

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082824\
 Data File : BF139204.D
 Acq On : 28 Aug 2024 12:44
 Operator : RC/JU
 Sample : P3731-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-Waste Water

Quant Time: Aug 28 13:10:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:51:47 2024
 Response via : Initial Calibration

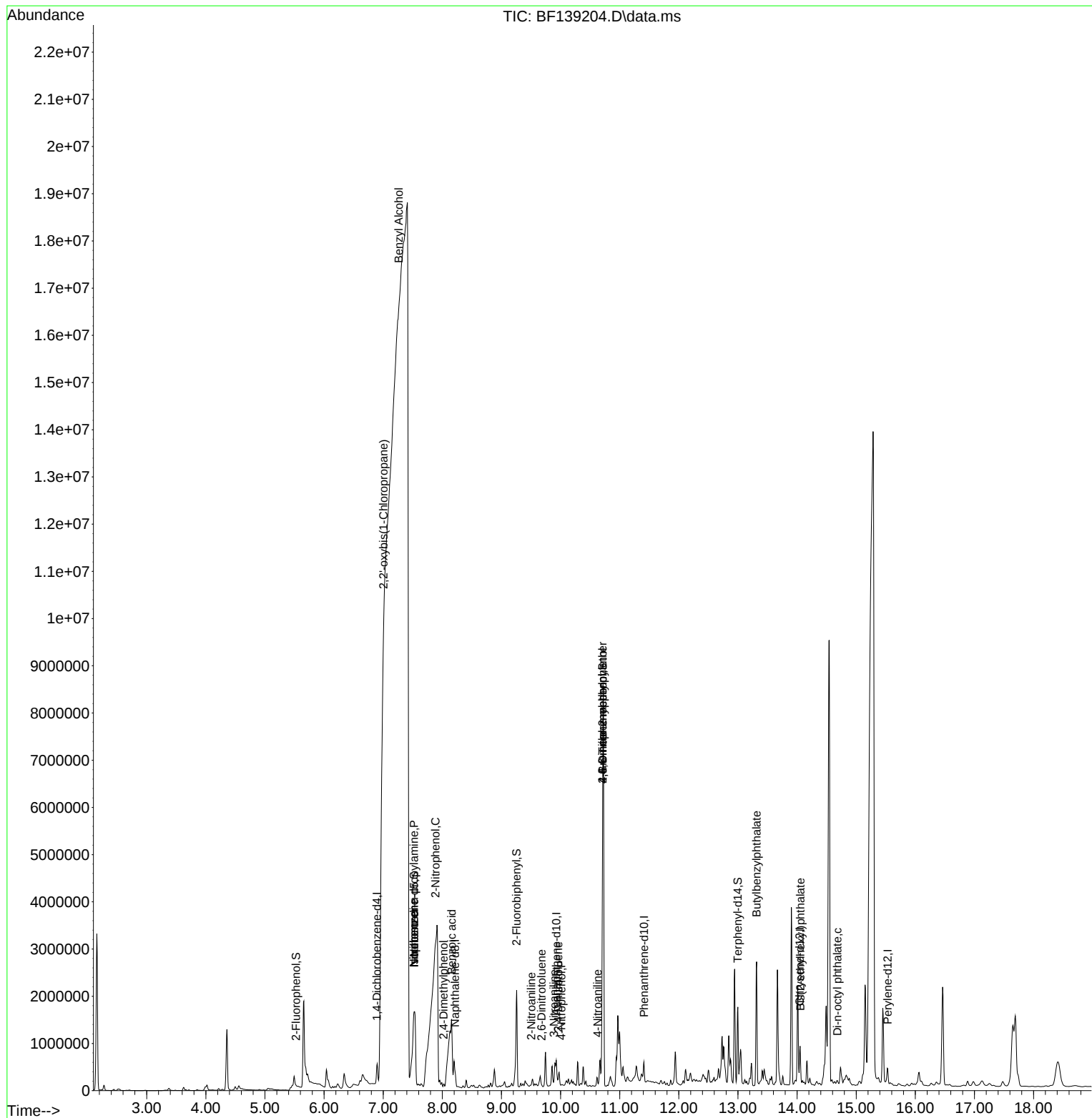
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	74802	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	258700	20.000	ng	0.04
39) Acenaphthene-d10	9.927	164	137381	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	203685	20.000	ng	0.00
76) Chrysene-d12	14.045	240	174744	20.000	ng	0.00
86) Perylene-d12	15.533	264	180200	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	21405	4.808	ng	0.02
7) Phenol-d6	6.534	99	4055	0.664	ng	0.01
23) Nitrobenzene-d5	7.522	82	446291	95.573	ng	0.06
42) 2,4,6-Tribromophenol	10.710	330	108676	92.364	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	761182	86.066	ng	0.00
79) Terphenyl-d14	12.998	244	771919	68.926	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.263	79	240493	52.225	ng	# 36
16) 2,2'-oxybis(1-Chloropr...	7.004	45	151912	21.571	ng	93
19) n-Nitroso-di-n-propyla...	7.522	70	179622	49.157	ng	# 67
24) Nitrobenzene	7.522	77	5567	4.209	ng	# 27
25) Isophorone	7.522	82	446291	48.329	ng	# 69
26) 2-Nitrophenol	7.886	139	179	4.986	ng	# 1
27) 2,4-Dimethylphenol	8.022	122	7984	2.917	ng	# 1
32) Benzoic acid	8.157	122	565161	203.075	ng	99
48) 2-Nitroaniline	9.504	65	969	6.144	ng	# 55
51) 2,6-Dinitrotoluene	9.680	165	1011	5.726	ng	# 57
53) 3-Nitroaniline	9.886	138	1760	5.359	ng	# 10
56) 4-Nitrophenol	10.016	139	205	5.292	ng	# 77
57) 2,4-Dinitrotoluene	9.963	165	5923	8.338	ng	# 1
62) 4-Nitroaniline	10.627	138	439	3.143	ng	83
65) 4,6-Dinitro-2-methylph...	10.710	198	232	7.195	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	6610	3.054	ng	# 1
80) Butylbenzylphthalate	13.315	149	1493	4.878	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.057	149	15633	8.040	ng	# 92
85) Di-n-octyl phthalate	14.680	149	2057	9.169	ng	# 60

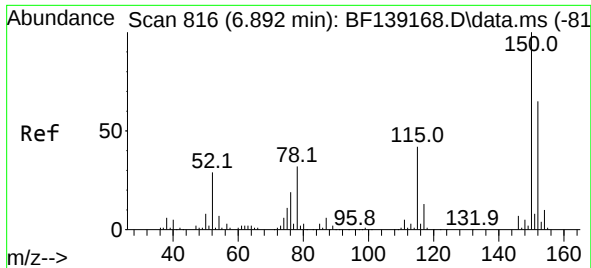
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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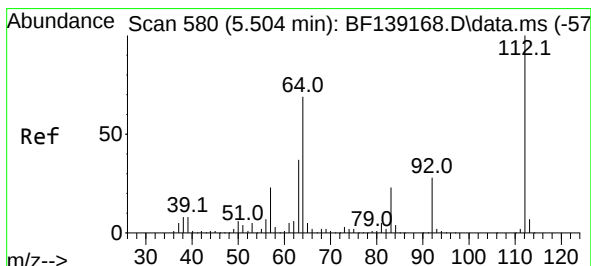
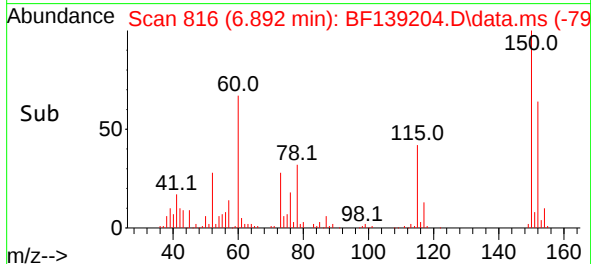
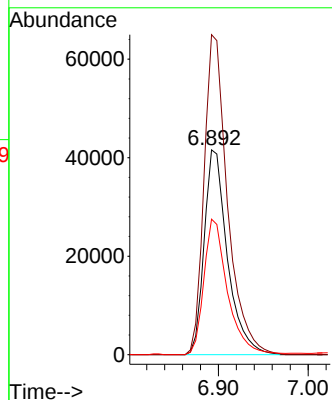
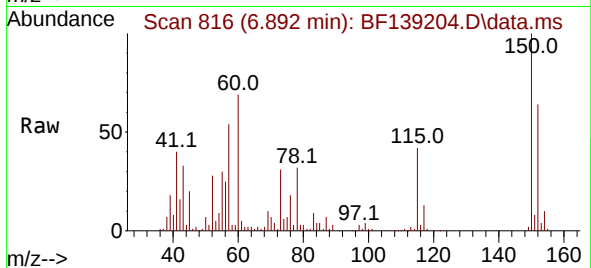




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 816
 Delta R.T. 0.000 min
 Lab File: BF139204.D
 Acq: 28 Aug 2024 12:44

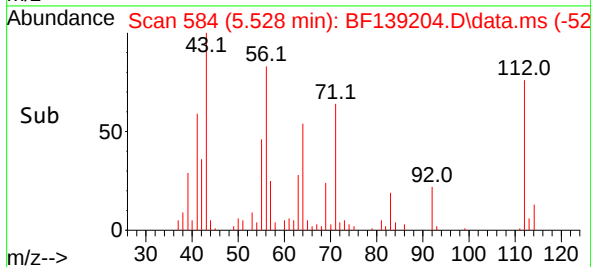
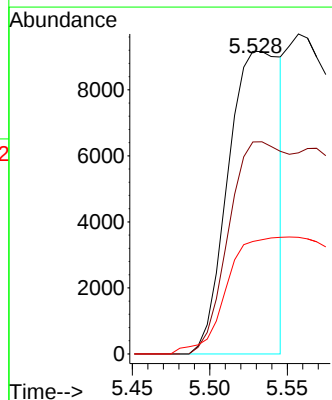
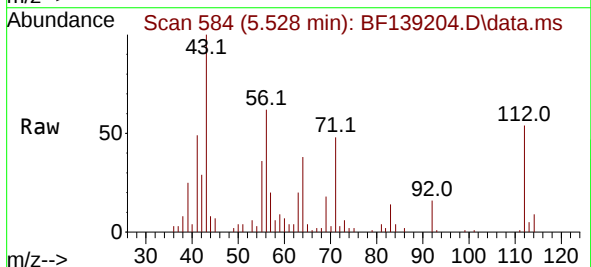
Instrument :
 BNA_F
 ClientSampleId :
 EFF-Waste Water

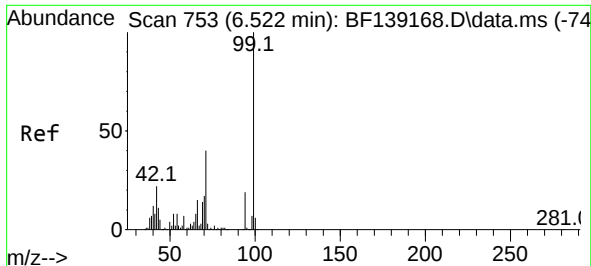
Tgt Ion:152 Resp: 74802
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.7 185.5
 115 66.2 51.8 77.8



#5
 2-Fluorophenol
 Concen: 4.808 ng
 RT: 5.528 min Scan# 584
 Delta R.T. 0.023 min
 Lab File: BF139204.D
 Acq: 28 Aug 2024 12:44

Tgt Ion:112 Resp: 21405
 Ion Ratio Lower Upper
 112 100
 64 70.1 55.5 83.3
 63 37.2 29.8 44.6

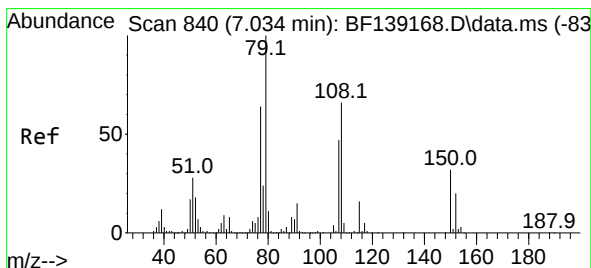
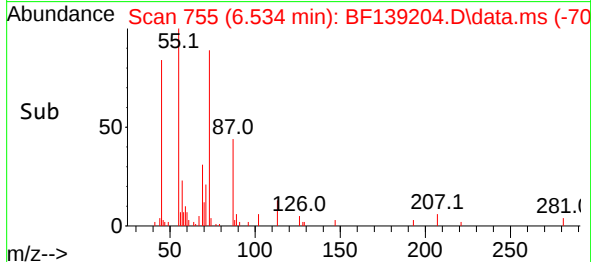
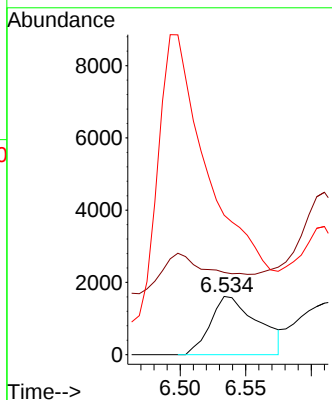
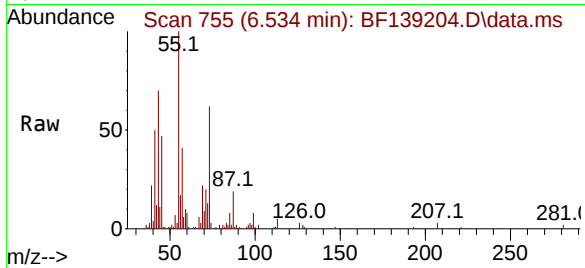




#7
Phenol-d6
Concen: 0.664 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF139204.D
Acq: 28 Aug 2024 12:44

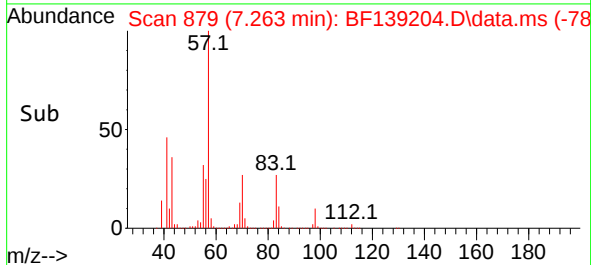
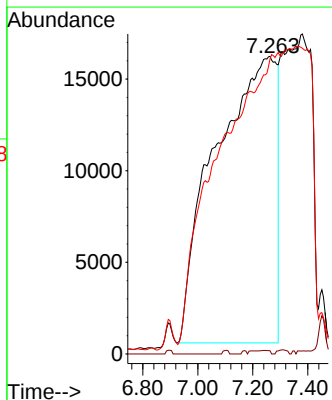
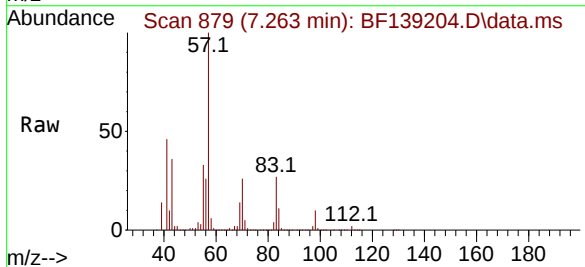
Instrument :
BNA_F
ClientSampleId :
EFF-Waste Water

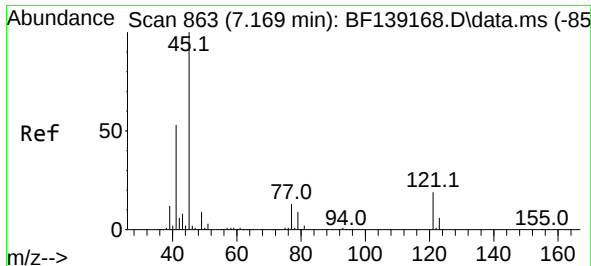
Tgt Ion: 99 Resp: 4055
Ion Ratio Lower Upper
99 100
42 141.4 17.9 26.9#
71 239.8 31.7 47.5#



#15
Benzyl Alcohol
Concen: 52.225 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.229 min
Lab File: BF139204.D
Acq: 28 Aug 2024 12:44

Tgt Ion: 79 Resp: 240493
Ion Ratio Lower Upper
79 100
108 1.1 52.7 79.1#
77 99.2 51.2 76.8#

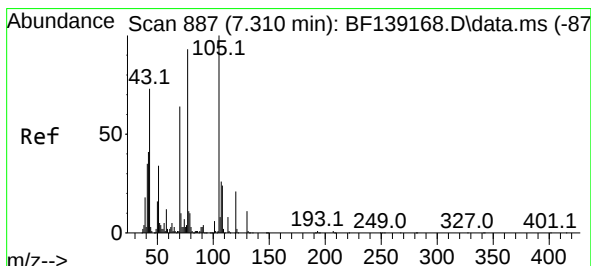
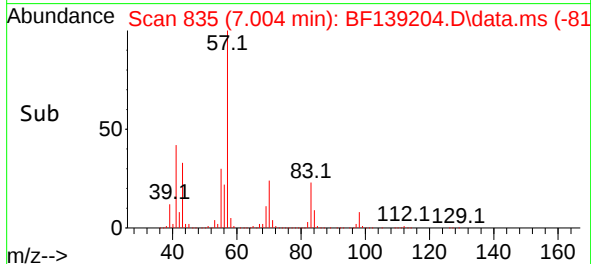
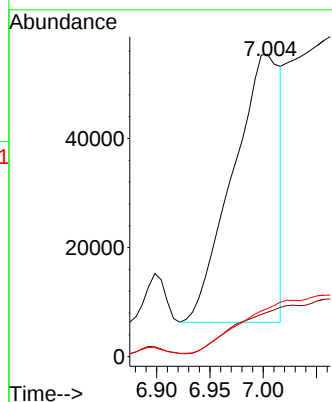
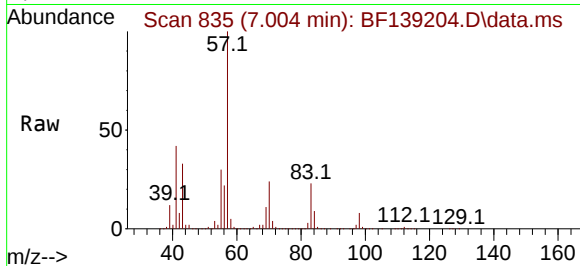




#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.571 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.165 min
Lab File: BF139204.D
Acq: 28 Aug 2024 12:44

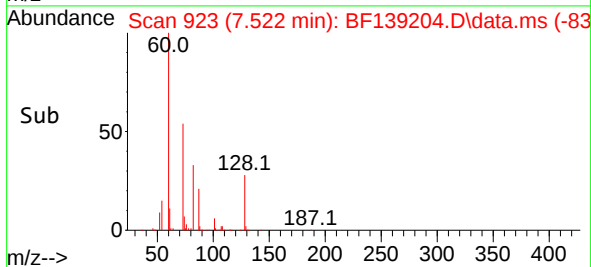
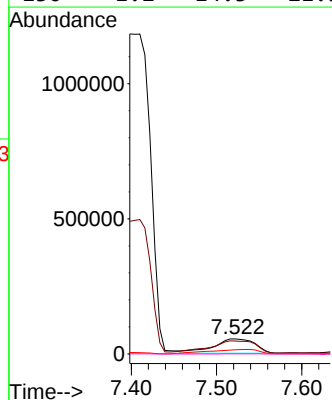
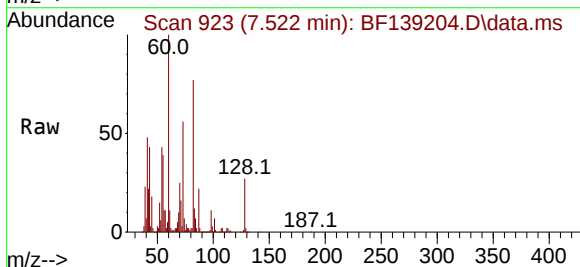
Instrument :
BNA_F
ClientSampleId :
EFF-Waste Water

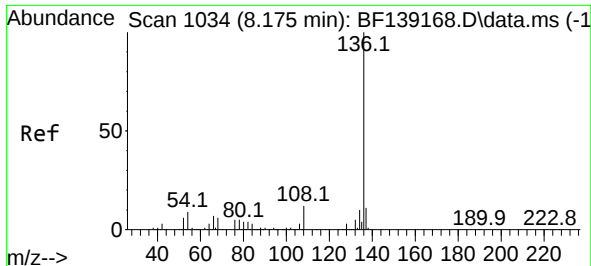
Tgt Ion: 45 Resp: 151912
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.9
79 15.9 0.0 30.5



#19
n-Nitroso-di-n-propylamine
Concen: 49.157 ng
RT: 7.522 min Scan# 923
Delta R.T. 0.212 min
Lab File: BF139204.D
Acq: 28 Aug 2024 12:44

Tgt Ion: 70 Resp: 179622
Ion Ratio Lower Upper
70 100
42 85.8 50.8 76.2#
101 27.8 7.4 11.0#
130 1.2 14.3 21.5#



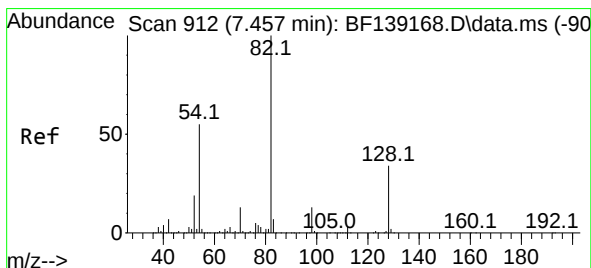
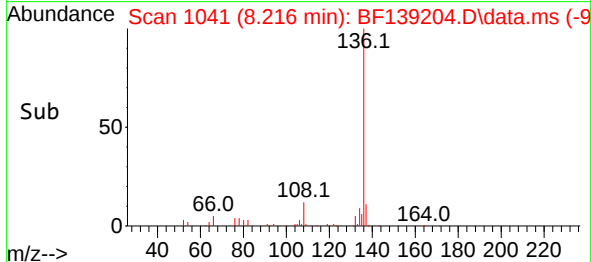
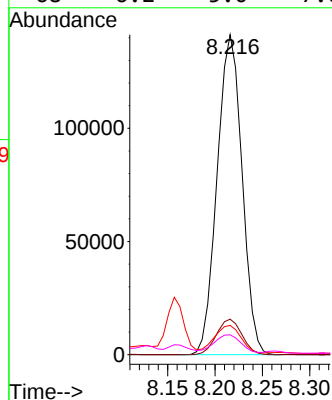
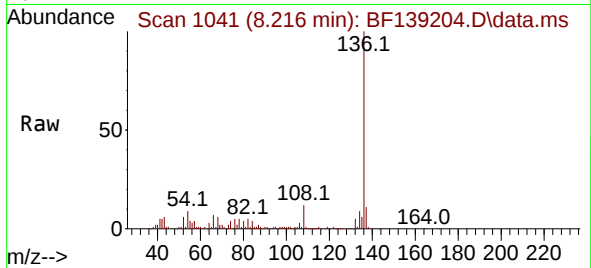


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1041
Delta R.T. 0.041 min
Lab File: BF139204.D
Acq: 28 Aug 2024 12:44

Instrument :
BNA_F
ClientSampleId :
EFF-Waste Water

Tgt Ion:136 Resp: 258700

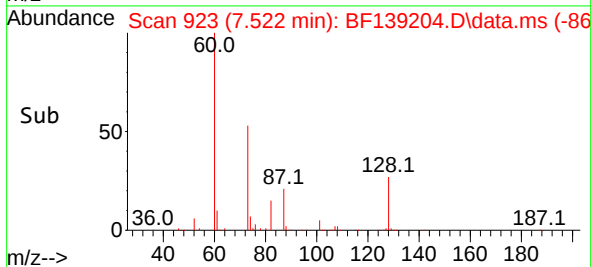
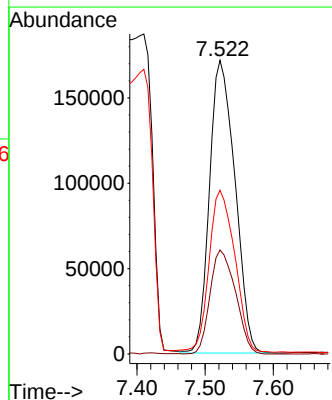
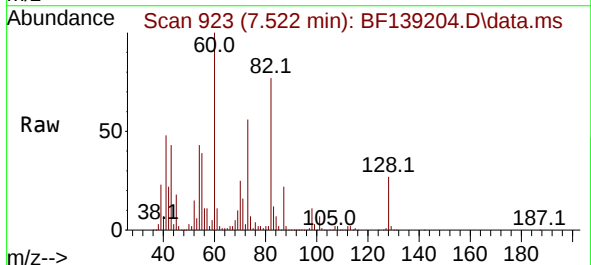
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	9.2	7.6	11.4
68	6.2	5.0	7.6

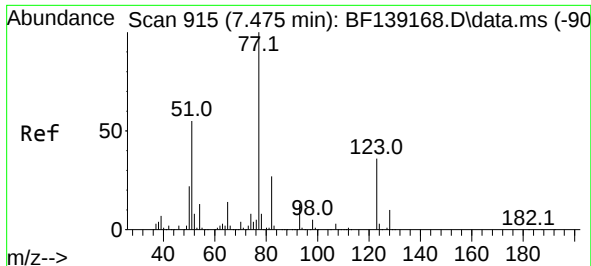


#23
Nitrobenzene-d5
Concen: 95.573 ng
RT: 7.522 min Scan# 923
Delta R.T. 0.065 min
Lab File: BF139204.D
Acq: 28 Aug 2024 12:44

Tgt Ion: 82 Resp: 446291

Ion	Ratio	Lower	Upper
82	100		
128	35.4	27.1	40.7
54	55.8	44.2	66.4

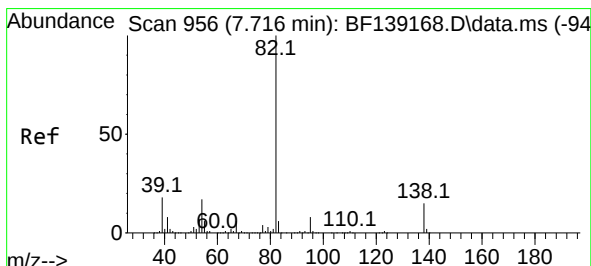
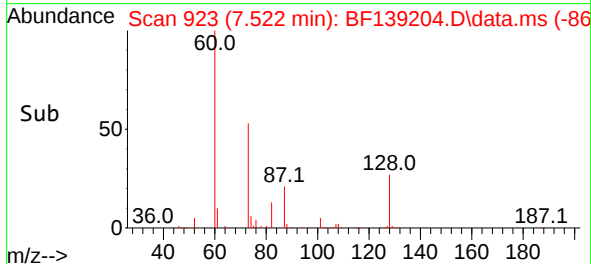
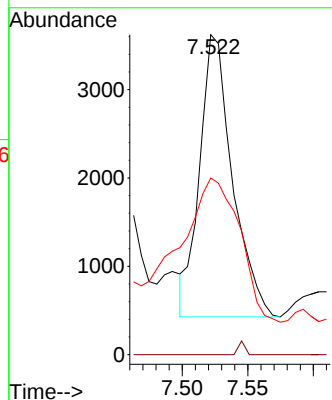
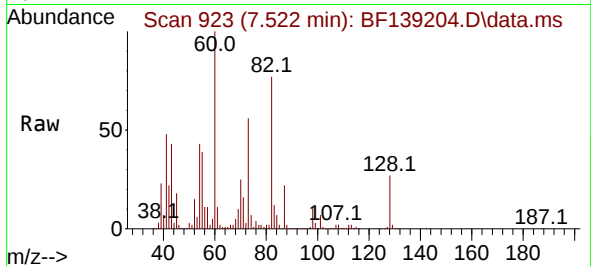




#24
Nitrobenzene
Concen: 4.209 ng
RT: 7.522 min Scan# 915
Delta R.T. 0.047 min
Lab File: BF139204.D
Acq: 28 Aug 2024 12:44

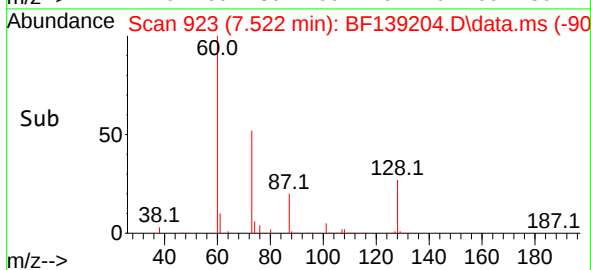
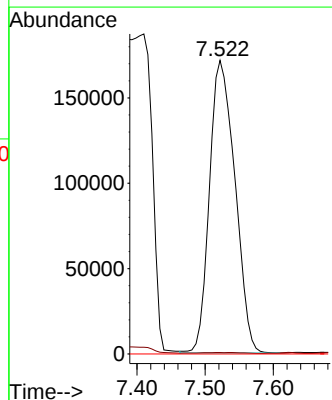
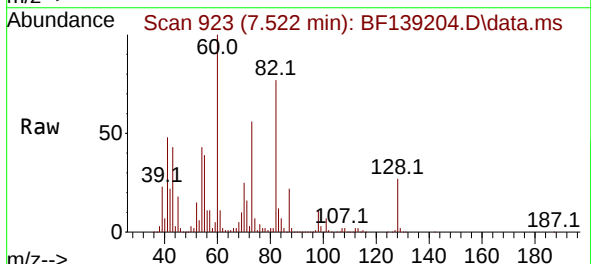
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BNA_F
ClientSampleId :
EFF-Waste Water

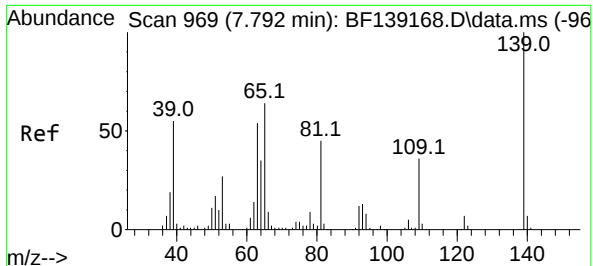
Tgt Ion: 77 Resp: 5567
Ion Ratio Lower Upper
77 100
123 0.0 28.7 43.1#
65 55.2 10.9 16.3#



#25
Isophorone
Concen: 48.329 ng
RT: 7.522 min Scan# 923
Delta R.T. -0.194 min
Lab File: BF139204.D
Acq: 28 Aug 2024 12:44

Tgt Ion: 82 Resp: 446291
Ion Ratio Lower Upper
82 100
95 0.5 6.1 9.1#
138 0.0 12.2 18.4#

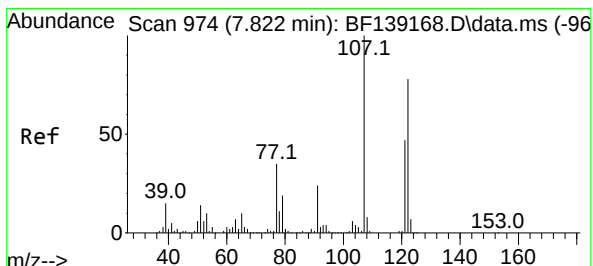
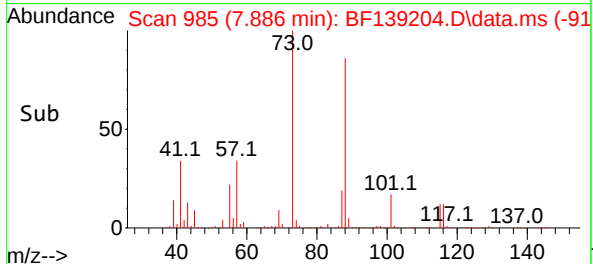
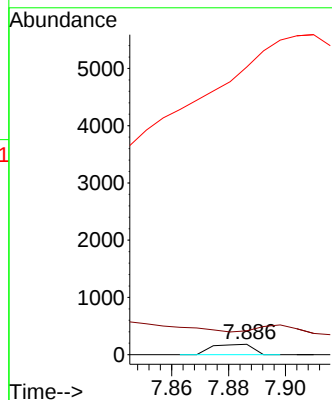
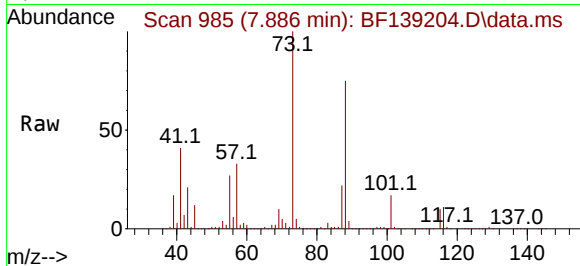




#26
2-Nitrophenol
Concen: 4.986 ng
RT: 7.886 min Scan# 91
Delta R.T. 0.094 min
Lab File: BF139204.D
Acq: 28 Aug 2024 12:44

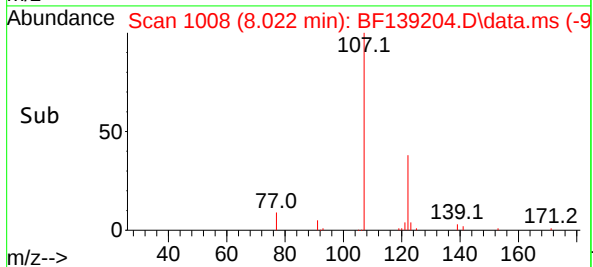
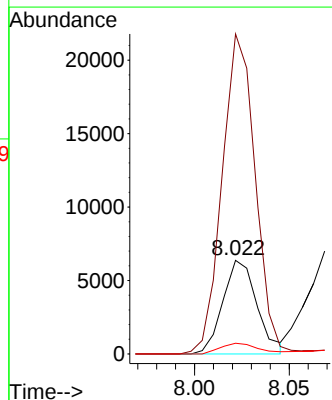
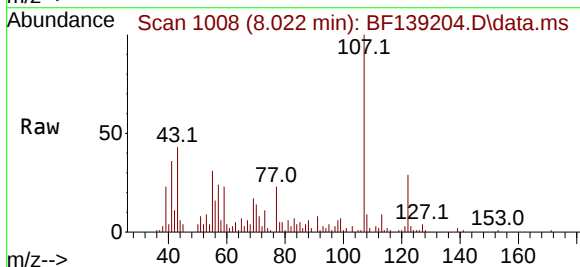
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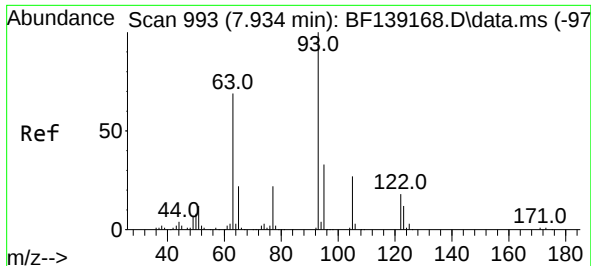
Tgt Ion:139 Resp: 179
Ion Ratio Lower Upper
139 100
109 230.4 28.9 43.3#
65 2776.8 51.1 76.7#



#27
2,4-Dimethylphenol
Concen: 2.917 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.200 min
Lab File: BF139204.D
Acq: 28 Aug 2024 12:44

Tgt Ion:122 Resp: 7984
Ion Ratio Lower Upper
122 100
107 341.9 102.1 153.1#
121 11.5 47.8 71.6#

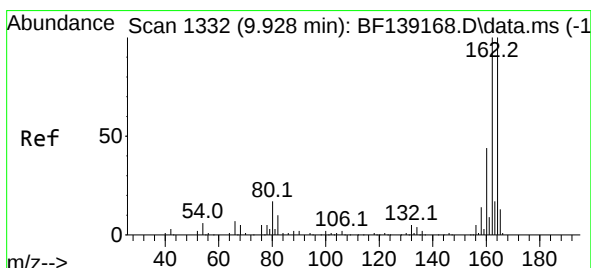
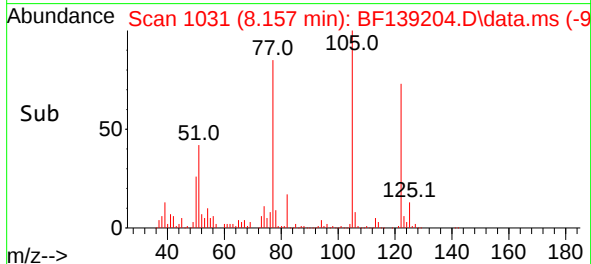
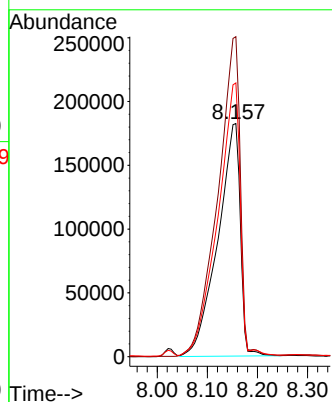
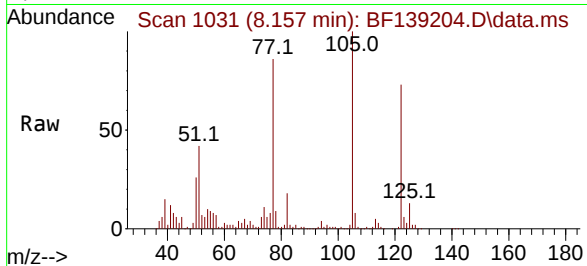




#32
Benzoic acid
Concen: 203.075 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.223 min
Lab File: BF139204.D
Acq: 28 Aug 2024 12:44

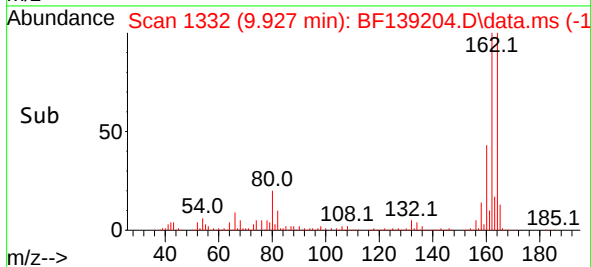
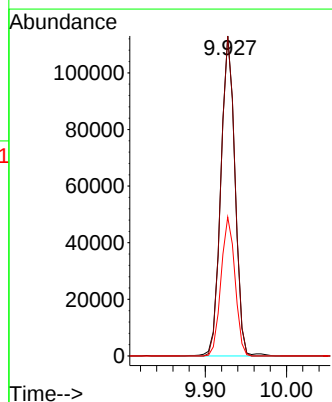
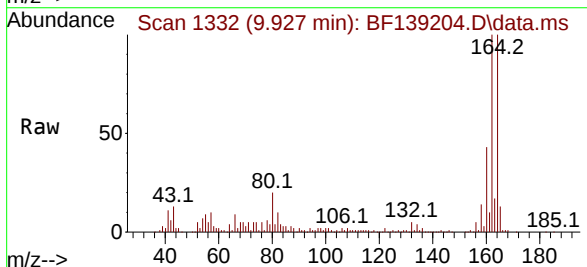
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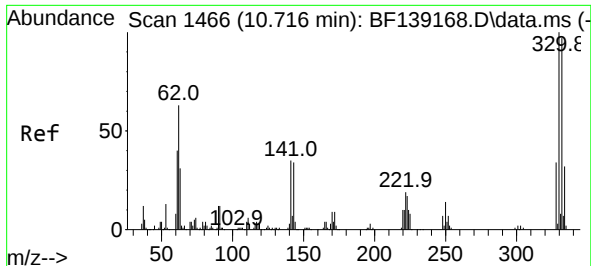
Tgt Ion:122 Resp: 565161
Ion Ratio Lower Upper
122 100
105 137.3 118.9 158.9
77 117.4 96.4 136.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF139204.D
Acq: 28 Aug 2024 12:44

Tgt Ion:164 Resp: 137381
Ion Ratio Lower Upper
164 100
162 99.9 80.0 120.0
160 43.4 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 92.364 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139204.D

Acq: 28 Aug 2024 12:44

Instrument :

BNA_F

ClientSampleId :

EFF-Waste Water

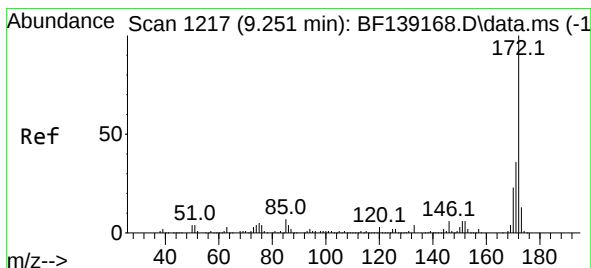
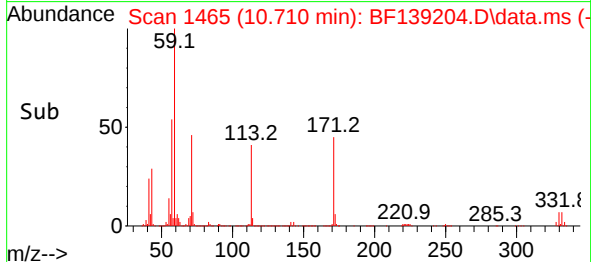
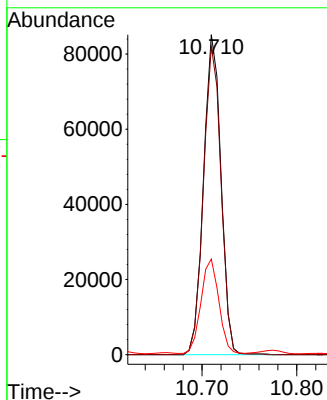
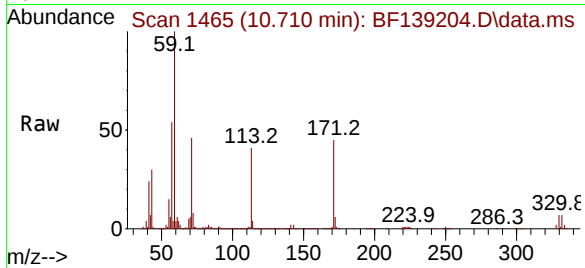
Tgt Ion:330 Resp: 108676

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 30.1 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 86.066 ng

RT: 9.257 min Scan# 1218

Delta R.T. 0.006 min

Lab File: BF139204.D

Acq: 28 Aug 2024 12:44

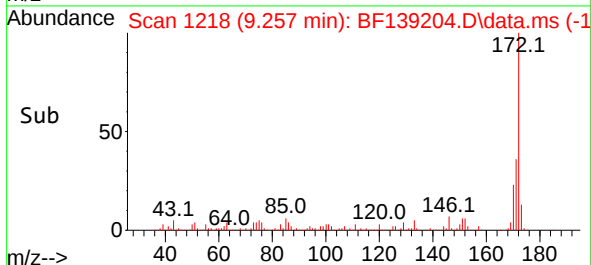
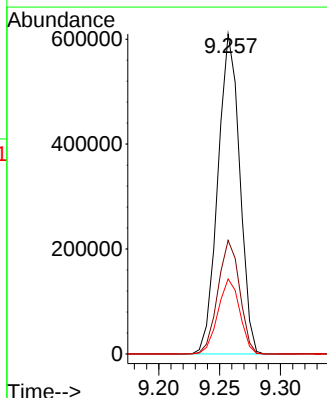
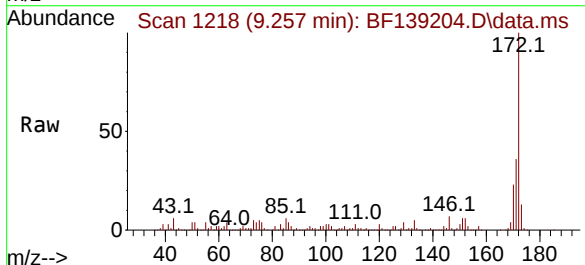
Tgt Ion:172 Resp: 761182

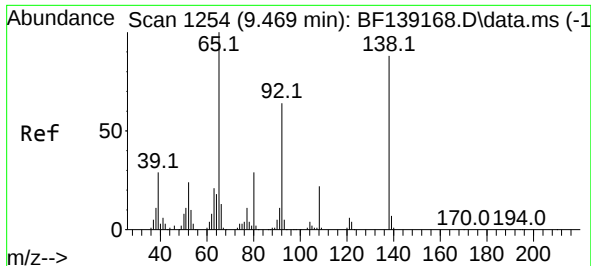
Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.5 18.8 28.2

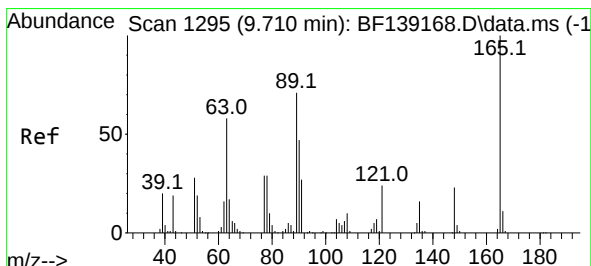
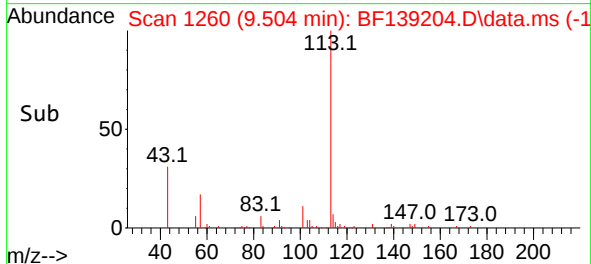
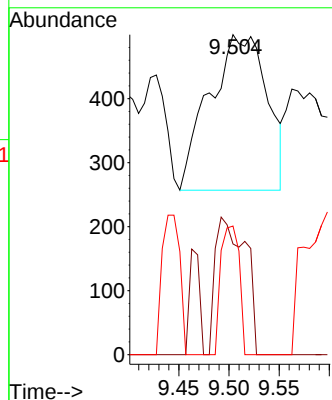
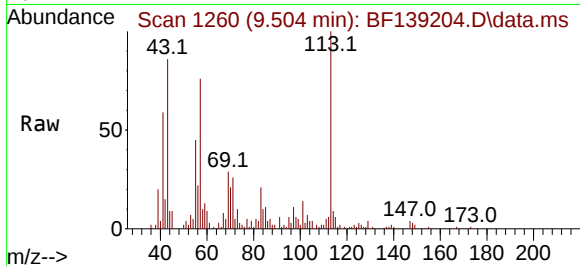




#48
2-Nitroaniline
Concen: 6.144 ng
RT: 9.504 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF139204.D
Acq: 28 Aug 2024 12:44

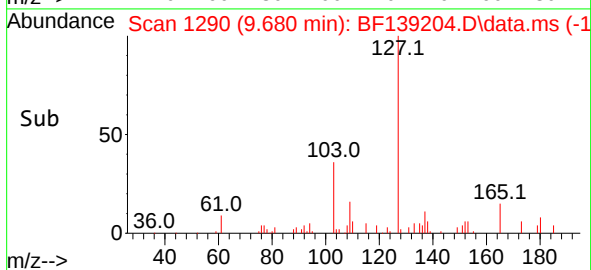
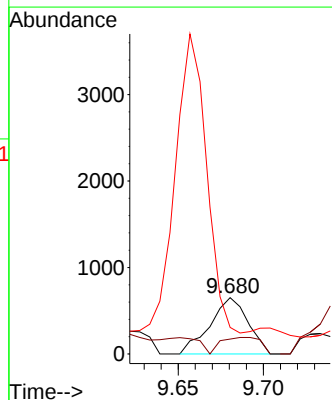
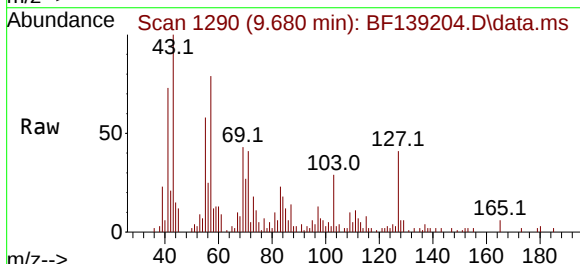
Instrument :
BNA_F
ClientSampleId :
EFF-Waste Water

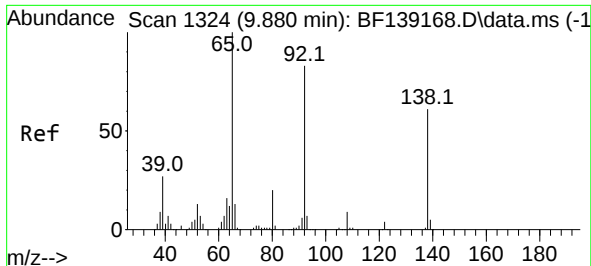
Tgt Ion: 65 Resp: 969
Ion Ratio Lower Upper
65 100
92 34.6 51.2 76.8#
138 40.2 70.0 105.0#



#51
2,6-Dinitrotoluene
Concen: 5.726 ng
RT: 9.680 min Scan# 1290
Delta R.T. -0.030 min
Lab File: BF139204.D
Acq: 28 Aug 2024 12:44

Tgt Ion: 165 Resp: 1011
Ion Ratio Lower Upper
165 100
63 26.4 60.1 90.1#
89 47.2 57.0 85.6#

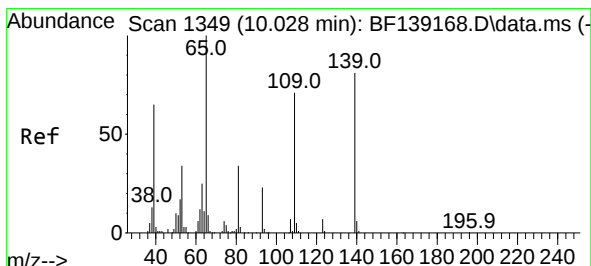
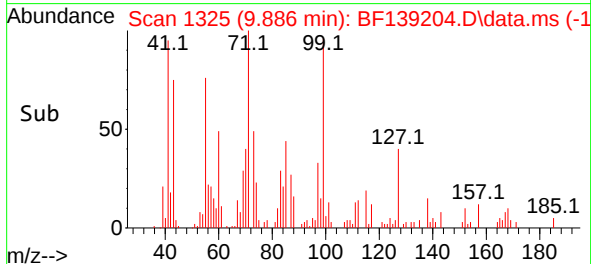
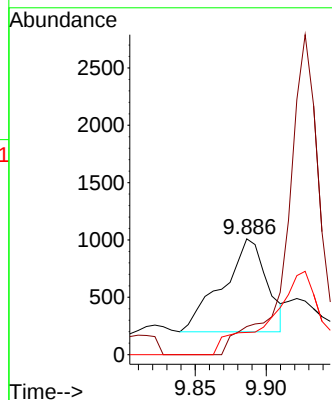
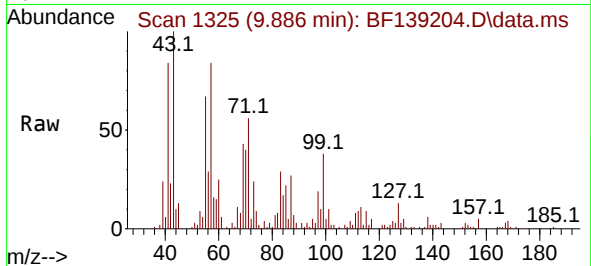




#53
3-Nitroaniline
Concen: 5.359 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139204.D
Acq: 28 Aug 2024 12:44

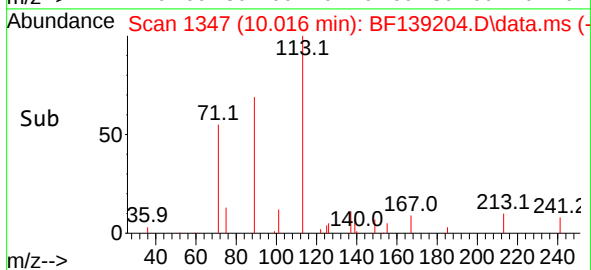
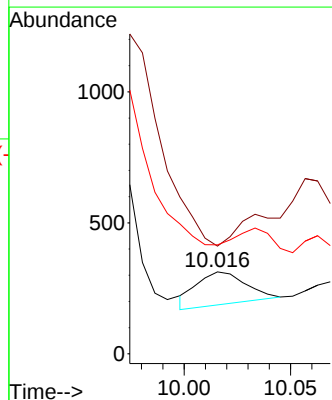
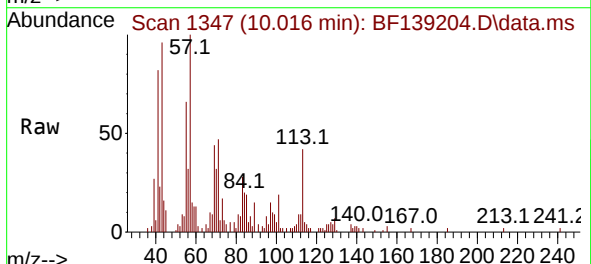
Instrument :
BNA_F
ClientSampleId :
EFF-Waste Water

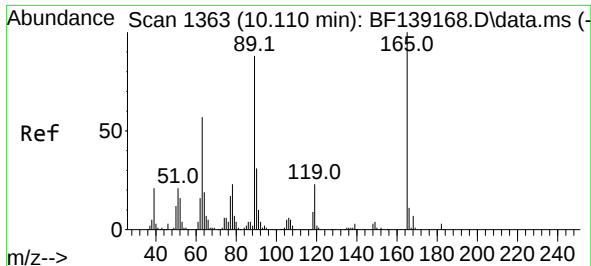
Tgt Ion:138 Resp: 1760
Ion Ratio Lower Upper
138 100
108 24.3 11.8 17.6#
92 19.2 108.2 162.2#



#56
4-Nitrophenol
Concen: 5.292 ng
RT: 10.016 min Scan# 1347
Delta R.T. -0.012 min
Lab File: BF139204.D
Acq: 28 Aug 2024 12:44

Tgt Ion:139 Resp: 205
Ion Ratio Lower Upper
139 100
109 131.3 68.2 108.2#
65 132.9 104.7 144.7

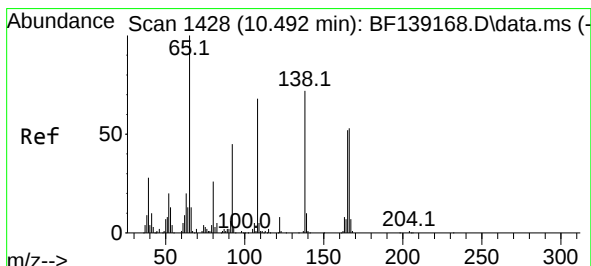
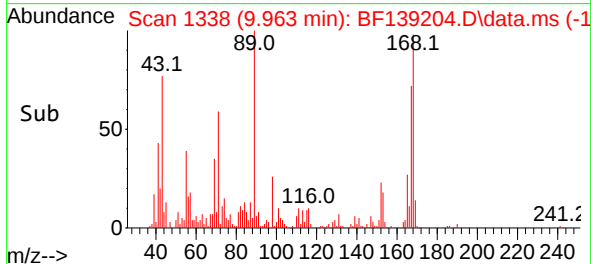
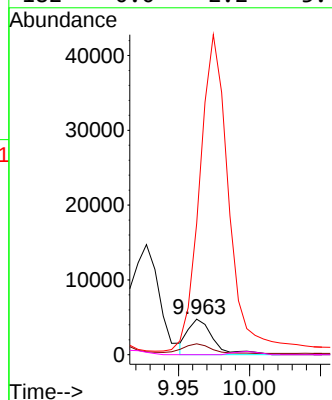
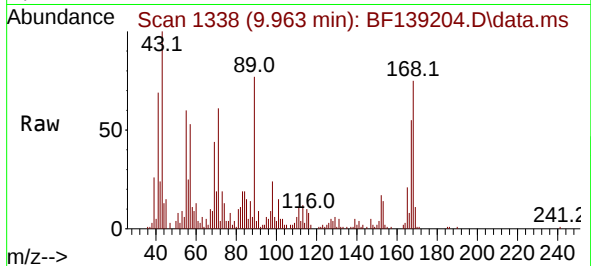




#57
2,4-Dinitrotoluene
Concen: 8.338 ng
RT: 9.963 min Scan# 1451
Delta R.T. -0.147 min
Lab File: BF139204.D
Acq: 28 Aug 2024 12:44

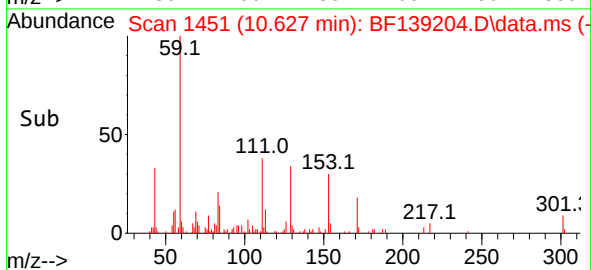
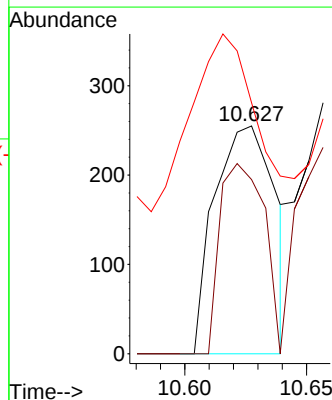
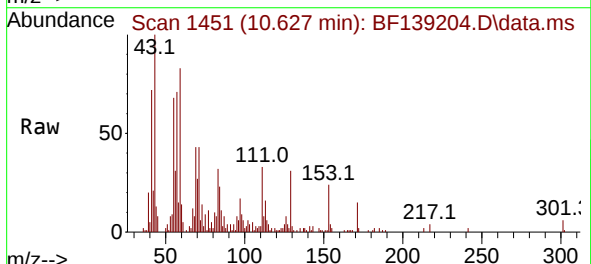
Instrument :
BNA_F
ClientSampleId :
EFF-Waste Water

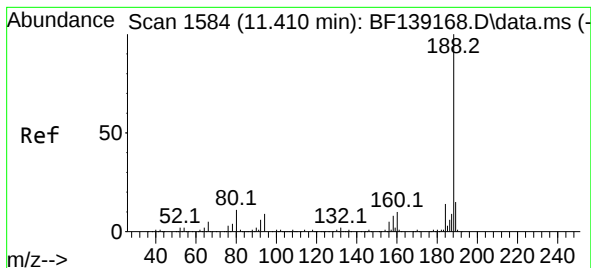
Tgt Ion:165 Resp: 5923
Ion Ratio Lower Upper
165 100
63 30.7 46.2 69.2#
89 369.8 70.2 105.4#
182 0.0 2.2 3.4#



#62
4-Nitroaniline
Concen: 3.143 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.135 min
Lab File: BF139204.D
Acq: 28 Aug 2024 12:44

Tgt Ion:138 Resp: 439
Ion Ratio Lower Upper
138 100
92 76.5 42.4 82.4
108 110.2 74.0 114.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139204.D

Acq: 28 Aug 2024 12:44

Instrument :

BNA_F

ClientSampleId :

EFF-Waste Water

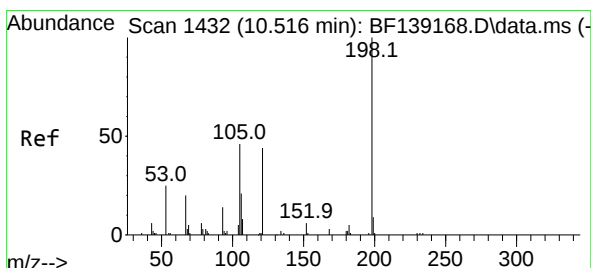
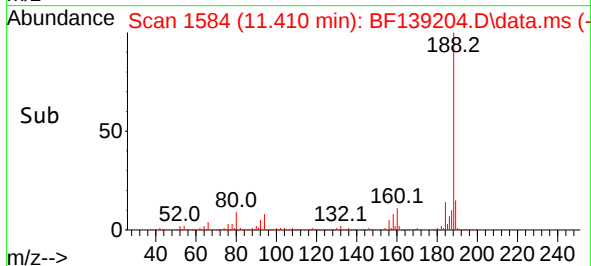
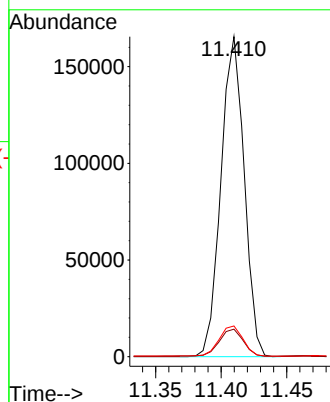
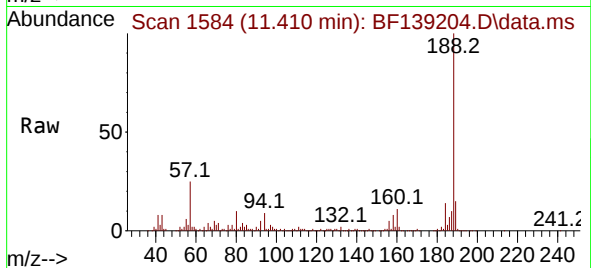
Tgt Ion:188 Resp: 203685

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

80 9.6 8.9 13.3



#65

4,6-Dinitro-2-methylphenol

Concen: 7.195 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.194 min

Lab File: BF139204.D

Acq: 28 Aug 2024 12:44

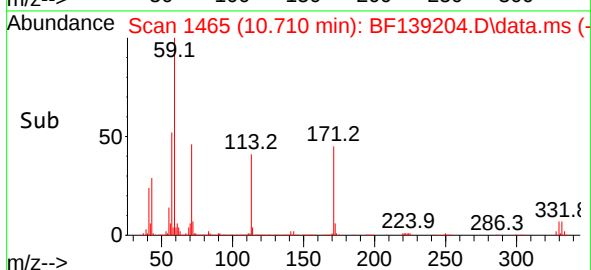
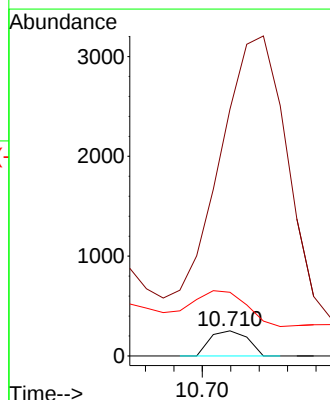
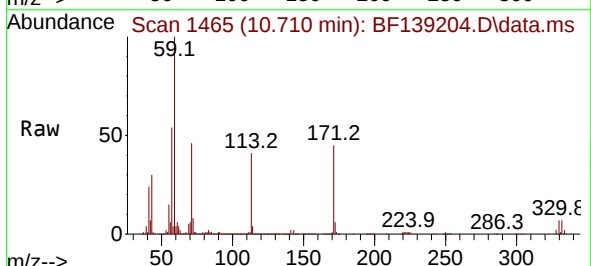
Tgt Ion:198 Resp: 232

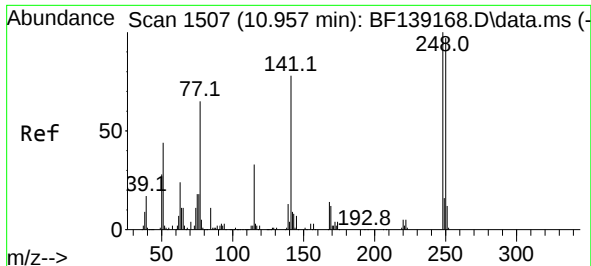
Ion Ratio Lower Upper

198 100

51 981.0 39.2 79.2#

105 253.2 29.3 69.3#





#67

4-Bromophenyl-phenylether

Concen: 3.054 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF139204.D

Acq: 28 Aug 2024 12:44

Instrument :

BNA_F

ClientSampleId :

EFF-Waste Water

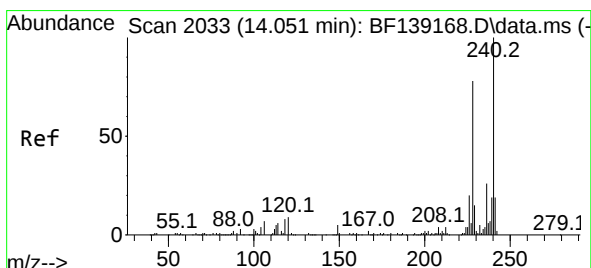
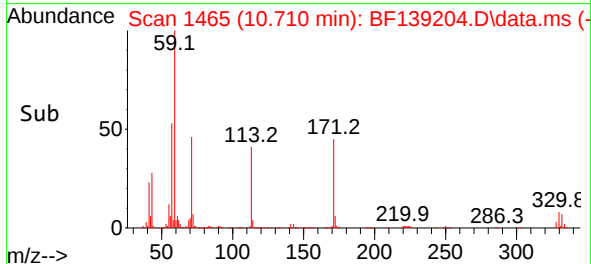
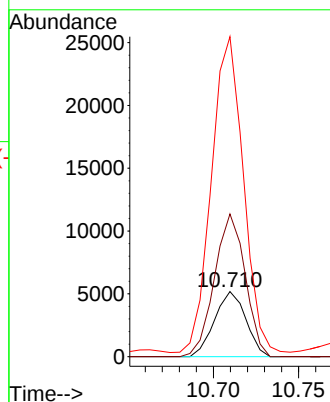
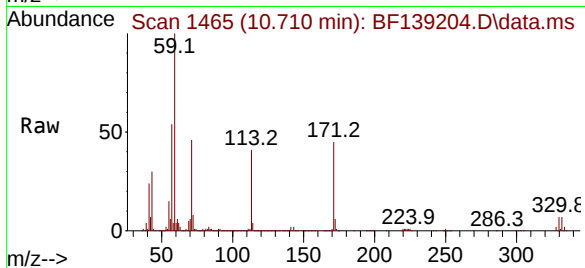
Tgt Ion:248 Resp: 6610

Ion Ratio Lower Upper

248 100

250 218.9 78.0 117.0#

141 491.1 62.6 94.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139204.D

Acq: 28 Aug 2024 12:44

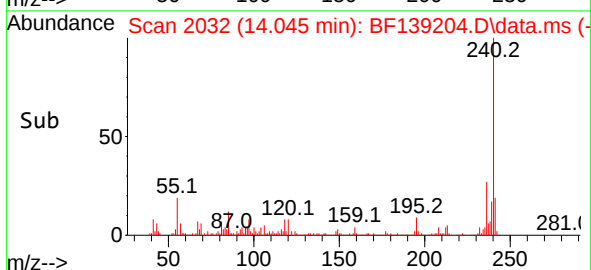
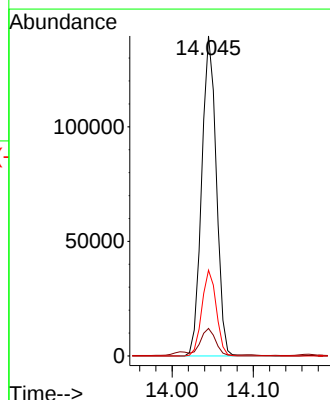
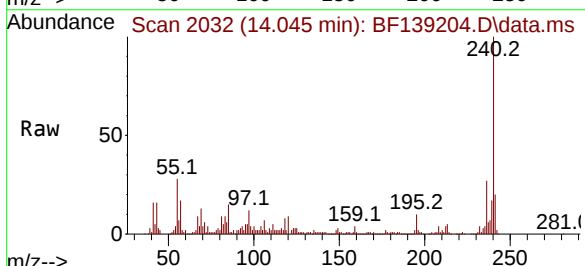
Tgt Ion:240 Resp: 174744

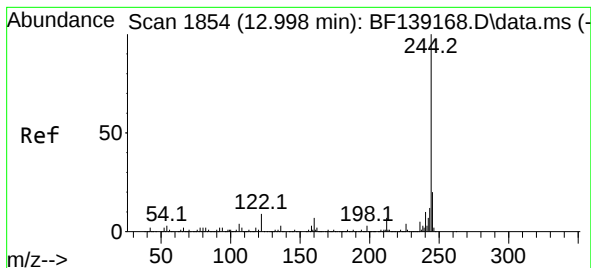
Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

236 26.8 20.9 31.3





#79

Terphenyl-d14

Concen: 68.926 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139204.D

Acq: 28 Aug 2024 12:44

Instrument :

BNA_F

ClientSampleId :

EFF-Waste Water

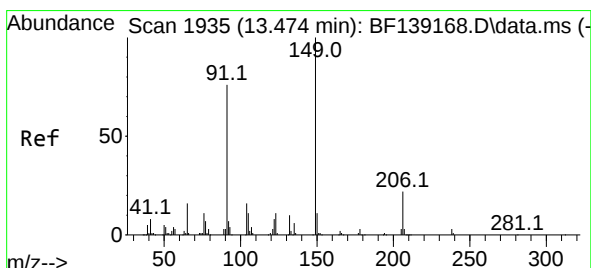
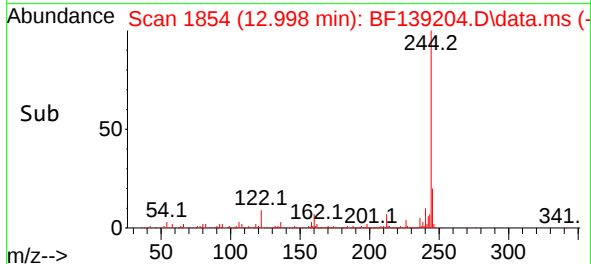
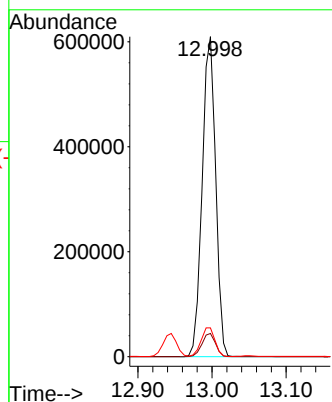
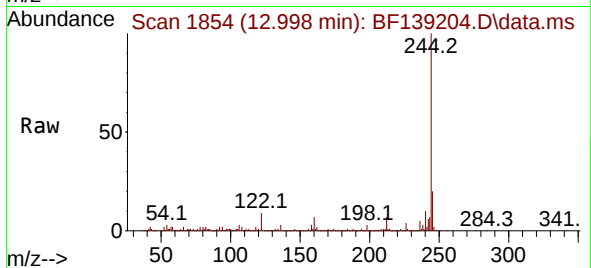
Tgt Ion:244 Resp: 771919

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 9.0 7.6 11.4



#80

Butylbenzylphthalate

Concen: 4.878 ng

RT: 13.315 min Scan# 1908

Delta R.T. -0.159 min

Lab File: BF139204.D

Acq: 28 Aug 2024 12:44

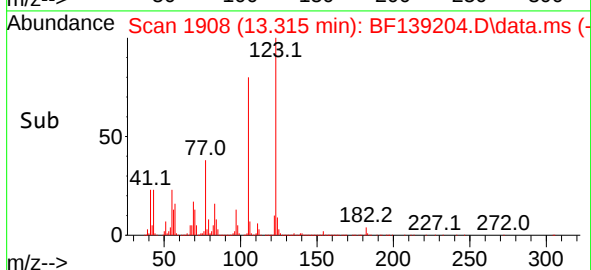
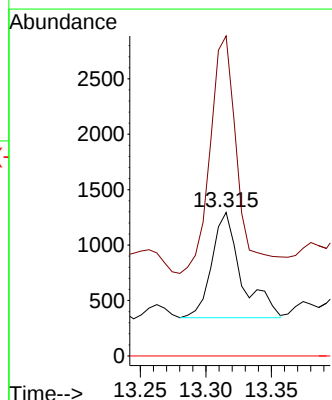
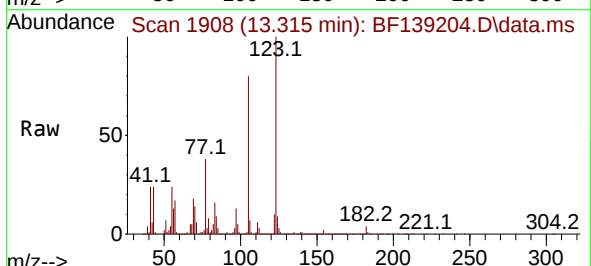
Tgt Ion:149 Resp: 1493

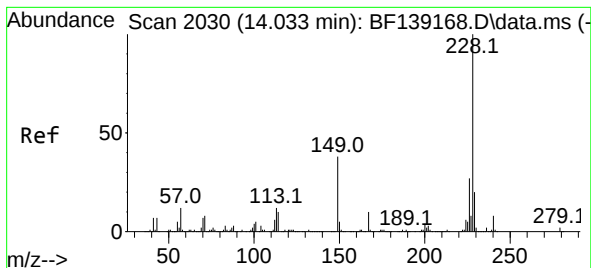
Ion Ratio Lower Upper

149 100

91 222.9 60.9 91.3#

206 0.0 17.7 26.5#

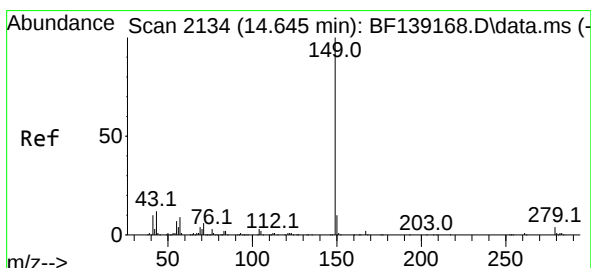
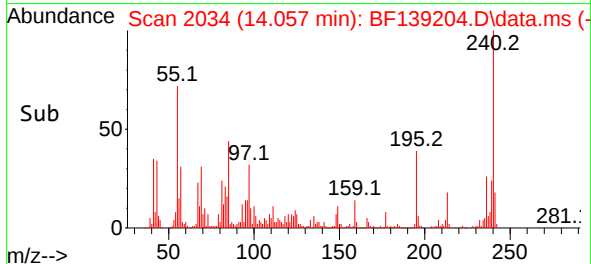
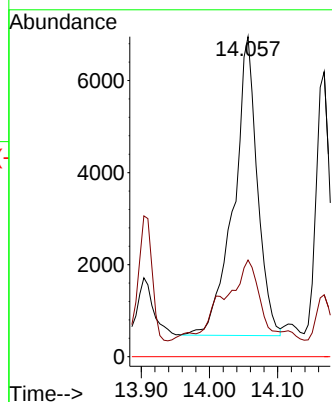
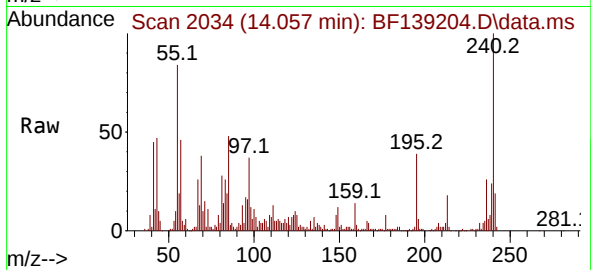




#84
Bis(2-ethylhexyl)phthalate
Concen: 8.040 ng
RT: 14.057 min Scan# 2030
Delta R.T. 0.024 min
Lab File: BF139204.D
Acq: 28 Aug 2024 12:44

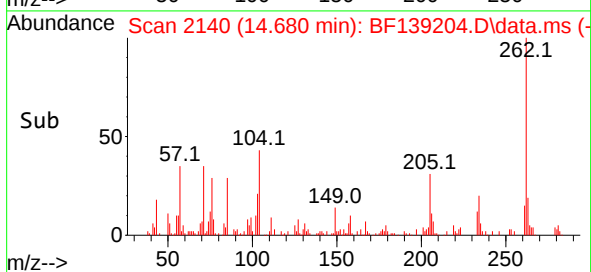
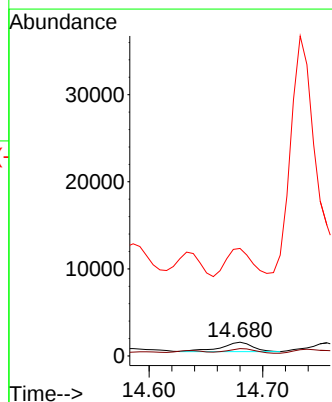
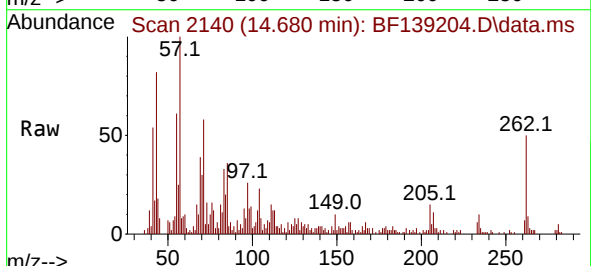
Instrument :
BNA_F
ClientSampleId :
EFF-Waste Water

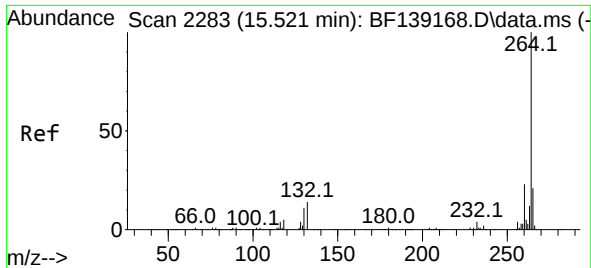
Tgt Ion:149 Resp: 15633
Ion Ratio Lower Upper
149 100
167 30.2 21.3 31.9
279 0.0 3.4 5.0#



#85
Di-n-octyl phthalate
Concen: 9.169 ng
RT: 14.680 min Scan# 2140
Delta R.T. 0.035 min
Lab File: BF139204.D
Acq: 28 Aug 2024 12:44

Tgt Ion:149 Resp: 2057
Ion Ratio Lower Upper
149 100
167 42.2 1.3 1.9#
43 0.0 9.9 14.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF139204.D
 Acq: 28 Aug 2024 12:44

Instrument :
 BNA_F
 ClientSampleId :
 EFF-Waste Water

Tgt Ion:264 Resp: 180200
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.3 27.5
 265 21.1 17.0 25.6

