

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
 Data File : BF142480.D
 Acq On : 21 May 2025 11:37
 Operator : RC/JU
 Sample : PB168083BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168083BS

Quant Time: May 21 12:24:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	124824	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	495438	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	277044	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	468851	20.000	ng	0.00
76) Chrysene-d12	14.068	240	214548	20.000	ng	0.00
86) Perylene-d12	15.562	264	229705	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	789637	106.578	ng	0.00
7) Phenol-d6	6.528	99	1023184	114.723	ng	0.00
23) Nitrobenzene-d5	7.463	82	630226	69.364	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	359414	116.889	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1363534	66.043	ng	0.00
79) Terphenyl-d14	13.015	244	1280646	81.570	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	96201	32.448	ng	100
3) Pyridine	3.516	79	266558	35.306	ng	99
4) n-Nitrosodimethylamine	3.469	42	148567	37.899	ng	96
6) Aniline	6.563	93	411299	34.298	ng	100
8) 2-Chlorophenol	6.686	128	342541	42.446	ng	100
9) Benzaldehyde	6.451	77	192665	35.916	ng	98
10) Phenol	6.539	94	417865	41.639	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	309767	42.881	ng	100
12) 1,3-Dichlorobenzene	6.839	146	362444	40.249	ng	100
13) 1,4-Dichlorobenzene	6.916	146	370203	40.813	ng	99
14) 1,2-Dichlorobenzene	7.069	146	355431	40.950	ng	99
15) Benzyl Alcohol	7.039	79	279366	42.387	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	500612	41.266	ng	100
17) 2-Methylphenol	7.151	107	268227	42.571	ng	99
18) Hexachloroethane	7.416	117	127582	40.280	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	227666	41.189	ng	99
20) 3+4-Methylphenols	7.304	107	334399	41.445	ng	98
22) Acetophenone	7.310	105	439615	40.084	ng	99
24) Nitrobenzene	7.481	77	337199	41.149	ng	99
25) Isophorone	7.722	82	626222	41.224	ng	99
26) 2-Nitrophenol	7.798	139	192665	44.001	ng	97
27) 2,4-Dimethylphenol	7.833	122	329798	42.710	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	383733	40.438	ng	99
29) 2,4-Dichlorophenol	8.039	162	298440	42.499	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	310974	40.804	ng	98
31) Naphthalene	8.204	128	1023370	41.950	ng	100
32) Benzoic acid	7.951	122	223837m	47.620	ng	
33) 4-Chloroaniline	8.251	127	189181m	19.138	ng	
34) Hexachlorobutadiene	8.322	225	187885	39.483	ng	100
35) Caprolactam	8.622	113	90734m	46.005	ng	
36) 4-Chloro-3-methylphenol	8.733	107	304323	42.286	ng	98
37) 2-Methylnaphthalene	8.898	142	614650	40.049	ng	100
38) 1-Methylnaphthalene	8.998	142	647702	40.800	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	312557	39.302	ng	99
41) Hexachlorocyclopentadiene	9.051	237	446528	83.232	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	222225	41.439	ng	97

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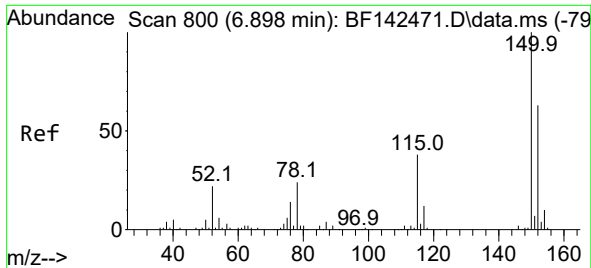
Quant Time: May 21 12:24:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	233019	41.201	ng	99
46) 1,1'-Biphenyl	9.363	154	859058	39.968	ng	100
47) 2-Chloronaphthalene	9.386	162	641274	40.382	ng	99
48) 2-Nitroaniline	9.480	65	194148	42.297	ng	97
49) Acenaphthylene	9.804	152	1082413	40.366	ng	100
50) Dimethylphthalate	9.663	163	772268	42.246	ng	100
51) 2,6-Dinitrotoluene	9.722	165	169971	43.080	ng	99
52) Acenaphthene	9.974	154	716666	43.769	ng	100
53) 3-Nitroaniline	9.892	138	115354	26.768	ng	99
54) 2,4-Dinitrophenol	9.998	184	201837	99.019	ng	93
55) Dibenzofuran	10.151	168	978668	41.535	ng	99
56) 4-Nitrophenol	10.051	139	288407	90.703	ng	99
57) 2,4-Dinitrotoluene	10.127	165	236587	45.916	ng	98
58) Fluorene	10.492	166	731497	40.185	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	199574	42.269	ng	99
60) Diethylphthalate	10.363	149	778235	43.590	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	353935	39.581	ng	100
62) 4-Nitroaniline	10.510	138	172618	44.166	ng	99
63) Azobenzene	10.645	77	646640	40.325	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	132075	50.477	ng	98
66) n-Nitrosodiphenylamine	10.604	169	625355	38.986	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	227003	40.947	ng	99
68) Hexachlorobenzene	11.039	284	259350	42.297	ng	98
69) Atrazine	11.127	200	199511	46.835	ng	100
70) Pentachlorophenol	11.233	266	293992	84.924	ng	99
71) Phenanthrene	11.457	178	1055879	42.140	ng	99
72) Anthracene	11.510	178	1033289	40.407	ng	99
73) Carbazole	11.657	167	950628	43.485	ng	99
74) Di-n-butylphthalate	11.986	149	1042271	43.556	ng	100
75) Fluoranthene	12.645	202	1035557	44.231	ng	99
77) Benzidine	12.763	184	421887	52.842	ng	99
78) Pyrene	12.874	202	980148	48.973	ng	100
80) Butylbenzylphthalate	13.486	149	268182	48.493	ng	99
81) Benzo(a)anthracene	14.062	228	623164	43.497	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	106125	24.423	ng	99
83) Chrysene	14.098	228	540084	41.954	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	319188	45.086	ng	100
85) Di-n-octyl phthalate	14.662	149	580953	41.968	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	812696	47.127	ng	100
88) Benzo(b)fluoranthene	15.121	252	609272	44.816	ng	99
89) Benzo(k)fluoranthene	15.151	252	521543	40.959	ng	99
90) Benzo(a)pyrene	15.498	252	561953	43.852	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	657561	47.014	ng	100
92) Benzo(g,h,i)perylene	17.533	276	664539	47.503	ng	98

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

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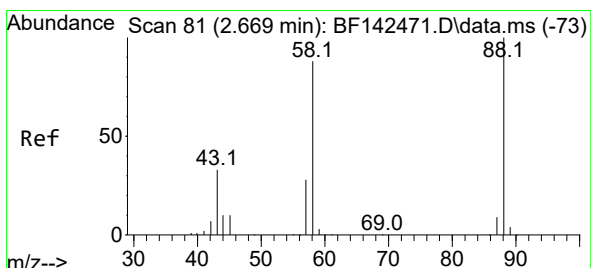
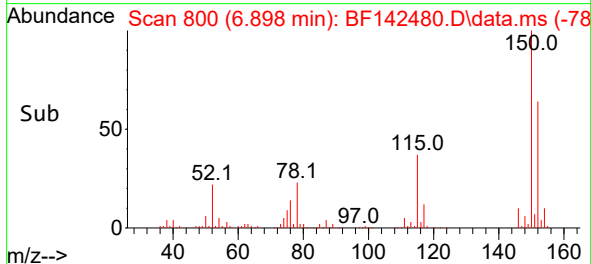
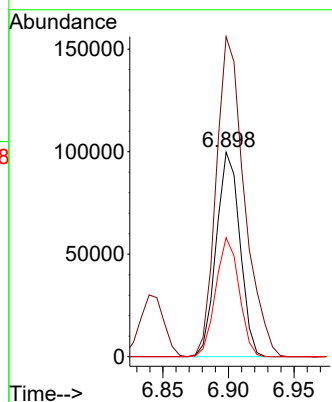
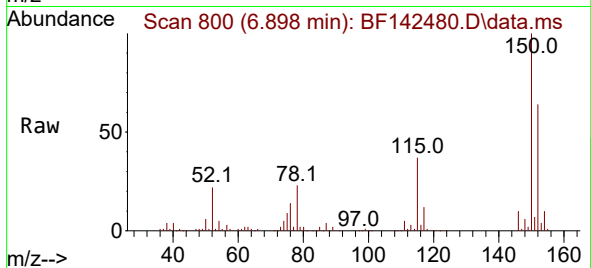




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

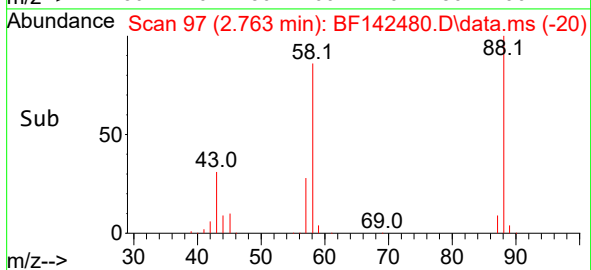
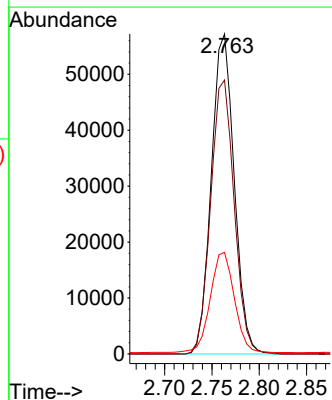
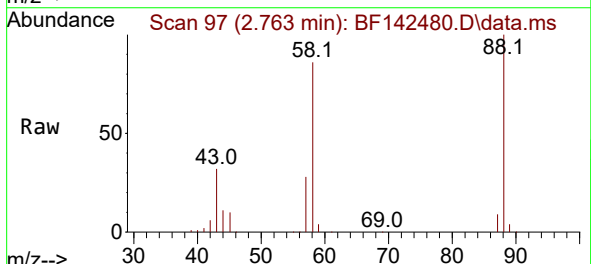
Instrument :
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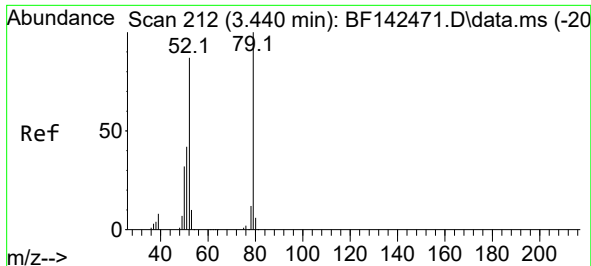
Tgt Ion:152 Resp: 124824
Ion Ratio Lower Upper
152 100
150 156.5 128.2 192.4
115 58.2 48.3 72.5



#2
1,4-Dioxane
Concen: 32.448 ng
RT: 2.763 min Scan# 97
Delta R.T. 0.100 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

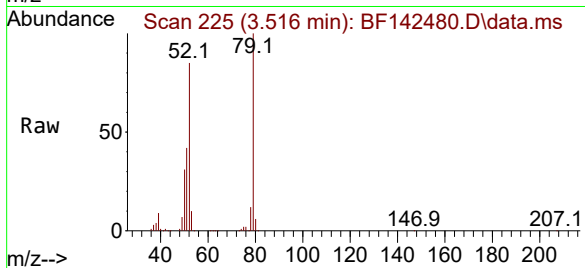
Tgt Ion: 88 Resp: 96201
Ion Ratio Lower Upper
88 100
58 88.1 70.8 106.2
43 33.0 26.6 40.0



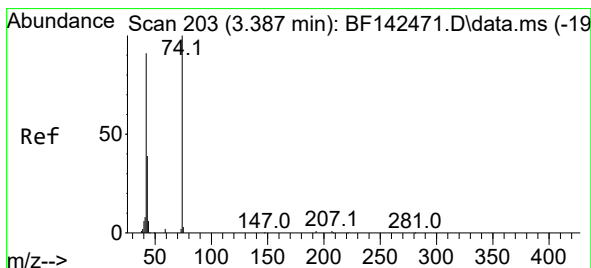
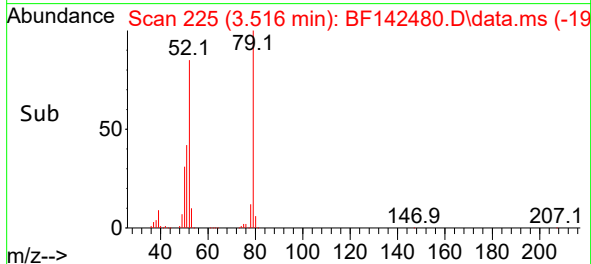
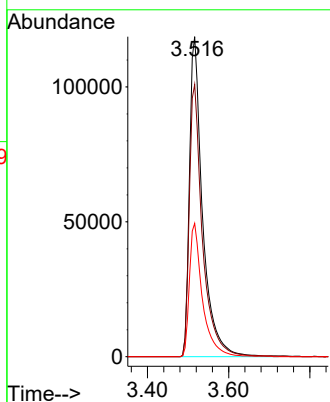


#3
Pyridine
Concen: 35.306 ng
RT: 3.516 min Scan# 212
Delta R.T. 0.076 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

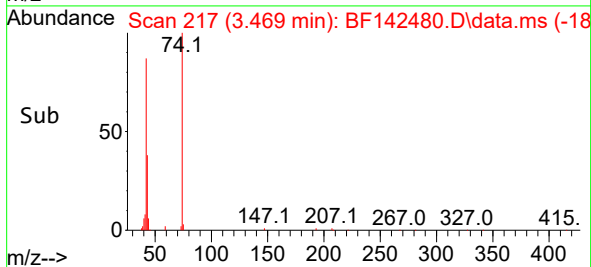
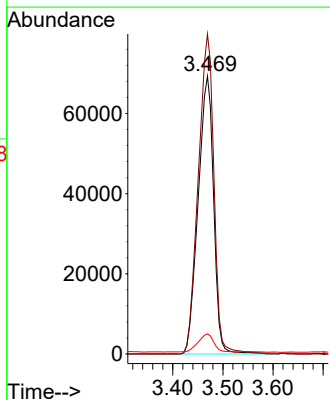
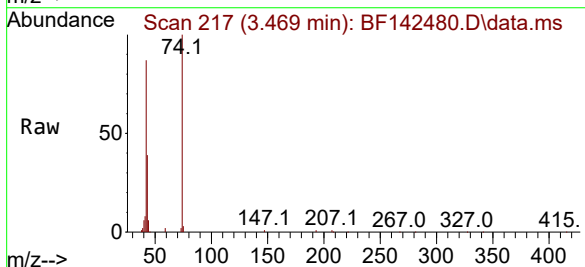


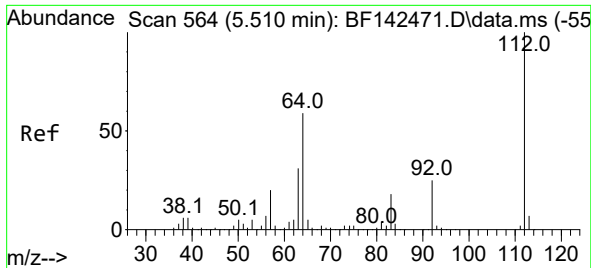
Tgt Ion: 79 Resp: 266558
Ion Ratio Lower Upper
79 100
52 85.1 69.2 103.8
51 41.6 33.3 49.9



#4
n-Nitrosodimethylamine
Concen: 37.899 ng
RT: 3.469 min Scan# 217
Delta R.T. 0.065 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion: 42 Resp: 148567
Ion Ratio Lower Upper
42 100
74 115.2 88.2 132.4
44 7.3 5.4 8.2

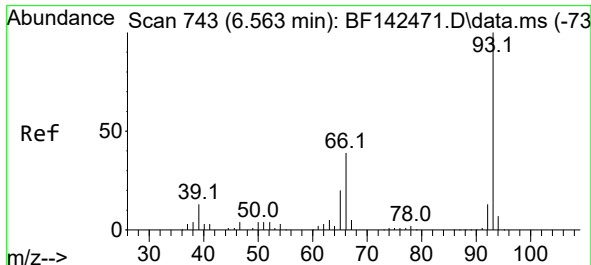
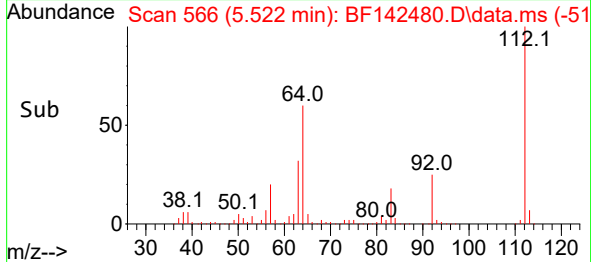
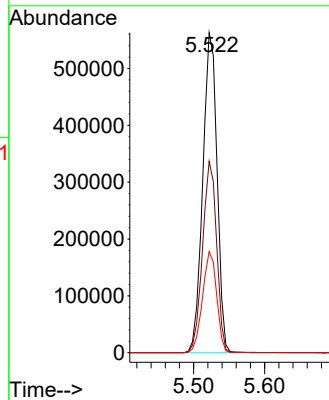
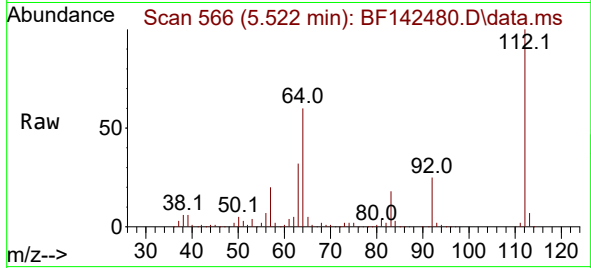




#5
2-Fluorophenol
Concen: 106.578 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

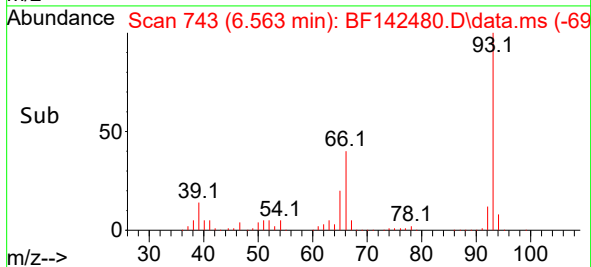
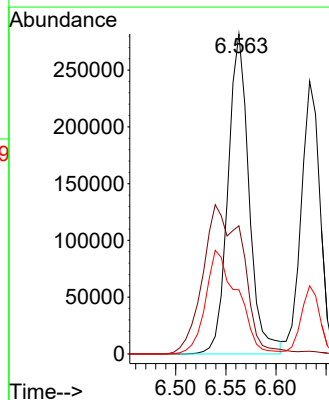
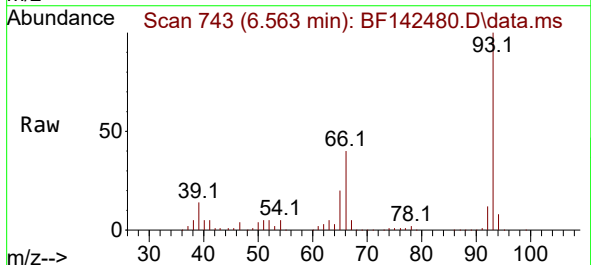
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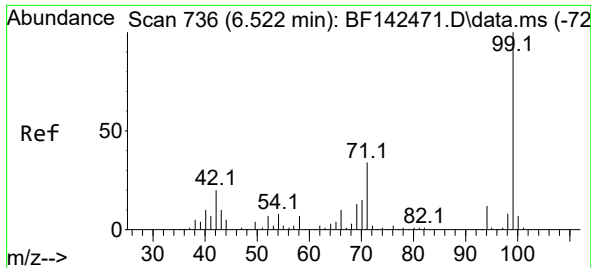
Tgt Ion:112 Resp: 789637
Ion Ratio Lower Upper
112 100
64 59.8 47.5 71.3
63 31.6 24.9 37.3



#6
Aniline
Concen: 34.298 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion: 93 Resp: 411299
Ion Ratio Lower Upper
93 100
66 40.1 32.0 48.0
65 20.1 16.1 24.1

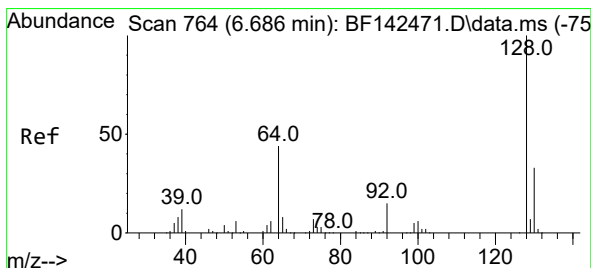
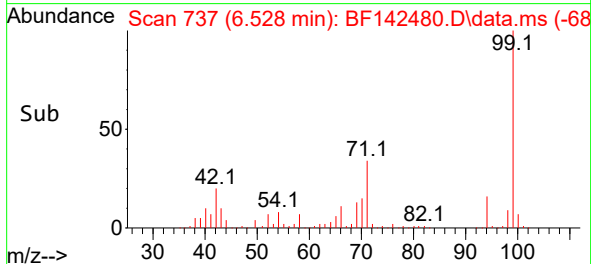
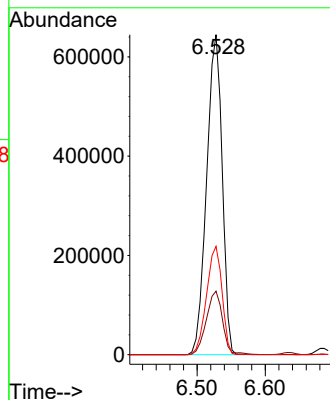
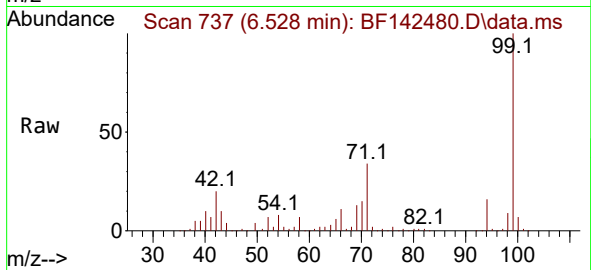




#7
Phenol-d6
Concen: 114.723 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

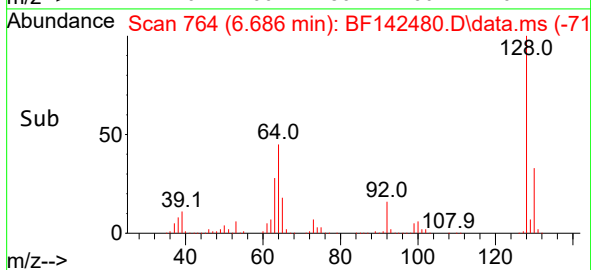
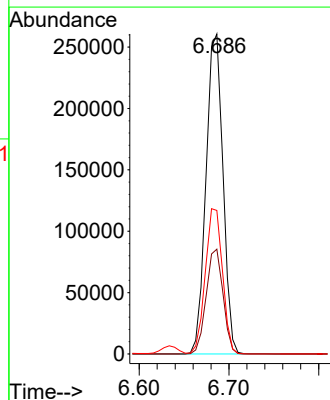
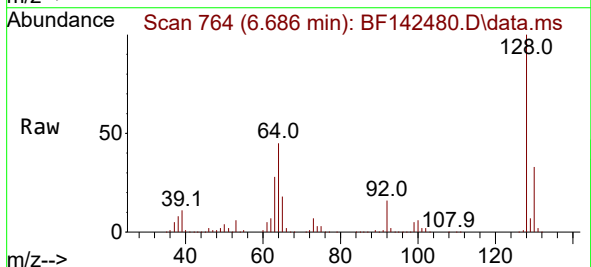
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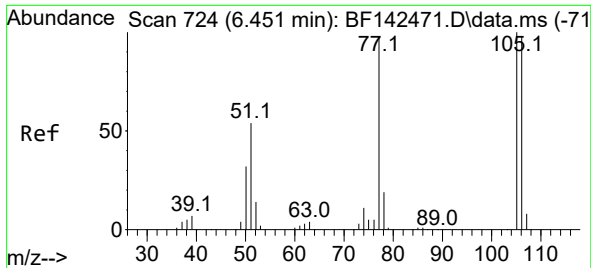
Tgt Ion: 99 Resp: 1023184
Ion Ratio Lower Upper
99 100
42 19.8 16.2 24.2
71 33.9 27.3 40.9



#8
2-Chlorophenol
Concen: 42.446 ng
RT: 6.686 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:128 Resp: 342541
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 44.8 25.1 65.1





#9

Benzaldehyde

Concen: 35.916 ng

RT: 6.451 min Scan# 724

Delta R.T. -0.000 min

Lab File: BF142480.D

Acq: 21 May 2025 11:37

Instrument :

BNA_F

ClientSampleId :

PB168083BS

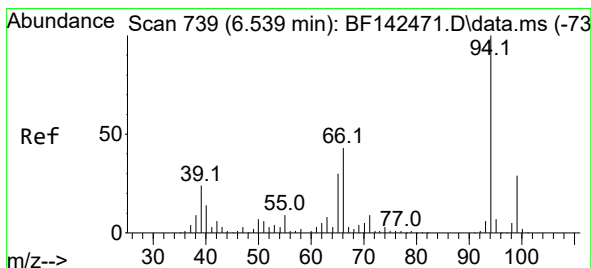
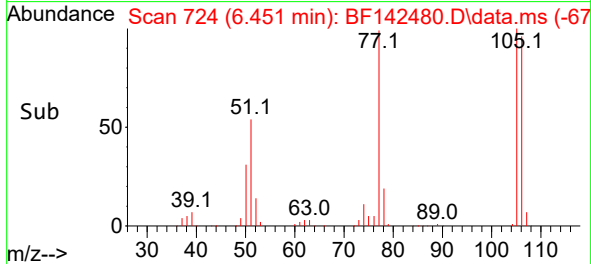
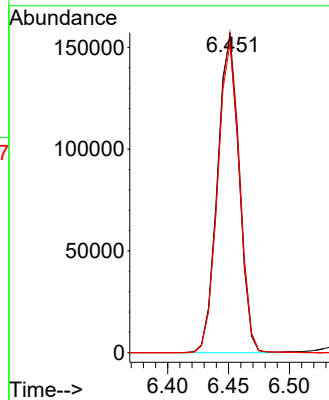
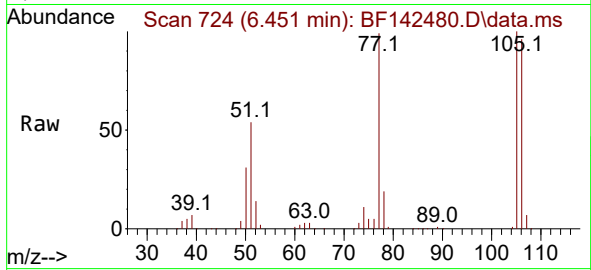
Tgt Ion: 77 Resp: 192665

Ion Ratio Lower Upper

77 100

105 101.5 82.5 122.5

106 97.9 80.0 120.0



#10

Phenol

Concen: 41.639 ng

RT: 6.539 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF142480.D

Acq: 21 May 2025 11:37

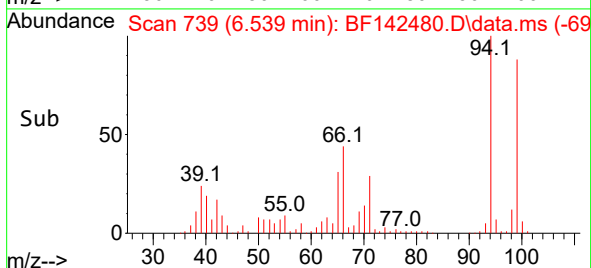
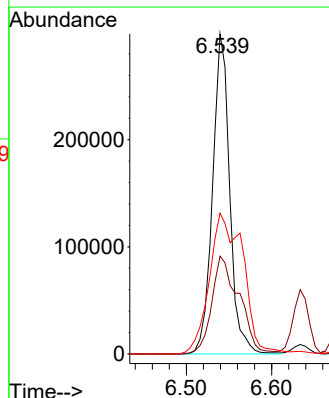
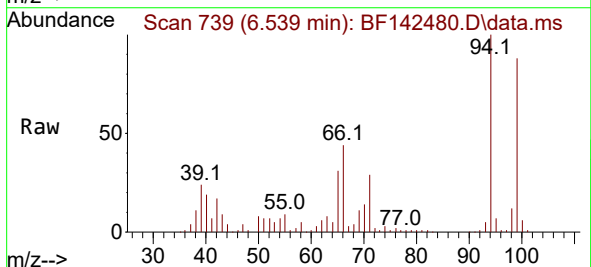
Tgt Ion: 94 Resp: 417865

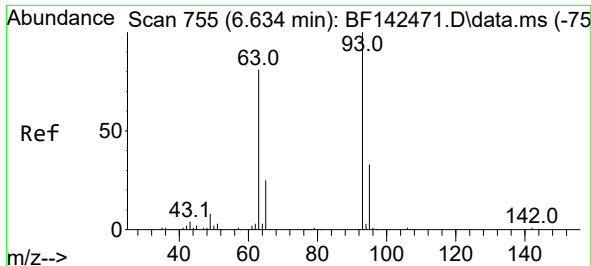
Ion Ratio Lower Upper

94 100

65 30.6 10.3 50.3

66 44.0 22.6 62.6

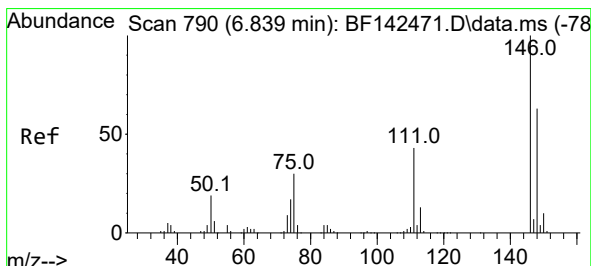
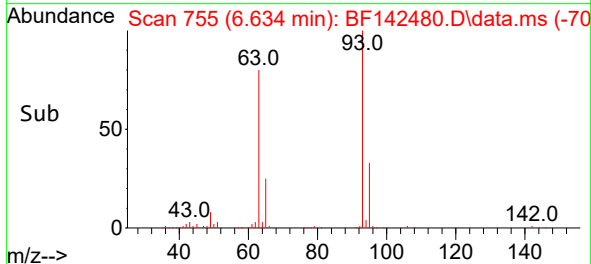
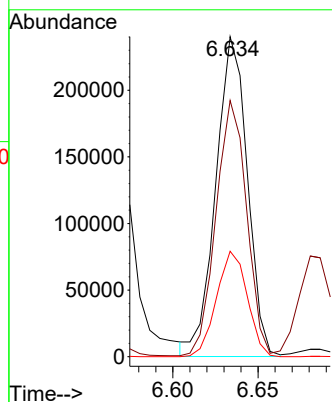
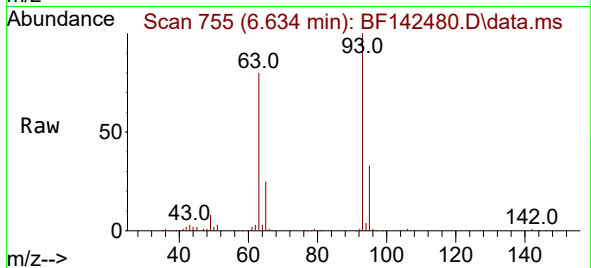




#11
bis(2-Chloroethyl)ether
Concen: 42.881 ng
RT: 6.634 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

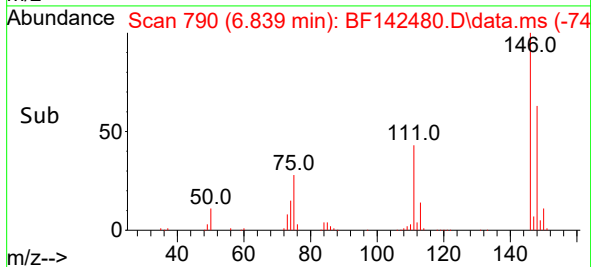
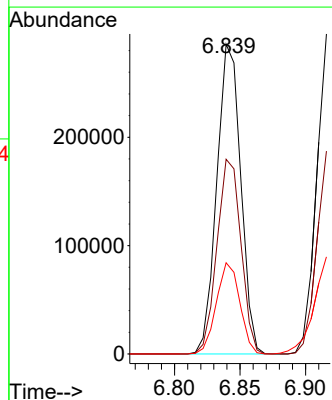
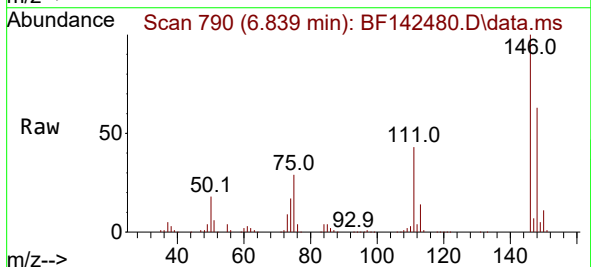
Instrument :
BNA_F
ClientSampleId :
PB168083BS

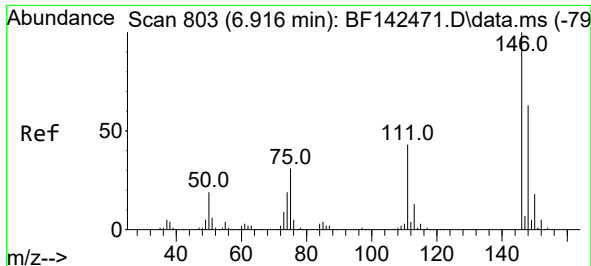
Tgt Ion: 93 Resp: 309767
Ion Ratio Lower Upper
93 100
63 80.1 60.2 100.2
95 32.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 40.249 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:146 Resp: 362444
Ion Ratio Lower Upper
146 100
148 62.9 50.6 75.8
75 29.4 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 40.813 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142480.D

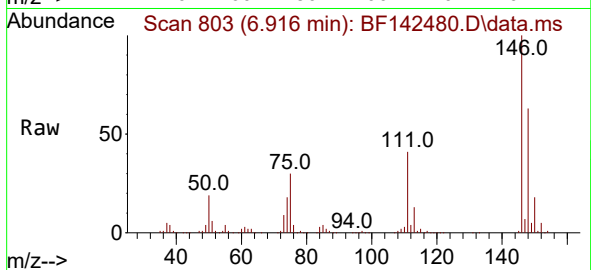
Acq: 21 May 2025 11:37

Instrument :

BNA_F

ClientSampleId :

PB168083BS



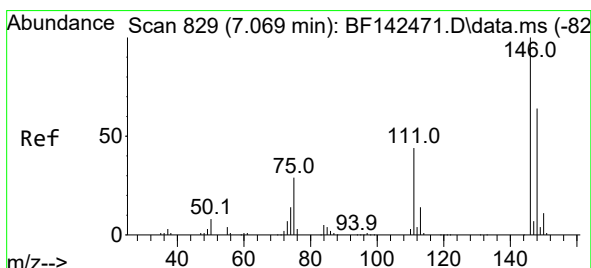
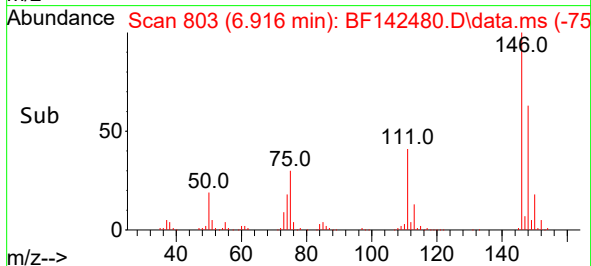
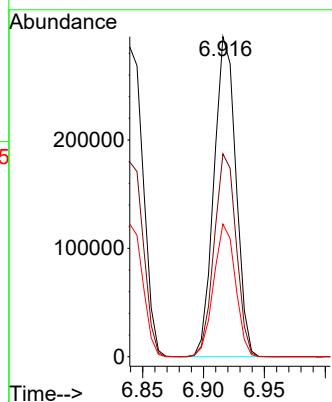
Tgt Ion:146 Resp: 370203

Ion	Ratio	Lower	Upper
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146	100		
-----	-----	--	--

148	63.4	50.4	75.6
-----	------	------	------

111	41.4	34.1	51.1
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#14

1,2-Dichlorobenzene

Concen: 40.950 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142480.D

Acq: 21 May 2025 11:37

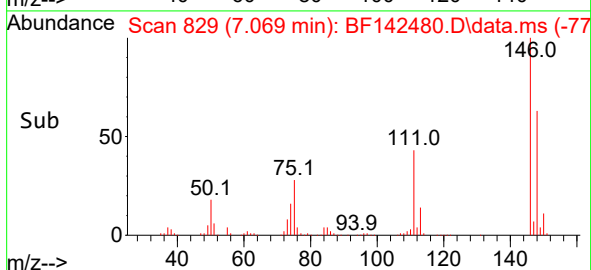
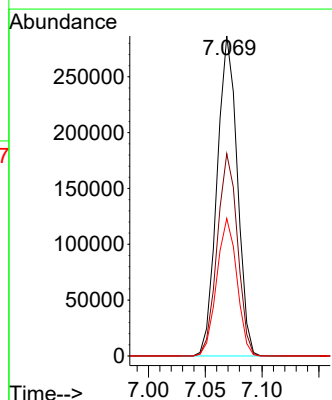
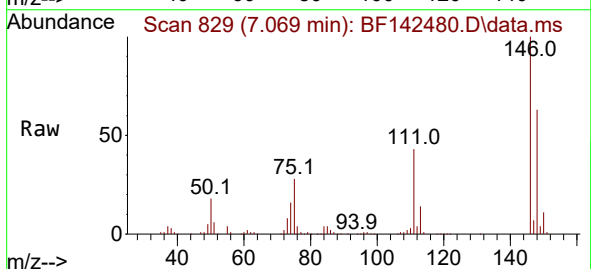
Tgt Ion:146 Resp: 355431

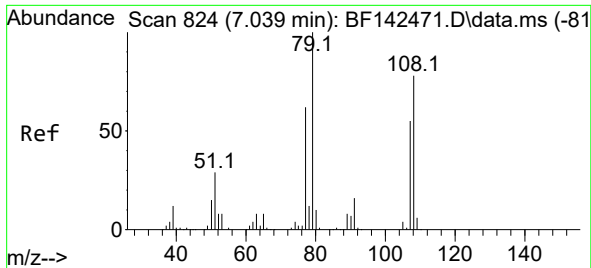
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

146	100		
-----	-----	--	--

148	63.2	51.0	76.4
-----	------	------	------

111	42.9	35.0	52.6
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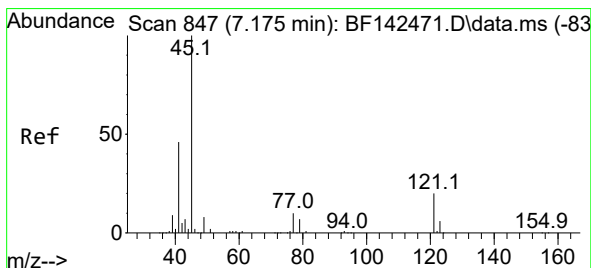
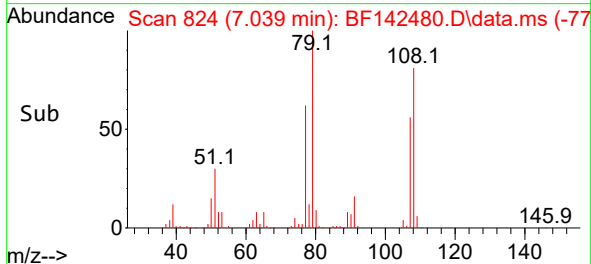
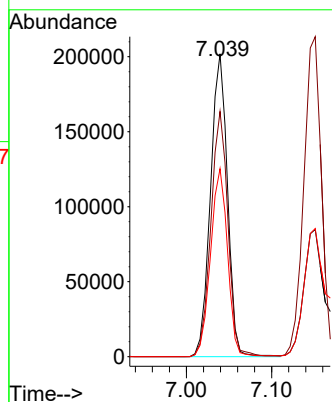
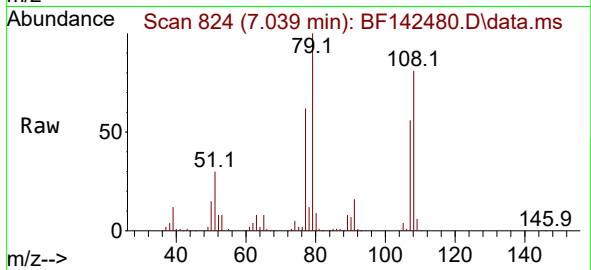




#15
Benzyl Alcohol
Concen: 42.387 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

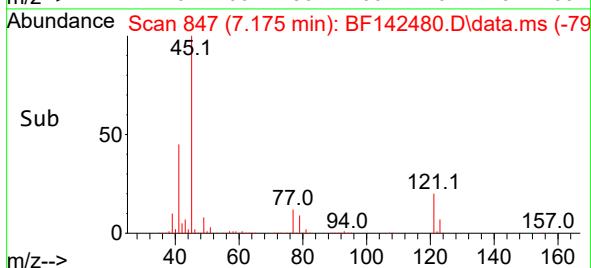
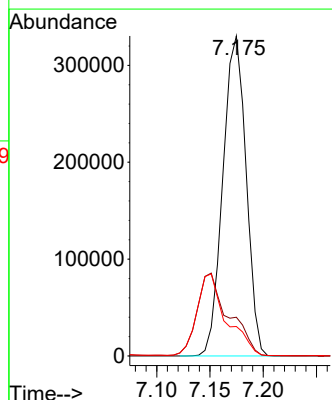
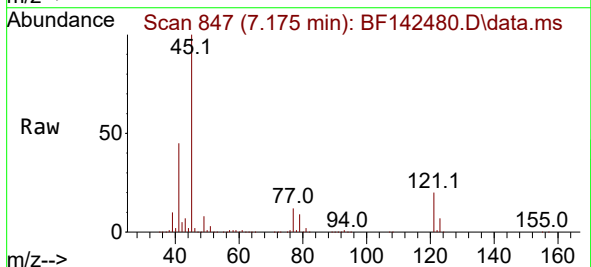
Instrument :
BNA_F
ClientSampleId :
PB168083BS

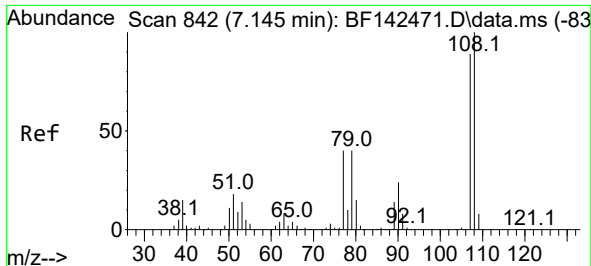
Tgt Ion: 79 Resp: 279366
Ion Ratio Lower Upper
79 100
108 81.0 62.1 93.1
77 62.1 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.266 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion: 45 Resp: 500612
Ion Ratio Lower Upper
45 100
77 12.1 0.0 32.0
79 9.2 0.0 29.2

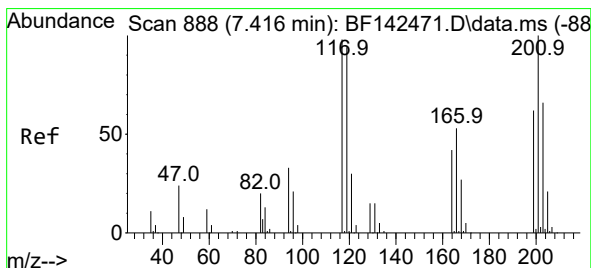
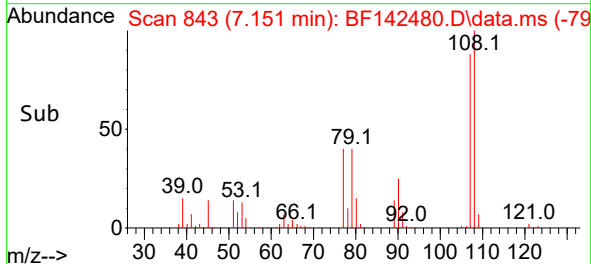
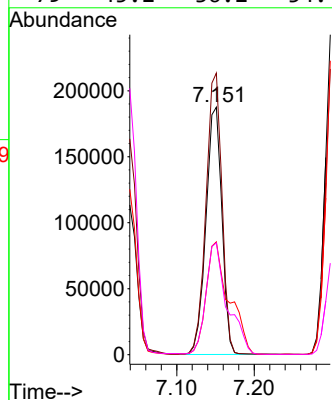
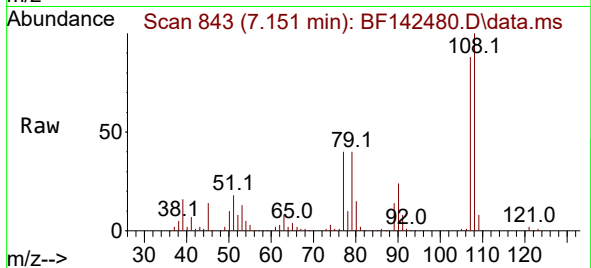




#17
2-Methylphenol
Concen: 42.571 ng
RT: 7.151 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

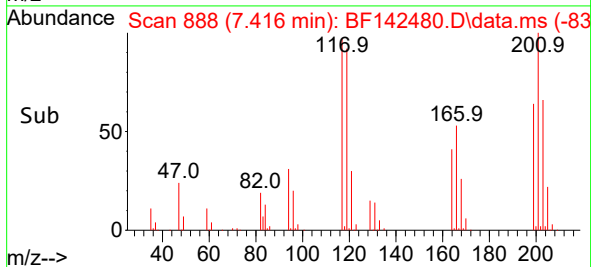
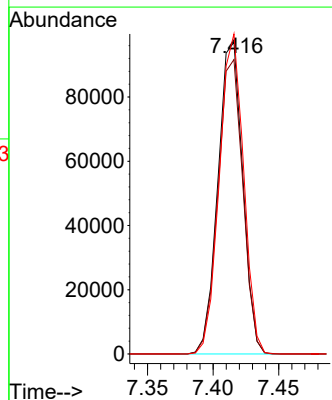
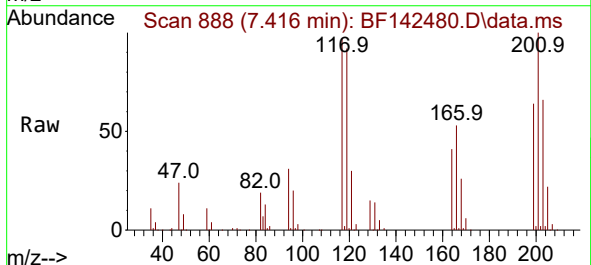
Instrument :
BNA_F
ClientSampleId :
PB168083BS

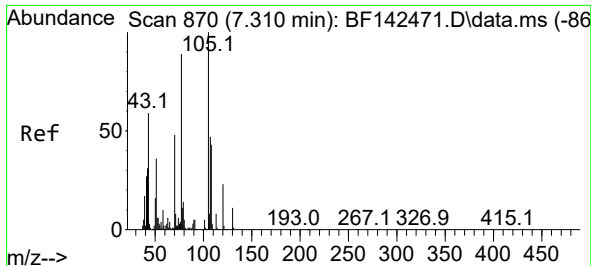
Tgt Ion:107 Resp: 268227
Ion Ratio Lower Upper
107 100
108 113.7 90.2 135.2
77 45.6 36.1 54.1
79 45.2 36.2 54.4



#18
Hexachloroethane
Concen: 40.280 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:117 Resp: 127582
Ion Ratio Lower Upper
117 100
119 94.4 76.6 114.8
201 102.6 81.3 121.9

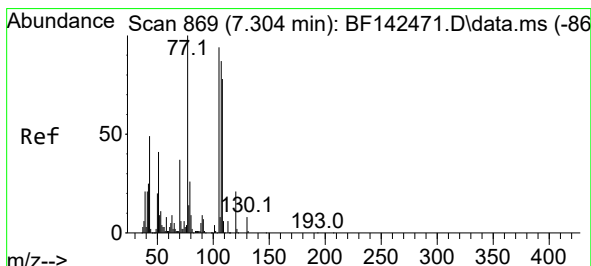
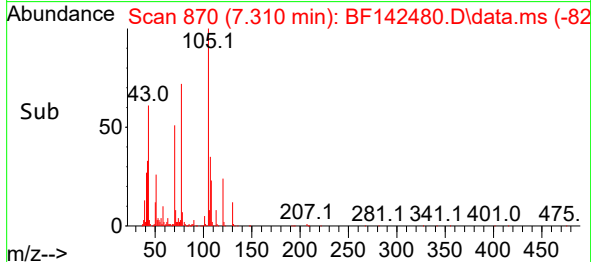
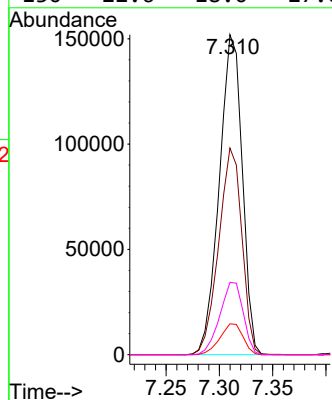
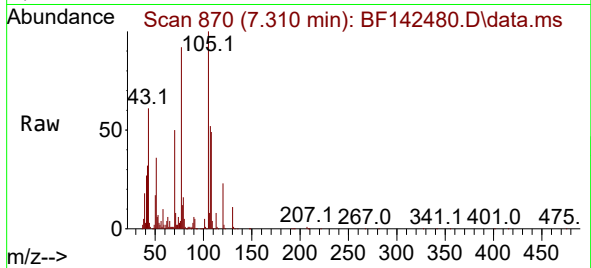




#19
n-Nitroso-di-n-propylamine
Concen: 41.189 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

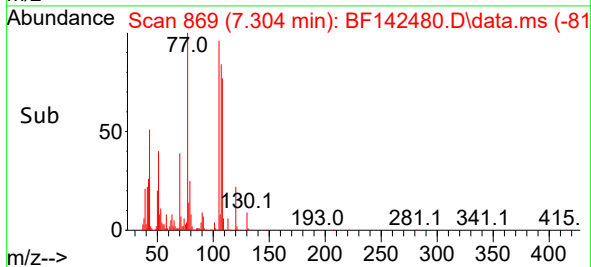
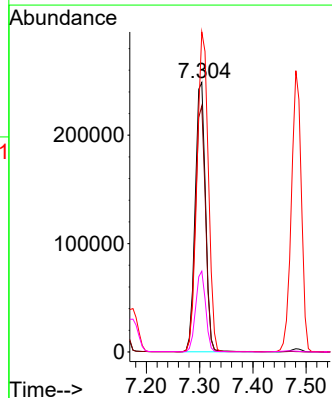
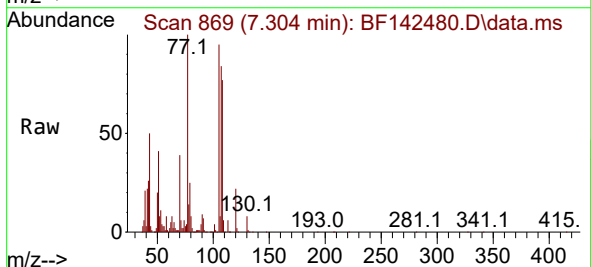
Instrument :
BNA_F
ClientSampleId :
PB168083BS

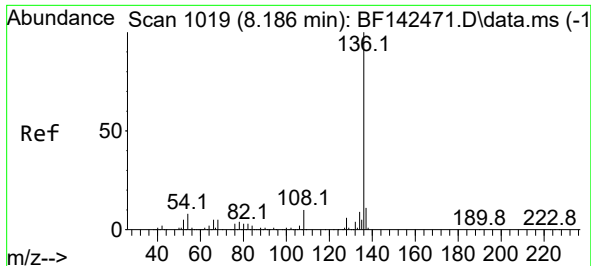
Tgt Ion: 70 Resp: 227666
Ion Ratio Lower Upper
70 100
42 64.6 52.4 78.6
101 9.7 7.8 11.8
130 22.6 18.0 27.0



#20
3+4-Methylphenols
Concen: 41.445 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion: 107 Resp: 334399
Ion Ratio Lower Upper
107 100
108 91.3 70.4 110.4
77 118.8 95.4 135.4
79 30.0 9.9 49.9

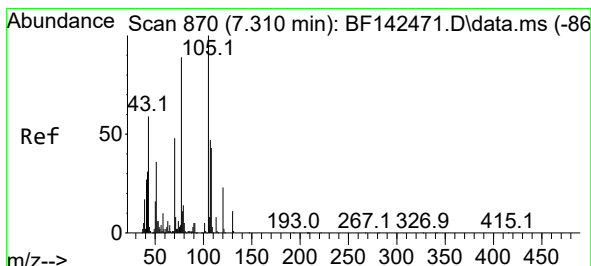
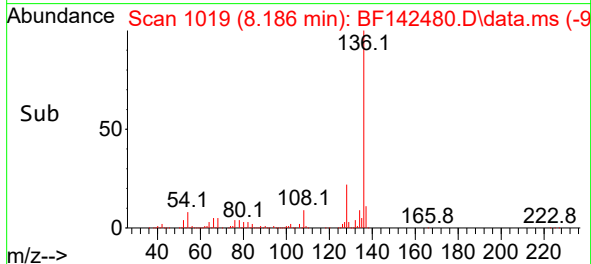
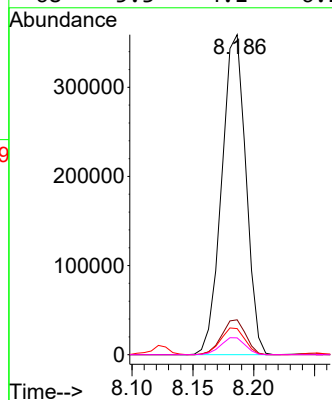
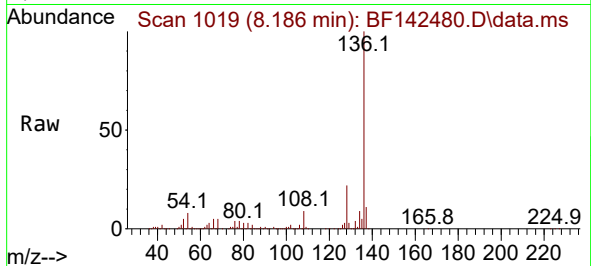




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

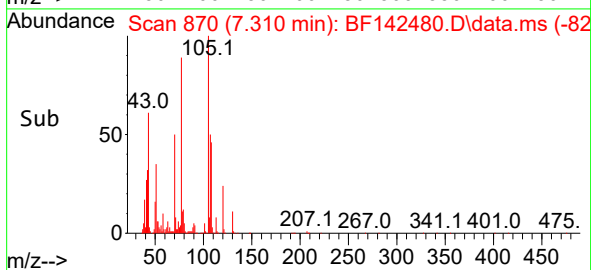
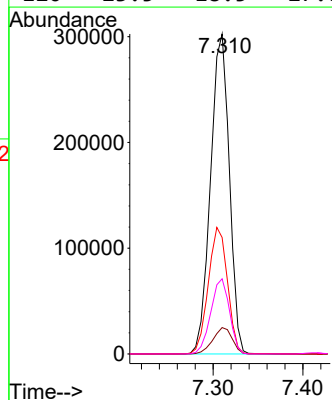
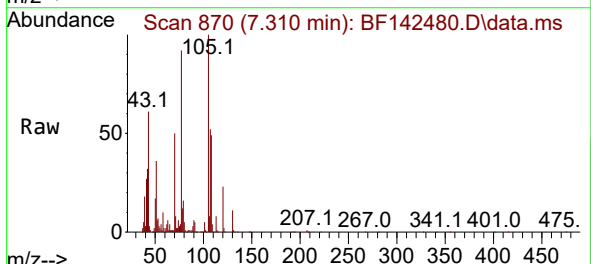
Instrument :
BNA_F
ClientSampleId :
PB168083BS

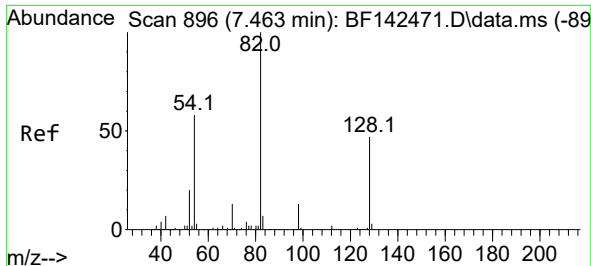
Tgt Ion:136 Resp: 495438
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.2 6.6 10.0
68 5.3 4.1 6.1



#22
Acetophenone
Concen: 40.084 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:105 Resp: 439615
Ion Ratio Lower Upper
105 100
71 8.2 6.4 9.6
51 36.4 28.6 42.8
120 23.5 18.5 27.7





#23

Nitrobenzene-d5

Concen: 69.364 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142480.D

Acq: 21 May 2025 11:37

Instrument :

BNA_F

ClientSampleId :

PB168083BS

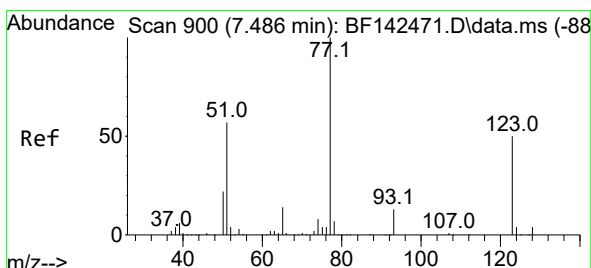
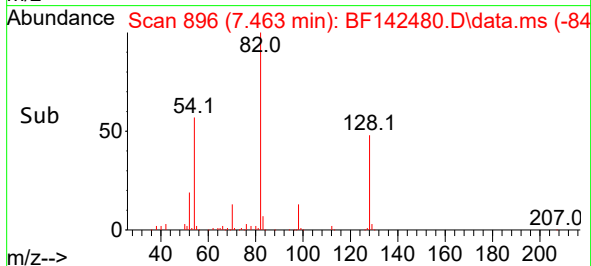
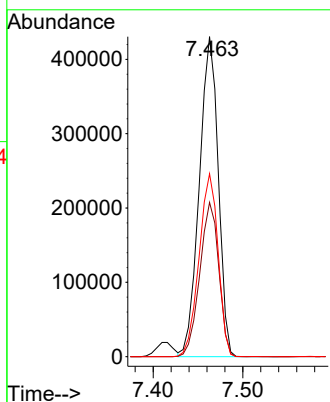
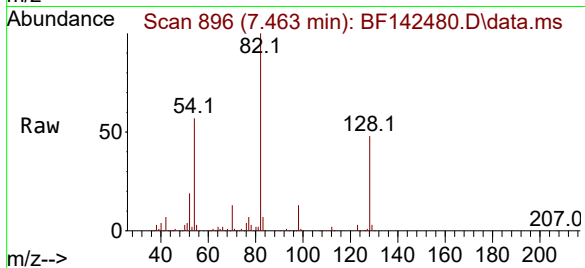
Tgt Ion: 82 Resp: 630226

Ion Ratio Lower Upper

82 100

128 48.2 37.4 56.2

54 57.2 46.6 70.0



#24

Nitrobenzene

Concen: 41.149 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142480.D

Acq: 21 May 2025 11:37

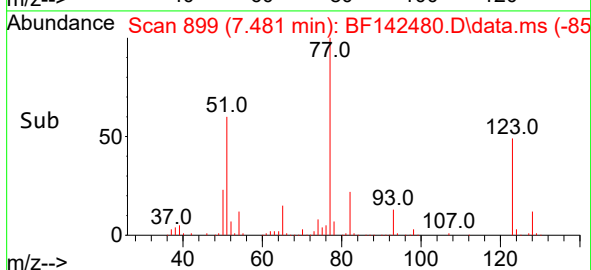
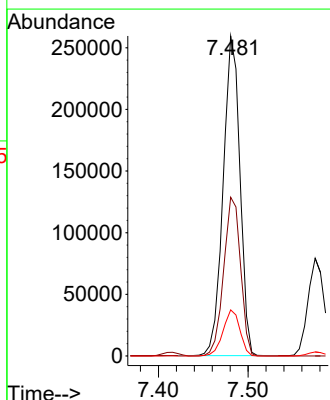
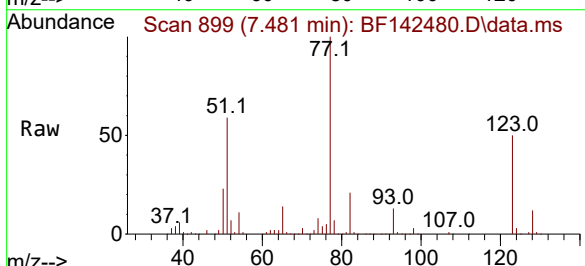
Tgt Ion: 77 Resp: 337199

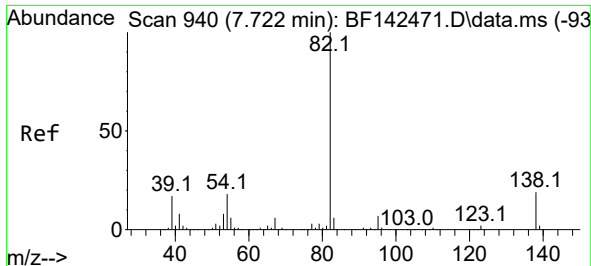
Ion Ratio Lower Upper

77 100

123 49.6 40.6 61.0

65 14.4 11.4 17.2

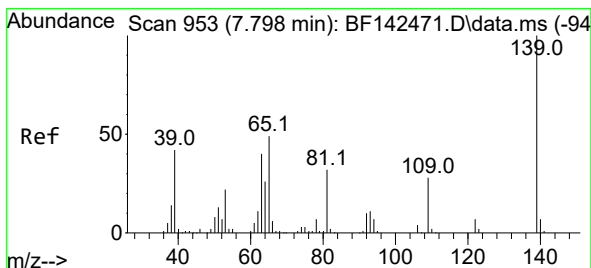
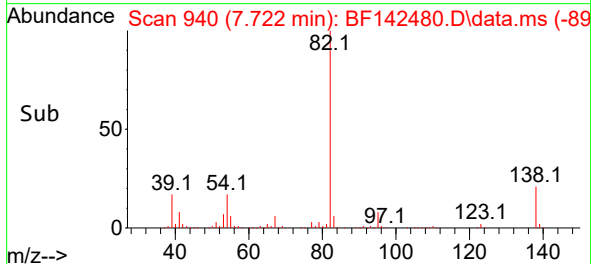
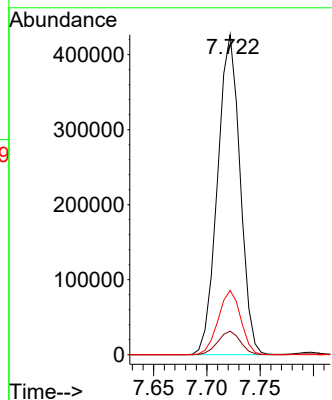
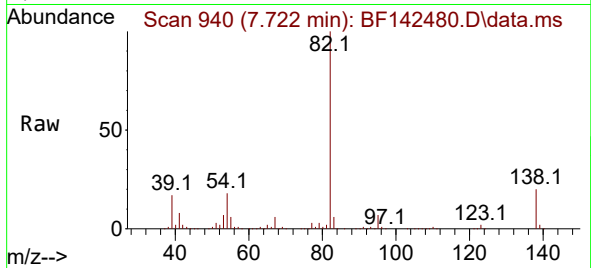




#25
Isophorone
Concen: 41.224 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

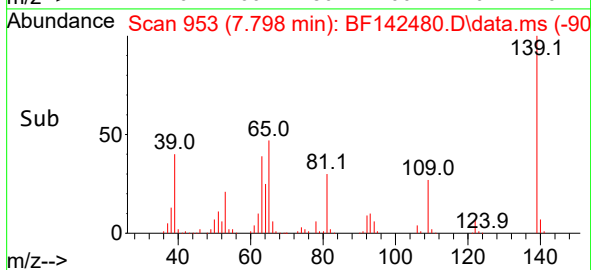
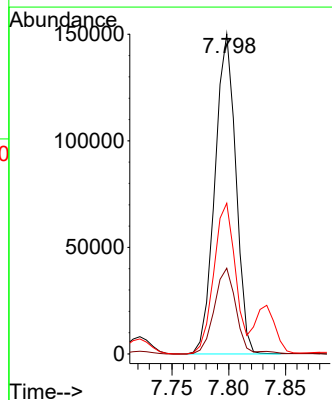
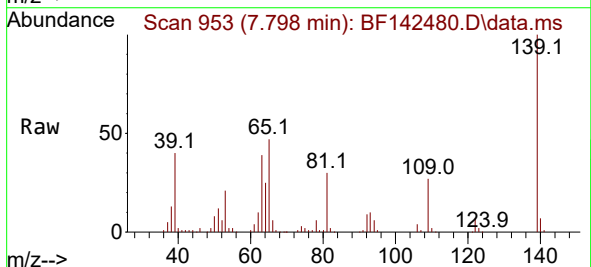
Instrument :
BNA_F
ClientSampleId :
PB168083BS

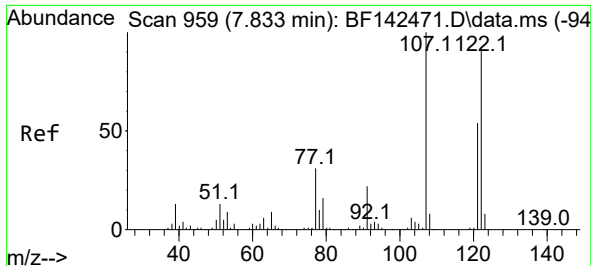
Tgt Ion: 82 Resp: 626222
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 20.1 15.5 23.3



#26
2-Nitrophenol
Concen: 44.001 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:139 Resp: 192665
Ion Ratio Lower Upper
139 100
109 26.8 22.6 33.8
65 47.1 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 42.710 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142480.D

Acq: 21 May 2025 11:37

Instrument :

BNA_F

ClientSampleId :

PB168083BS

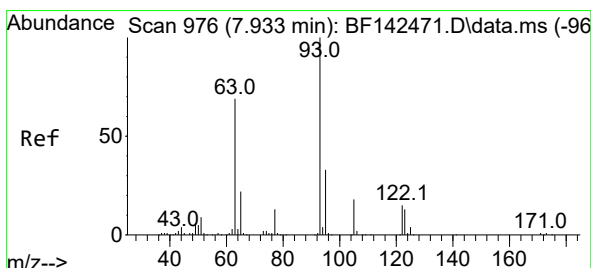
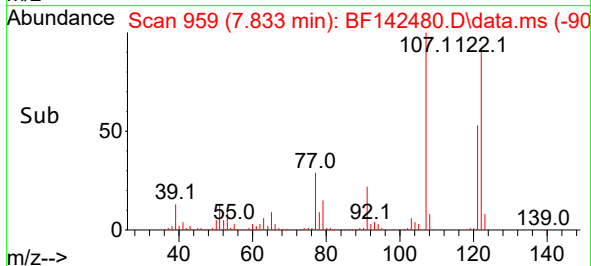
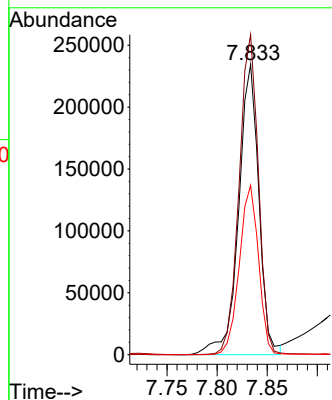
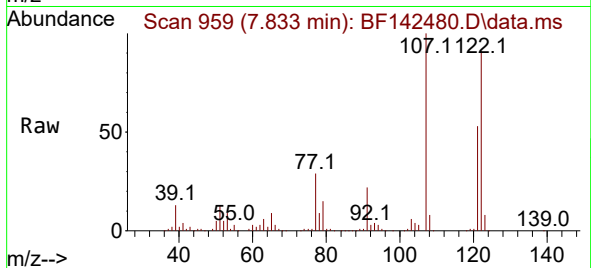
Tgt Ion:122 Resp: 329798

Ion Ratio Lower Upper

122 100

107 110.3 88.1 132.1

121 58.3 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 40.438 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142480.D

Acq: 21 May 2025 11:37

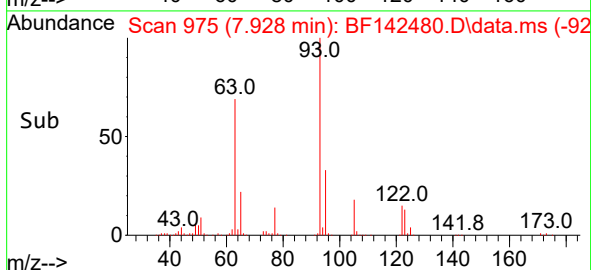
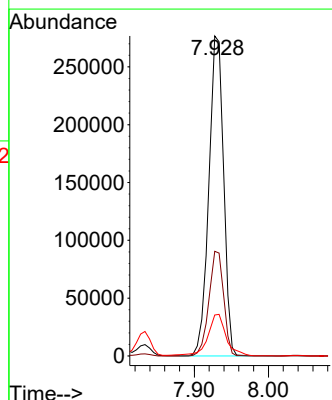
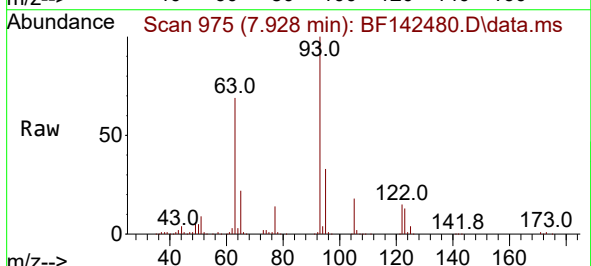
Tgt Ion: 93 Resp: 383733

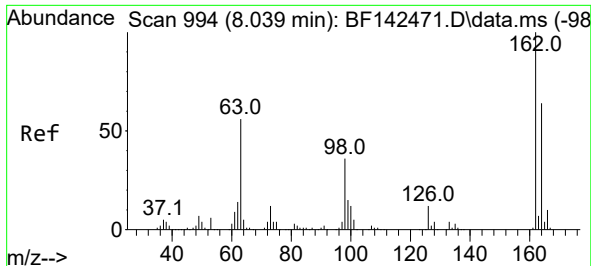
Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

123 12.8 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 42.499 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142480.D

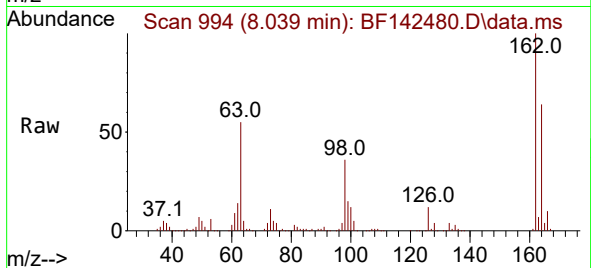
Acq: 21 May 2025 11:37

Instrument :

BNA_F

ClientSampleId :

PB168083BS



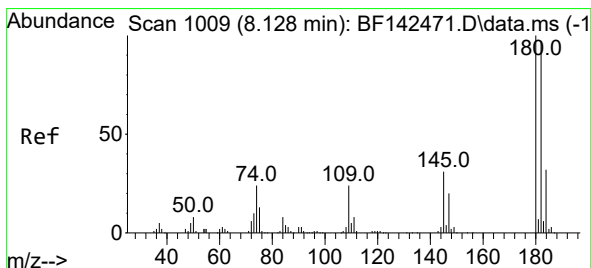
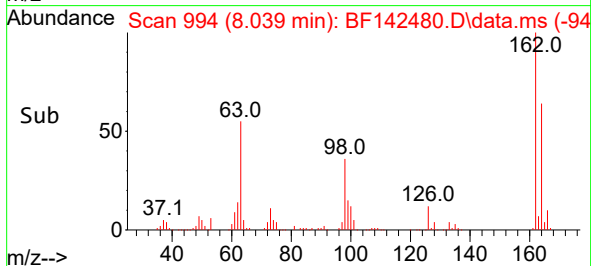
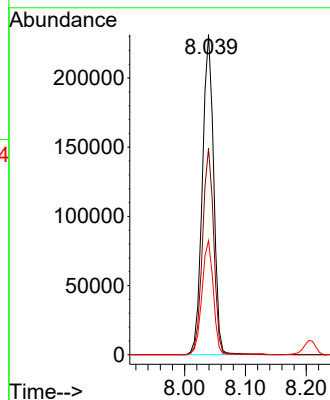
Tgt Ion:162 Resp: 298440

Ion Ratio Lower Upper

162 100

164 64.5 43.7 83.7

98 35.7 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 40.804 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142480.D

Acq: 21 May 2025 11:37

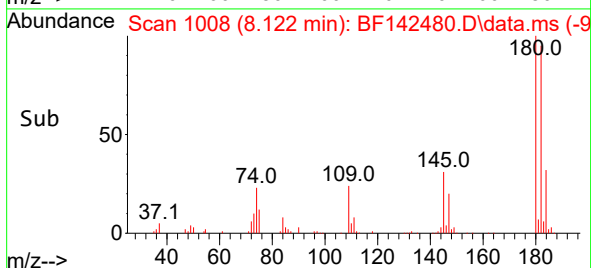
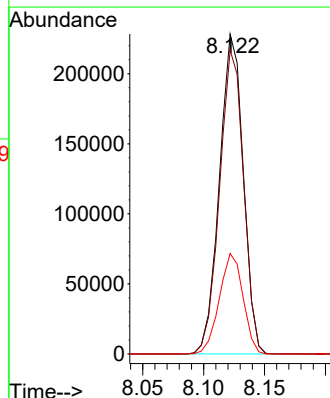
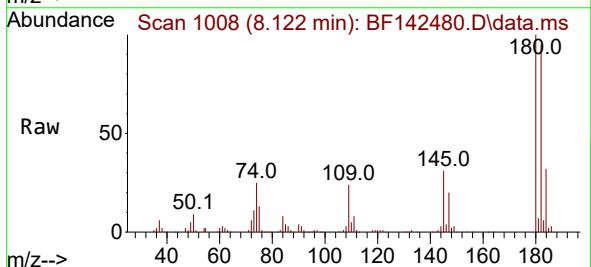
Tgt Ion:180 Resp: 310974

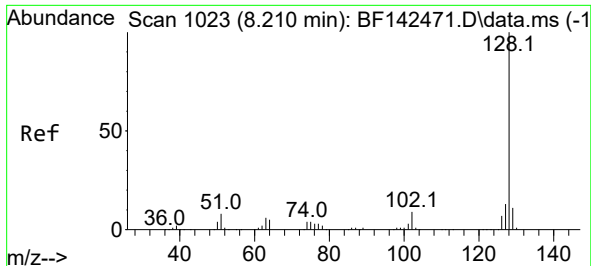
Ion Ratio Lower Upper

180 100

182 95.0 78.0 117.0

145 31.4 25.0 37.6

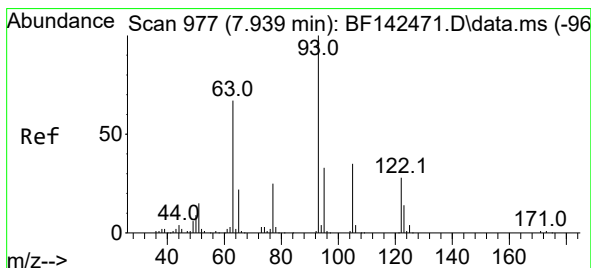
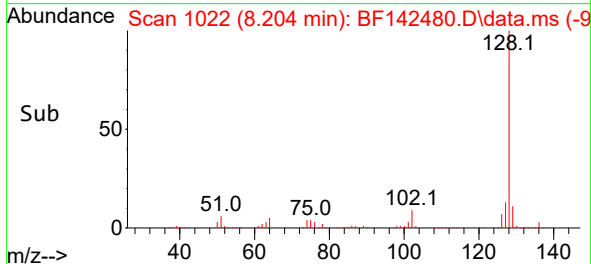
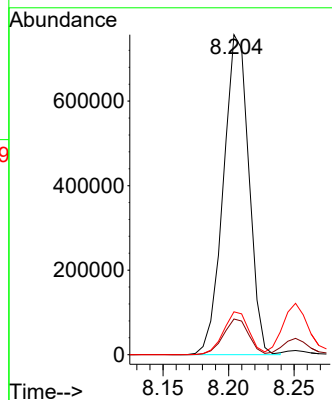
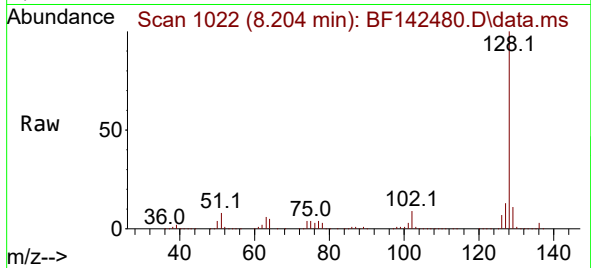




#31
Naphthalene
Concen: 41.950 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

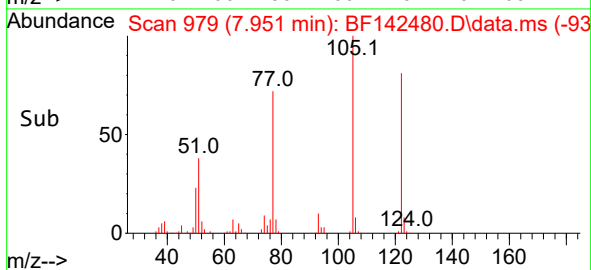
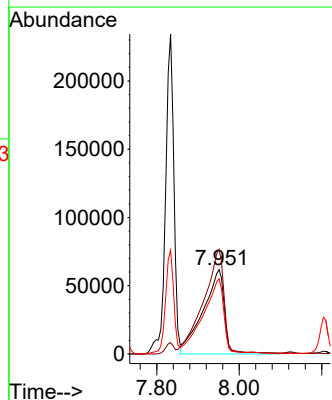
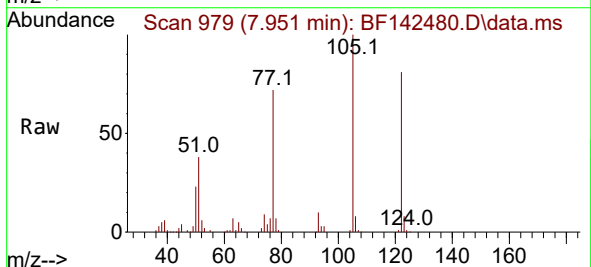
Instrument :
BNA_F
ClientSampleId :
PB168083BS

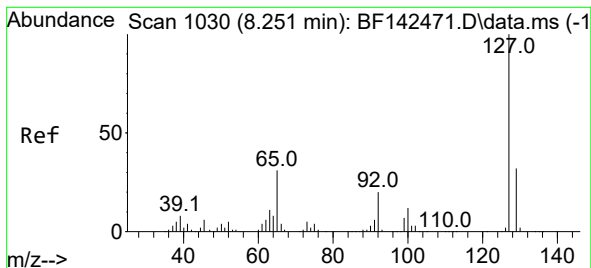
Tgt Ion:128 Resp: 1023370
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 47.620 ng m
RT: 7.951 min Scan# 979
Delta R.T. -0.024 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:122 Resp: 223837
Ion Ratio Lower Upper
122 100
105 124.1 101.7 141.7
77 89.2 69.5 109.5





#33

4-Chloroaniline

Concen: 19.138 ng m

RT: 8.251 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF142480.D

Acq: 21 May 2025 11:37

Instrument :

BNA_F

ClientSampleId :

PB168083BS

Tgt Ion:127 Resp: 189181

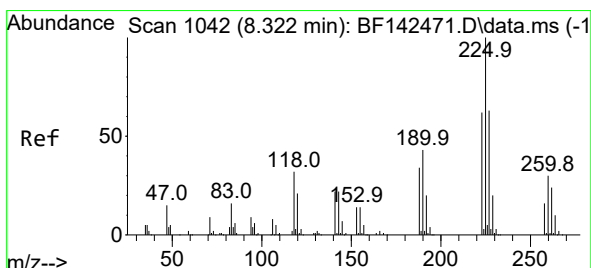
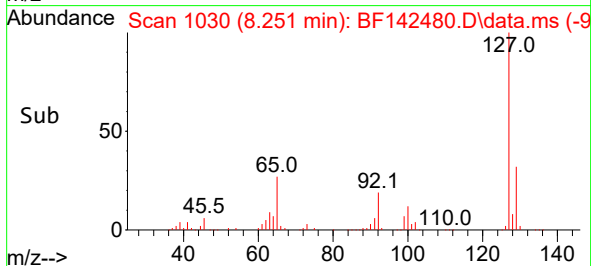
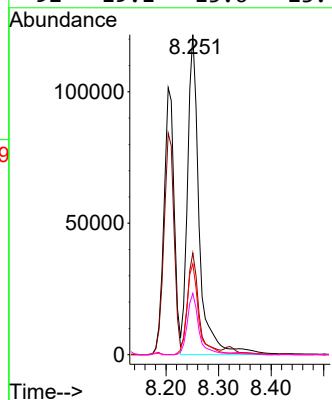
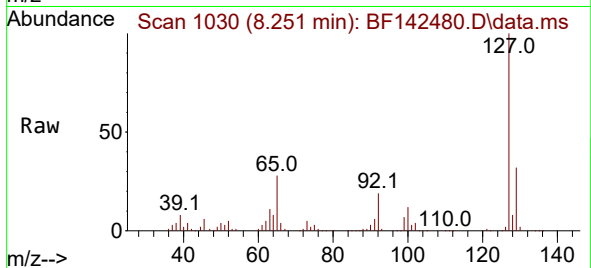
Ion Ratio Lower Upper

127 100

129 31.8 26.1 39.1

65 28.4 24.9 37.3

92 19.1 15.6 23.4



#34

Hexachlorobutadiene

Concen: 39.483 ng

RT: 8.322 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF142480.D

Acq: 21 May 2025 11:37

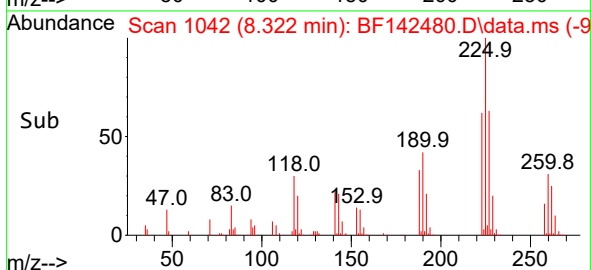
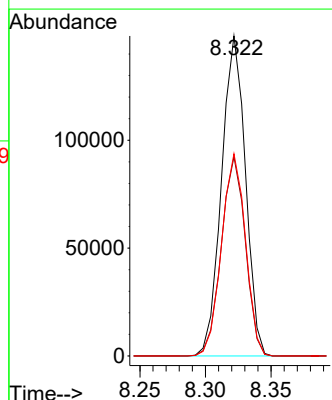
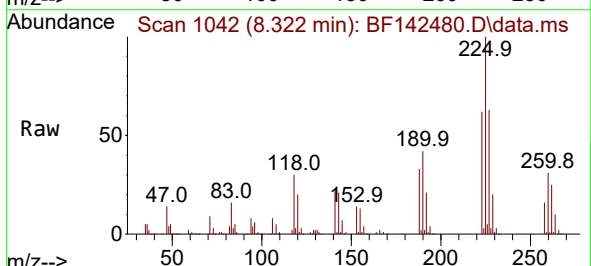
Tgt Ion:225 Resp: 187885

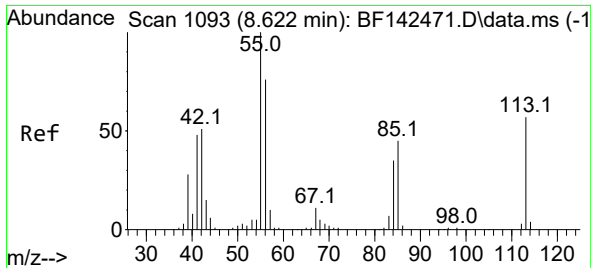
Ion Ratio Lower Upper

225 100

223 62.2 49.7 74.5

227 63.2 50.3 75.5

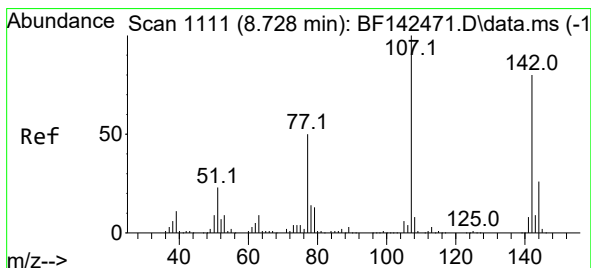
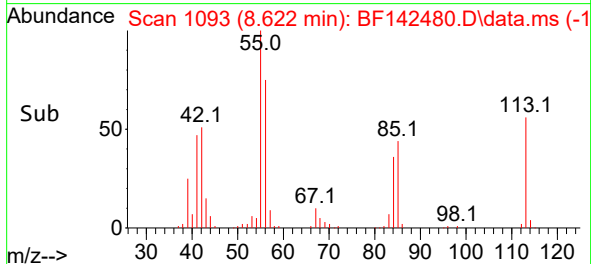
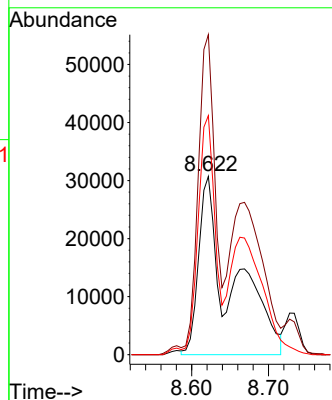
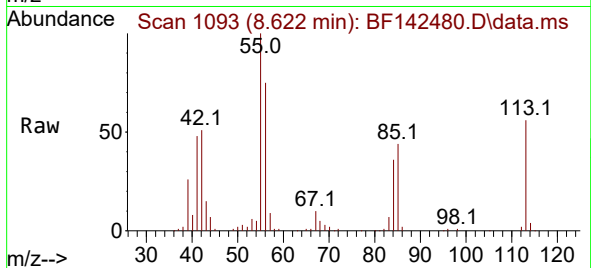




#35
 Caprolactam
 Concen: 46.005 ng m
 RT: 8.622 min Scan# 1093
 Delta R.T. -0.024 min
 Lab File: BF142480.D
 Acq: 21 May 2025 11:37

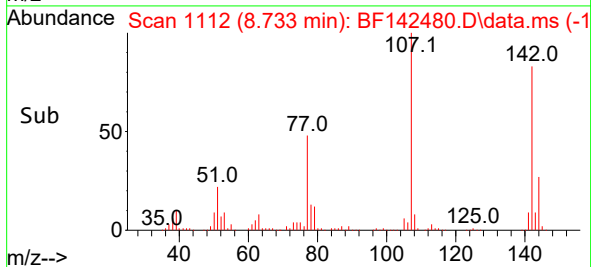
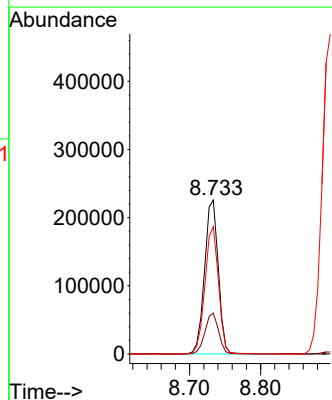
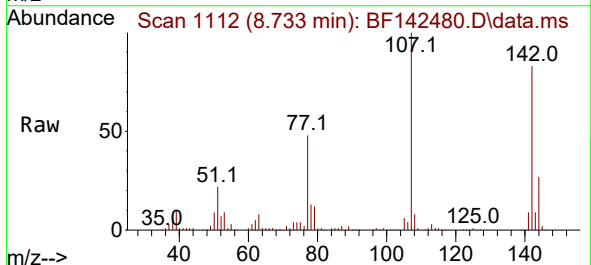
Instrument :
 BNA_F
 ClientSampleId :
 PB168083BS

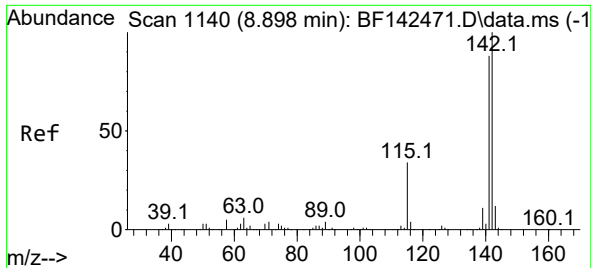
Tgt Ion:113 Resp: 90734
 Ion Ratio Lower Upper
 113 100
 55 179.5 154.7 194.7
 56 134.1 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 42.286 ng
 RT: 8.733 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF142480.D
 Acq: 21 May 2025 11:37

Tgt Ion:107 Resp: 304323
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.9 31.3
 142 82.6 64.2 96.2

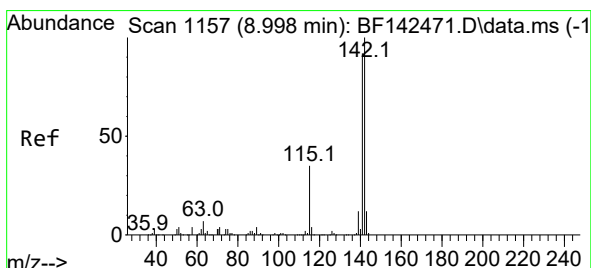
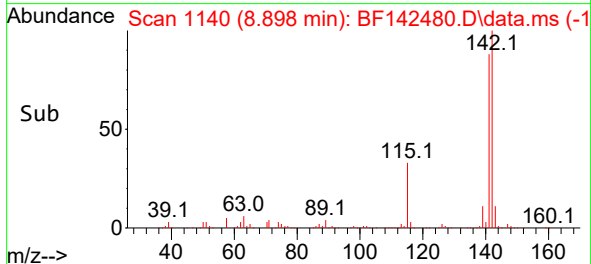
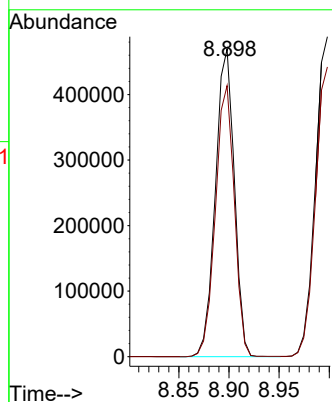
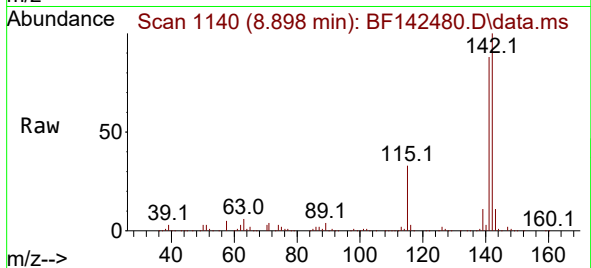




#37
2-Methylnaphthalene
Concen: 40.049 ng
RT: 8.898 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

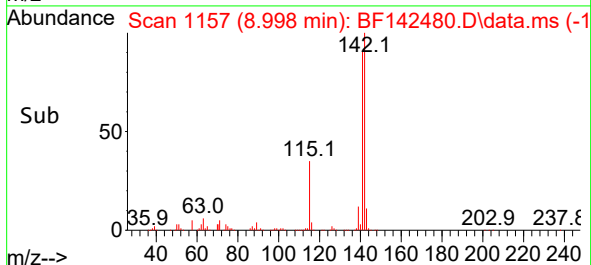
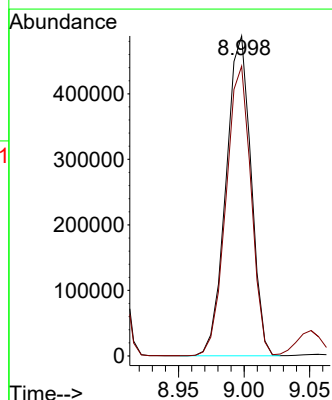
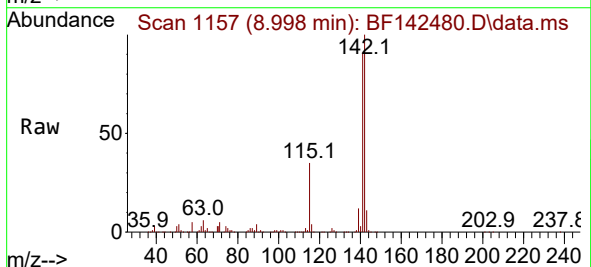
Instrument :
BNA_F
ClientSampleId :
PB168083BS

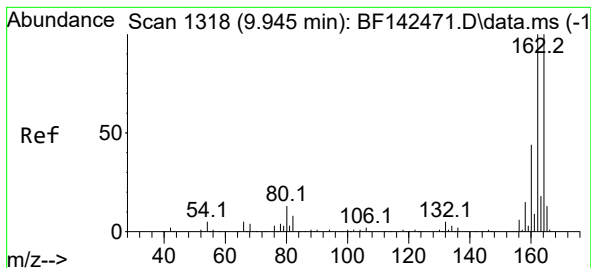
Tgt Ion:142 Resp: 614650
Ion Ratio Lower Upper
142 100
141 88.1 70.7 106.1



#38
1-Methylnaphthalene
Concen: 40.800 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:142 Resp: 647702
Ion Ratio Lower Upper
142 100
141 90.6 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: BF142480.D

Acq: 21 May 2025 11:37

Instrument :

BNA_F

ClientSampleId :

PB168083BS

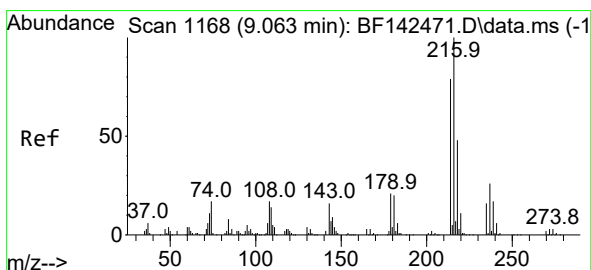
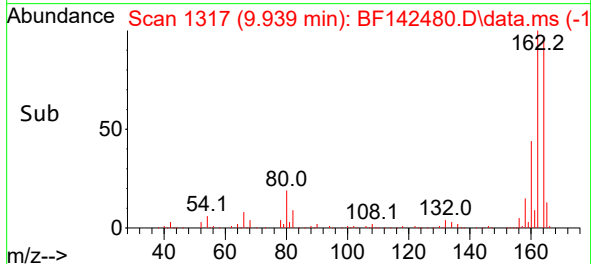
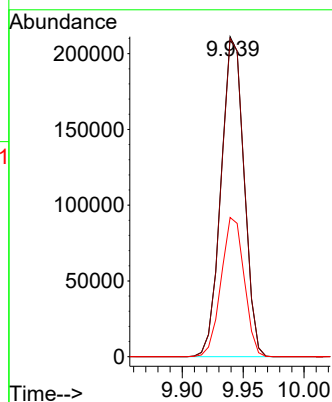
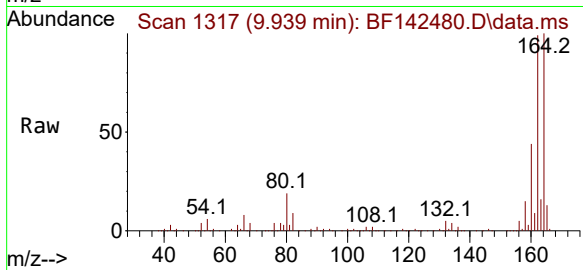
Tgt Ion:164 Resp: 277044

Ion Ratio Lower Upper

164 100

162 99.5 80.2 120.4

160 43.5 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.302 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142480.D

Acq: 21 May 2025 11:37

Tgt Ion:216 Resp: 312557

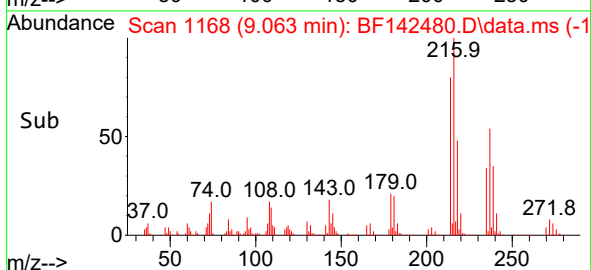
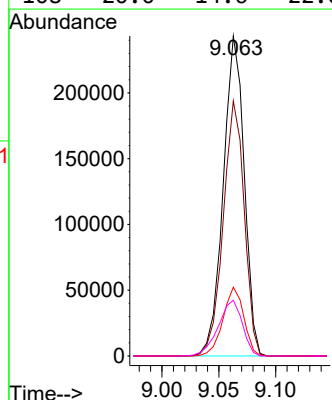
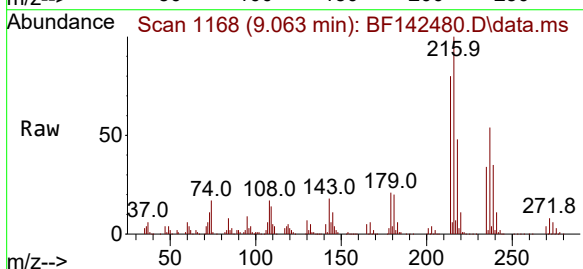
Ion Ratio Lower Upper

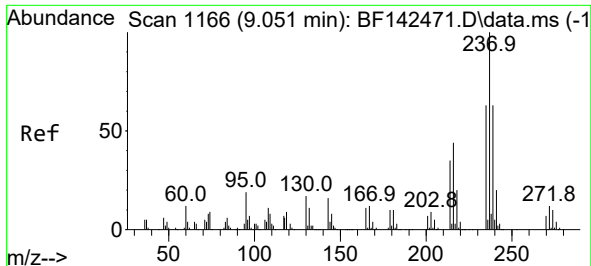
216 100

214 79.7 62.9 94.3

179 21.2 16.9 25.3

108 20.0 14.6 22.0

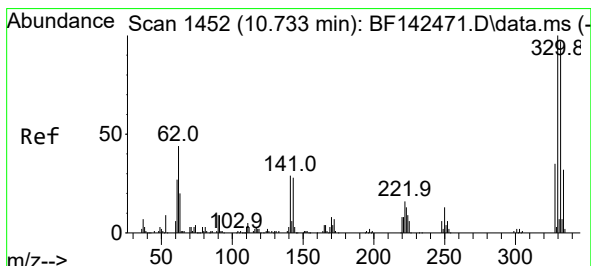
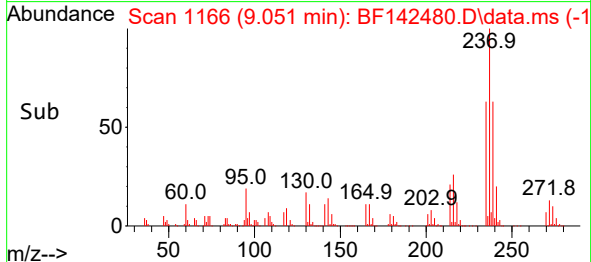
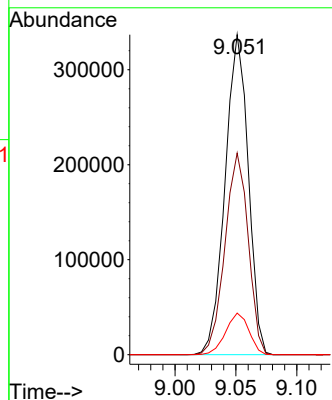
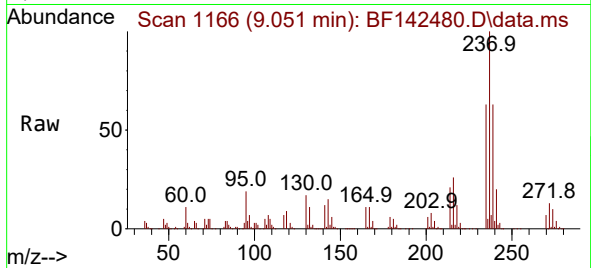




#41
Hexachlorocyclopentadiene
Concen: 83.232 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

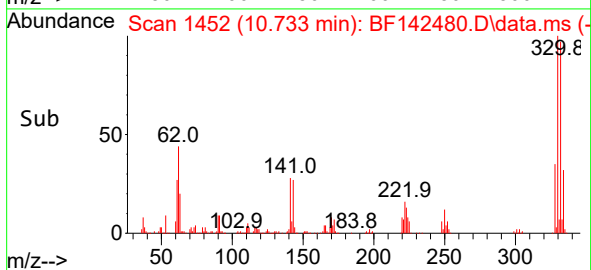
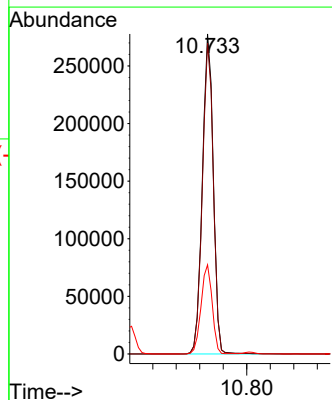
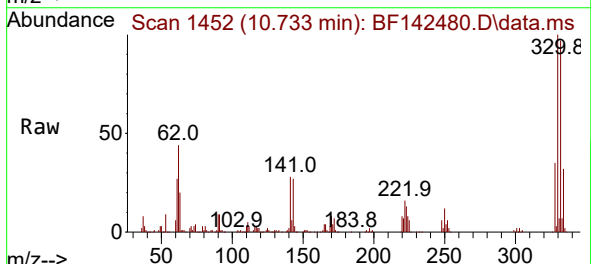
Instrument :
BNA_F
ClientSampleId :
PB168083BS

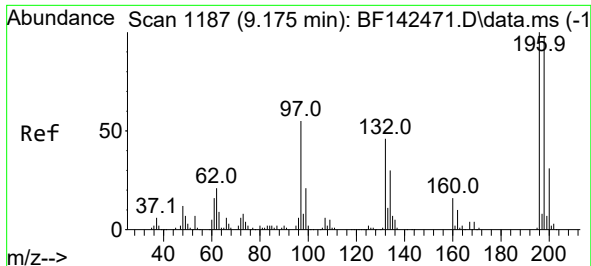
Tgt Ion:237 Resp: 446528
Ion Ratio Lower Upper
237 100
235 63.0 43.3 83.3
272 13.0 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 116.889 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:330 Resp: 359414
Ion Ratio Lower Upper
330 100
332 97.1 77.6 116.4
141 28.3 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 41.439 ng

RT: 9.175 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF142480.D

Acq: 21 May 2025 11:37

Instrument :

BNA_F

ClientSampleId :

PB168083BS

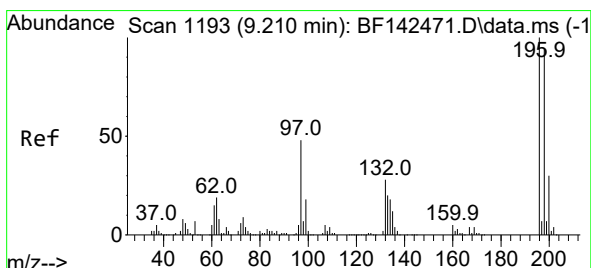
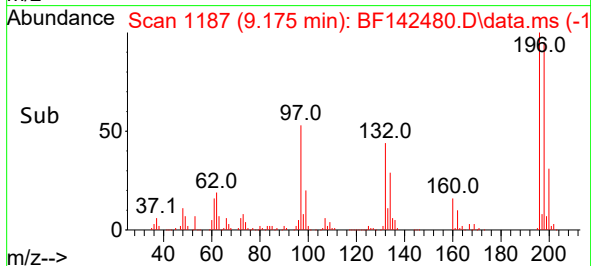
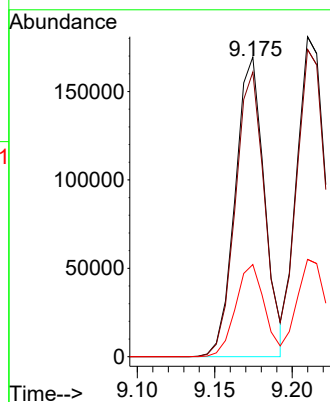
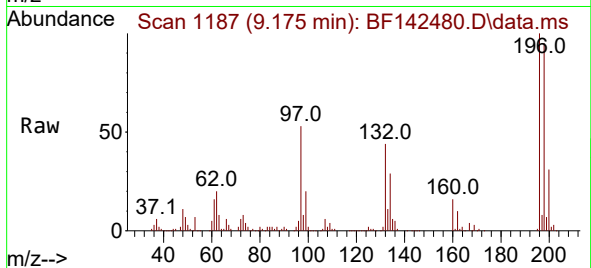
Tgt Ion:196 Resp: 222225

Ion Ratio Lower Upper

196 100

198 95.0 78.8 118.2

200 30.8 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 41.201 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF142480.D

Acq: 21 May 2025 11:37

Tgt Ion:196 Resp: 233019

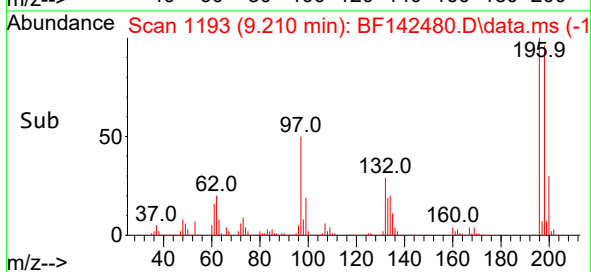
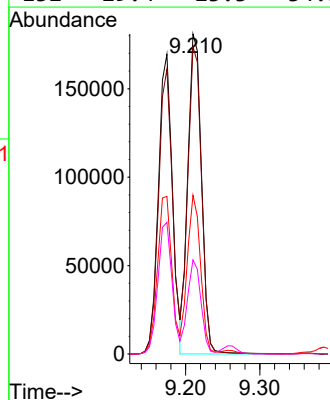
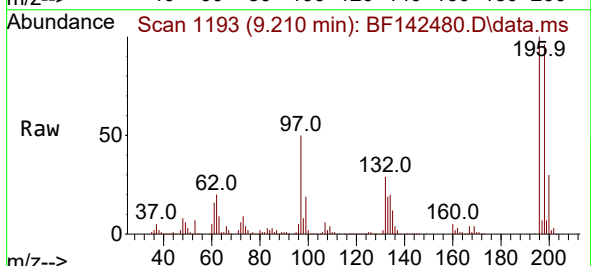
Ion Ratio Lower Upper

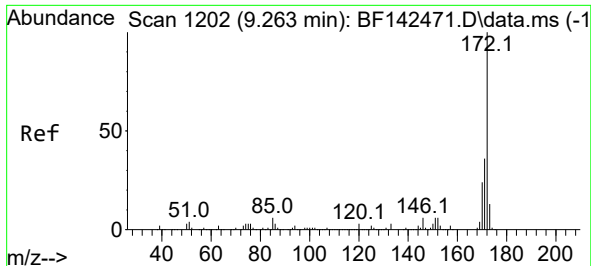
196 100

198 96.0 75.5 113.3

97 49.6 39.3 58.9

132 29.4 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 66.043 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142480.D

Acq: 21 May 2025 11:37

Instrument :

BNA_F

ClientSampleId :

PB168083BS

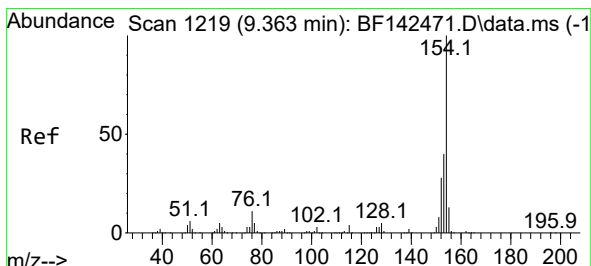
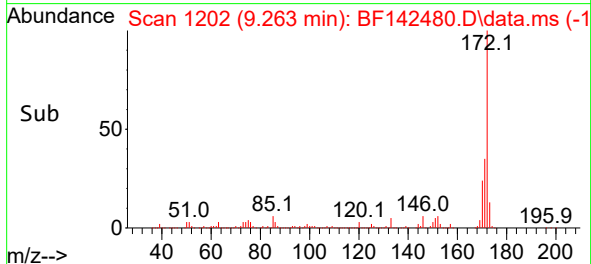
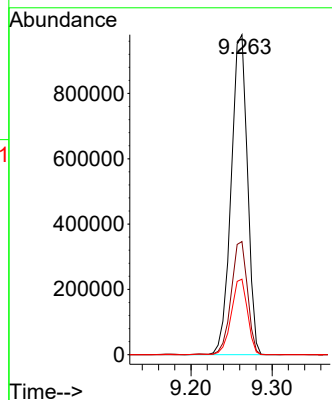
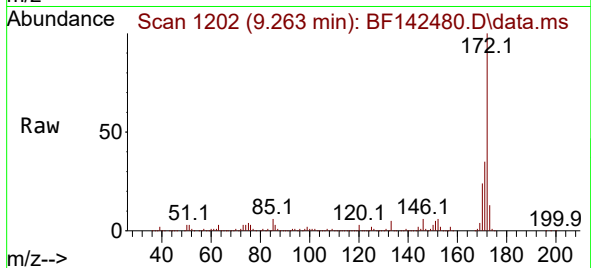
Tgt Ion:172 Resp: 1363534

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 39.968 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142480.D

Acq: 21 May 2025 11:37

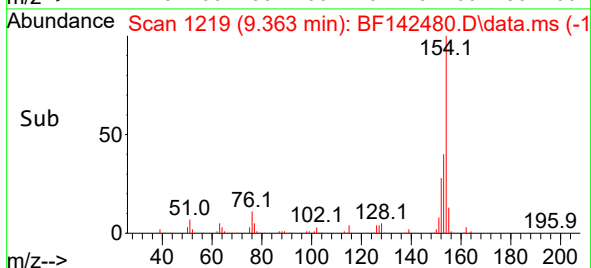
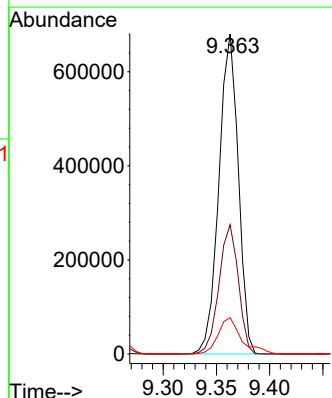
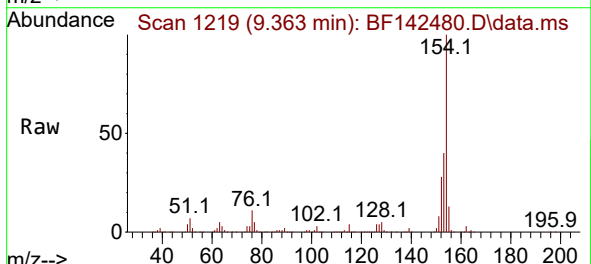
Tgt Ion:154 Resp: 859058

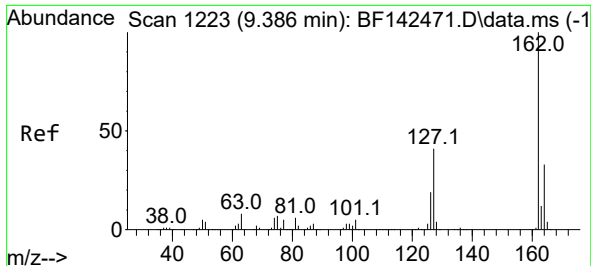
Ion Ratio Lower Upper

154 100

153 40.4 20.4 60.4

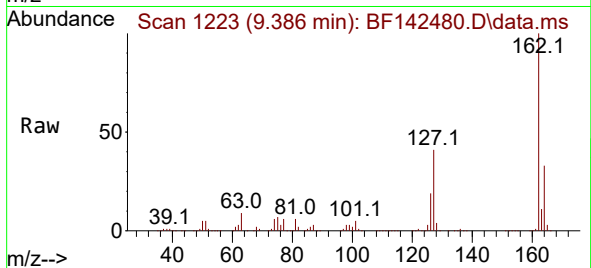
76 11.3 0.0 30.8



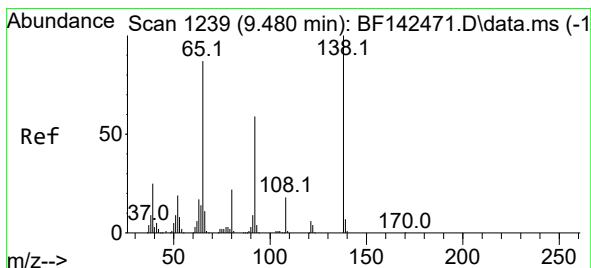
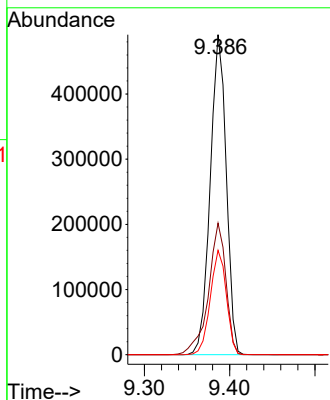
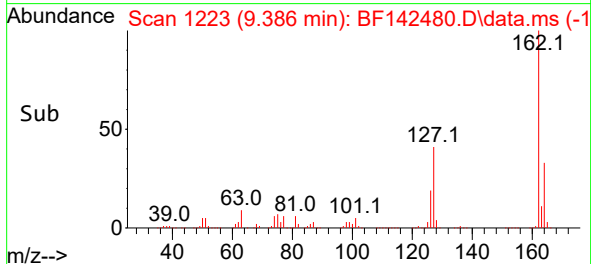


#47
2-Chloronaphthalene
Concen: 40.382 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

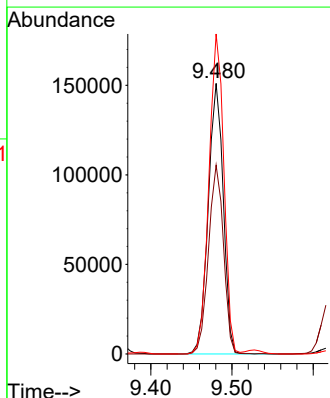
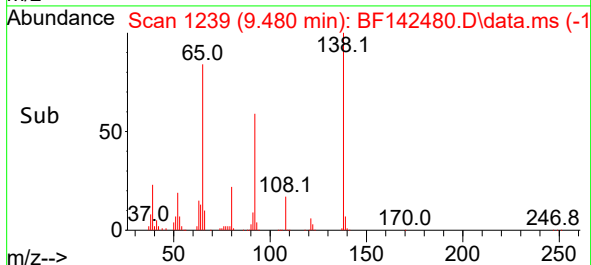
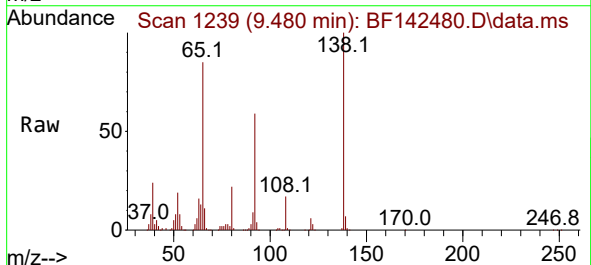


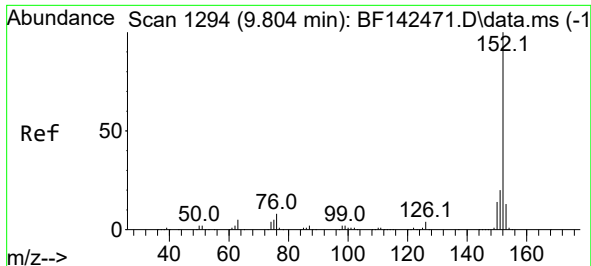
Tgt Ion:162 Resp: 641274
Ion Ratio Lower Upper
162 100
127 41.1 33.5 50.3
164 32.6 26.1 39.1



#48
2-Nitroaniline
Concen: 42.297 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

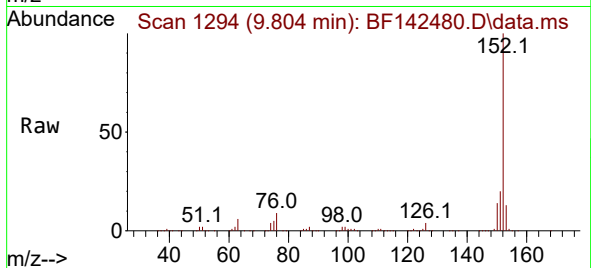
Tgt Ion: 65 Resp: 194148
Ion Ratio Lower Upper
65 100
92 69.8 54.4 81.6
138 118.3 91.4 137.2



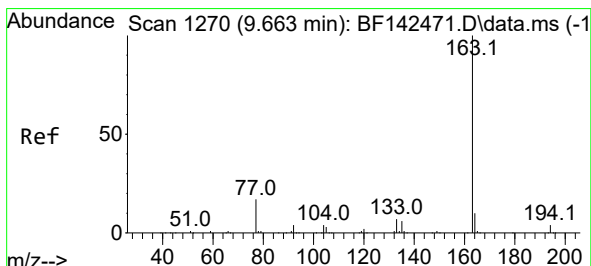
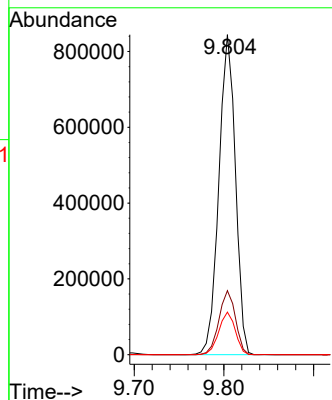
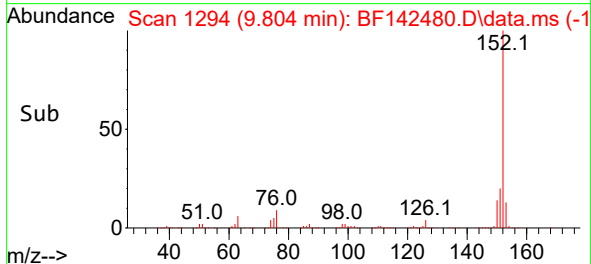


#49
Acenaphthylene
Concen: 40.366 ng
RT: 9.804 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

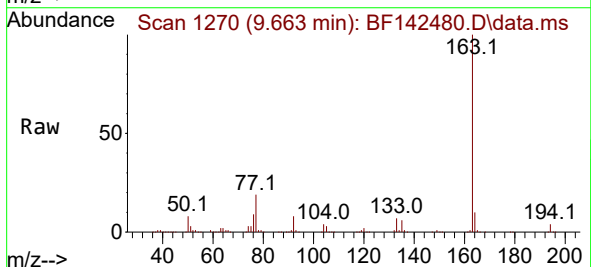
Instrument :
BNA_F
ClientSampleId :
PB168083BS



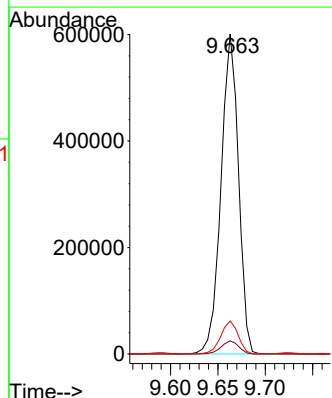
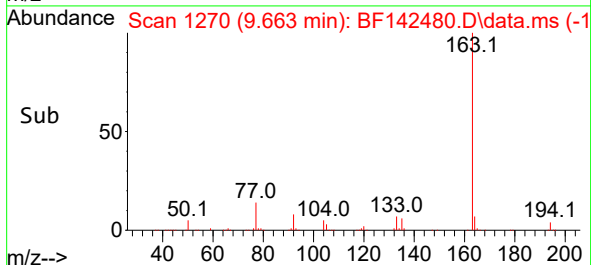
Tgt Ion:152 Resp: 1082413
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.3 10.6 15.8

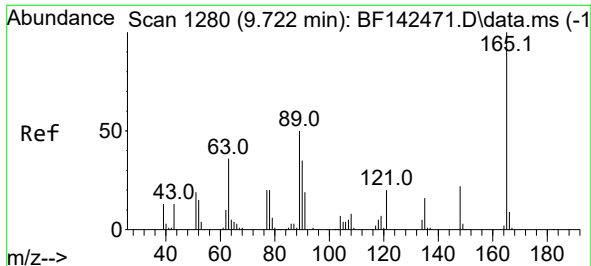


#50
Dimethylphthalate
Concen: 42.246 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37



Tgt Ion:163 Resp: 772268
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 8.2 12.4

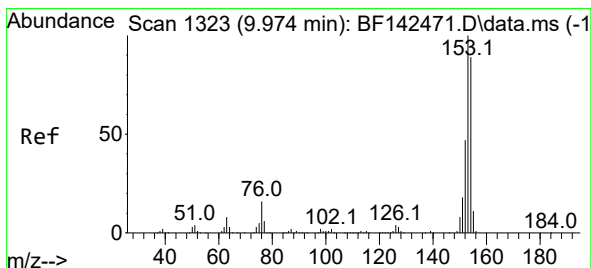
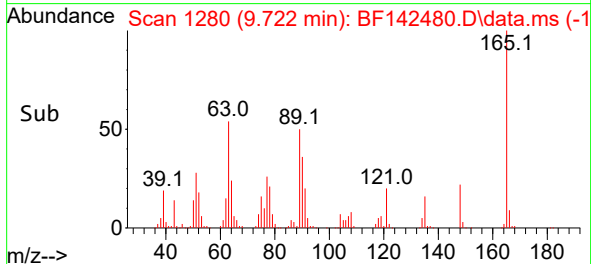
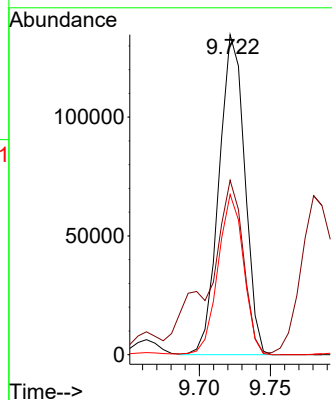
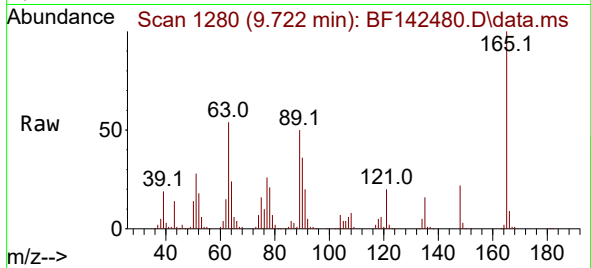




#51
2,6-Dinitrotoluene
Concen: 43.080 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

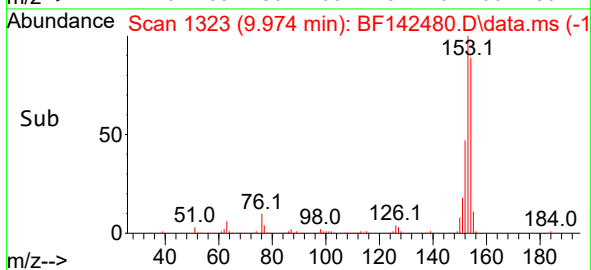
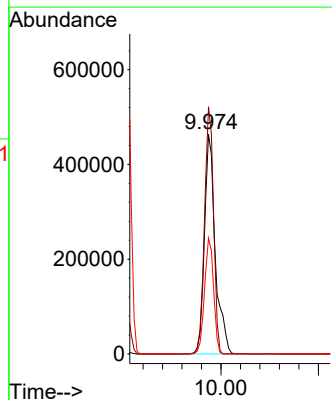
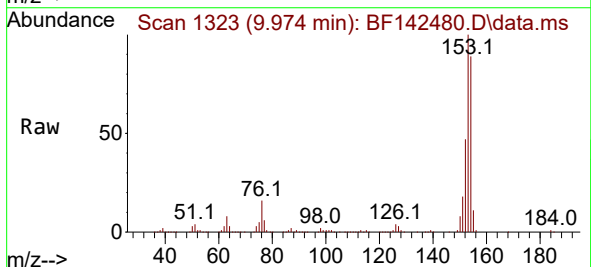
Instrument :
BNA_F
ClientSampleId :
PB168083BS

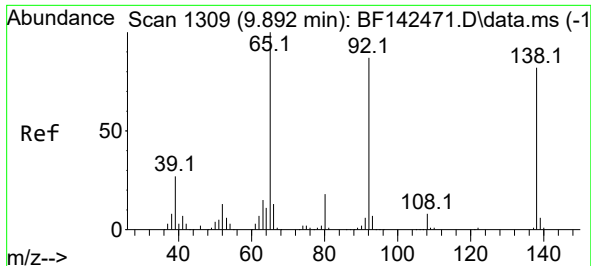
Tgt Ion:165 Resp: 169971
Ion Ratio Lower Upper
165 100
63 54.5 42.9 64.3
89 50.0 40.2 60.4



#52
Acenaphthene
Concen: 43.769 ng
RT: 9.974 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

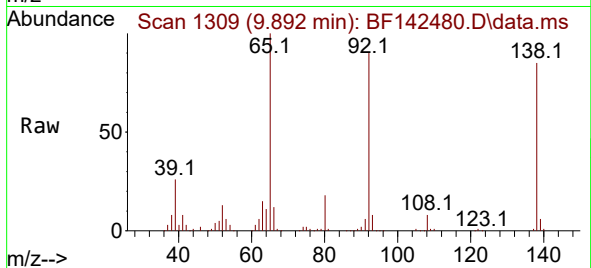
Tgt Ion:154 Resp: 716666
Ion Ratio Lower Upper
154 100
153 112.5 90.0 135.0
152 52.7 42.6 64.0



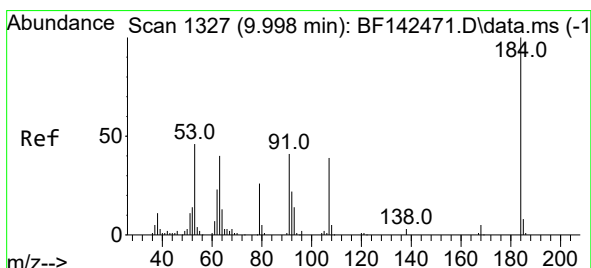
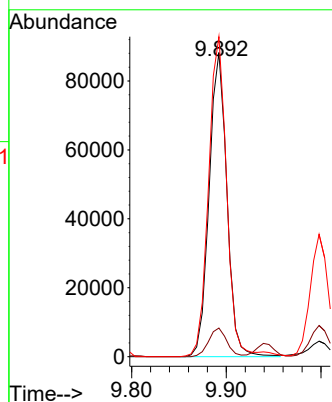
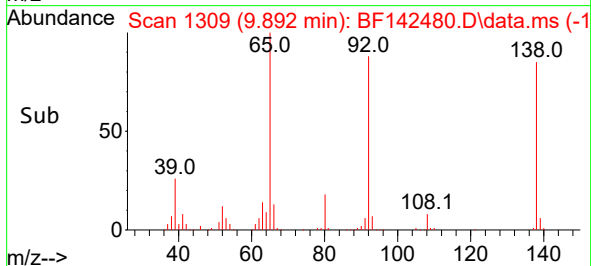


#53
3-Nitroaniline
Concen: 26.768 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

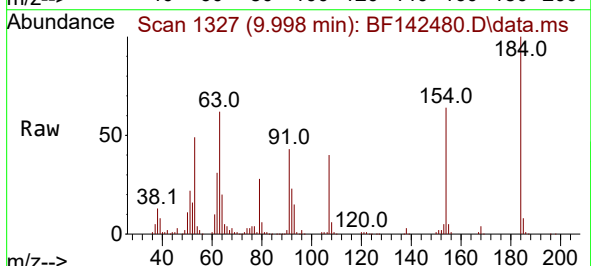
Instrument :
BNA_F
ClientSampleId :
PB168083BS



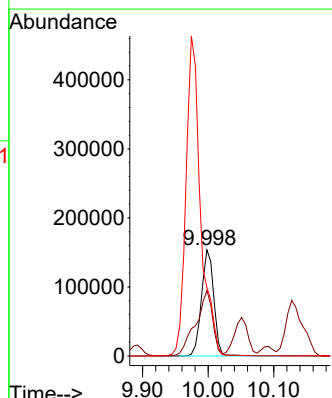
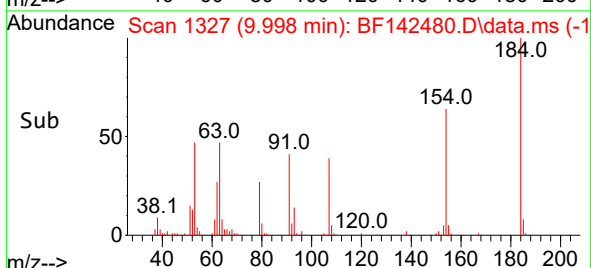
Tgt Ion:138 Resp: 115354
Ion Ratio Lower Upper
138 100
108 9.4 8.1 12.1
92 105.2 85.2 127.8

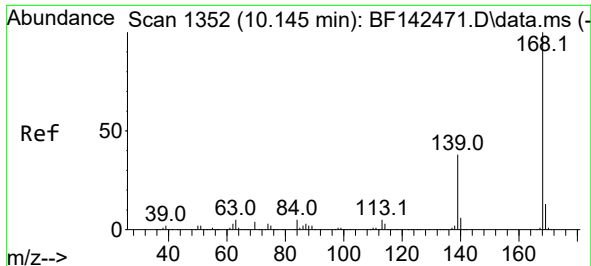


#54
2,4-Dinitrophenol
Concen: 99.019 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37



Tgt Ion:184 Resp: 201837
Ion Ratio Lower Upper
184 100
63 61.6 46.3 69.5
154 64.4 56.8 85.2

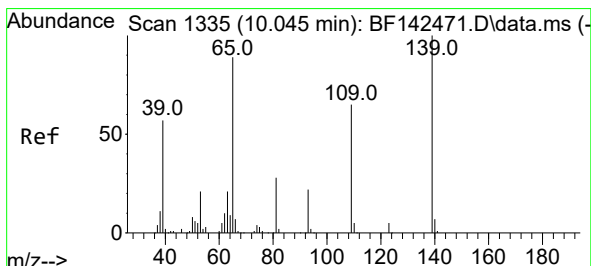
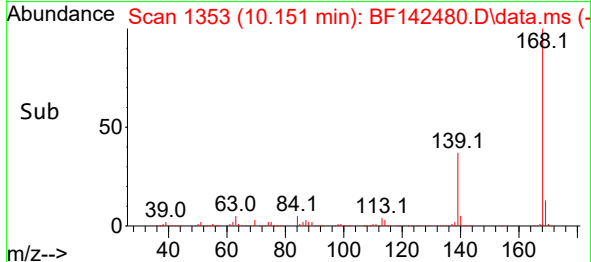
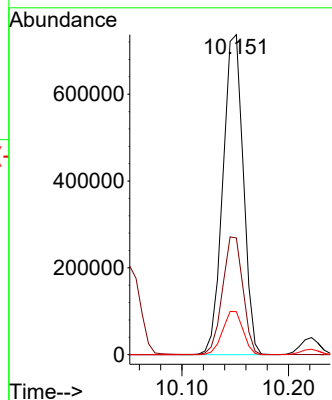
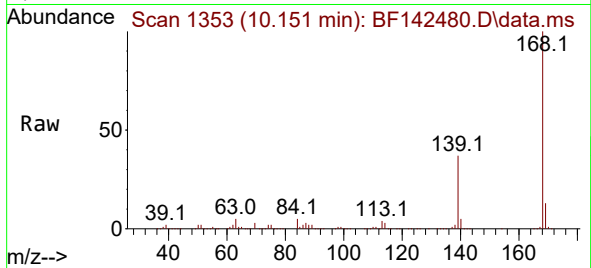




#55
Dibenzofuran
Concen: 41.535 ng
RT: 10.151 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

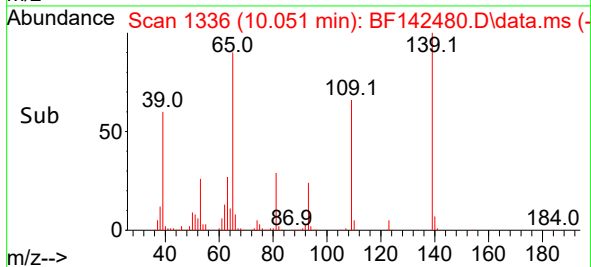
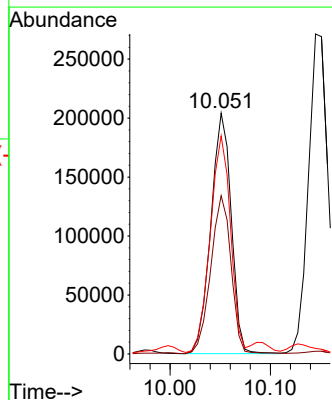
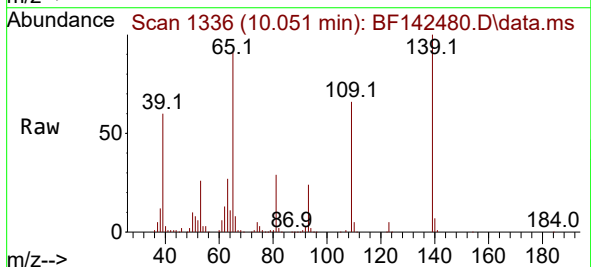
Instrument :
BNA_F
ClientSampleId :
PB168083BS

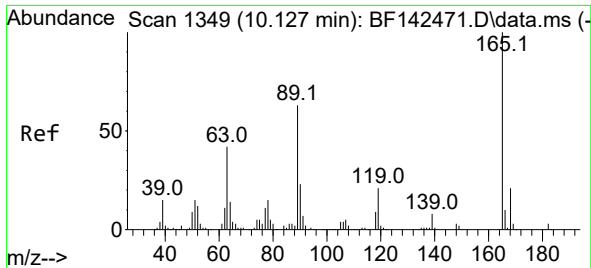
Tgt Ion:168 Resp: 978668
Ion Ratio Lower Upper
168 100
139 36.5 30.2 45.2
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 90.703 ng
RT: 10.051 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:139 Resp: 288407
Ion Ratio Lower Upper
139 100
109 65.7 45.1 85.1
65 90.6 69.7 109.7

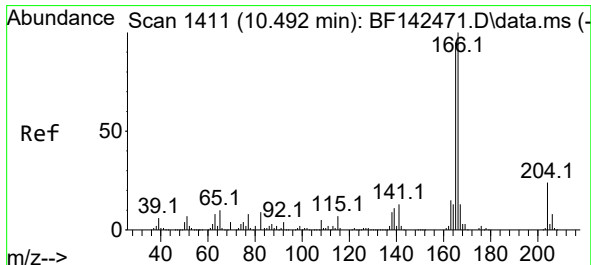
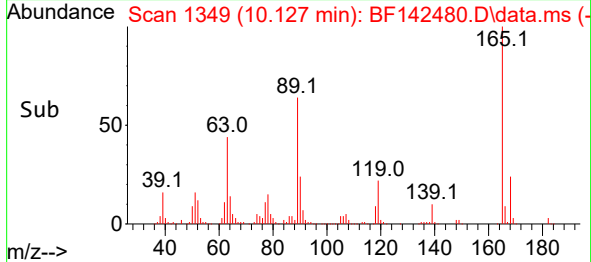
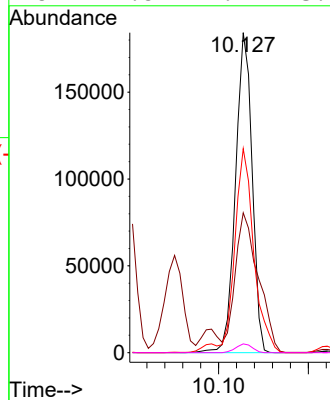
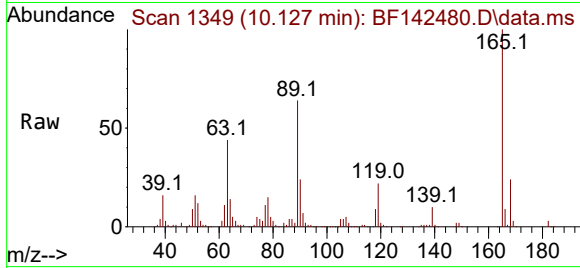




#57
2,4-Dinitrotoluene
Concen: 45.916 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

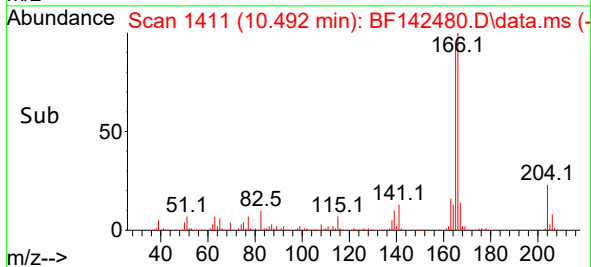
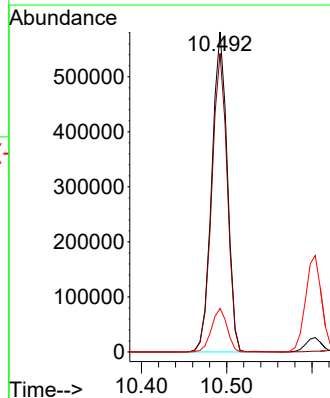
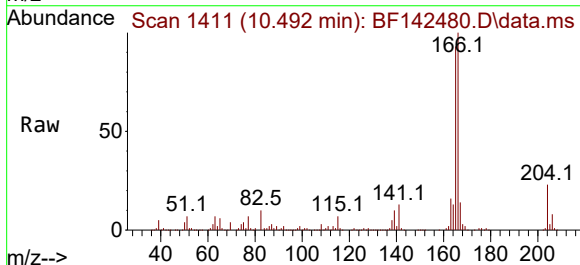
Instrument :
BNA_F
ClientSampleId :
PB168083BS

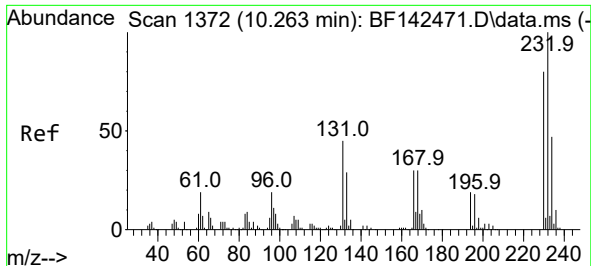
Tgt Ion:165 Resp: 236587
Ion Ratio Lower Upper
165 100
63 43.7 33.6 50.4
89 63.7 50.2 75.4
182 2.8 2.2 3.4



#58
Fluorene
Concen: 40.185 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:166 Resp: 731497
Ion Ratio Lower Upper
166 100
165 93.3 75.8 113.8
167 13.6 10.6 16.0

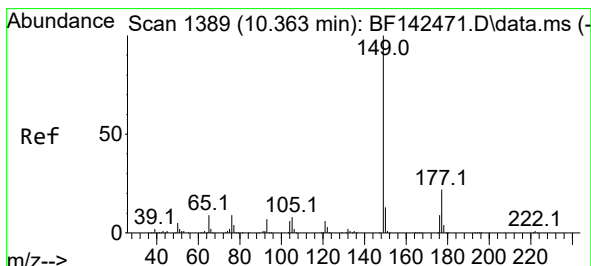
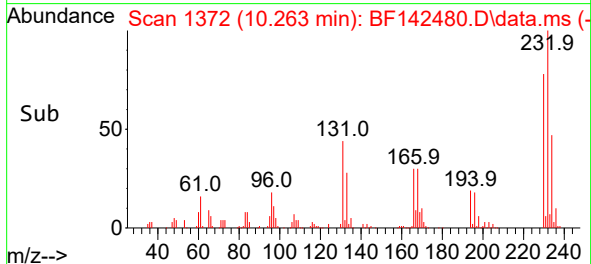
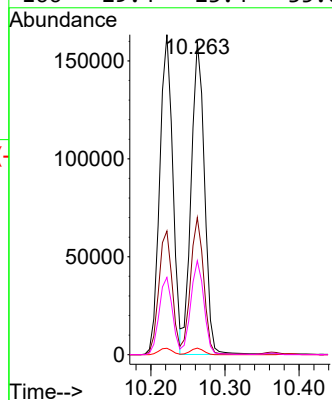
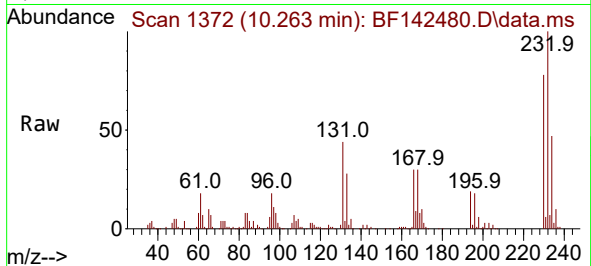




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.269 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

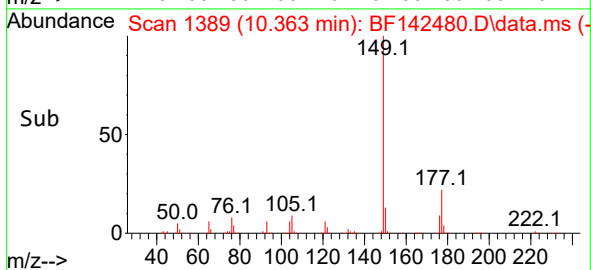
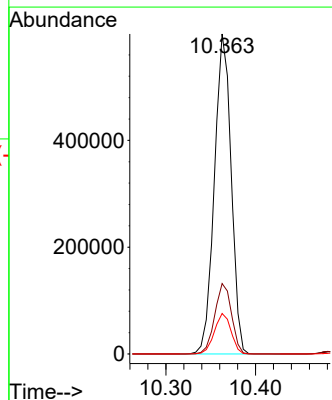
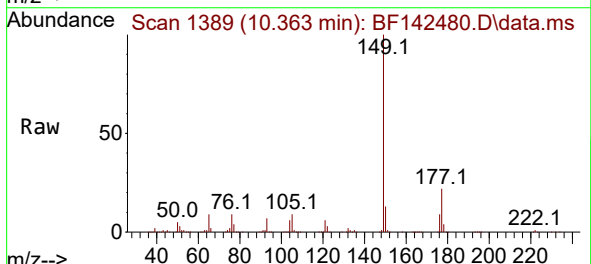
Instrument :
BNA_F
ClientSampleId :
PB168083BS

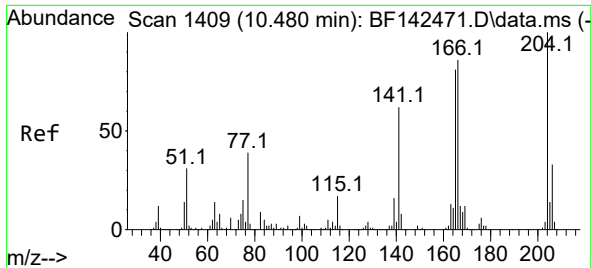
Tgt Ion:232 Resp: 199574
Ion Ratio Lower Upper
232 100
131 43.3 35.2 52.8
130 2.1 1.7 2.5
166 29.4 23.4 35.0



#60
Diethylphthalate
Concen: 43.590 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:149 Resp: 778235
Ion Ratio Lower Upper
149 100
177 22.0 17.6 26.4
150 12.7 10.1 15.1

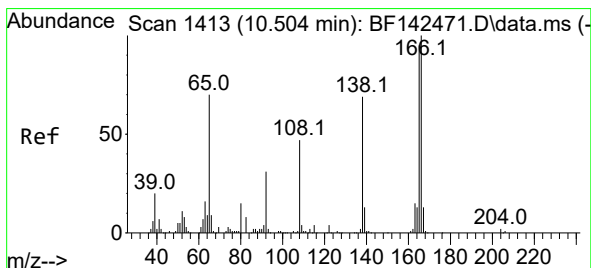
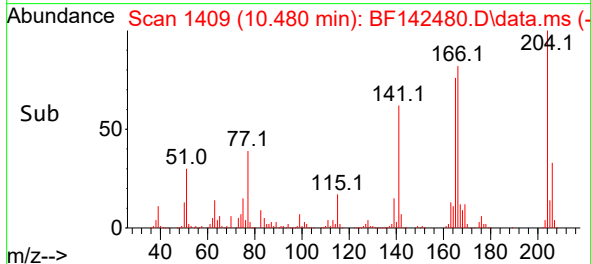
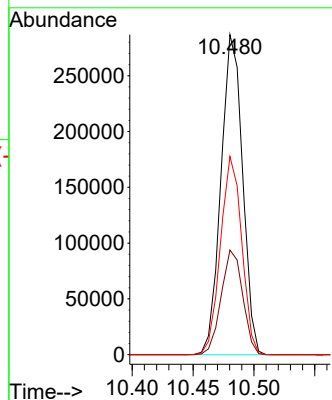
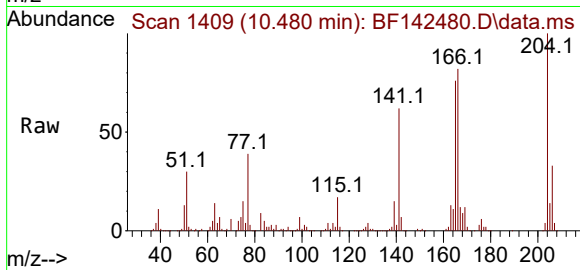




#61
4-Chlorophenyl-phenylether
Concen: 39.581 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

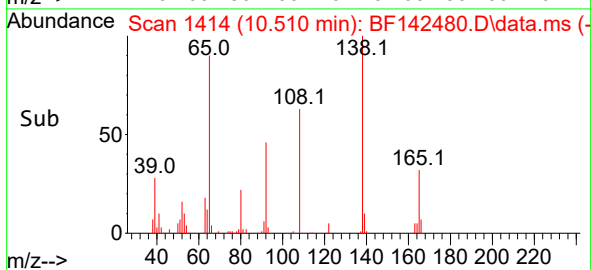
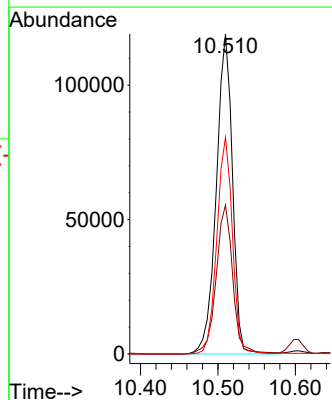
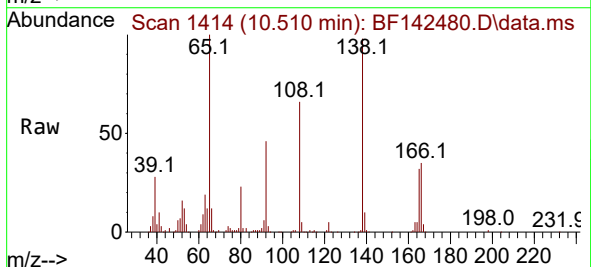
Instrument :
BNA_F
ClientSampleId :
PB168083BS

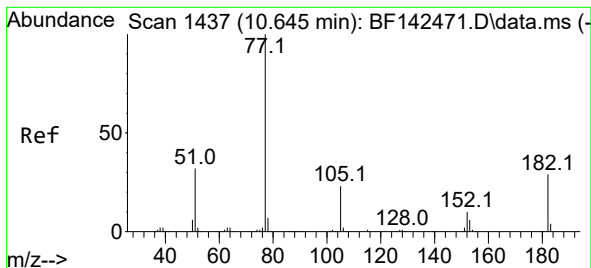
Tgt Ion:204 Resp: 353935
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 62.0 49.5 74.3



#62
4-Nitroaniline
Concen: 44.166 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:138 Resp: 172618
Ion Ratio Lower Upper
138 100
92 46.6 26.0 66.0
108 67.7 48.4 88.4





#63

Azobenzene

Concen: 40.325 ng

RT: 10.645 min Scan# 1437

Delta R.T. 0.000 min

Lab File: BF142480.D

Acq: 21 May 2025 11:37

Instrument :

BNA_F

ClientSampleId :

PB168083BS

Tgt Ion: 77 Resp: 646640

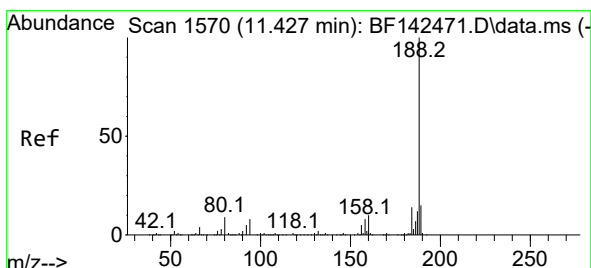
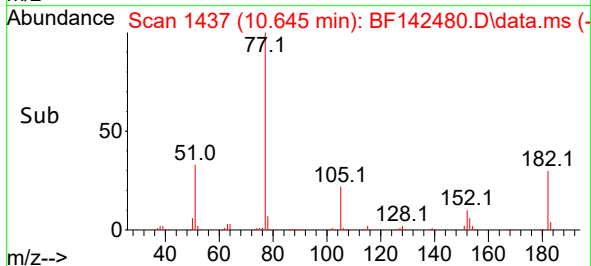
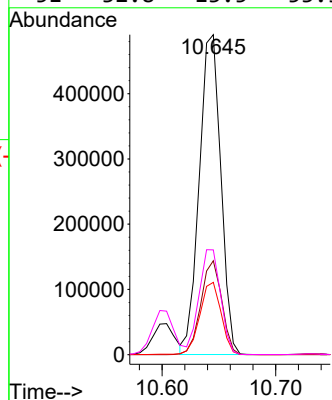
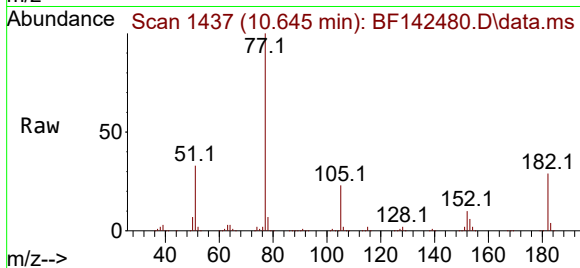
Ion Ratio Lower Upper

77 100

182 29.4 9.0 49.0

105 22.6 2.4 42.4

51 32.8 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: BF142480.D

Acq: 21 May 2025 11:37

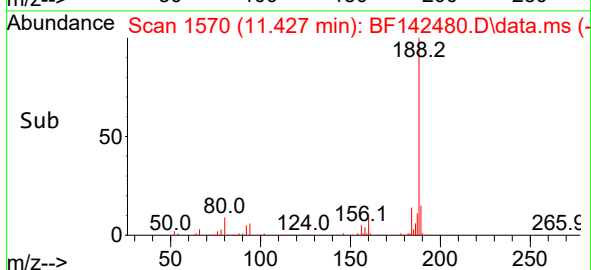
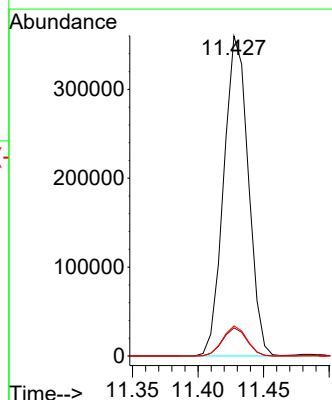
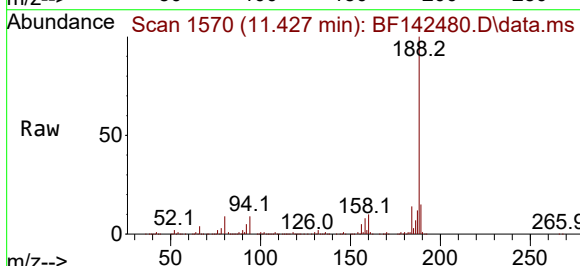
Tgt Ion:188 Resp: 468851

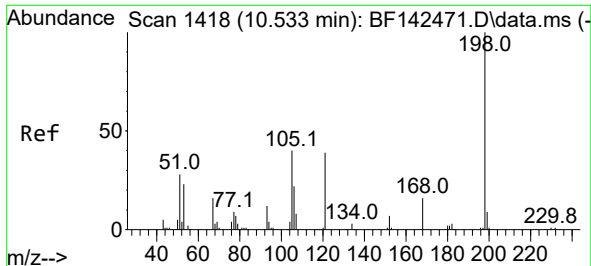
Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.4 7.4 11.0

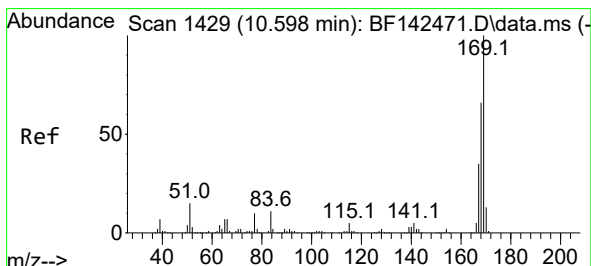
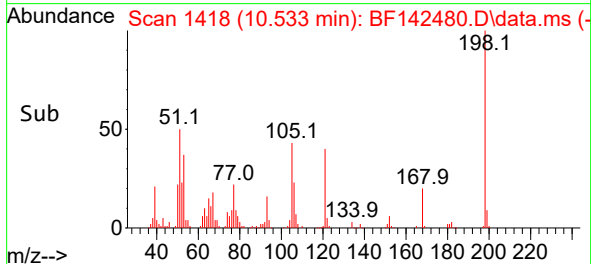
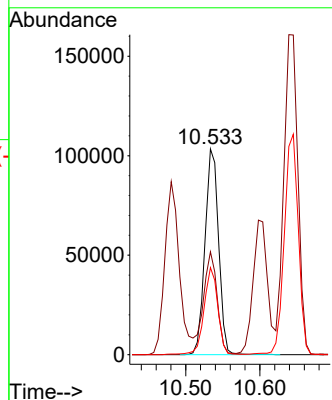
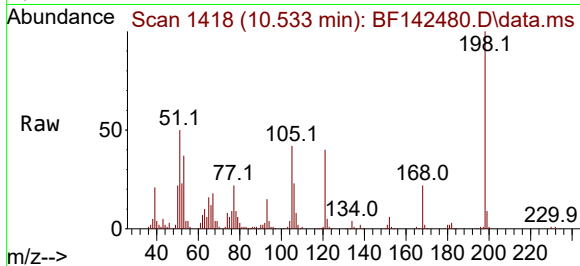




#65
4,6-Dinitro-2-methylphenol
Concen: 50.477 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

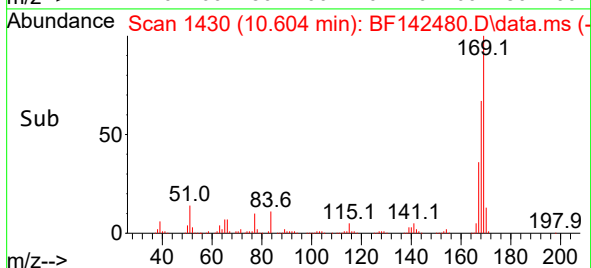
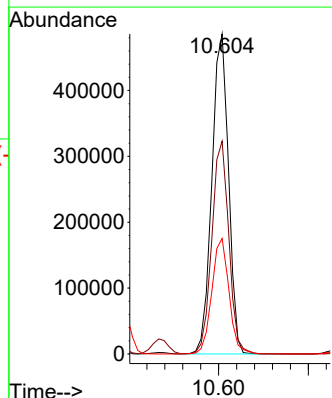
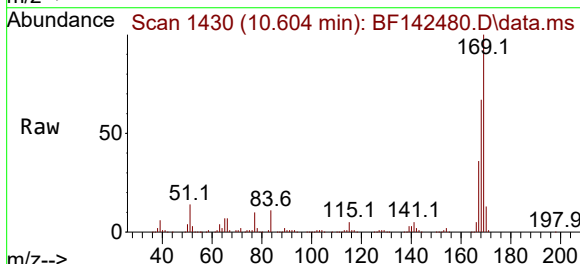
Instrument :
BNA_F
ClientSampleId :
PB168083BS

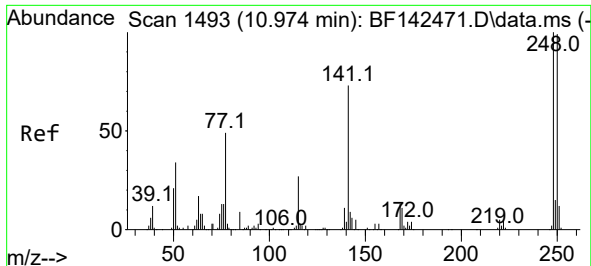
Tgt Ion:198 Resp: 132075
Ion Ratio Lower Upper
198 100
51 50.0 28.3 68.3
105 42.3 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 38.986 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:169 Resp: 625355
Ion Ratio Lower Upper
169 100
168 66.5 52.7 79.1
167 36.1 28.3 42.5

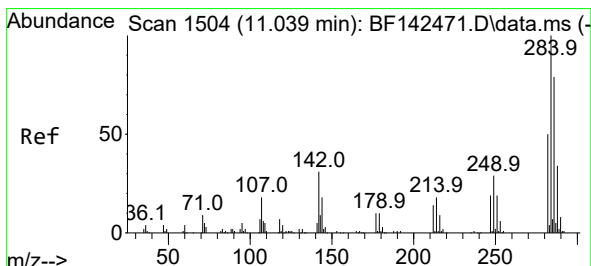
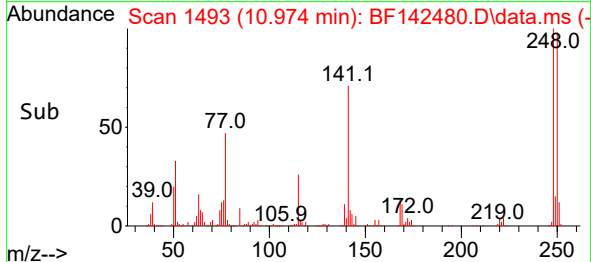
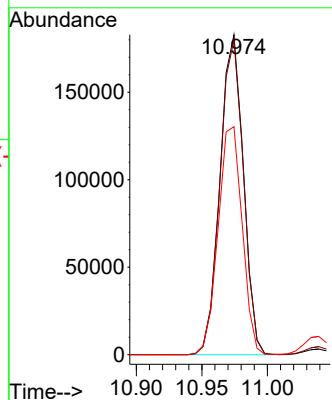
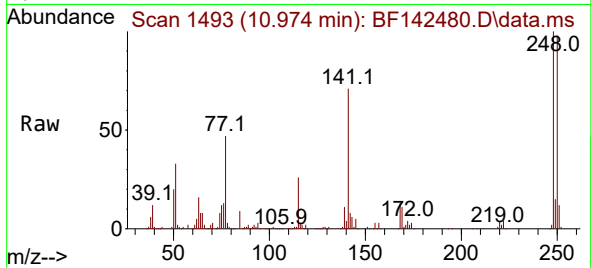




#67
4-Bromophenyl-phenylether
Concen: 40.947 ng
RT: 10.974 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

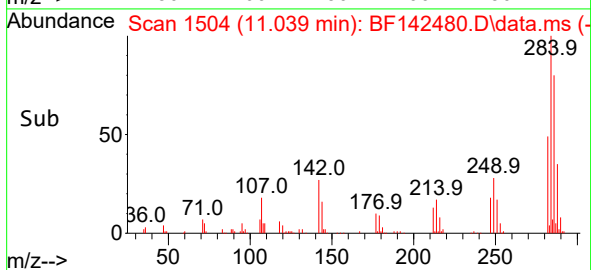
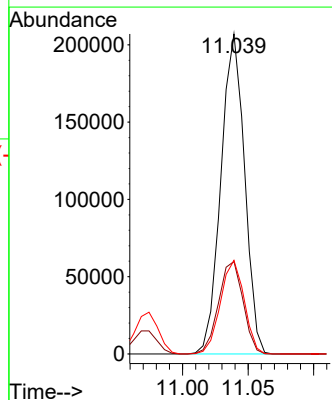
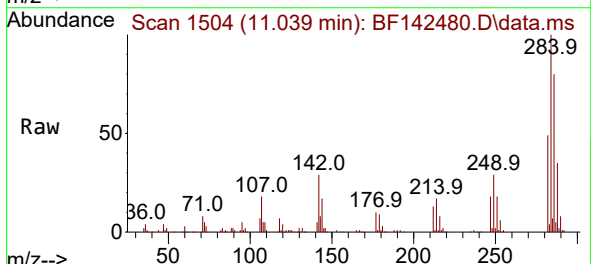
Instrument :
BNA_F
ClientSampleId :
PB168083BS

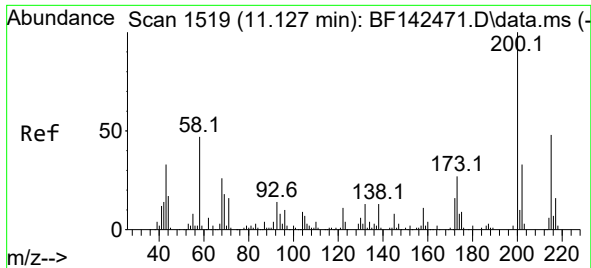
Tgt Ion:248 Resp: 227003
Ion Ratio Lower Upper
248 100
250 98.4 79.0 118.4
141 71.3 58.4 87.6



#68
Hexachlorobenzene
Concen: 42.297 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:284 Resp: 259350
Ion Ratio Lower Upper
284 100
142 28.9 24.8 37.2
249 29.2 23.6 35.4

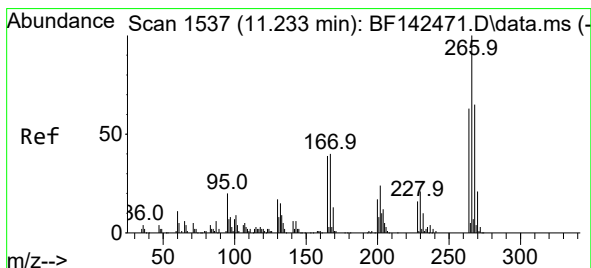
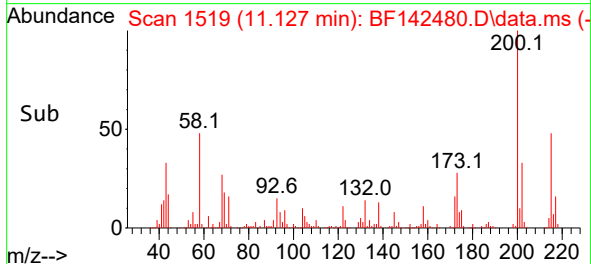
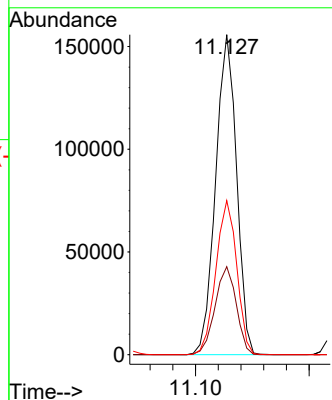
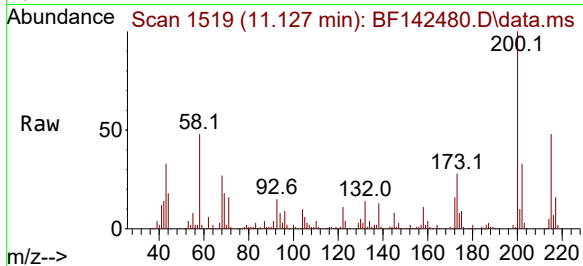




#69
 Atrazine
 Concen: 46.835 ng
 RT: 11.127 min Scan# 1519
 Delta R.T. 0.000 min
 Lab File: BF142480.D
 Acq: 21 May 2025 11:37

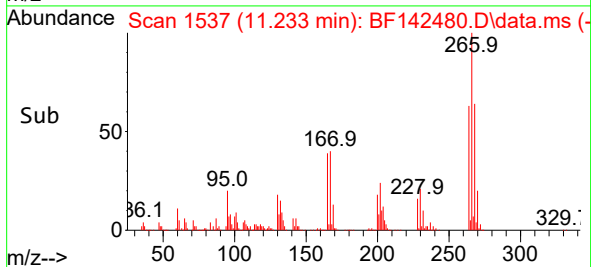
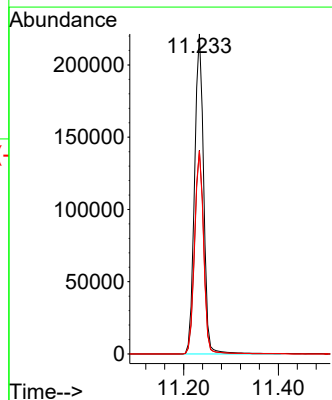
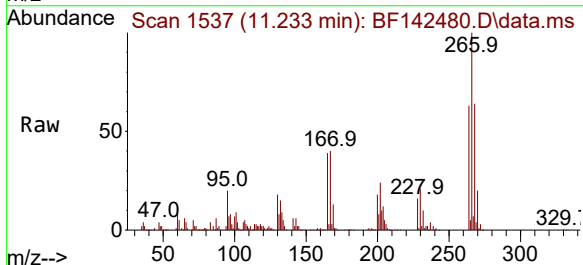
Instrument :
 BNA_F
 ClientSampleId :
 PB168083BS

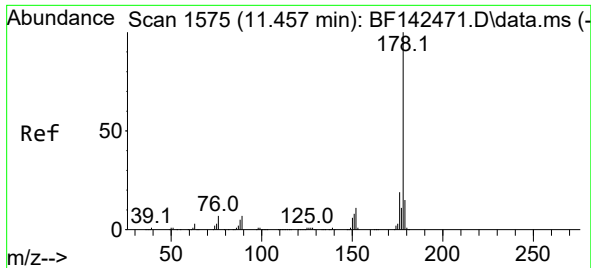
Tgt Ion:200 Resp: 199511
 Ion Ratio Lower Upper
 200 100
 173 27.5 7.4 47.4
 215 48.2 28.5 68.5



#70
 Pentachlorophenol
 Concen: 84.924 ng
 RT: 11.233 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: BF142480.D
 Acq: 21 May 2025 11:37

Tgt Ion:266 Resp: 293992
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.7 77.5
 264 63.5 50.4 75.6

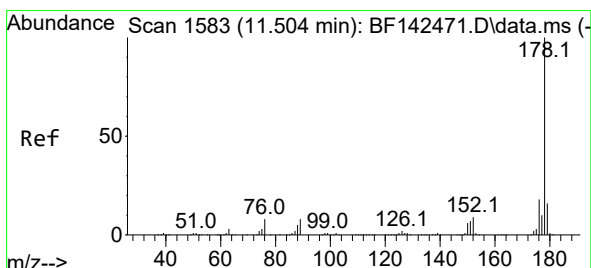
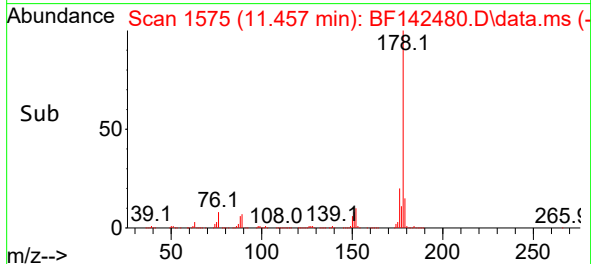
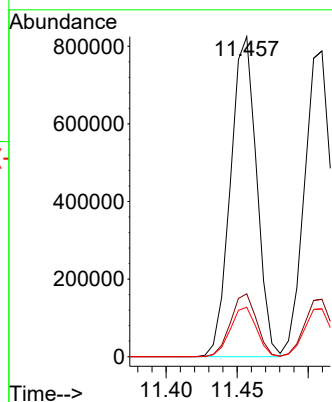
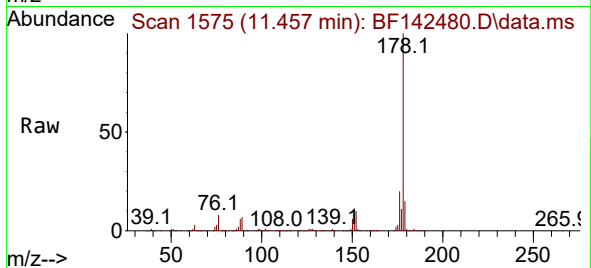




#71
Phenanthrene
Concen: 42.140 ng
RT: 11.457 min Scan# 11457
Delta R.T. 0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

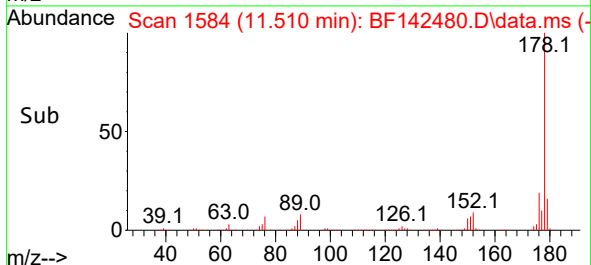
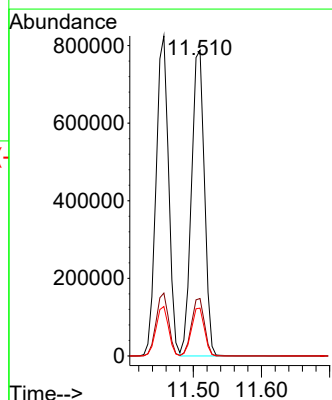
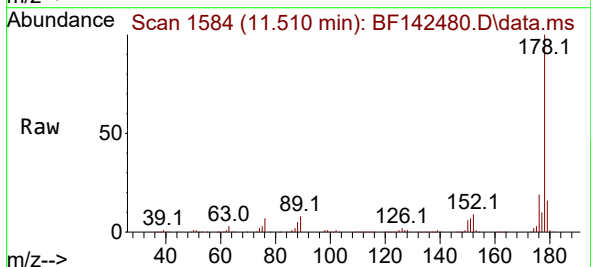
Instrument :
BNA_F
ClientSampleId :
PB168083BS

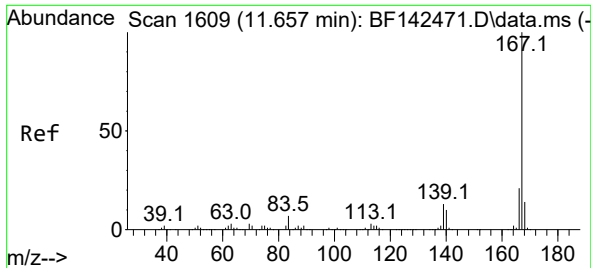
Tgt Ion:178 Resp: 1055879
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.5 12.3 18.5



#72
Anthracene
Concen: 40.407 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:178 Resp: 1033289
Ion Ratio Lower Upper
178 100
176 18.8 14.6 21.8
179 15.6 12.4 18.6

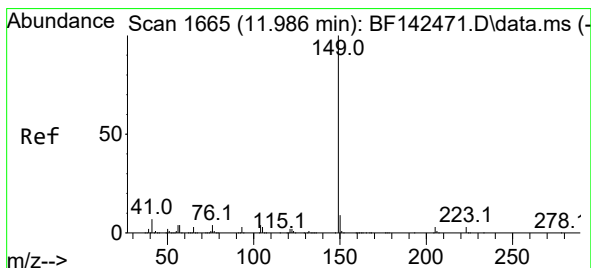
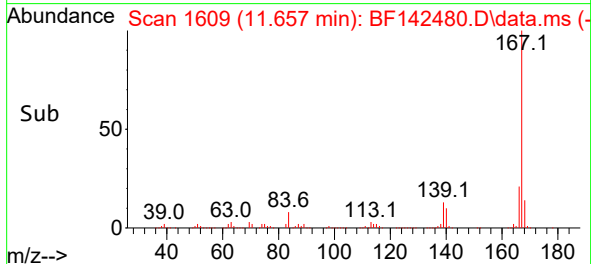
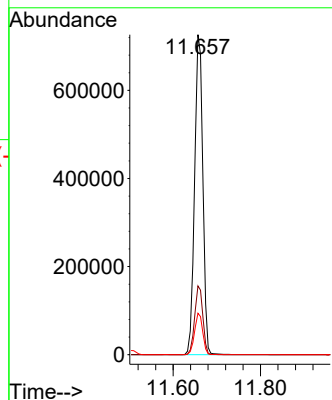
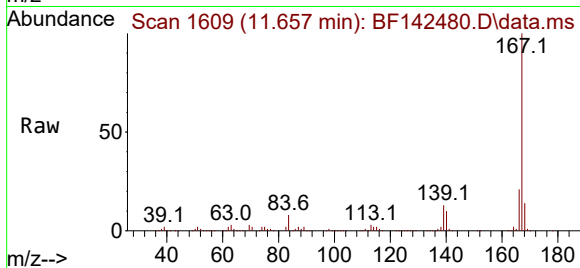




#73
 Carbazole
 Concen: 43.485 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142480.D
 Acq: 21 May 2025 11:37

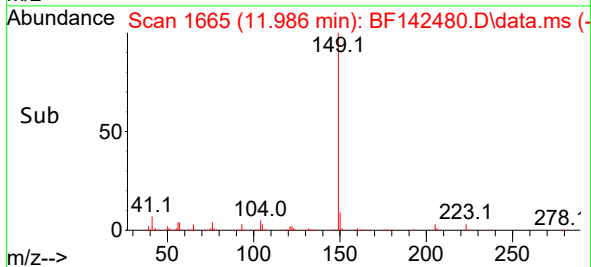
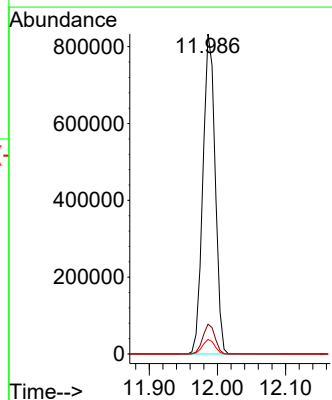
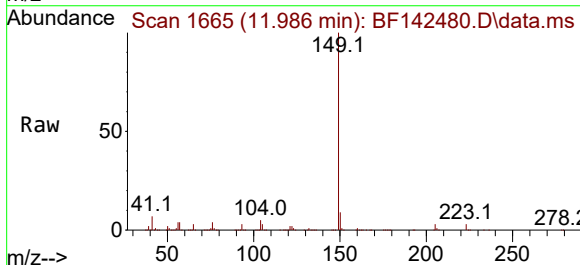
Instrument :
 BNA_F
 ClientSampleId :
 PB168083BS

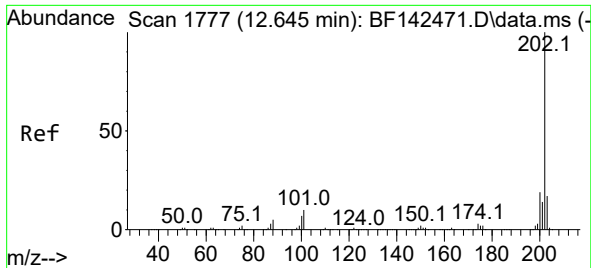
Tgt Ion:167 Resp: 950628
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.9 25.3
 139 13.0 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 43.556 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142480.D
 Acq: 21 May 2025 11:37

Tgt Ion:149 Resp: 1042271
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.6 3.6 5.4

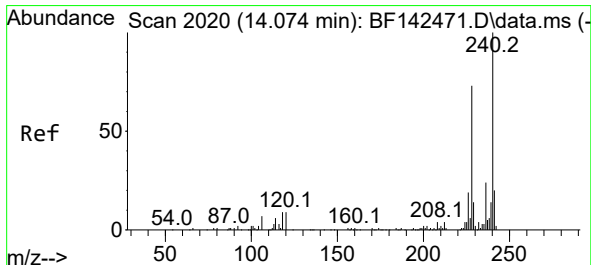
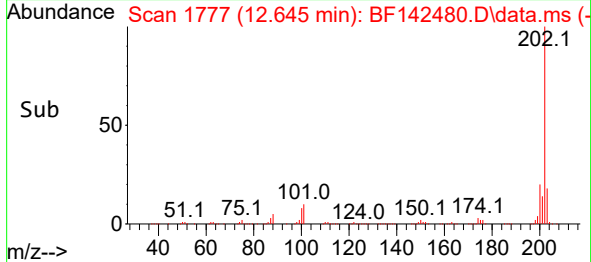
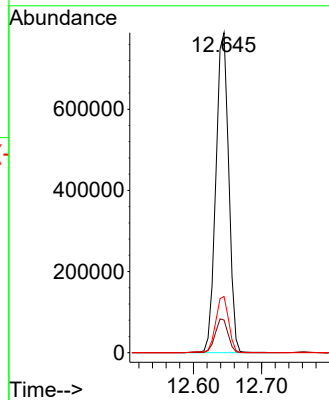
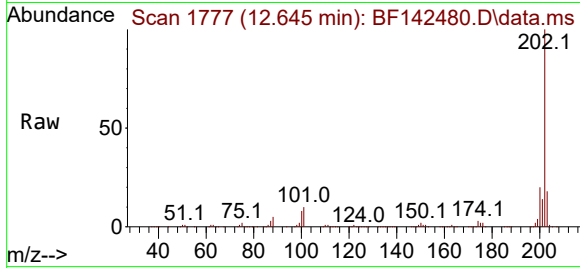




#75
Fluoranthene
Concen: 44.231 ng
RT: 12.645 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

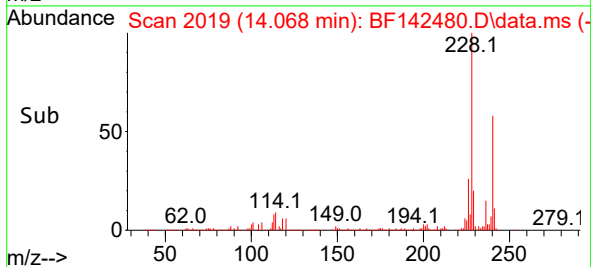
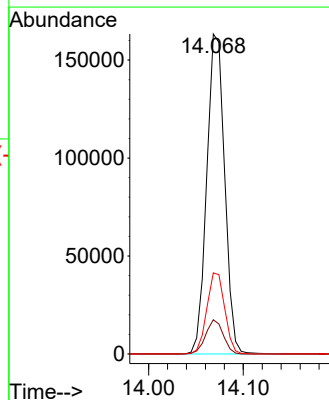
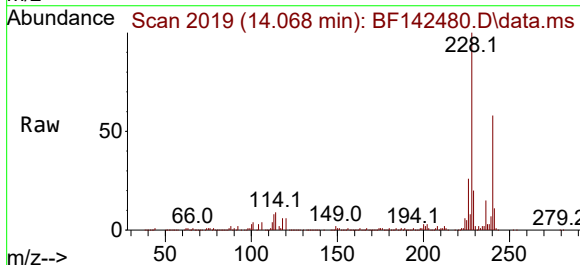
Instrument :
BNA_F
ClientSampleId :
PB168083BS

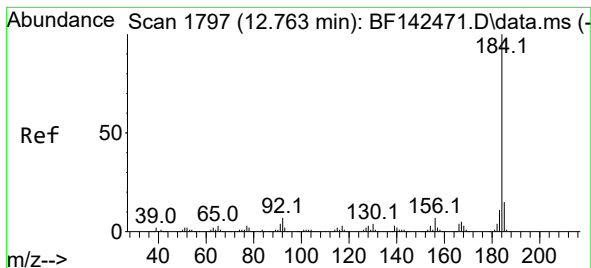
Tgt Ion:202 Resp: 1035557
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.6
203 17.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:240 Resp: 214548
Ion Ratio Lower Upper
240 100
120 10.7 7.5 11.3
236 25.4 19.6 29.4





#77

Benzidine

Concen: 52.842 ng

RT: 12.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142480.D

Acq: 21 May 2025 11:37

Instrument :

BNA_F

ClientSampleId :

PB168083BS

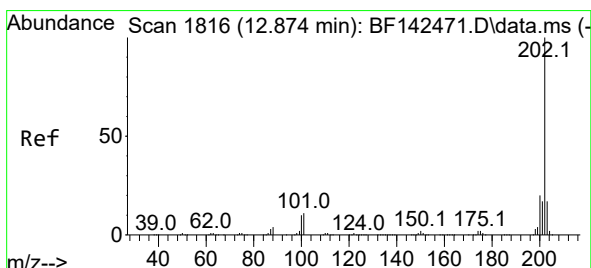
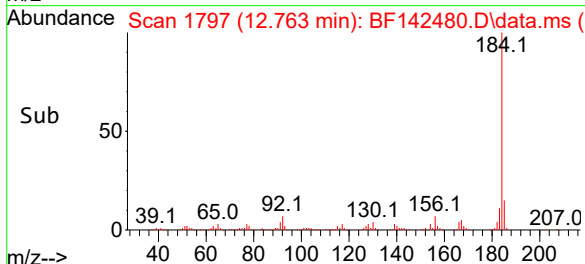
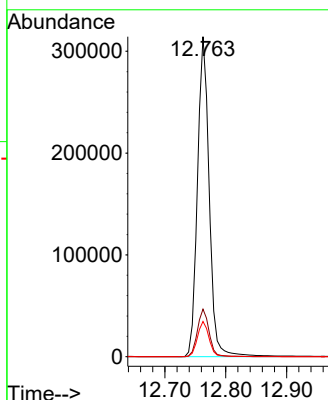
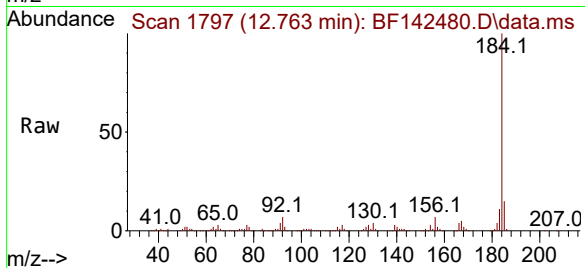
Tgt Ion:184 Resp: 421887

Ion Ratio Lower Upper

184 100

185 14.8 11.6 17.4

183 11.0 9.0 13.4



#78

Pyrene

Concen: 48.973 ng

RT: 12.874 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF142480.D

Acq: 21 May 2025 11:37

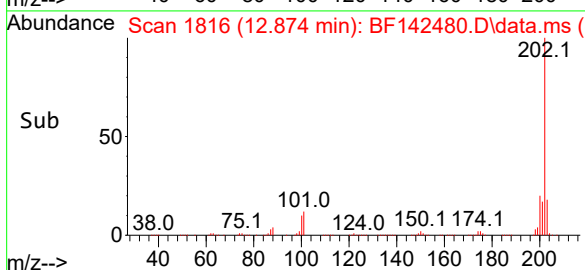
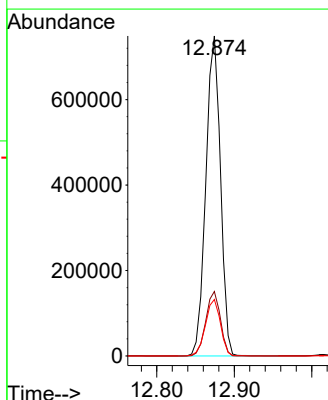
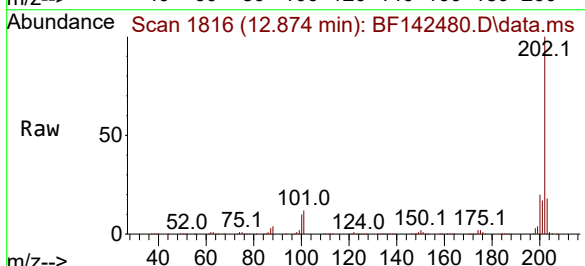
Tgt Ion:202 Resp: 980148

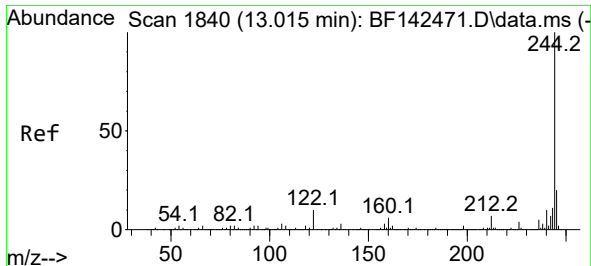
Ion Ratio Lower Upper

202 100

200 20.2 16.1 24.1

203 17.7 13.9 20.9

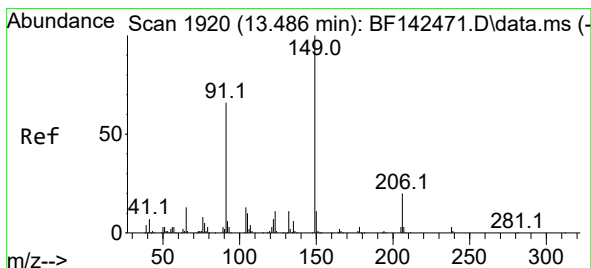
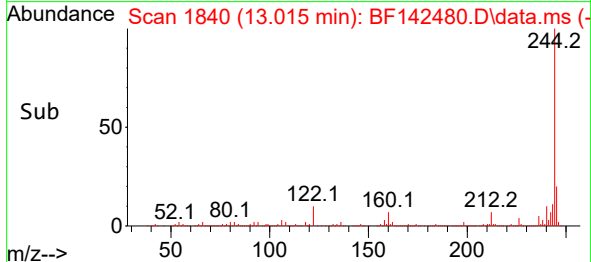
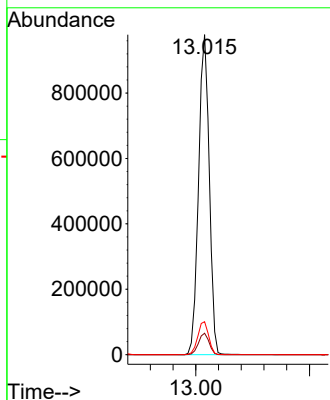
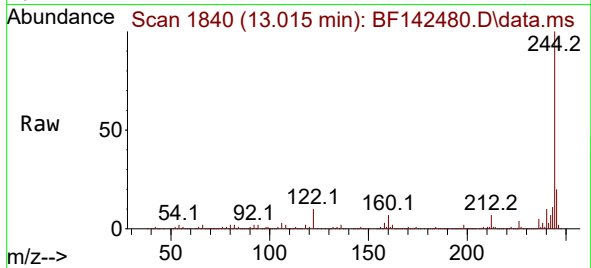




#79
 Terphenyl-d14
 Concen: 81.570 ng
 RT: 13.015 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF142480.D
 Acq: 21 May 2025 11:37

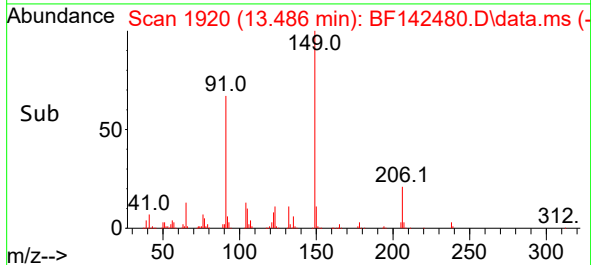
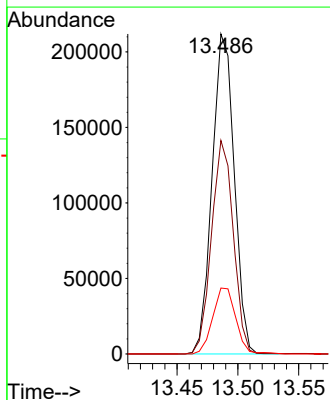
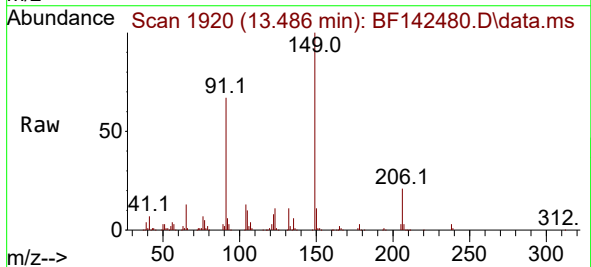
Instrument :
 BNA_F
 ClientSampleId :
 PB168083BS

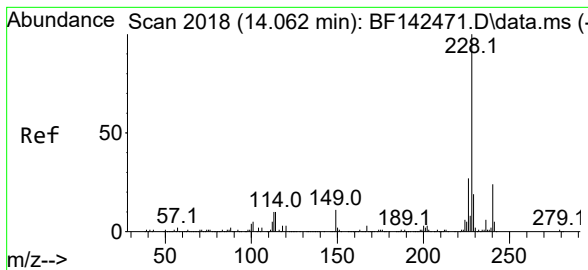
Tgt Ion:244 Resp: 1280646
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.3 7.9
 122 10.3 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 48.493 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142480.D
 Acq: 21 May 2025 11:37

Tgt Ion:149 Resp: 268182
 Ion Ratio Lower Upper
 149 100
 91 66.7 52.9 79.3
 206 20.6 16.2 24.2

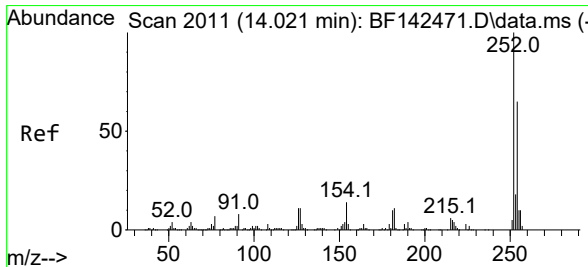
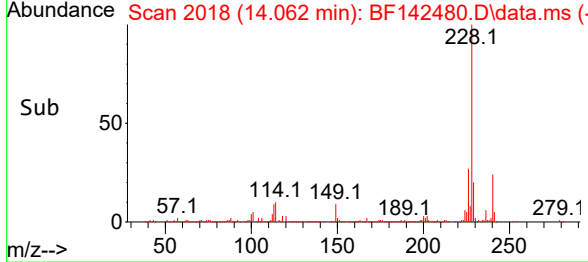
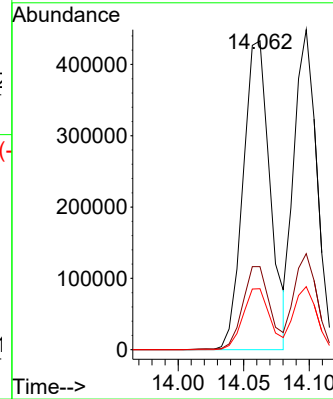
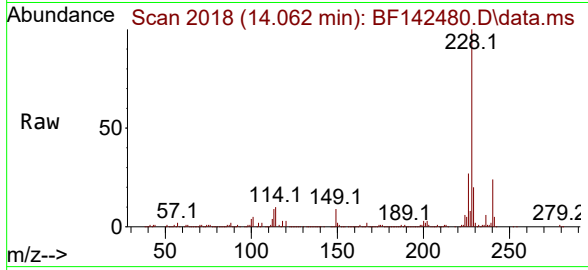




#81
Benzo(a)anthracene
Concen: 43.497 ng
RT: 14.062 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

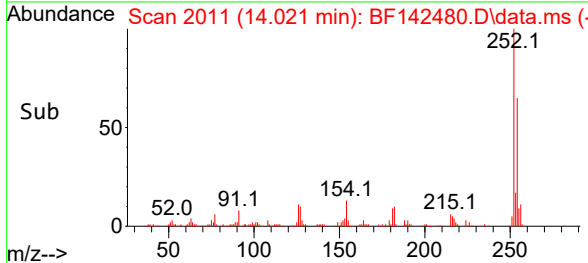
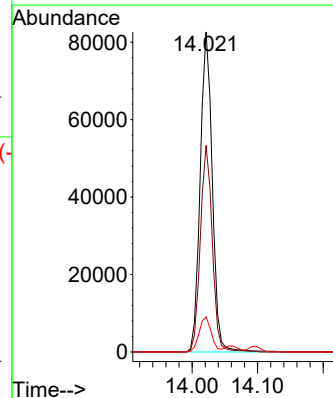
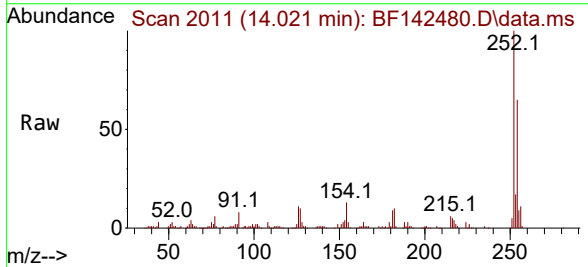
Instrument :
BNA_F
ClientSampleId :
PB168083BS

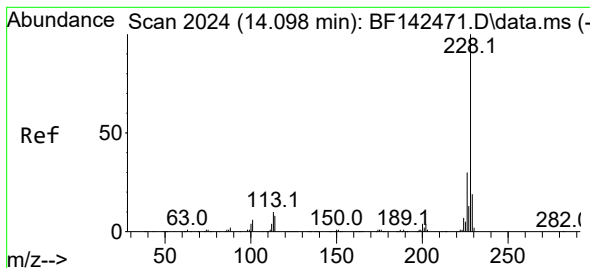
Tgt Ion:228 Resp: 623164
Ion Ratio Lower Upper
228 100
226 26.9 21.2 31.8
229 19.7 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 24.423 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:252 Resp: 106125
Ion Ratio Lower Upper
252 100
254 64.5 52.0 78.0
126 11.0 8.9 13.3





#83

Chrysene

Concen: 41.954 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142480.D

Acq: 21 May 2025 11:37

Instrument :

BNA_F

ClientSampleId :

PB168083BS

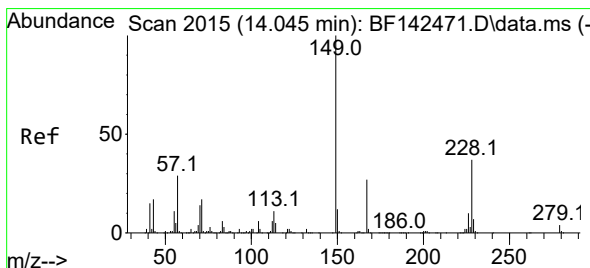
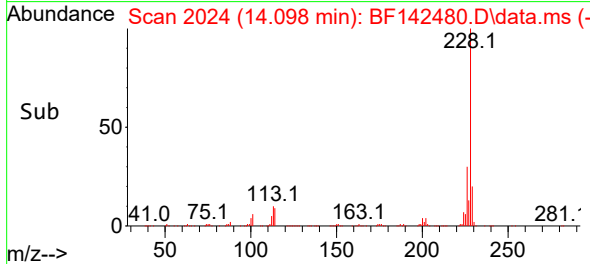
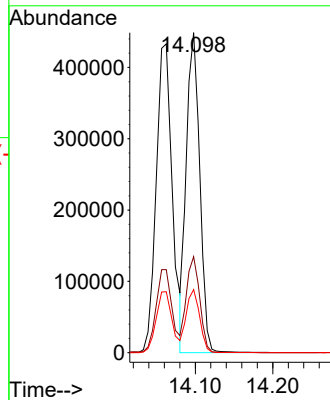
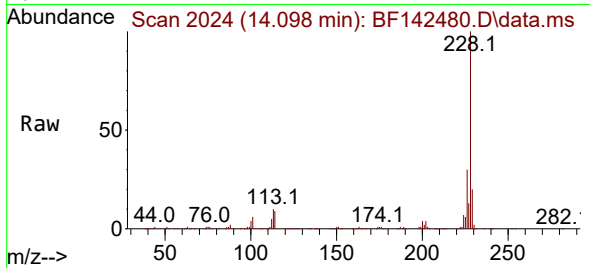
Tgt Ion:228 Resp: 540084

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.6

229 19.7 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.086 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142480.D

Acq: 21 May 2025 11:37

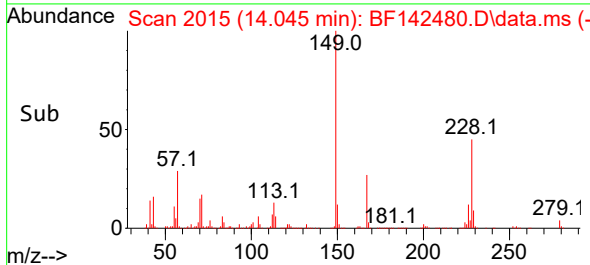
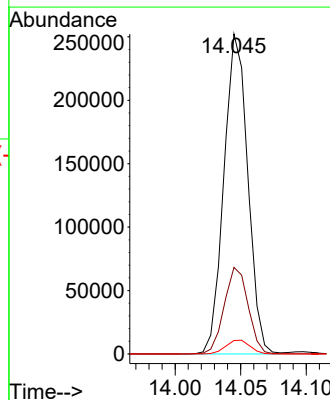
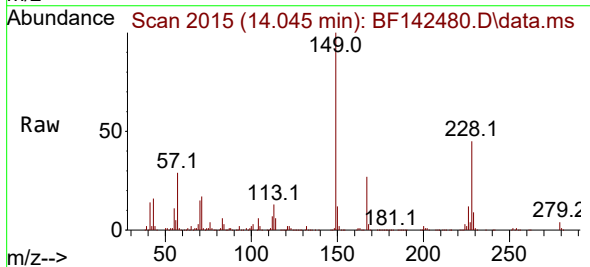
Tgt Ion:149 Resp: 319188

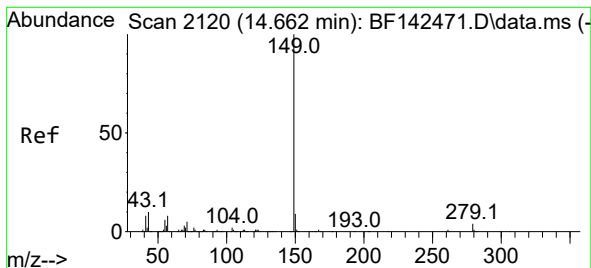
Ion Ratio Lower Upper

149 100

167 27.0 21.5 32.3

279 4.2 3.2 4.8

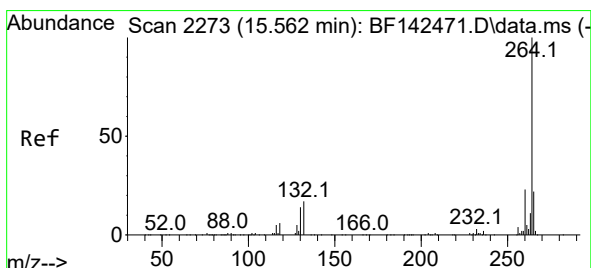
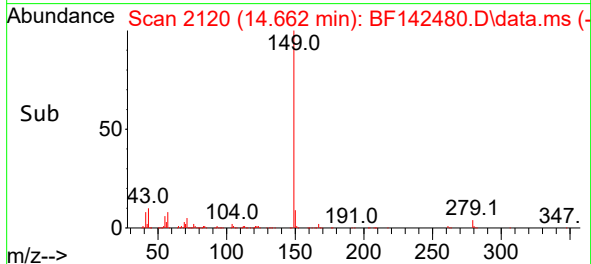
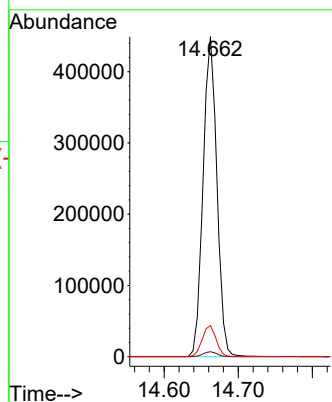
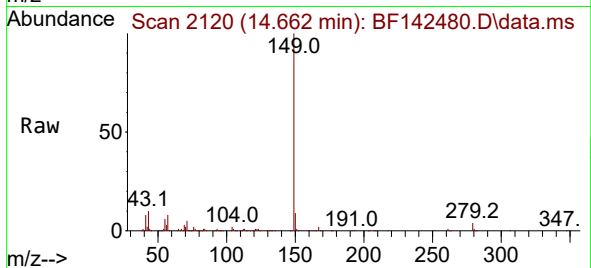




#85
Di-n-octyl phthalate
Concen: 41.968 ng
RT: 14.662 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

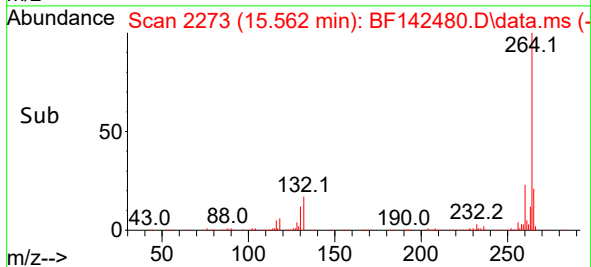
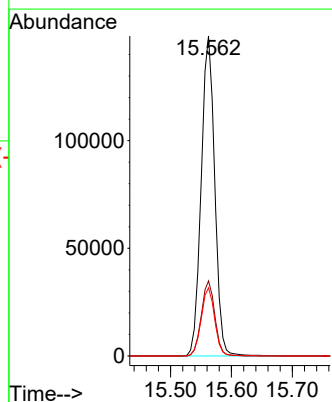
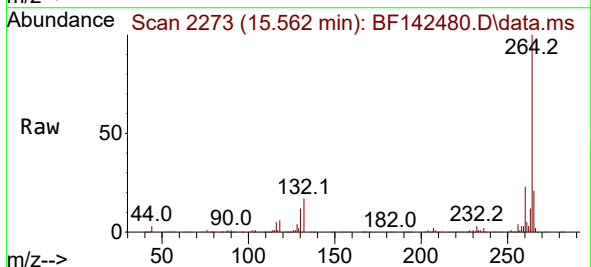
Instrument :
BNA_F
ClientSampleId :
PB168083BS

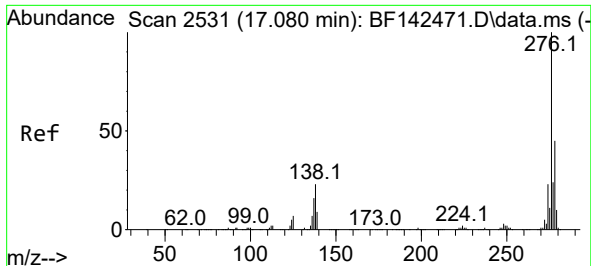
Tgt Ion:149 Resp: 580953
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.8 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

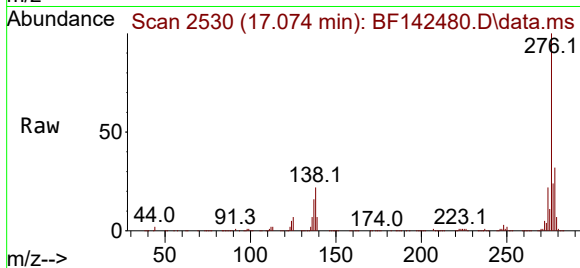
Tgt Ion:264 Resp: 229705
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.3 17.7 26.5



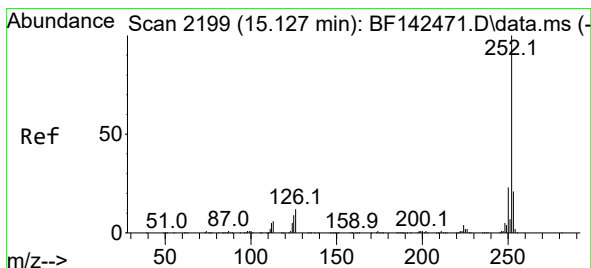
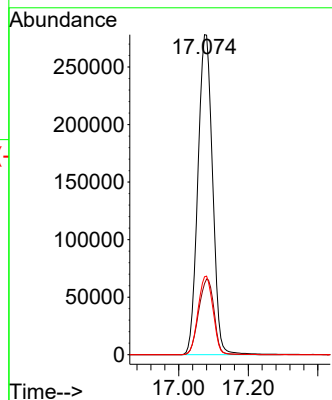
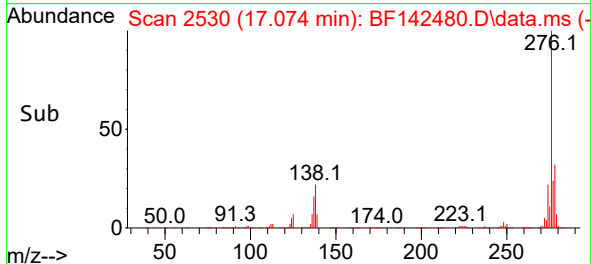


#87
Indeno(1,2,3-cd)pyrene
Concen: 47.127 ng
RT: 17.074 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

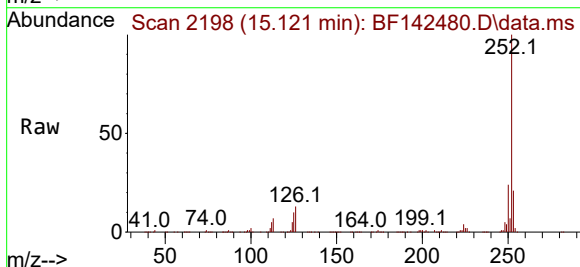
Instrument :
BNA_F
ClientSampleId :
PB168083BS



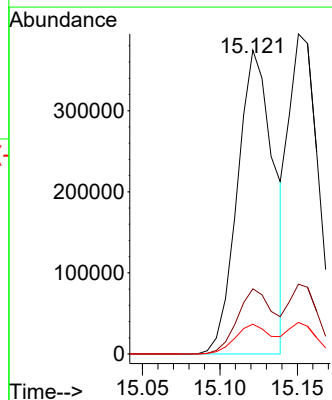
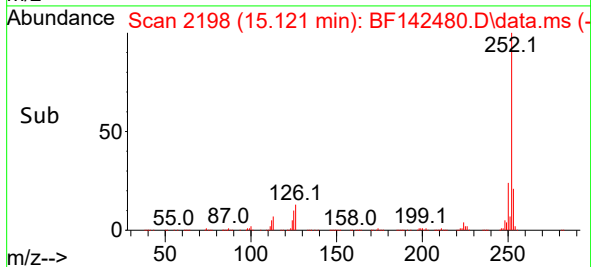
Tgt Ion:276 Resp: 812696
Ion Ratio Lower Upper
276 100
138 24.7 19.9 29.9
277 25.1 20.2 30.2

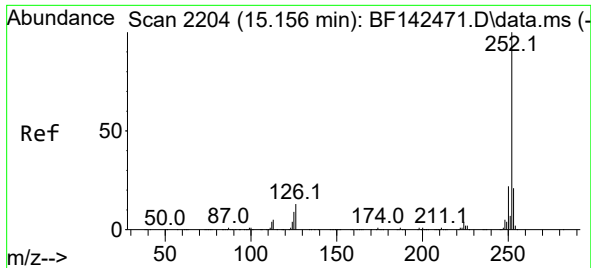


#88
Benzo(b)fluoranthene
Concen: 44.816 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37



Tgt Ion:252 Resp: 609272
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.4
125 9.8 7.4 11.0

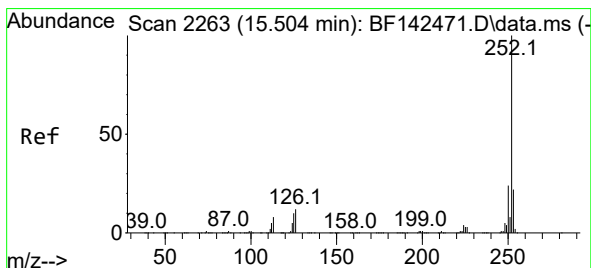
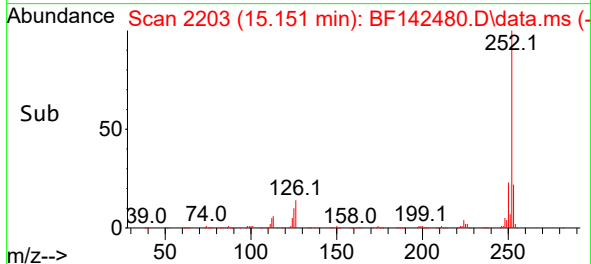
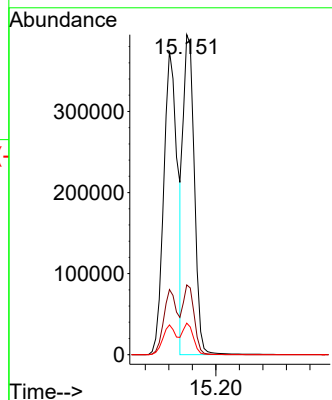
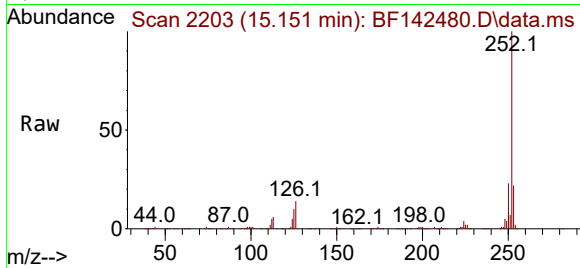




#89
Benzo(k)fluoranthene
Concen: 40.959 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

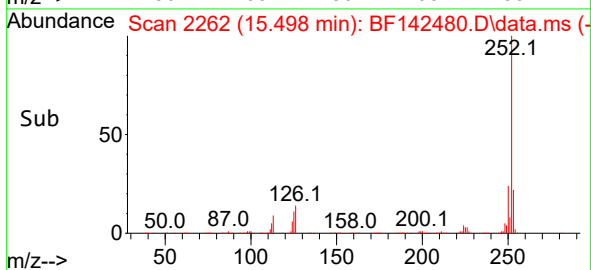
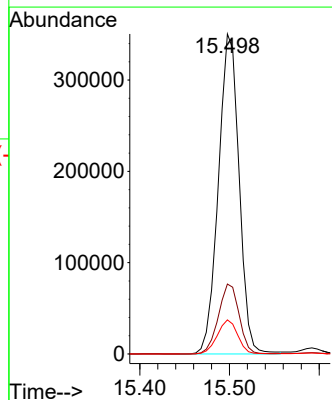
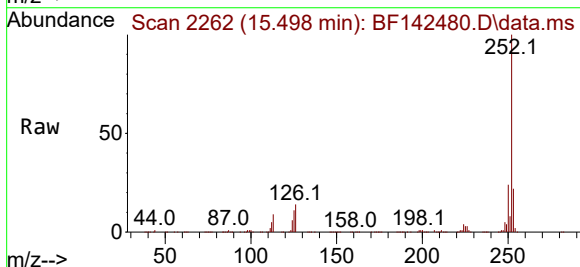
Instrument :
BNA_F
ClientSampleId :
PB168083BS

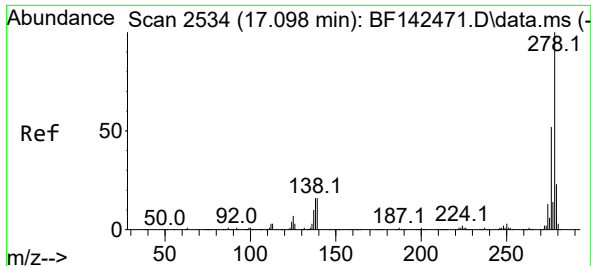
Tgt Ion:252 Resp: 521543
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.4
125 9.8 7.3 10.9



#90
Benzo(a)pyrene
Concen: 43.852 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:252 Resp: 561953
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.7 7.9 11.9



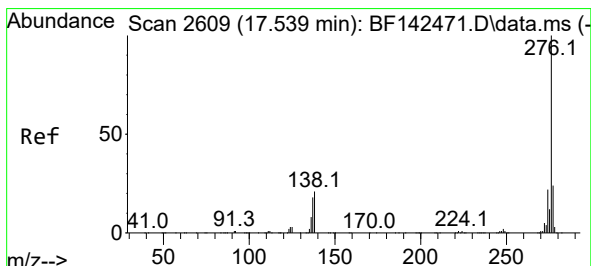
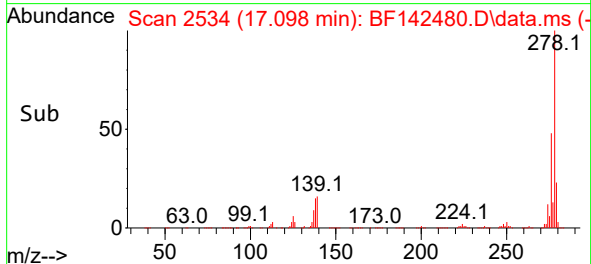
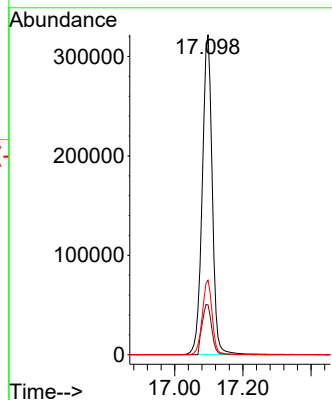
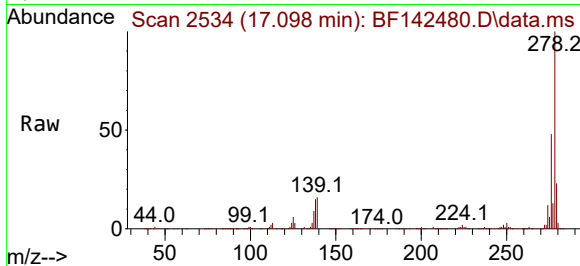


#91
Dibenzo(a,h)anthracene
Concen: 47.014 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:278 Resp: 657561

Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.8	19.2
279	23.3	18.6	28.0



#92
Benzo(g,h,i)perylene
Concen: 47.503 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.024 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:276 Resp: 664539

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.2	28.8
138	21.9	16.8	25.2

