

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
 Data File : BF142554.D
 Acq On : 27 May 2025 11:14
 Operator : RC/JU
 Sample : PB168148BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168148BS

Quant Time: May 27 11:49:14 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	117001	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	459104	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	256338	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	454618	20.000	ng	0.00
76) Chrysene-d12	14.068	240	262646	20.000	ng	0.00
86) Perylene-d12	15.562	264	245750	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	797708	114.866	ng	0.00
7) Phenol-d6	6.528	99	984229	117.734	ng	0.00
23) Nitrobenzene-d5	7.463	82	602601	71.572	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	352188	123.791	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1309821	68.566	ng	-0.01
79) Terphenyl-d14	13.015	244	1353438	70.419	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	97871	35.218	ng	99
3) Pyridine	3.516	79	272390	38.491	ng	100
4) n-Nitrosodimethylamine	3.469	42	150039	40.834	ng	93
6) Aniline	6.563	93	314390	27.970	ng	98
8) 2-Chlorophenol	6.681	128	319186	42.197	ng	98
9) Benzaldehyde	6.445	77	186747	37.141	ng	97
10) Phenol	6.539	94	386134	41.050	ng	97
11) bis(2-Chloroethyl)ether	6.634	93	282921	41.783	ng	99
12) 1,3-Dichlorobenzene	6.839	146	338223	40.071	ng	98
13) 1,4-Dichlorobenzene	6.916	146	340585	40.058	ng	99
14) 1,2-Dichlorobenzene	7.069	146	327261	40.226	ng	99
15) Benzyl Alcohol	7.039	79	262834	42.545	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	464501	40.849	ng	97
17) 2-Methylphenol	7.151	107	252276	42.717	ng	99
18) Hexachloroethane	7.410	117	120051	40.437	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	212362	40.989	ng	100
20) 3+4-Methylphenols	7.304	107	315674	41.740	ng	97
22) Acetophenone	7.304	105	412272	40.566	ng	95
24) Nitrobenzene	7.481	77	315442	41.540	ng	99
25) Isophorone	7.722	82	577597	41.032	ng	98
26) 2-Nitrophenol	7.798	139	173172	42.679	ng	98
27) 2,4-Dimethylphenol	7.833	122	306203	42.793	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	365696	41.587	ng	98
29) 2,4-Dichlorophenol	8.039	162	277954	42.714	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	289532	40.997	ng	98
31) Naphthalene	8.204	128	930350	41.155	ng	100
32) Benzoic acid	7.951	122	203865	46.804	ng	97
33) 4-Chloroaniline	8.251	127	107118	11.694	ng	98
34) Hexachlorobutadiene	8.322	225	175836	39.875	ng	99
35) Caprolactam	8.622	113	51731	28.305	ng	95
36) 4-Chloro-3-methylphenol	8.733	107	287441	43.101	ng	97
37) 2-Methylnaphthalene	8.898	142	580126	40.791	ng	99
38) 1-Methylnaphthalene	8.992	142	603579	41.030	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	293911	39.942	ng	99
41) Hexachlorocyclopentadiene	9.051	237	402194	81.024	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	207662	41.852	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	221199	42.270	ng	98
46) 1,1'-Biphenyl	9.363	154	805425	40.500	ng	100
47) 2-Chloronaphthalene	9.386	162	594359	40.451	ng	99
48) 2-Nitroaniline	9.480	65	181095	42.640	ng	97
49) Acenaphthylene	9.804	152	1016352	40.964	ng	100
50) Dimethylphthalate	9.663	163	721244	42.642	ng	100
51) 2,6-Dinitrotoluene	9.722	165	160168	43.875	ng	100
52) Acenaphthene	9.974	154	685729	45.262	ng	100
53) 3-Nitroaniline	9.892	138	85733	21.501	ng	97
54) 2,4-Dinitrophenol	9.998	184	193228	102.452	ng	91
55) Dibenzofuran	10.145	168	900013	41.282	ng	99
56) 4-Nitrophenol	10.051	139	271740	92.365	ng	97
57) 2,4-Dinitrotoluene	10.127	165	224061	46.997	ng	100
58) Fluorene	10.492	166	697770	41.429	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	188176	43.075	ng	100
60) Diethylphthalate	10.363	149	711417	43.066	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	341195	41.238	ng	98
62) 4-Nitroaniline	10.510	138	169492	46.869	ng	98
63) Azobenzene	10.639	77	627218	42.273	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	121803	48.009	ng	96
66) n-Nitrosodiphenylamine	10.598	169	621470	39.957	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	216513	40.278	ng	98
68) Hexachlorobenzene	11.039	284	241072	40.547	ng	99
69) Atrazine	11.127	200	193658	46.884	ng	100
70) Pentachlorophenol	11.233	266	288445	85.931	ng	99
71) Phenanthrene	11.457	178	997602	41.061	ng	100
72) Anthracene	11.504	178	1029649	41.525	ng	99
73) Carbazole	11.657	167	919535	43.379	ng	100
74) Di-n-butylphthalate	11.986	149	1065447	45.919	ng	100
75) Fluoranthene	12.645	202	1015709	44.741	ng	99
77) Benzidine	12.763	184	320164	32.757	ng	99
78) Pyrene	12.874	202	997841	40.726	ng	100
80) Butylbenzylphthalate	13.486	149	324535	47.937	ng	99
81) Benzo(a)anthracene	14.057	228	750849	42.812	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	92748	17.435	ng	96
83) Chrysene	14.098	228	639306	40.567	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	387833	44.750	ng	99
85) Di-n-octyl phthalate	14.657	149	636586	37.565	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	762321	41.320	ng	99
88) Benzo(b)fluoranthene	15.121	252	656497	45.137	ng	98
89) Benzo(k)fluoranthene	15.151	252	549403	40.330	ng	98
90) Benzo(a)pyrene	15.498	252	593336	43.278	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	622394	41.595	ng	100
92) Benzo(g,h,i)perylene	17.539	276	618259	41.309	ng	98

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

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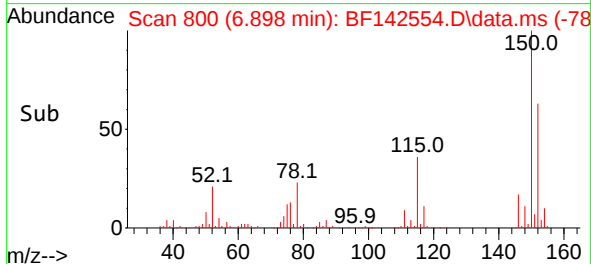
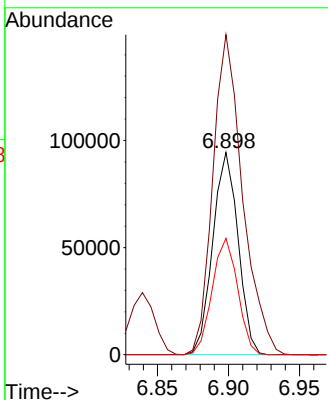
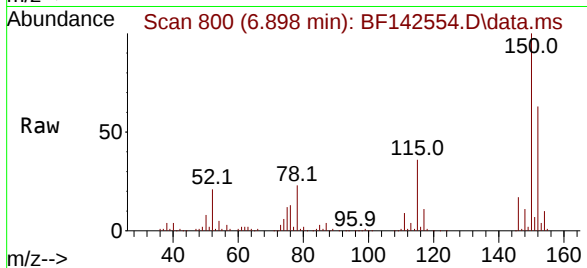




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142554.D
 Acq: 27 May 2025 11:14

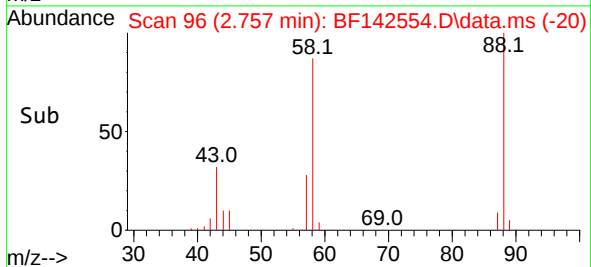
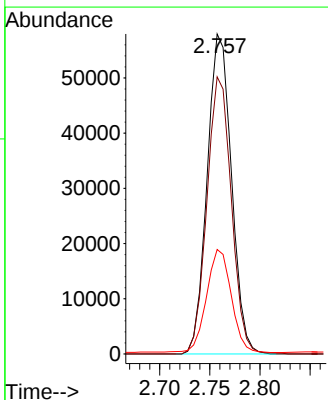
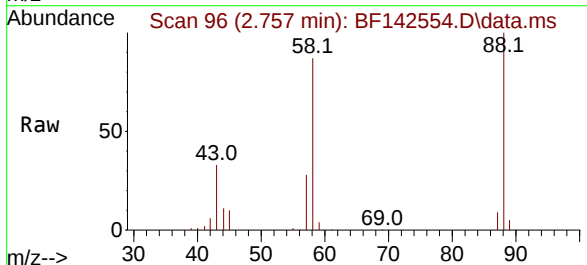
Instrument :
 BNA_F
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 PB168148BS

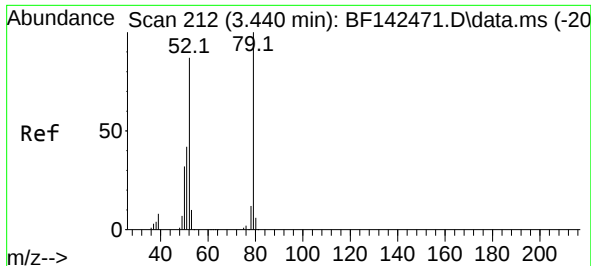
Tgt Ion:152 Resp: 117001
 Ion Ratio Lower Upper
 152 100
 150 158.2 128.2 192.4
 115 57.5 48.3 72.5



#2
 1,4-Dioxane
 Concen: 35.218 ng
 RT: 2.757 min Scan# 96
 Delta R.T. 0.094 min
 Lab File: BF142554.D
 Acq: 27 May 2025 11:14

Tgt Ion: 88 Resp: 97871
 Ion Ratio Lower Upper
 88 100
 58 87.2 70.8 106.2
 43 32.8 26.6 40.0





#3

Pyridine

Concen: 38.491 ng

RT: 3.516 min Scan# 21

Delta R.T. 0.076 min

Lab File: BF142554.D

Acq: 27 May 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB168148BS

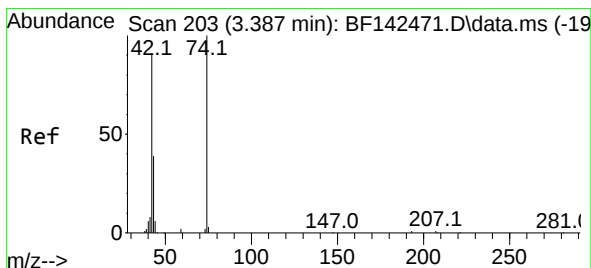
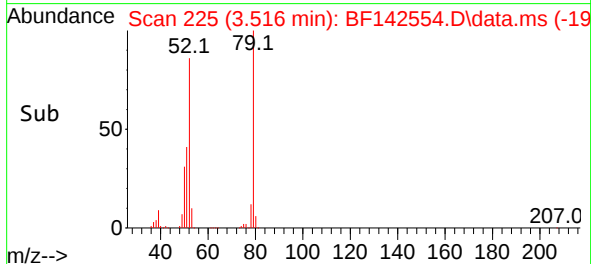
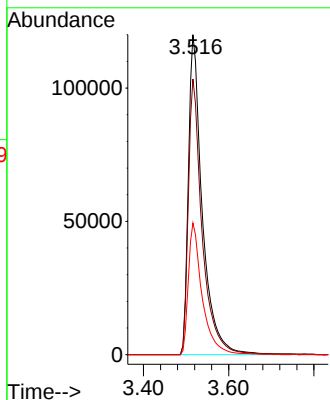
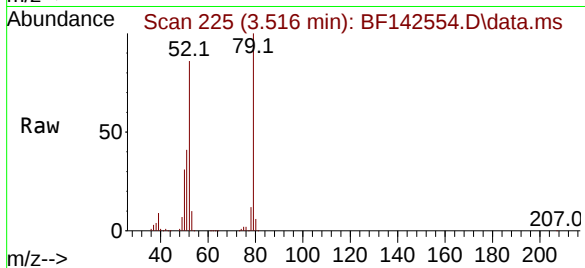
Tgt Ion: 79 Resp: 272390

Ion Ratio Lower Upper

79 100

52 86.1 69.2 103.8

51 41.1 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 40.834 ng

RT: 3.469 min Scan# 217

Delta R.T. 0.065 min

Lab File: BF142554.D

Acq: 27 May 2025 11:14

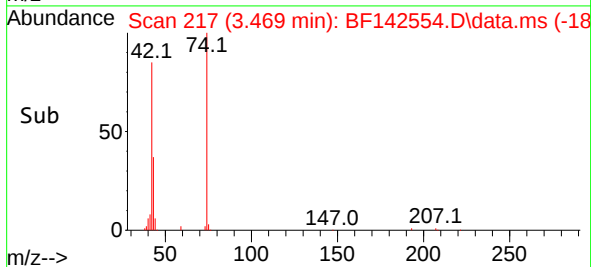
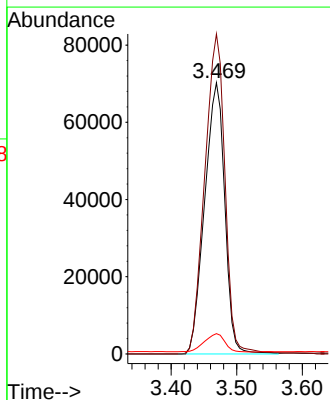
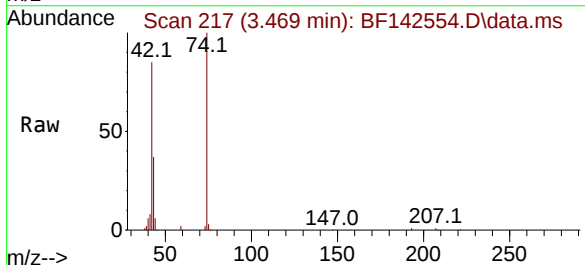
Tgt Ion: 42 Resp: 150039

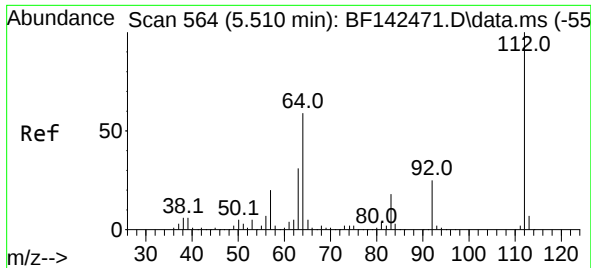
Ion Ratio Lower Upper

42 100

74 118.0 88.2 132.4

44 7.5 5.4 8.2

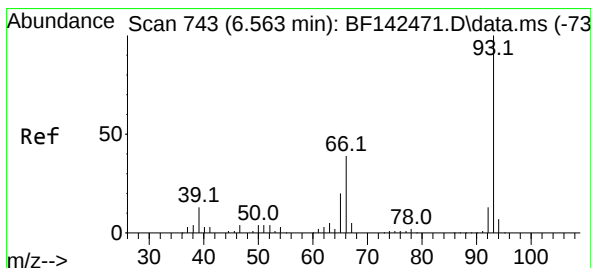
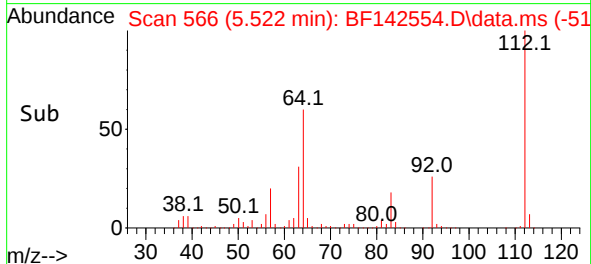
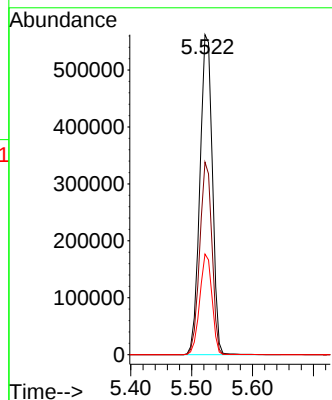
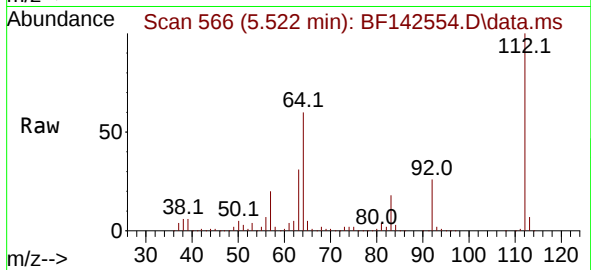




#5
2-Fluorophenol
Concen: 114.866 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

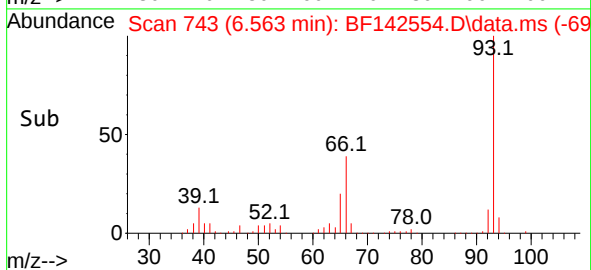
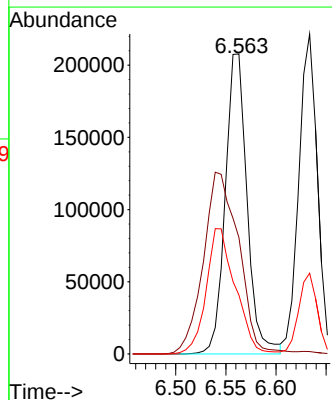
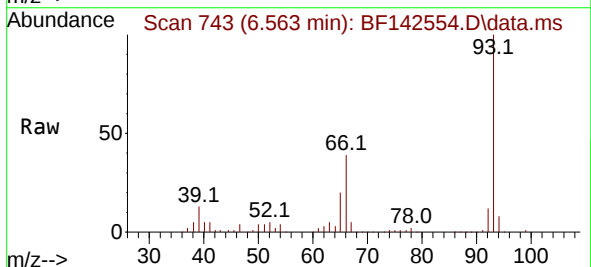
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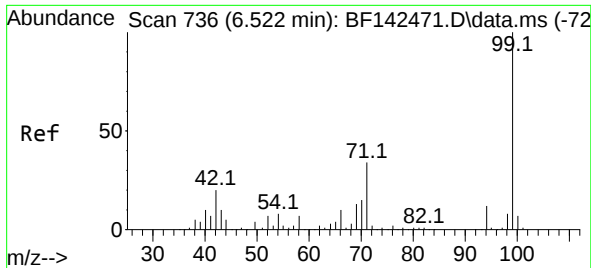
Tgt Ion:112 Resp: 797708
Ion Ratio Lower Upper
112 100
64 60.1 47.5 71.3
63 31.4 24.9 37.3



#6
Aniline
Concen: 27.970 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Tgt Ion: 93 Resp: 314390
Ion Ratio Lower Upper
93 100
66 38.8 32.0 48.0
65 19.6 16.1 24.1

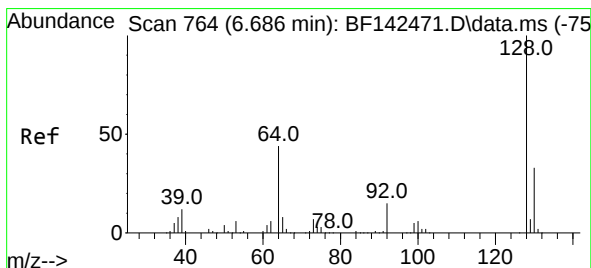
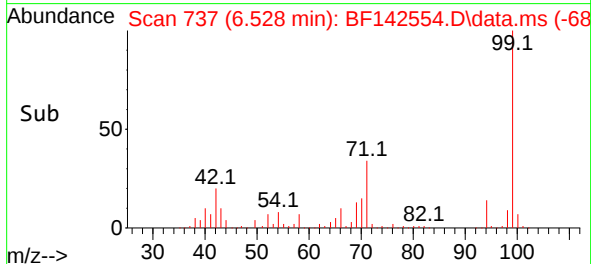
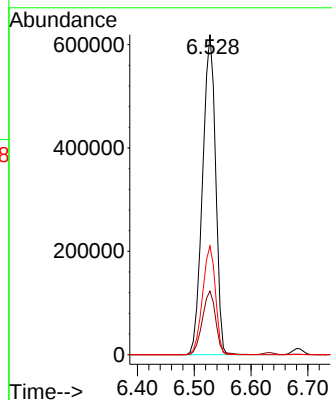
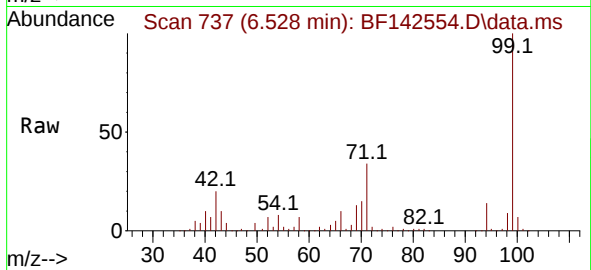




#7
Phenol-d6
Concen: 117.734 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

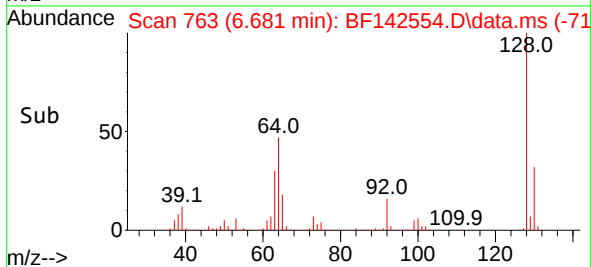
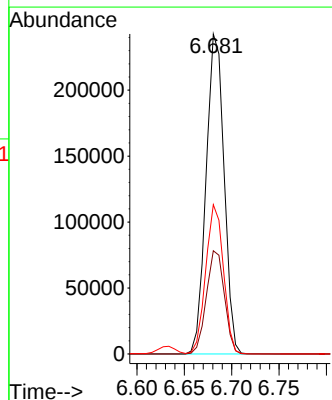
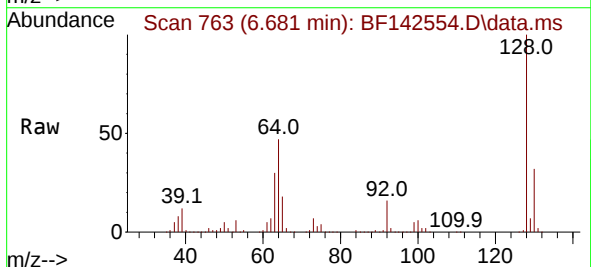
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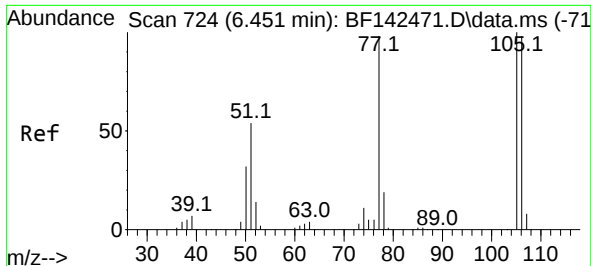
Tgt Ion: 99 Resp: 984229
Ion Ratio Lower Upper
99 100
42 19.9 16.2 24.2
71 33.9 27.3 40.9



#8
2-Chlorophenol
Concen: 42.197 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
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Tgt Ion:128 Resp: 319186
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 46.6 25.1 65.1





#9

Benzaldehyde

Concen: 37.141 ng

RT: 6.445 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142554.D

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BNA_F

ClientSampleId :

PB168148BS

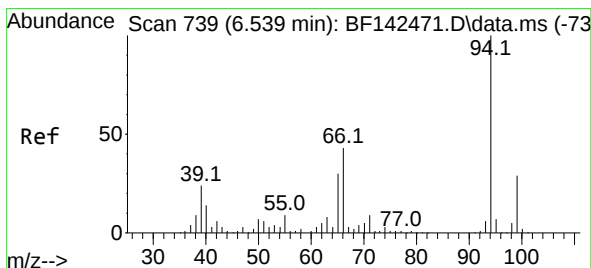
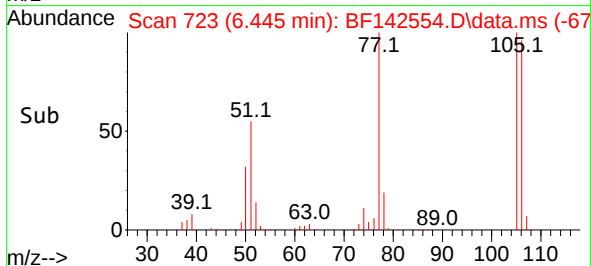
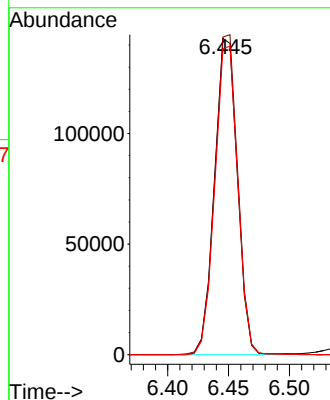
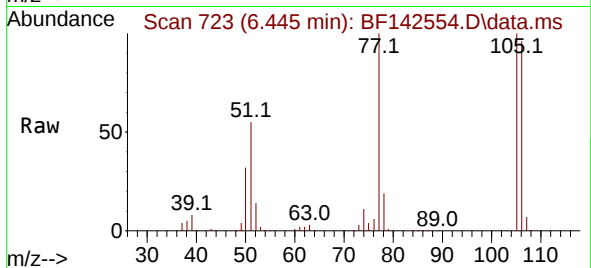
Tgt Ion: 77 Resp: 186747

Ion Ratio Lower Upper

77 100

105 100.4 82.5 122.5

106 96.7 80.0 120.0



#10

Phenol

Concen: 41.050 ng

RT: 6.539 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF142554.D

Acq: 27 May 2025 11:14

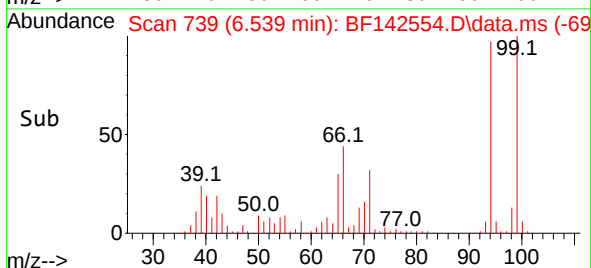
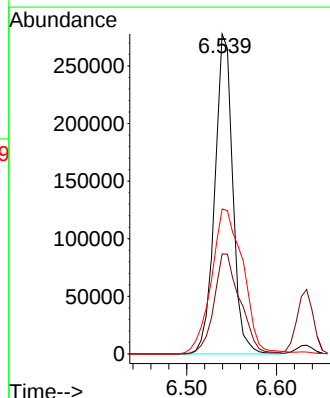
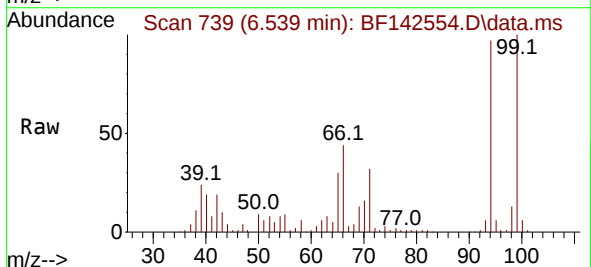
Tgt Ion: 94 Resp: 386134

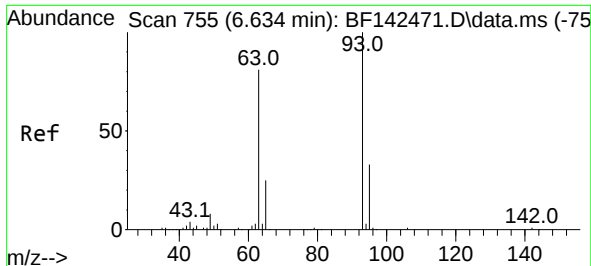
Ion Ratio Lower Upper

94 100

65 31.2 10.3 50.3

66 45.3 22.6 62.6

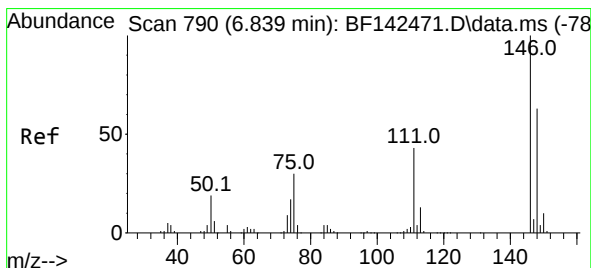
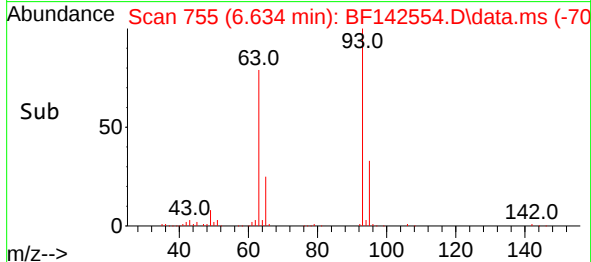
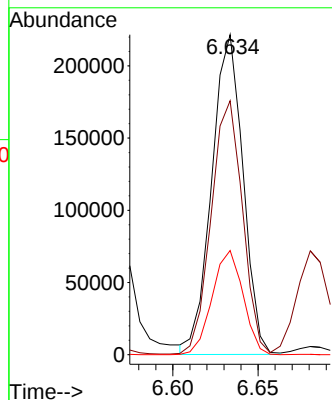
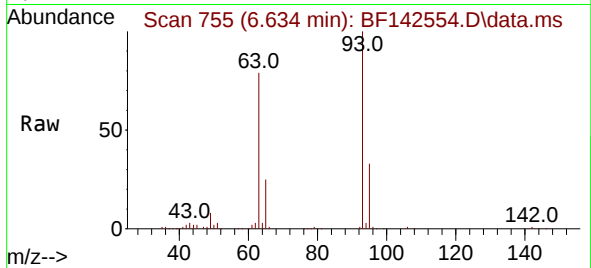




#11
bis(2-Chloroethyl)ether
Concen: 41.783 ng
RT: 6.634 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

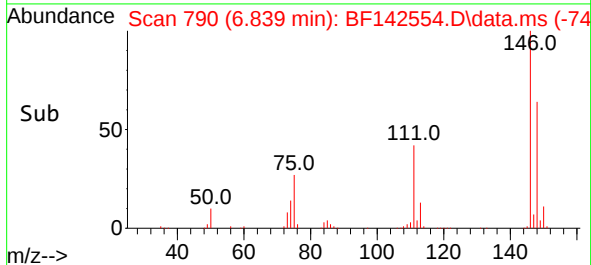
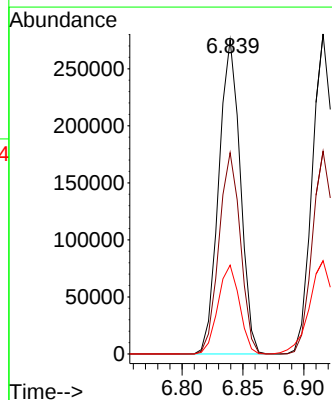
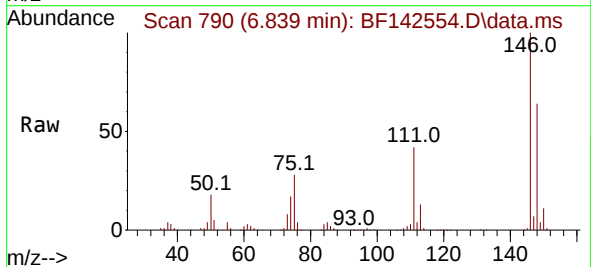
Instrument :
BNA_F
ClientSampleId :
PB168148BS

Tgt Ion: 93 Resp: 282921
Ion Ratio Lower Upper
93 100
63 79.4 60.2 100.2
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 40.071 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Tgt Ion: 146 Resp: 338223
Ion Ratio Lower Upper
146 100
148 64.1 50.6 75.8
75 28.3 23.8 35.6

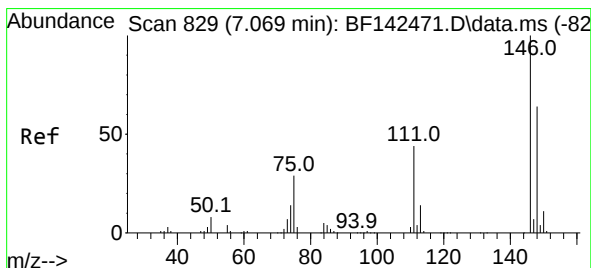
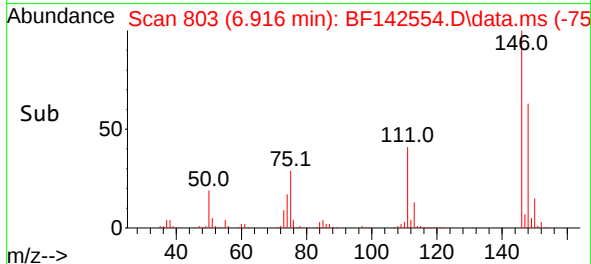
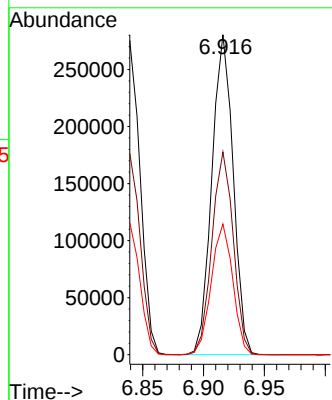
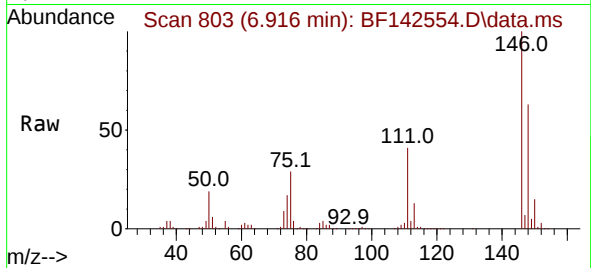




#13
1,4-Dichlorobenzene
Concen: 40.058 ng
RT: 6.916 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

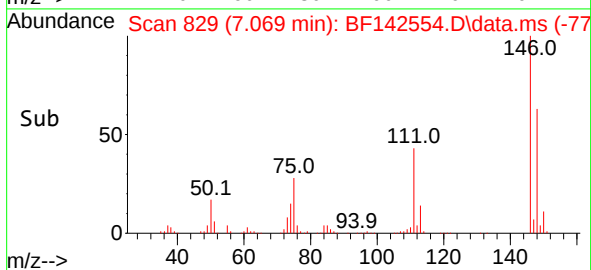
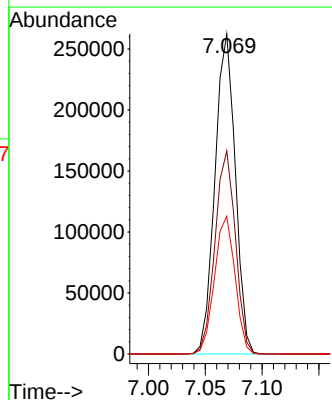
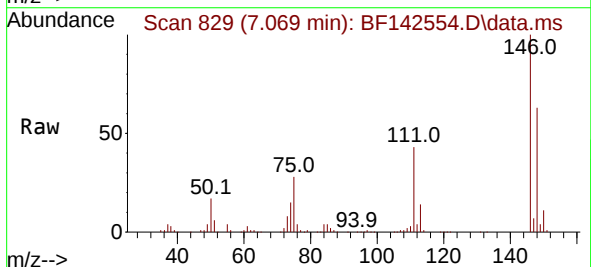
Instrument :
BNA_F
ClientSampleId :
PB168148BS

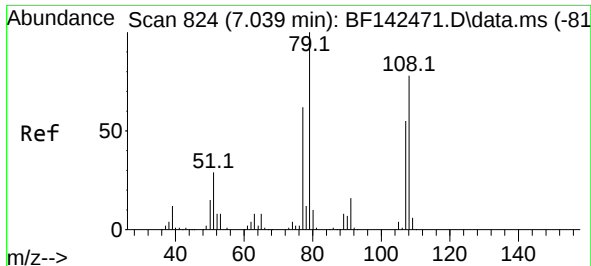
Tgt Ion:146 Resp: 340585
Ion Ratio Lower Upper
146 100
148 63.4 50.4 75.6
111 40.9 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 40.226 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Tgt Ion:146 Resp: 327261
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
111 43.1 35.0 52.6

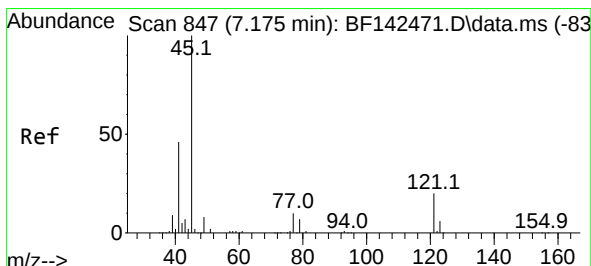
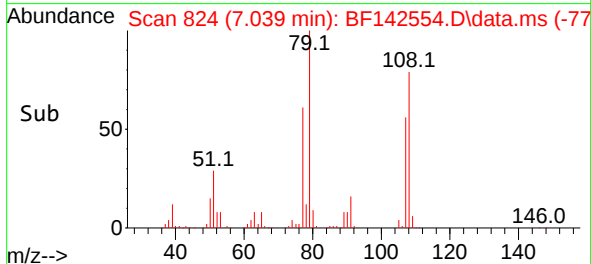
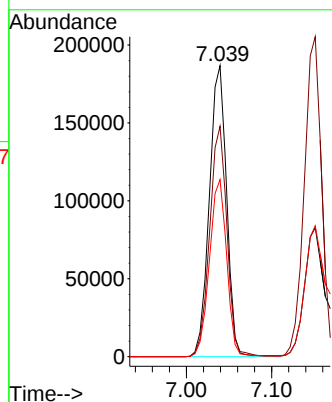
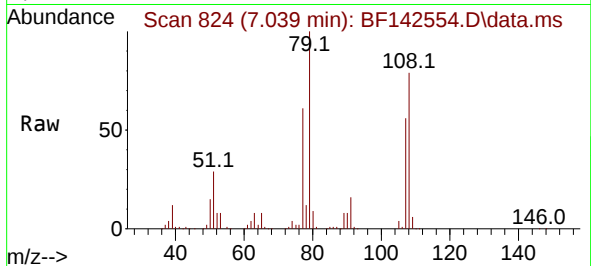




#15
Benzyl Alcohol
Concen: 42.545 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

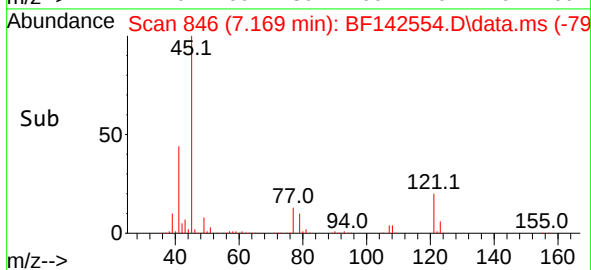
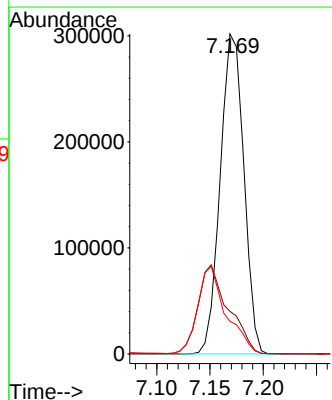
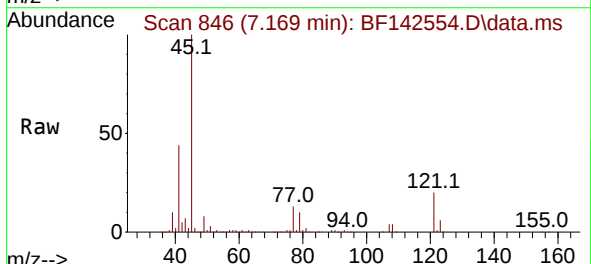
Instrument :
BNA_F
ClientSampleId :
PB168148BS

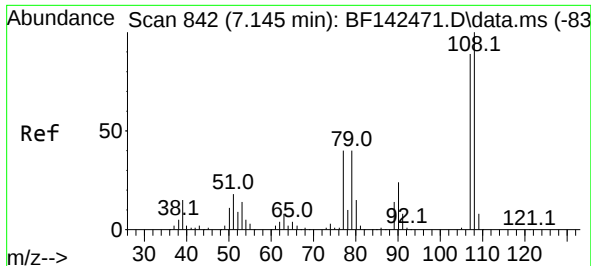
Tgt Ion: 79 Resp: 262834
Ion Ratio Lower Upper
79 100
108 79.1 62.1 93.1
77 60.9 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.849 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Tgt Ion: 45 Resp: 464501
Ion Ratio Lower Upper
45 100
77 13.3 0.0 32.0
79 10.2 0.0 29.2

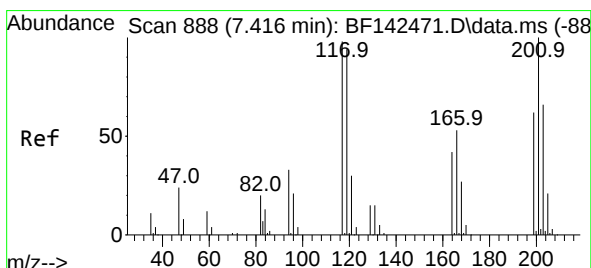
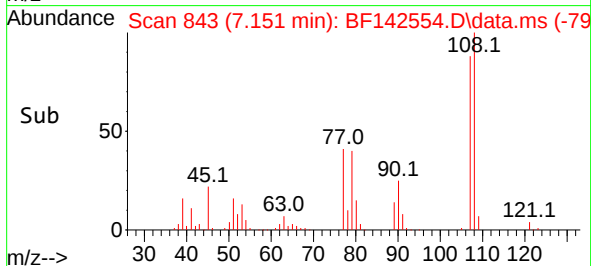
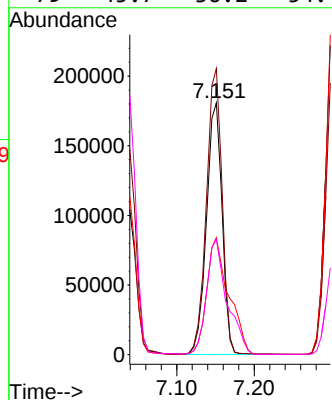
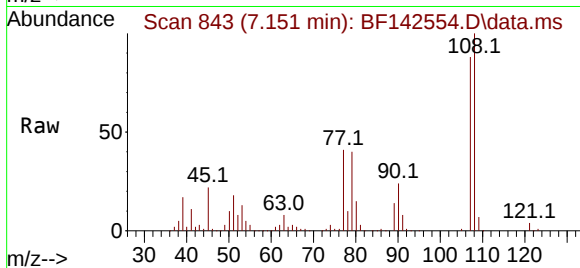




#17
2-Methylphenol
Concen: 42.717 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

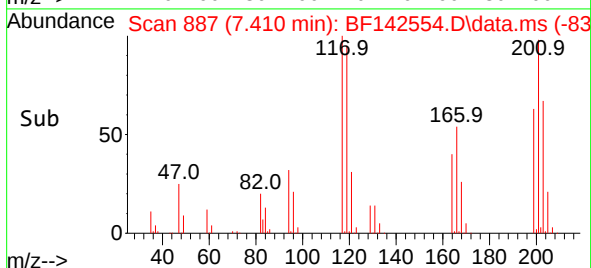
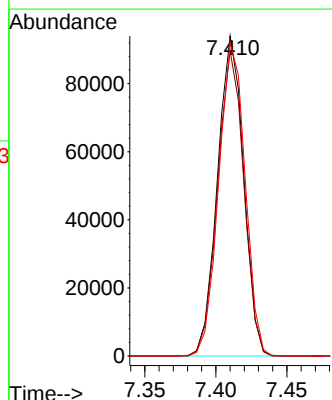
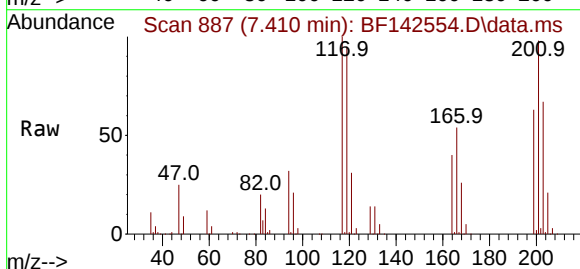
Instrument :
BNA_F
ClientSampleId :
PB168148BS

Tgt Ion:107 Resp: 252276
Ion Ratio Lower Upper
107 100
108 113.6 90.2 135.2
77 46.4 36.1 54.1
79 45.7 36.2 54.4



#18
Hexachloroethane
Concen: 40.437 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Tgt Ion:117 Resp: 120051
Ion Ratio Lower Upper
117 100
119 95.3 76.6 114.8
201 97.8 81.3 121.9

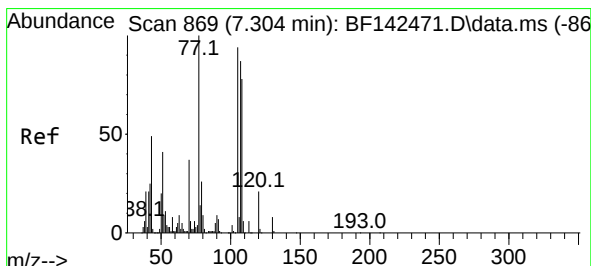
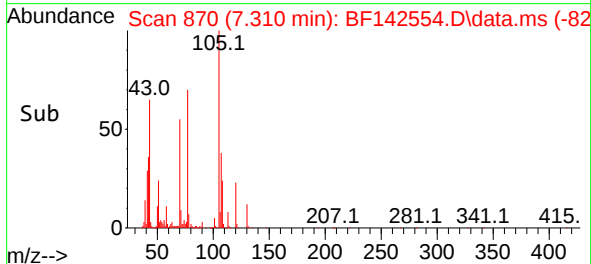
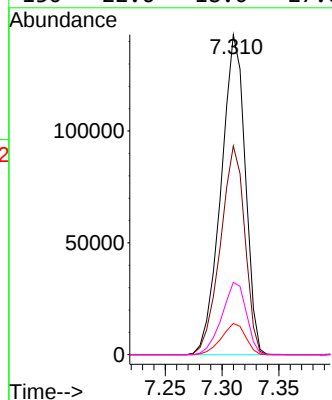
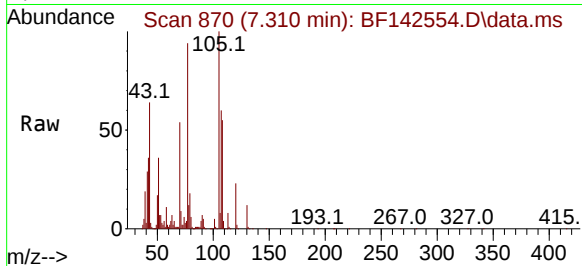




#19
n-Nitroso-di-n-propylamine
Concen: 40.989 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

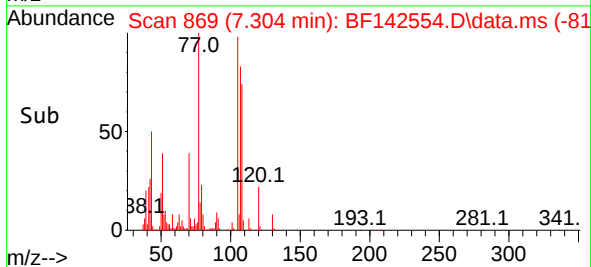
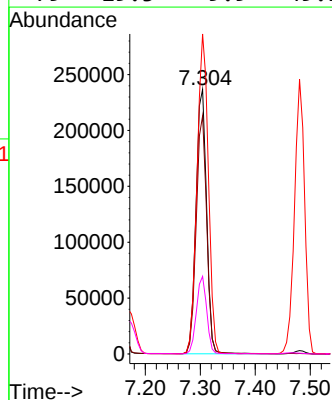
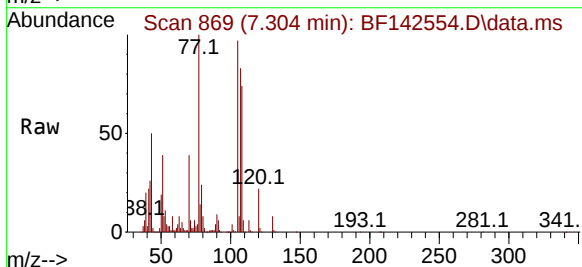
Instrument :
BNA_F
ClientSampleId :
PB168148BS

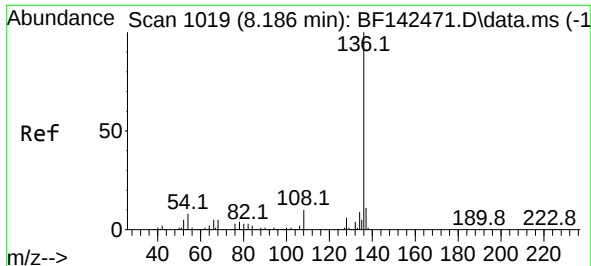
Tgt Ion: 70 Resp: 212362
Ion Ratio Lower Upper
70 100
42 65.3 52.4 78.6
101 9.7 7.8 11.8
130 22.6 18.0 27.0



#20
3+4-Methylphenols
Concen: 41.740 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Tgt Ion: 107 Resp: 315674
Ion Ratio Lower Upper
107 100
108 90.0 70.4 110.4
77 121.0 95.4 135.4
79 29.3 9.9 49.9



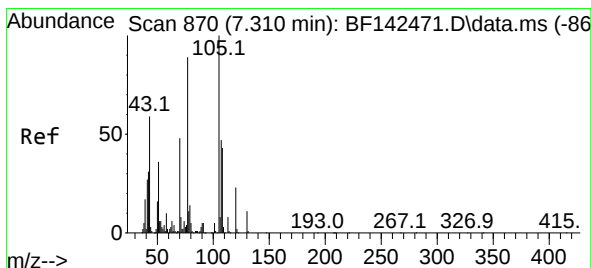
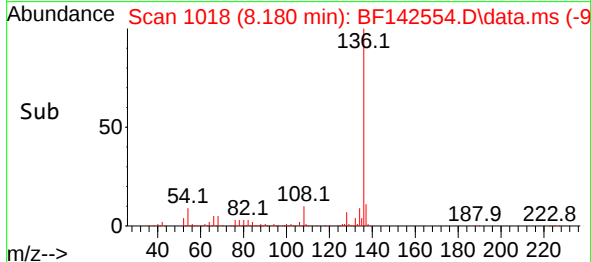
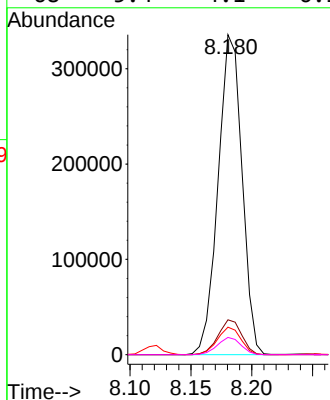
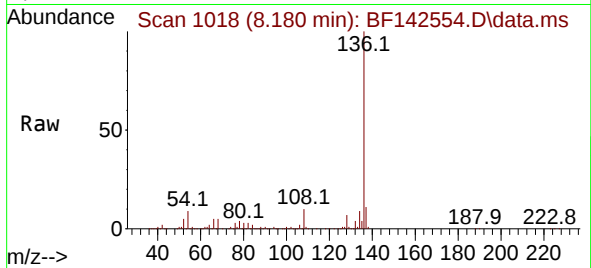


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Instrument :
BNA_F
ClientSampleId :
PB168148BS

Tgt Ion:136 Resp: 459104

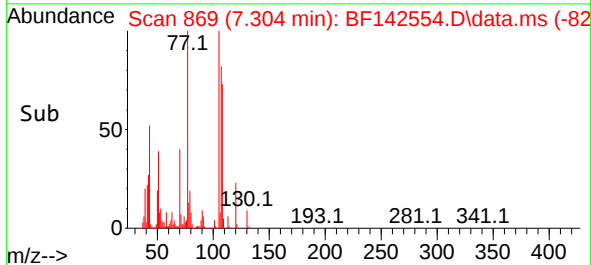
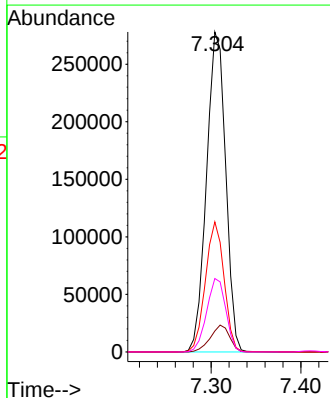
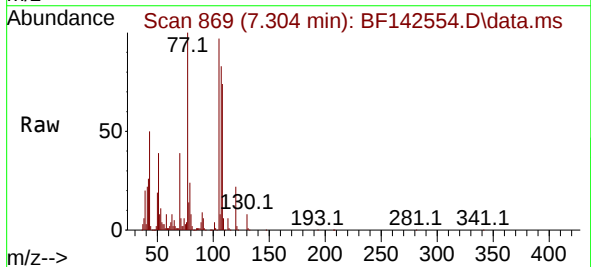
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.6	6.6	10.0
68	5.4	4.1	6.1

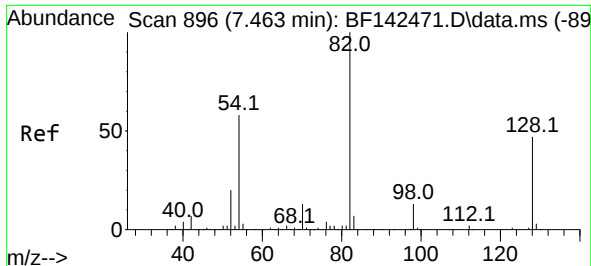


#22
Acetophenone
Concen: 40.566 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Tgt Ion:105 Resp: 412272

Ion	Ratio	Lower	Upper
105	100		
71	6.6	6.4	9.6
51	40.7	28.6	42.8
120	23.0	18.5	27.7





#23

Nitrobenzene-d5

Concen: 71.572 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142554.D

Acq: 27 May 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB168148BS

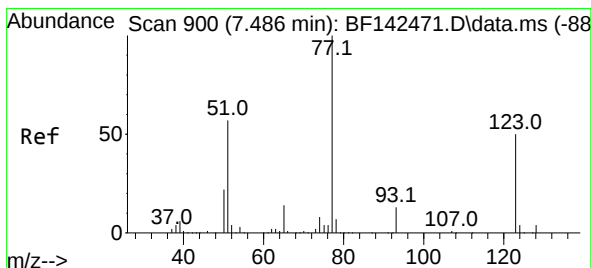
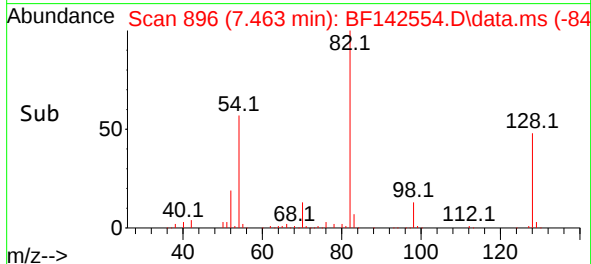
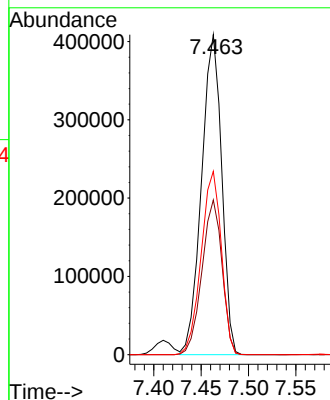
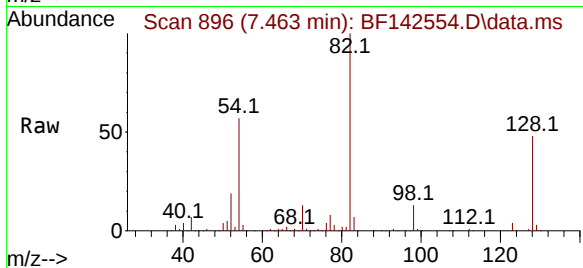
Tgt Ion: 82 Resp: 602601

Ion Ratio Lower Upper

82 100

128 48.4 37.4 56.2

54 57.3 46.6 70.0



#24

Nitrobenzene

Concen: 41.540 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142554.D

Acq: 27 May 2025 11:14

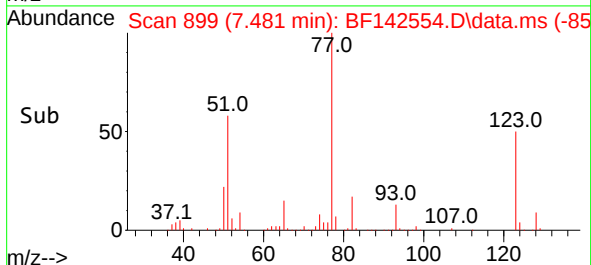
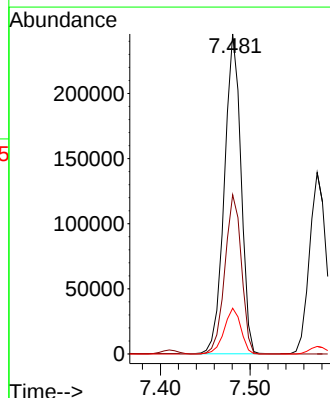
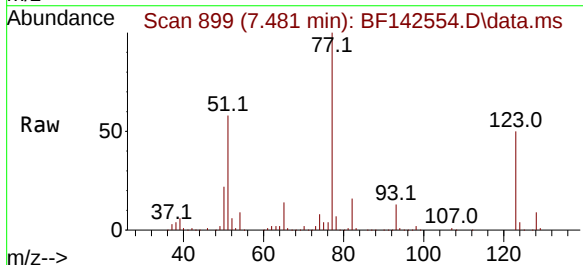
Tgt Ion: 77 Resp: 315442

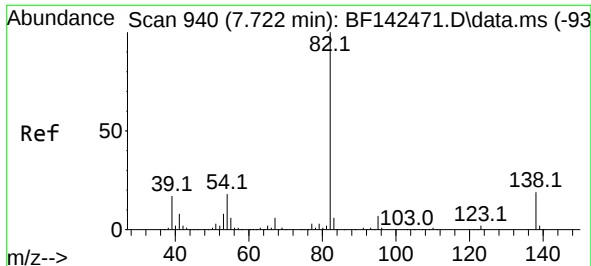
Ion Ratio Lower Upper

77 100

123 49.8 40.6 61.0

65 14.3 11.4 17.2

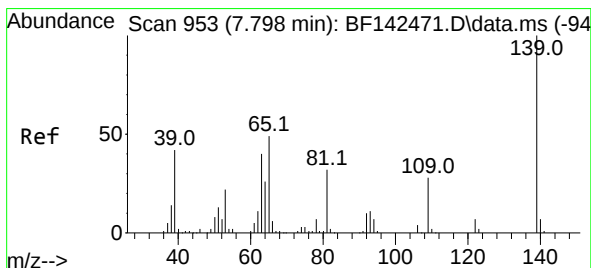
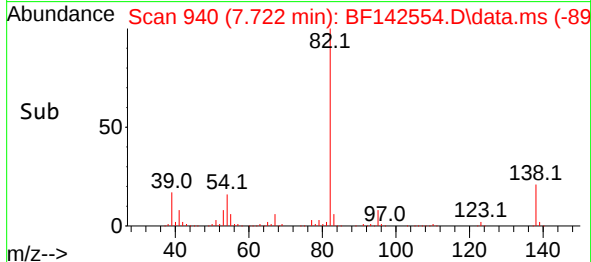
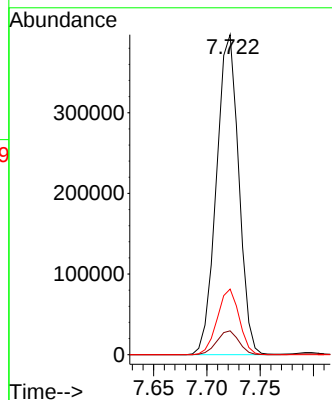
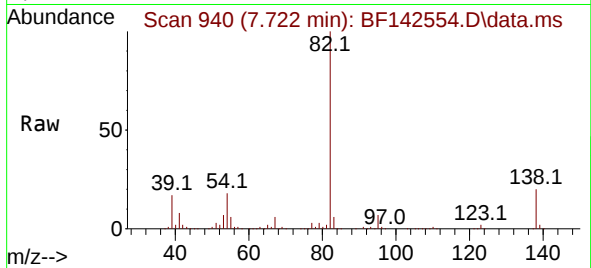




#25
Isophorone
Concen: 41.032 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

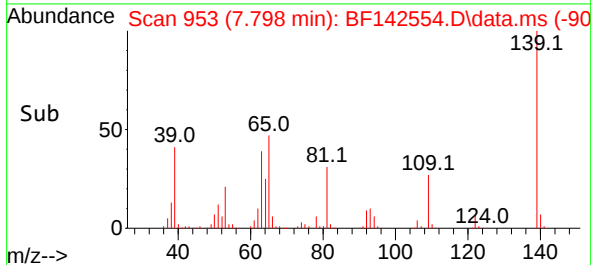
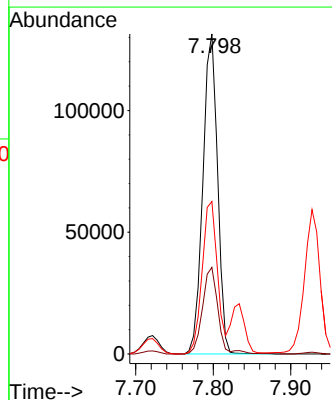
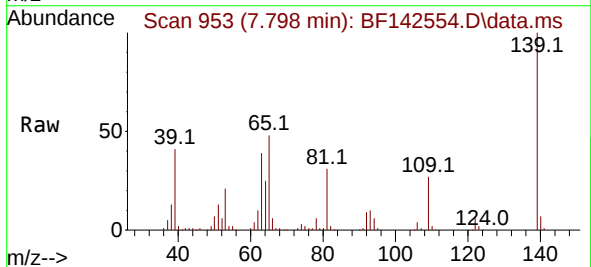
Instrument :
BNA_F
ClientSampleId :
PB168148BS

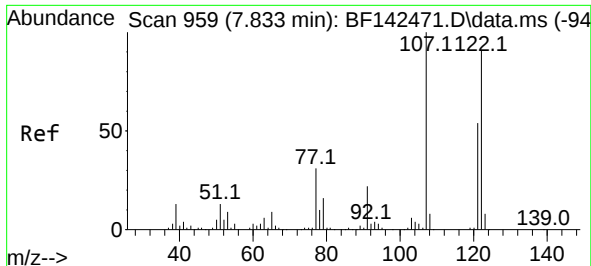
Tgt Ion: 82 Resp: 577597
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 20.5 15.5 23.3



#26
2-Nitrophenol
Concen: 42.679 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Tgt Ion:139 Resp: 173172
Ion Ratio Lower Upper
139 100
109 27.0 22.6 33.8
65 47.6 39.4 59.0

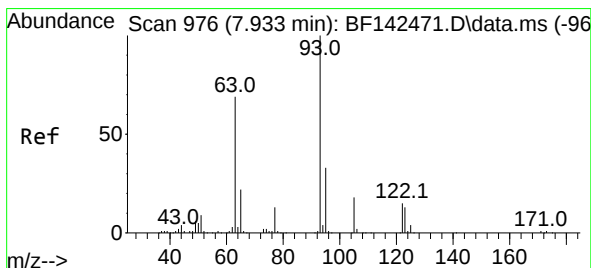
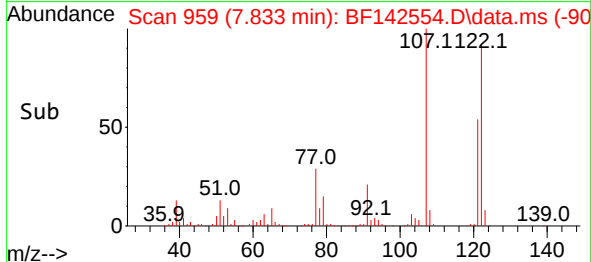
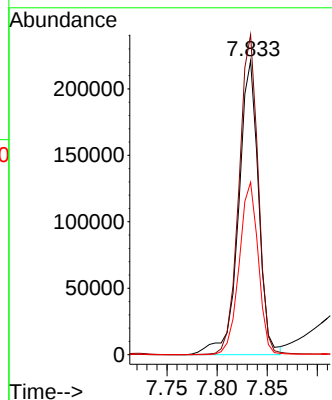
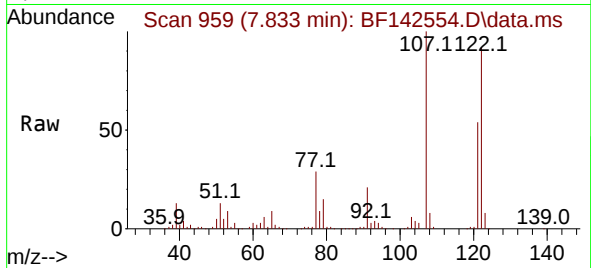




#27
2,4-Dimethylphenol
Concen: 42.793 ng
RT: 7.833 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

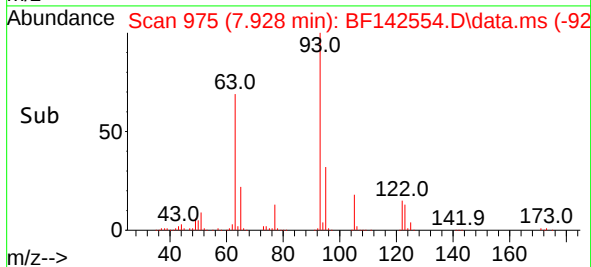
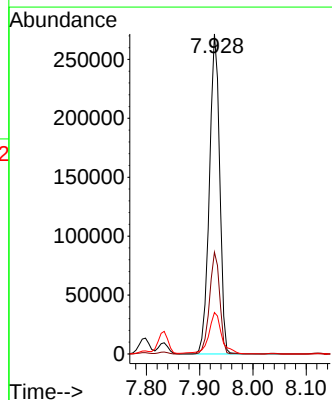
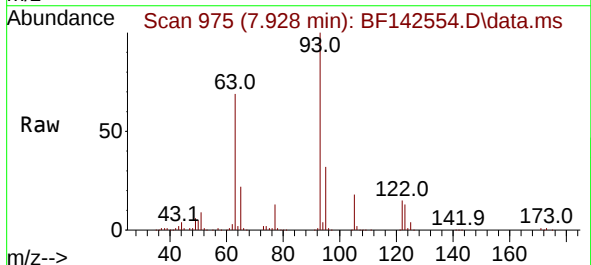
Instrument :
BNA_F
ClientSampleId :
PB168148BS

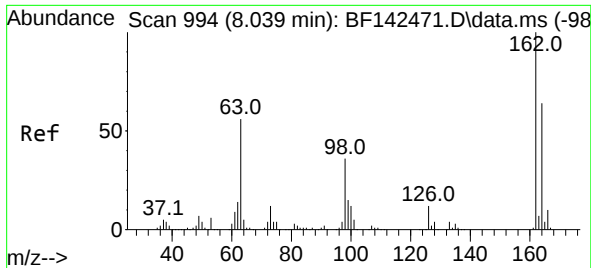
Tgt Ion:122 Resp: 306203
Ion Ratio Lower Upper
122 100
107 108.9 88.1 132.1
121 58.7 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 41.587 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Tgt Ion: 93 Resp: 365696
Ion Ratio Lower Upper
93 100
95 31.8 26.4 39.6
123 13.0 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 42.714 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142554.D

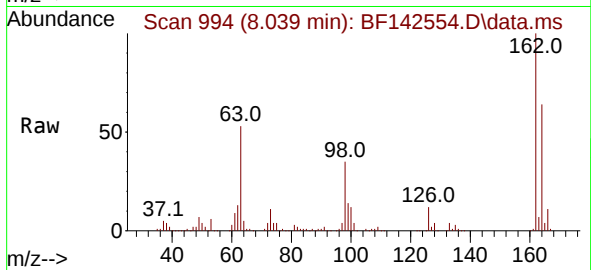
Acq: 27 May 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB168148BS



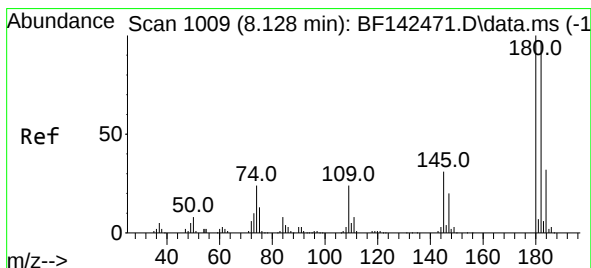
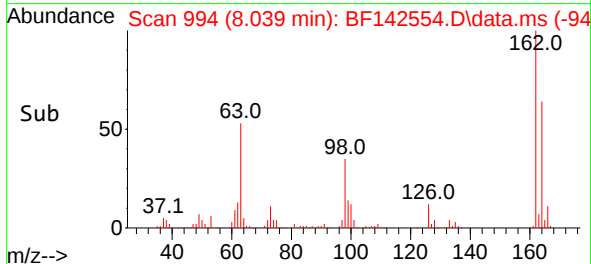
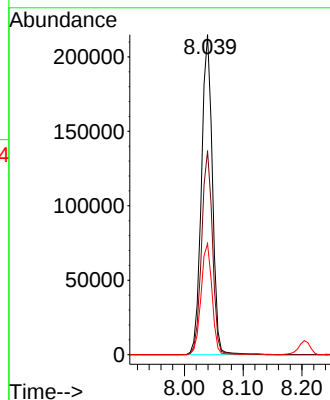
Tgt Ion:162 Resp: 277954

Ion Ratio Lower Upper

162 100

164 63.8 43.7 83.7

98 34.7 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 40.997 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142554.D

Acq: 27 May 2025 11:14

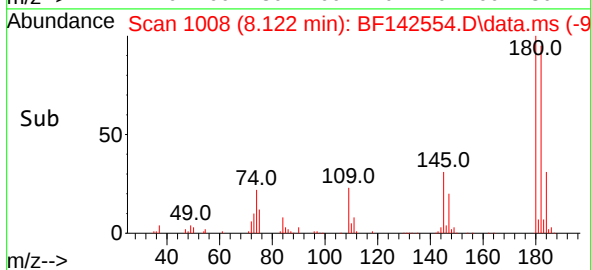
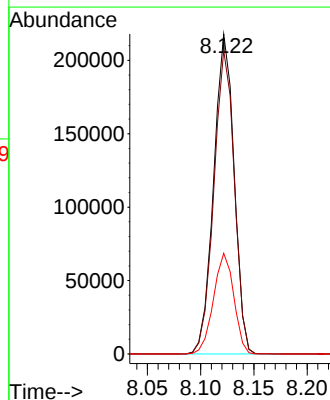
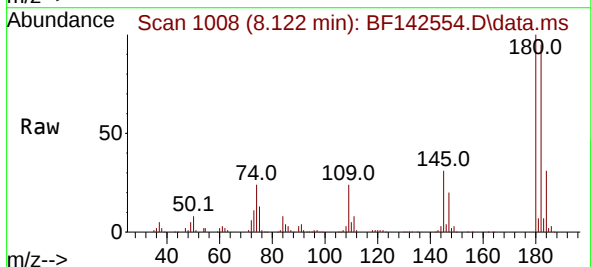
Tgt Ion:180 Resp: 289532

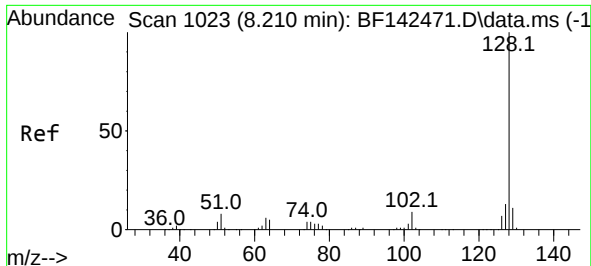
Ion Ratio Lower Upper

180 100

182 94.8 78.0 117.0

145 31.5 25.0 37.6

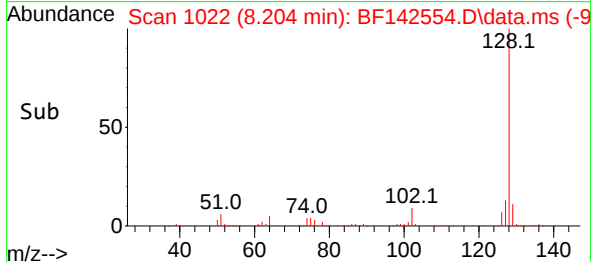
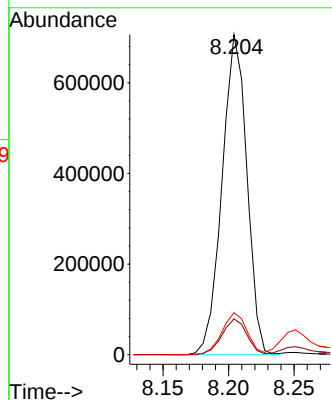
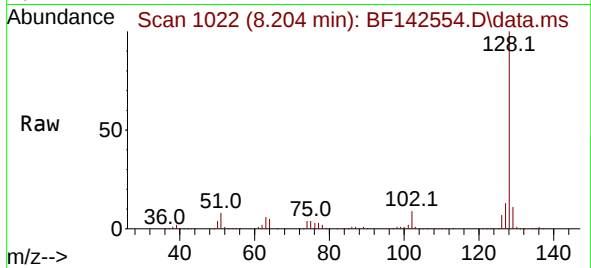




#31
Naphthalene
Concen: 41.155 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

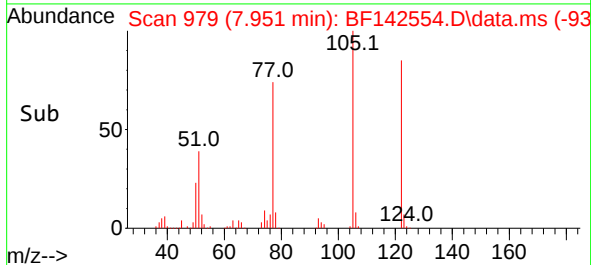
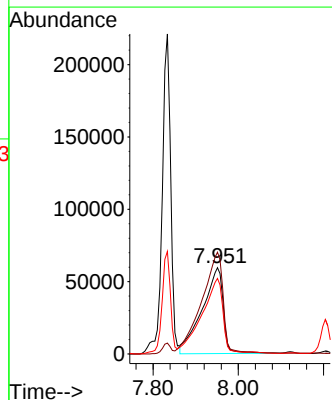
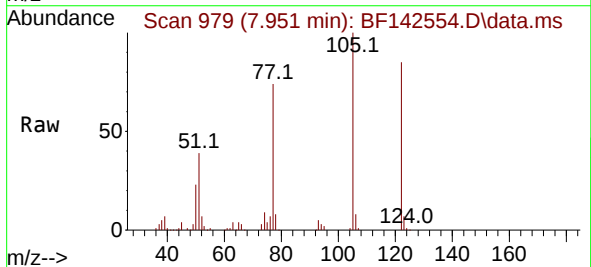
Instrument :
BNA_F
ClientSampleId :
PB168148BS

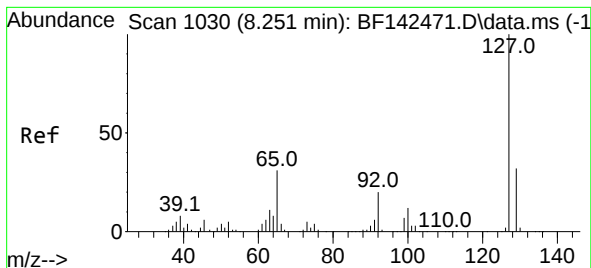
Tgt Ion:128 Resp: 930350
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 46.804 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.024 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Tgt Ion:122 Resp: 203865
Ion Ratio Lower Upper
122 100
105 117.9 101.7 141.7
77 87.6 69.5 109.5





#33

4-Chloroaniline

Concen: 11.694 ng

RT: 8.251 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF142554.D

Acq: 27 May 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB168148BS

Tgt Ion:127 Resp: 107118

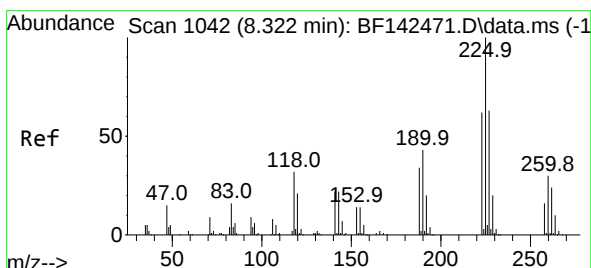
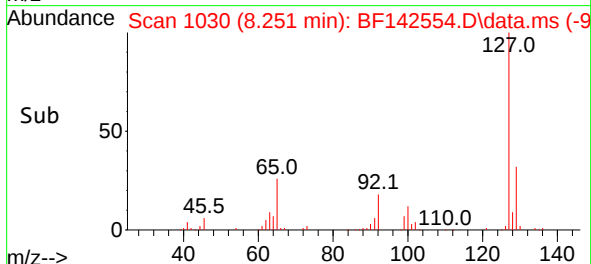
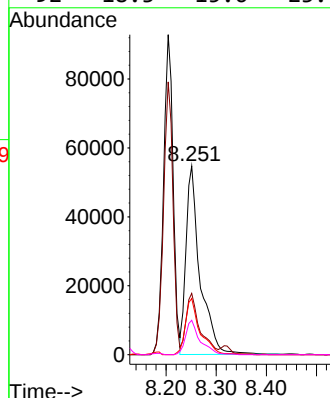
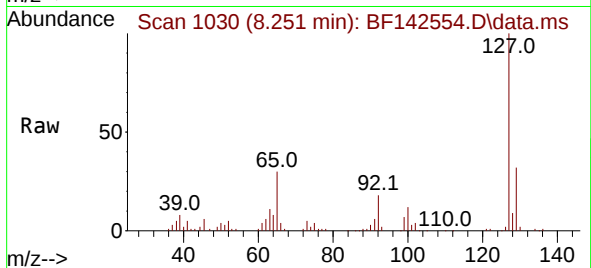
Ion Ratio Lower Upper

127 100

129 32.5 26.1 39.1

65 29.8 24.9 37.3

92 18.3 15.6 23.4



#34

Hexachlorobutadiene

Concen: 39.875 ng

RT: 8.322 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF142554.D

Acq: 27 May 2025 11:14

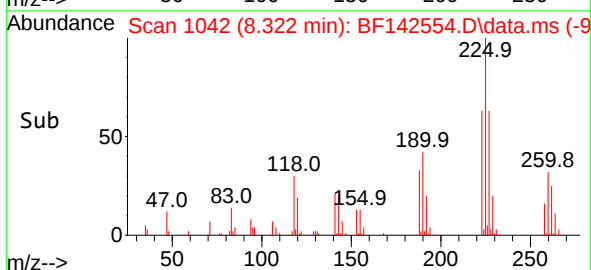
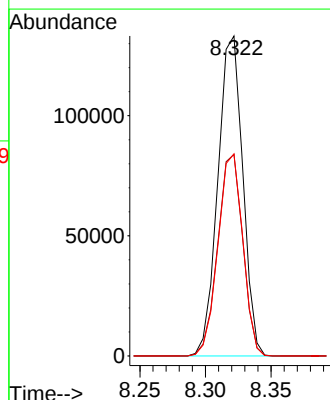
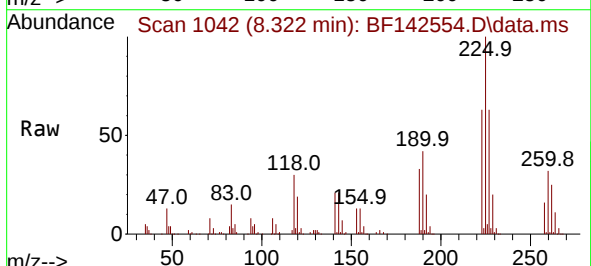
Tgt Ion:225 Resp: 175836

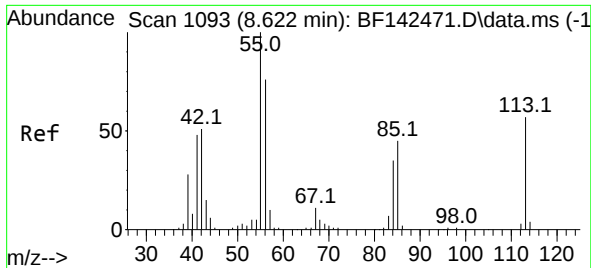
Ion Ratio Lower Upper

225 100

223 63.0 49.7 74.5

227 63.1 50.3 75.5

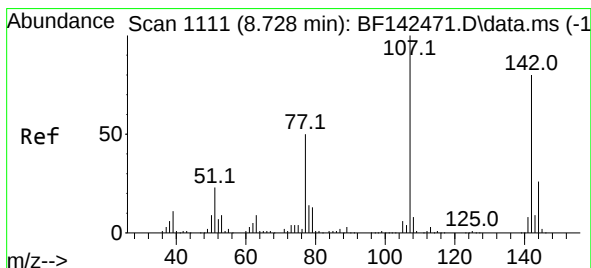
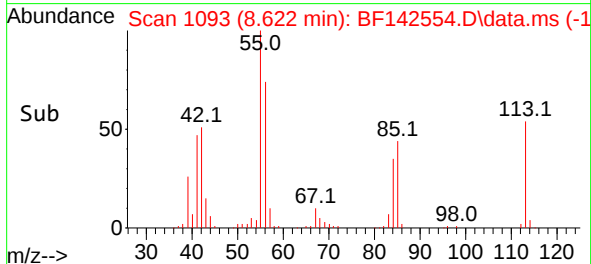
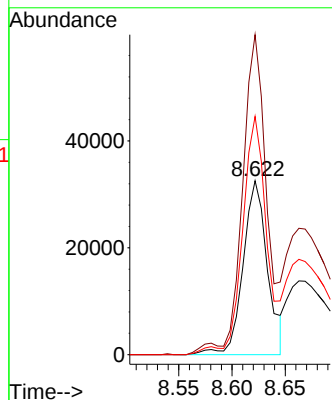
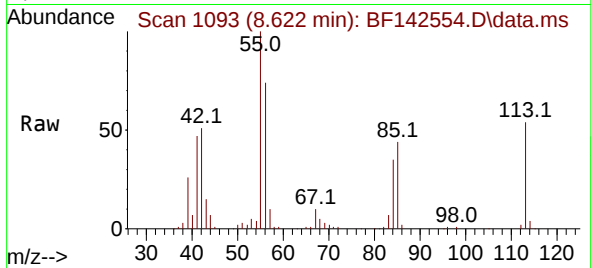




#35
 Caprolactam
 Concen: 28.305 ng
 RT: 8.622 min Scan# 1109
 Delta R.T. -0.024 min
 Lab File: BF142554.D
 Acq: 27 May 2025 11:14

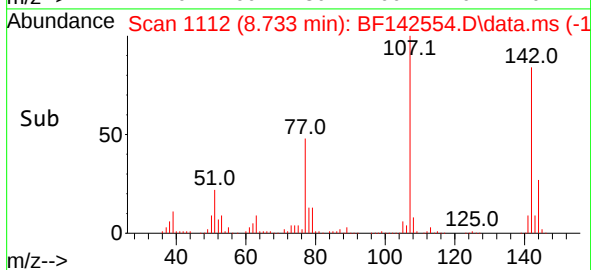
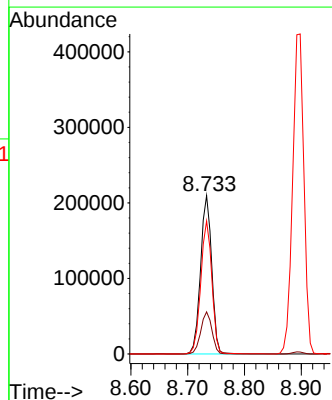
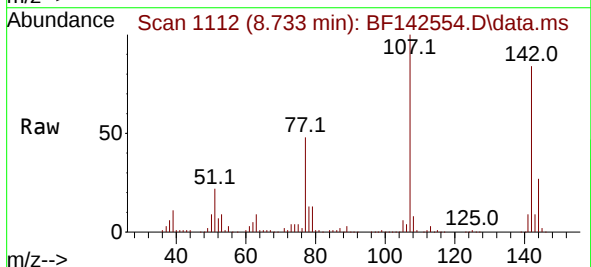
Instrument :
 BNA_F
 ClientSampleId :
 PB168148BS

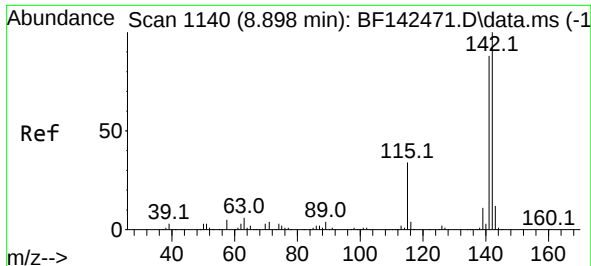
Tgt Ion:113 Resp: 51731
 Ion Ratio Lower Upper
 113 100
 55 184.0 154.7 194.7
 56 137.0 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 43.101 ng
 RT: 8.733 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF142554.D
 Acq: 27 May 2025 11:14

Tgt Ion:107 Resp: 287441
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.9 31.3
 142 84.0 64.2 96.2





#37

2-Methylnaphthalene

Concen: 40.791 ng

RT: 8.898 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF142554.D

Acq: 27 May 2025 11:14

Instrument :

BNA_F

ClientSampleId :

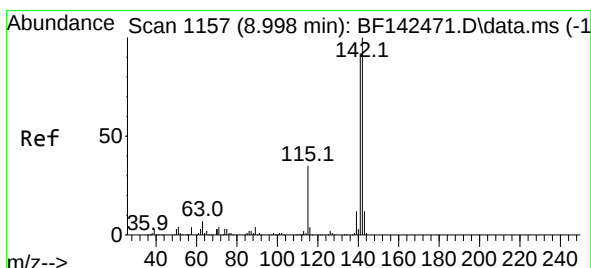
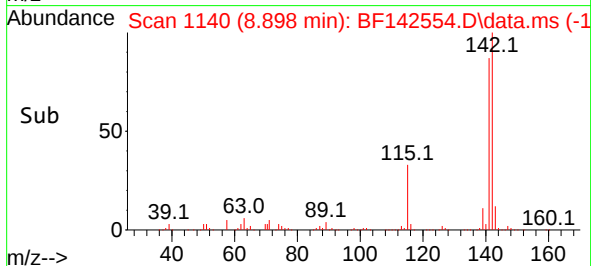
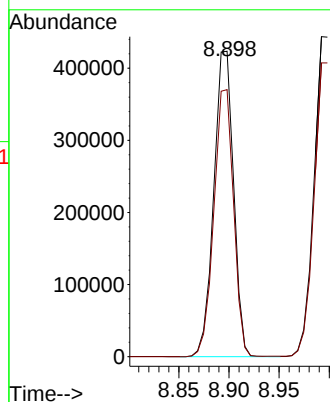
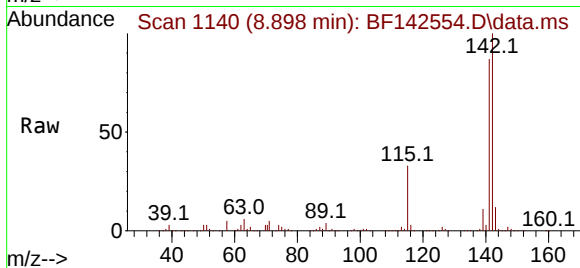
PB168148BS

Tgt Ion:142 Resp: 580126

Ion Ratio Lower Upper

142 100

141 87.4 70.7 106.1



#38

1-Methylnaphthalene

Concen: 41.030 ng

RT: 8.992 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF142554.D

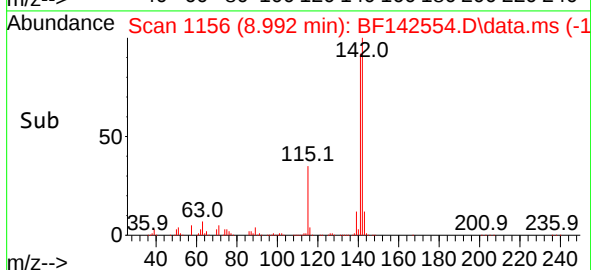
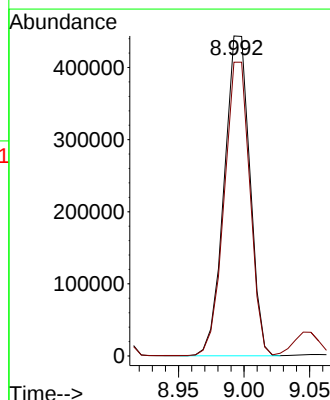
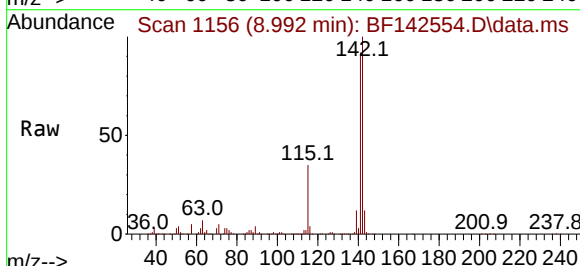
Acq: 27 May 2025 11:14

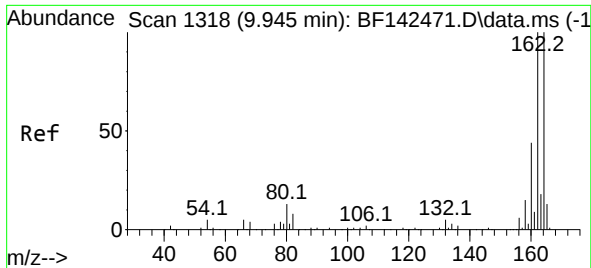
Tgt Ion:142 Resp: 603579

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BF142554.D

Acq: 27 May 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB168148BS

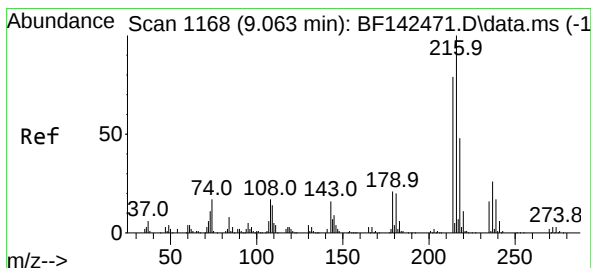
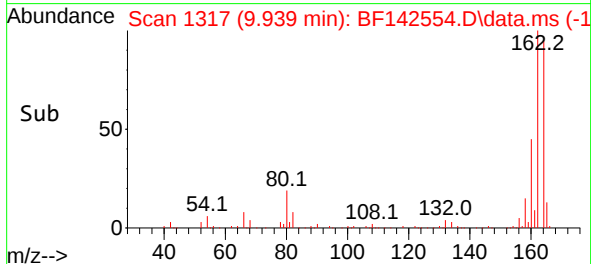
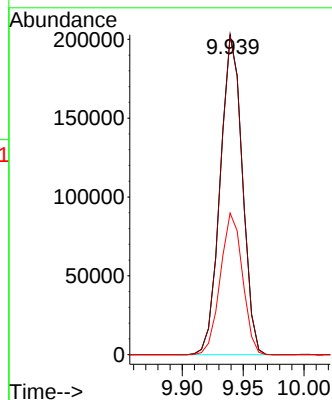
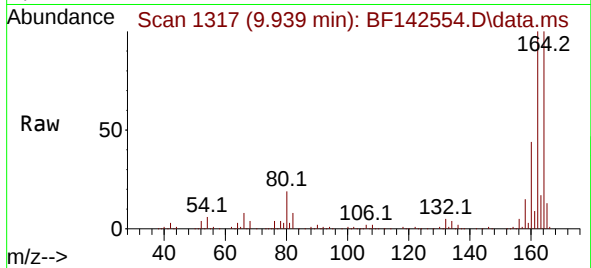
Tgt Ion:164 Resp: 256338

Ion Ratio Lower Upper

164 100

162 99.6 80.2 120.4

160 44.2 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.942 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142554.D

Acq: 27 May 2025 11:14

Tgt Ion:216 Resp: 293911

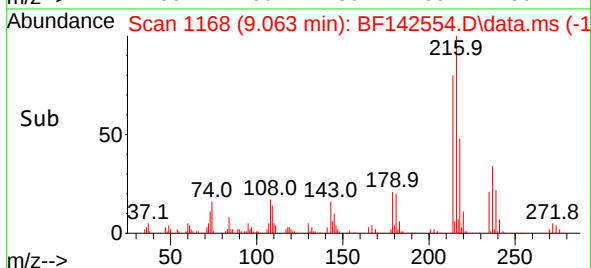
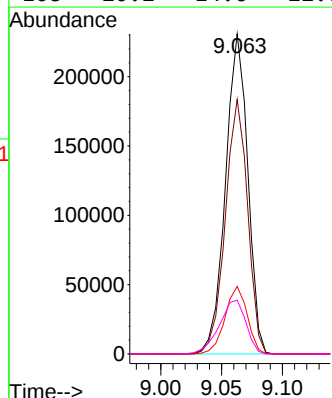
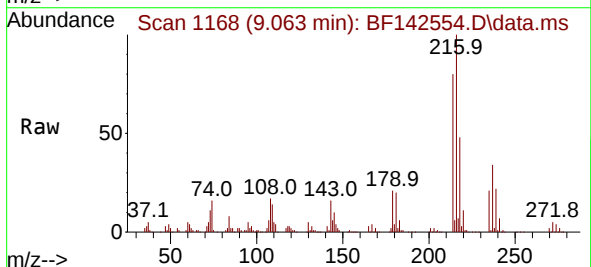
Ion Ratio Lower Upper

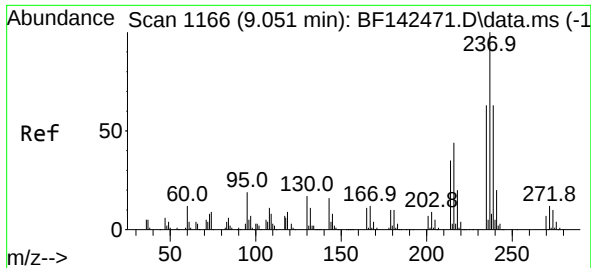
216 100

214 79.4 62.9 94.3

179 21.0 16.9 25.3

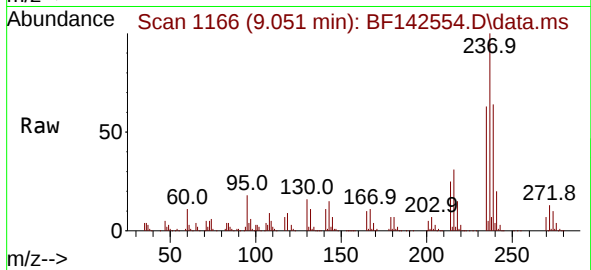
108 20.2 14.6 22.0



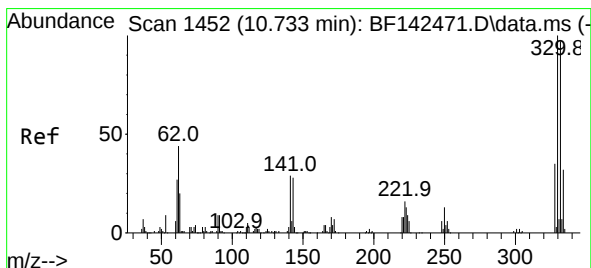
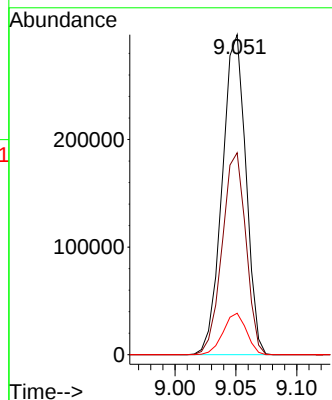
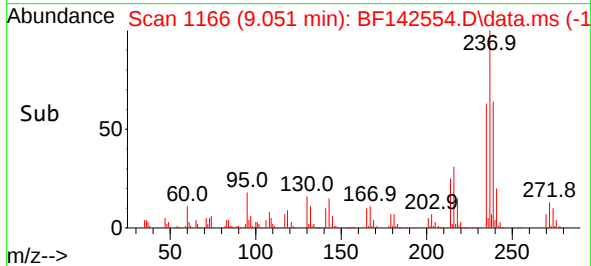


#41
Hexachlorocyclopentadiene
Concen: 81.024 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

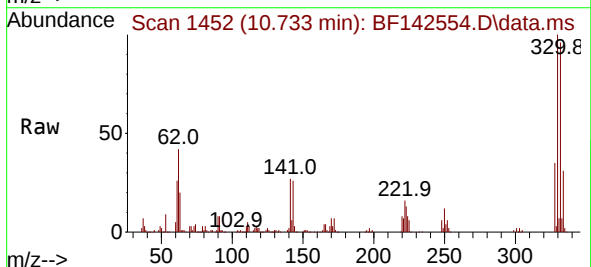
Instrument :
BNA_F
ClientSampleId :
PB168148BS



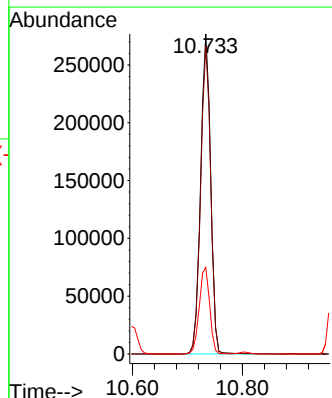
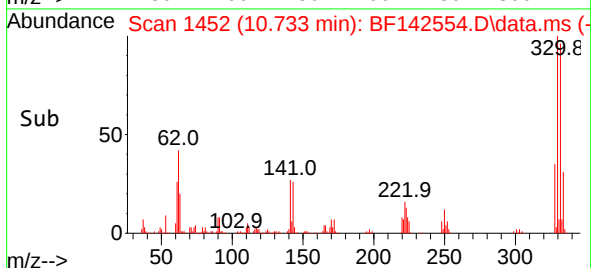
Tgt Ion: 237 Resp: 402194
Ion Ratio Lower Upper
237 100
235 63.1 43.3 83.3
272 12.9 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 123.791 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14



Tgt Ion: 330 Resp: 352188
Ion Ratio Lower Upper
330 100
332 96.2 77.6 116.4
141 28.1 24.6 36.8

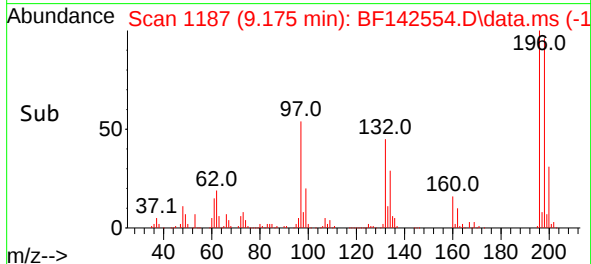
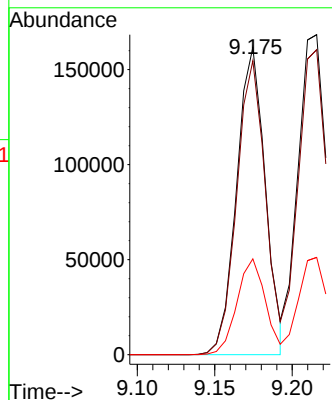
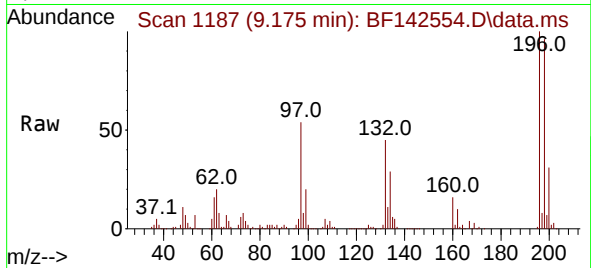




#43
2,4,6-Trichlorophenol
Concen: 41.852 ng
RT: 9.175 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

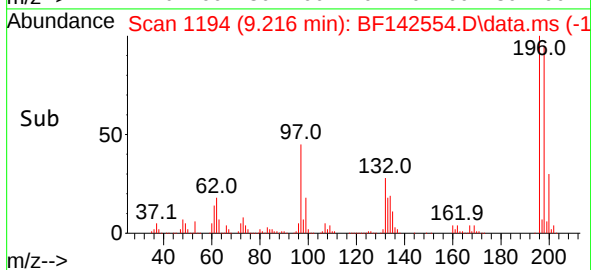
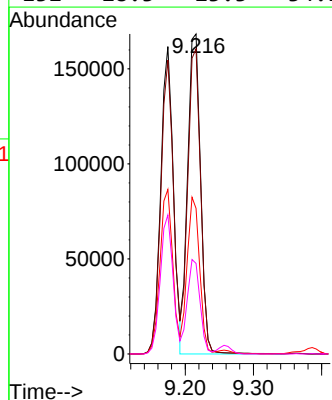
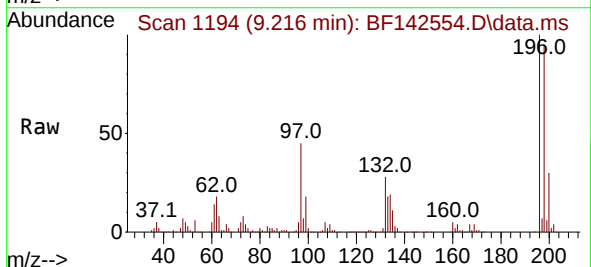
Instrument :
BNA_F
ClientSampleId :
PB168148BS

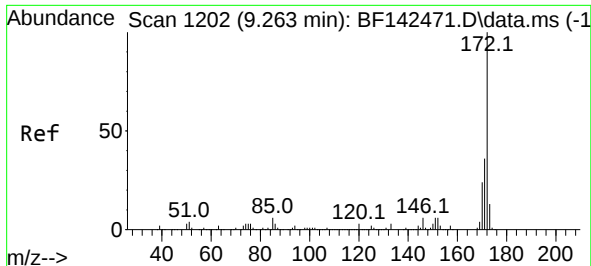
Tgt Ion:196 Resp: 207662
Ion Ratio Lower Upper
196 100
198 95.6 78.8 118.2
200 31.2 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 42.270 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Tgt Ion:196 Resp: 221199
Ion Ratio Lower Upper
196 100
198 95.3 75.5 113.3
97 45.5 39.3 58.9
132 28.3 23.3 34.9

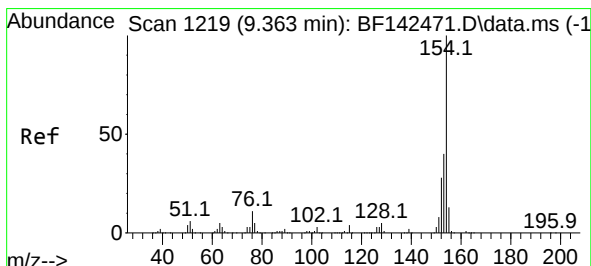
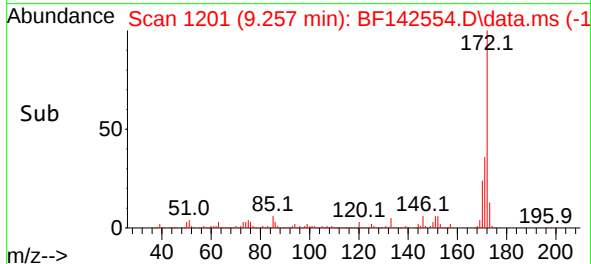
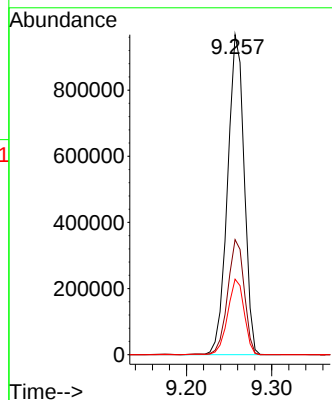
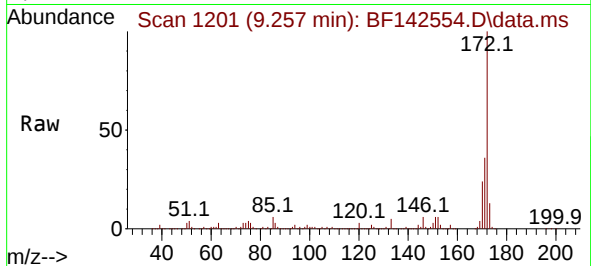




#45
2-Fluorobiphenyl
Concen: 68.566 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

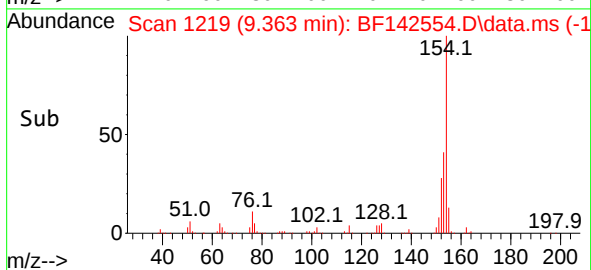
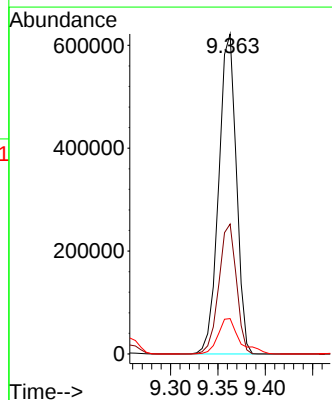
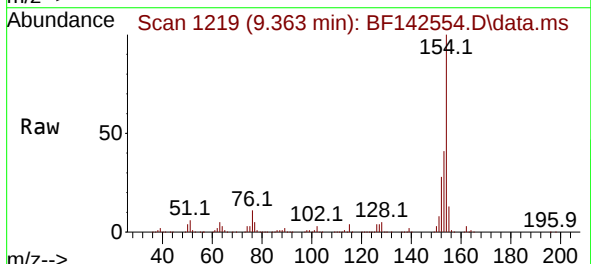
Instrument :
BNA_F
ClientSampleId :
PB168148BS

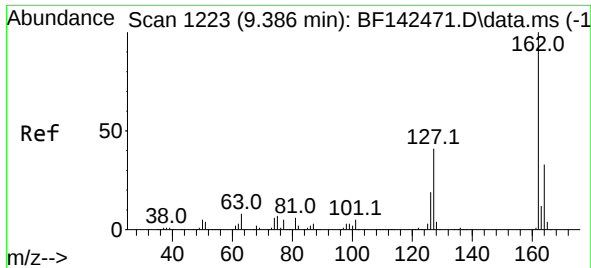
Tgt Ion:172 Resp: 1309821
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 40.500 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Tgt Ion:154 Resp: 805425
Ion Ratio Lower Upper
154 100
153 40.6 20.4 60.4
76 11.1 0.0 30.8

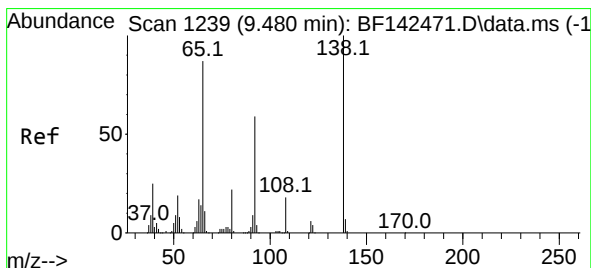
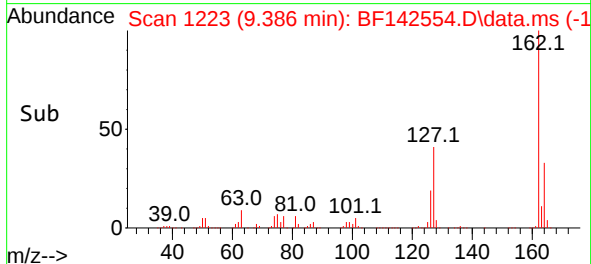
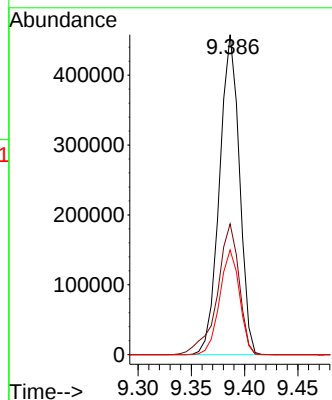
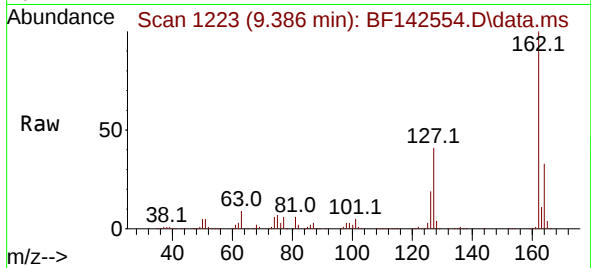




#47
2-Chloronaphthalene
Concen: 40.451 ng
RT: 9.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

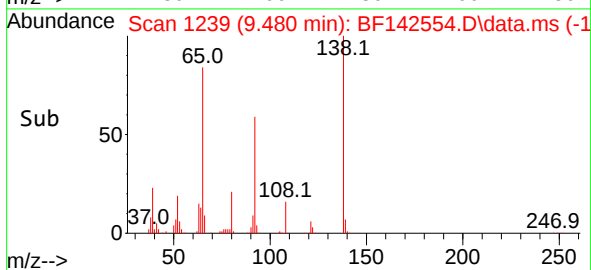
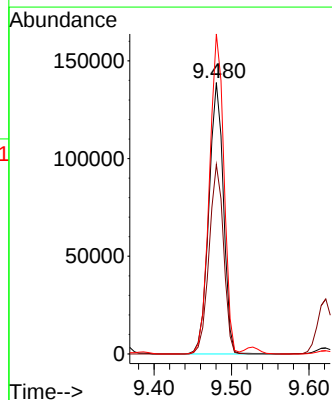
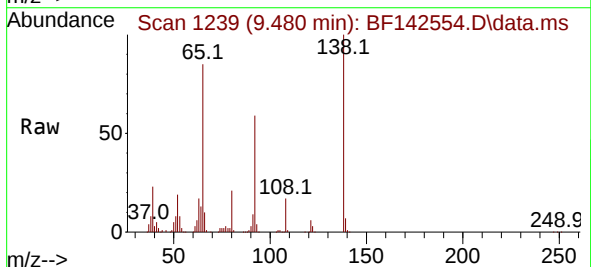
Instrument :
BNA_F
ClientSampleId :
PB168148BS

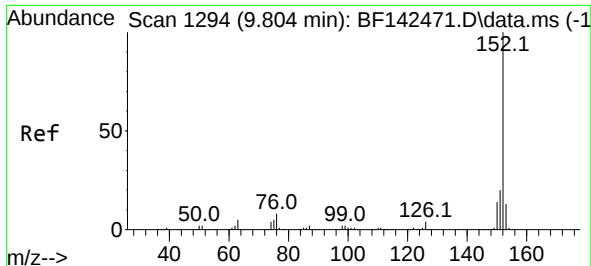
Tgt Ion:162 Resp: 594359
Ion Ratio Lower Upper
162 100
127 40.9 33.5 50.3
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 42.640 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

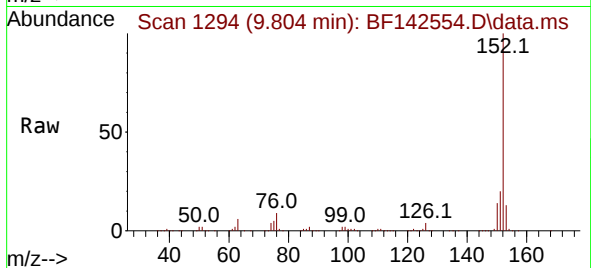
Tgt Ion: 65 Resp: 181095
Ion Ratio Lower Upper
65 100
92 69.8 54.4 81.6
138 117.9 91.4 137.2



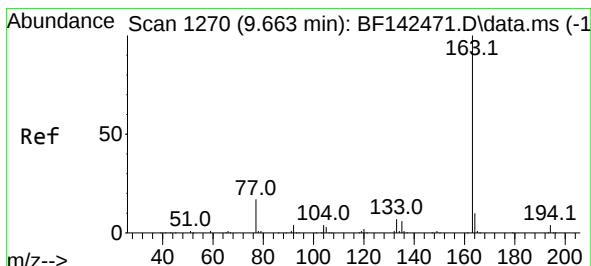
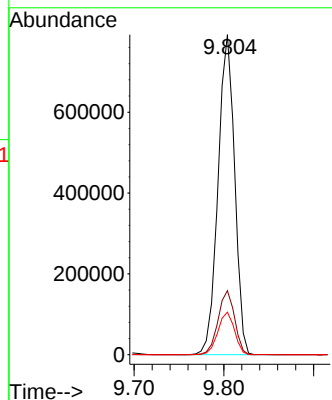
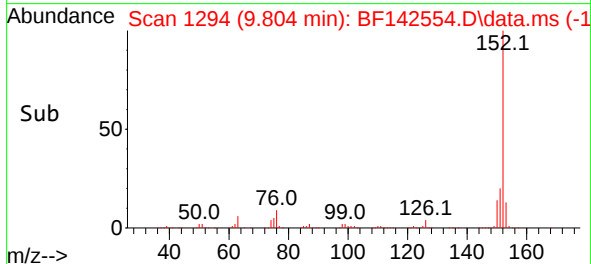


#49
Acenaphthylene
Concen: 40.964 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

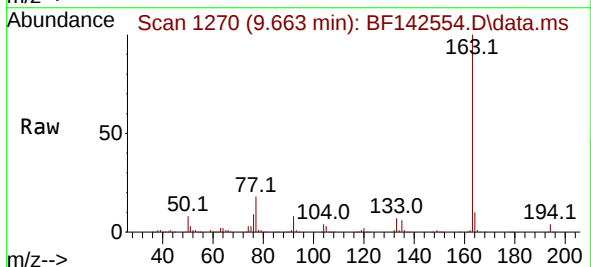
Instrument :
BNA_F
ClientSampleId :
PB168148BS



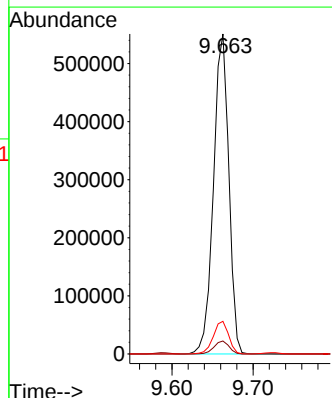
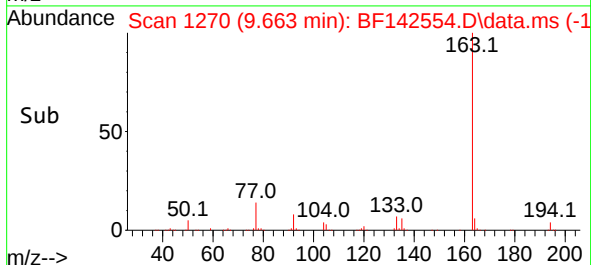
Tgt Ion:152 Resp: 1016352
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.3 10.6 15.8

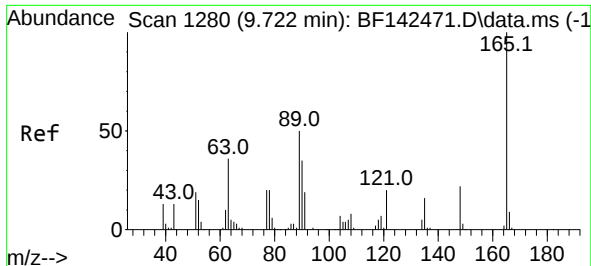


#50
Dimethylphthalate
Concen: 42.642 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14



Tgt Ion:163 Resp: 721244
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.2 12.4

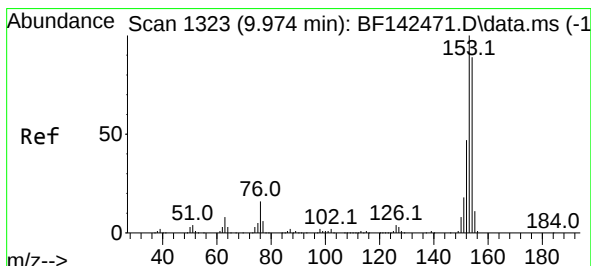
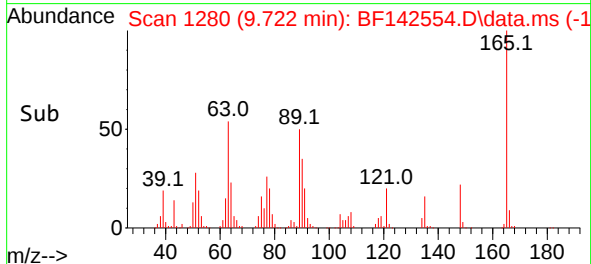
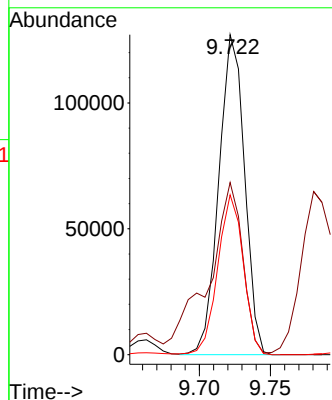
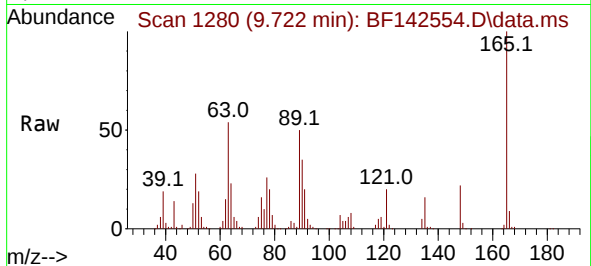




#51
2,6-Dinitrotoluene
Concen: 43.875 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

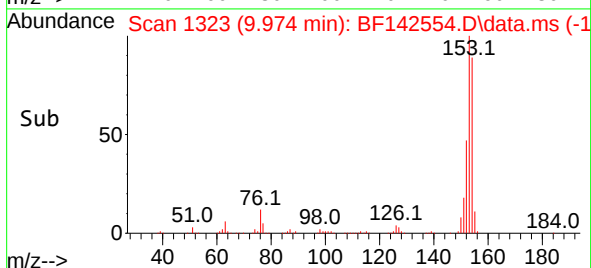
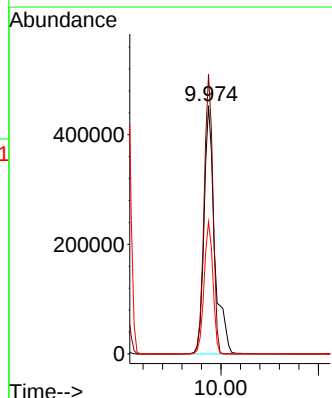
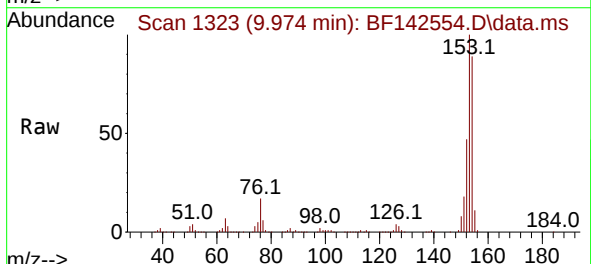
Instrument :
BNA_F
ClientSampleId :
PB168148BS

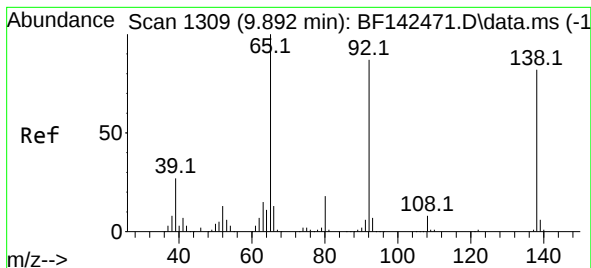
Tgt Ion:165 Resp: 160168
Ion Ratio Lower Upper
165 100
63 53.8 42.9 64.3
89 50.0 40.2 60.4



#52
Acenaphthene
Concen: 45.262 ng
RT: 9.974 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Tgt Ion:154 Resp: 685729
Ion Ratio Lower Upper
154 100
153 112.6 90.0 135.0
152 53.3 42.6 64.0

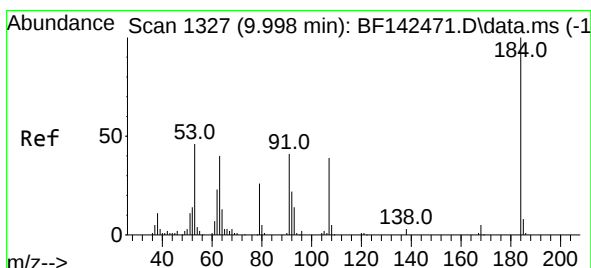
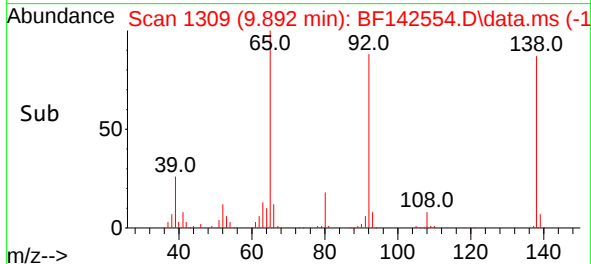
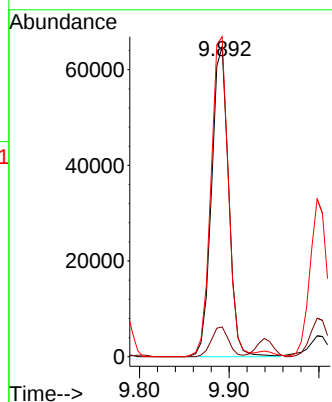
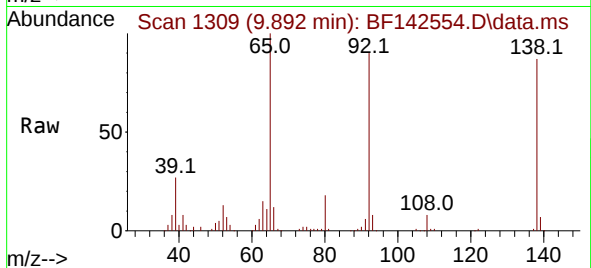




#53
3-Nitroaniline
Concen: 21.501 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

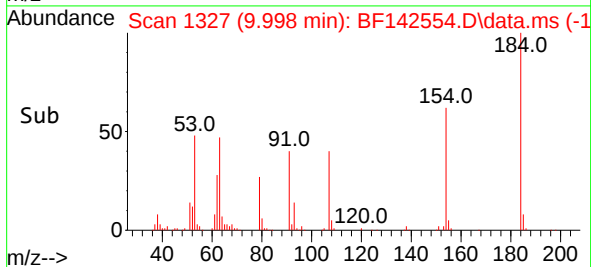
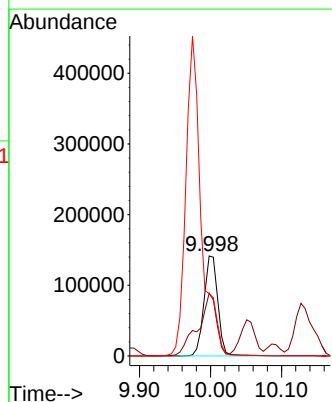
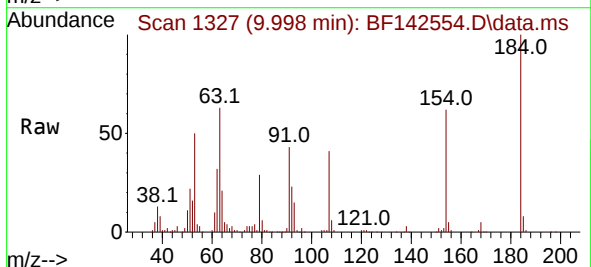
Instrument :
BNA_F
ClientSampleId :
PB168148BS

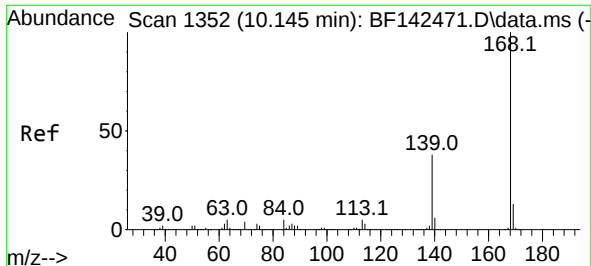
Tgt Ion:138 Resp: 85733
Ion Ratio Lower Upper
138 100
108 9.6 8.1 12.1
92 103.2 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 102.452 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Tgt Ion:184 Resp: 193228
Ion Ratio Lower Upper
184 100
63 62.8 46.3 69.5
154 62.3 56.8 85.2

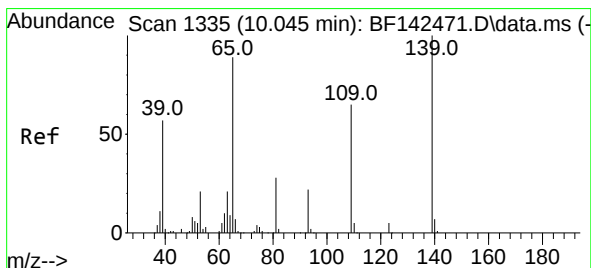
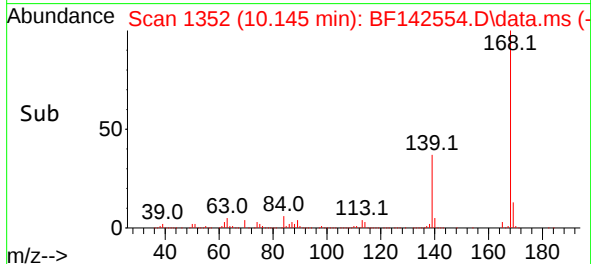
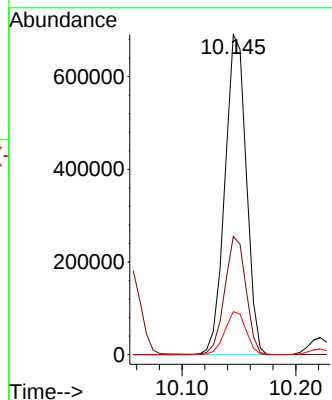
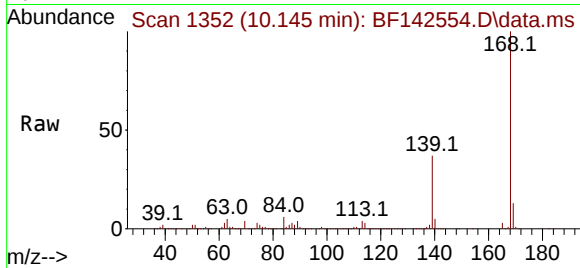




#55
Dibenzofuran
Concen: 41.282 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

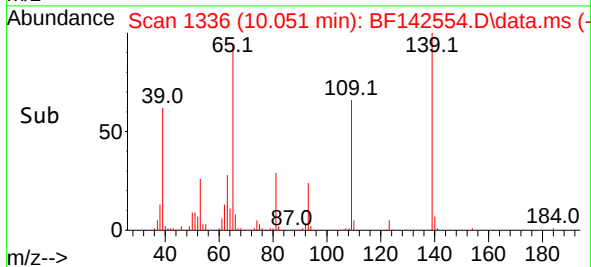
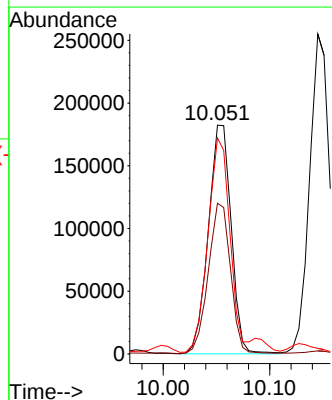
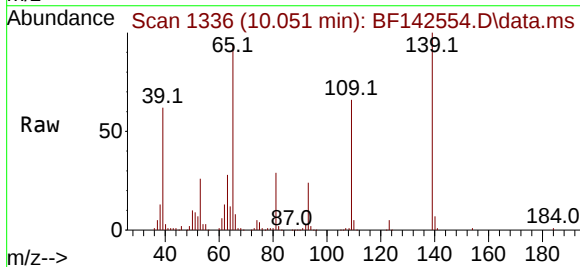
Instrument :
BNA_F
ClientSampleId :
PB168148BS

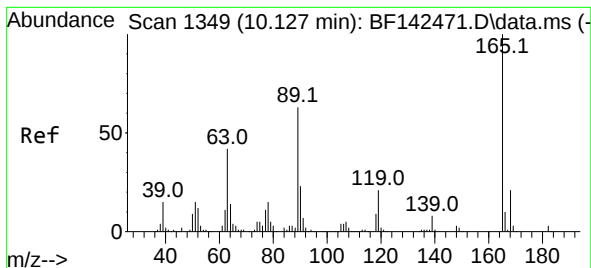
Tgt Ion:168 Resp: 900013
Ion Ratio Lower Upper
168 100
139 36.9 30.2 45.2
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 92.365 ng
RT: 10.051 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Tgt Ion:139 Resp: 271740
Ion Ratio Lower Upper
139 100
109 65.9 45.1 85.1
65 94.4 69.7 109.7

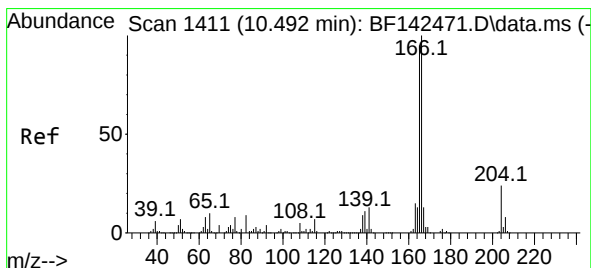
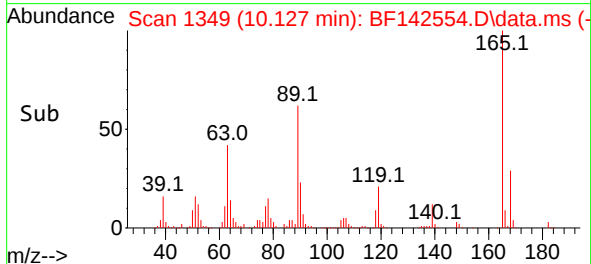
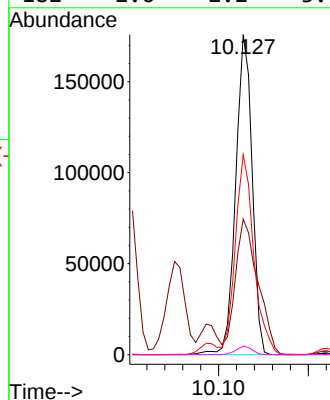
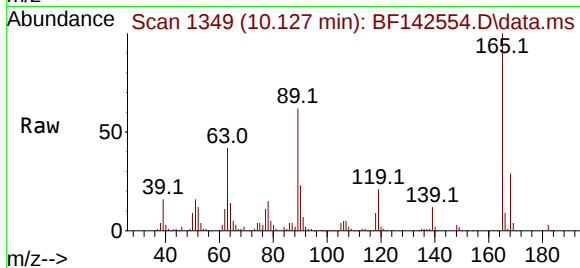




#57
2,4-Dinitrotoluene
Concen: 46.997 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

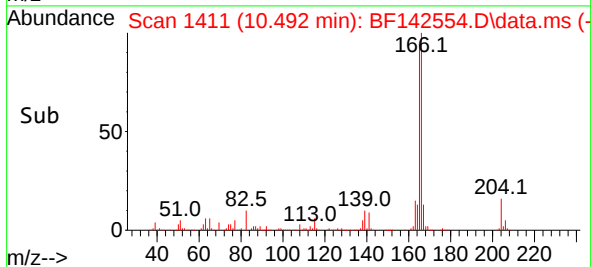
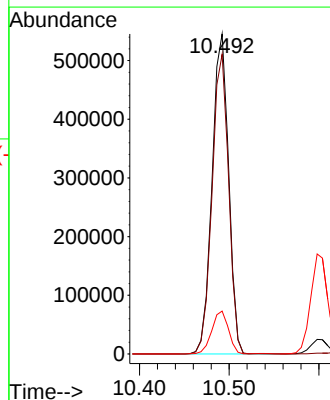
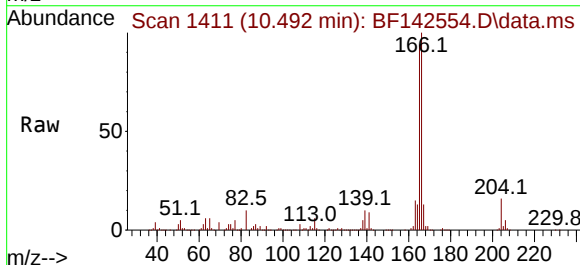
Instrument :
BNA_F
ClientSampleId :
PB168148BS

Tgt Ion:165 Resp: 224061
Ion Ratio Lower Upper
165 100
63 42.4 33.6 50.4
89 62.5 50.2 75.4
182 2.6 2.2 3.4



#58
Fluorene
Concen: 41.429 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Tgt Ion:166 Resp: 697770
Ion Ratio Lower Upper
166 100
165 93.7 75.8 113.8
167 13.4 10.6 16.0

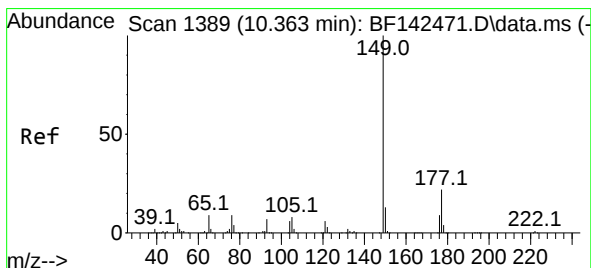
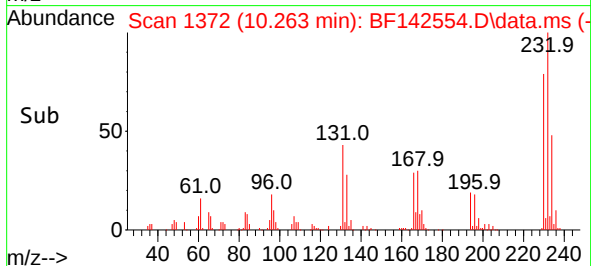
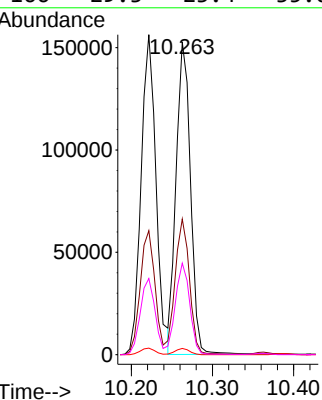
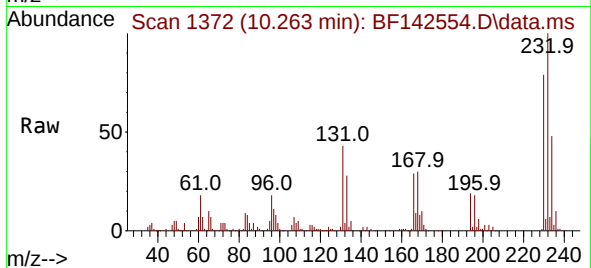




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.075 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

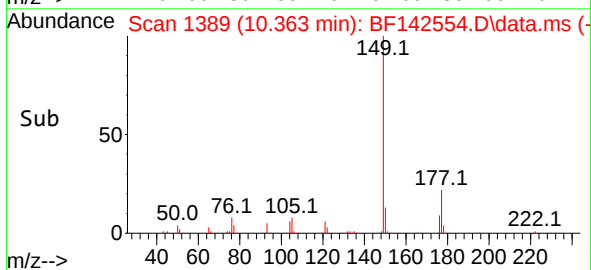
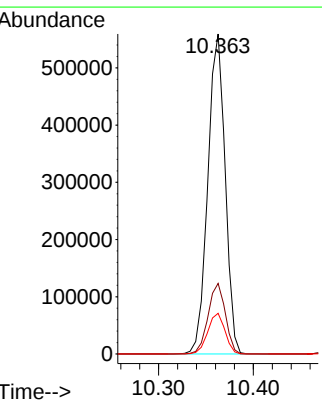
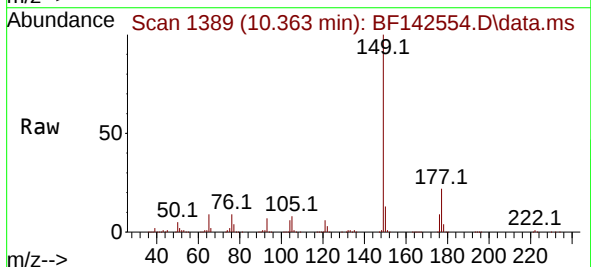
Instrument :
BNA_F
ClientSampleId :
PB168148BS

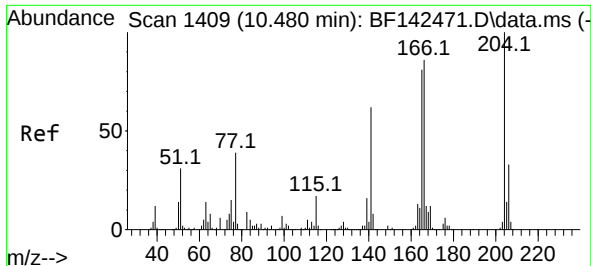
Tgt Ion:232 Resp: 188176
Ion Ratio Lower Upper
232 100
131 43.8 35.2 52.8
130 2.0 1.7 2.5
166 29.3 23.4 35.0



#60
Diethylphthalate
Concen: 43.066 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Tgt Ion:149 Resp: 711417
Ion Ratio Lower Upper
149 100
177 22.0 17.6 26.4
150 12.7 10.1 15.1

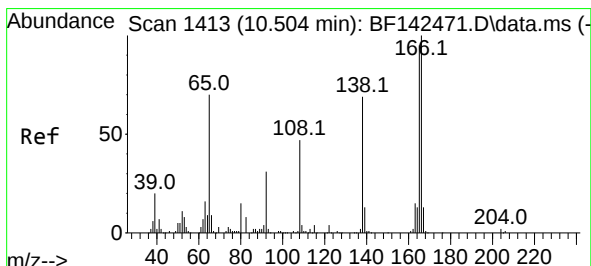
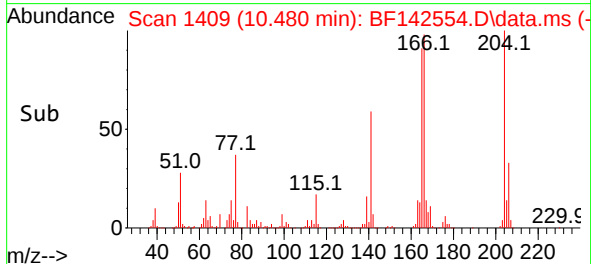
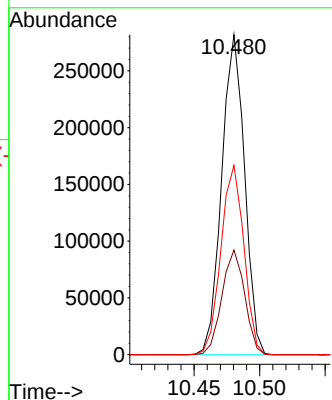
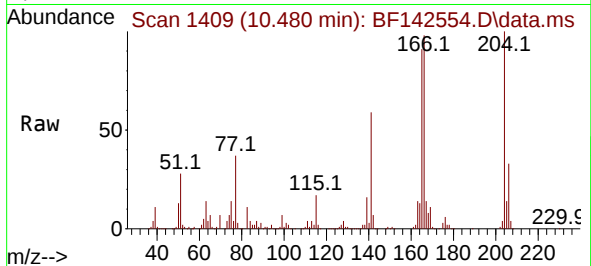




#61
4-Chlorophenyl-phenylether
Concen: 41.238 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

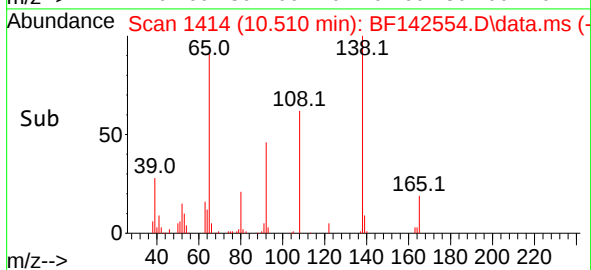
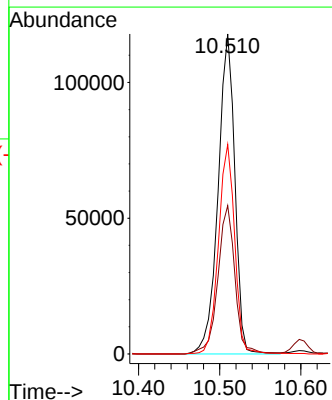
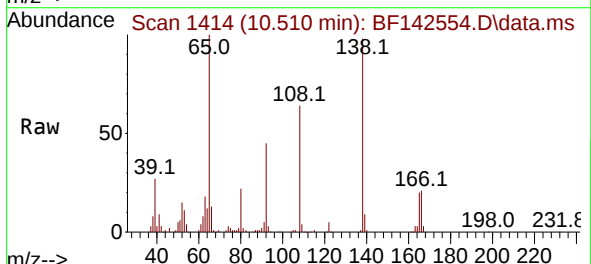
Instrument :
BNA_F
ClientSampleId :
PB168148BS

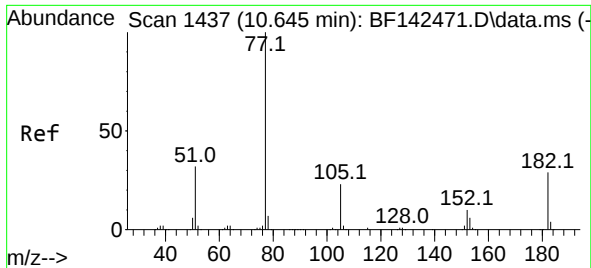
Tgt Ion:204 Resp: 341195
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 59.2 49.5 74.3



#62
4-Nitroaniline
Concen: 46.869 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Tgt Ion:138 Resp: 169492
Ion Ratio Lower Upper
138 100
92 46.4 26.0 66.0
108 65.5 48.4 88.4

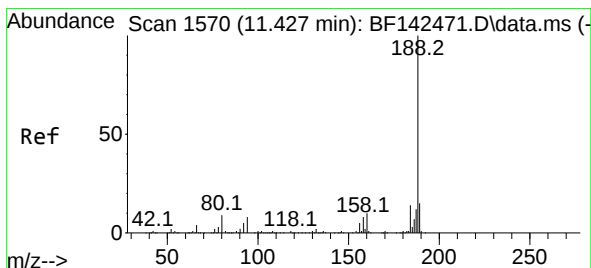
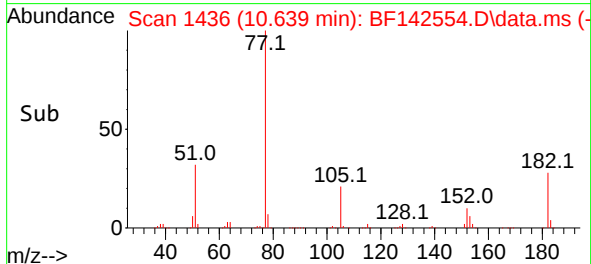
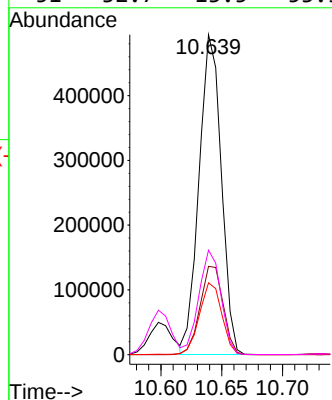
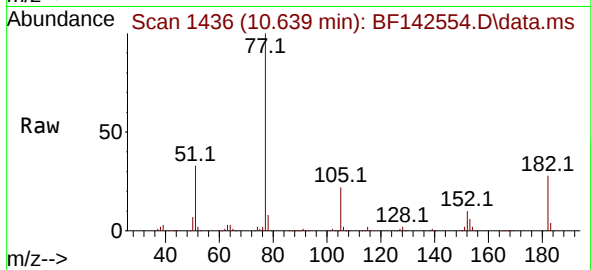




#63
Azobenzene
Concen: 42.273 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

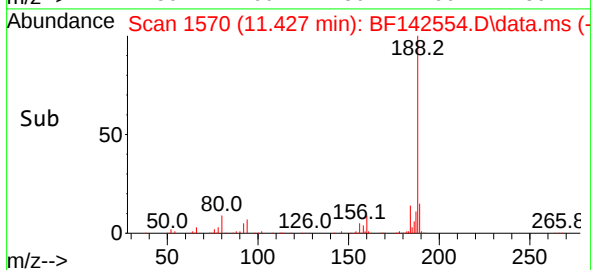
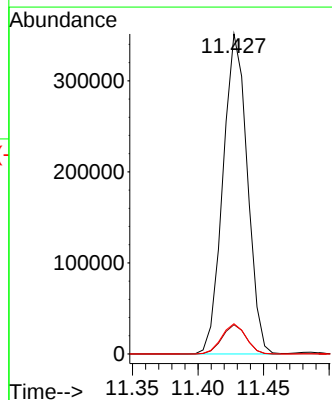
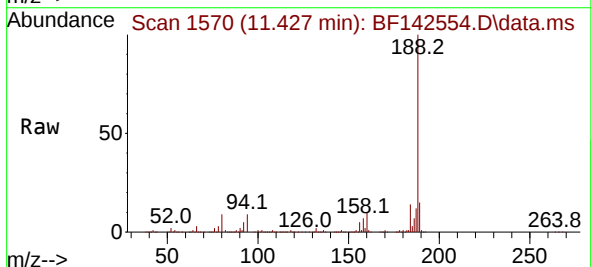
Instrument :
BNA_F
ClientSampleId :
PB168148BS

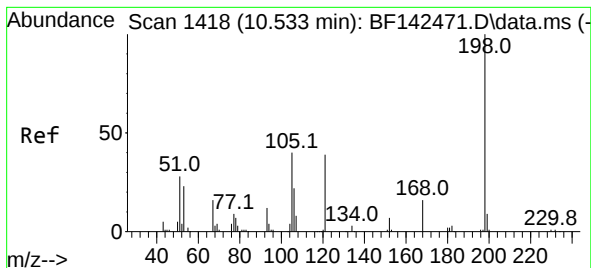
Tgt Ion: 77	Resp: 627218
Ion Ratio	Lower Upper
77 100	
182 27.6	9.0 49.0
105 22.4	2.4 42.4
51 32.7	13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Tgt Ion:188	Resp: 454618
Ion Ratio	Lower Upper
188 100	
94 9.1	6.6 10.0
80 9.4	7.4 11.0

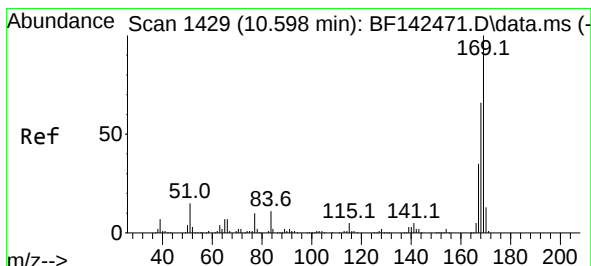
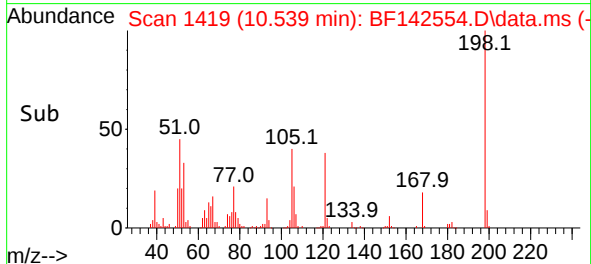
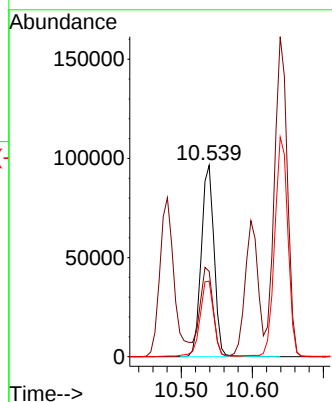
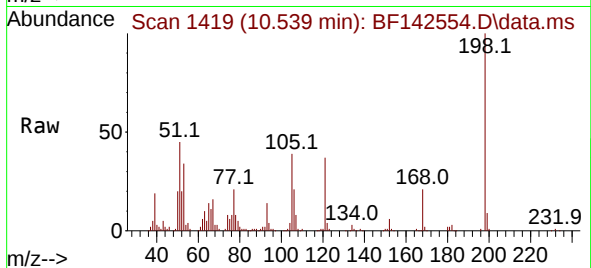




#65
4,6-Dinitro-2-methylphenol
Concen: 48.009 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

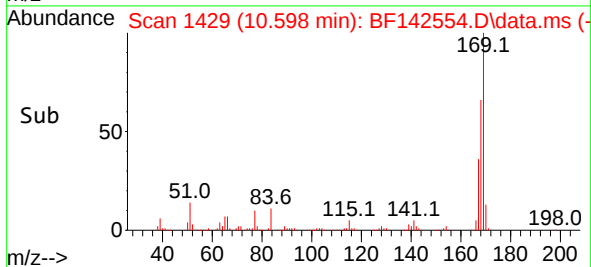
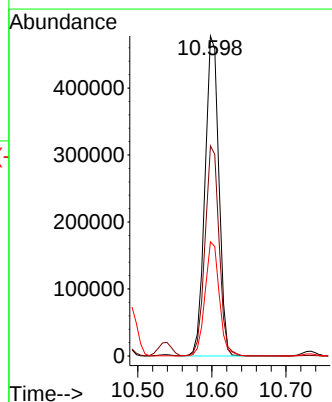
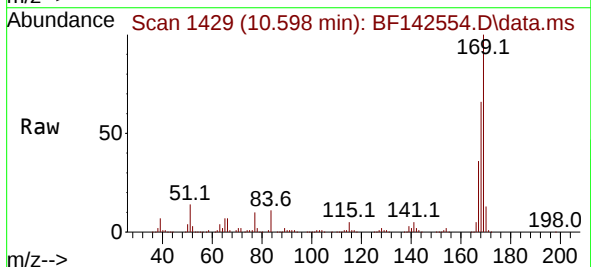
Instrument :
BNA_F
ClientSampleId :
PB168148BS

Tgt Ion:198 Resp: 121803
Ion Ratio Lower Upper
198 100
51 44.6 28.3 68.3
105 39.4 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 39.957 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Tgt Ion:169 Resp: 621470
Ion Ratio Lower Upper
169 100
168 65.7 52.7 79.1
167 35.6 28.3 42.5

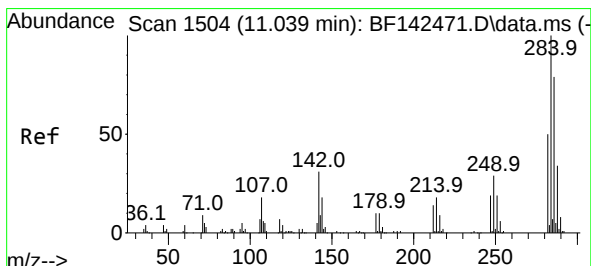
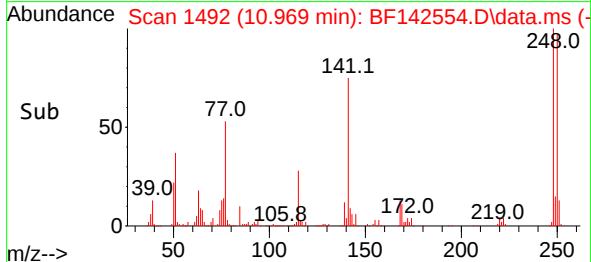
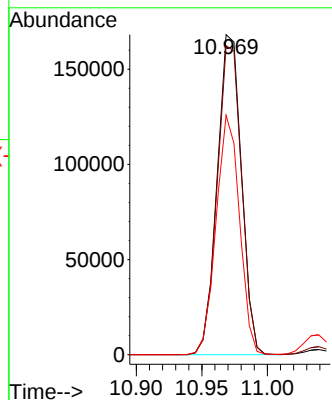
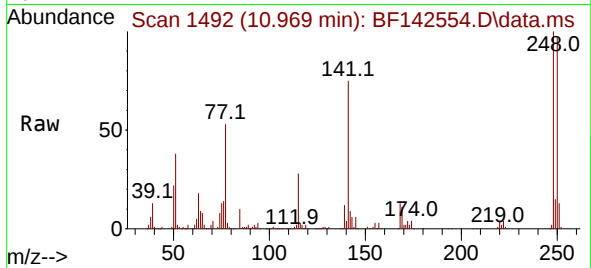




#67
4-Bromophenyl-phenylether
Concen: 40.278 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

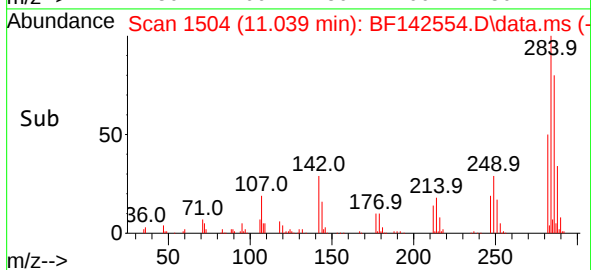
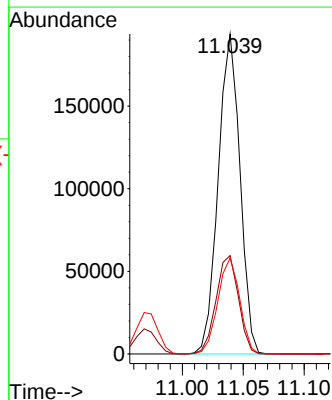
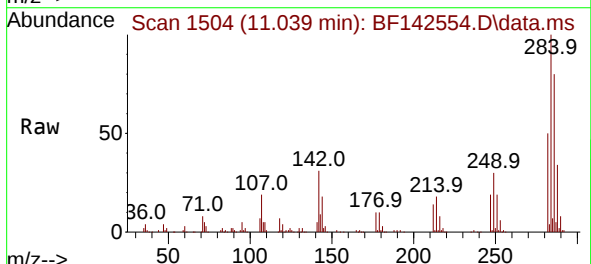
Instrument :
BNA_F
ClientSampleId :
PB168148BS

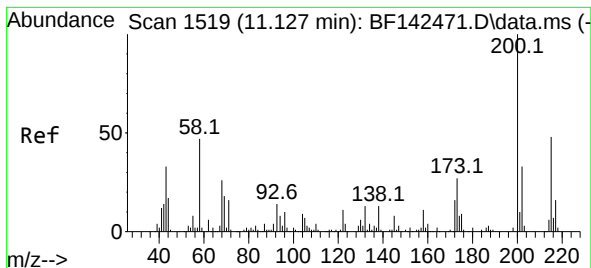
Tgt Ion:248 Resp: 216513
Ion Ratio Lower Upper
248 100
250 96.6 79.0 118.4
141 74.8 58.4 87.6



#68
Hexachlorobenzene
Concen: 40.547 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Tgt Ion:284 Resp: 241072
Ion Ratio Lower Upper
284 100
142 30.8 24.8 37.2
249 30.0 23.6 35.4





#69

Atrazine

Concen: 46.884 ng

RT: 11.127 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142554.D

Acq: 27 May 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB168148BS

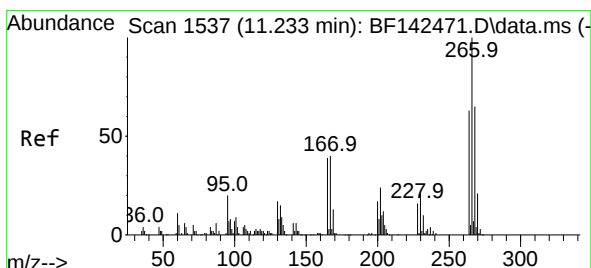
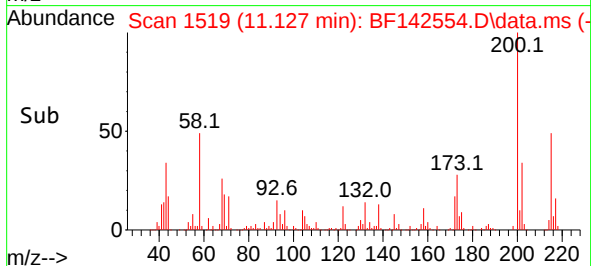
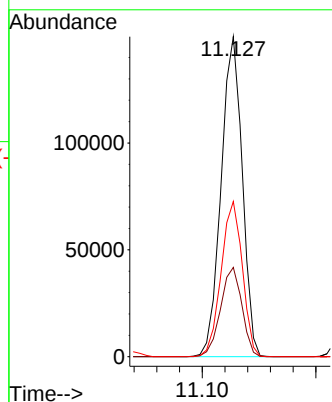
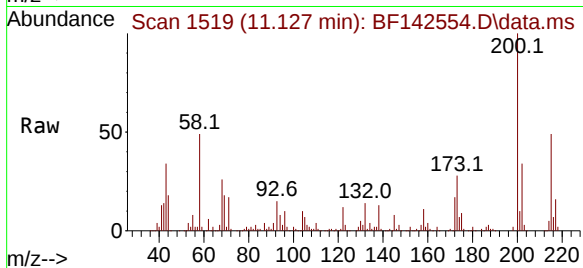
Tgt Ion:200 Resp: 193658

Ion Ratio Lower Upper

200 100

173 27.9 7.4 47.4

215 48.5 28.5 68.5



#70

Pentachlorophenol

Concen: 85.931 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142554.D

Acq: 27 May 2025 11:14

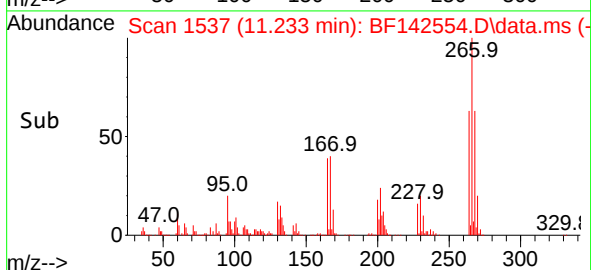
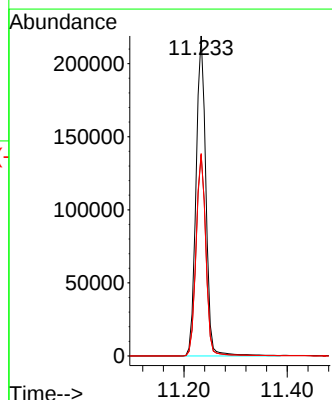
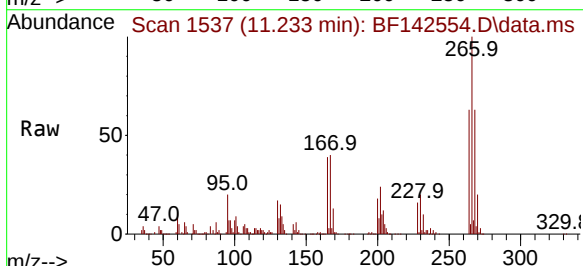
Tgt Ion:266 Resp: 288445

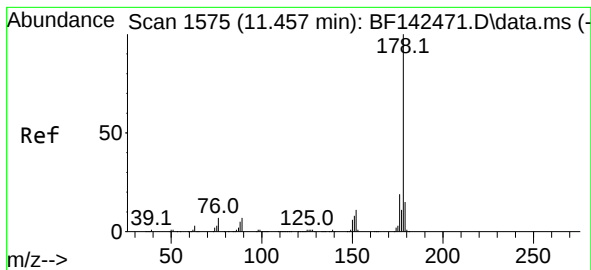
Ion Ratio Lower Upper

266 100

268 62.8 51.7 77.5

264 63.3 50.4 75.6





#71

Phenanthrene

Concen: 41.061 ng

RT: 11.457 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF142554.D

Acq: 27 May 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB168148BS

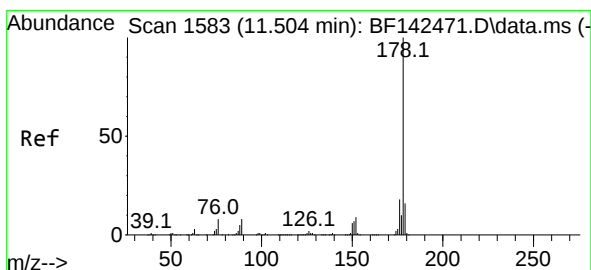
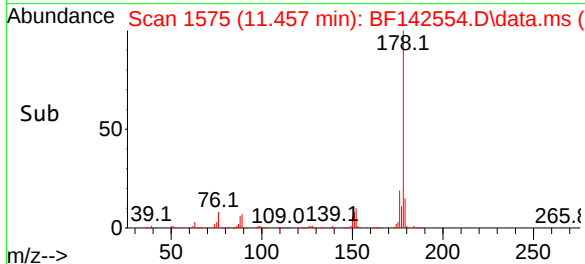
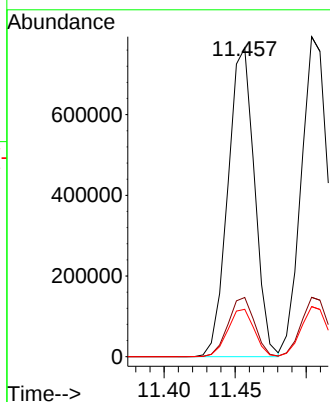
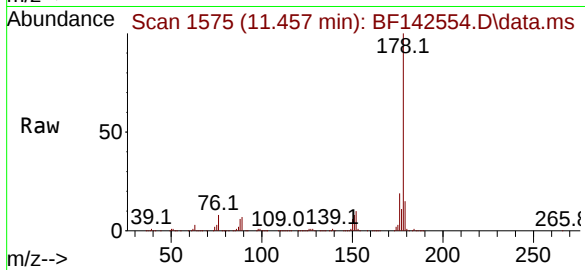
Tgt Ion:178 Resp: 997602

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.3 12.3 18.5



#72

Anthracene

Concen: 41.525 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142554.D

Acq: 27 May 2025 11:14

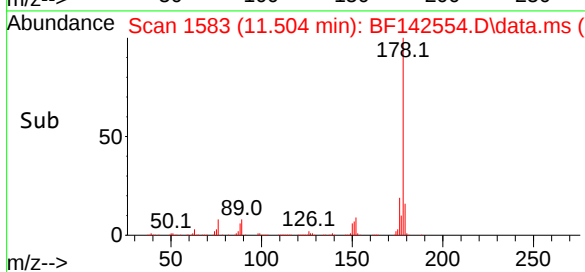
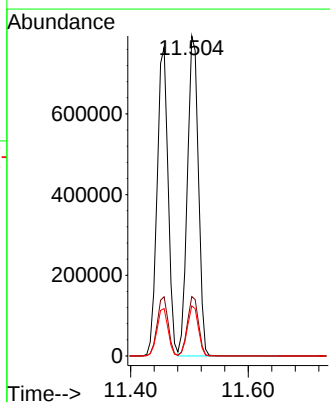
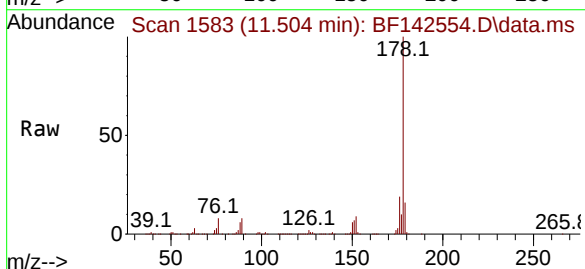
Tgt Ion:178 Resp: 1029649

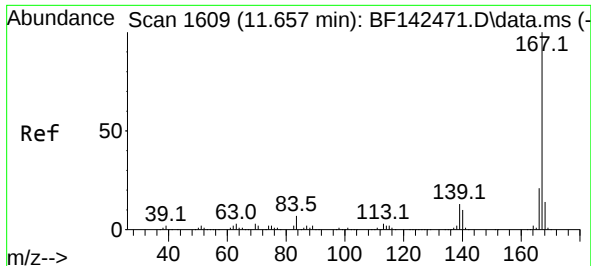
Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

179 15.7 12.4 18.6

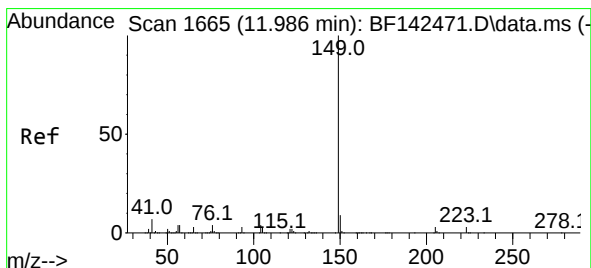
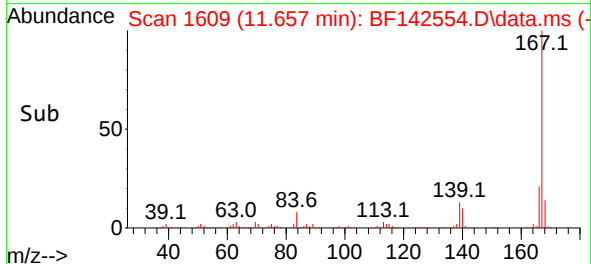
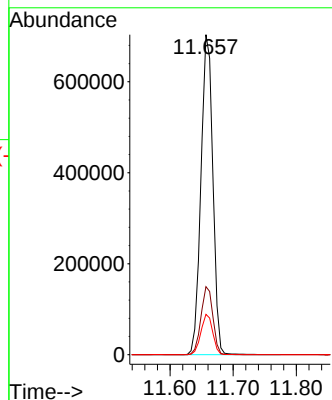
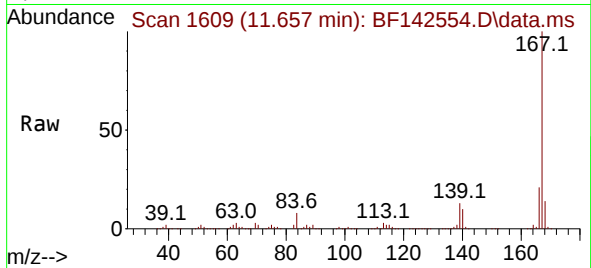




#73
 Carbazole
 Concen: 43.379 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142554.D
 Acq: 27 May 2025 11:14

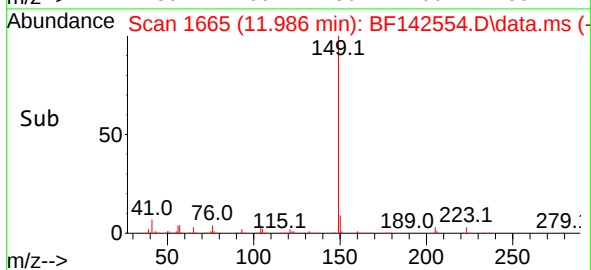
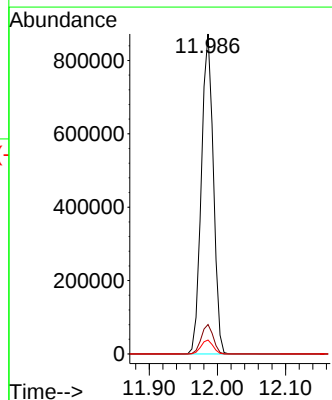
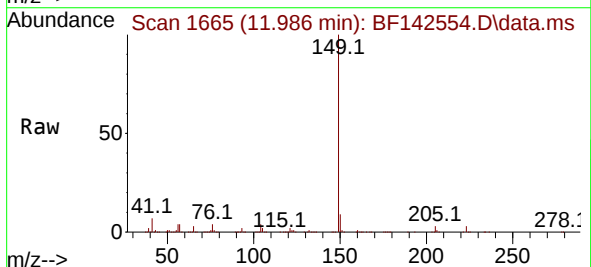
Instrument :
 BNA_F
 ClientSampleId :
 PB168148BS

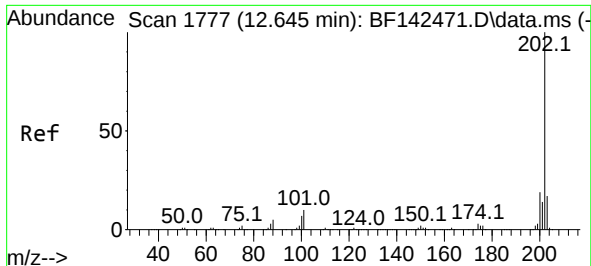
Tgt Ion:167 Resp: 919535
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.9 25.3
 139 12.6 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 45.919 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142554.D
 Acq: 27 May 2025 11:14

Tgt Ion:149 Resp: 1065447
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.3 3.6 5.4

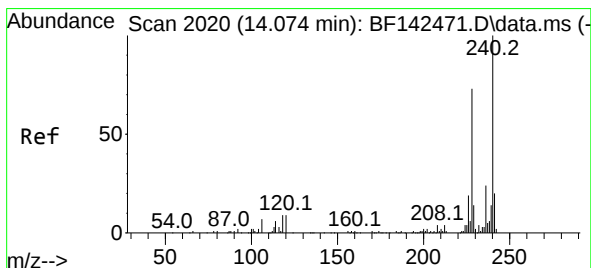
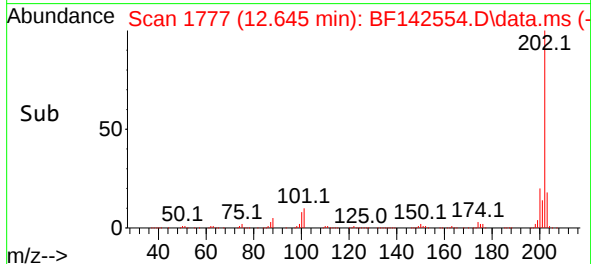
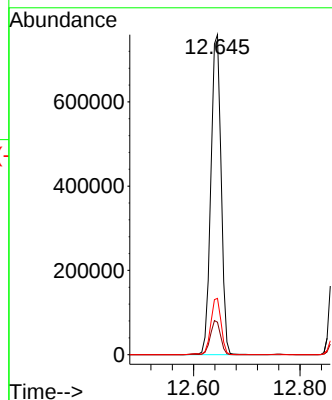
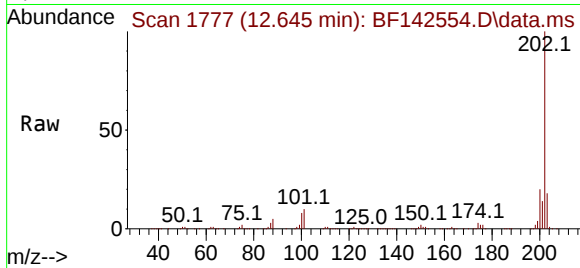




#75
Fluoranthene
Concen: 44.741 ng
RT: 12.645 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

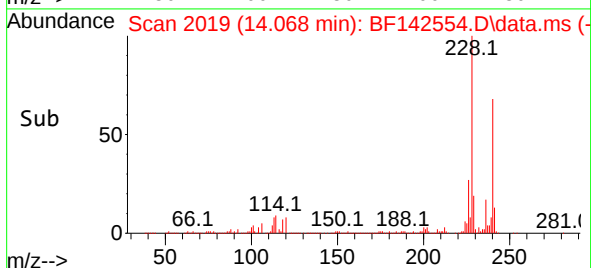
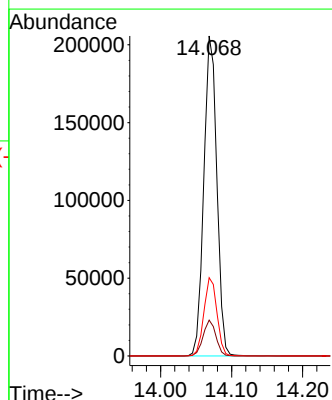
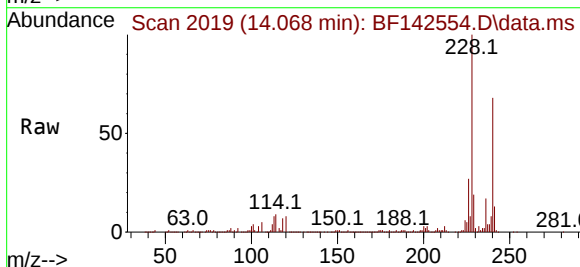
Instrument :
BNA_F
ClientSampleId :
PB168148BS

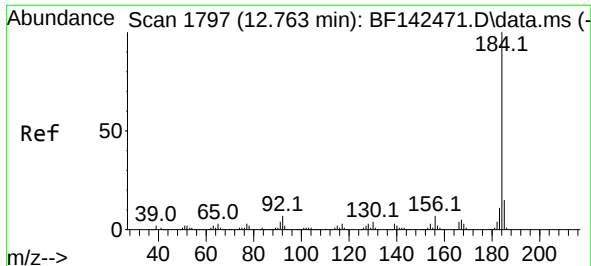
Tgt Ion:202 Resp: 1015709
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.6
203 17.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Tgt Ion:240 Resp: 262646
Ion Ratio Lower Upper
240 100
120 11.2 7.5 11.3
236 24.4 19.6 29.4

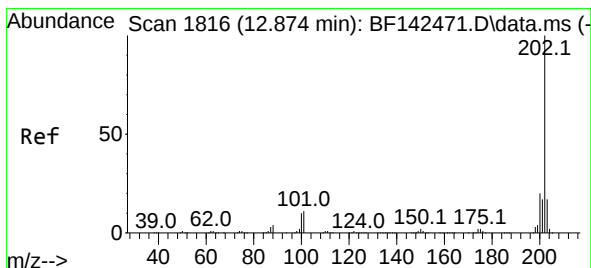
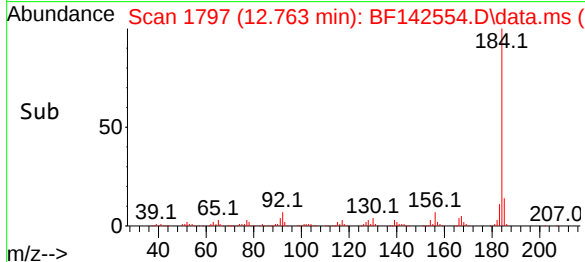
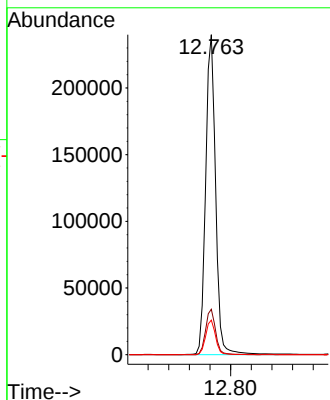
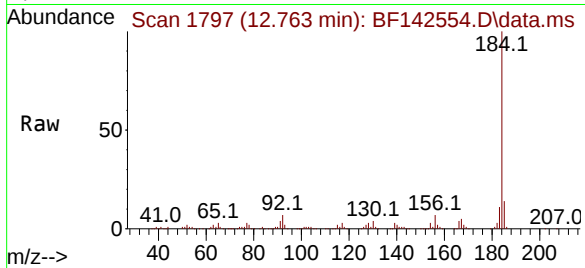




#77
Benzidine
Concen: 32.757 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

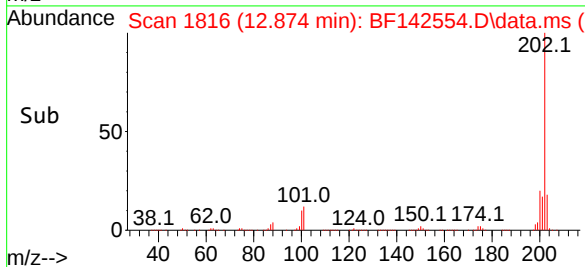
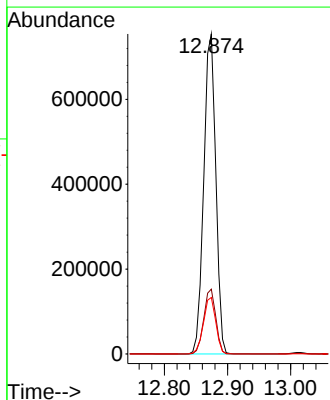
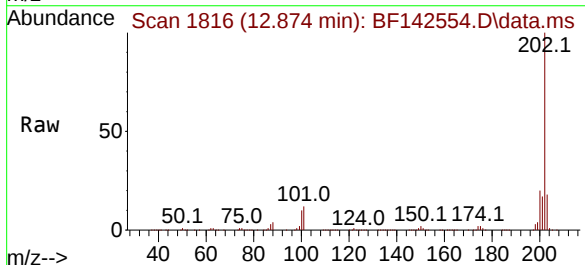
Instrument :
BNA_F
ClientSampleId :
PB168148BS

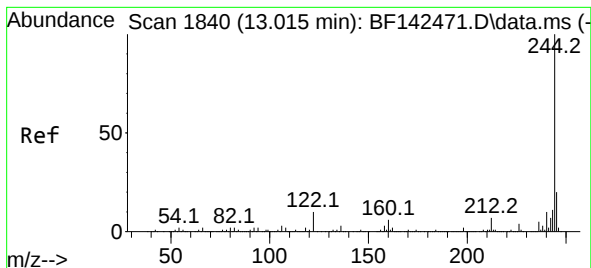
Tgt Ion:184 Resp: 320164
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 10.8 9.0 13.4



#78
Pyrene
Concen: 40.726 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Tgt Ion:202 Resp: 997841
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 70.419 ng

RT: 13.015 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142554.D

Acq: 27 May 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB168148BS

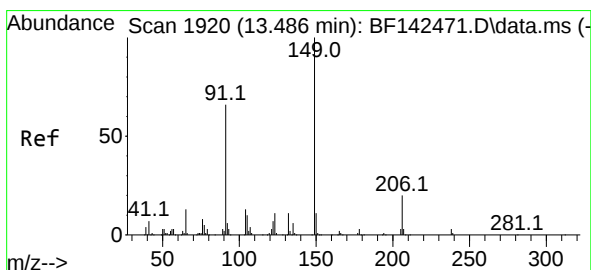
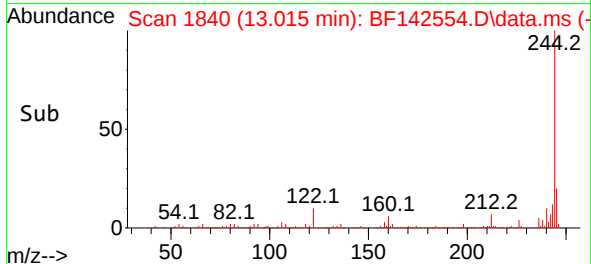
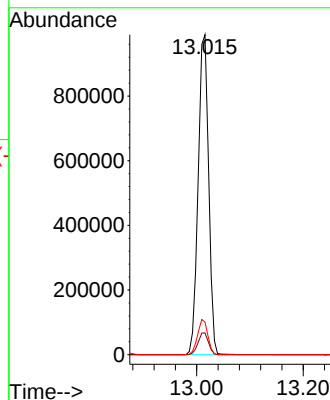
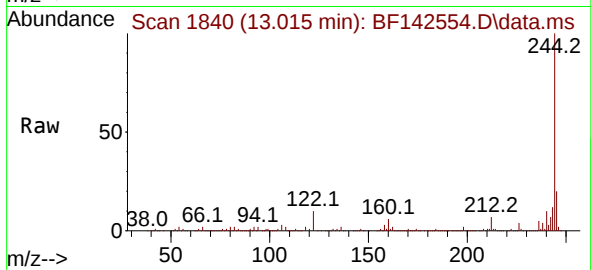
Tgt Ion:244 Resp: 1353438

Ion Ratio Lower Upper

244 100

212 6.8 5.3 7.9

122 10.2 8.2 12.2



#80

Butylbenzylphthalate

Concen: 47.937 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142554.D

Acq: 27 May 2025 11:14

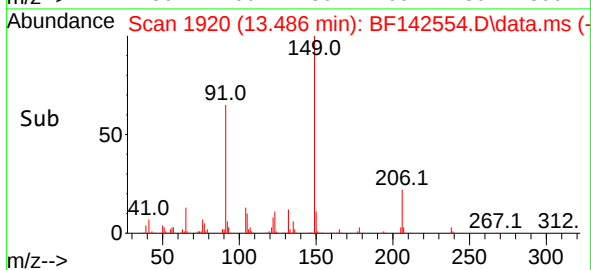
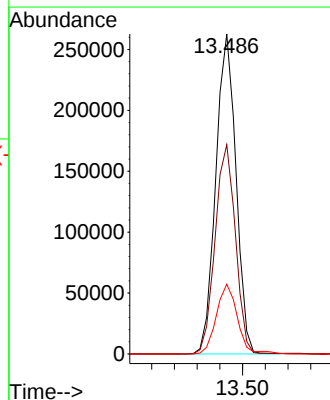
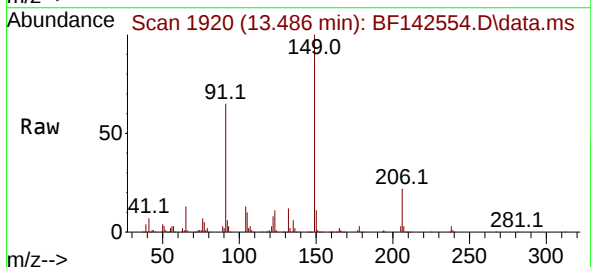
Tgt Ion:149 Resp: 324535

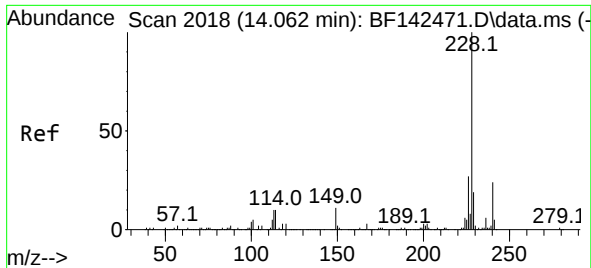
Ion Ratio Lower Upper

149 100

91 65.4 52.9 79.3

206 21.8 16.2 24.2

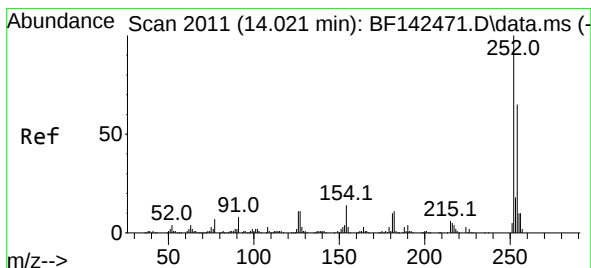
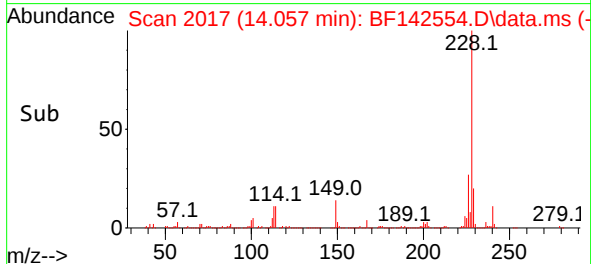
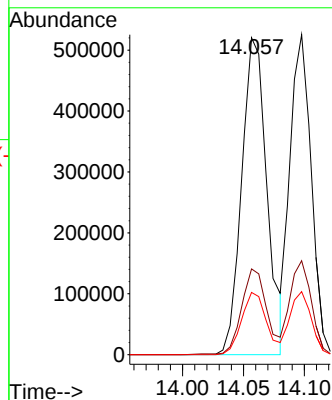
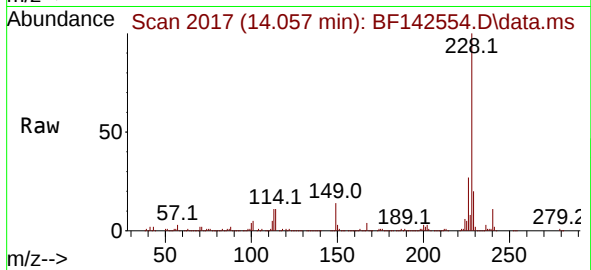




#81
Benzo(a)anthracene
Concen: 42.812 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

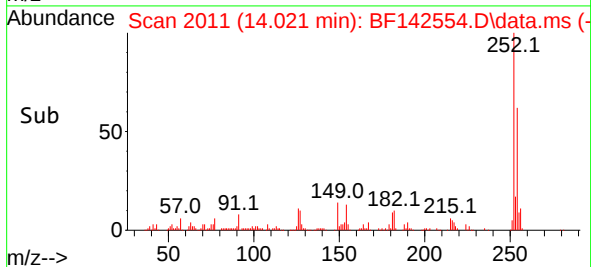
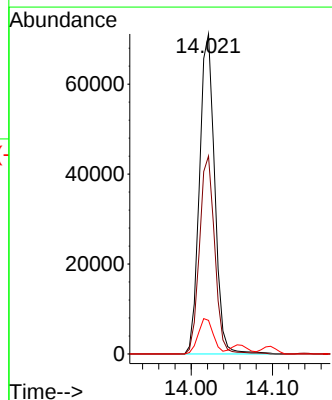
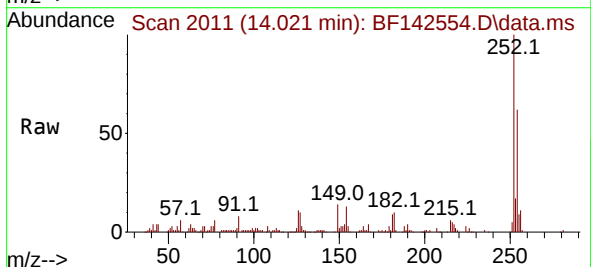
Instrument :
BNA_F
ClientSampleId :
PB168148BS

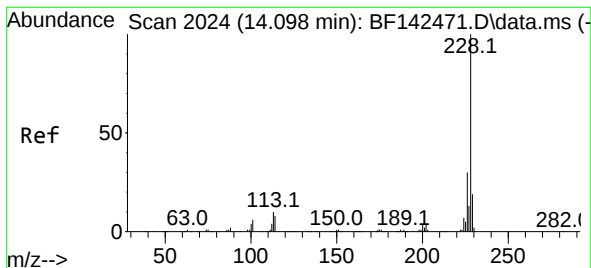
Tgt Ion:228 Resp: 750849
Ion Ratio Lower Upper
228 100
226 27.1 21.2 31.8
229 19.6 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 17.435 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Tgt Ion:252 Resp: 92748
Ion Ratio Lower Upper
252 100
254 61.8 52.0 78.0
126 10.5 8.9 13.3





#83

Chrysene

Concen: 40.567 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF142554.D

Acq: 27 May 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB168148BS

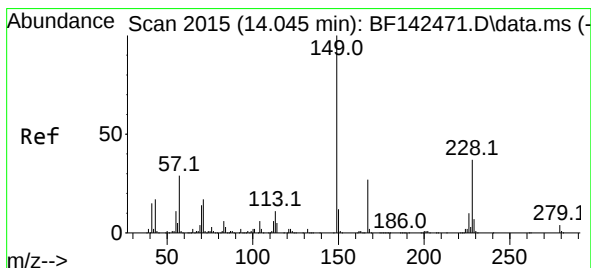
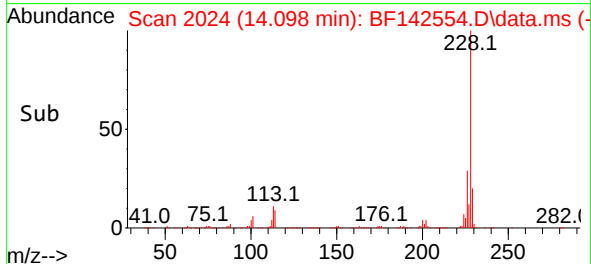
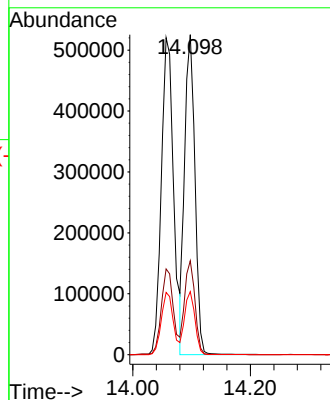
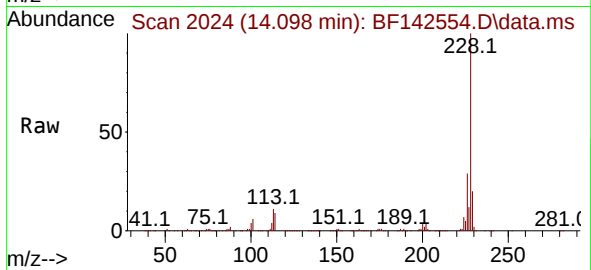
Tgt Ion:228 Resp: 639306

Ion Ratio Lower Upper

228 100

226 29.4 23.8 35.6

229 19.7 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.750 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142554.D

Acq: 27 May 2025 11:14

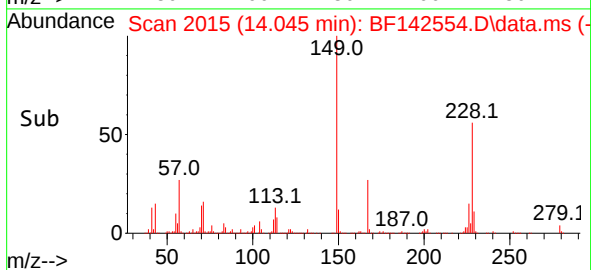
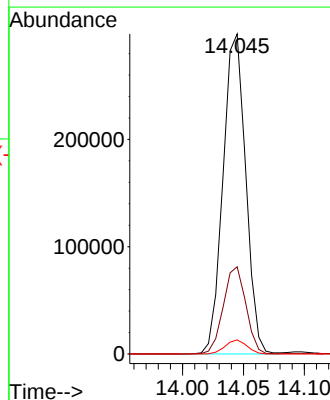
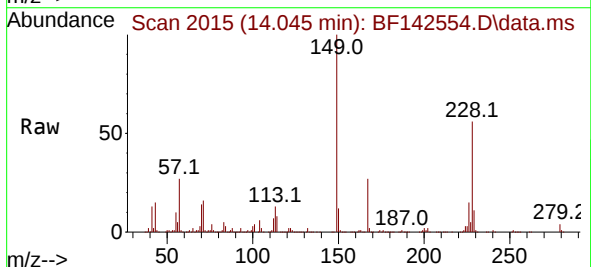
Tgt Ion:149 Resp: 387833

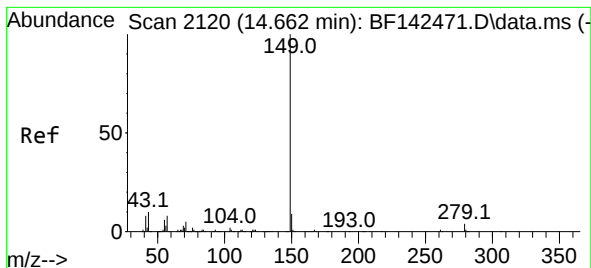
Ion Ratio Lower Upper

149 100

167 27.2 21.5 32.3

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 37.565 ng

RT: 14.657 min Scan# 2119

Delta R.T. -0.011 min

Lab File: BF142554.D

Acq: 27 May 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB168148BS

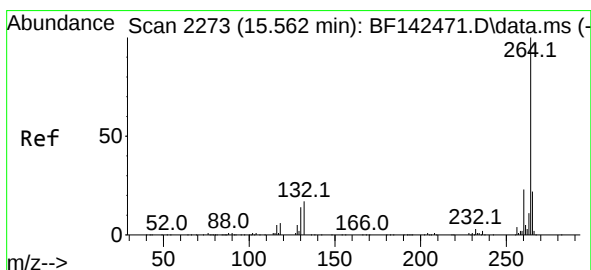
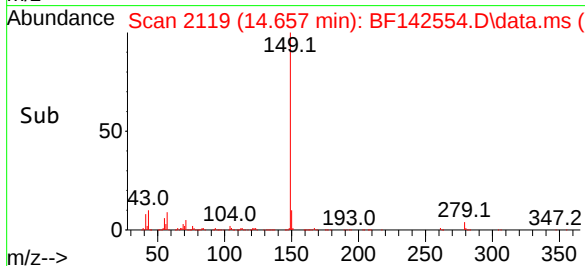
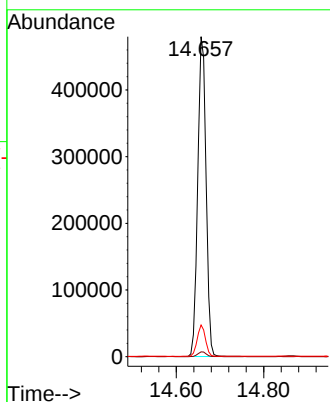
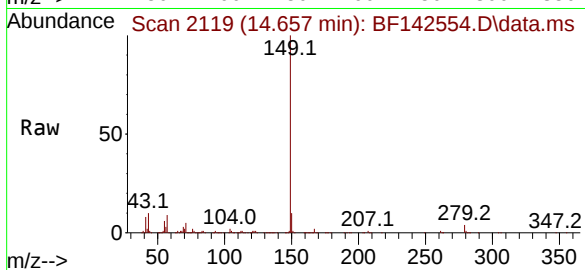
Tgt Ion:149 Resp: 636586

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: 15.562 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142554.D

Acq: 27 May 2025 11:14

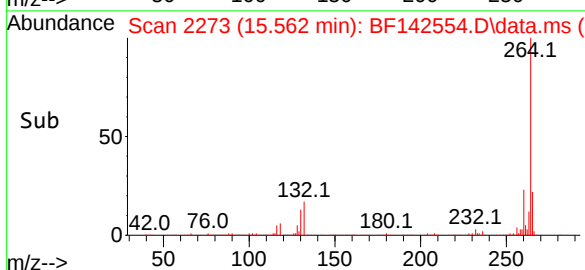
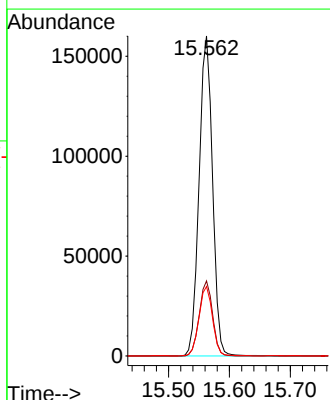
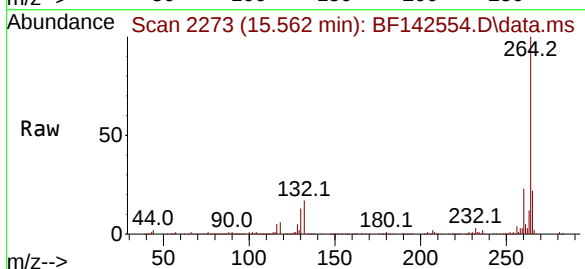
Tgt Ion:264 Resp: 245750

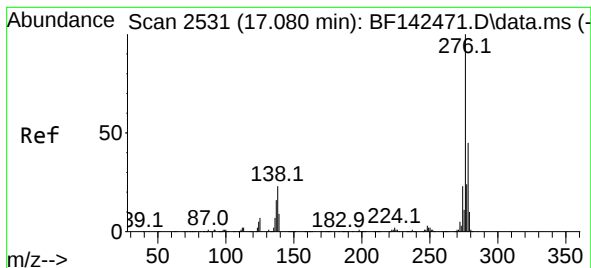
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.7 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.320 ng

RT: 17.080 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF142554.D

Acq: 27 May 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB168148BS

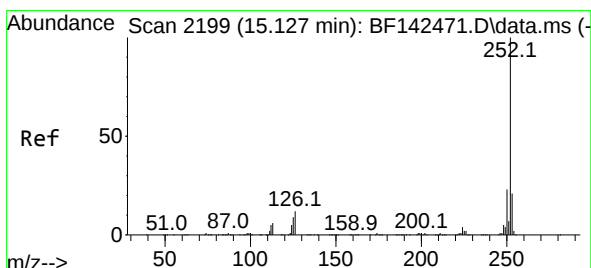
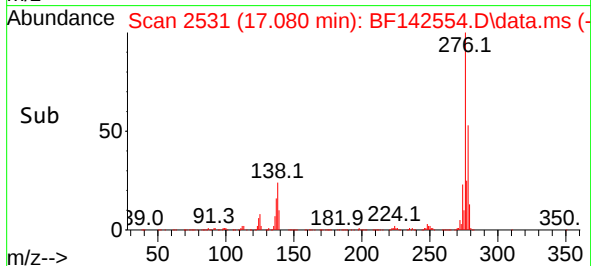
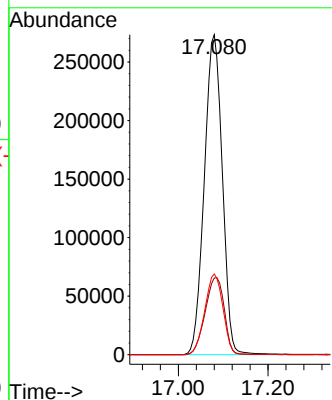
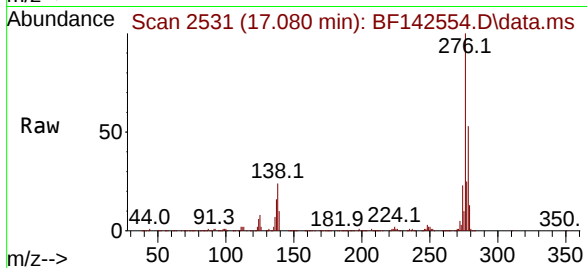
Tgt Ion:276 Resp: 762321

Ion Ratio Lower Upper

276 100

138 25.5 19.9 29.9

277 25.6 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 45.137 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142554.D

Acq: 27 May 2025 11:14

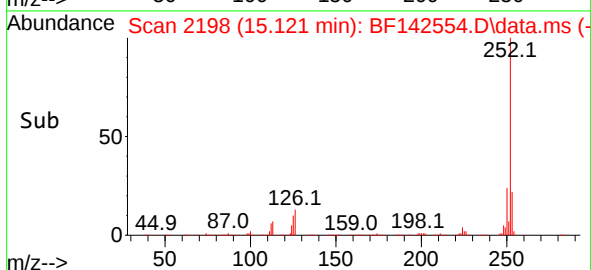
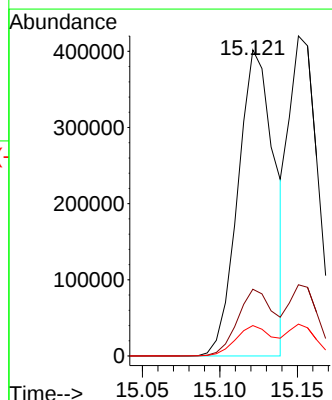
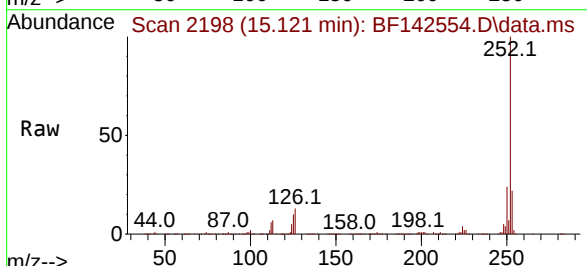
Tgt Ion:252 Resp: 656497

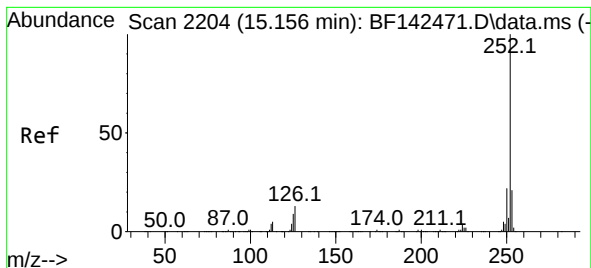
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

125 9.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 40.330 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142554.D

Acq: 27 May 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB168148BS

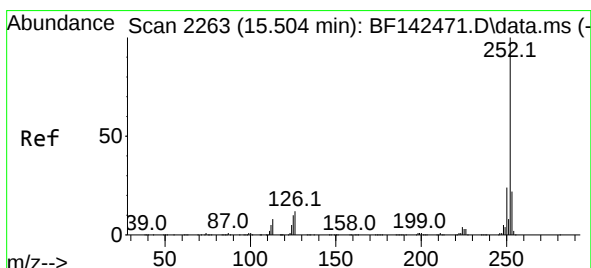
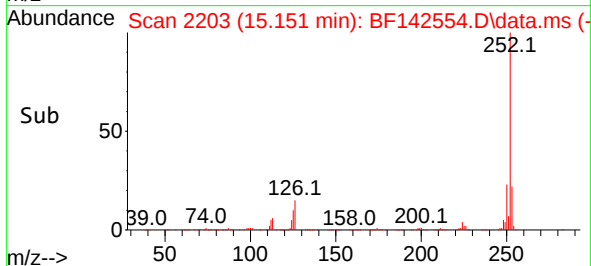
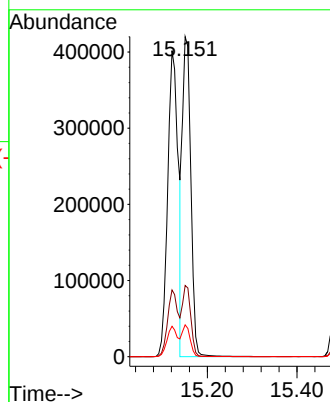
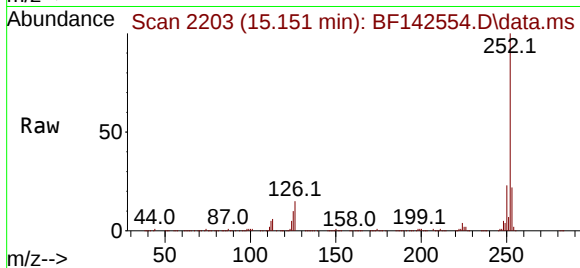
Tgt Ion:252 Resp: 549403

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

125 10.0 7.3 10.9



#90

Benzo(a)pyrene

Concen: 43.278 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.012 min

Lab File: BF142554.D

Acq: 27 May 2025 11:14

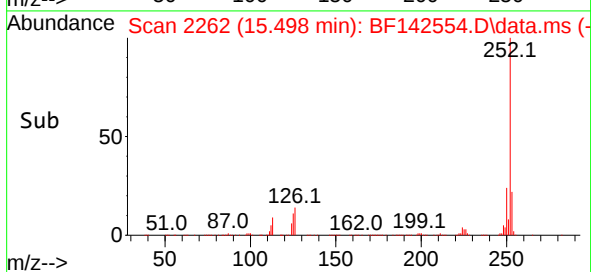
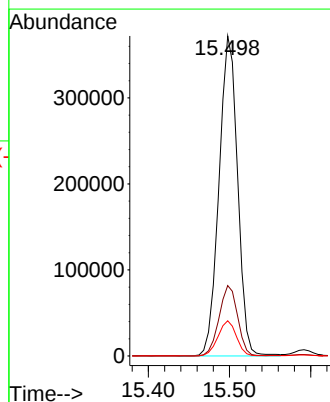
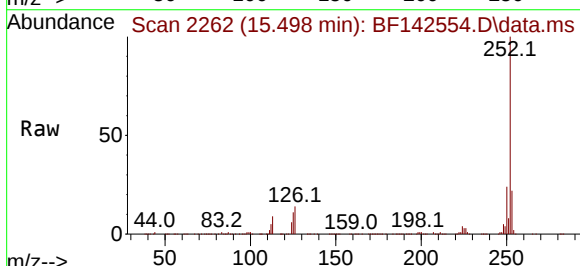
Tgt Ion:252 Resp: 593336

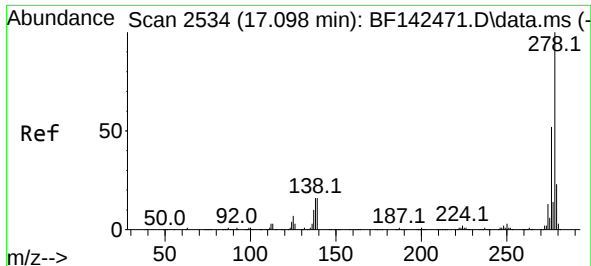
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 11.0 7.9 11.9

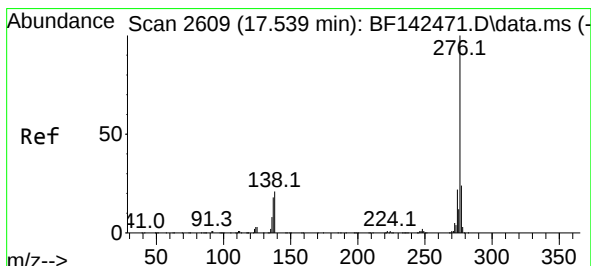
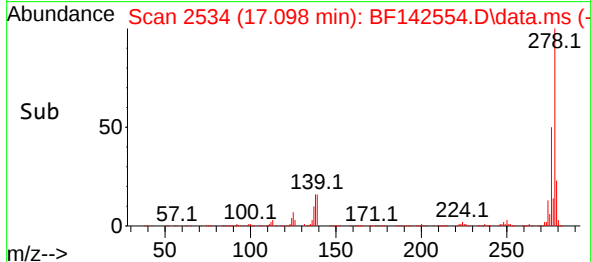
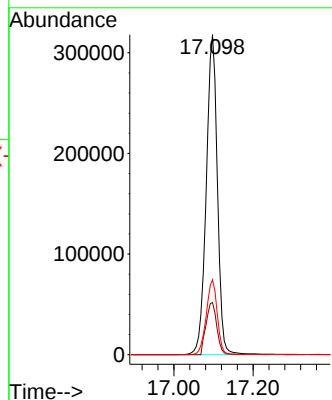
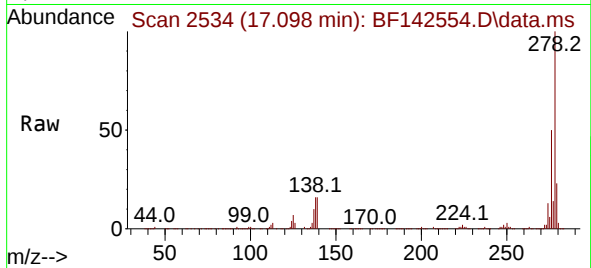




#91
Dibenzo(a,h)anthracene
Concen: 41.595 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Instrument :
BNA_F
ClientSampleId :
PB168148BS

Tgt Ion:278 Resp: 622394
Ion Ratio Lower Upper
278 100
139 16.3 12.8 19.2
279 23.4 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 41.309 ng
RT: 17.539 min Scan# 2609
Delta R.T. -0.018 min
Lab File: BF142554.D
Acq: 27 May 2025 11:14

Tgt Ion:276 Resp: 618259
Ion Ratio Lower Upper
276 100
277 23.4 19.2 28.8
138 21.9 16.8 25.2

