

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
 Data File : BF142504.D
 Acq On : 22 May 2025 12:09
 Operator : RC/JU
 Sample : PB168104BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168104BS

Quant Time: May 22 12:37:54 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	107519	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	414215	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	223700	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	344893	20.000	ng	0.00
76) Chrysene-d12	14.068	240	180669	20.000	ng	0.00
86) Perylene-d12	15.557	264	222857	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	762645	119.502	ng	0.00
7) Phenol-d6	6.528	99	913406	118.898	ng	0.00
23) Nitrobenzene-d5	7.463	82	562862	74.097	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	290387	116.960	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1201098	72.048	ng	-0.01
79) Terphenyl-d14	13.010	244	877945	66.406	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	91694	35.905	ng	99
3) Pyridine	3.510	79	251574	38.684	ng	100
4) n-Nitrosodimethylamine	3.463	42	142525	42.209	ng	97
6) Aniline	6.563	93	272322	26.364	ng	99
8) 2-Chlorophenol	6.681	128	294615	42.383	ng	98
9) Benzaldehyde	6.451	77	178595	38.652	ng	99
10) Phenol	6.539	94	348542	40.321	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	263316	42.318	ng	99
12) 1,3-Dichlorobenzene	6.839	146	314465	40.542	ng	99
13) 1,4-Dichlorobenzene	6.916	146	318339	40.743	ng	99
14) 1,2-Dichlorobenzene	7.069	146	306967	41.059	ng	99
15) Benzyl Alcohol	7.039	79	236599	41.675	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	427304	40.892	ng	99
17) 2-Methylphenol	7.145	107	228301	42.066	ng	99
18) Hexachloroethane	7.410	117	111422	40.840	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	190866	40.088	ng	99
20) 3+4-Methylphenols	7.298	107	287490	41.366	ng	92
22) Acetophenone	7.304	105	379925	41.434	ng	95
24) Nitrobenzene	7.481	77	284341	41.503	ng	100
25) Isophorone	7.722	82	522203	41.117	ng	98
26) 2-Nitrophenol	7.798	139	158519	43.302	ng	98
27) 2,4-Dimethylphenol	7.833	122	271968	42.127	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	325890	41.077	ng	99
29) 2,4-Dichlorophenol	8.039	162	248174	42.270	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	262769	41.240	ng	98
31) Naphthalene	8.204	128	834614	40.921	ng	100
32) Benzoic acid	7.945	122	176783	44.985	ng	99
33) 4-Chloroaniline	8.251	127	82883	10.029	ng	98
34) Hexachlorobutadiene	8.322	225	162288	40.791	ng	99
35) Caprolactam	8.616	113	72337m	43.869	ng	
36) 4-Chloro-3-methylphenol	8.728	107	250563	41.643	ng	99
37) 2-Methylnaphthalene	8.892	142	521172	40.617	ng	100
38) 1-Methylnaphthalene	8.992	142	543869	40.977	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	261099	40.660	ng	99
41) Hexachlorocyclopentadiene	9.051	237	370647	85.563	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	186786	43.137	ng	96

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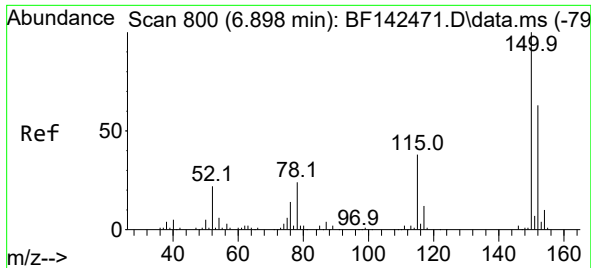
Quant Time: May 22 12:37:54 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	188288	41.230	ng	99
46) 1,1'-Biphenyl	9.357	154	717348	41.334	ng	99
47) 2-Chloronaphthalene	9.386	162	525668	40.996	ng	99
48) 2-Nitroaniline	9.480	65	152905	41.256	ng	96
49) Acenaphthylene	9.804	152	893894	41.285	ng	100
50) Dimethylphthalate	9.657	163	606899	41.116	ng	100
51) 2,6-Dinitrotoluene	9.722	165	132971	41.739	ng	100
52) Acenaphthene	9.975	154	592029	44.779	ng	99
53) 3-Nitroaniline	9.886	138	62942	18.089	ng	99
54) 2,4-Dinitrophenol	9.998	184	155962	94.758	ng	92
55) Dibenzofuran	10.145	168	776249	40.800	ng	100
56) 4-Nitrophenol	10.045	139	212702	82.846	ng	97
57) 2,4-Dinitrotoluene	10.127	165	175818	42.259	ng	98
58) Fluorene	10.486	166	595014	40.482	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	156576	41.070	ng	99
60) Diethylphthalate	10.363	149	567987	39.400	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	284441	39.394	ng	98
62) 4-Nitroaniline	10.504	138	125380	39.730	ng	99
63) Azobenzene	10.639	77	518793	40.067	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	92653	48.137	ng	99
66) n-Nitrosodiphenylamine	10.598	169	513459	43.515	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	174600	42.814	ng	99
68) Hexachlorobenzene	11.033	284	198943	44.107	ng	98
69) Atrazine	11.121	200	130802	41.741	ng	99
70) Pentachlorophenol	11.227	266	222656	87.434	ng	99
71) Phenanthrene	11.451	178	775776	42.089	ng	100
72) Anthracene	11.504	178	801874	42.628	ng	99
73) Carbazole	11.657	167	650220	40.433	ng	100
74) Di-n-butylphthalate	11.986	149	672901	38.227	ng	99
75) Fluoranthene	12.639	202	672306	39.036	ng	99
77) Benzidine	12.757	184	249267	37.075	ng	99
78) Pyrene	12.868	202	662964	39.336	ng	100
80) Butylbenzylphthalate	13.486	149	208688	44.812	ng	98
81) Benzo(a)anthracene	14.057	228	510999	42.356	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	68378	18.687	ng	99
83) Chrysene	14.092	228	471946	43.536	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	331407	55.590	ng	99
85) Di-n-octyl phthalate	14.657	149	578597	49.636	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	701316	41.918	ng	99
88) Benzo(b)fluoranthene	15.121	252	550465	41.734	ng	99
89) Benzo(k)fluoranthene	15.151	252	554394	44.877	ng	99
90) Benzo(a)pyrene	15.498	252	547540	44.041	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	566893	41.777	ng	100
92) Benzo(g,h,i)perylene	17.527	276	565003	41.629	ng	98

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

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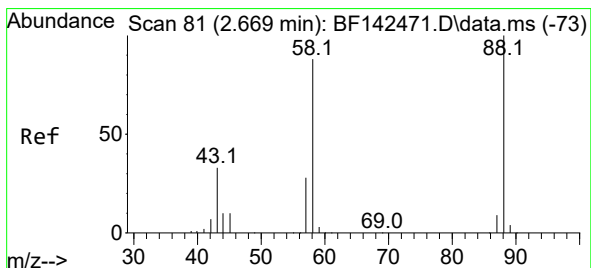
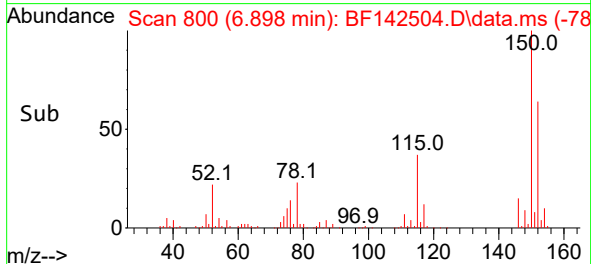
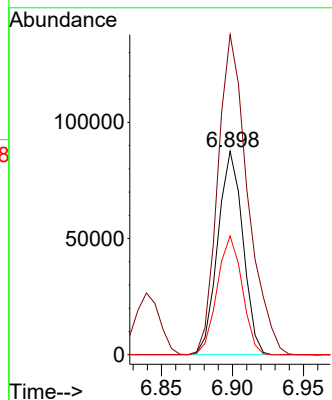
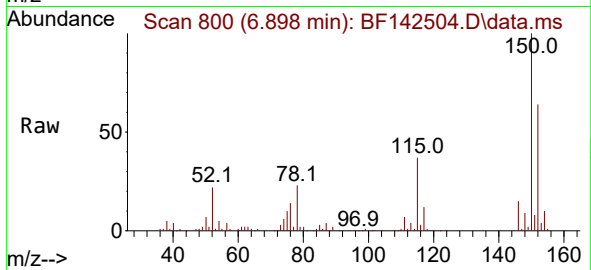




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142504.D
 Acq: 22 May 2025 12:09

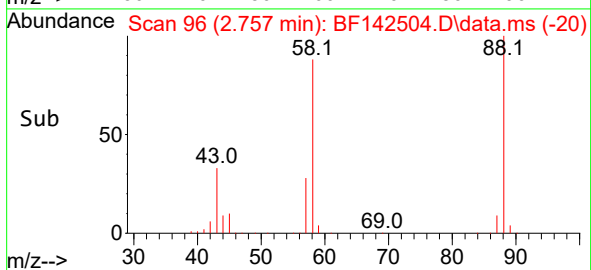
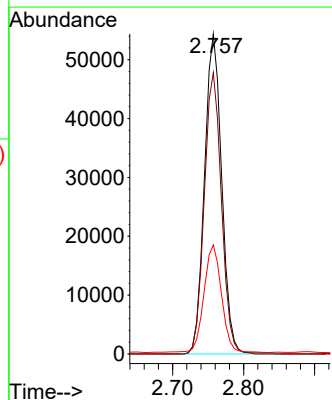
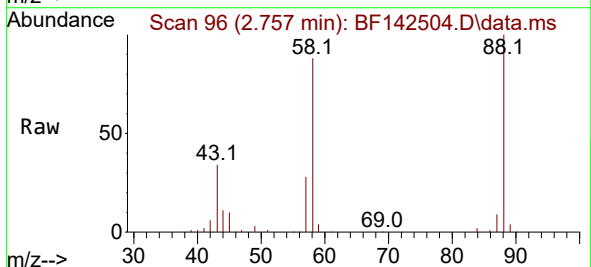
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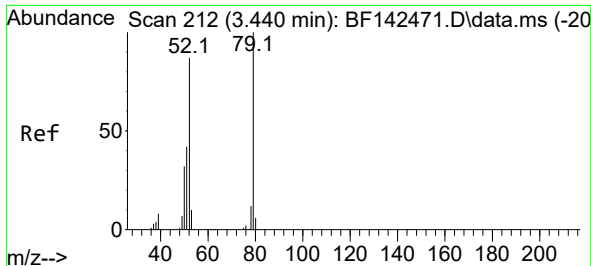
Tgt Ion:152 Resp: 107519
 Ion Ratio Lower Upper
 152 100
 150 157.4 128.2 192.4
 115 58.4 48.3 72.5



#2
 1,4-Dioxane
 Concen: 35.905 ng
 RT: 2.757 min Scan# 96
 Delta R.T. 0.094 min
 Lab File: BF142504.D
 Acq: 22 May 2025 12:09

Tgt Ion: 88 Resp: 91694
 Ion Ratio Lower Upper
 88 100
 58 87.7 70.8 106.2
 43 34.4 26.6 40.0





#3

Pyridine

Concen: 38.684 ng

RT: 3.510 min Scan# 21

Delta R.T. 0.071 min

Lab File: BF142504.D

Acq: 22 May 2025 12:09

Instrument :

BNA_F

ClientSampleId :

PB168104BS

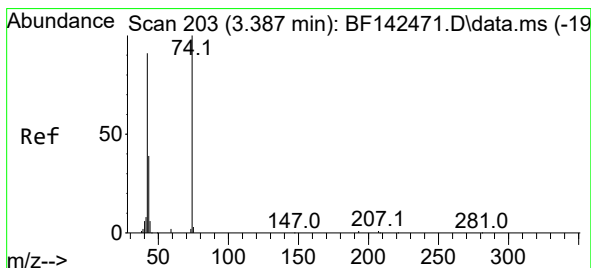
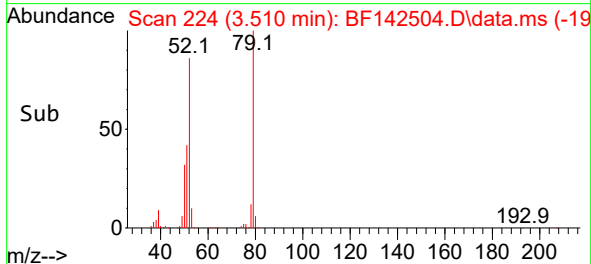
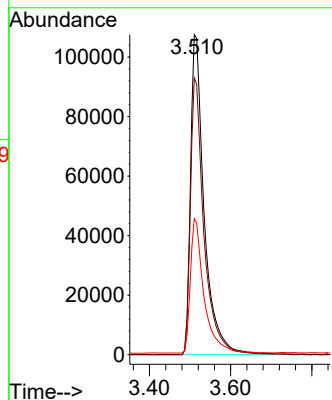
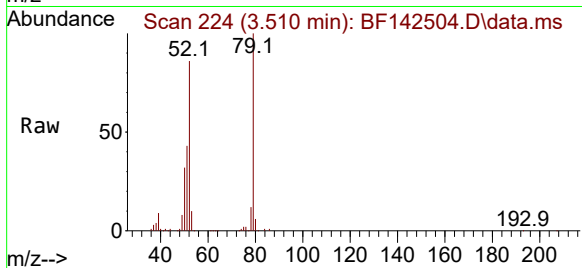
Tgt Ion: 79 Resp: 251574

Ion Ratio Lower Upper

79 100

52 86.5 69.2 103.8

51 42.5 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 42.209 ng

RT: 3.463 min Scan# 216

Delta R.T. 0.059 min

Lab File: BF142504.D

Acq: 22 May 2025 12:09

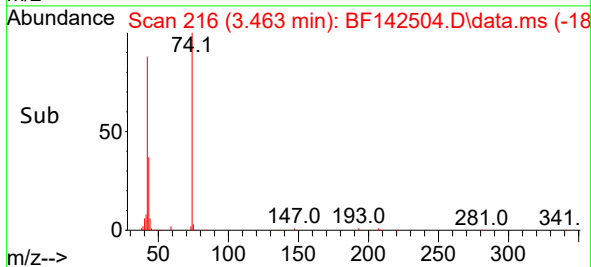
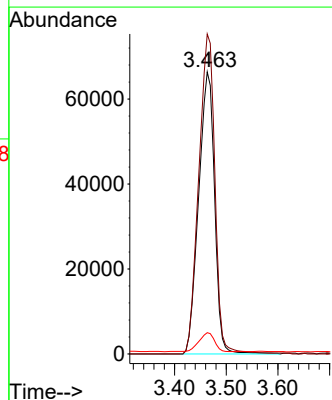
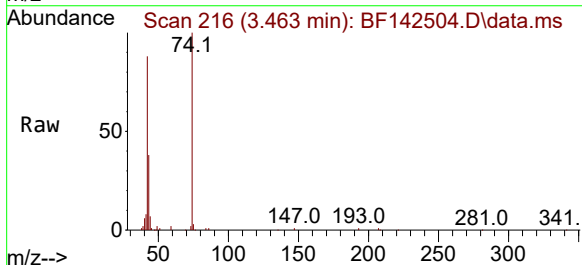
Tgt Ion: 42 Resp: 142525

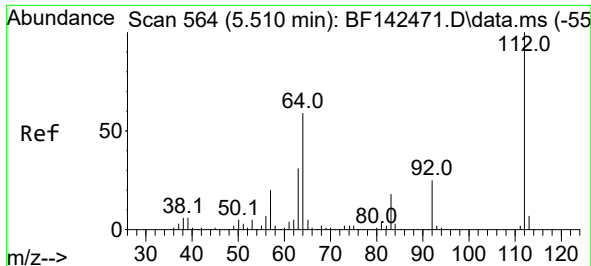
Ion Ratio Lower Upper

42 100

74 113.5 88.2 132.4

44 7.5 5.4 8.2

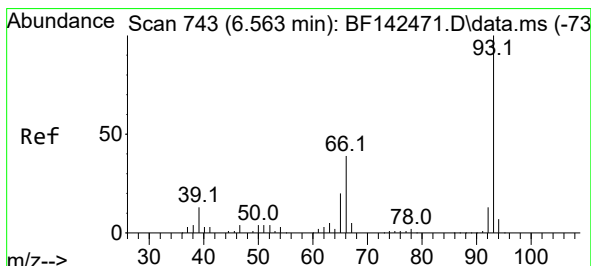
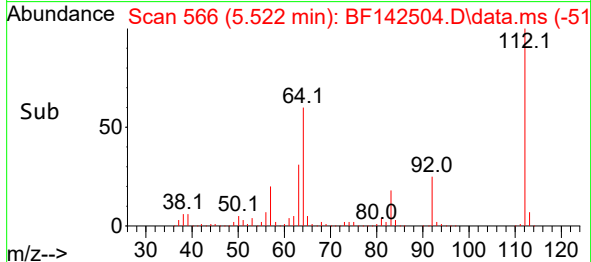
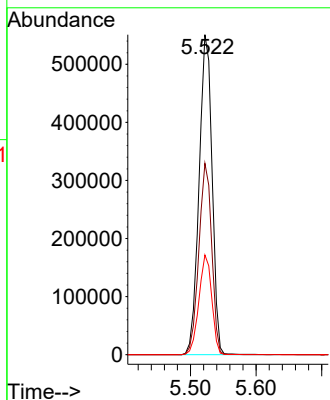
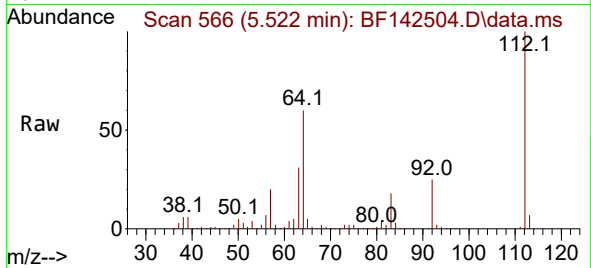




#5
2-Fluorophenol
Concen: 119.502 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

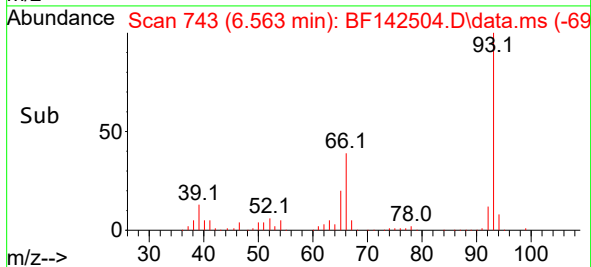
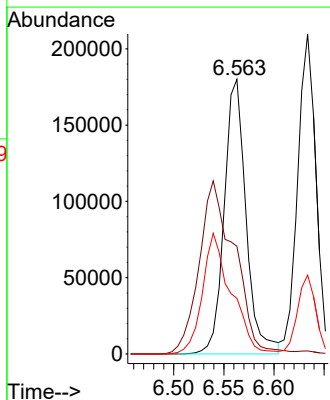
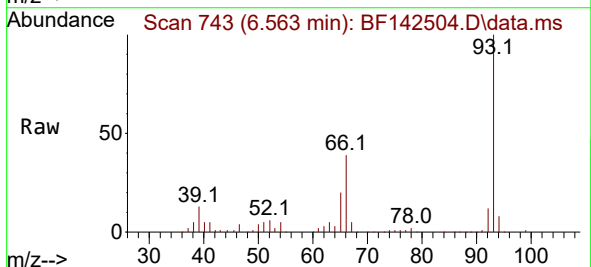
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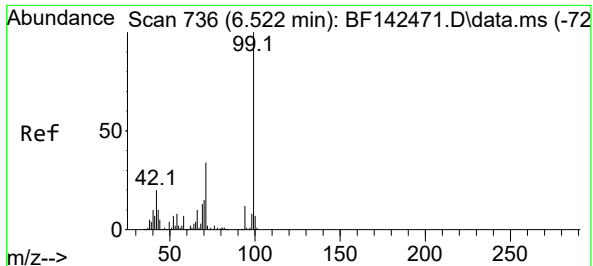
Tgt Ion:112 Resp: 762645
Ion Ratio Lower Upper
112 100
64 59.8 47.5 71.3
63 31.2 24.9 37.3



#6
Aniline
Concen: 26.364 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Tgt Ion: 93 Resp: 272322
Ion Ratio Lower Upper
93 100
66 39.2 32.0 48.0
65 20.3 16.1 24.1

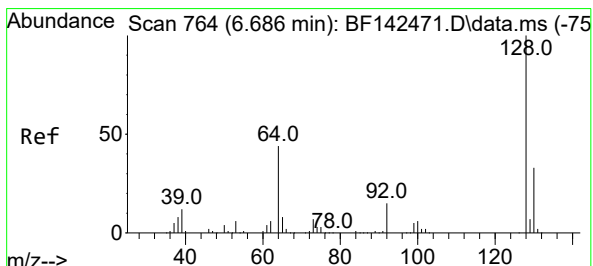
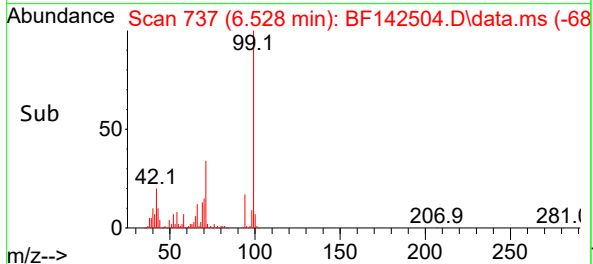
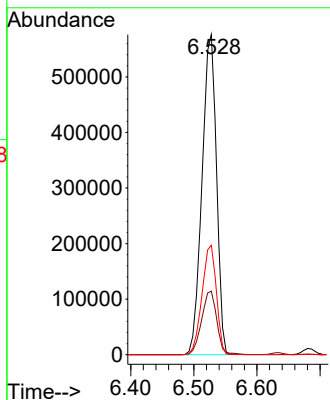
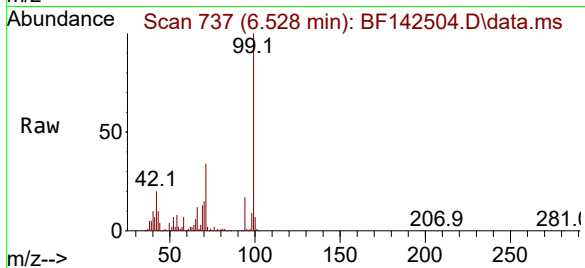




#7
Phenol-d6
Concen: 118.898 ng
RT: 6.528 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

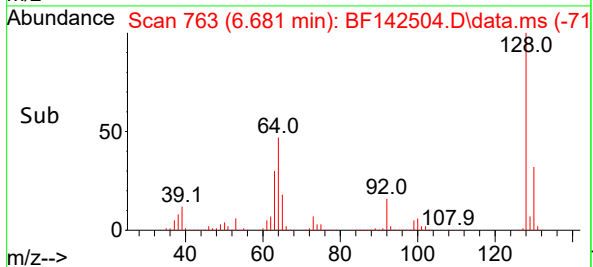
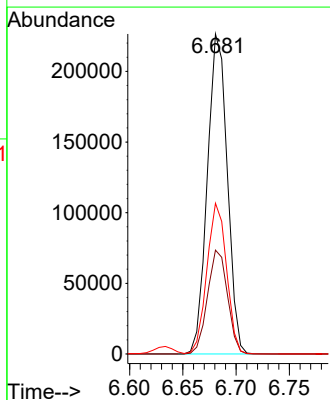
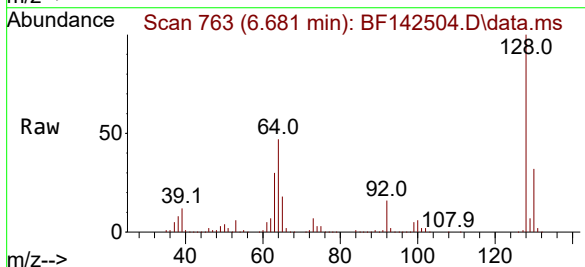
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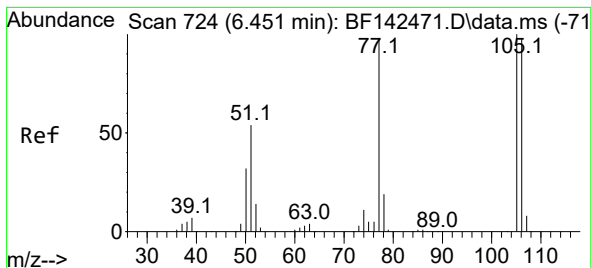
Tgt Ion: 99 Resp: 913406
Ion Ratio Lower Upper
99 100
42 19.9 16.2 24.2
71 34.2 27.3 40.9



#8
2-Chlorophenol
Concen: 42.383 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Tgt Ion:128 Resp: 294615
Ion Ratio Lower Upper
128 100
130 32.5 12.6 52.6
64 47.1 25.1 65.1





#9

Benzaldehyde

Concen: 38.652 ng

RT: 6.451 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142504.D

Acq: 22 May 2025 12:09

Instrument :

BNA_F

ClientSampleId :

PB168104BS

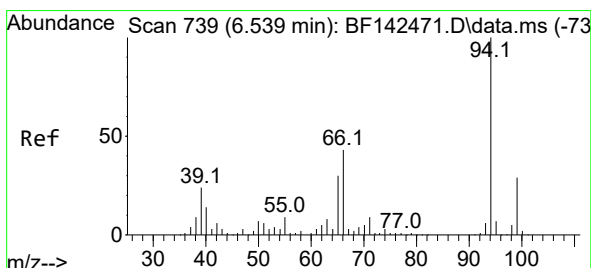
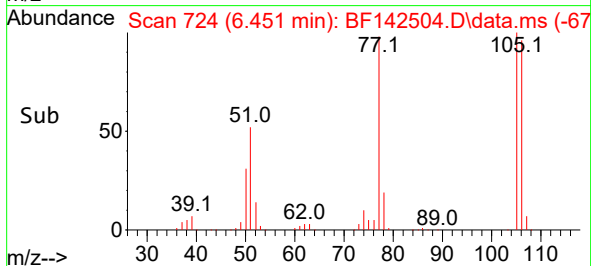
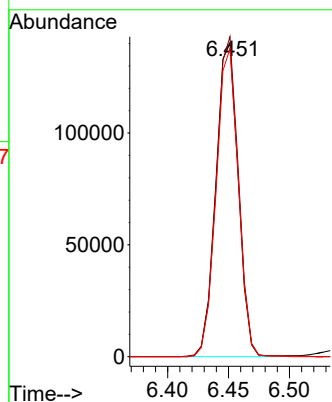
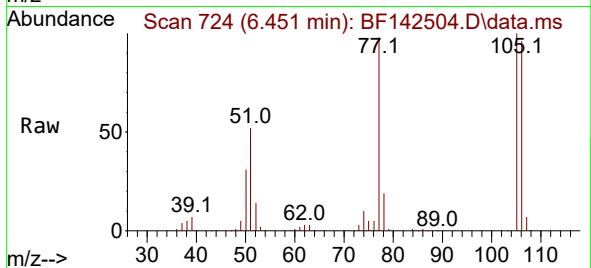
Tgt Ion: 77 Resp: 178595

Ion Ratio Lower Upper

77 100

105 102.1 82.5 122.5

106 98.3 80.0 120.0



#10

Phenol

Concen: 40.321 ng

RT: 6.539 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF142504.D

Acq: 22 May 2025 12:09

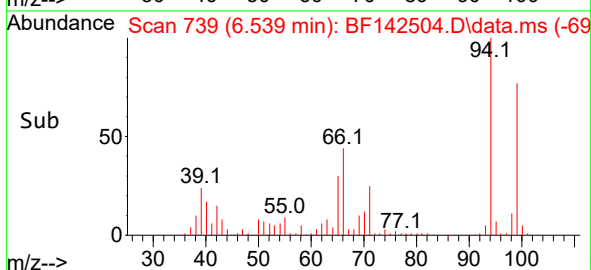
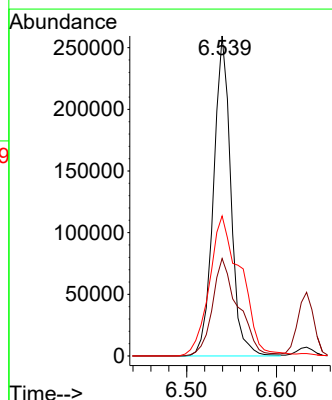
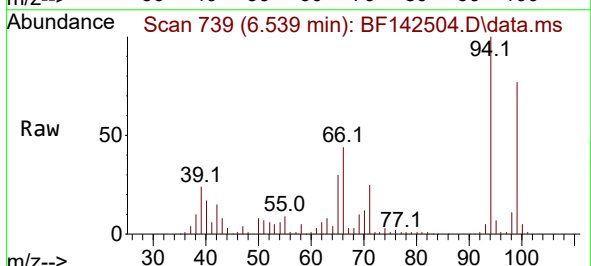
Tgt Ion: 94 Resp: 348542

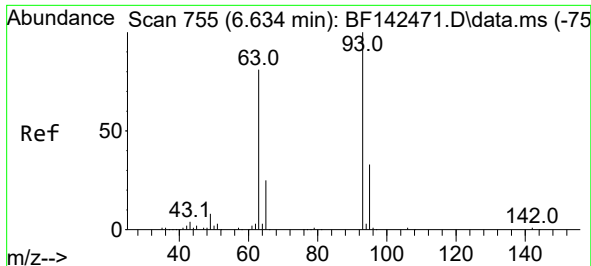
Ion Ratio Lower Upper

94 100

65 30.5 10.3 50.3

66 43.7 22.6 62.6

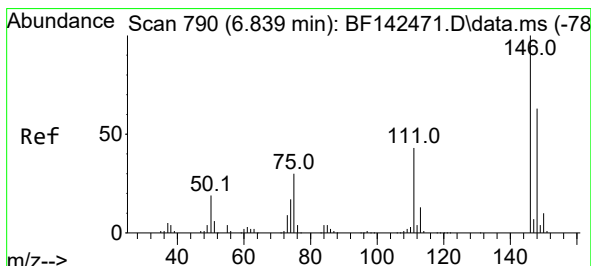
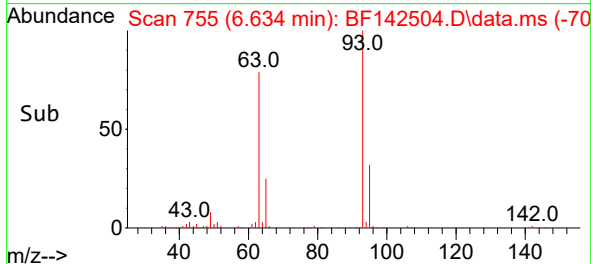
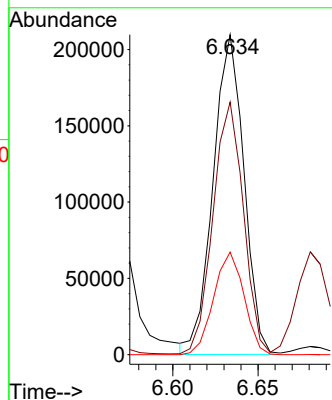
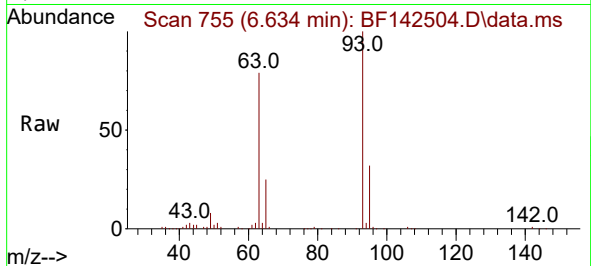




#11
bis(2-Chloroethyl)ether
Concen: 42.318 ng
RT: 6.634 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

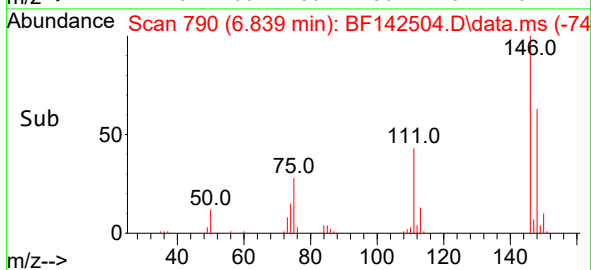
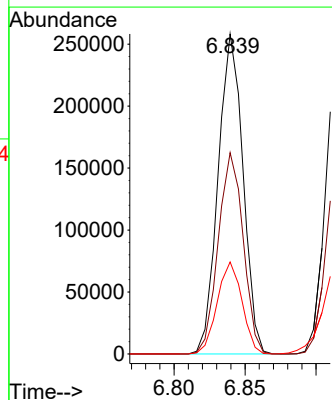
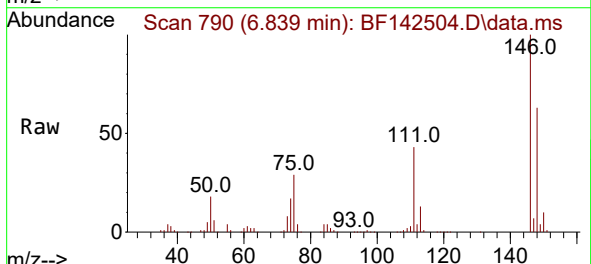
Instrument :
BNA_F
ClientSampleId :
PB168104BS

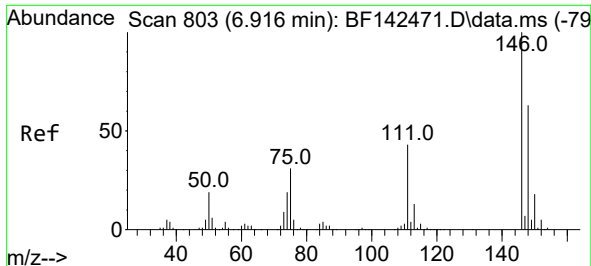
Tgt Ion: 93 Resp: 263316
Ion Ratio Lower Upper
93 100
63 79.0 60.2 100.2
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 40.542 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Tgt Ion: 146 Resp: 314465
Ion Ratio Lower Upper
146 100
148 62.9 50.6 75.8
75 28.8 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 40.743 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142504.D

Acq: 22 May 2025 12:09

Instrument :

BNA_F

ClientSampleId :

PB168104BS

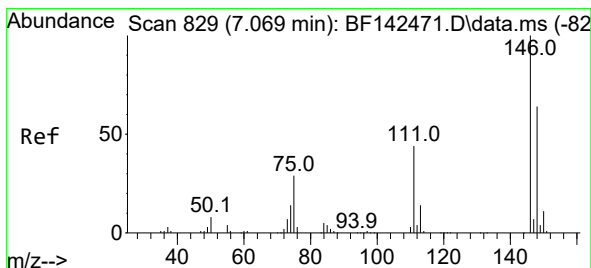
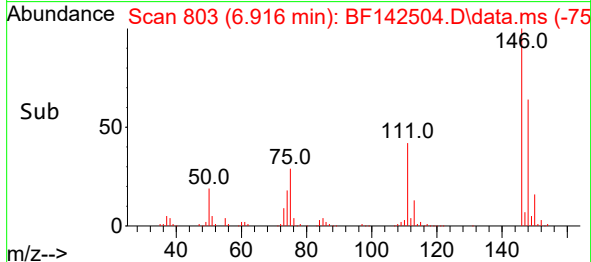
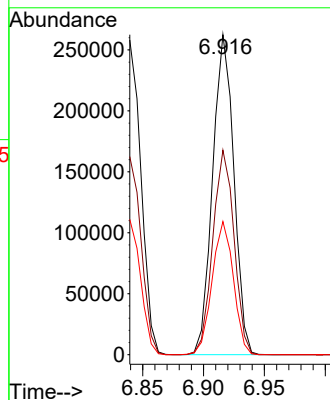
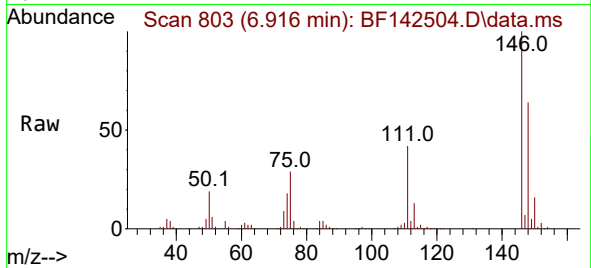
Tgt Ion:146 Resp: 318339

Ion Ratio Lower Upper

146 100

148 63.9 50.4 75.6

111 41.6 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 41.059 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142504.D

Acq: 22 May 2025 12:09

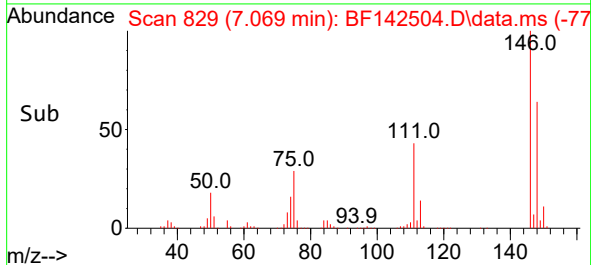
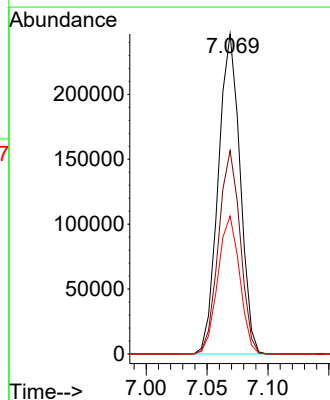
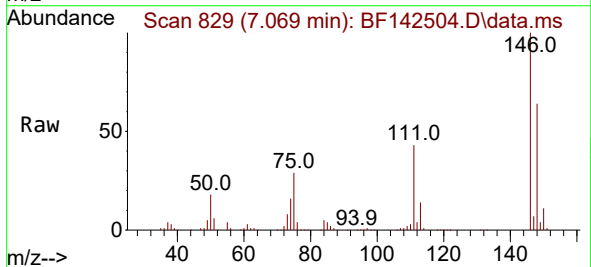
Tgt Ion:146 Resp: 306967

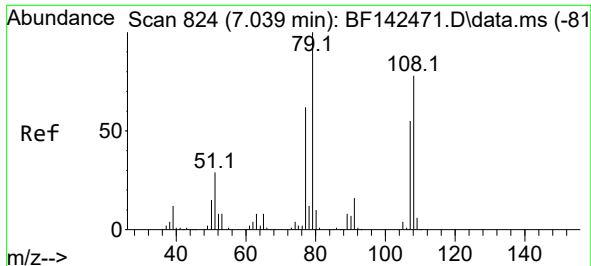
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.4

111 43.1 35.0 52.6

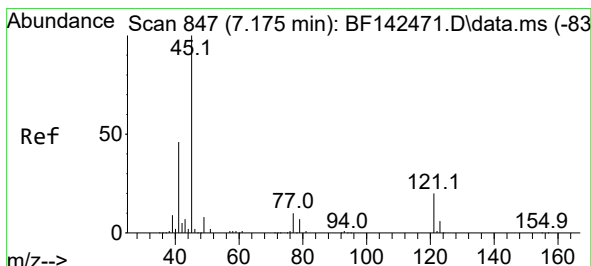
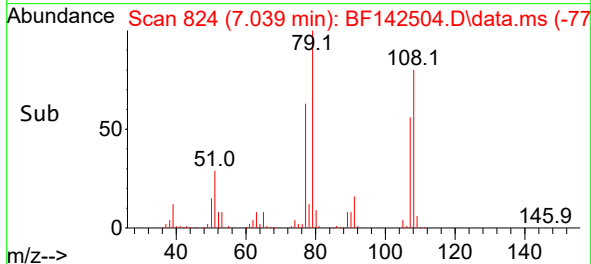
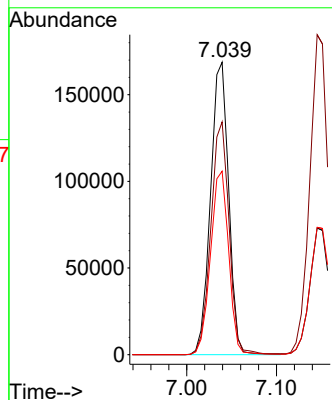
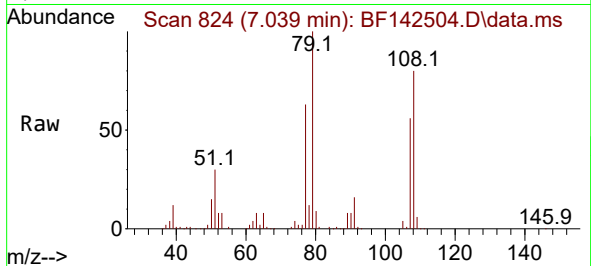




#15
Benzyl Alcohol
Concen: 41.675 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

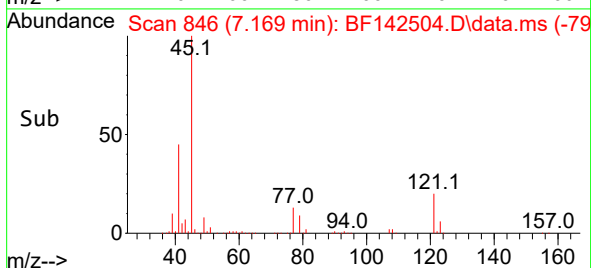
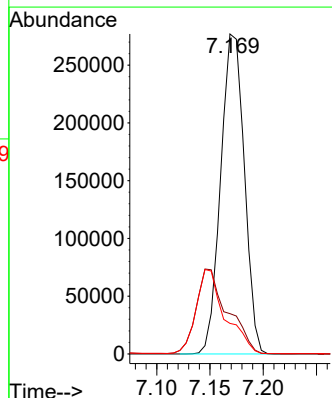
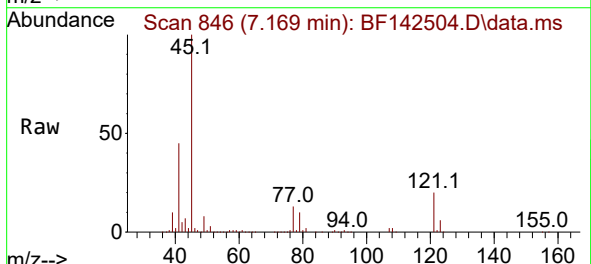
Instrument :
BNA_F
ClientSampleId :
PB168104BS

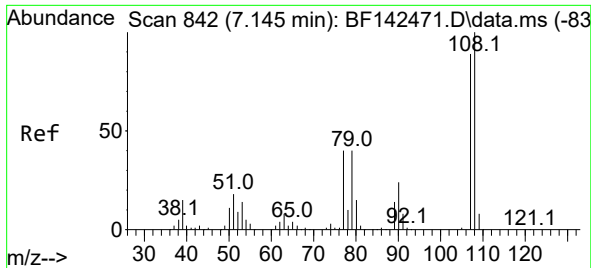
Tgt Ion: 79 Resp: 236599
Ion Ratio Lower Upper
79 100
108 79.6 62.1 93.1
77 62.8 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.892 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Tgt Ion: 45 Resp: 427304
Ion Ratio Lower Upper
45 100
77 12.6 0.0 32.0
79 9.5 0.0 29.2

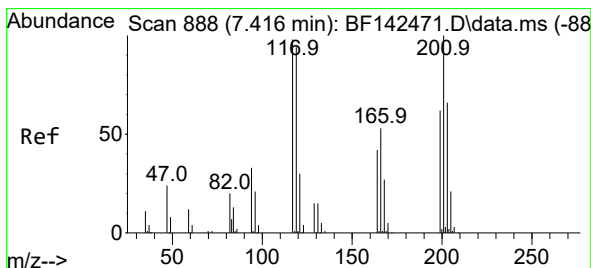
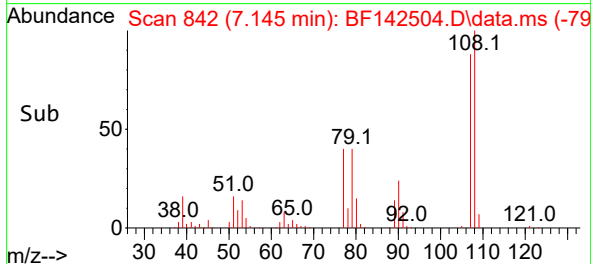
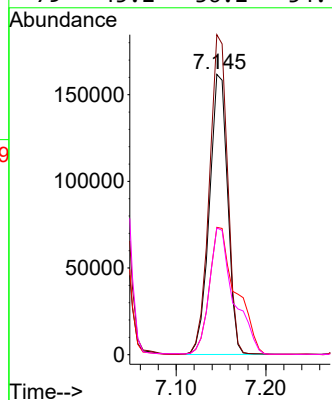
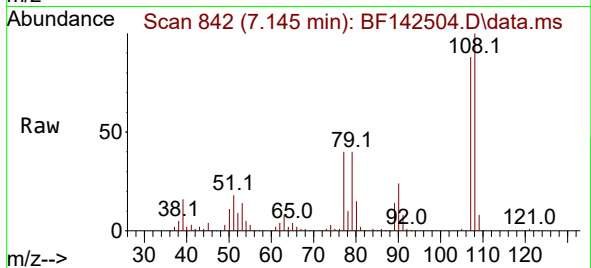




#17
2-Methylphenol
Concen: 42.066 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

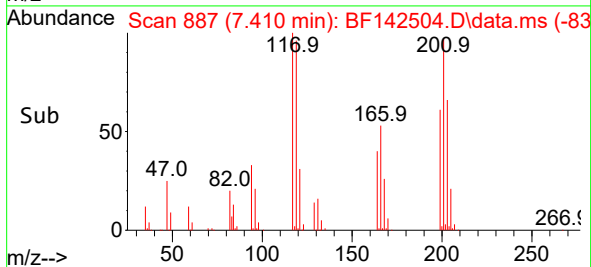
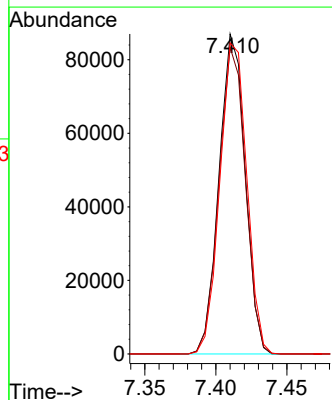
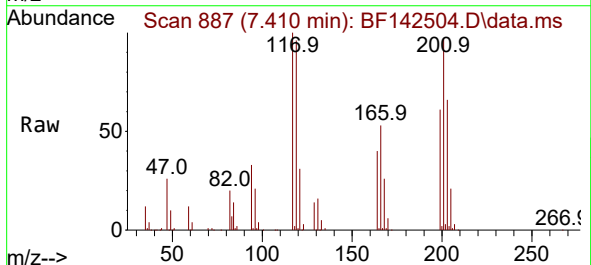
Instrument :
BNA_F
ClientSampleId :
PB168104BS

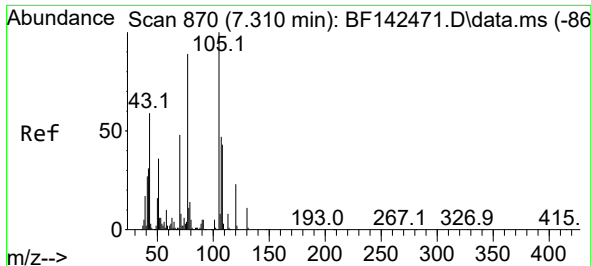
Tgt Ion:107 Resp: 228301
Ion Ratio Lower Upper
107 100
108 114.1 90.2 135.2
77 45.4 36.1 54.1
79 45.2 36.2 54.4



#18
Hexachloroethane
Concen: 40.840 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Tgt Ion:117 Resp: 111422
Ion Ratio Lower Upper
117 100
119 95.8 76.6 114.8
201 97.2 81.3 121.9



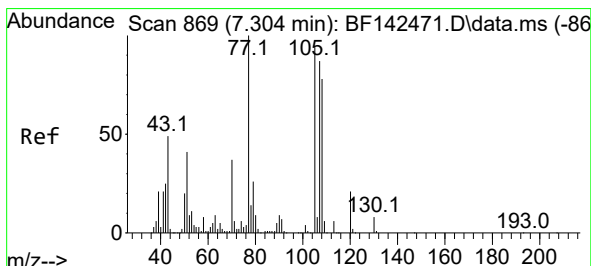
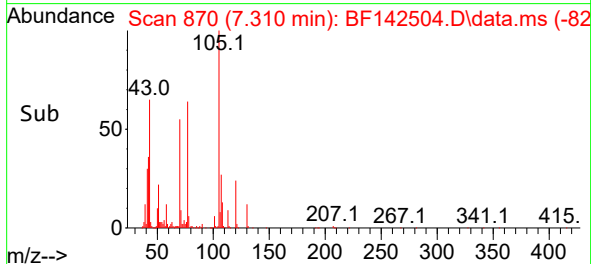
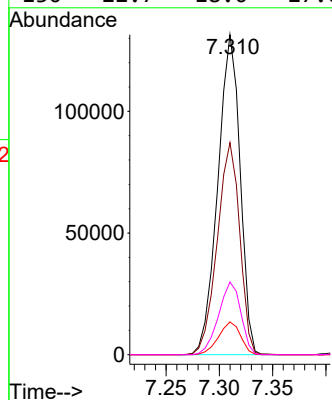
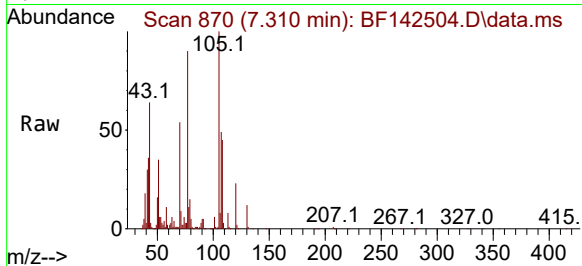


#19
n-Nitroso-di-n-propylamine
Concen: 40.088 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Instrument :
BNA_F
ClientSampleId :
PB168104BS

Tgt Ion: 70 Resp: 190866

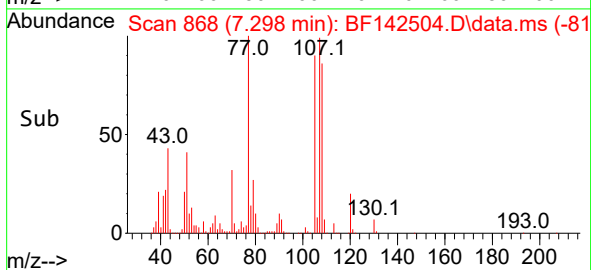
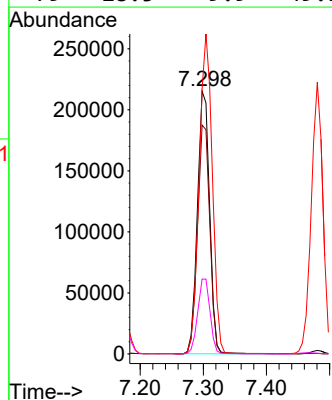
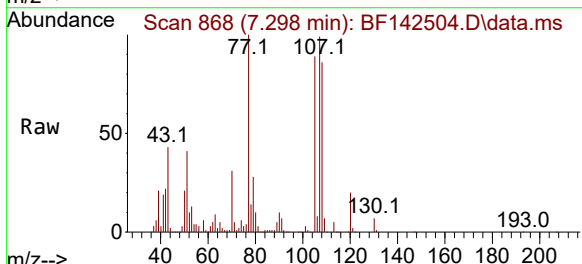
Ion	Ratio	Lower	Upper
70	100		
42	66.2	52.4	78.6
101	10.2	7.8	11.8
130	22.7	18.0	27.0

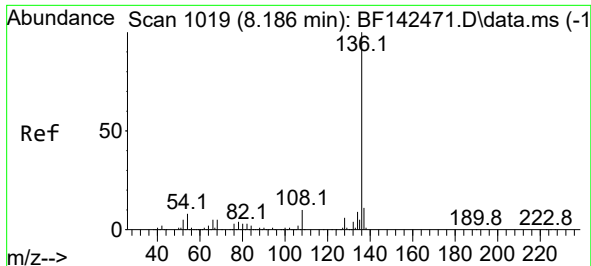


#20
3+4-Methylphenols
Concen: 41.366 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Tgt Ion: 107 Resp: 287490

Ion	Ratio	Lower	Upper
107	100		
108	87.2	70.4	110.4
77	100.9	95.4	135.4
79	28.5	9.9	49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF142504.D

Acq: 22 May 2025 12:09

Instrument :

BNA_F

ClientSampleId :

PB168104BS

Tgt Ion:136 Resp: 414215

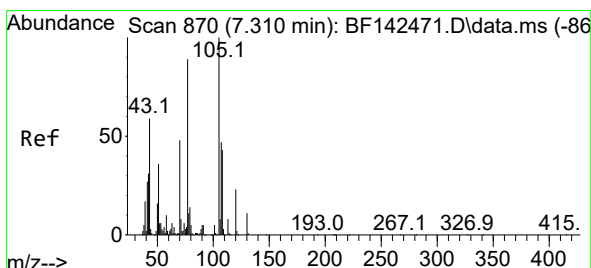
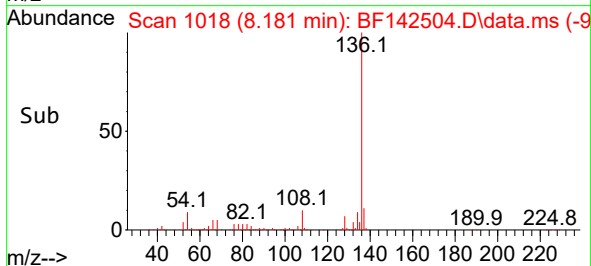
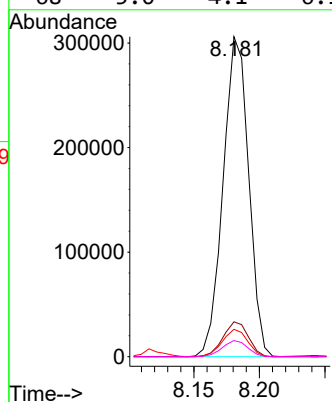
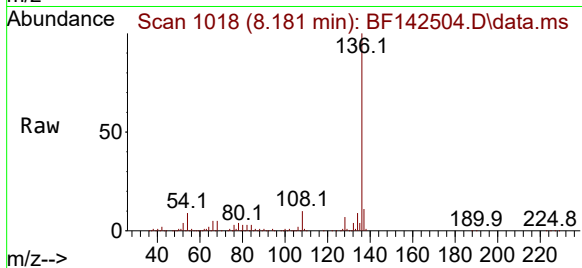
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.6 6.6 10.0

68 5.0 4.1 6.1



#22

Acetophenone

Concen: 41.434 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF142504.D

Acq: 22 May 2025 12:09

Tgt Ion:105 Resp: 379925

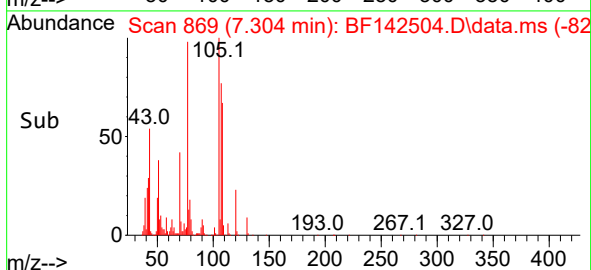
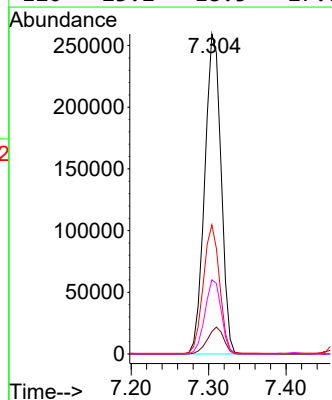
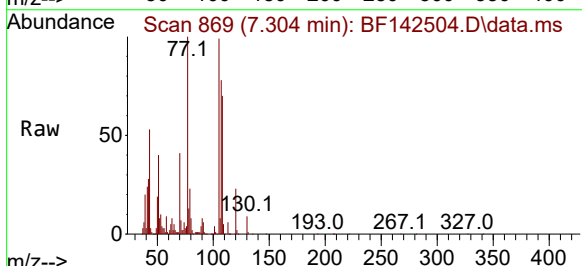
Ion Ratio Lower Upper

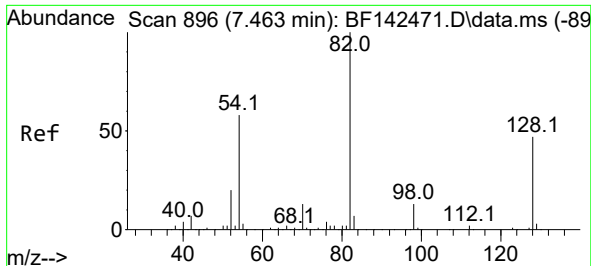
105 100

71 7.0 6.4 9.6

51 40.3 28.6 42.8

120 23.2 18.5 27.7

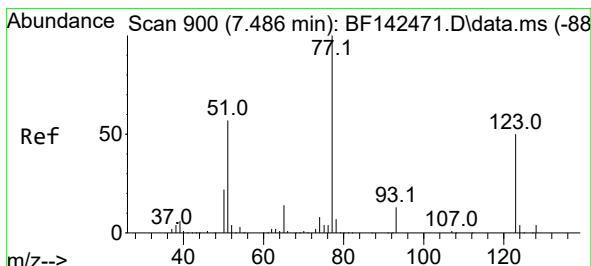
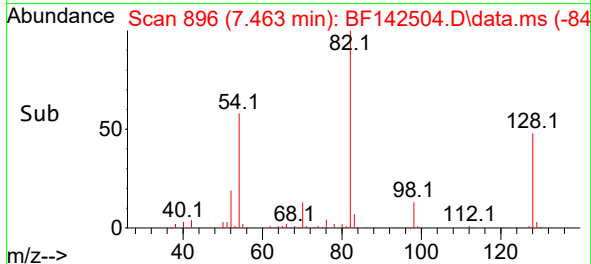
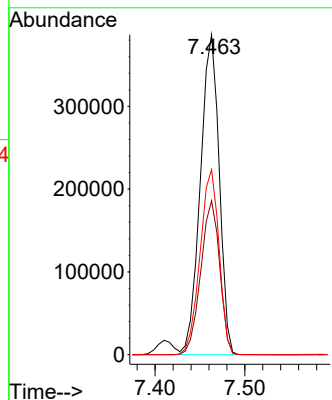
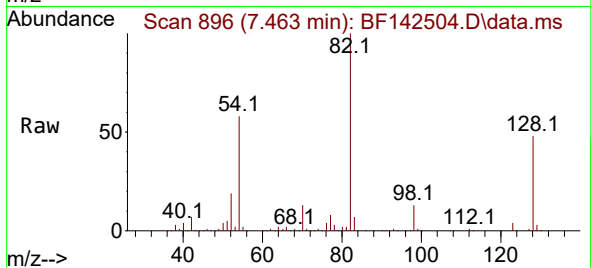




#23
Nitrobenzene-d5
Concen: 74.097 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

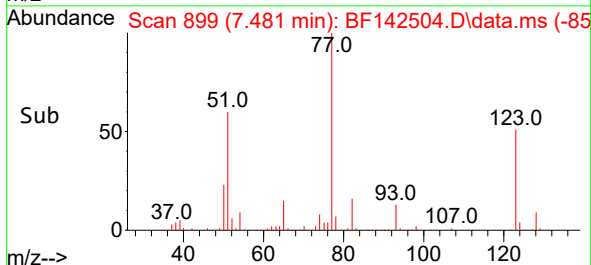
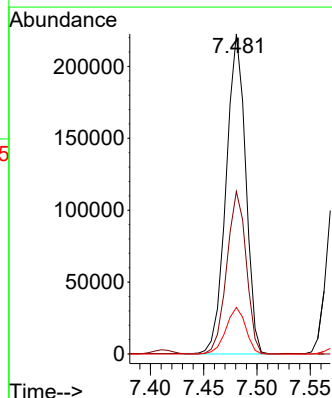
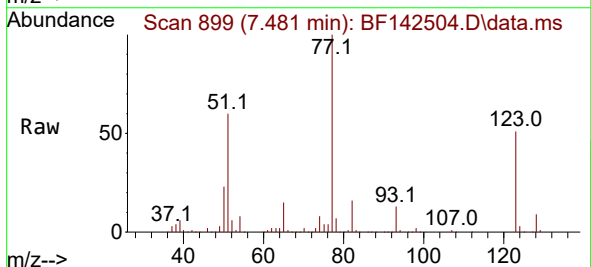
Instrument :
BNA_F
ClientSampleId :
PB168104BS

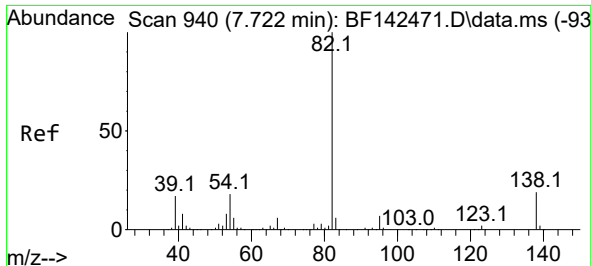
Tgt Ion: 82 Resp: 562862
Ion Ratio Lower Upper
82 100
128 48.1 37.4 56.2
54 57.8 46.6 70.0



#24
Nitrobenzene
Concen: 41.503 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Tgt Ion: 77 Resp: 284341
Ion Ratio Lower Upper
77 100
123 50.8 40.6 61.0
65 14.5 11.4 17.2

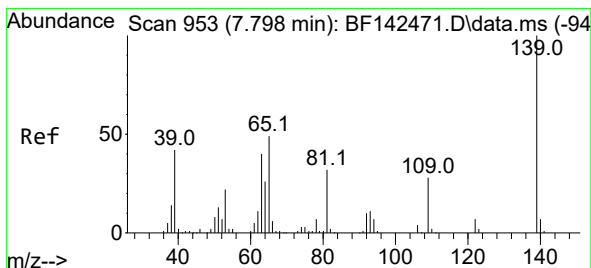
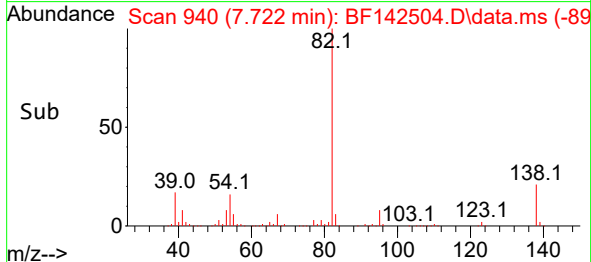
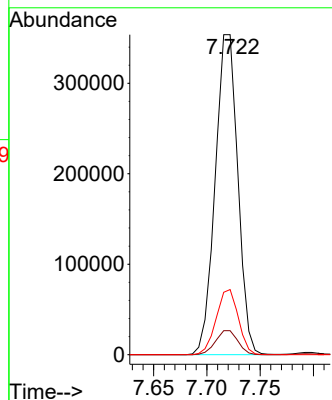
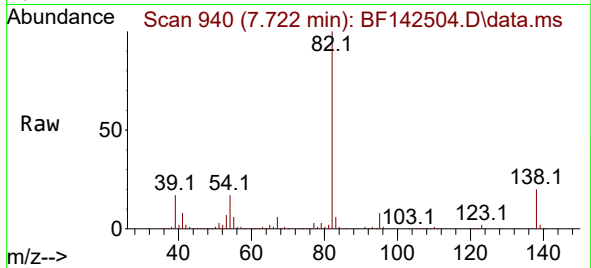




#25
Isophorone
Concen: 41.117 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

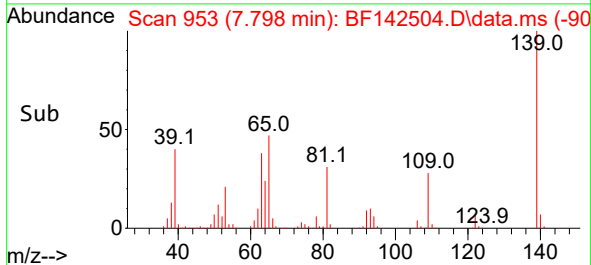
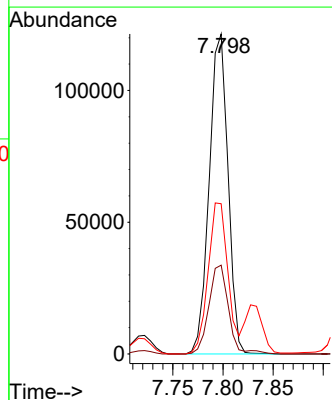
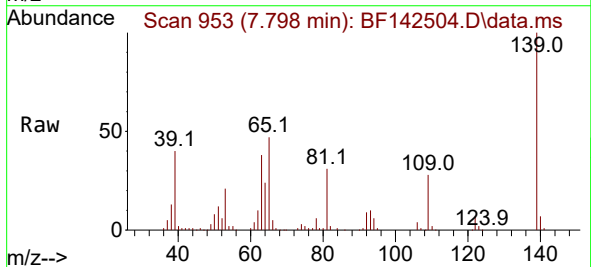
Instrument :
BNA_F
ClientSampleId :
PB168104BS

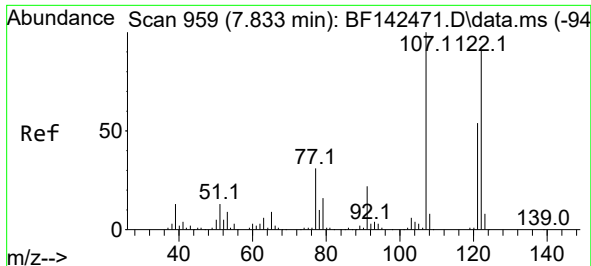
Tgt Ion: 82 Resp: 522203
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 20.3 15.5 23.3



#26
2-Nitrophenol
Concen: 43.302 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Tgt Ion:139 Resp: 158519
Ion Ratio Lower Upper
139 100
109 27.7 22.6 33.8
65 47.0 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 42.127 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142504.D

Acq: 22 May 2025 12:09

Instrument :

BNA_F

ClientSampleId :

PB168104BS

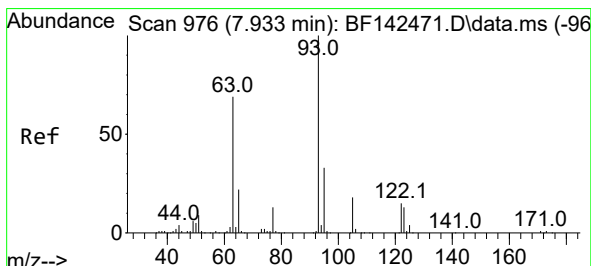
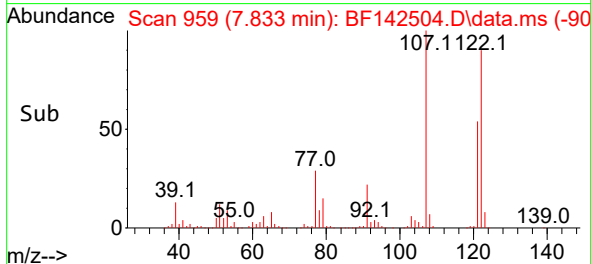
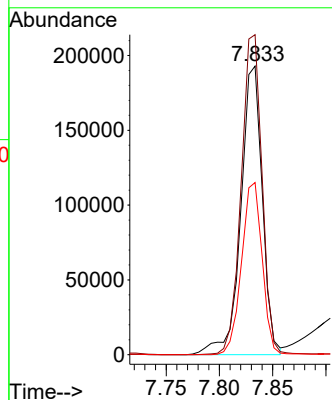
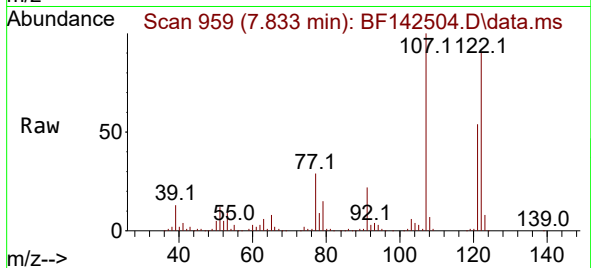
Tgt Ion:122 Resp: 271968

Ion Ratio Lower Upper

122 100

107 110.8 88.1 132.1

121 59.6 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 41.077 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142504.D

Acq: 22 May 2025 12:09

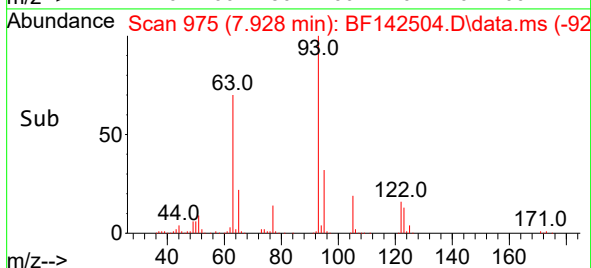
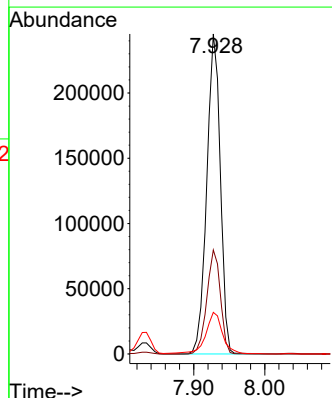
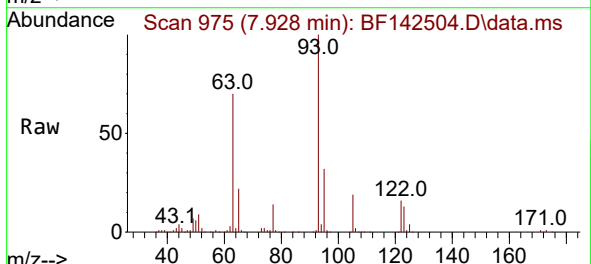
Tgt Ion: 93 Resp: 325890

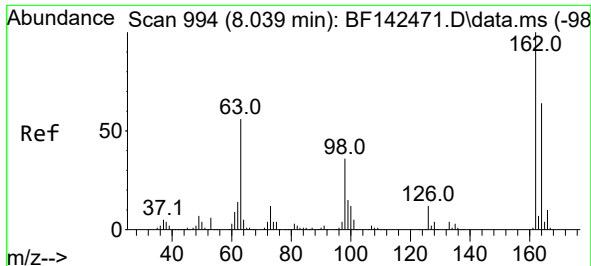
Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

123 13.0 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 42.270 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142504.D

Acq: 22 May 2025 12:09

Instrument :

BNA_F

ClientSampleId :

PB168104BS

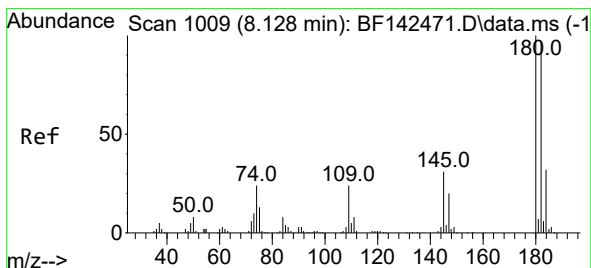
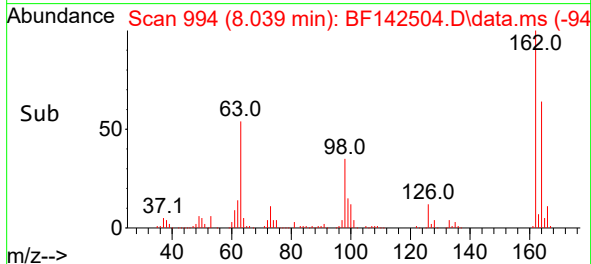
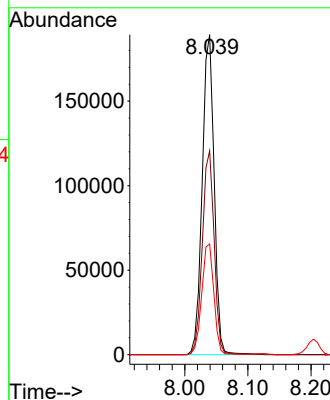
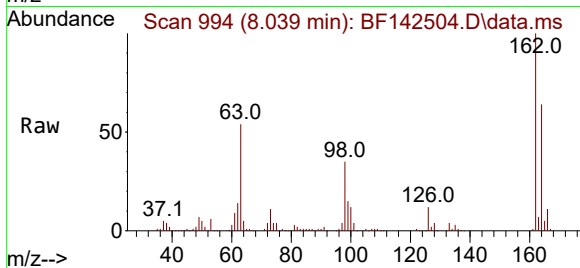
Tgt Ion:162 Resp: 248174

Ion Ratio Lower Upper

162 100

164 63.7 43.7 83.7

98 34.6 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 41.240 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142504.D

Acq: 22 May 2025 12:09

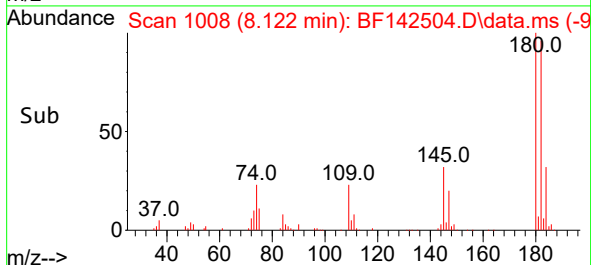
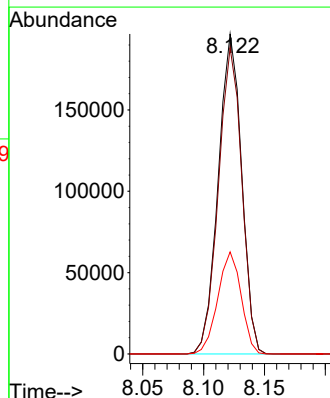
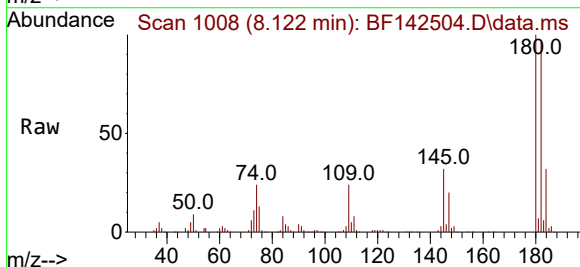
Tgt Ion:180 Resp: 262769

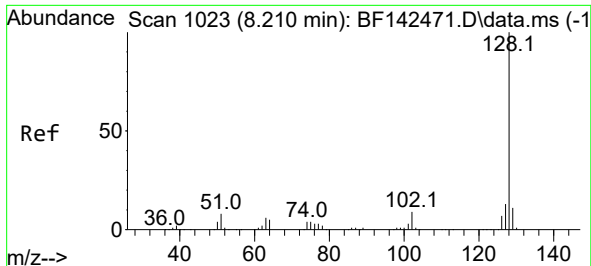
Ion Ratio Lower Upper

180 100

182 95.7 78.0 117.0

145 31.9 25.0 37.6

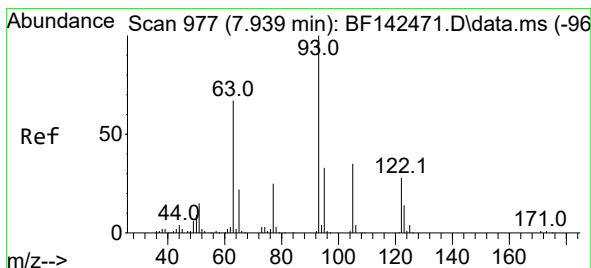
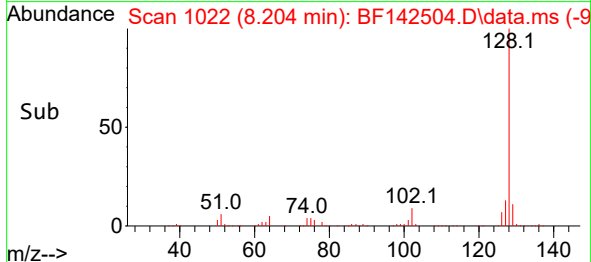
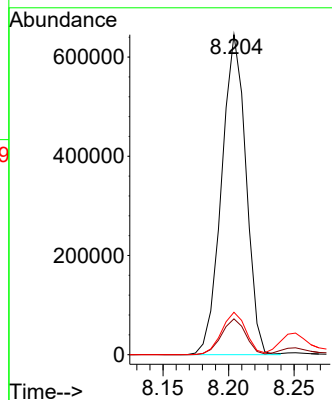
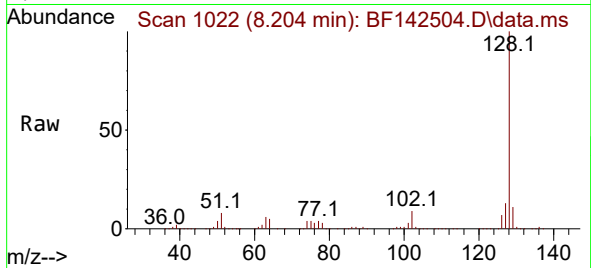




#31
Naphthalene
Concen: 40.921 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

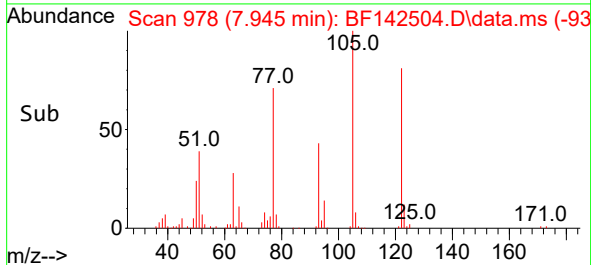
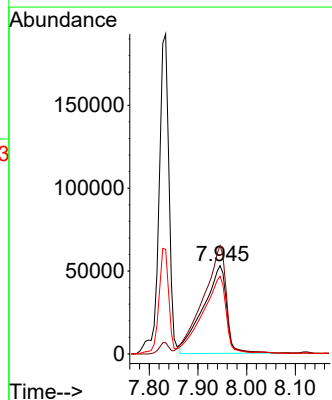
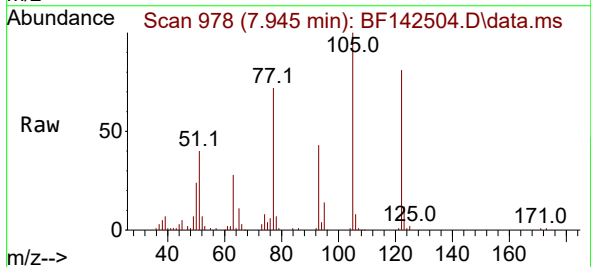
Instrument :
BNA_F
ClientSampleId :
PB168104BS

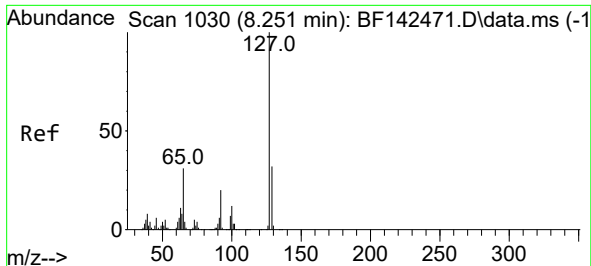
Tgt Ion:128 Resp: 834614
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 44.985 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.030 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Tgt Ion:122 Resp: 176783
Ion Ratio Lower Upper
122 100
105 122.7 101.7 141.7
77 88.0 69.5 109.5

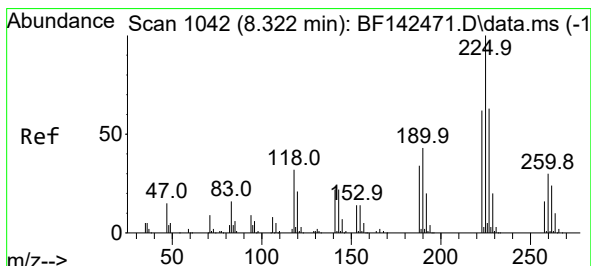
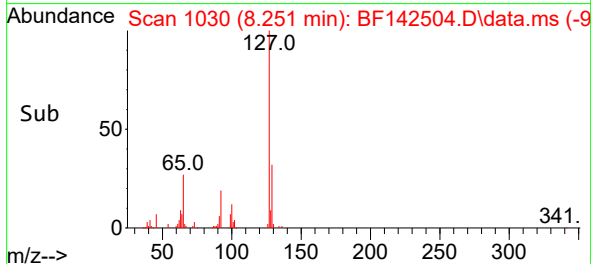
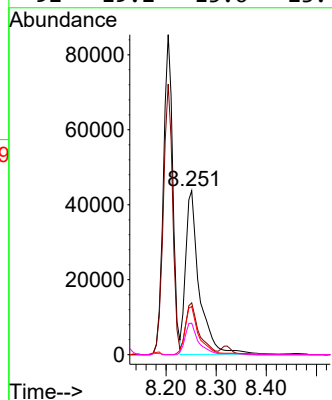
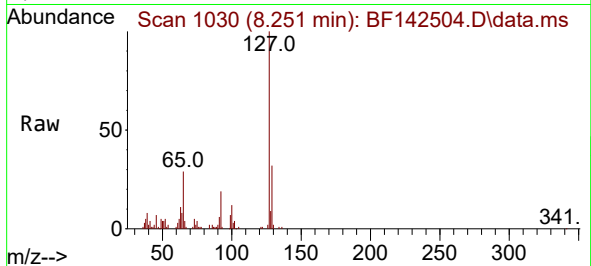




#33
4-Chloroaniline
Concen: 10.029 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

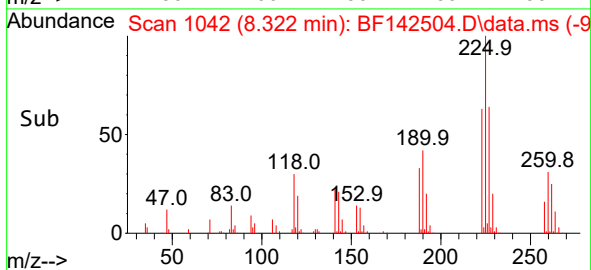
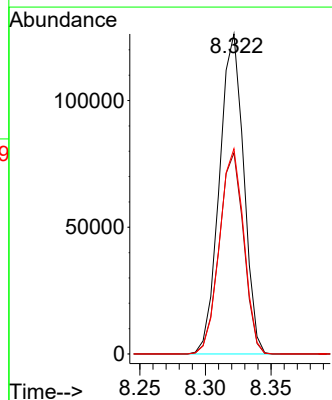
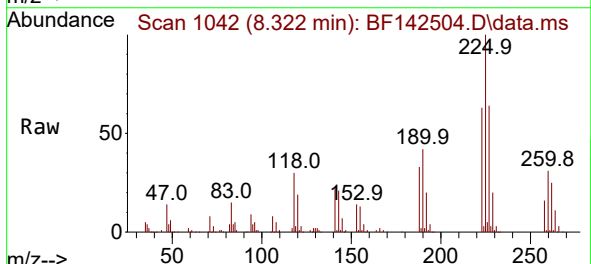
Instrument :
BNA_F
ClientSampleId :
PB168104BS

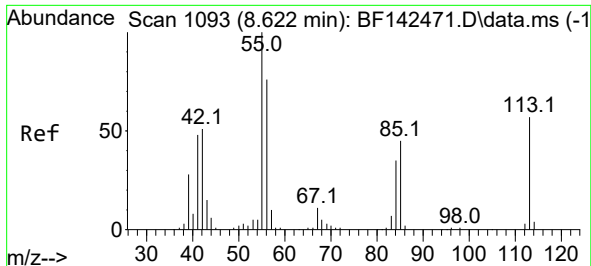
Tgt Ion:127	Resp:	82883
Ion Ratio	Lower	Upper
127	100	
129	31.7	26.1 39.1
65	29.4	24.9 37.3
92	19.2	15.6 23.4



#34
Hexachlorobutadiene
Concen: 40.791 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Tgt Ion:225	Resp:	162288
Ion Ratio	Lower	Upper
225	100	
223	62.9	49.7 74.5
227	64.2	50.3 75.5

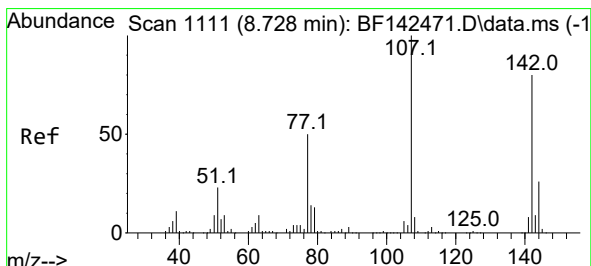
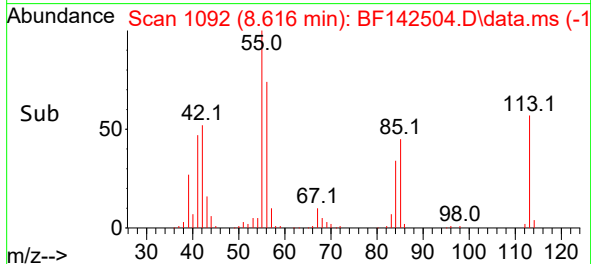
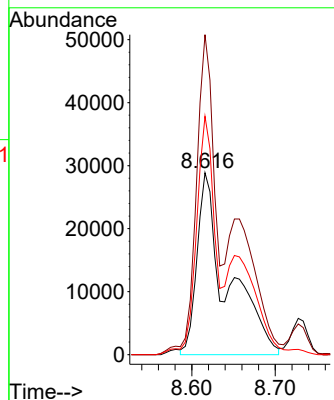
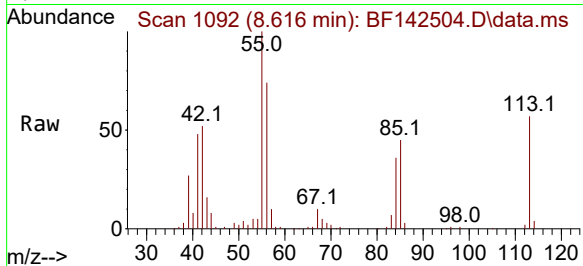




#35
 Caprolactam
 Concen: 43.869 ng m
 RT: 8.616 min Scan# 1092
 Delta R.T. -0.029 min
 Lab File: BF142504.D
 Acq: 22 May 2025 12:09

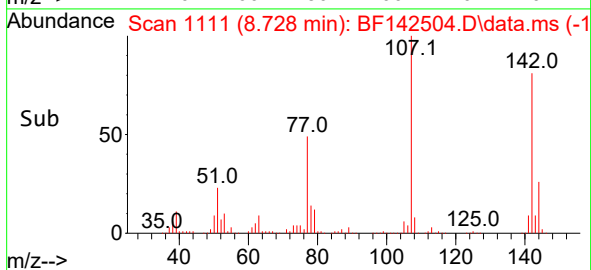
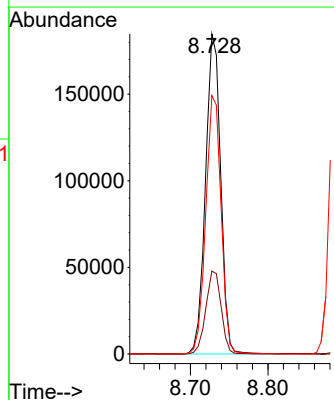
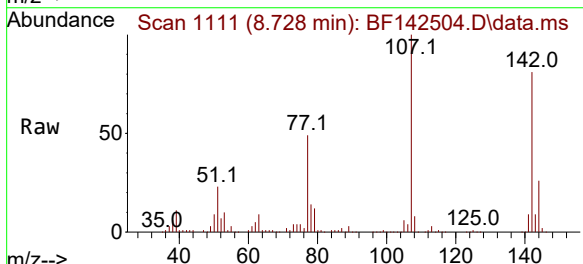
Instrument :
 BNA_F
 ClientSampleId :
 PB168104BS

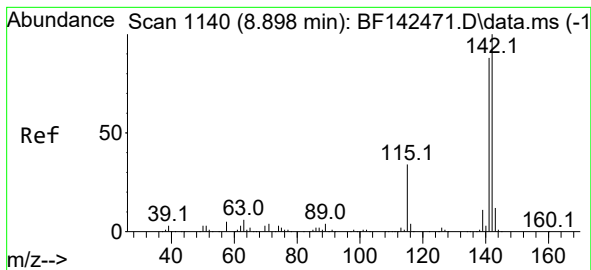
Tgt Ion:113 Resp: 72337
 Ion Ratio Lower Upper
 113 100
 55 175.9 154.7 194.7
 56 131.0 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 41.643 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF142504.D
 Acq: 22 May 2025 12:09

Tgt Ion:107 Resp: 250563
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.9 31.3
 142 80.7 64.2 96.2

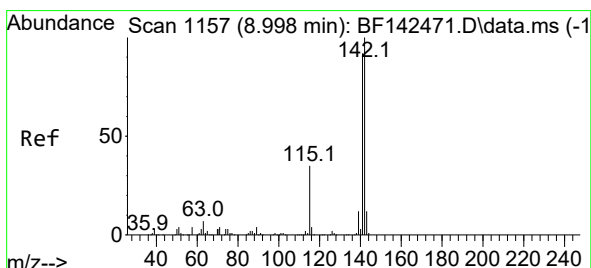
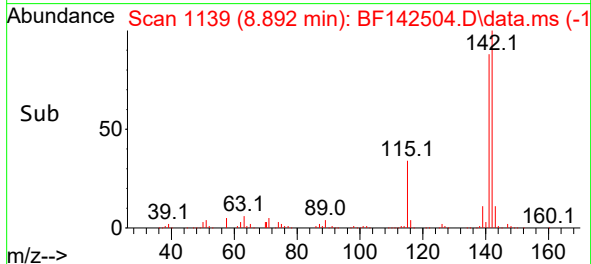
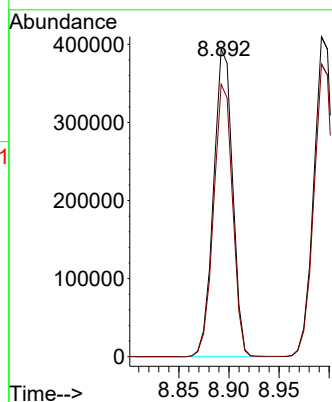
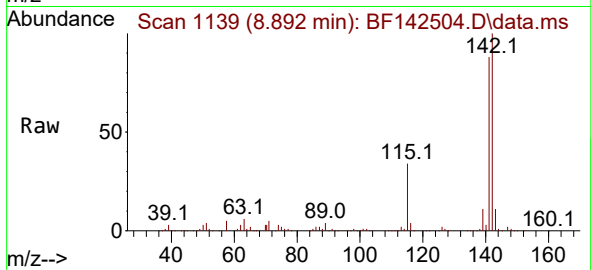




#37
2-Methylnaphthalene
Concen: 40.617 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

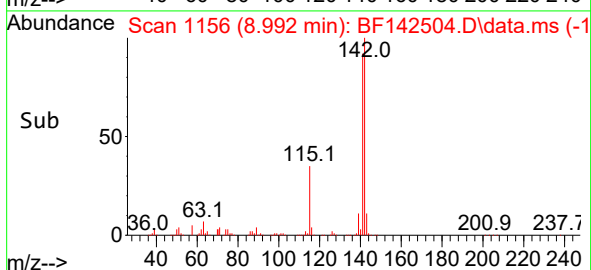
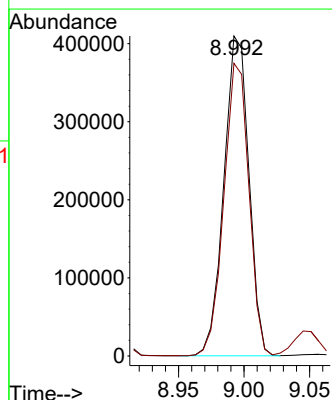
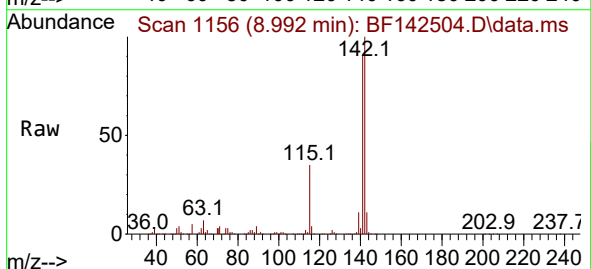
Instrument :
BNA_F
ClientSampleId :
PB168104BS

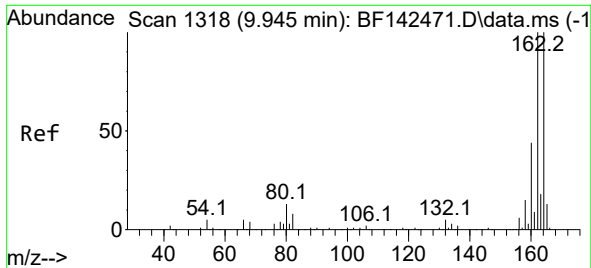
Tgt Ion:142 Resp: 521172
Ion Ratio Lower Upper
142 100
141 88.4 70.7 106.1



#38
1-Methylnaphthalene
Concen: 40.977 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Tgt Ion:142 Resp: 543869
Ion Ratio Lower Upper
142 100
141 91.4 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: BF142504.D

Acq: 22 May 2025 12:09

Instrument :

BNA_F

ClientSampleId :

PB168104BS

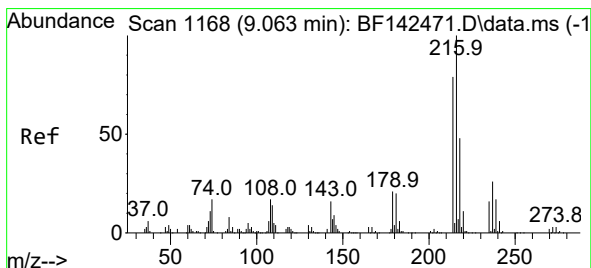
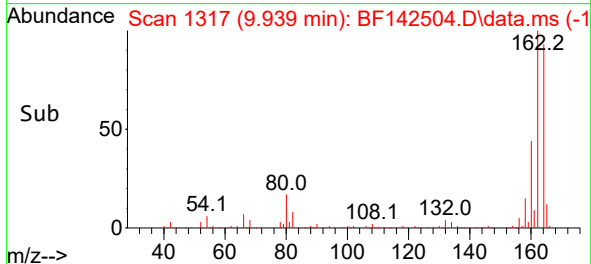
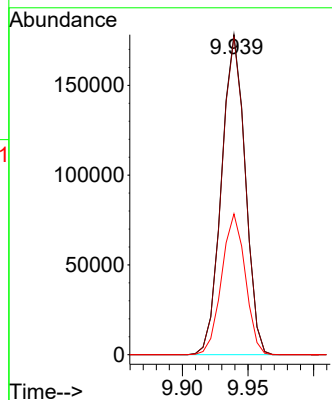
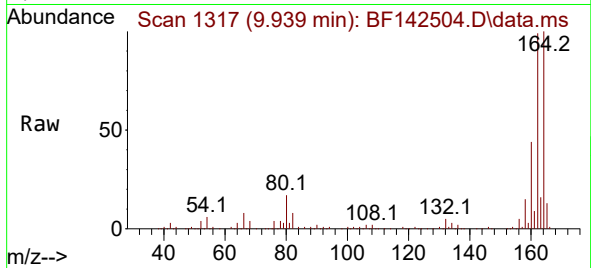
Tgt Ion:164 Resp: 223700

Ion Ratio Lower Upper

164 100

162 99.2 80.2 120.4

160 44.0 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.660 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142504.D

Acq: 22 May 2025 12:09

Tgt Ion:216 Resp: 261099

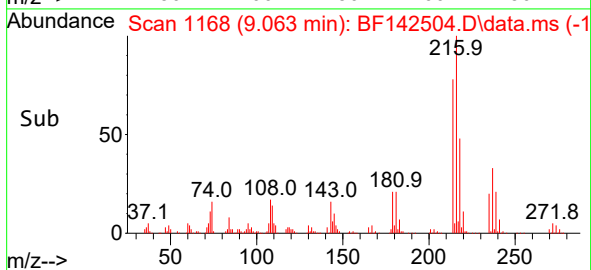
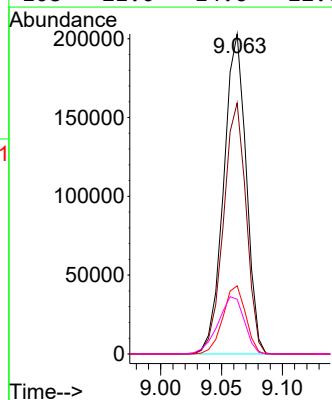
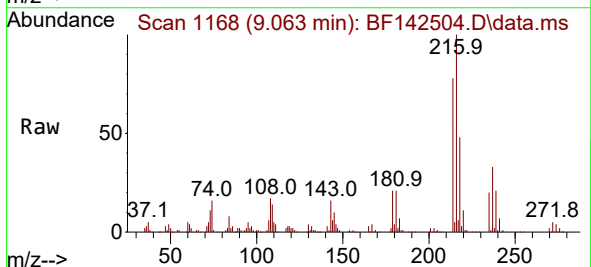
Ion Ratio Lower Upper

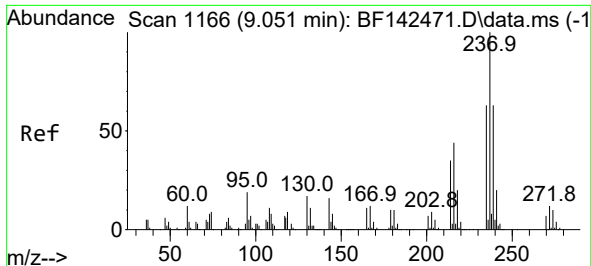
216 100

214 78.8 62.9 94.3

179 21.5 16.9 25.3

108 21.0 14.6 22.0

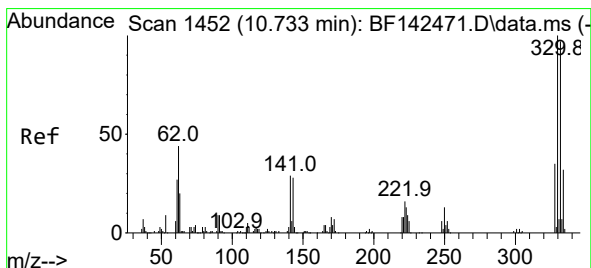
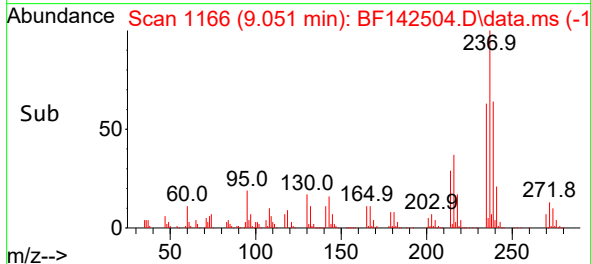
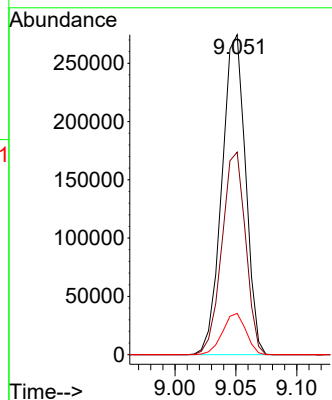
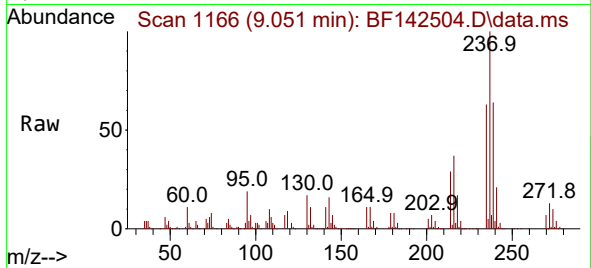




#41
Hexachlorocyclopentadiene
Concen: 85.563 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

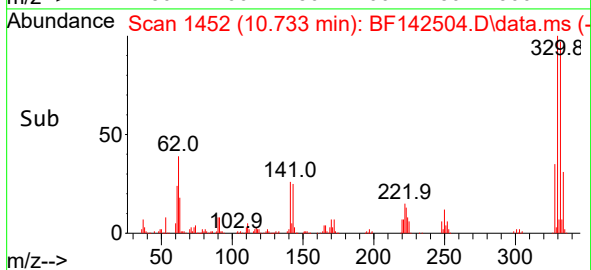
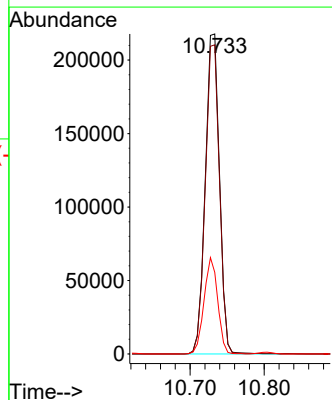
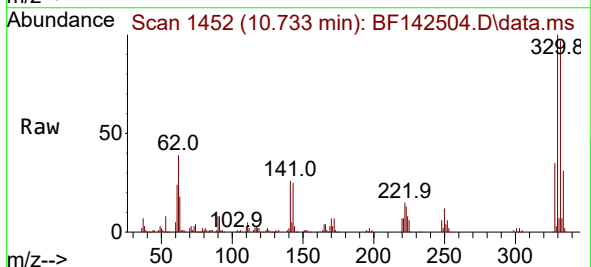
Instrument :
BNA_F
ClientSampleId :
PB168104BS

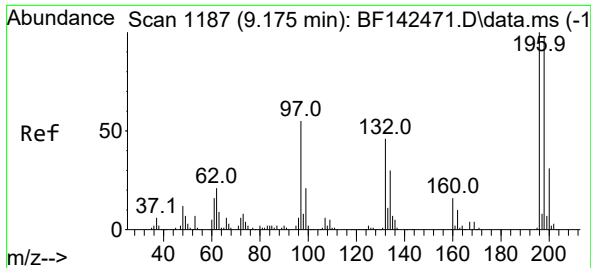
Tgt Ion:237 Resp: 370647
Ion Ratio Lower Upper
237 100
235 63.3 43.3 83.3
272 12.9 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 116.960 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Tgt Ion:330 Resp: 290387
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 29.0 24.6 36.8

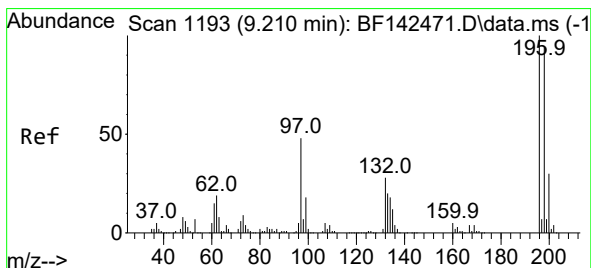
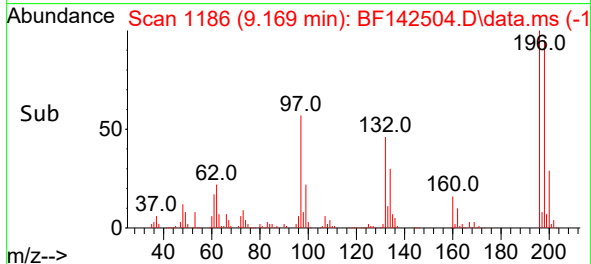
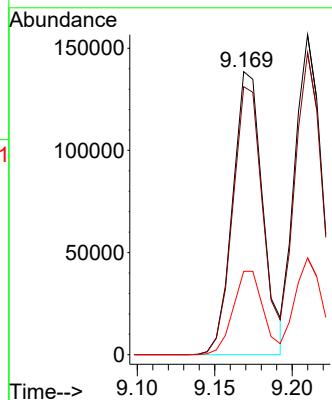
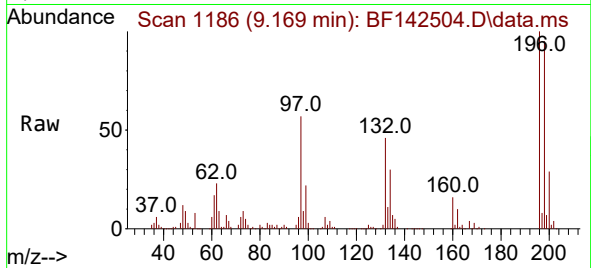




#43
 2,4,6-Trichlorophenol
 Concen: 43.137 ng
 RT: 9.169 min Scan# 1186
 Delta R.T. -0.006 min
 Lab File: BF142504.D
 Acq: 22 May 2025 12:09

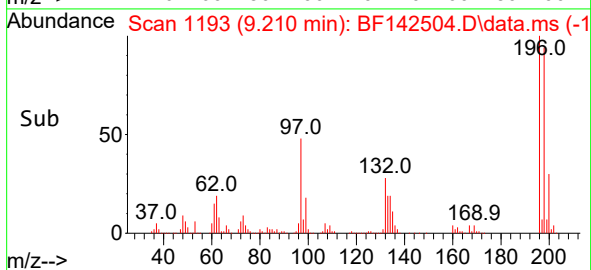
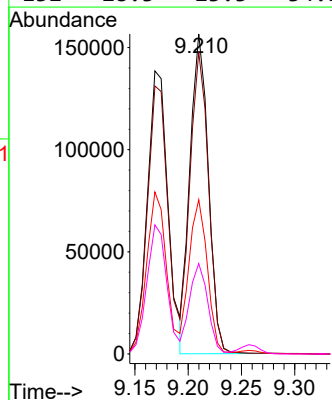
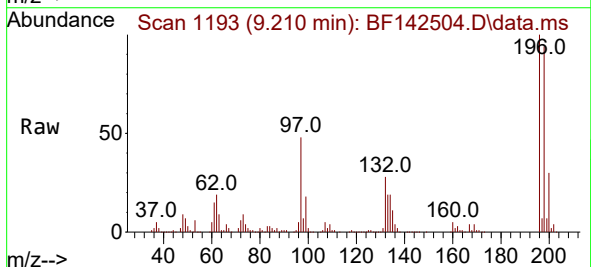
Instrument :
 BNA_F
 ClientSampleId :
 PB168104BS

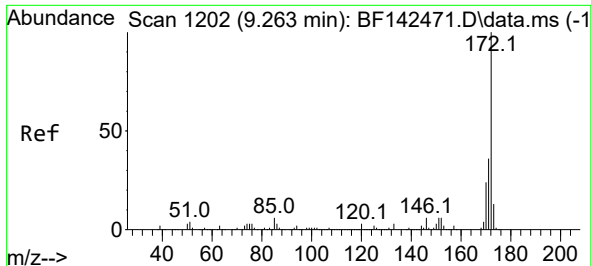
Tgt Ion:196 Resp: 186786
 Ion Ratio Lower Upper
 196 100
 198 94.7 78.8 118.2
 200 29.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.230 ng
 RT: 9.210 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: BF142504.D
 Acq: 22 May 2025 12:09

Tgt Ion:196 Resp: 188288
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.5 113.3
 97 48.2 39.3 58.9
 132 28.3 23.3 34.9

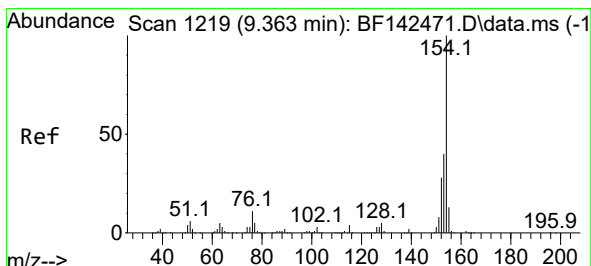
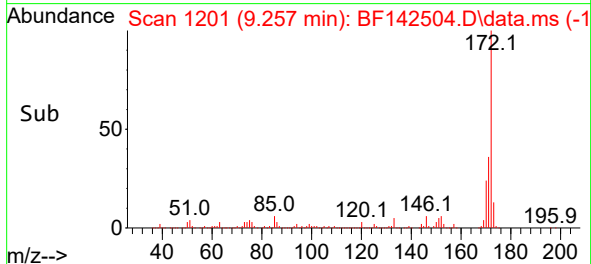
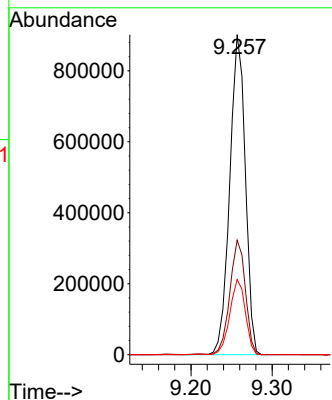
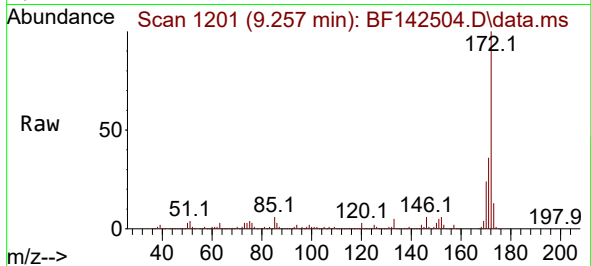




#45
2-Fluorobiphenyl
Concen: 72.048 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

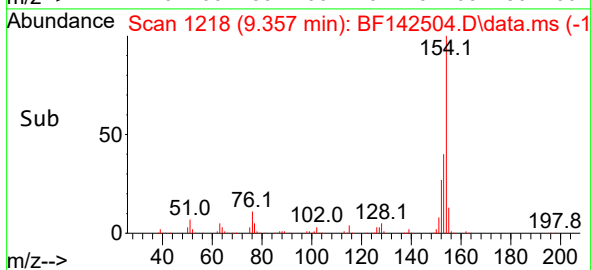
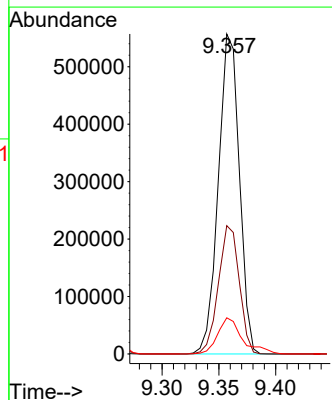
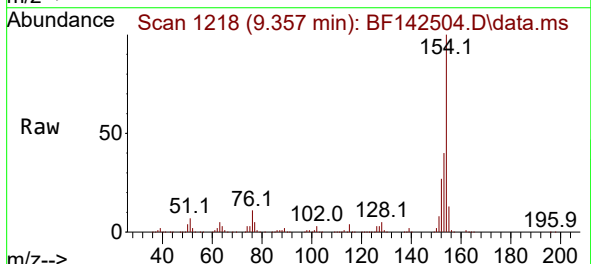
Instrument :
BNA_F
ClientSampleId :
PB168104BS

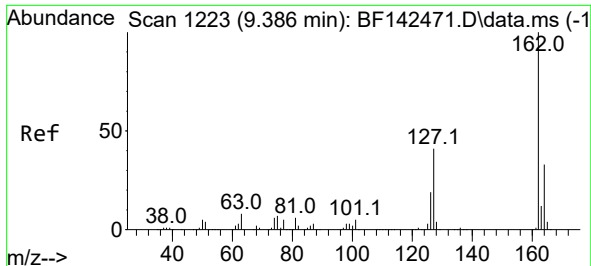
Tgt Ion:172 Resp: 1201098
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 23.5 18.9 28.3



#46
1,1'-Biphenyl
Concen: 41.334 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Tgt Ion:154 Resp: 717348
Ion Ratio Lower Upper
154 100
153 40.1 20.4 60.4
76 11.3 0.0 30.8





#47

2-Chloronaphthalene

Concen: 40.996 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142504.D

Acq: 22 May 2025 12:09

Instrument :

BNA_F

ClientSampleId :

PB168104BS

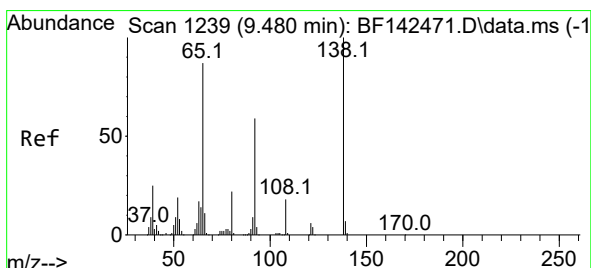
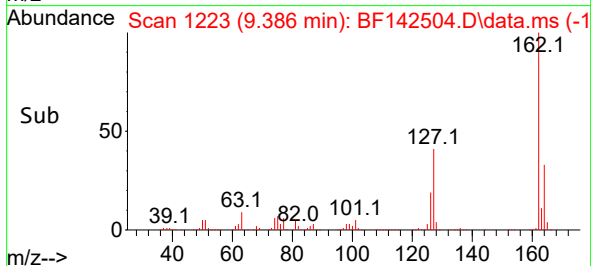
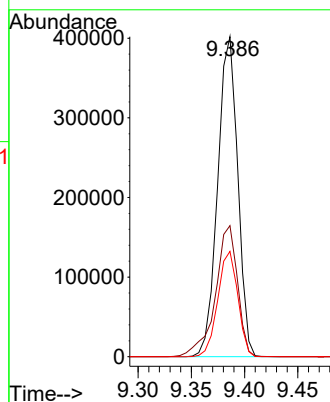
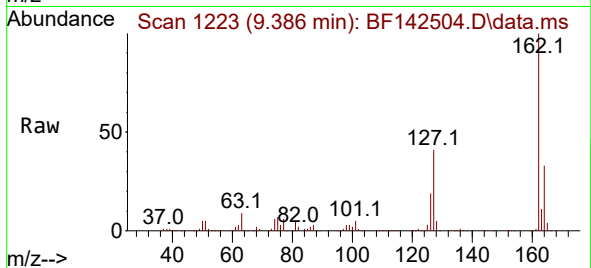
Tgt Ion:162 Resp: 525668

Ion Ratio Lower Upper

162 100

127 40.9 33.5 50.3

164 32.9 26.1 39.1



#48

2-Nitroaniline

Concen: 41.256 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF142504.D

Acq: 22 May 2025 12:09

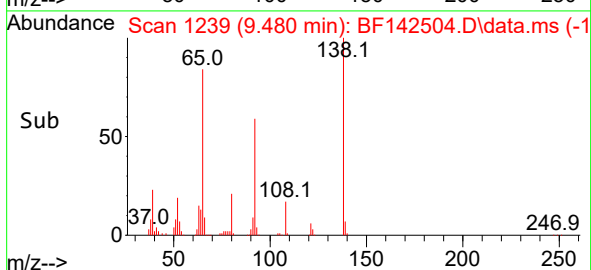
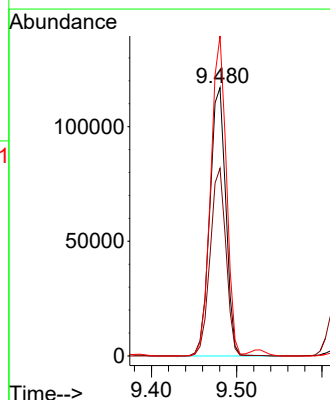
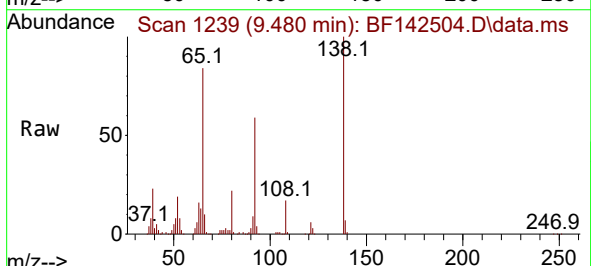
Tgt Ion: 65 Resp: 152905

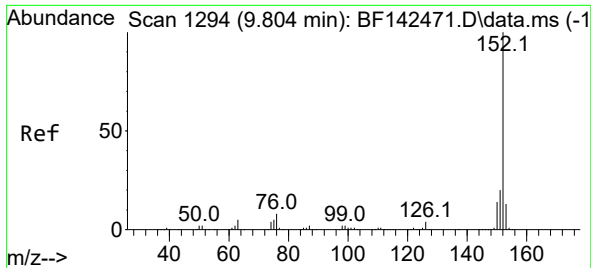
Ion Ratio Lower Upper

65 100

92 69.9 54.4 81.6

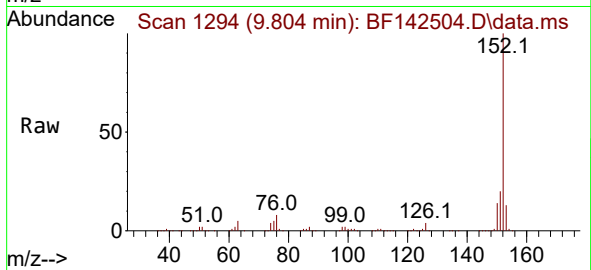
138 119.3 91.4 137.2



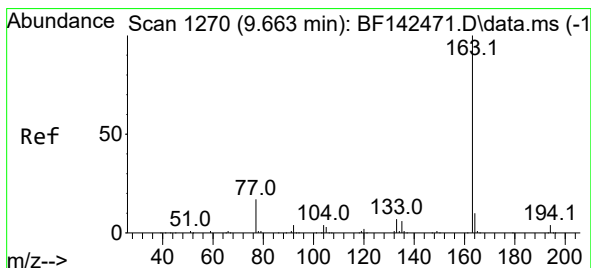
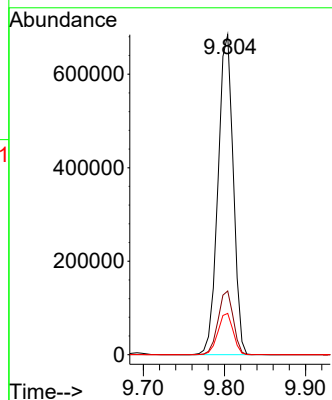
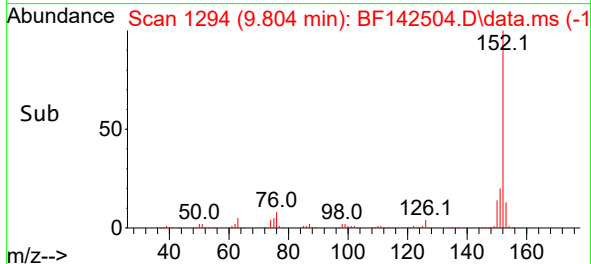


#49
Acenaphthylene
Concen: 41.285 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

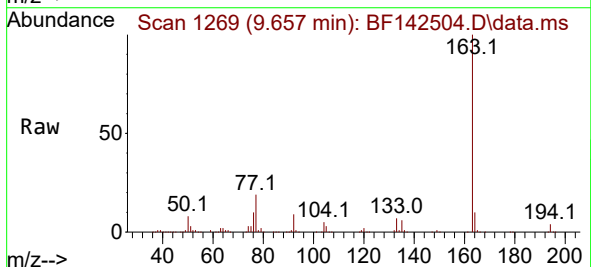
Instrument :
BNA_F
ClientSampleId :
PB168104BS



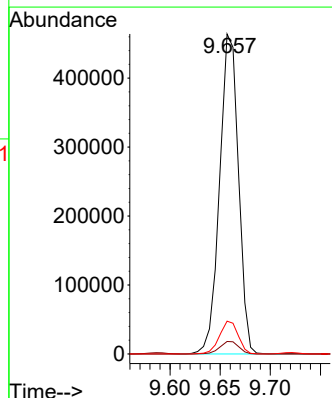
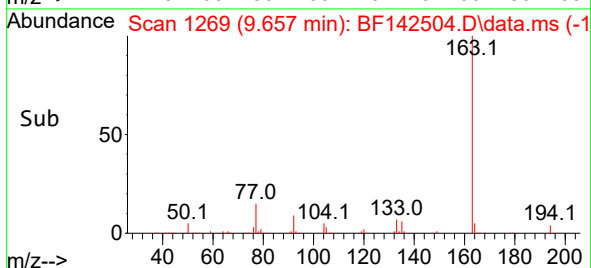
Tgt Ion:152 Resp: 893894
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 12.9 10.6 15.8

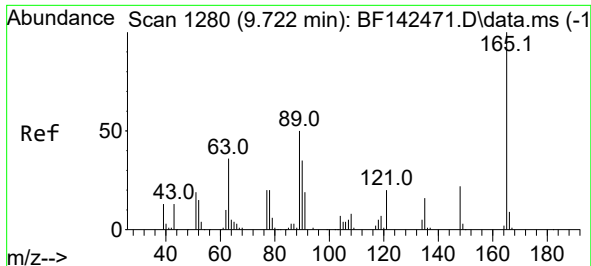


#50
Dimethylphthalate
Concen: 41.116 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09



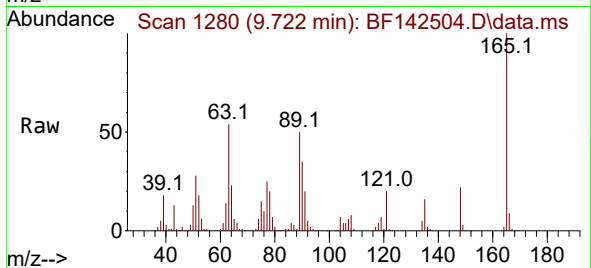
Tgt Ion:163 Resp: 606899
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.3 8.2 12.4



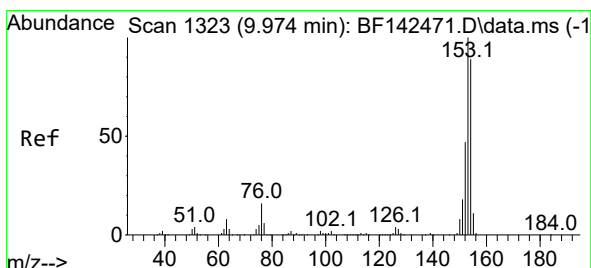
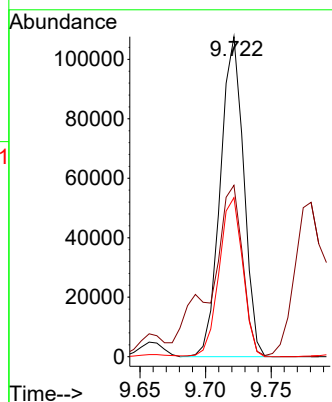
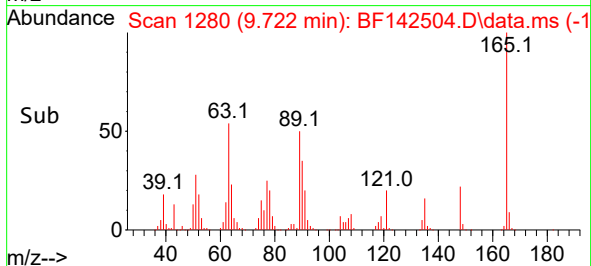


#51
2,6-Dinitrotoluene
Concen: 41.739 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

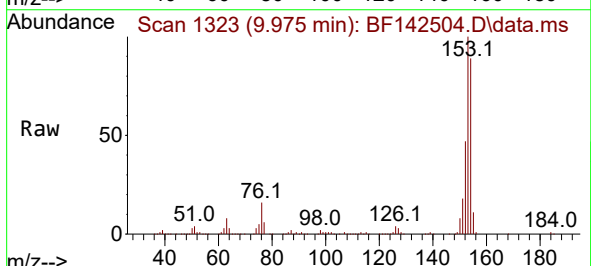
Instrument :
BNA_F
ClientSampleId :
PB168104BS



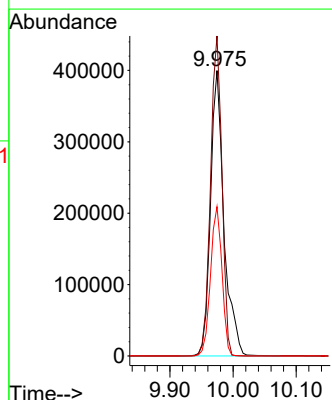
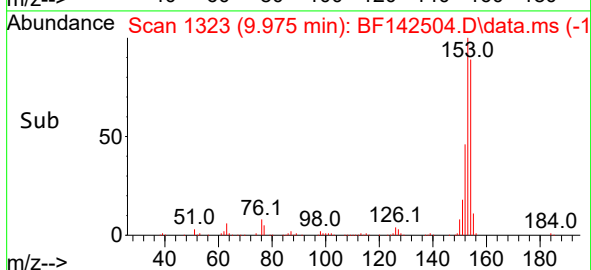
Tgt Ion:165 Resp: 132971
Ion Ratio Lower Upper
165 100
63 53.6 42.9 64.3
89 49.7 40.2 60.4

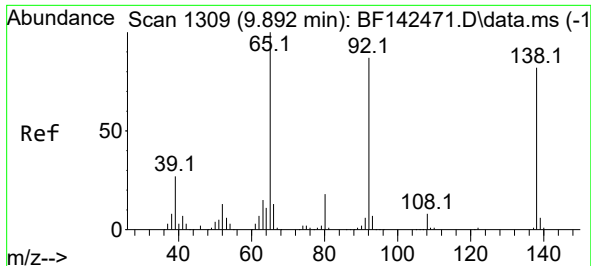


#52
Acenaphthene
Concen: 44.779 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09



Tgt Ion:154 Resp: 592029
Ion Ratio Lower Upper
154 100
153 112.1 90.0 135.0
152 52.3 42.6 64.0

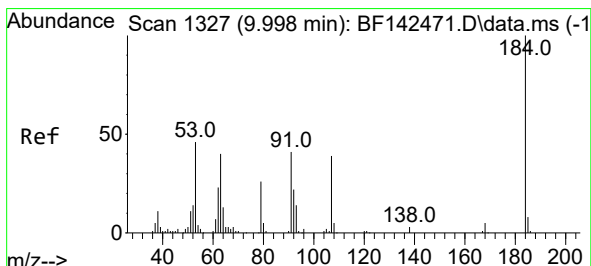
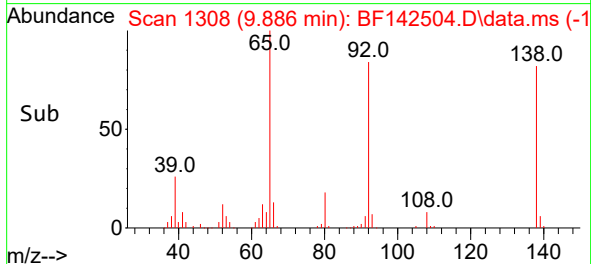
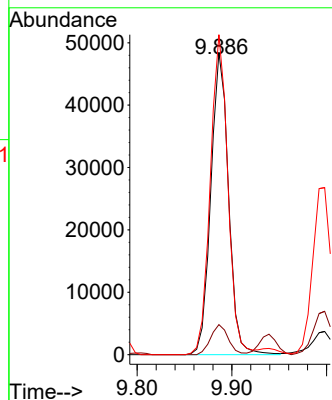
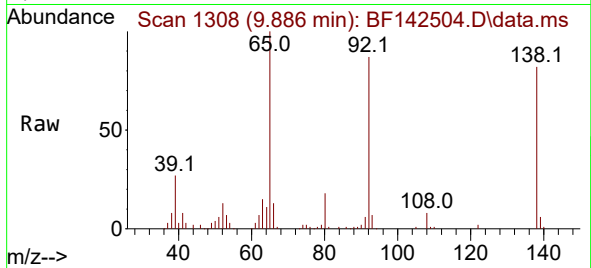




#53
3-Nitroaniline
Concen: 18.089 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

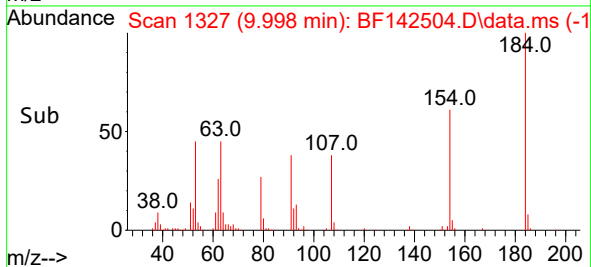
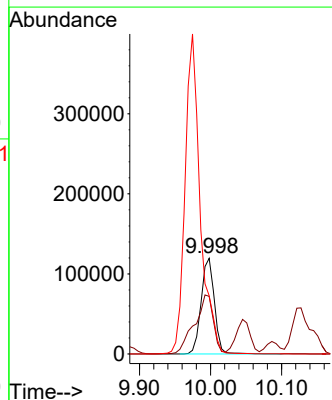
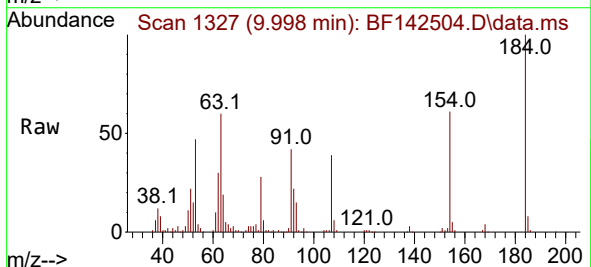
Instrument :
BNA_F
ClientSampleId :
PB168104BS

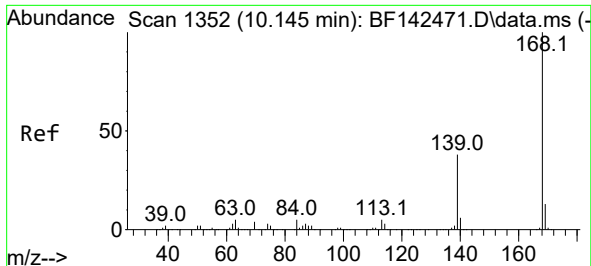
Tgt Ion:138 Resp: 62942
Ion Ratio Lower Upper
138 100
108 9.9 8.1 12.1
92 105.9 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 94.758 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Tgt Ion:184 Resp: 155962
Ion Ratio Lower Upper
184 100
63 60.1 46.3 69.5
154 60.8 56.8 85.2

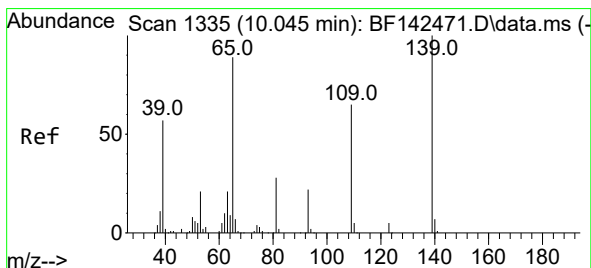
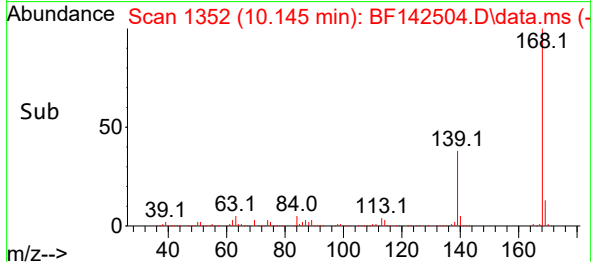
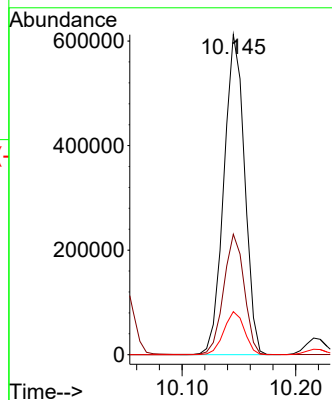
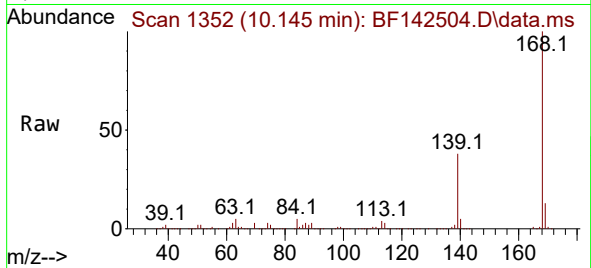




#55
Dibenzenofuran
Concen: 40.800 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

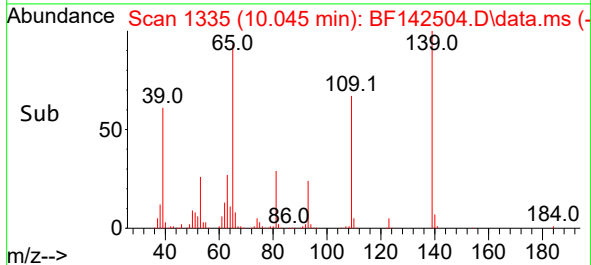
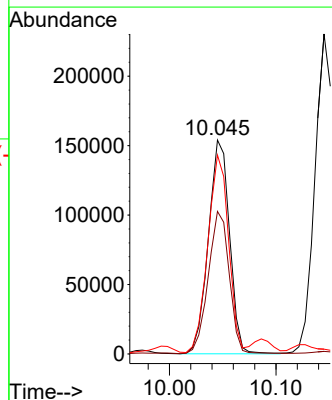
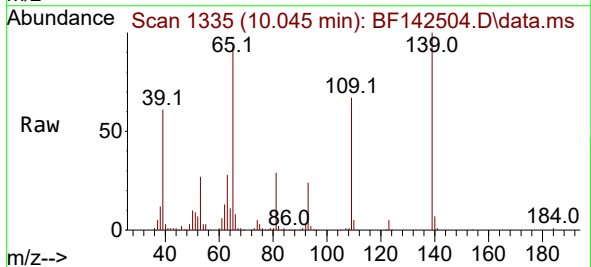
Instrument :
BNA_F
ClientSampleId :
PB168104BS

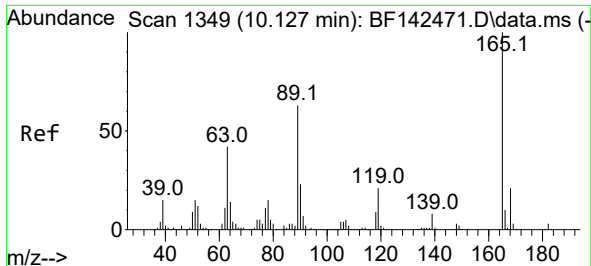
Tgt Ion:168 Resp: 776249
Ion Ratio Lower Upper
168 100
139 37.6 30.2 45.2
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 82.846 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Tgt Ion:139 Resp: 212702
Ion Ratio Lower Upper
139 100
109 66.7 45.1 85.1
65 93.0 69.7 109.7





#57

2,4-Dinitrotoluene

Concen: 42.259 ng

RT: 10.127 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142504.D

Acq: 22 May 2025 12:09

Instrument :

BNA_F

ClientSampleId :

PB168104BS

Tgt Ion:165 Resp: 175818

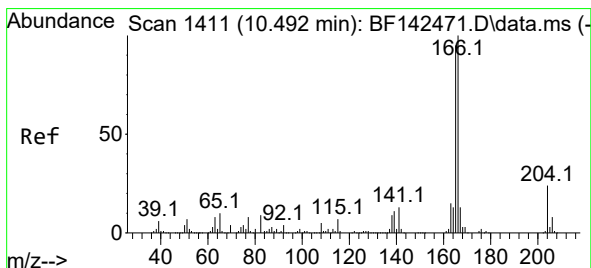
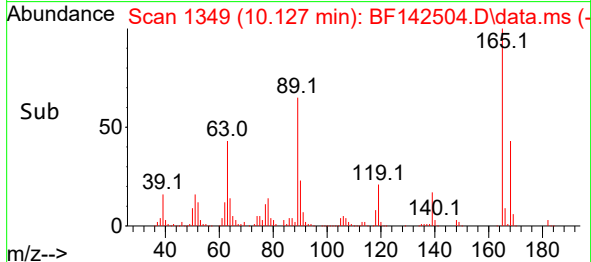
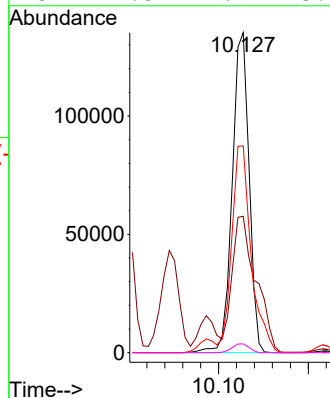
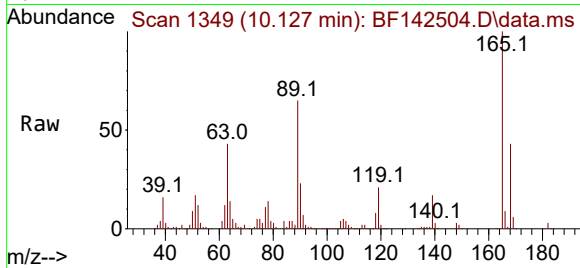
Ion Ratio Lower Upper

165 100

63 42.6 33.6 50.4

89 64.6 50.2 75.4

182 2.8 2.2 3.4



#58

Fluorene

Concen: 40.482 ng

RT: 10.486 min Scan# 1410

Delta R.T. -0.012 min

Lab File: BF142504.D

Acq: 22 May 2025 12:09

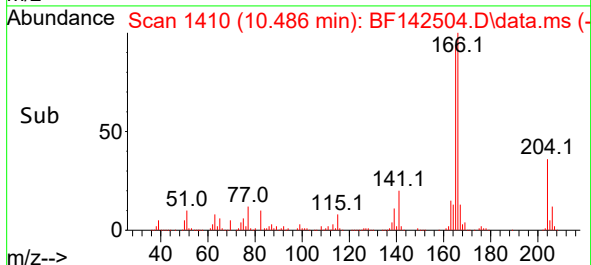
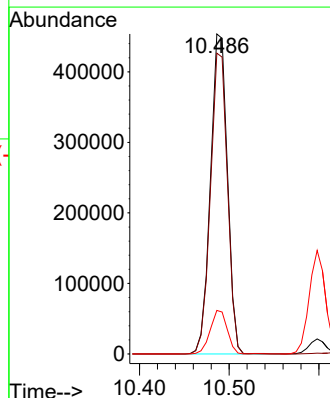
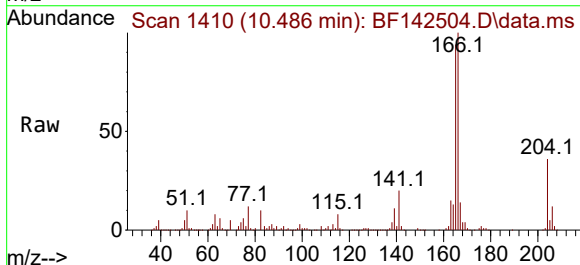
Tgt Ion:166 Resp: 595014

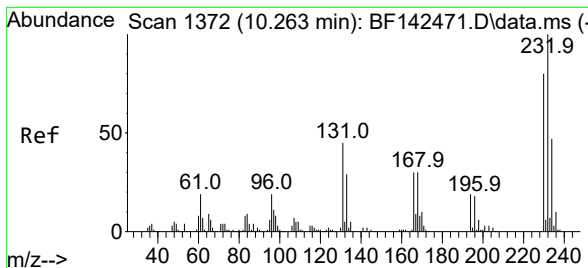
Ion Ratio Lower Upper

166 100

165 94.0 75.8 113.8

167 13.6 10.6 16.0

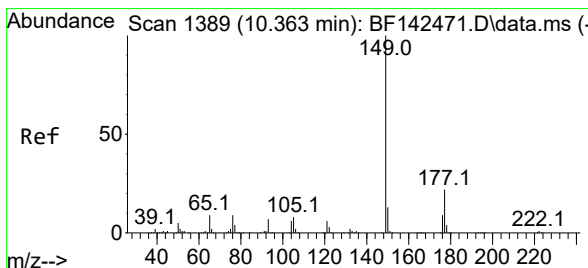
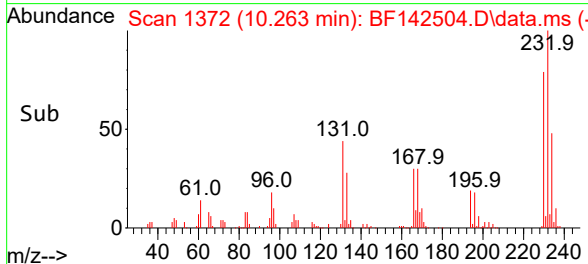
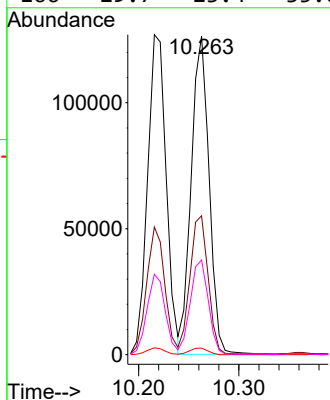
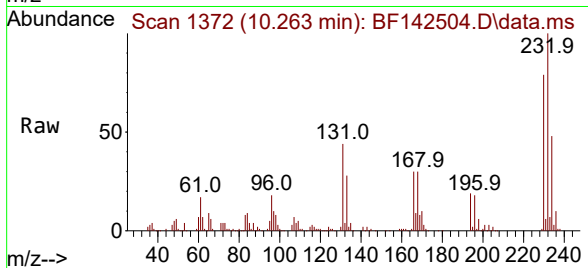




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.070 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

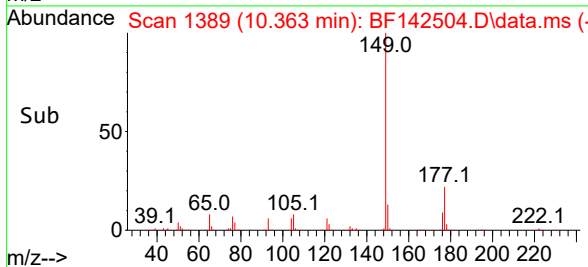
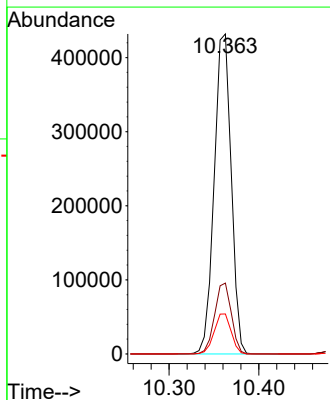
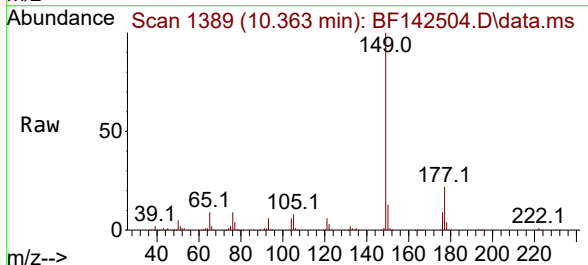
Instrument :
BNA_F
ClientSampleId :
PB168104BS

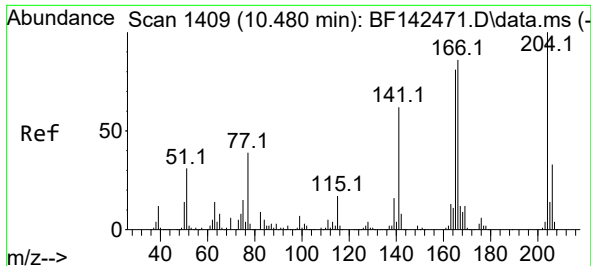
Tgt Ion:232 Resp: 156576
Ion Ratio Lower Upper
232 100
131 44.9 35.2 52.8
130 2.1 1.7 2.5
166 29.7 23.4 35.0



#60
Diethylphthalate
Concen: 39.400 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Tgt Ion:149 Resp: 567987
Ion Ratio Lower Upper
149 100
177 22.1 17.6 26.4
150 12.5 10.1 15.1

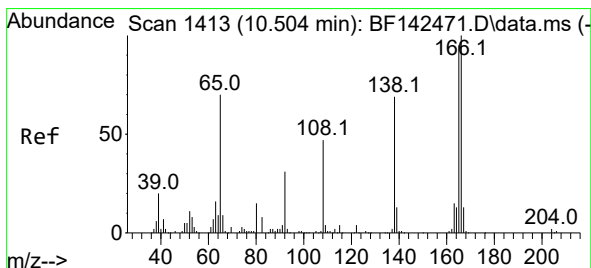
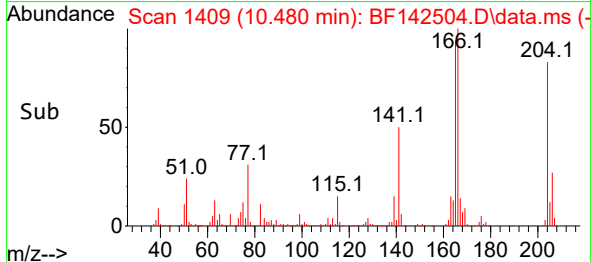
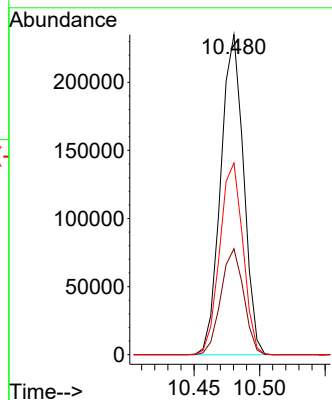
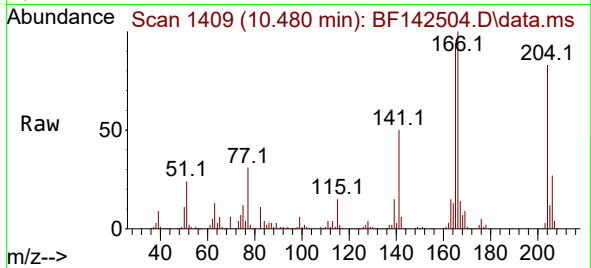




#61
4-Chlorophenyl-phenylether
Concen: 39.394 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

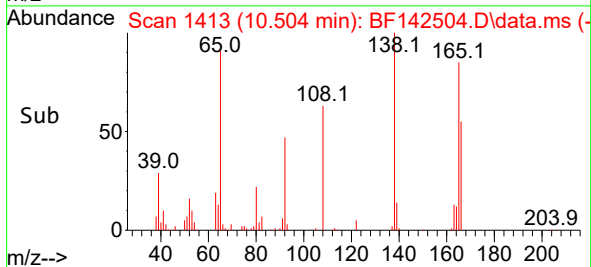
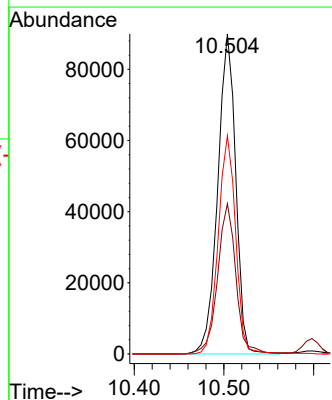
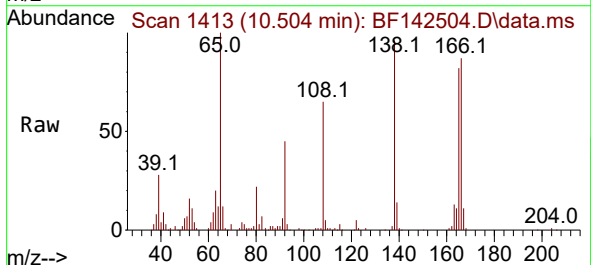
Instrument :
BNA_F
ClientSampleId :
PB168104BS

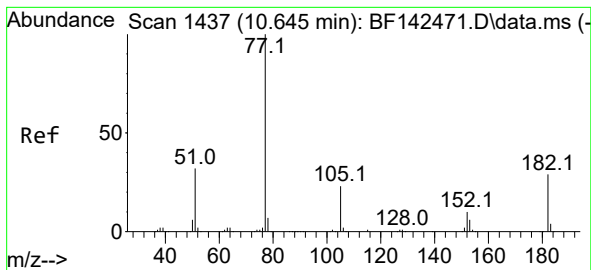
Tgt Ion:204 Resp: 284441
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 59.9 49.5 74.3



#62
4-Nitroaniline
Concen: 39.730 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Tgt Ion:138 Resp: 125380
Ion Ratio Lower Upper
138 100
92 47.0 26.0 66.0
108 68.2 48.4 88.4

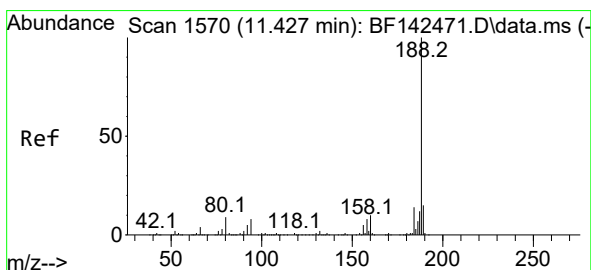
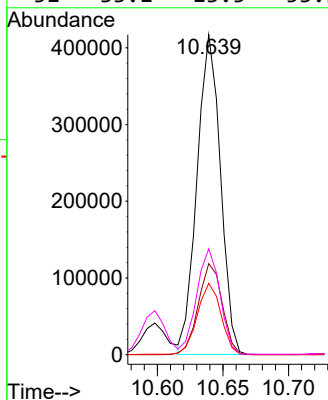
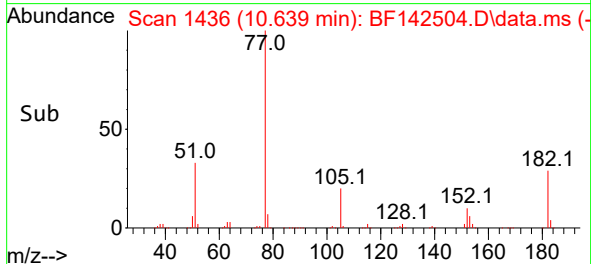
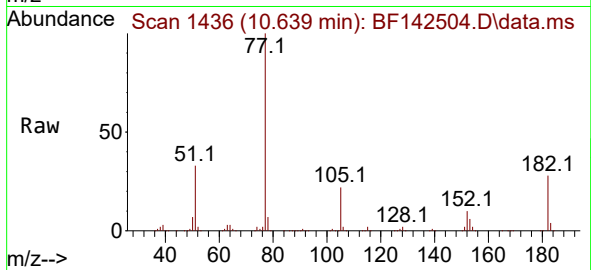




#63
 Azobenzene
 Concen: 40.067 ng
 RT: 10.639 min Scan# 1436
 Delta R.T. -0.006 min
 Lab File: BF142504.D
 Acq: 22 May 2025 12:09

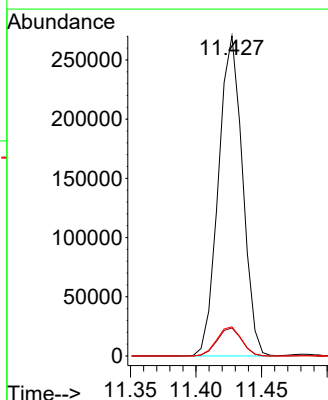
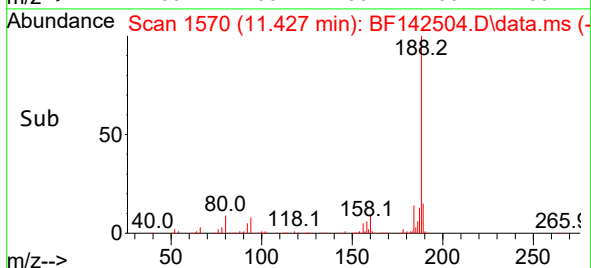
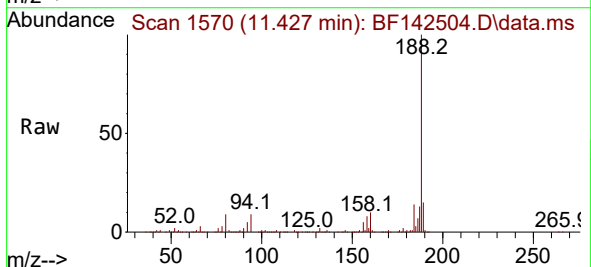
Instrument :
 BNA_F
 ClientSampleId :
 PB168104BS

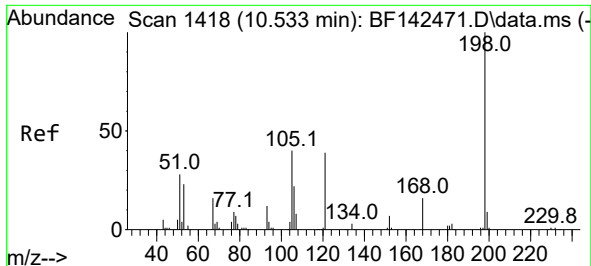
Tgt Ion: 77	Resp: 518793
Ion Ratio	Lower Upper
77 100	
182 28.4	9.0 49.0
105 22.3	2.4 42.4
51 33.1	13.5 53.5



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.427 min Scan# 1570
 Delta R.T. -0.006 min
 Lab File: BF142504.D
 Acq: 22 May 2025 12:09

Tgt Ion:188	Resp: 344893		
Ion Ratio	Lower	Upper	
188 100			
94 8.7	6.6	10.0	
80 9.1	7.4	11.0	

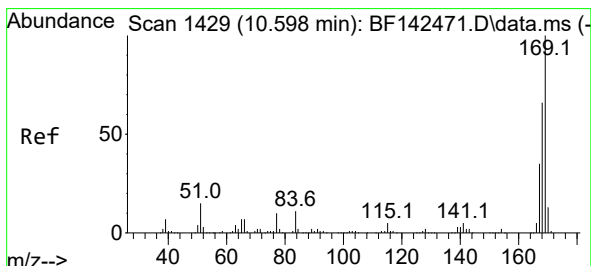
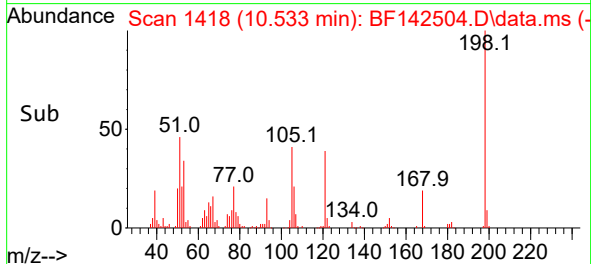
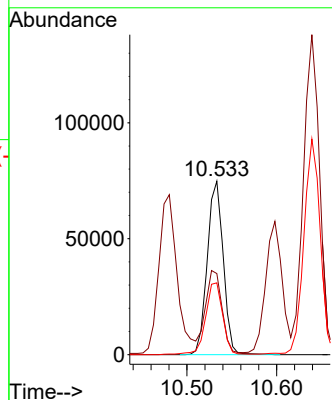
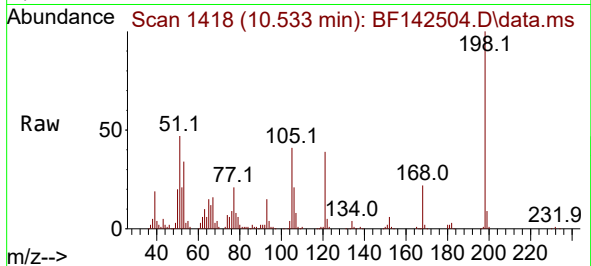




#65
4,6-Dinitro-2-methylphenol
Concen: 48.137 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

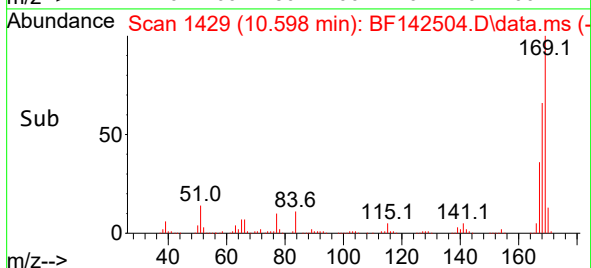
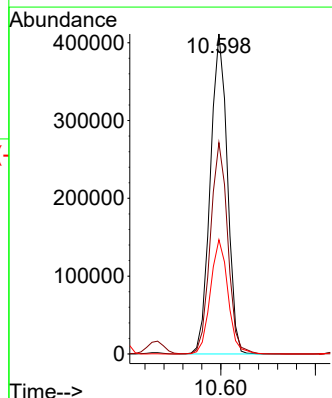
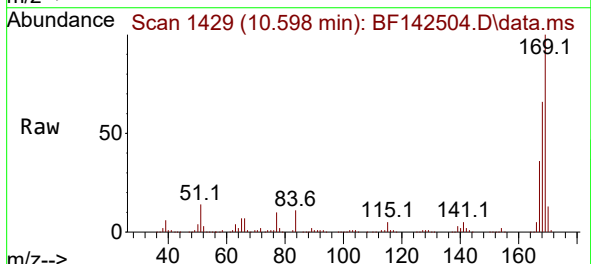
Instrument :
BNA_F
ClientSampleId :
PB168104BS

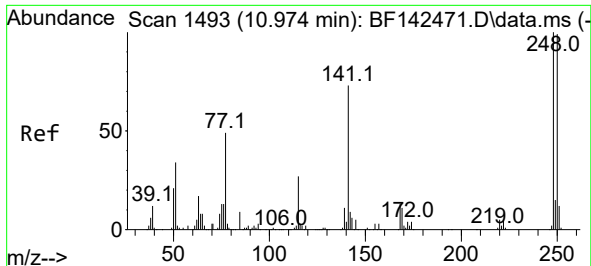
Tgt Ion:198 Resp: 92653
Ion Ratio Lower Upper
198 100
51 46.8 28.3 68.3
105 41.4 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 43.515 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Tgt Ion:169 Resp: 513459
Ion Ratio Lower Upper
169 100
168 66.0 52.7 79.1
167 35.7 28.3 42.5

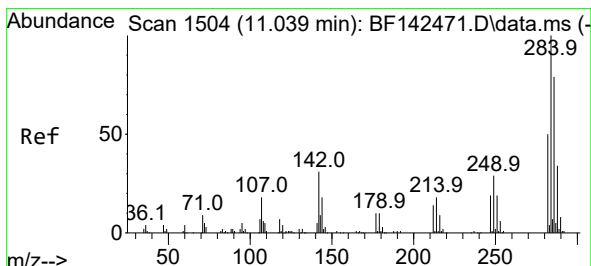
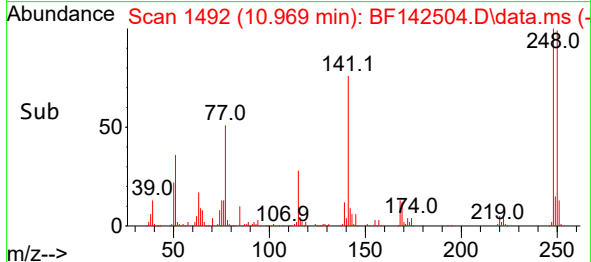
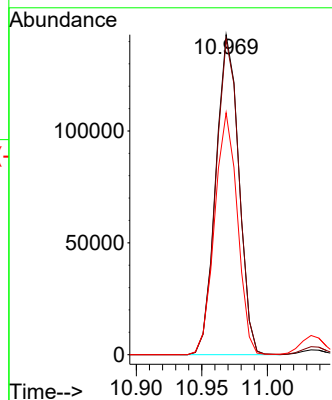
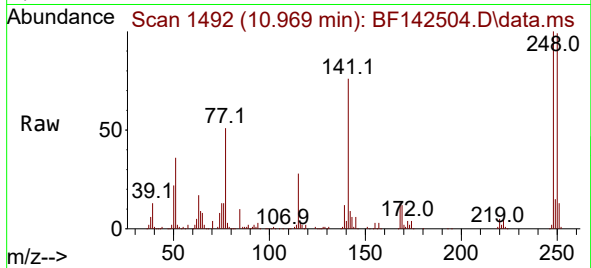




#67
4-Bromophenyl-phenylether
Concen: 42.814 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

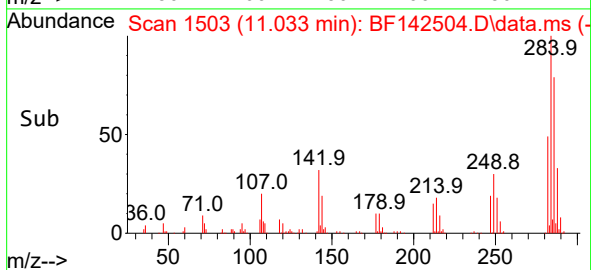
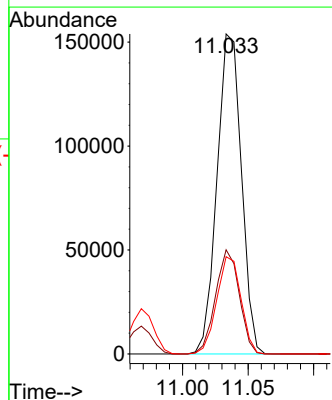
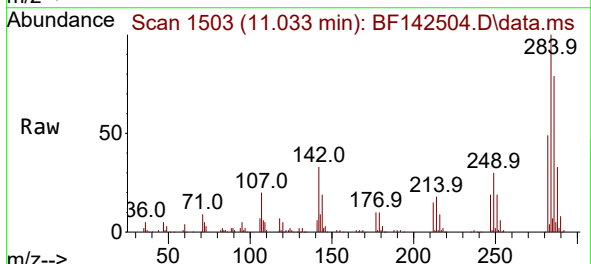
Instrument :
BNA_F
ClientSampleId :
PB168104BS

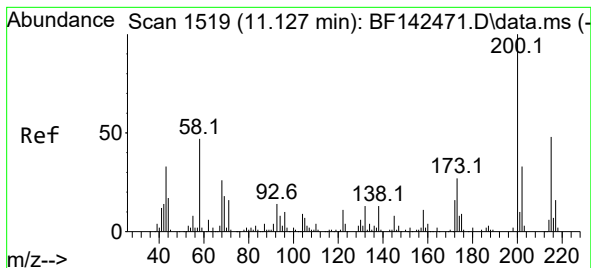
Tgt Ion:248 Resp: 174600
Ion Ratio Lower Upper
248 100
250 98.6 79.0 118.4
141 75.6 58.4 87.6



#68
Hexachlorobenzene
Concen: 44.107 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Tgt Ion:284 Resp: 198943
Ion Ratio Lower Upper
284 100
142 32.5 24.8 37.2
249 30.4 23.6 35.4





#69

Atrazine

Concen: 41.741 ng

RT: 11.121 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142504.D

Acq: 22 May 2025 12:09

Instrument :

BNA_F

ClientSampleId :

PB168104BS

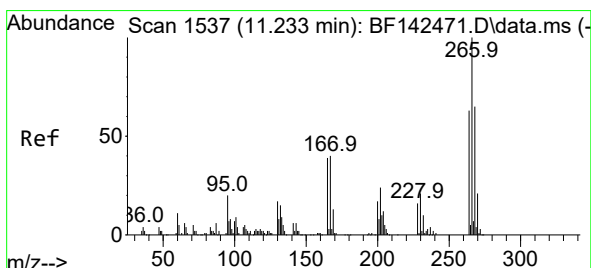
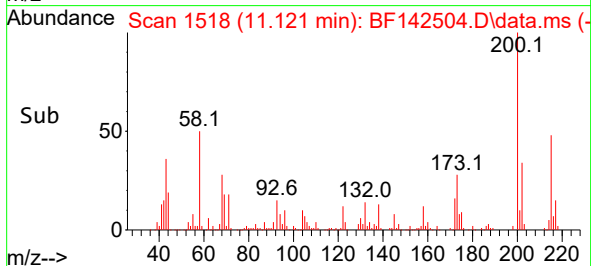
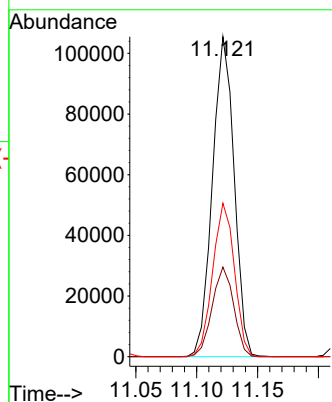
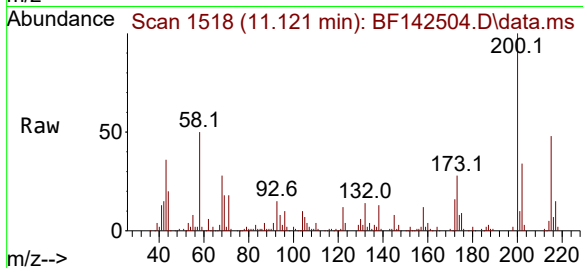
Tgt Ion:200 Resp: 130802

Ion Ratio Lower Upper

200 100

173 28.0 7.4 47.4

215 48.0 28.5 68.5



#70

Pentachlorophenol

Concen: 87.434 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142504.D

Acq: 22 May 2025 12:09

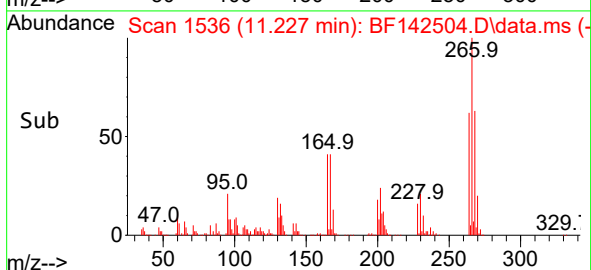
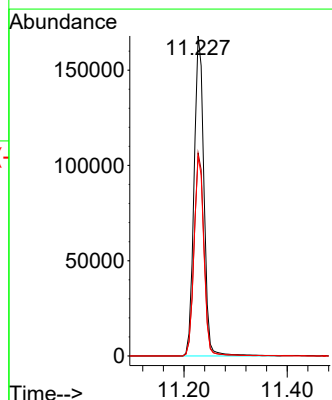
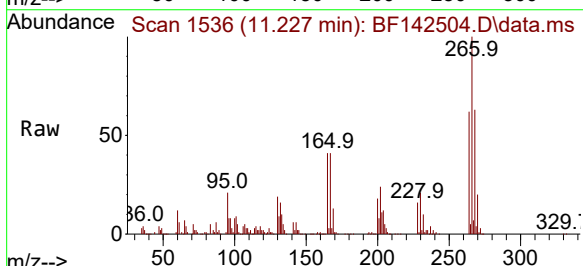
Tgt Ion:266 Resp: 222656

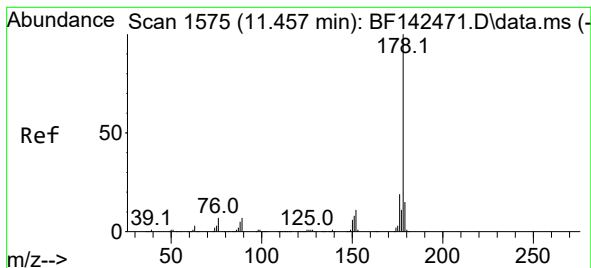
Ion Ratio Lower Upper

266 100

268 63.4 51.7 77.5

264 62.4 50.4 75.6





#71

Phenanthrene

Concen: 42.089 ng

RT: 11.451 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF142504.D

Acq: 22 May 2025 12:09

Instrument :

BNA_F

ClientSampleId :

PB168104BS

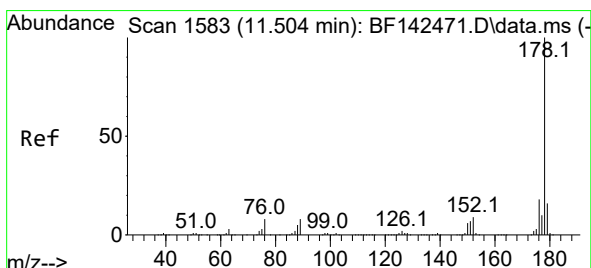
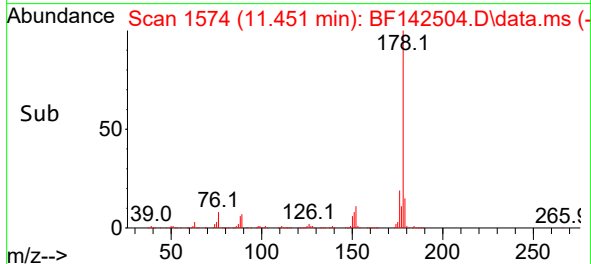
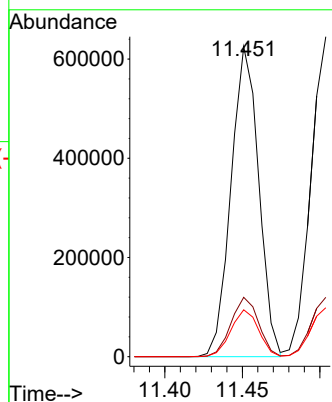
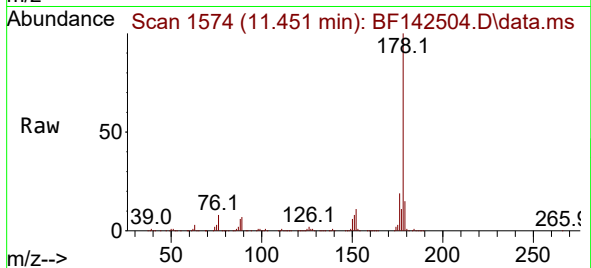
Tgt Ion:178 Resp: 775776

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.1 12.3 18.5



#72

Anthracene

Concen: 42.628 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142504.D

Acq: 22 May 2025 12:09

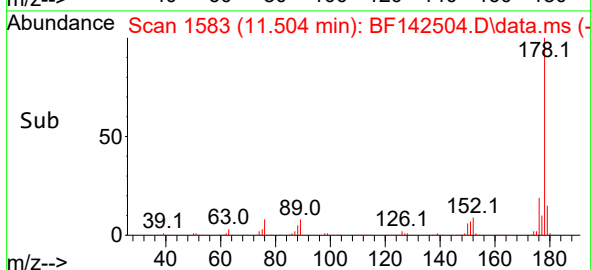
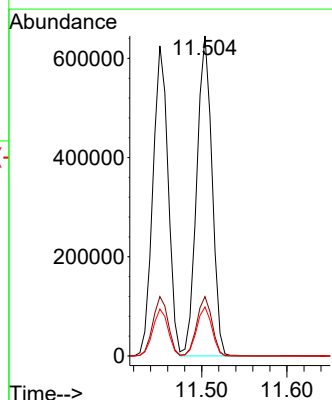
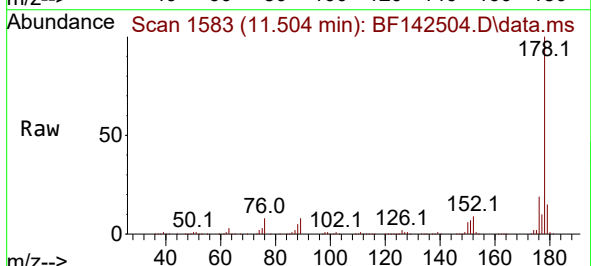
Tgt Ion:178 Resp: 801874

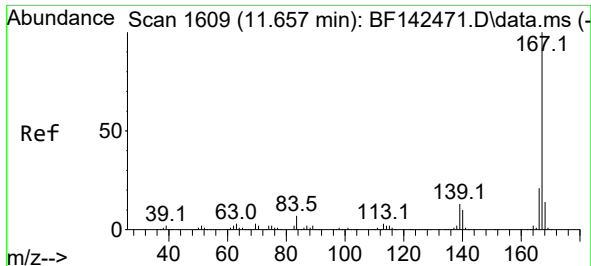
Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

179 15.3 12.4 18.6

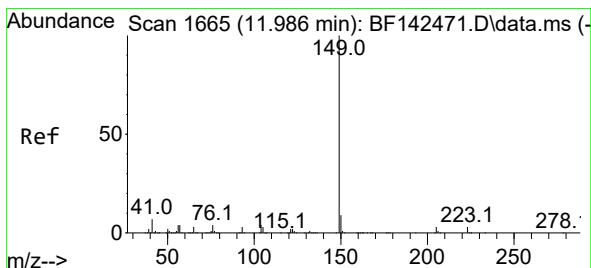
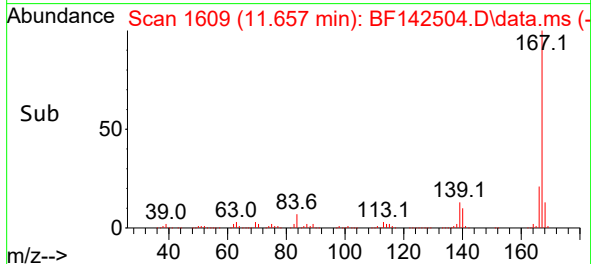
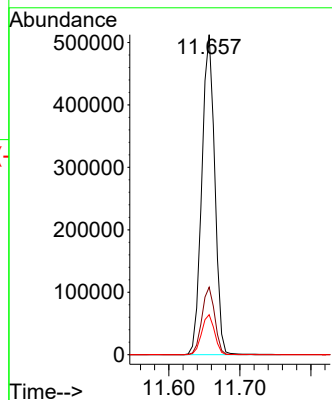
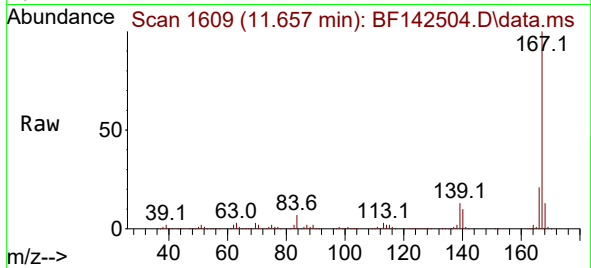




#73
 Carbazole
 Concen: 40.433 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142504.D
 Acq: 22 May 2025 12:09

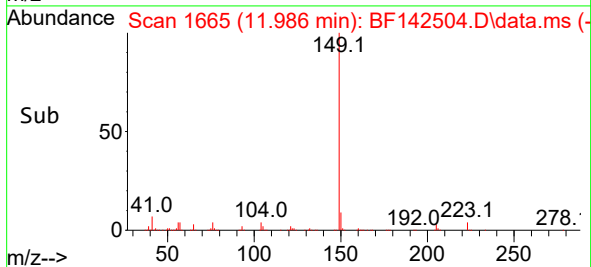
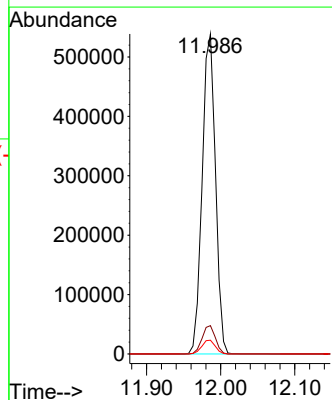
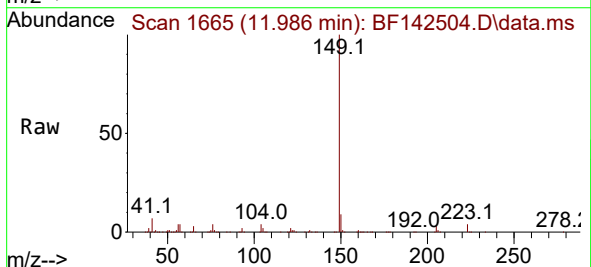
Instrument :
 BNA_F
 ClientSampleId :
 PB168104BS

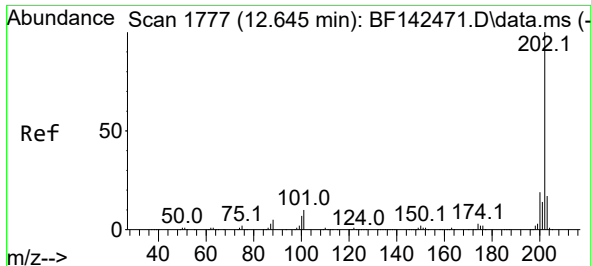
Tgt Ion:167 Resp: 650220
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.9 25.3
 139 12.5 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 38.227 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142504.D
 Acq: 22 May 2025 12:09

Tgt Ion:149 Resp: 672901
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 4.3 3.6 5.4

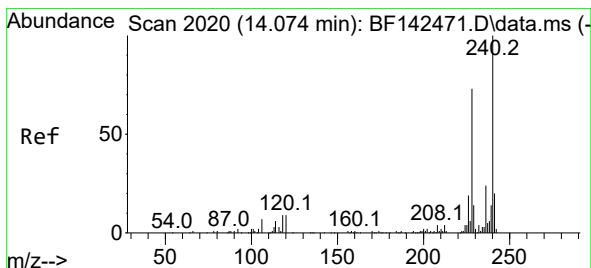
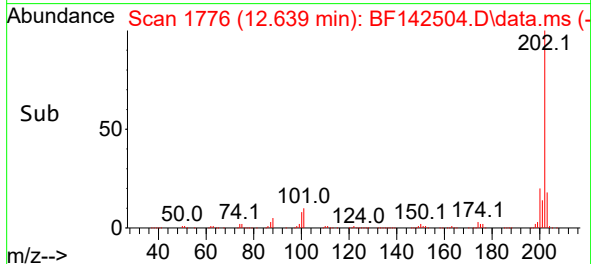
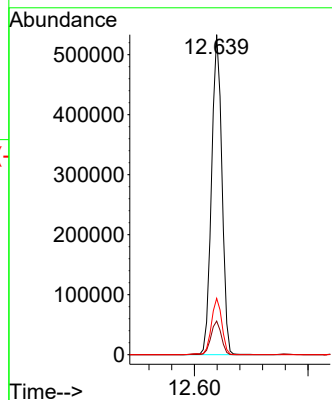
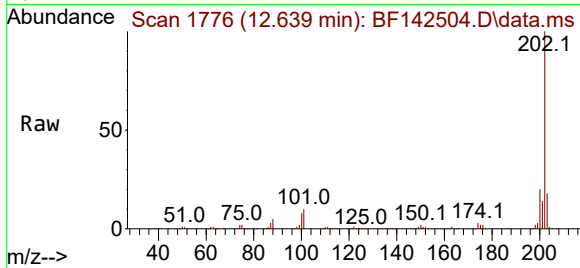




#75
Fluoranthene
Concen: 39.036 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

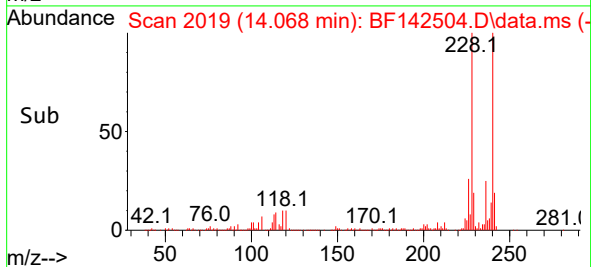
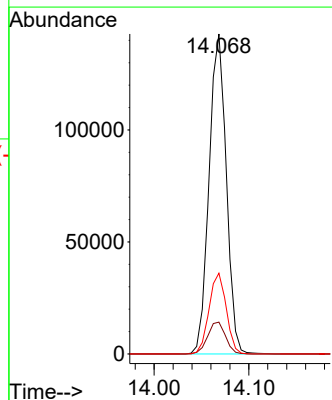
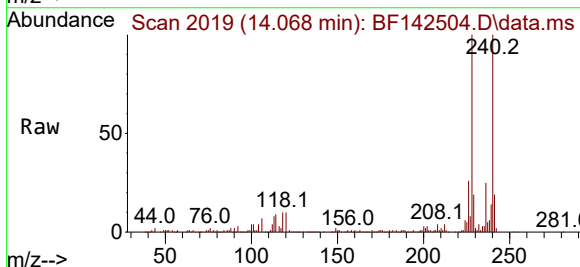
Instrument :
BNA_F
ClientSampleId :
PB168104BS

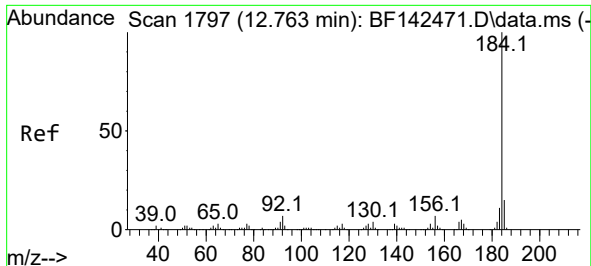
Tgt Ion:202 Resp: 672306
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.6
203 17.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Tgt Ion:240 Resp: 180669
Ion Ratio Lower Upper
240 100
120 10.0 7.5 11.3
236 25.3 19.6 29.4

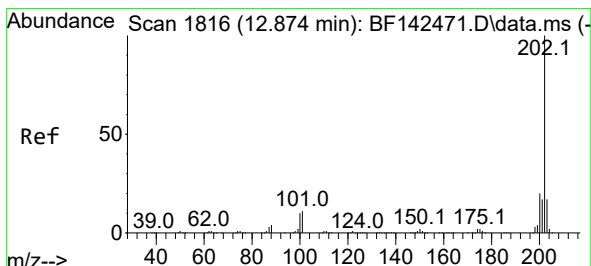
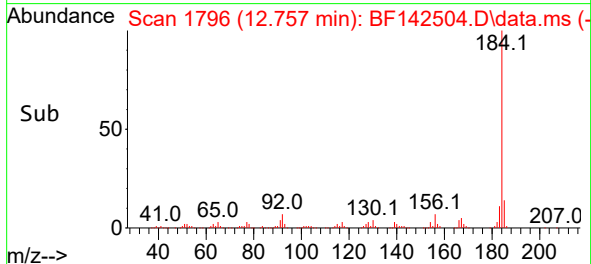
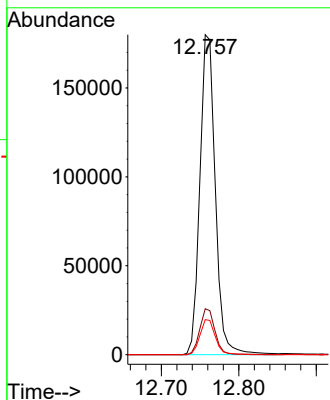
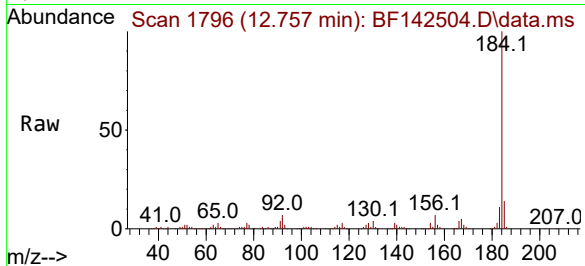




#77
Benzidine
Concen: 37.075 ng
RT: 12.757 min Scan# 1796
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

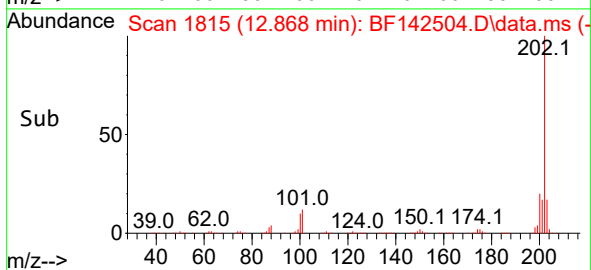
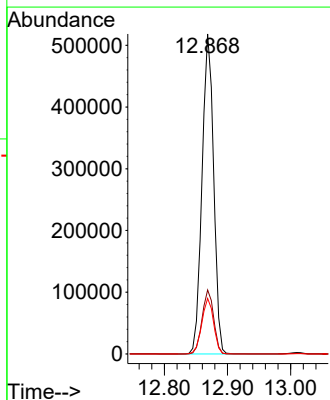
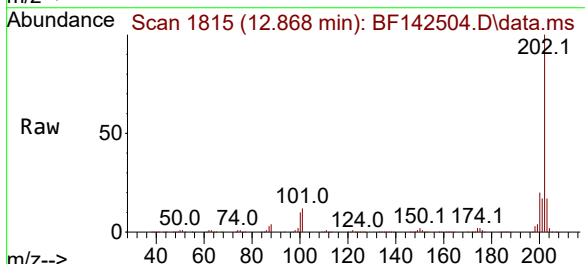
Instrument :
BNA_F
ClientSampleId :
PB168104BS

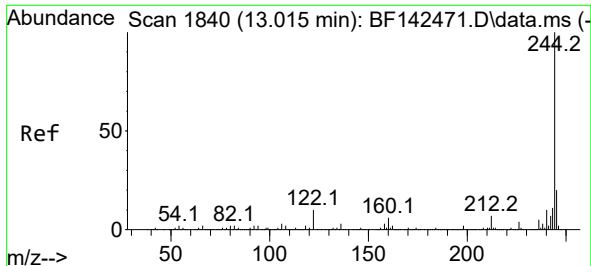
Tgt Ion:184 Resp: 249267
Ion Ratio Lower Upper
184 100
185 14.4 11.6 17.4
183 10.9 9.0 13.4



#78
Pyrene
Concen: 39.336 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Tgt Ion:202 Resp: 662964
Ion Ratio Lower Upper
202 100
200 20.0 16.1 24.1
203 17.4 13.9 20.9

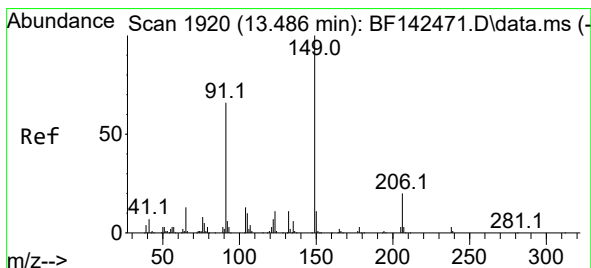
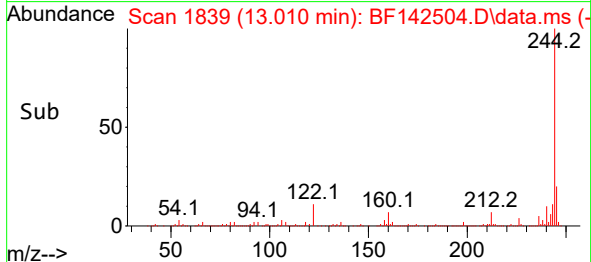
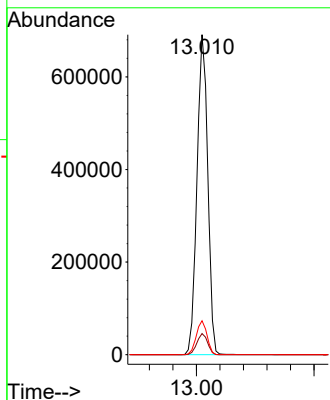
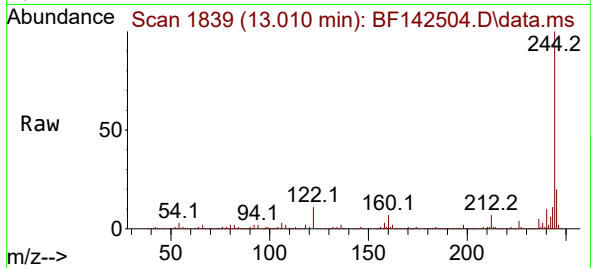




#79
 Terphenyl-d14
 Concen: 66.406 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142504.D
 Acq: 22 May 2025 12:09

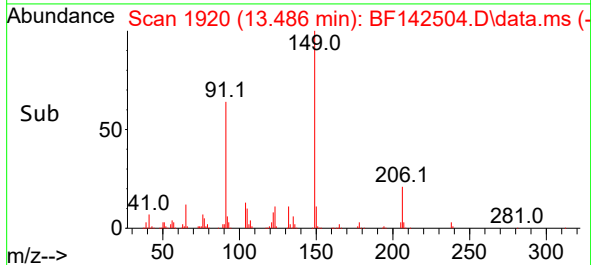
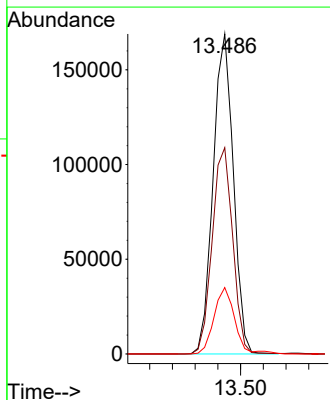
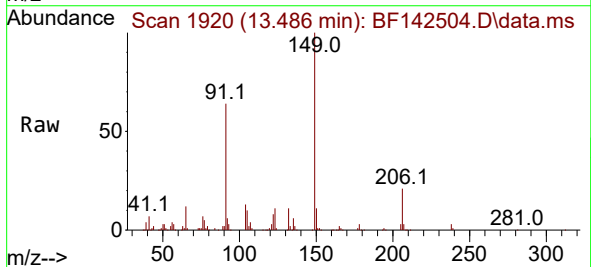
Instrument :
 BNA_F
 ClientSampleId :
 PB168104BS

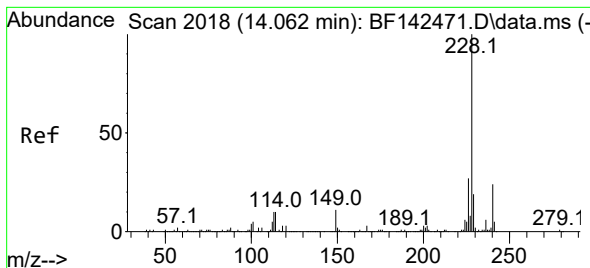
Tgt Ion:244 Resp: 877945
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 10.6 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 44.812 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142504.D
 Acq: 22 May 2025 12:09

Tgt Ion:149 Resp: 208688
 Ion Ratio Lower Upper
 149 100
 91 64.5 52.9 79.3
 206 20.8 16.2 24.2





#81

Benzo(a)anthracene

Concen: 42.356 ng

RT: 14.057 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF142504.D

Acq: 22 May 2025 12:09

Instrument :

BNA_F

ClientSampleId :

PB168104BS

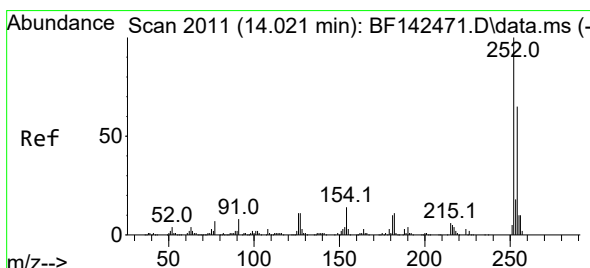
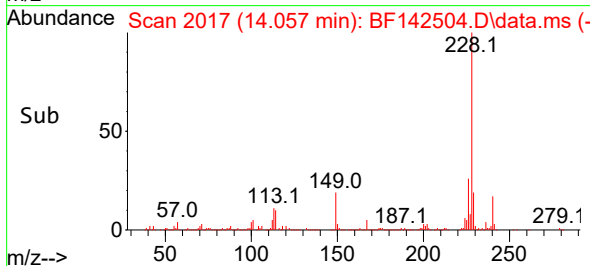
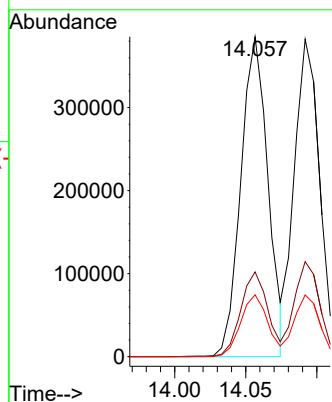
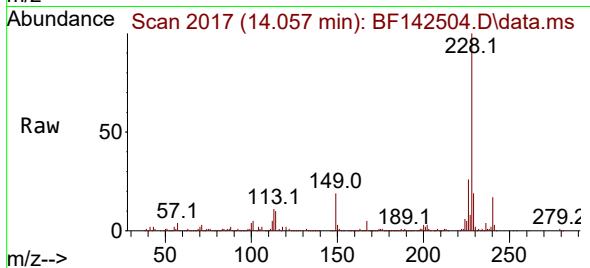
Tgt Ion:228 Resp: 510999

Ion Ratio Lower Upper

228 100

226 26.5 21.2 31.8

229 19.4 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 18.687 ng

RT: 14.015 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF142504.D

Acq: 22 May 2025 12:09

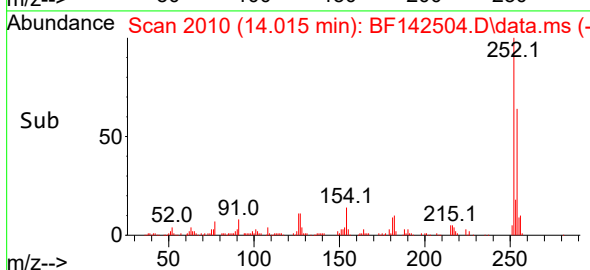
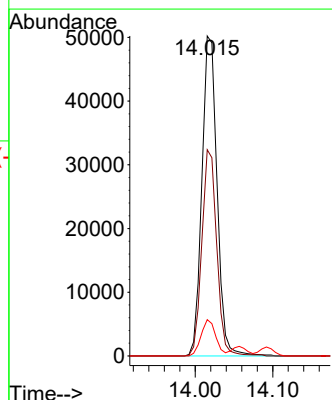
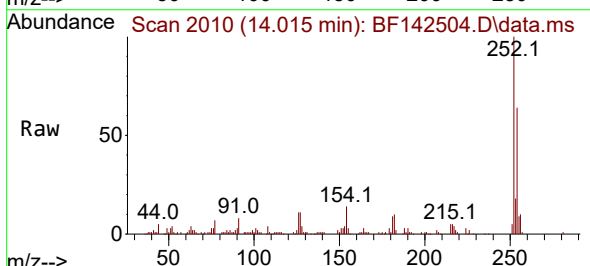
Tgt Ion:252 Resp: 68378

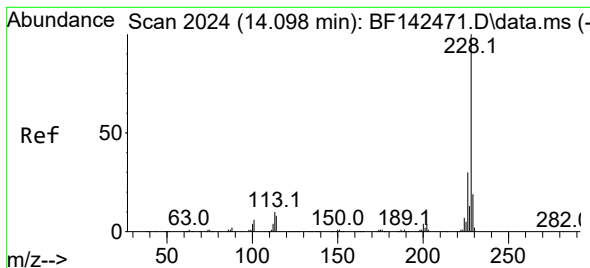
Ion Ratio Lower Upper

252 100

254 64.4 52.0 78.0

126 11.3 8.9 13.3





#83

Chrysene

Concen: 43.536 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF142504.D

Acq: 22 May 2025 12:09

Instrument :

BNA_F

ClientSampleId :

PB168104BS

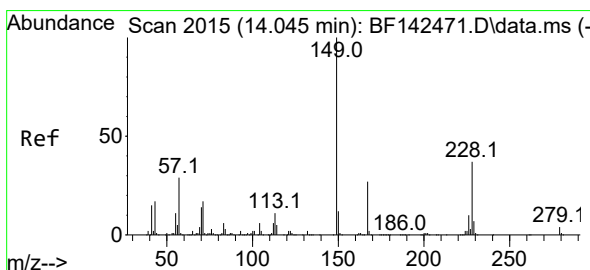
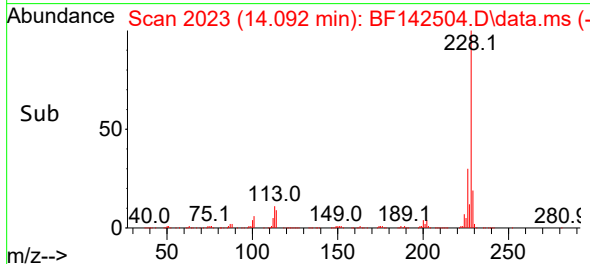
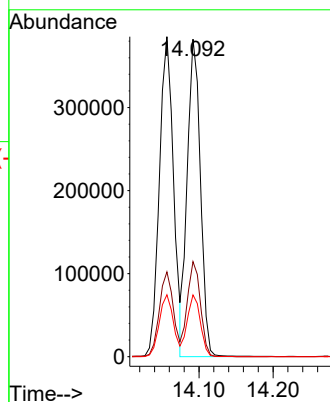
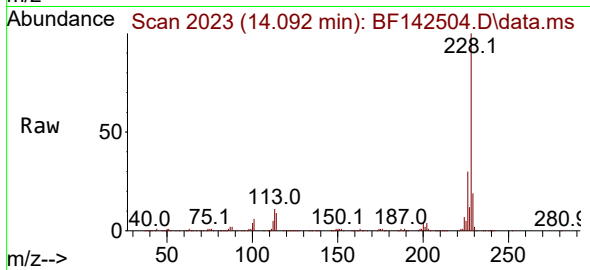
Tgt Ion:228 Resp: 471946

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

229 19.5 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.590 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142504.D

Acq: 22 May 2025 12:09

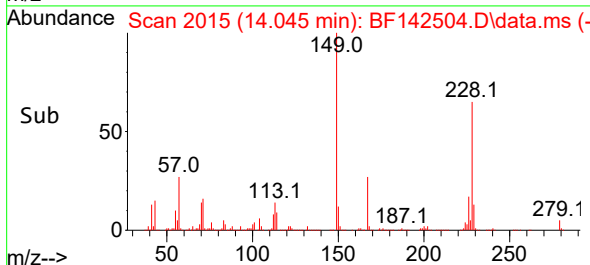
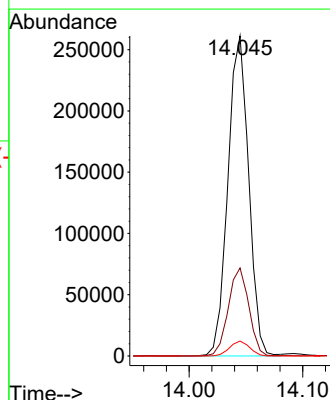
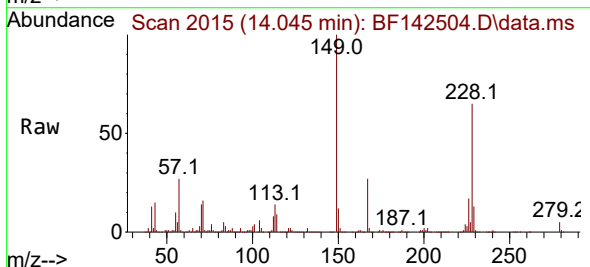
Tgt Ion:149 Resp: 331407

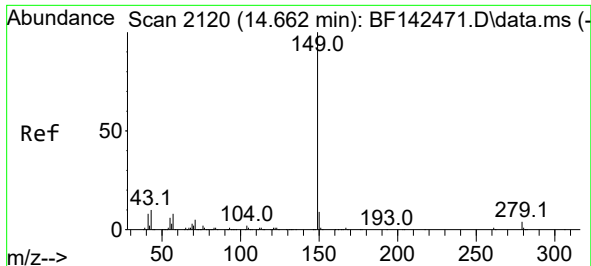
Ion Ratio Lower Upper

149 100

167 27.5 21.5 32.3

279 4.6 3.2 4.8

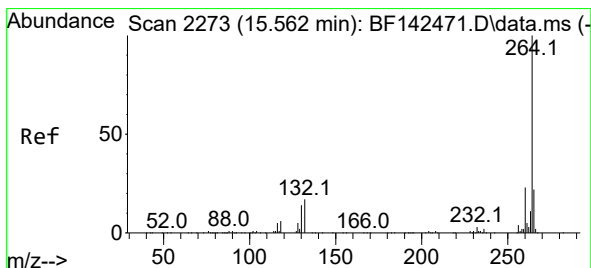
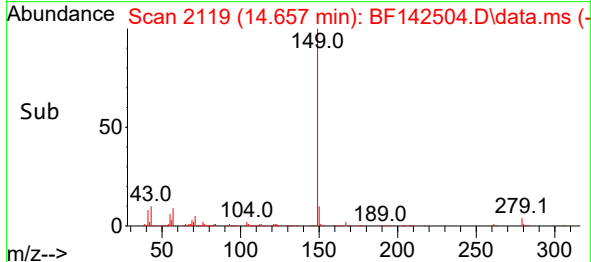
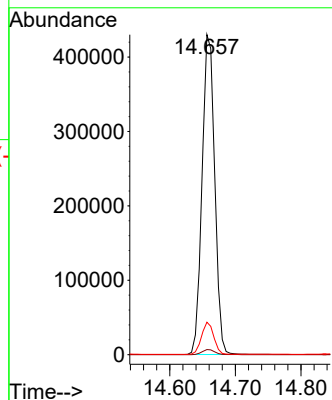
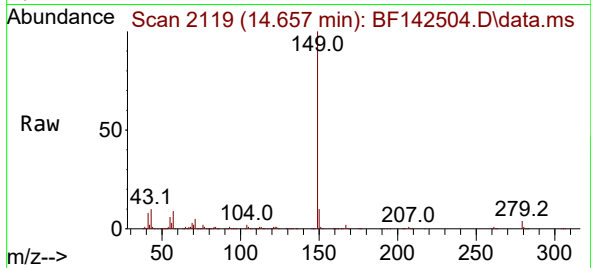




#85
Di-n-octyl phthalate
Concen: 49.636 ng
RT: 14.657 min Scan# 2119
Delta R.T. -0.011 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

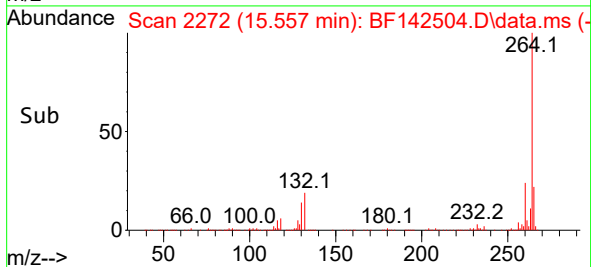
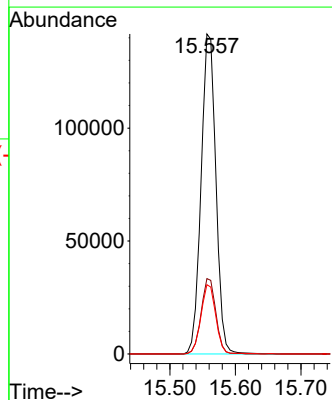
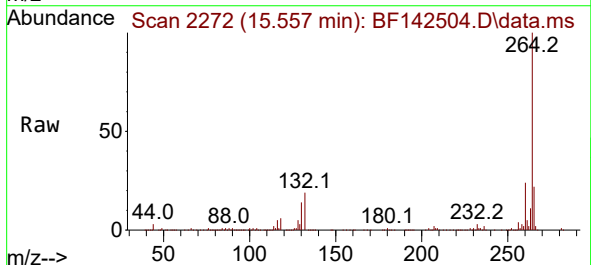
Instrument :
BNA_F
ClientSampleId :
PB168104BS

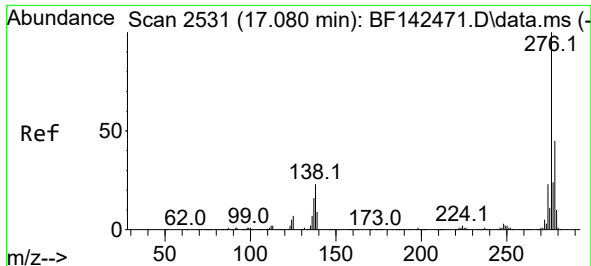
Tgt Ion:149 Resp: 578597
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.7 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Tgt Ion:264 Resp: 222857
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.7 17.7 26.5

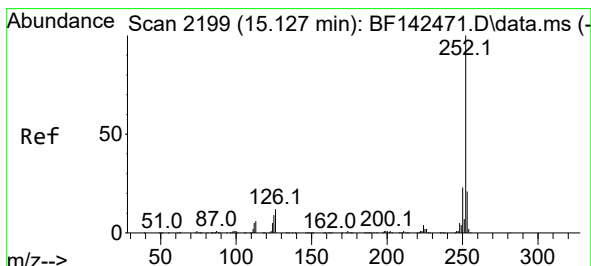
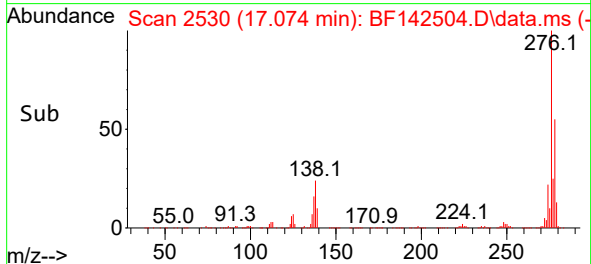
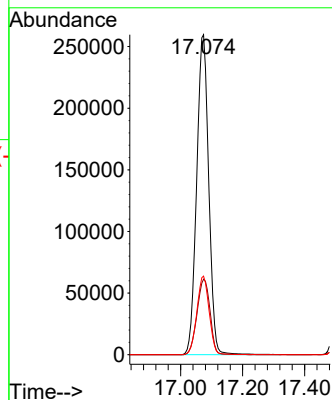
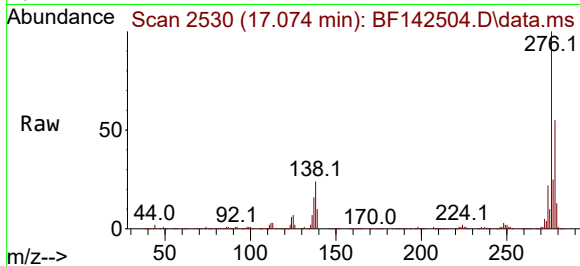




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.918 ng
 RT: 17.074 min Scan# 2198
 Delta R.T. -0.018 min
 Lab File: BF142504.D
 Acq: 22 May 2025 12:09

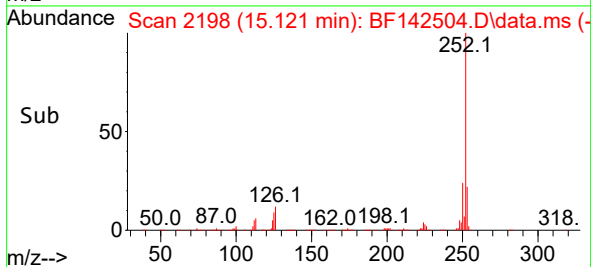
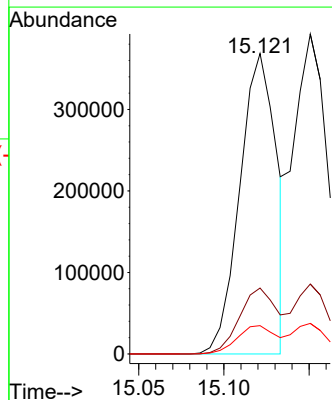
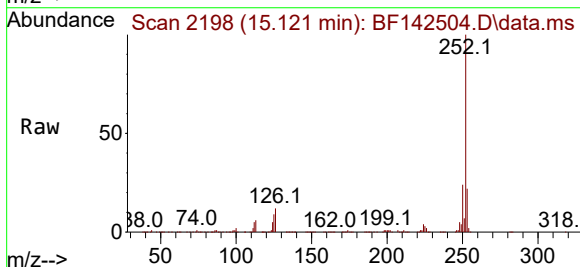
Instrument :
 BNA_F
 ClientSampleId :
 PB168104BS

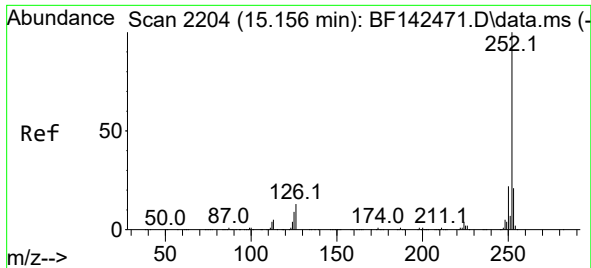
Tgt Ion:276 Resp: 701316
 Ion Ratio Lower Upper
 276 100
 138 25.3 19.9 29.9
 277 25.0 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 41.734 ng
 RT: 15.121 min Scan# 2198
 Delta R.T. -0.006 min
 Lab File: BF142504.D
 Acq: 22 May 2025 12:09

Tgt Ion:252 Resp: 550465
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.0 25.4
 125 9.4 7.4 11.0

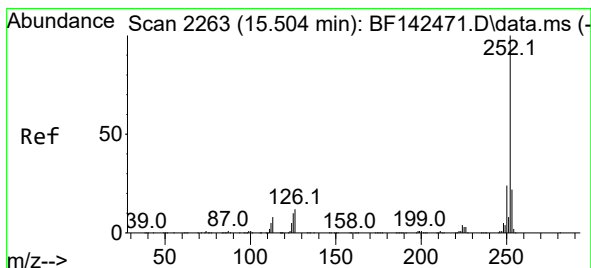
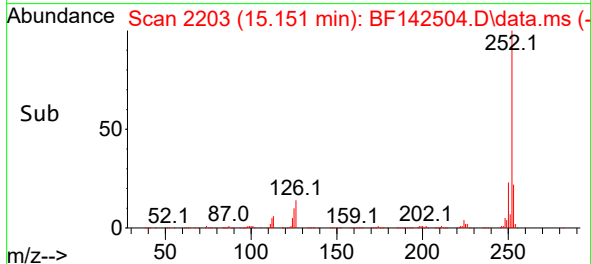
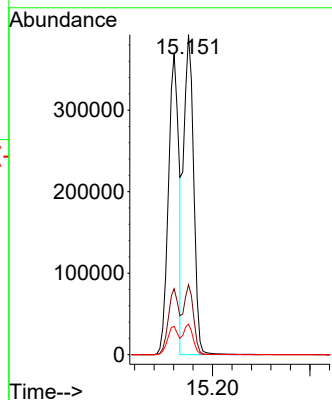
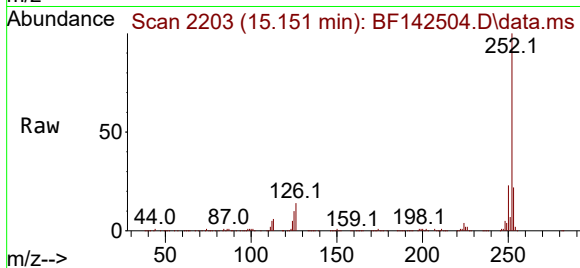




#89
Benzo(k)fluoranthene
Concen: 44.877 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

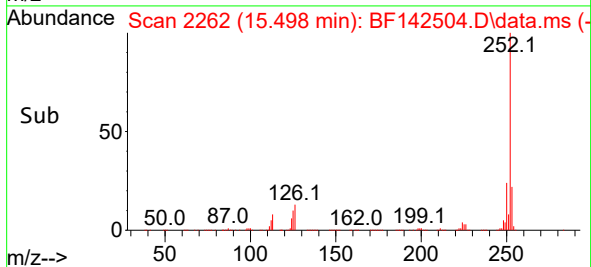
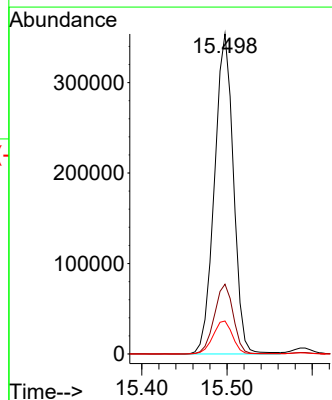
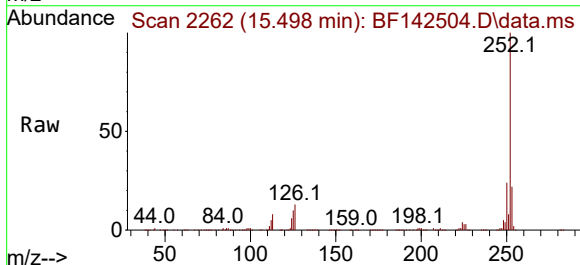
Instrument :
BNA_F
ClientSampleId :
PB168104BS

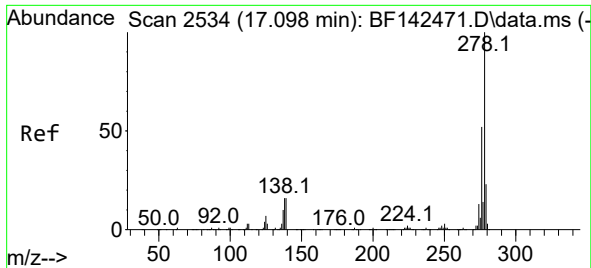
Tgt Ion:252 Resp: 554394
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.4
125 9.6 7.3 10.9



#90
Benzo(a)pyrene
Concen: 44.041 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Tgt Ion:252 Resp: 547540
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 10.3 7.9 11.9

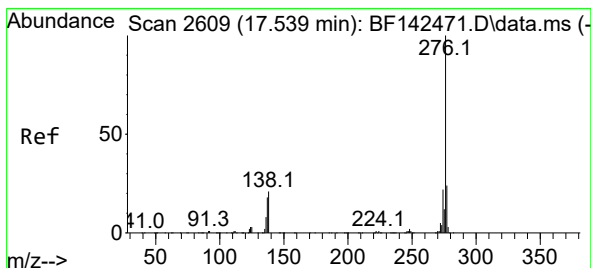
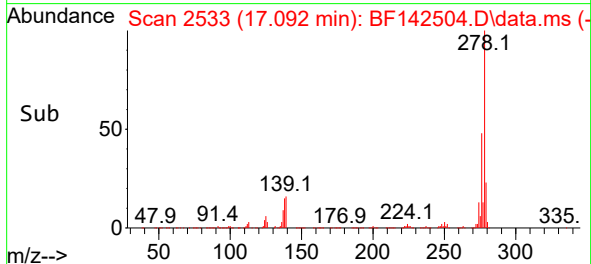
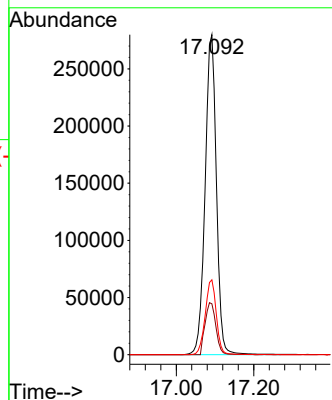
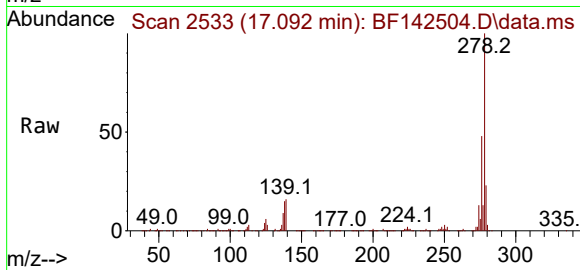




#91
Dibenzo(a,h)anthracene
Concen: 41.777 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Instrument :
BNA_F
ClientSampleId :
PB168104BS

Tgt Ion:278 Resp: 566893
Ion Ratio Lower Upper
278 100
139 15.9 12.8 19.2
279 23.4 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 41.629 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.029 min
Lab File: BF142504.D
Acq: 22 May 2025 12:09

Tgt Ion:276 Resp: 565003
Ion Ratio Lower Upper
276 100
277 23.6 19.2 28.8
138 22.2 16.8 25.2

