

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140884.D
 Acq On : 17 Dec 2024 14:45
 Operator : RC/JU
 Sample : P5192-02RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE WATERRE

Quant Time: Dec 17 15:13:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

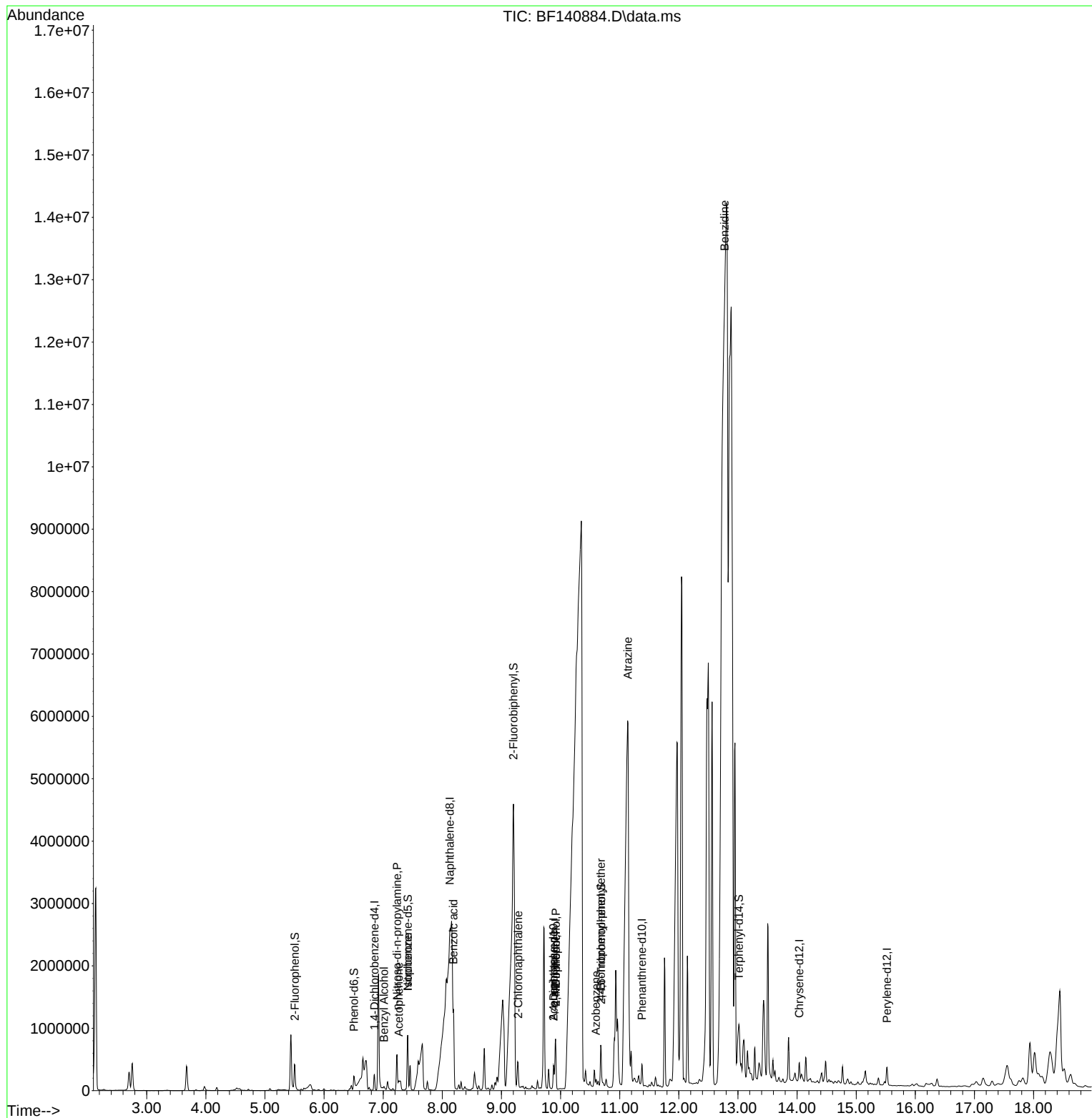
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	57503	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	187534	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	112053	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	187995	20.000	ng	0.00
76) Chrysene-d12	14.039	240	144181	20.000	ng	0.00
86) Perylene-d12	15.521	264	175828	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	169729	48.590	ng	0.02
7) Phenol-d6	6.504	99	140472	30.361	ng	0.00
23) Nitrobenzene-d5	7.416	82	399106	106.475	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	113534	85.669	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	740795	90.893	ng	0.00
79) Terphenyl-d14	13.016	244	779547	85.257	ng	0.06
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.016	79	23443	7.087	ng	97
19) n-Nitroso-di-n-propyla...	7.234	70	65509	23.604	ng	# 68
22) Acetophenone	7.263	105	23958	5.107	ng	# 93
25) Isophorone	7.416	82	395982	63.049	ng	# 65
32) Benzoic acid	8.187	122	523060	267.020	ng	99
47) 2-Chloronaphthalene	9.281	162	44189	6.483	ng	# 38
54) 2,4-Dinitrophenol	9.922	184	1045	7.630	ng	# 27
56) 4-Nitrophenol	9.922	139	473	4.905	ng	# 1
57) 2,4-Dinitrotoluene	9.880	165	17320	7.289	ng	# 17
63) Azobenzene	10.598	77	20262	2.631	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	6944	3.302	ng	# 1
69) Atrazine	11.139	200	21828	13.522	ng	# 54
77) Benzidine	12.774	184	14848	5.046	ng	# 1

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

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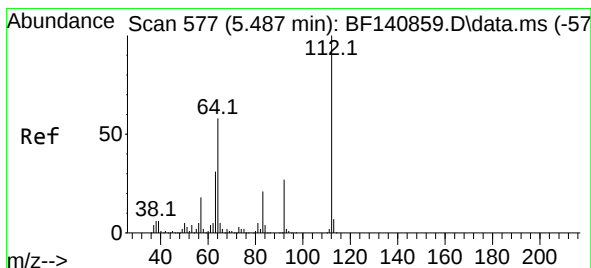
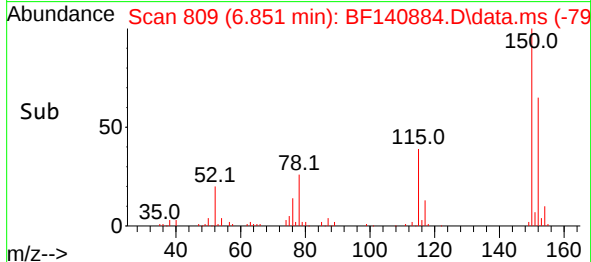
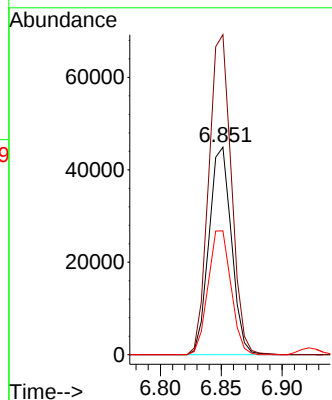
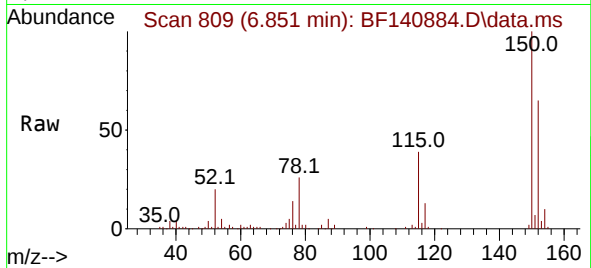




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF140884.D
 Acq: 17 Dec 2024 14:45

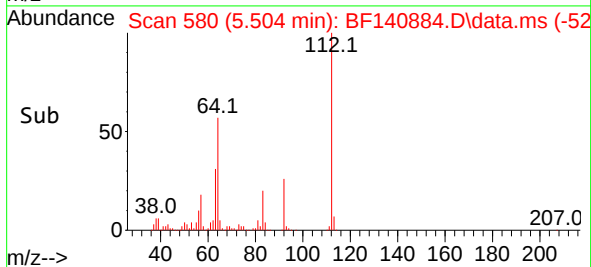
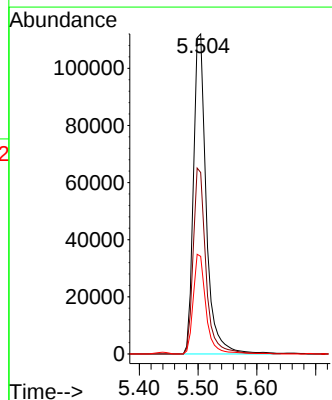
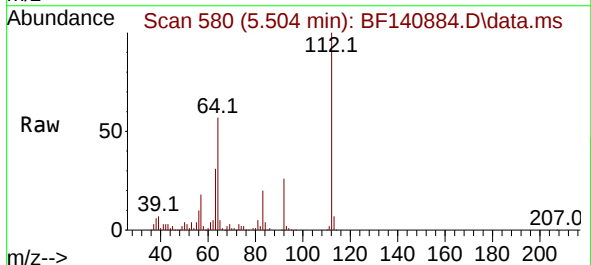
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE WATERRE

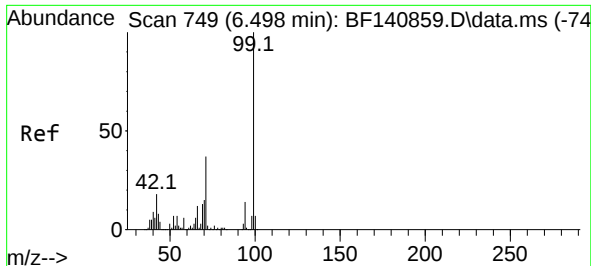
Tgt Ion:152 Resp: 57503
 Ion Ratio Lower Upper
 152 100
 150 154.2 127.9 191.9
 115 59.7 48.0 72.0



#5
 2-Fluorophenol
 Concen: 48.590 ng
 RT: 5.504 min Scan# 580
 Delta R.T. 0.018 min
 Lab File: BF140884.D
 Acq: 17 Dec 2024 14:45

Tgt Ion:112 Resp: 169729
 Ion Ratio Lower Upper
 112 100
 64 56.7 46.1 69.1
 63 30.5 24.9 37.3





#7

Phenol-d6

Concen: 30.361 ng

RT: 6.504 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140884.D

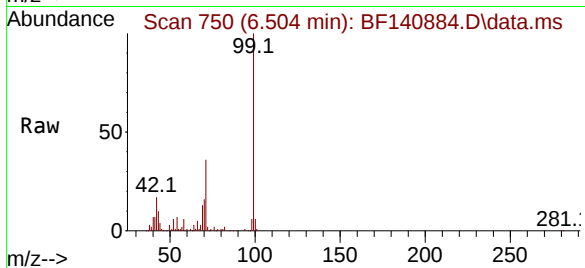
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Instrument :

BNA_F

ClientSampleId :

EFF-WASTE WATERRE



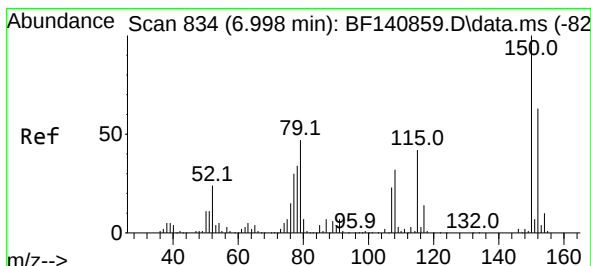
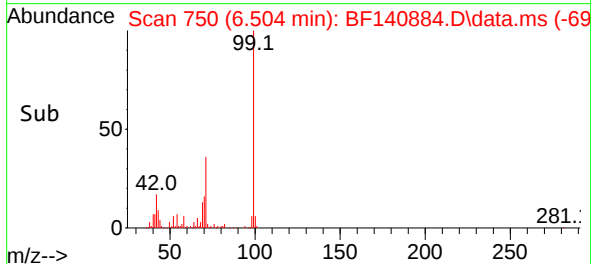
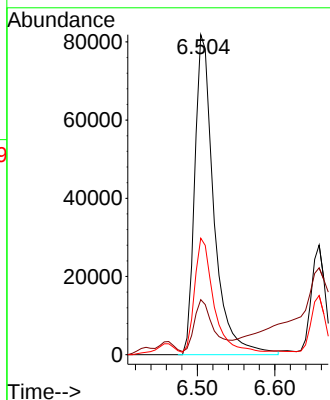
Tgt Ion: 99 Resp: 140472

Ion Ratio Lower Upper

99 100

42 17.2 14.3 21.5

71 36.4 29.9 44.9



#15

Benzyl Alcohol

Concen: 7.087 ng

RT: 7.016 min Scan# 837

Delta R.T. 0.018 min

Lab File: BF140884.D

Acq: 17 Dec 2024 14:45

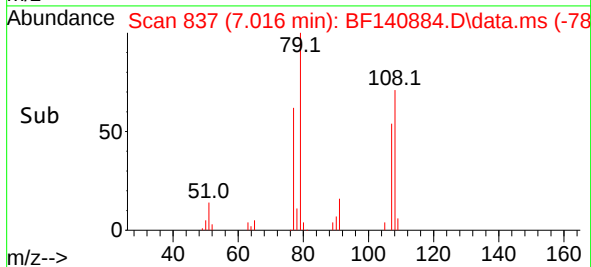
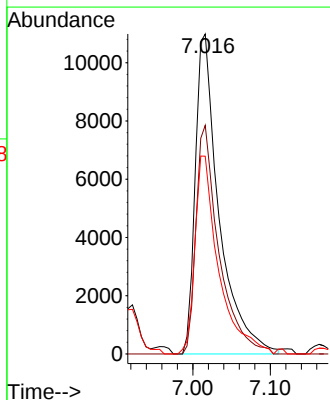
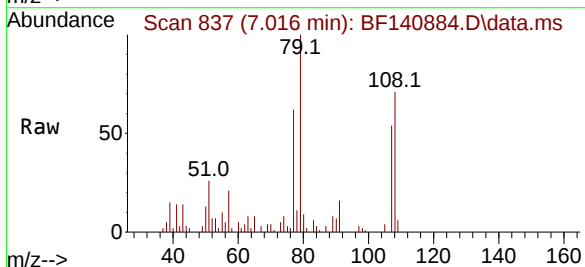
Tgt Ion: 79 Resp: 23443

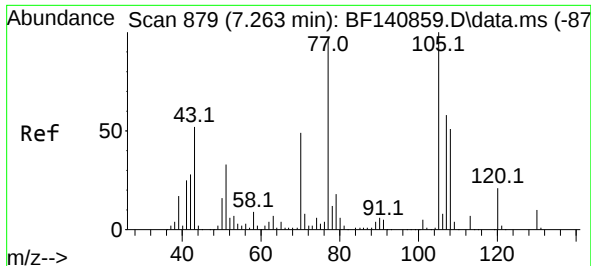
Ion Ratio Lower Upper

79 100

108 71.5 55.1 82.7

77 61.8 50.6 76.0

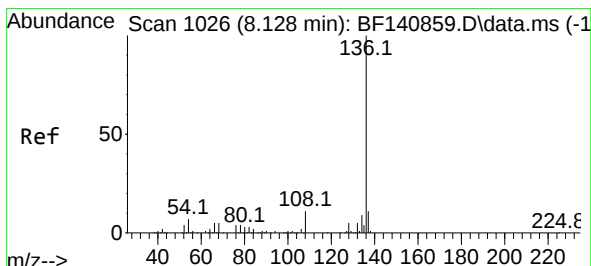
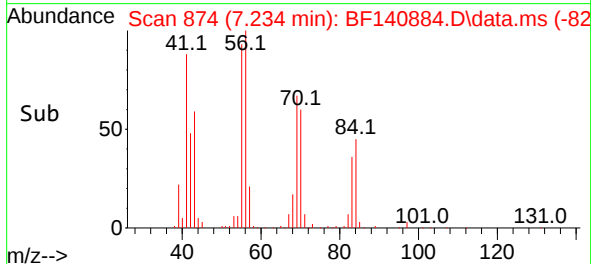
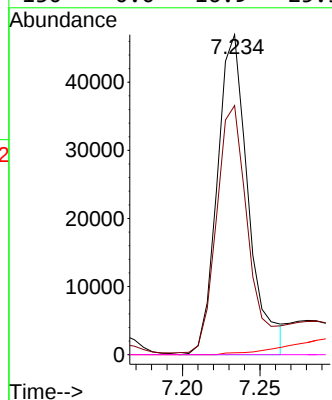
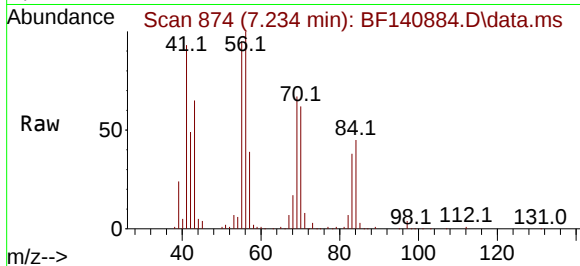




#19
n-Nitroso-di-n-propylamine
Concen: 23.604 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.030 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

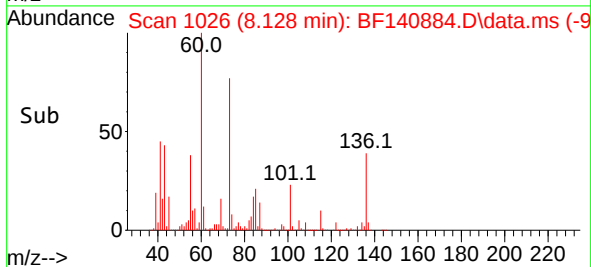
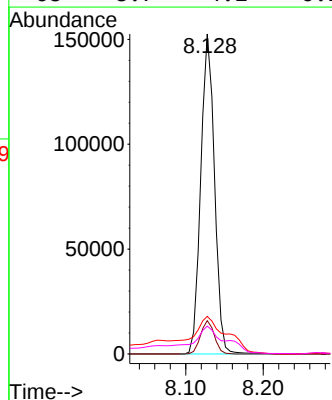
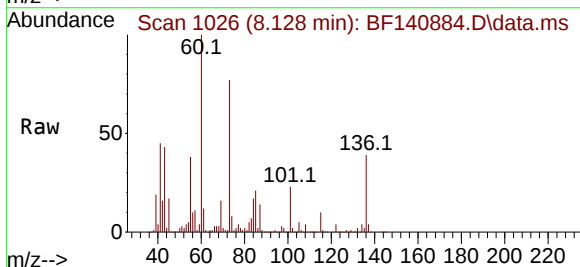
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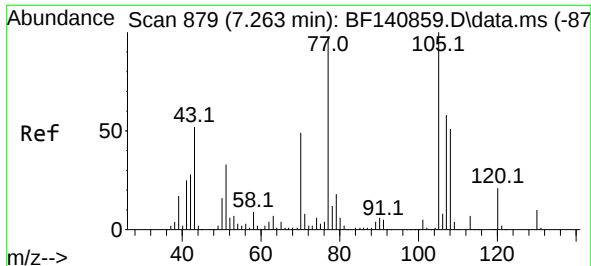
Tgt Ion: 70 Resp: 65509
Ion Ratio Lower Upper
70 100
42 77.9 45.3 67.9#
101 0.6 8.0 12.0#
130 0.0 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

Tgt Ion:136 Resp: 187534
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 11.7 5.6 8.4#
68 8.7 4.2 6.2#

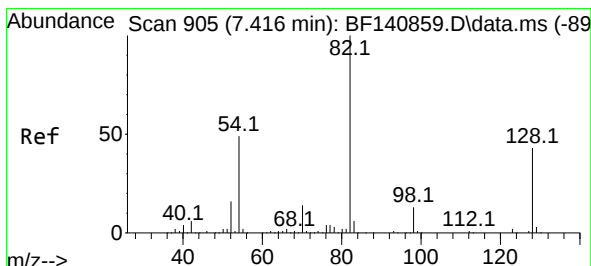
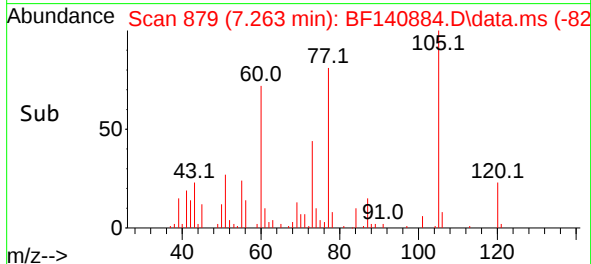
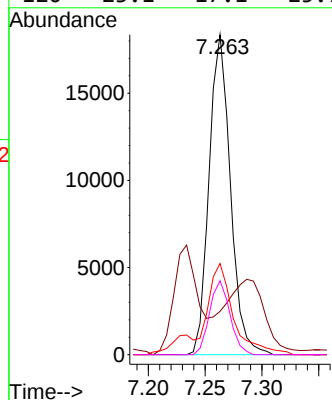
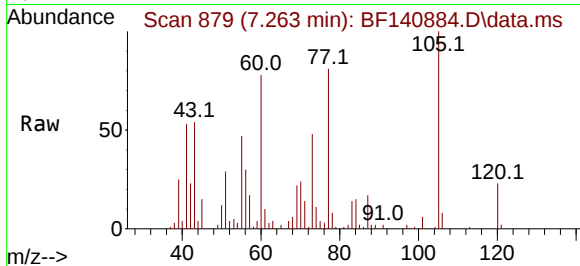




#22
Acetophenone
Concen: 5.107 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

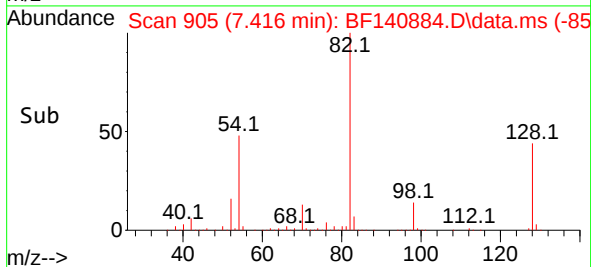
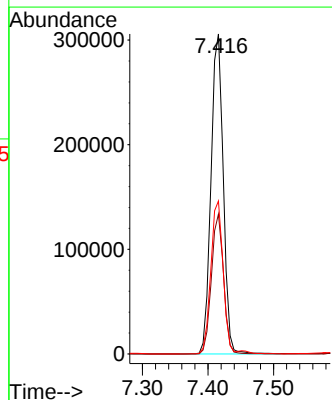
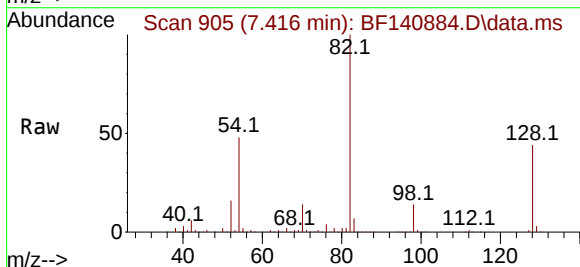
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ClientSampleId :
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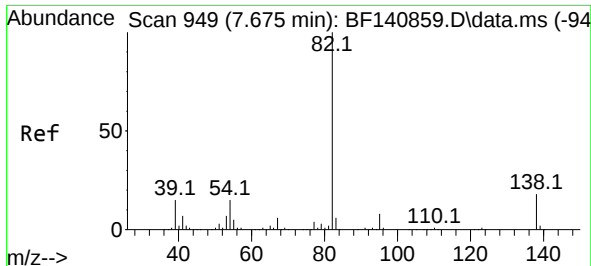
Tgt Ion:105 Resp: 23958
Ion Ratio Lower Upper
105 100
71 13.6 6.2 9.4#
51 28.5 26.3 39.5
120 23.1 17.1 25.7



#23
Nitrobenzene-d5
Concen: 106.475 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

Tgt Ion: 82 Resp: 399106
Ion Ratio Lower Upper
82 100
128 43.7 34.4 51.6
54 47.8 38.8 58.2

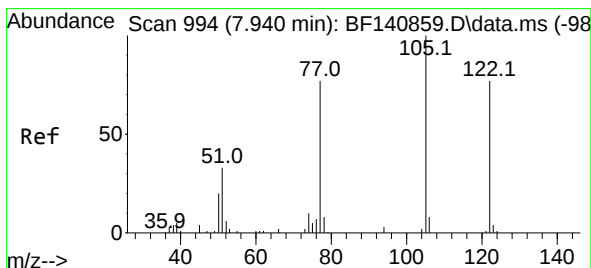
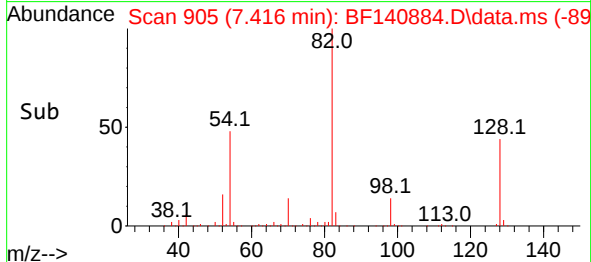
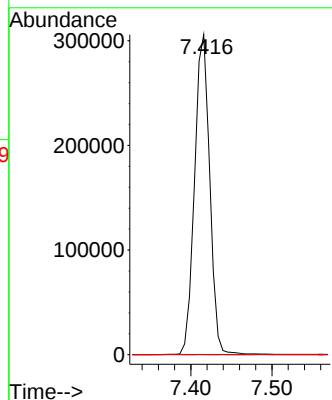
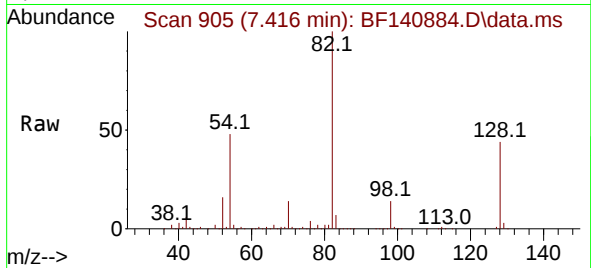




#25
Isophorone
Concen: 63.049 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

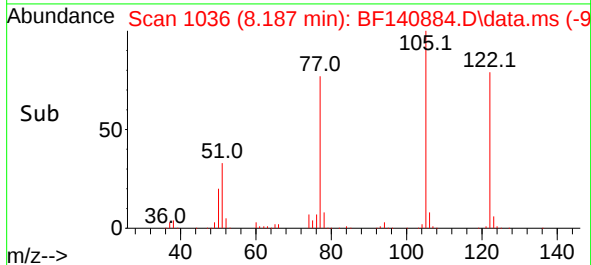
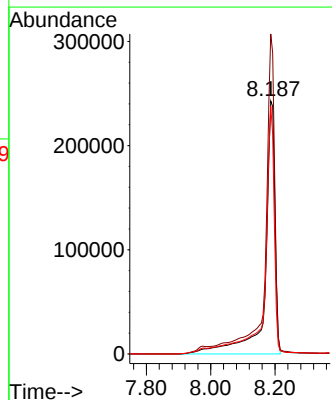
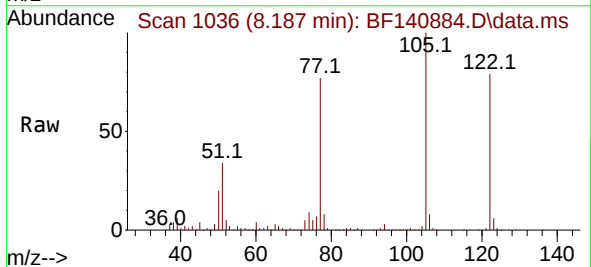
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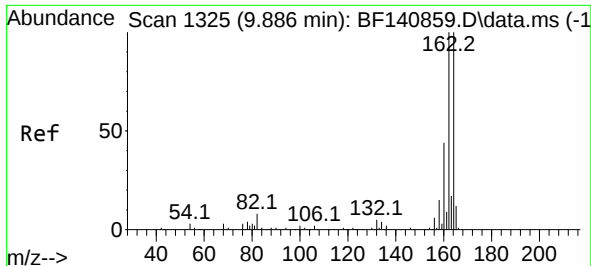
Tgt Ion: 82 Resp: 395982
Ion Ratio Lower Upper
82 100
95 0.1 6.3 9.5#
138 0.0 14.1 21.1#



#32
Benzoic acid
Concen: 267.020 ng
RT: 8.187 min Scan# 1036
Delta R.T. 0.247 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

Tgt Ion:122 Resp: 523060
Ion Ratio Lower Upper
122 100
105 126.5 108.3 148.3
77 97.9 78.8 118.8

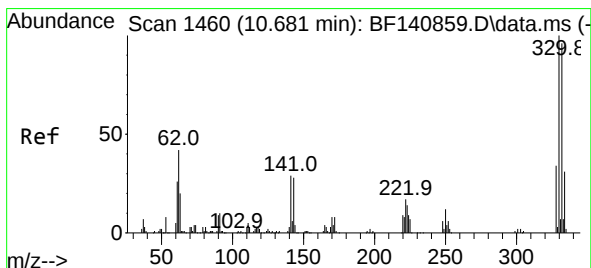
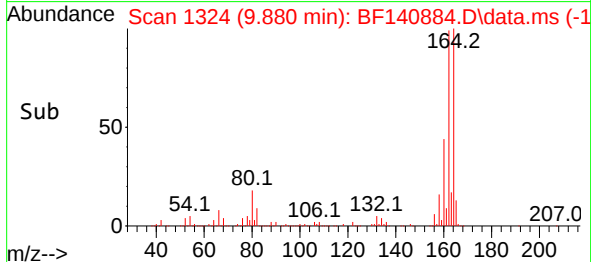
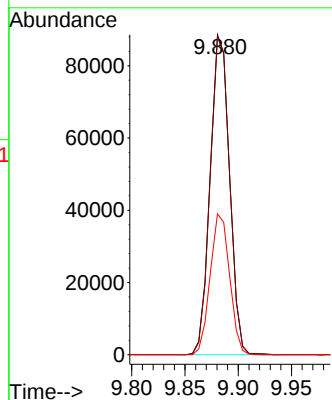
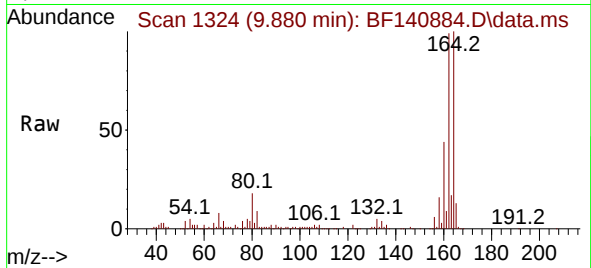




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

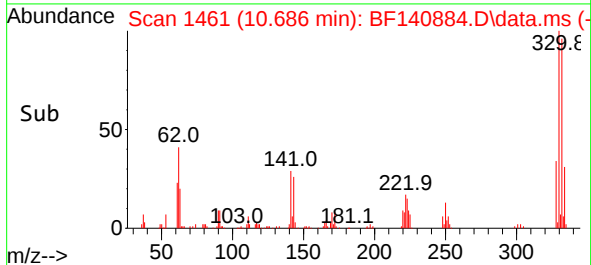
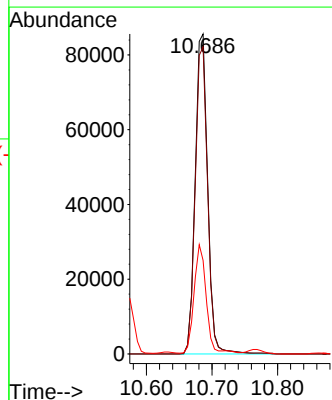
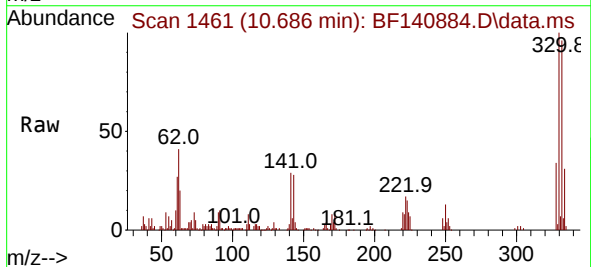
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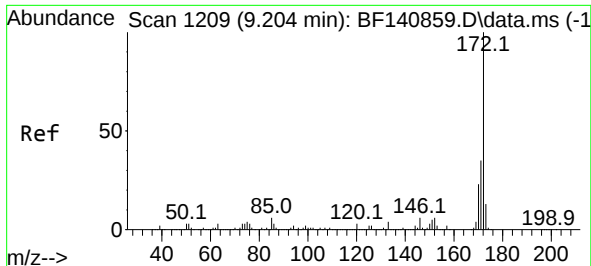
Tgt Ion:164 Resp: 112053
Ion Ratio Lower Upper
164 100
162 99.3 79.9 119.9
160 44.0 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 85.669 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

Tgt Ion:330 Resp: 113534
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 33.1 24.9 37.3

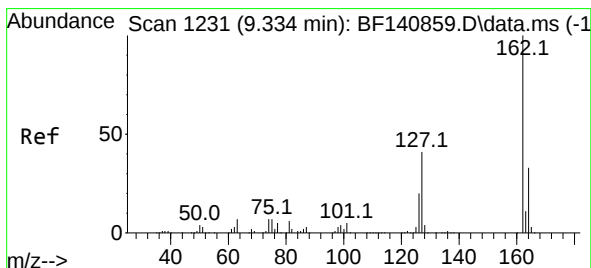
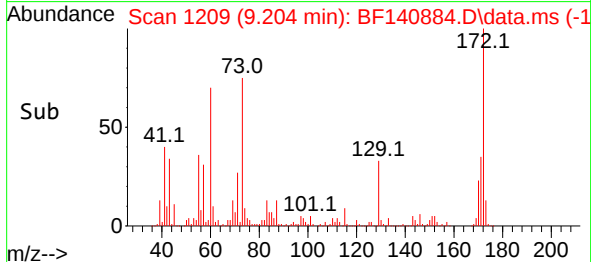
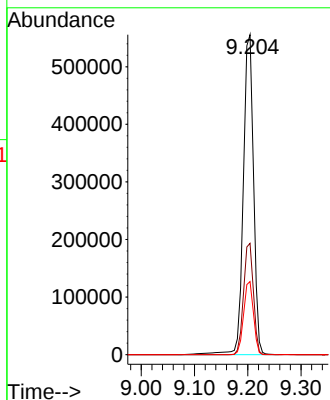
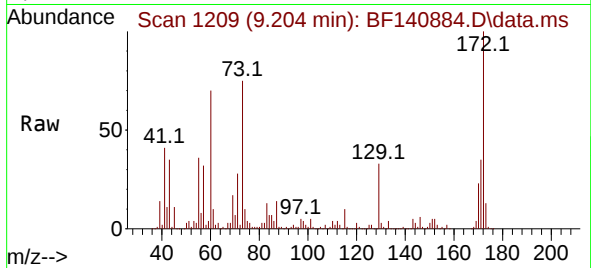




#45
2-Fluorobiphenyl
Concen: 90.893 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

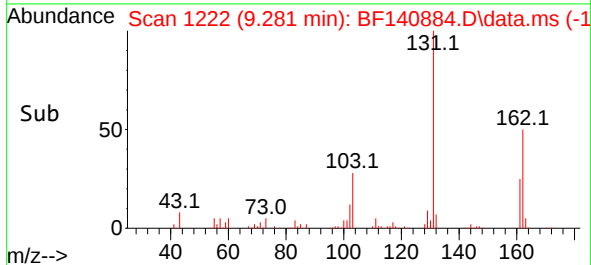
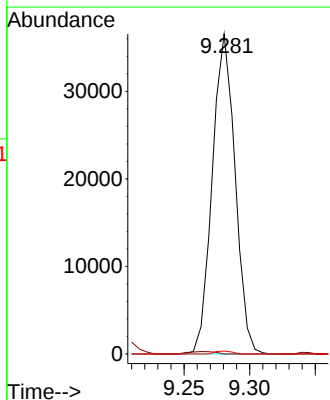
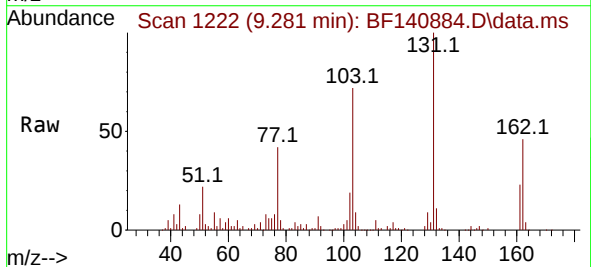
Instrument :
BNA_F
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EFF-WASTE WATERRE

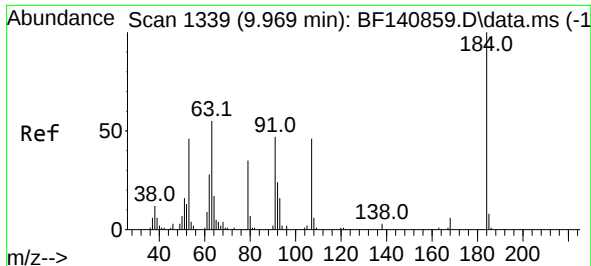
Tgt Ion:172 Resp: 740795
Ion Ratio Lower Upper
172 100
171 34.8 28.4 42.6
170 22.9 18.6 28.0



#47
2-Chloronaphthalene
Concen: 6.483 ng
RT: 9.281 min Scan# 1222
Delta R.T. -0.053 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

Tgt Ion:162 Resp: 44189
Ion Ratio Lower Upper
162 100
127 0.0 33.5 50.3#
164 0.9 26.2 39.2#

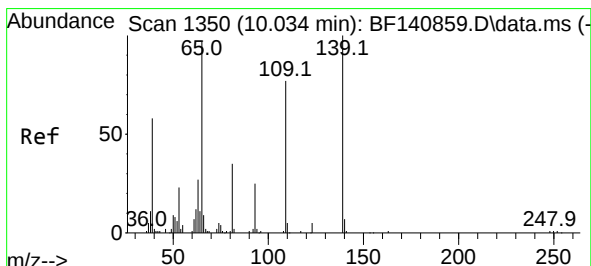
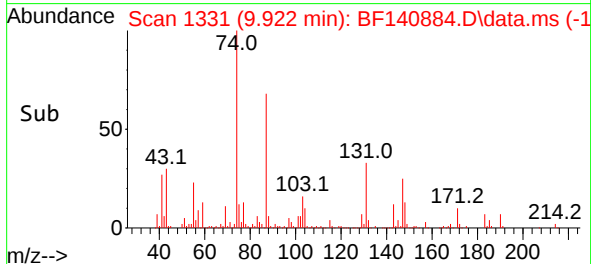
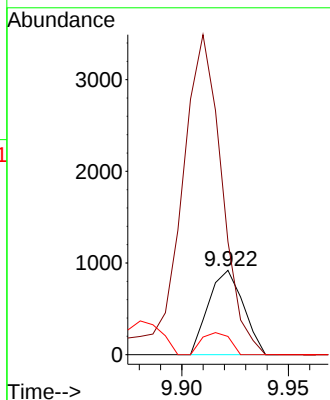
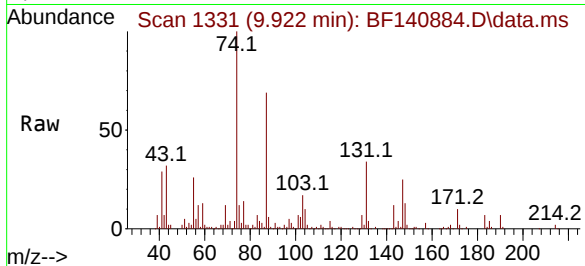




#54
2,4-Dinitrophenol
Concen: 7.630 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.047 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

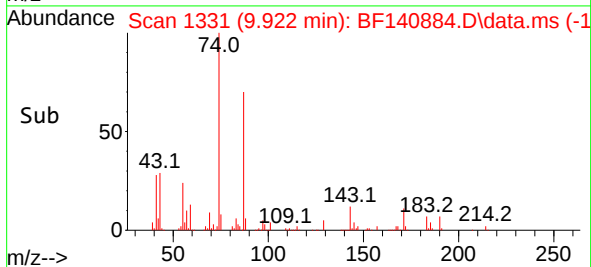
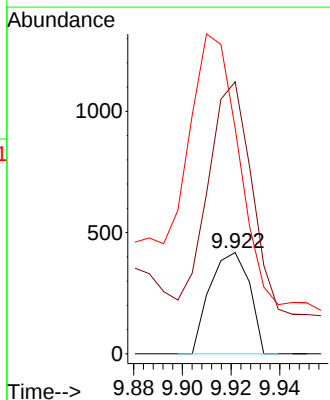
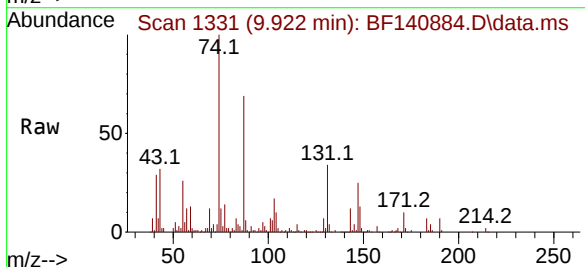
Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATERRE

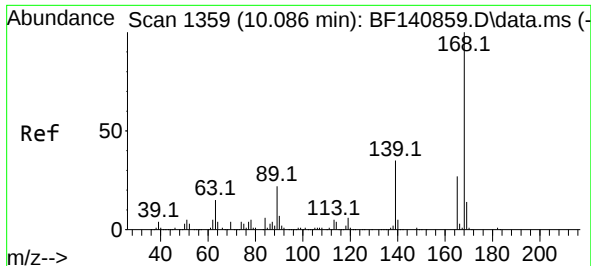
Tgt Ion:184 Resp: 1045
Ion Ratio Lower Upper
184 100
63 134.2 51.6 77.4#
154 21.7 56.1 84.1#



#56
4-Nitrophenol
Concen: 4.905 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.112 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

Tgt Ion:139 Resp: 473
Ion Ratio Lower Upper
139 100
109 268.4 56.7 96.7#
65 222.7 78.1 118.1#

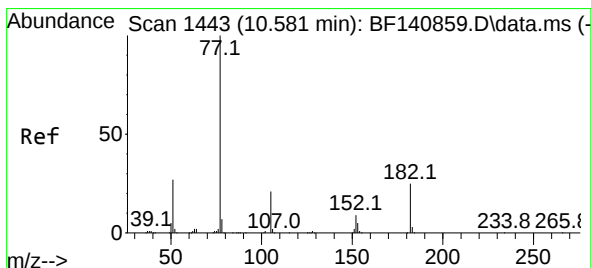
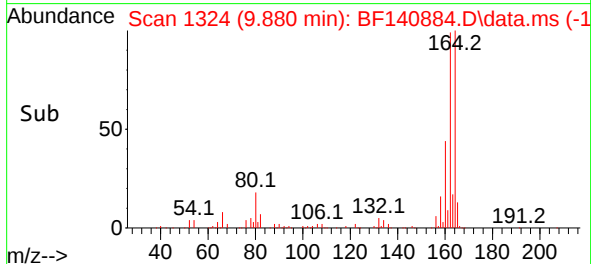
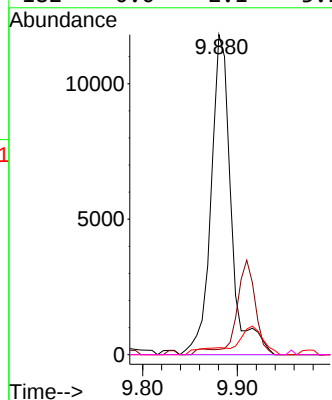
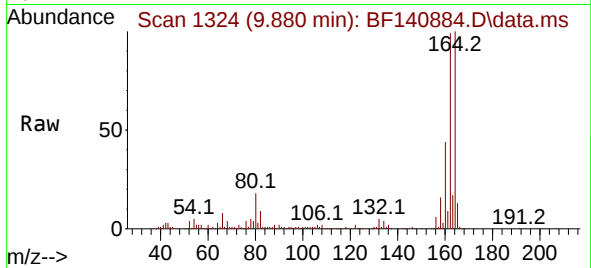




#57
2,4-Dinitrotoluene
Concen: 7.289 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

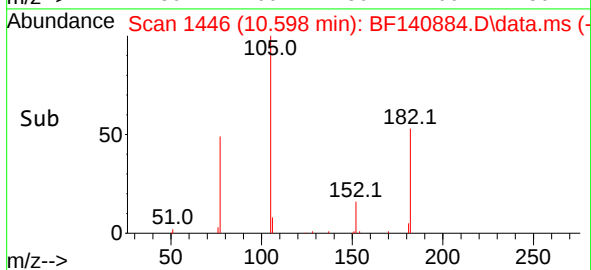
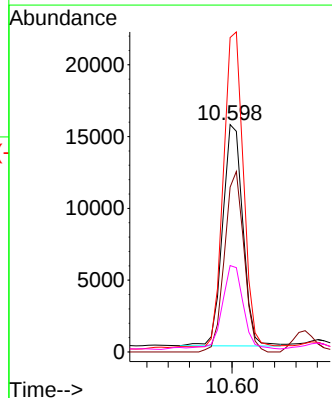
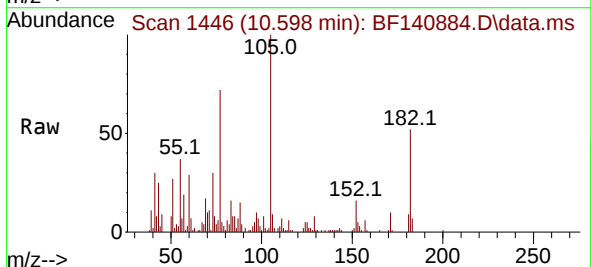
Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATERRE

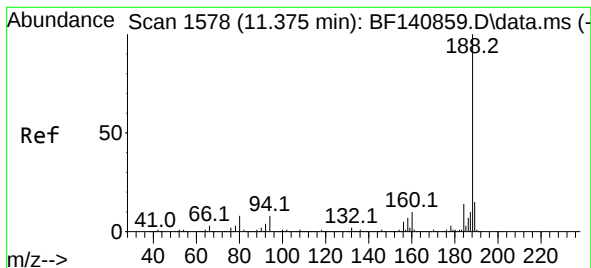
Tgt Ion:165 Resp: 17320
Ion Ratio Lower Upper
165 100
63 1.7 49.3 73.9#
89 2.2 66.2 99.4#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 2.631 ng
RT: 10.598 min Scan# 1446
Delta R.T. 0.018 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

Tgt Ion: 77 Resp: 20262
Ion Ratio Lower Upper
77 100
182 72.5 4.5 44.5#
105 138.3 0.9 40.9#
51 38.0 8.6 48.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140884.D

Acq: 17 Dec 2024 14:45

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE WATERRE

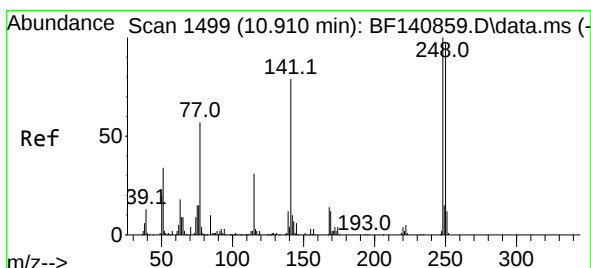
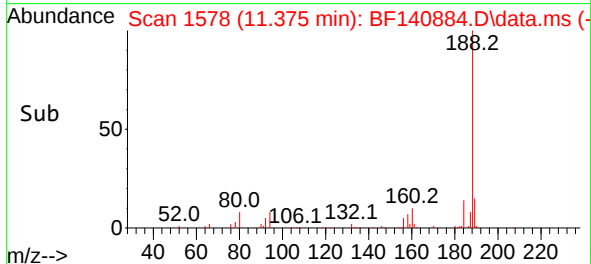
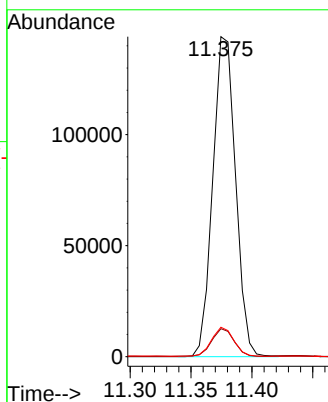
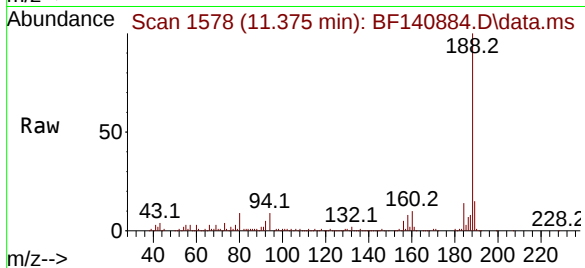
Tgt Ion:188 Resp: 187995

Ion Ratio Lower Upper

188 100

94 8.8 6.4 9.6

80 9.2 6.8 10.2



#67

4-Bromophenyl-phenylether

Concen: 3.302 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.229 min

Lab File: BF140884.D

Acq: 17 Dec 2024 14:45

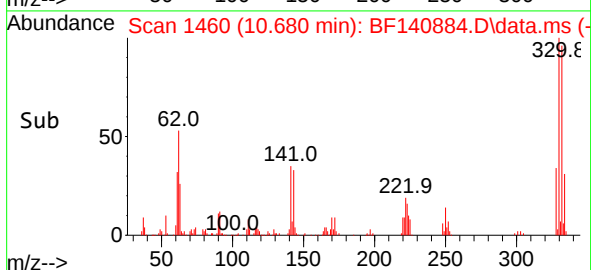
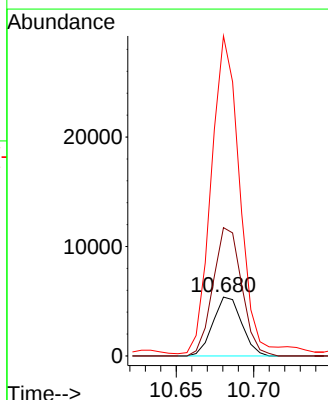
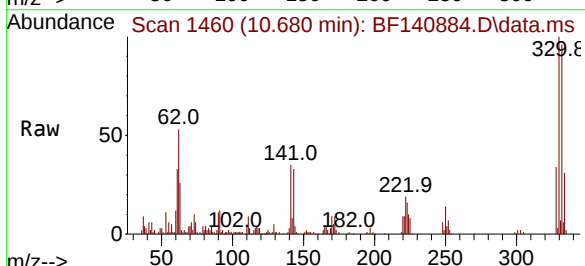
Tgt Ion:248 Resp: 6944

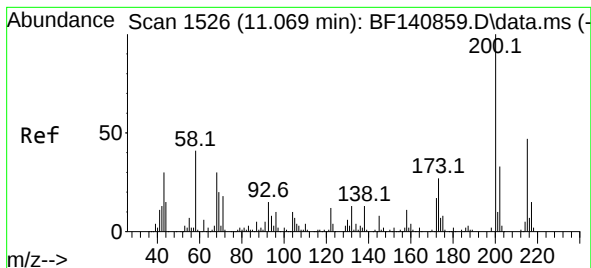
Ion Ratio Lower Upper

248 100

250 218.1 77.4 116.2#

141 544.2 62.9 94.3#





#69

Atrazine

Concen: 13.522 ng

RT: 11.139 min Scan# 1

Delta R.T. 0.070 min

Lab File: BF140884.D

Acq: 17 Dec 2024 14:45

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE WATERRE

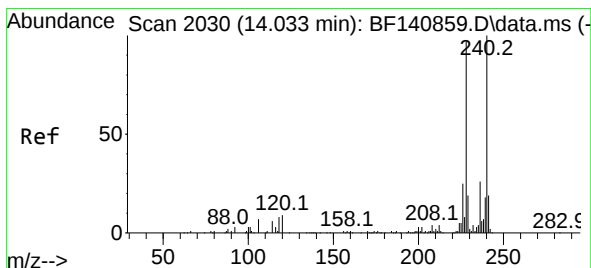
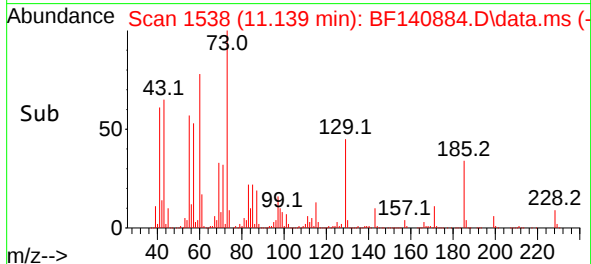
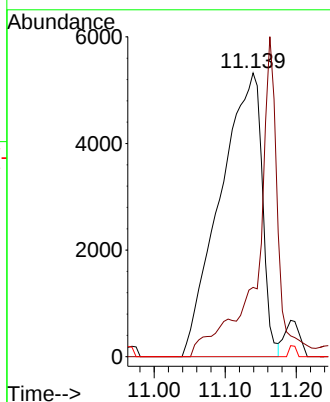
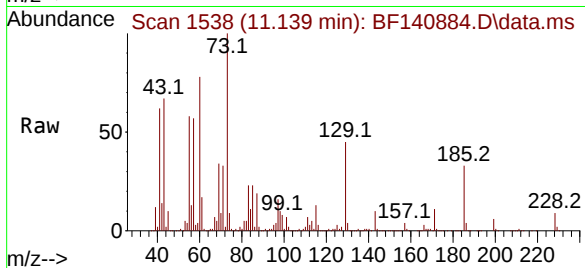
Tgt Ion:200 Resp: 21828

Ion Ratio Lower Upper

200 100

173 24.4 6.6 46.6

215 0.0 26.7 66.7#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF140884.D

Acq: 17 Dec 2024 14:45

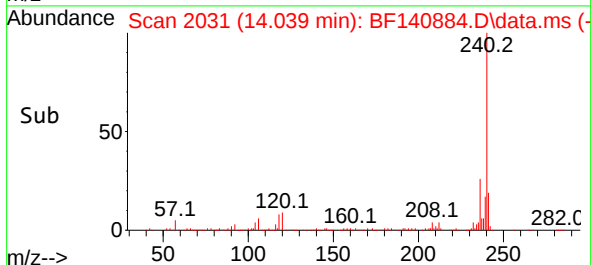
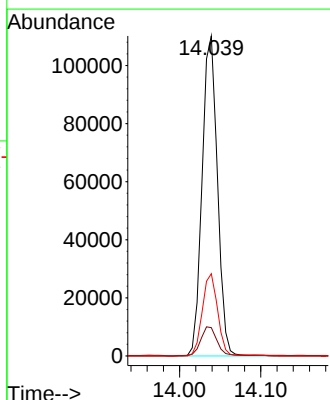
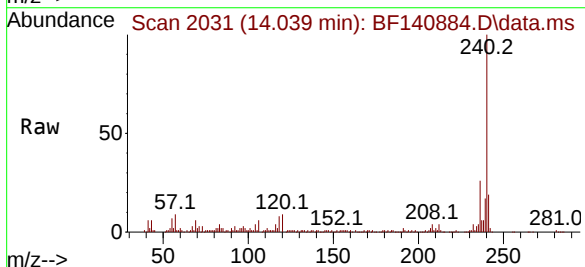
Tgt Ion:240 Resp: 144181

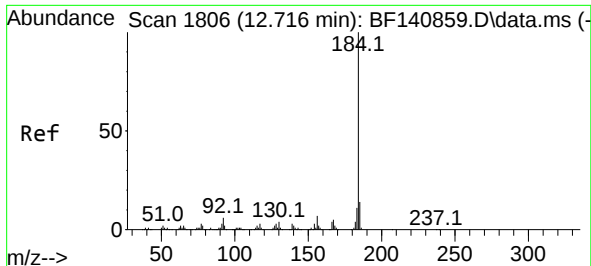
Ion Ratio Lower Upper

240 100

120 8.9 7.6 11.4

236 25.7 20.5 30.7

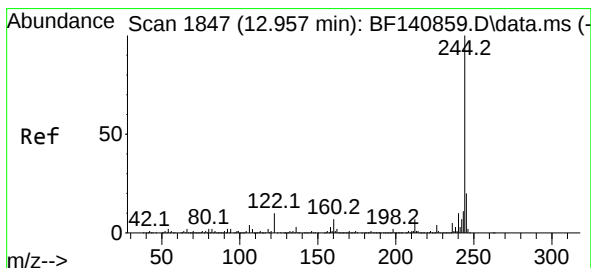
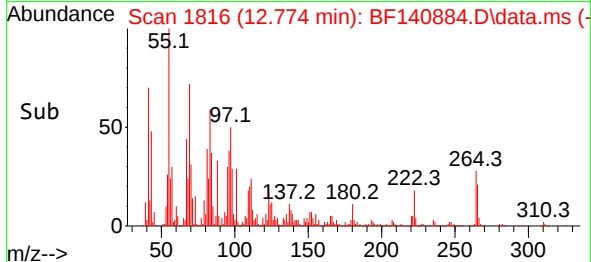
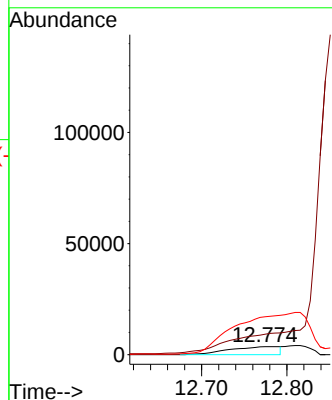
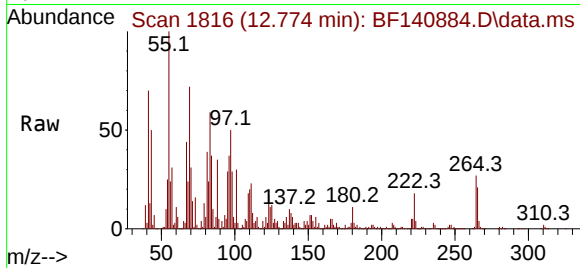




#77
Benzidine
Concen: 5.046 ng
RT: 12.774 min Scan# 1816
Delta R.T. 0.058 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

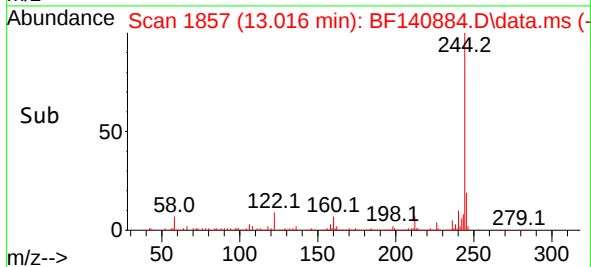
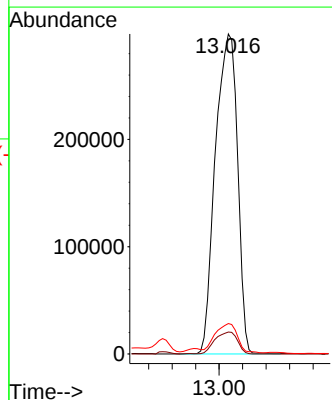
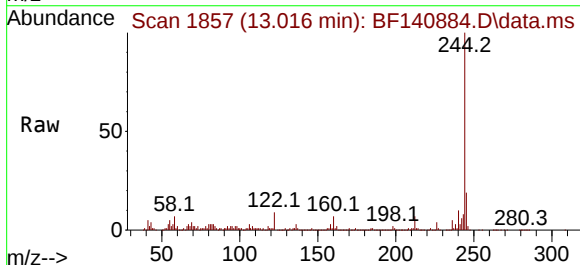
Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATERRE

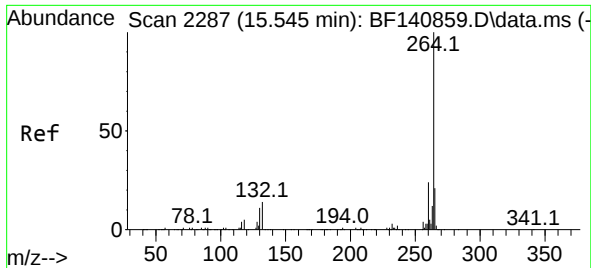
Tgt Ion:184 Resp: 14848
Ion Ratio Lower Upper
184 100
185 255.0 11.1 16.7#
183 472.9 9.0 13.4#



#79
Terphenyl-d14
Concen: 85.257 ng
RT: 13.016 min Scan# 1857
Delta R.T. 0.059 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

Tgt Ion:244 Resp: 779547
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 9.5 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATERRE

Tgt Ion:264 Resp: 175828

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.1	28.7
265	21.9	17.0	25.4

