

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
 Data File : BF144354.D
 Acq On : 25 Nov 2025 17:14
 Operator : RC/JU
 Sample : Q3700-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWMSD

Quant Time: Nov 25 17:38:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	51254	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	175810	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	91917	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	143744	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	124635	20.000	ng	0.00
86) Perylene-d12	15.521	264	173017	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	188353	57.507	ng	0.00
7) Phenol-d6	6.498	99	148789	40.092	ng	0.00
23) Nitrobenzene-d5	7.428	82	265823	87.325	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	82491	71.517	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	508224	81.662	ng	0.00
79) Terphenyl-d14	12.980	244	555825	70.837	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	33599	24.813	ng	96
3) Pyridine	3.440	79	75959	20.107	ng	97
4) n-Nitrosodimethylamine	3.352	42	47005	23.820	ng	88
6) Aniline	6.528	93	77802	14.714	ng	96
8) 2-Chlorophenol	6.651	128	113706	35.400	ng	98
9) Benzaldehyde	6.416	77	38791	18.511	ng	99
10) Phenol	6.510	94	93653	20.655	ng	97
11) bis(2-Chloroethyl)ether	6.593	93	123594	37.408	ng	96
12) 1,3-Dichlorobenzene	6.804	146	125843	31.750	ng	97
13) 1,4-Dichlorobenzene	6.881	146	129228	32.544	ng	99
14) 1,2-Dichlorobenzene	7.034	146	125683	33.022	ng	97
15) Benzyl Alcohol	7.010	79	94289	32.086	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.134	45	230645	37.909	ng	90
17) 2-Methylphenol	7.122	107	82022	32.099	ng	95
18) Hexachloroethane	7.369	117	40480	30.684	ng	94
19) n-Nitroso-di-n-propyla...	7.269	70	99924	40.901	ng	99
20) 3+4-Methylphenols	7.275	107	91374	30.334	ng	# 85
22) Acetophenone	7.269	105	165763	43.951	ng	97
24) Nitrobenzene	7.445	77	138005	41.755	ng	96
25) Isophorone	7.681	82	240199	41.716	ng	100
26) 2-Nitrophenol	7.763	139	70128	42.863	ng	97
27) 2,4-Dimethylphenol	7.798	122	106874	43.582	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	151091	42.021	ng	97
29) 2,4-Dichlorophenol	8.004	162	94665	33.493	ng	96
30) 1,2,4-Trichlorobenzene	8.087	180	90297	31.112	ng	99
31) Naphthalene	8.169	128	326436	39.033	ng	99
32) Benzoic acid	8.104	122	82204m	45.732	ng	
33) 4-Chloroaniline	8.222	127	21686	7.110	ng	97
34) Hexachlorobutadiene	8.281	225	74677	34.141	ng	98
35) Caprolactam	8.657	113	14525m	18.758	ng	
36) 4-Chloro-3-methylphenol	8.698	107	86994	34.344	ng	98
37) 2-Methylnaphthalene	8.857	142	205714	36.790	ng	100
38) 1-Methylnaphthalene	8.957	142	205986	38.179	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	124813	41.433	ng	100
41) Hexachlorocyclopentadiene	9.010	237	46514	47.724	ng	95
43) 2,4,6-Trichlorophenol	9.139	196	70532	34.401	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
 Data File : BF144354.D
 Acq On : 25 Nov 2025 17:14
 Operator : RC/JU
 Sample : Q3700-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWMSD

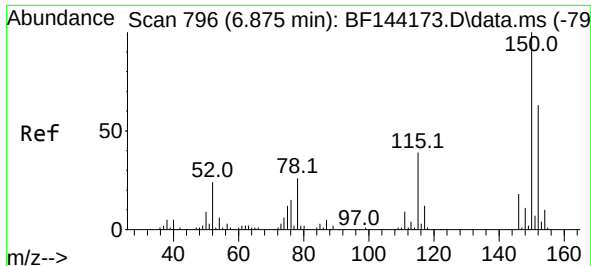
Quant Time: Nov 25 17:38:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	83869	37.954	ng	97
46) 1,1'-Biphenyl	9.322	154	274352	42.760	ng	100
47) 2-Chloronaphthalene	9.345	162	227971	41.654	ng	98
48) 2-Nitroaniline	9.445	65	65944	41.759	ng	95
49) Acenaphthylene	9.763	152	349921	46.918	ng	99
50) Dimethylphthalate	9.622	163	255876	42.020	ng	99
51) 2,6-Dinitrotoluene	9.686	165	54274	44.029	ng	95
52) Acenaphthene	9.933	154	188774	37.850	ng	99
53) 3-Nitroaniline	9.857	138	18673	13.858	ng	99
54) 2,4-Dinitrophenol	9.975	184	59954	80.545	ng	92
55) Dibenzofuran	10.110	168	273768	39.193	ng	99
56) 4-Nitrophenol	10.033	139	36308	37.249	ng	92
57) 2,4-Dinitrotoluene	10.092	165	68990	41.808	ng	# 94
58) Fluorene	10.457	166	218454	41.134	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	41952	26.833	ng	# 96
60) Diethylphthalate	10.328	149	224882	40.061	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	118206	39.074	ng	98
62) 4-Nitroaniline	10.475	138	34849	27.157	ng	94
63) Azobenzene	10.604	77	227078	43.466	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	39092	40.032	ng	94
66) n-Nitrosodiphenylamine	10.563	169	206497	44.666	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	75310	41.046	ng	96
68) Hexachlorobenzene	11.004	284	90529	41.890	ng	96
69) Atrazine	11.104	200	13226	8.996	ng	91
70) Pentachlorophenol	11.210	266	96674	89.834	ng	98
71) Phenanthrene	11.422	178	313760	43.841	ng	99
72) Anthracene	11.469	178	323975	44.519	ng	99
73) Carbazole	11.627	167	279982	45.245	ng	99
74) Di-n-butylphthalate	11.951	149	220457	29.470	ng	99
75) Fluoranthene	12.610	202	327261	44.266	ng	99
77) Benzidine	12.739	184	72474	19.659	ng	# 8
78) Pyrene	12.845	202	351378	34.966	ng	100
80) Butylbenzylphthalate	13.457	149	151760	43.572	ng	96
81) Benzo(a)anthracene	14.033	228	386391	44.731	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	64882	21.913	ng	96
83) Chrysene	14.068	228	358358	44.940	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	225556	47.307	ng	98
85) Di-n-octyl phthalate	14.627	149	409424	49.770	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.027	276	510265	41.085	ng	98
88) Benzo(b)fluoranthene	15.086	252	438017	44.530	ng	99
89) Benzo(k)fluoranthene	15.115	252	377856	41.041	ng	99
90) Benzo(a)pyrene	15.463	252	397725	43.829	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	416098	41.716	ng	99
92) Benzo(g,h,i)perylene	17.480	276	414029	42.034	ng	99

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

Quant Time: Nov 25 17:38:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

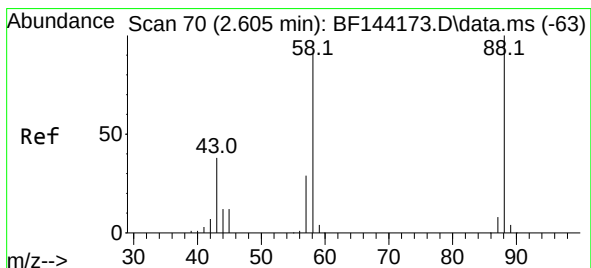
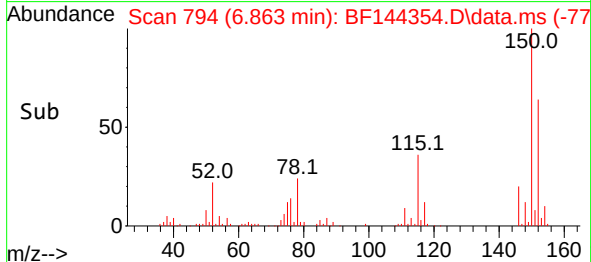
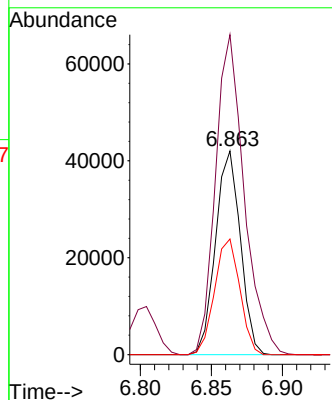
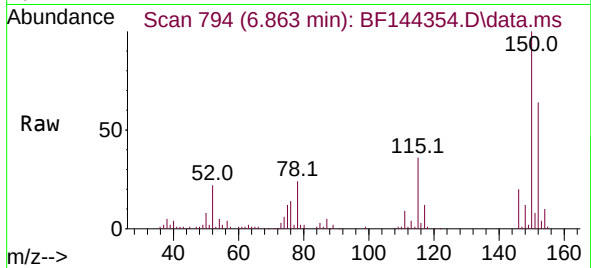




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF144354.D
 Acq: 25 Nov 2025 17:14

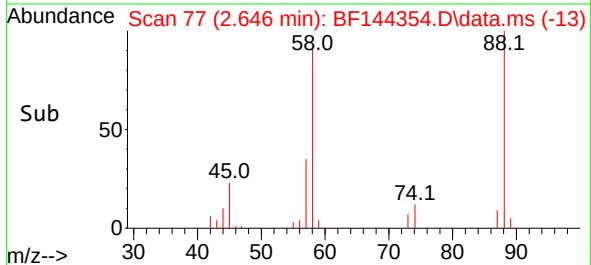
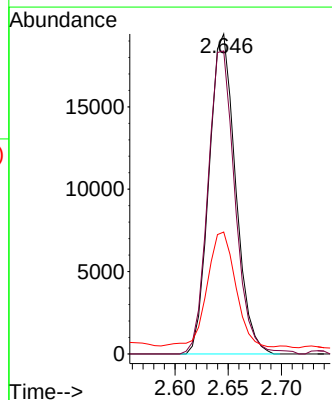
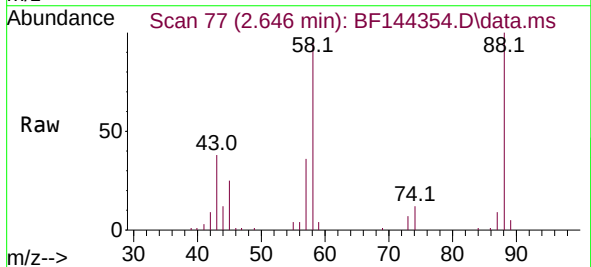
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWMSD

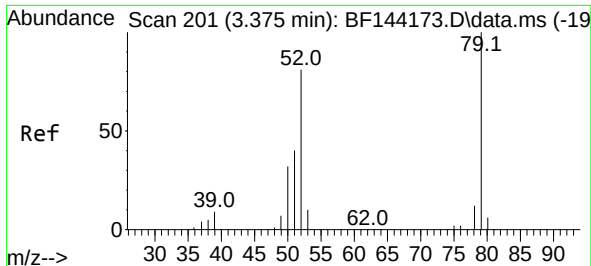
Tgt Ion:152 Resp: 51254
 Ion Ratio Lower Upper
 152 100
 150 157.1 127.4 191.0
 115 56.8 49.5 74.3



#2
 1,4-Dioxane
 Concen: 24.813 ng
 RT: 2.646 min Scan# 77
 Delta R.T. 0.029 min
 Lab File: BF144354.D
 Acq: 25 Nov 2025 17:14

Tgt Ion: 88 Resp: 33599
 Ion Ratio Lower Upper
 88 100
 58 97.1 73.1 109.7
 43 38.3 31.0 46.6

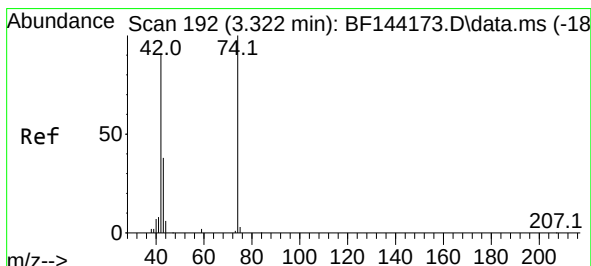
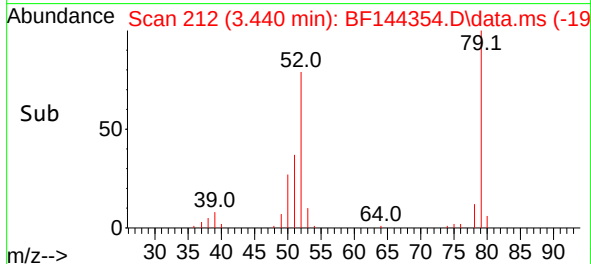
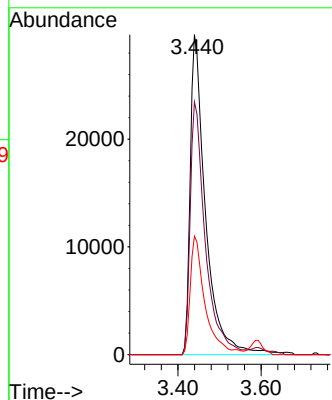
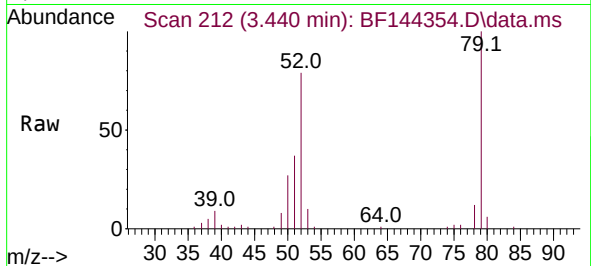




#3
Pyridine
Concen: 20.107 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

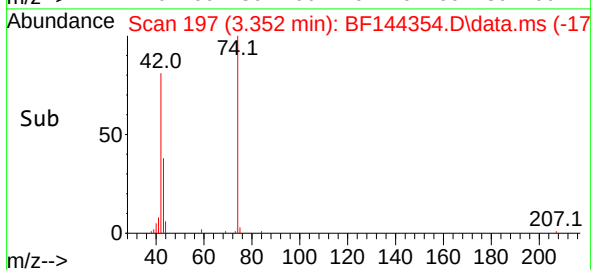
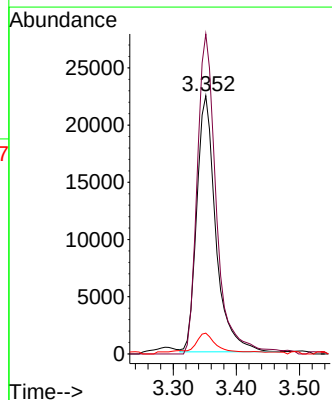
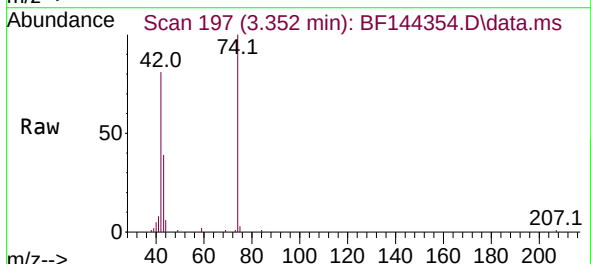
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

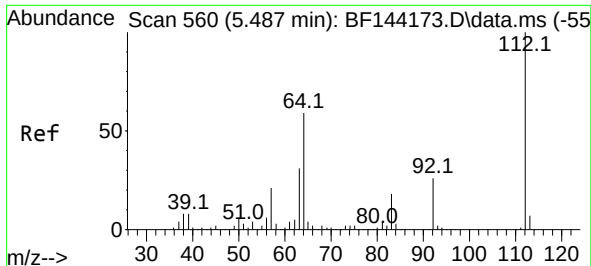
Tgt Ion: 79 Resp: 75959
Ion Ratio Lower Upper
79 100
52 79.0 64.5 96.7
51 37.0 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 23.820 ng
RT: 3.352 min Scan# 197
Delta R.T. 0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion: 42 Resp: 47005
Ion Ratio Lower Upper
42 100
74 124.0 88.2 132.4
44 8.0 5.7 8.5

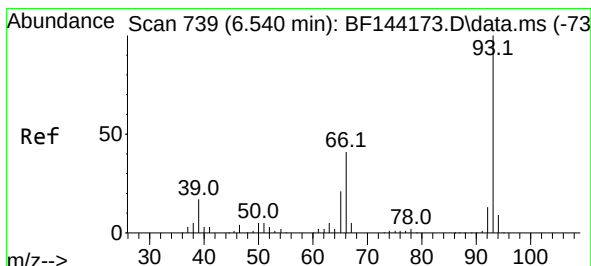
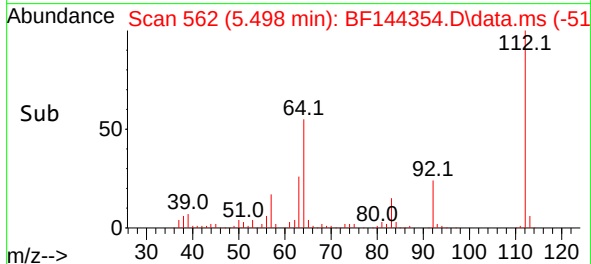
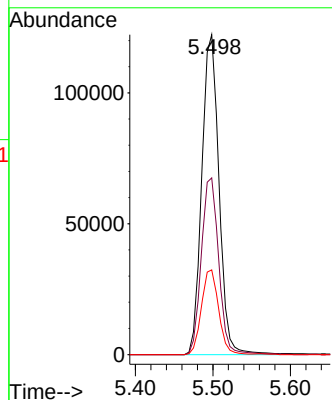
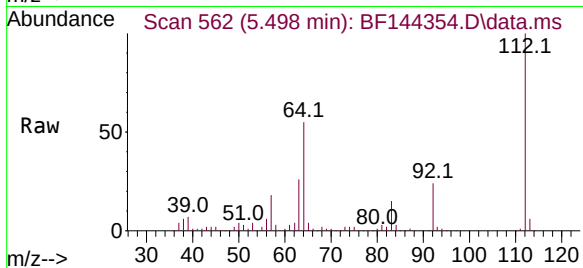




#5
2-Fluorophenol
Concen: 57.507 ng
RT: 5.498 min Scan# 560
Delta R.T. 0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

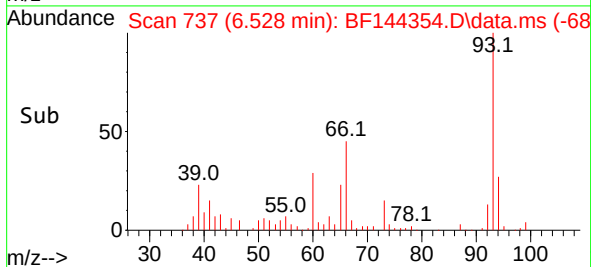
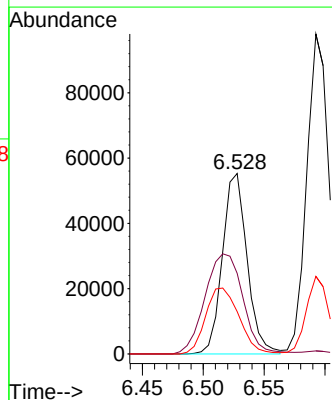
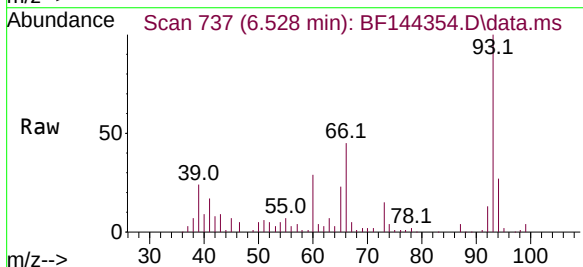
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

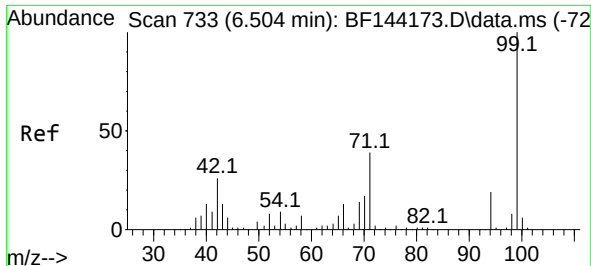
Tgt Ion:112 Resp: 188353
Ion Ratio Lower Upper
112 100
64 55.2 47.2 70.8
63 26.5 24.4 36.6



#6
Aniline
Concen: 14.714 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion: 93 Resp: 77802
Ion Ratio Lower Upper
93 100
66 44.7 34.3 51.5
65 23.4 16.9 25.3





#7

Phenol-d6

Concen: 40.092 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.000 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

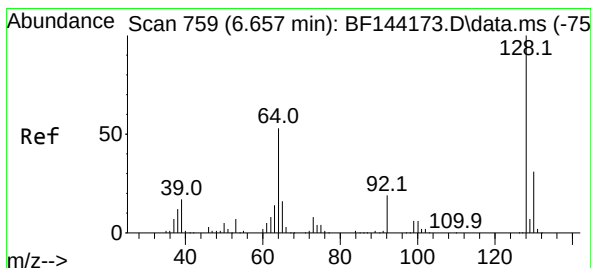
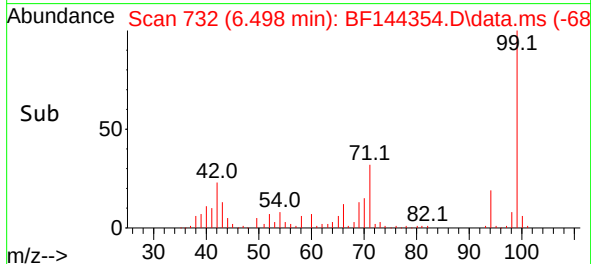
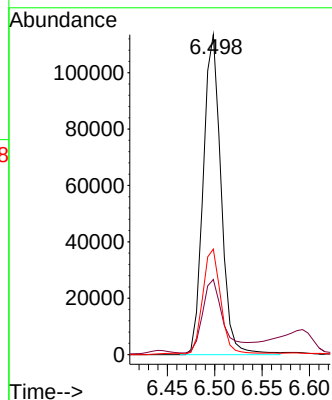
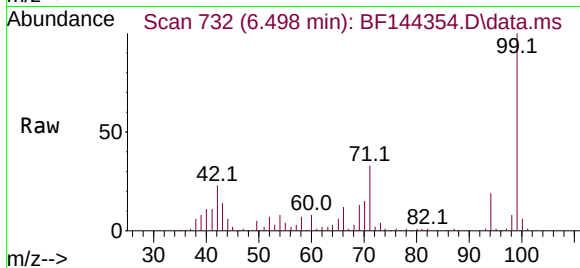
Tgt Ion: 99 Resp: 148789

Ion Ratio Lower Upper

99 100

42 23.5 20.9 31.3

71 33.0 31.4 47.2



#8

2-Chlorophenol

Concen: 35.400 ng

RT: 6.651 min Scan# 758

Delta R.T. -0.006 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

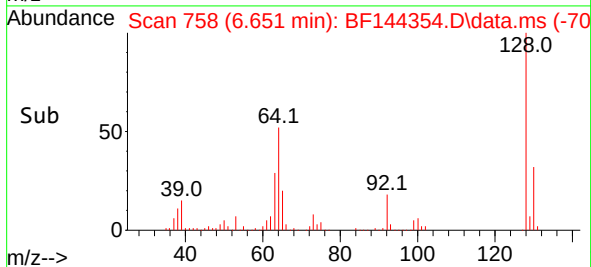
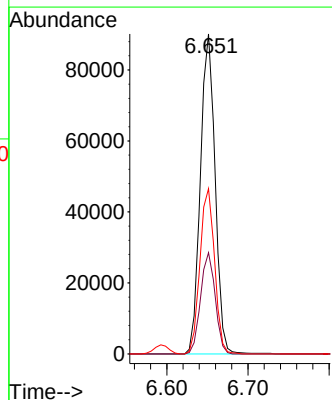
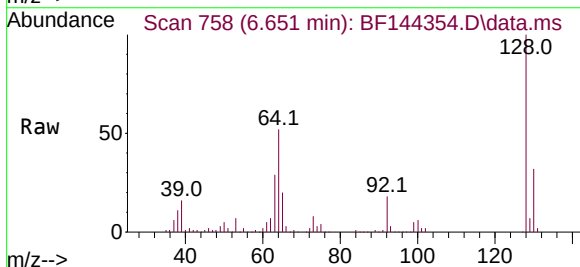
Tgt Ion:128 Resp: 113706

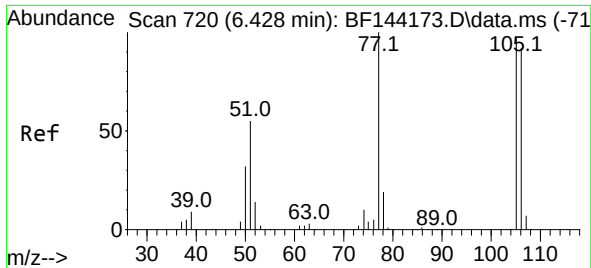
Ion Ratio Lower Upper

128 100

130 31.6 10.5 50.5

64 51.6 33.2 73.2

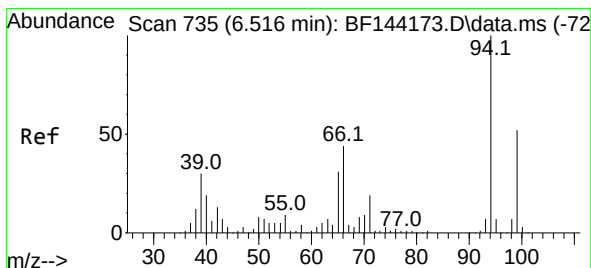
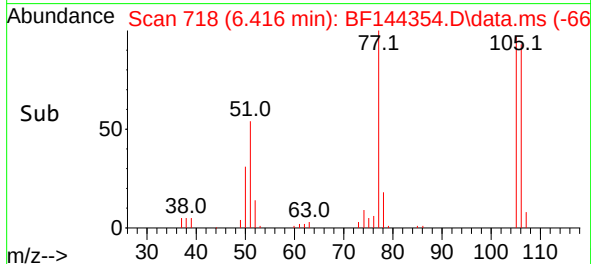
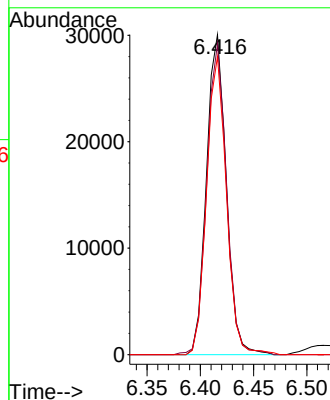
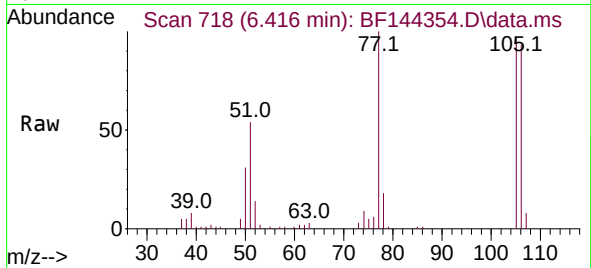




#9
Benzaldehyde
Concen: 18.511 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

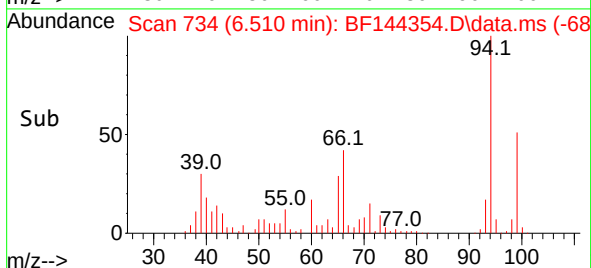
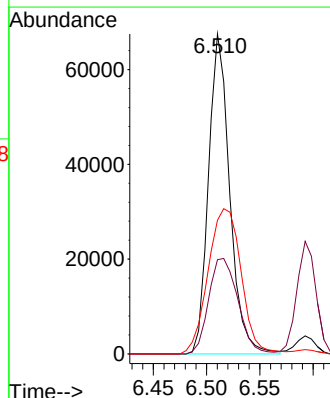
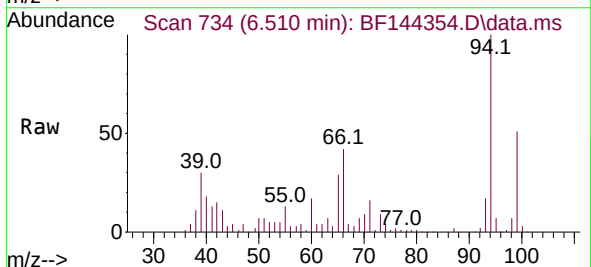
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

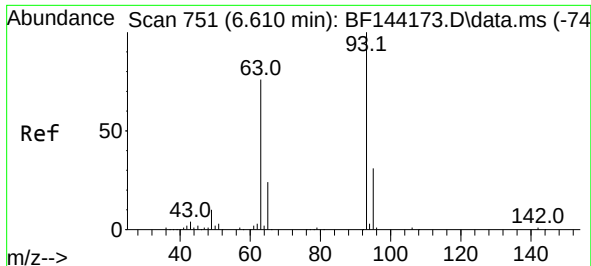
Tgt Ion: 77 Resp: 38791
Ion Ratio Lower Upper
77 100
105 97.1 77.2 117.2
106 93.1 72.2 112.2



#10
Phenol
Concen: 20.655 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.000 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion: 94 Resp: 93653
Ion Ratio Lower Upper
94 100
65 29.4 10.8 50.8
66 41.8 24.3 64.3

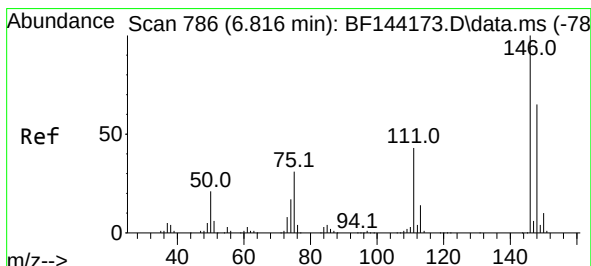
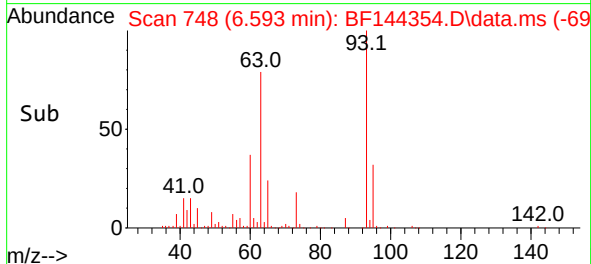
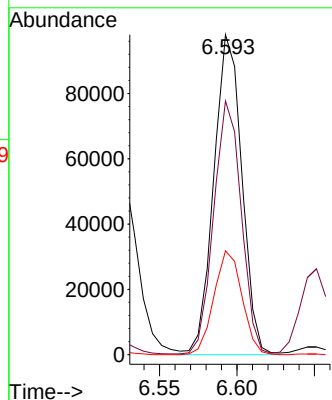
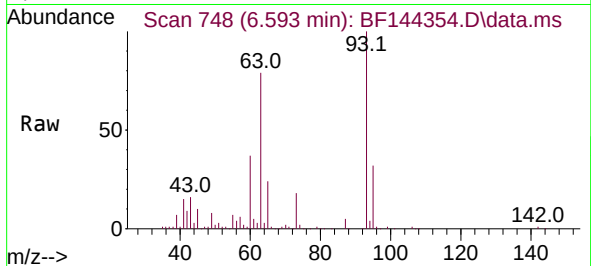




#11
bis(2-Chloroethyl)ether
Concen: 37.408 ng
RT: 6.593 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

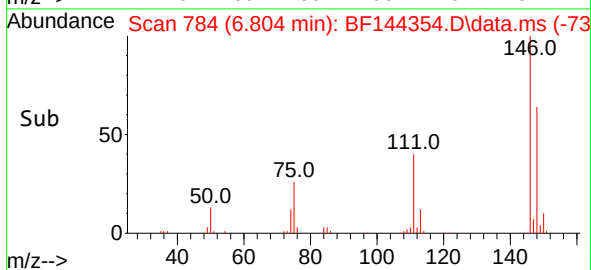
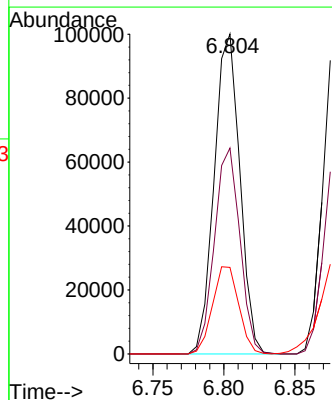
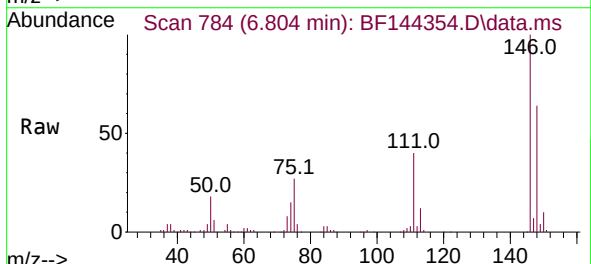
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

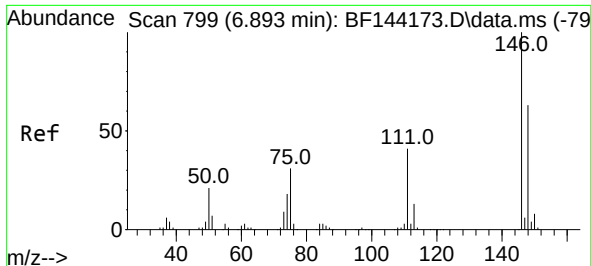
Tgt Ion: 93 Resp: 123594
Ion Ratio Lower Upper
93 100
63 79.3 55.2 95.2
95 32.4 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 31.750 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion: 146 Resp: 125843
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
75 27.0 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 32.544 ng

RT: 6.881 min Scan# 799

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

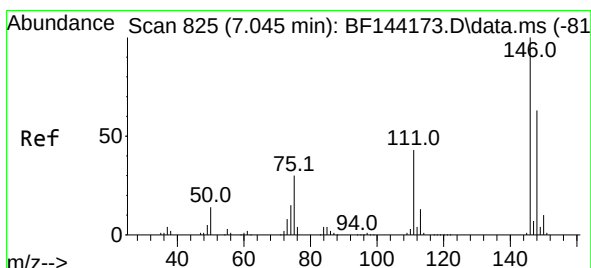
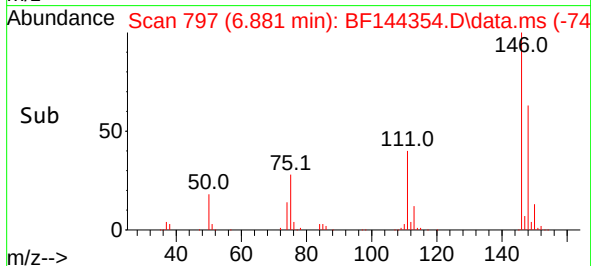
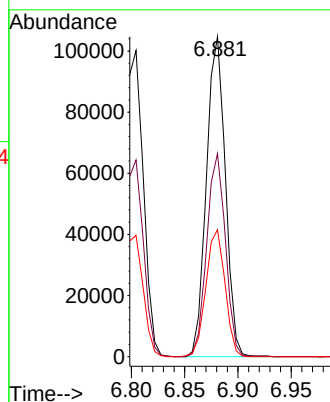
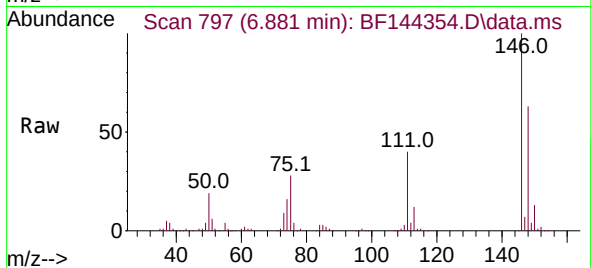
Tgt Ion:146 Resp: 129228

Ion Ratio Lower Upper

146 100

148 63.4 50.2 75.2

111 39.7 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 33.022 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

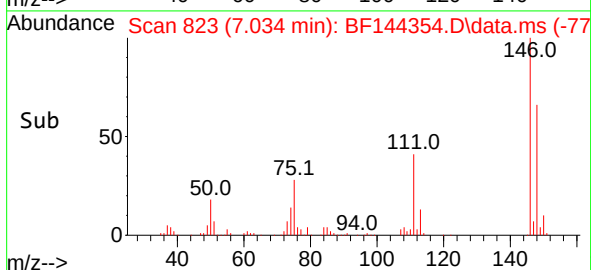
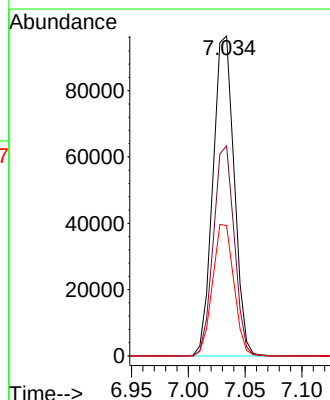
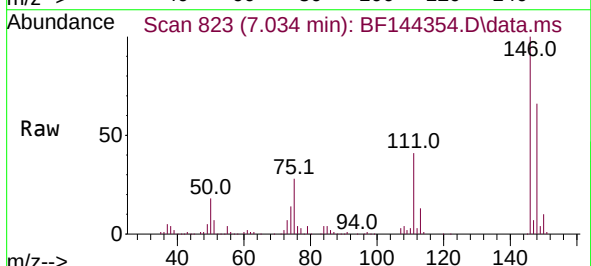
Tgt Ion:146 Resp: 125683

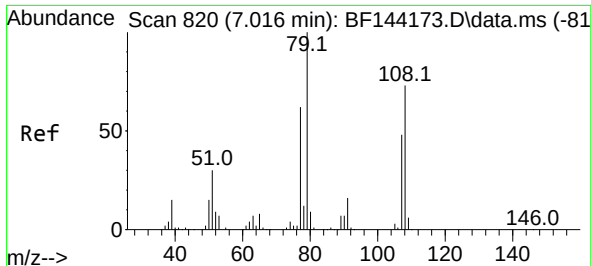
Ion Ratio Lower Upper

146 100

148 65.6 50.7 76.1

111 40.7 34.2 51.4

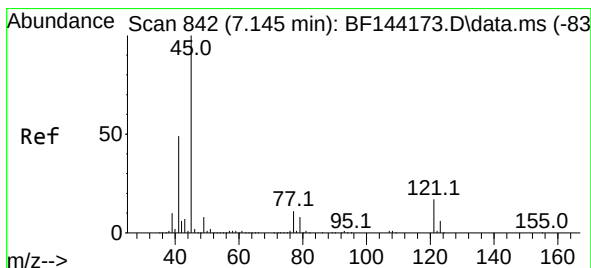
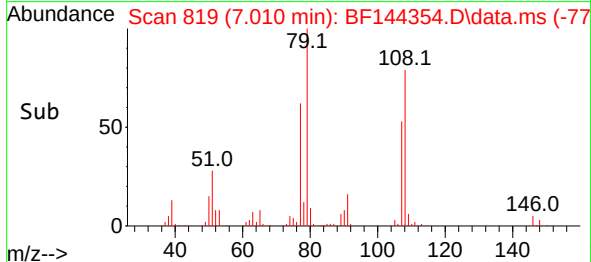
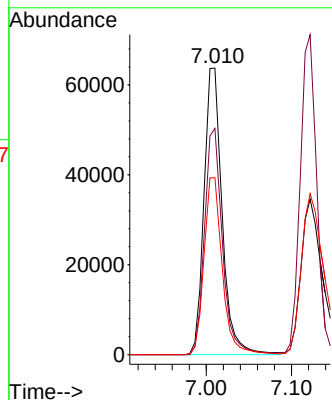
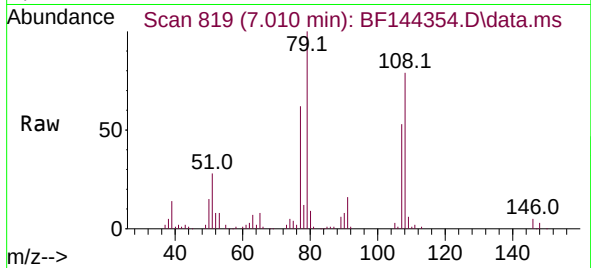




#15
Benzyl Alcohol
Concen: 32.086 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

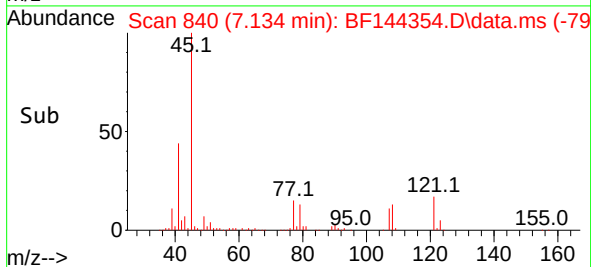
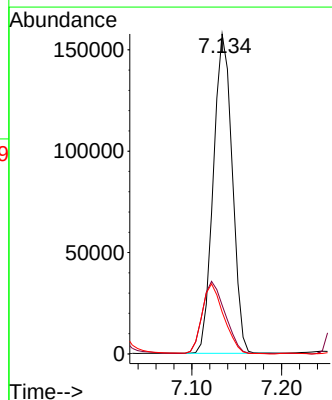
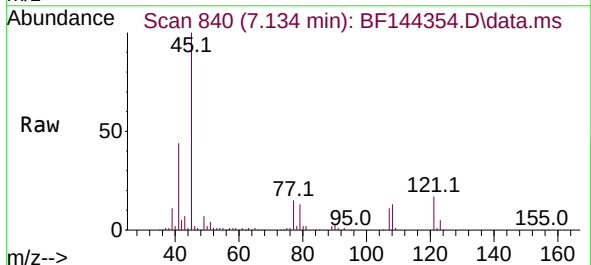
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

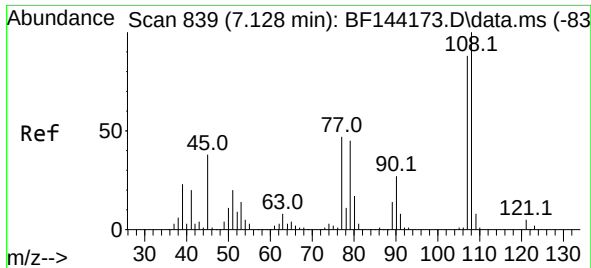
Tgt Ion: 79 Resp: 94289
Ion Ratio Lower Upper
79 100
108 78.9 58.2 87.4
77 61.7 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.909 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion: 45 Resp: 230645
Ion Ratio Lower Upper
45 100
77 15.2 0.0 31.8
79 13.1 0.0 29.1

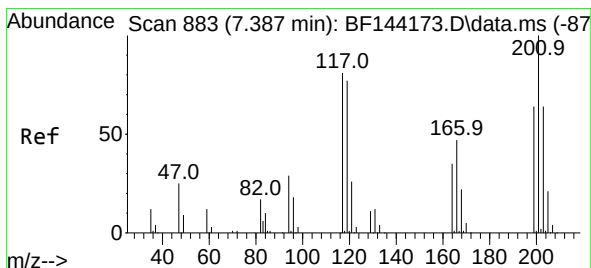
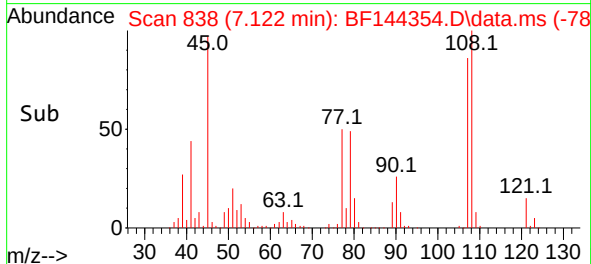
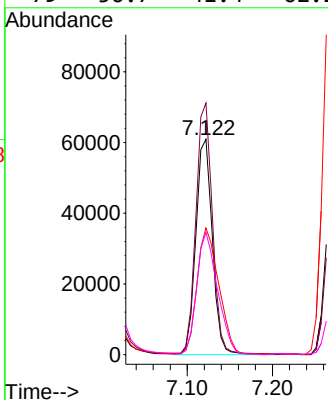
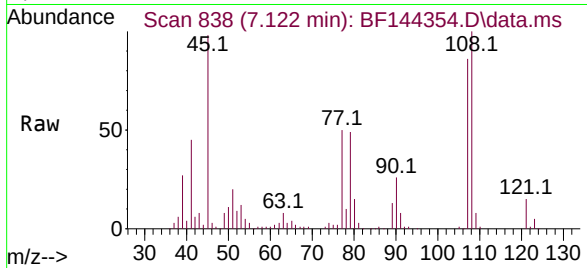




#17
2-Methylphenol
Concen: 32.099 ng
RT: 7.122 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

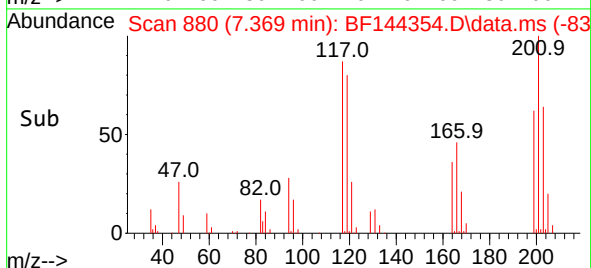
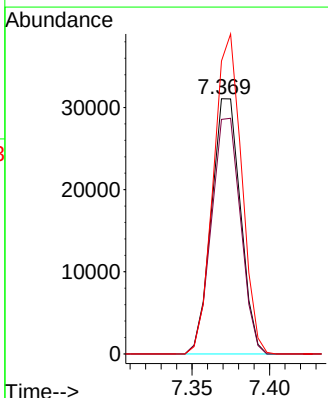
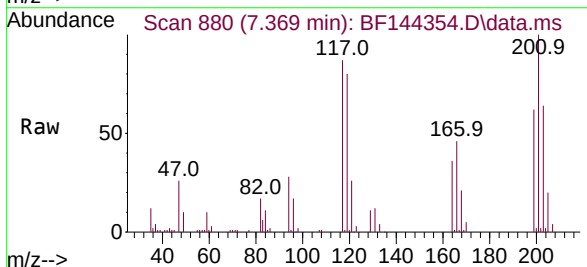
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

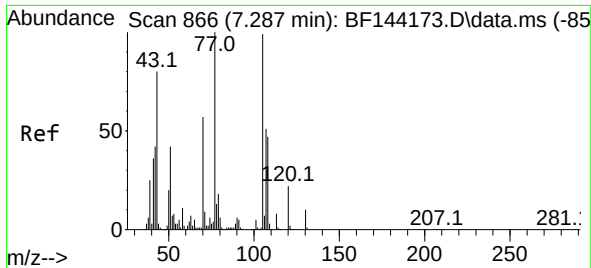
Tgt Ion:	107	Resp:	82022
Ion	Ratio	Lower	Upper
107	100		
108	116.8	91.0	136.4
77	58.8	42.7	64.1
79	56.7	41.4	62.2



#18
Hexachloroethane
Concen: 30.684 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.018 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:	117	Resp:	40480
Ion	Ratio	Lower	Upper
117	100		
119	91.9	75.8	113.8
201	114.8	98.9	148.3



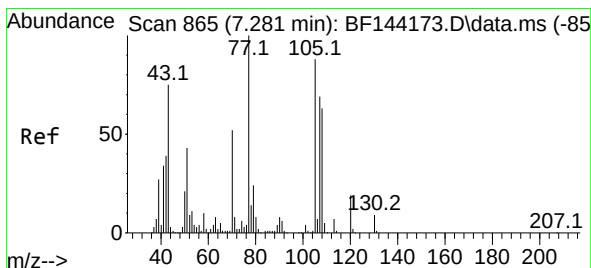
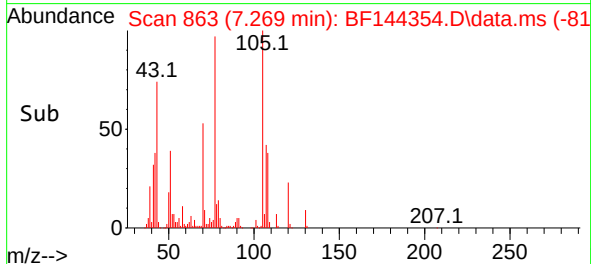
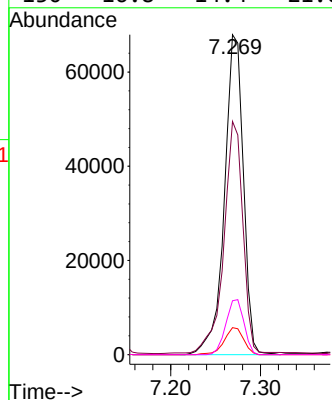
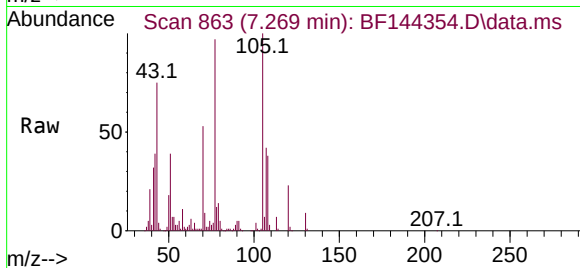


#19
n-Nitroso-di-n-propylamine
Concen: 40.901 ng
RT: 7.269 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

Tgt Ion: 70 Resp: 99924

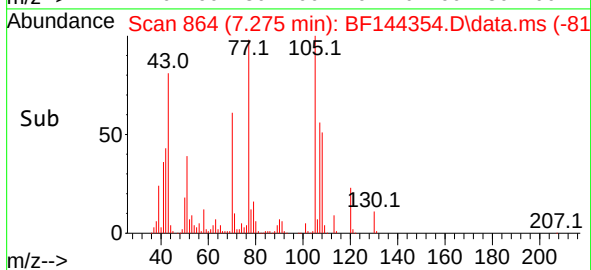
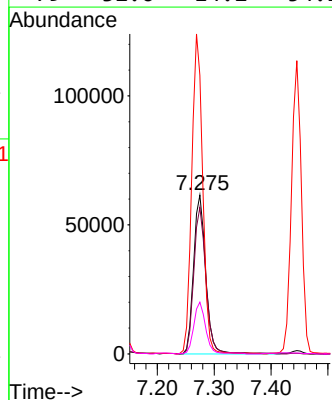
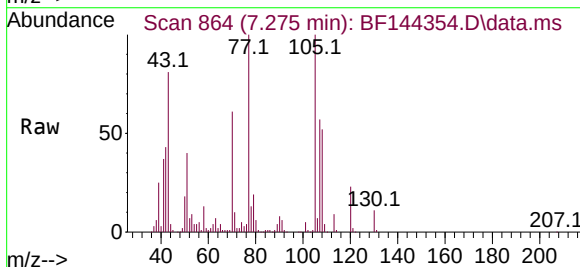
Ion	Ratio	Lower	Upper
70	100		
42	72.9	58.3	87.5
101	8.4	7.0	10.6
130	16.8	14.4	21.6

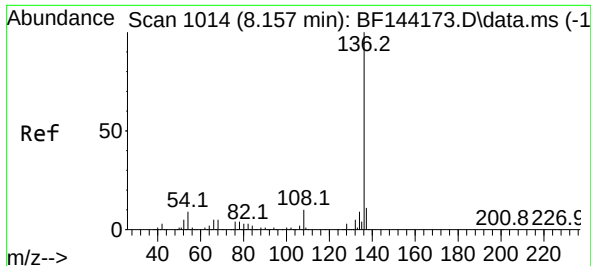


#20
3+4-Methylphenols
Concen: 30.334 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion: 107 Resp: 91374

Ion	Ratio	Lower	Upper
107	100		
108	92.2	70.2	110.2
77	175.3	123.9	163.9#
79	32.6	14.2	54.2



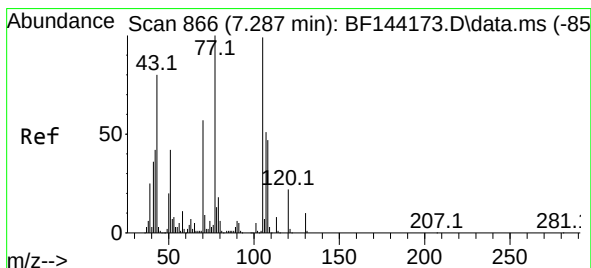
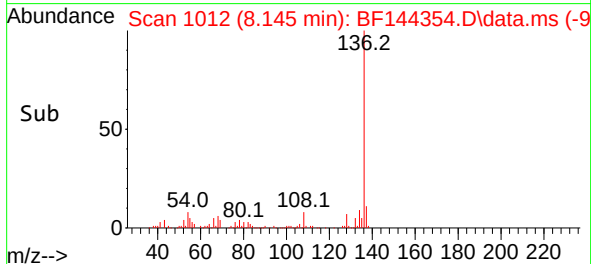
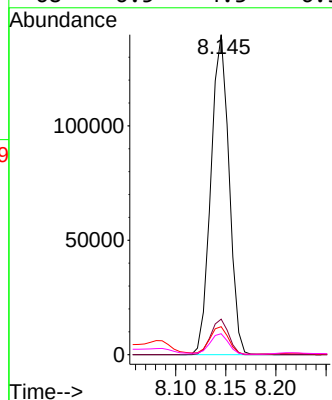
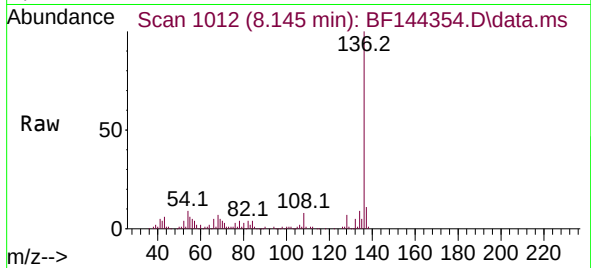


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

Tgt Ion:136 Resp: 175810

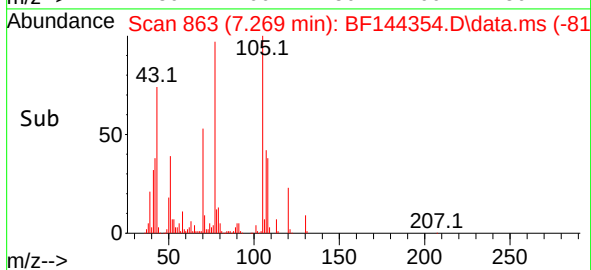
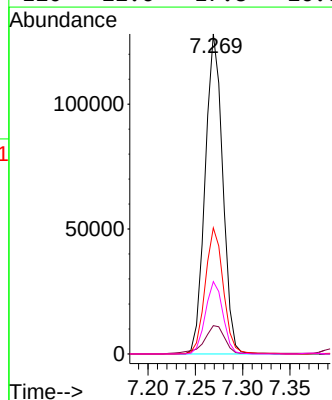
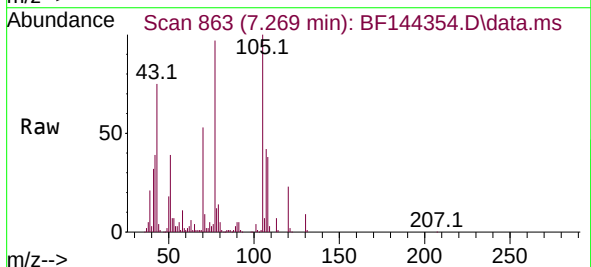
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.7	7.0	10.6
68	6.5	4.3	6.5

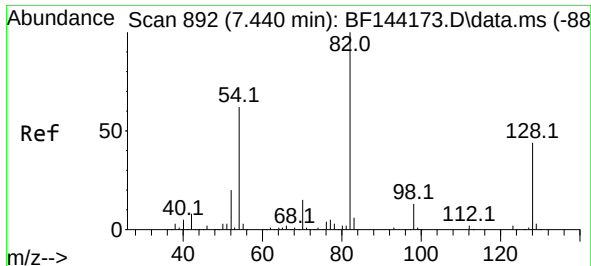


#22
Acetophenone
Concen: 43.951 ng
RT: 7.269 min Scan# 863
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:105 Resp: 165763

Ion	Ratio	Lower	Upper
105	100		
71	8.8	7.2	10.8
51	39.4	34.0	51.0
120	22.6	17.8	26.6





#23

Nitrobenzene-d5

Concen: 87.325 ng

RT: 7.428 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

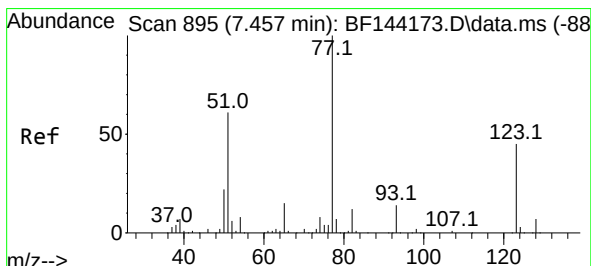
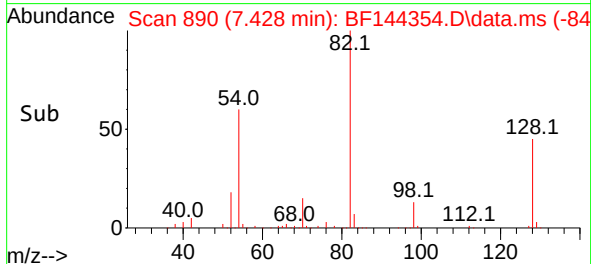
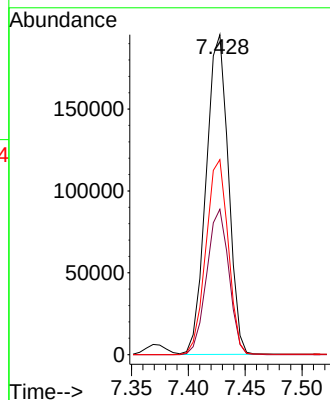
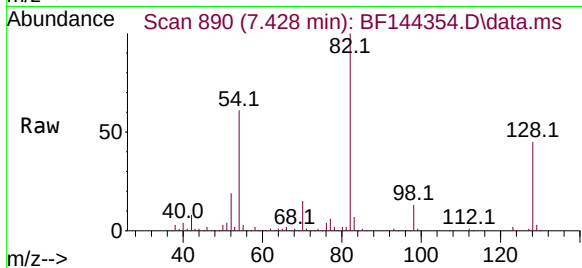
BNA_F

ClientSampleId :

EFF-WWMSD

Tgt Ion: 82 Resp: 265823

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.7	52.1
54	60.9	49.5	74.3



#24

Nitrobenzene

Concen: 41.755 ng

RT: 7.445 min Scan# 893

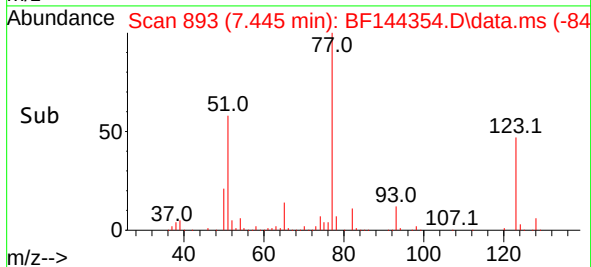
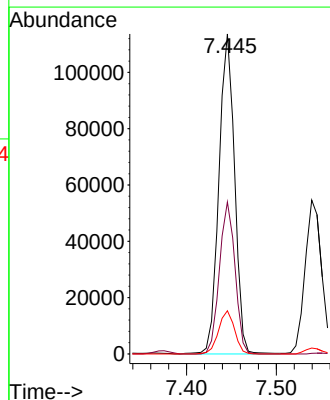
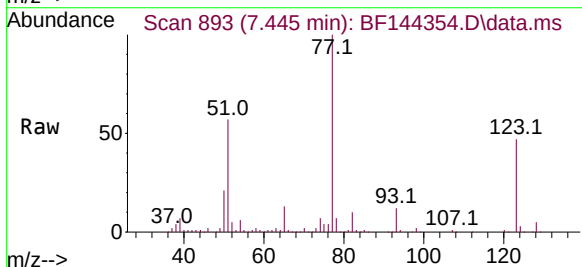
Delta R.T. -0.006 min

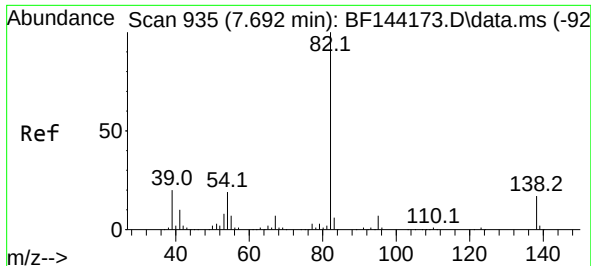
Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Tgt Ion: 77 Resp: 138005

Ion	Ratio	Lower	Upper
77	100		
123	47.5	35.8	53.8
65	13.5	12.2	18.2

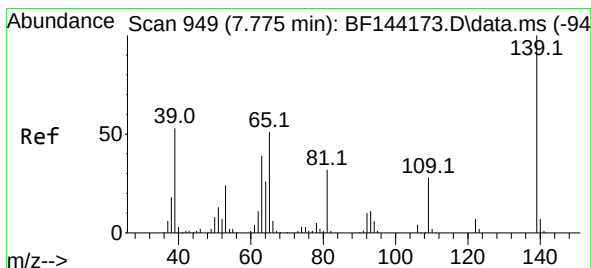
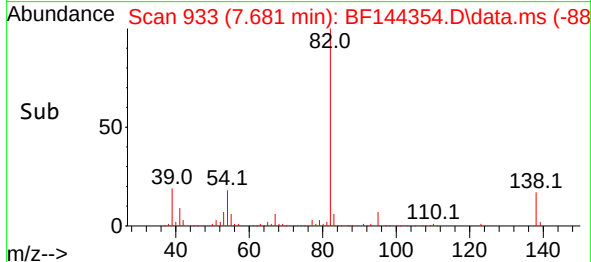
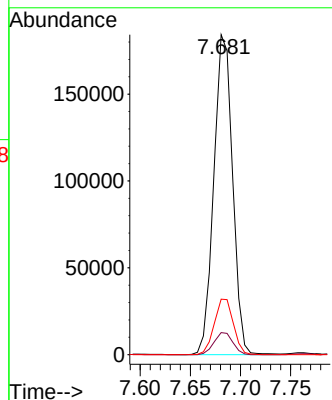
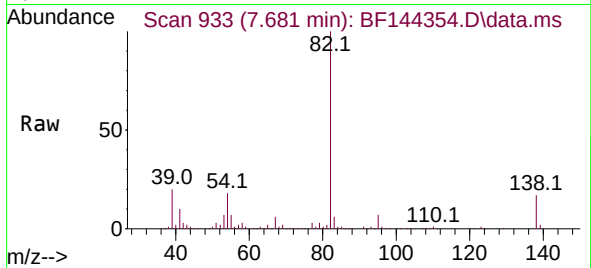




#25
Isophorone
Concen: 41.716 ng
RT: 7.681 min Scan# 935
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

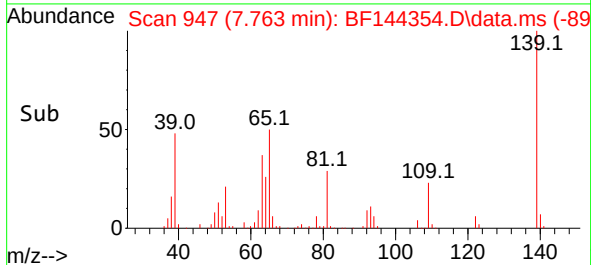
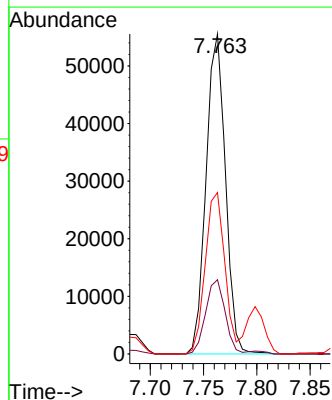
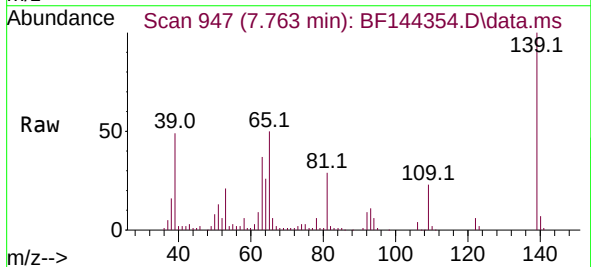
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

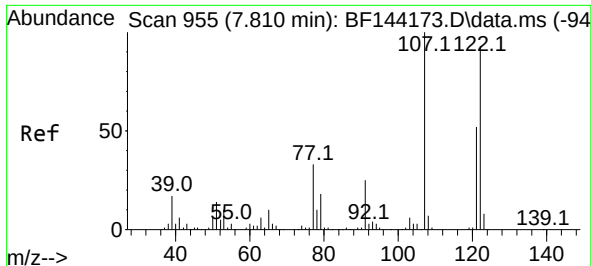
Tgt Ion: 82 Resp: 240199
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.3 13.7 20.5



#26
2-Nitrophenol
Concen: 42.863 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion: 139 Resp: 70128
Ion Ratio Lower Upper
139 100
109 23.2 22.2 33.2
65 50.4 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 43.582 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

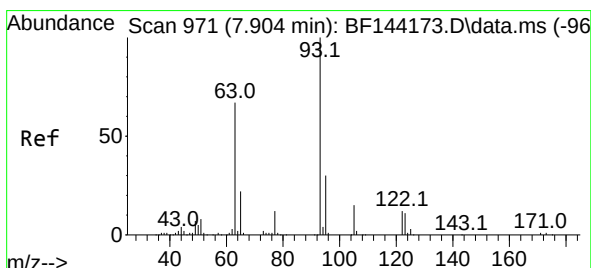
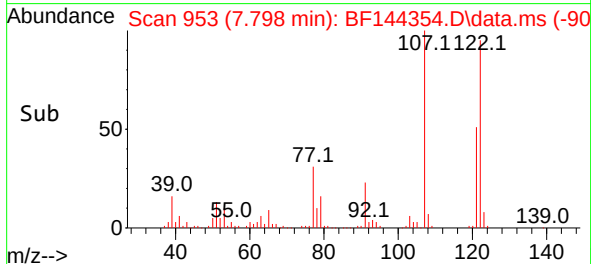
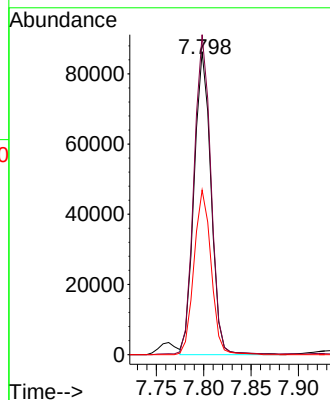
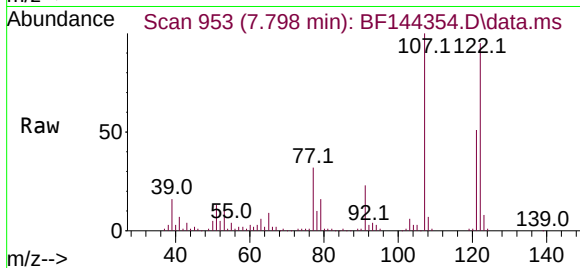
Tgt Ion:122 Resp: 106874

Ion Ratio Lower Upper

122 100

107 105.6 86.2 129.4

121 54.3 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 42.021 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

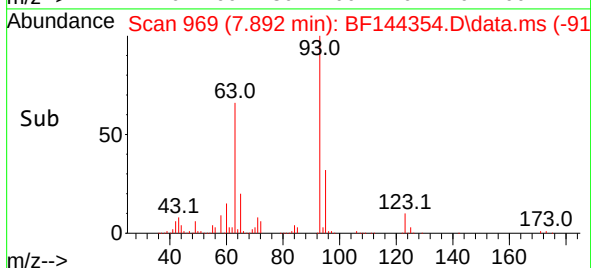
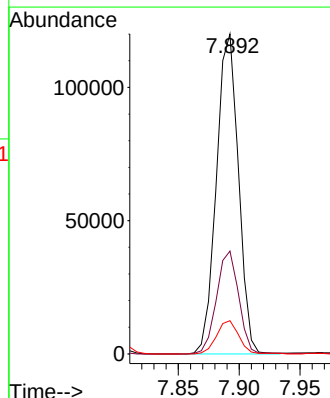
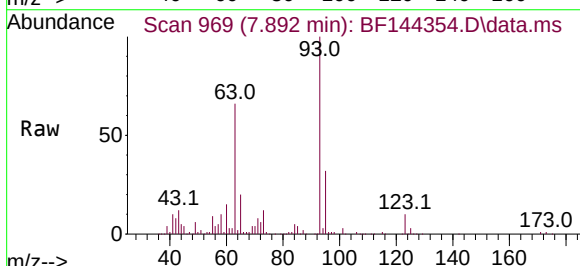
Tgt Ion: 93 Resp: 151091

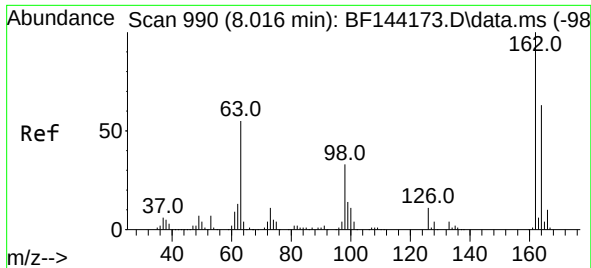
Ion Ratio Lower Upper

93 100

95 32.1 24.2 36.4

123 10.4 9.0 13.4

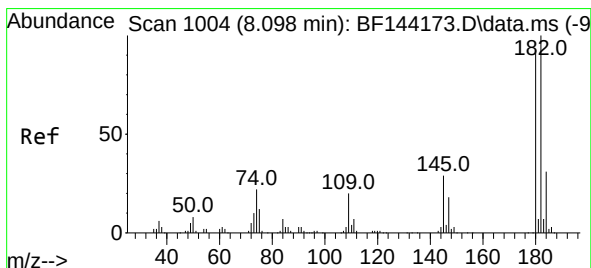
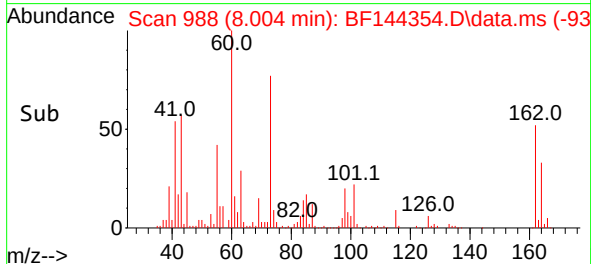
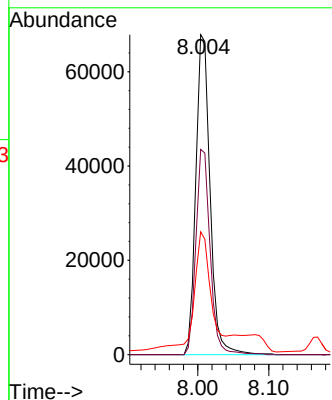
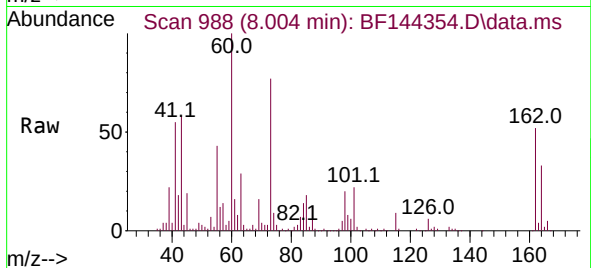




#29
2,4-Dichlorophenol
Concen: 33.493 ng
RT: 8.004 min Scan# 98
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

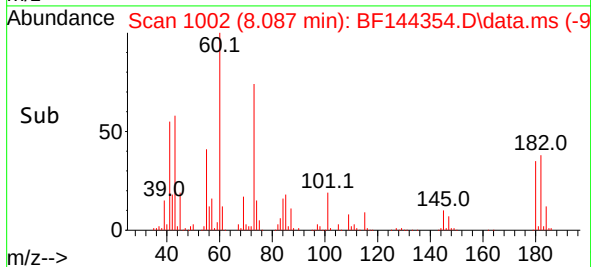
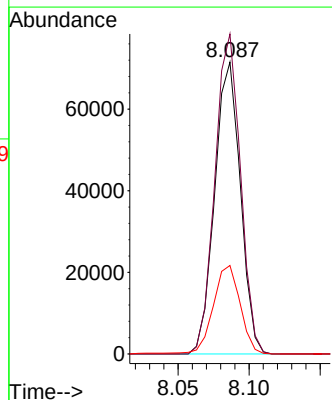
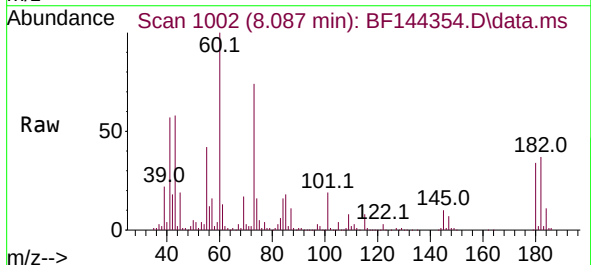
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

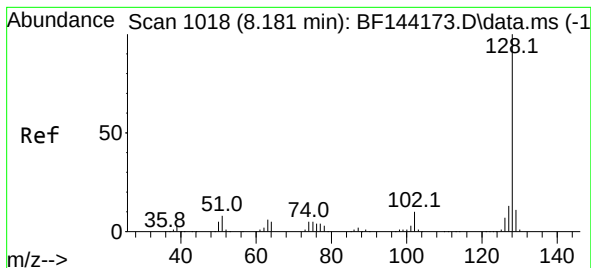
Tgt Ion:162 Resp: 94665
Ion Ratio Lower Upper
162 100
164 64.1 42.9 82.9
98 38.4 13.3 53.3



#30
1,2,4-Trichlorobenzene
Concen: 31.112 ng
RT: 8.087 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:180 Resp: 90297
Ion Ratio Lower Upper
180 100
182 109.7 87.7 131.5
145 30.3 25.4 38.0





#31

Naphthalene

Concen: 39.033 ng

RT: 8.169 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

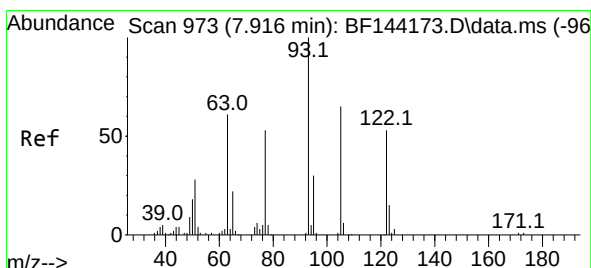
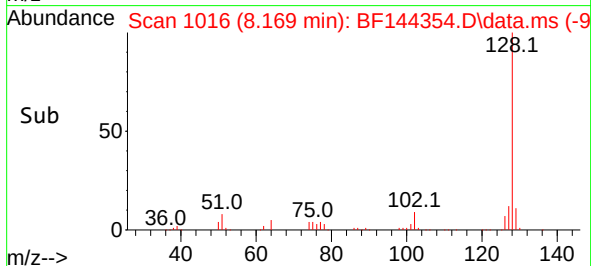
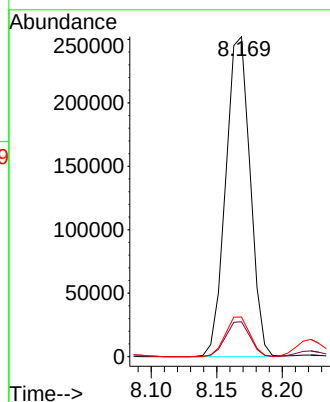
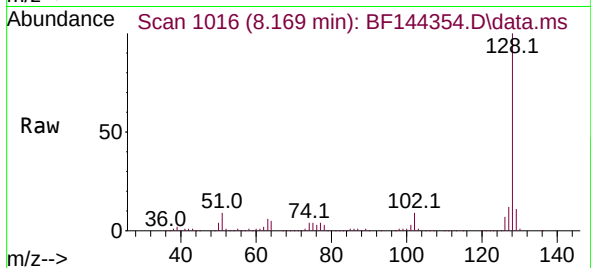
Tgt Ion:128 Resp: 326436

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 12.4 10.3 15.5



#32

Benzoic acid

Concen: 45.732 ng m

RT: 8.104 min Scan# 1005

Delta R.T. 0.153 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

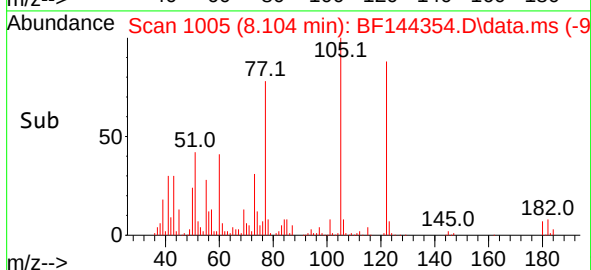
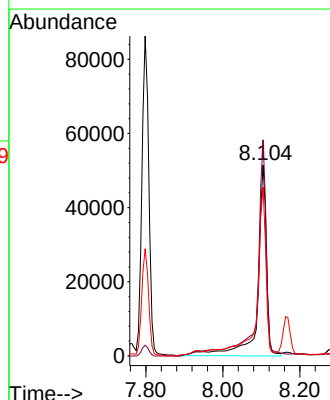
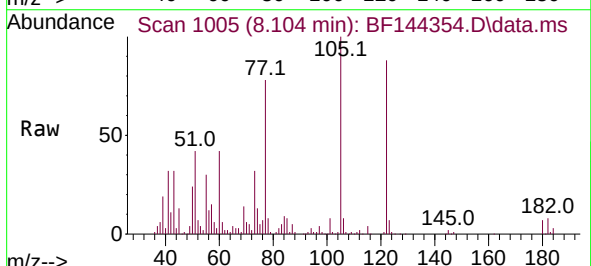
Tgt Ion:122 Resp: 82204

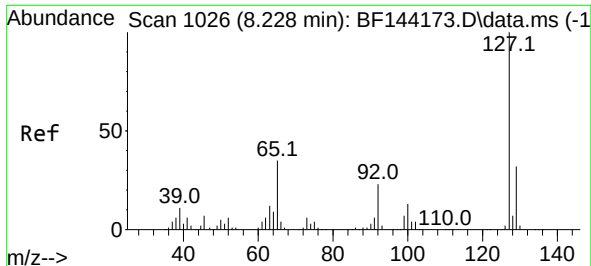
Ion Ratio Lower Upper

122 100

105 113.1 99.9 139.9

77 88.4 77.5 117.5

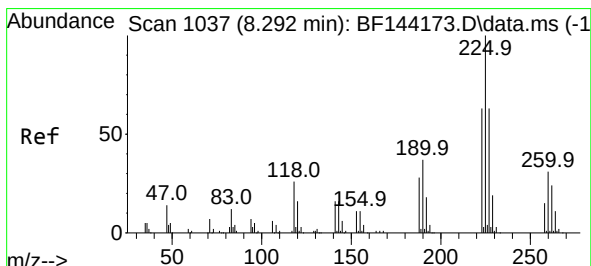
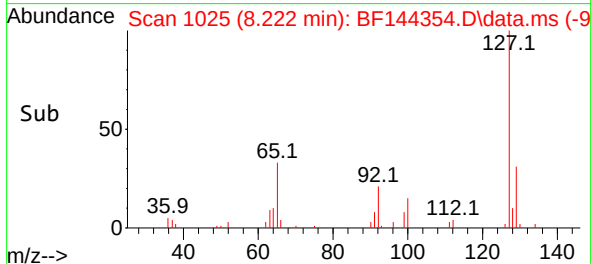
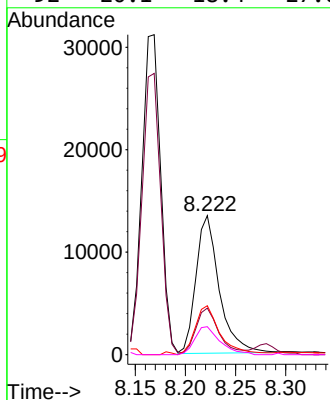
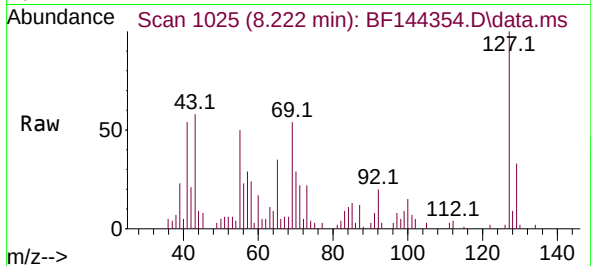




#33
4-Chloroaniline
Concen: 7.110 ng
RT: 8.222 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

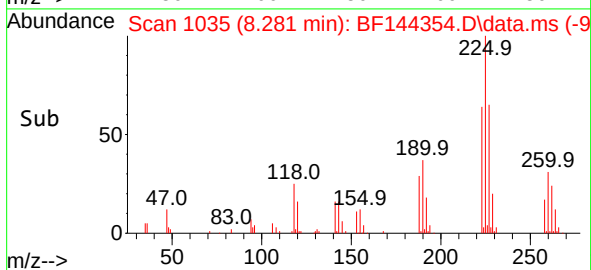
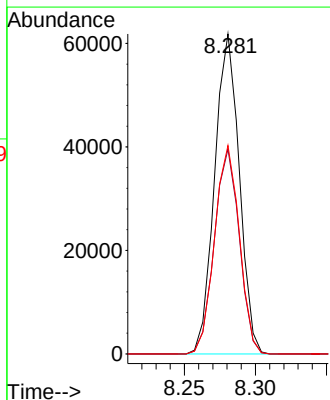
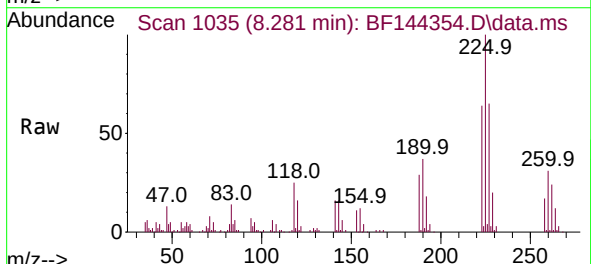
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

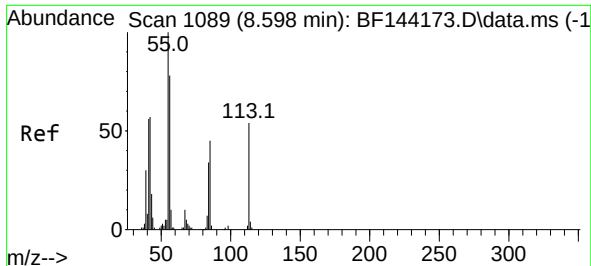
Tgt Ion:127	Resp:	21686
Ion	Ratio	Lower Upper
127	100	
129	33.5	25.3 37.9
65	35.2	27.6 41.4
92	20.1	18.4 27.6



#34
Hexachlorobutadiene
Concen: 34.141 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:225	Resp:	74677
Ion	Ratio	Lower Upper
225	100	
223	64.0	50.2 75.4
227	65.1	50.1 75.1

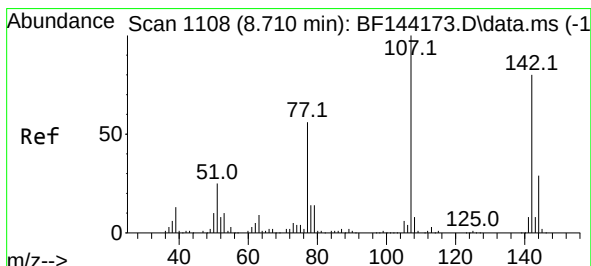
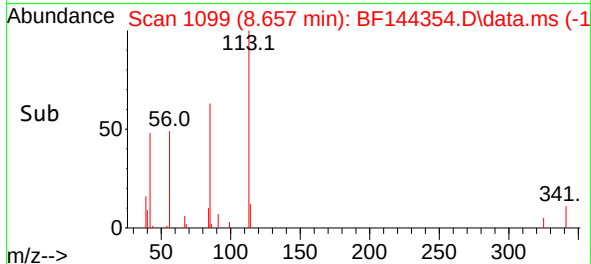
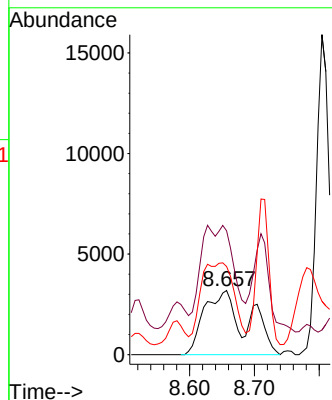
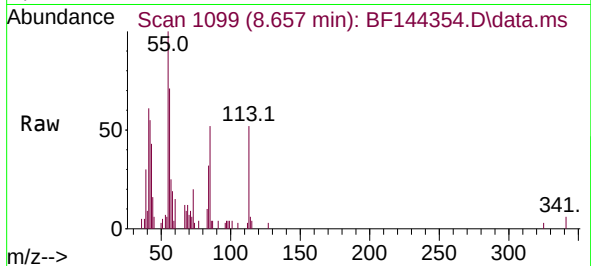




#35
Caprolactam
Concen: 18.758 ng m
RT: 8.657 min Scan# 1089
Delta R.T. 0.035 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

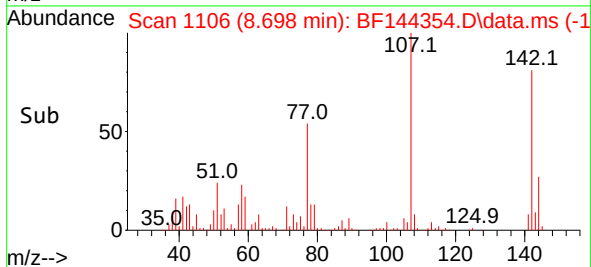
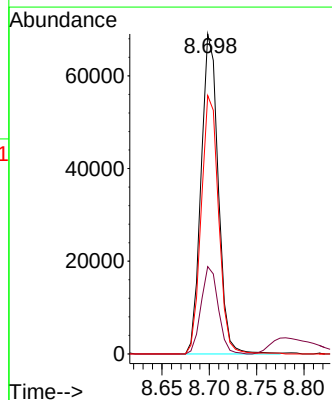
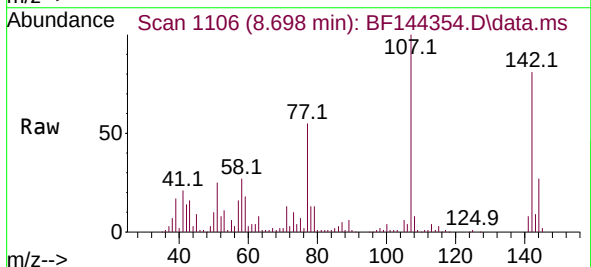
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

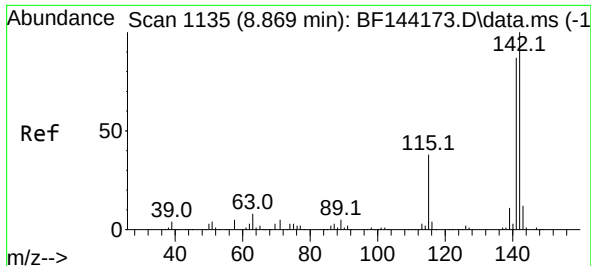
Tgt Ion:113 Resp: 14525
Ion Ratio Lower Upper
113 100
55 193.1 166.8 206.8
56 137.4 125.9 165.9



#36
4-Chloro-3-methylphenol
Concen: 34.344 ng
RT: 8.698 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:107 Resp: 86994
Ion Ratio Lower Upper
107 100
144 27.3 23.3 34.9
142 80.7 63.8 95.6





#37

2-Methylnaphthalene

Concen: 36.790 ng

RT: 8.857 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

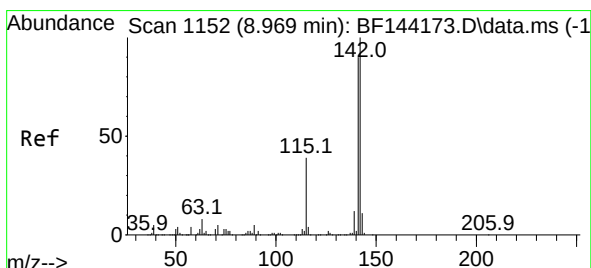
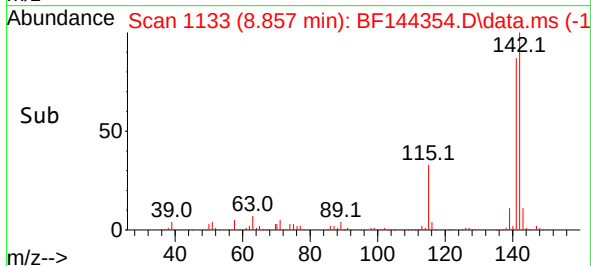
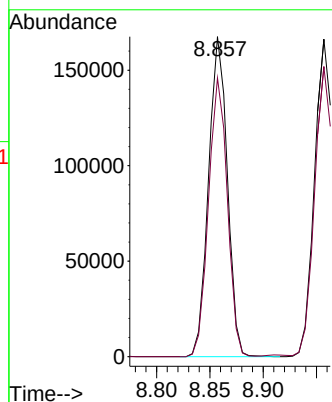
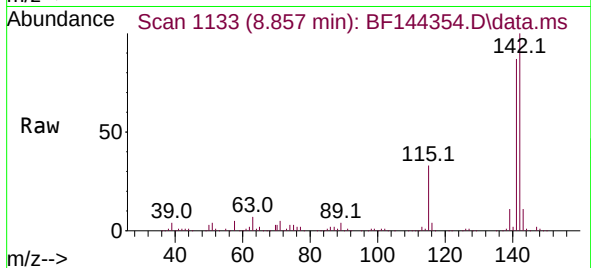
EFF-WWMSD

Tgt Ion:142 Resp: 205714

Ion Ratio Lower Upper

142 100

141 87.1 69.9 104.9



#38

1-Methylnaphthalene

Concen: 38.179 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF144354.D

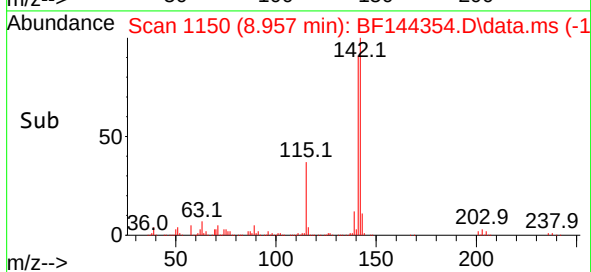
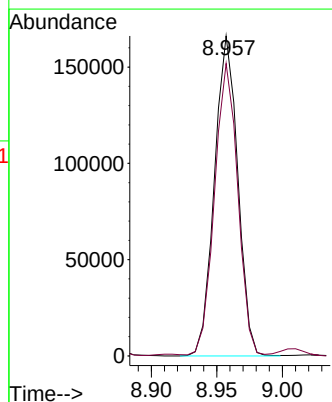
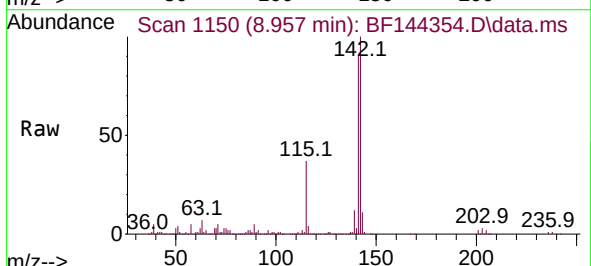
Acq: 25 Nov 2025 17:14

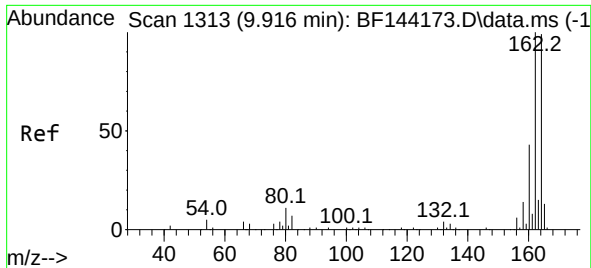
Tgt Ion:142 Resp: 205986

Ion Ratio Lower Upper

142 100

141 91.4 72.1 108.1

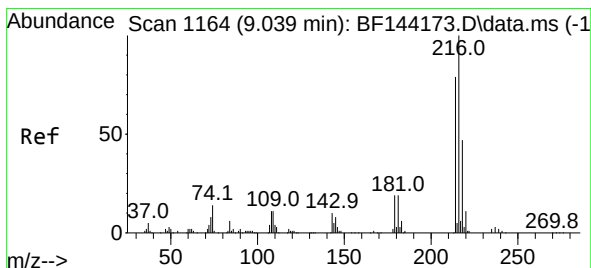
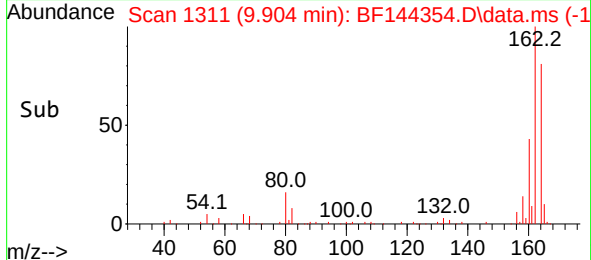
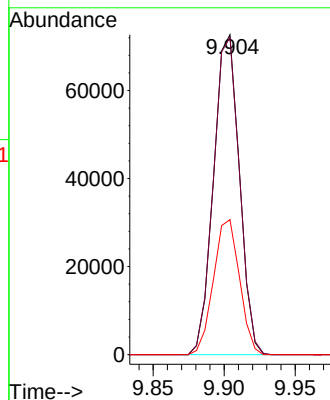
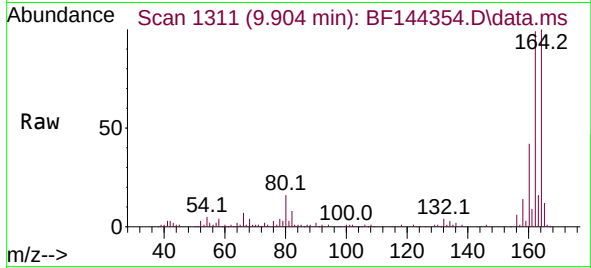




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1313
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

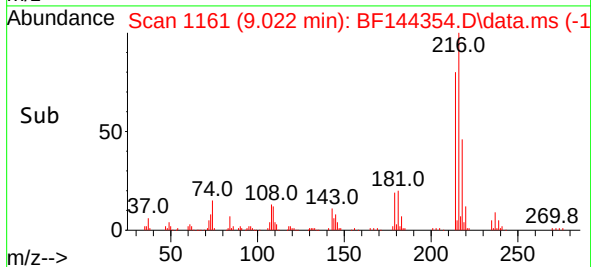
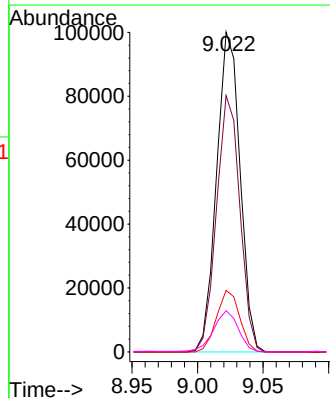
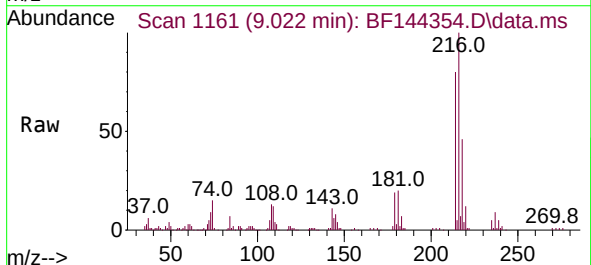
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

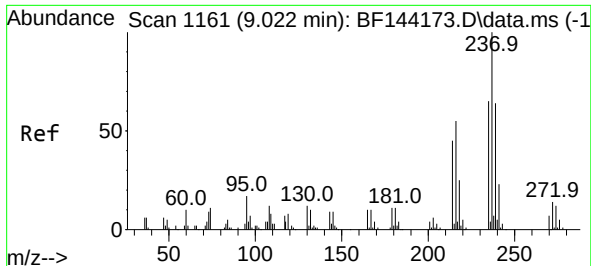
Tgt Ion:164 Resp: 91917
Ion Ratio Lower Upper
164 100
162 99.1 81.1 121.7
160 42.2 34.5 51.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.433 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:216 Resp: 124813
Ion Ratio Lower Upper
216 100
214 79.6 63.4 95.2
179 18.9 15.0 22.4
108 13.7 10.5 15.7

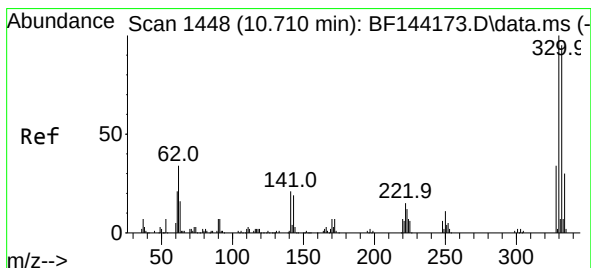
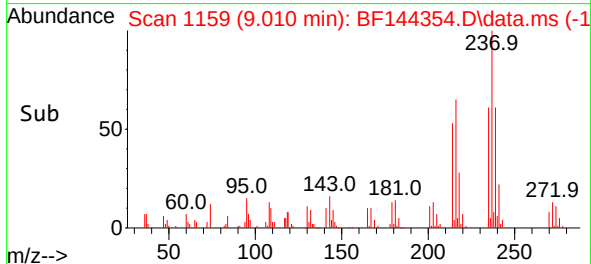
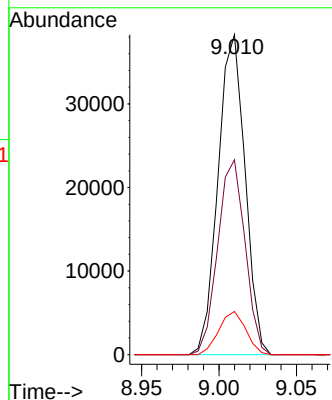
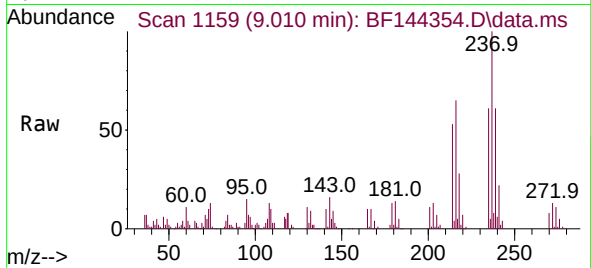




#41
Hexachlorocyclopentadiene
Concen: 47.724 ng
RT: 9.010 min Scan# 1161
Delta R.T. -0.018 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

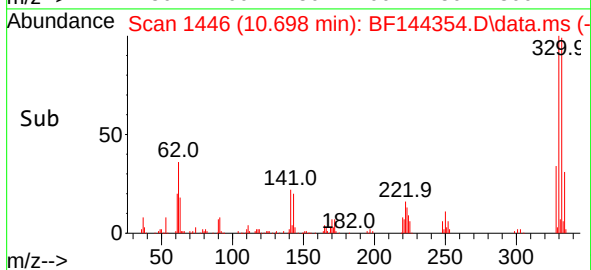
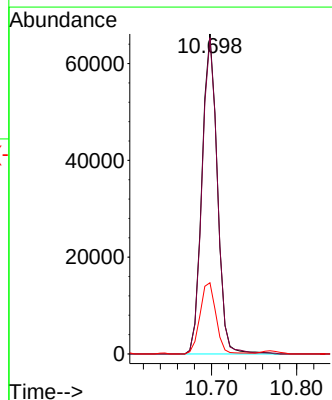
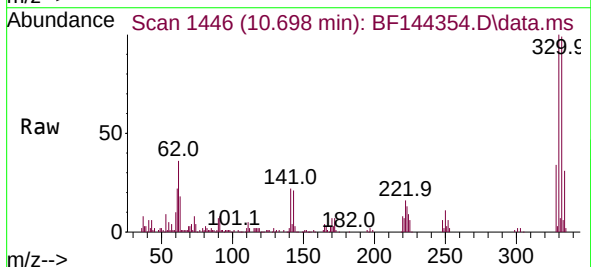
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

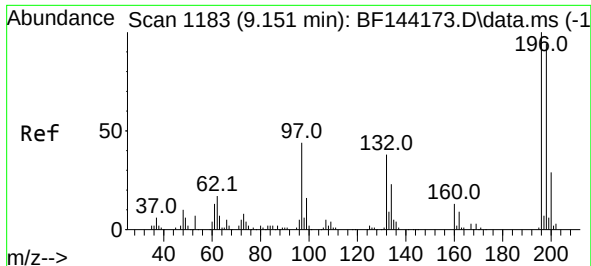
Tgt Ion:237 Resp: 46514
Ion Ratio Lower Upper
237 100
235 60.9 45.5 85.5
272 13.5 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 71.517 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:330 Resp: 82491
Ion Ratio Lower Upper
330 100
332 98.8 76.7 115.1
141 23.2 17.8 26.8

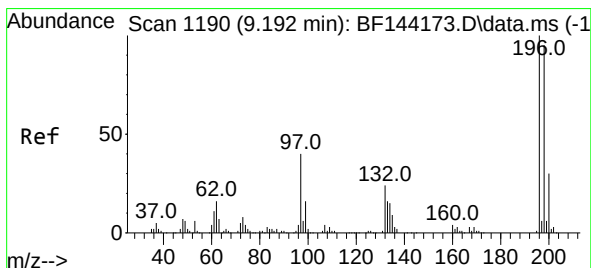
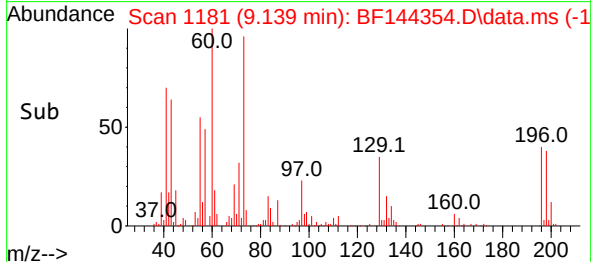
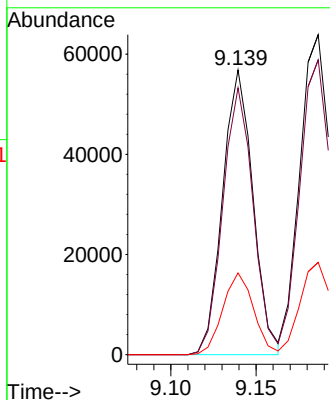
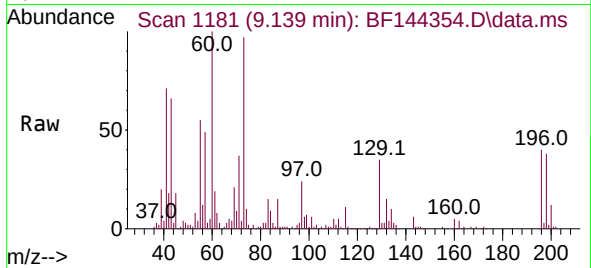




#43
 2,4,6-Trichlorophenol
 Concen: 34.401 ng
 RT: 9.139 min Scan# 1181
 Delta R.T. -0.012 min
 Lab File: BF144354.D
 Acq: 25 Nov 2025 17:14

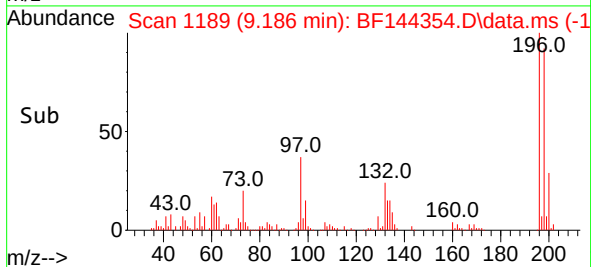
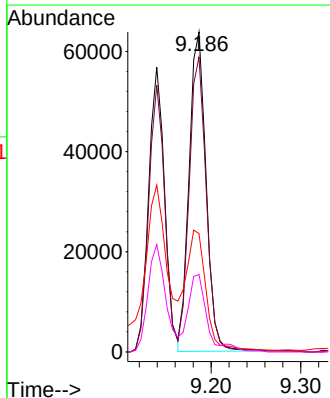
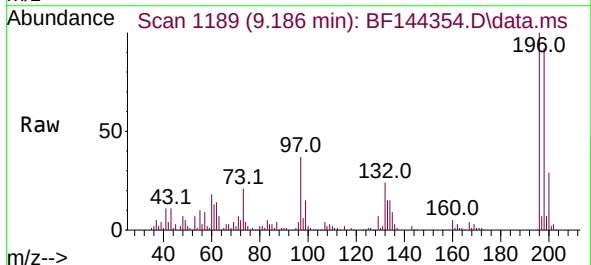
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWMSD

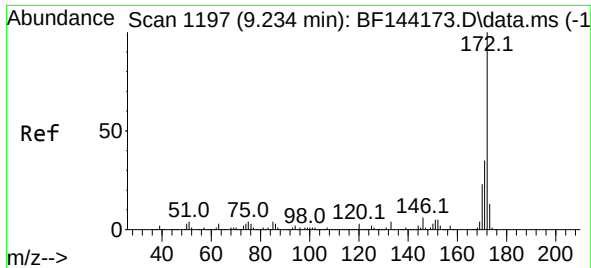
Tgt Ion:196 Resp: 70532
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.3 112.9
 200 28.7 23.4 35.2



#44
 2,4,5-Trichlorophenol
 Concen: 37.954 ng
 RT: 9.186 min Scan# 1189
 Delta R.T. -0.006 min
 Lab File: BF144354.D
 Acq: 25 Nov 2025 17:14

Tgt Ion:196 Resp: 83869
 Ion Ratio Lower Upper
 196 100
 198 92.1 76.1 114.1
 97 37.0 31.9 47.9
 132 24.2 19.4 29.2

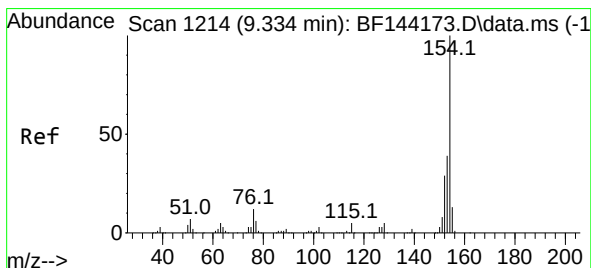
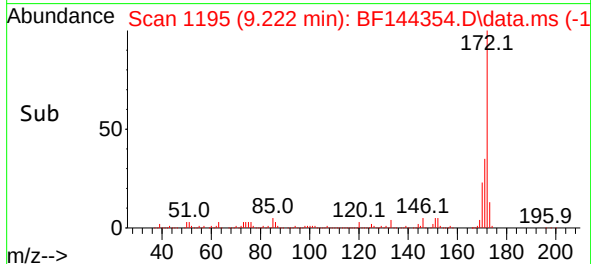
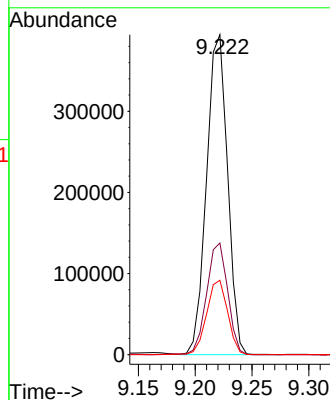
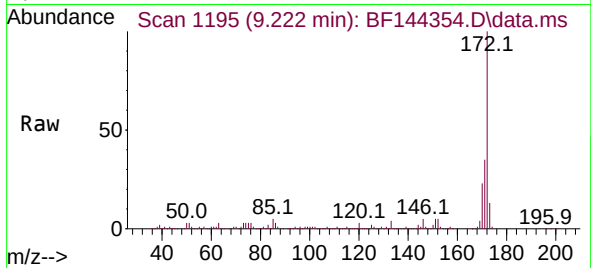




#45
2-Fluorobiphenyl
Concen: 81.662 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

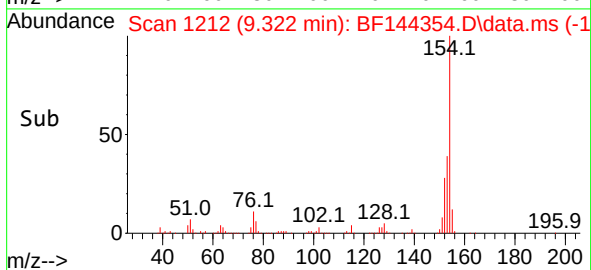
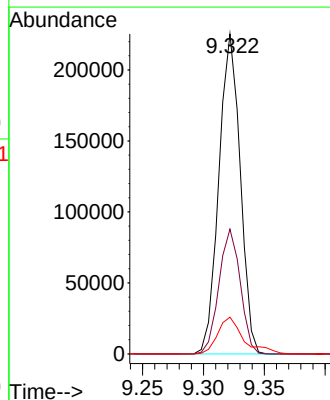
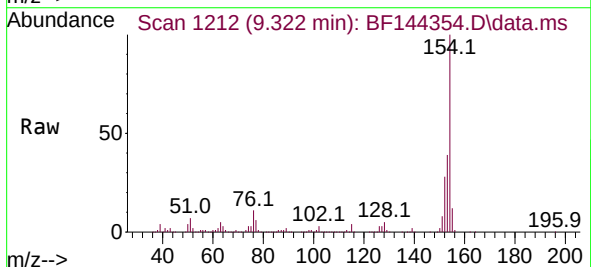
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

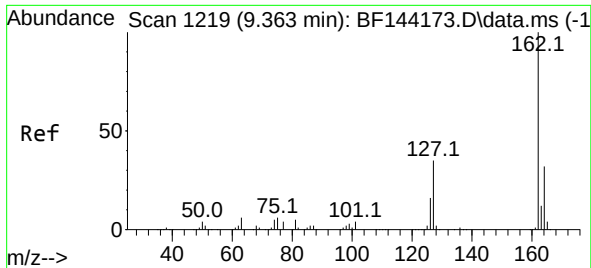
Tgt Ion:172 Resp: 508224
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 42.760 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:154 Resp: 274352
Ion Ratio Lower Upper
154 100
153 39.0 19.2 59.2
76 11.5 0.0 31.8





#47

2-Chloronaphthalene

Concen: 41.654 ng

RT: 9.345 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

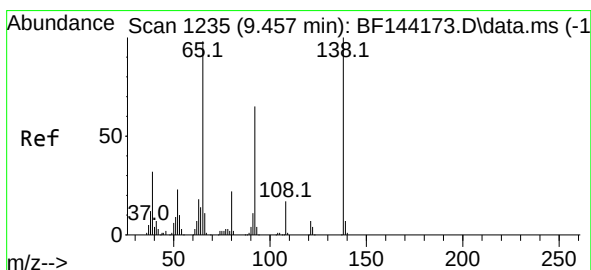
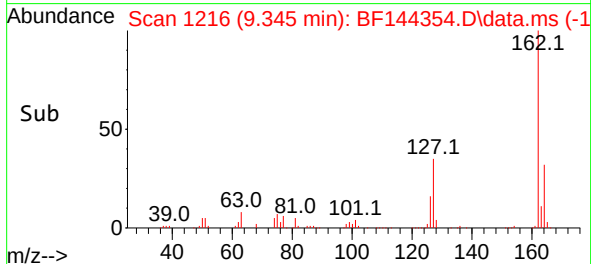
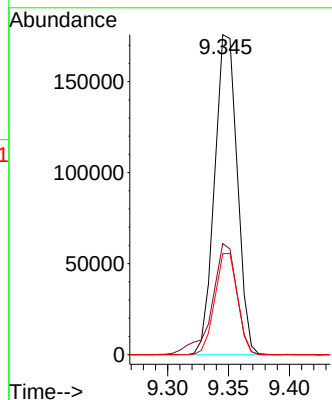
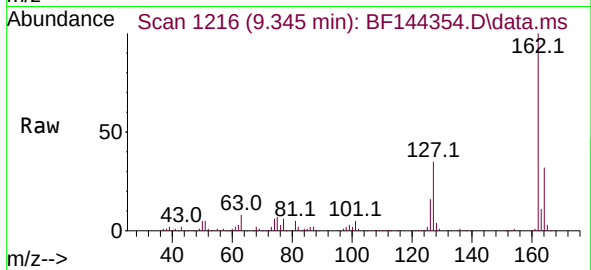
Tgt Ion:162 Resp: 227971

Ion Ratio Lower Upper

162 100

127 34.7 28.8 43.2

164 31.5 25.8 38.8



#48

2-Nitroaniline

Concen: 41.759 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

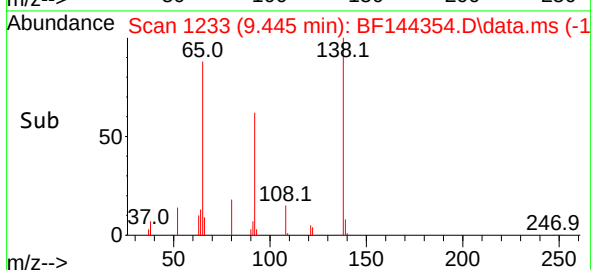
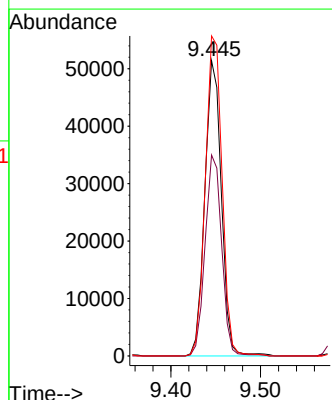
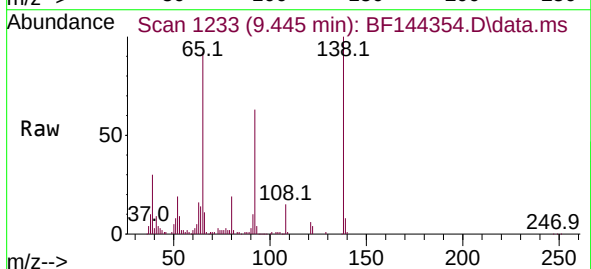
Tgt Ion: 65 Resp: 65944

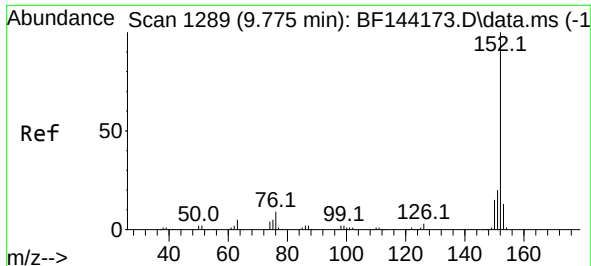
Ion Ratio Lower Upper

65 100

92 68.1 53.0 79.6

138 108.4 81.6 122.4

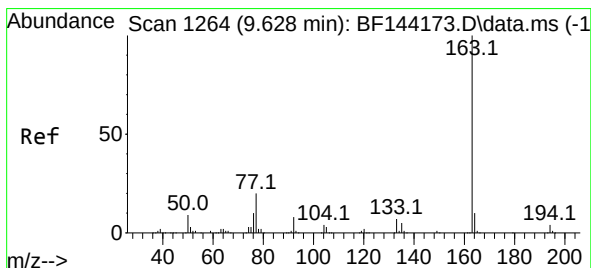
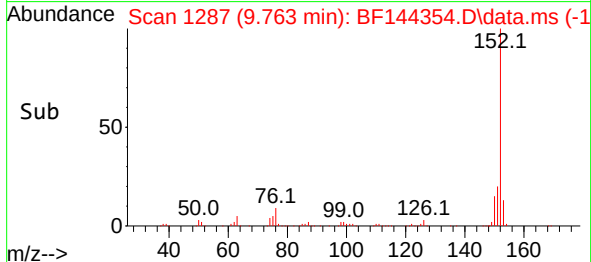
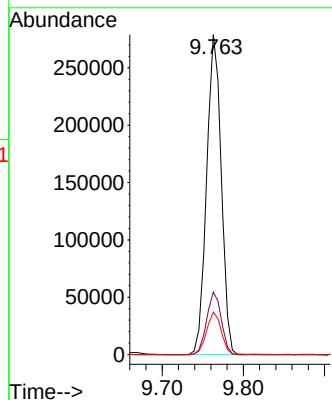
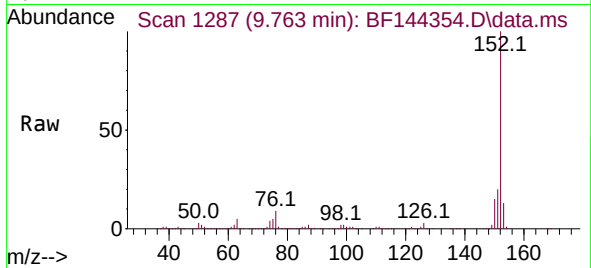




#49
Acenaphthylene
Concen: 46.918 ng
RT: 9.763 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

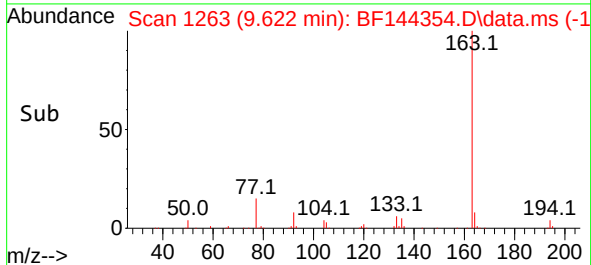
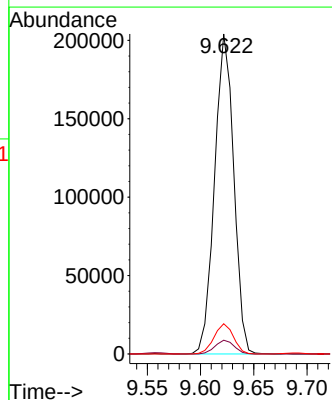
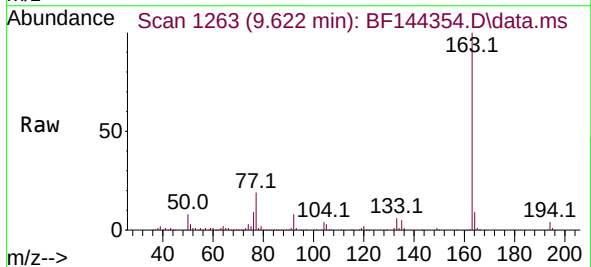
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

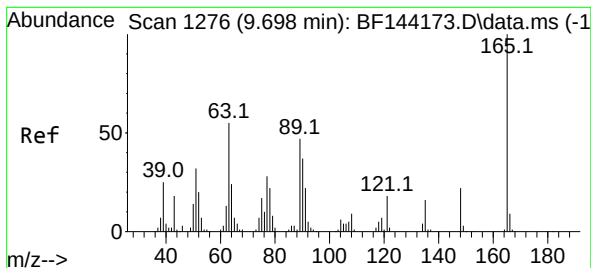
Tgt Ion:152 Resp: 349921
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 13.2 10.5 15.7



#50
Dimethylphthalate
Concen: 42.020 ng
RT: 9.622 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:163 Resp: 255876
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 9.4 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 44.029 ng

RT: 9.686 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

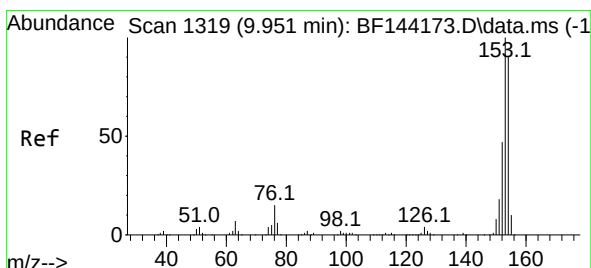
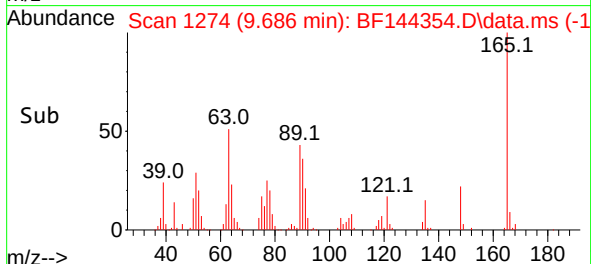
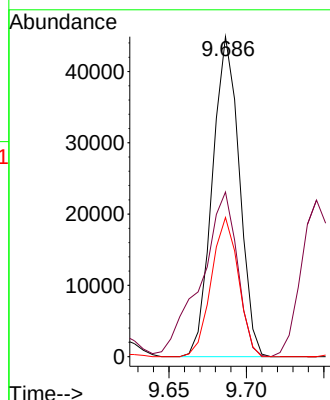
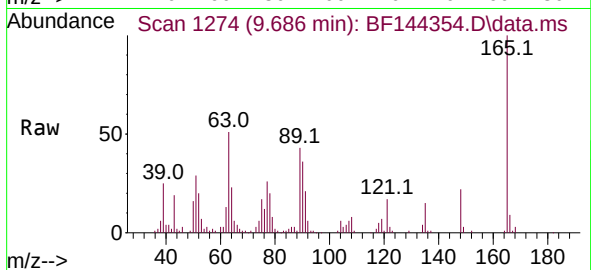
Tgt Ion:165 Resp: 54274

Ion Ratio Lower Upper

165 100

63 51.4 43.8 65.8

89 43.5 37.5 56.3



#52

Acenaphthene

Concen: 37.850 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

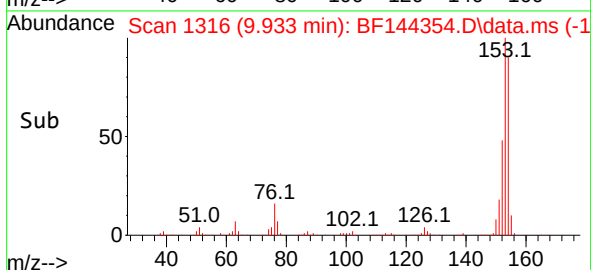
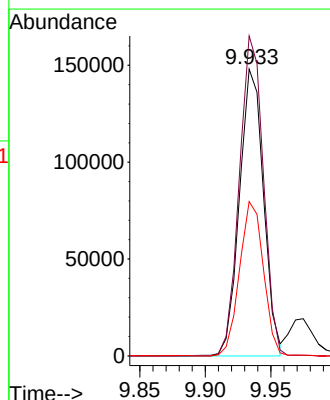
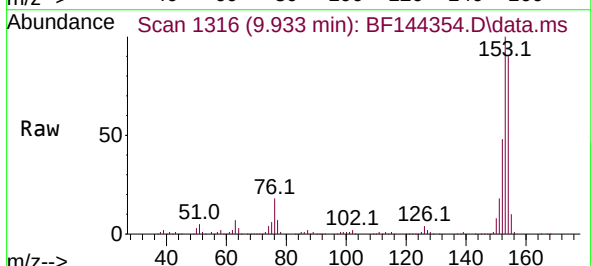
Tgt Ion:154 Resp: 188774

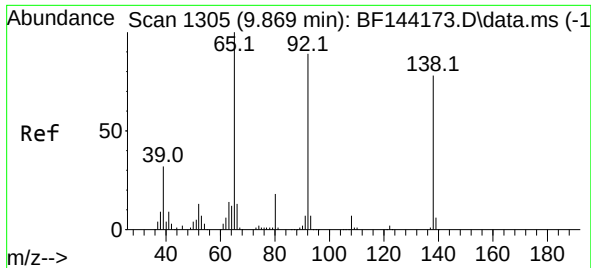
Ion Ratio Lower Upper

154 100

153 111.6 89.0 133.4

152 53.8 42.2 63.4

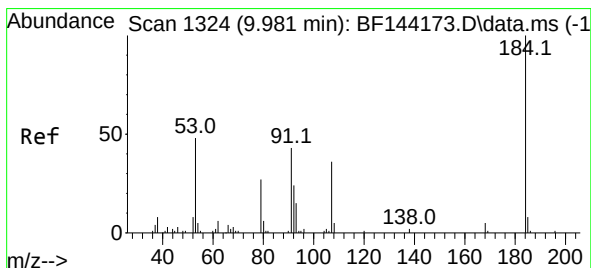
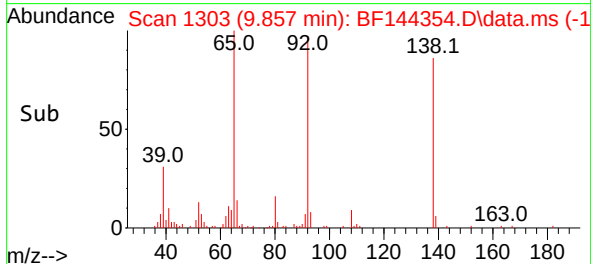
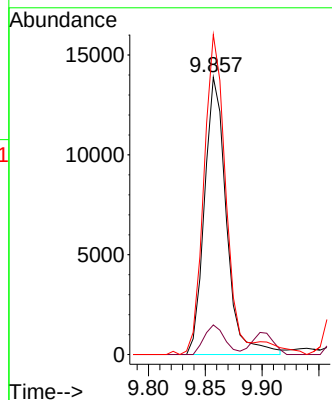
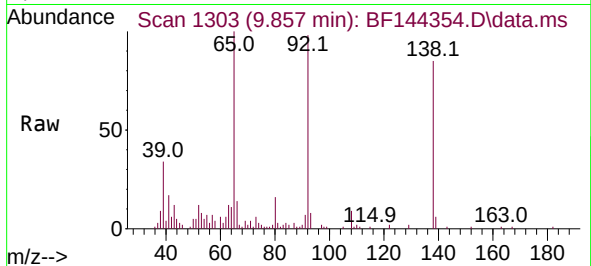




#53
3-Nitroaniline
Concen: 13.858 ng
RT: 9.857 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

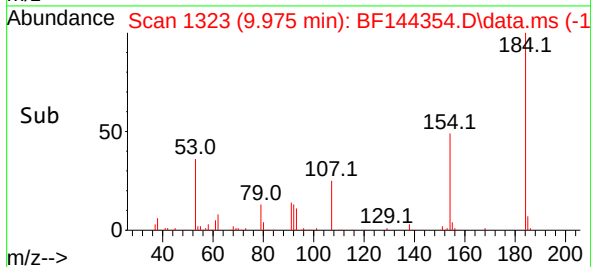
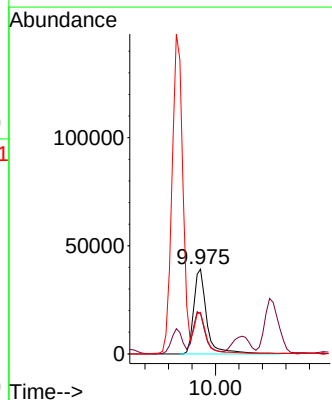
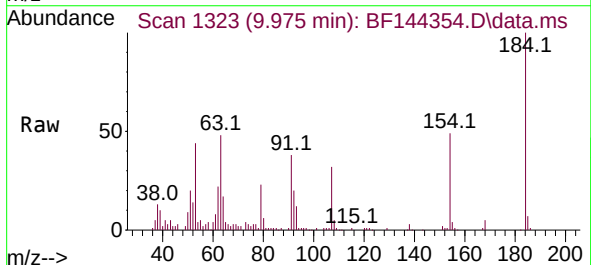
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

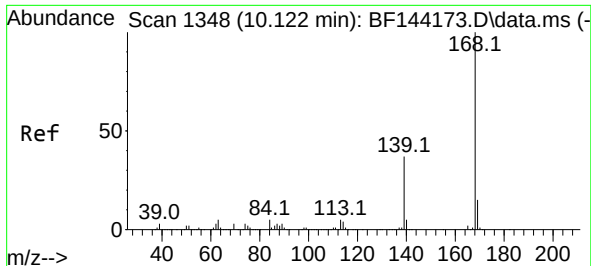
Tgt Ion:138 Resp: 18673
Ion Ratio Lower Upper
138 100
108 10.7 7.5 11.3
92 115.4 91.8 137.6



#54
2,4-Dinitrophenol
Concen: 80.545 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:184 Resp: 59954
Ion Ratio Lower Upper
184 100
63 47.5 44.0 66.0
154 48.9 42.4 63.6

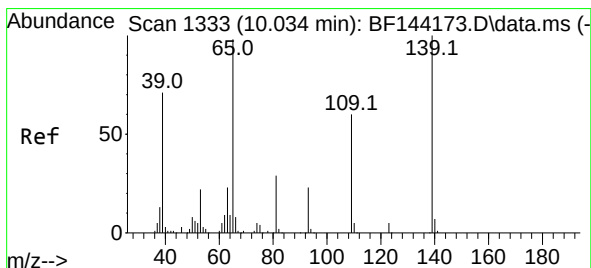
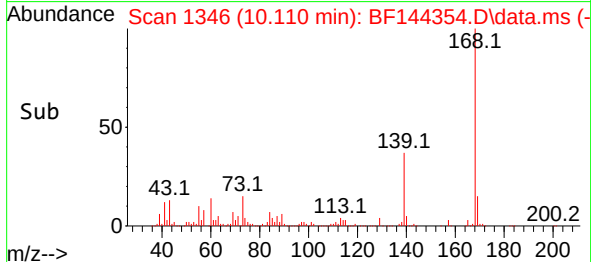
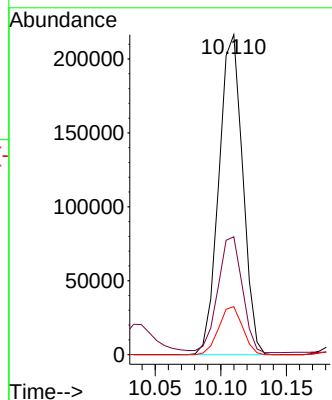
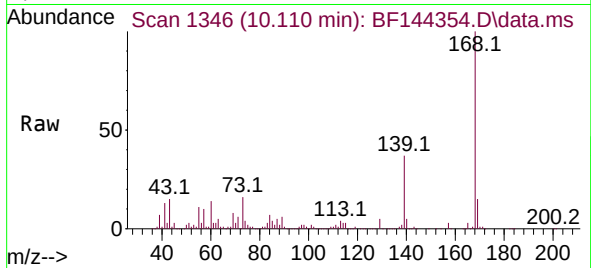




#55
Dibenzenofuran
Concen: 39.193 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

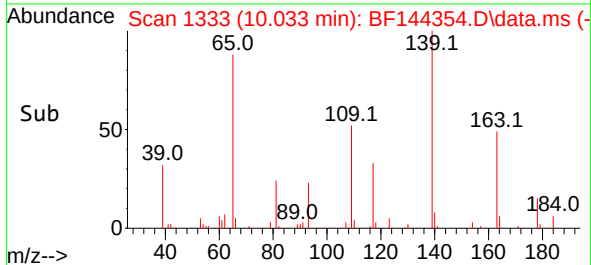
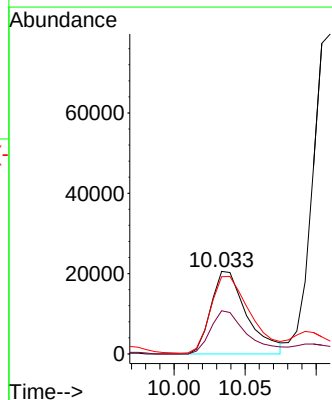
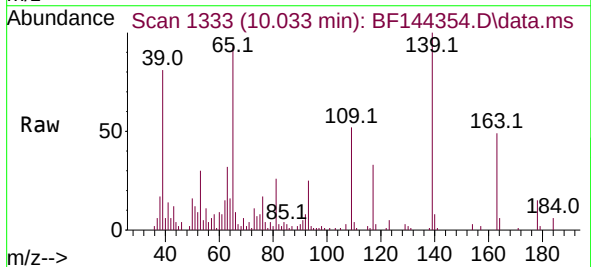
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

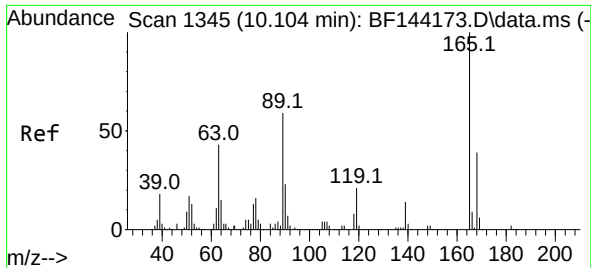
Tgt Ion:168 Resp: 273768
Ion Ratio Lower Upper
168 100
139 36.8 30.2 45.2
169 15.0 12.2 18.4



#56
4-Nitrophenol
Concen: 37.249 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:139 Resp: 36308
Ion Ratio Lower Upper
139 100
109 52.2 39.9 79.9
65 93.5 79.5 119.5

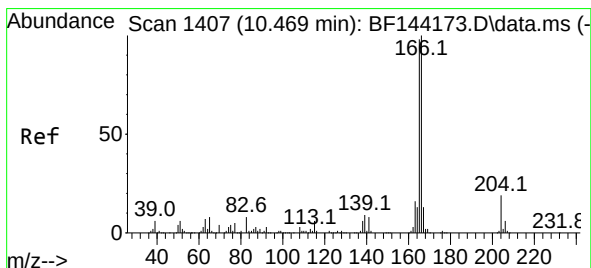
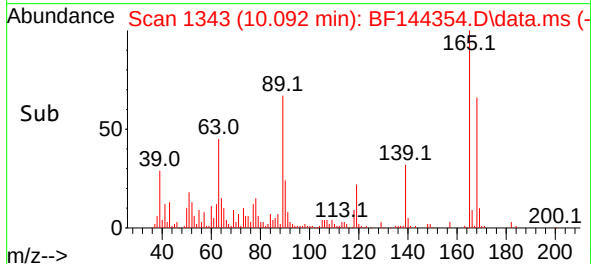
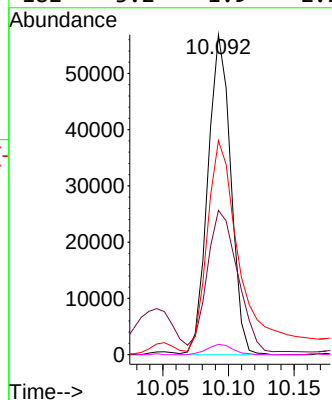
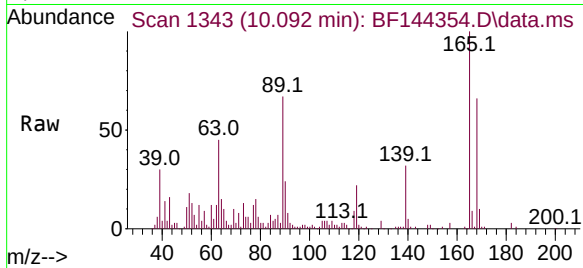




#57
2,4-Dinitrotoluene
Concen: 41.808 ng
RT: 10.092 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

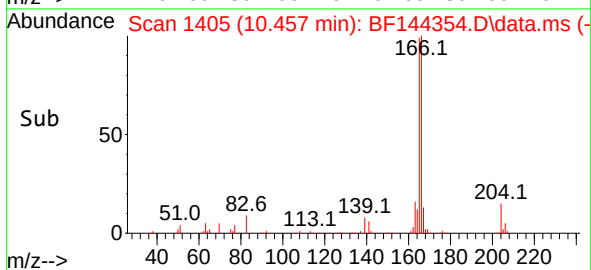
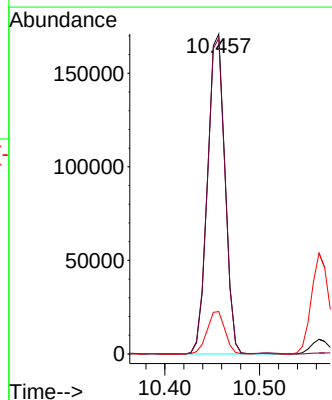
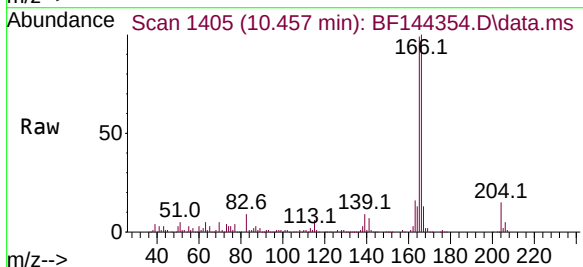
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

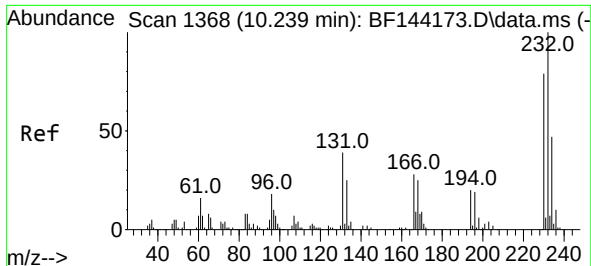
Tgt Ion:165 Resp: 68990
Ion Ratio Lower Upper
165 100
63 45.1 35.5 53.3
89 66.9 47.4 71.2
182 3.2 1.9 2.9#



#58
Fluorene
Concen: 41.134 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:166 Resp: 218454
Ion Ratio Lower Upper
166 100
165 98.6 78.6 118.0
167 13.2 10.4 15.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 26.833 ng

RT: 10.233 min Scan# 1367

Delta R.T. -0.006 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

Tgt Ion:232 Resp: 41952

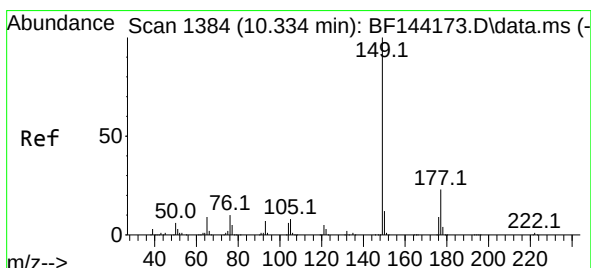
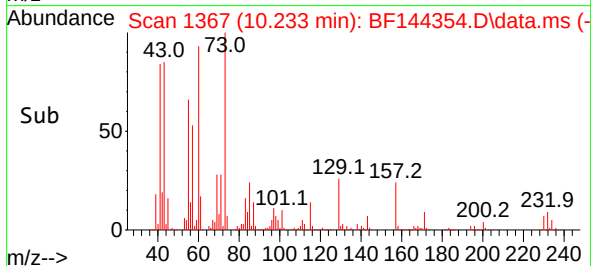
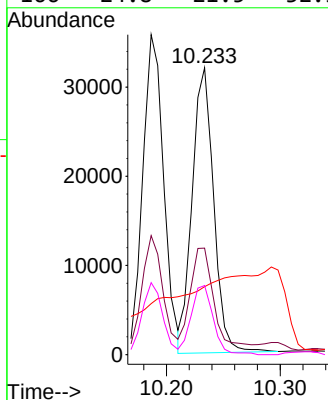
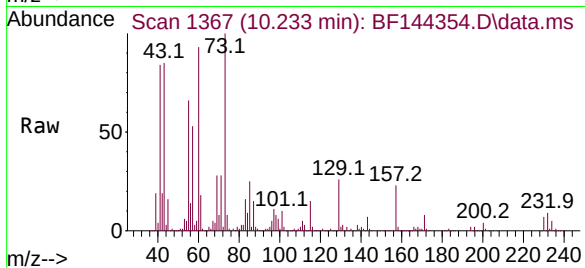
Ion Ratio Lower Upper

232 100

131 35.4 30.3 45.5

130 0.0 1.2 1.8#

166 24.8 21.5 32.3



#60

Diethylphthalate

Concen: 40.061 ng

RT: 10.328 min Scan# 1383

Delta R.T. -0.000 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

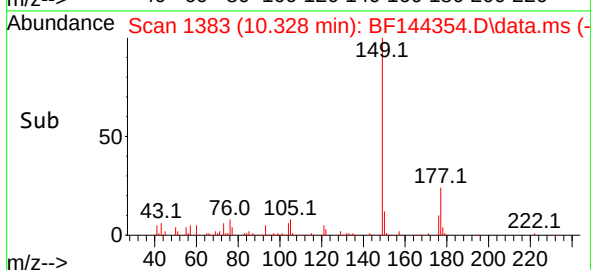
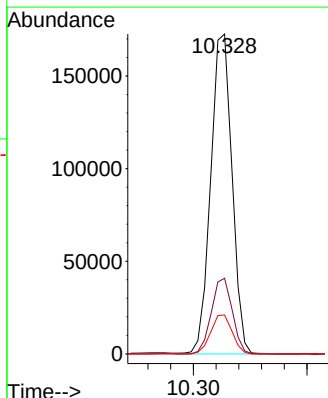
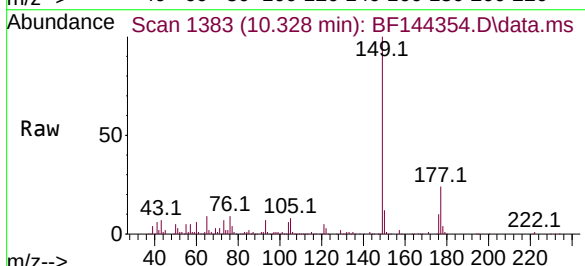
Tgt Ion:149 Resp: 224882

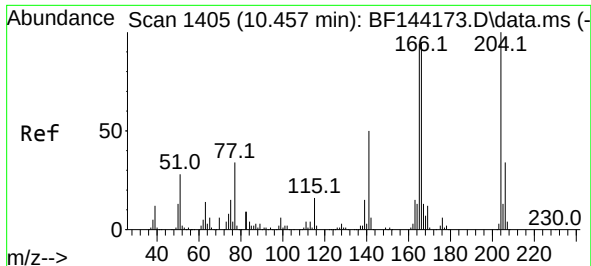
Ion Ratio Lower Upper

149 100

177 23.6 18.3 27.5

150 12.2 9.8 14.6

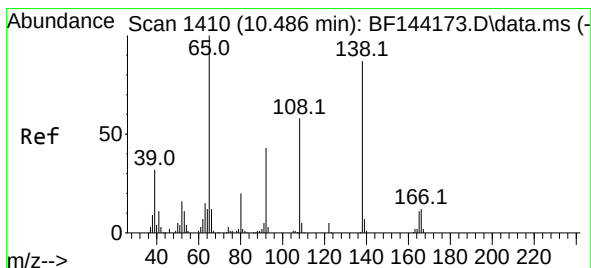
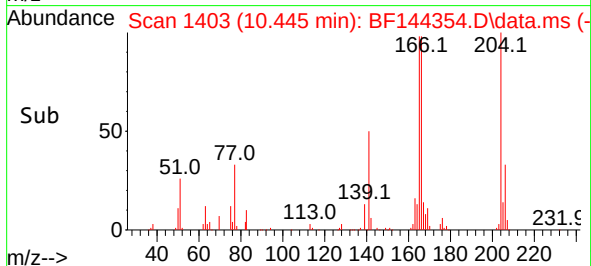
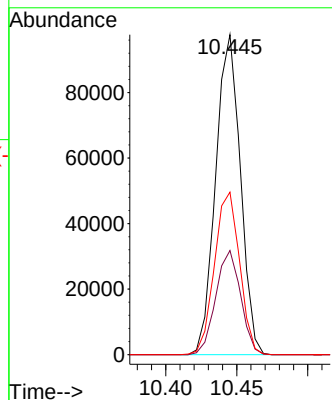
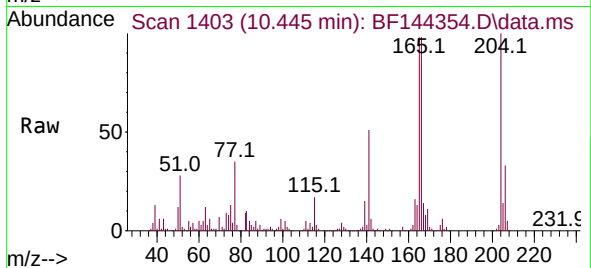




#61
4-Chlorophenyl-phenylether
Concen: 39.074 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

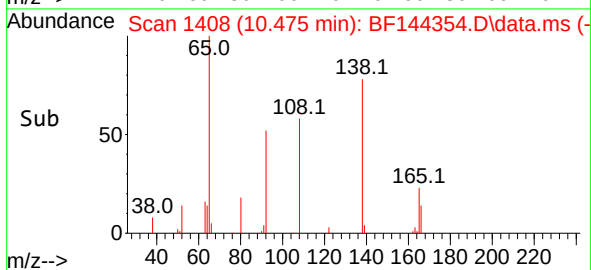
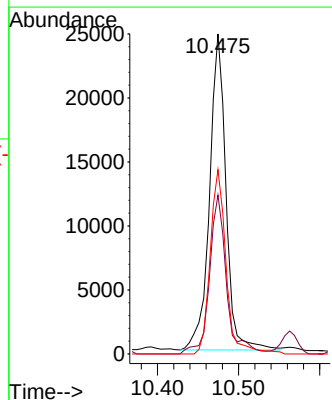
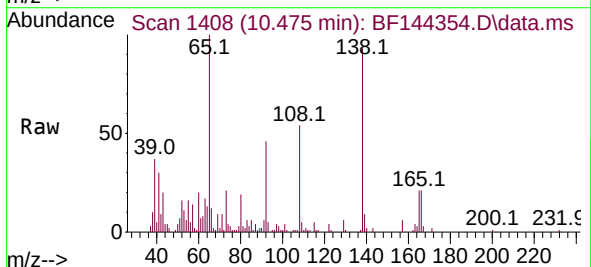
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

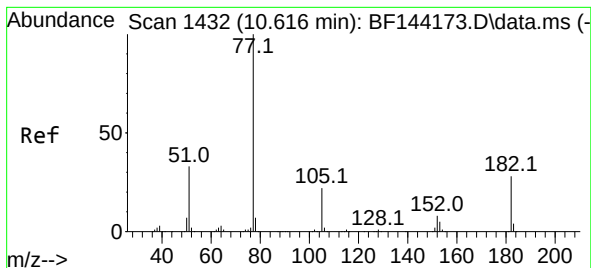
Tgt Ion:204 Resp: 118206
Ion Ratio Lower Upper
204 100
206 32.5 27.4 41.2
141 50.8 40.0 60.0



#62
4-Nitroaniline
Concen: 27.157 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:138 Resp: 34849
Ion Ratio Lower Upper
138 100
92 49.6 29.4 69.4
108 57.6 46.4 86.4





#63

Azobenzene

Concen: 43.466 ng

RT: 10.604 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

Tgt Ion: 77 Resp: 227078

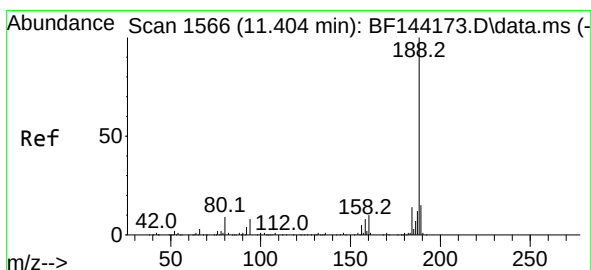
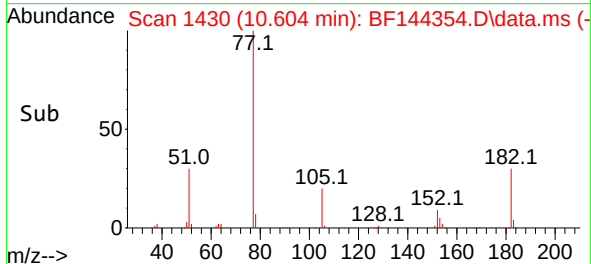
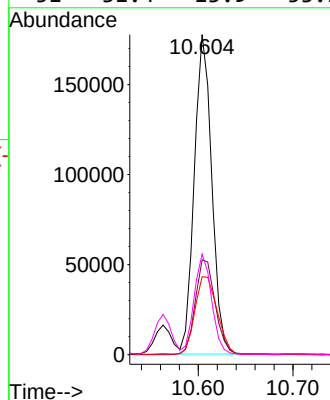
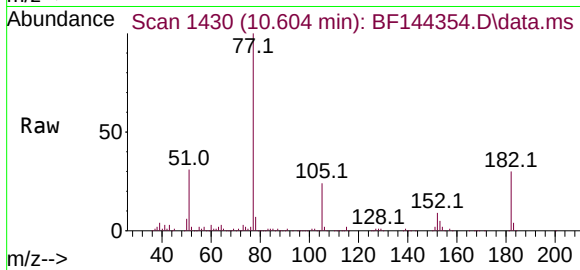
Ion Ratio Lower Upper

77 100

182 29.6 8.1 48.1

105 24.3 2.0 42.0

51 31.4 13.9 53.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1564

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

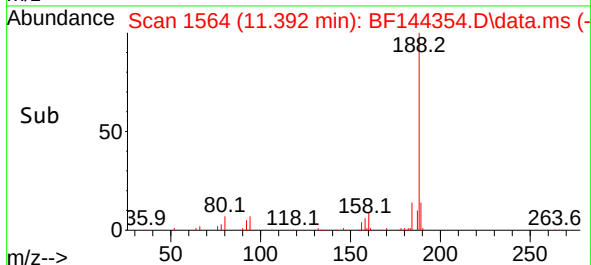
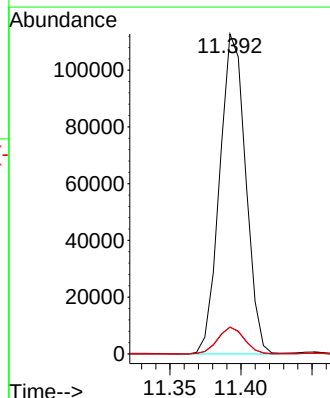
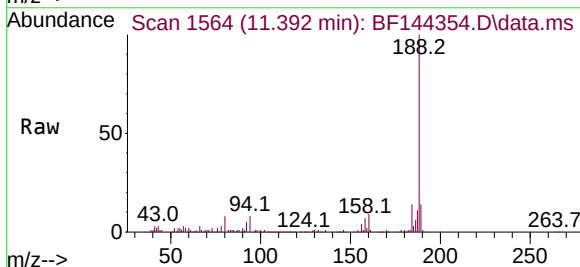
Tgt Ion: 188 Resp: 143744

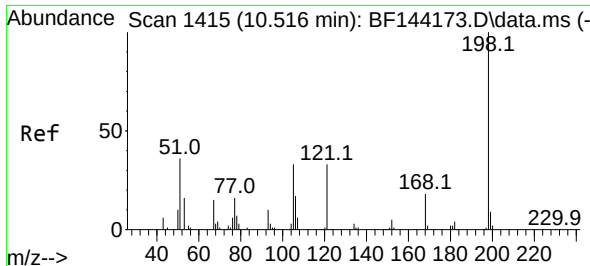
Ion Ratio Lower Upper

188 100

94 8.4 6.2 9.2

80 8.4 6.9 10.3

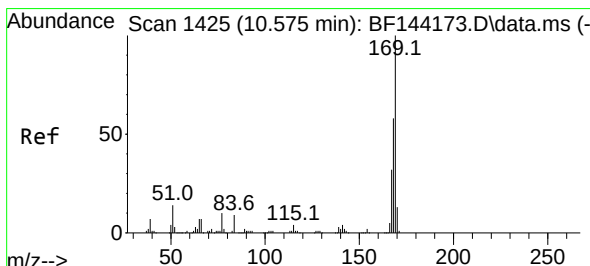
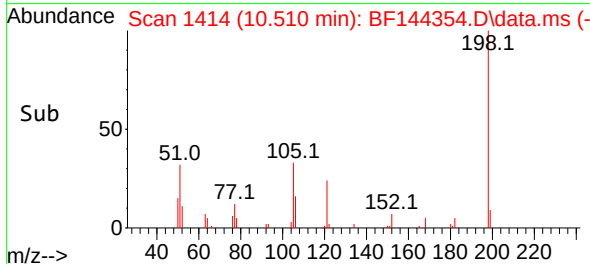
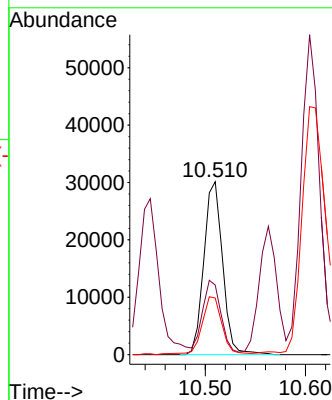
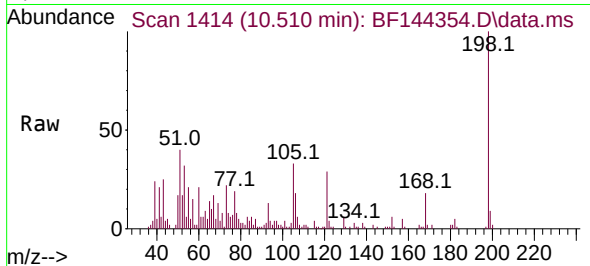




#65
4,6-Dinitro-2-methylphenol
Concen: 40.032 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

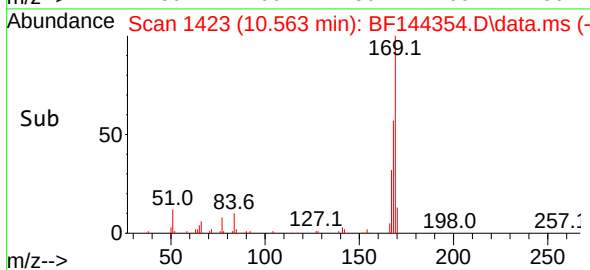
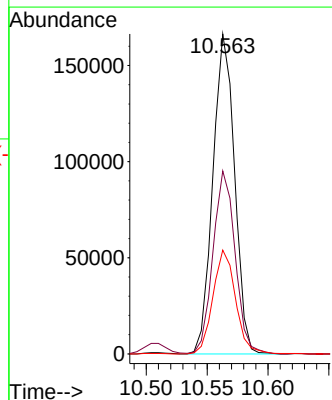
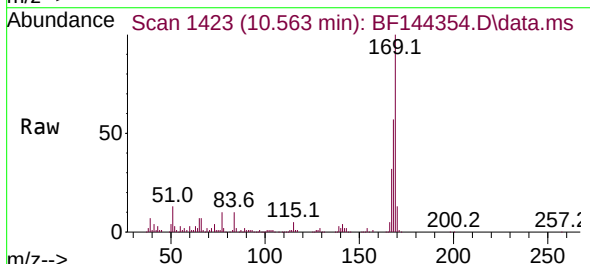
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

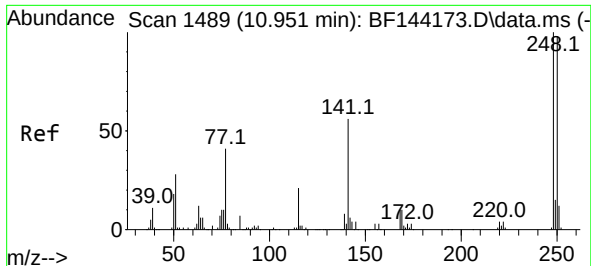
Tgt Ion:198 Resp: 39092
Ion Ratio Lower Upper
198 100
51 40.2 25.6 65.6
105 32.7 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 44.666 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:169 Resp: 206497
Ion Ratio Lower Upper
169 100
168 57.2 46.2 69.2
167 32.4 25.7 38.5

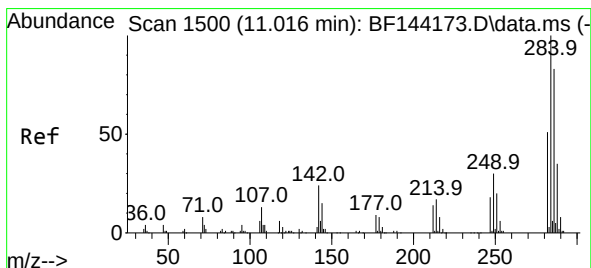
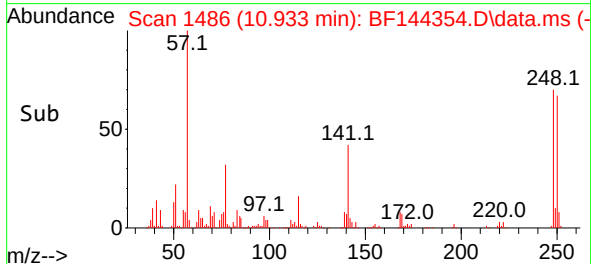
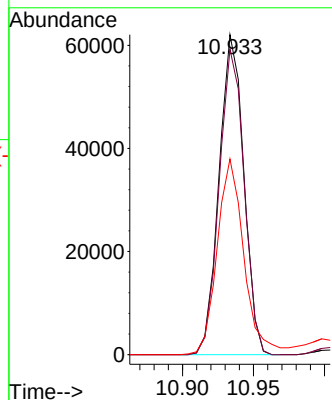
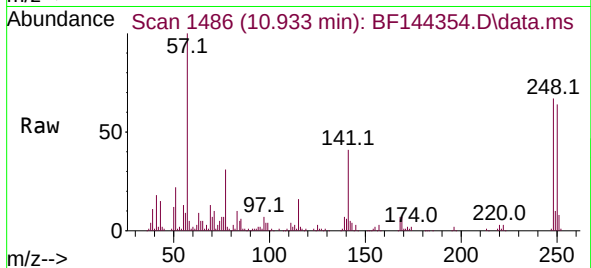




#67
4-Bromophenyl-phenylether
Concen: 41.046 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

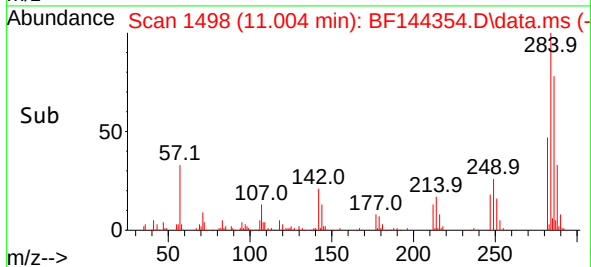
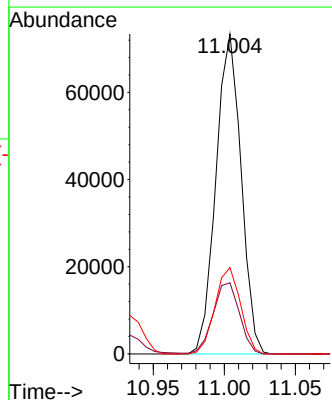
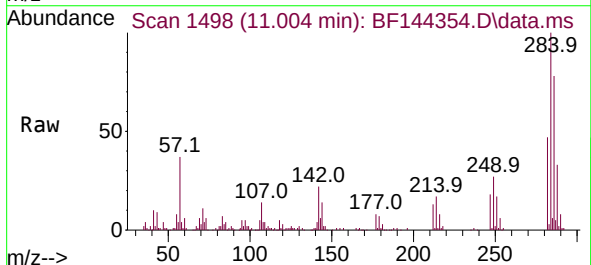
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

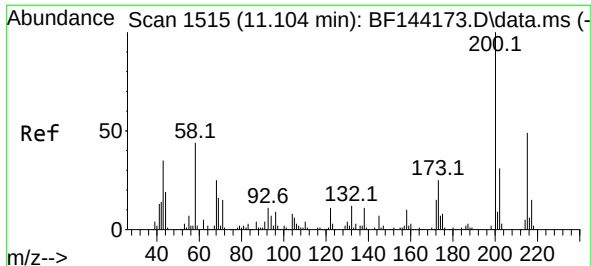
Tgt Ion:248 Resp: 75310
Ion Ratio Lower Upper
248 100
250 95.4 78.4 117.6
141 61.1 45.1 67.7



#68
Hexachlorobenzene
Concen: 41.890 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:284 Resp: 90529
Ion Ratio Lower Upper
284 100
142 22.2 19.2 28.8
249 27.0 23.8 35.8

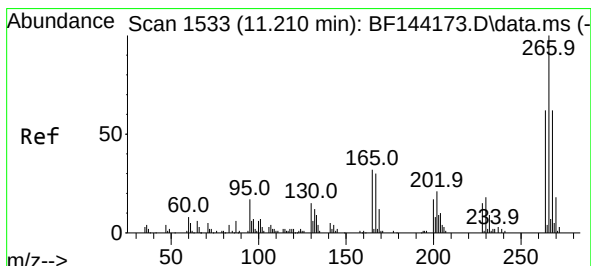
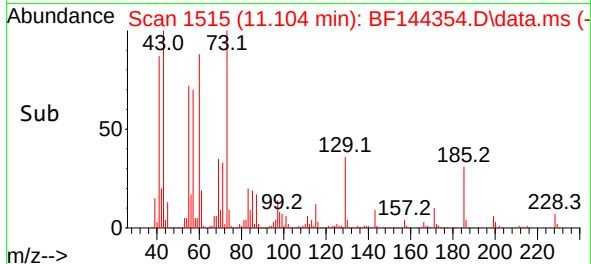
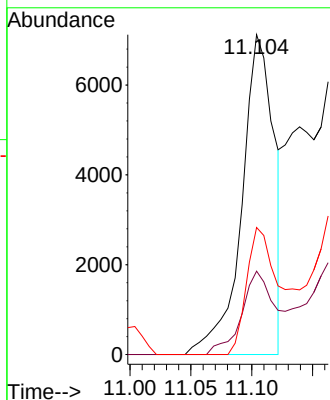
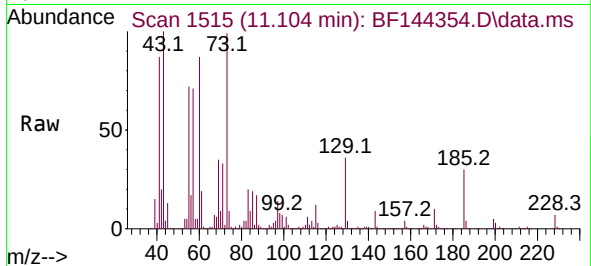




#69
 Atrazine
 Concen: 8.996 ng
 RT: 11.104 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF144354.D
 Acq: 25 Nov 2025 17:14

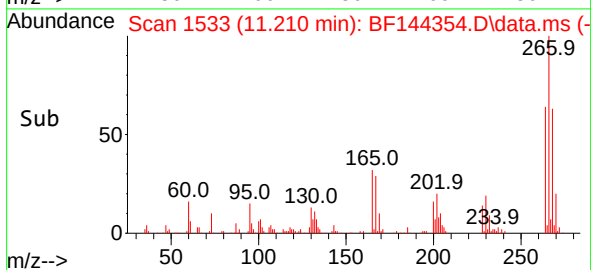
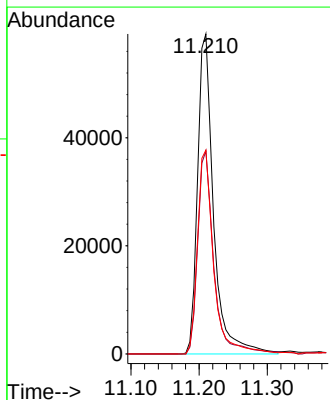
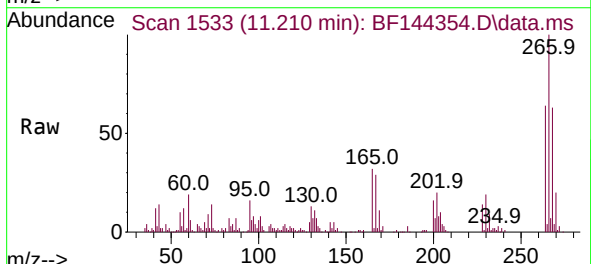
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWMSD

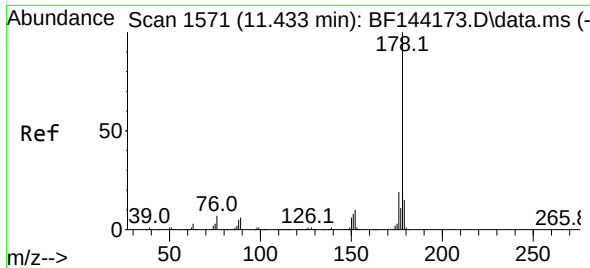
Tgt Ion:200 Resp: 13226
 Ion Ratio Lower Upper
 200 100
 173 26.1 5.0 45.0
 215 39.7 28.7 68.7



#70
 Pentachlorophenol
 Concen: 89.834 ng
 RT: 11.210 min Scan# 1533
 Delta R.T. -0.006 min
 Lab File: BF144354.D
 Acq: 25 Nov 2025 17:14

Tgt Ion:266 Resp: 96674
 Ion Ratio Lower Upper
 266 100
 268 63.4 49.5 74.3
 264 63.7 49.4 74.2

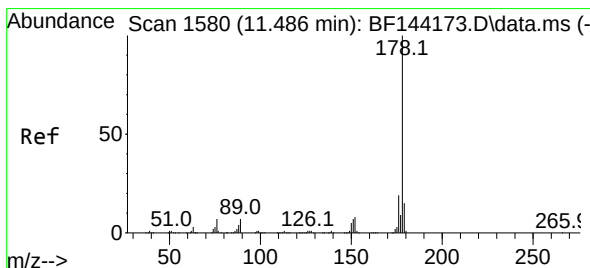
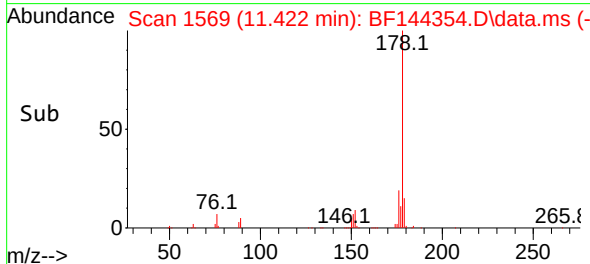
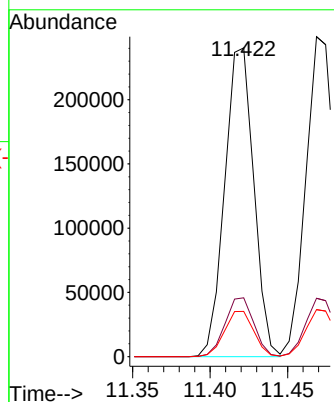
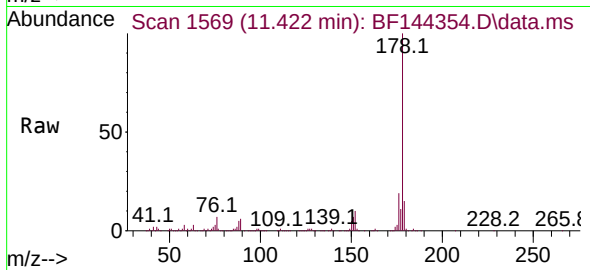




#71
Phenanthrene
Concen: 43.841 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

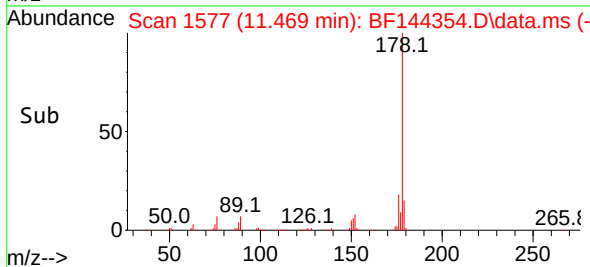
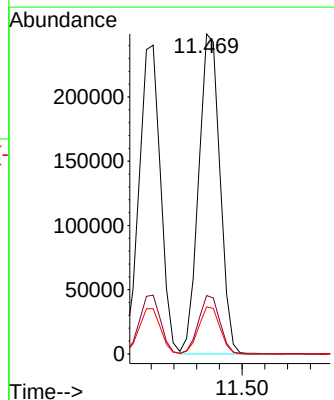
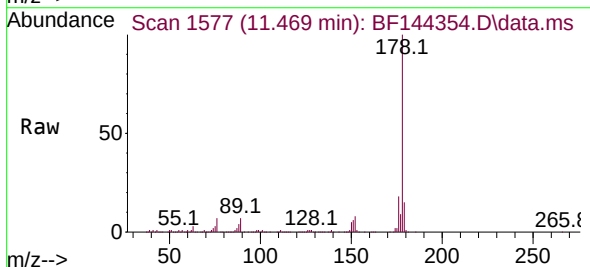
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

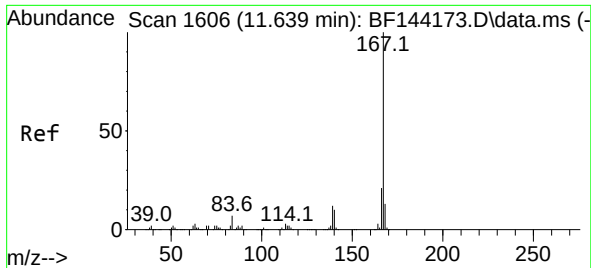
Tgt Ion:178 Resp: 313760
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 14.7 12.2 18.4



#72
Anthracene
Concen: 44.519 ng
RT: 11.469 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:178 Resp: 323975
Ion Ratio Lower Upper
178 100
176 18.2 15.3 22.9
179 14.7 12.0 18.0

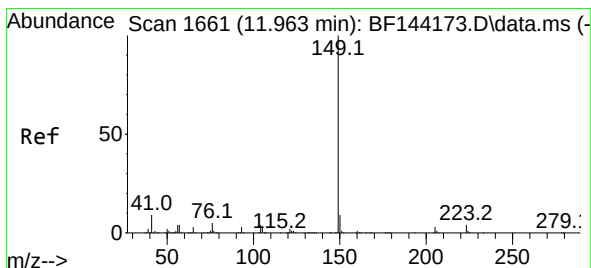
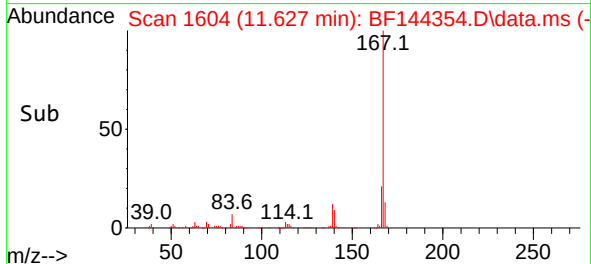
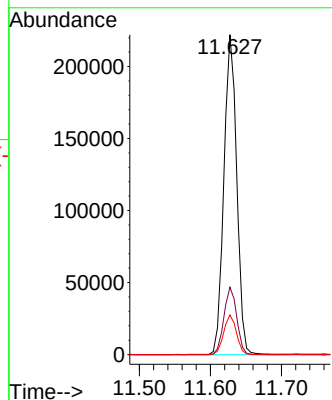
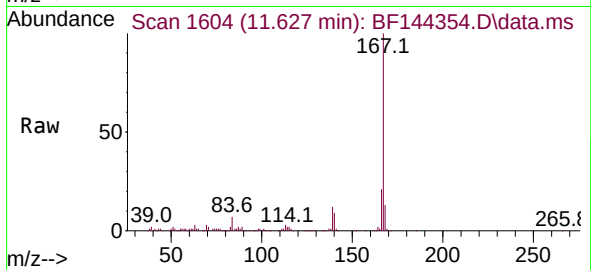




#73
Carbazole
Concen: 45.245 ng
RT: 11.627 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

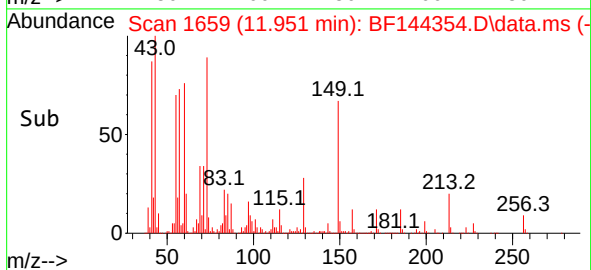
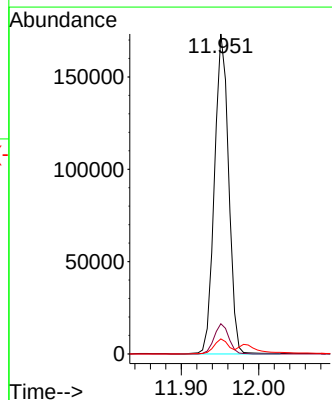
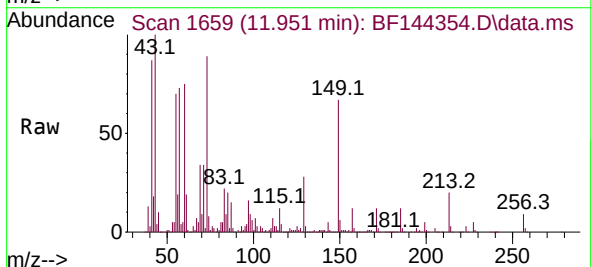
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

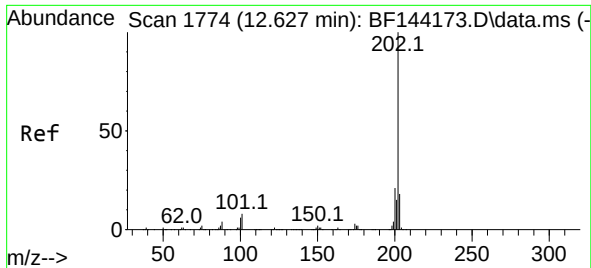
Tgt Ion:167 Resp: 279982
Ion Ratio Lower Upper
167 100
166 21.1 17.2 25.8
139 12.4 9.9 14.9



#74
Di-n-butylphthalate
Concen: 29.470 ng
RT: 11.951 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:149 Resp: 220457
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 4.7 3.4 5.2

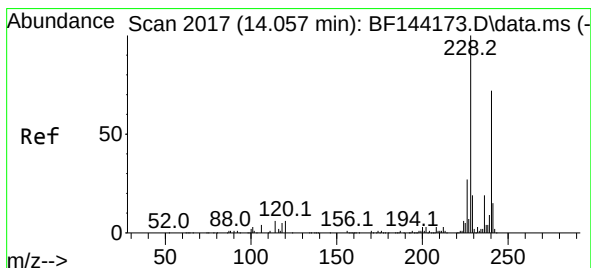
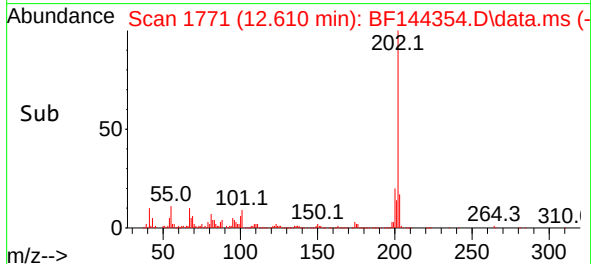
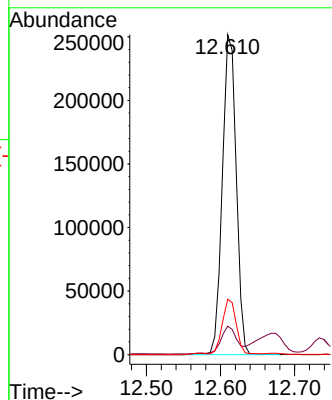
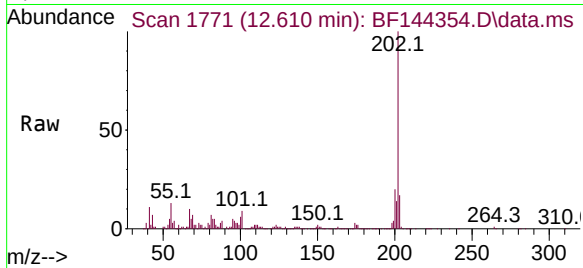




#75
Fluoranthene
Concen: 44.266 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

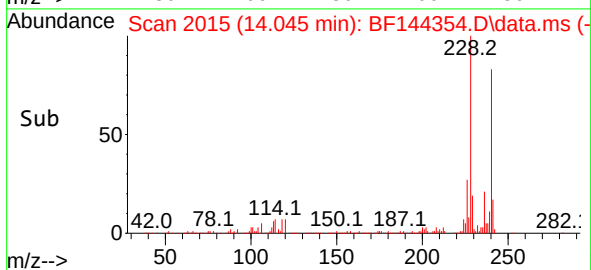
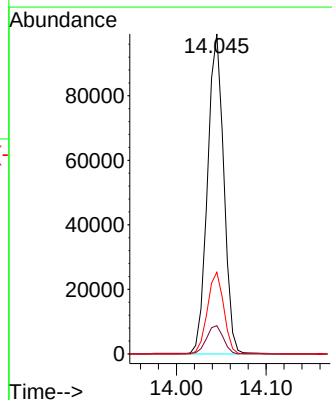
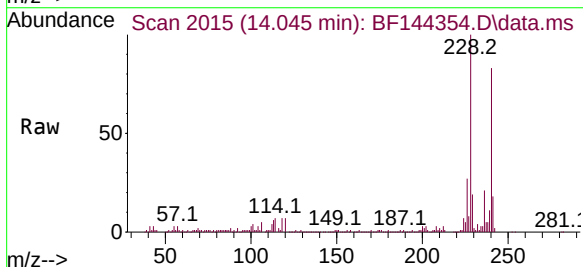
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

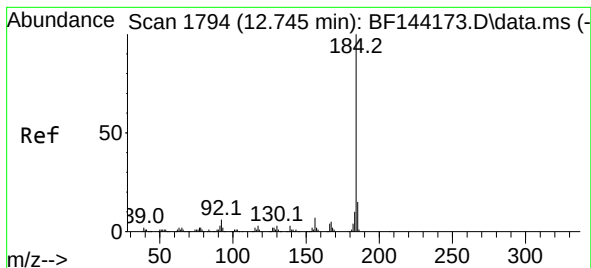
Tgt Ion:202 Resp: 327261
Ion Ratio Lower Upper
202 100
101 8.9 0.0 27.9
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:240 Resp: 124635
Ion Ratio Lower Upper
240 100
120 8.8 6.6 10.0
236 25.5 21.4 32.2





#77

Benzidine

Concen: 19.659 ng

RT: 12.739 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

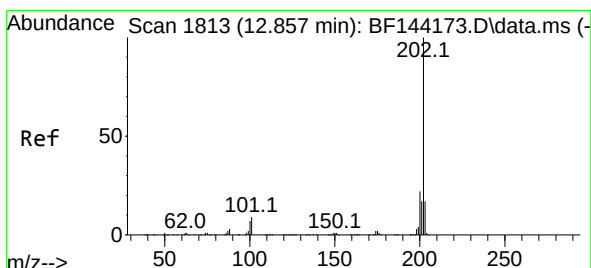
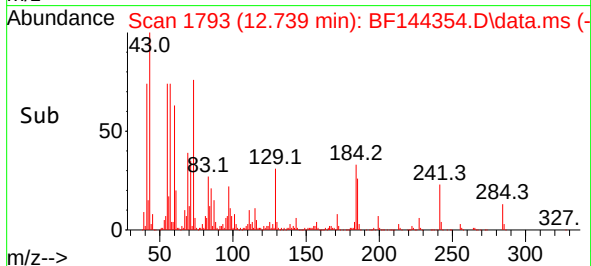
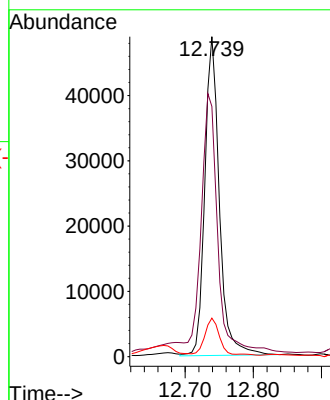
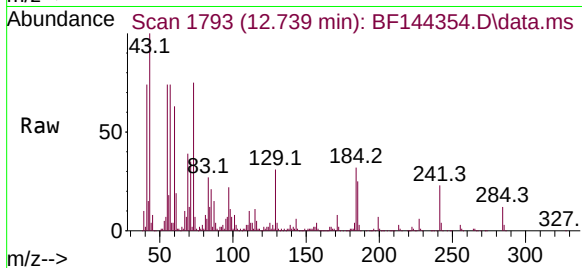
Tgt Ion:184 Resp: 72474

Ion Ratio Lower Upper

184 100

185 78.2 11.7 17.5#

183 12.0 8.3 12.5



#78

Pyrene

Concen: 34.966 ng

RT: 12.845 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

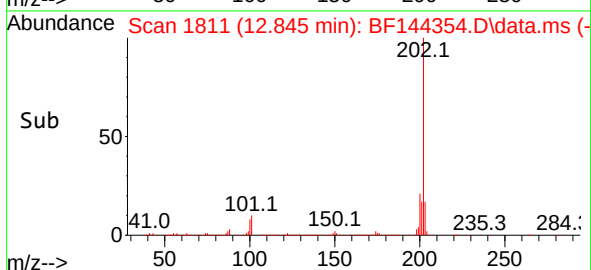
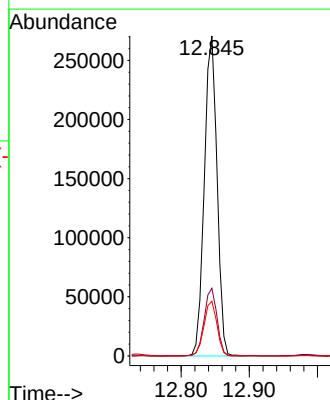
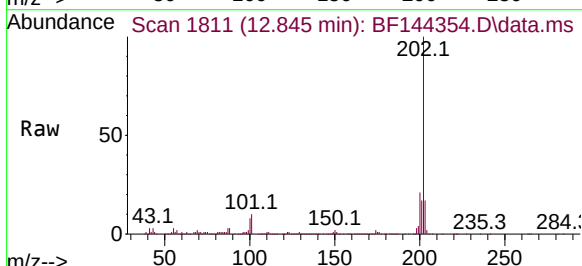
Tgt Ion:202 Resp: 351378

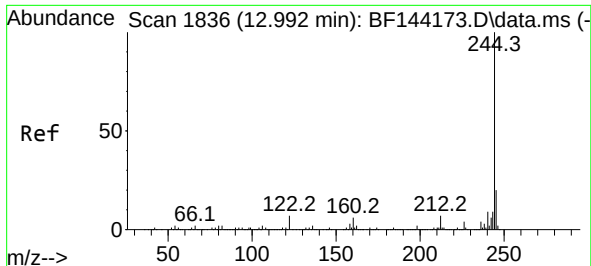
Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

203 17.1 13.7 20.5

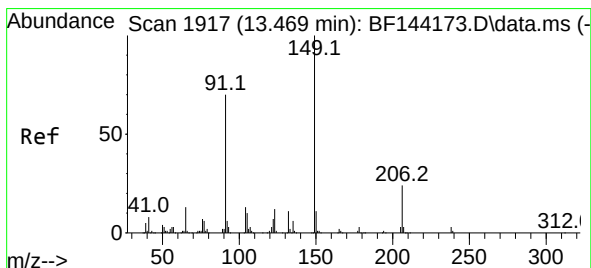
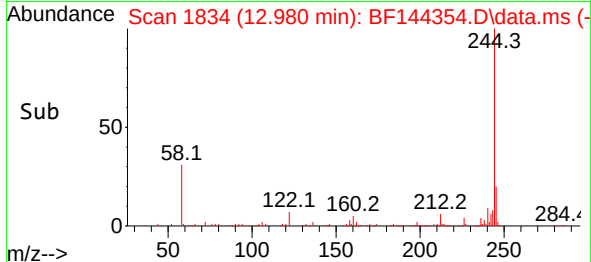
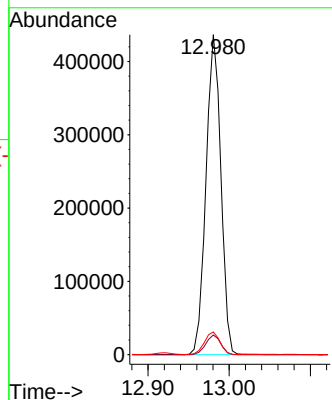
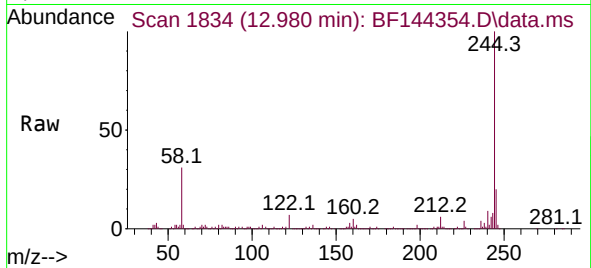




#79
 Terphenyl-d14
 Concen: 70.837 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144354.D
 Acq: 25 Nov 2025 17:14

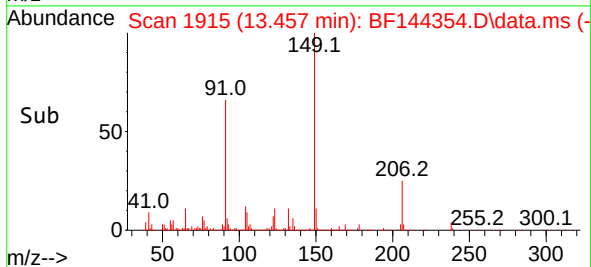
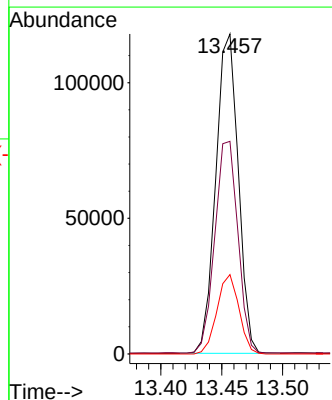
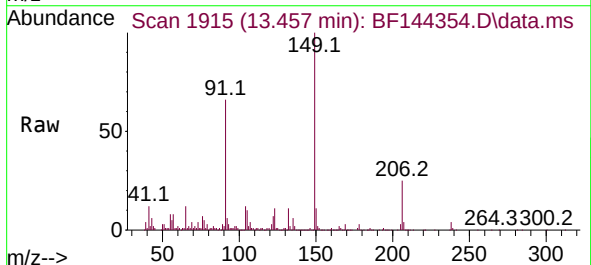
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWMSD

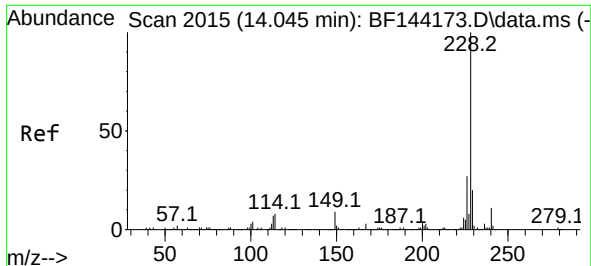
Tgt Ion:244 Resp: 555825
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.3 7.9
 122 7.1 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 43.572 ng
 RT: 13.457 min Scan# 1915
 Delta R.T. -0.012 min
 Lab File: BF144354.D
 Acq: 25 Nov 2025 17:14

Tgt Ion:149 Resp: 151760
 Ion Ratio Lower Upper
 149 100
 91 66.4 56.1 84.1
 206 24.8 18.8 28.2

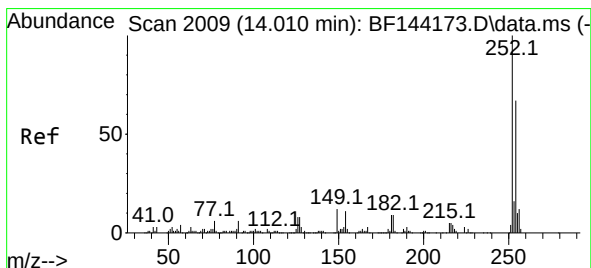
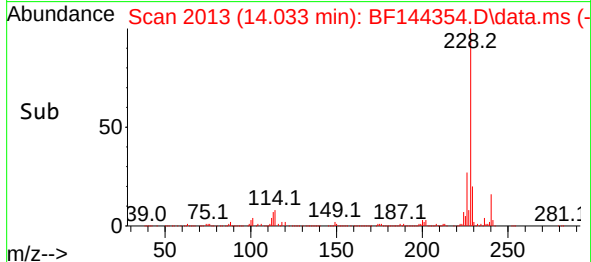
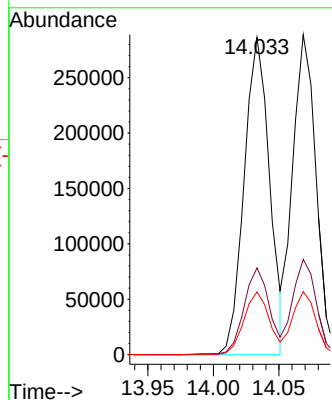
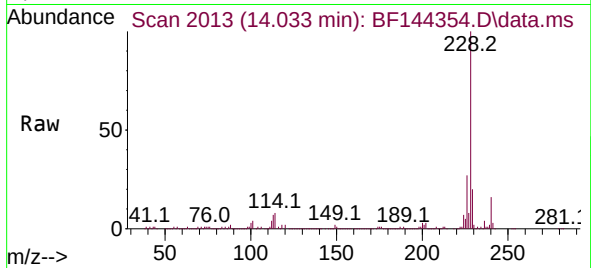




#81
Benzo(a)anthracene
Concen: 44.731 ng
RT: 14.033 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

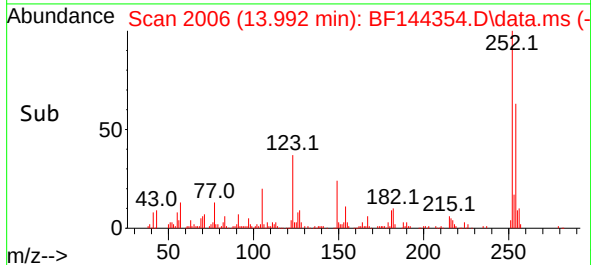
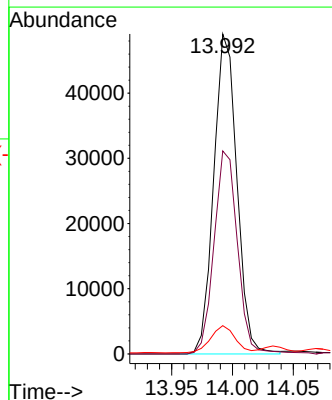
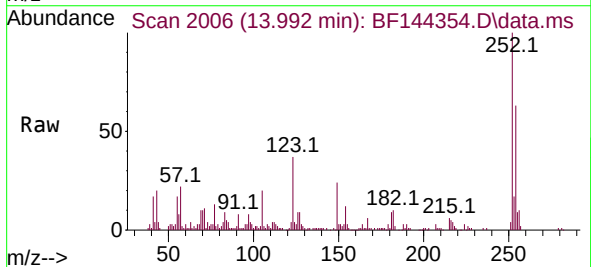
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

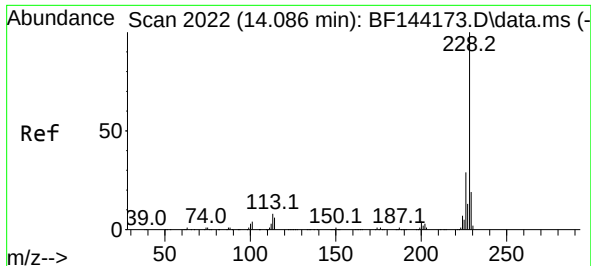
Tgt Ion:228 Resp: 386391
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 21.913 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:252 Resp: 64882
Ion Ratio Lower Upper
252 100
254 63.5 53.5 80.3
126 8.8 6.4 9.6

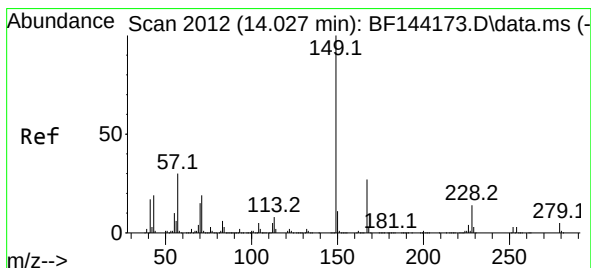
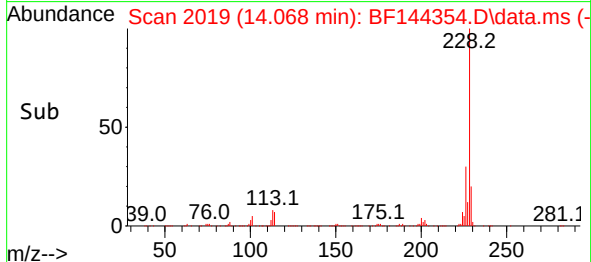
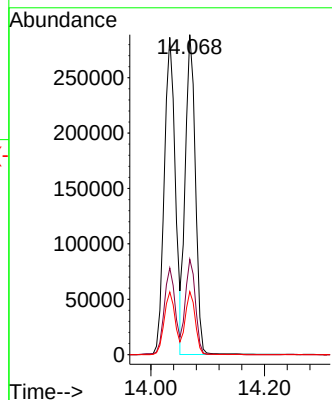
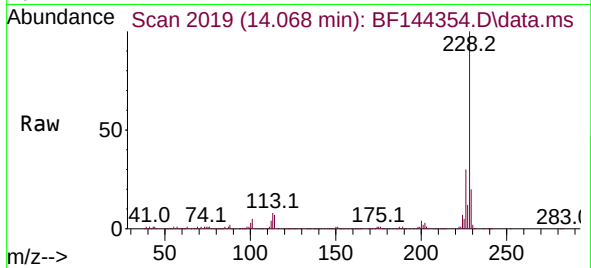




#83
Chrysene
Concen: 44.940 ng
RT: 14.068 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

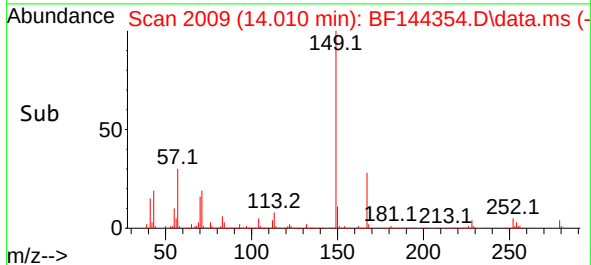
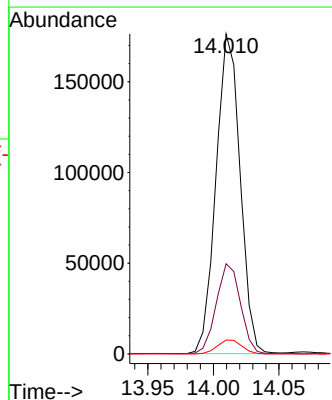
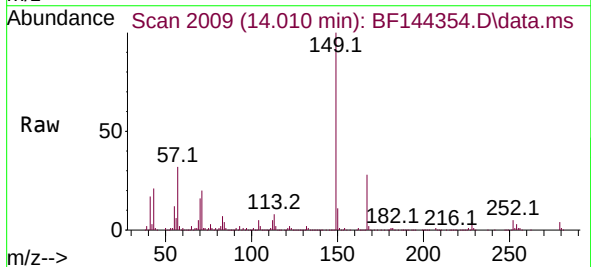
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

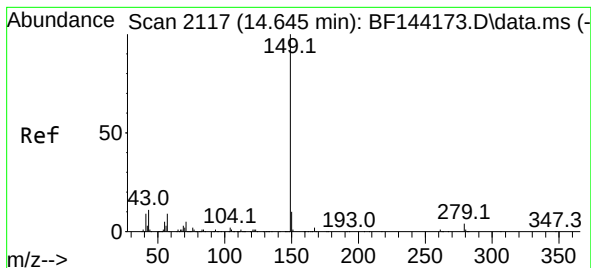
Tgt Ion:228 Resp: 358358
Ion Ratio Lower Upper
228 100
226 29.8 22.9 34.3
229 19.7 15.0 22.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.307 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.018 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:149 Resp: 225556
Ion Ratio Lower Upper
149 100
167 28.2 21.8 32.8
279 4.3 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 49.770 ng

RT: 14.627 min Scan# 2114

Delta R.T. -0.018 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

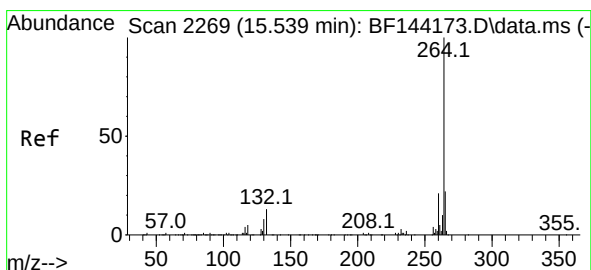
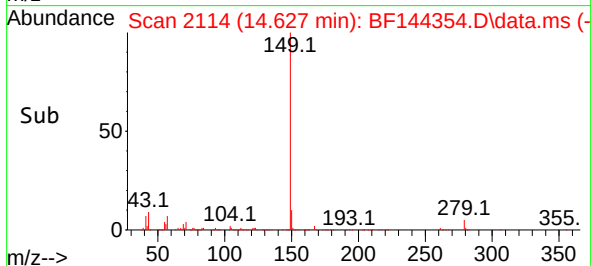
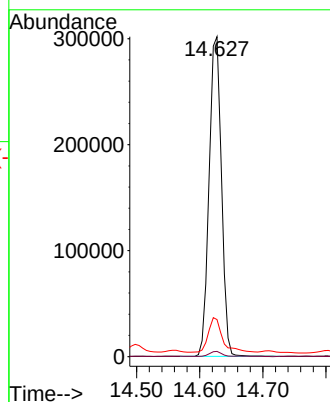
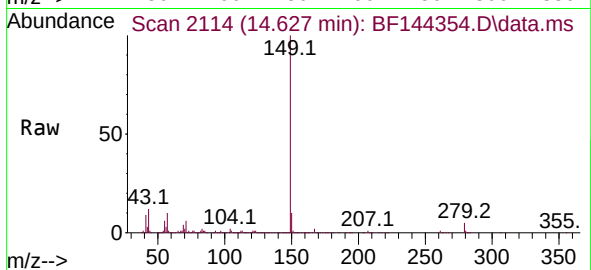
Tgt Ion:149 Resp: 409424

Ion Ratio Lower Upper

149 100

167 2.0 1.2 1.8#

43 12.9 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

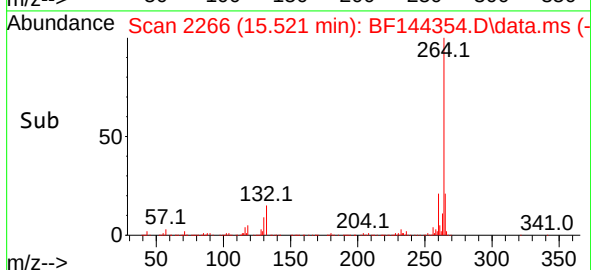
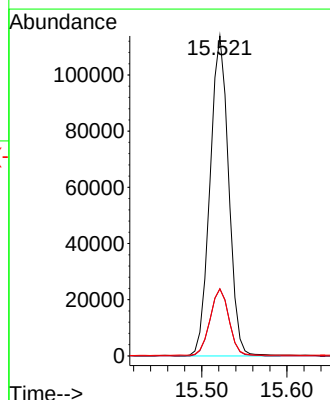
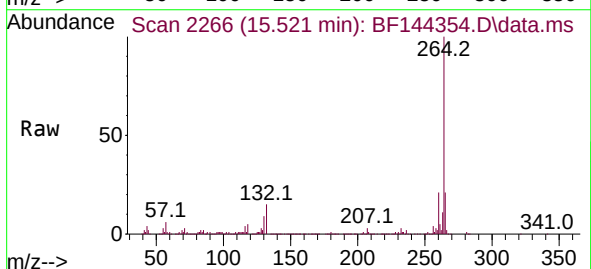
Tgt Ion:264 Resp: 173017

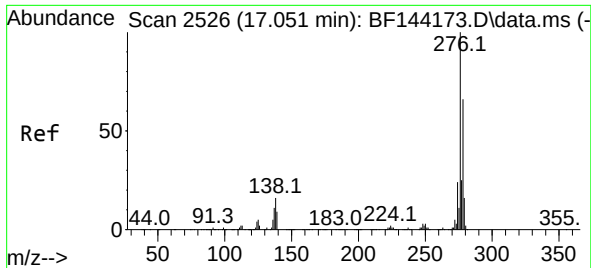
Ion Ratio Lower Upper

264 100

260 21.0 17.1 25.7

265 20.9 17.4 26.0

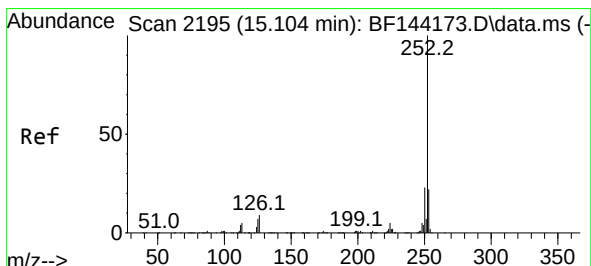
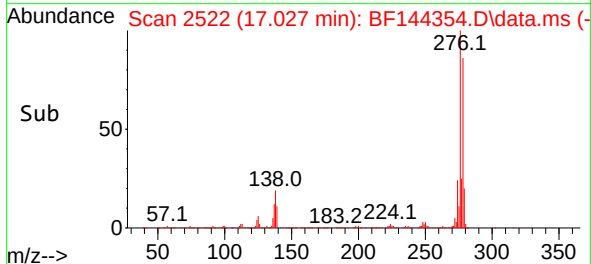
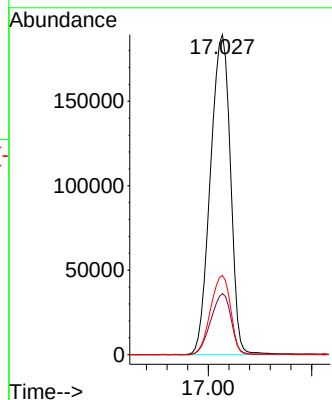
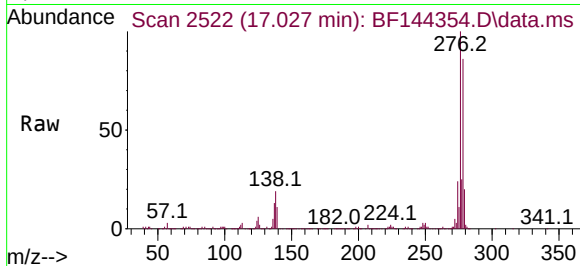




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.085 ng
 RT: 17.027 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF144354.D
 Acq: 25 Nov 2025 17:14

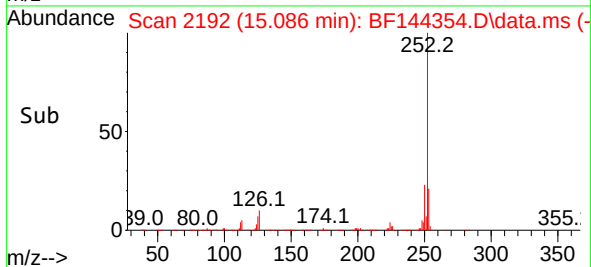
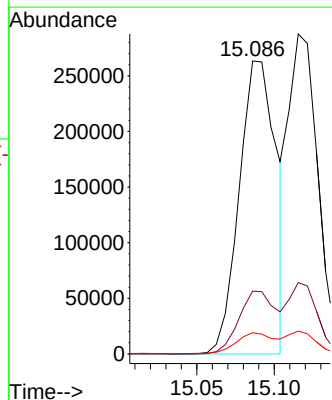
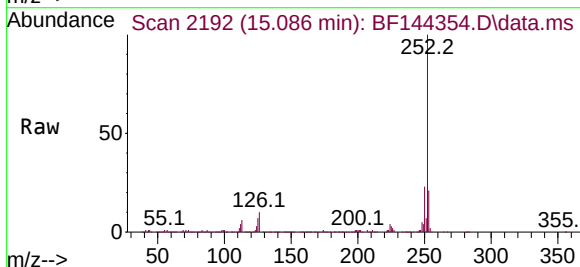
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWMSD

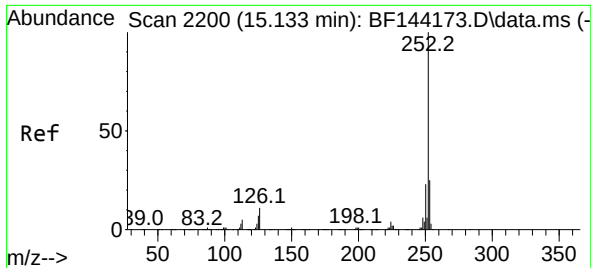
Tgt Ion:276 Resp: 510265
 Ion Ratio Lower Upper
 276 100
 138 19.5 13.9 20.9
 277 24.7 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 44.530 ng
 RT: 15.086 min Scan# 2192
 Delta R.T. -0.012 min
 Lab File: BF144354.D
 Acq: 25 Nov 2025 17:14

Tgt Ion:252 Resp: 438017
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.4 26.2
 125 7.3 5.3 7.9

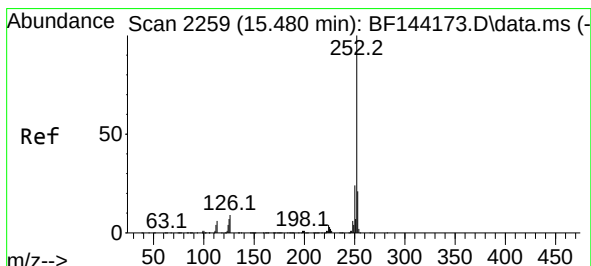
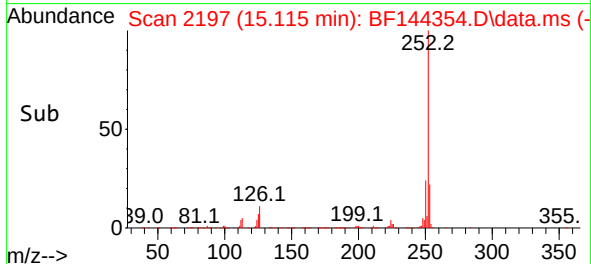
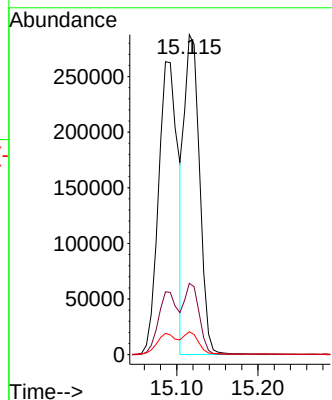
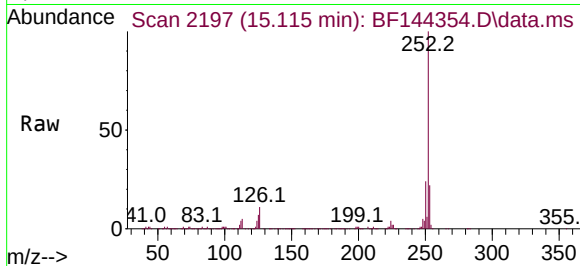




#89
Benzo(k)fluoranthene
Concen: 41.041 ng
RT: 15.115 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

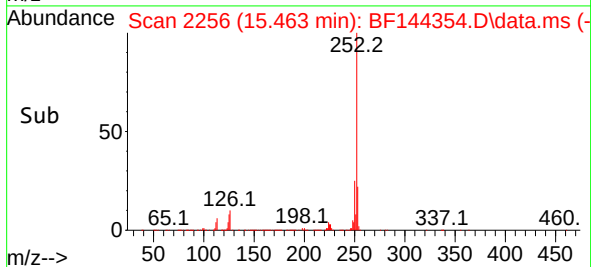
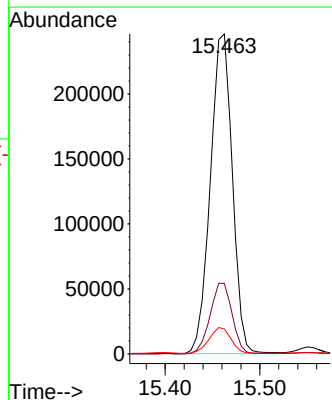
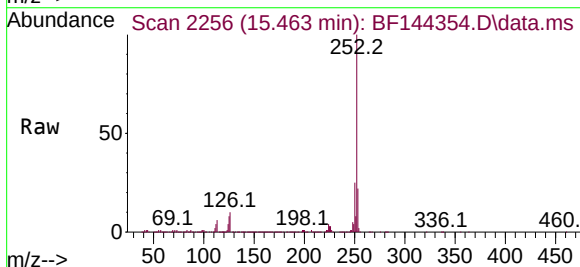
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

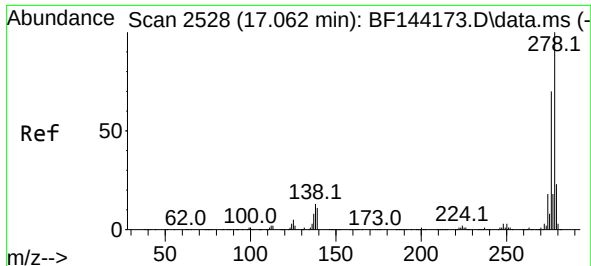
Tgt Ion:252 Resp: 377856
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 7.1 5.4 8.2



#90
Benzo(a)pyrene
Concen: 43.829 ng
RT: 15.463 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:252 Resp: 397725
Ion Ratio Lower Upper
252 100
253 22.0 16.7 25.1
125 7.8 5.7 8.5

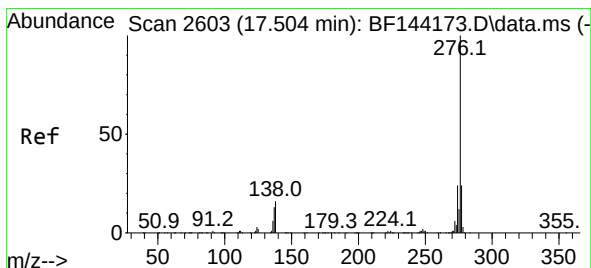
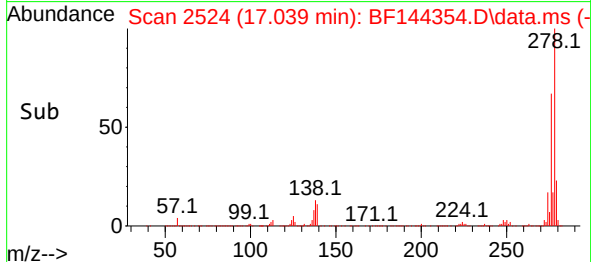
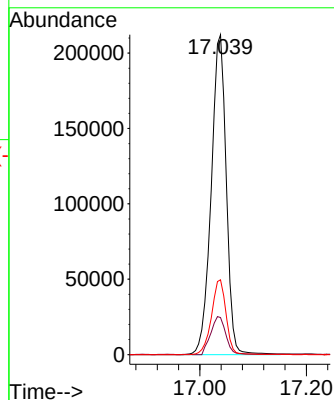
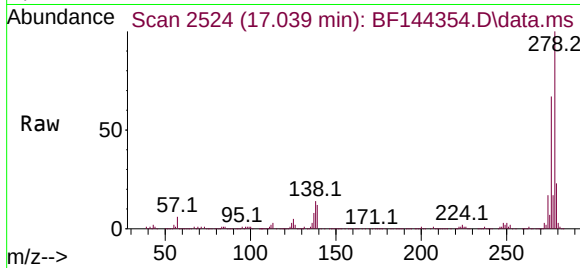




#91
 Dibenzo(a,h)anthracene
 Concen: 41.716 ng
 RT: 17.039 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF144354.D
 Acq: 25 Nov 2025 17:14

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWMSD

Tgt Ion:278 Resp: 416098
 Ion Ratio Lower Upper
 278 100
 139 11.6 9.1 13.7
 279 23.4 18.2 27.4



#92
 Benzo(g,h,i)perylene
 Concen: 42.034 ng
 RT: 17.480 min Scan# 2599
 Delta R.T. -0.012 min
 Lab File: BF144354.D
 Acq: 25 Nov 2025 17:14

Tgt Ion:276 Resp: 414029
 Ion Ratio Lower Upper
 276 100
 277 23.5 19.0 28.4
 138 17.2 12.9 19.3

