

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
 Data File : BF143027.D
 Acq On : 08 Jul 2025 11:54
 Operator : RC/JU
 Sample : PB168716BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168716BS

Quant Time: Jul 08 12:19:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	58507	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	224473	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	117882	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	196389	20.000	ng	0.00
76) Chrysene-d12	14.063	240	99574	20.000	ng	0.00
86) Perylene-d12	15.557	264	114876	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	449592	127.940	ng	0.01
7) Phenol-d6	6.516	99	538555	129.899	ng	0.00
23) Nitrobenzene-d5	7.439	82	335535	81.989	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	167248	137.870	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	738017	82.244	ng	0.00
79) Terphenyl-d14	12.998	244	631084	87.570	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	49703	35.362	ng	99
3) Pyridine	3.481	79	139256	39.520	ng	97
4) n-Nitrosodimethylamine	3.434	42	78804	43.248	ng	97
6) Aniline	6.539	93	186649	33.834	ng	# 80
8) 2-Chlorophenol	6.663	128	172485	45.502	ng	98
9) Benzaldehyde	6.428	77	65208	26.511	ng	98
10) Phenol	6.528	94	201070	43.630	ng	79
11) bis(2-Chloroethyl)ether	6.610	93	150682	45.747	ng	97
12) 1,3-Dichlorobenzene	6.816	146	189258	44.642	ng	99
13) 1,4-Dichlorobenzene	6.892	146	192803	45.076	ng	99
14) 1,2-Dichlorobenzene	7.045	146	182783	45.054	ng	100
15) Benzyl Alcohol	7.022	79	140107	46.745	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	220882	41.739	ng	69
17) 2-Methylphenol	7.134	107	132355	46.074	ng	97
18) Hexachloroethane	7.386	117	67694	45.248	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	111074	46.064	ng	99
20) 3+4-Methylphenols	7.287	107	170879	47.709	ng	96
22) Acetophenone	7.287	105	228983	46.259	ng	98
24) Nitrobenzene	7.463	77	167633	45.257	ng	97
25) Isophorone	7.698	82	301651	45.949	ng	100
26) 2-Nitrophenol	7.775	139	97023	48.085	ng	98
27) 2,4-Dimethylphenol	7.816	122	160072m	45.799	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	190115	45.551	ng	100
29) 2,4-Dichlorophenol	8.022	162	146741	46.304	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	156650	44.953	ng	100
31) Naphthalene	8.181	128	502748	45.756	ng	100
32) Benzoic acid	7.945	122	79001	44.348	ng	96
33) 4-Chloroaniline	8.233	127	133370	29.852	ng	98
34) Hexachlorobutadiene	8.292	225	96733	45.382	ng	100
35) Caprolactam	8.610	113	43590m	52.126	ng	
36) 4-Chloro-3-methylphenol	8.722	107	150432	47.763	ng	100
37) 2-Methylnaphthalene	8.875	142	311283	45.697	ng	100
38) 1-Methylnaphthalene	8.975	142	327419	46.432	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	161961	46.563	ng	99
41) Hexachlorocyclopentadiene	9.028	237	151208	76.605	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	103502	45.665	ng	99

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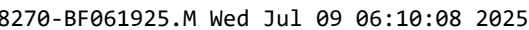
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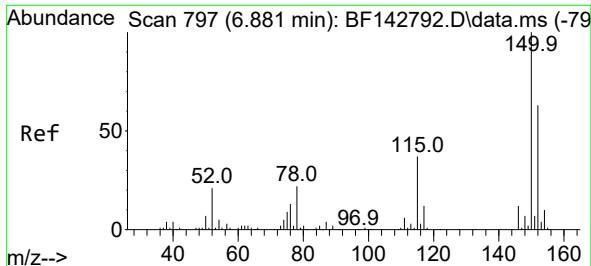
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	108629	45.529	ng	99
46) 1,1'-Biphenyl	9.339	154	437747	47.009	ng	100
47) 2-Chloronaphthalene	9.369	162	322065	46.088	ng	99
48) 2-Nitroaniline	9.463	65	92748	47.342	ng	96
49) Acenaphthylene	9.780	152	535374	46.539	ng	99
50) Dimethylphthalate	9.639	163	371441	48.678	ng	99
51) 2,6-Dinitrotoluene	9.710	165	80447	48.007	ng	96
52) Acenaphthene	9.957	154	364959m	51.998	ng	
53) 3-Nitroaniline	9.875	138	60810	32.959	ng	100
54) 2,4-Dinitrophenol	9.992	184	83921	100.016	ng	97
55) Dibenzofuran	10.127	168	467906	46.490	ng	100
56) 4-Nitrophenol	10.051	139	102931	81.491	ng	99
57) 2,4-Dinitrotoluene	10.116	165	108038	48.537	ng	92
58) Fluorene	10.469	166	376316	47.875	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	90547	47.081	ng	94
60) Diethylphthalate	10.339	149	367095	49.066	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	179485	47.852	ng	98
62) 4-Nitroaniline	10.492	138	79314	47.004	ng	99
63) Azobenzene	10.622	77	312072	46.670	ng	98
65) 4,6-Dinitro-2-methylph...	10.527	198	57251	48.195	ng	97
66) n-Nitrosodiphenylamine	10.580	169	323529	47.533	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	110051	49.238	ng	97
68) Hexachlorobenzene	11.022	284	118285	47.627	ng	99
69) Atrazine	11.110	200	92438	52.593	ng	100
70) Pentachlorophenol	11.222	266	101472	81.994	ng	98
71) Phenanthrene	11.439	178	503153	47.296	ng	100
72) Anthracene	11.486	178	516037	47.297	ng	99
73) Carbazole	11.645	167	439384	46.666	ng	100
74) Di-n-butylphthalate	11.969	149	504874	51.473	ng	99
75) Fluoranthene	12.627	202	468974	46.450	ng	99
77) Benzidine	12.745	184	114984	30.735	ng	99
78) Pyrene	12.857	202	462608	49.564	ng	100
80) Butylbenzylphthalate	13.468	149	143577	53.032	ng	96
81) Benzo(a)anthracene	14.051	228	324635	48.328	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	55773	25.598	ng	98
83) Chrysene	14.086	228	280502	46.797	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	181490	46.592	ng	100
85) Di-n-octyl phthalate	14.639	149	327797	44.628	ng	98
87) Indeno(1,2,3-cd)pyrene	17.092	276	404380	46.215	ng	99
88) Benzo(b)fluoranthene	15.115	252	334813	50.369	ng	100
89) Benzo(k)fluoranthene	15.145	252	270562	43.506	ng	100
90) Benzo(a)pyrene	15.498	252	304589	47.431	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	325775	45.822	ng	99
92) Benzo(g,h,i)perylene	17.551	276	328768	46.375	ng	98

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

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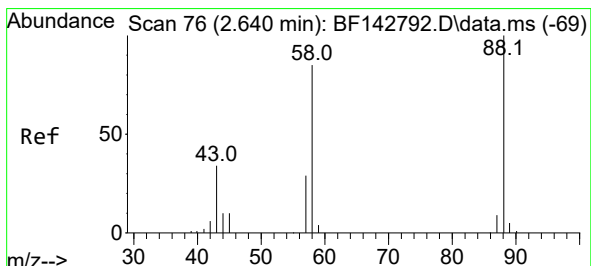
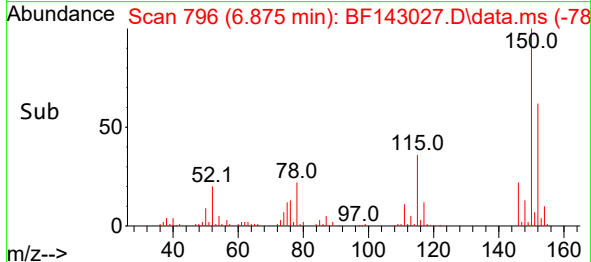
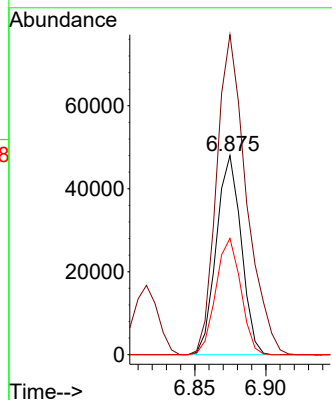
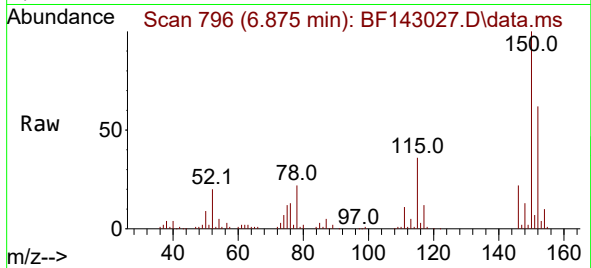




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF143027.D
 Acq: 08 Jul 2025 11:54

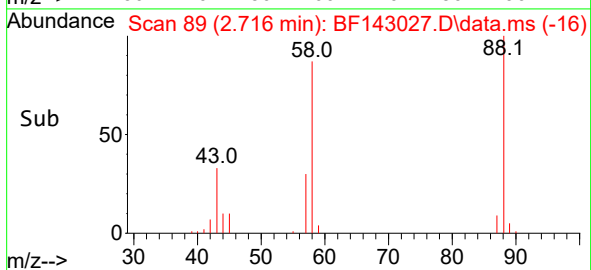
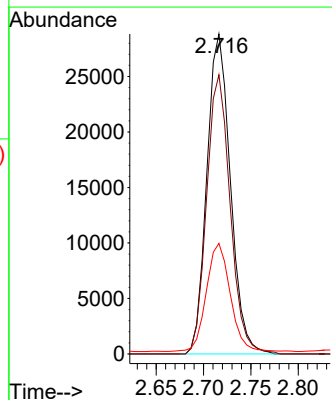
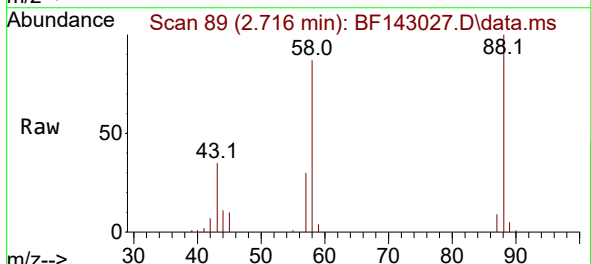
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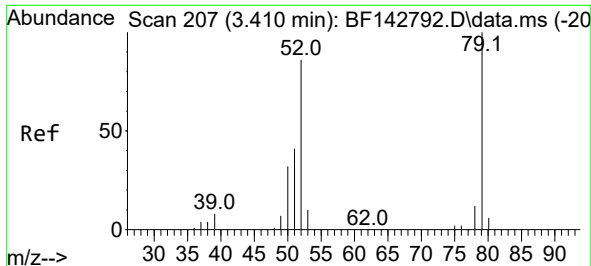
Tgt Ion:152 Resp: 58507
 Ion Ratio Lower Upper
 152 100
 150 160.8 127.2 190.8
 115 58.5 46.6 69.8



#2
 1,4-Dioxane
 Concen: 35.362 ng
 RT: 2.716 min Scan# 89
 Delta R.T. 0.076 min
 Lab File: BF143027.D
 Acq: 08 Jul 2025 11:54

Tgt Ion: 88 Resp: 49703
 Ion Ratio Lower Upper
 88 100
 58 87.4 69.1 103.7
 43 34.4 27.4 41.2





#3

Pyridine

Concen: 39.520 ng

RT: 3.481 min Scan# 211

Delta R.T. 0.071 min

Lab File: BF143027.D

Acq: 08 Jul 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168716BS

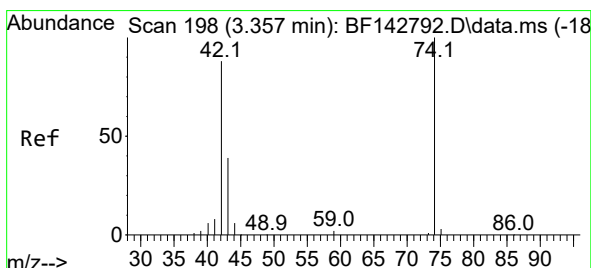
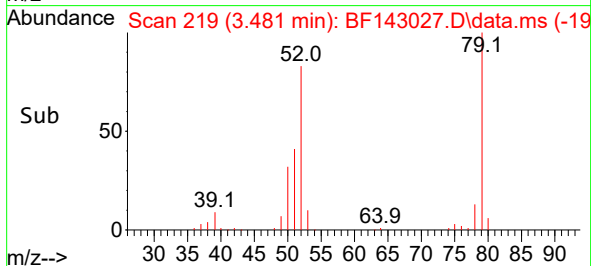
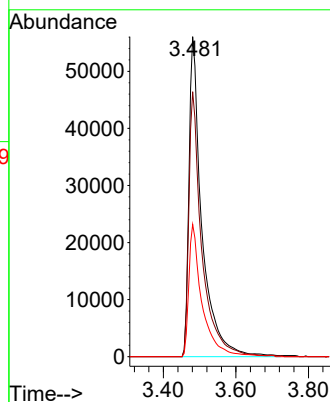
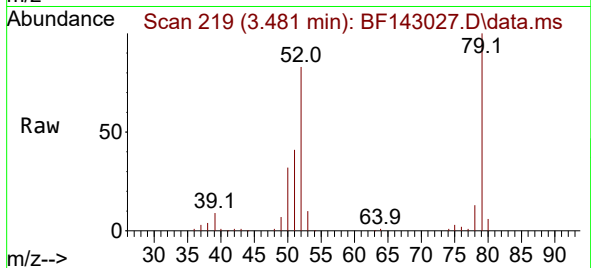
Tgt Ion: 79 Resp: 139256

Ion Ratio Lower Upper

79 100

52 82.8 69.2 103.8

51 41.3 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 43.248 ng

RT: 3.434 min Scan# 211

Delta R.T. 0.076 min

Lab File: BF143027.D

Acq: 08 Jul 2025 11:54

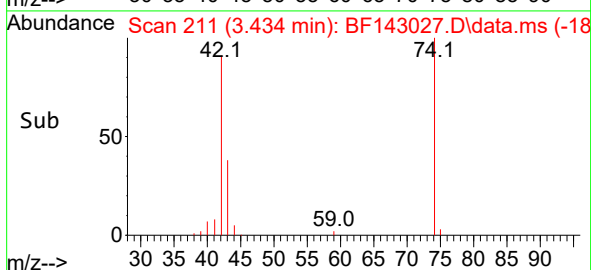
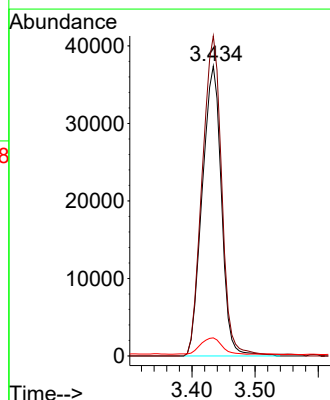
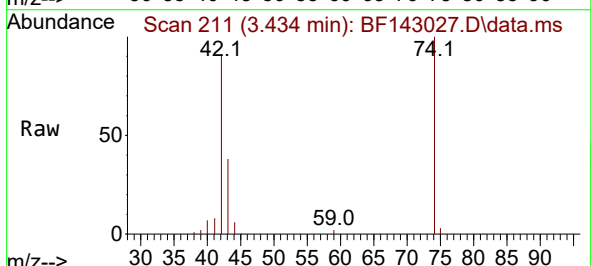
Tgt Ion: 42 Resp: 78804

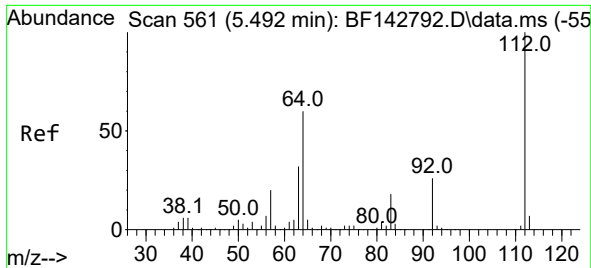
Ion Ratio Lower Upper

42 100

74 110.4 90.9 136.3

44 6.2 5.8 8.6

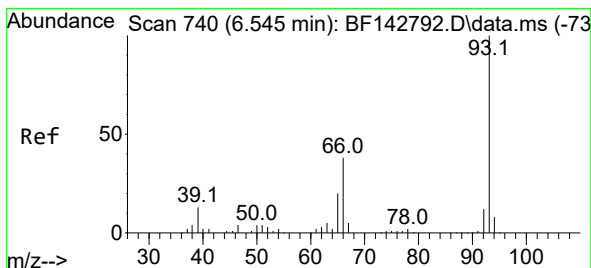
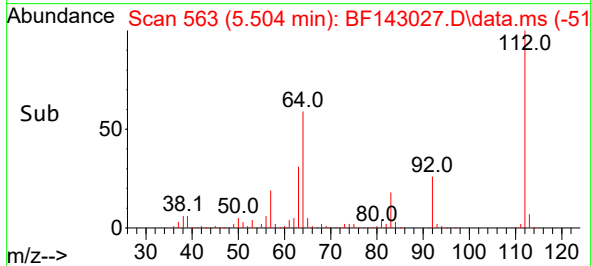
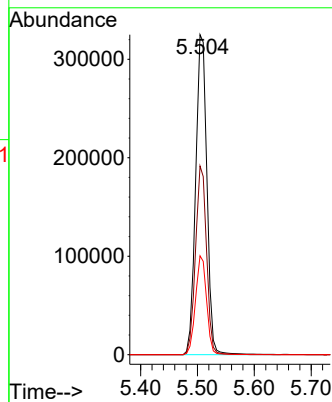
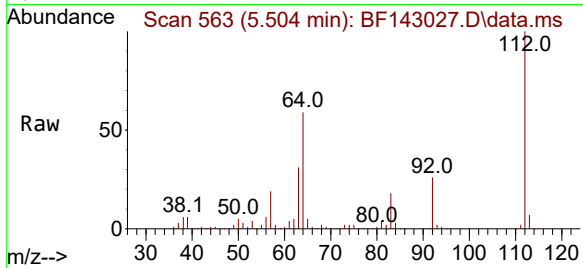




#5
2-Fluorophenol
Concen: 127.940 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

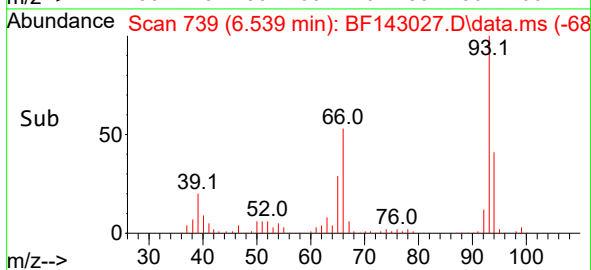
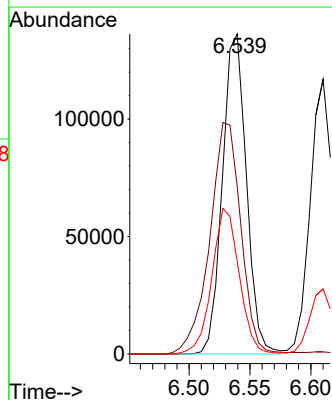
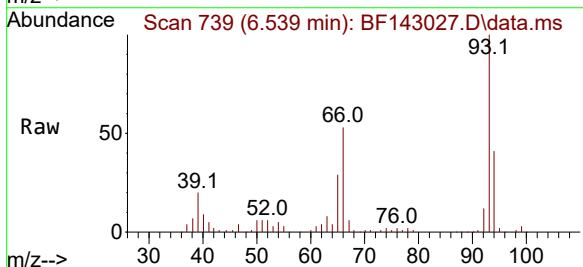
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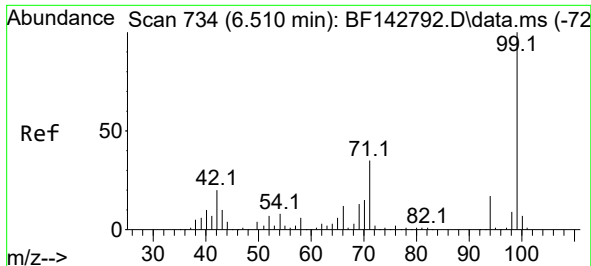
Tgt Ion:112 Resp: 449592
Ion Ratio Lower Upper
112 100
64 59.0 48.2 72.2
63 30.9 25.7 38.5



#6
Aniline
Concen: 33.834 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion: 93 Resp: 186649
Ion Ratio Lower Upper
93 100
66 52.5 31.8 47.6#
65 29.0 16.2 24.2#

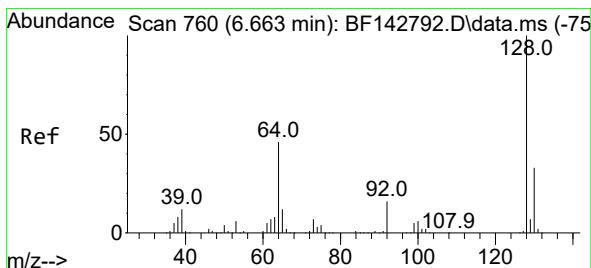
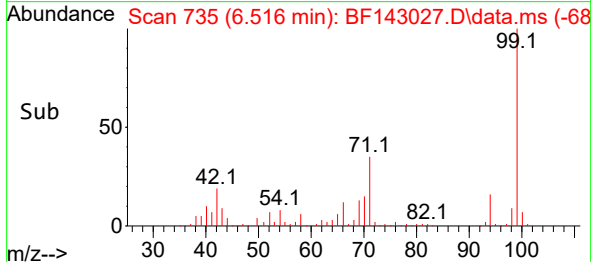
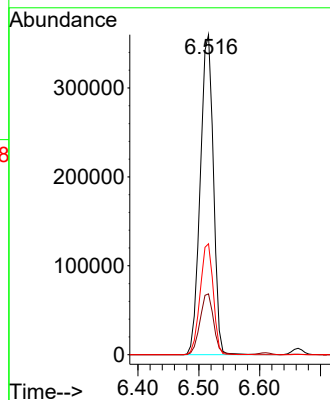
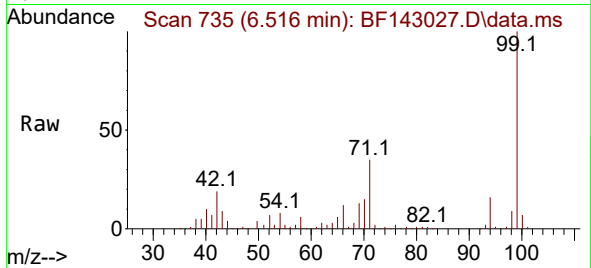




#7
Phenol-d6
Concen: 129.899 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

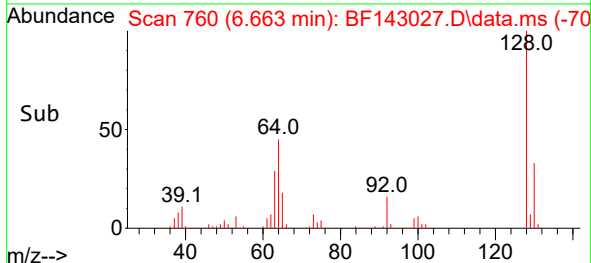
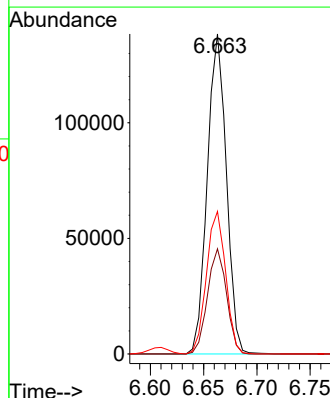
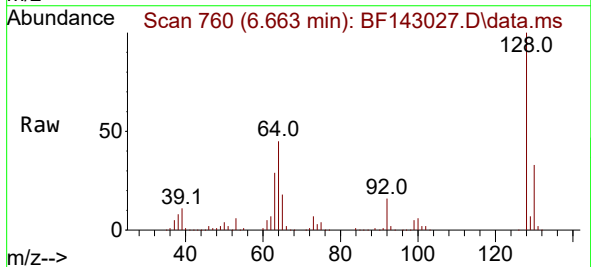
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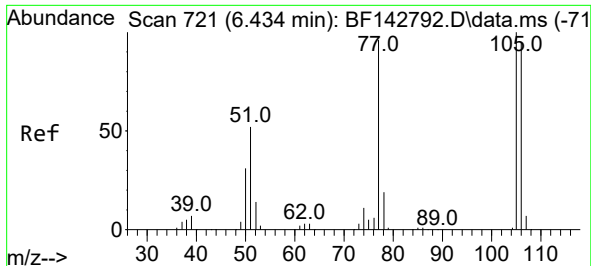
Tgt Ion: 99 Resp: 538555
Ion Ratio Lower Upper
99 100
42 19.0 15.9 23.9
71 34.7 27.8 41.8



#8
2-Chlorophenol
Concen: 45.502 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF143027.D
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Tgt Ion:128 Resp: 172485
Ion Ratio Lower Upper
128 100
130 32.9 12.7 52.7
64 44.6 26.5 66.5

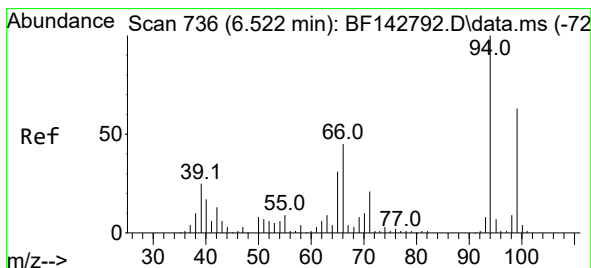
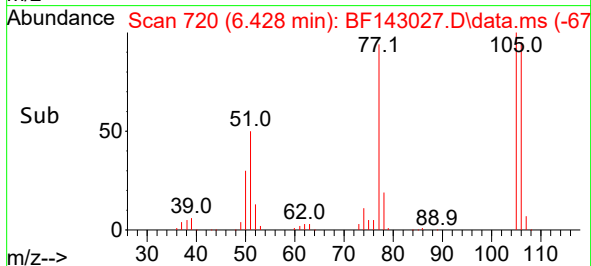
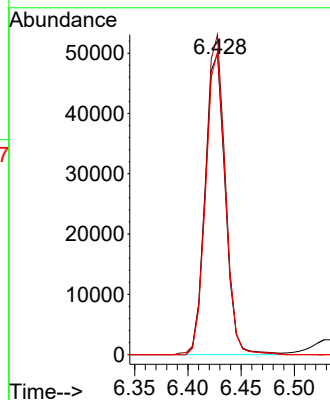
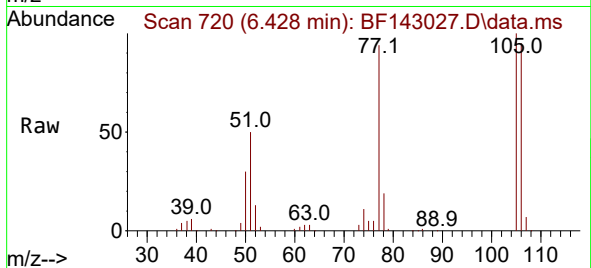




#9
Benzaldehyde
Concen: 26.511 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

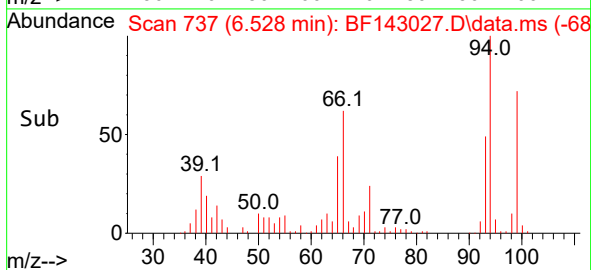
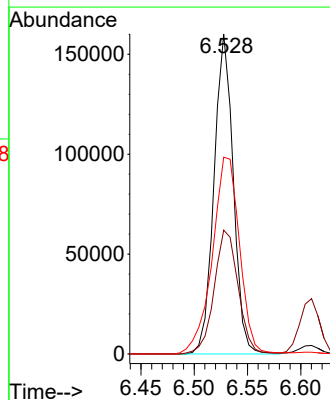
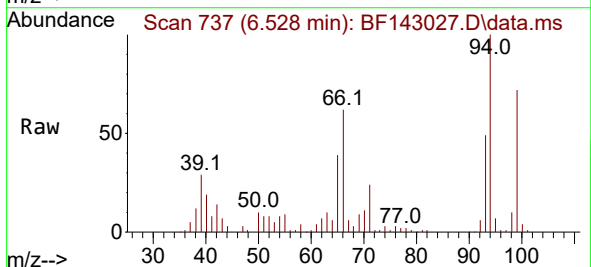
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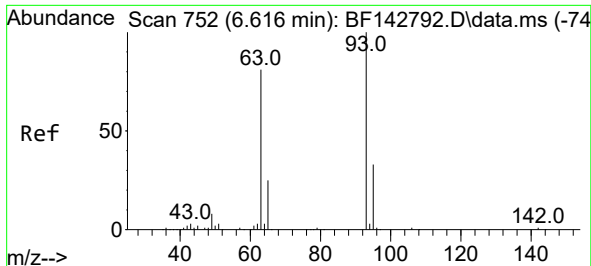
Tgt Ion: 77 Resp: 65208
Ion Ratio Lower Upper
77 100
105 106.2 83.8 123.8
106 100.5 78.7 118.7



#10
Phenol
Concen: 43.630 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF143027.D
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Tgt Ion: 94 Resp: 201070
Ion Ratio Lower Upper
94 100
65 38.7 11.3 51.3
66 61.5 24.9 64.9

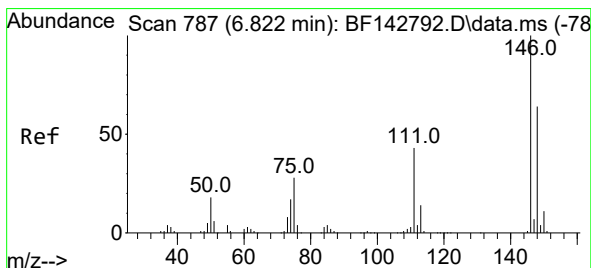
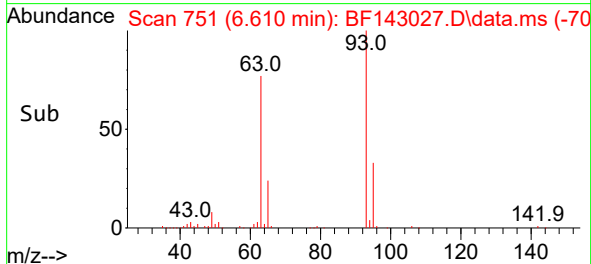
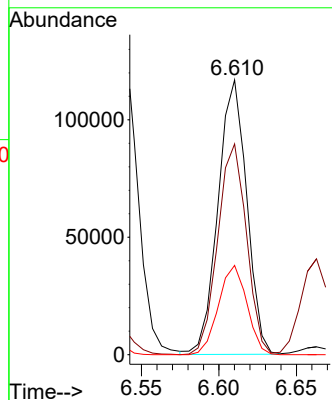
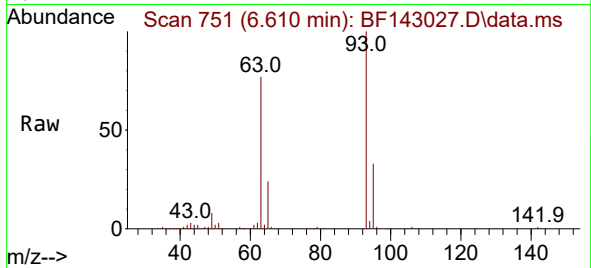




#11
bis(2-Chloroethyl)ether
Concen: 45.747 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

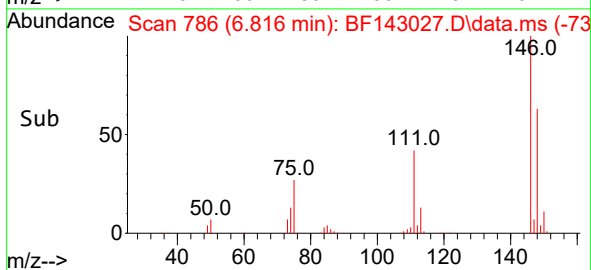
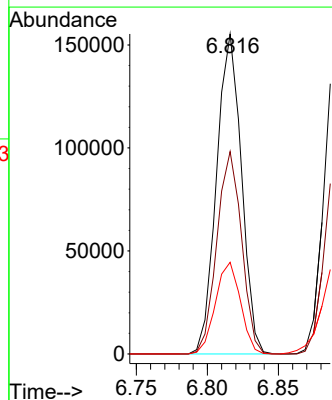
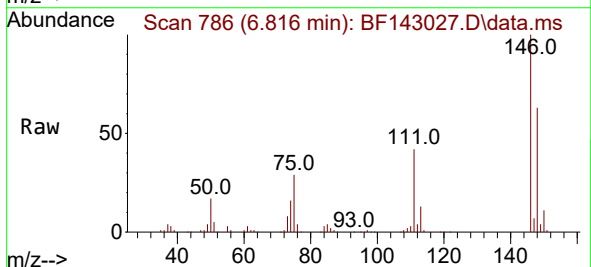
Instrument :
BNA_F
ClientSampleId :
PB168716BS

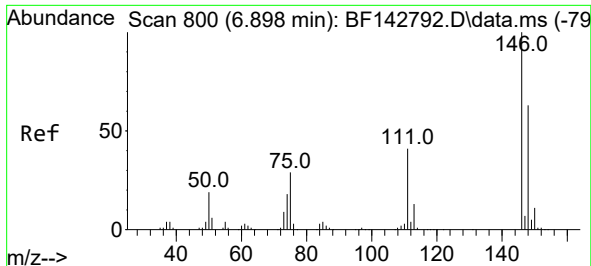
Tgt Ion: 93 Resp: 150682
Ion Ratio Lower Upper
93 100
63 76.7 60.3 100.3
95 32.5 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 44.642 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion:146 Resp: 189258
Ion Ratio Lower Upper
146 100
148 63.3 51.1 76.7
75 28.6 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 45.076 ng

RT: 6.892 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF143027.D

Acq: 08 Jul 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168716BS

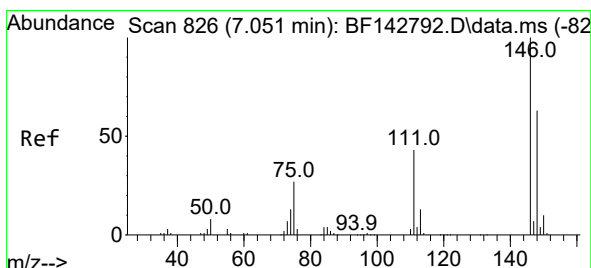
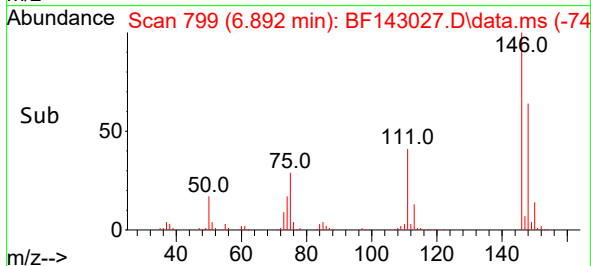
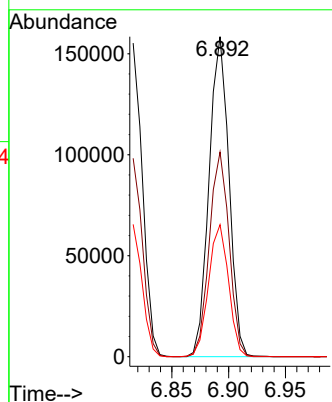
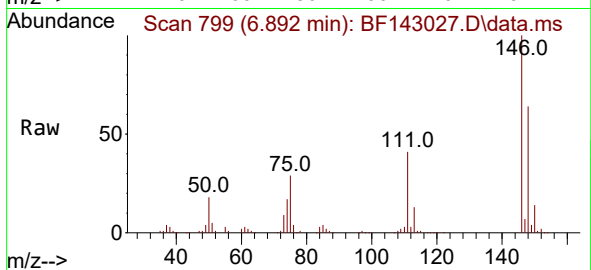
Tgt Ion:146 Resp: 192803

Ion Ratio Lower Upper

146 100

148 64.0 50.2 75.2

111 41.3 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 45.054 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF143027.D

Acq: 08 Jul 2025 11:54

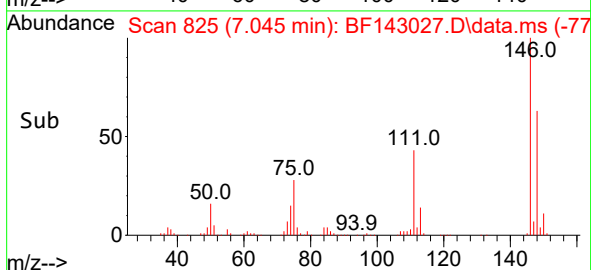
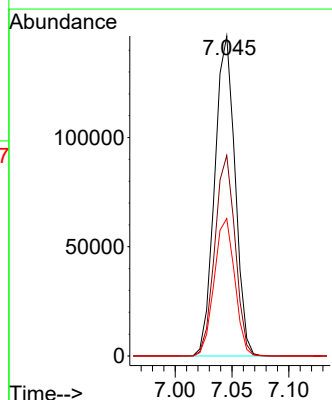
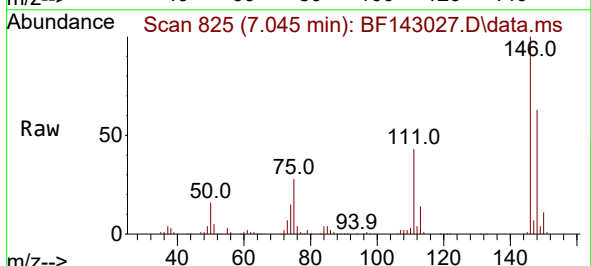
Tgt Ion:146 Resp: 182783

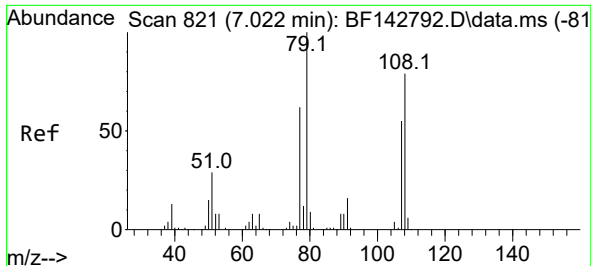
Ion Ratio Lower Upper

146 100

148 62.7 50.4 75.6

111 42.9 34.1 51.1

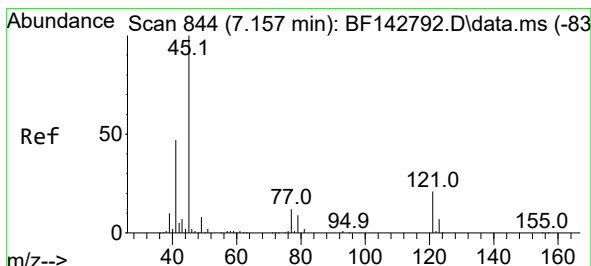
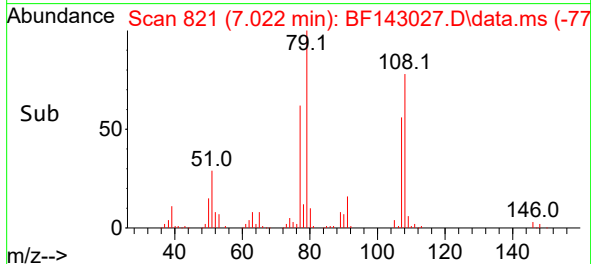
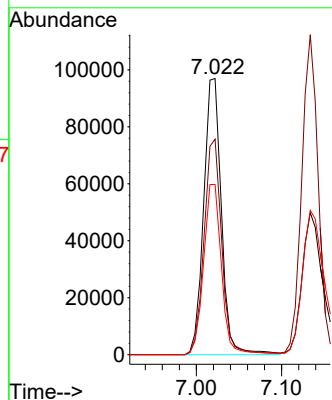
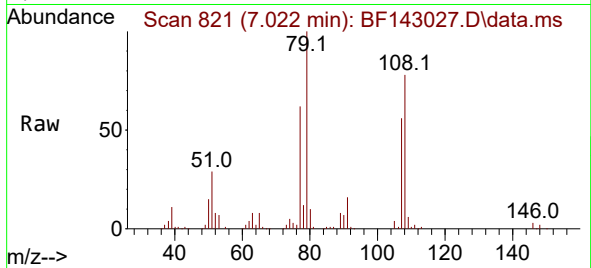




#15
Benzyl Alcohol
Concen: 46.745 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

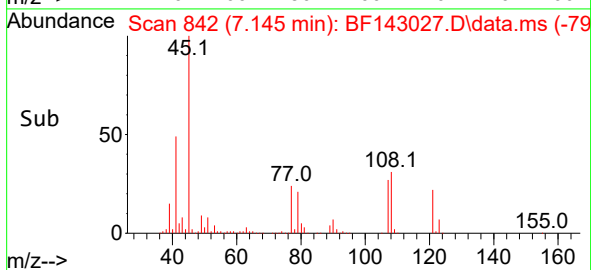
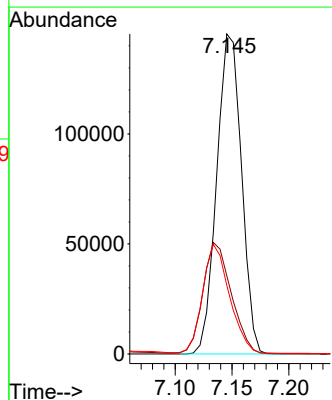
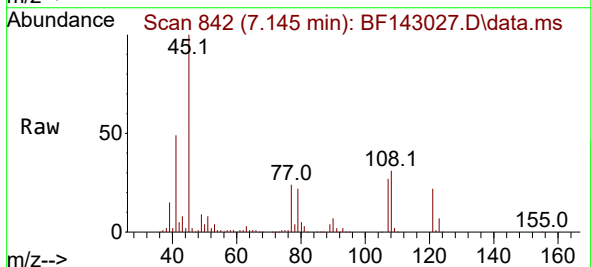
Instrument :
BNA_F
ClientSampleId :
PB168716BS

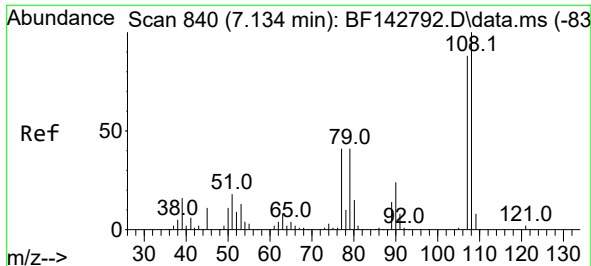
Tgt Ion: 79 Resp: 140107
Ion Ratio Lower Upper
79 100
108 78.0 63.4 95.0
77 61.6 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.739 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion: 45 Resp: 220882
Ion Ratio Lower Upper
45 100
77 24.5 0.0 32.8
79 21.5 0.0 29.8

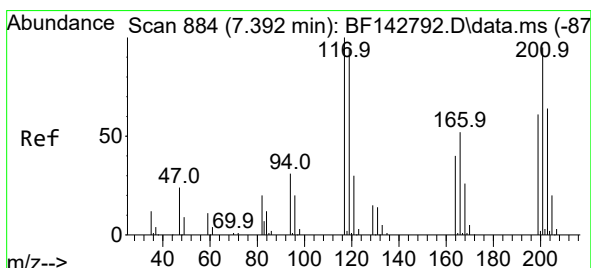
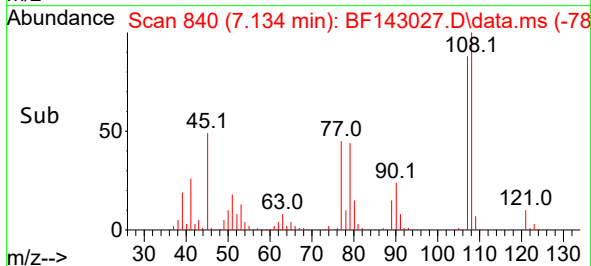
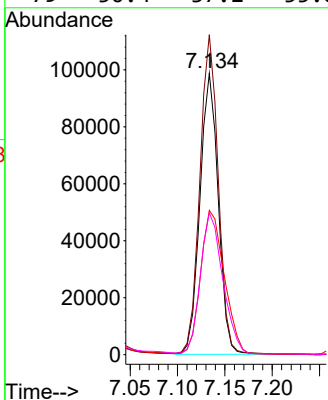
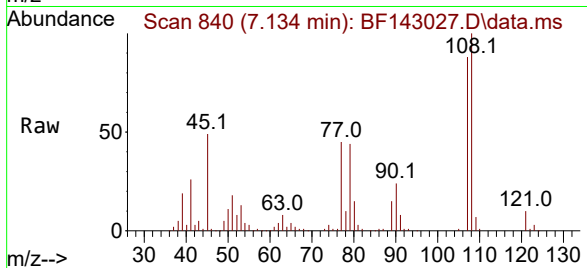




#17
2-Methylphenol
Concen: 46.074 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

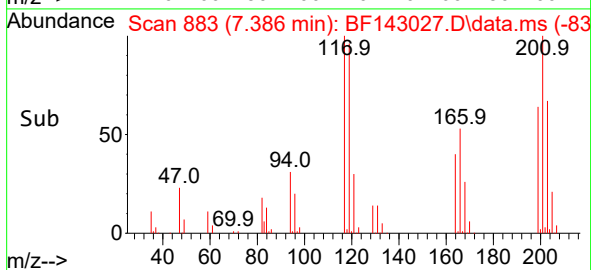
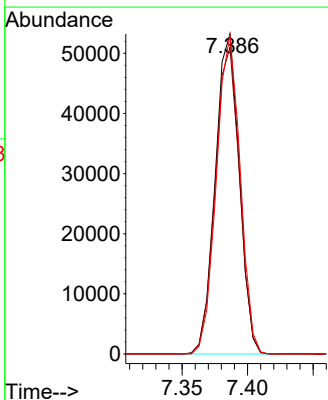
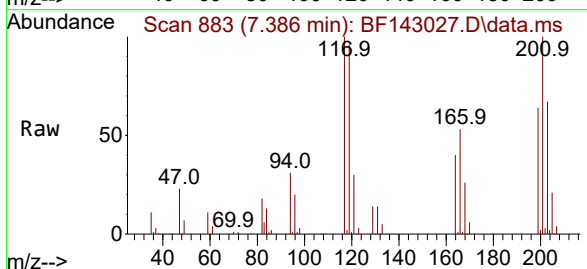
Instrument :
BNA_F
ClientSampleId :
PB168716BS

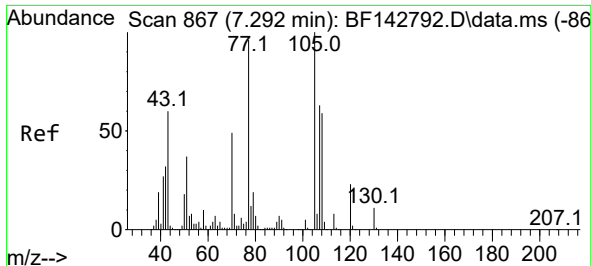
Tgt Ion:	107	Resp:	132355
Ion	Ratio	Lower	Upper
107	100		
108	113.7	90.9	136.3
77	51.3	37.3	55.9
79	50.4	37.2	55.8



#18
Hexachloroethane
Concen: 45.248 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion:	117	Resp:	67694
Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.4	113.0
201	99.7	75.9	113.9

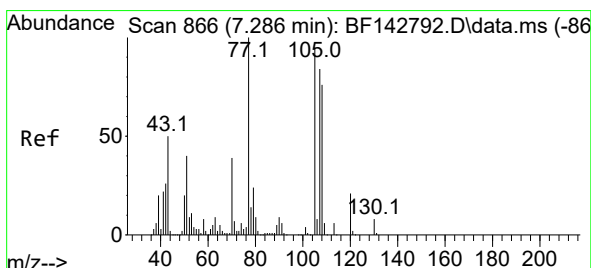
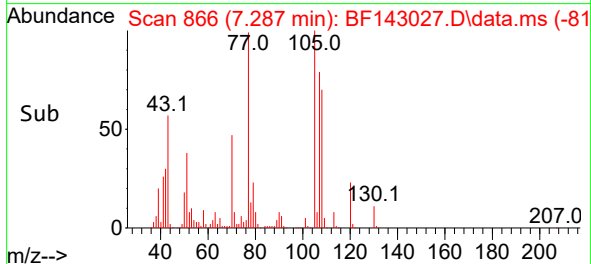
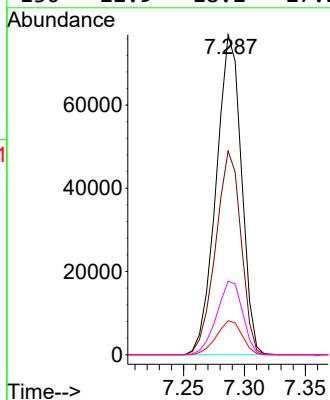
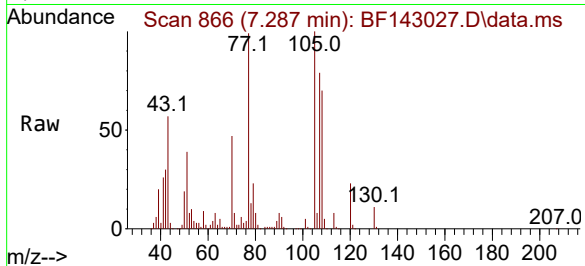




#19
n-Nitroso-di-n-propylamine
Concen: 46.064 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

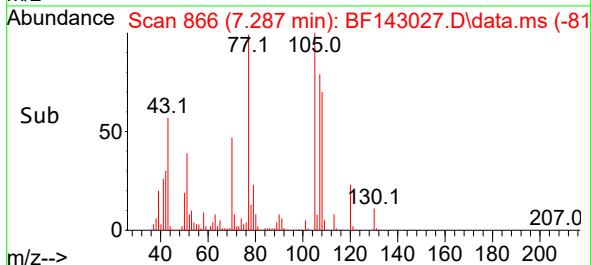
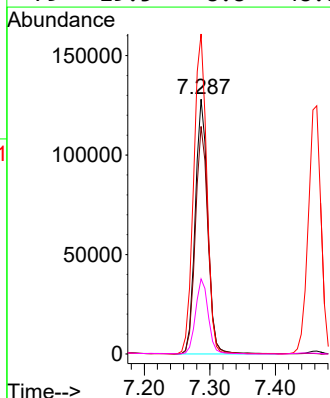
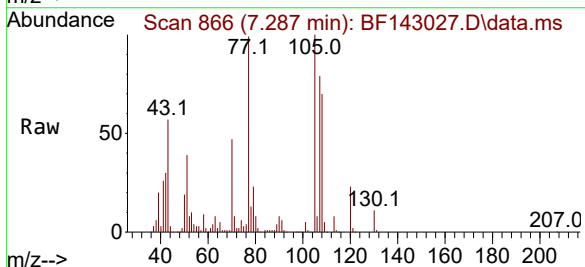
Instrument :
BNA_F
ClientSampleId :
PB168716BS

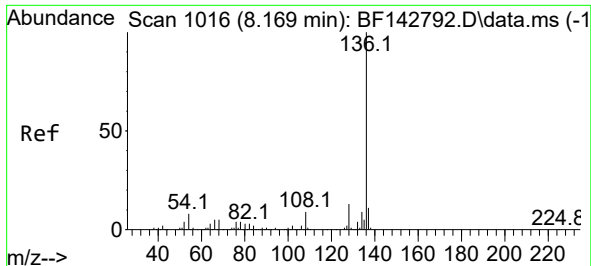
Tgt Ion: 70 Resp: 111074
Ion Ratio Lower Upper
70 100
42 63.7 52.1 78.1
101 10.6 8.2 12.2
130 22.9 18.2 27.2



#20
3+4-Methylphenols
Concen: 47.709 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion:107 Resp: 170879
Ion Ratio Lower Upper
107 100
108 89.3 70.0 110.0
77 125.7 98.5 138.5
79 29.5 8.8 48.8



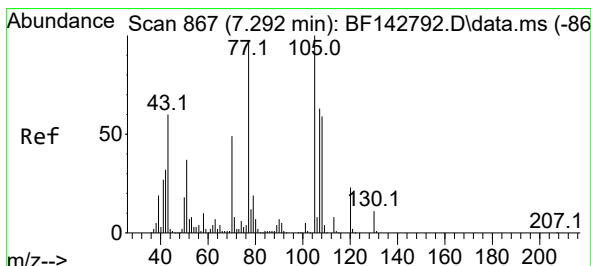
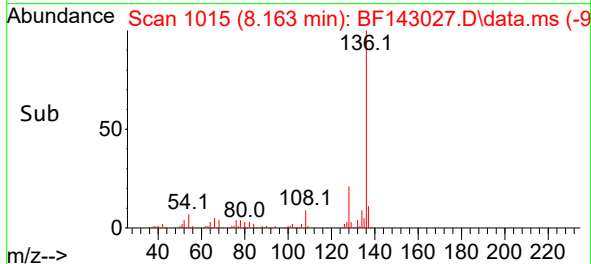
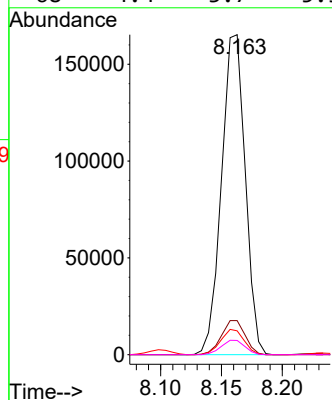
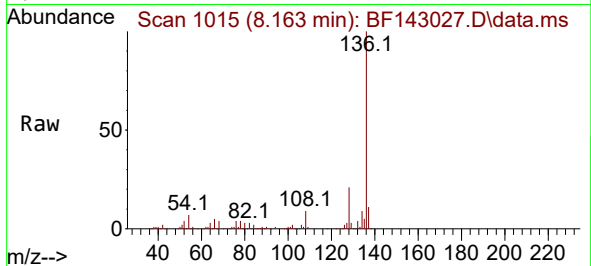


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Instrument :
BNA_F
ClientSampleId :
PB168716BS

Tgt Ion:136 Resp: 224473

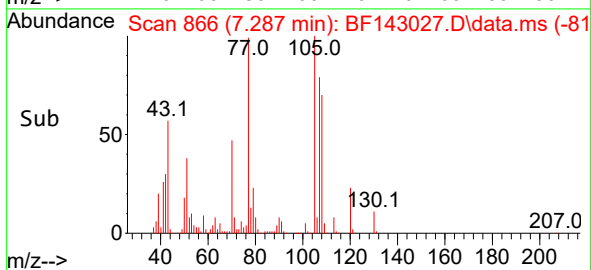
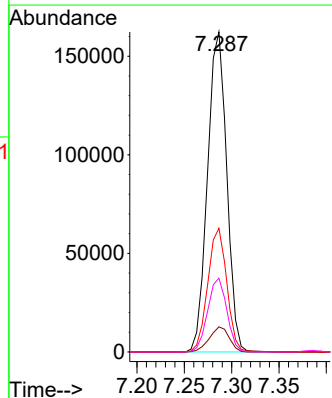
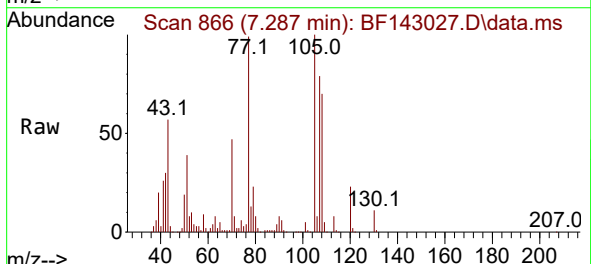
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	7.5	6.3	9.5
68	4.4	3.7	5.5

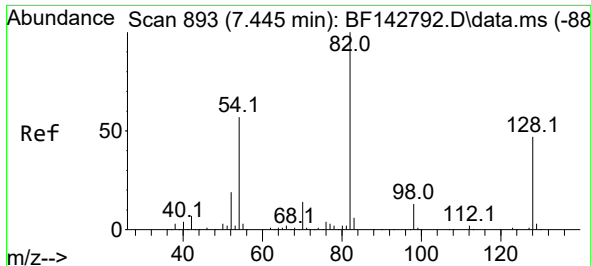


#22
Acetophenone
Concen: 46.259 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion:105 Resp: 228983

Ion	Ratio	Lower	Upper
105	100		
71	7.9	6.5	9.7
51	38.6	29.8	44.8
120	23.0	18.2	27.2

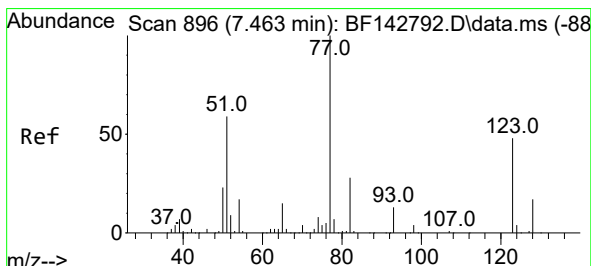
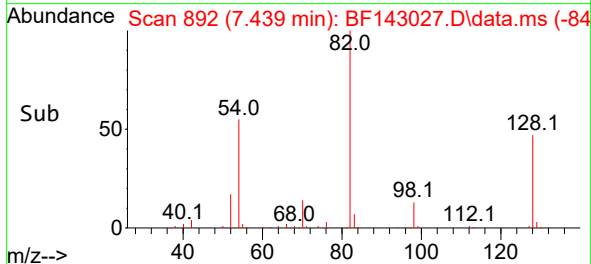
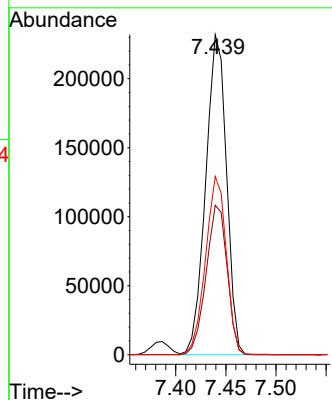
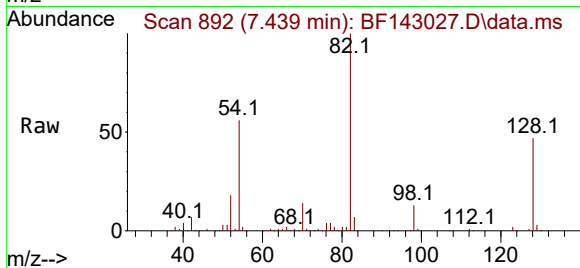




#23
Nitrobenzene-d5
Concen: 81.989 ng
RT: 7.439 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

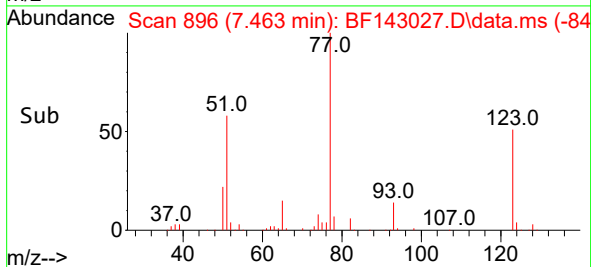
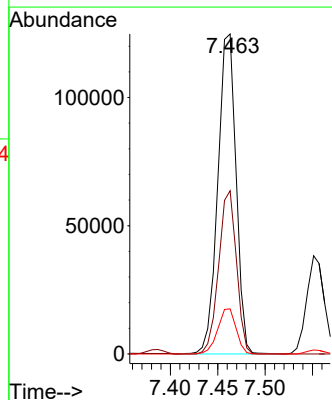
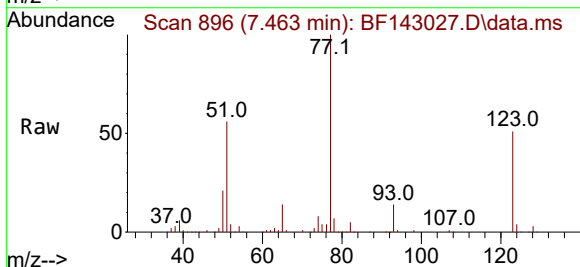
Instrument :
BNA_F
ClientSampleId :
PB168716BS

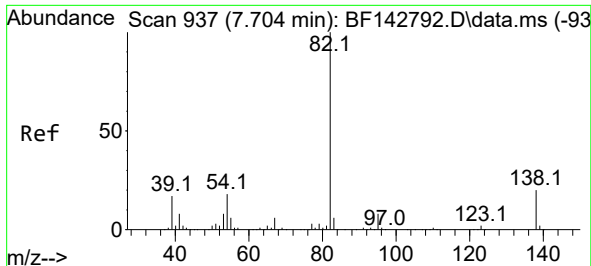
Tgt Ion: 82 Resp: 335535
Ion Ratio Lower Upper
82 100
128 46.7 37.7 56.5
54 55.7 45.7 68.5



#24
Nitrobenzene
Concen: 45.257 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion: 77 Resp: 167633
Ion Ratio Lower Upper
77 100
123 51.0 39.2 58.8
65 14.1 11.6 17.4

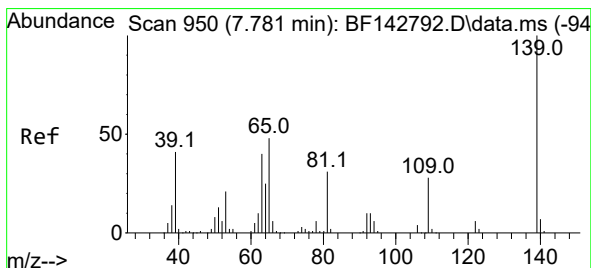
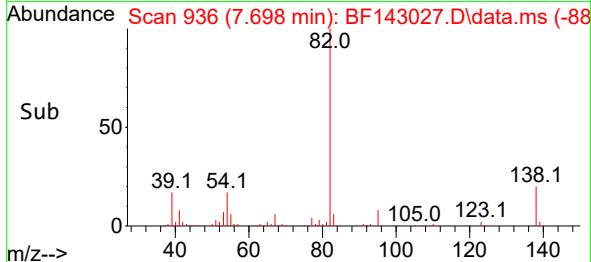
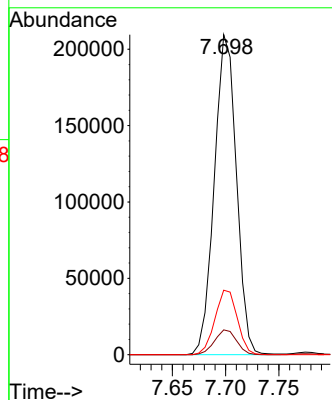
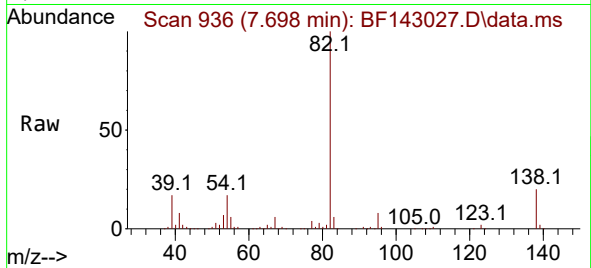




#25
Isophorone
Concen: 45.949 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

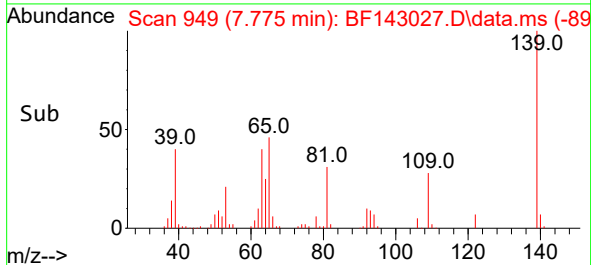
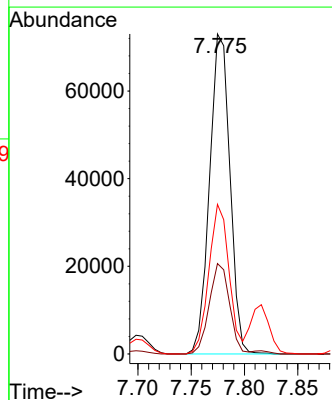
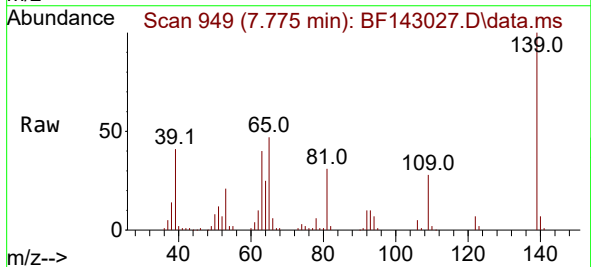
Instrument :
BNA_F
ClientSampleId :
PB168716BS

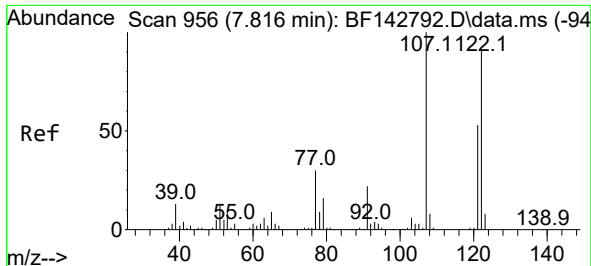
Tgt Ion: 82 Resp: 301651
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 20.2 16.2 24.4



#26
2-Nitrophenol
Concen: 48.085 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion:139 Resp: 97023
Ion Ratio Lower Upper
139 100
109 28.3 22.7 34.1
65 46.8 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 45.799 ng m

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143027.D

Acq: 08 Jul 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168716BS

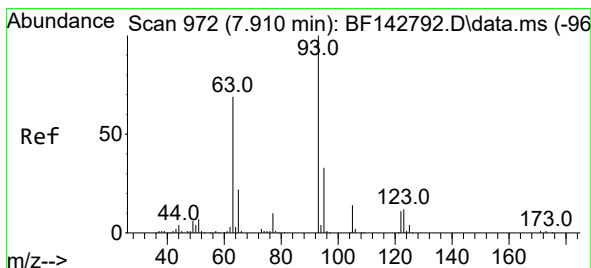
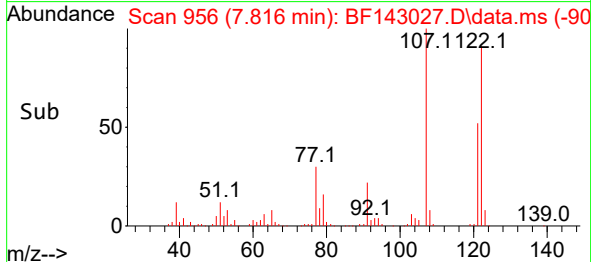
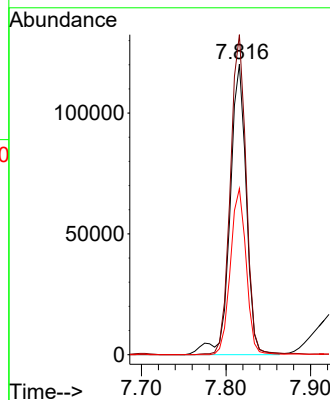
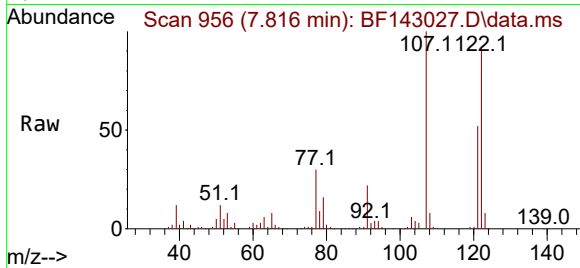
Tgt Ion:122 Resp: 160072

Ion Ratio Lower Upper

122 100

107 110.1 88.0 132.0

121 57.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 45.551 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF143027.D

Acq: 08 Jul 2025 11:54

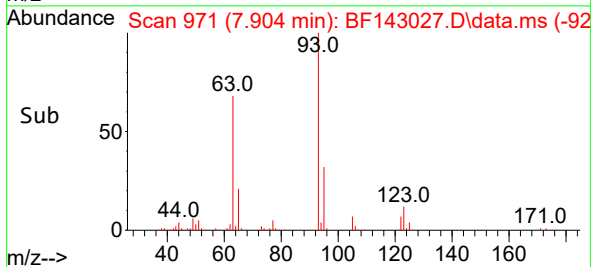
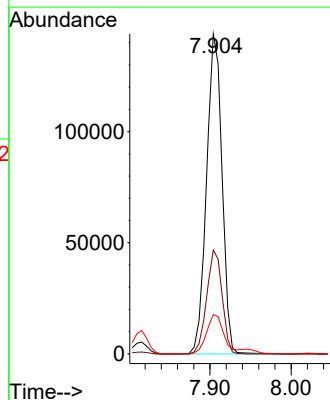
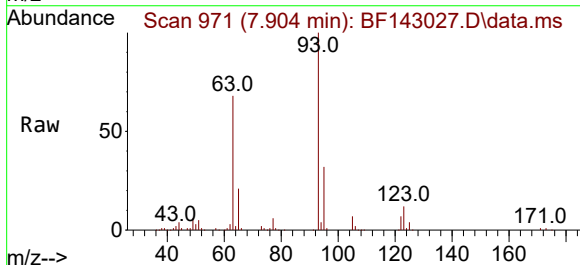
Tgt Ion: 93 Resp: 190115

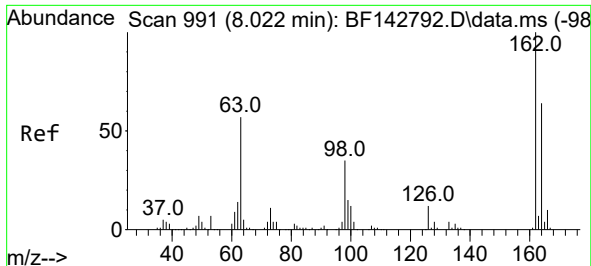
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.2

123 12.4 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 46.304 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143027.D

Acq: 08 Jul 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168716BS

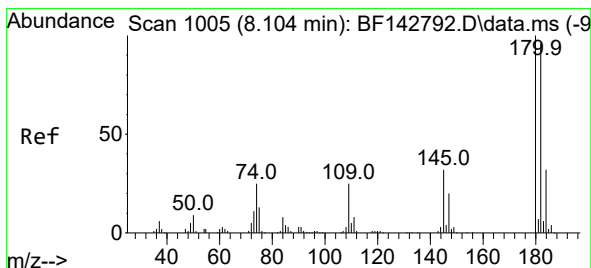
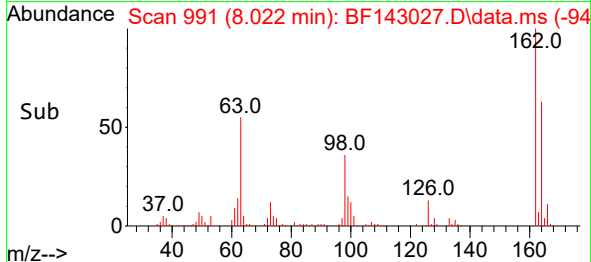
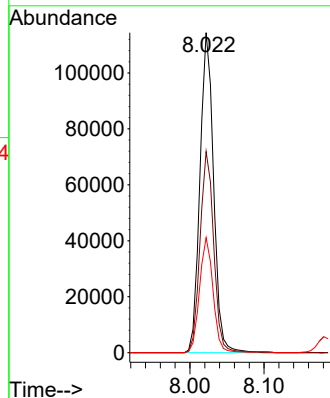
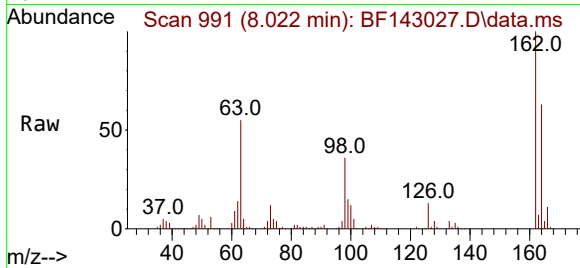
Tgt Ion:162 Resp: 146741

Ion Ratio Lower Upper

162 100

164 62.8 44.0 84.0

98 35.9 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 44.953 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF143027.D

Acq: 08 Jul 2025 11:54

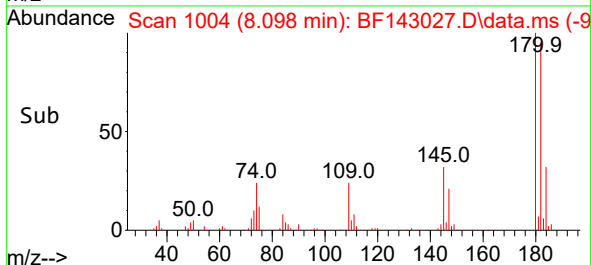
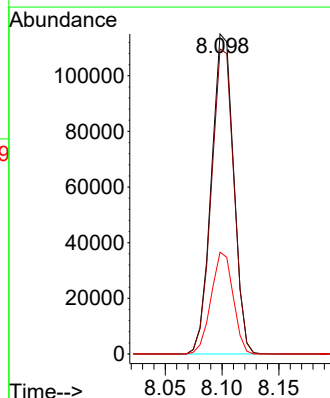
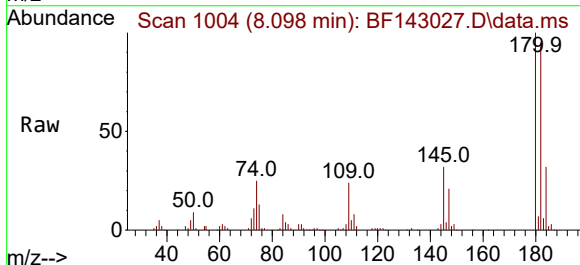
Tgt Ion:180 Resp: 156650

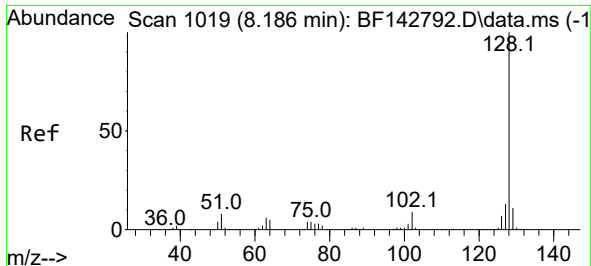
Ion Ratio Lower Upper

180 100

182 95.3 76.4 114.6

145 31.8 25.8 38.8

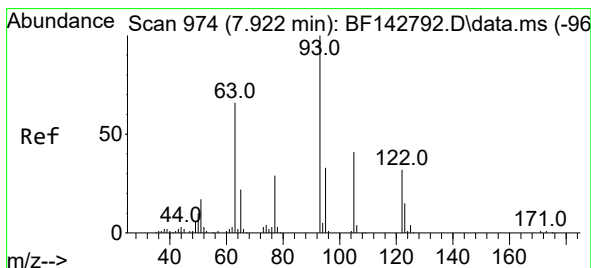
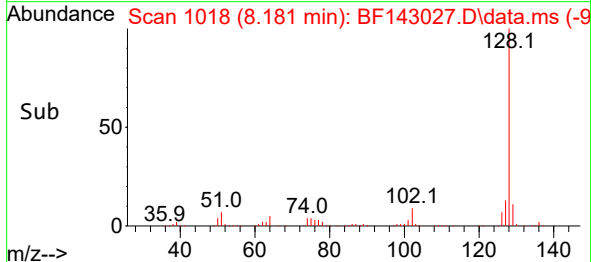
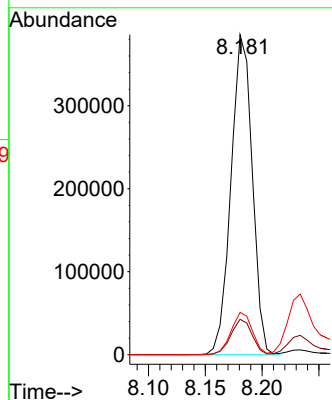
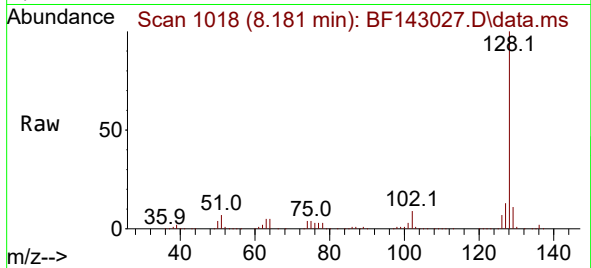




#31
Naphthalene
Concen: 45.756 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

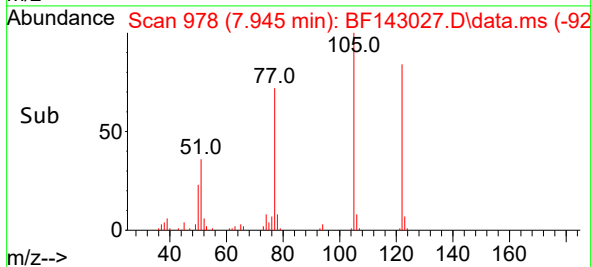
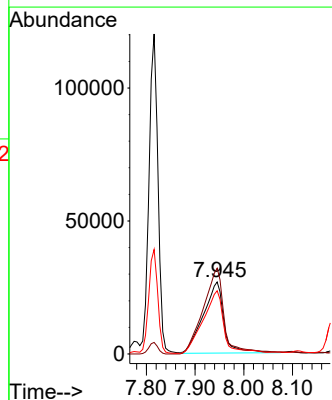
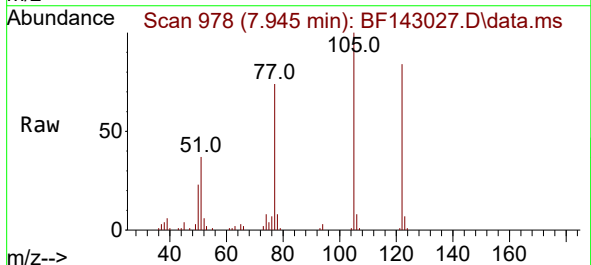
Instrument :
BNA_F
ClientSampleId :
PB168716BS

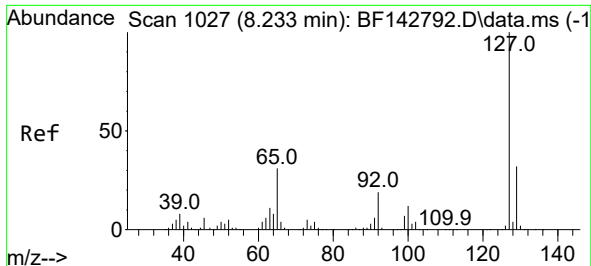
Tgt Ion:128 Resp: 502748
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 44.348 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.024 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion:122 Resp: 79001
Ion Ratio Lower Upper
122 100
105 119.3 104.7 144.7
77 87.8 70.2 110.2

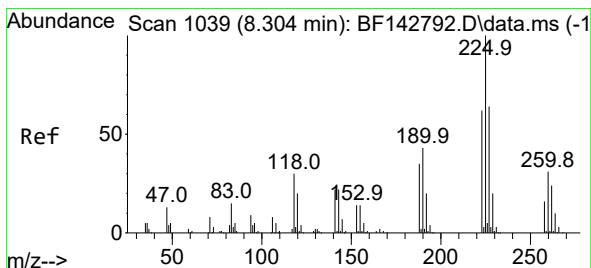
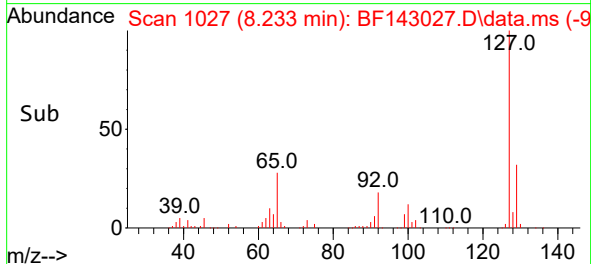
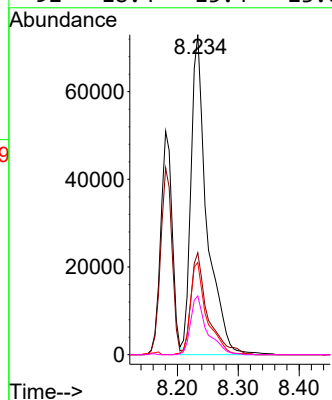
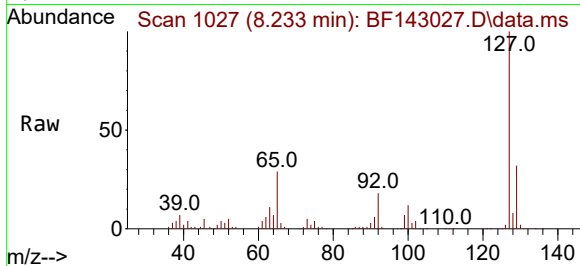




#33
4-Chloroaniline
Concen: 29.852 ng
RT: 8.233 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

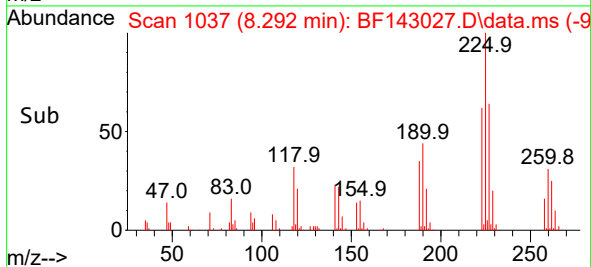
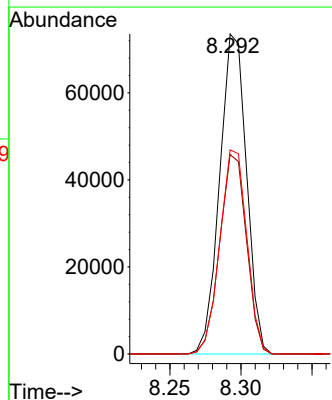
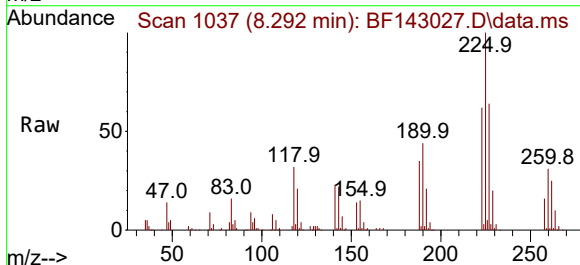
Instrument :
BNA_F
ClientSampleId :
PB168716BS

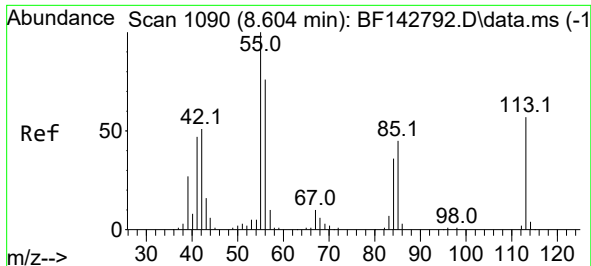
Tgt Ion:127	Resp:	133370
Ion	Ratio	Lower Upper
127	100	
129	31.9	25.9 38.9
65	28.8	24.6 36.8
92	18.4	15.4 23.0



#34
Hexachlorobutadiene
Concen: 45.382 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion:225	Resp:	96733
Ion	Ratio	Lower Upper
225	100	
223	62.3	49.9 74.9
227	63.8	51.4 77.0





#35

Caprolactam

Concen: 52.126 ng m

RT: 8.610 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF143027.D

Acq: 08 Jul 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168716BS

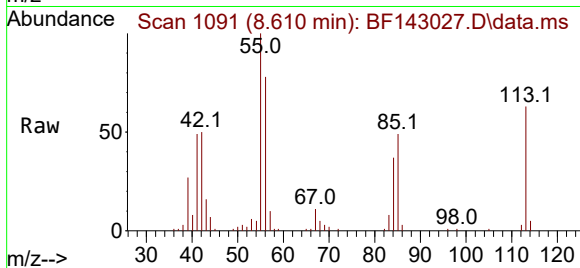
Tgt Ion:113 Resp: 43590

Ion Ratio Lower Upper

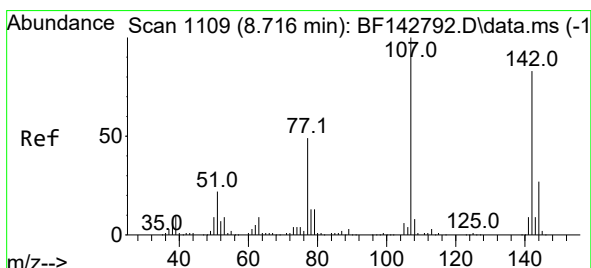
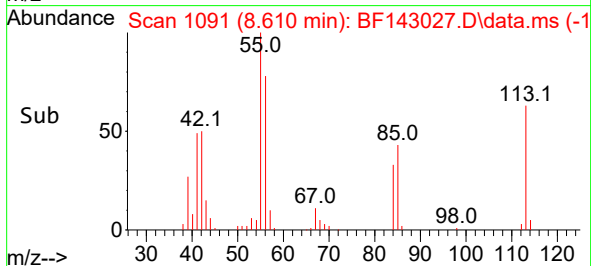
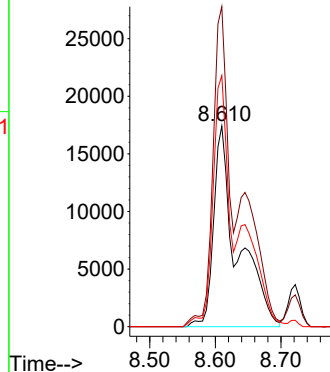
113 100

55 159.5 154.4 194.4

56 125.1 112.1 152.1



Abundance



#36

4-Chloro-3-methylphenol

Concen: 47.763 ng

RT: 8.722 min Scan# 1110

Delta R.T. 0.006 min

Lab File: BF143027.D

Acq: 08 Jul 2025 11:54

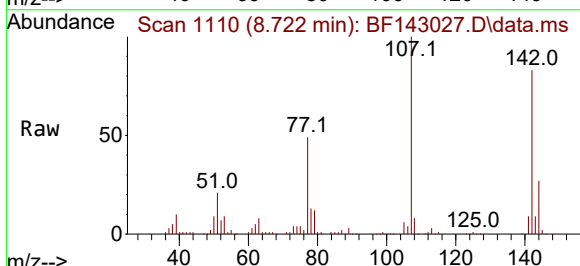
Tgt Ion:107 Resp: 150432

Ion Ratio Lower Upper

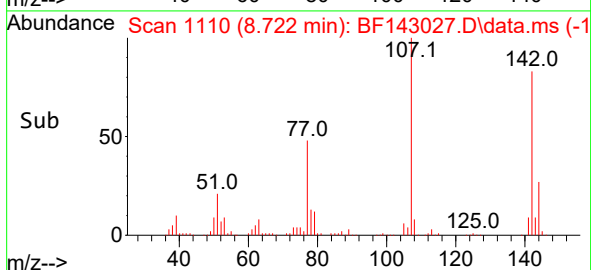
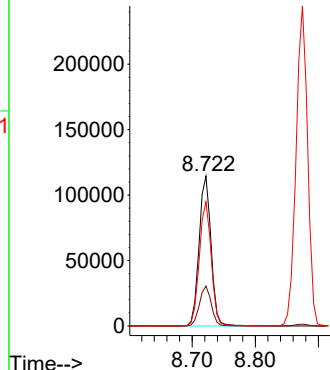
107 100

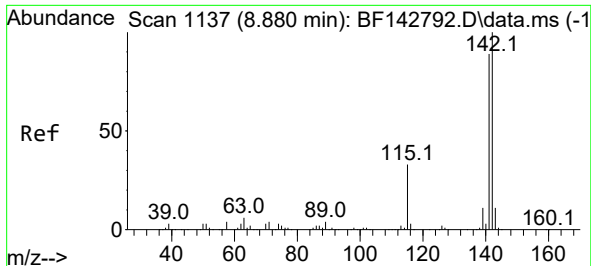
144 26.6 21.3 31.9

142 82.9 66.6 100.0



Abundance

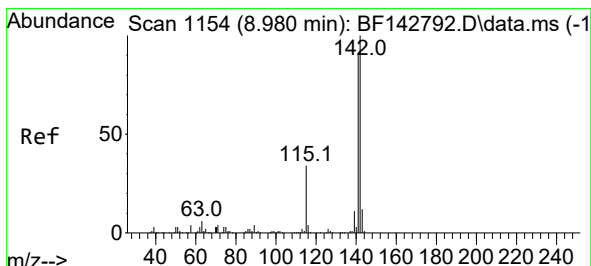
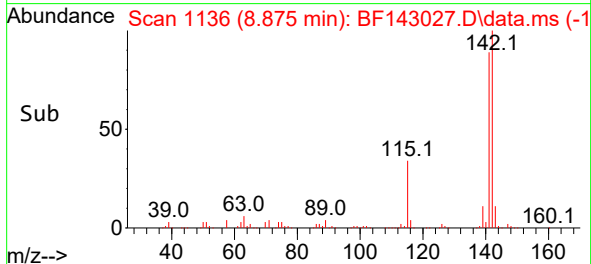
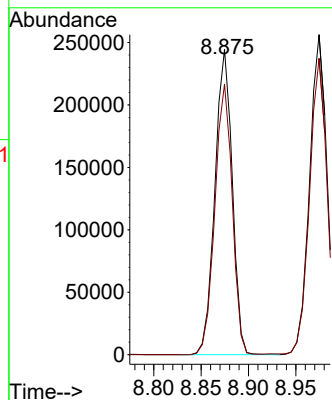
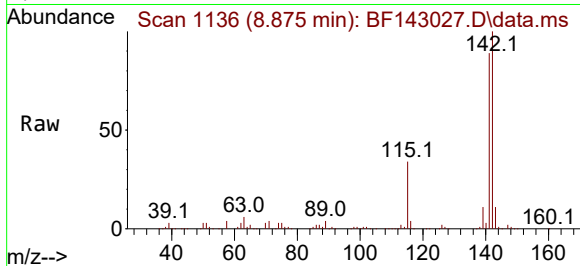




#37
2-Methylnaphthalene
Concen: 45.697 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

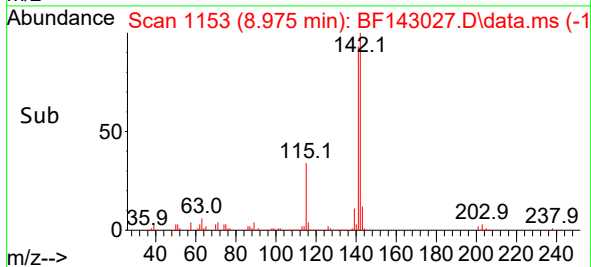
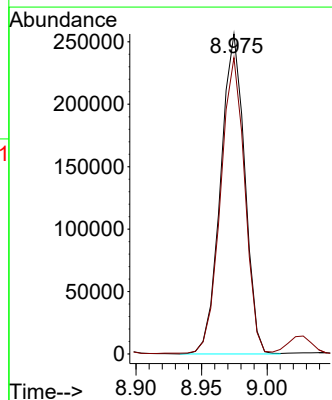
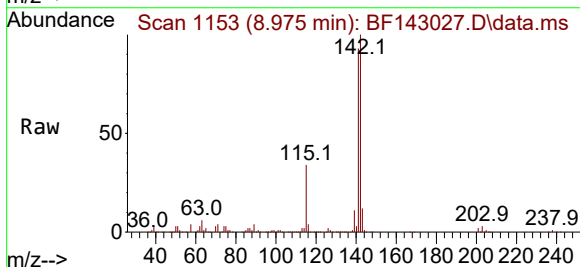
Instrument :
BNA_F
ClientSampleId :
PB168716BS

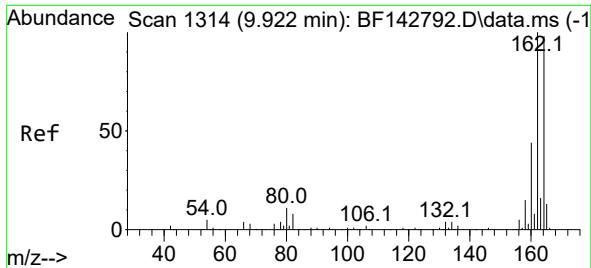
Tgt Ion:142 Resp: 311283
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3



#38
1-Methylnaphthalene
Concen: 46.432 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion:142 Resp: 327419
Ion Ratio Lower Upper
142 100
141 92.6 73.0 109.4

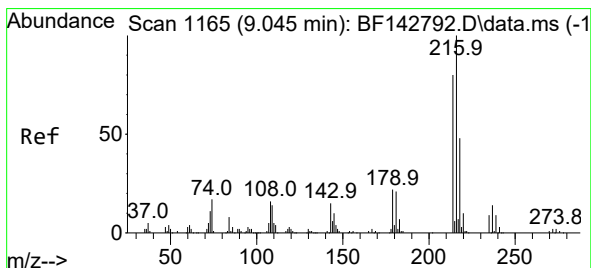
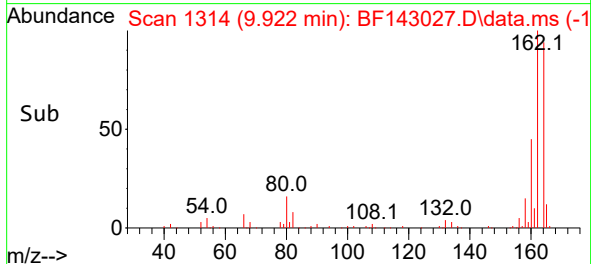
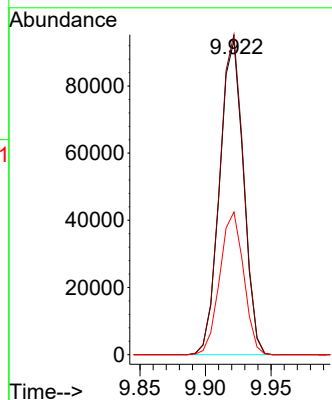
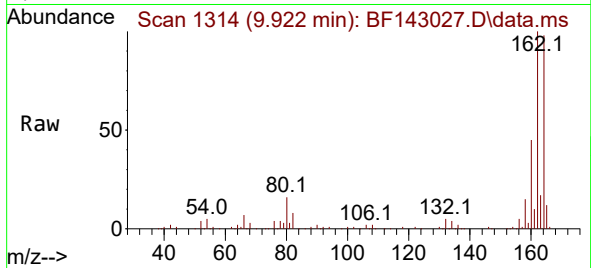




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 117882
Delta R.T. 0.000 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

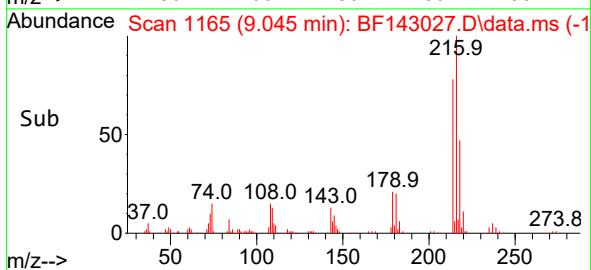
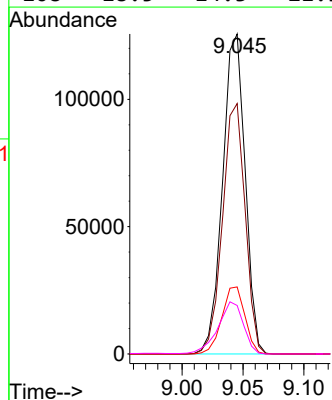
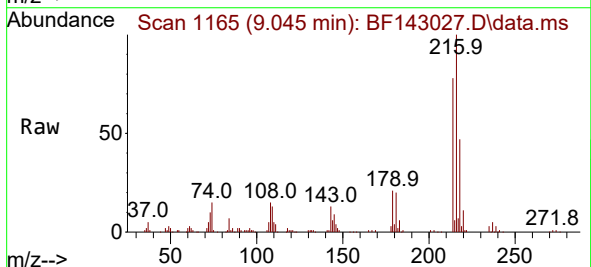
Instrument :
BNA_F
ClientSampleId :
PB168716BS

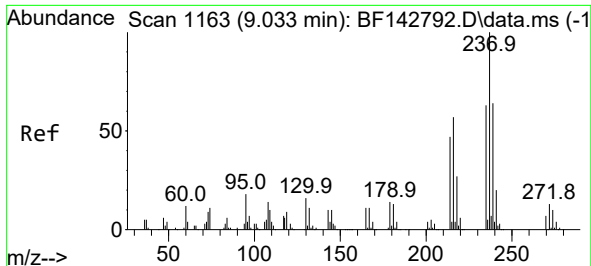
Tgt Ion:	164	Resp:	117882
Ion Ratio	Lower	Upper	
164	100		
162	101.9	81.8	122.8
160	45.5	36.0	54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.563 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

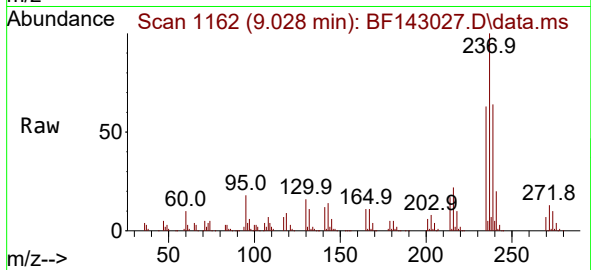
Tgt Ion:	216	Resp:	161961
Ion Ratio	Lower	Upper	
216	100		
214	78.5	63.7	95.5
179	21.4	17.6	26.4
108	18.5	14.3	21.5



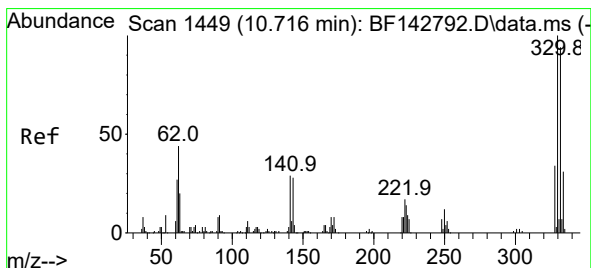
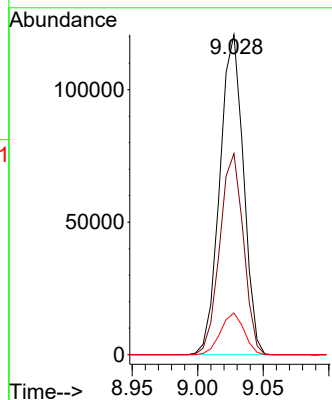
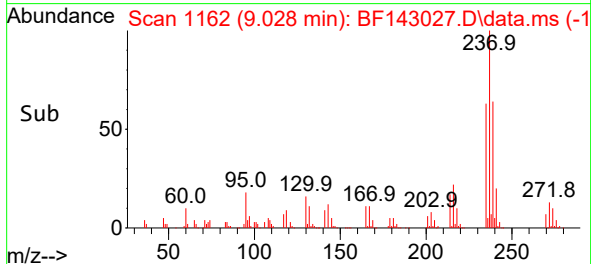


#41
Hexachlorocyclopentadiene
Concen: 76.605 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

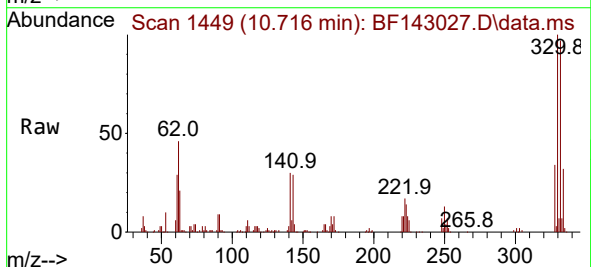
Instrument :
BNA_F
ClientSampleId :
PB168716BS



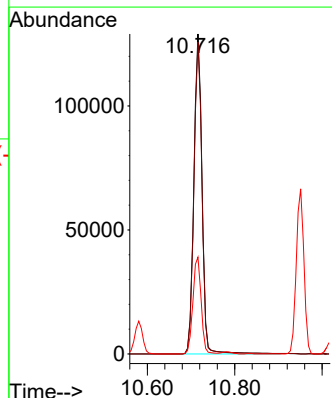
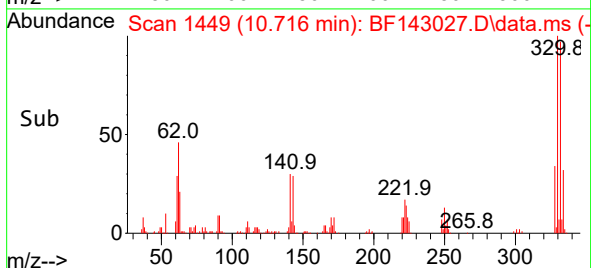
Tgt Ion:237 Resp: 151208
Ion Ratio Lower Upper
237 100
235 62.9 43.4 83.4
272 13.0 0.0 32.7

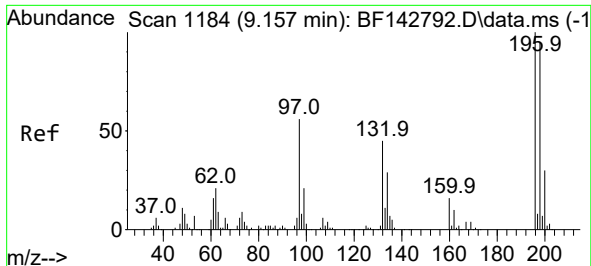


#42
2,4,6-Tribromophenol
Concen: 137.870 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54



Tgt Ion:330 Resp: 167248
Ion Ratio Lower Upper
330 100
332 96.9 75.0 112.6
141 30.5 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 45.665 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143027.D

Acq: 08 Jul 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168716BS

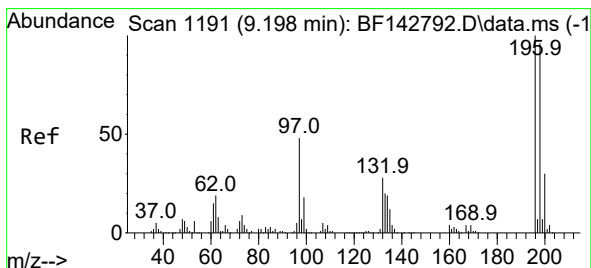
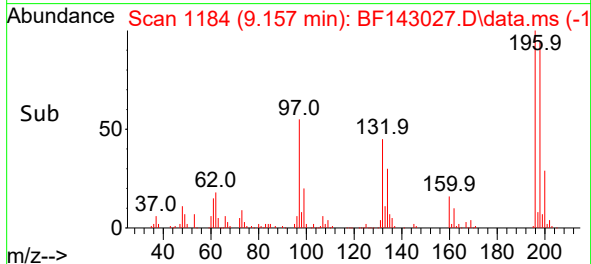
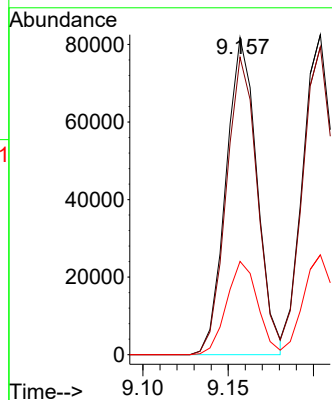
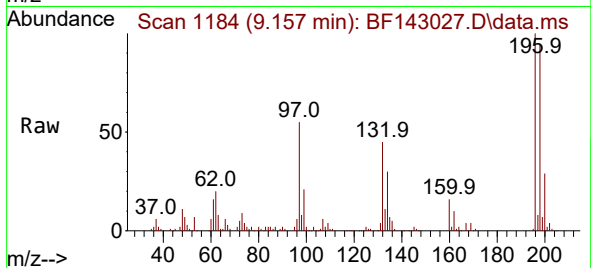
Tgt Ion:196 Resp: 103502

Ion Ratio Lower Upper

196 100

198 93.7 76.2 114.2

200 29.4 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 45.529 ng

RT: 9.204 min Scan# 1192

Delta R.T. 0.006 min

Lab File: BF143027.D

Acq: 08 Jul 2025 11:54

Tgt Ion:196 Resp: 108629

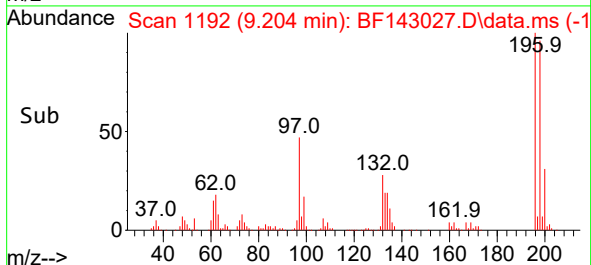
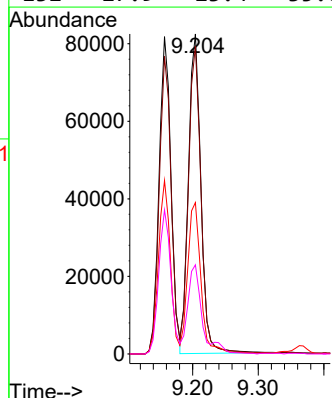
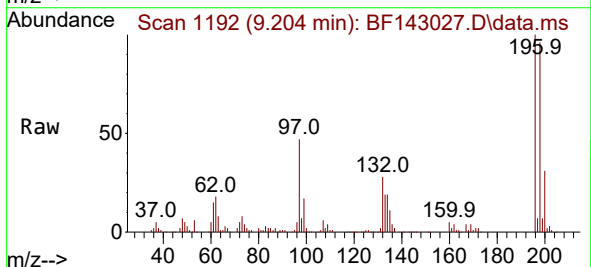
Ion Ratio Lower Upper

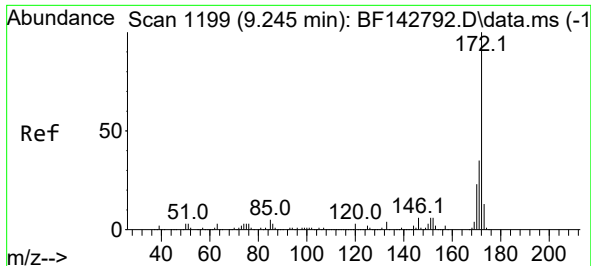
196 100

198 96.2 76.6 115.0

97 47.3 38.2 57.2

132 27.9 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 82.244 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF143027.D

Acq: 08 Jul 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168716BS

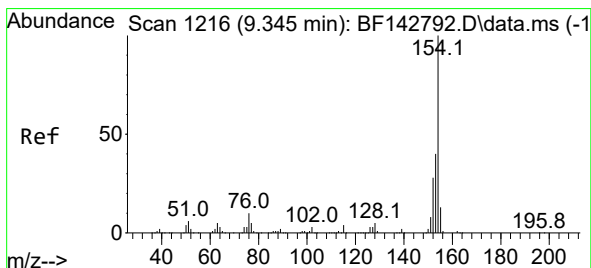
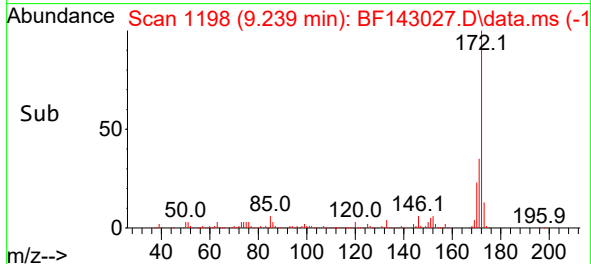
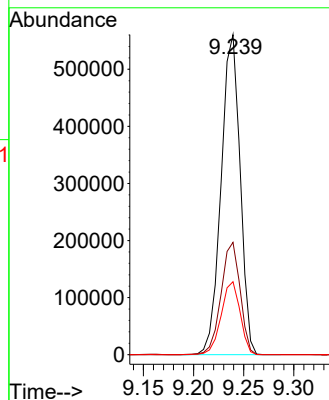
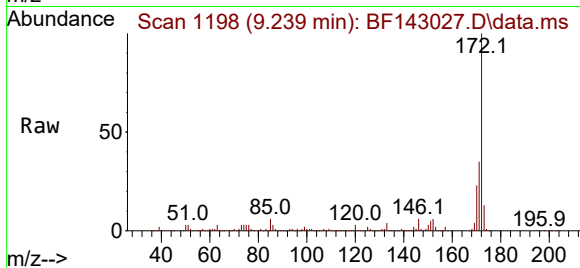
Tgt Ion:172 Resp: 738017

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 22.8 18.5 27.7



#46

1,1'-Biphenyl

Concen: 47.009 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF143027.D

Acq: 08 Jul 2025 11:54

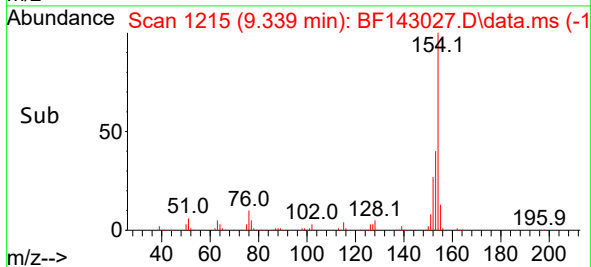
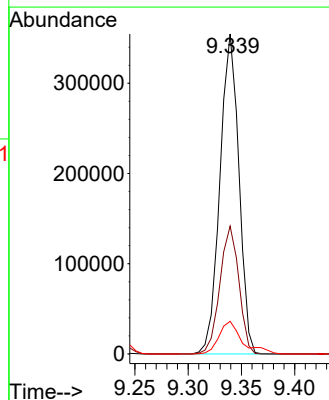
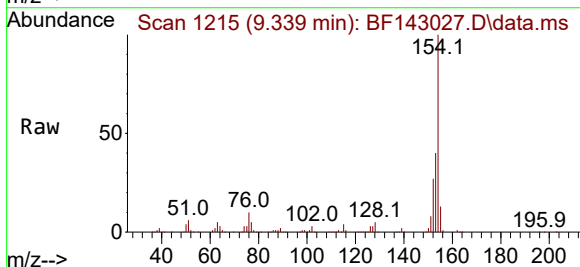
Tgt Ion:154 Resp: 437747

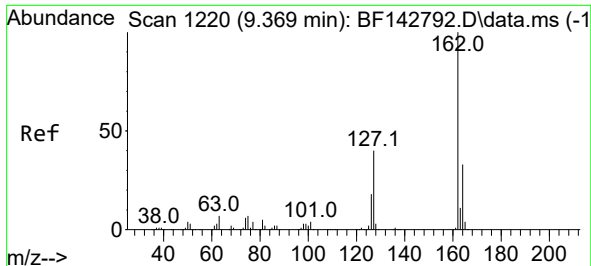
Ion Ratio Lower Upper

154 100

153 39.9 20.3 60.3

76 10.2 0.0 30.3

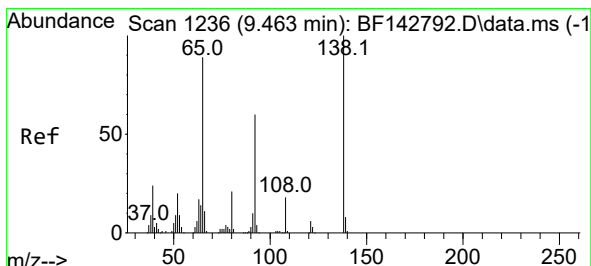
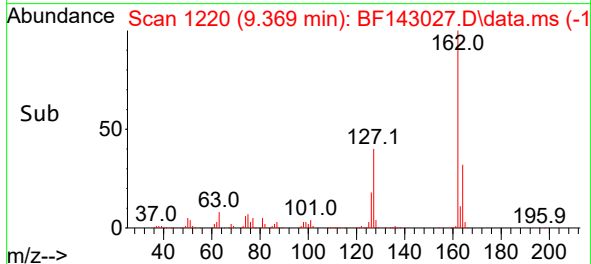
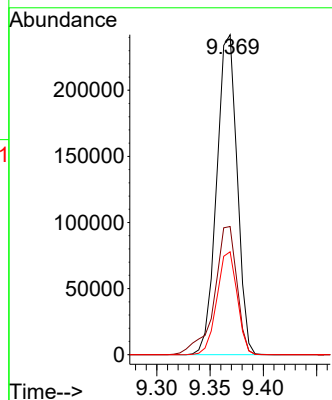
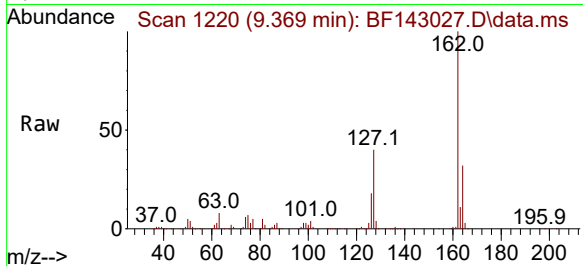




#47
2-Chloronaphthalene
Concen: 46.088 ng
RT: 9.369 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

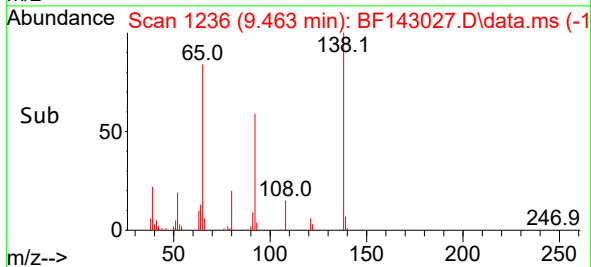
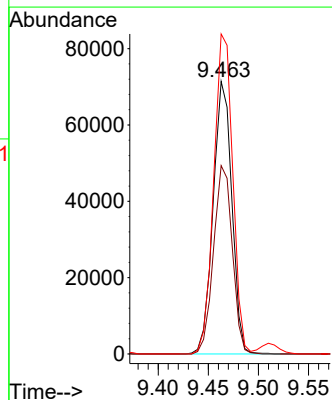
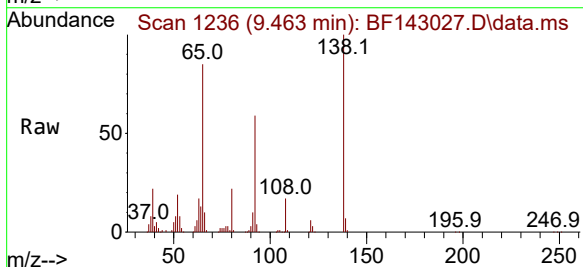
Instrument :
BNA_F
ClientSampleId :
PB168716BS

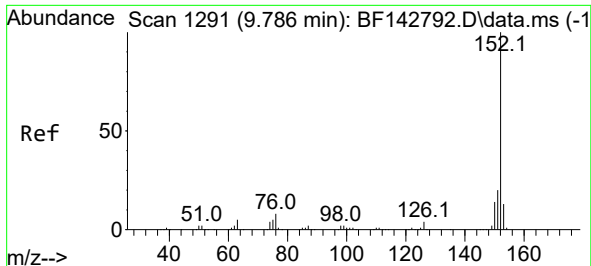
Tgt Ion:162 Resp: 322065
Ion Ratio Lower Upper
162 100
127 40.1 32.2 48.2
164 32.1 26.1 39.1



#48
2-Nitroaniline
Concen: 47.342 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion: 65 Resp: 92748
Ion Ratio Lower Upper
65 100
92 69.1 53.8 80.6
138 117.4 89.6 134.4





#49

Acenaphthylene

Concen: 46.539 ng

RT: 9.780 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF143027.D

Acq: 08 Jul 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168716BS

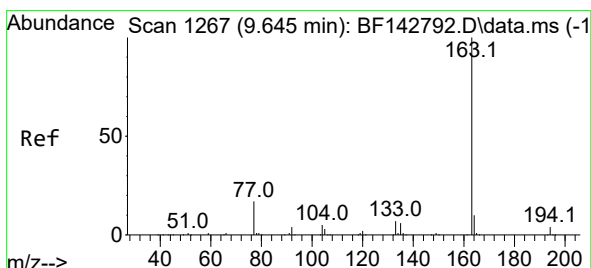
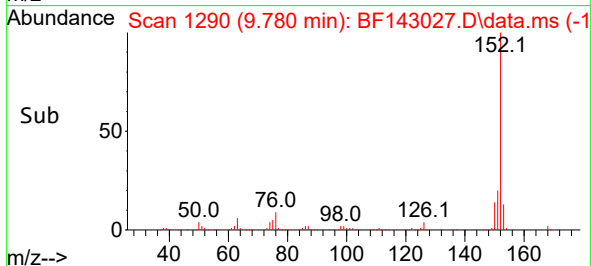
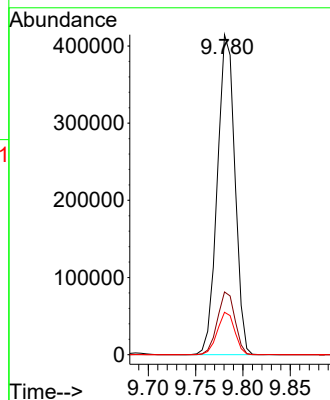
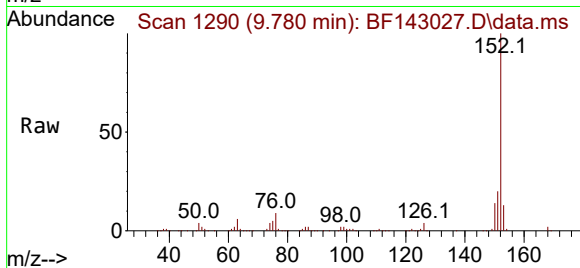
Tgt Ion:152 Resp: 535374

Ion Ratio Lower Upper

152 100

151 19.6 16.1 24.1

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 48.678 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF143027.D

Acq: 08 Jul 2025 11:54

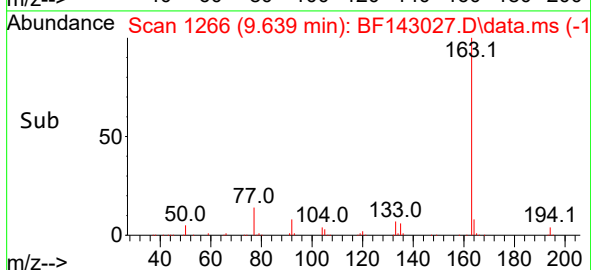
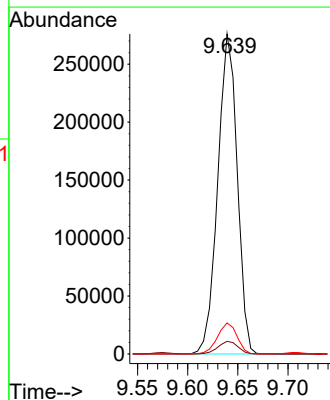
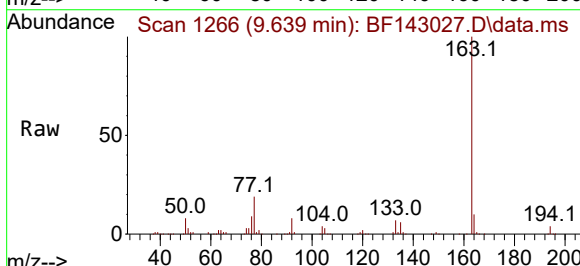
Tgt Ion:163 Resp: 371441

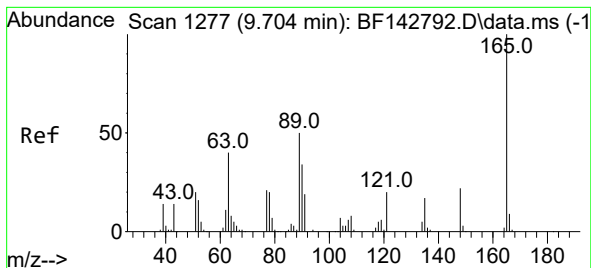
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.7 8.0 12.0

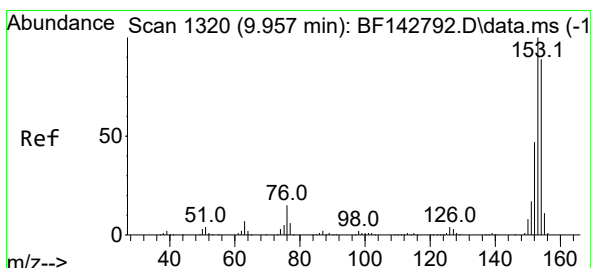
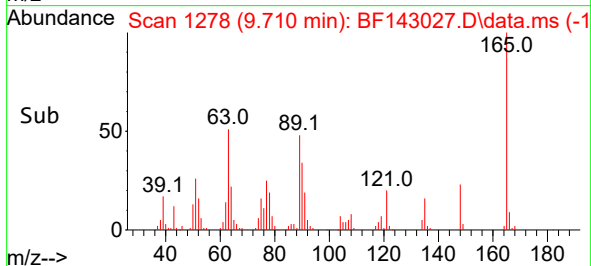
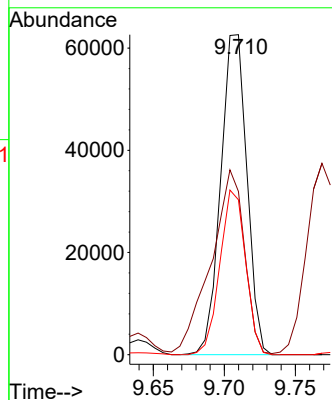
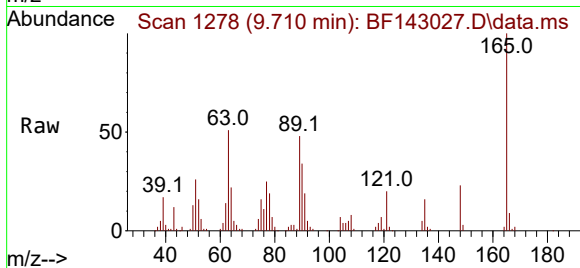




#51
2,6-Dinitrotoluene
Concen: 48.007 ng
RT: 9.710 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

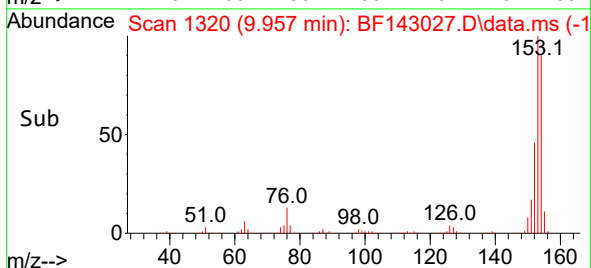
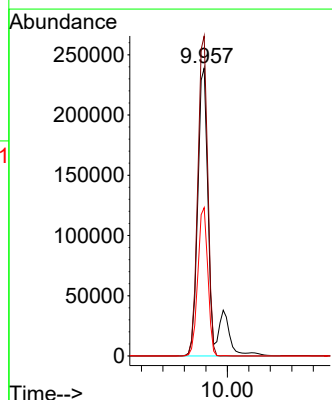
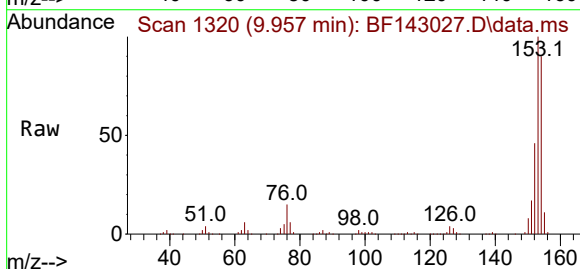
Instrument :
BNA_F
ClientSampleId :
PB168716BS

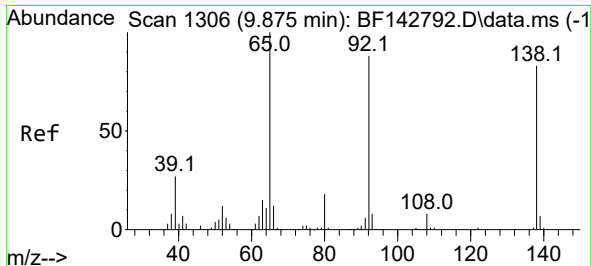
Tgt Ion:165 Resp: 80447
Ion Ratio Lower Upper
165 100
63 51.0 44.2 66.4
89 48.4 39.8 59.8



#52
Acenaphthene
Concen: 51.998 ng m
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion:154 Resp: 364959
Ion Ratio Lower Upper
154 100
153 111.1 90.0 135.0
152 51.5 41.9 62.9

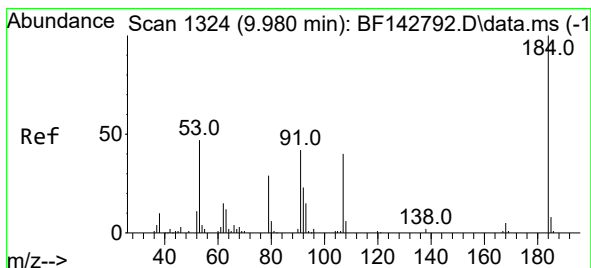
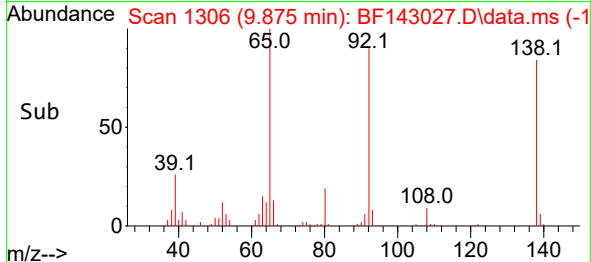
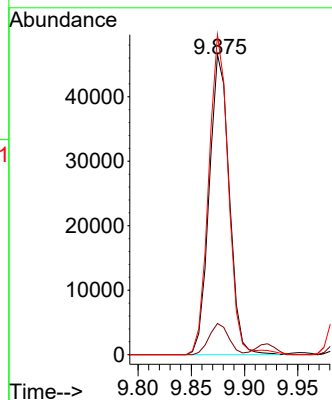
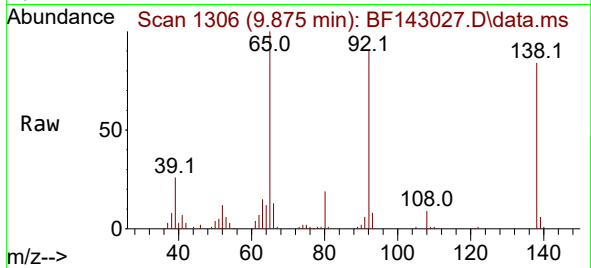




#53
3-Nitroaniline
Concen: 32.959 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

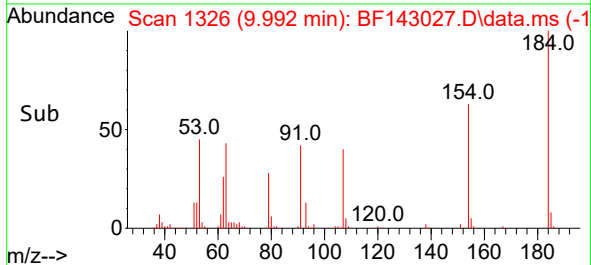
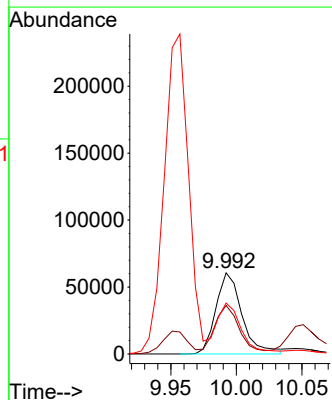
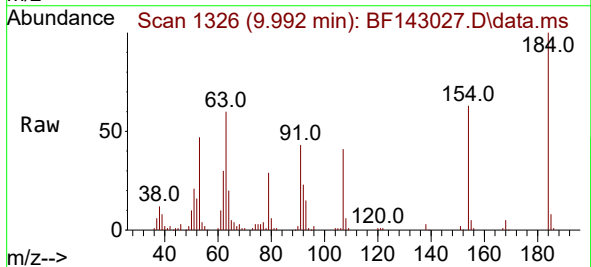
Instrument :
BNA_F
ClientSampleId :
PB168716BS

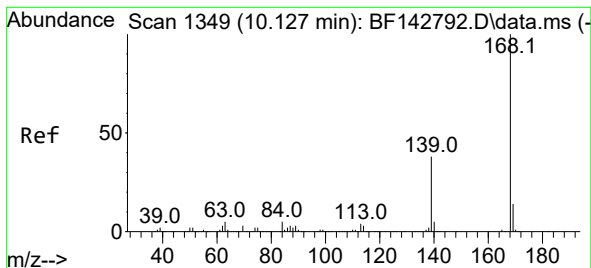
Tgt Ion:138 Resp: 60810
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 106.6 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 100.016 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion:184 Resp: 83921
Ion Ratio Lower Upper
184 100
63 59.8 50.6 75.8
154 62.8 51.8 77.8

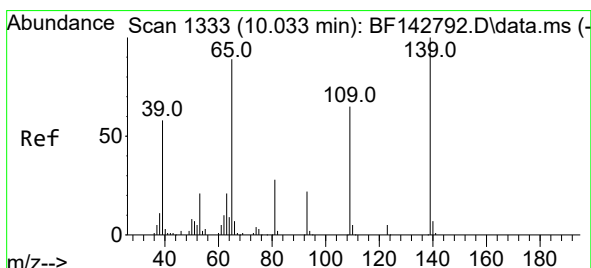
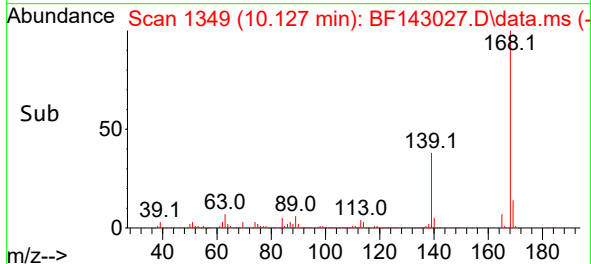
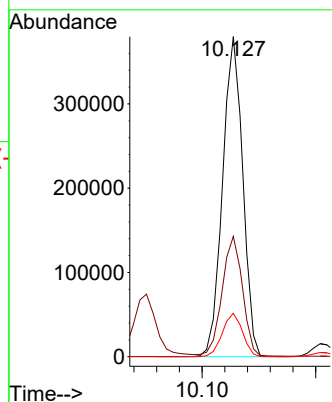
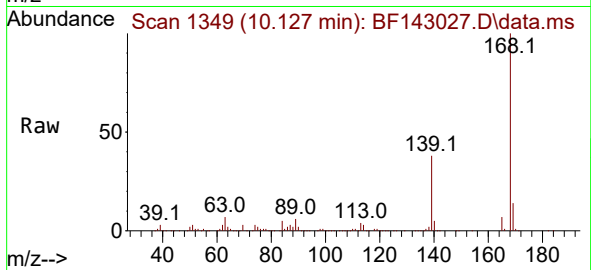




#55
Dibenzofuran
Concen: 46.490 ng
RT: 10.127 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

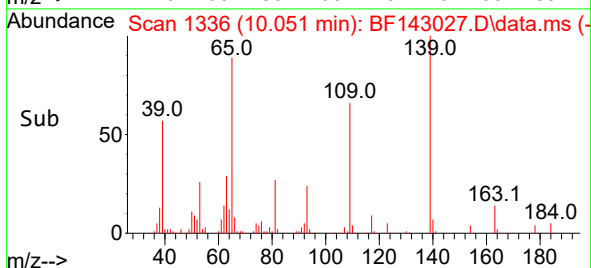
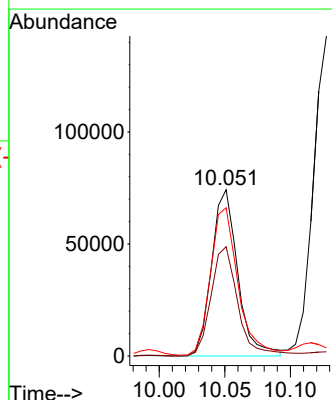
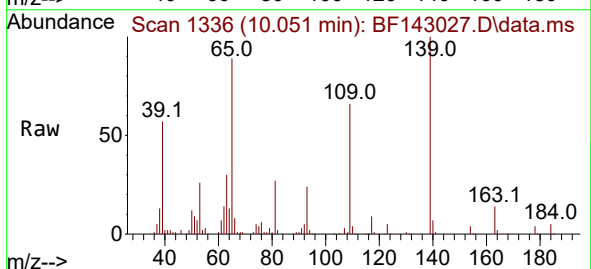
Instrument :
BNA_F
ClientSampleId :
PB168716BS

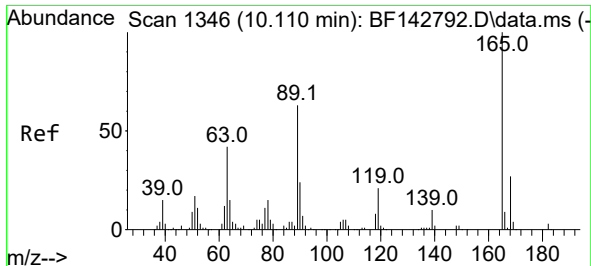
Tgt Ion:168 Resp: 467906
Ion Ratio Lower Upper
168 100
139 37.6 30.2 45.4
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 81.491 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.018 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion:139 Resp: 102931
Ion Ratio Lower Upper
139 100
109 65.8 44.7 84.7
65 89.1 69.8 109.8

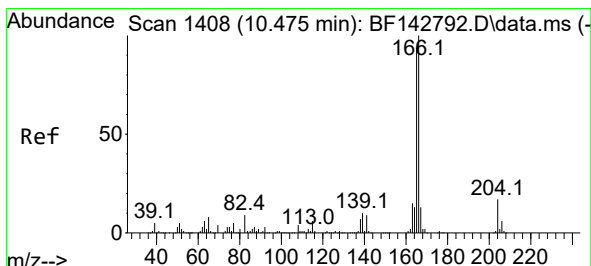
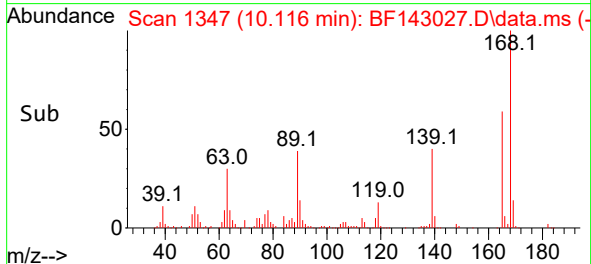
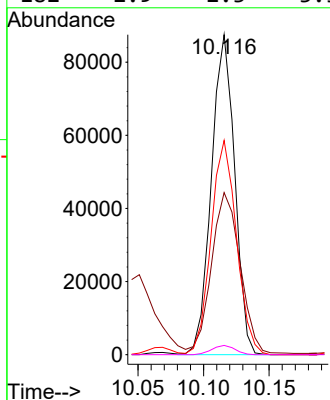
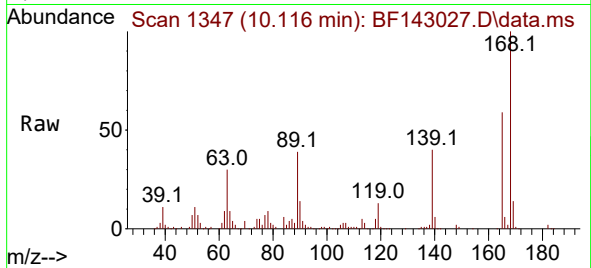




#57
2,4-Dinitrotoluene
Concen: 48.537 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

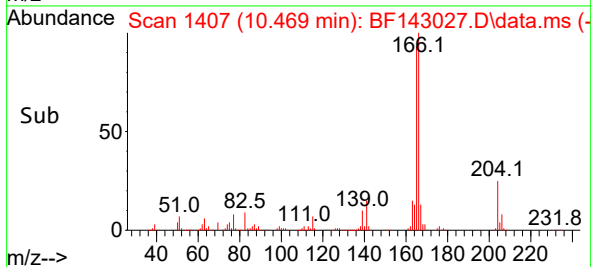
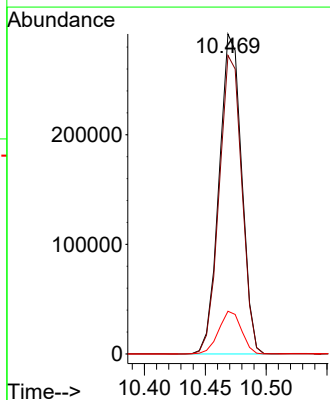
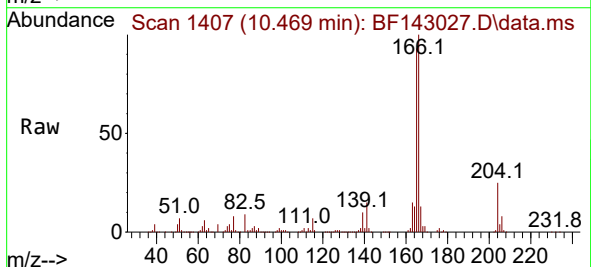
Instrument :
BNA_F
ClientSampleId :
PB168716BS

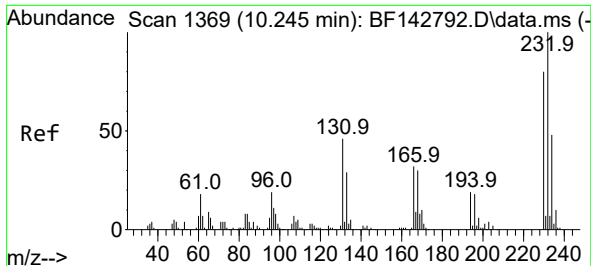
Tgt Ion:165 Resp: 108038
Ion Ratio Lower Upper
165 100
63 50.6 33.9 50.9
89 67.0 50.6 75.8
182 2.9 2.3 3.5



#58
Fluorene
Concen: 47.875 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion:166 Resp: 376316
Ion Ratio Lower Upper
166 100
165 93.3 75.2 112.8
167 13.3 10.6 15.8

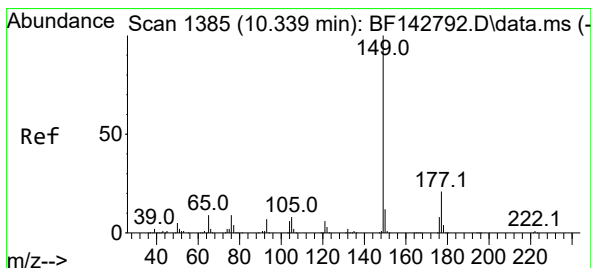
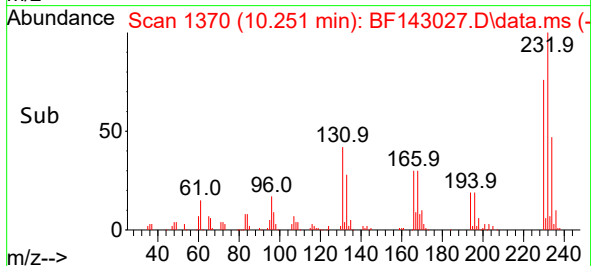
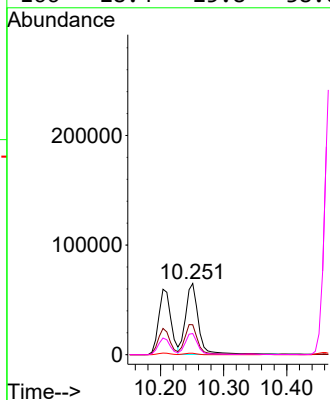
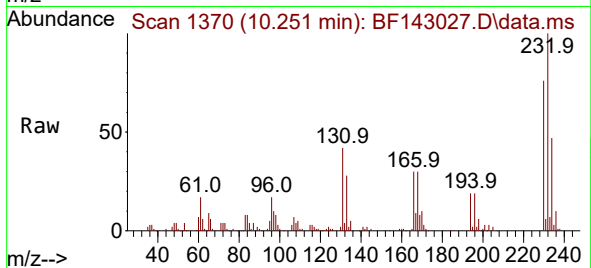




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.081 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

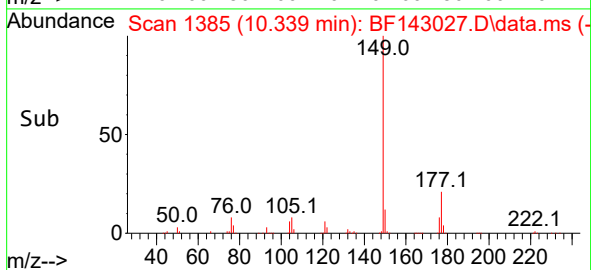
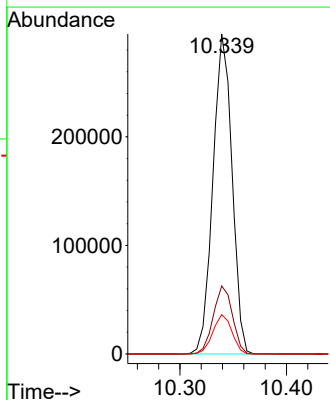
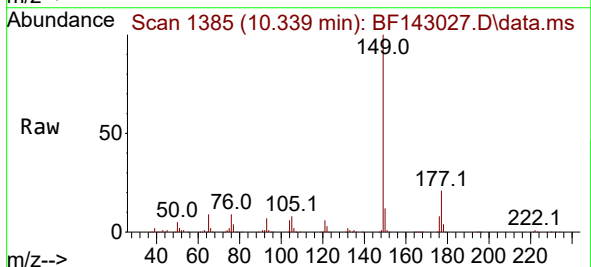
Instrument :
BNA_F
ClientSampleId :
PB168716BS

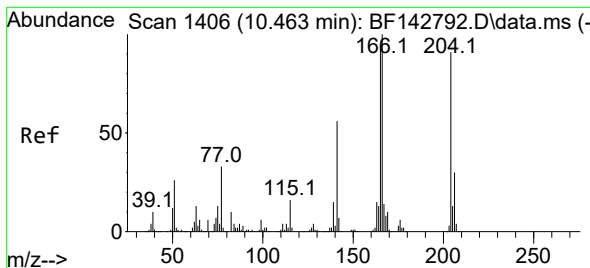
Tgt Ion:232 Resp: 90547
Ion Ratio Lower Upper
232 100
131 43.1 37.6 56.4
130 2.0 1.7 2.5
166 28.4 25.8 38.6



#60
Diethylphthalate
Concen: 49.066 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion:149 Resp: 367095
Ion Ratio Lower Upper
149 100
177 21.3 17.0 25.6
150 12.3 9.8 14.6

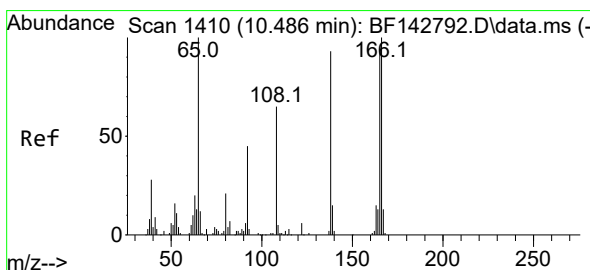
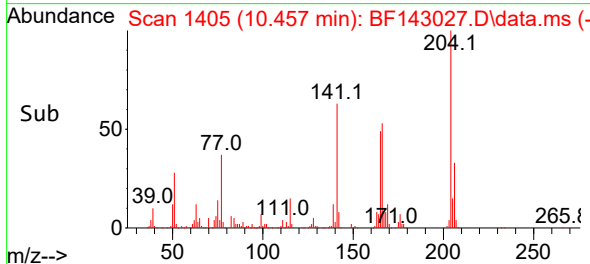
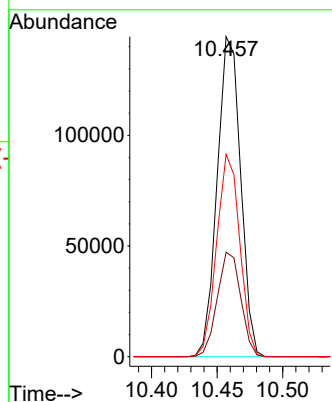
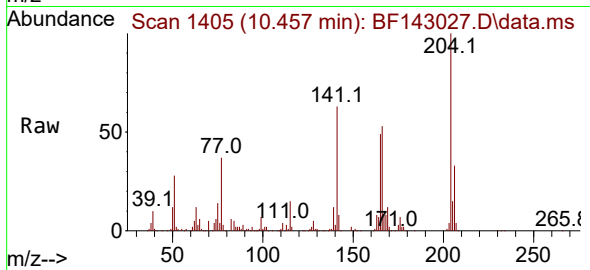




#61
4-Chlorophenyl-phenylether
Concen: 47.852 ng
RT: 10.457 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

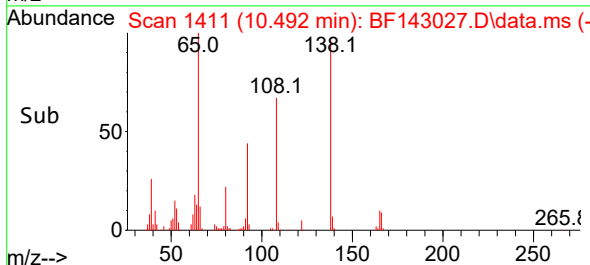
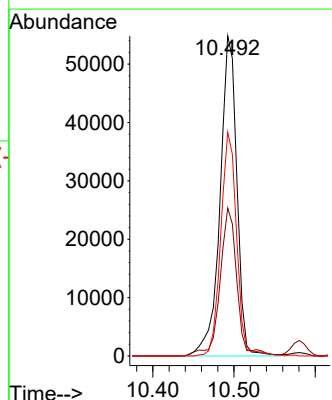
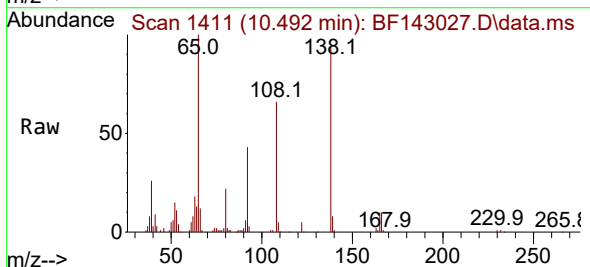
Instrument :
BNA_F
ClientSampleId :
PB168716BS

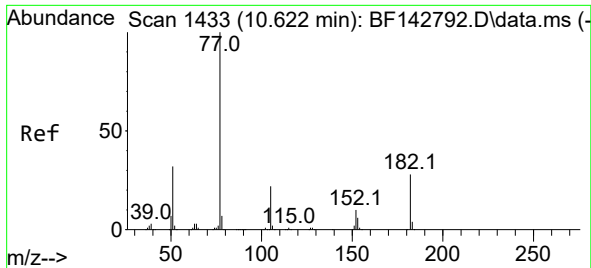
Tgt Ion:204 Resp: 179485
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 63.3 49.1 73.7



#62
4-Nitroaniline
Concen: 47.004 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion:138 Resp: 79314
Ion Ratio Lower Upper
138 100
92 46.2 28.4 68.4
108 69.9 50.2 90.2

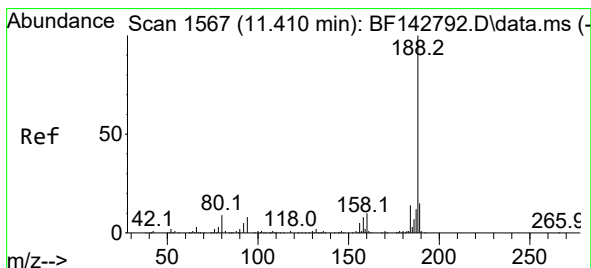
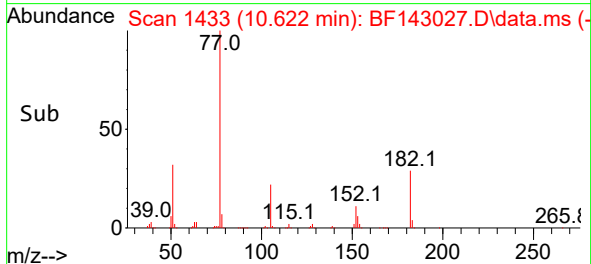
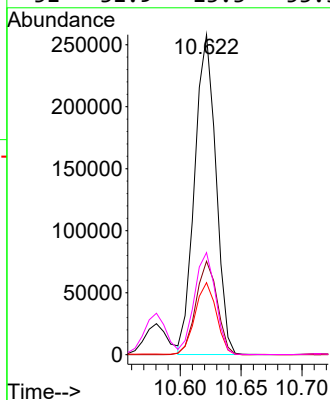
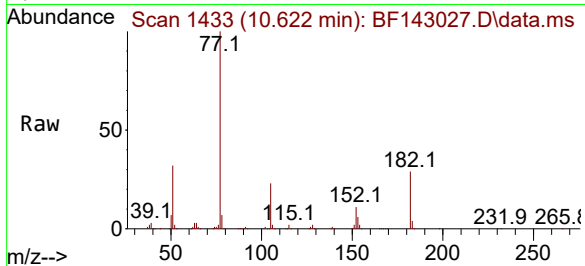




#63
Azobenzene
Concen: 46.670 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

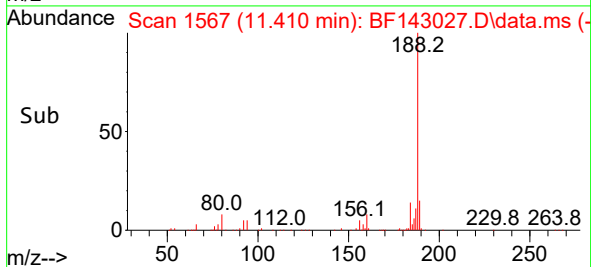
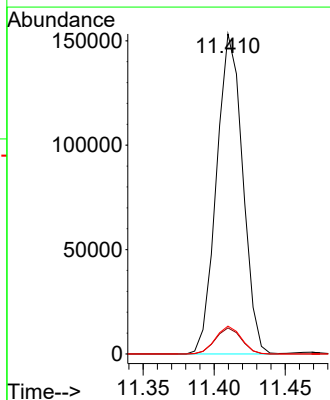
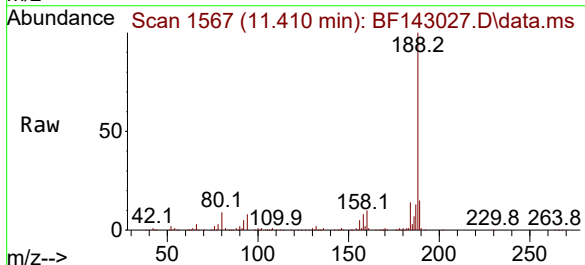
Instrument :
BNA_F
ClientSampleId :
PB168716BS

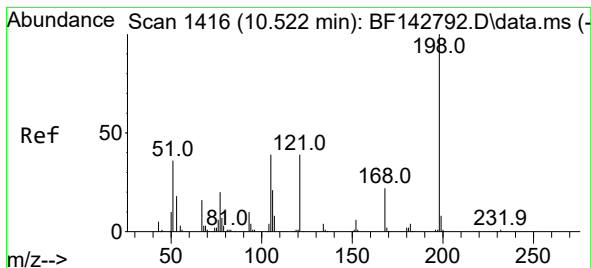
Tgt Ion: 77	Resp: 312072
Ion Ratio	Lower Upper
77 100	
182 29.2	7.7 47.7
105 22.5	1.9 41.9
51 31.9	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion:188	Resp:	196389	
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	8.7	6.9	10.3

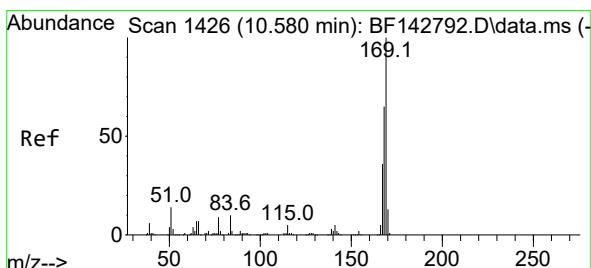
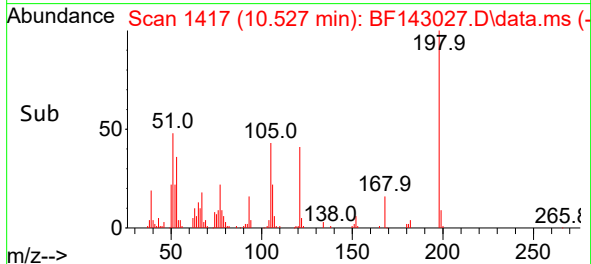
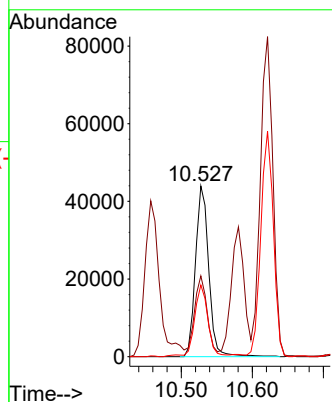
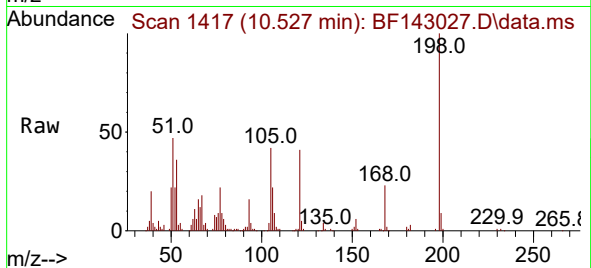




#65
4,6-Dinitro-2-methylphenol
Concen: 48.195 ng
RT: 10.527 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

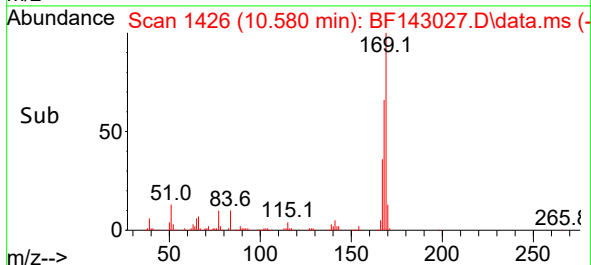
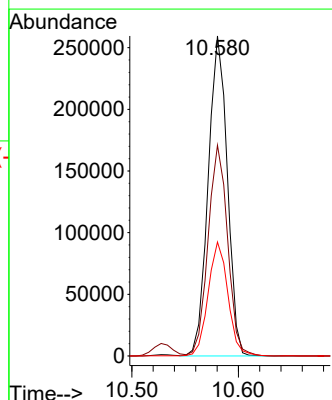
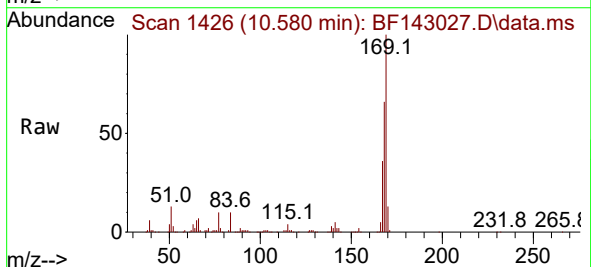
Instrument :
BNA_F
ClientSampleId :
PB168716BS

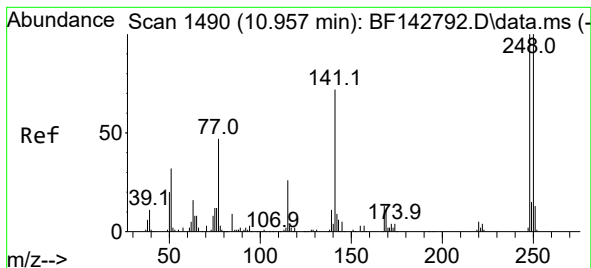
Tgt Ion:198 Resp: 57251
Ion Ratio Lower Upper
198 100
51 47.3 25.4 65.4
105 42.0 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 47.533 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion:169 Resp: 323529
Ion Ratio Lower Upper
169 100
168 65.9 51.9 77.9
167 35.6 28.5 42.7

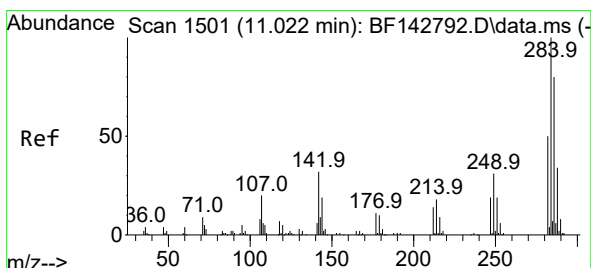
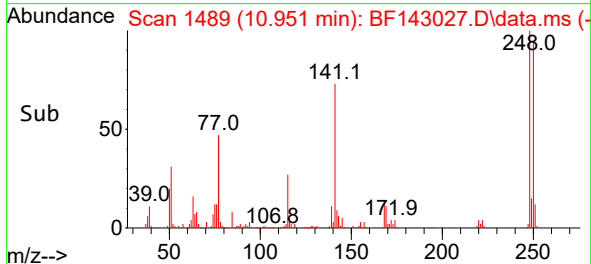
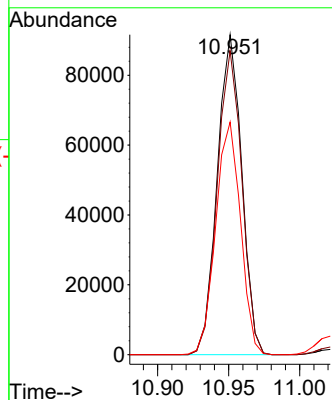
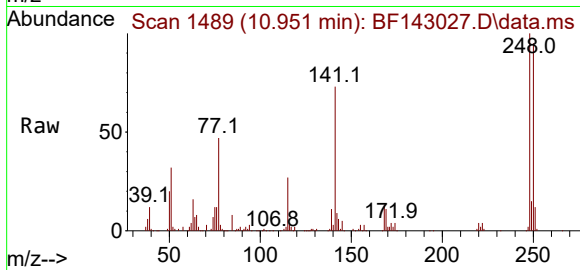




#67
4-Bromophenyl-phenylether
Concen: 49.238 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

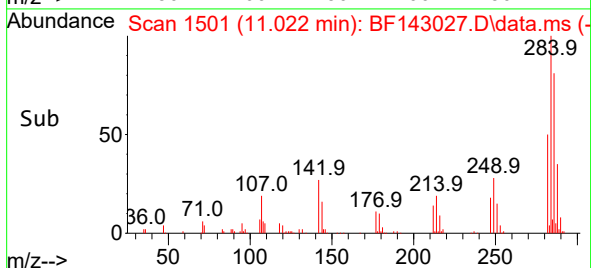
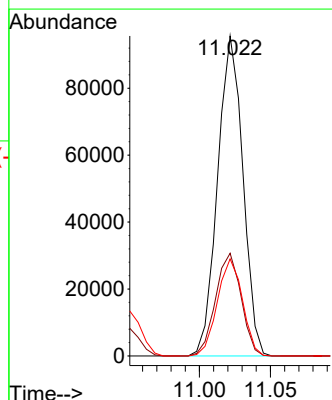
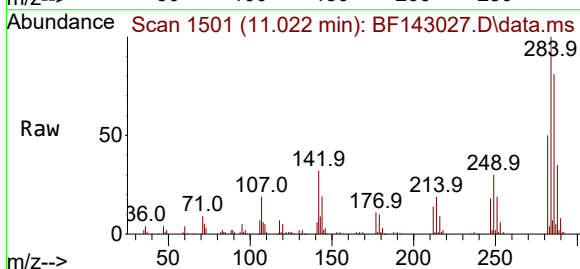
Instrument :
BNA_F
ClientSampleId :
PB168716BS

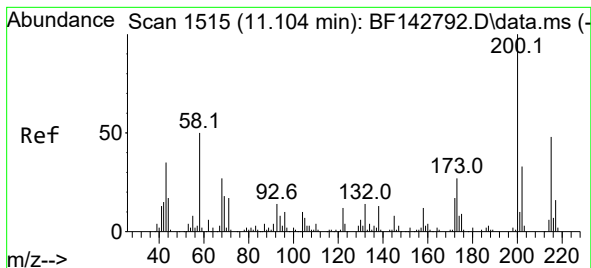
Tgt Ion:248 Resp: 110051
Ion Ratio Lower Upper
248 100
250 95.0 79.8 119.8
141 72.7 57.8 86.6



#68
Hexachlorobenzene
Concen: 47.627 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion:284 Resp: 118285
Ion Ratio Lower Upper
284 100
142 32.1 25.5 38.3
249 30.3 24.9 37.3





#69

Atrazine

Concen: 52.593 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF143027.D

Acq: 08 Jul 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168716BS

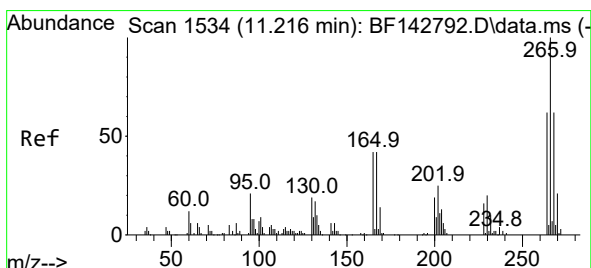
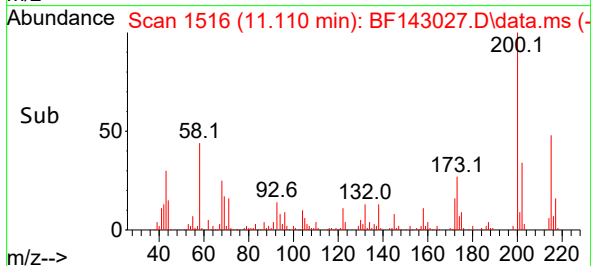
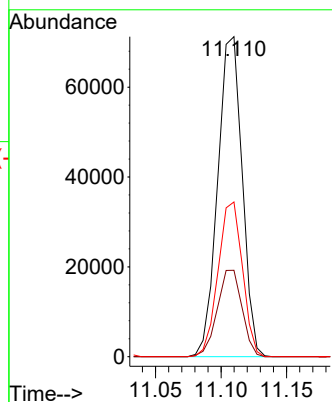
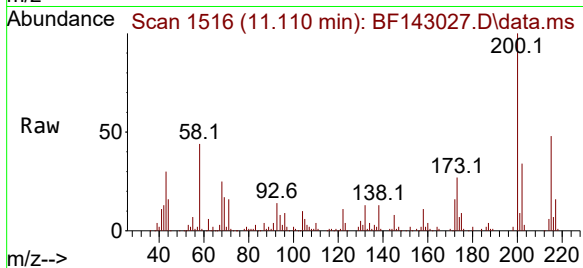
Tgt Ion:200 Resp: 92438

Ion Ratio Lower Upper

200 100

173 27.0 7.4 47.4

215 48.4 28.4 68.4



#70

Pentachlorophenol

Concen: 81.994 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.006 min

Lab File: BF143027.D

Acq: 08 Jul 2025 11:54

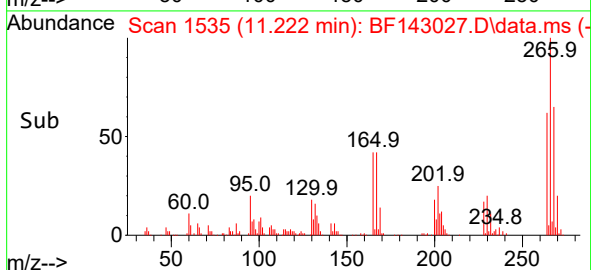
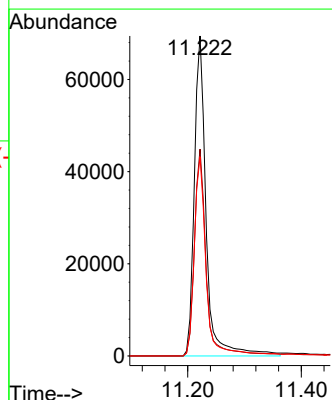
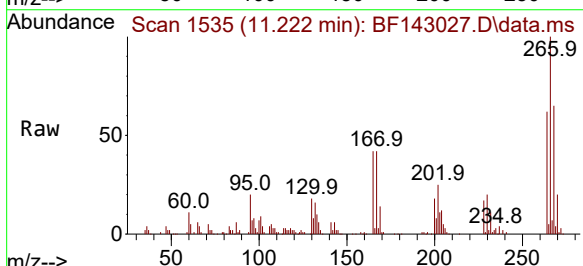
Tgt Ion:266 Resp: 101472

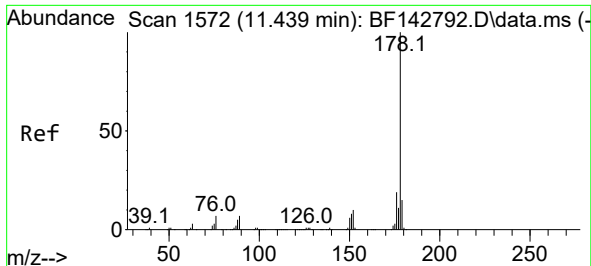
Ion Ratio Lower Upper

266 100

268 64.7 49.8 74.8

264 62.3 49.9 74.9

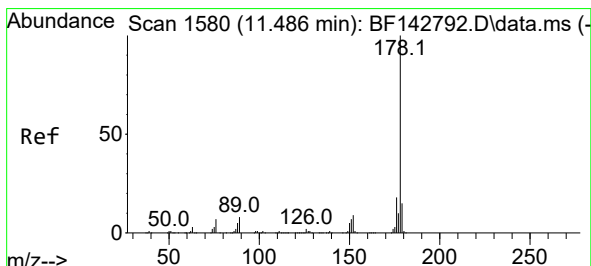
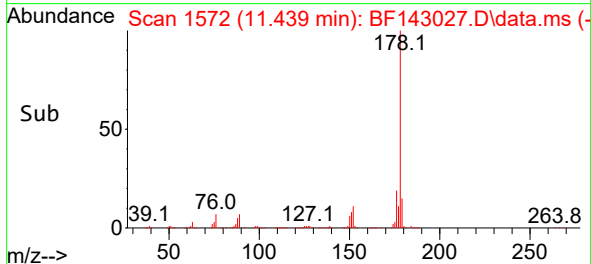
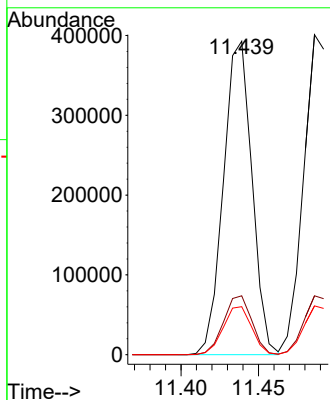
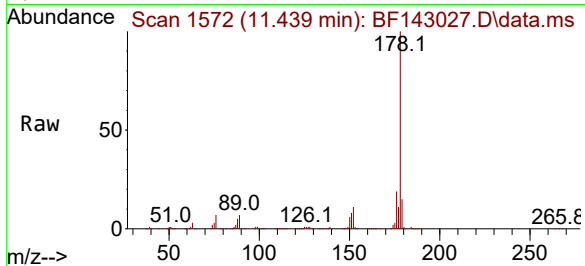




#71
Phenanthrene
Concen: 47.296 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

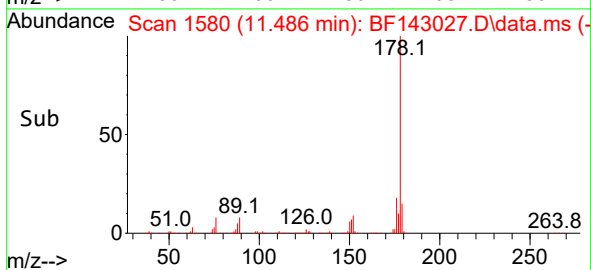
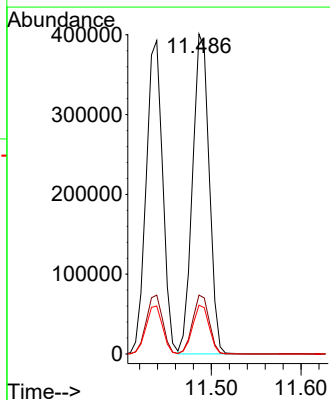
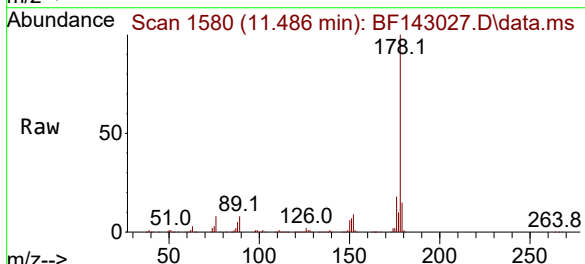
Instrument :
BNA_F
ClientSampleId :
PB168716BS

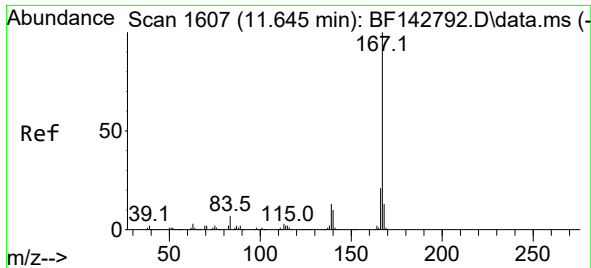
Tgt Ion:178 Resp: 503153
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.3 12.0 18.0



#72
Anthracene
Concen: 47.297 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion:178 Resp: 516037
Ion Ratio Lower Upper
178 100
176 18.4 14.6 21.8
179 15.3 12.4 18.6

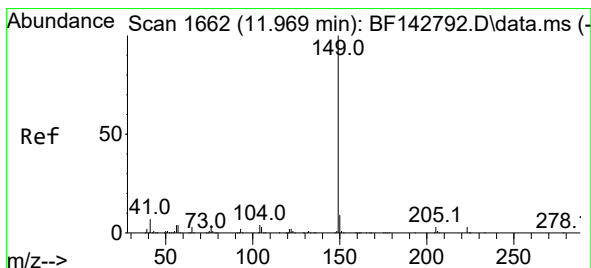
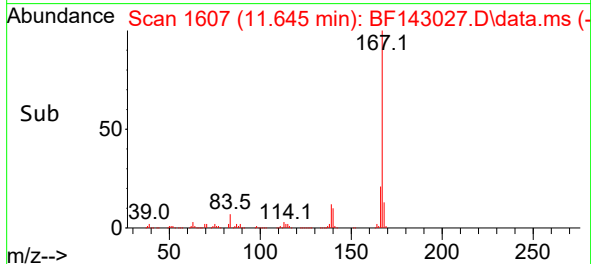
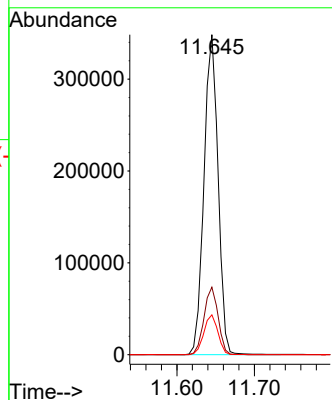
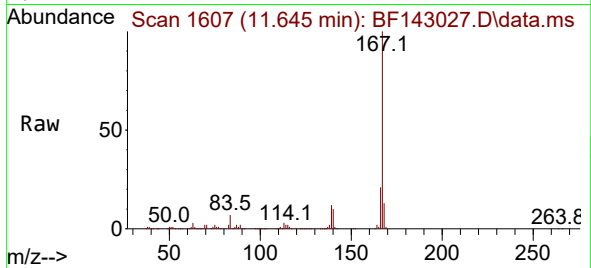




#73
 Carbazole
 Concen: 46.666 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. 0.000 min
 Lab File: BF143027.D
 Acq: 08 Jul 2025 11:54

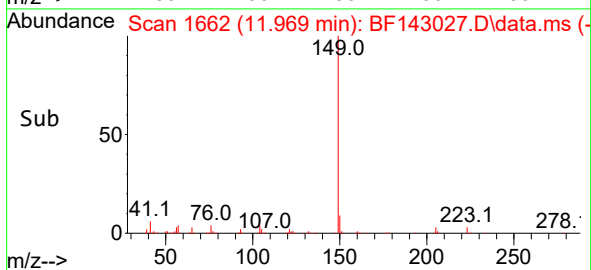
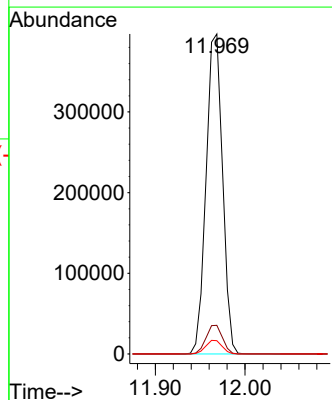
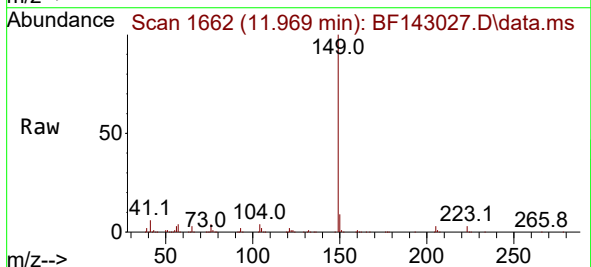
Instrument :
 BNA_F
 ClientSampleId :
 PB168716BS

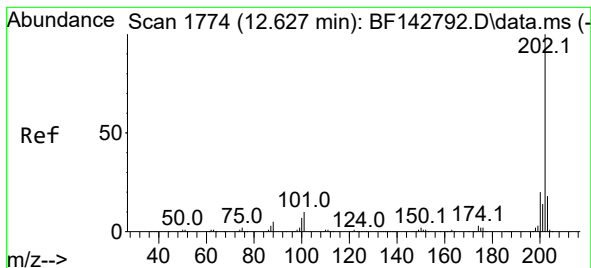
Tgt Ion:167 Resp: 439384
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.4
 139 12.5 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 51.473 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF143027.D
 Acq: 08 Jul 2025 11:54

Tgt Ion:149 Resp: 504874
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 4.2 3.5 5.3





#75

Fluoranthene

Concen: 46.450 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143027.D

Acq: 08 Jul 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168716BS

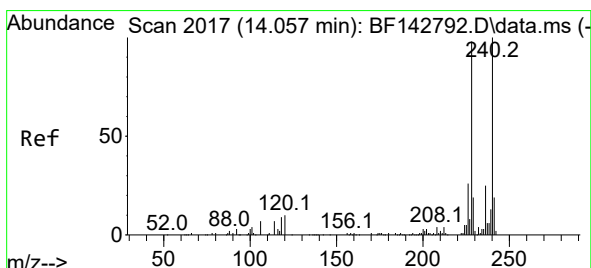
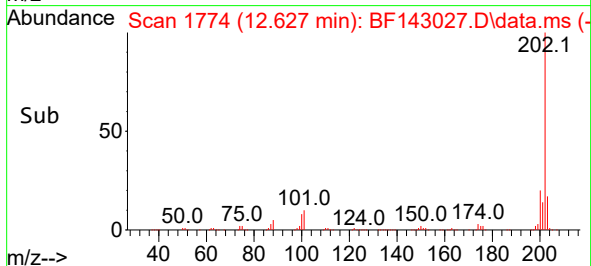
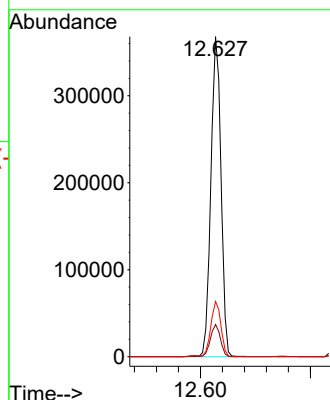
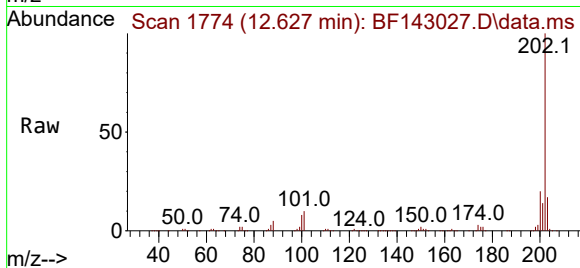
Tgt Ion:202 Resp: 468974

Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.7

203 17.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF143027.D

Acq: 08 Jul 2025 11:54

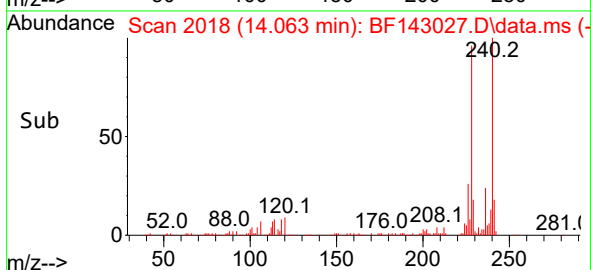
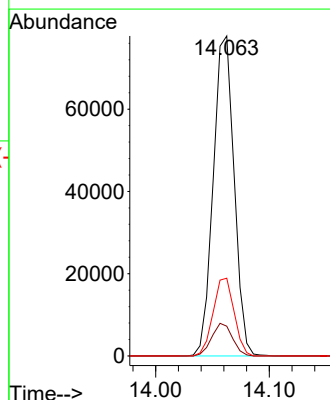
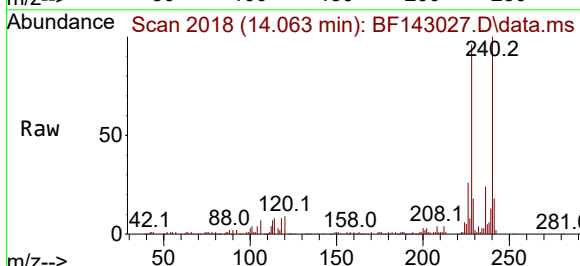
Tgt Ion:240 Resp: 99574

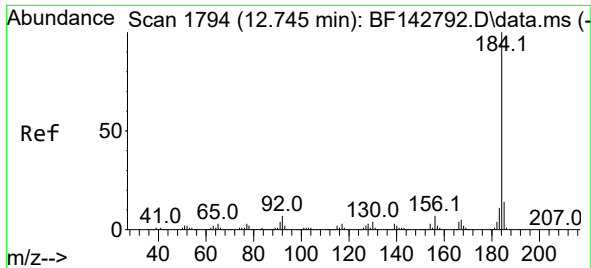
Ion Ratio Lower Upper

240 100

120 9.3 8.2 12.2

236 24.3 19.8 29.8

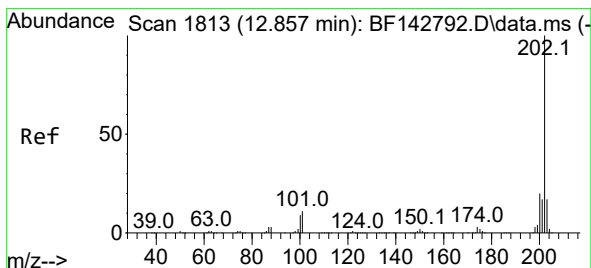
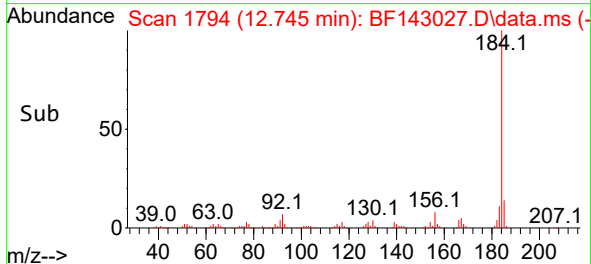
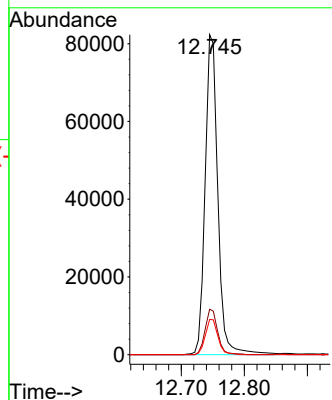
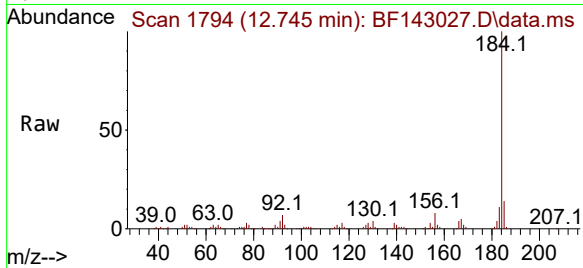




#77
Benzidine
Concen: 30.735 ng
RT: 12.745 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

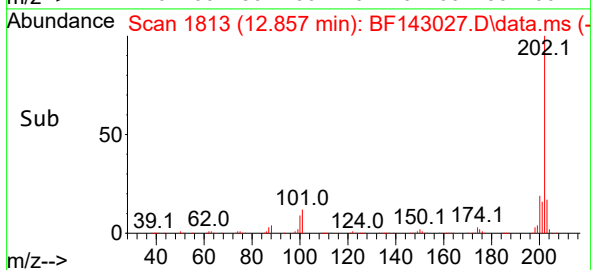
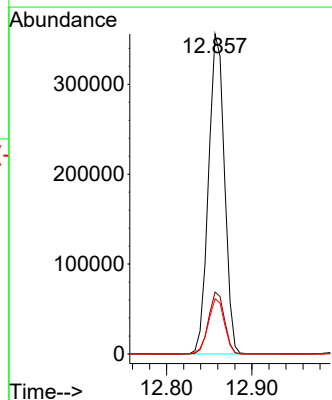
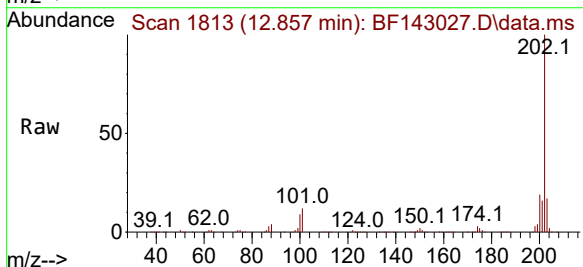
Instrument :
BNA_F
ClientSampleId :
PB168716BS

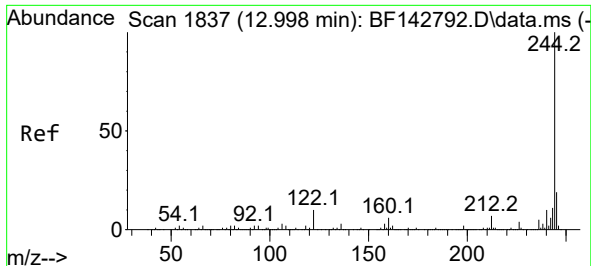
Tgt Ion:184 Resp: 114984
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.0 9.0 13.4



#78
Pyrene
Concen: 49.564 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion:202 Resp: 462608
Ion Ratio Lower Upper
202 100
200 19.4 15.7 23.5
203 17.2 13.8 20.6

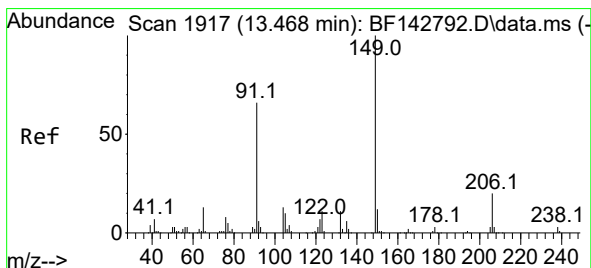
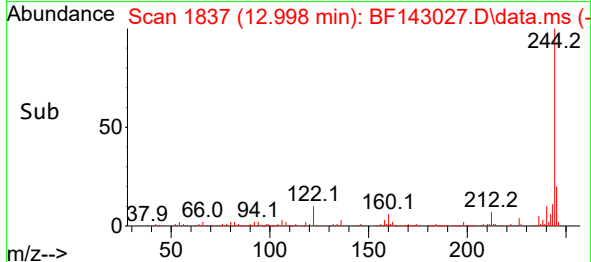
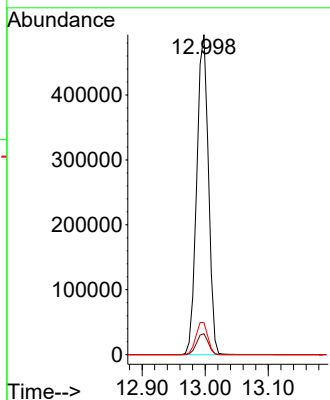
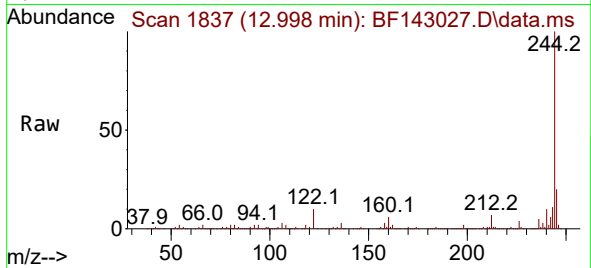




#79
 Terphenyl-d14
 Concen: 87.570 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: BF143027.D
 Acq: 08 Jul 2025 11:54

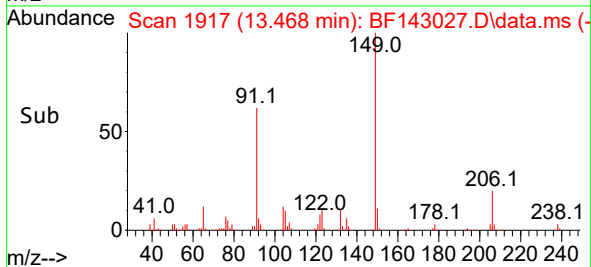
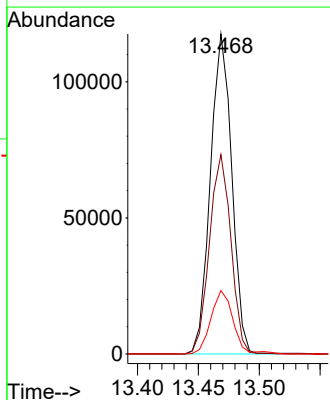
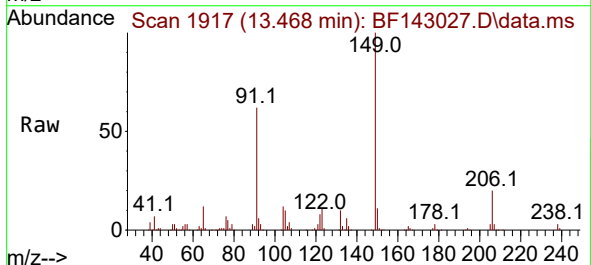
Instrument :
 BNA_F
 ClientSampleId :
 PB168716BS

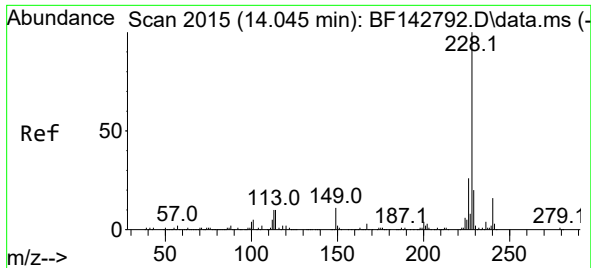
Tgt Ion:244 Resp: 631084
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.0 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 53.032 ng
 RT: 13.468 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF143027.D
 Acq: 08 Jul 2025 11:54

Tgt Ion:149 Resp: 143577
 Ion Ratio Lower Upper
 149 100
 91 62.3 52.9 79.3
 206 19.8 16.3 24.5

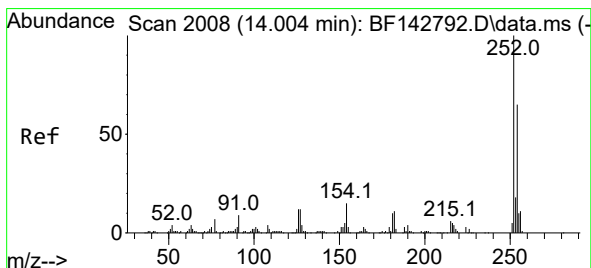
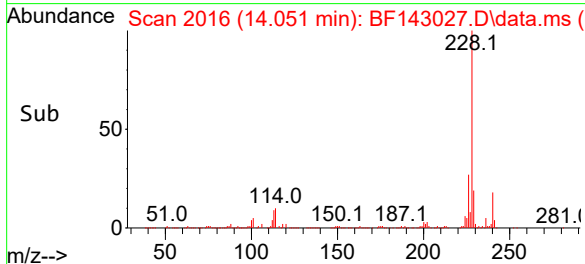
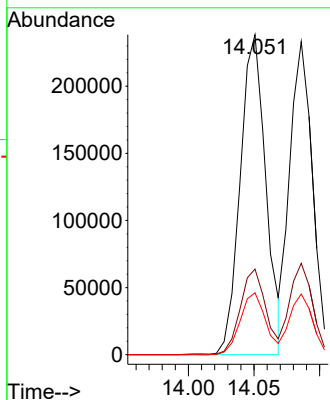
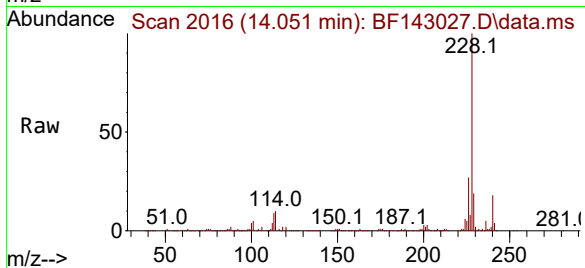




#81
Benzo(a)anthracene
Concen: 48.328 ng
RT: 14.051 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

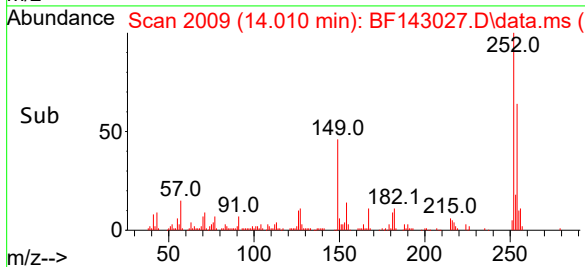
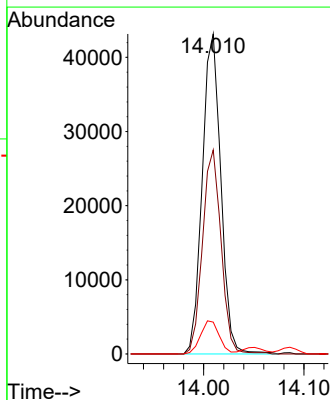
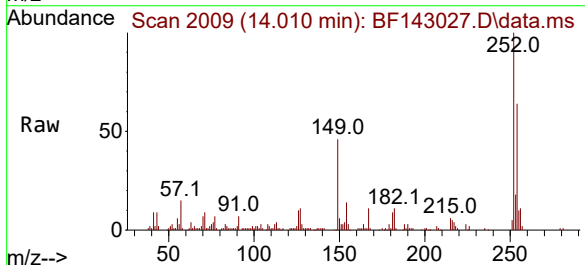
Instrument :
BNA_F
ClientSampleId :
PB168716BS

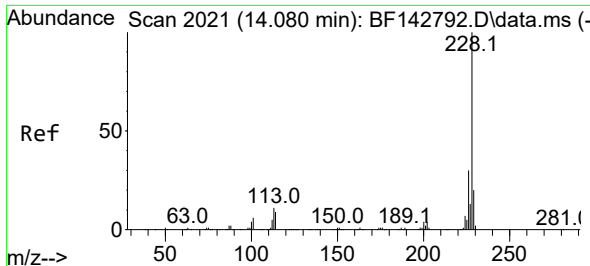
Tgt Ion:228 Resp: 324635
Ion Ratio Lower Upper
228 100
226 26.7 21.2 31.8
229 19.3 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 25.598 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion:252 Resp: 55773
Ion Ratio Lower Upper
252 100
254 63.8 51.7 77.5
126 10.0 9.4 14.2

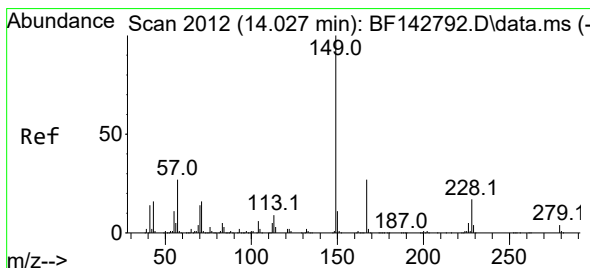
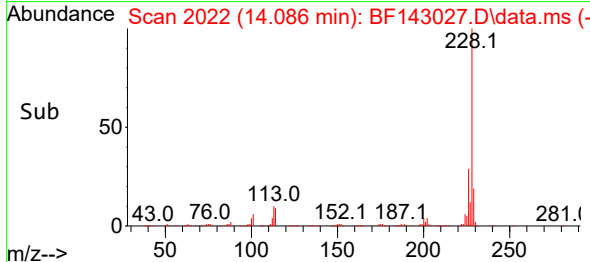
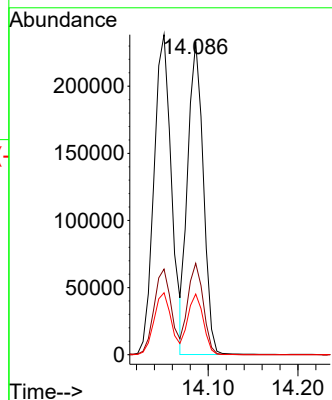
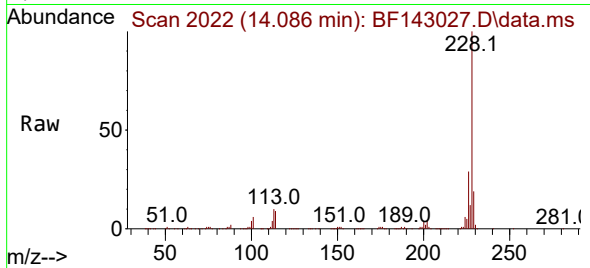




#83
Chrysene
Concen: 46.797 ng
RT: 14.086 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

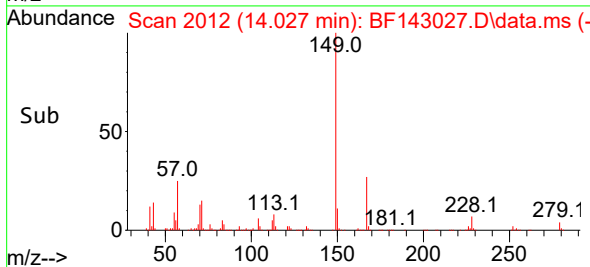
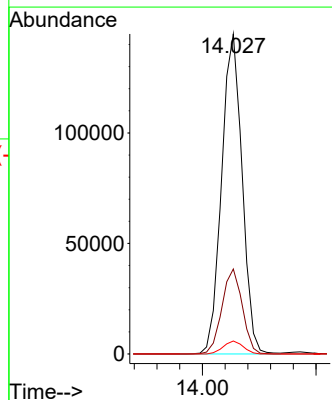
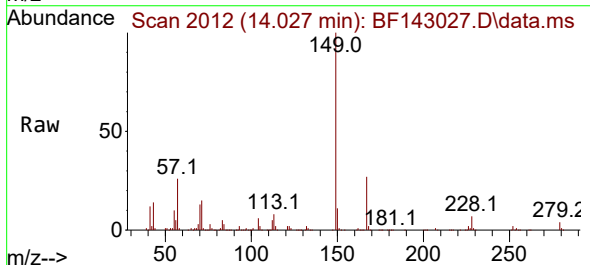
Instrument :
BNA_F
ClientSampleId :
PB168716BS

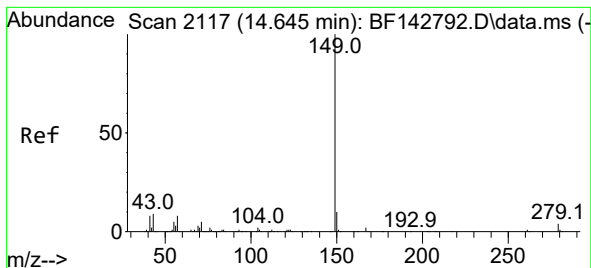
Tgt Ion:228 Resp: 280502
Ion Ratio Lower Upper
228 100
226 29.2 23.7 35.5
229 19.4 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.592 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion:149 Resp: 181490
Ion Ratio Lower Upper
149 100
167 26.5 21.4 32.0
279 4.0 3.0 4.6

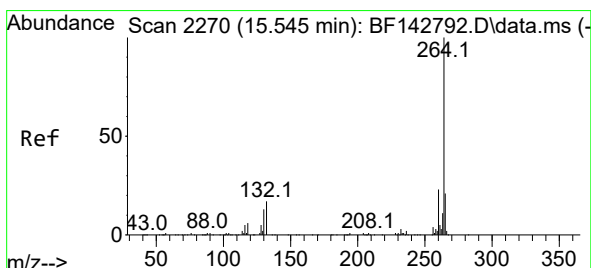
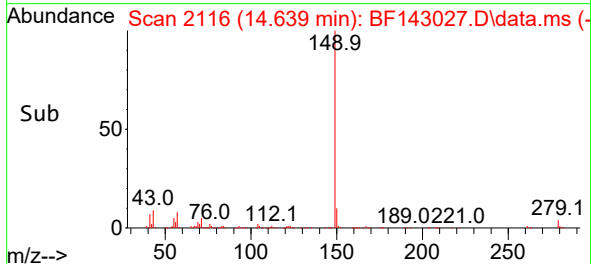
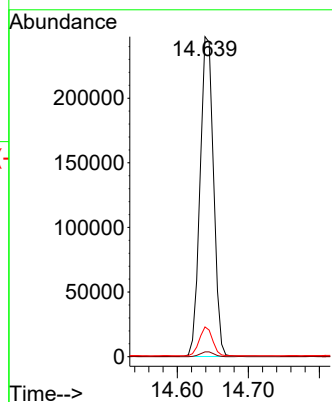
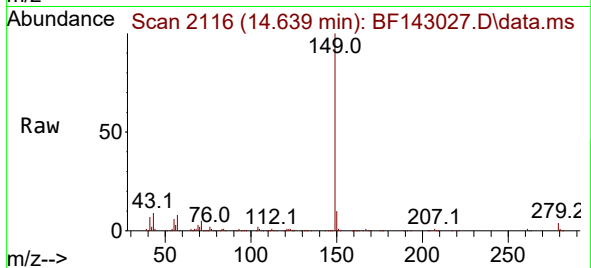




#85
Di-n-octyl phthalate
Concen: 44.628 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

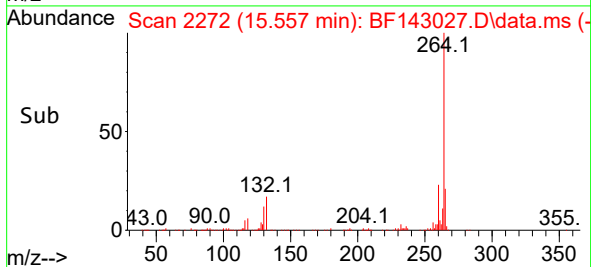
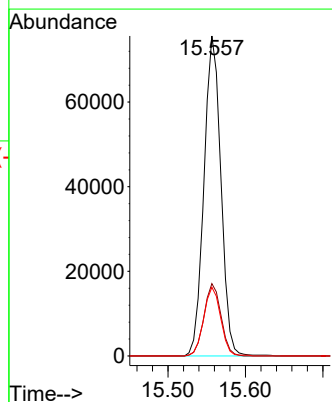
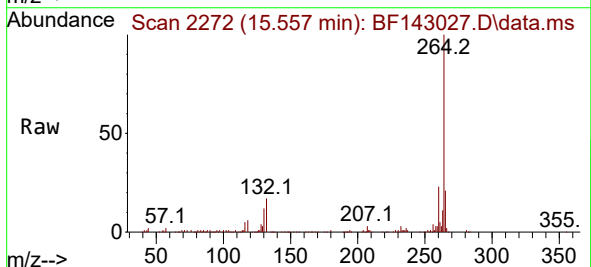
Instrument :
BNA_F
ClientSampleId :
PB168716BS

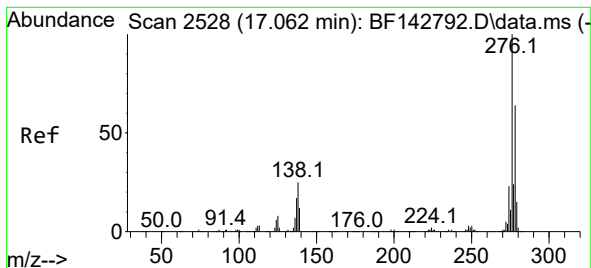
Tgt Ion:149 Resp: 327797
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.8 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. 0.012 min
Lab File: BF143027.D
Acq: 08 Jul 2025 11:54

Tgt Ion:264 Resp: 114876
Ion Ratio Lower Upper
264 100
260 22.6 18.1 27.1
265 21.4 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.215 ng

RT: 17.092 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF143027.D

Acq: 08 Jul 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168716BS

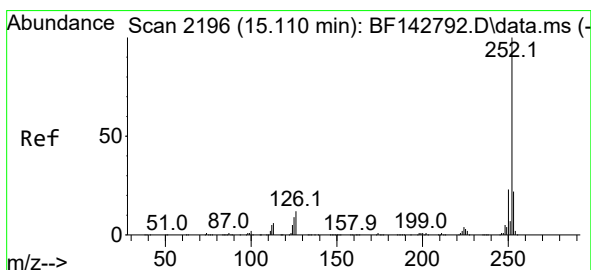
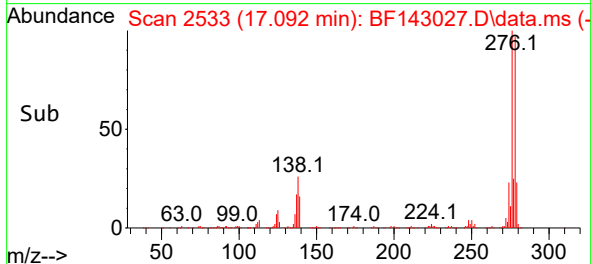
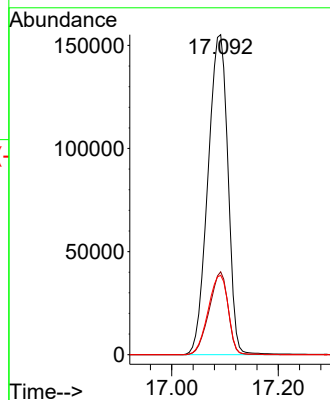
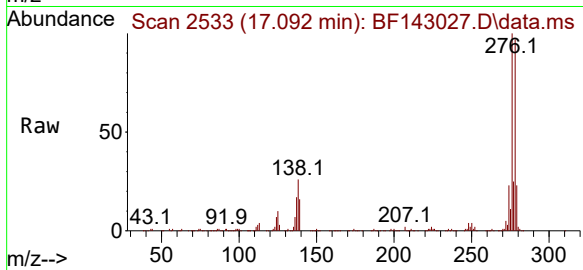
Tgt Ion:276 Resp: 404380

Ion Ratio Lower Upper

276 100

138 24.5 20.2 30.4

277 25.0 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 50.369 ng

RT: 15.115 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BF143027.D

Acq: 08 Jul 2025 11:54

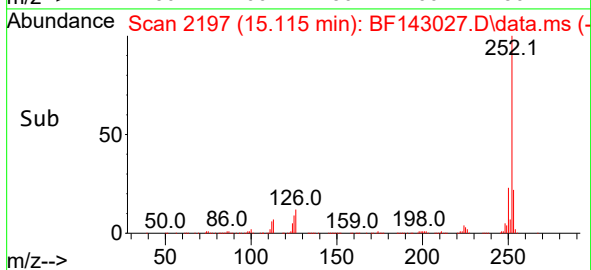
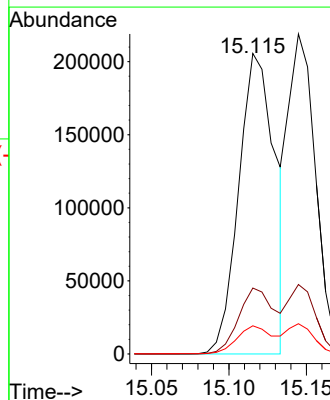
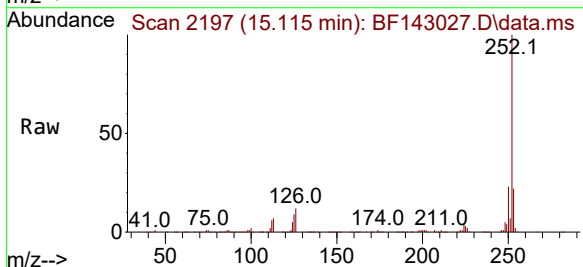
Tgt Ion:252 Resp: 334813

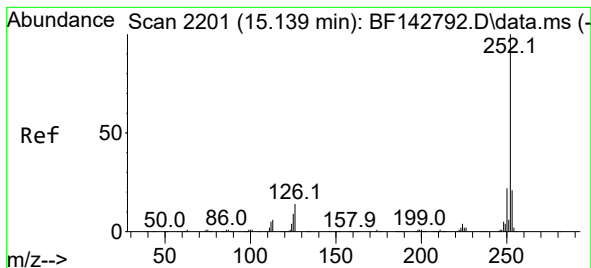
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.4 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 43.506 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143027.D

Acq: 08 Jul 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168716BS

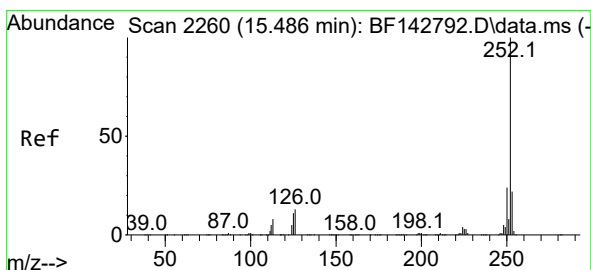
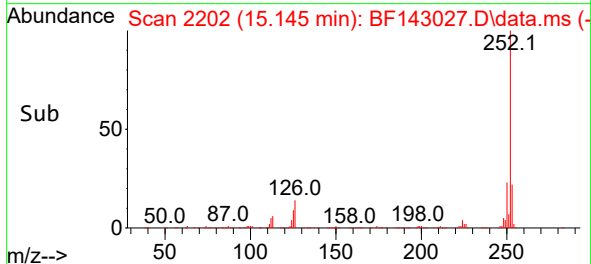
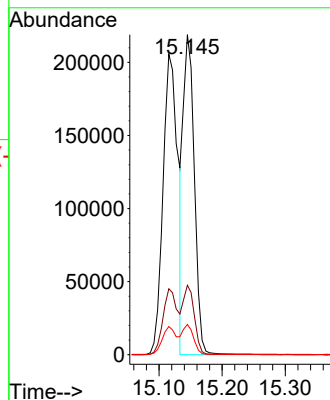
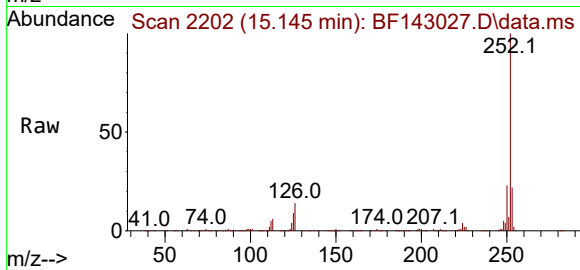
Tgt Ion:252 Resp: 270562

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.4 7.4 11.2



#90

Benzo(a)pyrene

Concen: 47.431 ng

RT: 15.498 min Scan# 2262

Delta R.T. 0.012 min

Lab File: BF143027.D

Acq: 08 Jul 2025 11:54

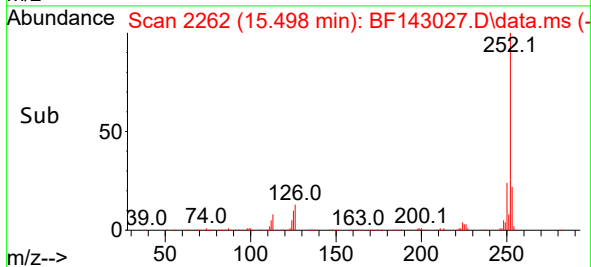
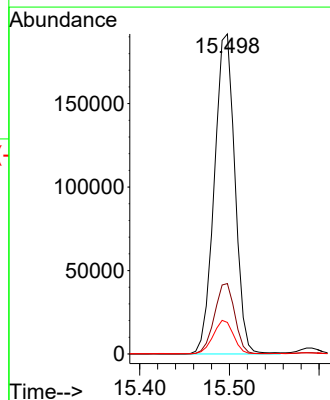
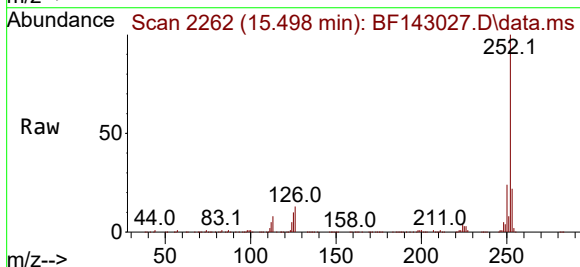
Tgt Ion:252 Resp: 304589

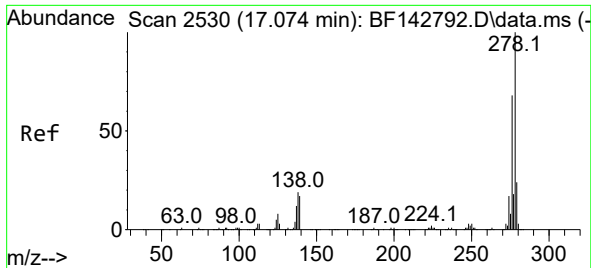
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.9 8.6 12.8

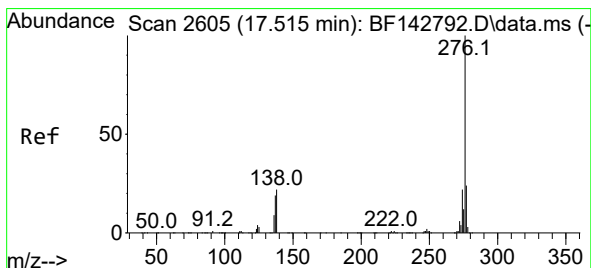
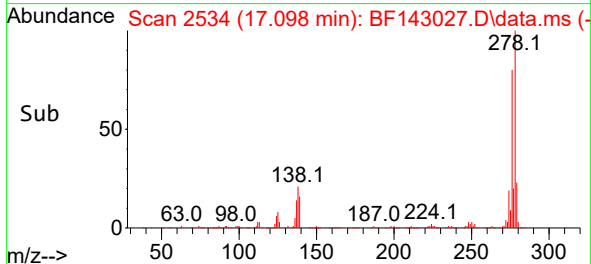
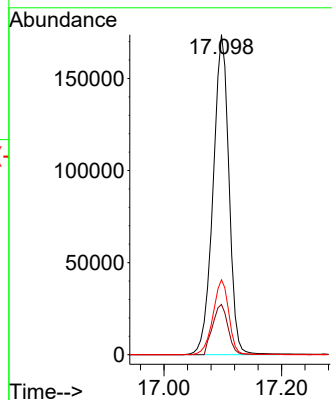
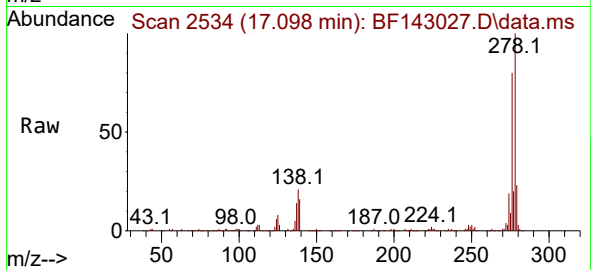




#91
 Dibenzo(a,h)anthracene
 Concen: 45.822 ng
 RT: 17.098 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BF143027.D
 Acq: 08 Jul 2025 11:54

Instrument :
 BNA_F
 ClientSampleId :
 PB168716BS

Tgt Ion:278 Resp: 325775
 Ion Ratio Lower Upper
 278 100
 139 15.7 13.5 20.3
 279 23.4 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 46.375 ng
 RT: 17.551 min Scan# 2611
 Delta R.T. 0.035 min
 Lab File: BF143027.D
 Acq: 08 Jul 2025 11:54

Tgt Ion:276 Resp: 328768
 Ion Ratio Lower Upper
 276 100
 277 23.5 18.8 28.2
 138 20.2 17.6 26.4

