

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103025\
 Data File : BF144147.D
 Acq On : 30 Oct 2025 18:06
 Operator : RC/JU
 Sample : PB170325BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170325BS

Quant Time: Oct 30 18:46:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	88297	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	339199	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	193905	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	335987	20.000	ng	0.00
76) Chrysene-d12	14.057	240	183316	20.000	ng	0.00
86) Perylene-d12	15.539	264	262950	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	481668	86.305	ng	0.01
7) Phenol-d6	6.510	99	548395	88.973	ng	0.00
23) Nitrobenzene-d5	7.440	82	362597	58.566	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	225799	91.418	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	785905	57.035	ng	0.00
79) Terphenyl-d14	12.992	244	791599	75.492	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.711	88	65011	26.957	ng	96
3) Pyridine	3.469	79	184794	28.622	ng	98
4) n-Nitrosodimethylamine	3.422	42	113965	28.726	ng	86
6) Aniline	6.540	93	236896	26.865	ng	100
8) 2-Chlorophenol	6.663	128	178323	32.445	ng	99
9) Benzaldehyde	6.428	77	119599	24.992	ng	99
10) Phenol	6.522	94	237504	31.234	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	180093	32.776	ng	98
12) 1,3-Dichlorobenzene	6.822	146	217604	32.096	ng	98
13) 1,4-Dichlorobenzene	6.898	146	219550	32.859	ng	98
14) 1,2-Dichlorobenzene	7.046	146	210041	32.489	ng	98
15) Benzyl Alcohol	7.022	79	172150	34.349	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	342614	33.177	ng	97
17) 2-Methylphenol	7.128	107	141988	33.590	ng	95
18) Hexachloroethane	7.387	117	74398	31.145	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	138872	34.842	ng	93
20) 3+4-Methylphenols	7.281	107	162295	32.477	ng	89
22) Acetophenone	7.287	105	240496	32.808	ng	95
24) Nitrobenzene	7.463	77	209160	31.936	ng	98
25) Isophorone	7.698	82	367778	33.977	ng	98
26) 2-Nitrophenol	7.775	139	101778	32.667	ng	97
27) 2,4-Dimethylphenol	7.810	122	167763	36.234	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	225732	33.441	ng	98
29) 2,4-Dichlorophenol	8.016	162	173121	32.152	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	189367	34.186	ng	98
31) Naphthalene	8.181	128	505835	31.596	ng	99
32) Benzoic acid	7.934	122	93574	31.862	ng	85
33) 4-Chloroaniline	8.234	127	73936	13.266	ng	97
34) Hexachlorobutadiene	8.298	225	137944	30.455	ng	96
35) Caprolactam	8.598	113	33857	25.075	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	160207	33.717	ng	97
37) 2-Methylnaphthalene	8.875	142	315917	29.930	ng	97
38) 1-Methylnaphthalene	8.975	142	318174	31.817	ng	100
40) 1,2,4,5-Tetrachloroben...	9.040	216	200989	30.160	ng	100
41) Hexachlorocyclopentadiene	9.028	237	195208	94.839	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	137832	31.820	ng	99

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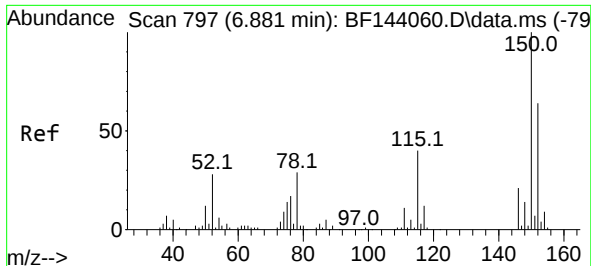
Quant Time: Oct 30 18:46:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	143511	31.568	ng	96
46) 1,1'-Biphenyl	9.339	154	443771	31.971	ng	98
47) 2-Chloronaphthalene	9.363	162	358751	30.850	ng	96
48) 2-Nitroaniline	9.463	65	111036	32.155	ng	95
49) Acenaphthylene	9.781	152	564327	35.991	ng	99
50) Dimethylphthalate	9.639	163	425035	33.441	ng	100
51) 2,6-Dinitrotoluene	9.704	165	92065	36.640	ng	88
52) Acenaphthene	9.951	154	306797	29.298	ng	99
53) 3-Nitroaniline	9.875	138	55916	20.016	ng	97
54) 2,4-Dinitrophenol	9.986	184	95924	70.584	ng	90
55) Dibenzofuran	10.128	168	473493	32.570	ng	95
56) 4-Nitrophenol	10.039	139	118137	62.449	ng	89
57) 2,4-Dinitrotoluene	10.110	165	120280	35.468	ng	95
58) Fluorene	10.469	166	365761	33.020	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	118262	36.916	ng	96
60) Diethylphthalate	10.339	149	395455	33.085	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	202984	32.586	ng	96
62) 4-Nitroaniline	10.486	138	85838	32.429	ng	92
63) Azobenzene	10.622	77	371403	32.829	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	71478	33.159	ng	95
66) n-Nitrosodiphenylamine	10.581	169	358889	33.432	ng	97
67) 4-Bromophenyl-phenylether	10.951	248	136756	32.509	ng	98
68) Hexachlorobenzene	11.016	284	165432	32.065	ng	99
69) Atrazine	11.104	200	121294	34.433	ng	99
70) Pentachlorophenol	11.216	266	163369	66.524	ng	97
71) Phenanthrene	11.433	178	528365	31.657	ng	99
72) Anthracene	11.486	178	549017	31.843	ng	99
73) Carbazole	11.639	167	469910	32.021	ng	99
74) Di-n-butylphthalate	11.969	149	573853	31.894	ng	99
75) Fluoranthene	12.628	202	526736	28.565	ng	99
77) Benzidine	12.745	184	187600	32.883	ng	100
78) Pyrene	12.857	202	520201	39.472	ng	99
80) Butylbenzylphthalate	13.469	149	173401	34.778	ng	98
81) Benzo(a)anthracene	14.045	228	414210	33.435	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	76992	17.853	ng	98
83) Chrysene	14.080	228	383855	33.019	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	221439	32.533	ng	99
85) Di-n-octyl phthalate	14.645	149	389047	33.236	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	621627	34.433	ng	99
88) Benzo(b)fluoranthene	15.104	252	528961	35.583	ng	100
89) Benzo(k)fluoranthene	15.133	252	406937	29.670	ng	99
90) Benzo(a)pyrene	15.474	252	467027	35.019	ng	98
91) Dibenzo(a,h)anthracene	17.063	278	505320	35.361	ng	99
92) Benzo(g,h,i)perylene	17.504	276	501764	34.924	ng	99

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

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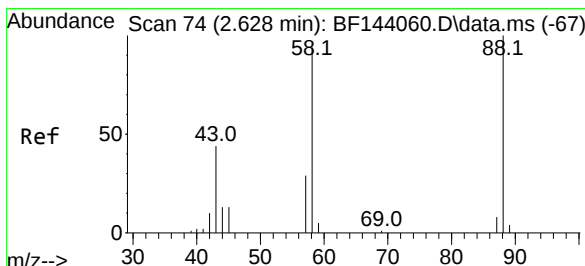
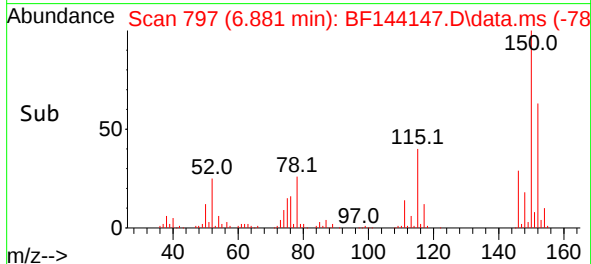
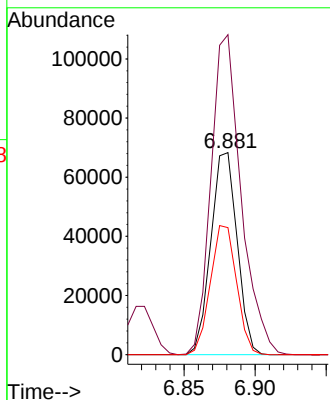
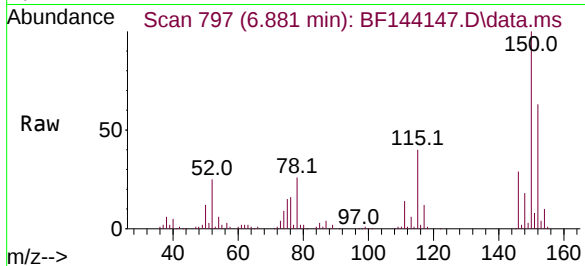




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF144147.D
 Acq: 30 Oct 2025 18:06

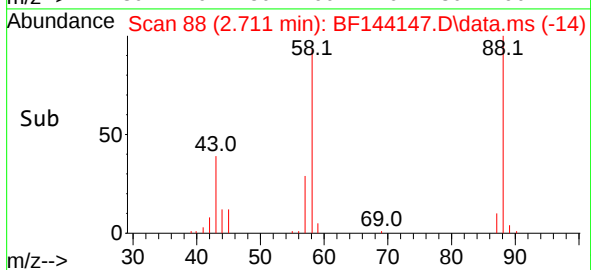
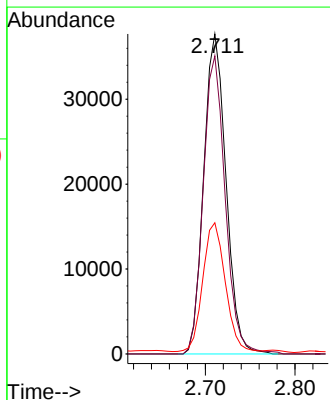
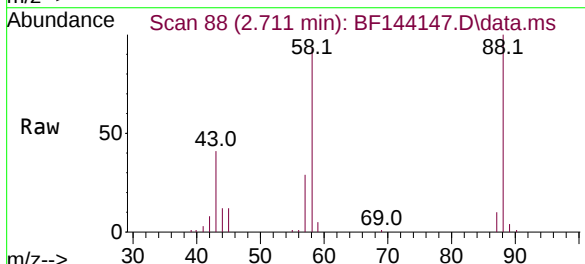
Instrument :
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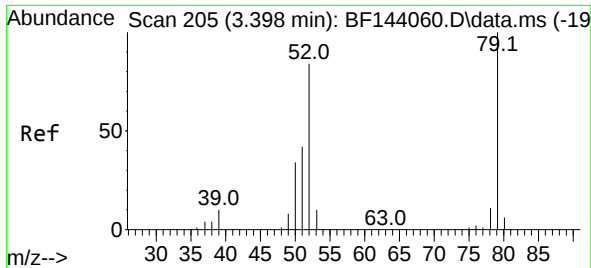
Tgt Ion:152 Resp: 88297
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.4 186.6
 115 62.9 49.4 74.0



#2
 1,4-Dioxane
 Concen: 26.957 ng
 RT: 2.711 min Scan# 88
 Delta R.T. 0.083 min
 Lab File: BF144147.D
 Acq: 30 Oct 2025 18:06

Tgt Ion: 88 Resp: 65011
 Ion Ratio Lower Upper
 88 100
 58 92.1 76.5 114.7
 43 40.6 35.3 52.9

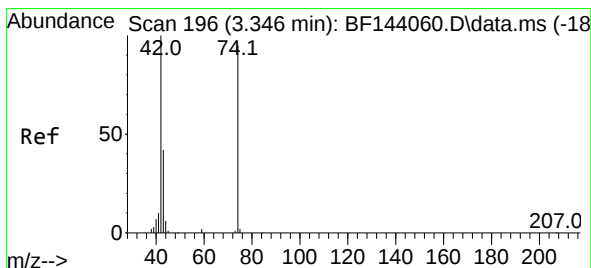
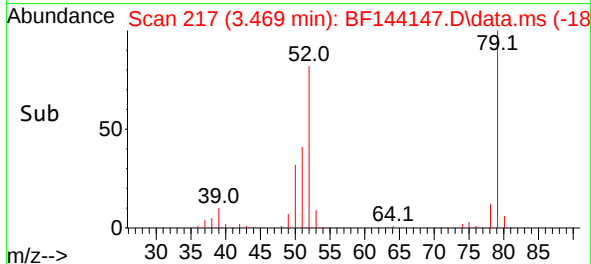
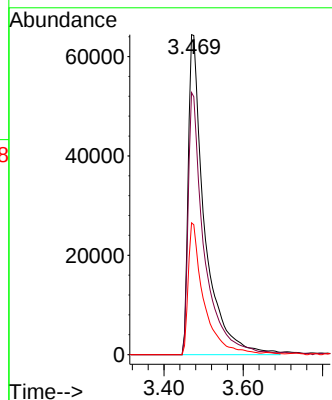
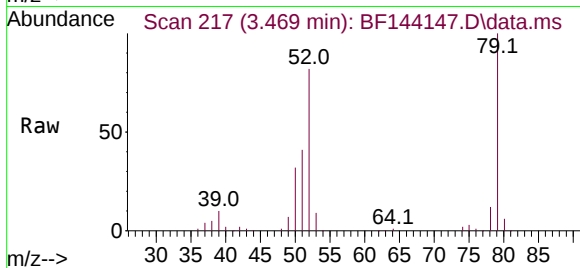




#3
Pyridine
Concen: 28.622 ng
RT: 3.469 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

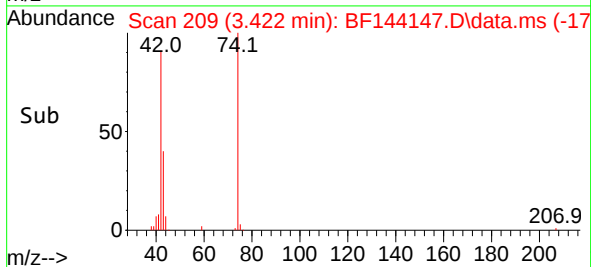
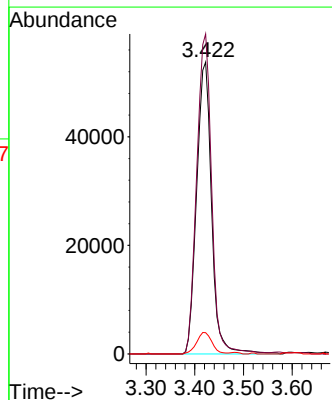
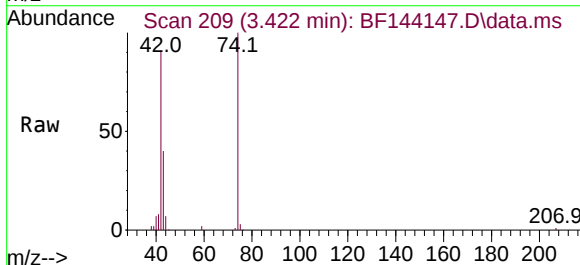
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BNA_F
ClientSampleId :
PB170325BS

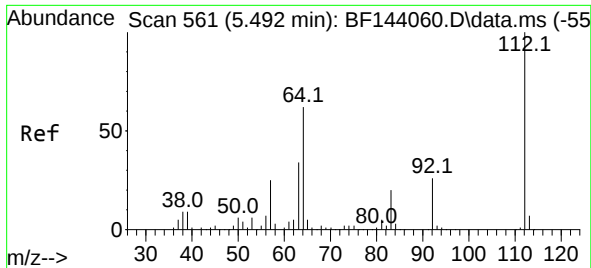
Tgt Ion: 79 Resp: 184794
Ion Ratio Lower Upper
79 100
52 81.9 67.5 101.3
51 41.2 33.6 50.4



#4
n-Nitrosodimethylamine
Concen: 28.726 ng
RT: 3.422 min Scan# 209
Delta R.T. 0.077 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion: 42 Resp: 113965
Ion Ratio Lower Upper
42 100
74 109.7 76.4 114.6
44 7.3 5.2 7.8

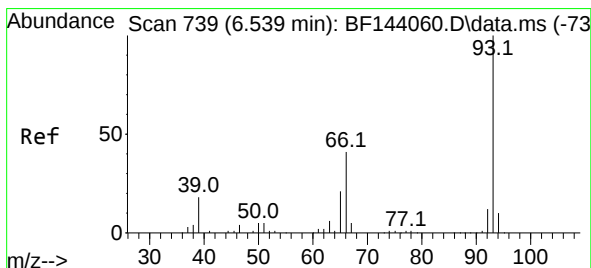
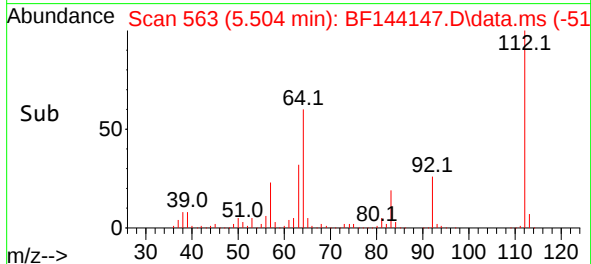
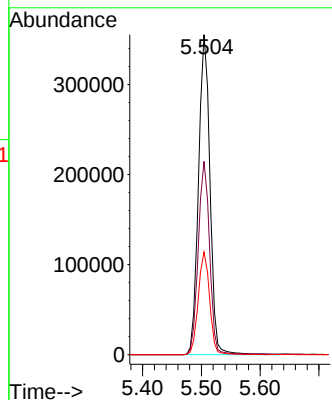
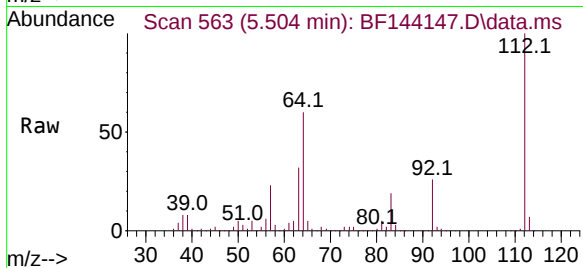




#5
2-Fluorophenol
Concen: 86.305 ng
RT: 5.504 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

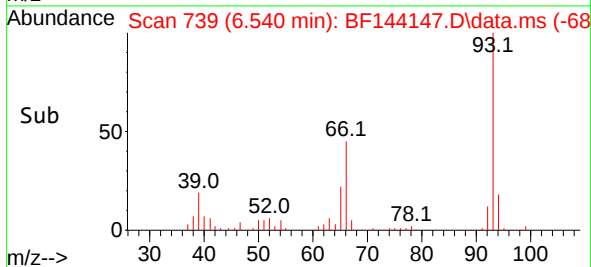
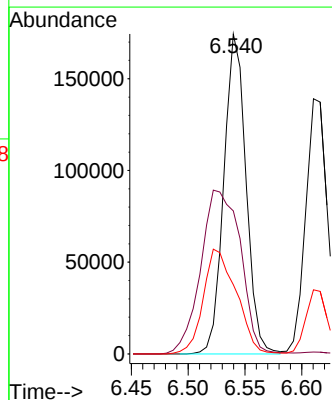
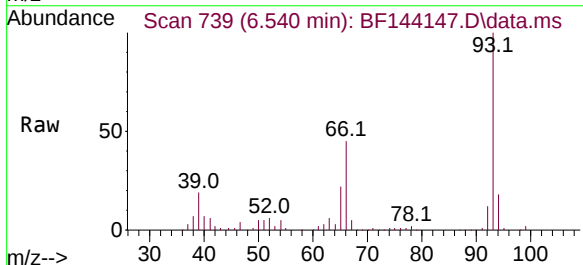
Instrument :
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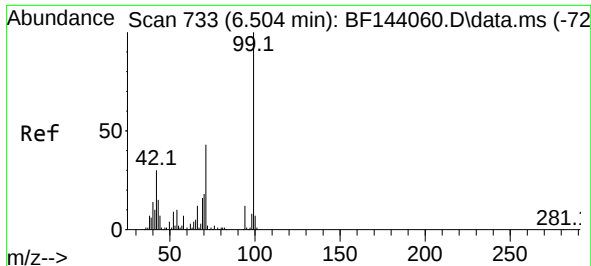
Tgt Ion:112 Resp: 481668
Ion Ratio Lower Upper
112 100
64 60.4 49.8 74.8
63 32.1 27.4 41.2



#6
Aniline
Concen: 26.865 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion: 93 Resp: 236896
Ion Ratio Lower Upper
93 100
66 44.7 35.7 53.5
65 21.6 17.0 25.6





#7

Phenol-d6

Concen: 88.973 ng

RT: 6.510 min Scan# 733

Delta R.T. 0.006 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

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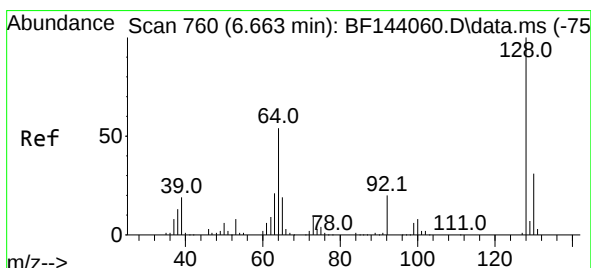
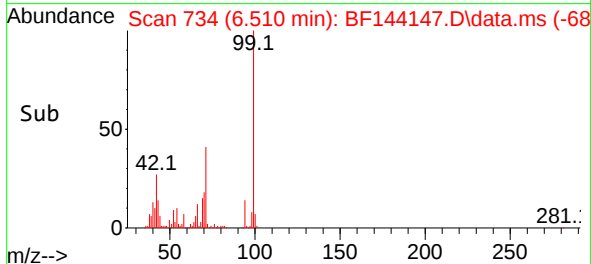
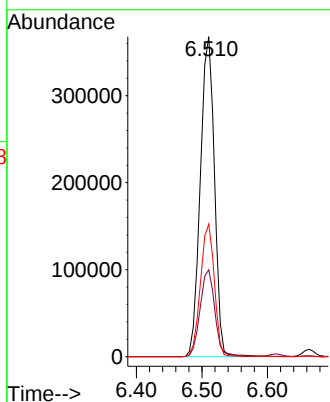
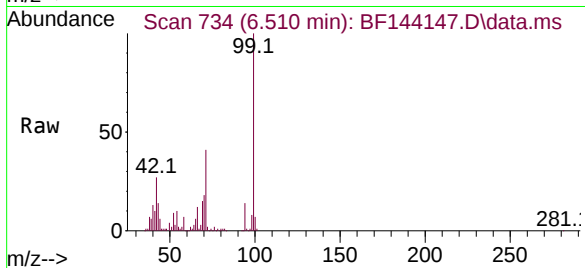
Tgt Ion: 99 Resp: 548395

Ion Ratio Lower Upper

99 100

42 27.2 23.9 35.9

71 41.5 34.4 51.6



#8

2-Chlorophenol

Concen: 32.445 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

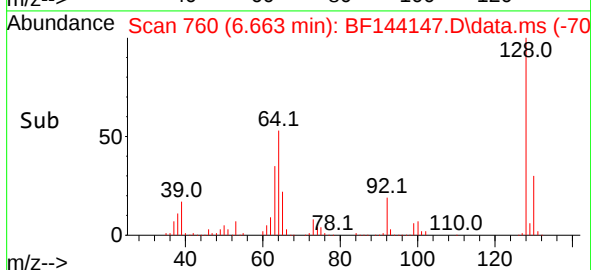
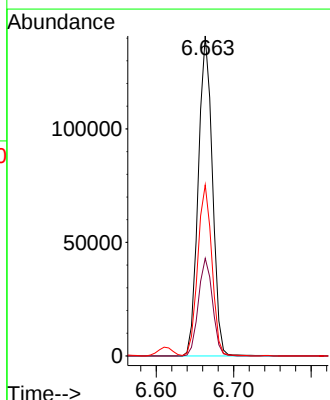
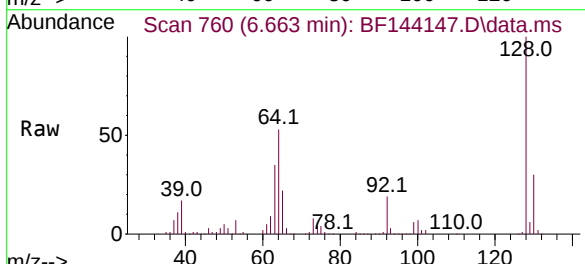
Tgt Ion: 128 Resp: 178323

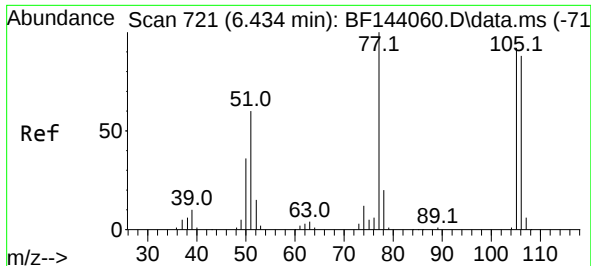
Ion Ratio Lower Upper

128 100

130 30.5 10.7 50.7

64 53.4 34.7 74.7





#9

Benzaldehyde

Concen: 24.992 ng

RT: 6.428 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

Instrument :

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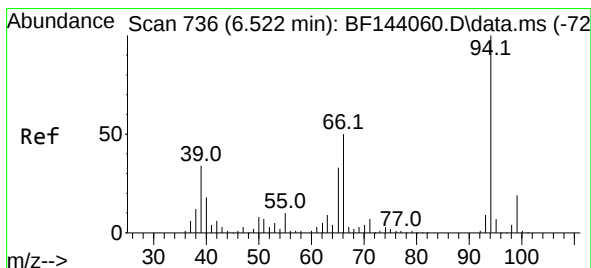
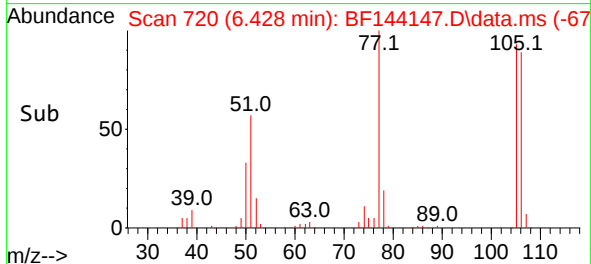
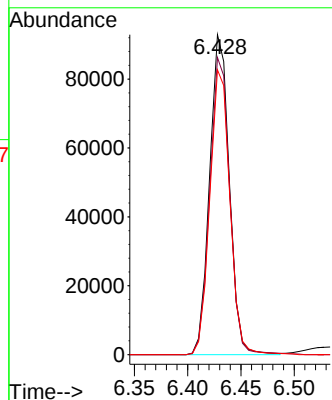
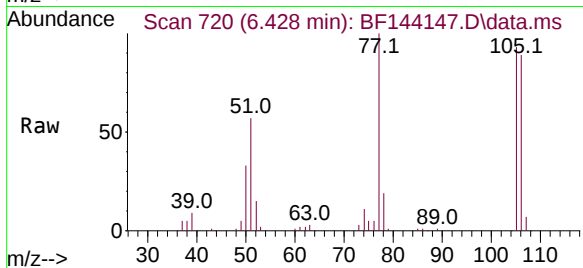
Tgt Ion: 77 Resp: 119599

Ion Ratio Lower Upper

77 100

105 92.8 72.2 112.2

106 89.0 67.9 107.9



#10

Phenol

Concen: 31.234 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

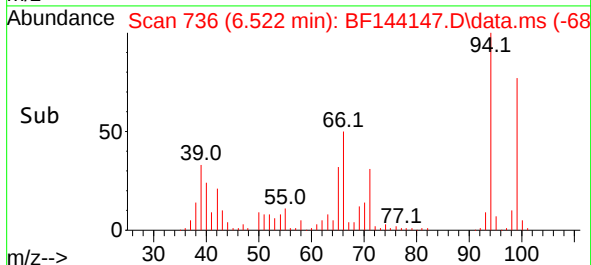
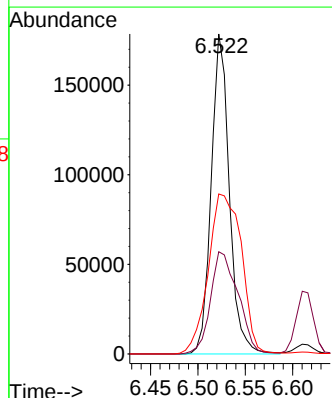
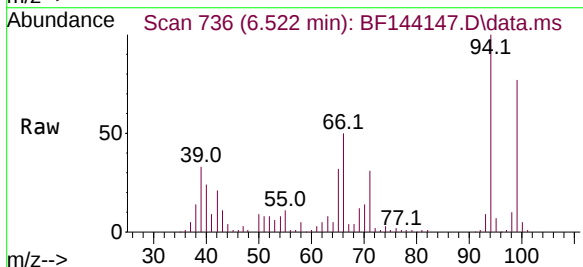
Tgt Ion: 94 Resp: 237504

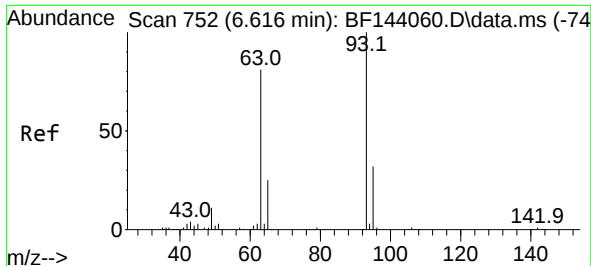
Ion Ratio Lower Upper

94 100

65 31.9 13.1 53.1

66 50.0 30.6 70.6

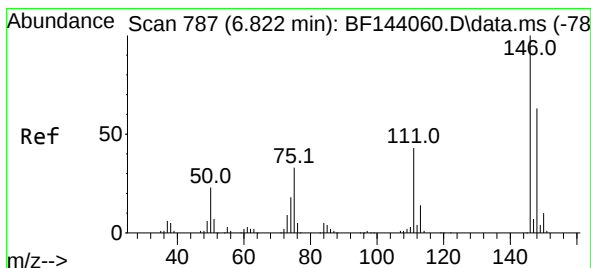
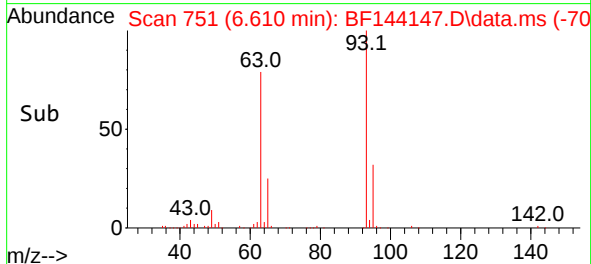
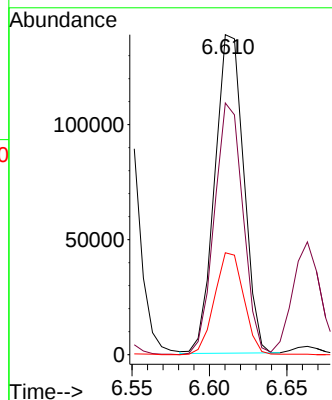
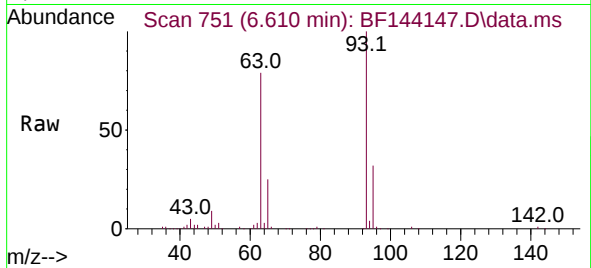




#11
bis(2-Chloroethyl)ether
Concen: 32.776 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

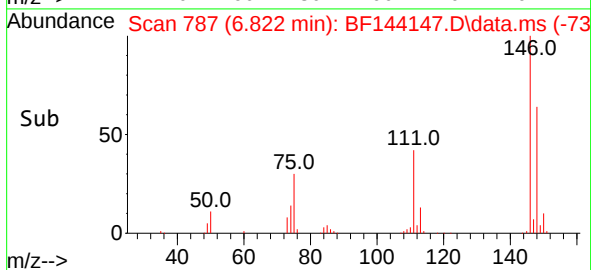
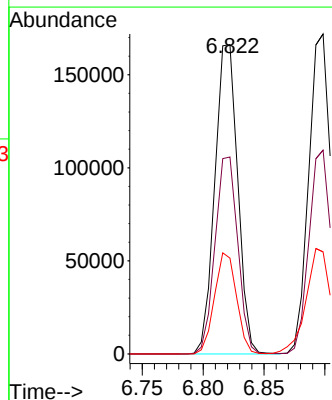
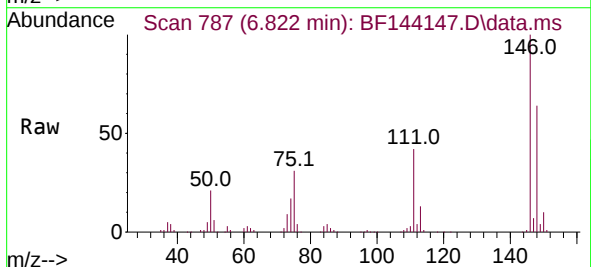
Instrument :
BNA_F
ClientSampleId :
PB170325BS

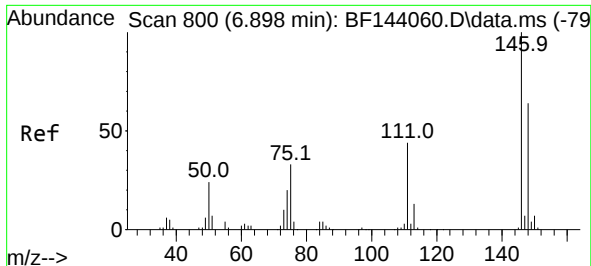
Tgt Ion: 93 Resp: 180093
Ion Ratio Lower Upper
93 100
63 78.6 60.2 100.2
95 31.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 32.096 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion:146 Resp: 217604
Ion Ratio Lower Upper
146 100
148 63.7 50.6 75.8
75 31.0 26.6 40.0

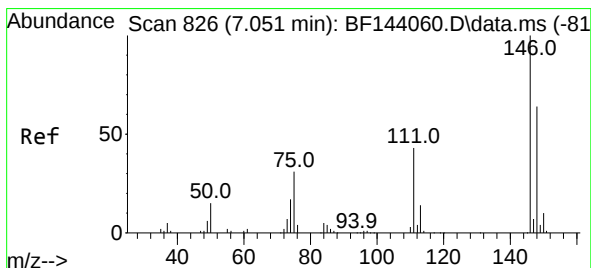
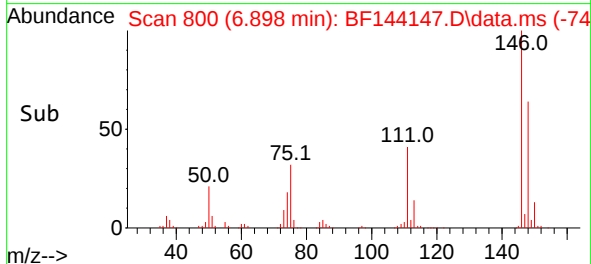
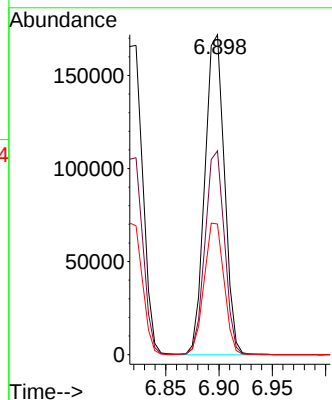
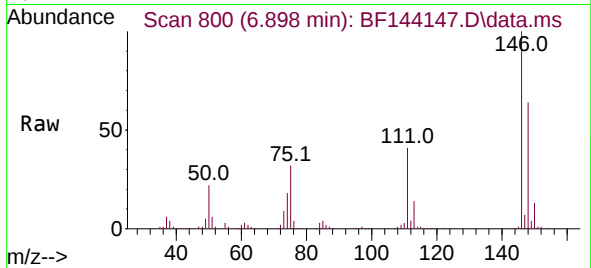




#13
1,4-Dichlorobenzene
Concen: 32.859 ng
RT: 6.898 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

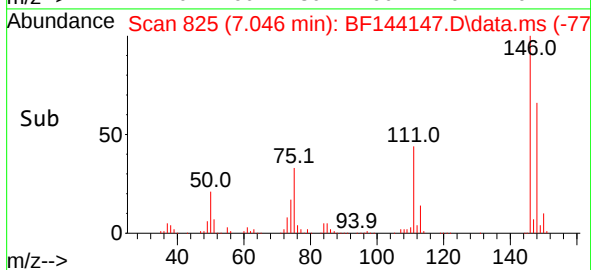
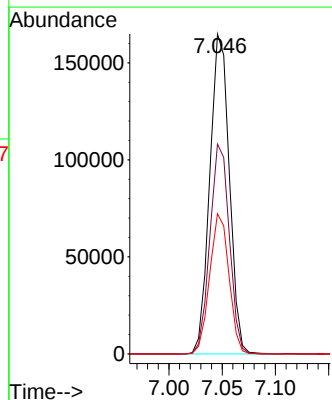
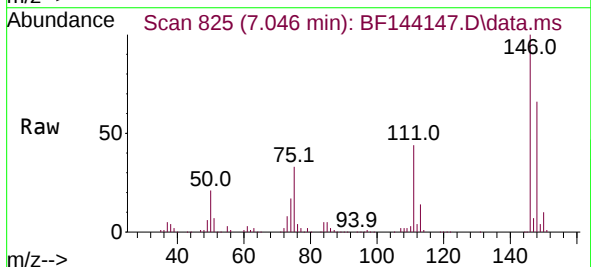
Instrument :
BNA_F
ClientSampleId :
PB170325BS

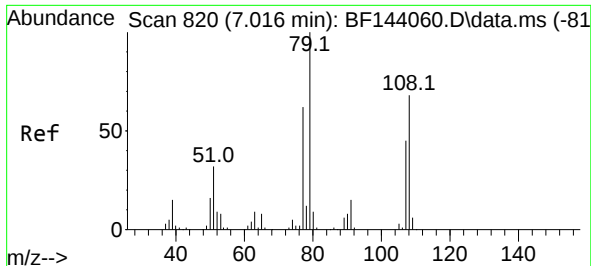
Tgt Ion:146 Resp: 219550
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
111 40.8 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 32.489 ng
RT: 7.046 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion:146 Resp: 210041
Ion Ratio Lower Upper
146 100
148 65.6 50.8 76.2
111 43.8 34.7 52.1

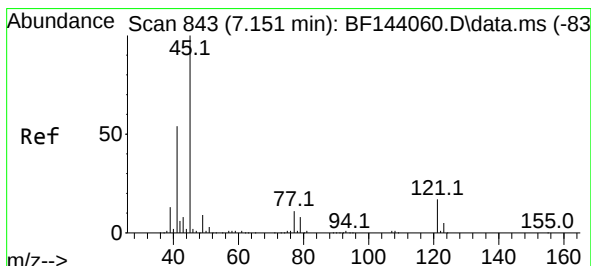
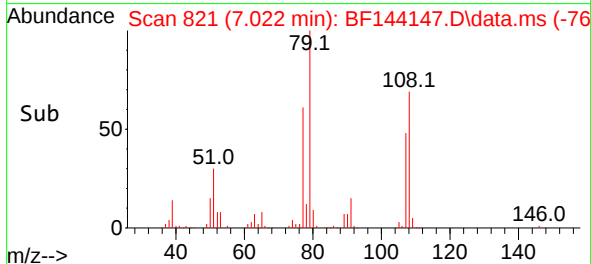
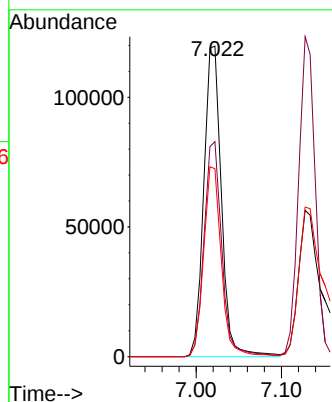
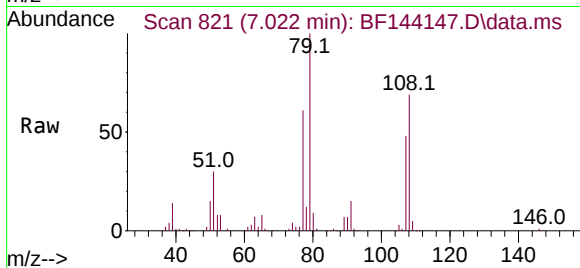




#15
Benzyl Alcohol
Concen: 34.349 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

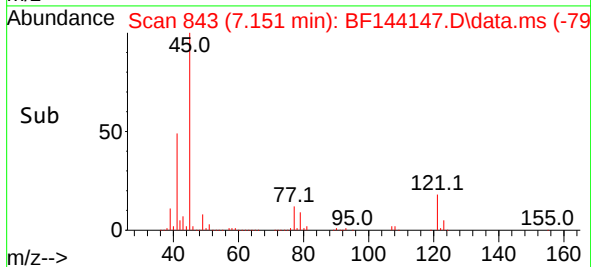
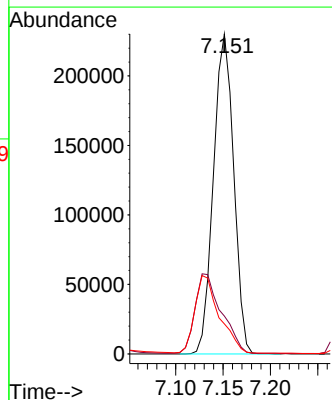
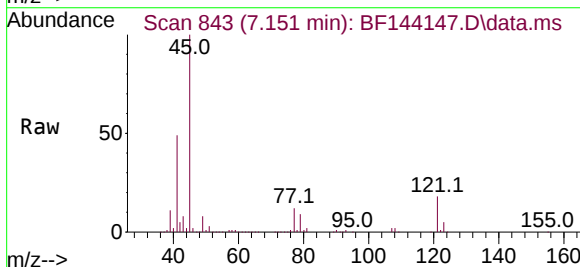
Instrument :
BNA_F
ClientSampleId :
PB170325BS

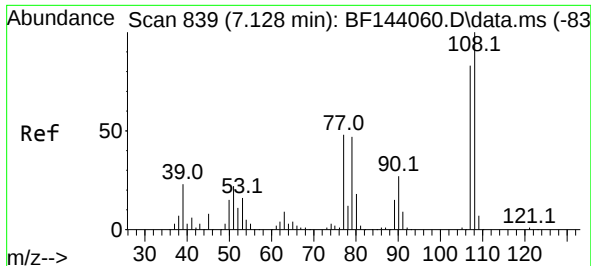
Tgt Ion: 79 Resp: 172150
Ion Ratio Lower Upper
79 100
108 69.2 54.8 82.2
77 60.5 49.4 74.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.177 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion: 45 Resp: 342614
Ion Ratio Lower Upper
45 100
77 11.9 0.0 30.9
79 9.4 0.0 28.2

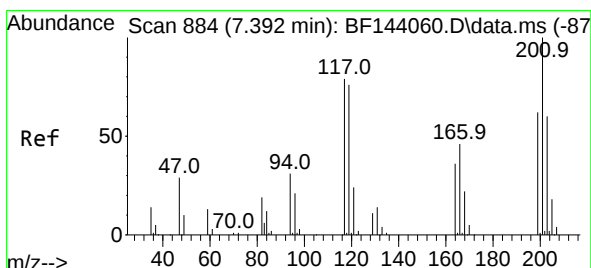
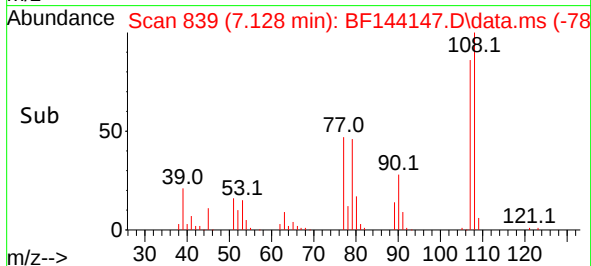
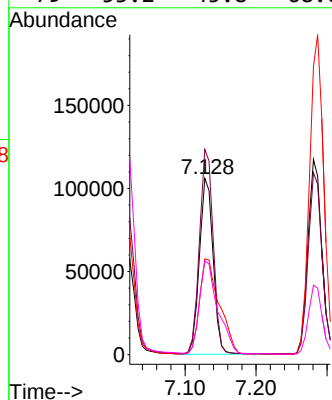
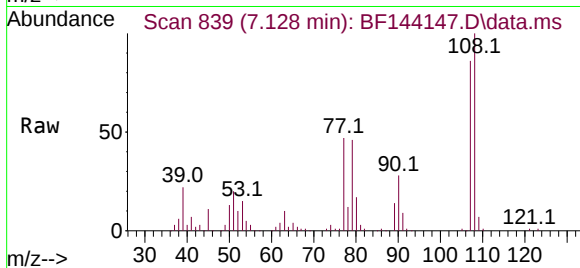




#17
2-Methylphenol
Concen: 33.590 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

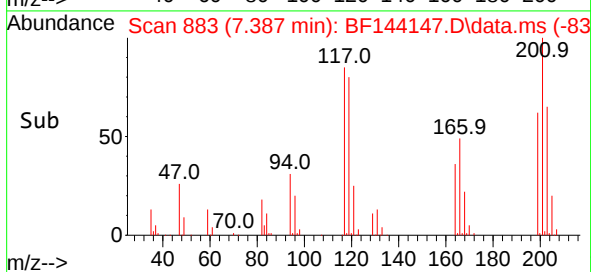
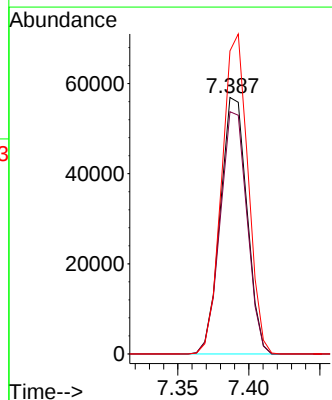
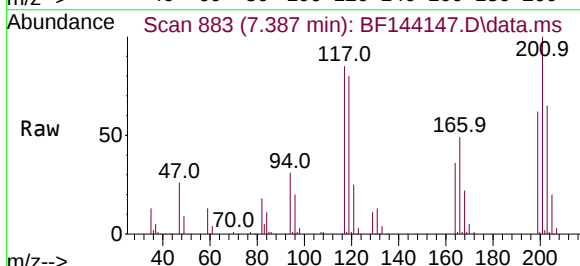
Instrument :
BNA_F
ClientSampleId :
PB170325BS

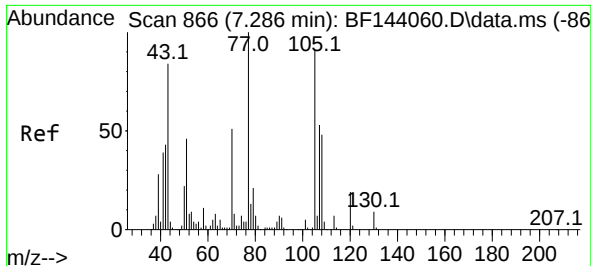
Tgt Ion:	107	Resp:	141988
Ion	Ratio	Lower	Upper
107	100		
108	116.4	96.4	144.6
77	54.4	46.8	70.2
79	53.2	45.8	68.6



#18
Hexachloroethane
Concen: 31.145 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

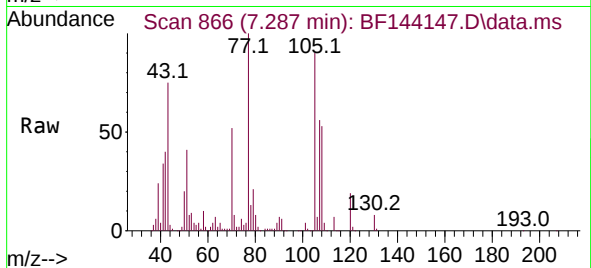
Tgt Ion:	117	Resp:	74398
Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.6	115.0
201	118.1	100.9	151.3



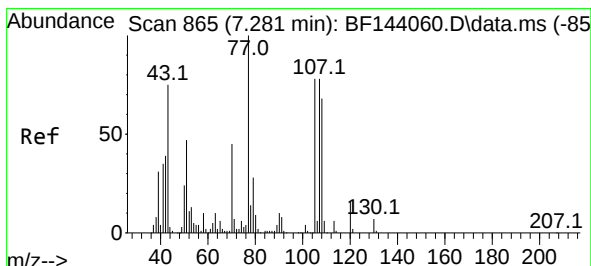
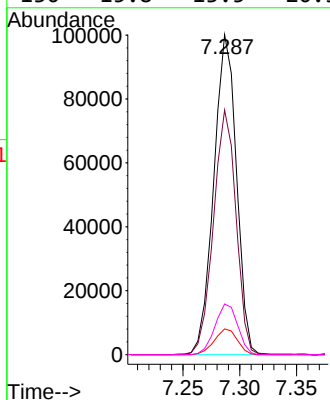
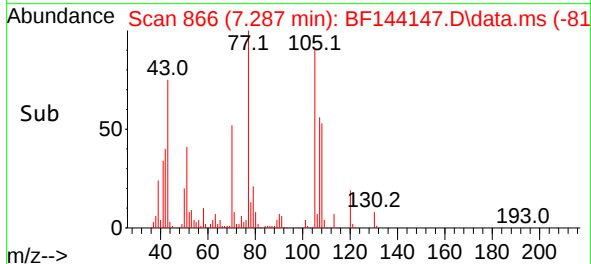


#19
n-Nitroso-di-n-propylamine
Concen: 34.842 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

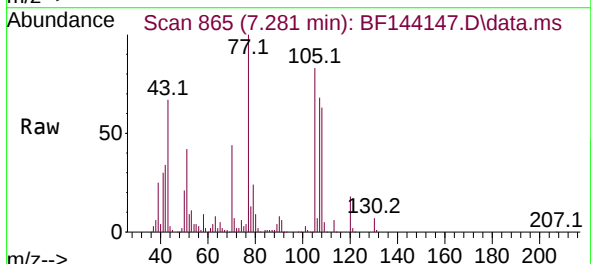
Instrument :
BNA_F
ClientSampleId :
PB170325BS



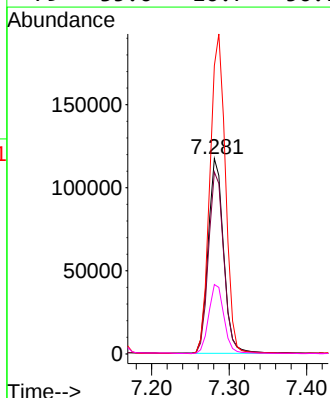
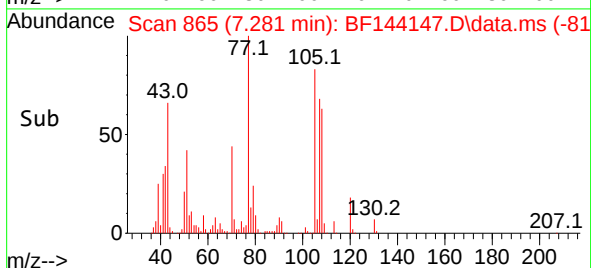
Tgt Ion: 70 Resp: 138872
Ion Ratio Lower Upper
70 100
42 76.4 67.4 101.0
101 8.0 7.1 10.7
130 15.8 13.5 20.3

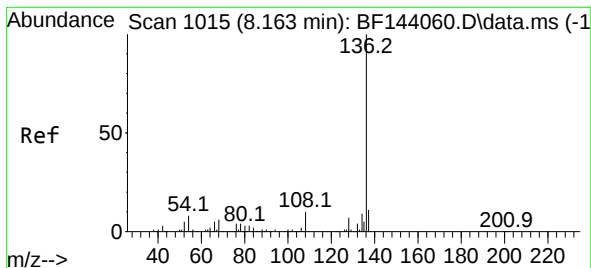


#20
3+4-Methylphenols
Concen: 32.477 ng
RT: 7.281 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06



Tgt Ion: 107 Resp: 162295
Ion Ratio Lower Upper
107 100
108 93.1 68.0 108.0
77 147.7 108.7 148.7
79 35.6 16.7 56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS

Tgt Ion:136 Resp: 339199

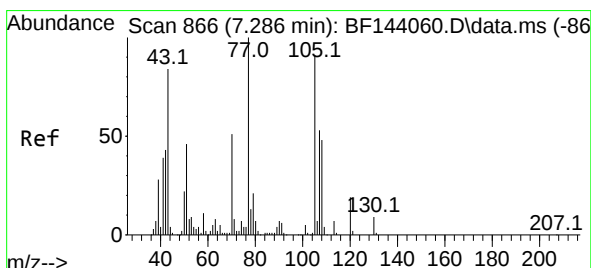
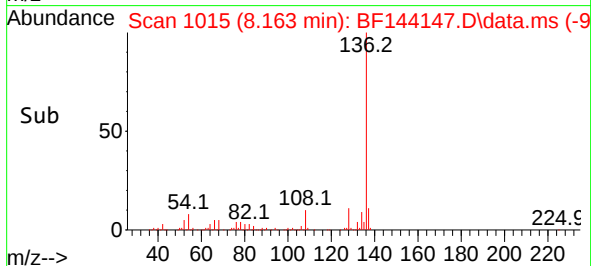
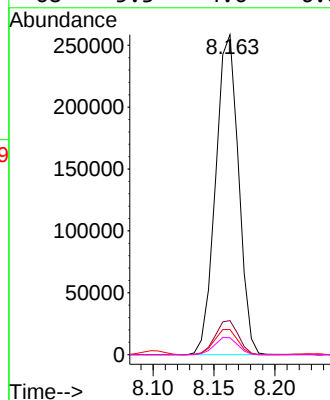
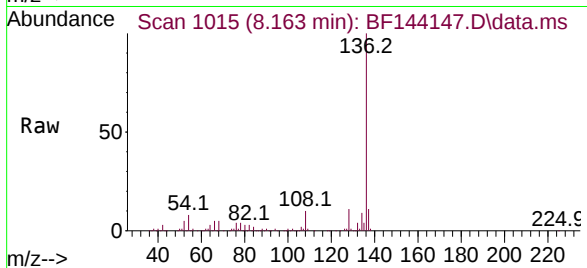
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 7.8 6.6 9.8

68 5.3 4.6 6.8



#22

Acetophenone

Concen: 32.808 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

Tgt Ion:105 Resp: 240496

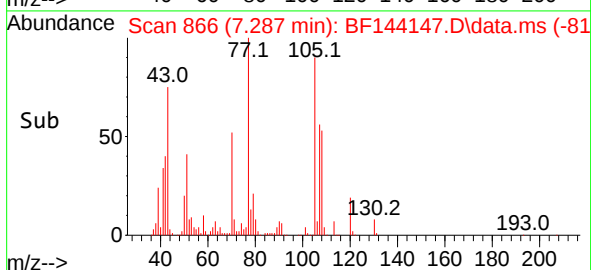
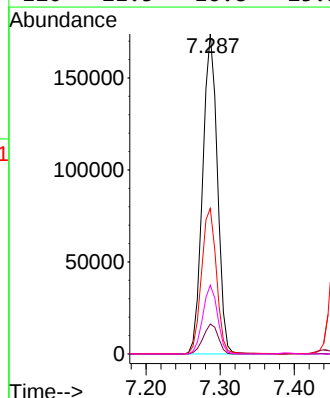
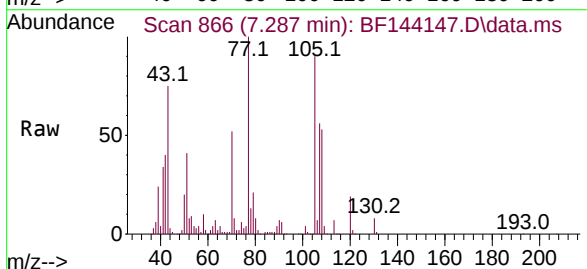
Ion Ratio Lower Upper

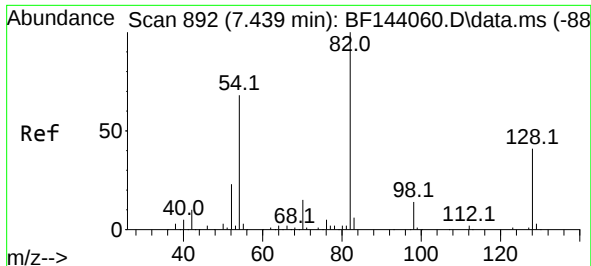
105 100

71 9.3 6.9 10.3

51 45.5 40.6 60.8

120 21.5 16.8 25.2





#23

Nitrobenzene-d5

Concen: 58.566 ng

RT: 7.440 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

Instrument :

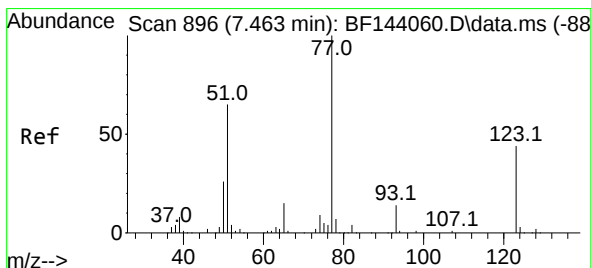
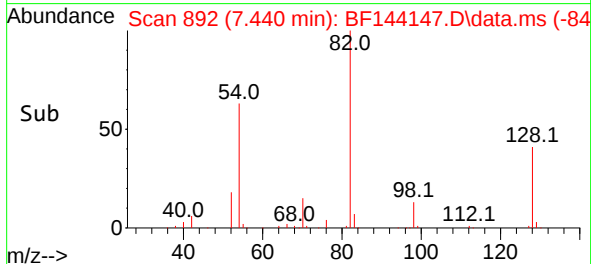
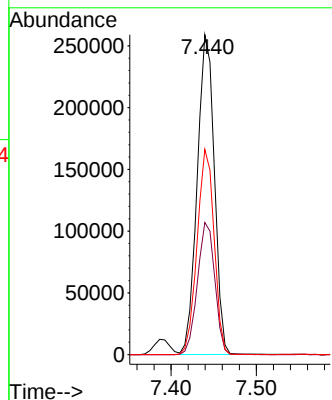
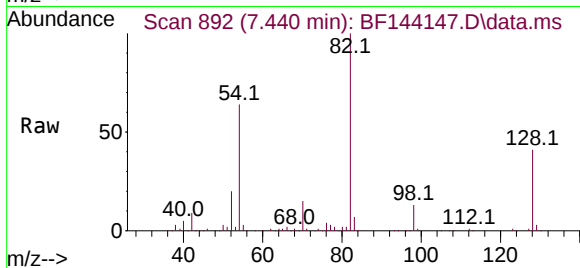
BNA_F

ClientSampleId :

PB170325BS

Tgt Ion: 82 Resp: 362597

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.4	48.6
54	64.1	54.0	81.0



#24

Nitrobenzene

Concen: 31.936 ng

RT: 7.463 min Scan# 896

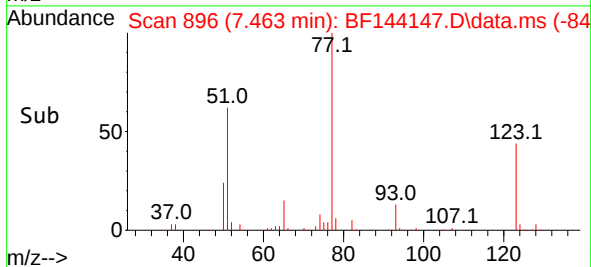
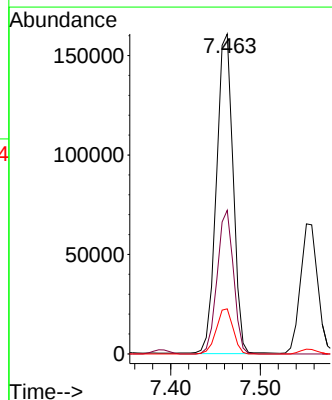
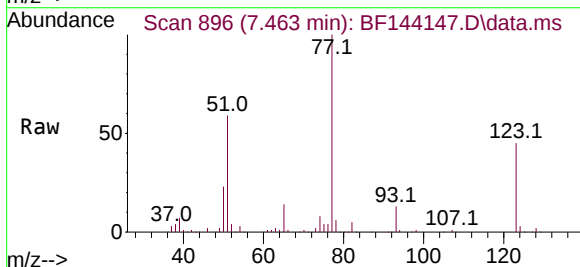
Delta R.T. 0.000 min

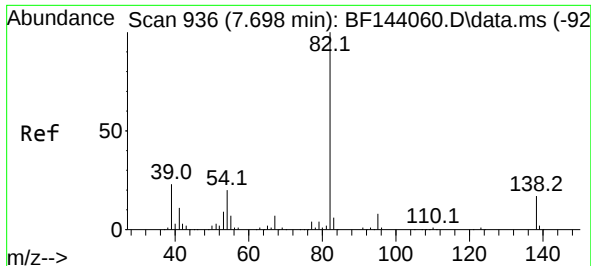
Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

Tgt Ion: 77 Resp: 209160

Ion	Ratio	Lower	Upper
77	100		
123	44.9	35.0	52.6
65	14.1	12.2	18.2

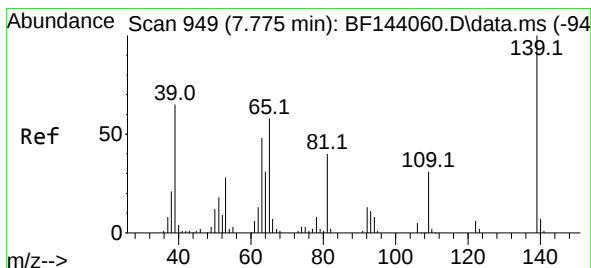
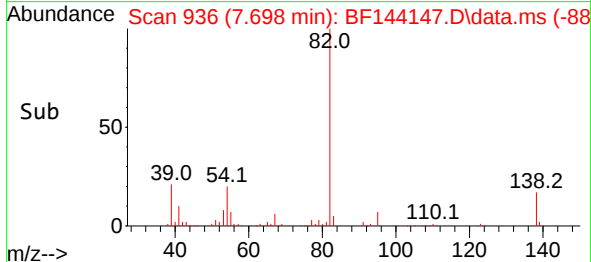
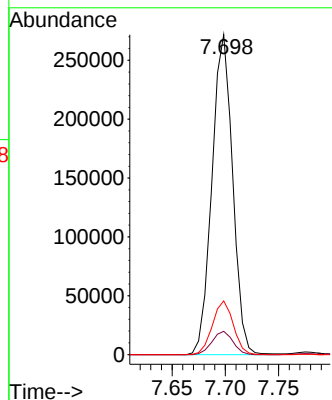
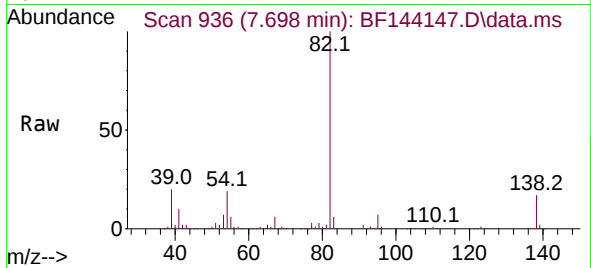




#25
Isophorone
Concen: 33.977 ng
RT: 7.698 min Scan# 936
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

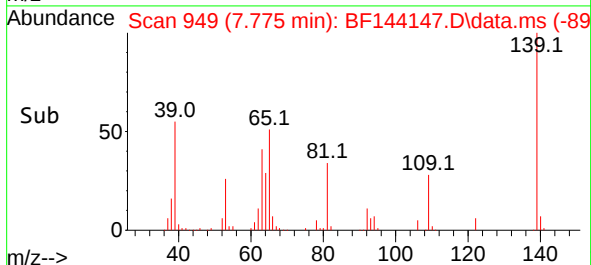
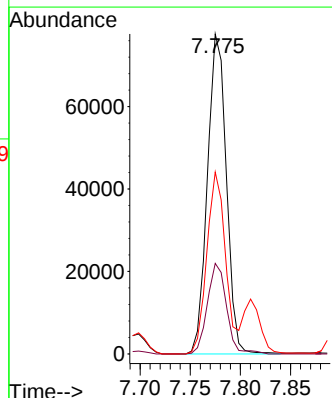
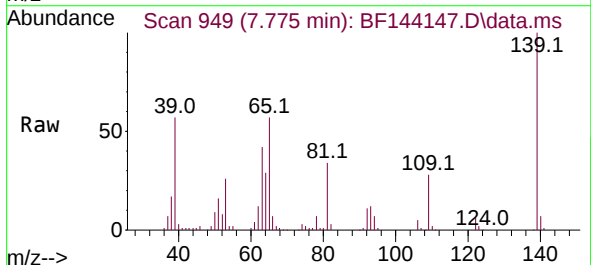
Instrument :
BNA_F
ClientSampleId :
PB170325BS

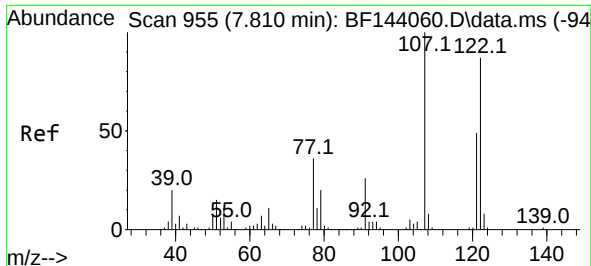
Tgt Ion: 82 Resp: 367778
Ion Ratio Lower Upper
82 100
95 7.3 6.6 9.8
138 16.8 13.8 20.8



#26
2-Nitrophenol
Concen: 32.667 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion: 139 Resp: 101778
Ion Ratio Lower Upper
139 100
109 28.3 24.6 37.0
65 56.8 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 36.234 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS

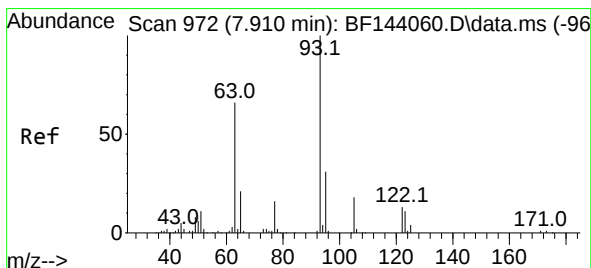
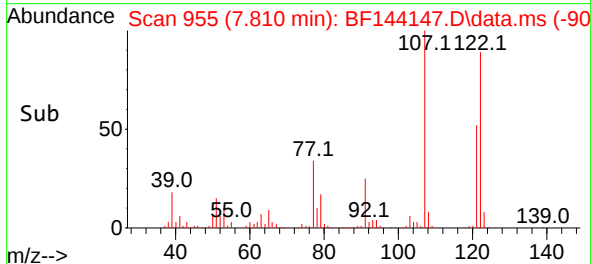
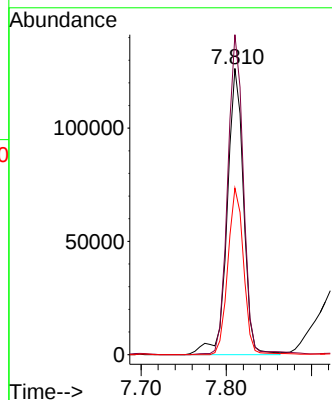
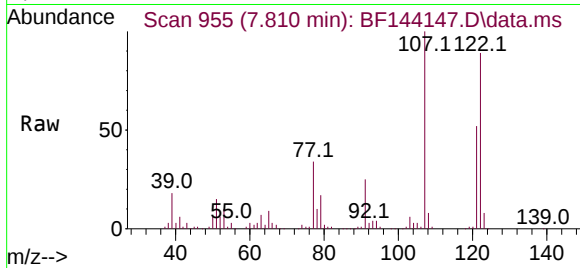
Tgt Ion:122 Resp: 167763

Ion Ratio Lower Upper

122 100

107 111.8 91.8 137.8

121 58.2 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 33.441 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

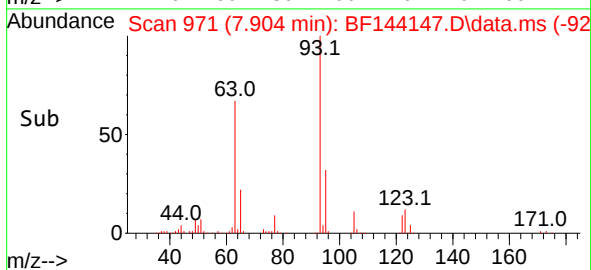
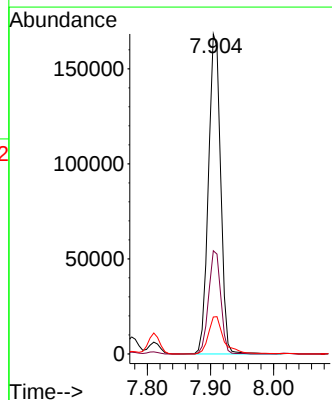
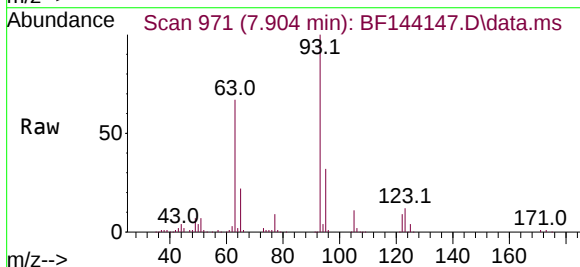
Tgt Ion: 93 Resp: 225732

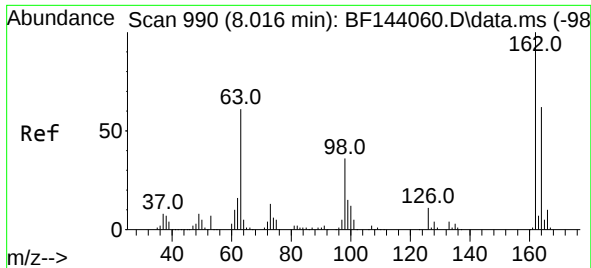
Ion Ratio Lower Upper

93 100

95 32.2 24.6 36.8

123 11.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 32.152 ng

RT: 8.016 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS

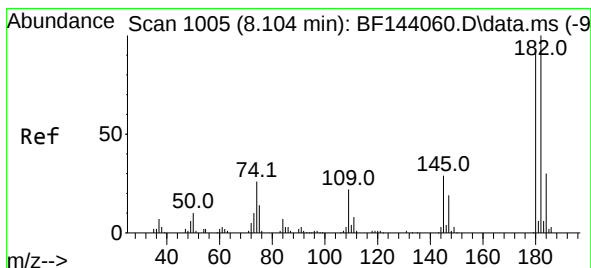
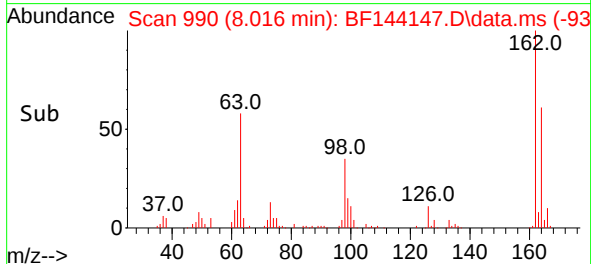
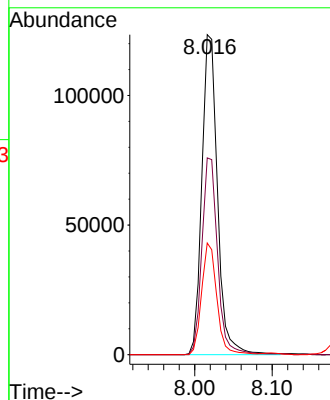
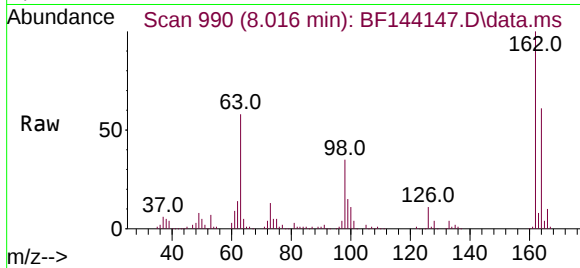
Tgt Ion:162 Resp: 173121

Ion Ratio Lower Upper

162 100

164 61.5 42.1 82.1

98 34.9 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 34.186 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

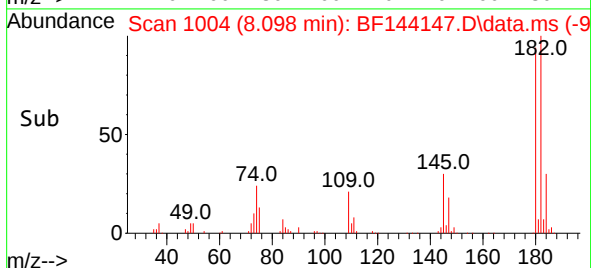
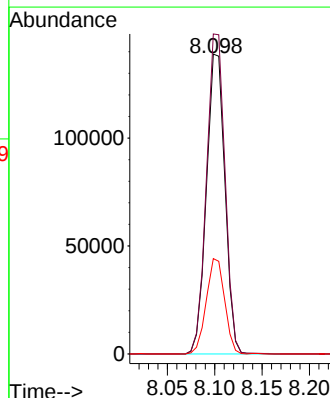
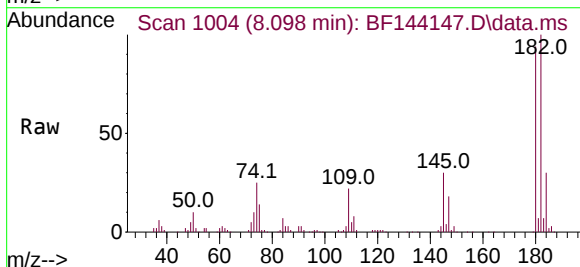
Tgt Ion:180 Resp: 189367

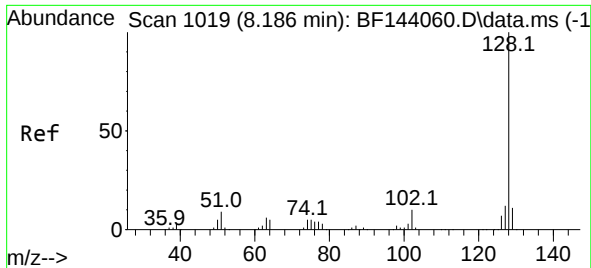
Ion Ratio Lower Upper

180 100

182 106.8 87.1 130.7

145 31.8 25.3 37.9

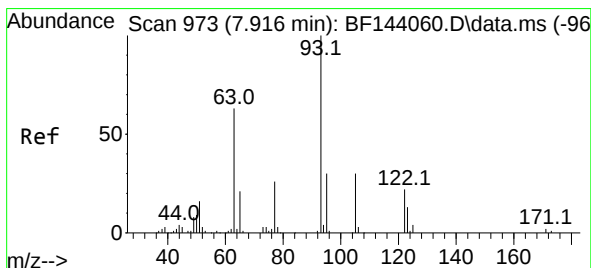
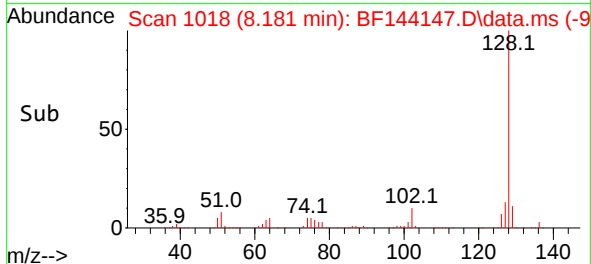
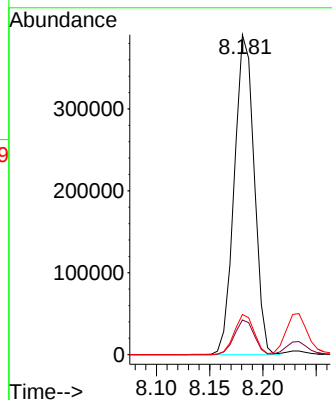
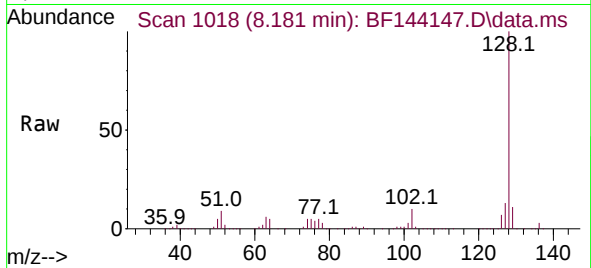




#31
Naphthalene
Concen: 31.596 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

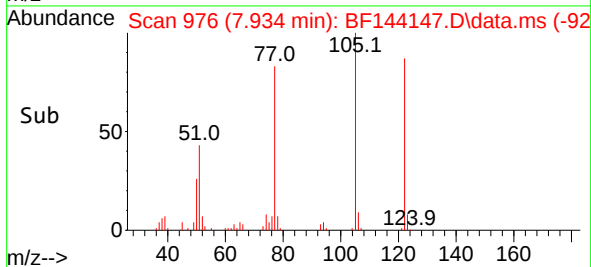
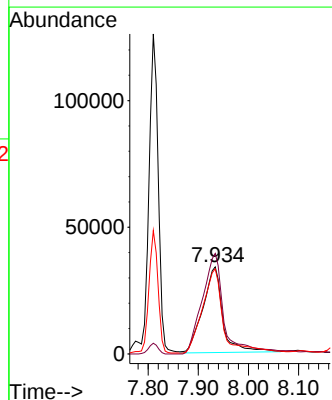
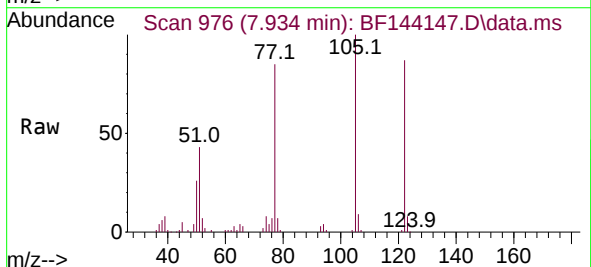
Instrument :
BNA_F
ClientSampleId :
PB170325BS

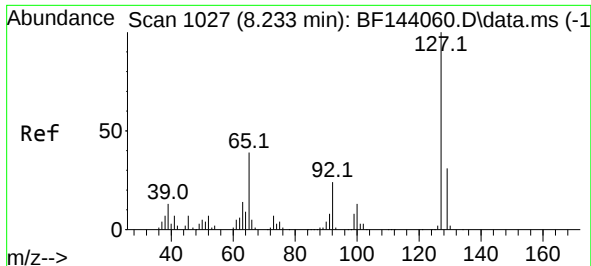
Tgt Ion:128 Resp: 505835
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 12.5 9.9 14.9



#32
Benzoic acid
Concen: 31.862 ng
RT: 7.934 min Scan# 976
Delta R.T. 0.018 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion:122 Resp: 93574
Ion Ratio Lower Upper
122 100
105 115.5 111.3 151.3
77 97.9 96.7 136.7

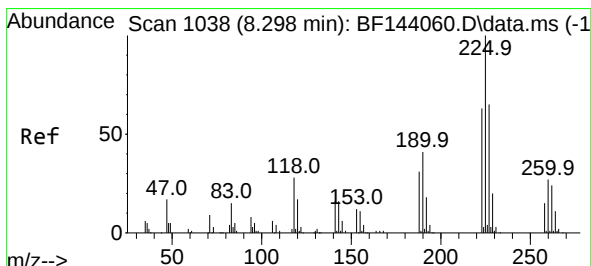
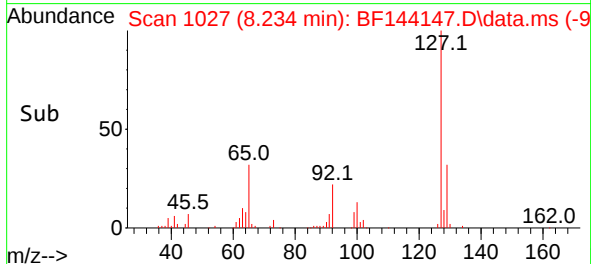
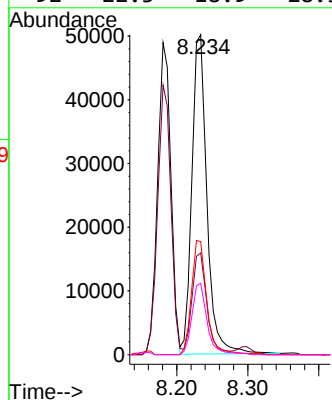
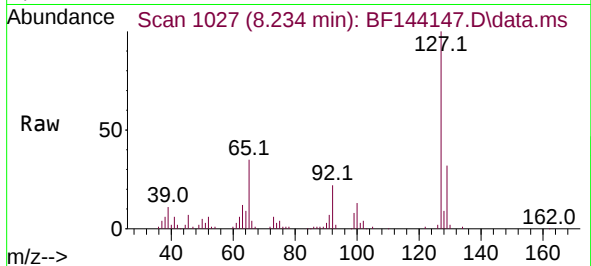




#33
4-Chloroaniline
Concen: 13.266 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

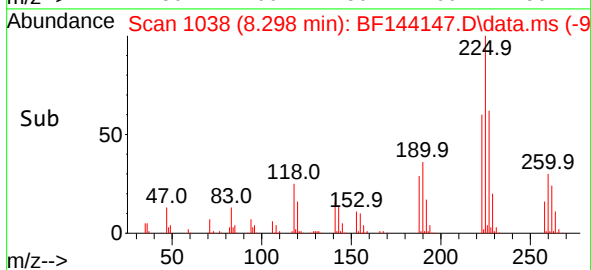
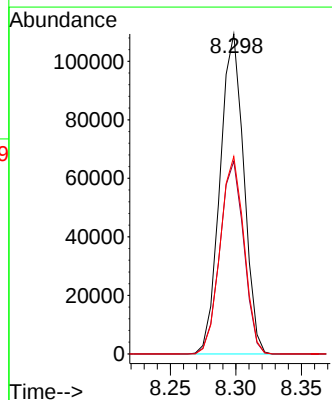
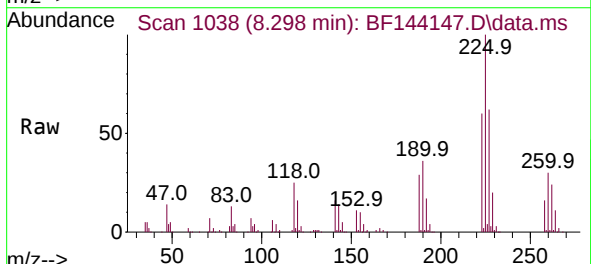
Instrument :
BNA_F
ClientSampleId :
PB170325BS

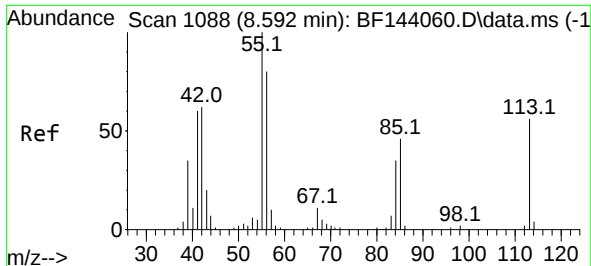
Tgt Ion:	127	Resp:	73936
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.6	38.4
65	35.4	30.9	46.3
92	22.3	18.9	28.3



#34
Hexachlorobutadiene
Concen: 30.455 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion:	225	Resp:	137944
Ion	Ratio	Lower	Upper
225	100		
223	60.2	50.6	76.0
227	61.7	51.8	77.8

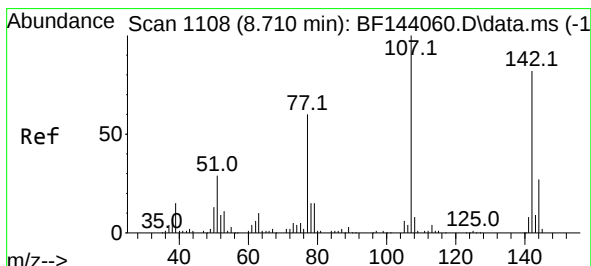
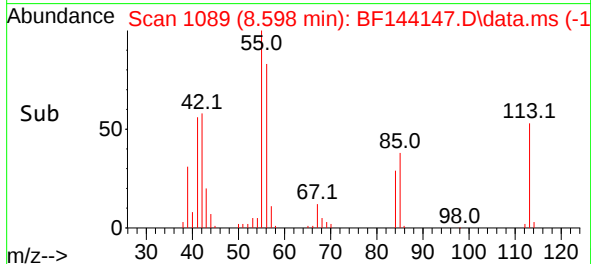
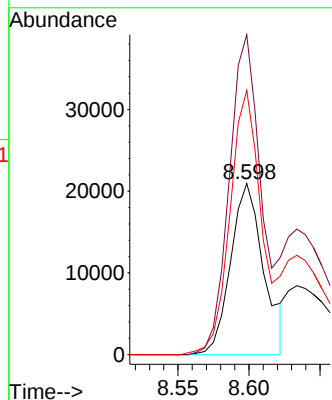
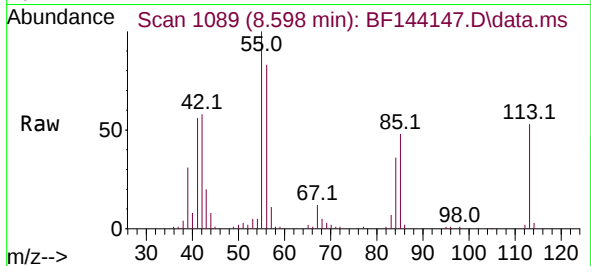




#35
 Caprolactam
 Concen: 25.075 ng
 RT: 8.598 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF144147.D
 Acq: 30 Oct 2025 18:06

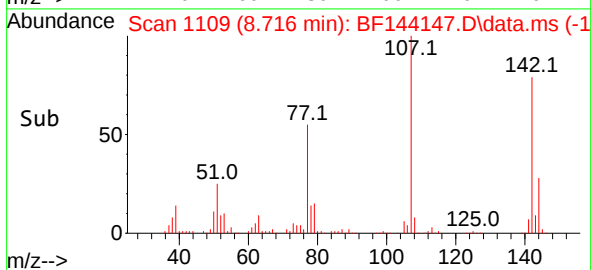
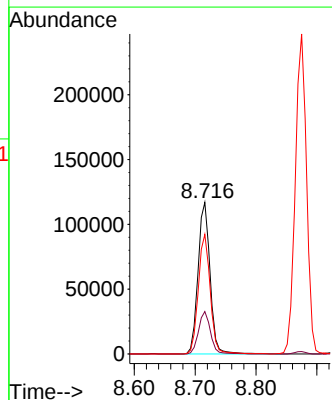
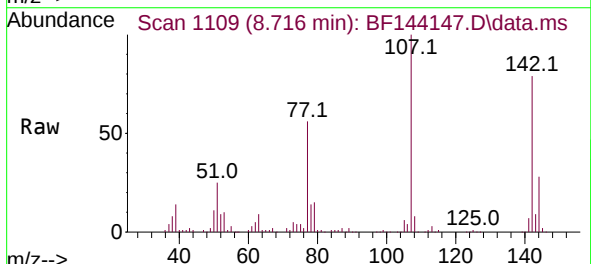
Instrument :
 BNA_F
 ClientSampleId :
 PB170325BS

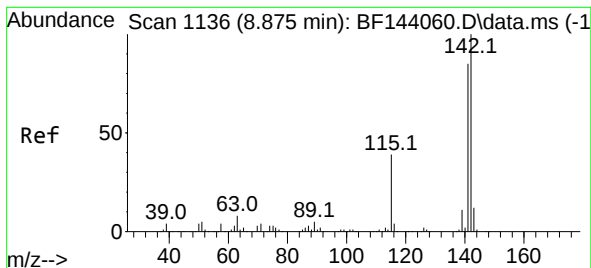
Tgt Ion:113 Resp: 33857
 Ion Ratio Lower Upper
 113 100
 55 187.0 160.1 200.1
 56 154.3 124.9 164.9



#36
 4-Chloro-3-methylphenol
 Concen: 33.717 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF144147.D
 Acq: 30 Oct 2025 18:06

Tgt Ion:107 Resp: 160207
 Ion Ratio Lower Upper
 107 100
 144 27.9 21.6 32.4
 142 78.8 65.4 98.0





#37

2-Methylnaphthalene

Concen: 29.930 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

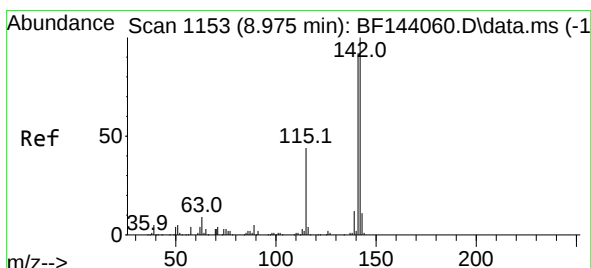
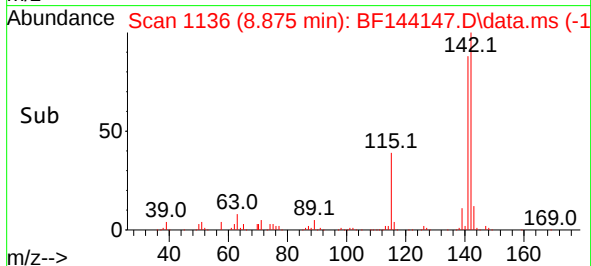
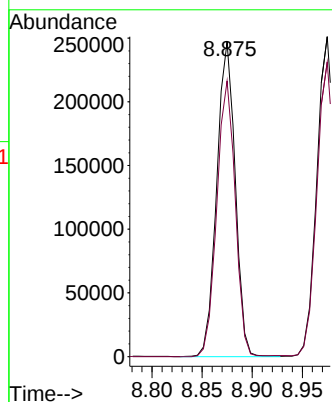
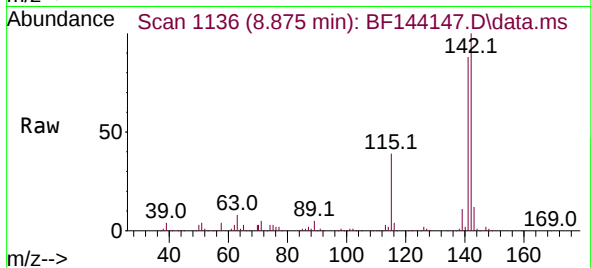
PB170325BS

Tgt Ion:142 Resp: 315917

Ion Ratio Lower Upper

142 100

141 87.6 67.6 101.4



#38

1-Methylnaphthalene

Concen: 31.817 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144147.D

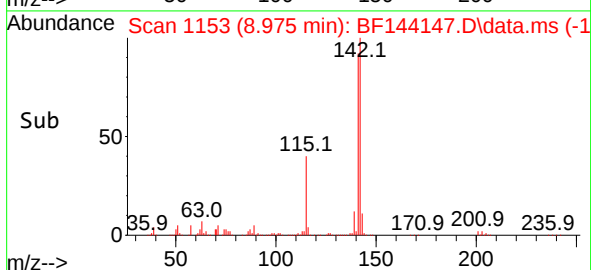
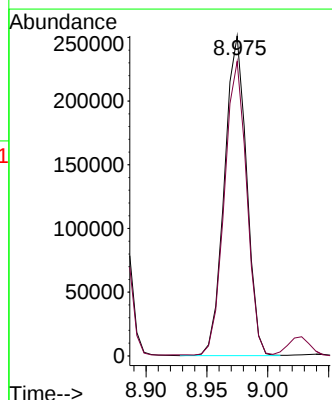
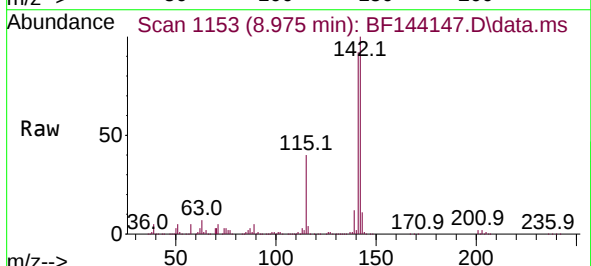
Acq: 30 Oct 2025 18:06

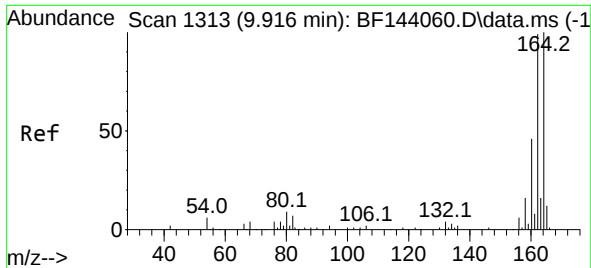
Tgt Ion:142 Resp: 318174

Ion Ratio Lower Upper

142 100

141 92.0 73.4 110.2

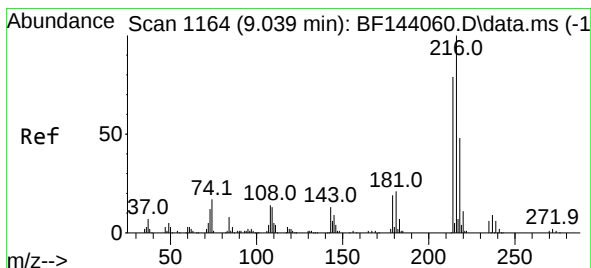
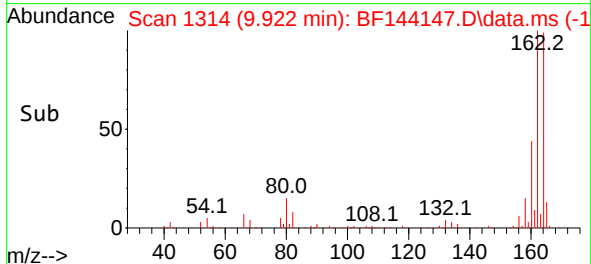
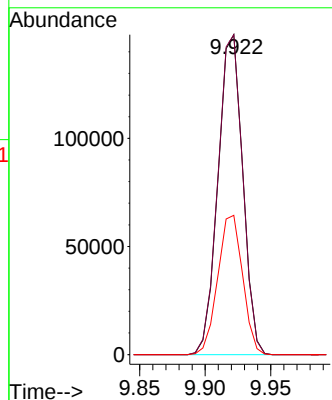
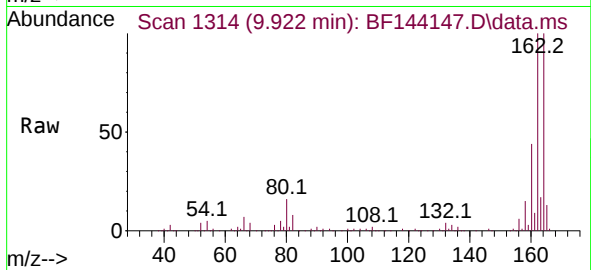




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.922 min Scan# 1313
 Delta R.T. 0.006 min
 Lab File: BF144147.D
 Acq: 30 Oct 2025 18:06

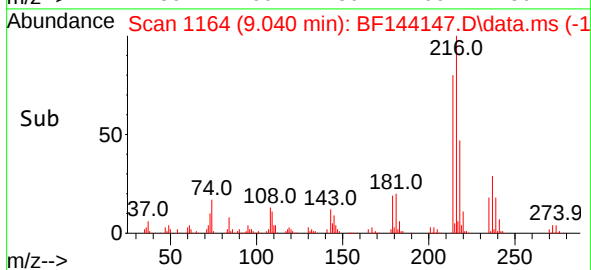
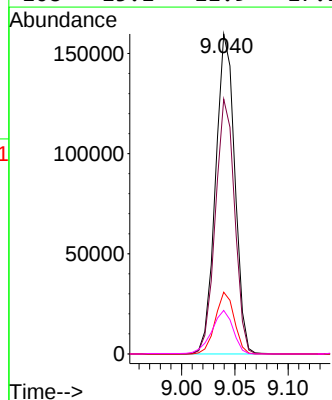
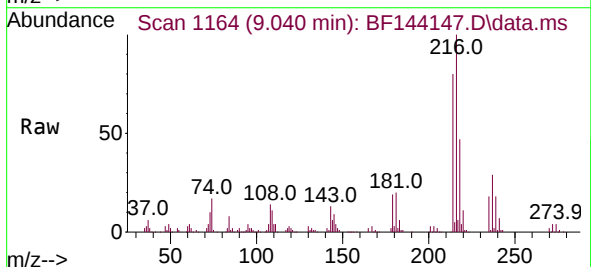
Instrument :
 BNA_F
 ClientSampleId :
 PB170325BS

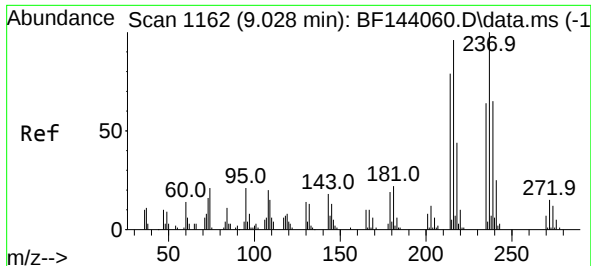
Tgt Ion:164 Resp: 193905
 Ion Ratio Lower Upper
 164 100
 162 100.0 79.4 119.2
 160 43.5 36.7 55.1



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.160 ng
 RT: 9.040 min Scan# 1164
 Delta R.T. 0.000 min
 Lab File: BF144147.D
 Acq: 30 Oct 2025 18:06

Tgt Ion:216 Resp: 200989
 Ion Ratio Lower Upper
 216 100
 214 79.5 63.2 94.8
 179 19.0 15.2 22.8
 108 15.1 11.9 17.9

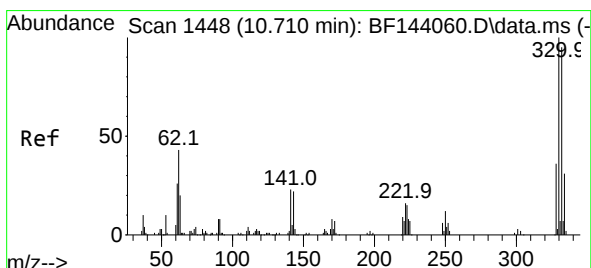
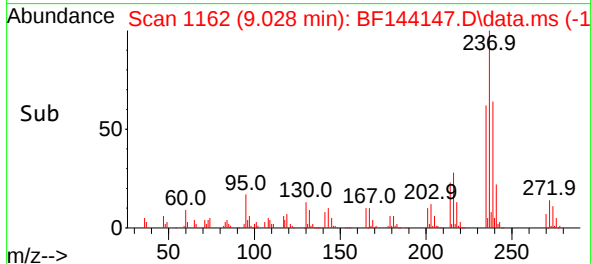
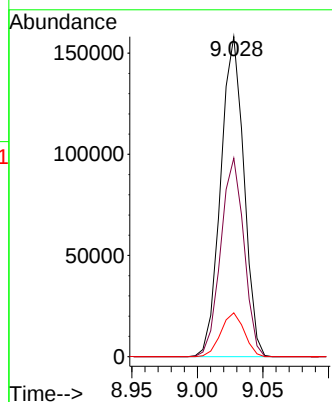
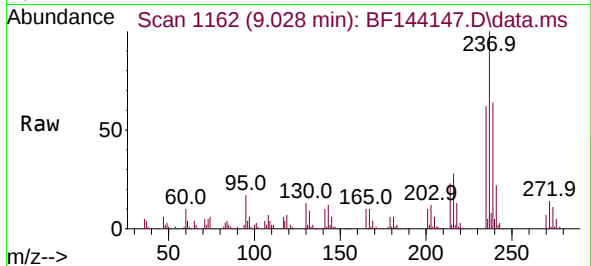




#41
Hexachlorocyclopentadiene
Concen: 94.839 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

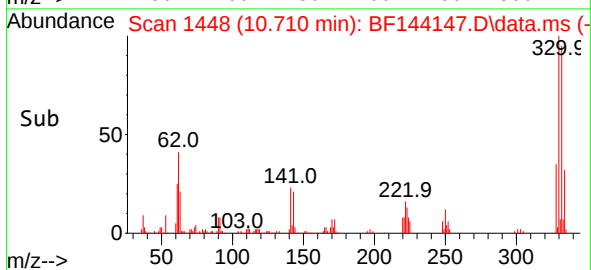
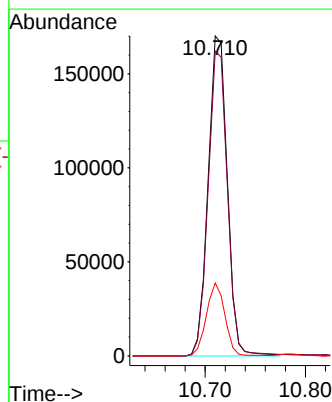
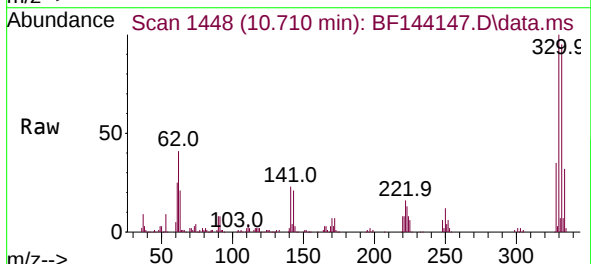
Instrument :
BNA_F
ClientSampleId :
PB170325BS

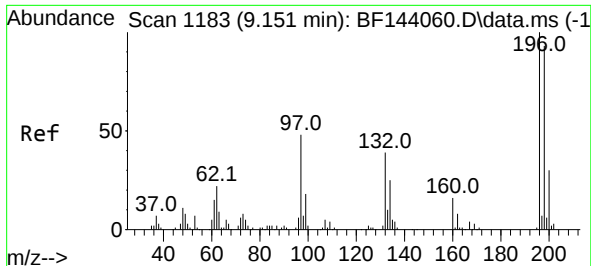
Tgt Ion:237 Resp: 195208
Ion Ratio Lower Upper
237 100
235 62.0 44.3 84.3
272 13.7 0.0 35.2



#42
2,4,6-Tribromophenol
Concen: 91.418 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion:330 Resp: 225799
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 22.0 19.4 29.0

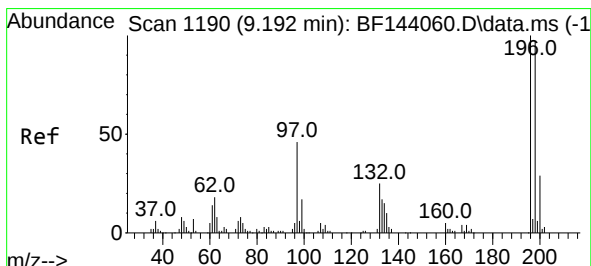
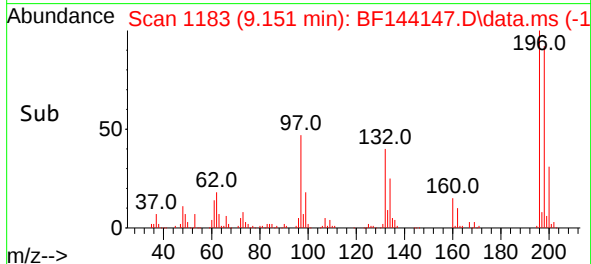
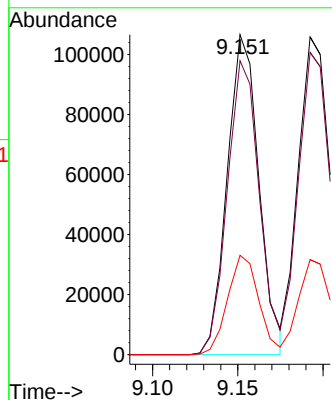
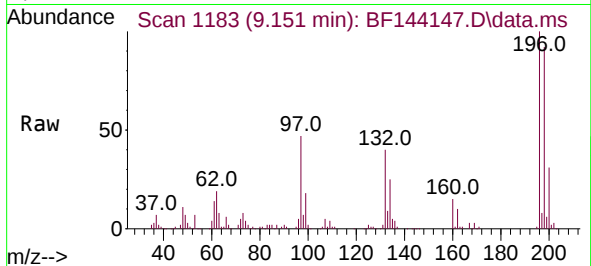




#43
2,4,6-Trichlorophenol
Concen: 31.820 ng
RT: 9.151 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

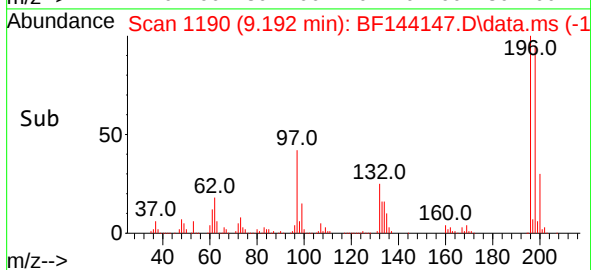
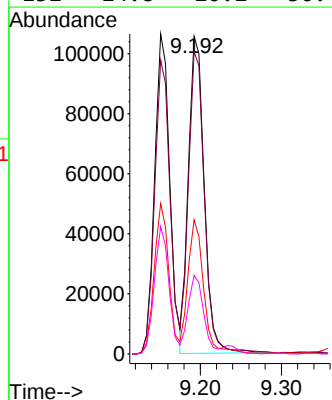
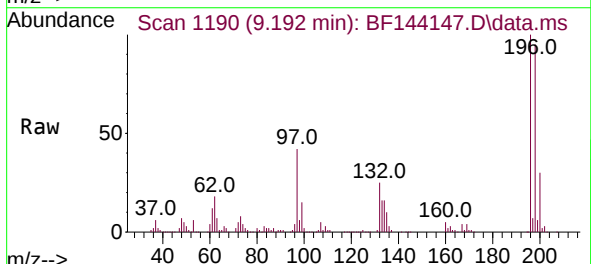
Instrument :
BNA_F
ClientSampleId :
PB170325BS

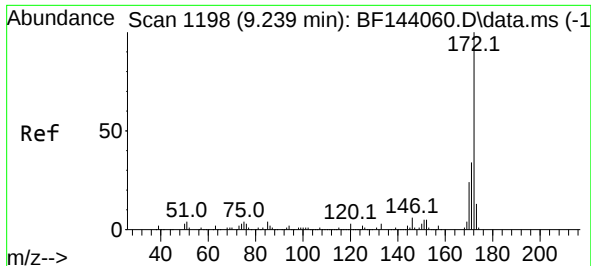
Tgt Ion:196 Resp: 137832
Ion Ratio Lower Upper
196 100
198 91.8 74.4 111.6
200 31.0 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 31.568 ng
RT: 9.192 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion:196 Resp: 143511
Ion Ratio Lower Upper
196 100
198 95.1 78.0 117.0
97 42.2 37.7 56.5
132 24.8 20.2 30.4

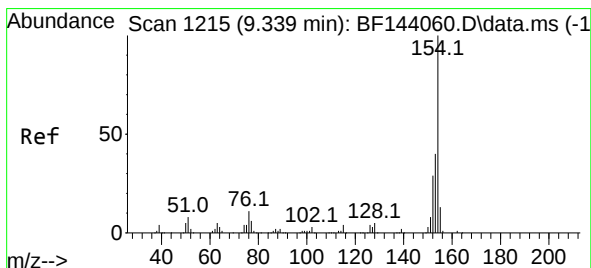
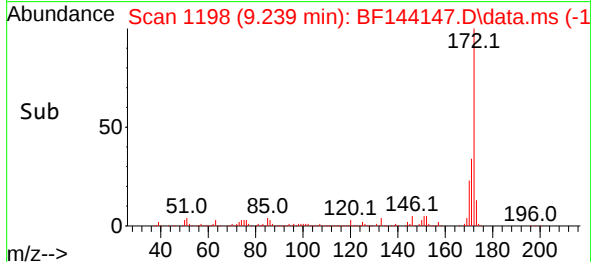
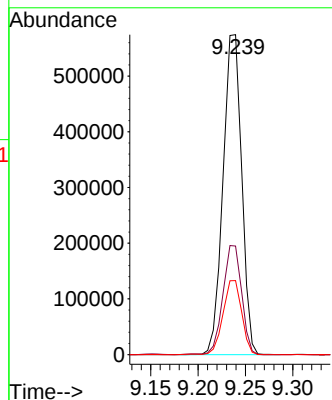
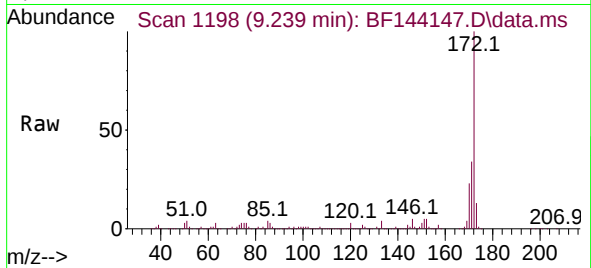




#45
2-Fluorobiphenyl
Concen: 57.035 ng
RT: 9.239 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

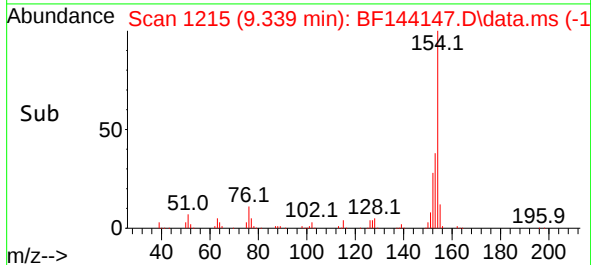
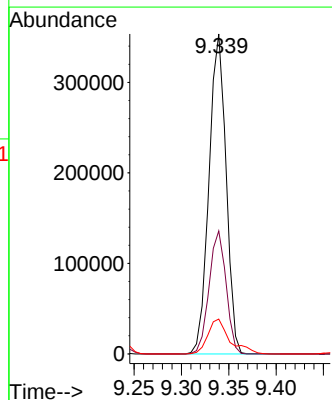
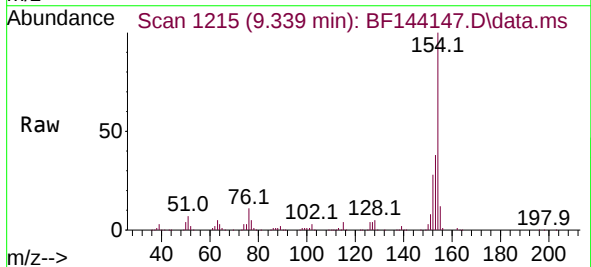
Instrument :
BNA_F
ClientSampleId :
PB170325BS

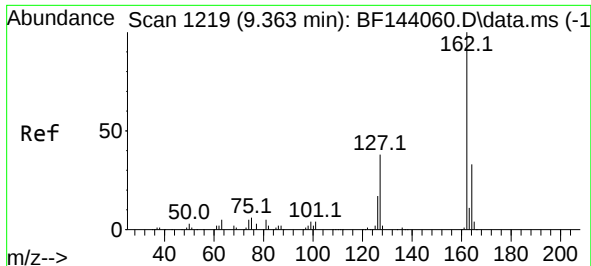
Tgt Ion:172 Resp: 785905
Ion Ratio Lower Upper
172 100
171 33.9 27.5 41.3
170 23.1 19.0 28.6



#46
1,1'-Biphenyl
Concen: 31.971 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion:154 Resp: 443771
Ion Ratio Lower Upper
154 100
153 38.4 19.7 59.7
76 10.9 0.0 31.1





#47

2-Chloronaphthalene

Concen: 30.850 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS

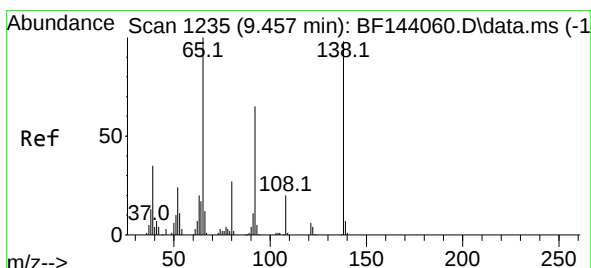
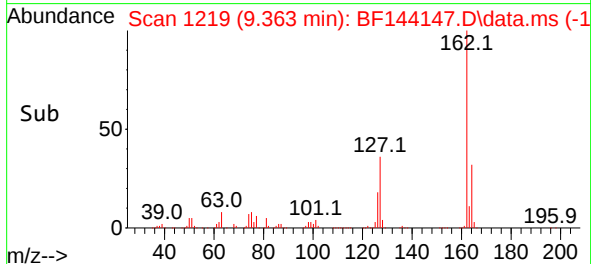
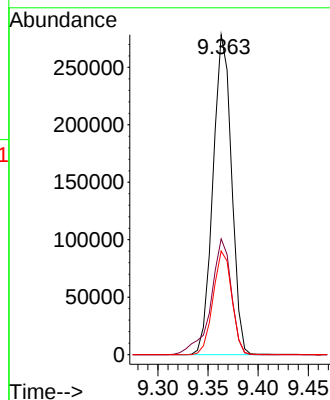
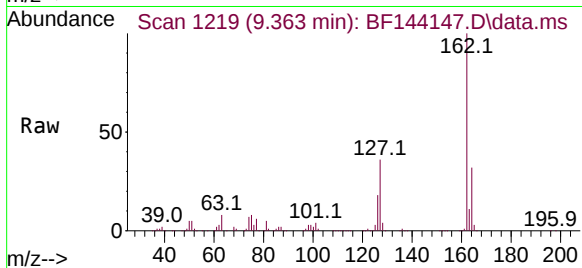
Tgt Ion:162 Resp: 358751

Ion Ratio Lower Upper

162 100

127 36.2 31.6 47.4

164 32.4 26.5 39.7



#48

2-Nitroaniline

Concen: 32.155 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

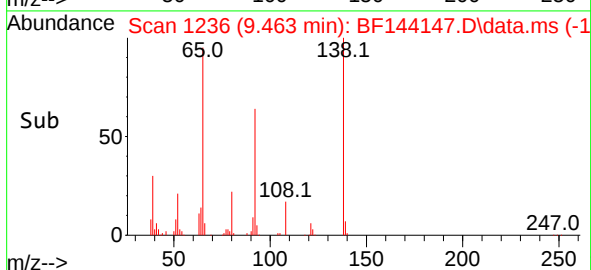
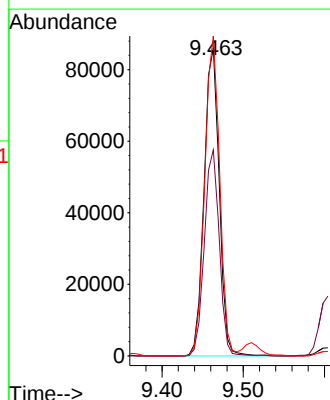
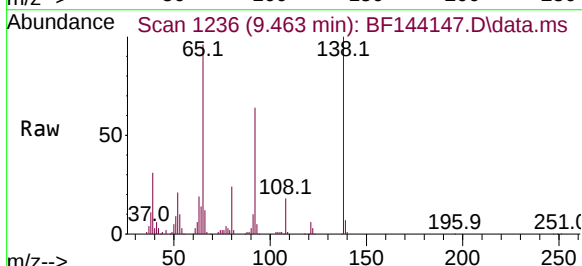
Tgt Ion: 65 Resp: 111036

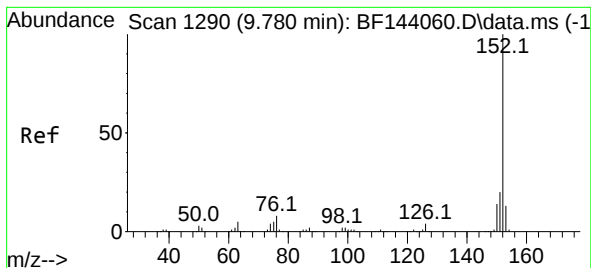
Ion Ratio Lower Upper

65 100

92 67.0 52.3 78.5

138 104.0 78.3 117.5





#49

Acenaphthylene

Concen: 35.991 ng

RT: 9.781 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS

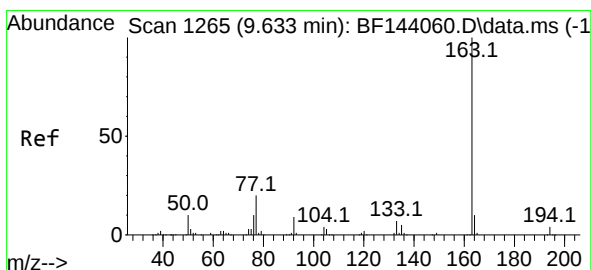
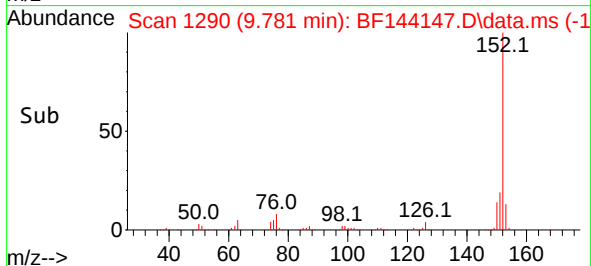
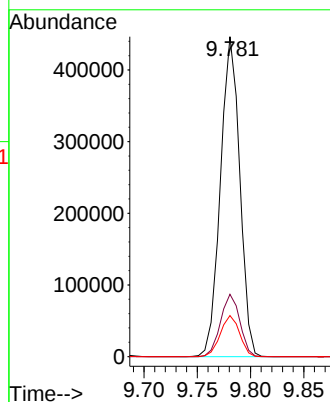
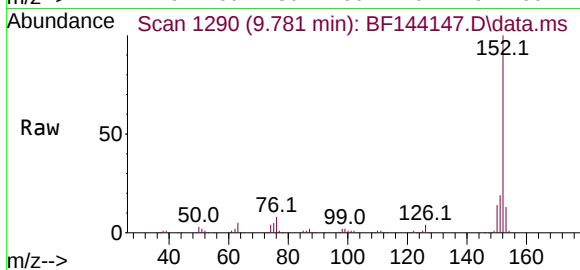
Tgt Ion:152 Resp: 564327

Ion Ratio Lower Upper

152 100

151 19.5 15.9 23.9

153 12.8 10.4 15.6



#50

Dimethylphthalate

Concen: 33.441 ng

RT: 9.639 min Scan# 1266

Delta R.T. 0.006 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

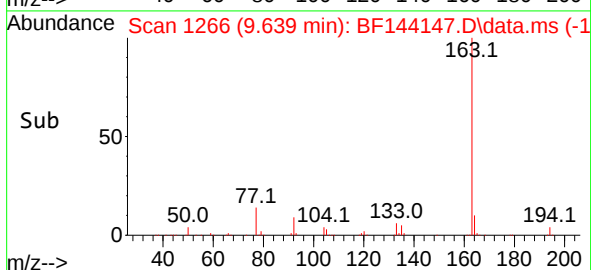
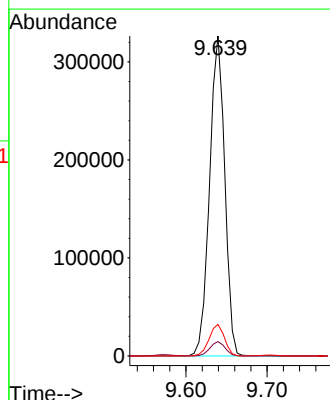
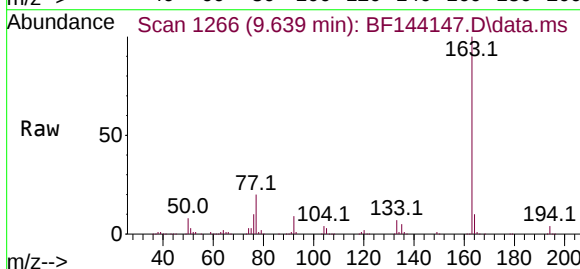
Tgt Ion:163 Resp: 425035

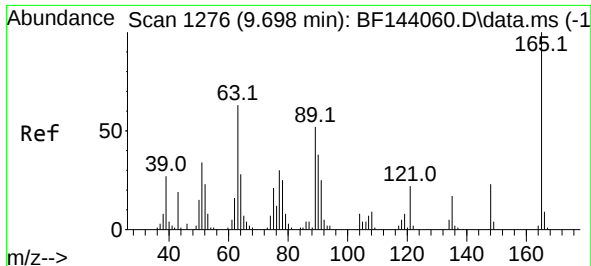
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

164 9.8 7.8 11.8

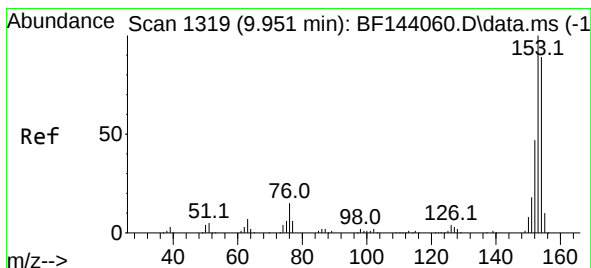
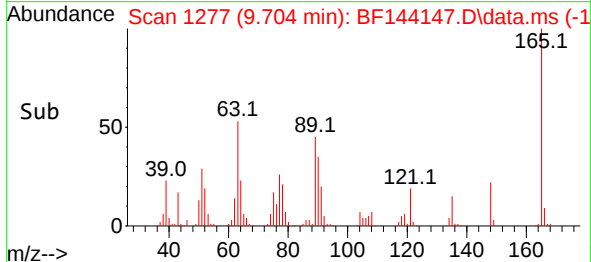
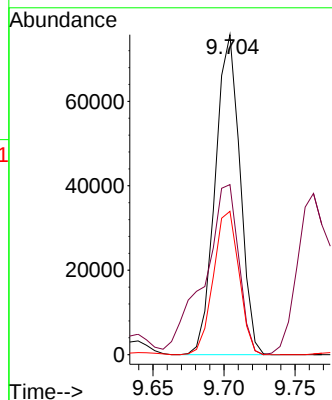
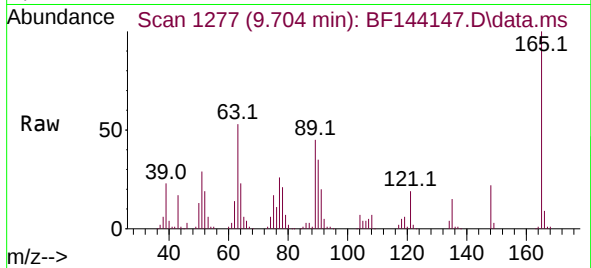




#51
2,6-Dinitrotoluene
Concen: 36.640 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

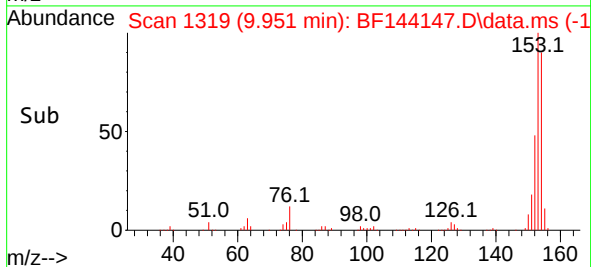
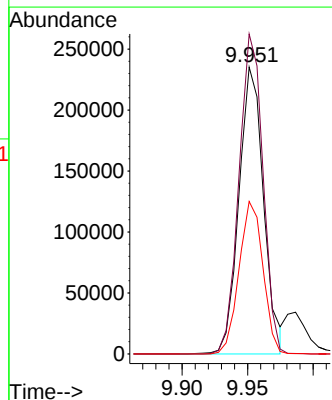
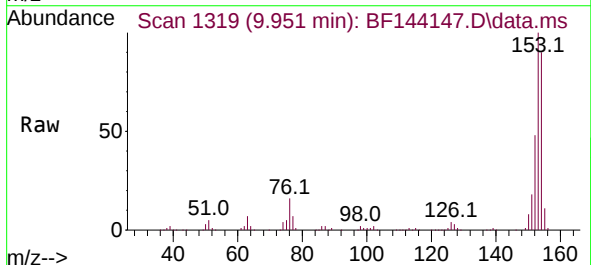
Instrument :
BNA_F
ClientSampleId :
PB170325BS

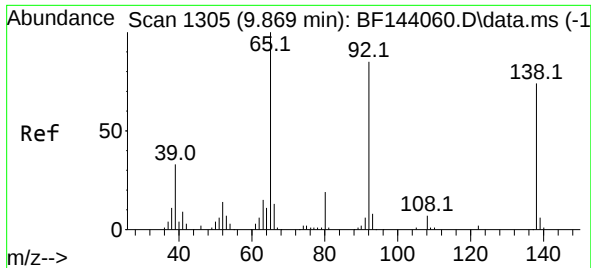
Tgt Ion:165 Resp: 92065
Ion Ratio Lower Upper
165 100
63 53.1 50.4 75.6
89 44.8 41.4 62.2



#52
Acenaphthene
Concen: 29.298 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion:154 Resp: 306797
Ion Ratio Lower Upper
154 100
153 111.6 89.9 134.9
152 53.1 42.0 63.0

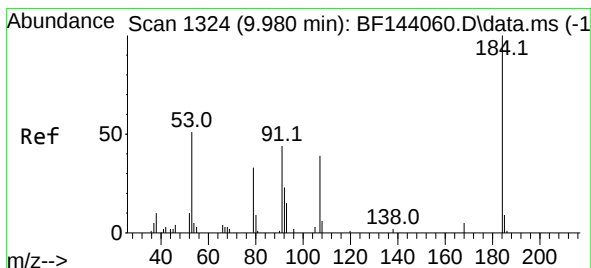
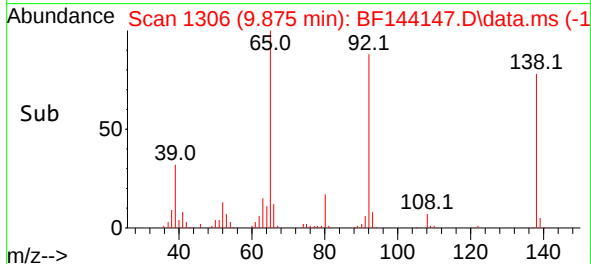
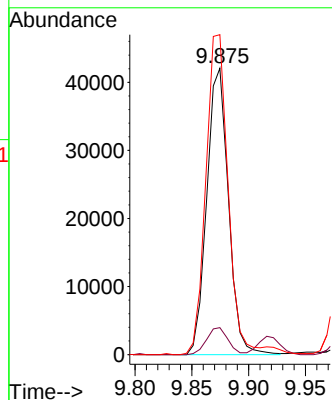
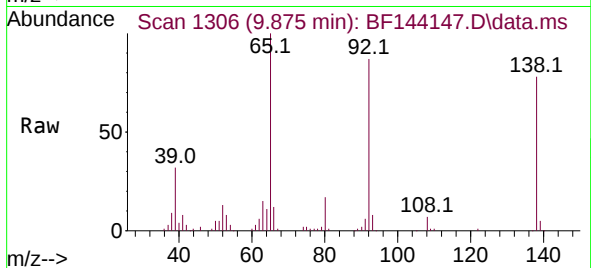




#53
3-Nitroaniline
Concen: 20.016 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

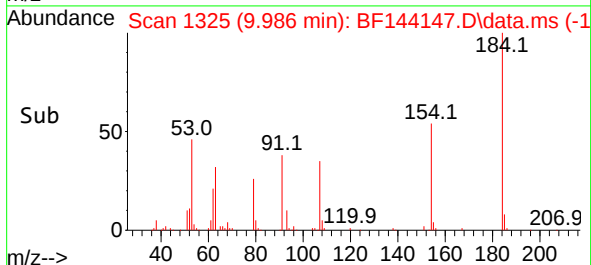
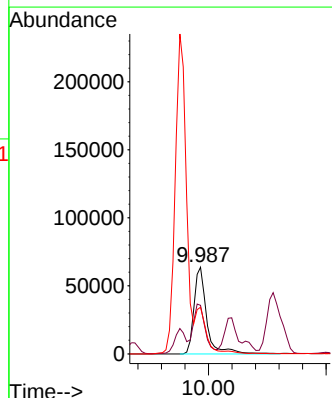
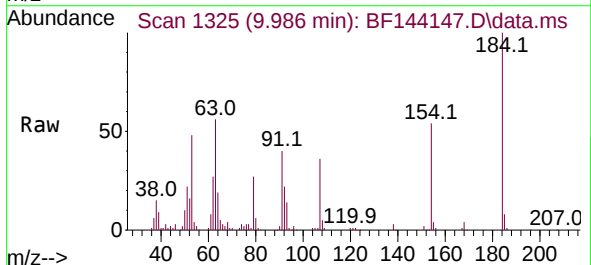
Instrument :
BNA_F
ClientSampleId :
PB170325BS

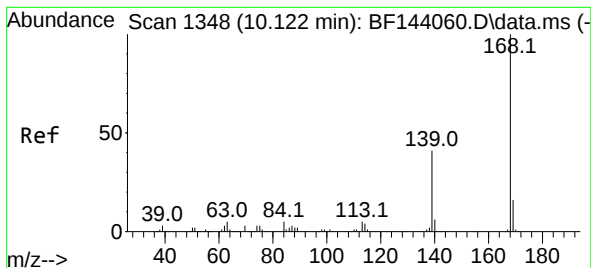
Tgt Ion:138 Resp: 55916
Ion Ratio Lower Upper
138 100
108 9.4 7.9 11.9
92 111.8 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 70.584 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion:184 Resp: 95924
Ion Ratio Lower Upper
184 100
63 56.0 52.1 78.1
154 53.8 47.9 71.9





#55

Dibenzofuran

Concen: 32.570 ng

RT: 10.128 min Scan# 1348

Delta R.T. 0.006 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS

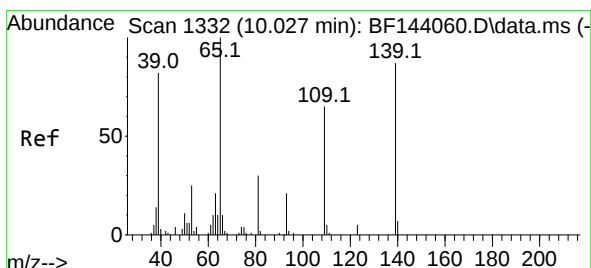
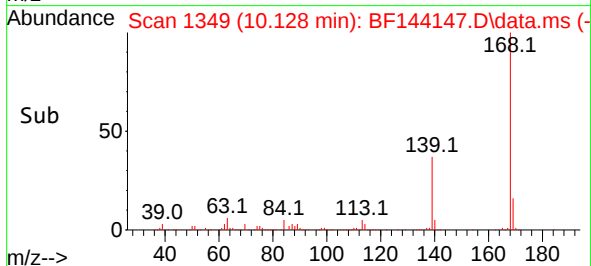
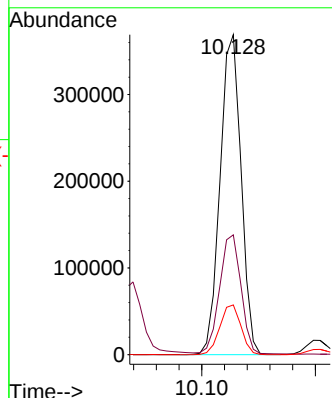
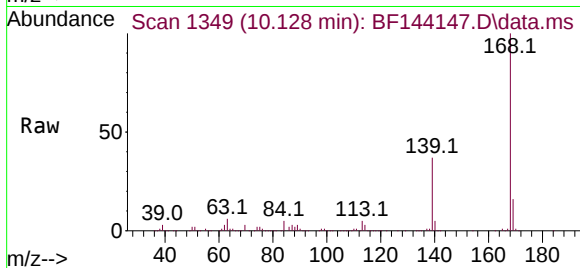
Tgt Ion:168 Resp: 473493

Ion Ratio Lower Upper

168 100

139 37.4 33.2 49.8

169 15.5 12.6 19.0



#56

4-Nitrophenol

Concen: 62.449 ng

RT: 10.039 min Scan# 1334

Delta R.T. 0.012 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

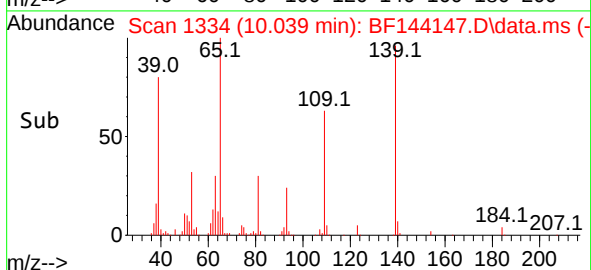
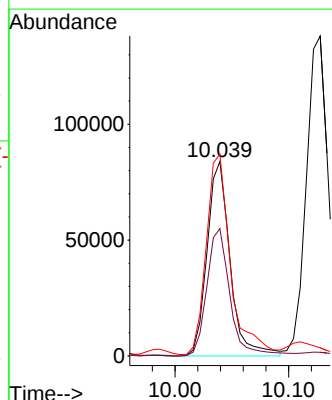
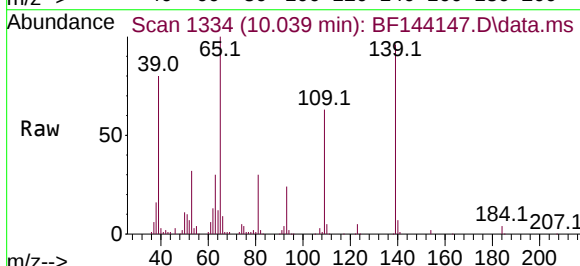
Tgt Ion:139 Resp: 118137

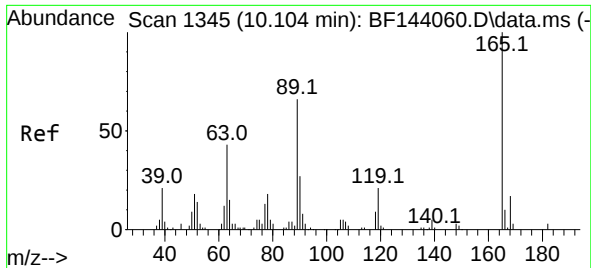
Ion Ratio Lower Upper

139 100

109 65.5 53.8 93.8

65 103.9 95.9 135.9

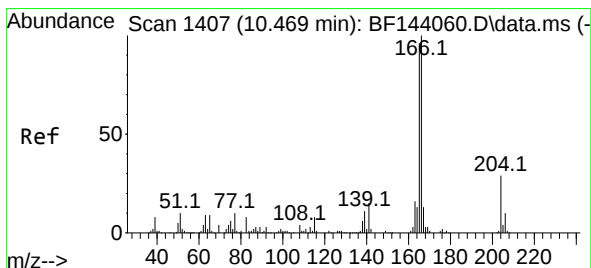
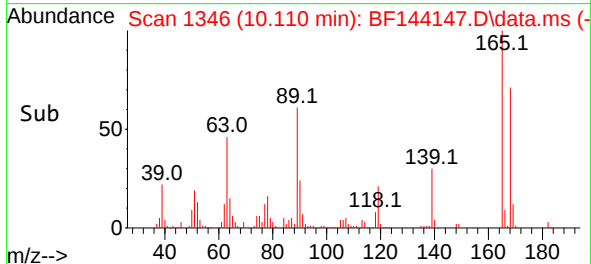
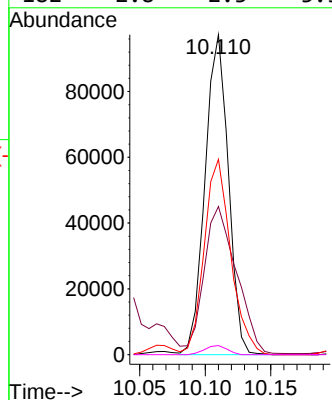
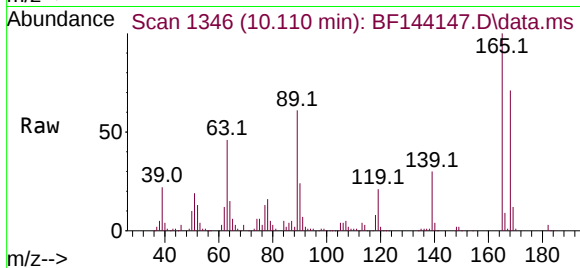




#57
2,4-Dinitrotoluene
Concen: 35.468 ng
RT: 10.110 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

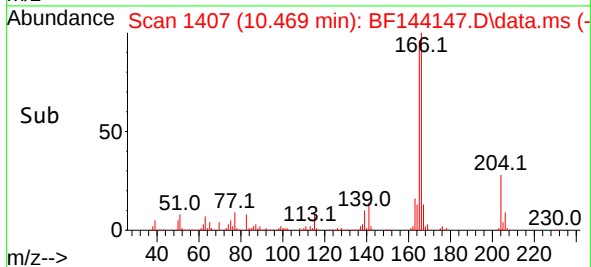
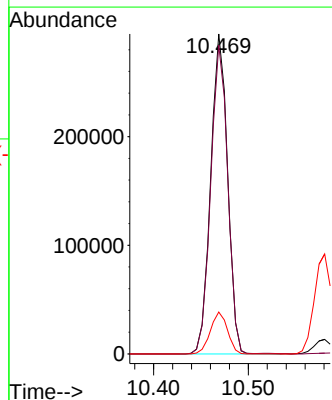
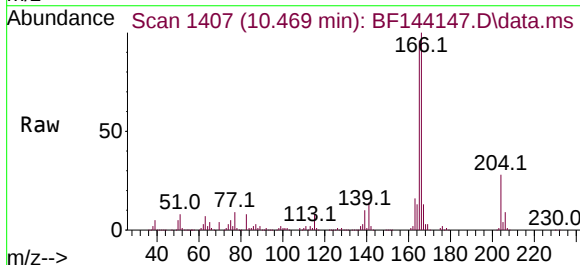
Instrument :
BNA_F
ClientSampleId :
PB170325BS

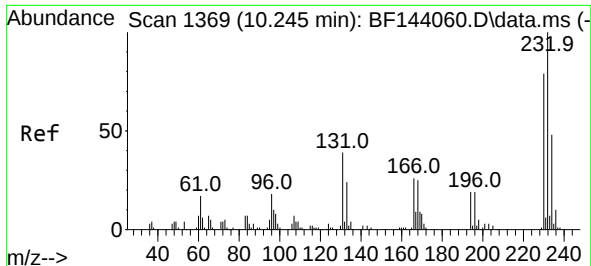
Tgt Ion:165 Resp: 120280
Ion Ratio Lower Upper
165 100
63 46.3 35.4 53.2
89 61.0 52.7 79.1
182 2.8 2.3 3.5



#58
Fluorene
Concen: 33.020 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion:166 Resp: 365761
Ion Ratio Lower Upper
166 100
165 96.5 77.0 115.4
167 13.1 10.2 15.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 36.916 ng

RT: 10.245 min Scan# 1369

Delta R.T. 0.000 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS

Tgt Ion:232 Resp: 118262

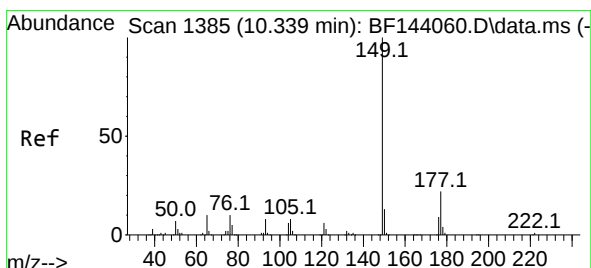
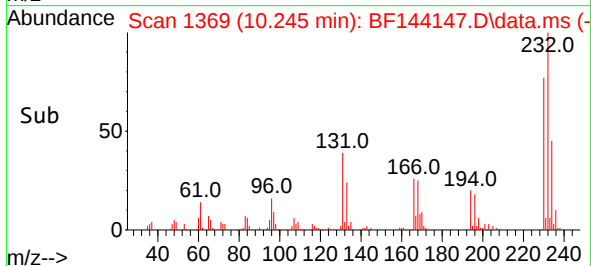
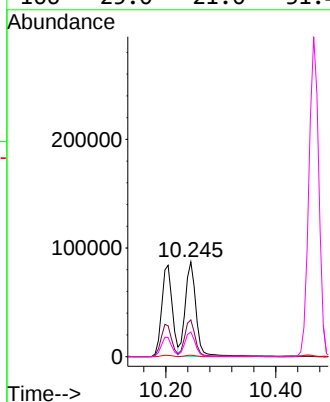
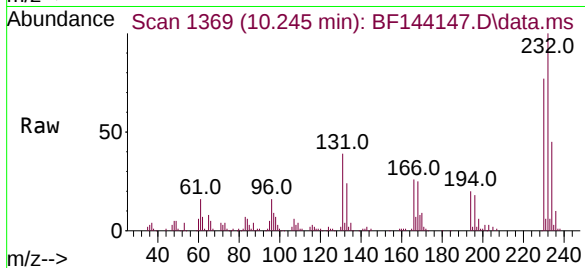
Ion Ratio Lower Upper

232 100

131 36.8 31.9 47.9

130 1.5 1.1 1.7

166 25.0 21.0 31.4



#60

Diethylphthalate

Concen: 33.085 ng

RT: 10.339 min Scan# 1385

Delta R.T. 0.000 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

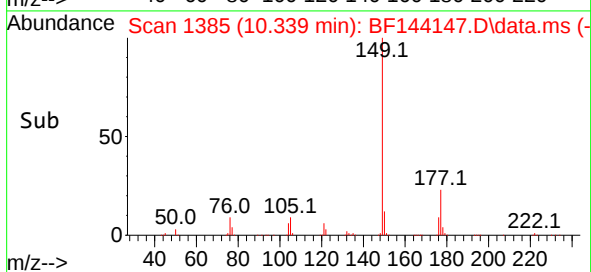
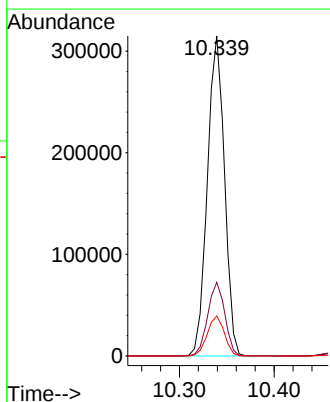
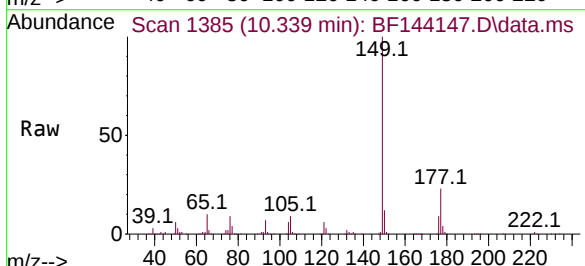
Tgt Ion:149 Resp: 395455

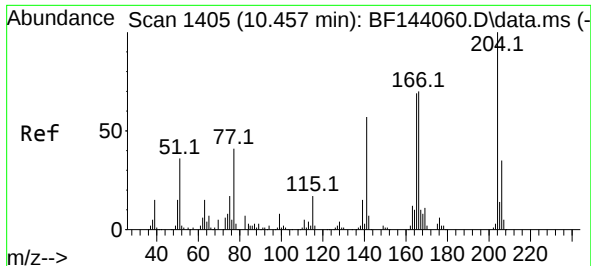
Ion Ratio Lower Upper

149 100

177 23.0 17.8 26.6

150 12.5 10.1 15.1

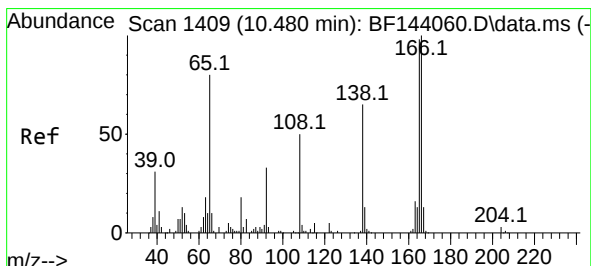
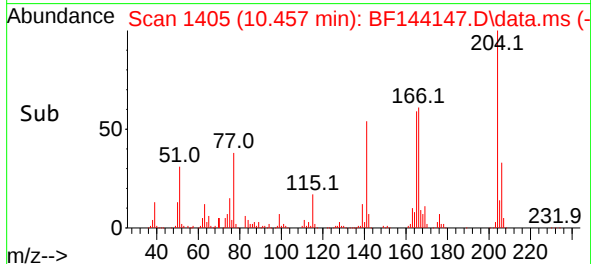
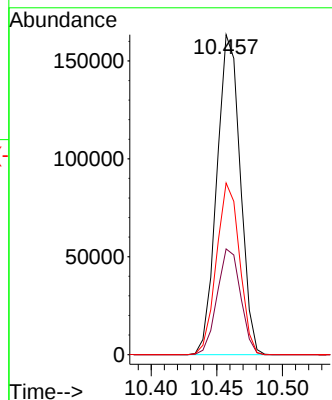
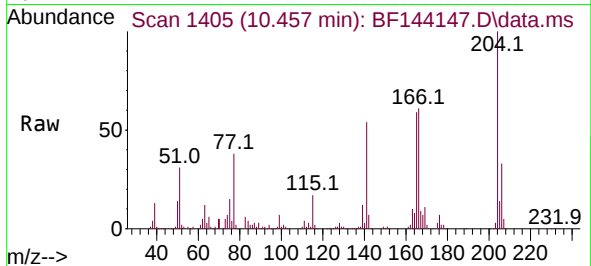




#61
4-Chlorophenyl-phenylether
Concen: 32.586 ng
RT: 10.457 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

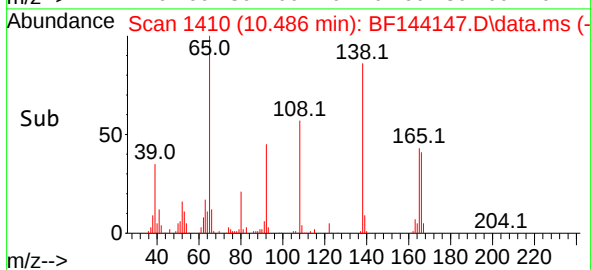
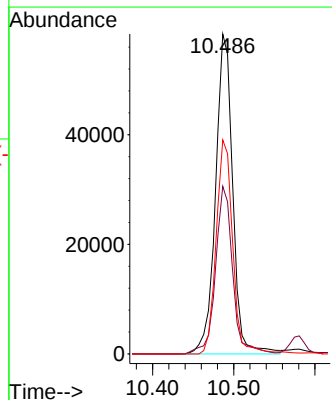
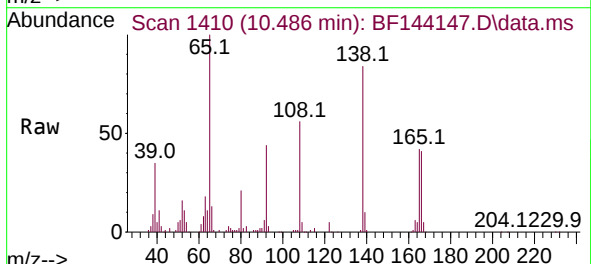
Instrument :
BNA_F
ClientSampleId :
PB170325BS

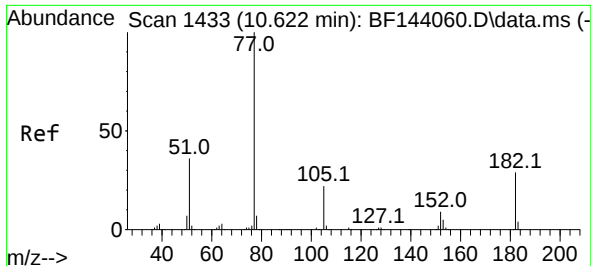
Tgt Ion:204 Resp: 202984
Ion Ratio Lower Upper
204 100
206 33.0 27.8 41.6
141 53.6 45.4 68.2



#62
4-Nitroaniline
Concen: 32.429 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion:138 Resp: 85838
Ion Ratio Lower Upper
138 100
92 52.4 30.5 70.5
108 66.9 56.2 96.2

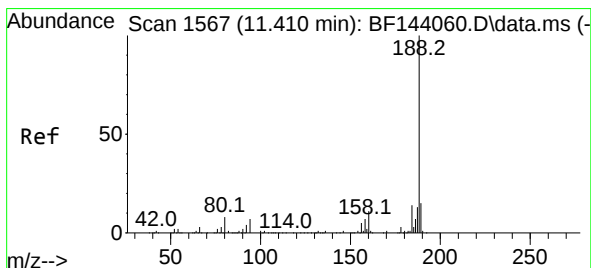
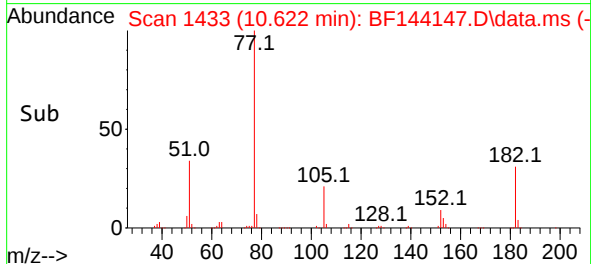
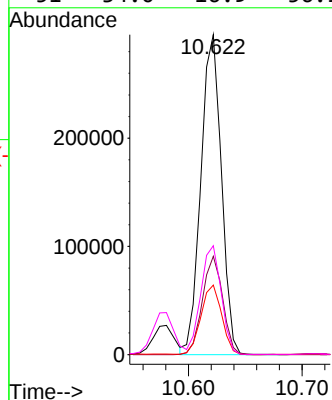
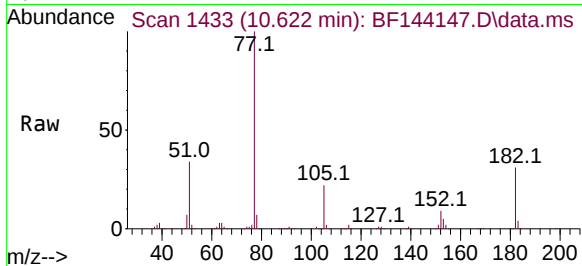




#63
Azobenzene
Concen: 32.829 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

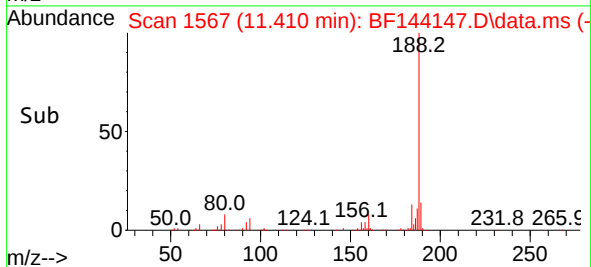
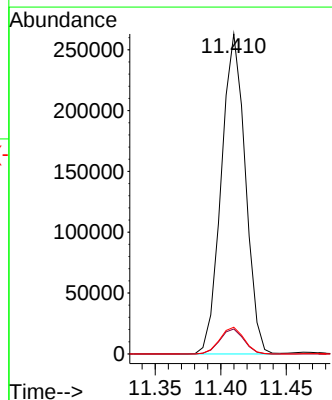
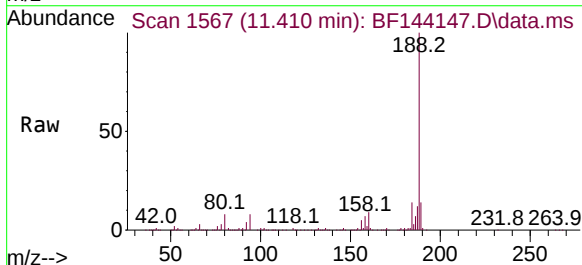
Instrument :
BNA_F
ClientSampleId :
PB170325BS

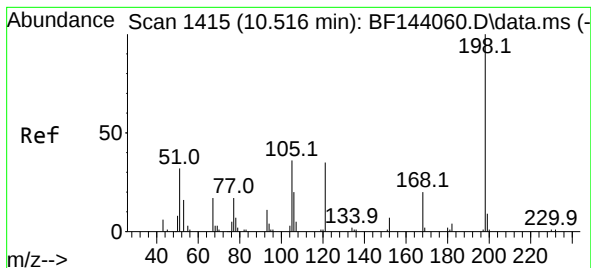
Tgt Ion: 77	Resp: 371403
Ion Ratio	Lower Upper
77 100	
182 30.7	9.0 49.0
105 21.7	1.4 41.4
51 34.0	16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion:188	Resp: 335987
Ion Ratio	Lower Upper
188 100	
94 7.8	5.4 8.0
80 8.3	6.0 9.0

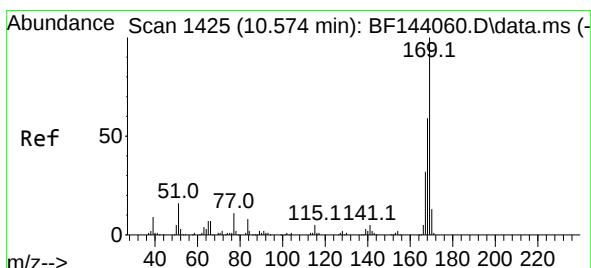
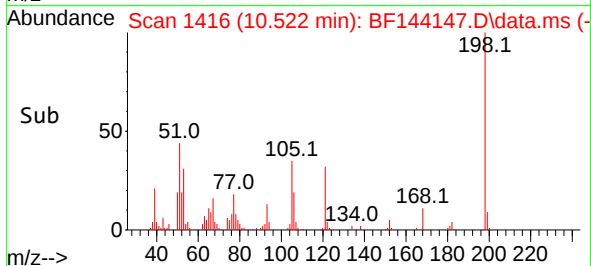
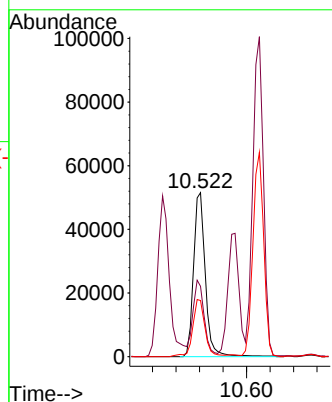
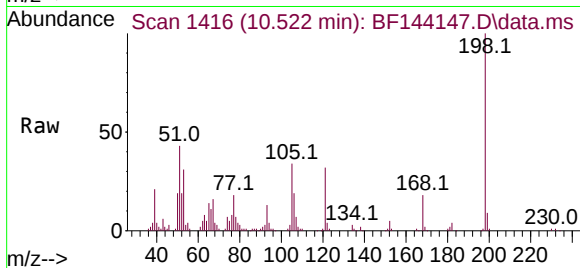




#65
4,6-Dinitro-2-methylphenol
Concen: 33.159 ng
RT: 10.522 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

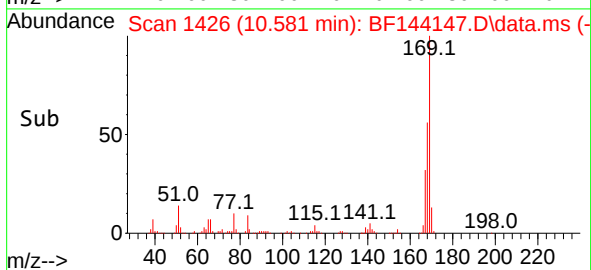
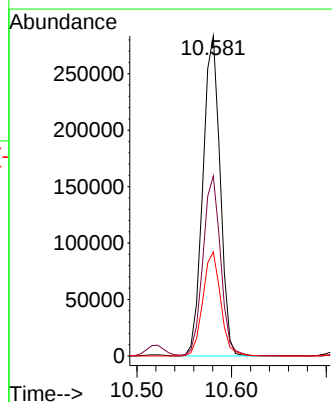
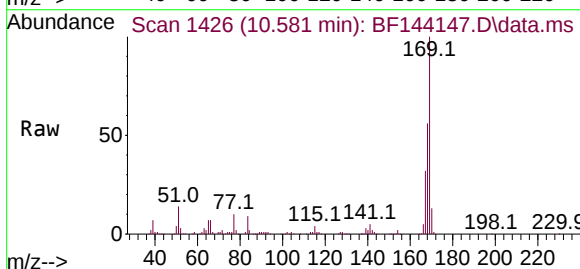
Instrument :
BNA_F
ClientSampleId :
PB170325BS

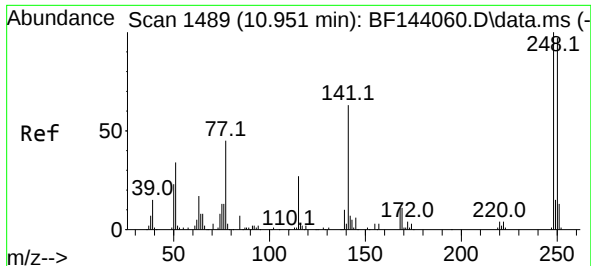
Tgt Ion:198 Resp: 71478
Ion Ratio Lower Upper
198 100
51 42.9 25.8 65.8
105 34.3 17.2 57.2



#66
n-Nitrosodiphenylamine
Concen: 33.432 ng
RT: 10.581 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion:169 Resp: 358889
Ion Ratio Lower Upper
169 100
168 56.2 47.4 71.2
167 32.5 25.5 38.3

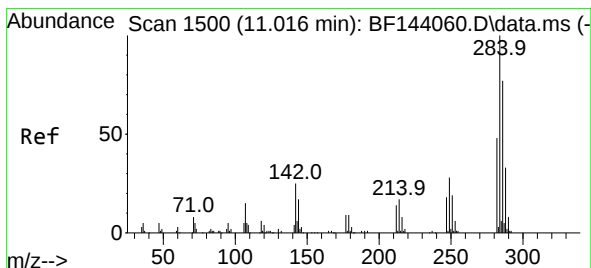
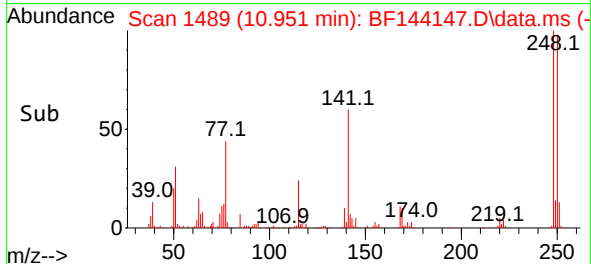
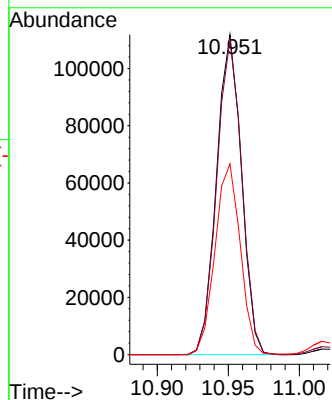
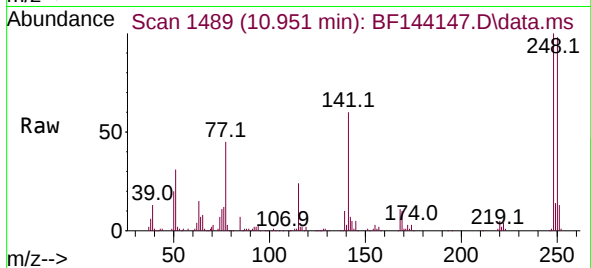




#67
4-Bromophenyl-phenylether
Concen: 32.509 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

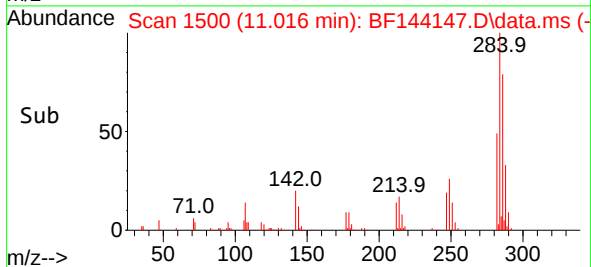
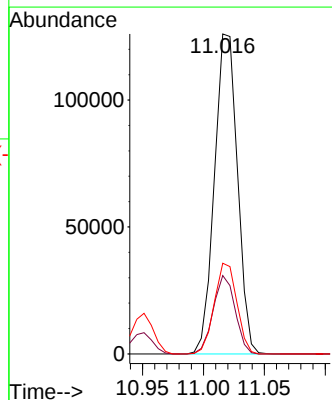
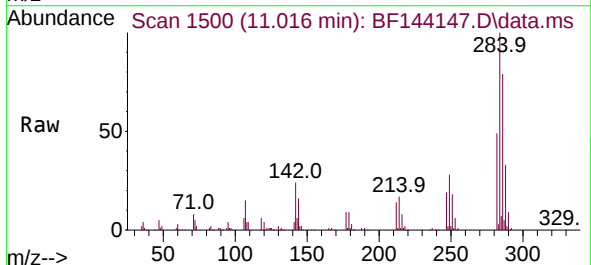
Instrument :
BNA_F
ClientSampleId :
PB170325BS

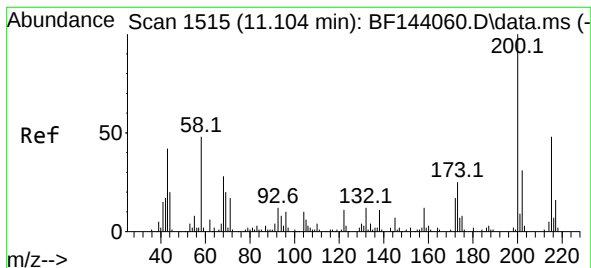
Tgt Ion:248 Resp: 136756
Ion Ratio Lower Upper
248 100
250 98.4 77.8 116.6
141 59.6 50.5 75.7



#68
Hexachlorobenzene
Concen: 32.065 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion:284 Resp: 165432
Ion Ratio Lower Upper
284 100
142 24.5 20.0 30.0
249 28.3 22.2 33.2





#69

Atrazine

Concen: 34.433 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS

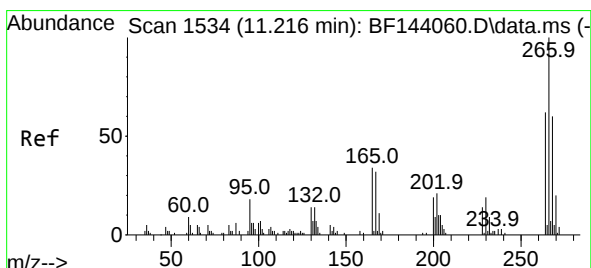
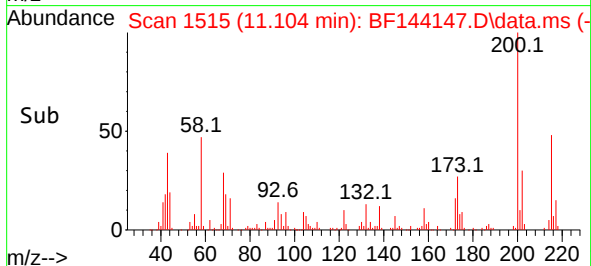
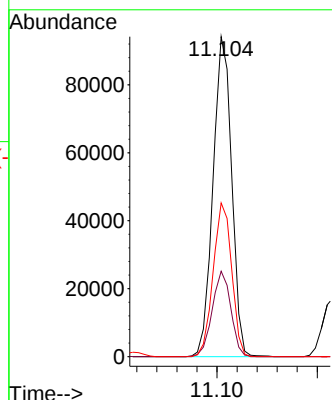
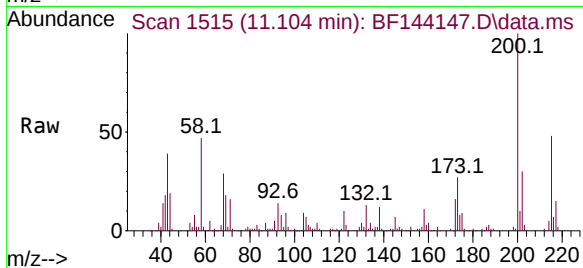
Tgt Ion:200 Resp: 121294

Ion Ratio Lower Upper

200 100

173 26.7 4.9 44.9

215 48.0 28.2 68.2



#70

Pentachlorophenol

Concen: 66.524 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

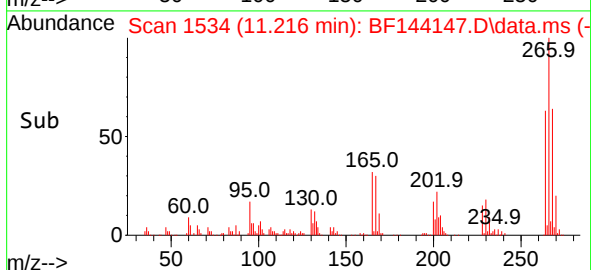
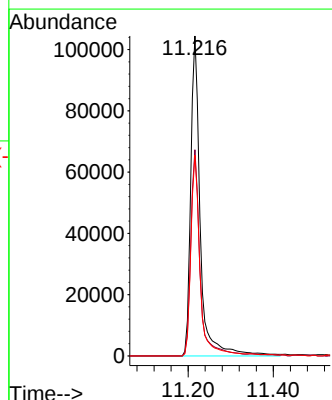
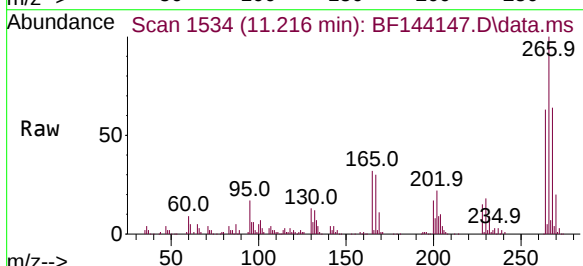
Tgt Ion:266 Resp: 163369

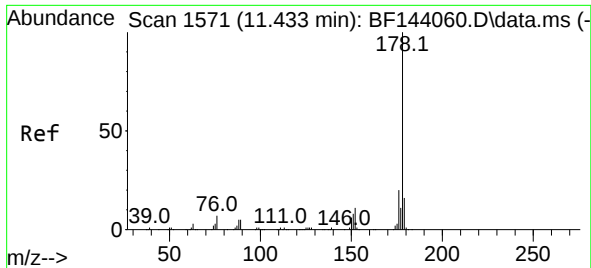
Ion Ratio Lower Upper

266 100

268 64.4 48.2 72.4

264 62.7 49.4 74.0

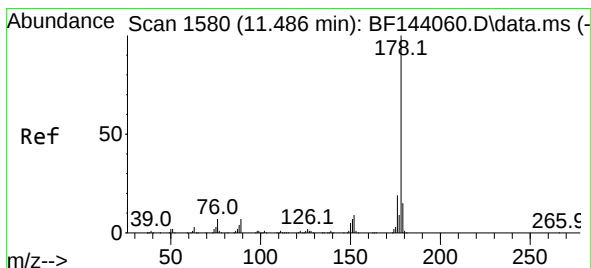
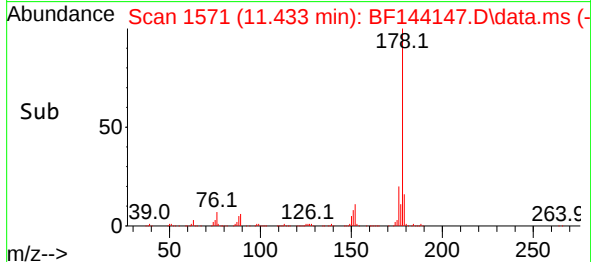
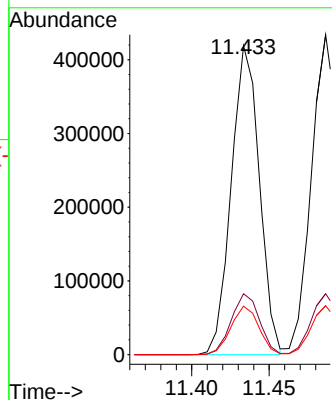
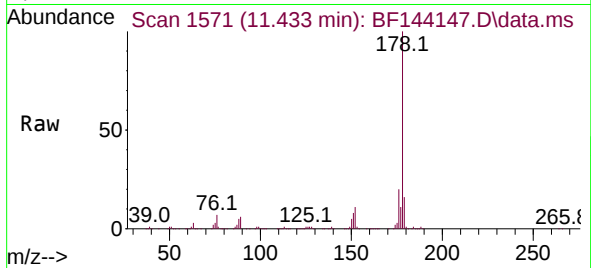




#71
Phenanthrene
Concen: 31.657 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

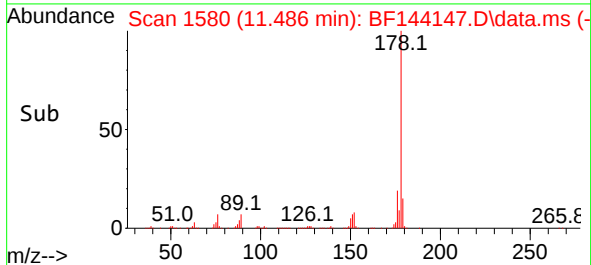
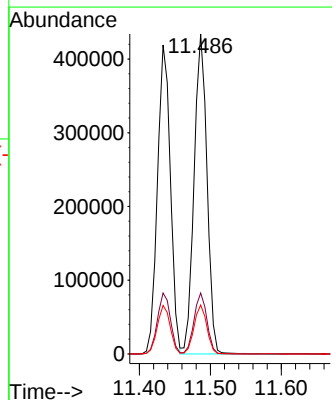
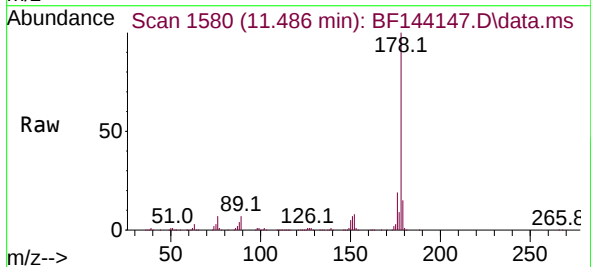
Instrument :
BNA_F
ClientSampleId :
PB170325BS

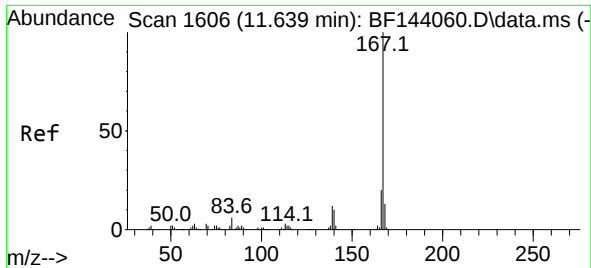
Tgt Ion:178 Resp: 528365
Ion Ratio Lower Upper
178 100
176 19.7 16.3 24.5
179 15.7 12.6 18.8



#72
Anthracene
Concen: 31.843 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion:178 Resp: 549017
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 15.3 11.8 17.6

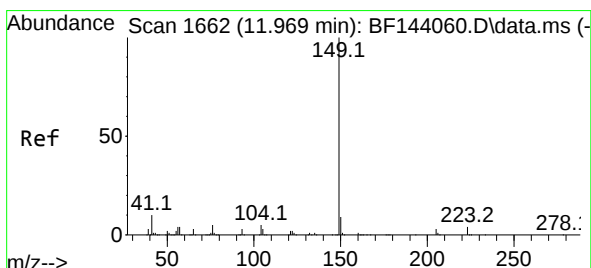
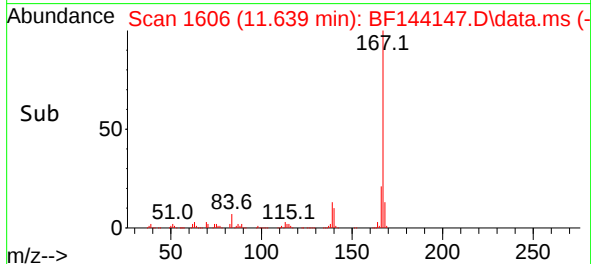
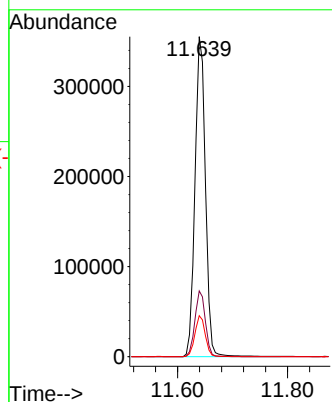
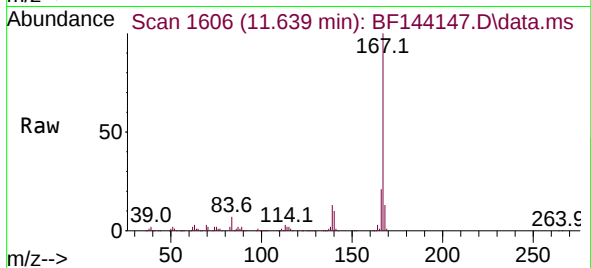




#73
 Carbazole
 Concen: 32.021 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. 0.000 min
 Lab File: BF144147.D
 Acq: 30 Oct 2025 18:06

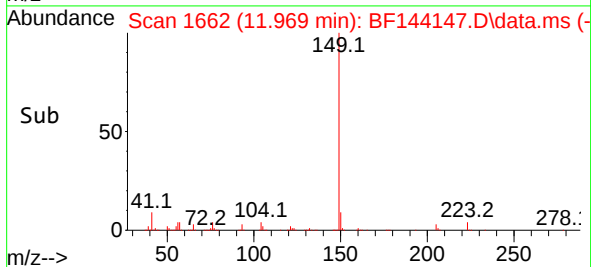
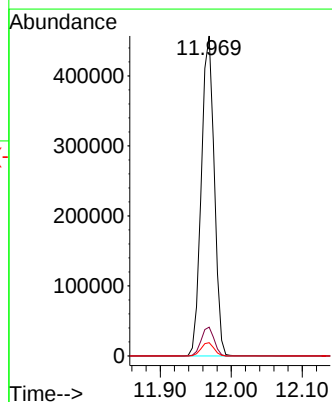
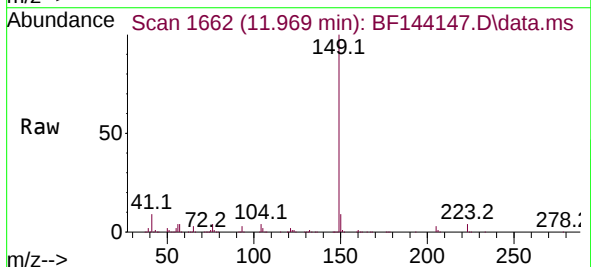
Instrument :
 BNA_F
 ClientSampleId :
 PB170325BS

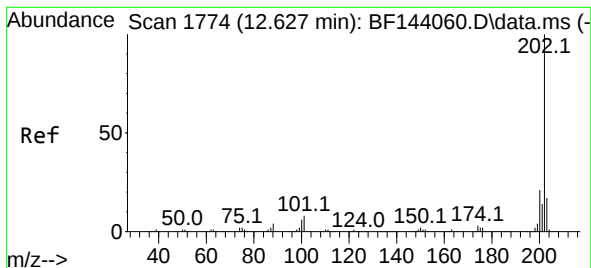
Tgt Ion:167 Resp: 469910
 Ion Ratio Lower Upper
 167 100
 166 20.5 16.1 24.1
 139 12.8 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 31.894 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF144147.D
 Acq: 30 Oct 2025 18:06

Tgt Ion:149 Resp: 573853
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 4.1 3.6 5.4





#75

Fluoranthene

Concen: 28.565 ng

RT: 12.628 min Scan# 1774

Delta R.T. 0.000 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS

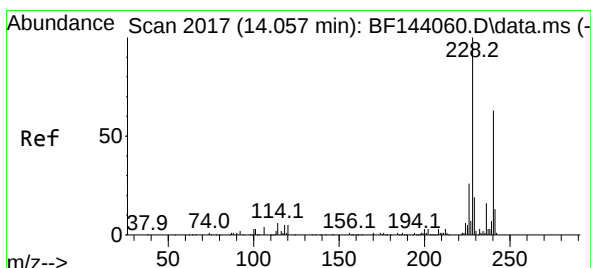
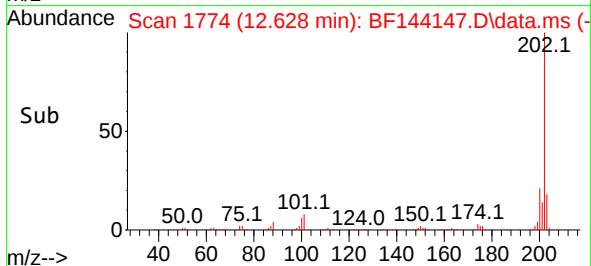
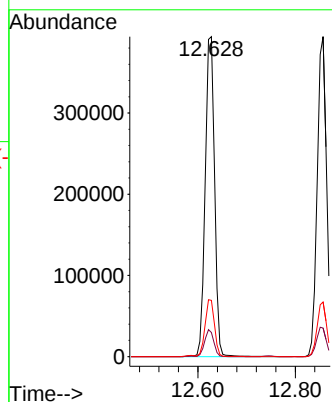
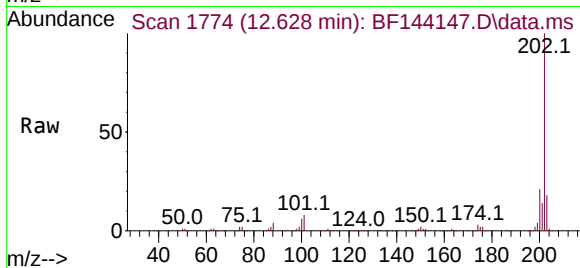
Tgt Ion:202 Resp: 526736

Ion Ratio Lower Upper

202 100

101 7.5 0.0 27.7

203 17.6 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

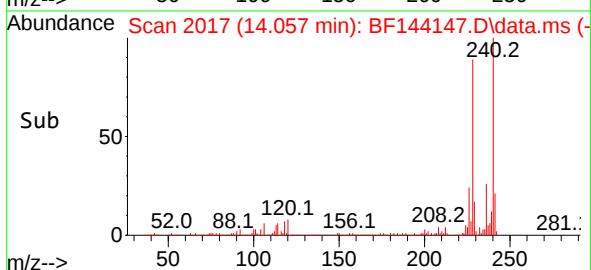
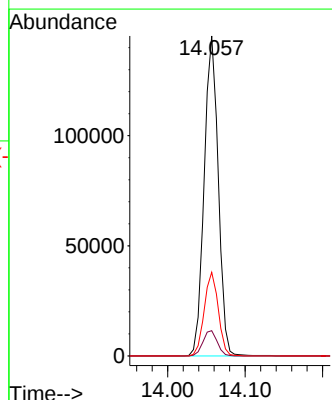
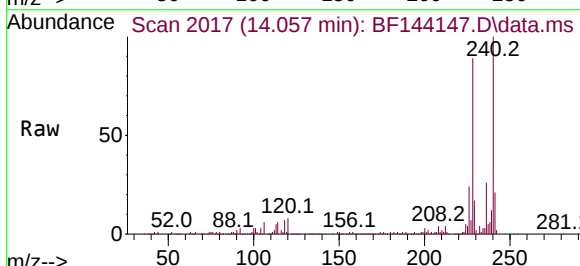
Tgt Ion:240 Resp: 183316

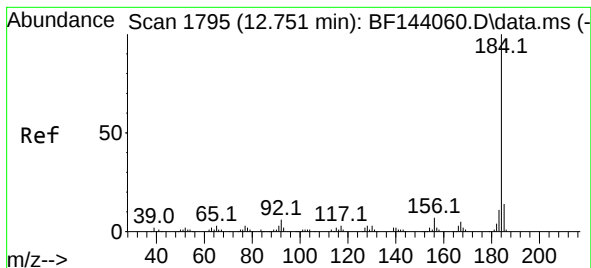
Ion Ratio Lower Upper

240 100

120 7.9 6.5 9.7

236 26.1 20.1 30.1





#77

Benzidine

Concen: 32.883 ng

RT: 12.745 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS

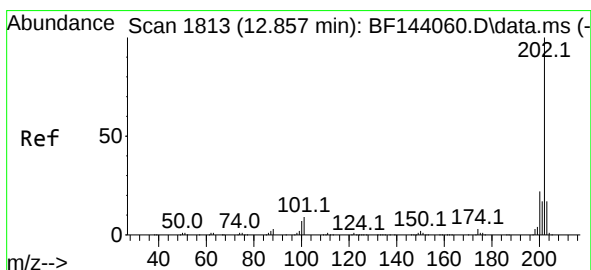
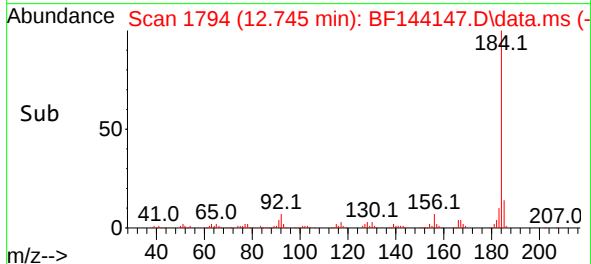
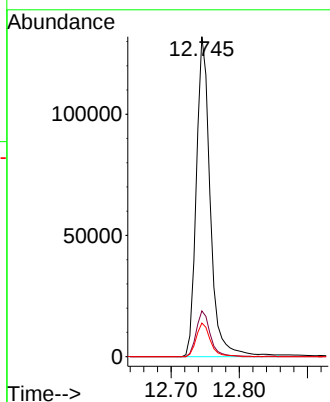
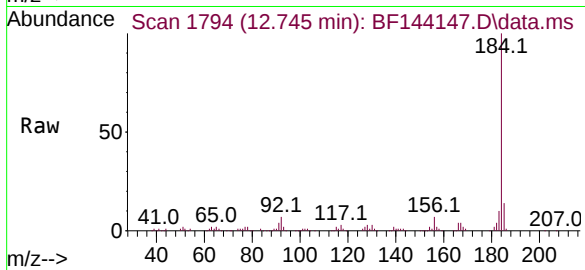
Tgt Ion:184 Resp: 187600

Ion Ratio Lower Upper

184 100

185 14.3 11.6 17.4

183 10.5 8.5 12.7



#78

Pyrene

Concen: 39.472 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

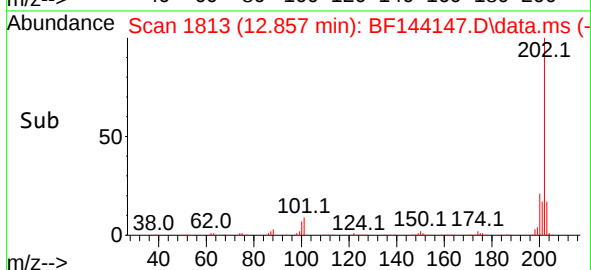
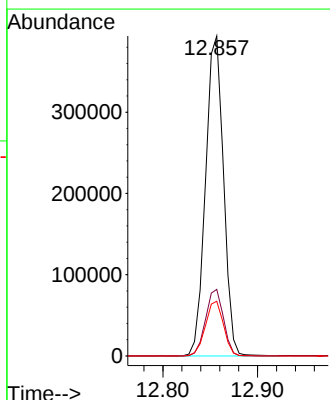
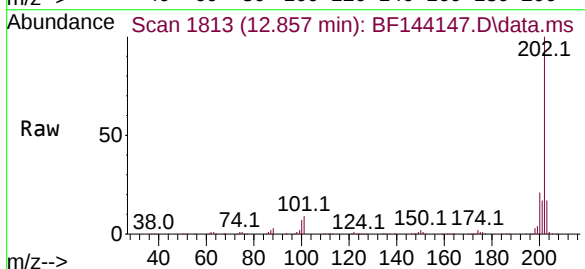
Tgt Ion:202 Resp: 520201

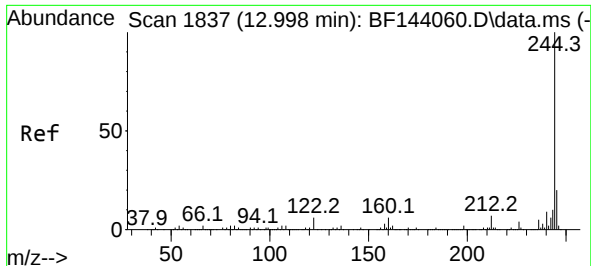
Ion Ratio Lower Upper

202 100

200 20.8 17.2 25.8

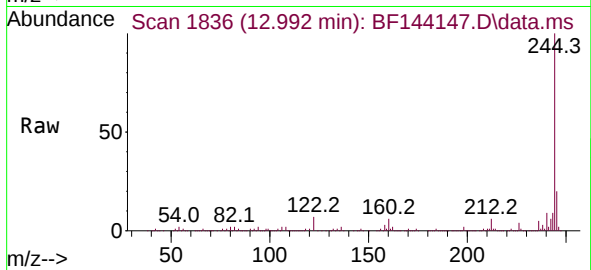
203 17.1 13.5 20.3



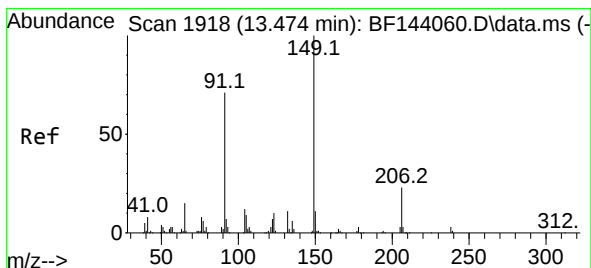
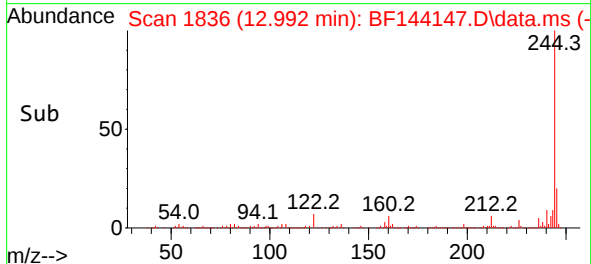
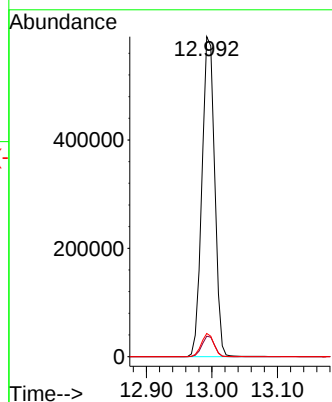


#79
 Terphenyl-d14
 Concen: 75.492 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF144147.D
 Acq: 30 Oct 2025 18:06

Instrument :
 BNA_F
 ClientSampleId :
 PB170325BS

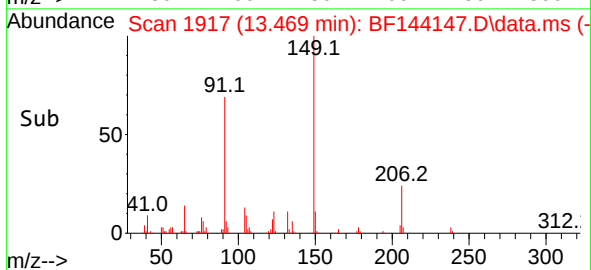
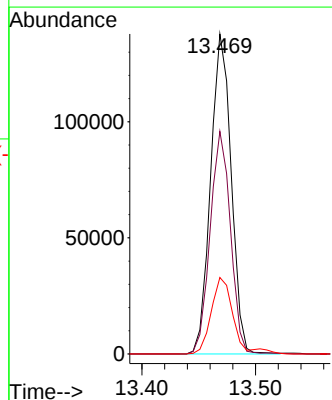
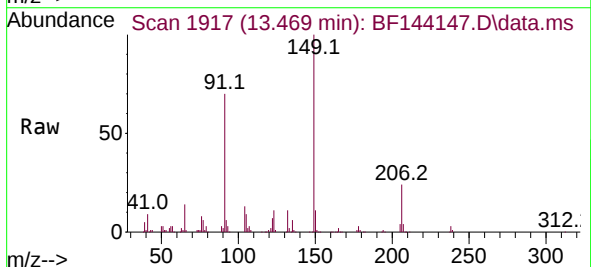


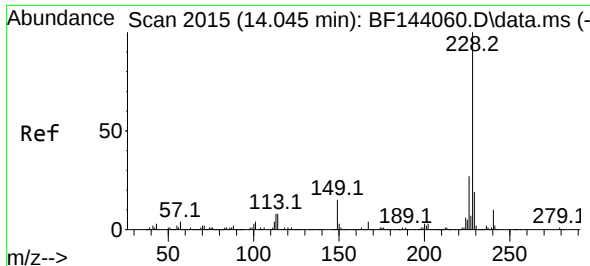
Tgt Ion:244 Resp: 791599
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.6
 122 7.2 4.9 7.3



#80
 Butylbenzylphthalate
 Concen: 34.778 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF144147.D
 Acq: 30 Oct 2025 18:06

Tgt Ion:149 Resp: 173401
 Ion Ratio Lower Upper
 149 100
 91 69.5 56.6 84.8
 206 23.9 18.3 27.5

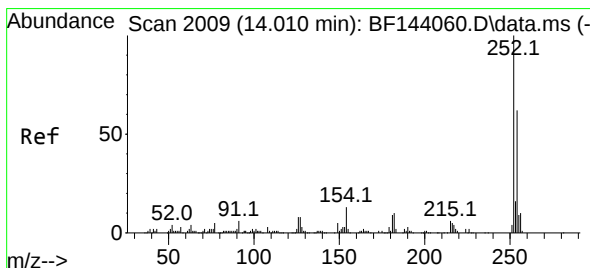
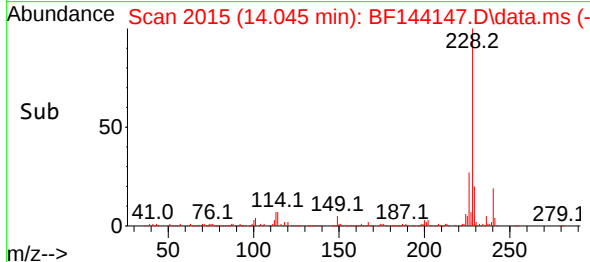
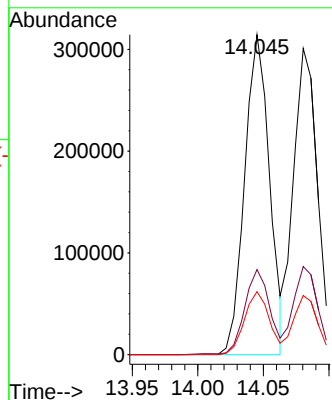
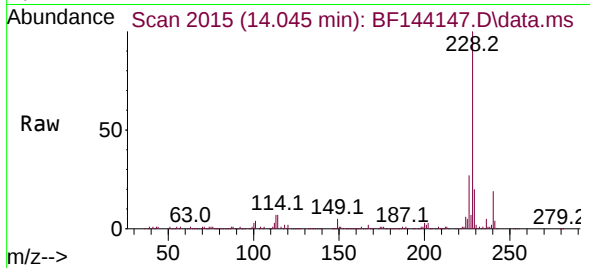




#81
Benzo(a)anthracene
Concen: 33.435 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

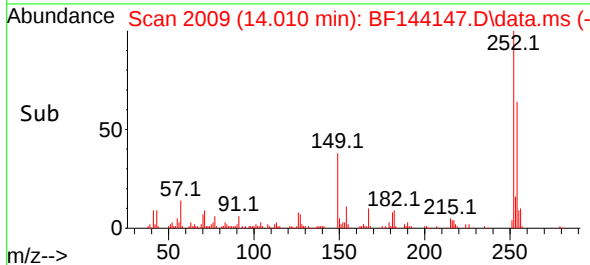
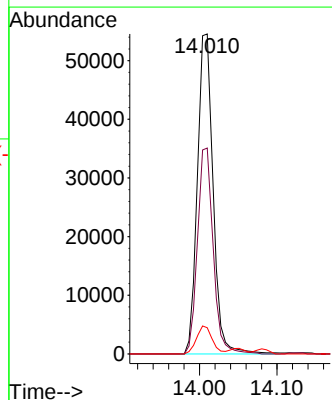
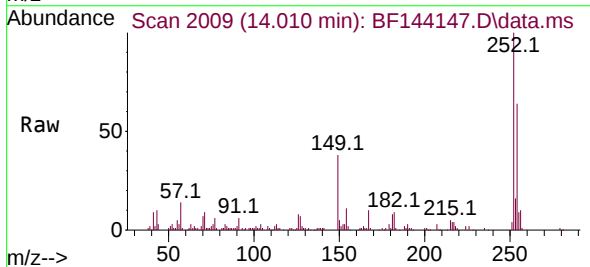
Instrument :
BNA_F
ClientSampleId :
PB170325BS

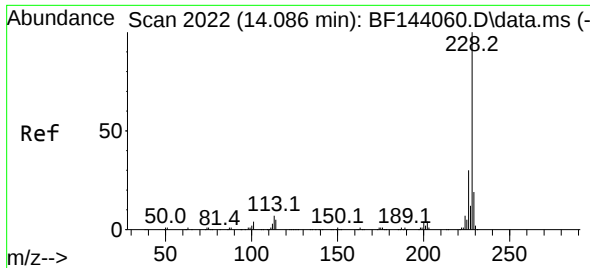
Tgt Ion:228 Resp: 414210
Ion Ratio Lower Upper
228 100
226 26.6 21.4 32.2
229 19.7 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 17.853 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion:252 Resp: 76992
Ion Ratio Lower Upper
252 100
254 64.3 49.9 74.9
126 8.2 6.5 9.7





#83

Chrysene

Concen: 33.019 ng

RT: 14.080 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS

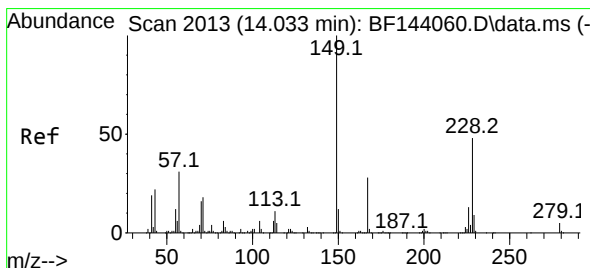
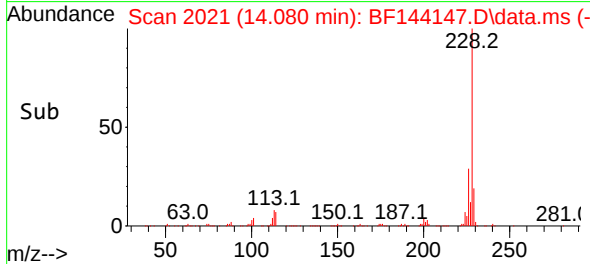
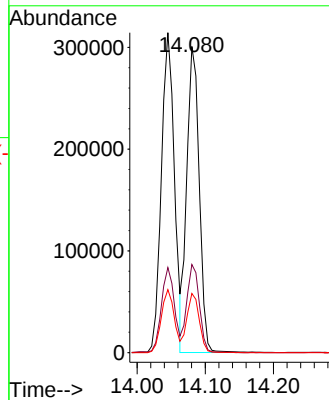
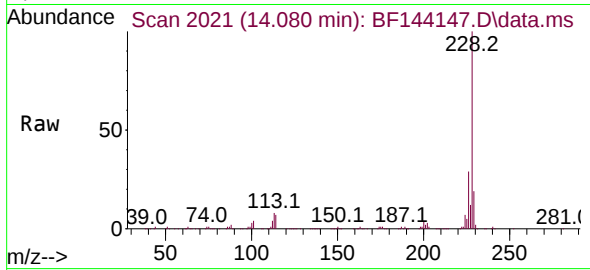
Tgt Ion:228 Resp: 383855

Ion Ratio Lower Upper

228 100

226 28.8 23.8 35.6

229 19.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 32.533 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

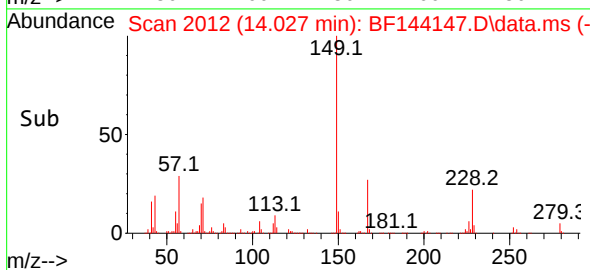
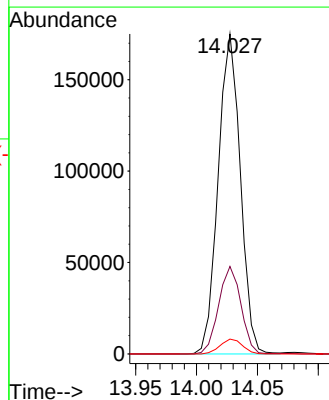
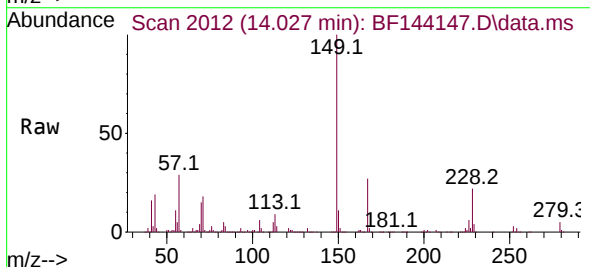
Tgt Ion:149 Resp: 221439

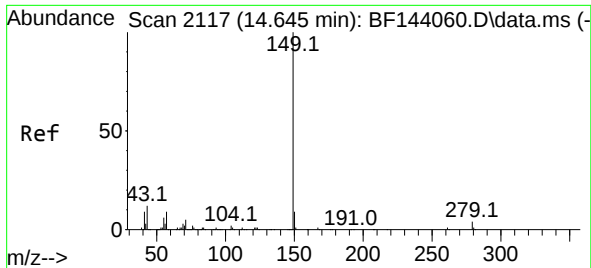
Ion Ratio Lower Upper

149 100

167 27.3 22.5 33.7

279 4.7 3.6 5.4

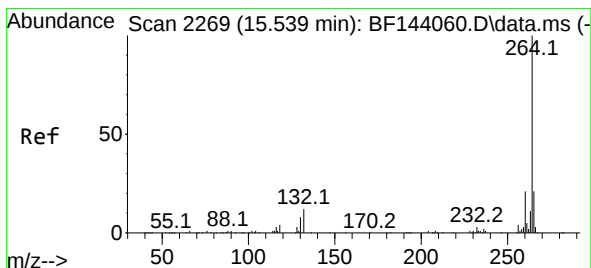
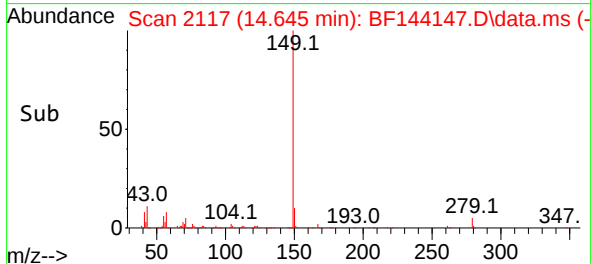
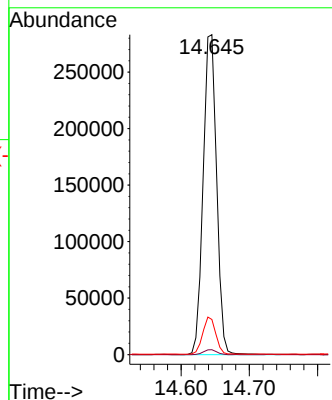
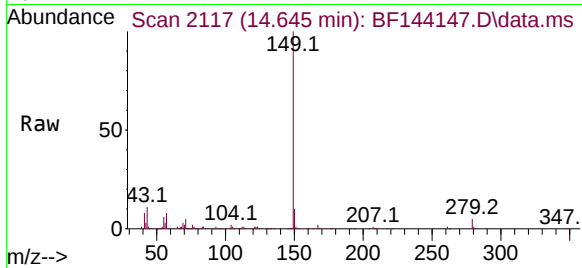




#85
Di-n-octyl phthalate
Concen: 33.236 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

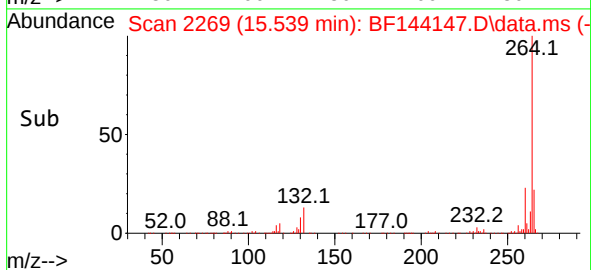
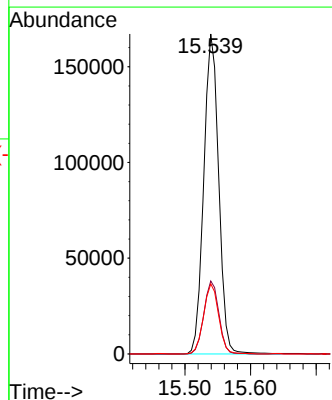
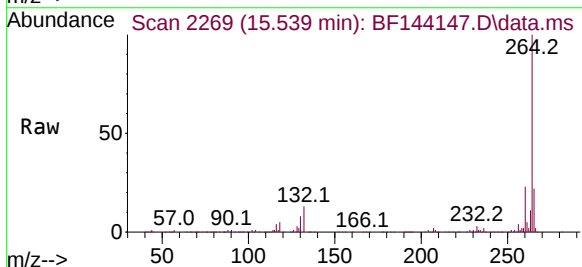
Instrument :
BNA_F
ClientSampleId :
PB170325BS

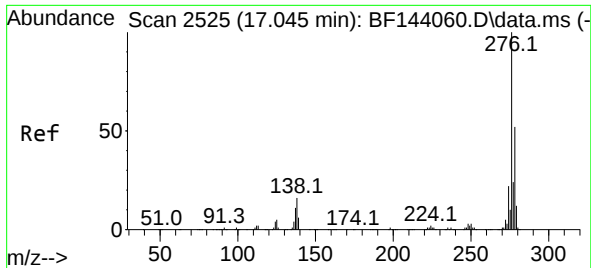
Tgt Ion:149 Resp: 389047
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.3 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion:264 Resp: 262950
Ion Ratio Lower Upper
264 100
260 22.8 17.0 25.4
265 21.9 16.6 24.8

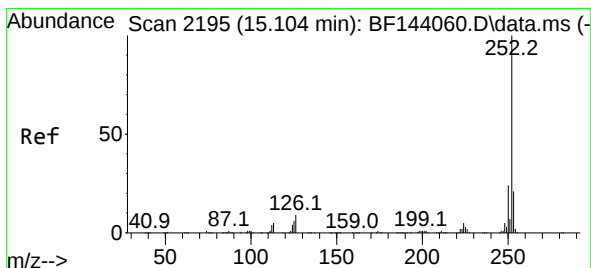
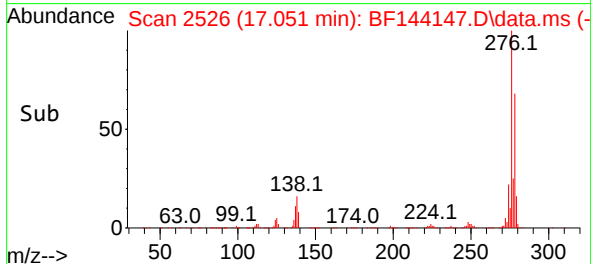
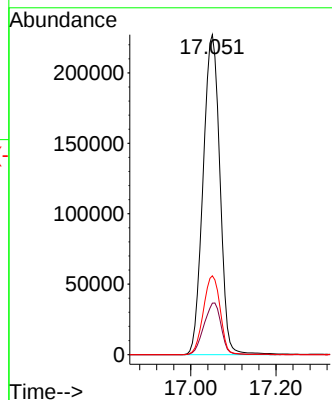
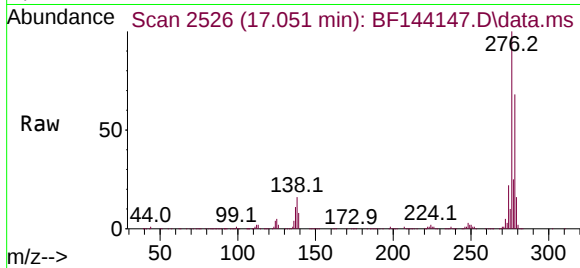




#87
Indeno(1,2,3-cd)pyrene
Concen: 34.433 ng
RT: 17.051 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

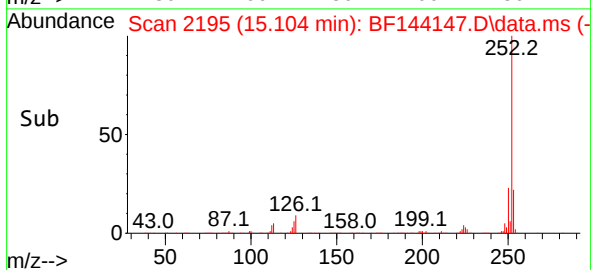
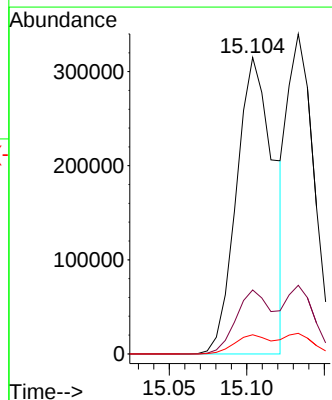
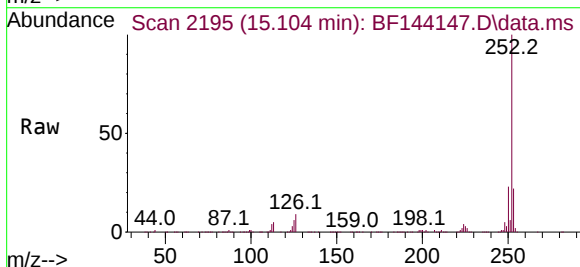
Instrument :
BNA_F
ClientSampleId :
PB170325BS

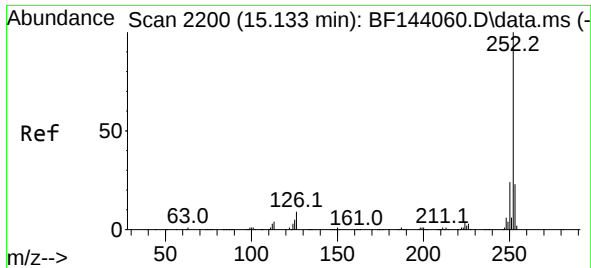
Tgt Ion:276 Resp: 621627
Ion Ratio Lower Upper
276 100
138 16.5 13.0 19.6
277 24.6 19.4 29.0



#88
Benzo(b)fluoranthene
Concen: 35.583 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion:252 Resp: 528961
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 6.4 5.0 7.6

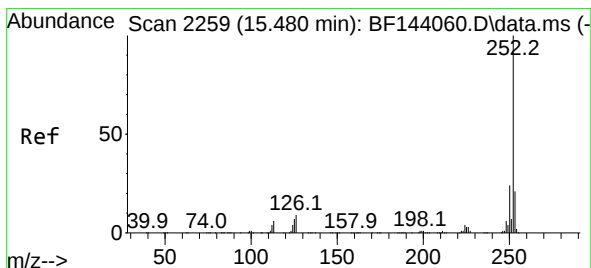
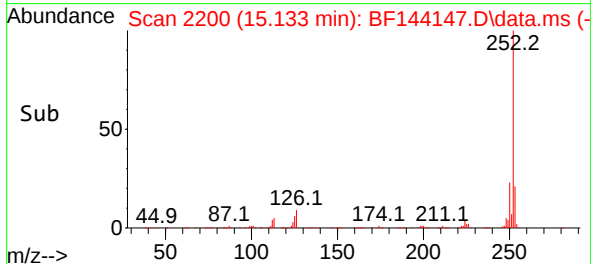
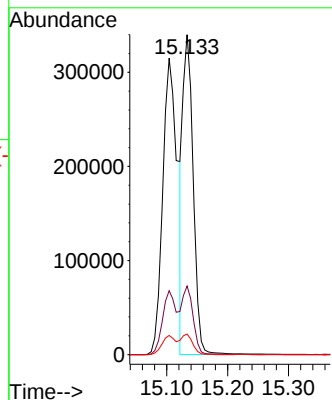
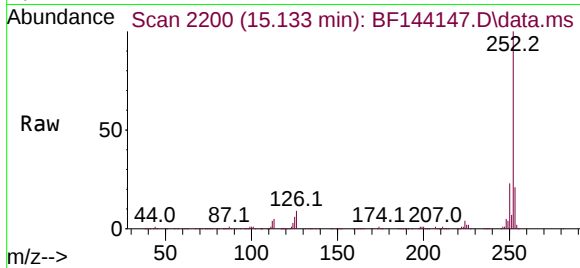




#89
Benzo(k)fluoranthene
Concen: 29.670 ng
RT: 15.133 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

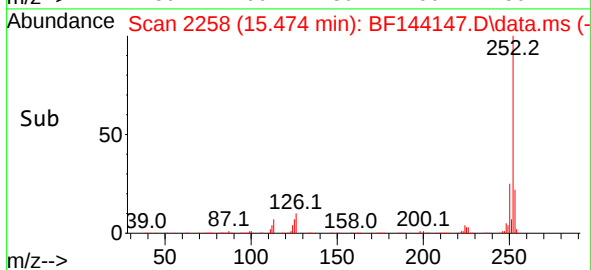
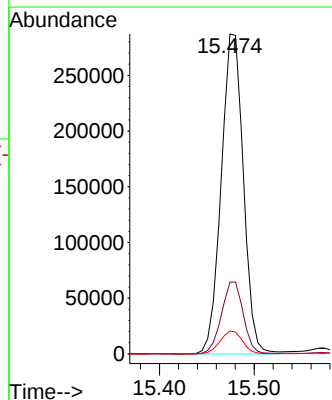
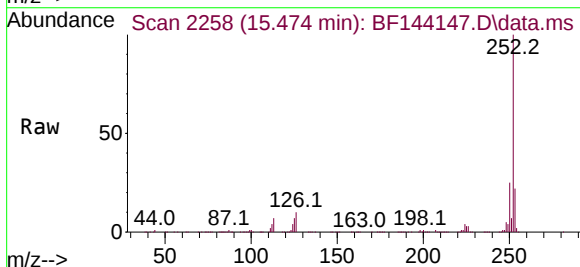
Instrument :
BNA_F
ClientSampleId :
PB170325BS

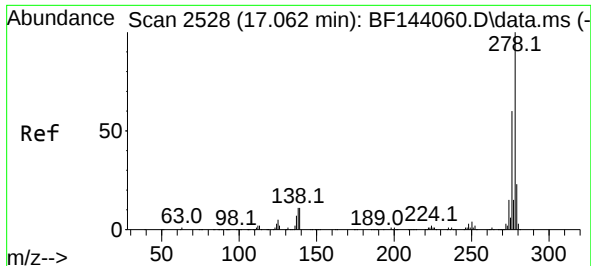
Tgt Ion:252 Resp: 406937
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 6.4 4.9 7.3



#90
Benzo(a)pyrene
Concen: 35.019 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BF144147.D
Acq: 30 Oct 2025 18:06

Tgt Ion:252 Resp: 467027
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 7.1 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 35.361 ng

RT: 17.063 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

Instrument :

BNA_F

ClientSampleId :

PB170325BS

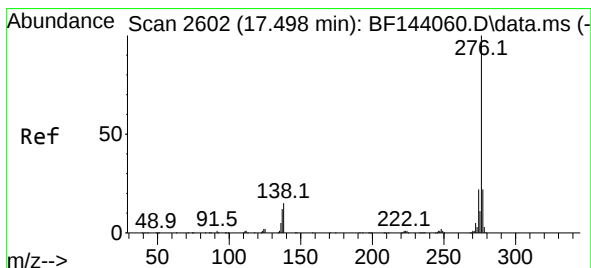
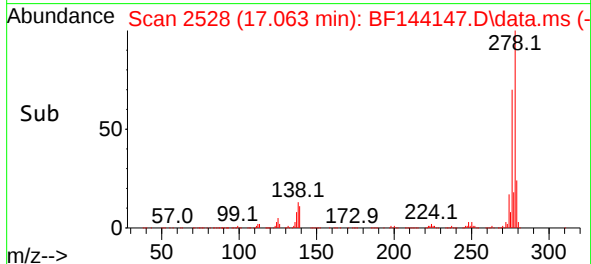
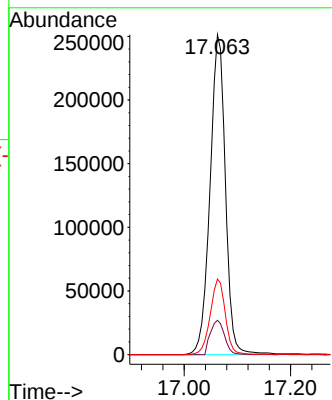
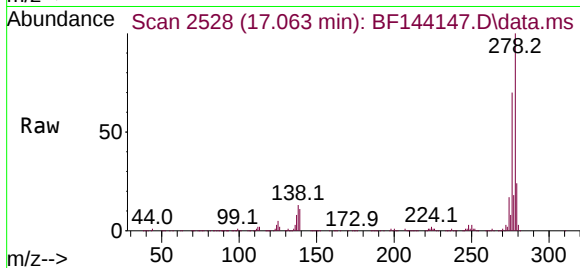
Tgt Ion:278 Resp: 505320

Ion Ratio Lower Upper

278 100

139 10.7 8.5 12.7

279 23.6 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 34.924 ng

RT: 17.504 min Scan# 2603

Delta R.T. 0.006 min

Lab File: BF144147.D

Acq: 30 Oct 2025 18:06

Tgt Ion:276 Resp: 501764

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 15.1 12.0 18.0

