

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
 Data File : BF143848.D
 Acq On : 30 Sep 2025 22:31
 Operator : RC/JU
 Sample : Q3245-09MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12-8MS

Quant Time: Oct 01 02:38:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	127168	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	463068	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	231503	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	343457	20.000	ng	0.00
76) Chrysene-d12	14.057	240	415302	20.000	ng	0.00
86) Perylene-d12	15.533	264	686765	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	840486	107.381	ng	0.00
7) Phenol-d6	6.504	99	1007957	111.453	ng	0.00
23) Nitrobenzene-d5	7.445	82	591731	78.219	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	435273	126.984	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1097562	73.984	ng	0.00
79) Terphenyl-d14	12.998	244	1410583	69.077	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	159934	42.690	ng	95
3) Pyridine	3.463	79	442148	43.722	ng	90
4) n-Nitrosodimethylamine	3.410	42	218932	43.175	ng	81
6) Aniline	6.546	93	502653	38.294	ng	99
8) 2-Chlorophenol	6.669	128	383378	47.845	ng	98
9) Benzaldehyde	6.434	77	228403	28.840	ng	97
10) Phenol	6.522	94	506649	48.197	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	377005	45.752	ng	99
12) 1,3-Dichlorobenzene	6.828	146	440629	47.361	ng	98
13) 1,4-Dichlorobenzene	6.904	146	441518	47.554	ng	98
14) 1,2-Dichlorobenzene	7.057	146	426713	48.526	ng	99
15) Benzyl Alcohol	7.022	79	336834	51.545	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	750652	38.417	ng	95
17) 2-Methylphenol	7.134	107	297473	47.952	ng	99
18) Hexachloroethane	7.398	117	151727	46.468	ng	95
19) n-Nitroso-di-n-propyla...	7.293	70	262796	45.188	ng	90
20) 3+4-Methylphenols	7.281	107	357508	47.322	ng	95
22) Acetophenone	7.293	105	533826	52.487	ng	96
24) Nitrobenzene	7.463	77	409127	48.791	ng	97
25) Isophorone	7.704	82	711234	48.246	ng	98
26) 2-Nitrophenol	7.781	139	189160	54.555	ng	94
27) 2,4-Dimethylphenol	7.816	122	342714	52.013	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	437771	45.707	ng	98
29) 2,4-Dichlorophenol	8.022	162	316980	48.891	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	348268	51.761	ng	98
31) Naphthalene	8.192	128	1038884	46.865	ng	99
32) Benzoic acid	7.916	122	196156	61.702	ng	96
33) 4-Chloroaniline	8.234	127	232900	29.897	ng	98
34) Hexachlorobutadiene	8.304	225	249915	49.826	ng	99
35) Caprolactam	8.598	113	92616	55.889	ng	# 81
36) 4-Chloro-3-methylphenol	8.710	107	299653	49.280	ng	99
37) 2-Methylnaphthalene	8.881	142	612095	43.303	ng	99
38) 1-Methylnaphthalene	8.981	142	623326	46.071	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	373511	53.463	ng	99
41) Hexachlorocyclopentadiene	9.034	237	538244	121.562	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	230368	52.660	ng	99

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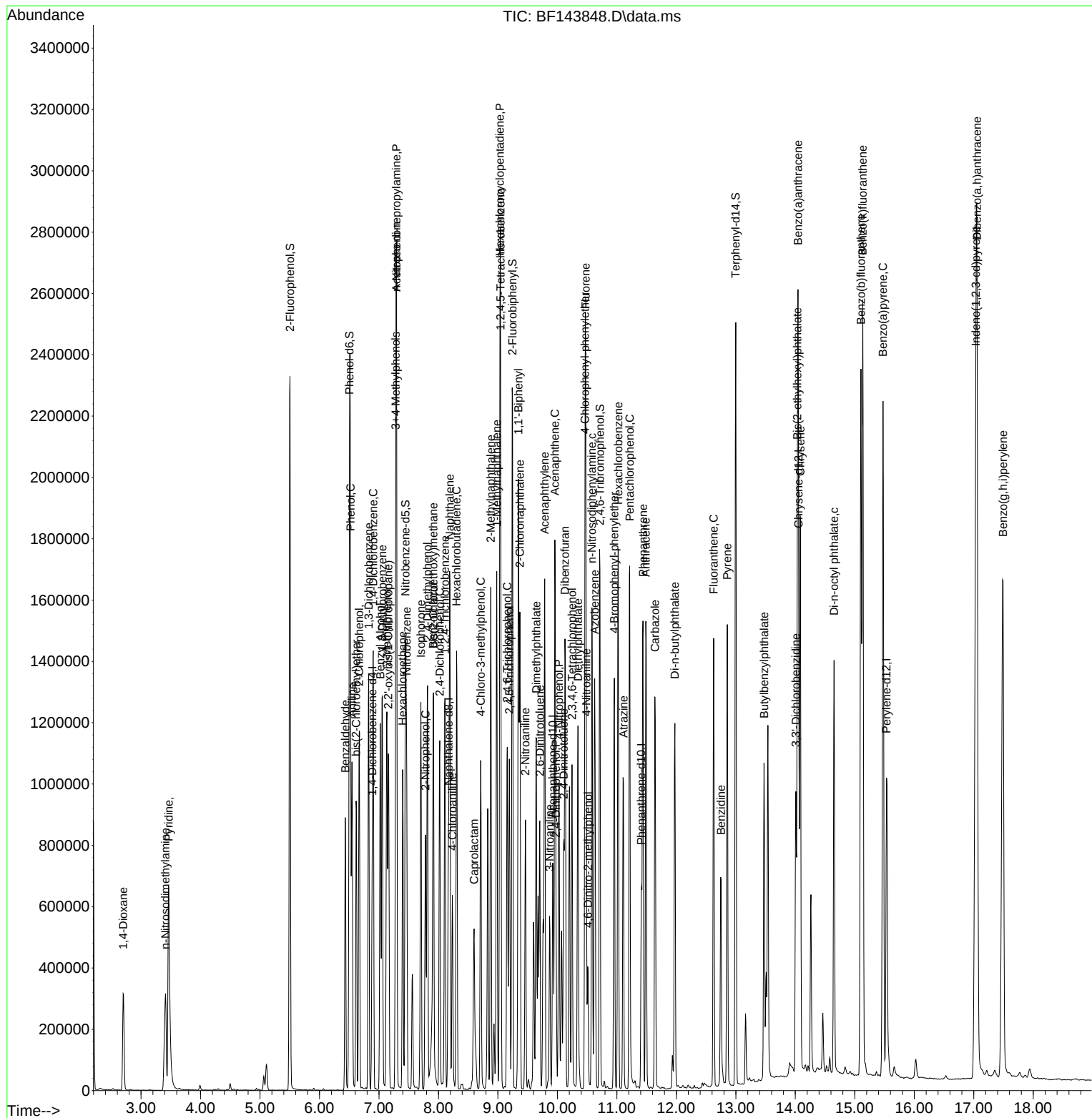
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	225366	49.252	ng	99
46) 1,1'-Biphenyl	9.345	154	867970	51.795	ng	99
47) 2-Chloronaphthalene	9.369	162	633607	46.971	ng	99
48) 2-Nitroaniline	9.463	65	232465	57.019	ng	98
49) Acenaphthylene	9.787	152	1005200	54.131	ng	100
50) Dimethylphthalate	9.645	163	690622	48.945	ng	99
51) 2,6-Dinitrotoluene	9.704	165	149695	64.571	ng	92
52) Acenaphthene	9.957	154	595026	48.692	ng	99
53) 3-Nitroaniline	9.869	138	113843	40.513	ng	99
54) 2,4-Dinitrophenol	9.975	184	83668	82.477	ng	# 52
55) Dibenzofuran	10.128	168	834120	48.270	ng	99
56) 4-Nitrophenol	10.028	139	219714	97.028	ng	90
57) 2,4-Dinitrotoluene	10.104	165	191840	55.279	ng	96
58) Fluorene	10.475	166	618398	48.137	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	225687	57.574	ng	94
60) Diethylphthalate	10.345	149	628370	47.574	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	319101	48.749	ng	96
62) 4-Nitroaniline	10.486	138	143053	54.142	ng	95
63) Azobenzene	10.628	77	702513	50.467	ng	92
65) 4,6-Dinitro-2-methylph...	10.516	198	71432	54.609	ng	# 80
66) n-Nitrosodiphenylamine	10.581	169	582529	51.573	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	325692	55.644	ng	95
68) Hexachlorobenzene	11.022	284	466090	57.784	ng	# 95
69) Atrazine	11.110	200	171810	52.527	ng	97
70) Pentachlorophenol	11.216	266	460368	114.658	ng	99
71) Phenanthrene	11.439	178	848895	48.142	ng	100
72) Anthracene	11.486	178	860924	48.675	ng	99
73) Carbazole	11.639	167	753246	48.708	ng	99
74) Di-n-butylphthalate	11.975	149	829096	46.617	ng	100
75) Fluoranthene	12.627	202	859096	48.441	ng	99
77) Benzidine	12.751	184	419134	41.416	ng	100
78) Pyrene	12.857	202	882316	43.213	ng	100
80) Butylbenzylphthalate	13.475	149	322051	45.590	ng	97
81) Benzo(a)anthracene	14.045	228	1082526	48.520	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	369535	38.232	ng	99
83) Chrysene	14.086	228	1034544	51.245	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	431215	41.646	ng	99
85) Di-n-octyl phthalate	14.651	149	858998	45.735	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.033	276	2524130	48.441	ng	98
88) Benzo(b)fluoranthene	15.104	252	1703090	48.697	ng	100
89) Benzo(k)fluoranthene	15.133	252	1756538	49.992	ng	99
90) Benzo(a)pyrene	15.474	252	1702092	51.776	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	2073589	48.654	ng	# 99
92) Benzo(g,h,i)perylene	17.492	276	1971788	47.994	ng	98

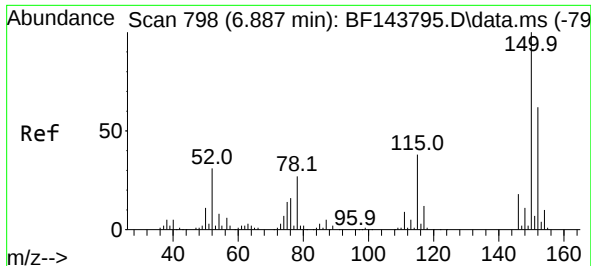
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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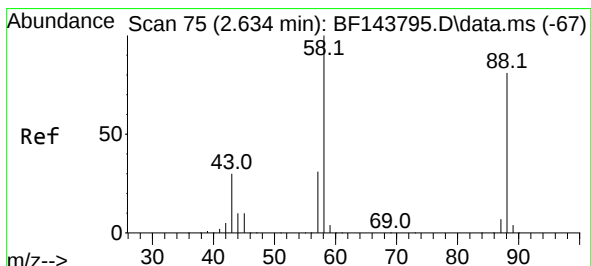
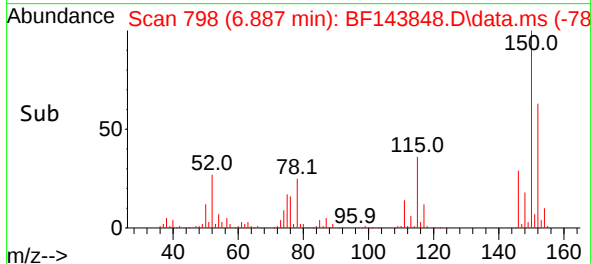
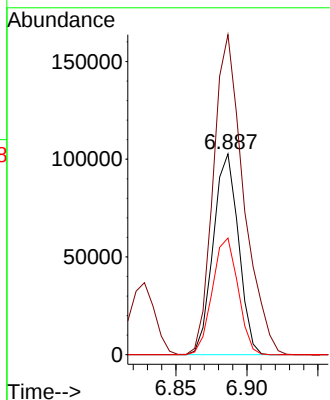
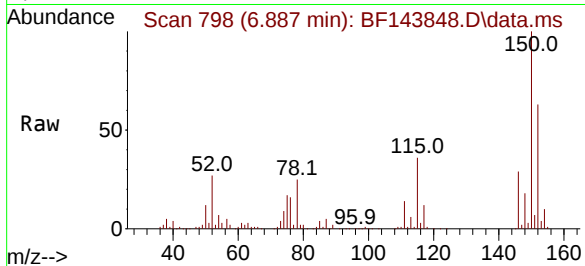




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF143848.D
 Acq: 30 Sep 2025 22:31

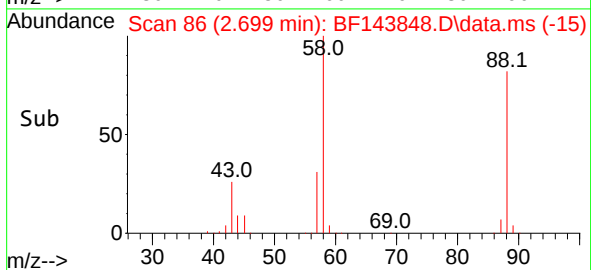
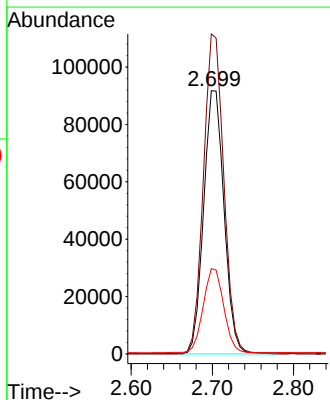
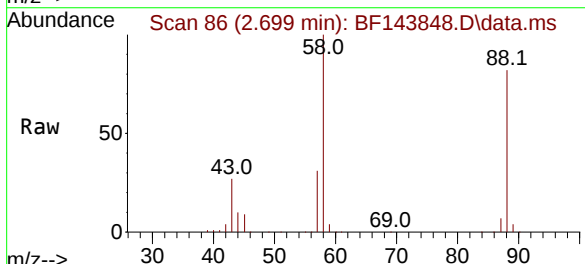
Instrument :
 BNA_F
 ClientSampleId :
 12-8MS

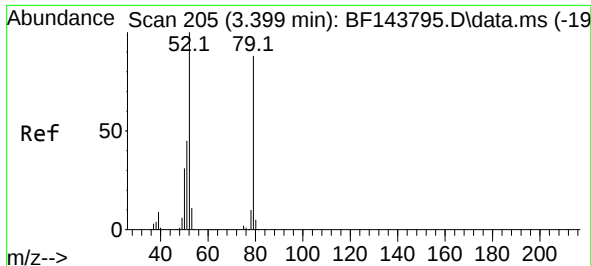
Tgt Ion:152 Resp: 127168
 Ion Ratio Lower Upper
 152 100
 150 159.3 129.6 194.4
 115 58.1 49.0 73.4



#2
 1,4-Dioxane
 Concen: 42.690 ng
 RT: 2.699 min Scan# 86
 Delta R.T. 0.065 min
 Lab File: BF143848.D
 Acq: 30 Sep 2025 22:31

Tgt Ion: 88 Resp: 159934
 Ion Ratio Lower Upper
 88 100
 58 120.7 99.4 149.2
 43 32.4 30.6 45.8





#3

Pyridine

Concen: 43.722 ng

RT: 3.463 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

Instrument :

BNA_F

ClientSampleId :

12-8MS

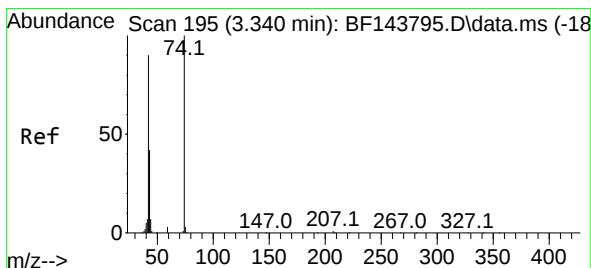
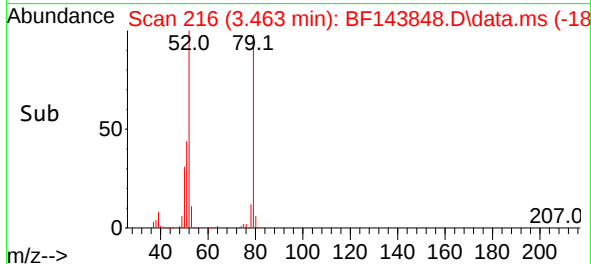
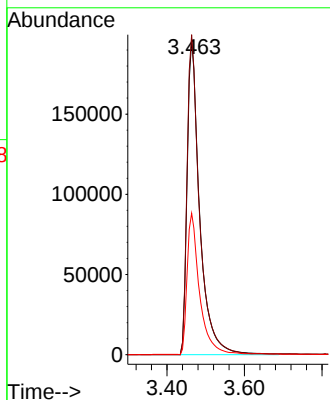
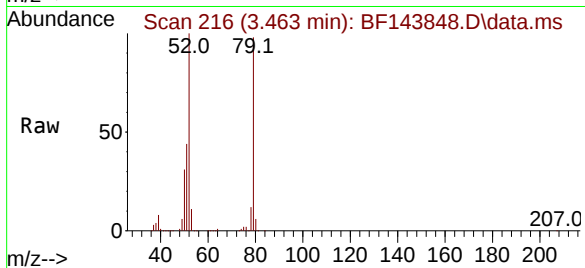
Tgt Ion: 79 Resp: 442148

Ion Ratio Lower Upper

79 100

52 101.8 90.5 135.7

51 45.0 40.6 61.0



#4

n-Nitrosodimethylamine

Concen: 43.175 ng

RT: 3.410 min Scan# 207

Delta R.T. 0.053 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

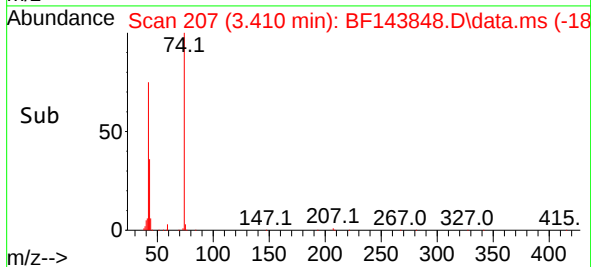
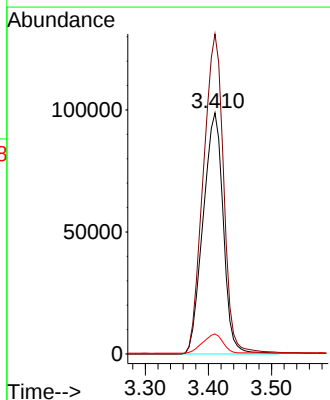
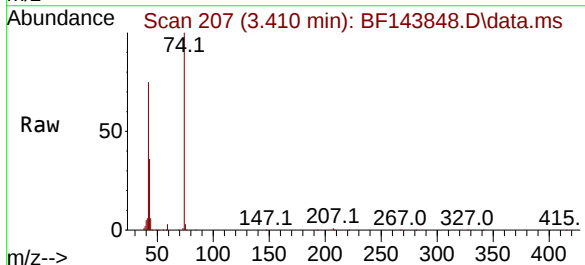
Tgt Ion: 42 Resp: 218932

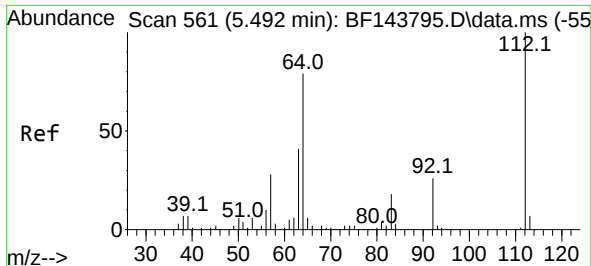
Ion Ratio Lower Upper

42 100

74 132.7 89.1 133.7

44 8.3 6.4 9.6

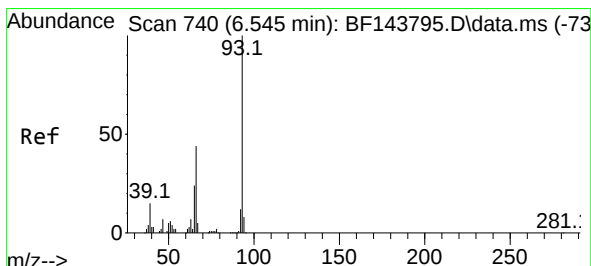
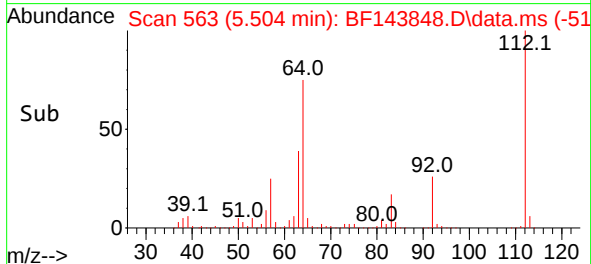
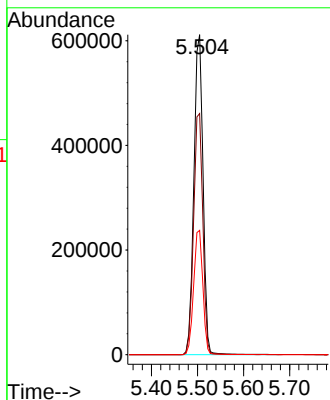
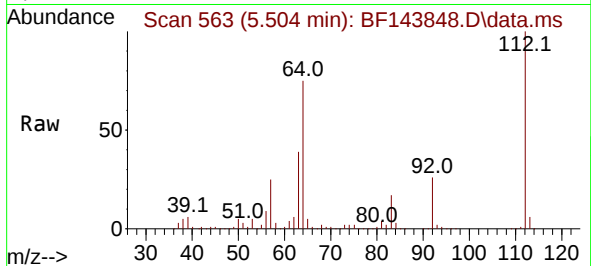




#5
2-Fluorophenol
Concen: 107.381 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

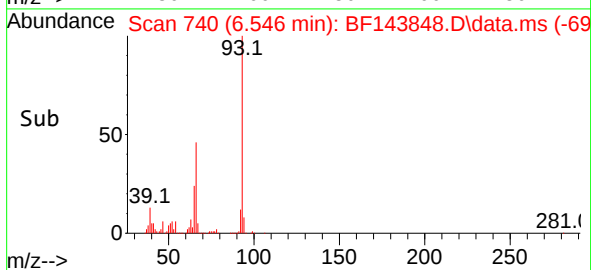
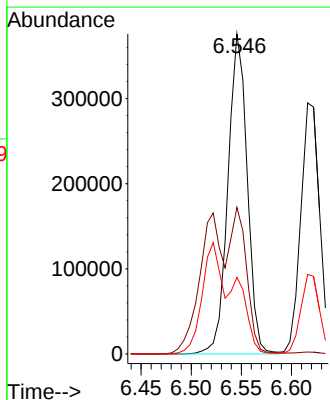
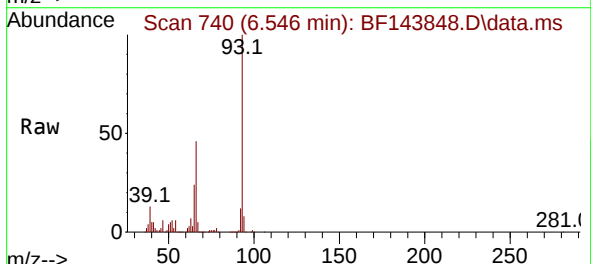
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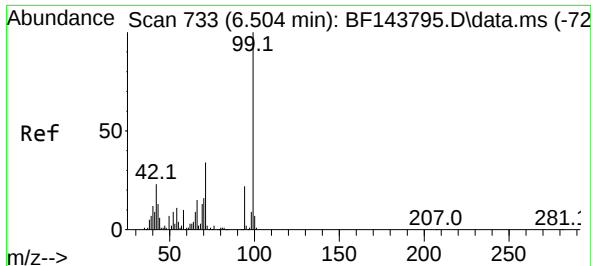
Tgt Ion:112 Resp: 840486
Ion Ratio Lower Upper
112 100
64 75.4 63.0 94.4
63 38.8 32.6 49.0



#6
Aniline
Concen: 38.294 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion: 93 Resp: 502653
Ion Ratio Lower Upper
93 100
66 45.8 37.1 55.7
65 23.9 19.4 29.0

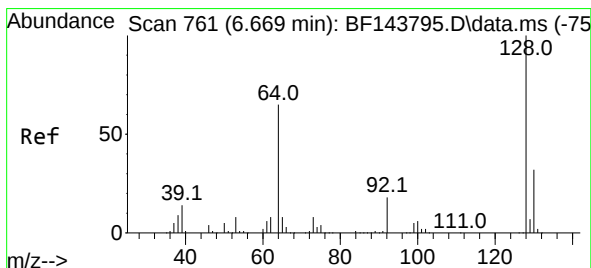
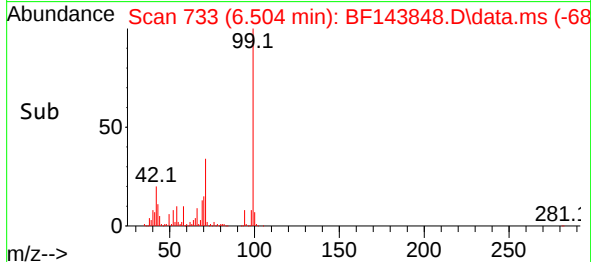
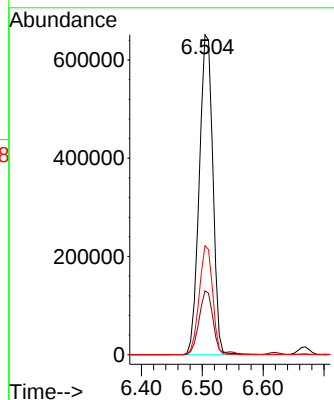
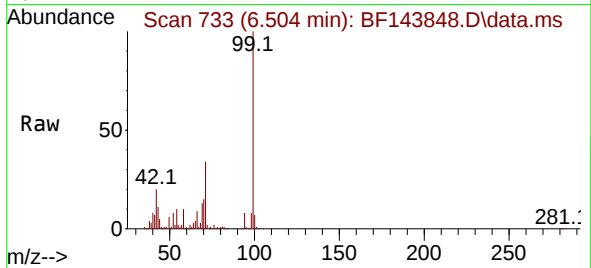




#7
Phenol-d6
Concen: 111.453 ng
RT: 6.504 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

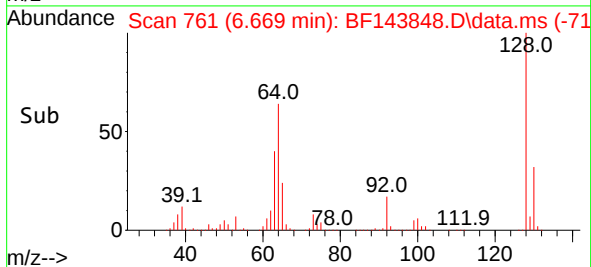
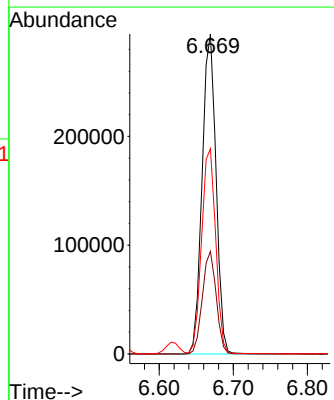
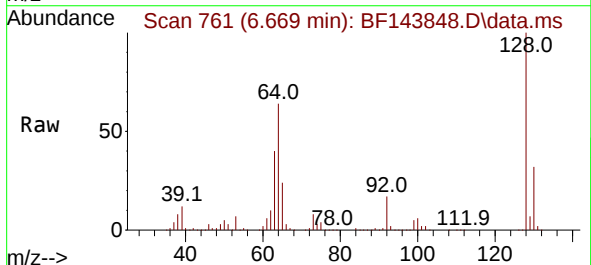
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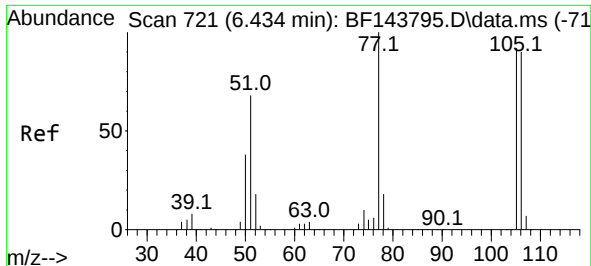
Tgt Ion: 99 Resp: 1007957
Ion Ratio Lower Upper
99 100
42 19.9 18.6 28.0
71 34.1 27.0 40.4



#8
2-Chlorophenol
Concen: 47.845 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion: 128 Resp: 383378
Ion Ratio Lower Upper
128 100
130 32.1 12.2 52.2
64 64.1 46.5 86.5

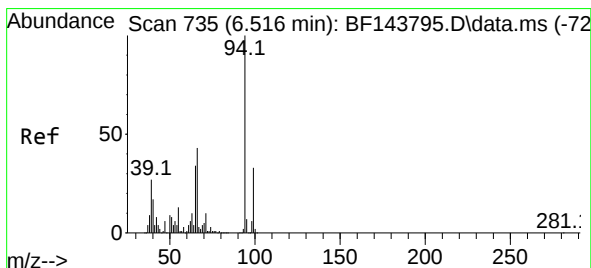
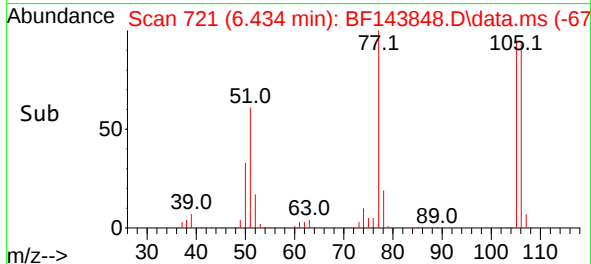
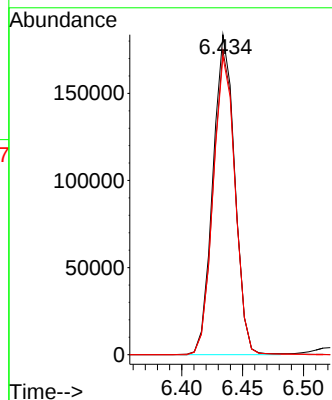
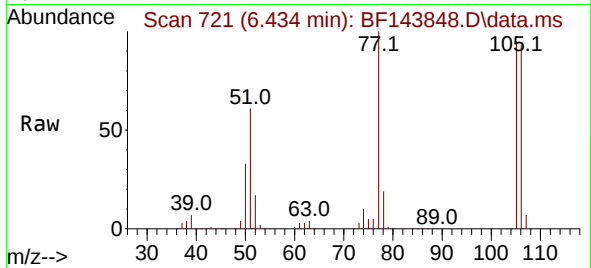




#9
Benzaldehyde
Concen: 28.840 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
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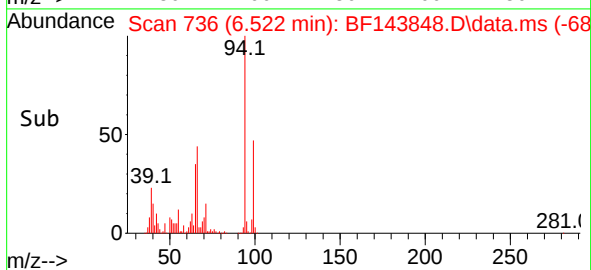
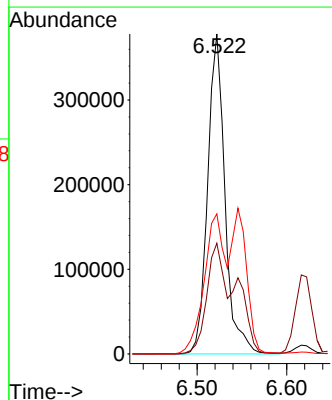
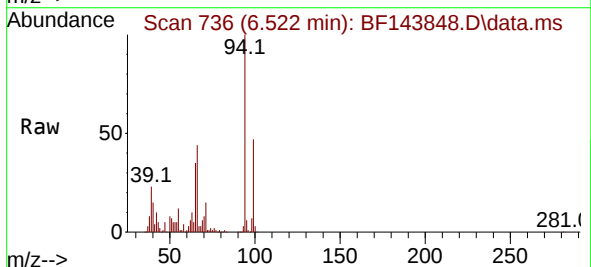
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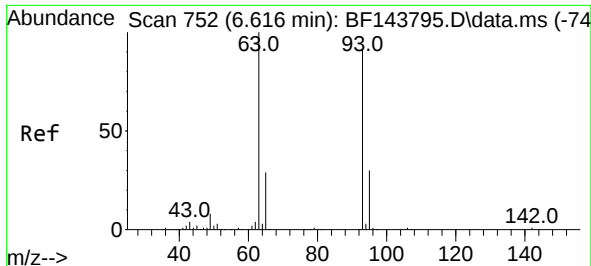
Tgt Ion: 77 Resp: 228403
Ion Ratio Lower Upper
77 100
105 95.0 71.8 111.8
106 93.1 69.8 109.8



#10
Phenol
Concen: 48.197 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion: 94 Resp: 506649
Ion Ratio Lower Upper
94 100
65 34.6 14.2 54.2
66 43.8 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 45.752 ng

RT: 6.616 min Scan# 752

Delta R.T. -0.006 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

Instrument :

BNA_F

ClientSampleId :

12-8MS

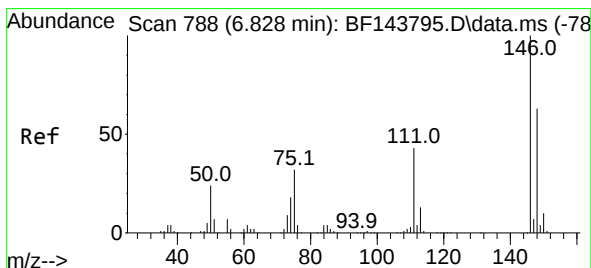
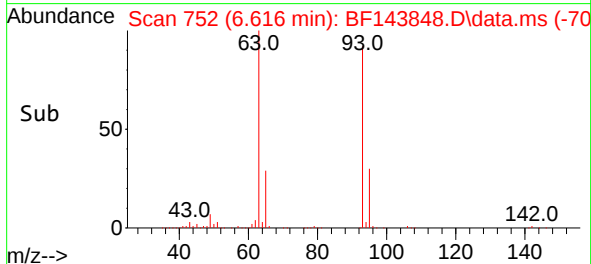
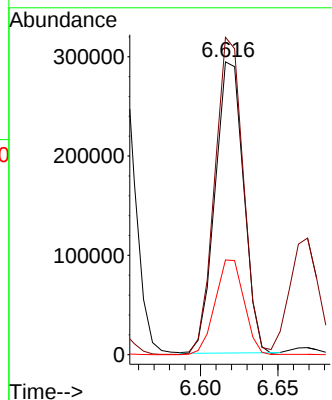
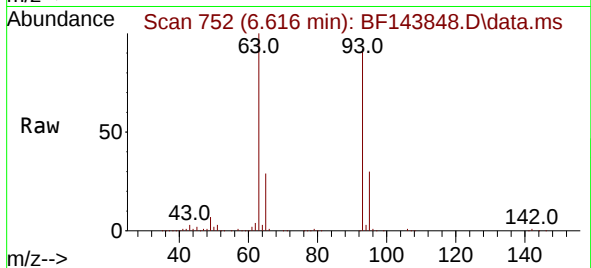
Tgt Ion: 93 Resp: 377005

Ion Ratio Lower Upper

93 100

63 108.4 89.2 129.2

95 32.3 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 47.361 ng

RT: 6.828 min Scan# 788

Delta R.T. 0.000 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

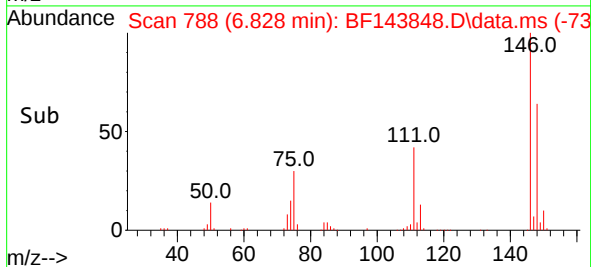
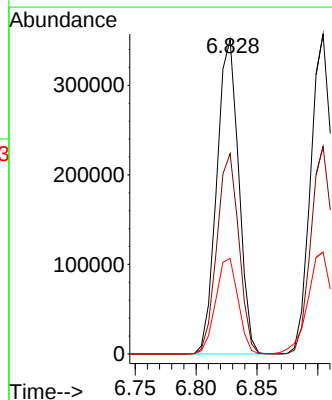
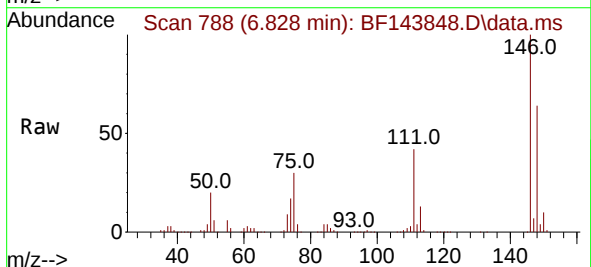
Tgt Ion:146 Resp: 440629

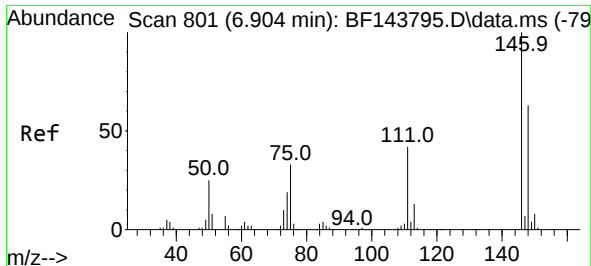
Ion Ratio Lower Upper

146 100

148 63.7 50.4 75.6

75 30.4 25.6 38.4

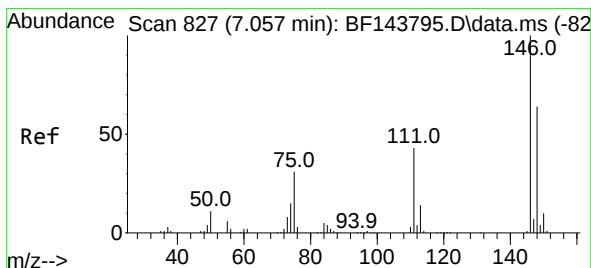
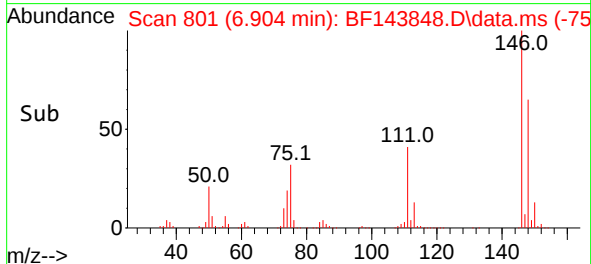
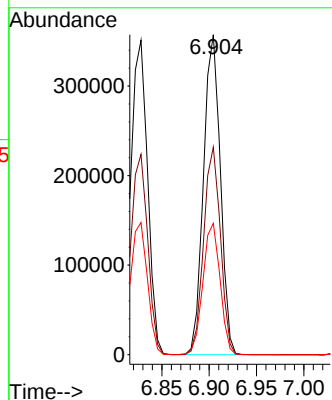
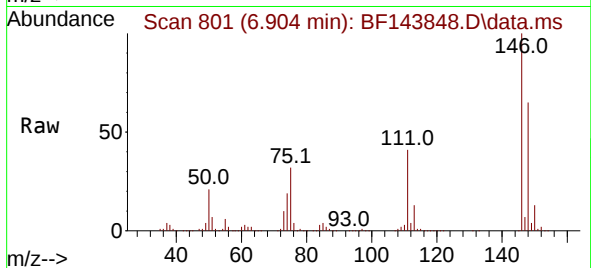




#13
1,4-Dichlorobenzene
Concen: 47.554 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

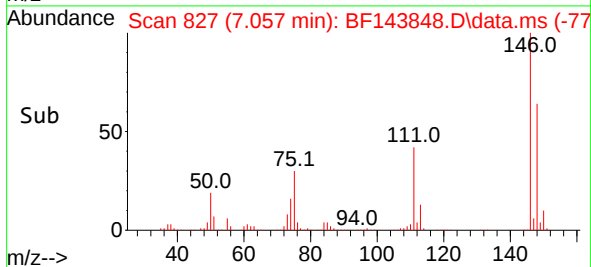
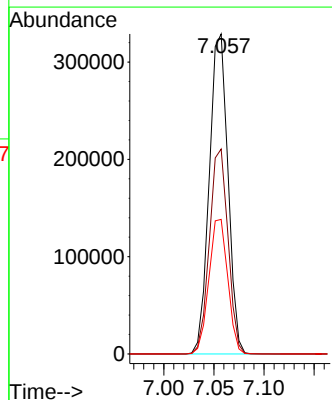
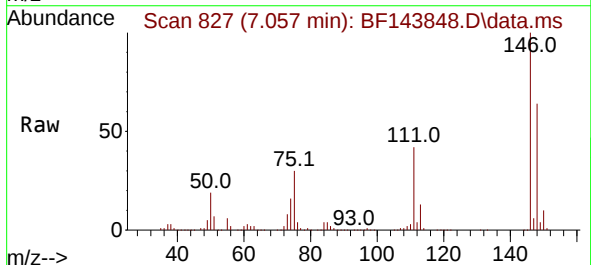
Instrument :
BNA_F
ClientSampleId :
12-8MS

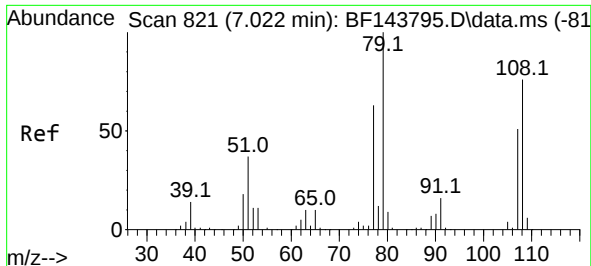
Tgt Ion:146 Resp: 441518
Ion Ratio Lower Upper
146 100
148 64.9 50.7 76.1
111 41.1 33.4 50.2



#14
1,2-Dichlorobenzene
Concen: 48.526 ng
RT: 7.057 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion:146 Resp: 426713
Ion Ratio Lower Upper
146 100
148 64.1 51.1 76.7
111 42.0 34.3 51.5

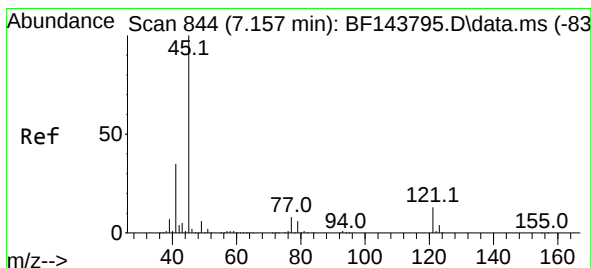
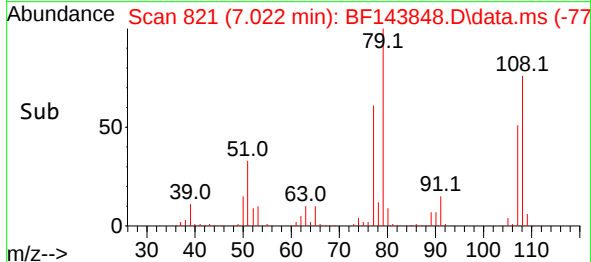
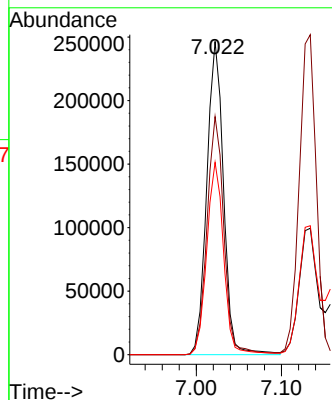
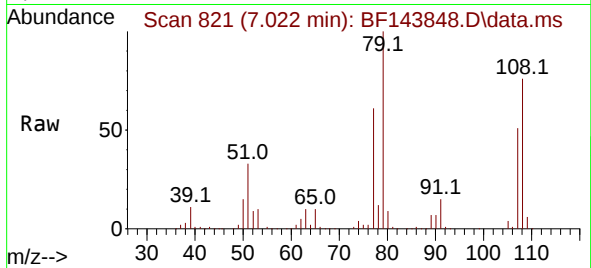




#15
Benzyl Alcohol
Concen: 51.545 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

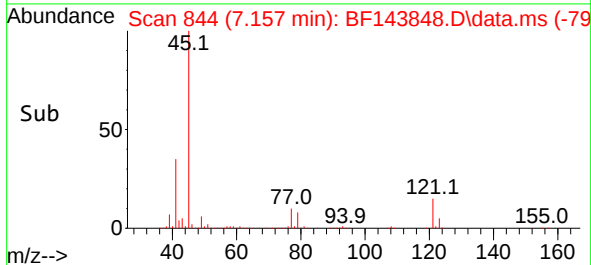
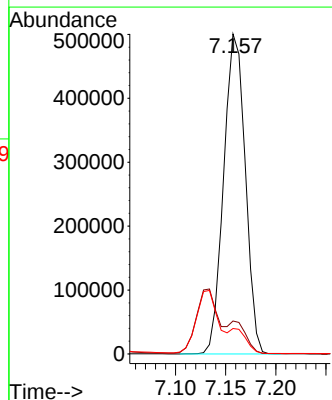
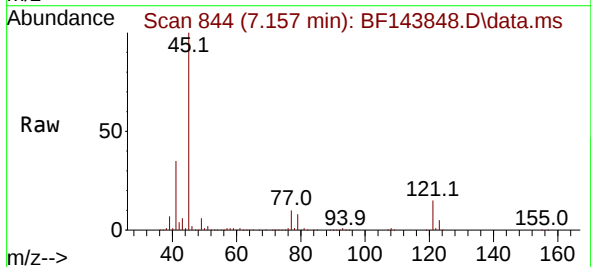
Instrument :
BNA_F
ClientSampleId :
12-8MS

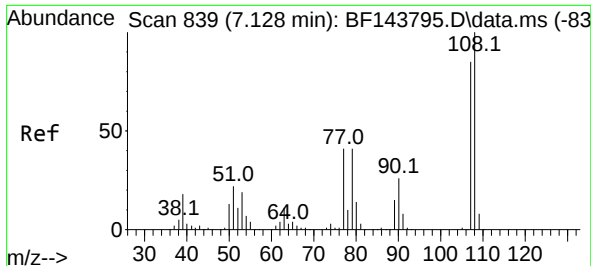
Tgt Ion: 79 Resp: 336834
Ion Ratio Lower Upper
79 100
108 76.0 60.5 90.7
77 61.4 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.417 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion: 45 Resp: 750652
Ion Ratio Lower Upper
45 100
77 10.3 0.0 28.5
79 7.9 0.0 26.3



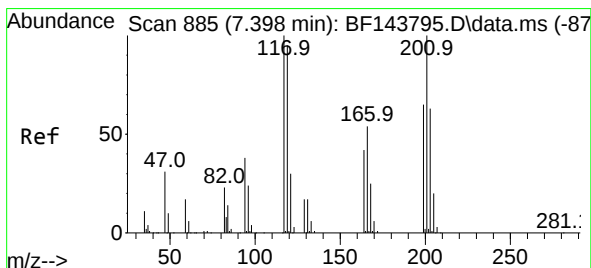
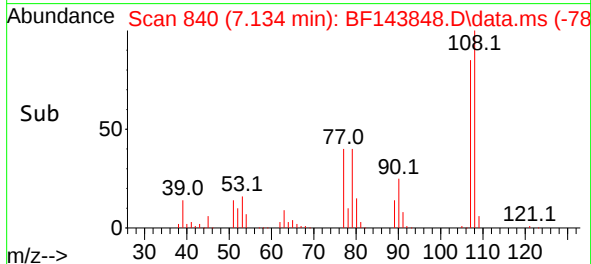
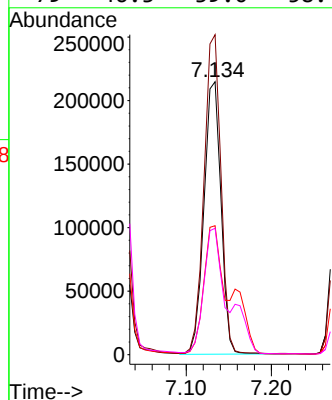
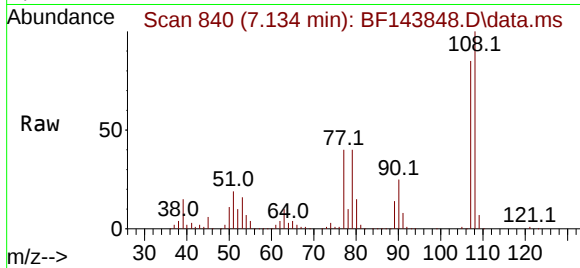


#17
2-Methylphenol
Concen: 47.952 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Instrument :
BNA_F
ClientSampleId :
12-8MS

Tgt Ion:107 Resp: 297473

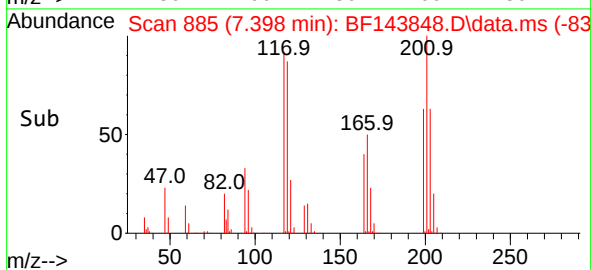
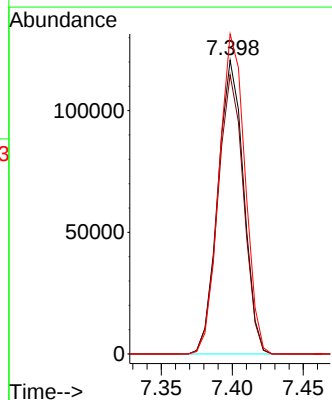
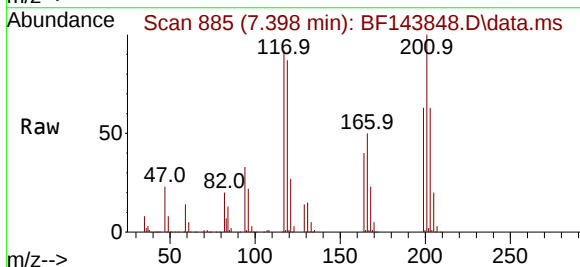
Ion	Ratio	Lower	Upper
107	100		
108	117.3	94.2	141.4
77	47.3	38.6	58.0
79	46.3	39.0	58.4

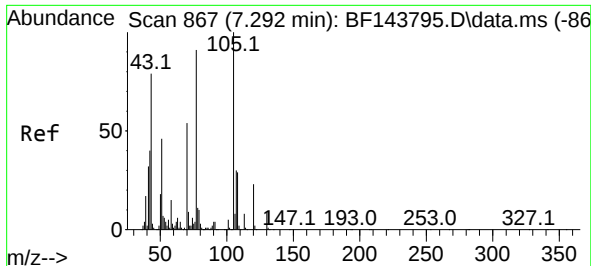


#18
Hexachloroethane
Concen: 46.468 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion:117 Resp: 151727

Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.2	114.2
201	108.9	79.7	119.5

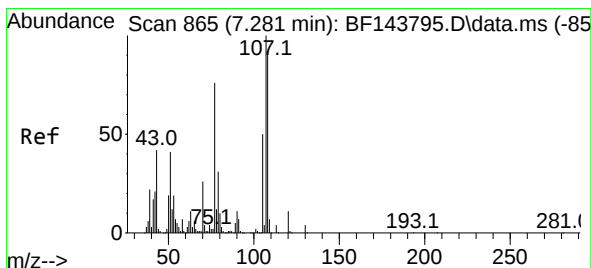
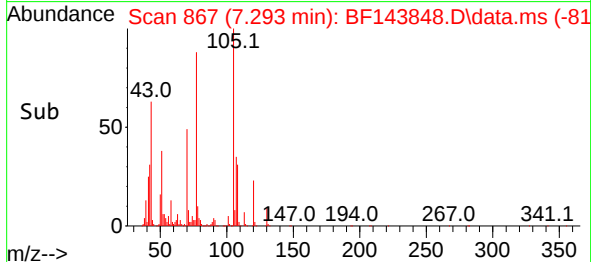
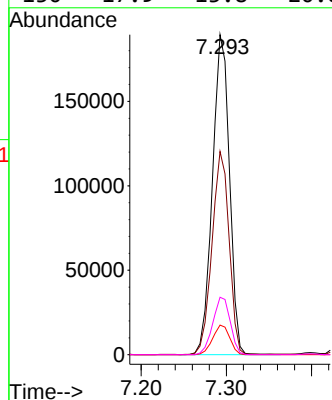
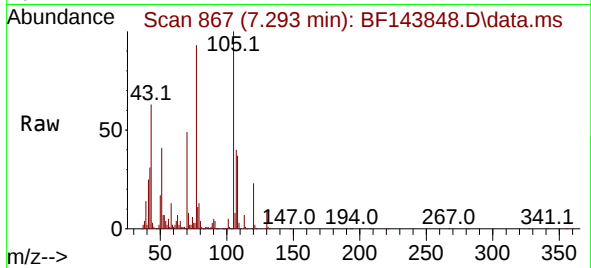




#19
n-Nitroso-di-n-propylamine
Concen: 45.188 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

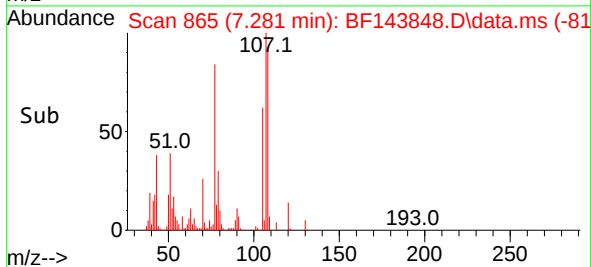
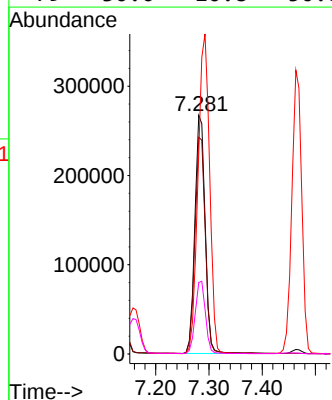
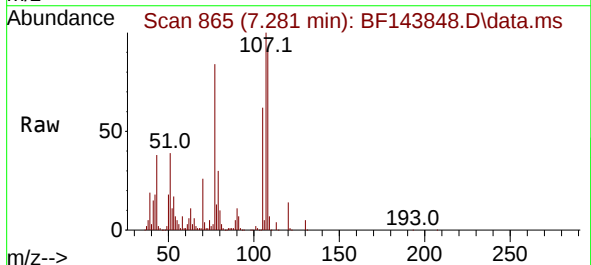
Instrument :
BNA_F
ClientSampleId :
12-8MS

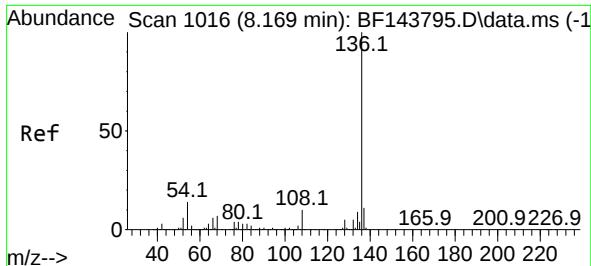
Tgt Ion: 70 Resp: 262796
Ion Ratio Lower Upper
70 100
42 63.5 59.4 89.0
101 9.2 7.1 10.7
130 17.9 13.8 20.8



#20
3+4-Methylphenols
Concen: 47.322 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion: 107 Resp: 357508
Ion Ratio Lower Upper
107 100
108 90.8 72.5 112.5
77 84.5 56.2 96.2
79 30.0 10.8 50.8

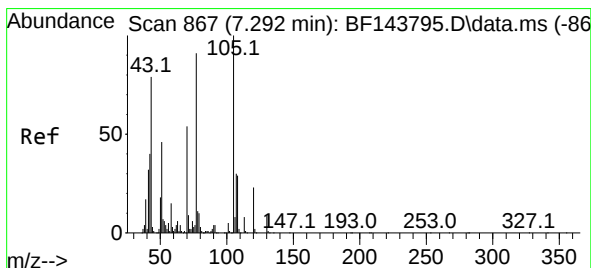
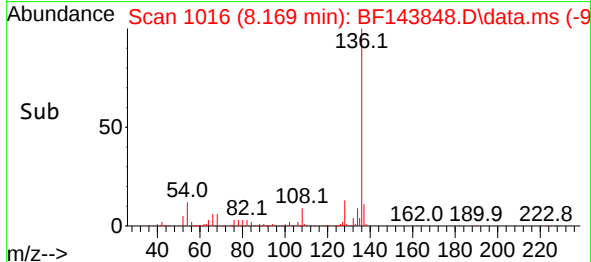
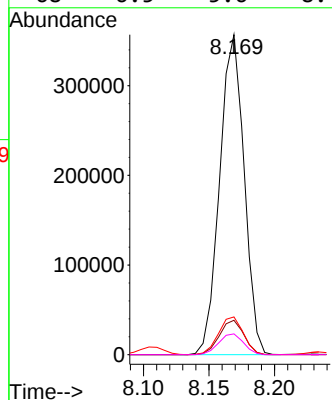
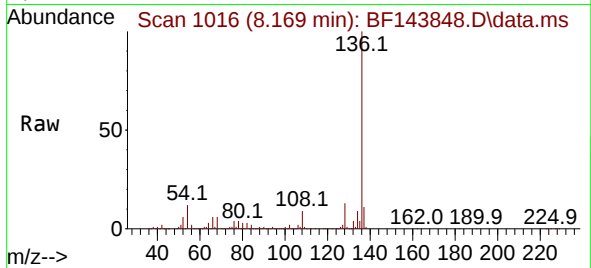




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

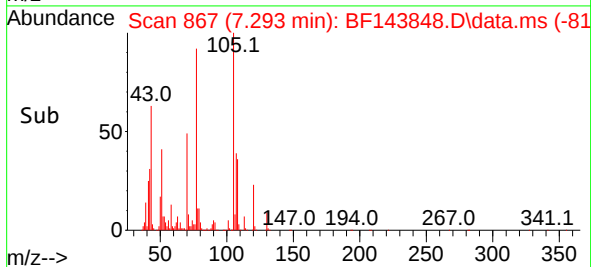
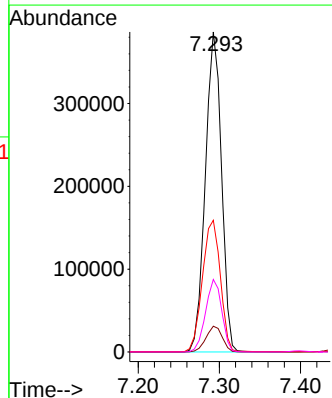
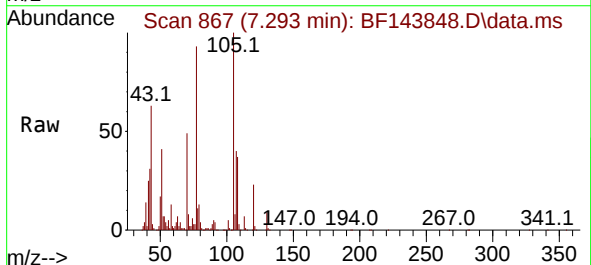
Instrument :
BNA_F
ClientSampleId :
12-8MS

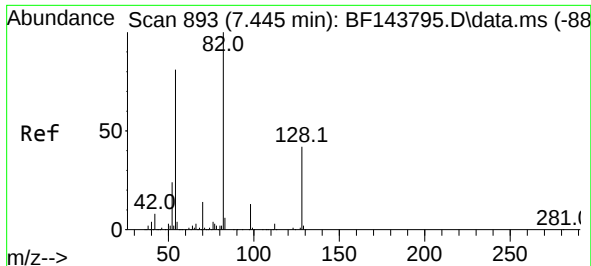
Tgt Ion:	136	Resp:	463068
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.0	13.4
54	11.8	11.2	16.8
68	6.5	5.6	8.4



#22
Acetophenone
Concen: 52.487 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion:	105	Resp:	533826
Ion Ratio	Lower	Upper	
105	100		
71	8.1	7.0	10.4
51	41.2	36.6	55.0
120	22.7	18.1	27.1





#23

Nitrobenzene-d5

Concen: 78.219 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

Instrument :

BNA_F

ClientSampleId :

12-8MS

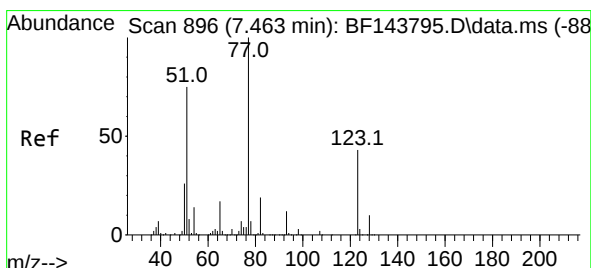
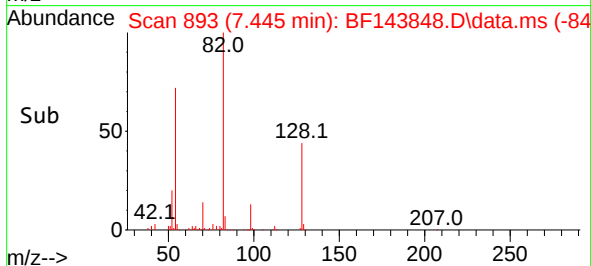
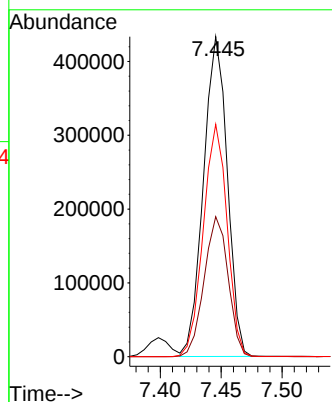
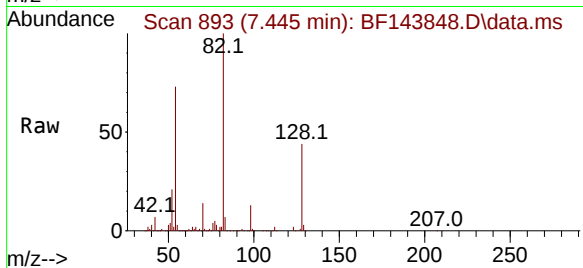
Tgt Ion: 82 Resp: 591731

Ion Ratio Lower Upper

82 100

128 43.8 33.3 49.9

54 72.6 64.2 96.4



#24

Nitrobenzene

Concen: 48.791 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

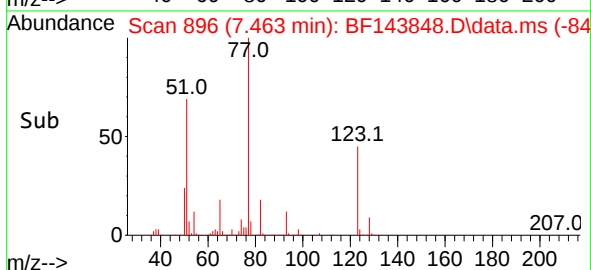
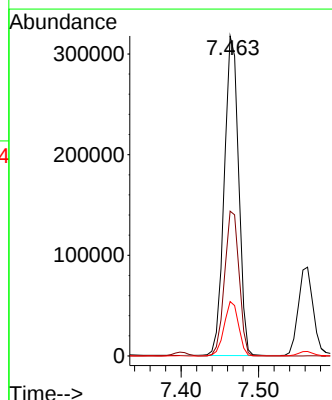
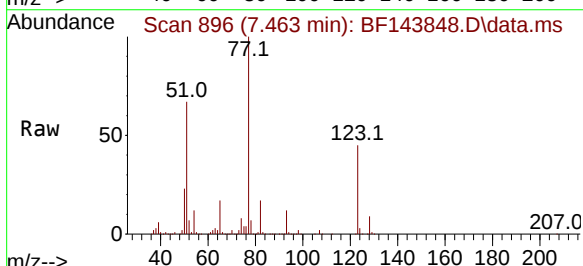
Tgt Ion: 77 Resp: 409127

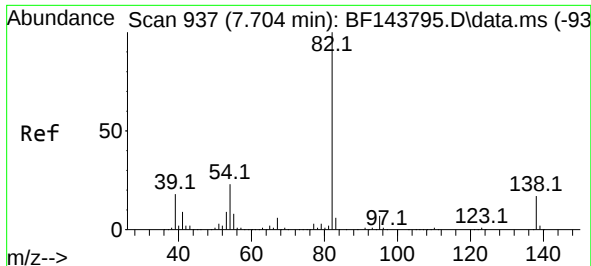
Ion Ratio Lower Upper

77 100

123 45.2 34.0 51.0

65 17.0 13.5 20.3

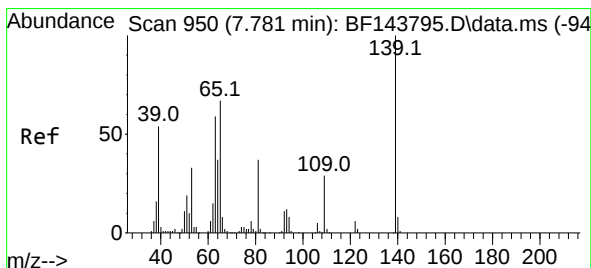
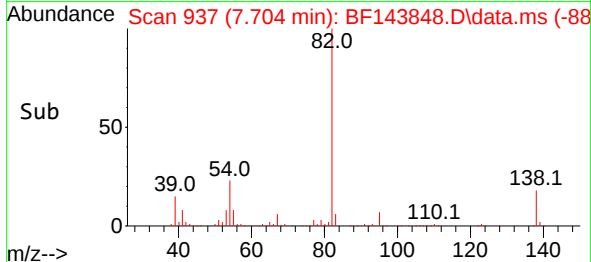
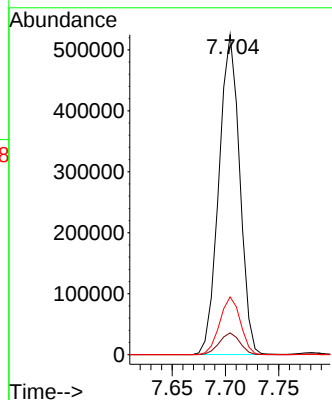
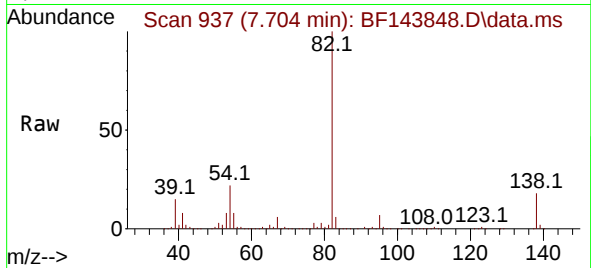




#25
Isophorone
Concen: 48.246 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

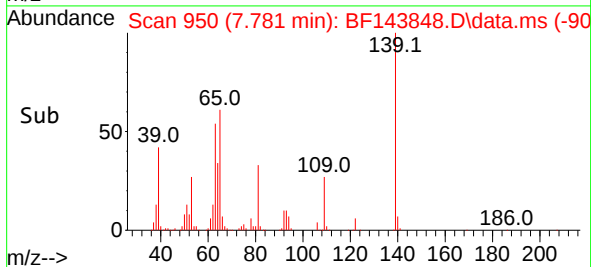
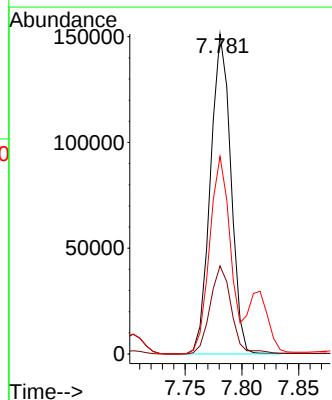
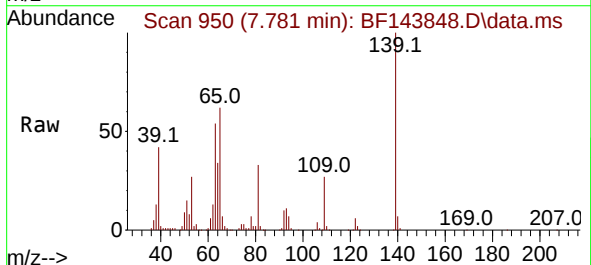
Instrument :
BNA_F
ClientSampleId :
12-8MS

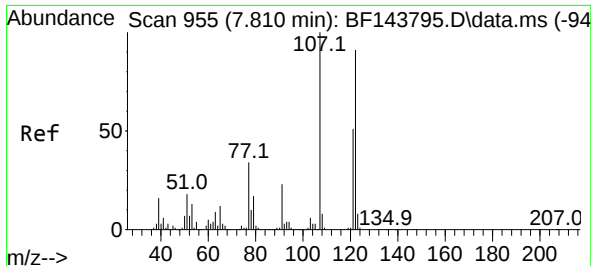
Tgt Ion: 82 Resp: 711234
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 18.0 13.7 20.5



#26
2-Nitrophenol
Concen: 54.555 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion:139 Resp: 189160
Ion Ratio Lower Upper
139 100
109 27.5 23.3 34.9
65 61.7 53.8 80.6





#27

2,4-Dimethylphenol

Concen: 52.013 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

Instrument :

BNA_F

ClientSampleId :

12-8MS

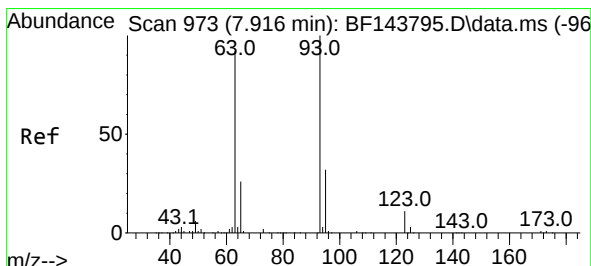
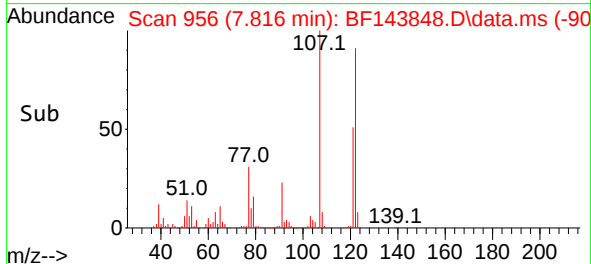
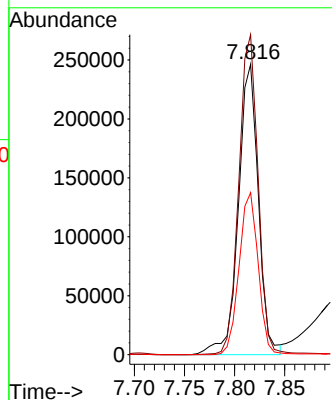
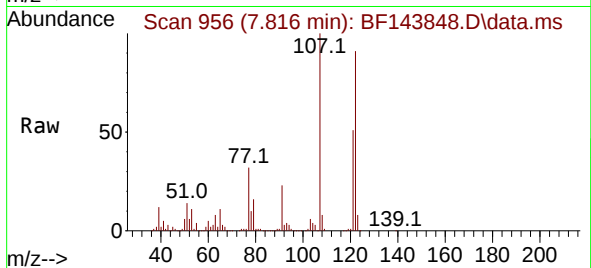
Tgt Ion:122 Resp: 342714

Ion Ratio Lower Upper

122 100

107 110.2 87.5 131.3

121 55.8 44.2 66.4



#28

bis(2-Chloroethoxy)methane

Concen: 45.707 ng

RT: 7.916 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

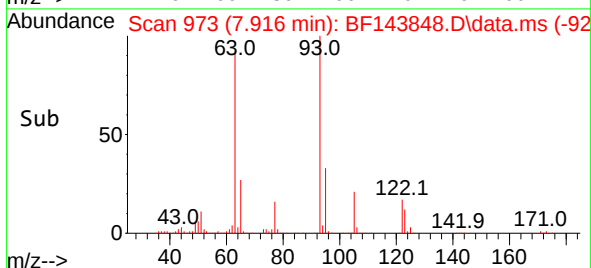
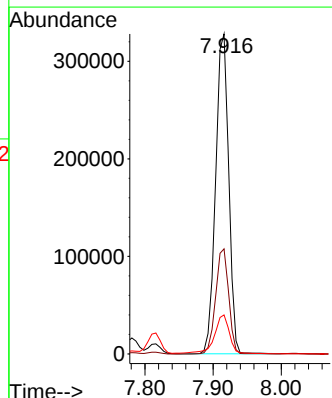
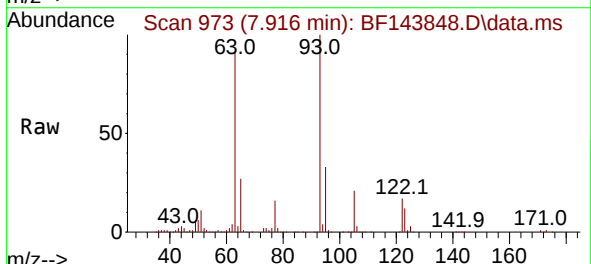
Tgt Ion: 93 Resp: 437771

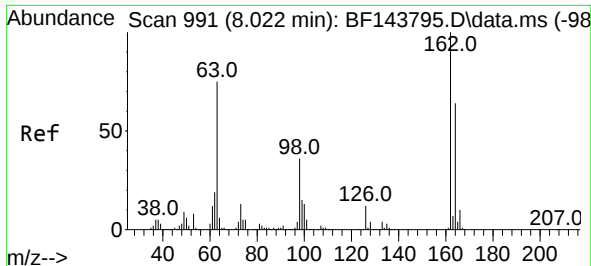
Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.8

123 12.2 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 48.891 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

Instrument :

BNA_F

ClientSampleId :

12-8MS

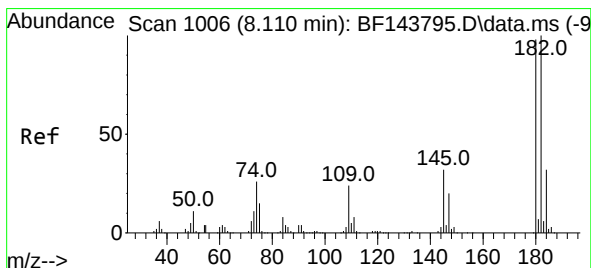
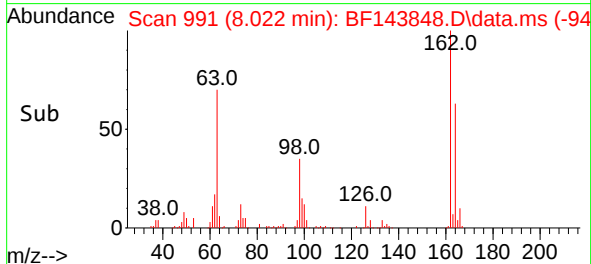
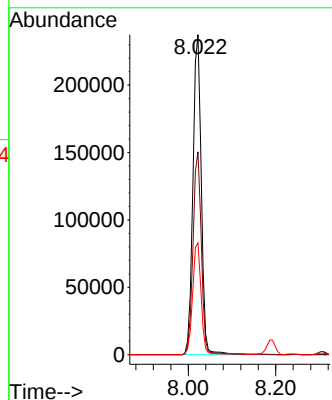
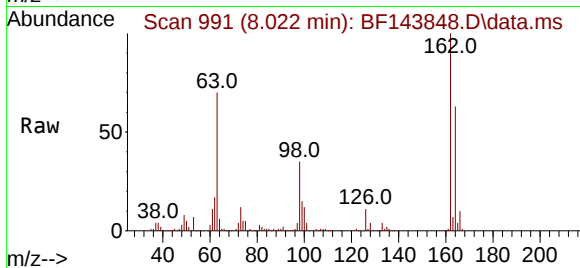
Tgt Ion:162 Resp: 316980

Ion Ratio Lower Upper

162 100

164 63.4 44.1 84.1

98 34.9 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 51.761 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

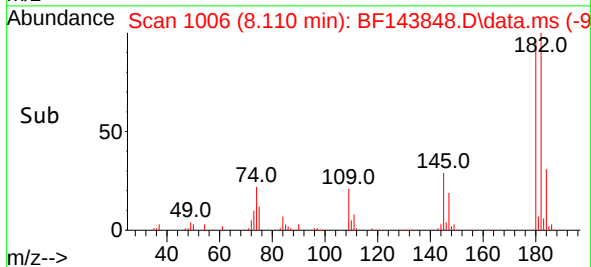
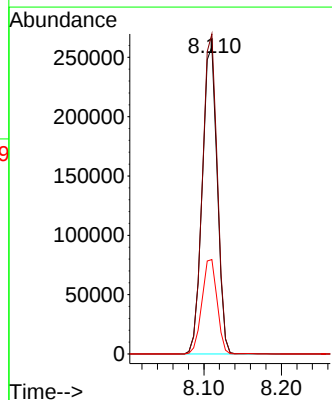
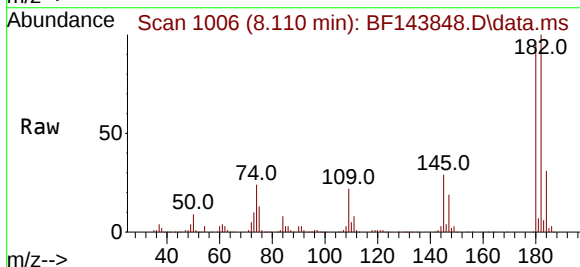
Tgt Ion:180 Resp: 348268

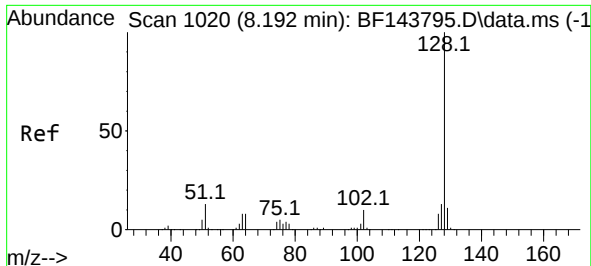
Ion Ratio Lower Upper

180 100

182 104.1 82.0 123.0

145 30.7 25.9 38.9

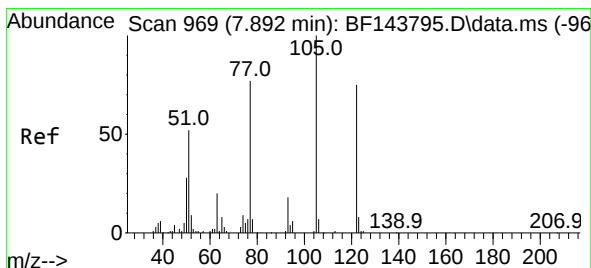
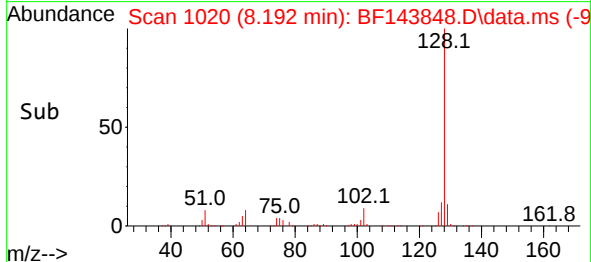
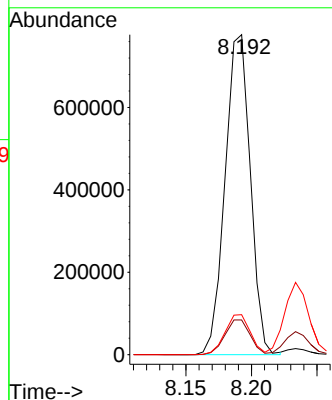
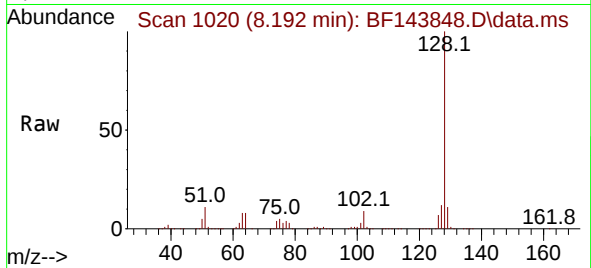




#31
Naphthalene
Concen: 46.865 ng
RT: 8.192 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

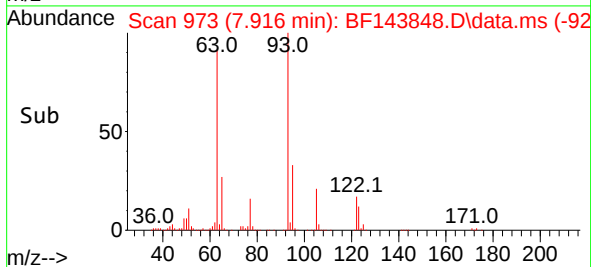
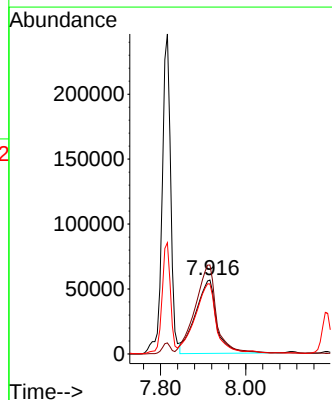
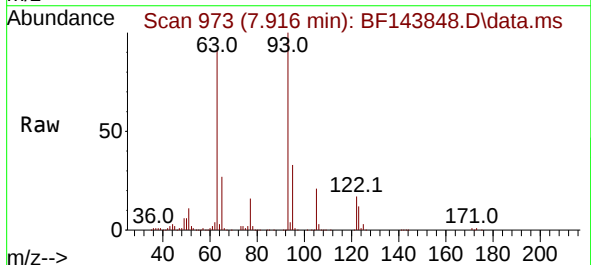
Instrument :
BNA_F
ClientSampleId :
12-8MS

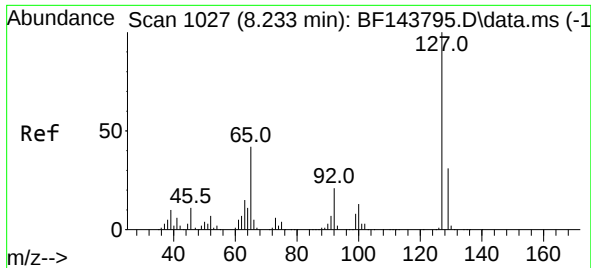
Tgt Ion:128 Resp: 1038884
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.5 10.2 15.4



#32
Benzoic acid
Concen: 61.702 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion:122 Resp: 196156
Ion Ratio Lower Upper
122 100
105 120.2 103.7 143.7
77 94.8 78.8 118.8

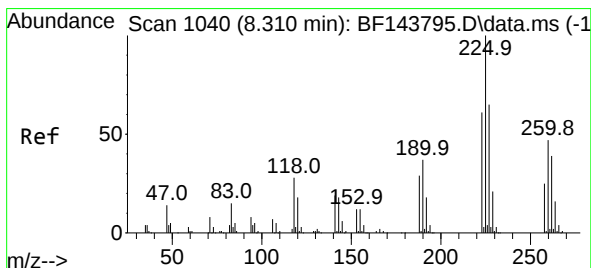
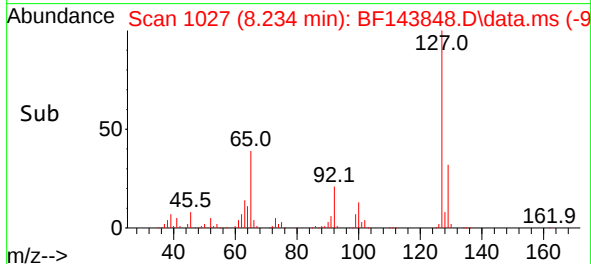
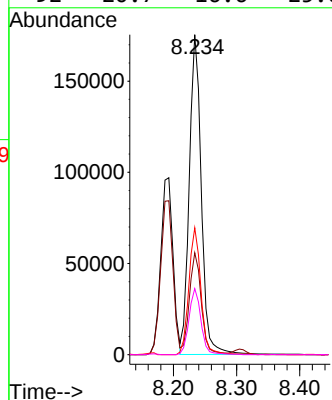
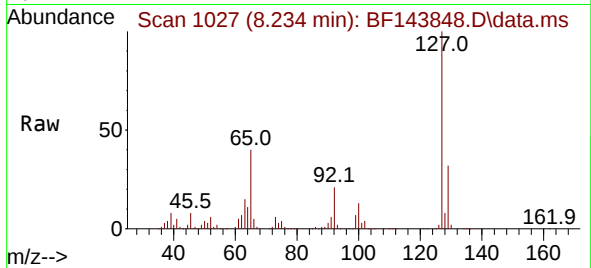




#33
4-Chloroaniline
Concen: 29.897 ng
RT: 8.234 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

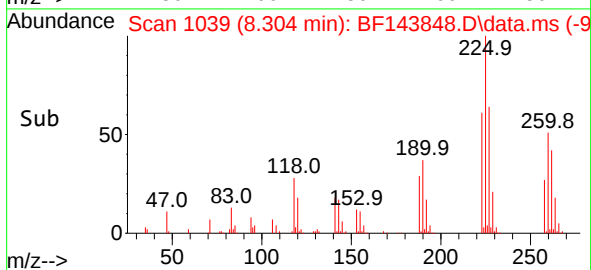
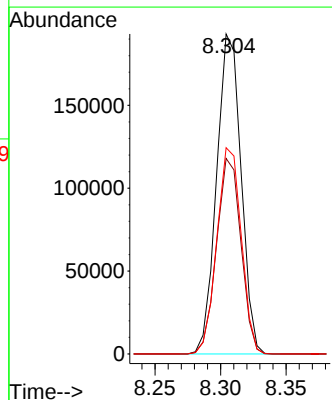
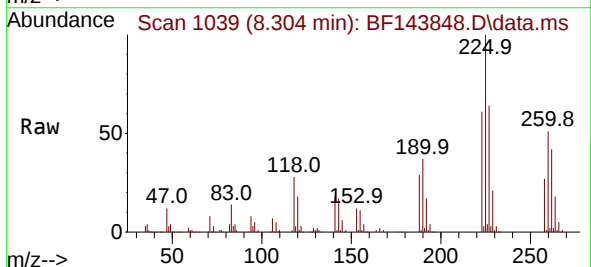
Instrument :
BNA_F
ClientSampleId :
12-8MS

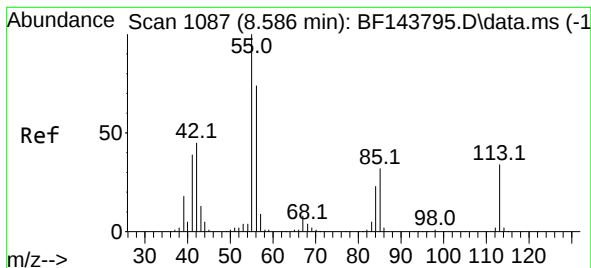
Tgt Ion:	127	Resp:	232900
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.4	38.2
65	39.7	33.4	50.2
92	20.7	16.6	25.0



#34
Hexachlorobutadiene
Concen: 49.826 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion:	225	Resp:	249915
Ion	Ratio	Lower	Upper
225	100		
223	61.1	48.6	72.8
227	64.5	51.9	77.9





#35

Caprolactam

Concen: 55.889 ng

RT: 8.598 min Scan# 1089

Delta R.T. -0.012 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

Instrument :

BNA_F

ClientSampleId :

12-8MS

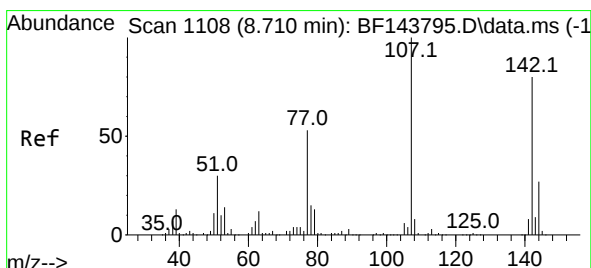
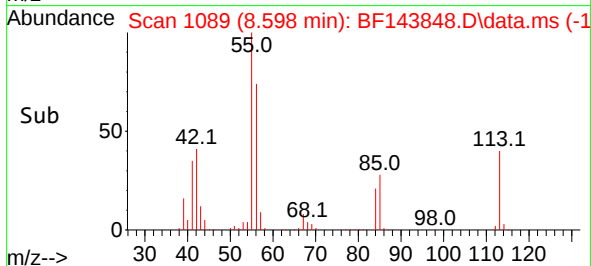
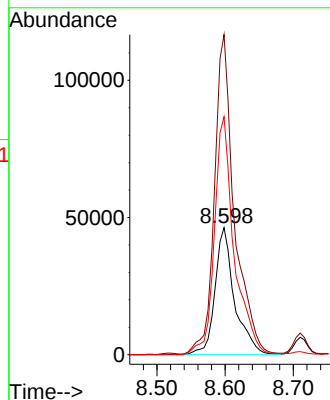
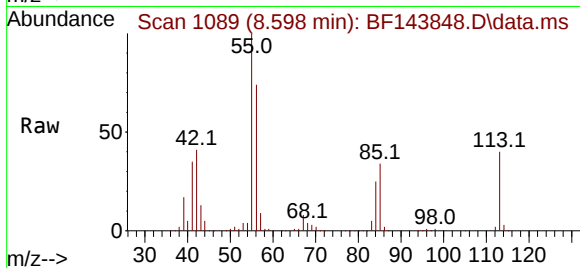
Tgt Ion:113 Resp: 92616

Ion Ratio Lower Upper

113 100

55 251.8 271.7 311.7#

56 187.2 194.5 234.5#



#36

4-Chloro-3-methylphenol

Concen: 49.280 ng

RT: 8.710 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

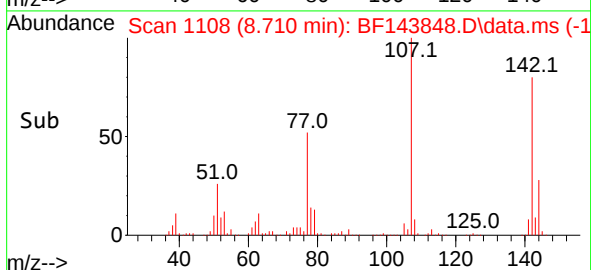
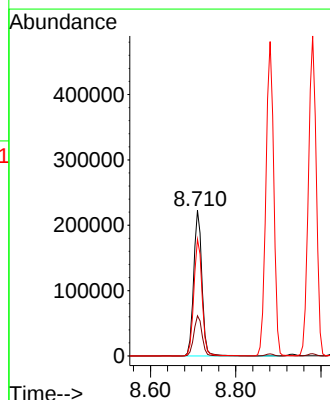
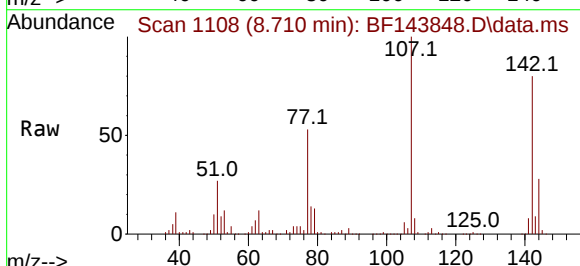
Tgt Ion:107 Resp: 299653

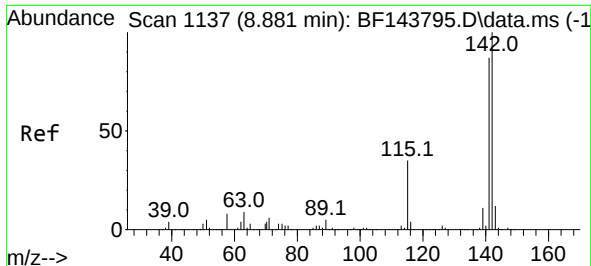
Ion Ratio Lower Upper

107 100

144 27.6 21.8 32.8

142 80.1 63.6 95.4

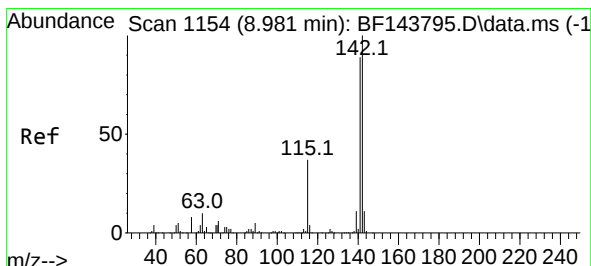
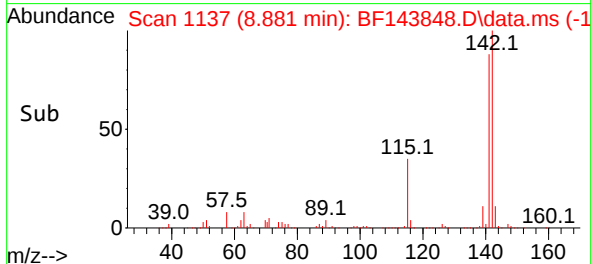
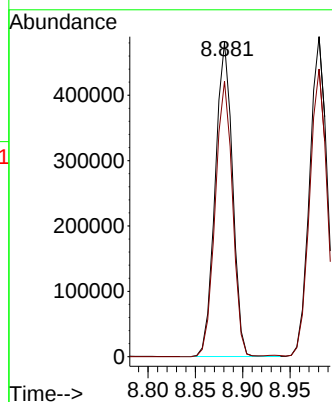
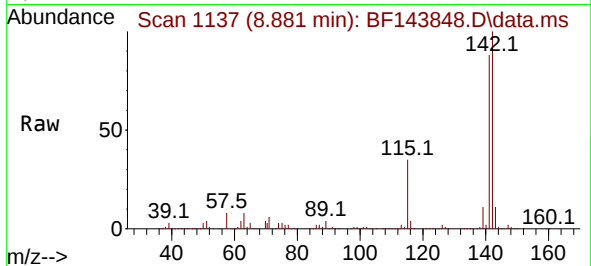




#37
2-Methylnaphthalene
Concen: 43.303 ng
RT: 8.881 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

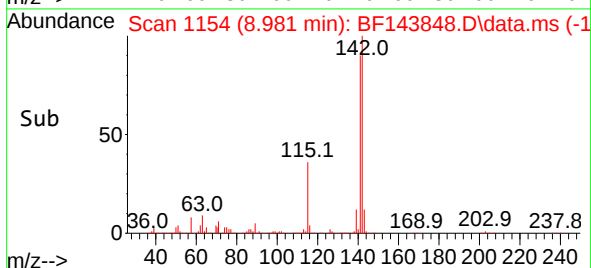
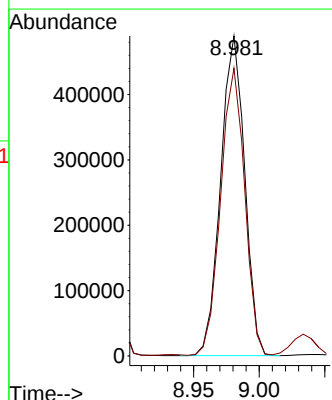
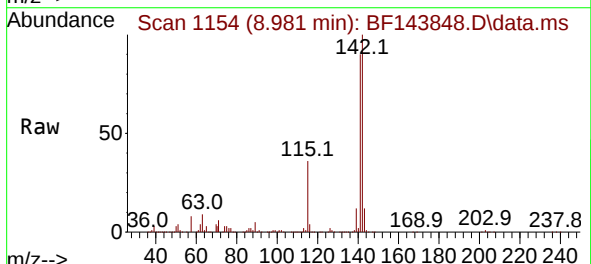
Instrument :
BNA_F
ClientSampleId :
12-8MS

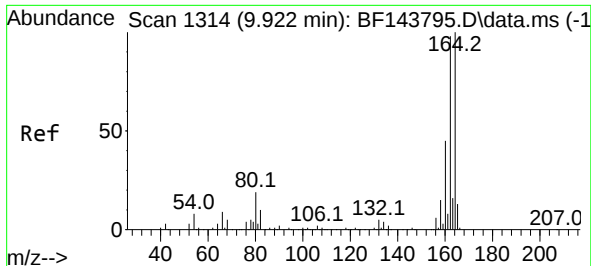
Tgt Ion:142 Resp: 612095
Ion Ratio Lower Upper
142 100
141 87.7 69.4 104.0



#38
1-Methylnaphthalene
Concen: 46.071 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion:142 Resp: 623326
Ion Ratio Lower Upper
142 100
141 89.9 71.1 106.7

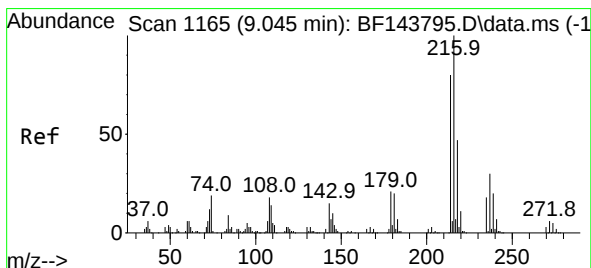
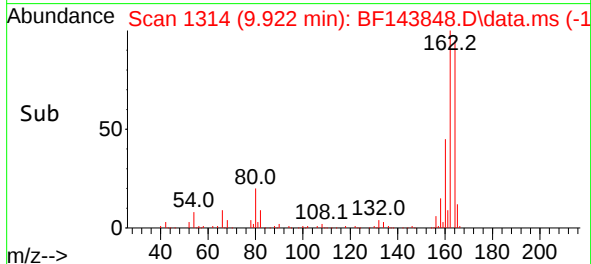
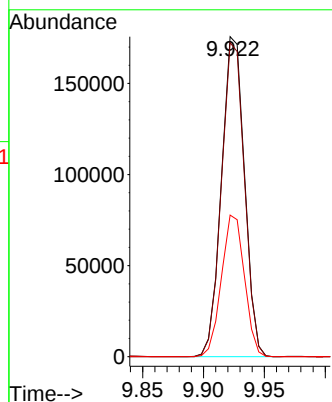
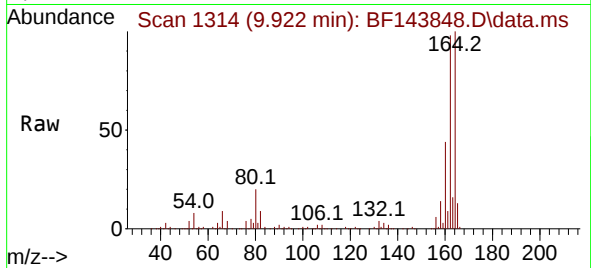




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

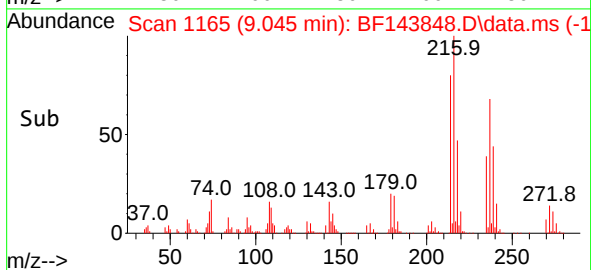
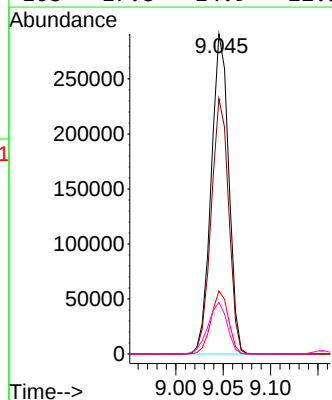
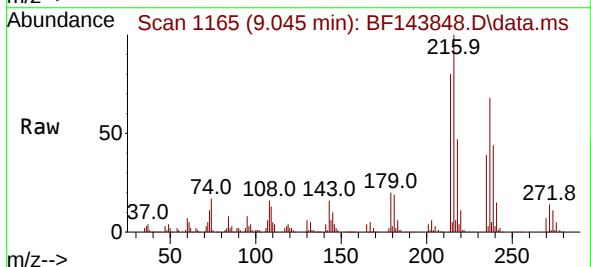
Instrument :
BNA_F
ClientSampleId :
12-8MS

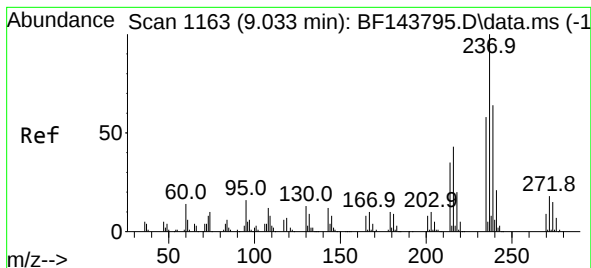
Tgt Ion:164 Resp: 231503
Ion Ratio Lower Upper
164 100
162 98.1 78.8 118.2
160 44.2 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.463 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion:216 Resp: 373511
Ion Ratio Lower Upper
216 100
214 79.9 63.7 95.5
179 19.4 16.5 24.7
108 17.8 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 121.562 ng

RT: 9.034 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

Instrument :

BNA_F

ClientSampleId :

12-8MS

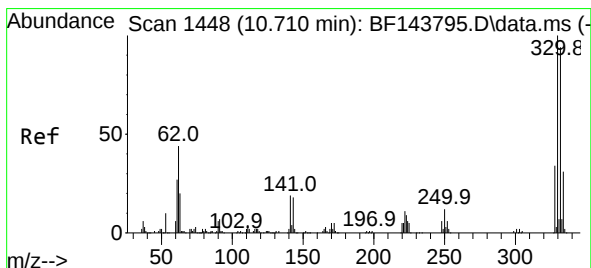
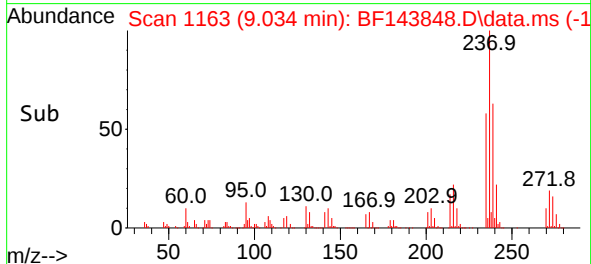
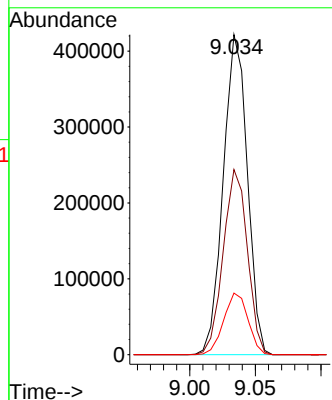
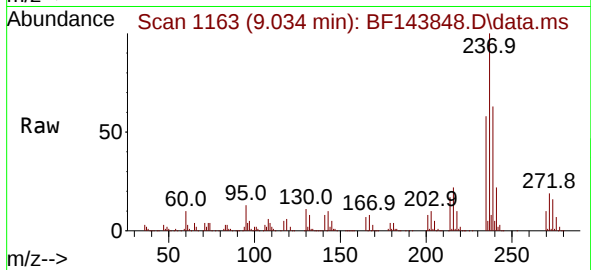
Tgt Ion:237 Resp: 538244

Ion Ratio Lower Upper

237 100

235 57.9 38.1 78.1

272 19.3 0.0 37.9



#42

2,4,6-Tribromophenol

Concen: 126.984 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

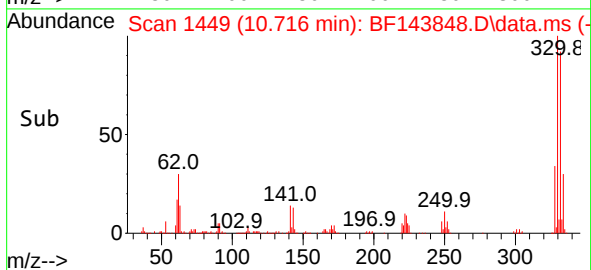
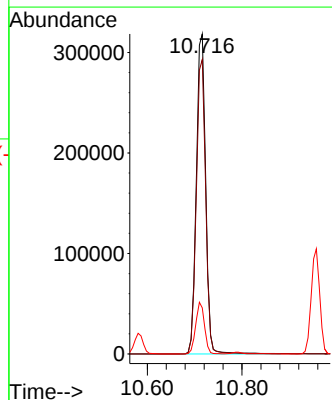
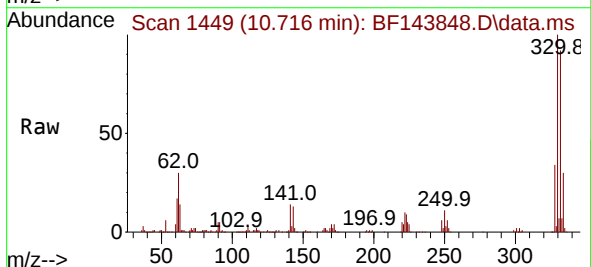
Tgt Ion:330 Resp: 435273

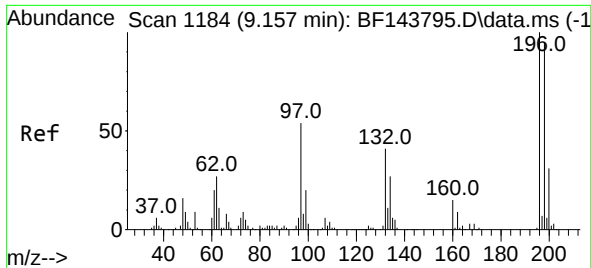
Ion Ratio Lower Upper

330 100

332 92.2 74.7 112.1

141 15.3 14.3 21.5

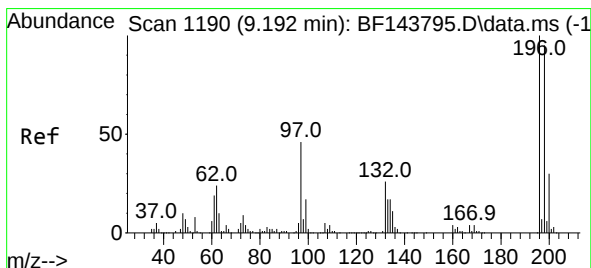
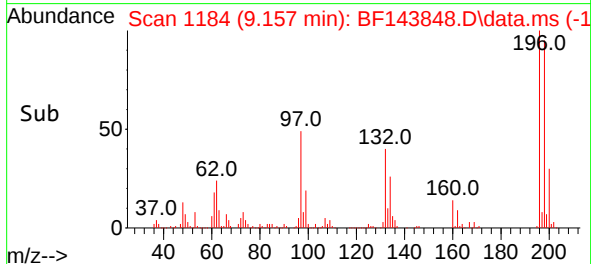
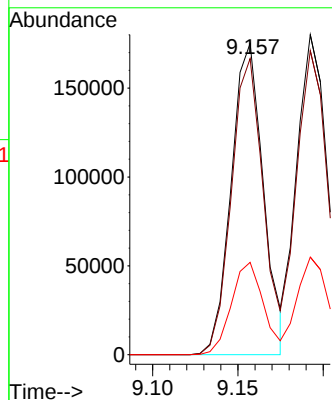
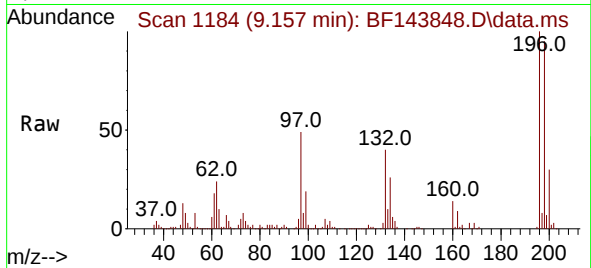




#43
2,4,6-Trichlorophenol
Concen: 52.660 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

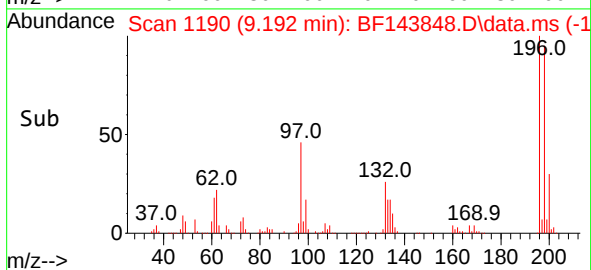
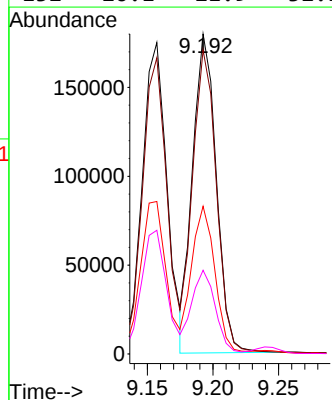
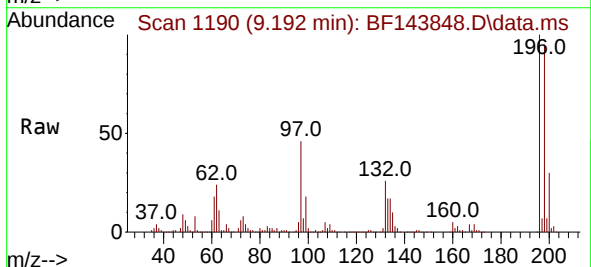
Instrument :
BNA_F
ClientSampleId :
12-8MS

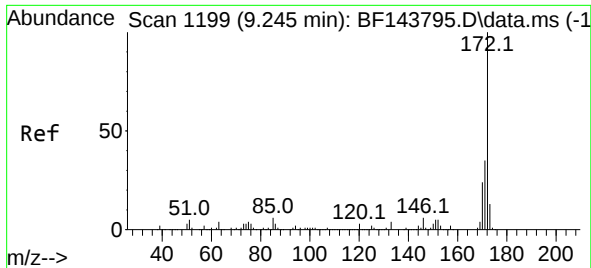
Tgt Ion:196 Resp: 230368
Ion Ratio Lower Upper
196 100
198 95.1 76.2 114.2
200 29.7 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 49.252 ng
RT: 9.192 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion:196 Resp: 225366
Ion Ratio Lower Upper
196 100
198 95.0 75.9 113.9
97 46.2 38.3 57.5
132 26.1 21.9 32.9

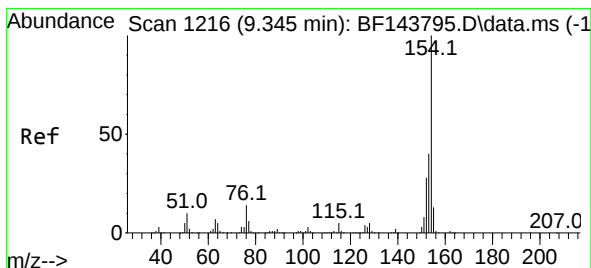
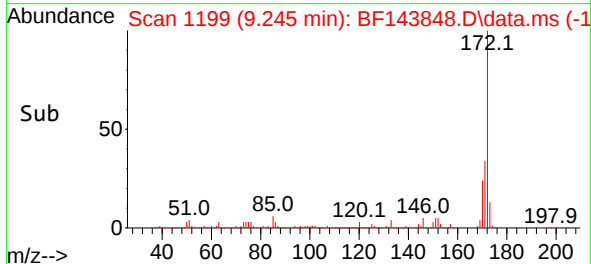
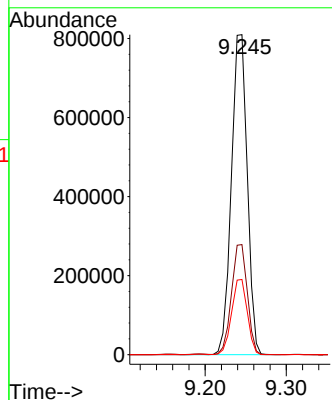
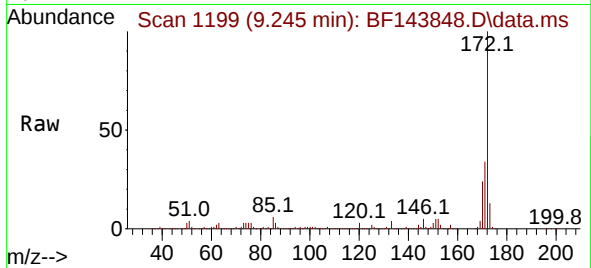




#45
2-Fluorobiphenyl
Concen: 73.984 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

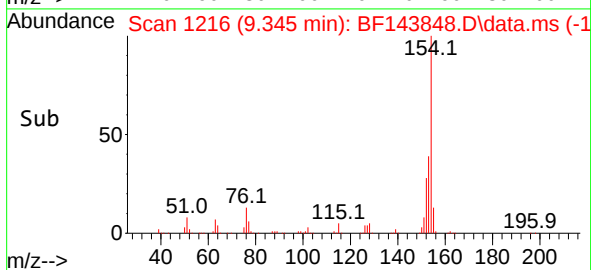
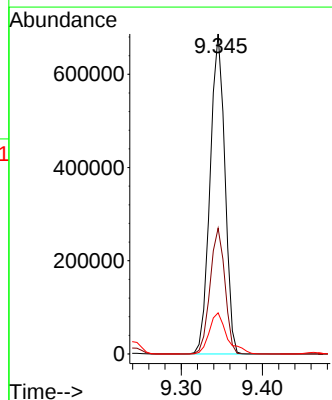
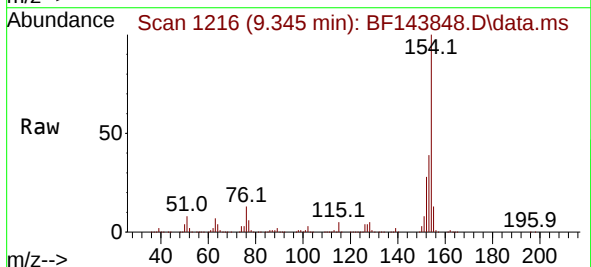
Instrument :
BNA_F
ClientSampleId :
12-8MS

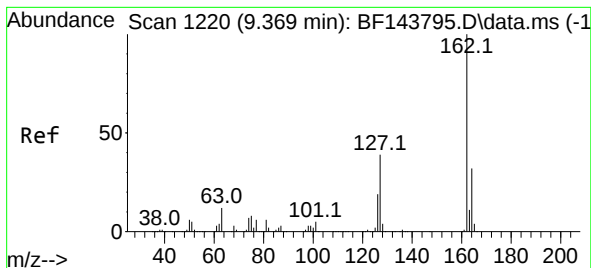
Tgt Ion:172 Resp: 1097562
Ion Ratio Lower Upper
172 100
171 34.4 27.9 41.9
170 23.5 19.1 28.7



#46
1,1'-Biphenyl
Concen: 51.795 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion:154 Resp: 867970
Ion Ratio Lower Upper
154 100
153 39.3 19.7 59.7
76 12.9 0.0 33.8





#47

2-Chloronaphthalene

Concen: 46.971 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

Instrument :

BNA_F

ClientSampleId :

12-8MS

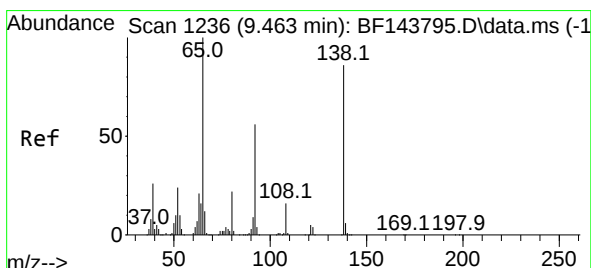
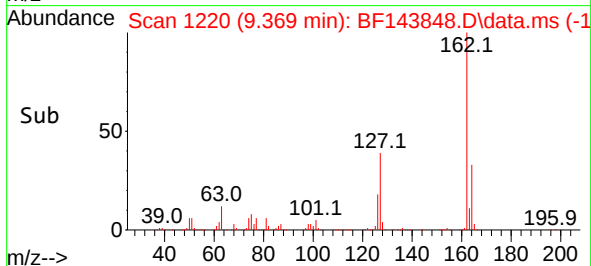
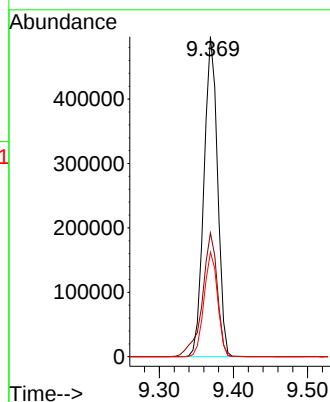
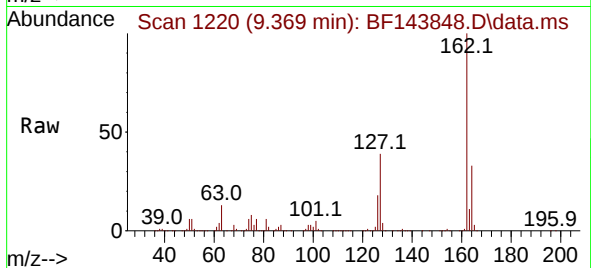
Tgt Ion:162 Resp: 633607

Ion Ratio Lower Upper

162 100

127 38.7 31.5 47.3

164 32.6 25.9 38.9



#48

2-Nitroaniline

Concen: 57.019 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

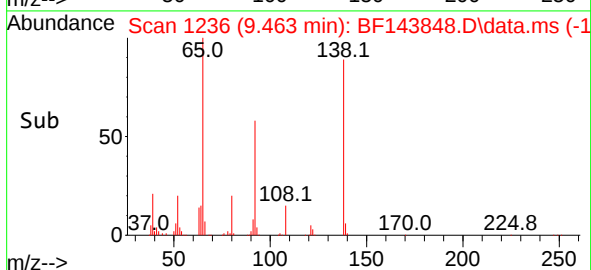
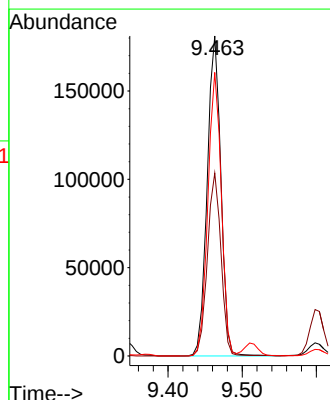
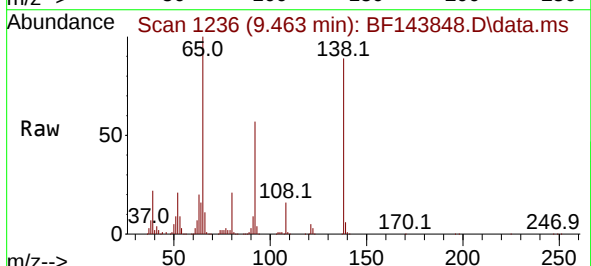
Tgt Ion: 65 Resp: 232465

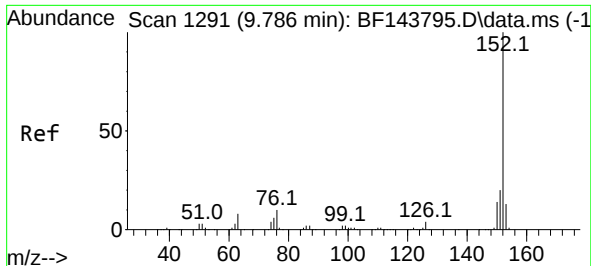
Ion Ratio Lower Upper

65 100

92 57.2 44.9 67.3

138 88.6 69.0 103.4





#49

Acenaphthylene

Concen: 54.131 ng

RT: 9.787 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

Instrument :

BNA_F

ClientSampleId :

12-8MS

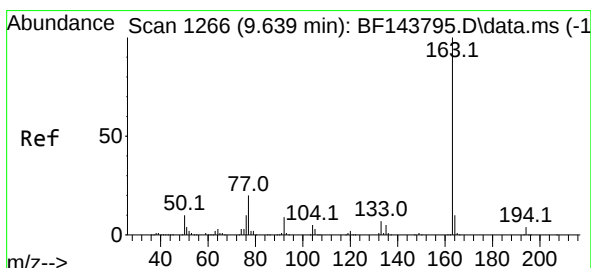
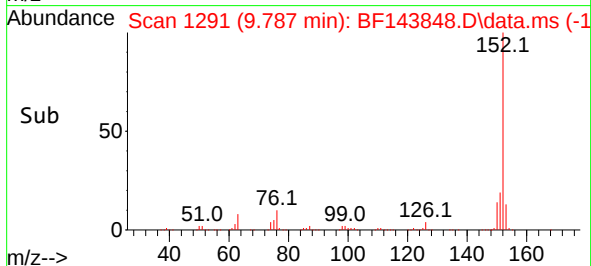
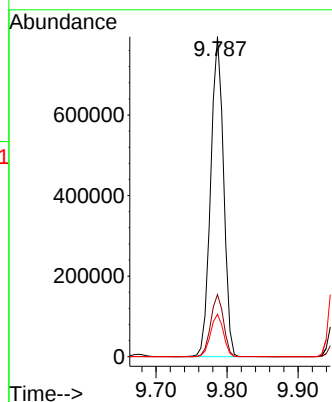
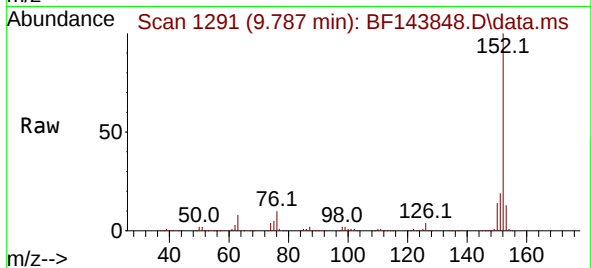
Tgt Ion:152 Resp: 1005200

Ion Ratio Lower Upper

152 100

151 19.4 15.7 23.5

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 48.945 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.006 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

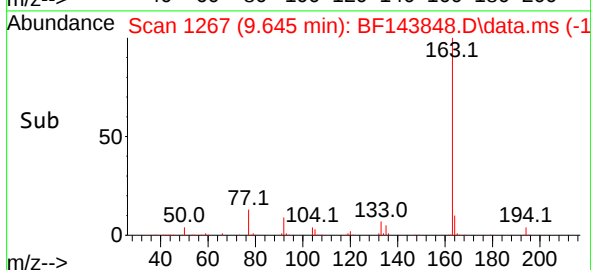
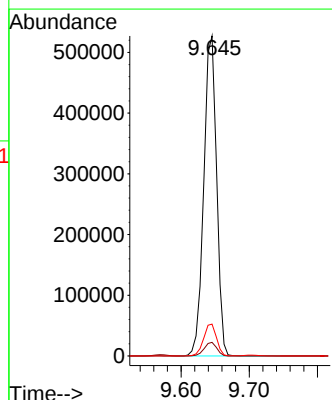
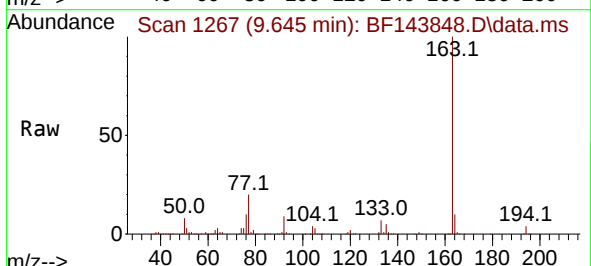
Tgt Ion:163 Resp: 690622

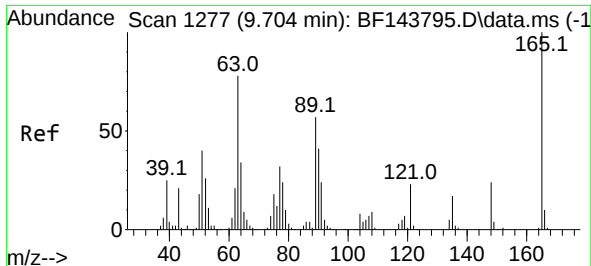
Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.6

164 10.0 8.2 12.2

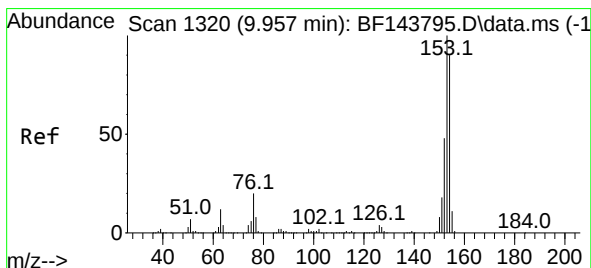
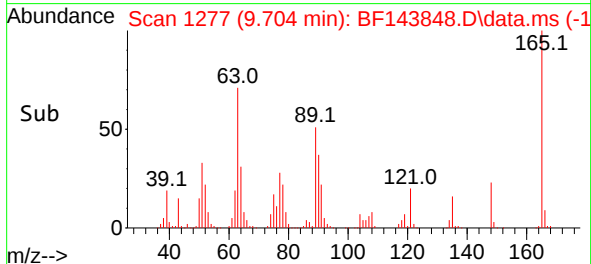
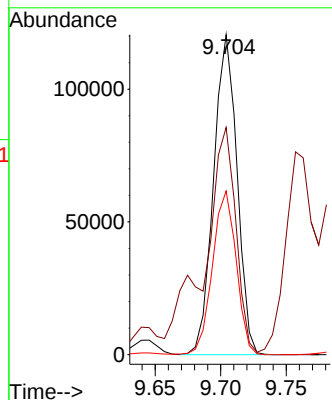
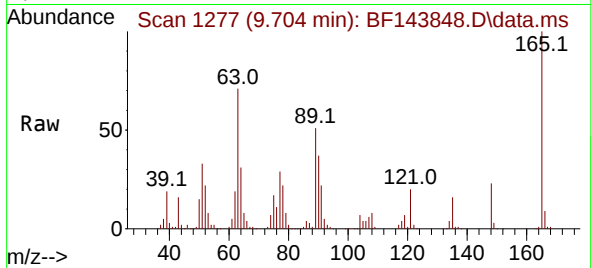




#51
2,6-Dinitrotoluene
Concen: 64.571 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

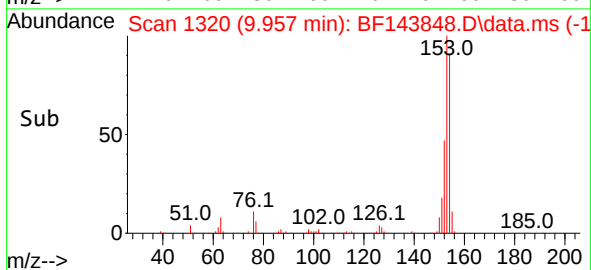
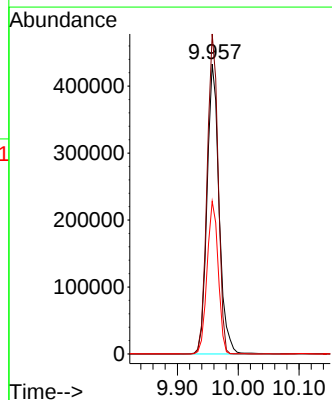
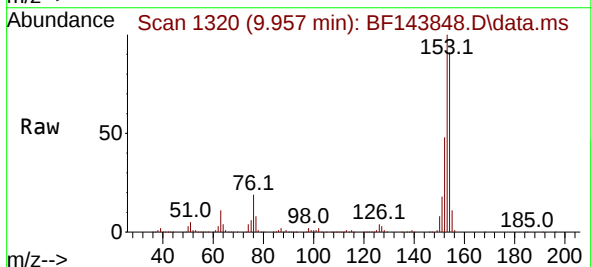
Instrument :
BNA_F
ClientSampleId :
12-8MS

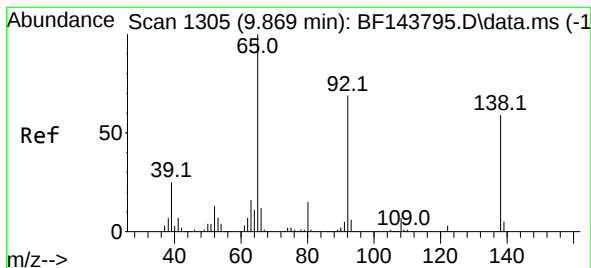
Tgt Ion:165 Resp: 149695
Ion Ratio Lower Upper
165 100
63 71.0 62.6 94.0
89 51.1 45.2 67.8



#52
Acenaphthene
Concen: 48.692 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion:154 Resp: 595026
Ion Ratio Lower Upper
154 100
153 110.4 88.7 133.1
152 52.6 42.7 64.1





#53

3-Nitroaniline

Concen: 40.513 ng

RT: 9.869 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

Instrument :

BNA_F

ClientSampleId :

12-8MS

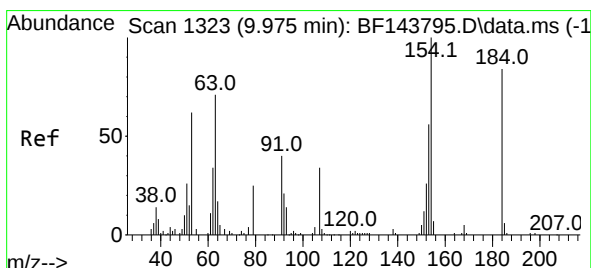
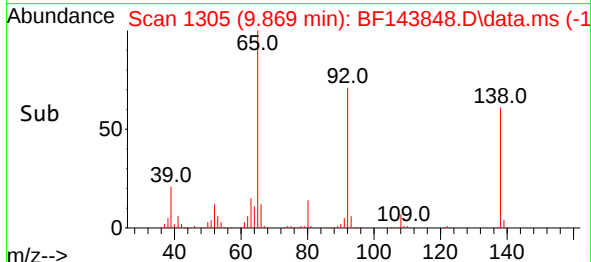
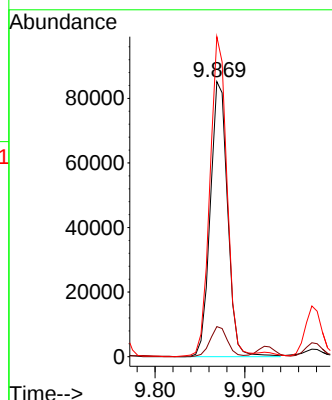
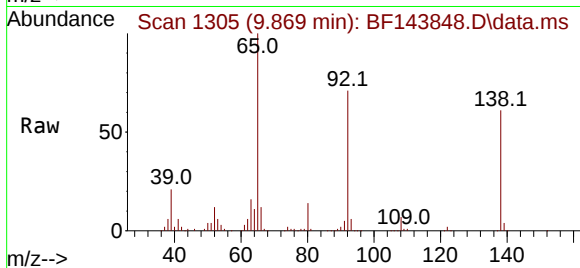
Tgt Ion:138 Resp: 113843

Ion Ratio Lower Upper

138 100

108 10.9 9.9 14.9

92 116.4 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 82.477 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.000 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

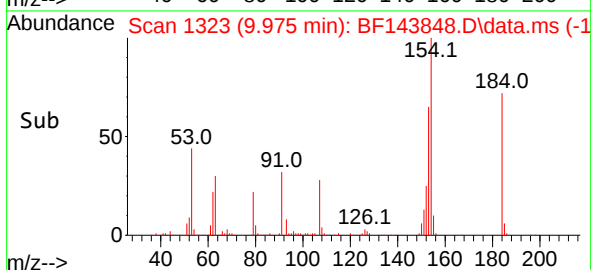
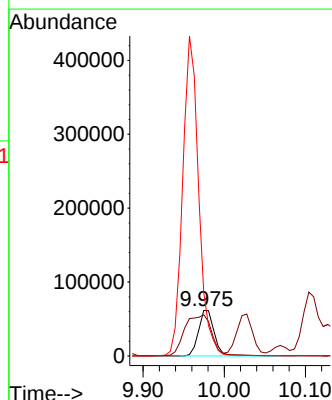
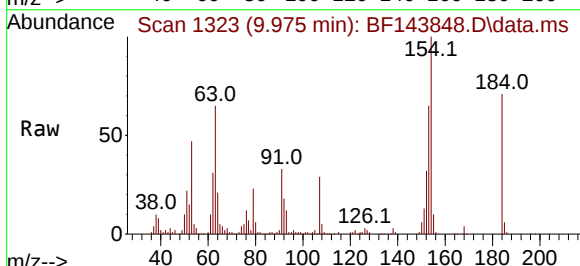
Tgt Ion:184 Resp: 83668

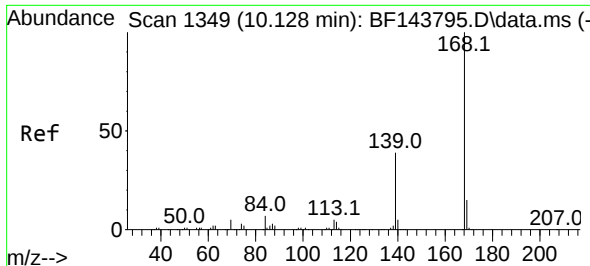
Ion Ratio Lower Upper

184 100

63 90.7 84.6 127.0

154 139.9 199.3 298.9#

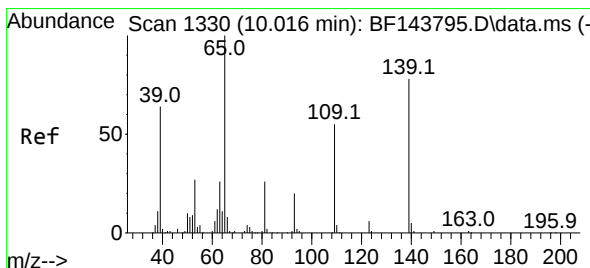
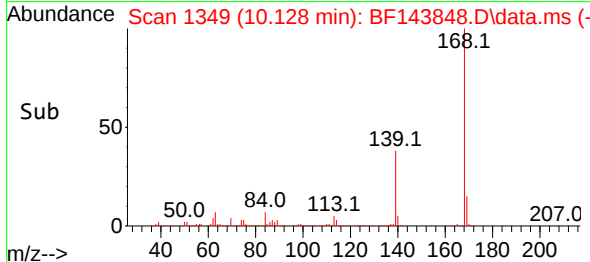
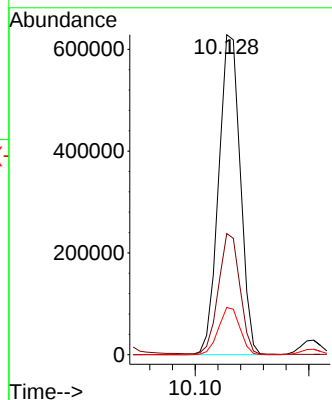
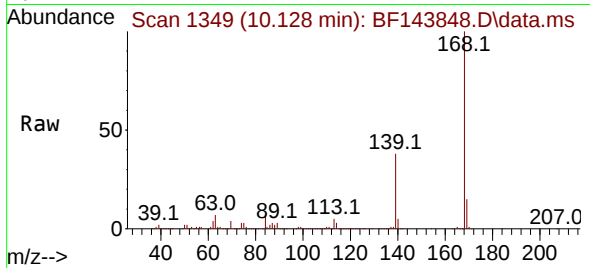




#55
Dibenzenofuran
Concen: 48.270 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

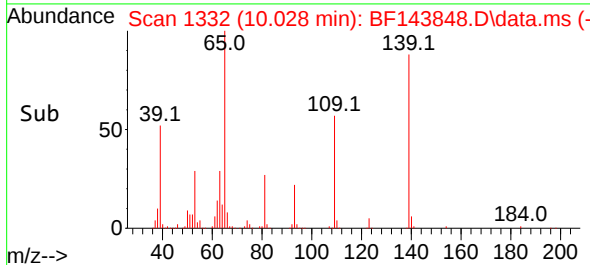
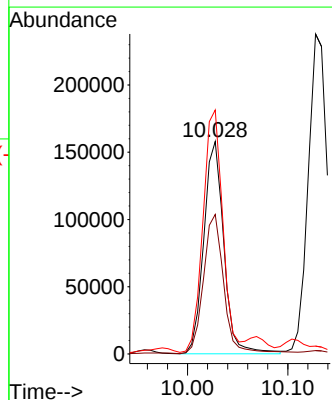
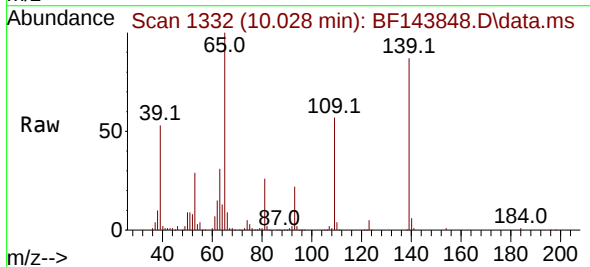
Instrument :
BNA_F
ClientSampleId :
12-8MS

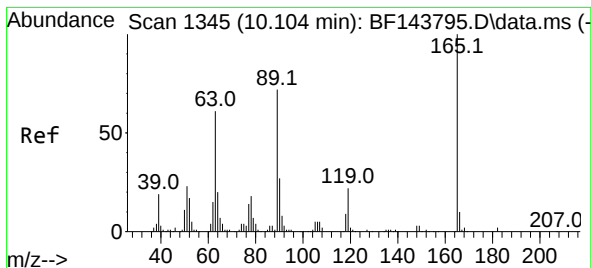
Tgt Ion:168 Resp: 834120
Ion Ratio Lower Upper
168 100
139 37.8 31.0 46.6
169 14.8 11.9 17.9



#56
4-Nitrophenol
Concen: 97.028 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion:139 Resp: 219714
Ion Ratio Lower Upper
139 100
109 65.7 50.2 90.2
65 114.8 109.2 149.2

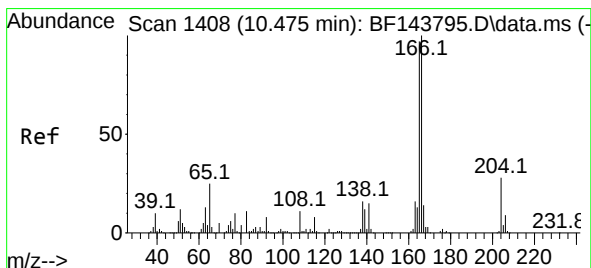
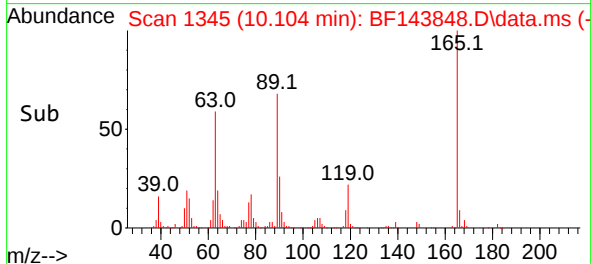
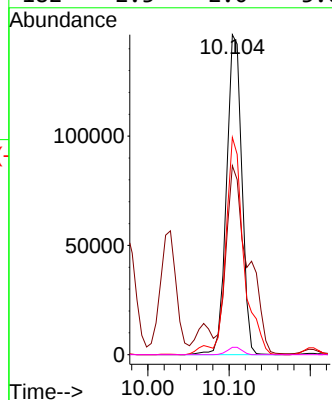
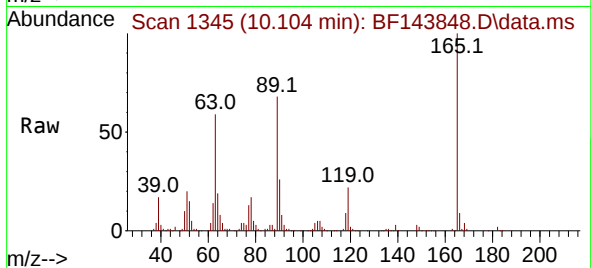




#57
2,4-Dinitrotoluene
Concen: 55.279 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

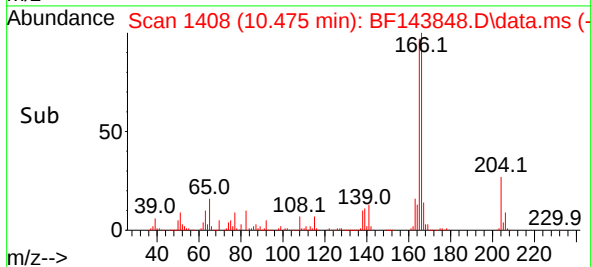
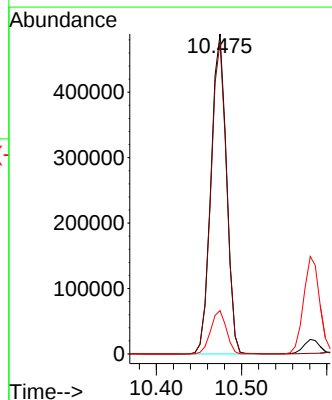
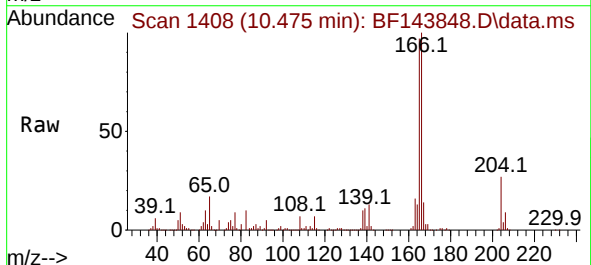
Instrument :
BNA_F
ClientSampleId :
12-8MS

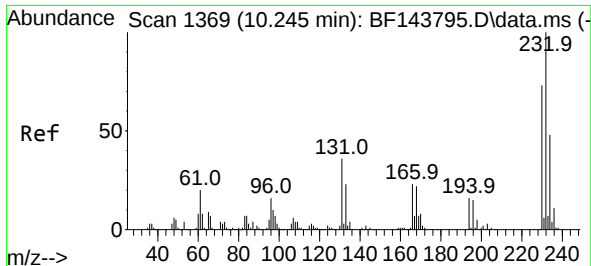
Tgt Ion:165 Resp: 191840
Ion Ratio Lower Upper
165 100
63 59.0 48.9 73.3
89 67.9 57.5 86.3
182 2.3 2.0 3.0



#58
Fluorene
Concen: 48.137 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion:166 Resp: 618398
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.5 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 57.574 ng

RT: 10.245 min Scan# 1369

Delta R.T. 0.000 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

Instrument :

BNA_F

ClientSampleId :

12-8MS

Tgt Ion:232 Resp: 225687

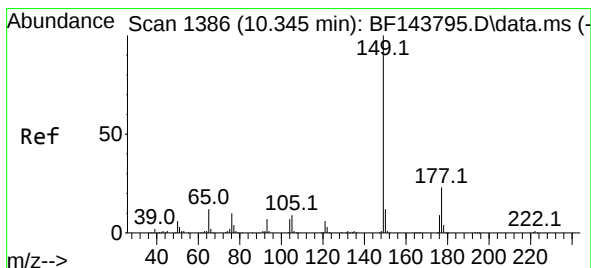
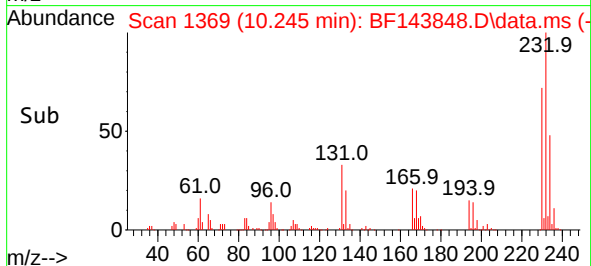
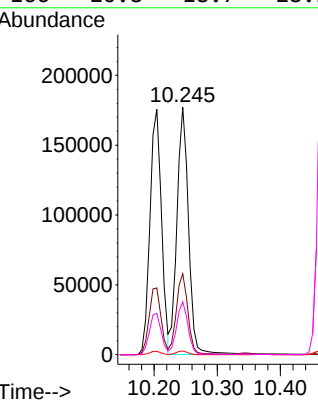
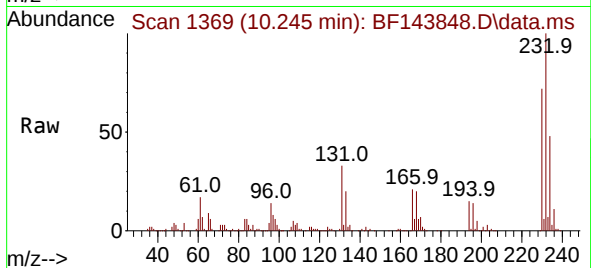
Ion Ratio Lower Upper

232 100

131 33.0 29.4 44.2

130 1.5 1.3 1.9

166 20.8 18.7 28.1



#60

Diethylphthalate

Concen: 47.574 ng

RT: 10.345 min Scan# 1386

Delta R.T. 0.000 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

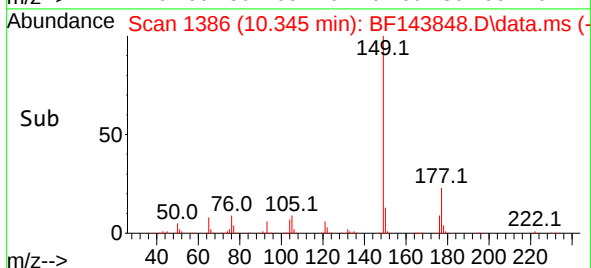
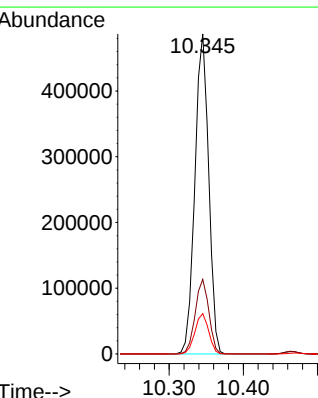
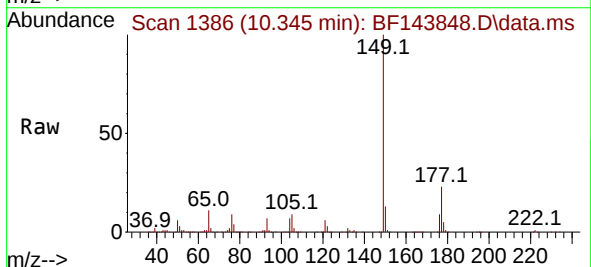
Tgt Ion:149 Resp: 628370

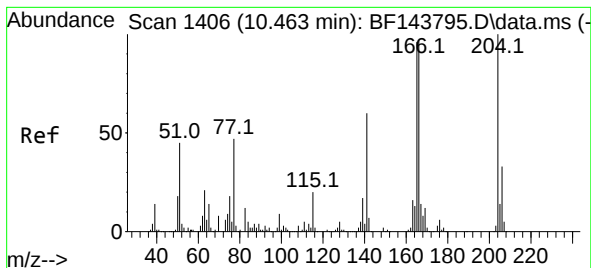
Ion Ratio Lower Upper

149 100

177 23.3 18.1 27.1

150 12.6 9.7 14.5

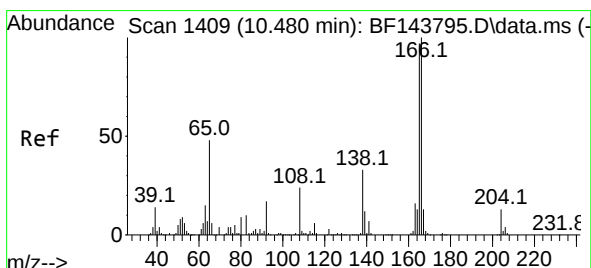
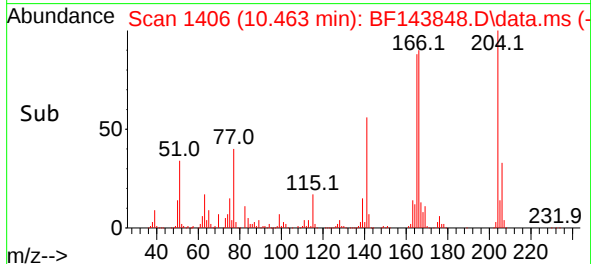
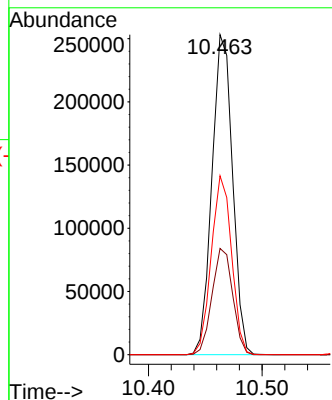
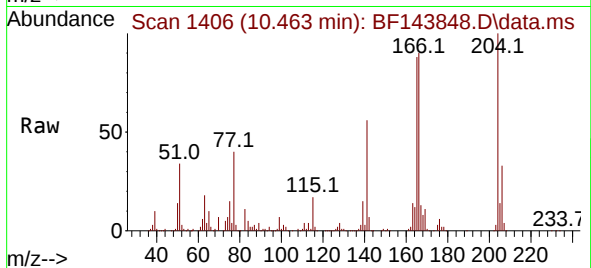




#61
4-Chlorophenyl-phenylether
Concen: 48.749 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

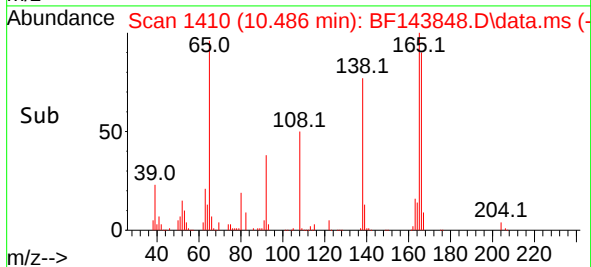
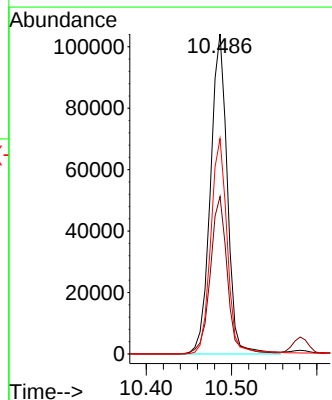
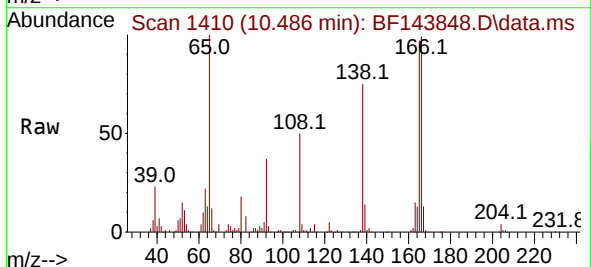
Instrument :
BNA_F
ClientSampleId :
12-8MS

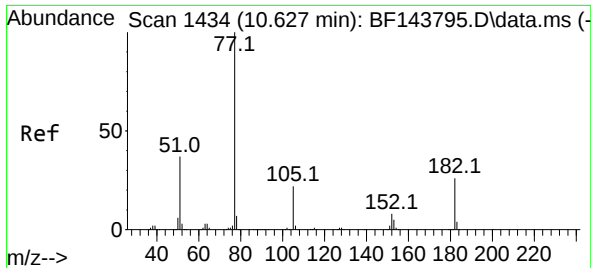
Tgt Ion:204 Resp: 319101
Ion Ratio Lower Upper
204 100
206 33.2 26.7 40.1
141 55.9 48.2 72.2



#62
4-Nitroaniline
Concen: 54.142 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion:138 Resp: 143053
Ion Ratio Lower Upper
138 100
92 49.2 31.5 71.5
108 67.3 51.9 91.9

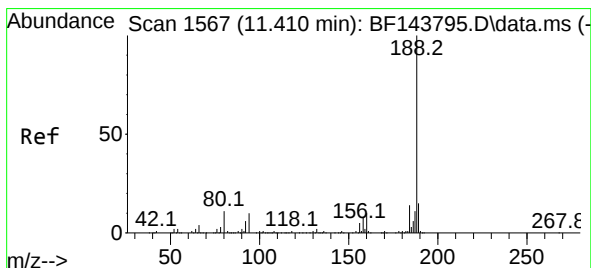
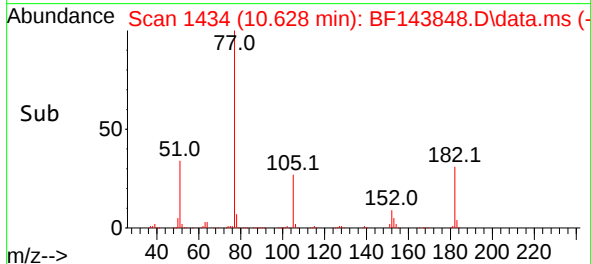
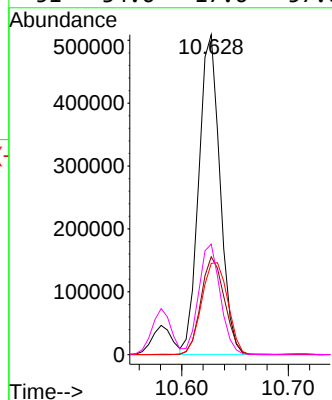
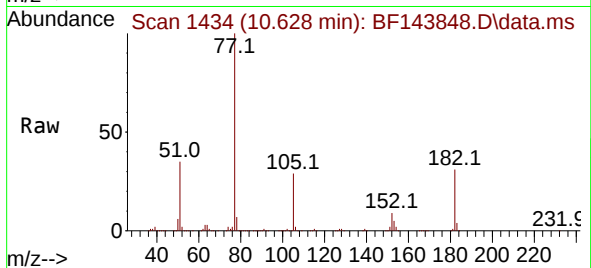




#63
Azobenzene
Concen: 50.467 ng
RT: 10.628 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

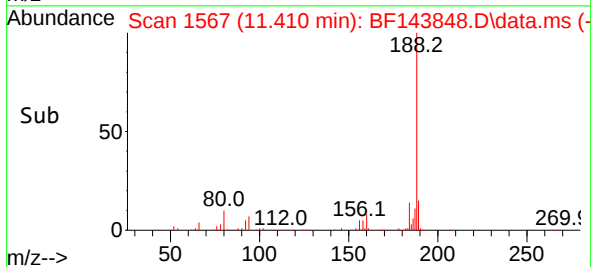
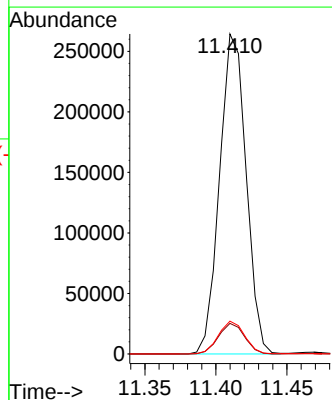
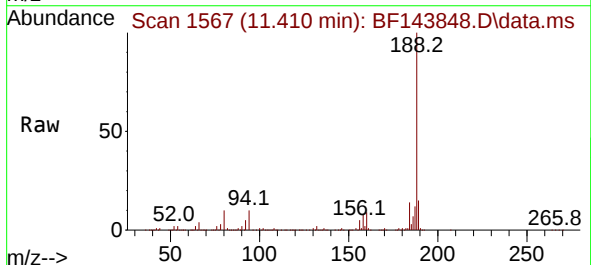
Instrument :
BNA_F
ClientSampleId :
12-8MS

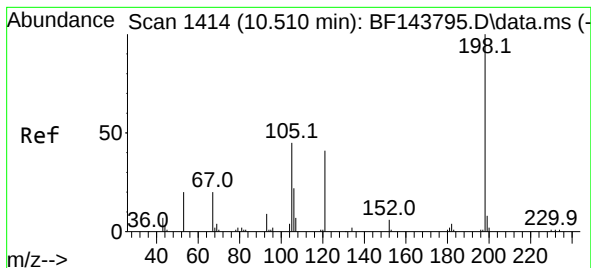
Tgt Ion: 77	Resp: 702513
Ion Ratio	Lower Upper
77 100	
182 30.6	5.9 45.9
105 28.5	2.3 42.3
51 34.6	17.6 57.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion:188	Resp: 343457
Ion Ratio	Lower Upper
188 100	
94 9.6	8.2 12.2
80 10.3	8.6 12.8

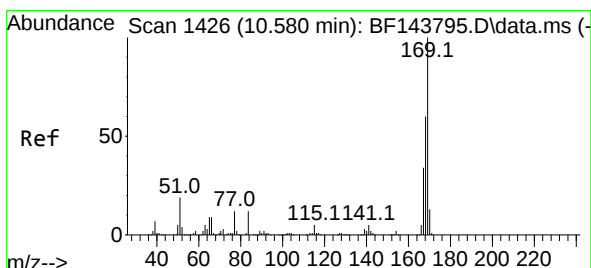
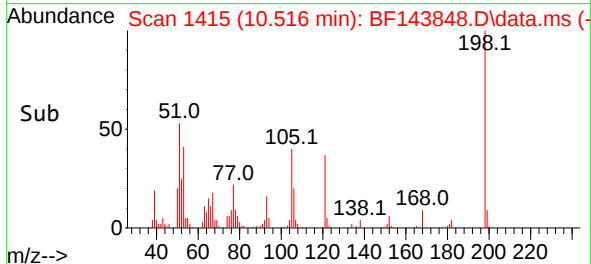
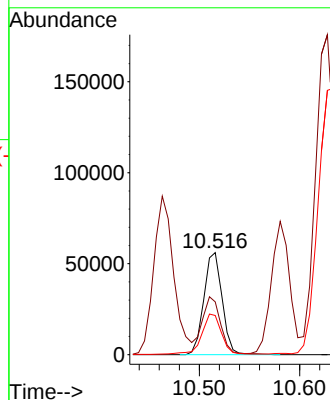
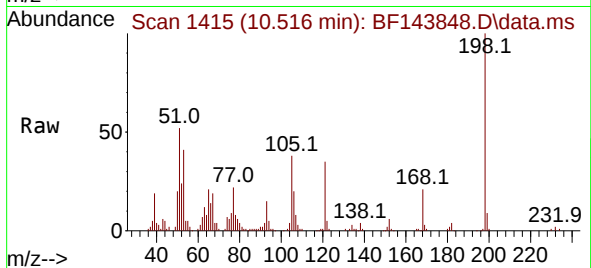




#65
4,6-Dinitro-2-methylphenol
Concen: 54.609 ng
RT: 10.516 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

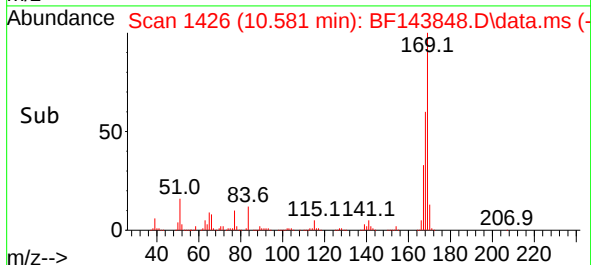
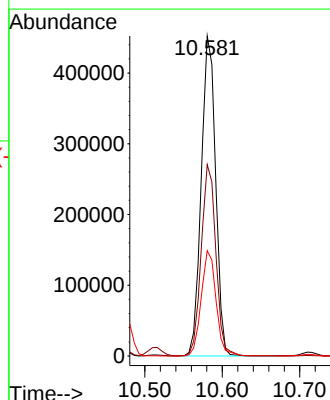
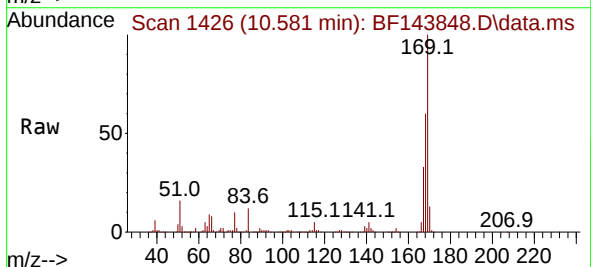
Instrument :
BNA_F
ClientSampleId :
12-8MS

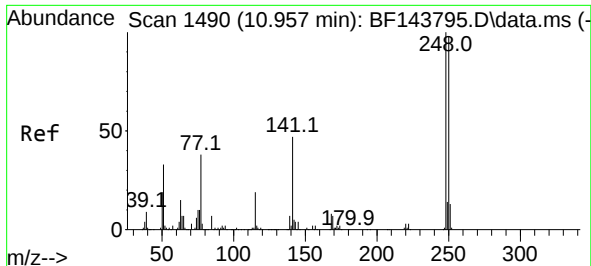
Tgt Ion:198 Resp: 71432
Ion Ratio Lower Upper
198 100
51 51.7 52.0 92.0#
105 38.5 27.5 67.5



#66
n-Nitrosodiphenylamine
Concen: 51.573 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion:169 Resp: 582529
Ion Ratio Lower Upper
169 100
168 59.8 47.9 71.9
167 32.9 27.0 40.6

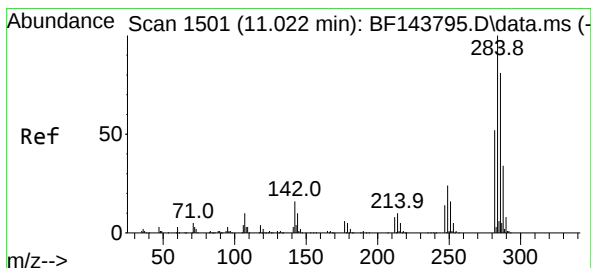
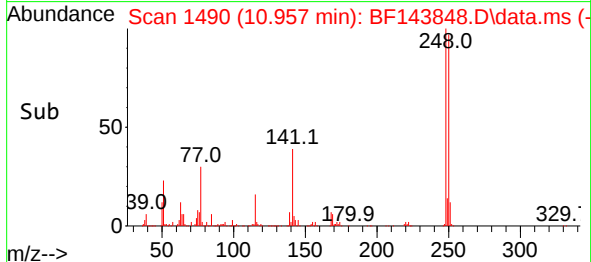
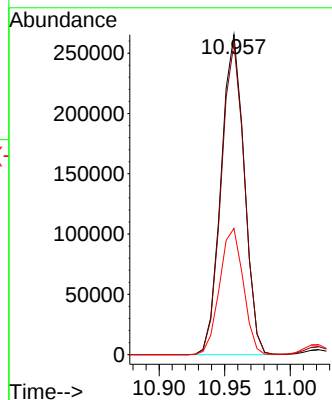
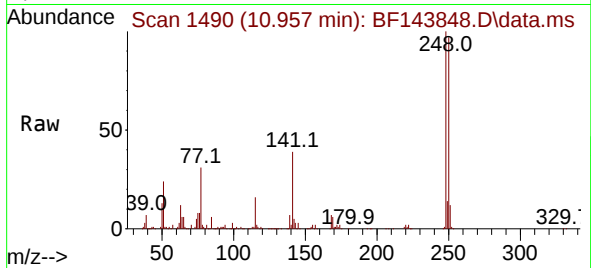




#67
4-Bromophenyl-phenylether
Concen: 55.644 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

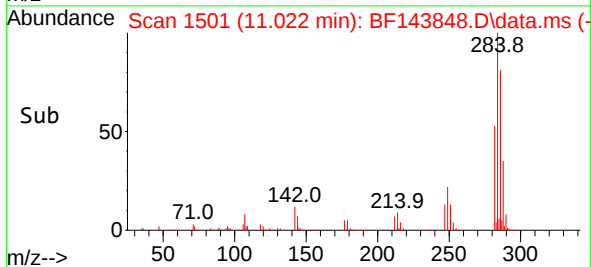
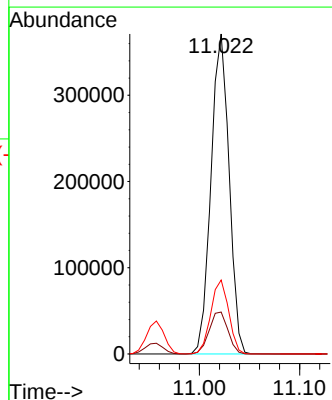
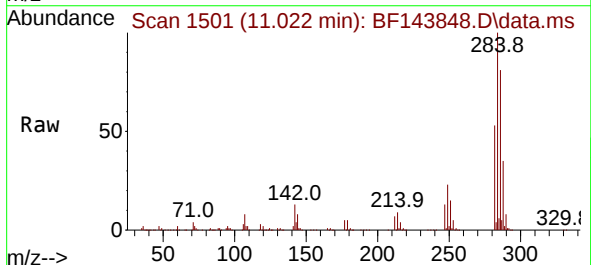
Instrument :
BNA_F
ClientSampleId :
12-8MS

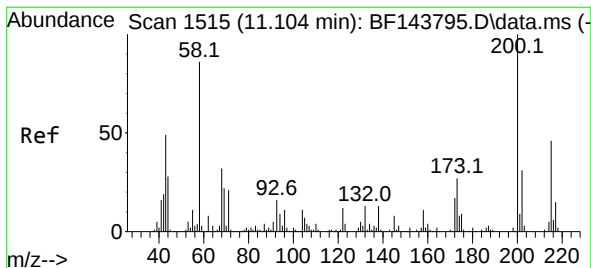
Tgt Ion:248 Resp: 325692
Ion Ratio Lower Upper
248 100
250 97.4 78.7 118.1
141 39.4 37.9 56.9



#68
Hexachlorobenzene
Concen: 57.784 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion:284 Resp: 466090
Ion Ratio Lower Upper
284 100
142 13.1 13.1 19.7#
249 23.1 19.5 29.3





#69

Atrazine

Concen: 52.527 ng

RT: 11.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

Instrument :

BNA_F

ClientSampleId :

12-8MS

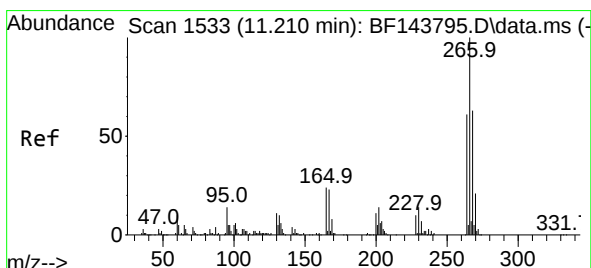
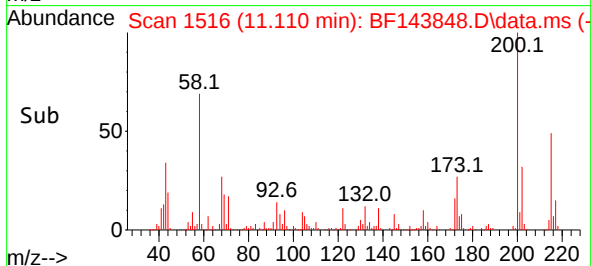
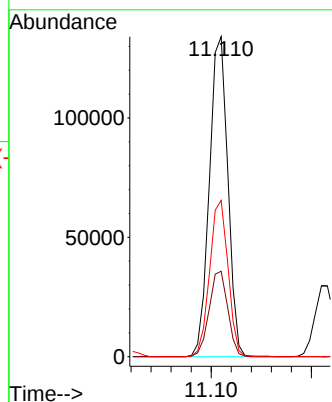
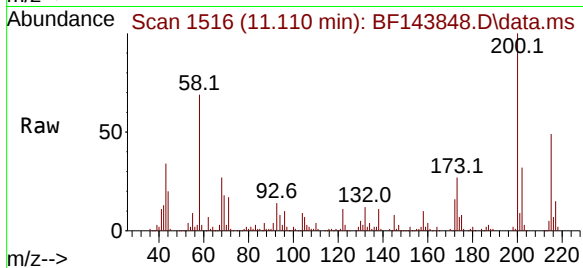
Tgt Ion:200 Resp: 171810

Ion Ratio Lower Upper

200 100

173 26.7 7.2 47.2

215 48.9 26.0 66.0



#70

Pentachlorophenol

Concen: 114.658 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

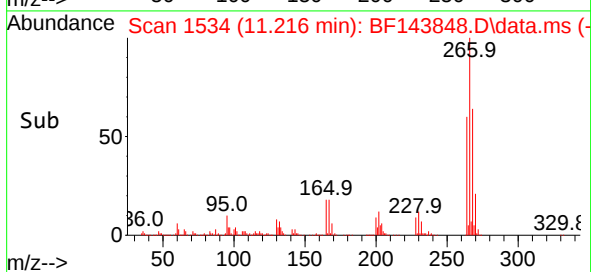
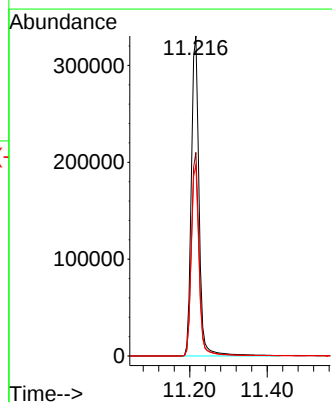
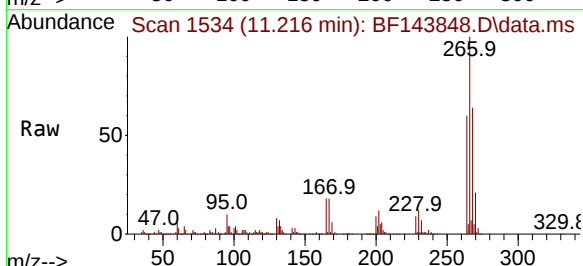
Tgt Ion:266 Resp: 460368

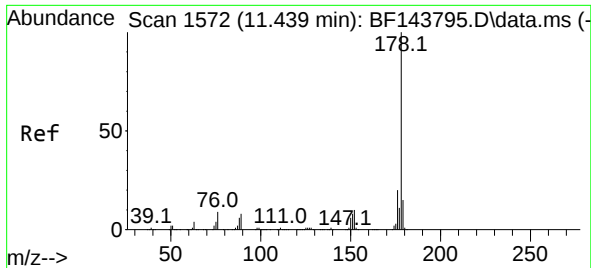
Ion Ratio Lower Upper

266 100

268 63.6 50.5 75.7

264 59.7 48.8 73.2

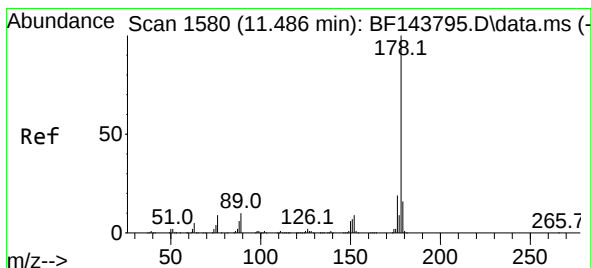
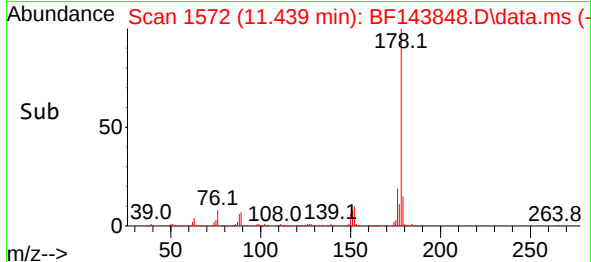
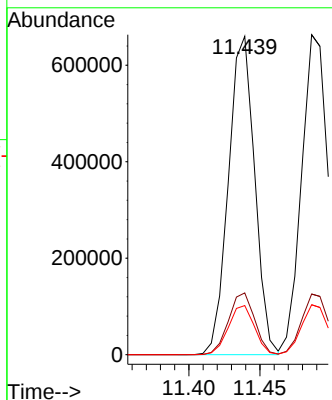
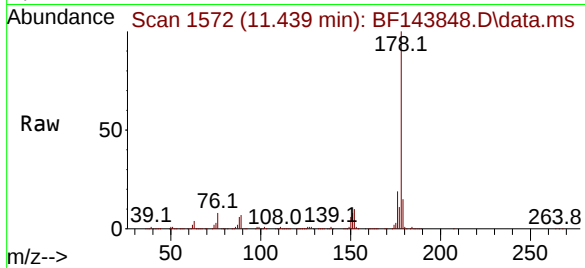




#71
Phenanthrene
Concen: 48.142 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

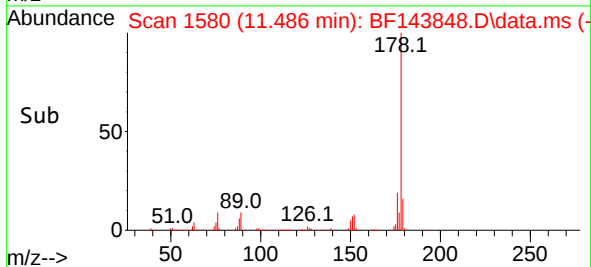
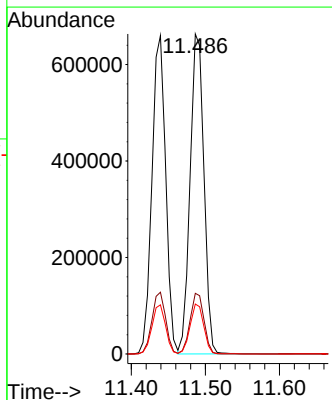
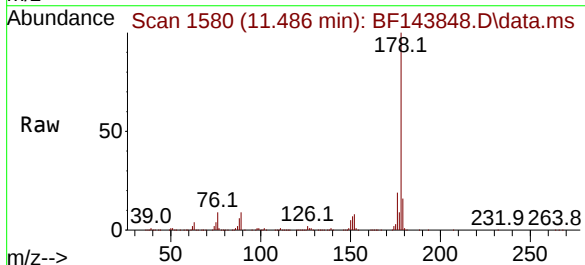
Instrument :
BNA_F
ClientSampleId :
12-8MS

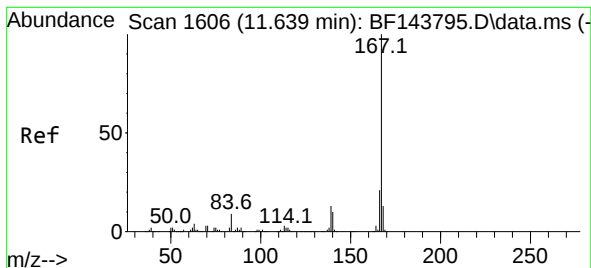
Tgt Ion:178 Resp: 848895
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.4 12.2 18.4



#72
Anthracene
Concen: 48.675 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion:178 Resp: 860924
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.6 12.8 19.2





#73

Carbazole

Concen: 48.708 ng

RT: 11.639 min Scan# 1606

Delta R.T. -0.006 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

Instrument :

BNA_F

ClientSampleId :

12-8MS

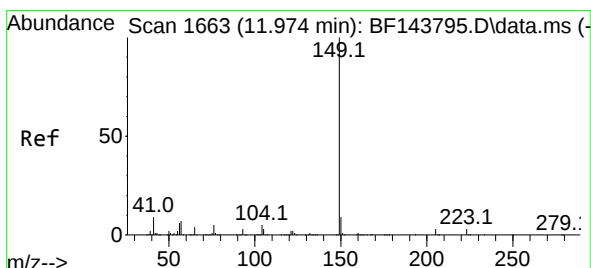
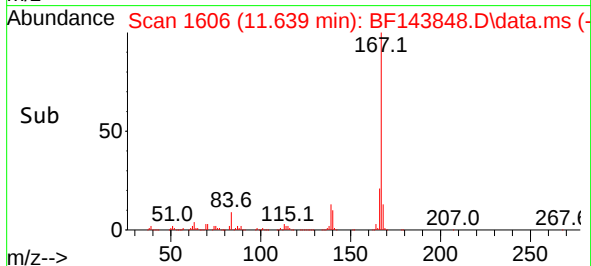
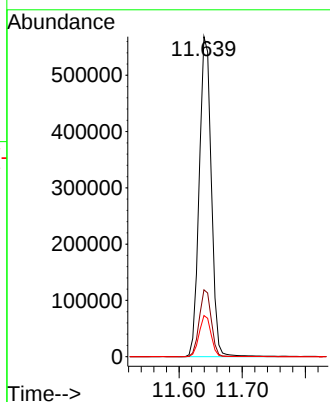
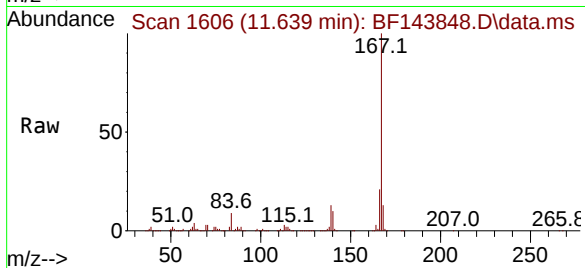
Tgt Ion:167 Resp: 753246

Ion Ratio Lower Upper

167 100

166 20.9 17.0 25.4

139 12.9 10.6 15.8



#74

Di-n-butylphthalate

Concen: 46.617 ng

RT: 11.975 min Scan# 1663

Delta R.T. 0.000 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

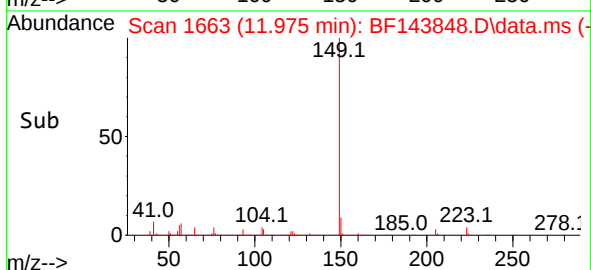
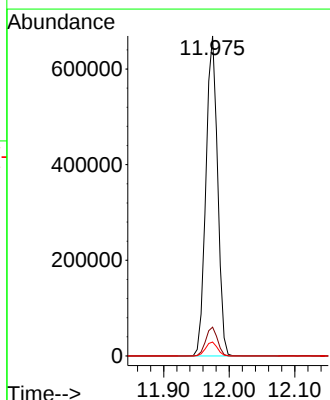
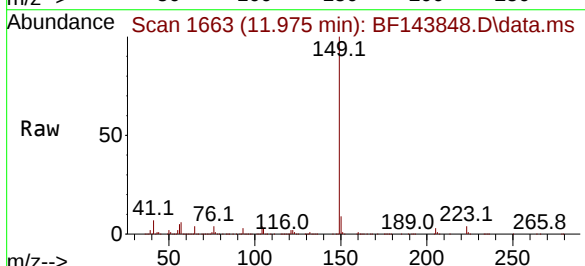
Tgt Ion:149 Resp: 829096

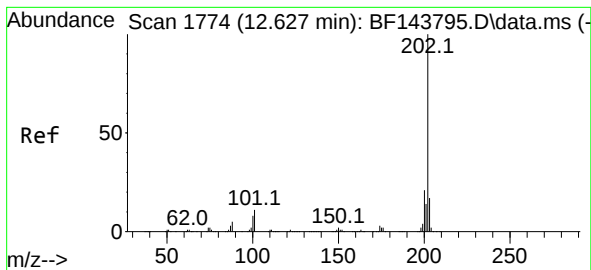
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 4.4 3.6 5.4

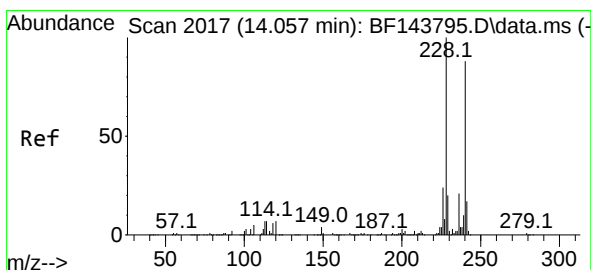
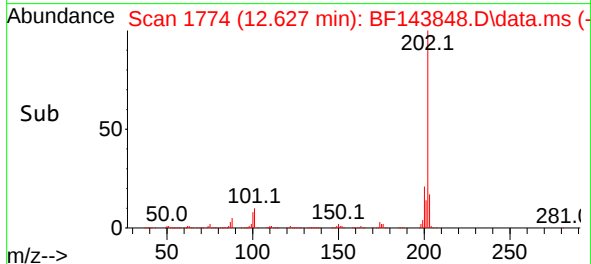
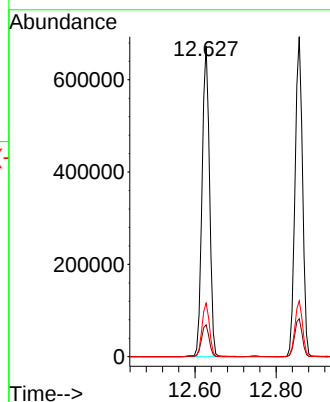
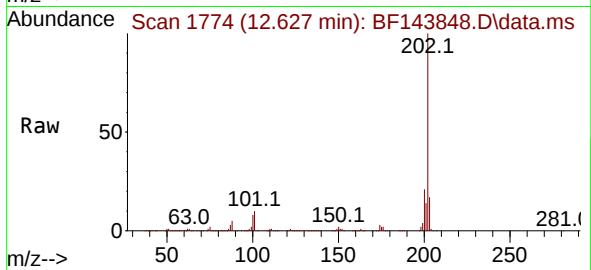




#75
Fluoranthene
Concen: 48.441 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

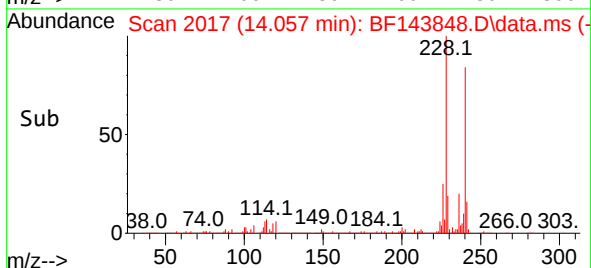
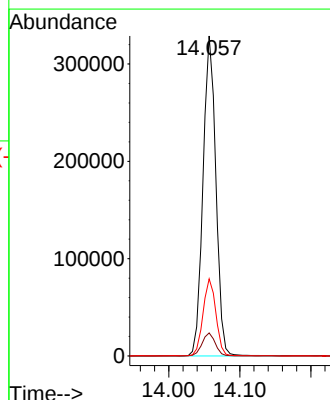
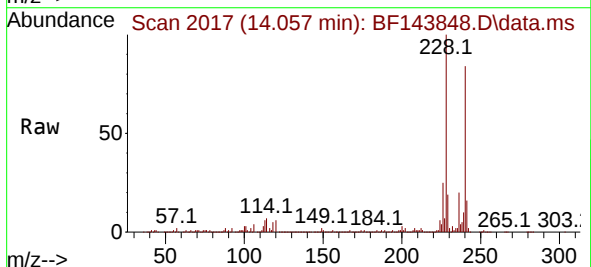
Instrument :
BNA_F
ClientSampleId :
12-8MS

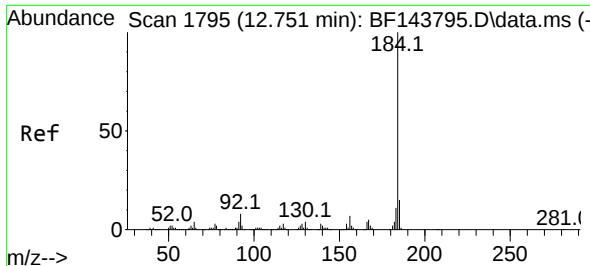
Tgt Ion:202 Resp: 859096
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.1
203 17.2 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion:240 Resp: 415302
Ion Ratio Lower Upper
240 100
120 7.2 6.2 9.4
236 24.1 19.4 29.2

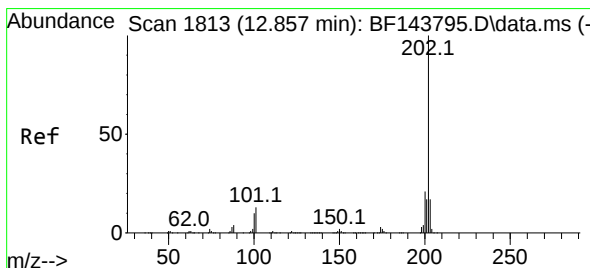
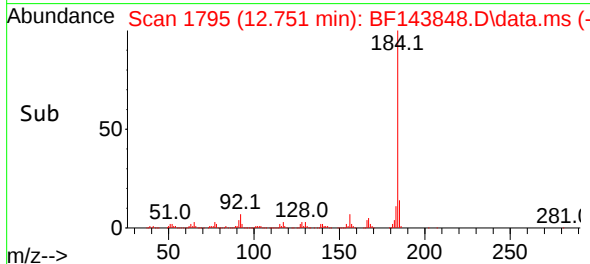
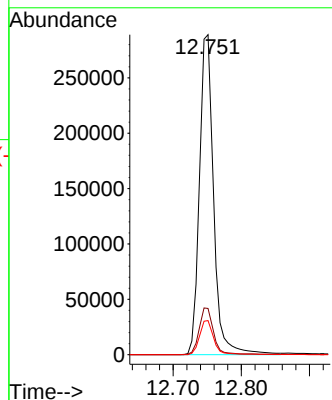
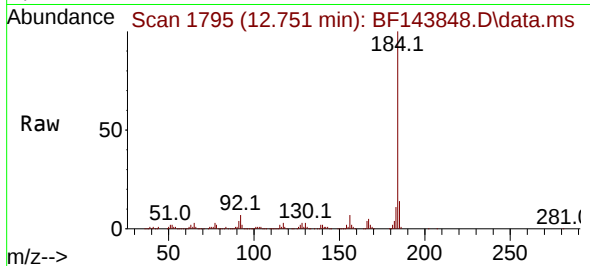




#77
Benzidine
Concen: 41.416 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

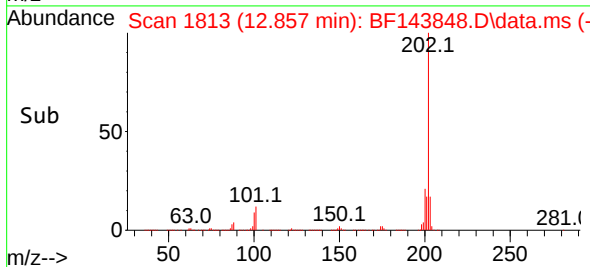
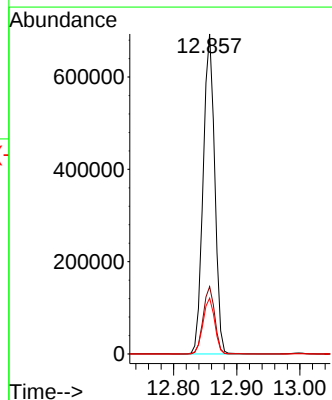
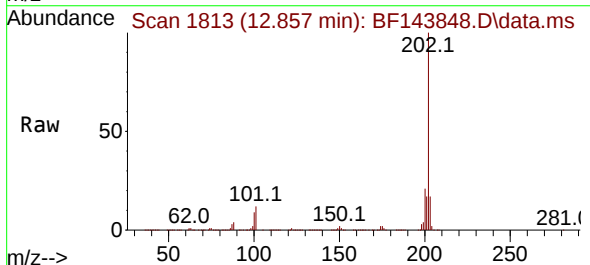
Instrument :
BNA_F
ClientSampleId :
12-8MS

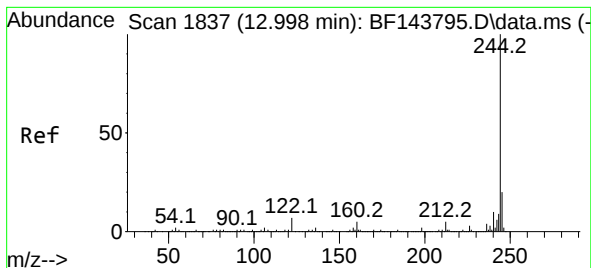
Tgt Ion:184 Resp: 419134
Ion Ratio Lower Upper
184 100
185 14.4 11.6 17.4
183 10.7 8.6 13.0



#78
Pyrene
Concen: 43.213 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion:202 Resp: 882316
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 69.077 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

Instrument :

BNA_F

ClientSampleId :

12-8MS

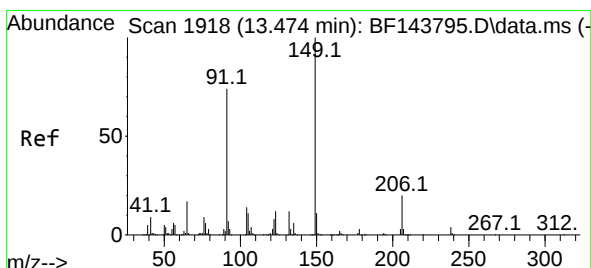
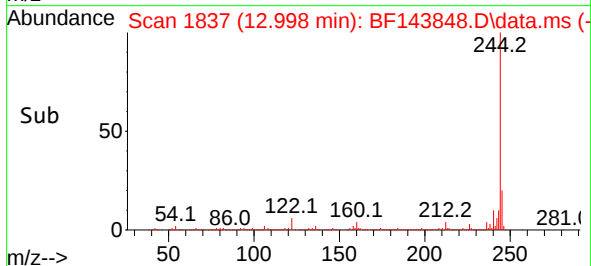
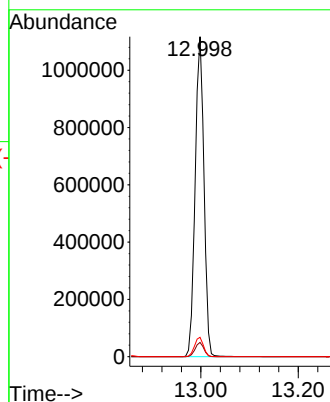
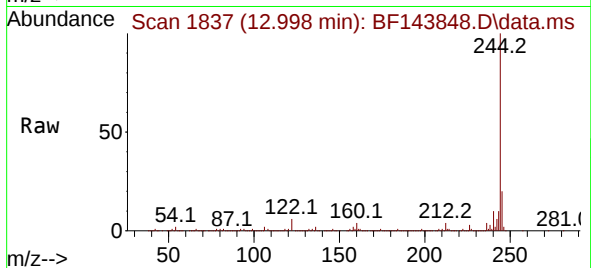
Tgt Ion:244 Resp: 1410583

Ion Ratio Lower Upper

244 100

212 4.5 3.9 5.9

122 6.0 5.6 8.4



#80

Butylbenzylphthalate

Concen: 45.590 ng

RT: 13.475 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

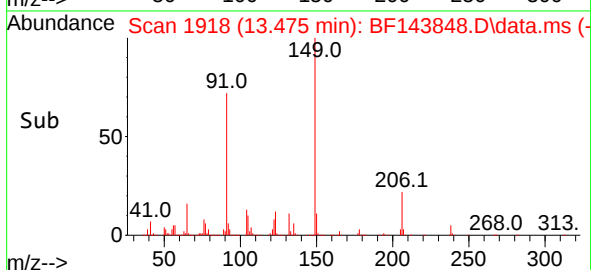
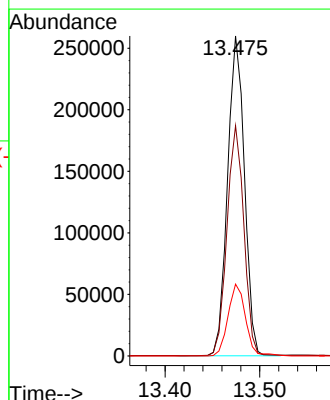
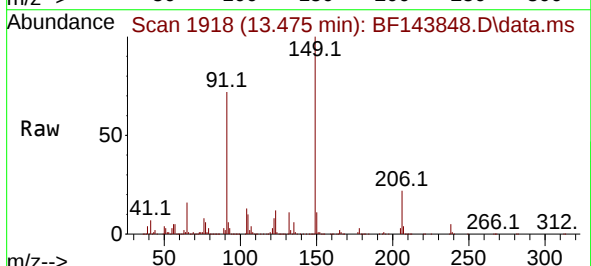
Tgt Ion:149 Resp: 322051

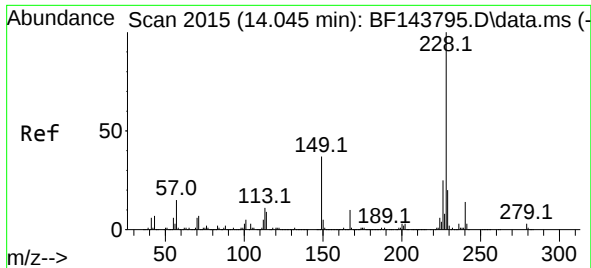
Ion Ratio Lower Upper

149 100

91 72.0 59.5 89.3

206 22.5 16.1 24.1

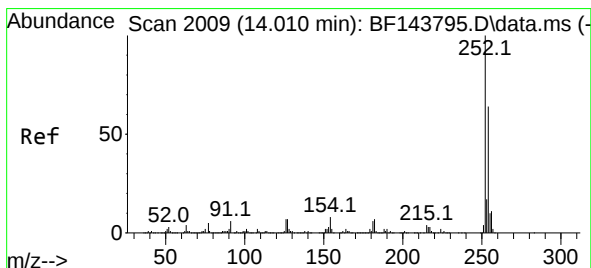
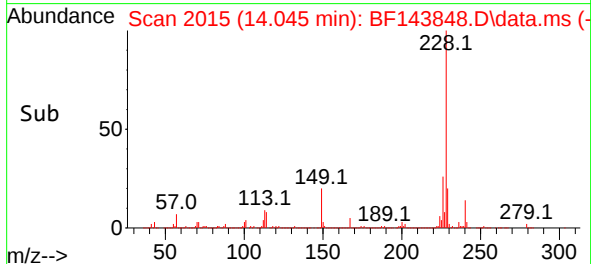
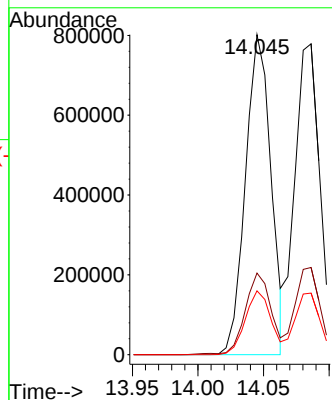
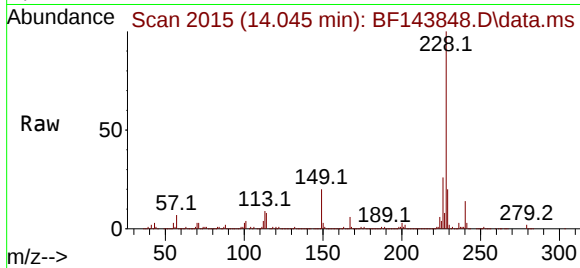




#81
Benzo(a)anthracene
Concen: 48.520 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

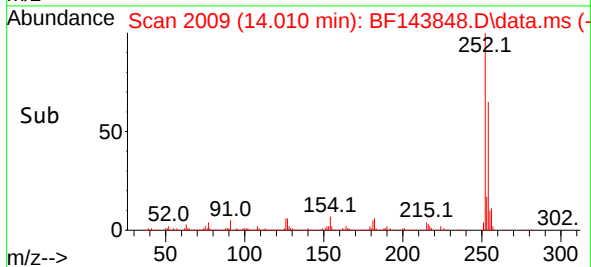
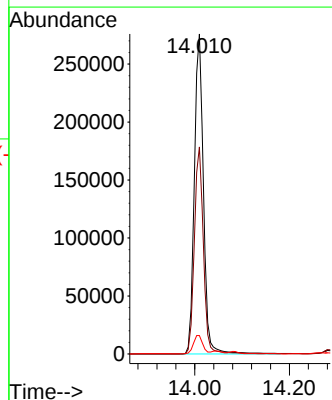
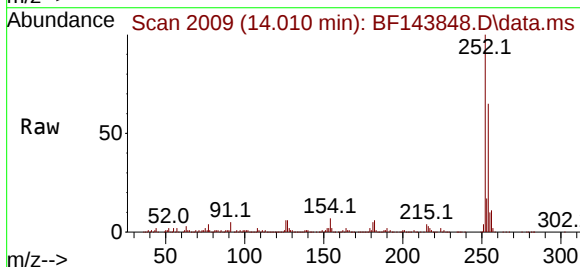
Instrument :
BNA_F
ClientSampleId :
12-8MS

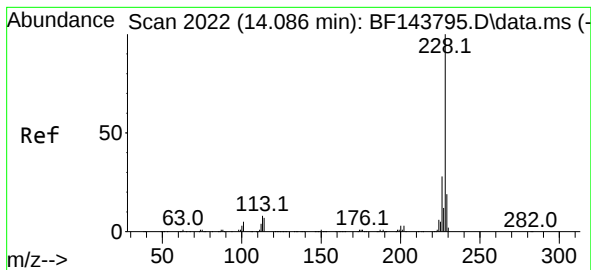
Tgt Ion:228 Resp: 1082526
Ion Ratio Lower Upper
228 100
226 25.5 20.2 30.2
229 19.9 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 38.232 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion:252 Resp: 369535
Ion Ratio Lower Upper
252 100
254 64.7 51.5 77.3
126 5.7 5.4 8.2





#83

Chrysene

Concen: 51.245 ng

RT: 14.086 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

Instrument :

BNA_F

ClientSampleId :

12-8MS

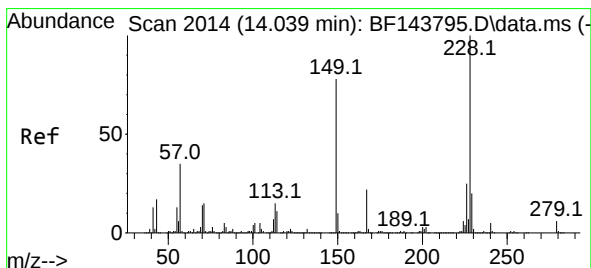
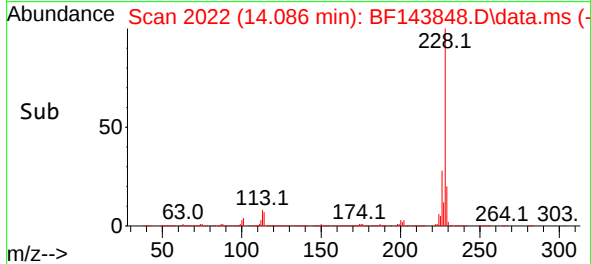
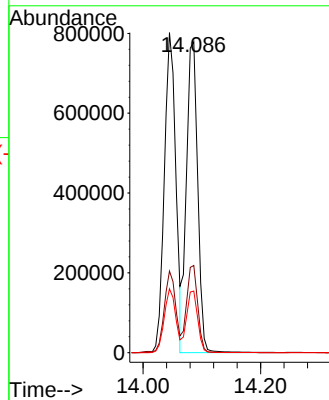
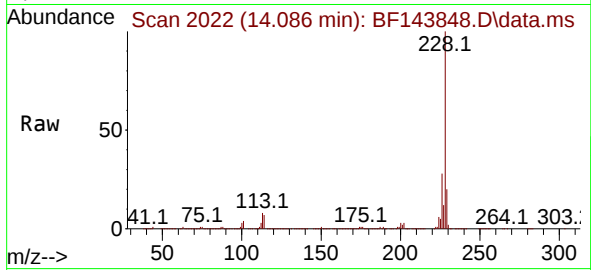
Tgt Ion:228 Resp: 1034544

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.646 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF143848.D

Acq: 30 Sep 2025 22:31

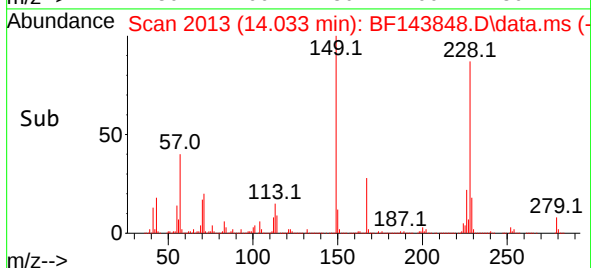
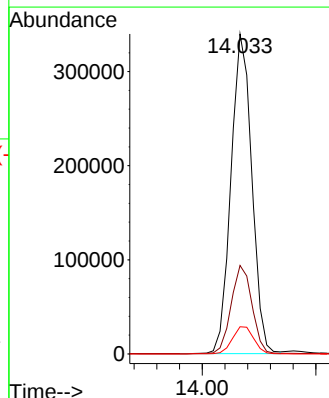
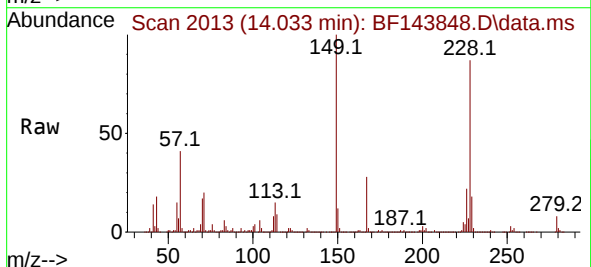
Tgt Ion:149 Resp: 431215

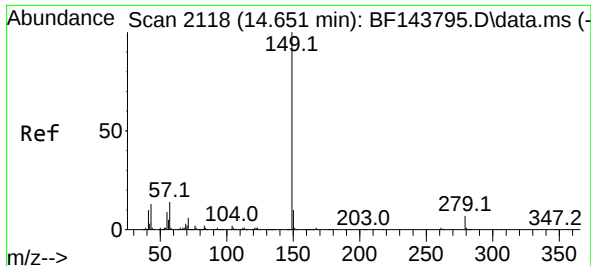
Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.2

279 8.5 6.0 9.0

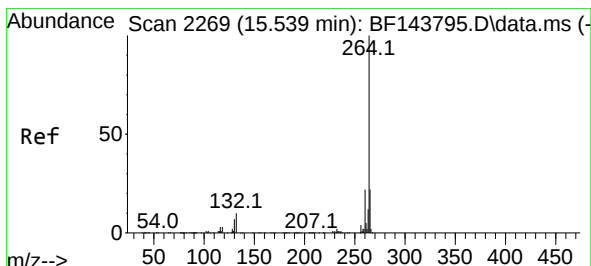
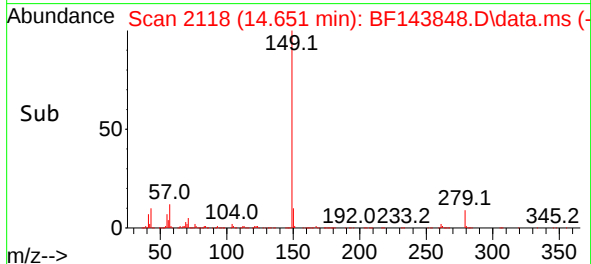
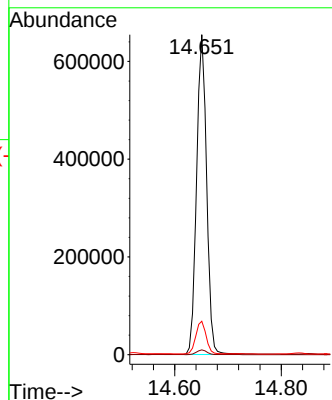
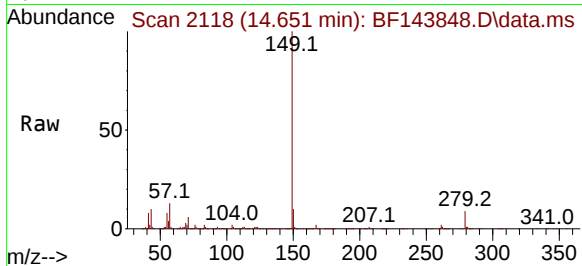




#85
Di-n-octyl phthalate
Concen: 45.735 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

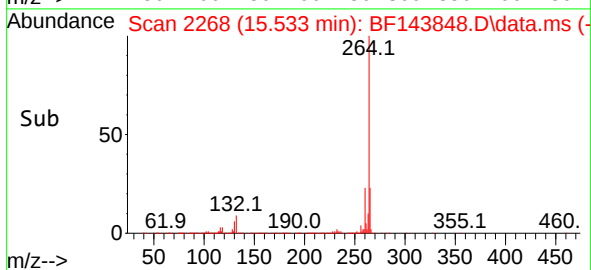
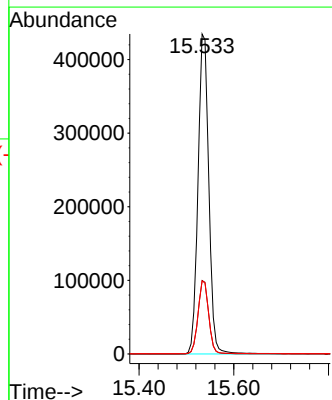
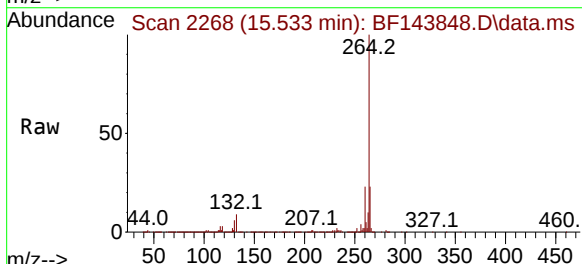
Instrument :
BNA_F
ClientSampleId :
12-8MS

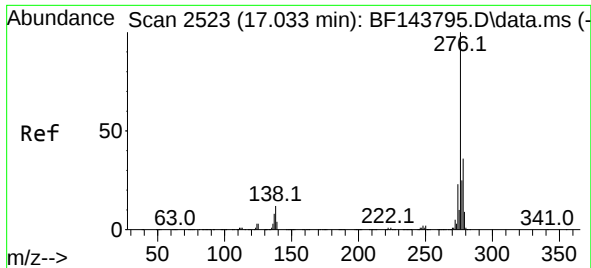
Tgt Ion:149 Resp: 858998
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.5 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion:264 Resp: 686765
Ion Ratio Lower Upper
264 100
260 23.0 17.9 26.9
265 22.8 17.7 26.5

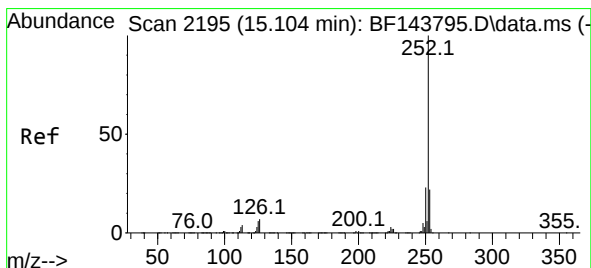
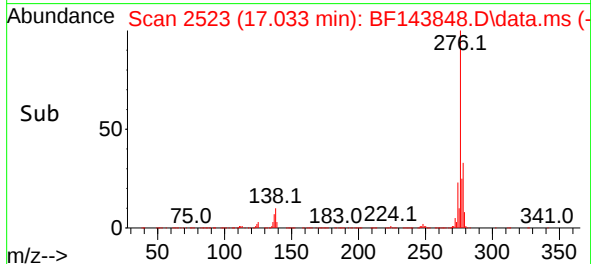
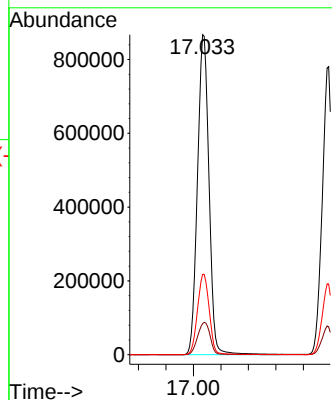
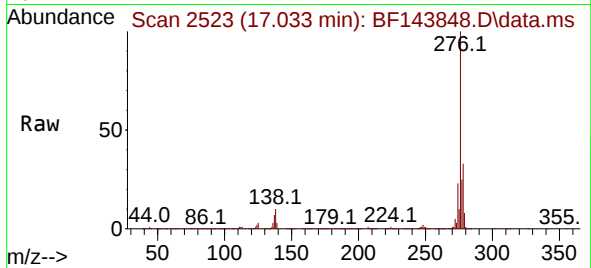




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.441 ng
 RT: 17.033 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF143848.D
 Acq: 30 Sep 2025 22:31

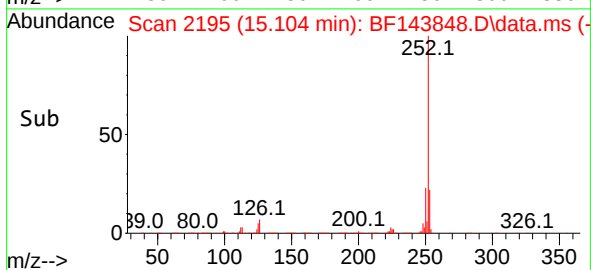
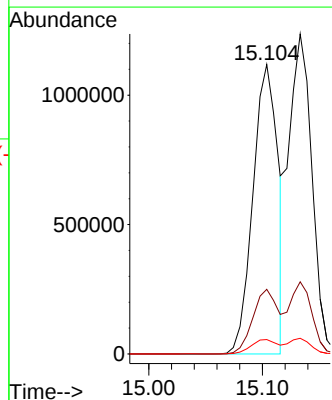
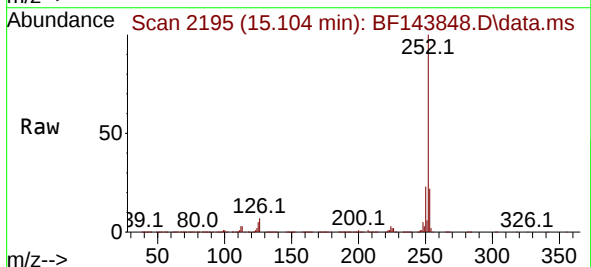
Instrument :
 BNA_F
 ClientSampleId :
 12-8MS

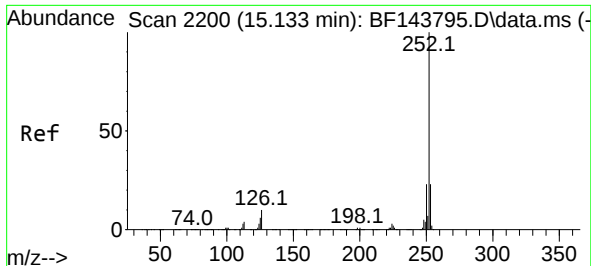
Tgt Ion:276 Resp: 2524130
 Ion Ratio Lower Upper
 276 100
 138 11.0 10.6 15.8
 277 25.7 20.7 31.1



#88
 Benzo(b)fluoranthene
 Concen: 48.697 ng
 RT: 15.104 min Scan# 2195
 Delta R.T. 0.000 min
 Lab File: BF143848.D
 Acq: 30 Sep 2025 22:31

Tgt Ion:252 Resp: 1703090
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.8 26.8
 125 5.0 4.4 6.6

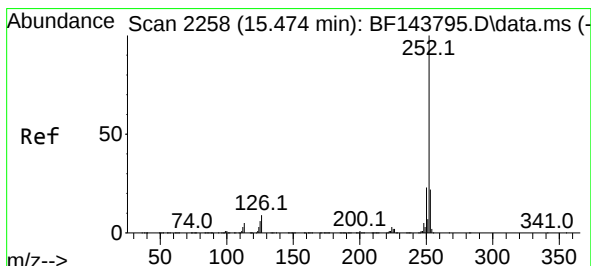
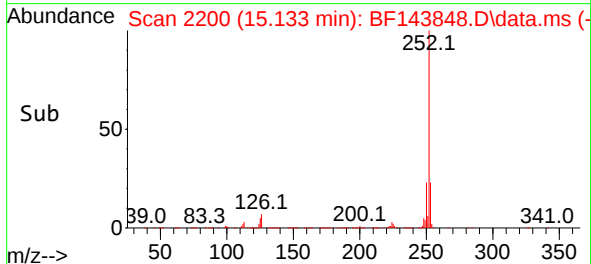
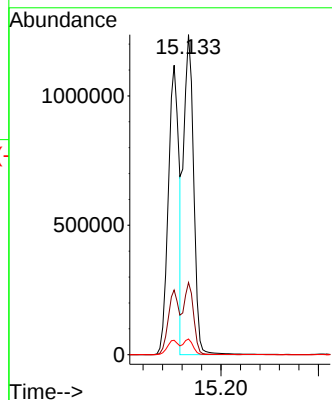
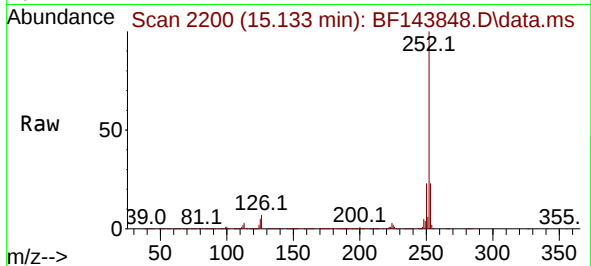




#89
Benzo(k)fluoranthene
Concen: 49.992 ng
RT: 15.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

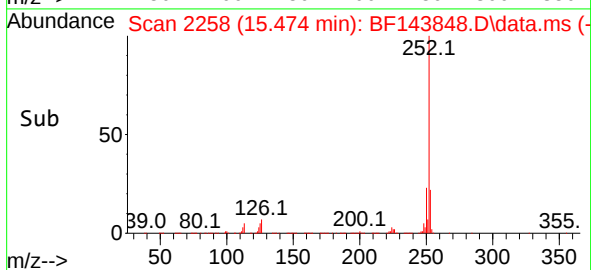
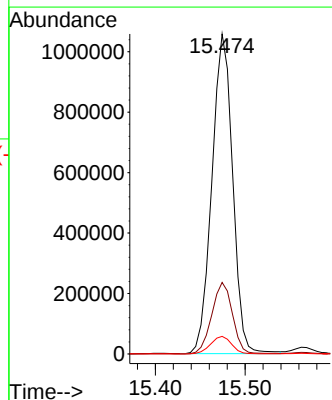
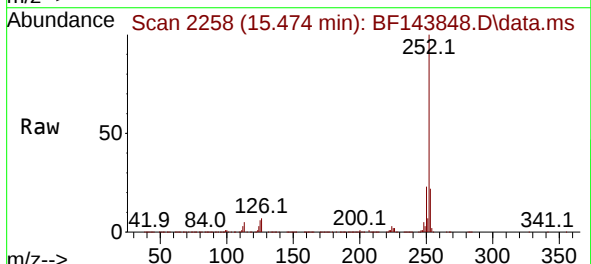
Instrument :
BNA_F
ClientSampleId :
12-8MS

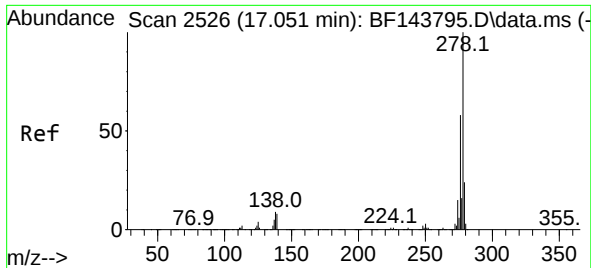
Tgt Ion:252 Resp: 1756538
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 4.9 4.6 6.8



#90
Benzo(a)pyrene
Concen: 51.776 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion:252 Resp: 1702092
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 5.5 5.0 7.4

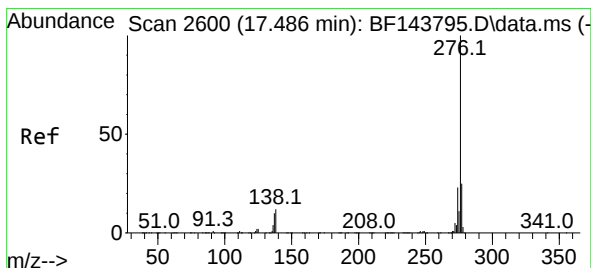
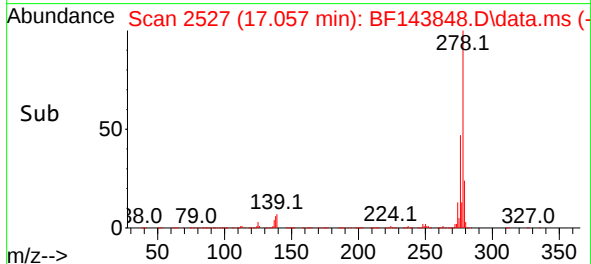
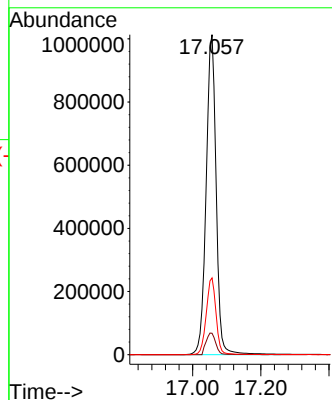
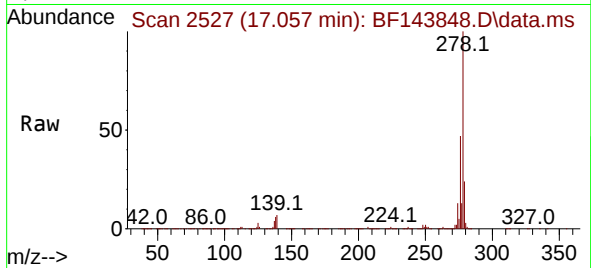




#91
Dibenzo(a,h)anthracene
Concen: 48.654 ng
RT: 17.057 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Instrument :
BNA_F
ClientSampleId :
12-8MS

Tgt Ion:278 Resp: 2073589
Ion Ratio Lower Upper
278 100
139 6.7 6.7 10.1#
279 24.0 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 47.994 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.012 min
Lab File: BF143848.D
Acq: 30 Sep 2025 22:31

Tgt Ion:276 Resp: 1971788
Ion Ratio Lower Upper
276 100
277 24.5 19.6 29.4
138 9.6 9.2 13.8

