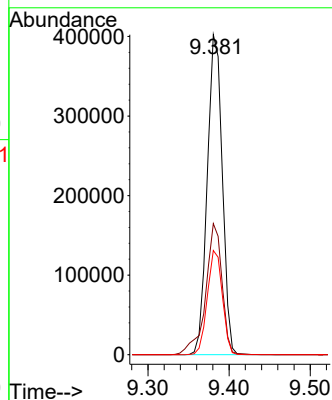
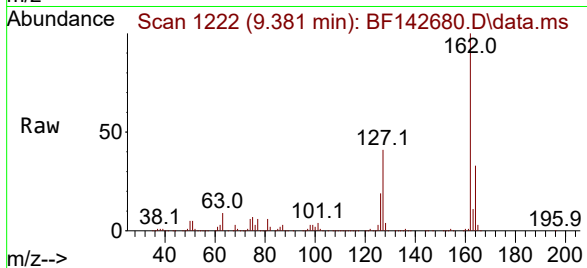




#47
2-Chloronaphthalene
Concen: 44.238 ng
RT: 9.381 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

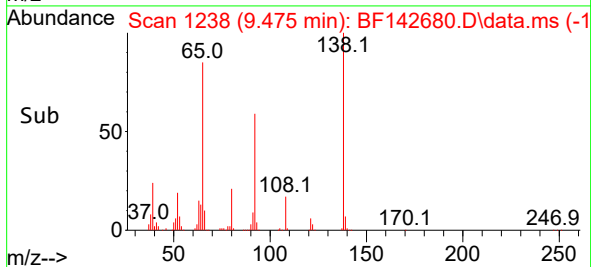
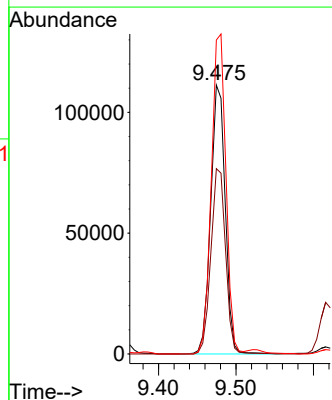
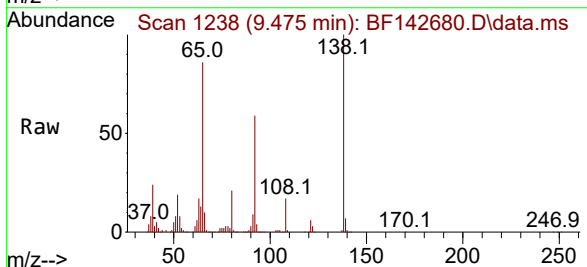
Instrument :
BNA_F
ClientSampleId :
TP03-MHCM5D

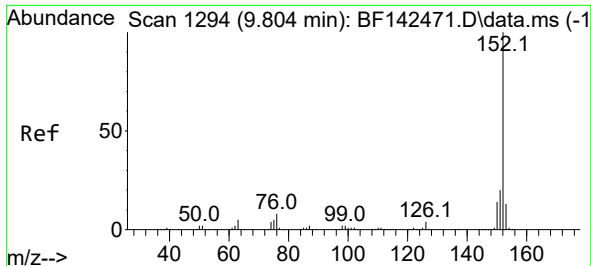
Tgt Ion:162 Resp: 515507
Ion Ratio Lower Upper
162 100
127 40.9 33.5 50.3
164 32.6 26.1 39.1



#48
2-Nitroaniline
Concen: 43.399 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.011 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion: 65 Resp: 146180
Ion Ratio Lower Upper
65 100
92 68.9 54.4 81.6
138 116.7 91.4 137.2

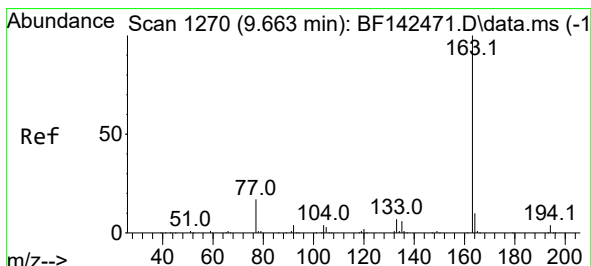
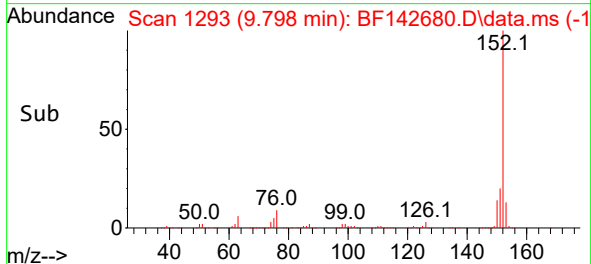
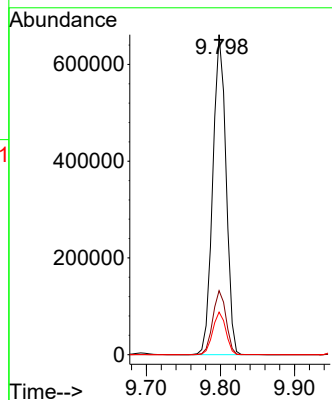
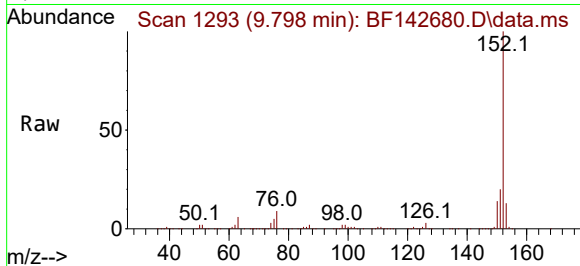




#49
Acenaphthylene
Concen: 41.739 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

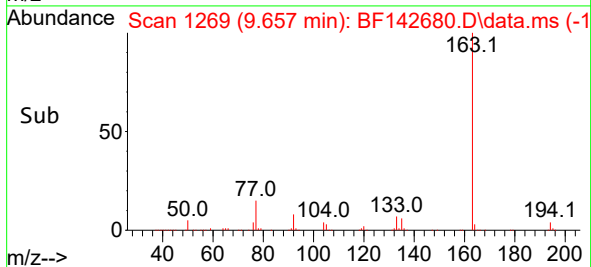
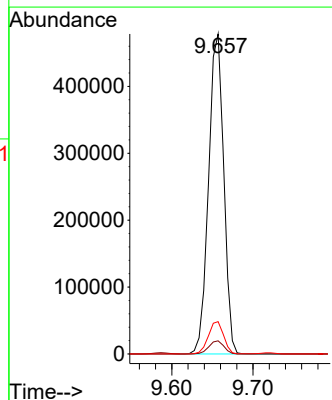
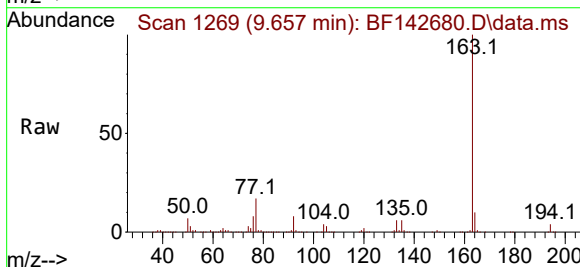
Instrument :
BNA_F
ClientSampleId :
TP03-MHCM5D

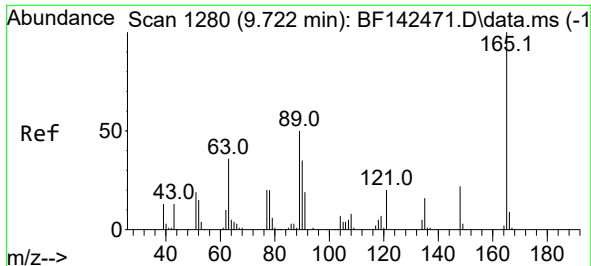
Tgt Ion:152 Resp: 821312
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 46.124 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion:163 Resp: 618728
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 8.2 12.4

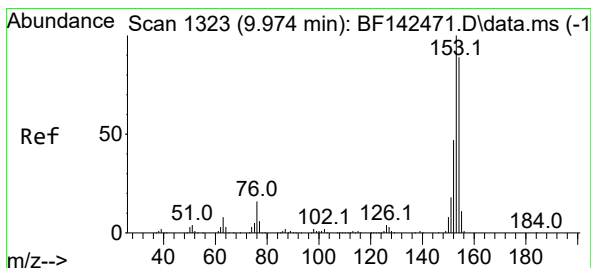
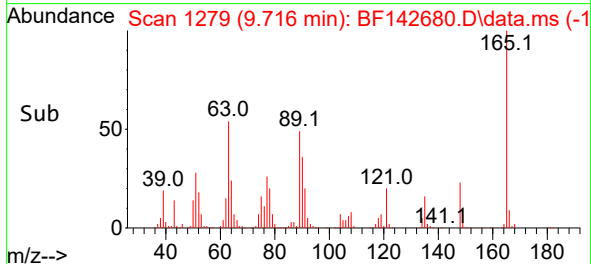
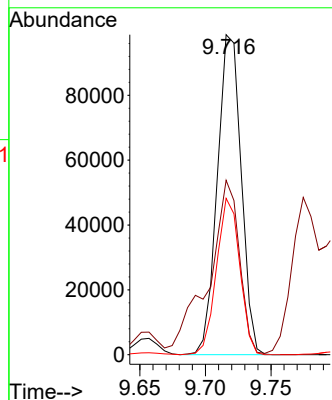
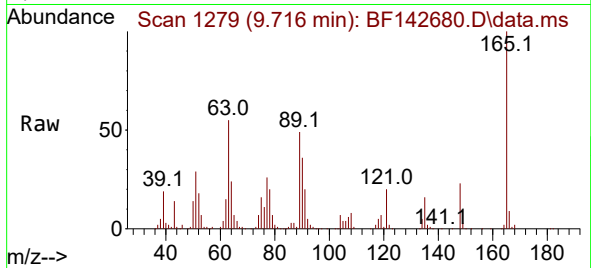




#51
2,6-Dinitrotoluene
Concen: 43.195 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

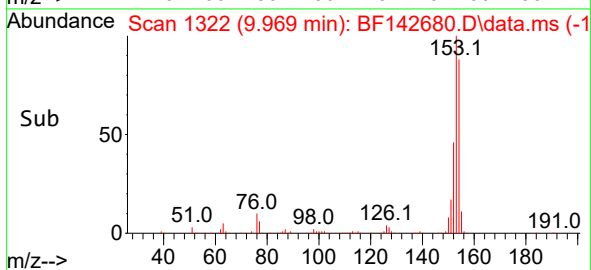
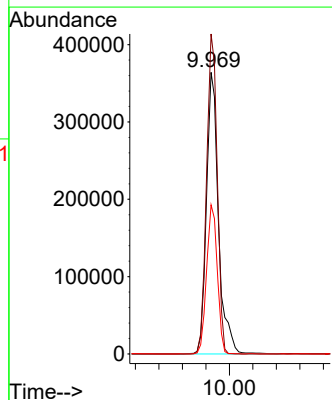
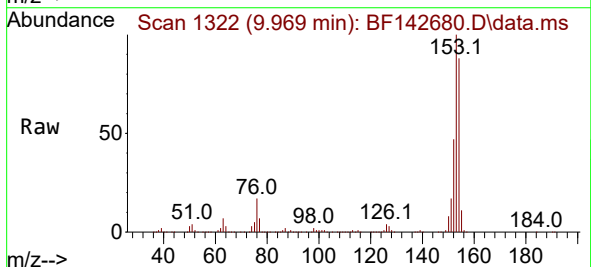
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMDS

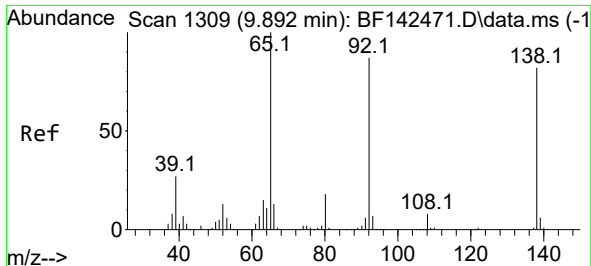
Tgt Ion:165 Resp: 125060
Ion Ratio Lower Upper
165 100
63 54.5 42.9 64.3
89 48.9 40.2 60.4



#52
Acenaphthene
Concen: 42.867 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion:154 Resp: 515065
Ion Ratio Lower Upper
154 100
153 113.6 90.0 135.0
152 53.0 42.6 64.0

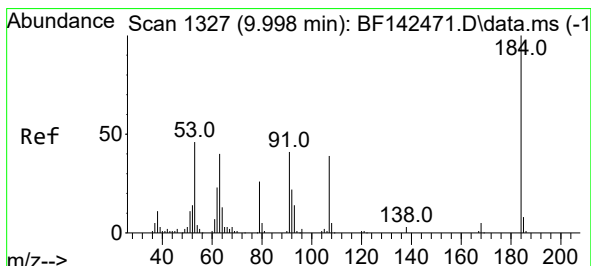
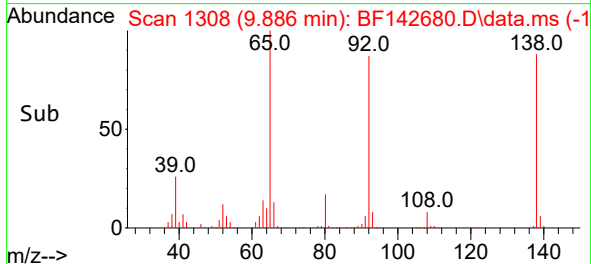
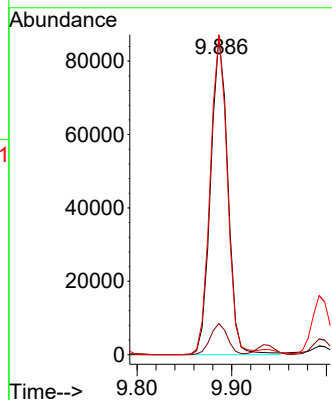
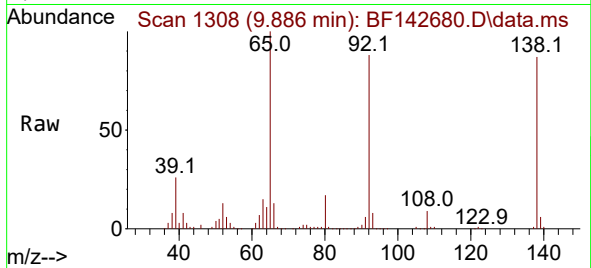




#53
3-Nitroaniline
Concen: 34.434 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

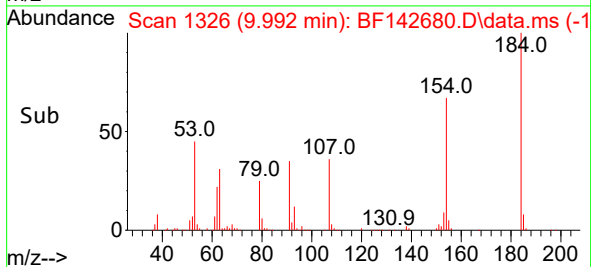
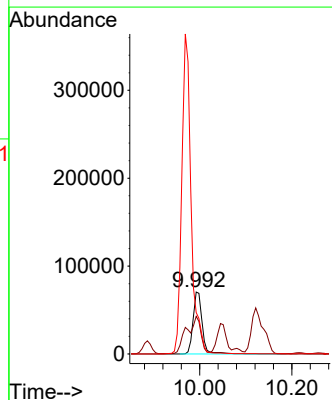
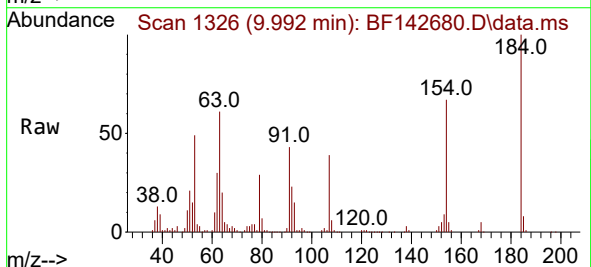
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMDS

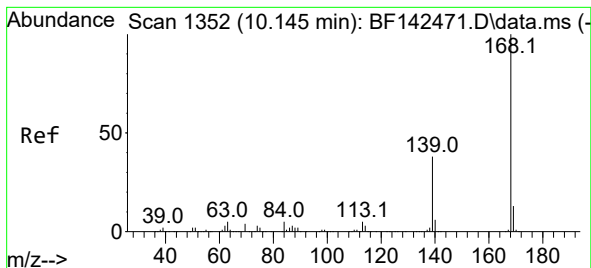
Tgt Ion:138 Resp: 108889
Ion Ratio Lower Upper
138 100
108 9.8 8.1 12.1
92 100.4 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 65.004 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion:184 Resp: 97233
Ion Ratio Lower Upper
184 100
63 60.6 46.3 69.5
154 66.9 56.8 85.2





#55

Dibenzenofuran

Concen: 40.452 ng

RT: 10.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMDS

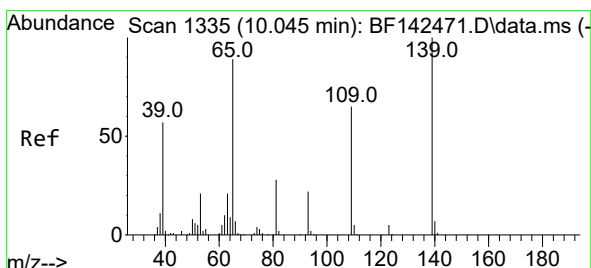
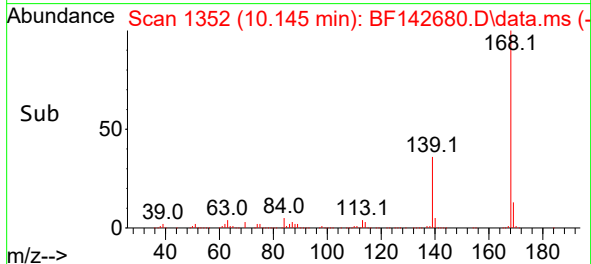
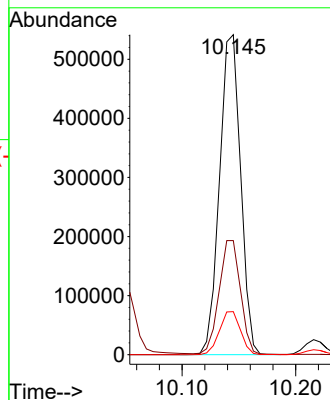
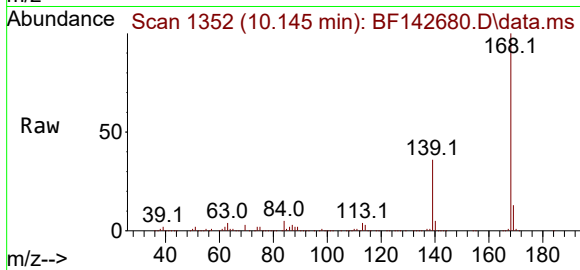
Tgt Ion:168 Resp: 699425

Ion Ratio Lower Upper

168 100

139 35.7 30.2 45.2

169 13.5 10.7 16.1



#56

4-Nitrophenol

Concen: 79.158 ng

RT: 10.051 min Scan# 1336

Delta R.T. 0.000 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

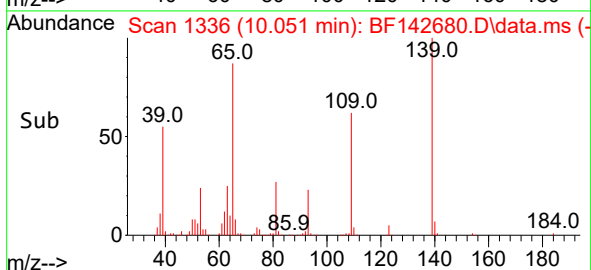
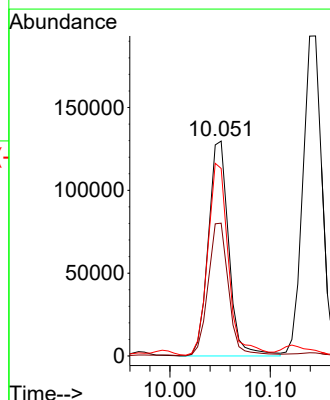
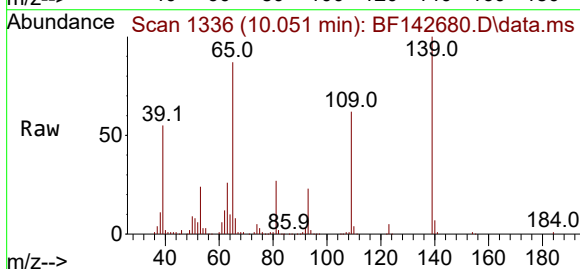
Tgt Ion:139 Resp: 184700

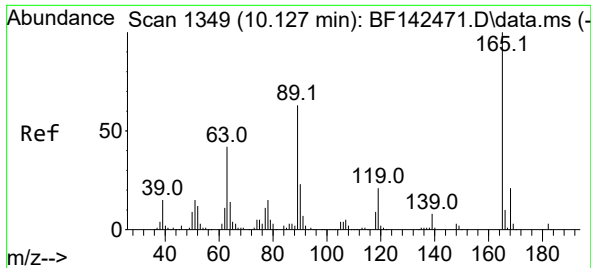
Ion Ratio Lower Upper

139 100

109 61.8 45.1 85.1

65 87.2 69.7 109.7

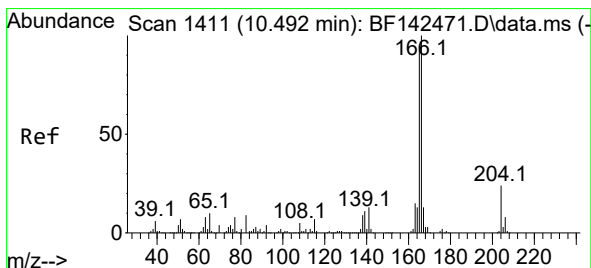
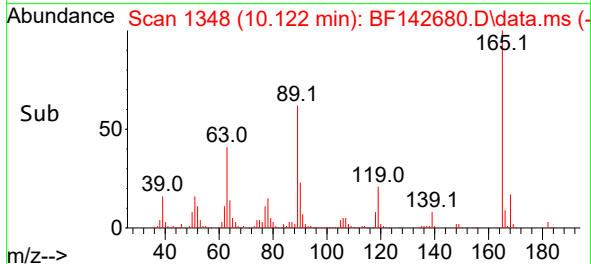
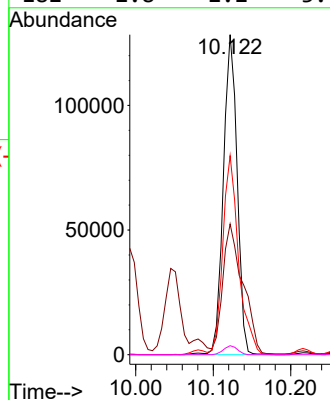
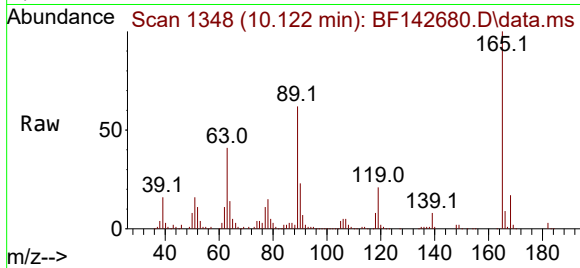




#57
2,4-Dinitrotoluene
Concen: 42.041 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

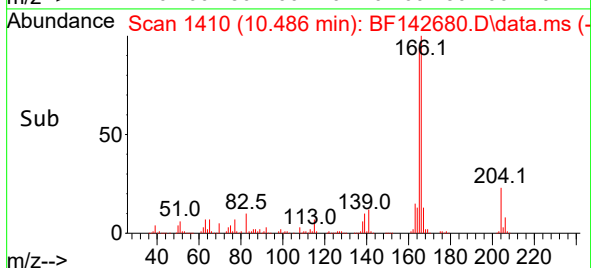
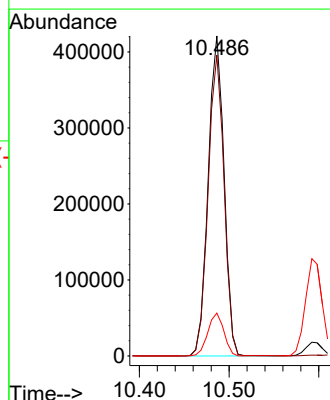
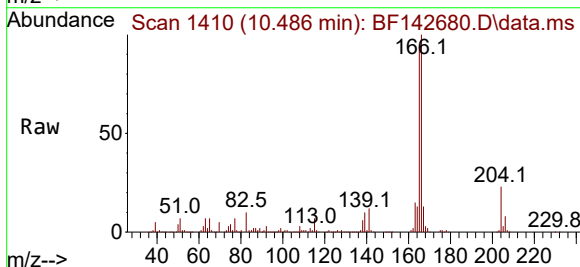
Instrument :
BNA_F
ClientSampleId :
TP03-MHCM5D

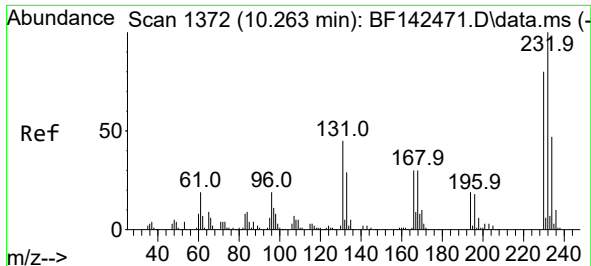
Tgt Ion:165 Resp: 158960
Ion Ratio Lower Upper
165 100
63 40.8 33.6 50.4
89 62.2 50.2 75.4
182 2.8 2.2 3.4



#58
Fluorene
Concen: 38.789 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion:166 Resp: 518134
Ion Ratio Lower Upper
166 100
165 94.0 75.8 113.8
167 13.4 10.6 16.0

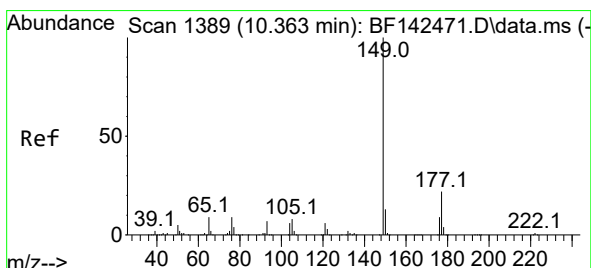
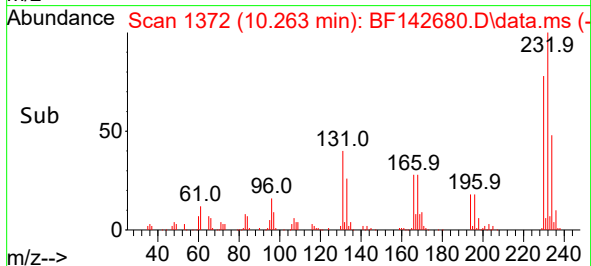
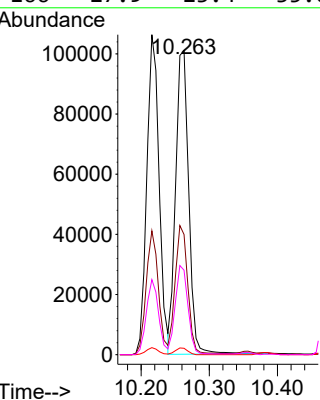
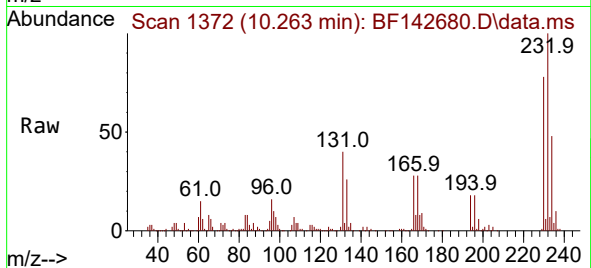




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.528 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

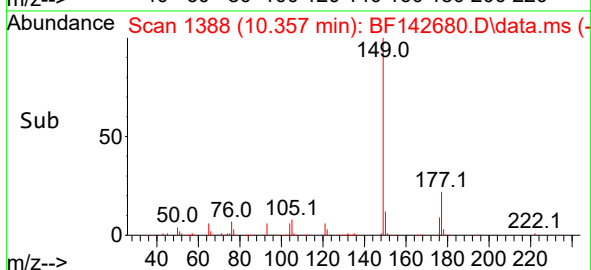
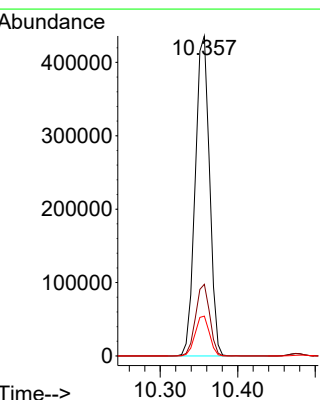
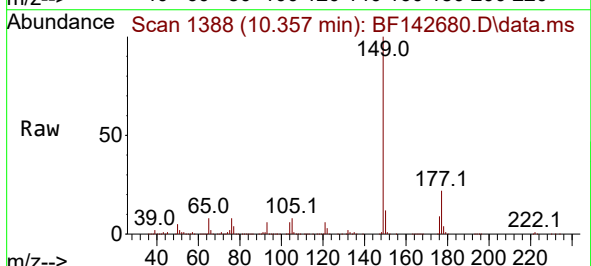
Instrument :
BNA_F
ClientSampleId :
TP03-MHCM5D

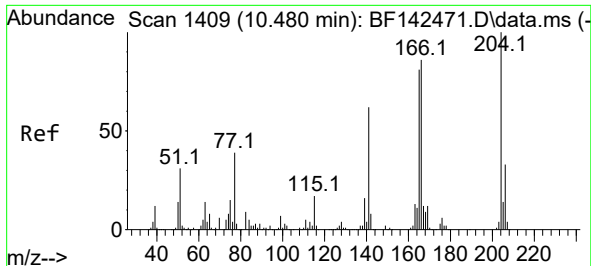
Tgt Ion:232 Resp: 133489
Ion Ratio Lower Upper
232 100
131 40.6 35.2 52.8
130 2.1 1.7 2.5
166 27.9 23.4 35.0



#60
Diethylphthalate
Concen: 42.598 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion:149 Resp: 558083
Ion Ratio Lower Upper
149 100
177 22.4 17.6 26.4
150 12.5 10.1 15.1

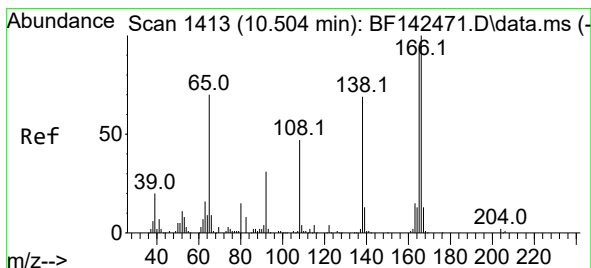
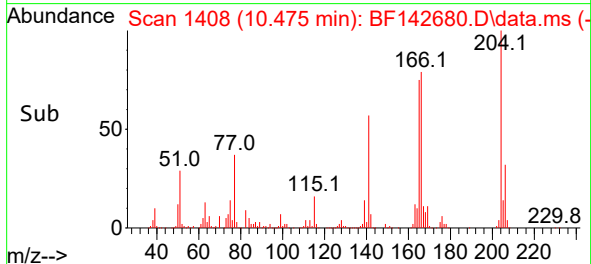
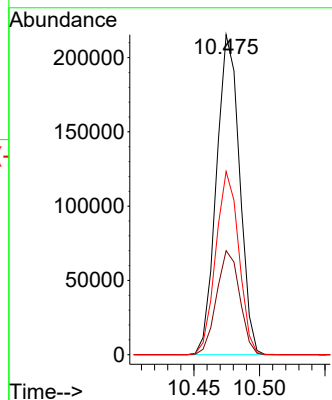
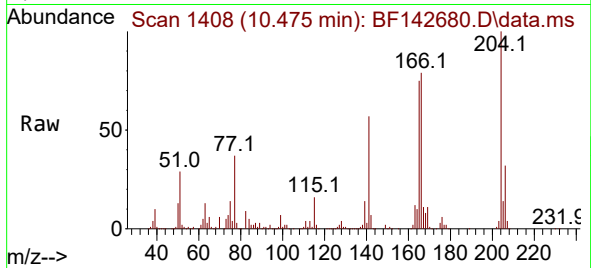




#61
4-Chlorophenyl-phenylether
Concen: 40.226 ng
RT: 10.475 min Scan# 1409
Delta R.T. -0.011 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

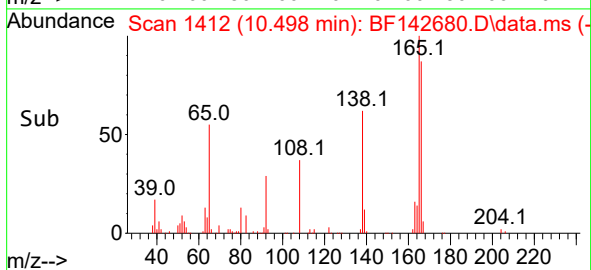
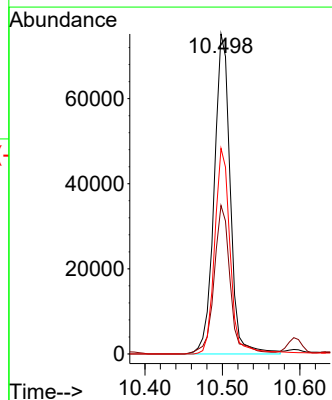
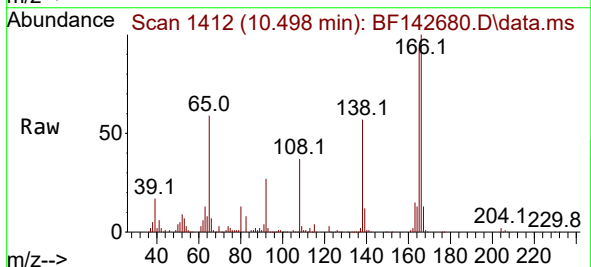
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMDS

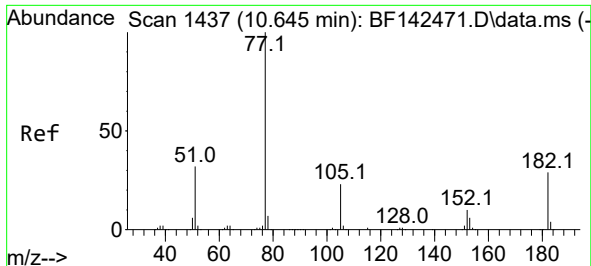
Tgt Ion:204 Resp: 263955
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 57.2 49.5 74.3



#62
4-Nitroaniline
Concen: 37.851 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion:138 Resp: 108558
Ion Ratio Lower Upper
138 100
92 46.4 26.0 66.0
108 64.3 48.4 88.4

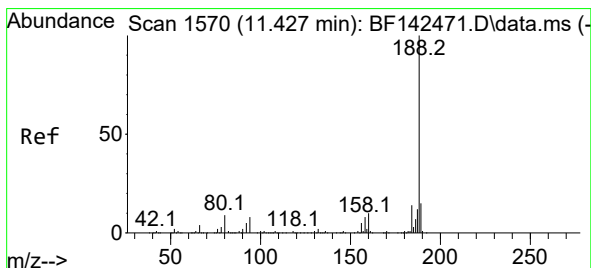
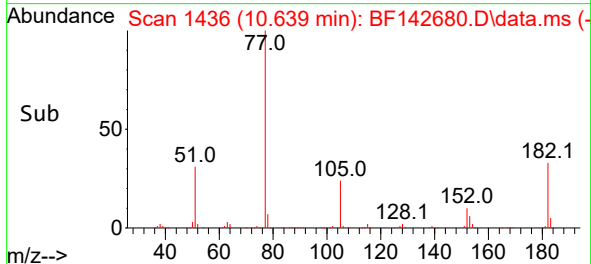
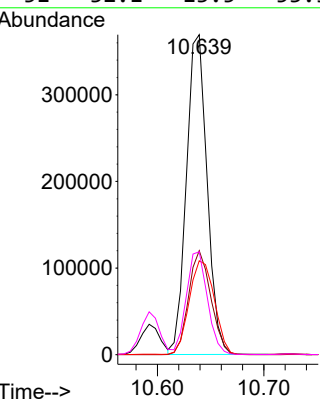
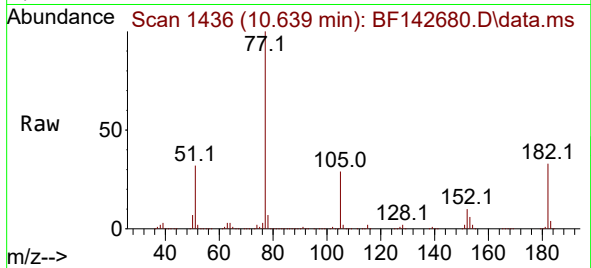




#63
Azobenzene
Concen: 42.443 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

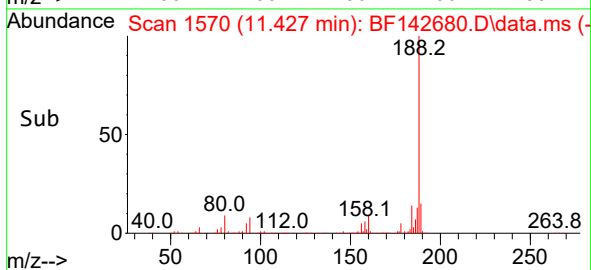
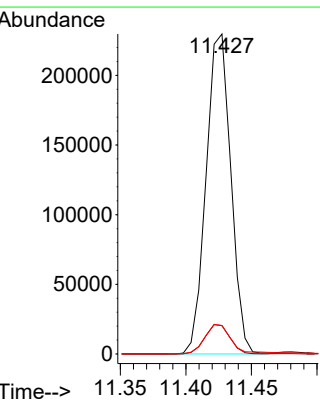
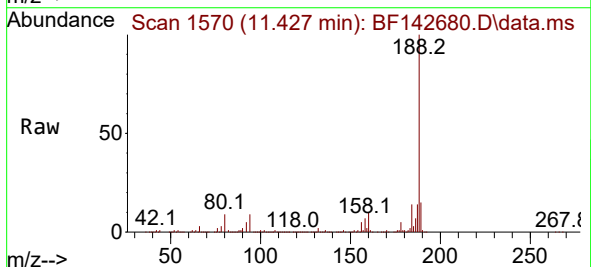
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMDS

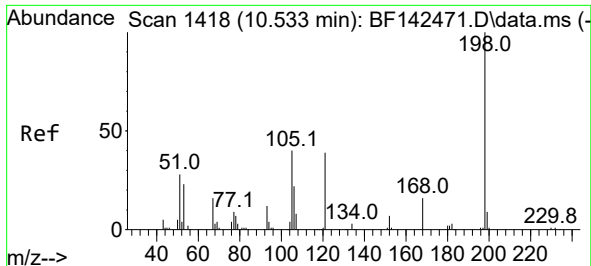
Tgt Ion: 77	Resp: 499435
Ion Ratio	Lower Upper
77 100	
182 32.5	9.0 49.0
105 29.3	2.4 42.4
51 32.1	13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion:188	Resp: 301639
Ion Ratio	Lower Upper
188 100	
94 8.9	6.6 10.0
80 8.9	7.4 11.0

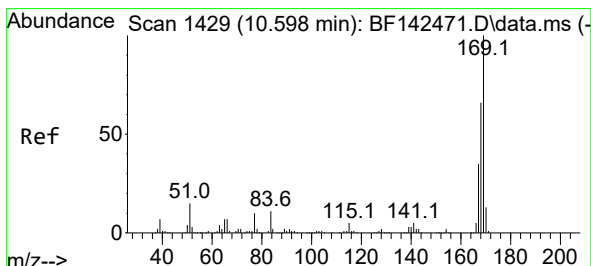
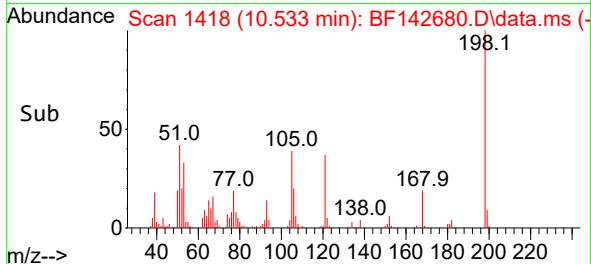
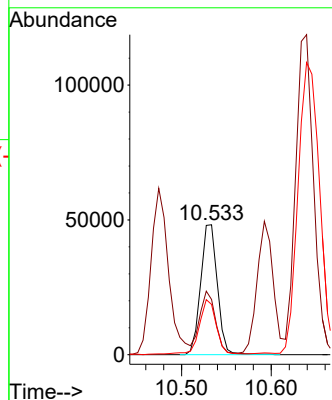
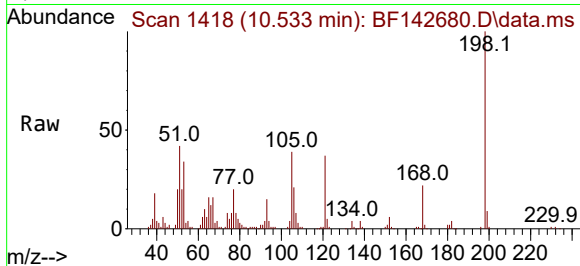




#65
4,6-Dinitro-2-methylphenol
Concen: 37.055 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

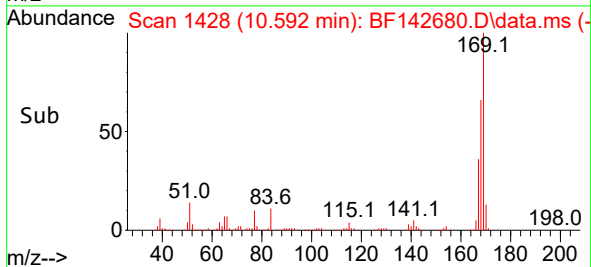
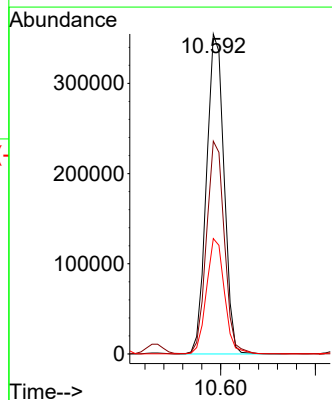
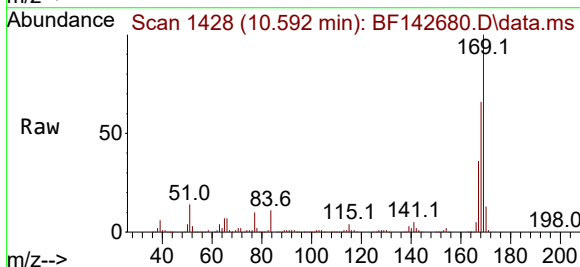
Instrument :
BNA_F
ClientSampleId :
TP03-MHCM5D

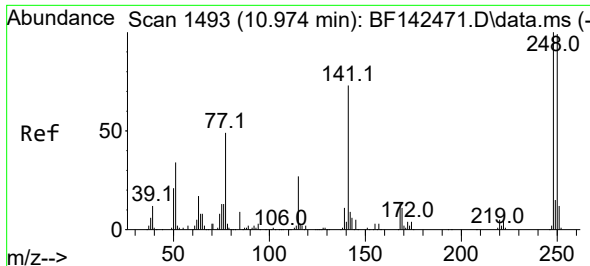
Tgt Ion:198 Resp: 62378
Ion Ratio Lower Upper
198 100
51 42.4 28.3 68.3
105 38.6 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 44.028 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion:169 Resp: 454359
Ion Ratio Lower Upper
169 100
168 66.5 52.7 79.1
167 36.1 28.3 42.5

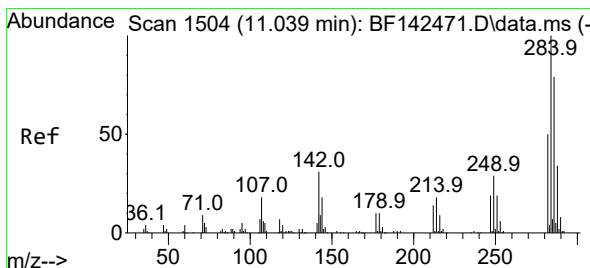
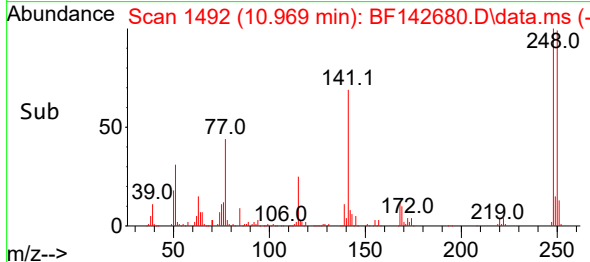
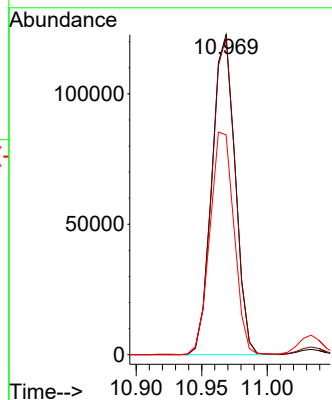
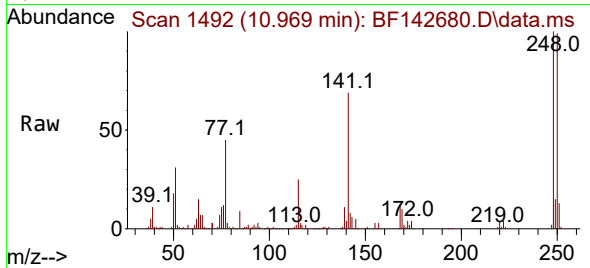




#67
4-Bromophenyl-phenylether
Concen: 42.542 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

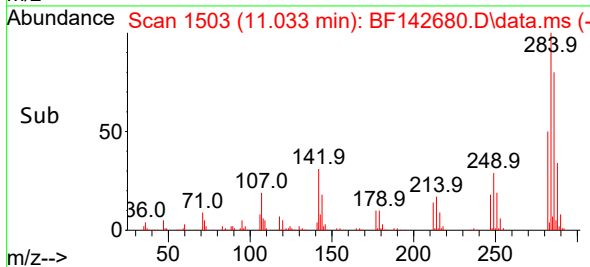
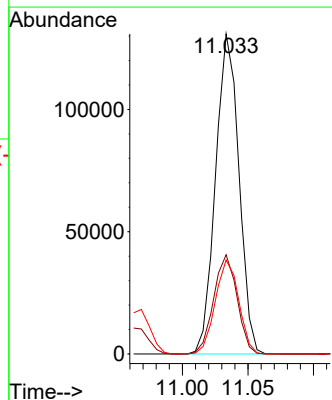
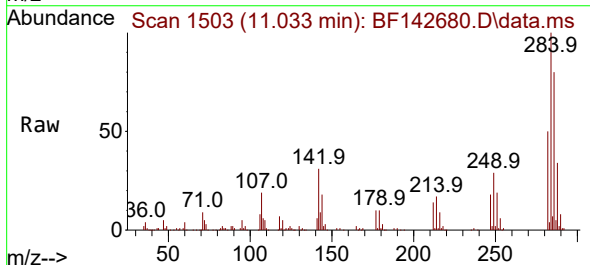
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMSD

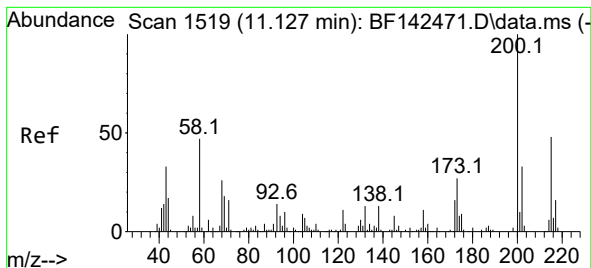
Tgt Ion:248 Resp: 151732
Ion Ratio Lower Upper
248 100
250 99.3 79.0 118.4
141 68.7 58.4 87.6



#68
Hexachlorobenzene
Concen: 41.048 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion:284 Resp: 161925
Ion Ratio Lower Upper
284 100
142 31.0 24.8 37.2
249 29.3 23.6 35.4





#69

Atrazine

Concen: 49.913 ng

RT: 11.122 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMSD

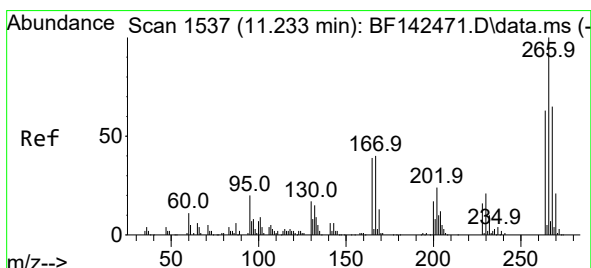
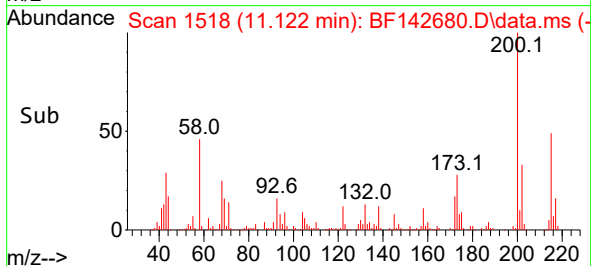
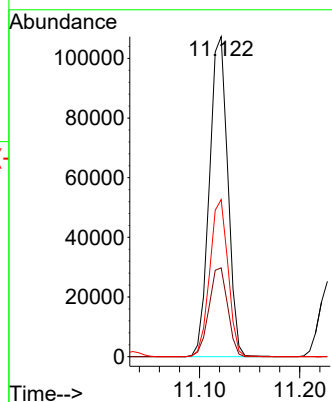
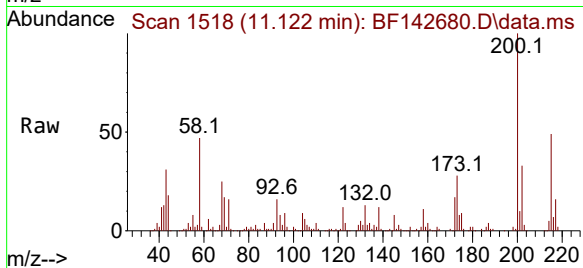
Tgt Ion:200 Resp: 136793

Ion Ratio Lower Upper

200 100

173 27.8 7.4 47.4

215 49.1 28.5 68.5



#70

Pentachlorophenol

Concen: 88.024 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

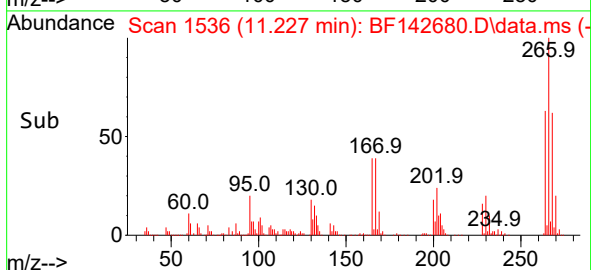
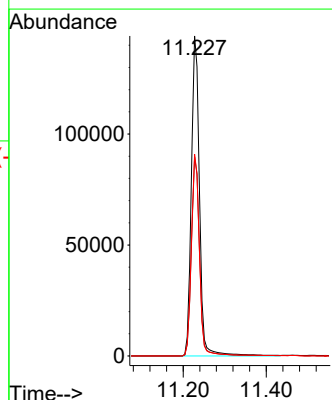
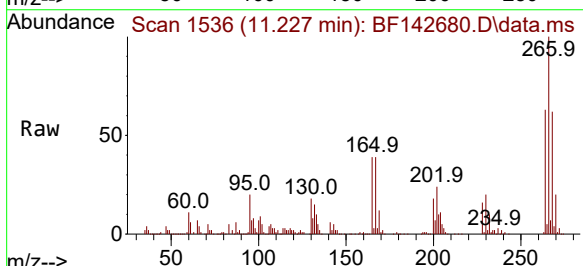
Tgt Ion:266 Resp: 196046

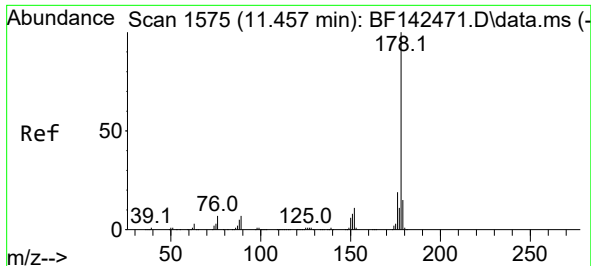
Ion Ratio Lower Upper

266 100

268 62.3 51.7 77.5

264 63.1 50.4 75.6

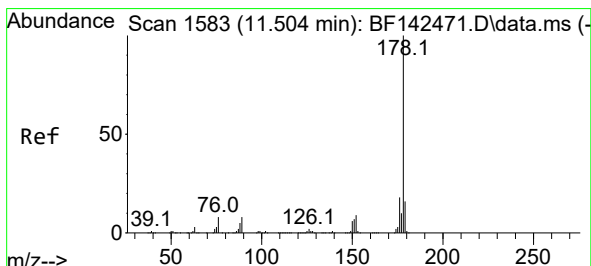
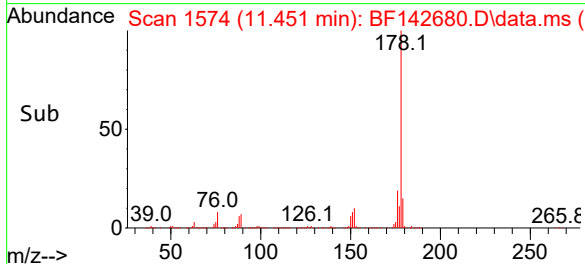
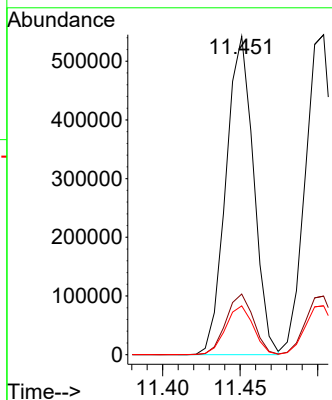
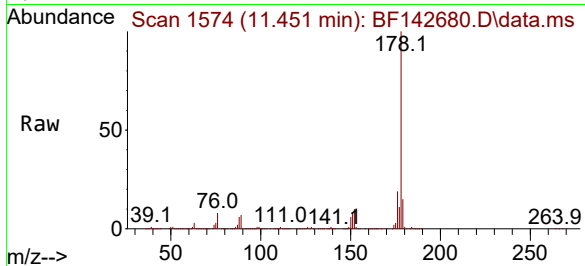




#71
Phenanthrene
Concen: 41.715 ng
RT: 11.451 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

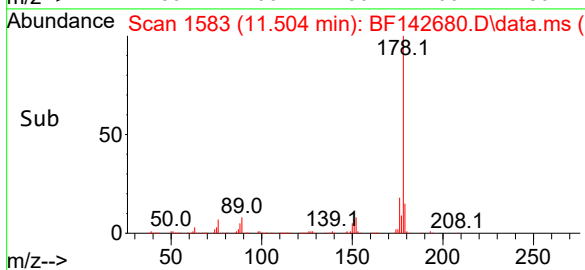
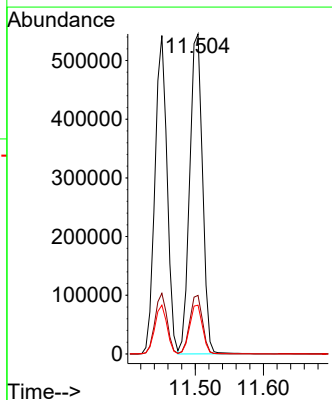
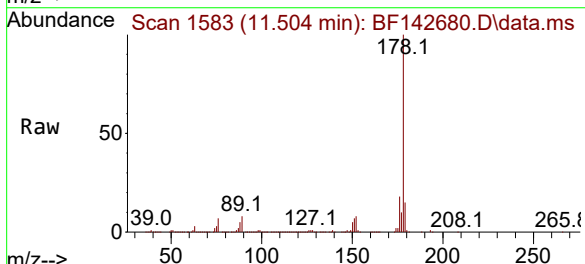
Instrument :
BNA_F
ClientSampleId :
TP03-MHCM5D

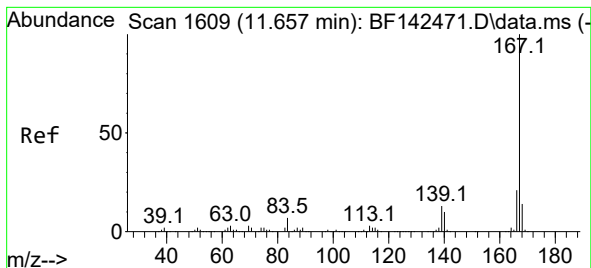
Tgt Ion:178 Resp: 672451
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.3 18.5



#72
Anthracene
Concen: 42.987 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion:178 Resp: 707211
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.3 12.4 18.6





#73

Carbazole

Concen: 46.618 ng

RT: 11.657 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMMSD

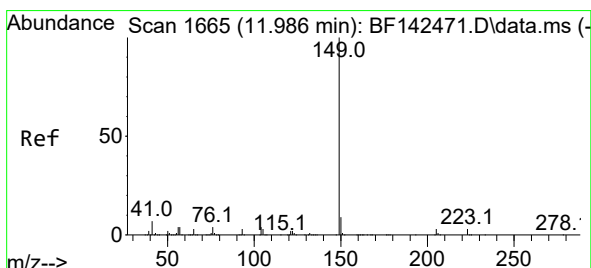
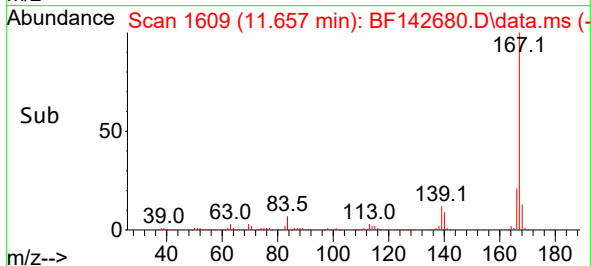
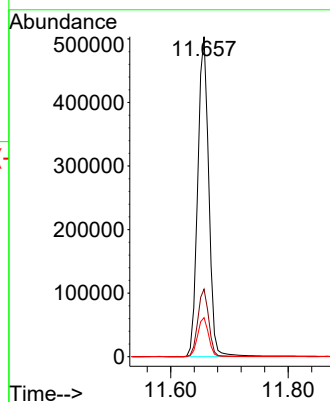
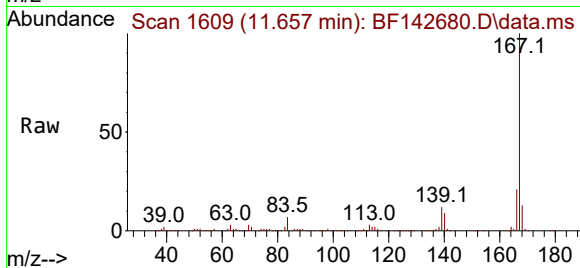
Tgt Ion:167 Resp: 655661

Ion Ratio Lower Upper

167 100

166 21.1 16.9 25.3

139 12.2 10.2 15.4



#74

Di-n-butylphthalate

Concen: 50.067 ng

RT: 11.980 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

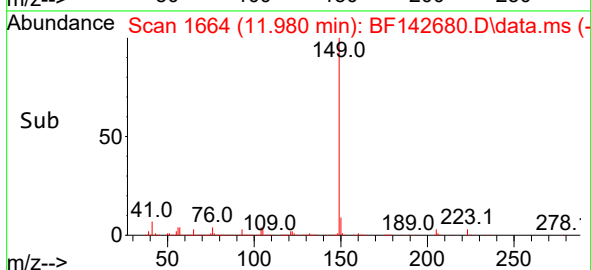
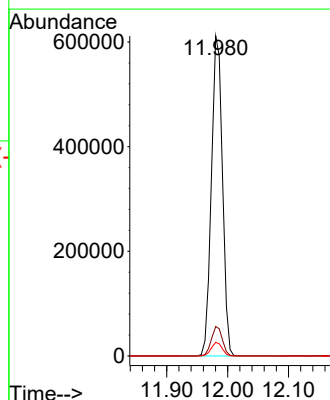
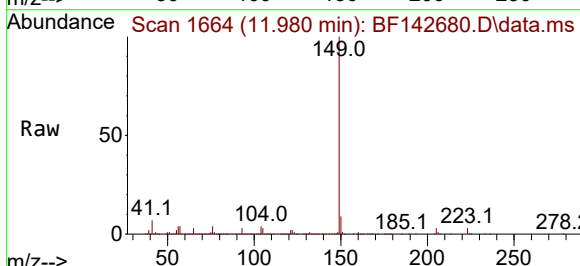
Tgt Ion:149 Resp: 770783

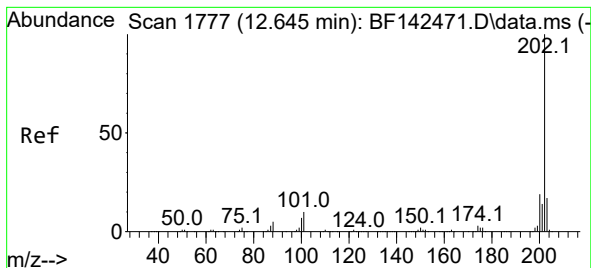
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 4.3 3.6 5.4





#75

Fluoranthene

Concen: 51.386 ng

RT: 12.639 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMMSD

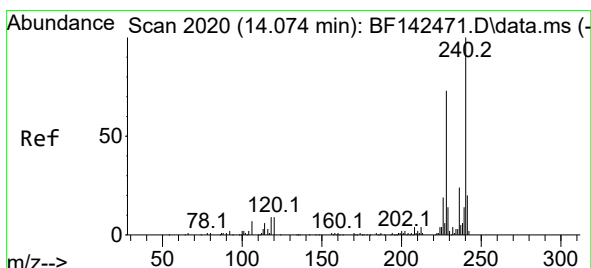
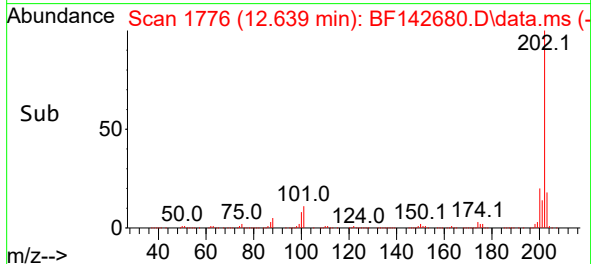
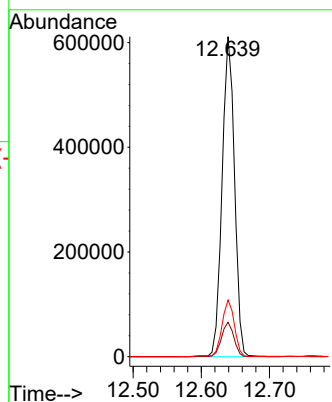
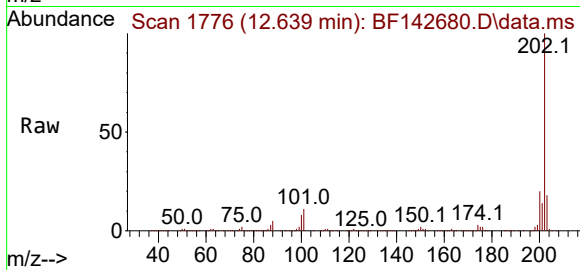
Tgt Ion:202 Resp: 774008

Ion Ratio Lower Upper

202 100

101 10.7 0.0 29.6

203 17.7 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: BF142680.D

Acq: 07 Jun 2025 09:29

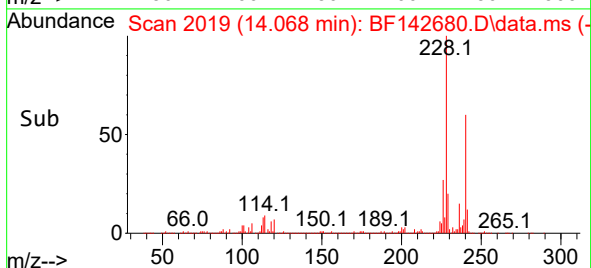
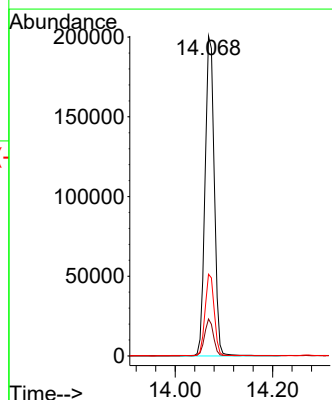
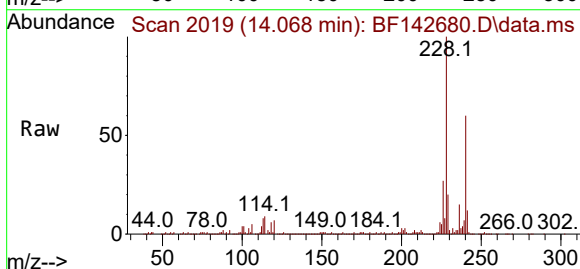
Tgt Ion:240 Resp: 263285

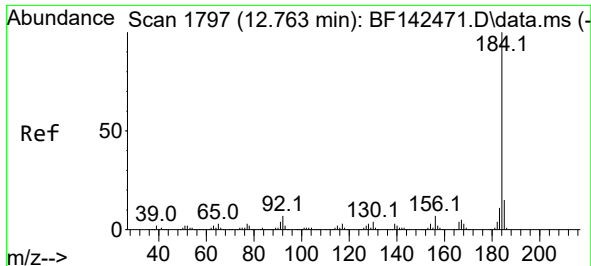
Ion Ratio Lower Upper

240 100

120 11.6 7.5 11.3#

236 25.5 19.6 29.4

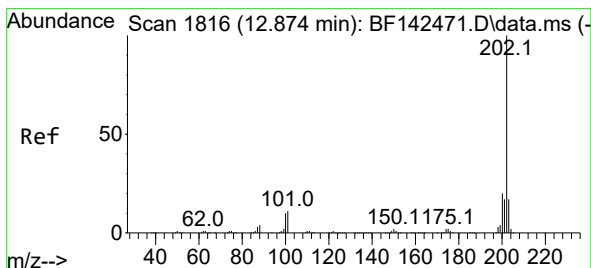
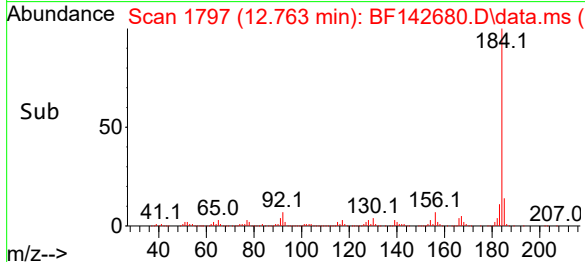
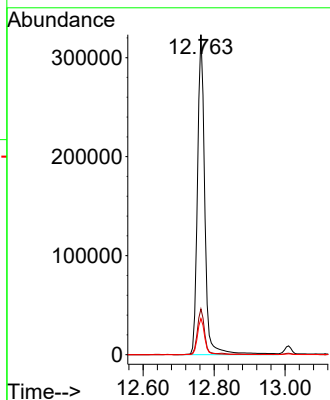
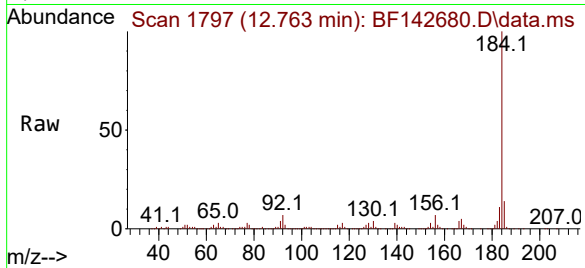




#77
Benzidine
Concen: 47.618 ng
RT: 12.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

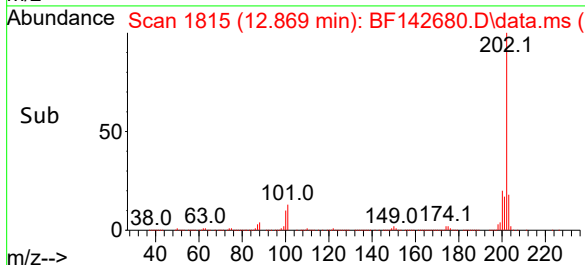
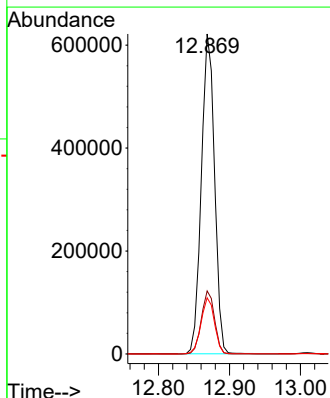
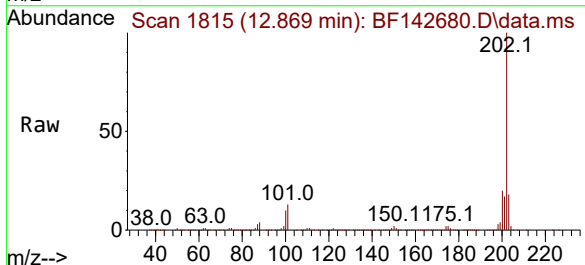
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMUSD

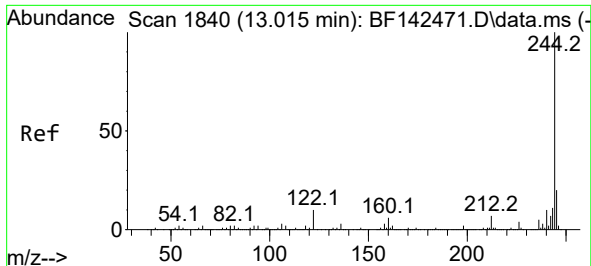
Tgt Ion:184 Resp: 466541
Ion Ratio Lower Upper
184 100
185 14.3 11.6 17.4
183 11.3 9.0 13.4



#78
Pyrene
Concen: 32.746 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion:202 Resp: 804263
Ion Ratio Lower Upper
202 100
200 19.7 16.1 24.1
203 17.6 13.9 20.9

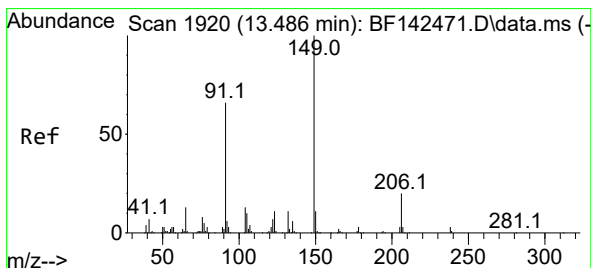
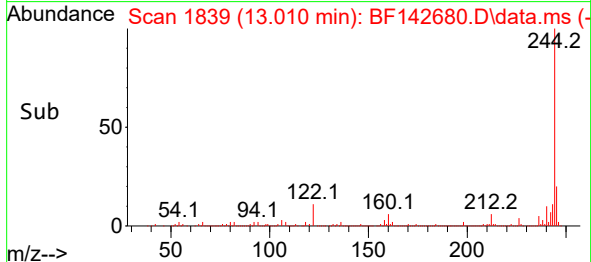
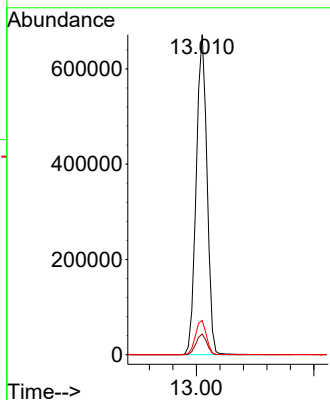
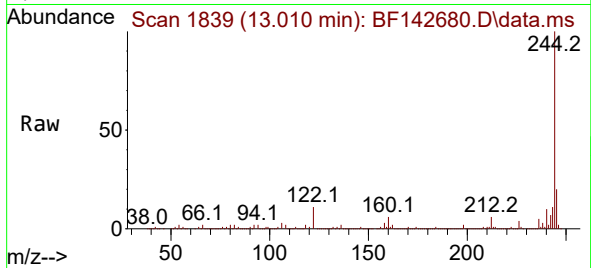




#79
 Terphenyl-d14
 Concen: 44.399 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142680.D
 Acq: 07 Jun 2025 09:29

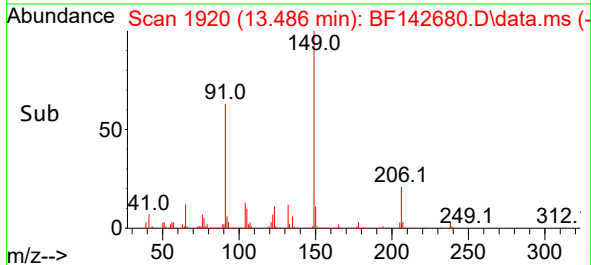
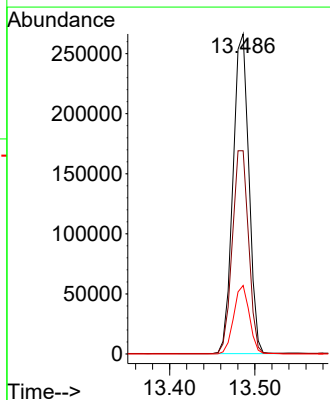
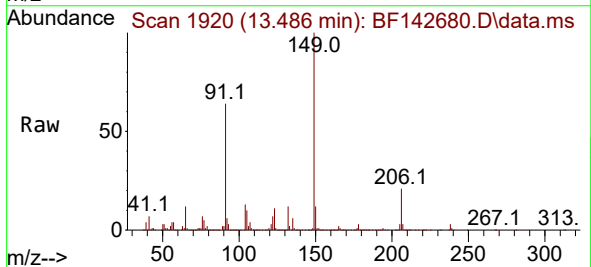
Instrument :
 BNA_F
 ClientSampleId :
 TP03-MHCMSD

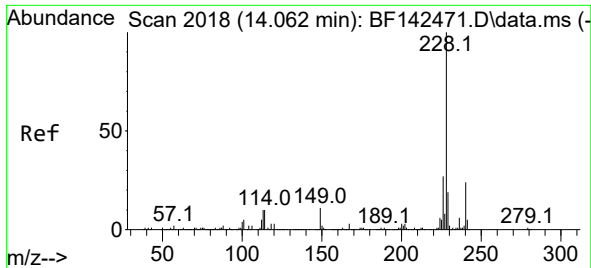
Tgt Ion:244 Resp: 855420
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 10.7 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 50.707 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142680.D
 Acq: 07 Jun 2025 09:29

Tgt Ion:149 Resp: 344124
 Ion Ratio Lower Upper
 149 100
 91 63.5 52.9 79.3
 206 21.4 16.2 24.2

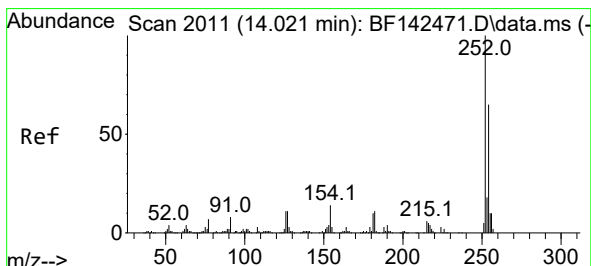
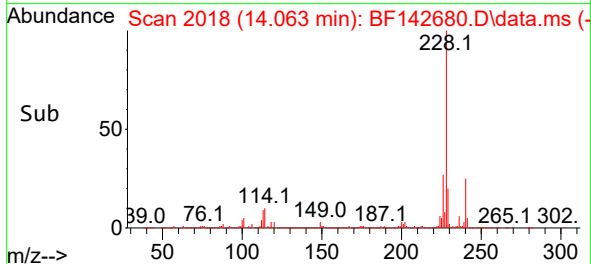
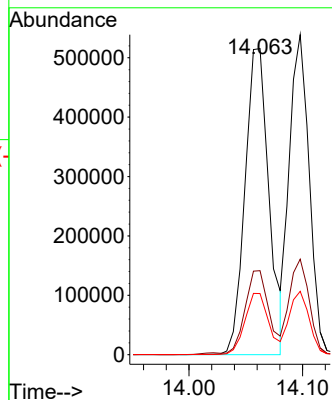
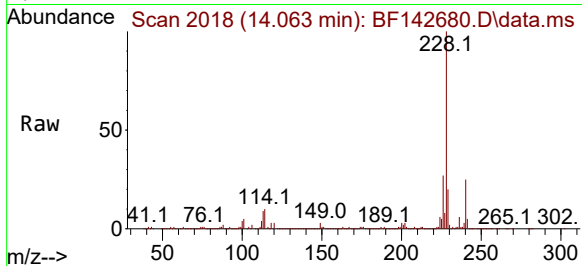




#81
Benzo(a)anthracene
Concen: 43.056 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

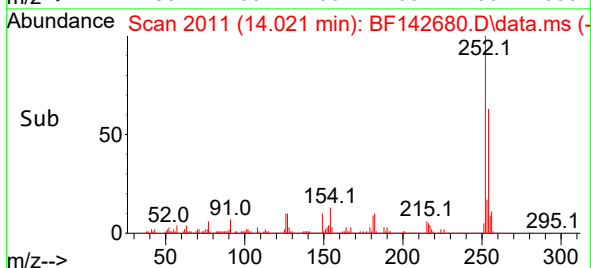
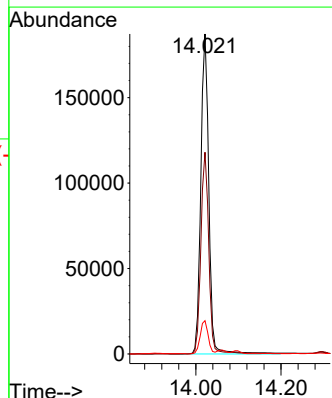
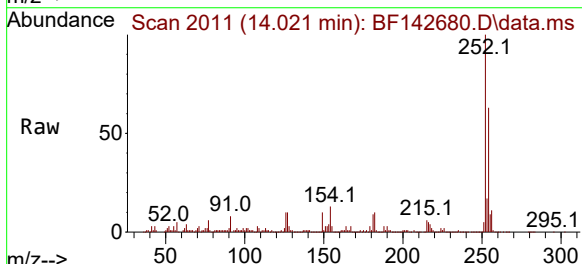
Instrument :
BNA_F
ClientSampleId :
TP03-MHCM5D

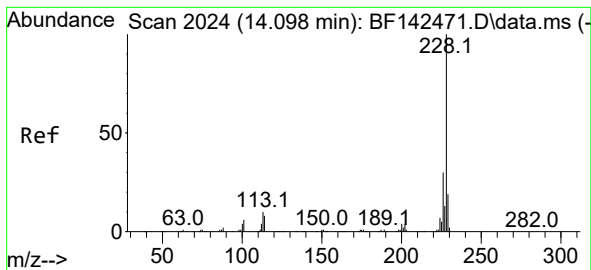
Tgt Ion:228 Resp: 756968
Ion Ratio Lower Upper
228 100
226 27.4 21.2 31.8
229 20.0 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 45.834 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion:252 Resp: 244409
Ion Ratio Lower Upper
252 100
254 63.0 52.0 78.0
126 10.4 8.9 13.3





#83

Chrysene

Concen: 41.834 ng

RT: 14.098 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMDS

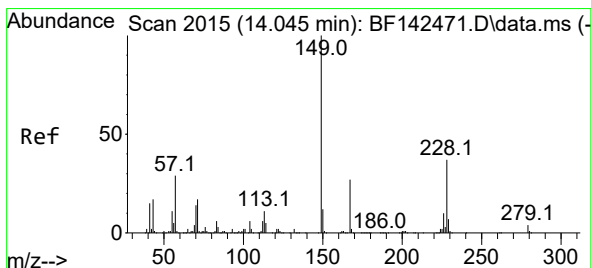
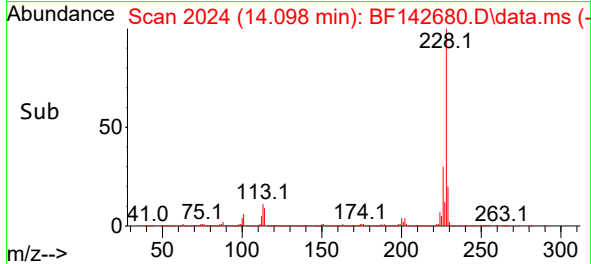
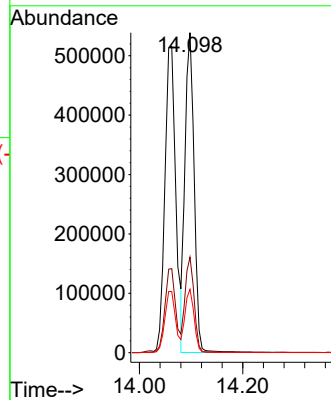
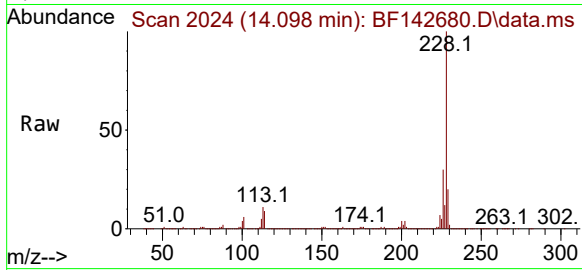
Tgt Ion:228 Resp: 660871

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

229 19.8 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.866 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

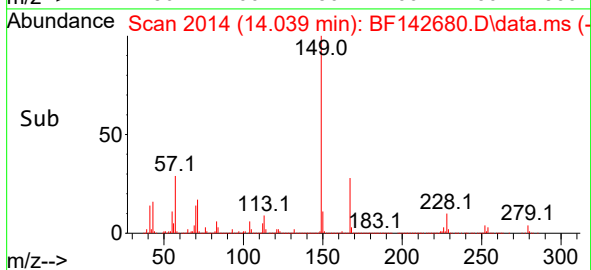
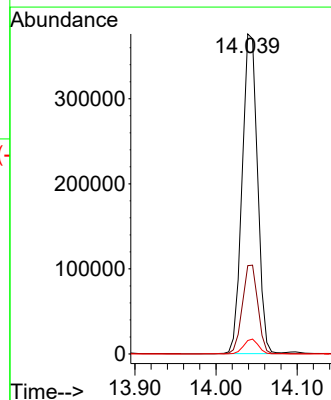
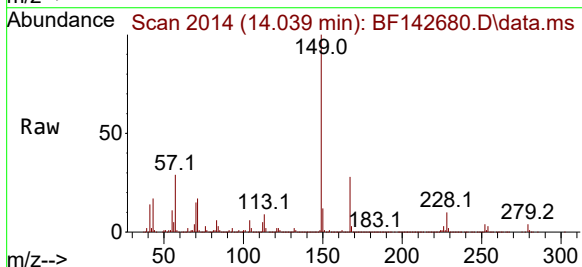
Tgt Ion:149 Resp: 494041

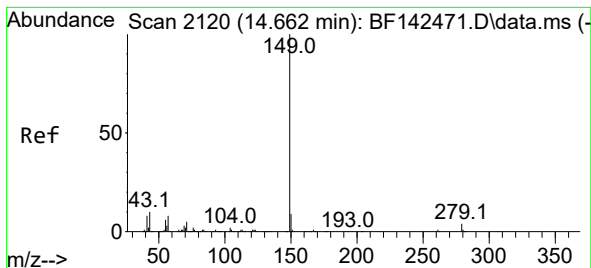
Ion Ratio Lower Upper

149 100

167 27.6 21.5 32.3

279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 48.405 ng

RT: 14.657 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMMSD

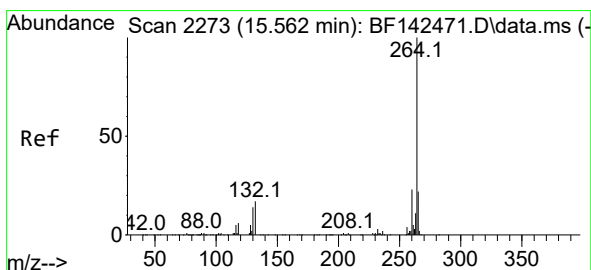
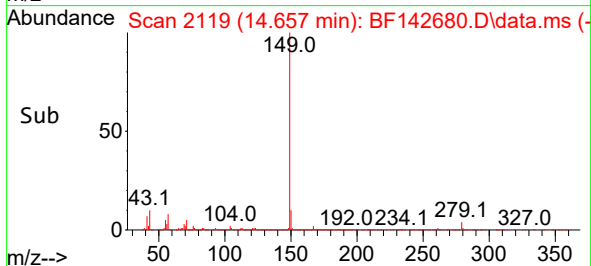
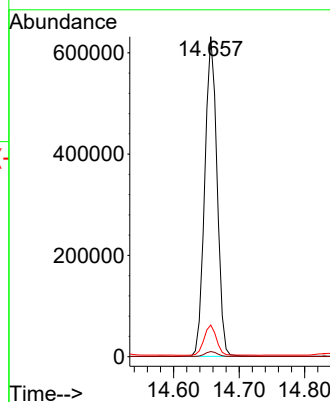
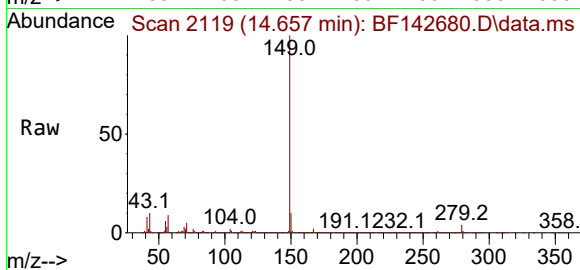
Tgt Ion:149 Resp: 822267

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.5 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

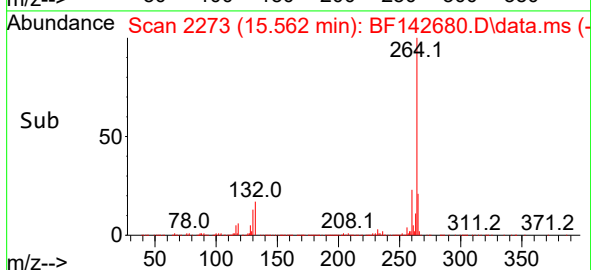
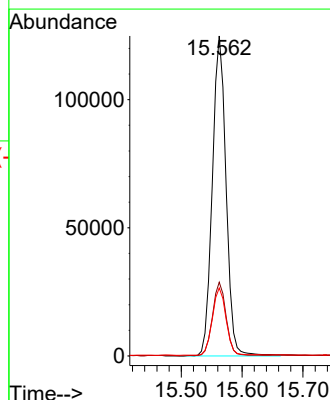
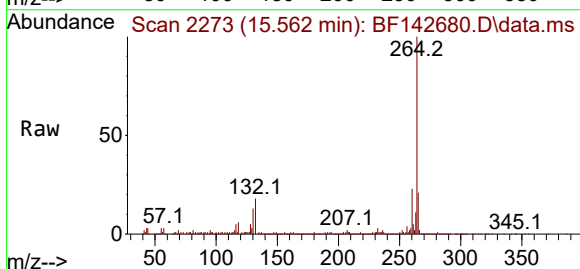
Tgt Ion:264 Resp: 195955

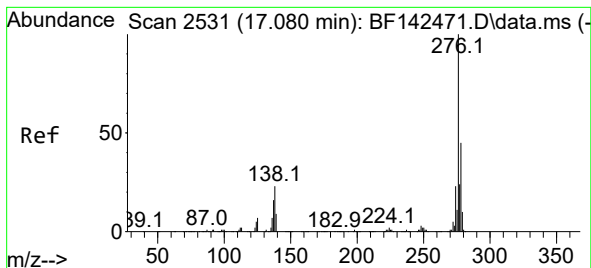
Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.3 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 32.973 ng

RT: 17.074 min Scan# 2198

Delta R.T. -0.018 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMMSD

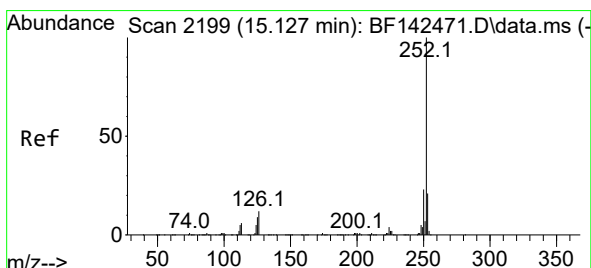
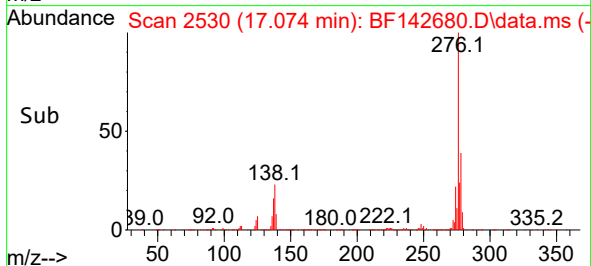
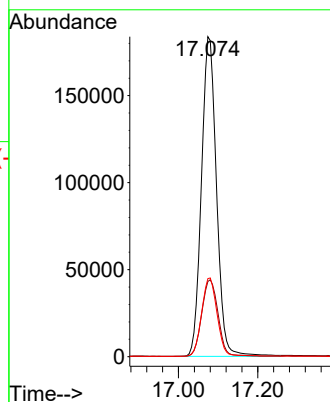
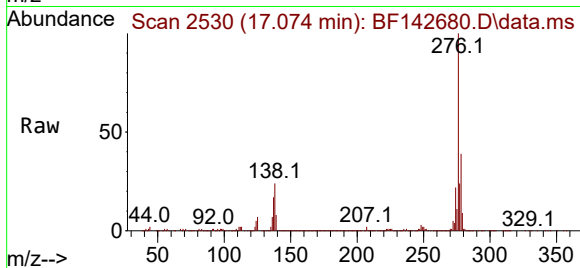
Tgt Ion:276 Resp: 485069

Ion Ratio Lower Upper

276 100

138 25.9 19.9 29.9

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 50.529 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

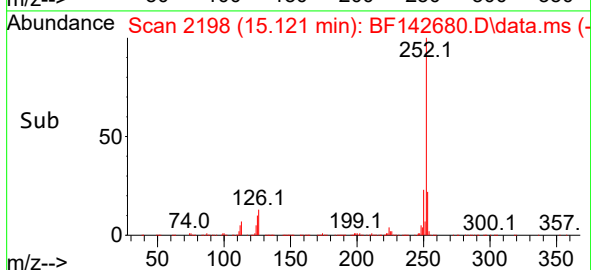
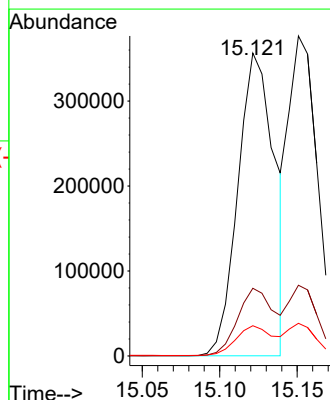
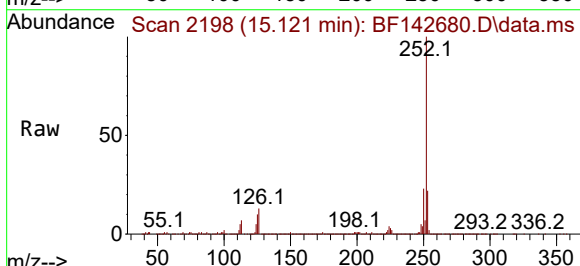
Tgt Ion:252 Resp: 586012

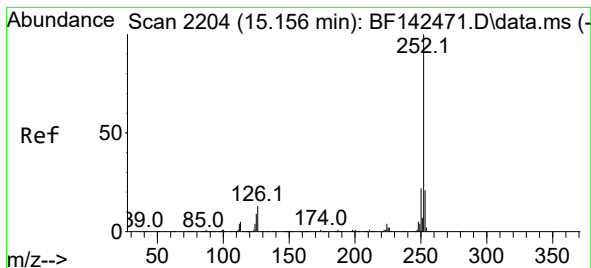
Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

125 10.0 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 45.572 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMMSD

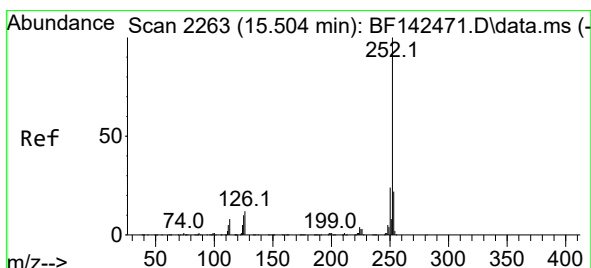
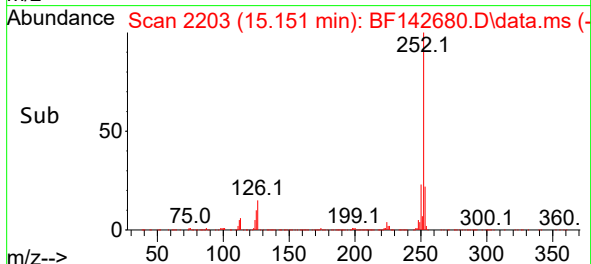
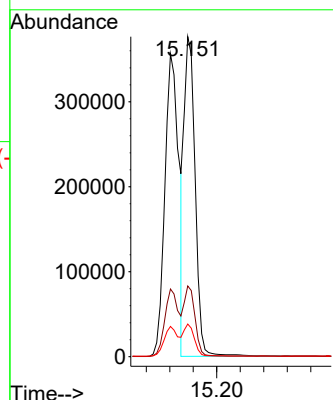
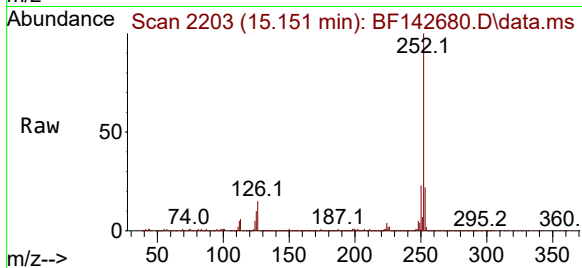
Tgt Ion:252 Resp: 495026

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

125 10.2 7.3 10.9



#90

Benzo(a)pyrene

Concen: 43.454 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.012 min

Lab File: BF142680.D

Acq: 07 Jun 2025 09:29

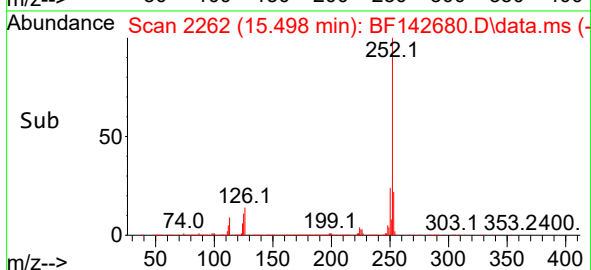
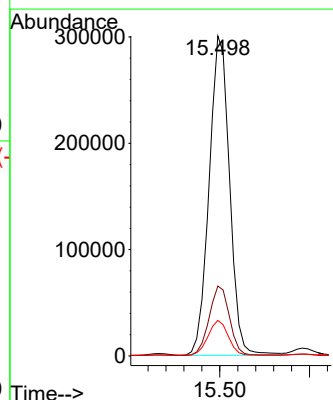
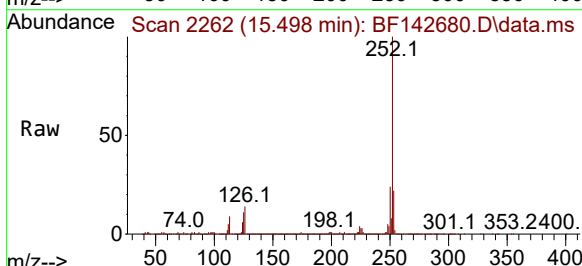
Tgt Ion:252 Resp: 475032

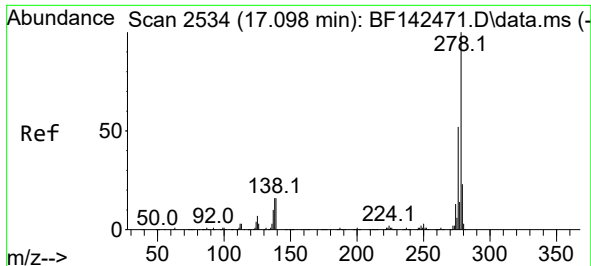
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 11.1 7.9 11.9

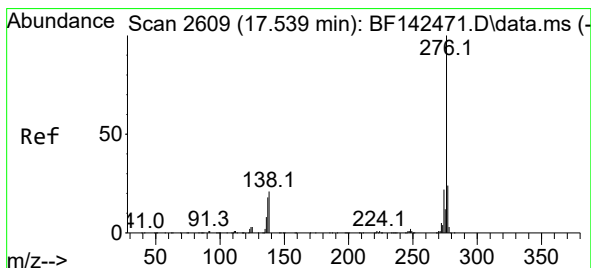
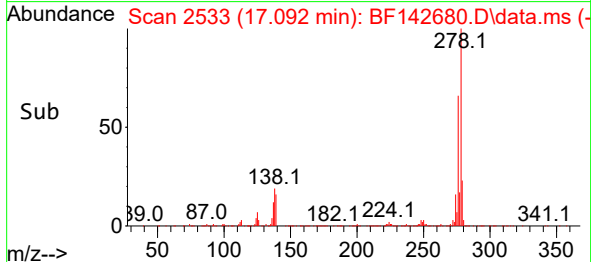
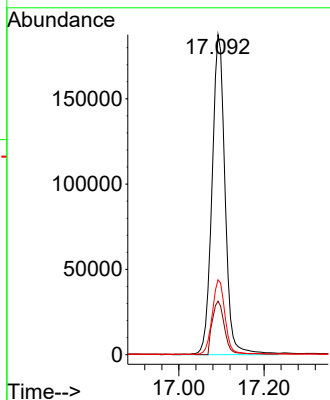
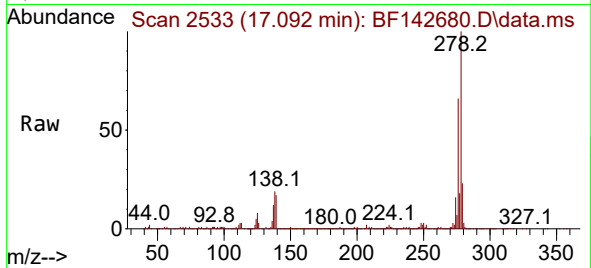




#91
Dibenzo(a,h)anthracene
Concen: 33.458 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Instrument :
BNA_F
ClientSampleId :
TP03-MHCM5D

Tgt Ion:278 Resp: 399204
Ion Ratio Lower Upper
278 100
139 16.7 12.8 19.2
279 23.4 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 32.277 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.023 min
Lab File: BF142680.D
Acq: 07 Jun 2025 09:29

Tgt Ion:276 Resp: 385196
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 22.3 16.8 25.2

