

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119562.D
 Acq On : 27 Mar 2020 11:49
 Operator : CG/JU
 Sample : L2033-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-RECLAMATION-TANKS

Quant Time: Mar 27 12:23:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

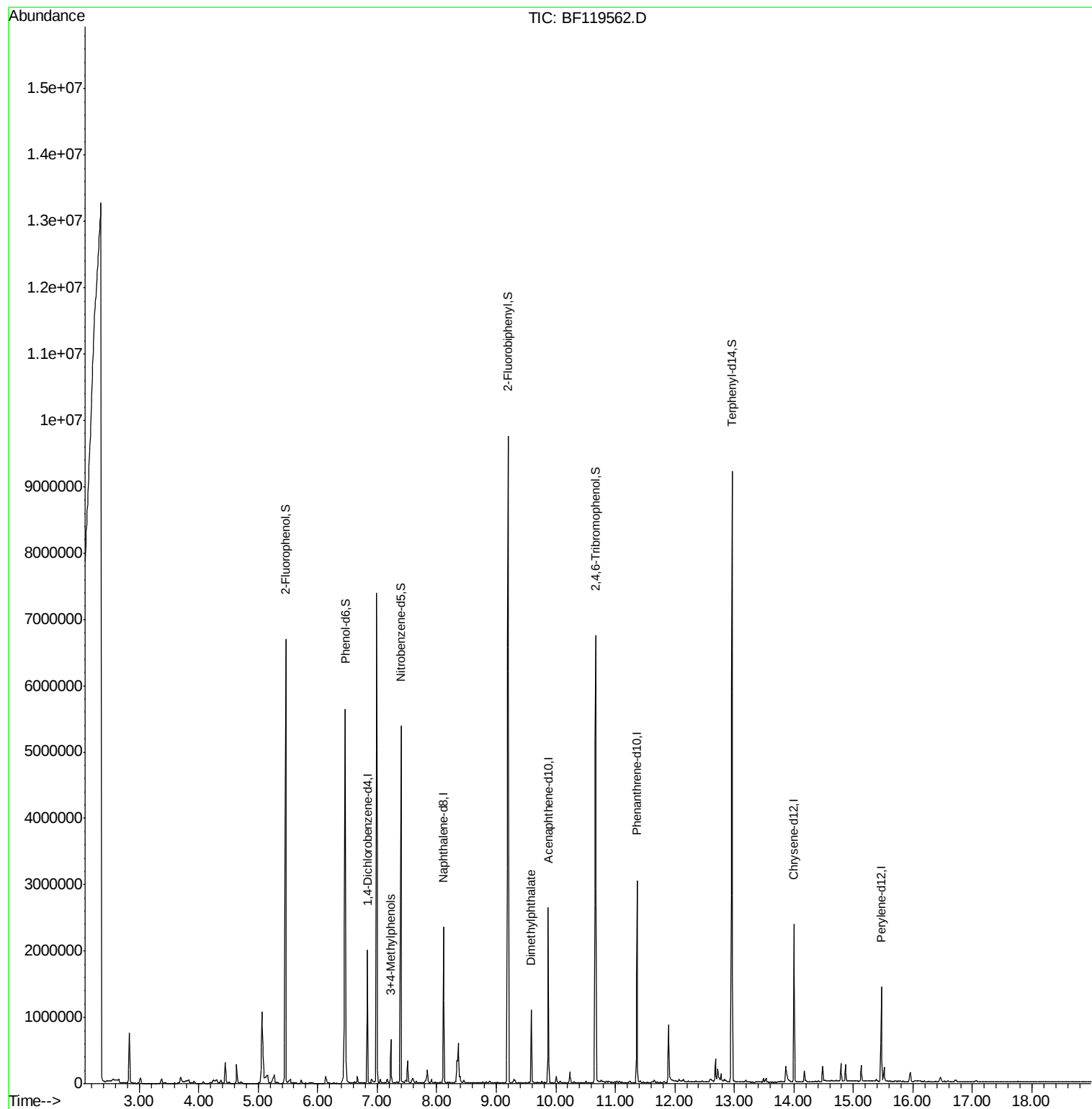
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	259636	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	992347	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	541697	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1053551	20.00	ng	0.00
76) Chrysene-d12	14.00	240	788708	20.00	ng	-0.01
87) Perylene-d12	15.47	264	643428	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1973359	120.99	ng	0.02
7) Phenol-d6	6.46	99	2212958	106.22	ng	0.00
23) Nitrobenzene-d5	7.40	82	1767352	96.79	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	869911	155.66	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3303019	90.33	ng	0.00
79) Terphenyl-d14	12.96	244	3831149	95.17	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.23	107	144317	7.503	ng	Qvalue # 76
50) Dimethylphthalate	9.59	163	458739	11.922	ng	100

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

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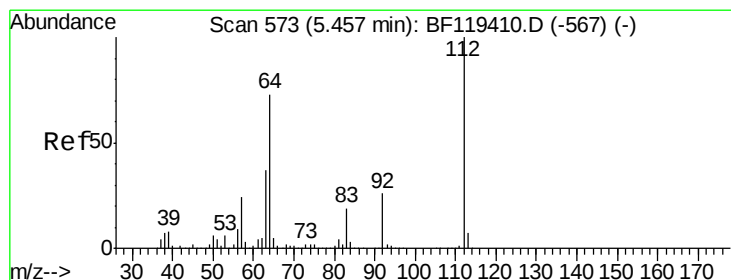
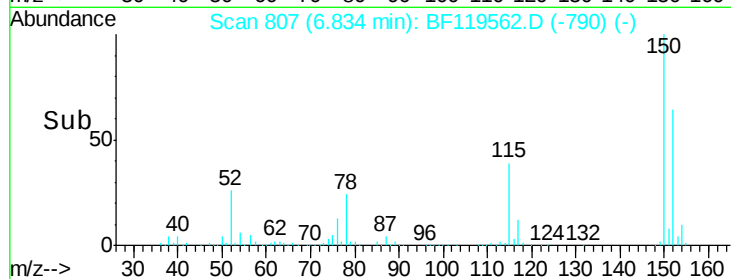
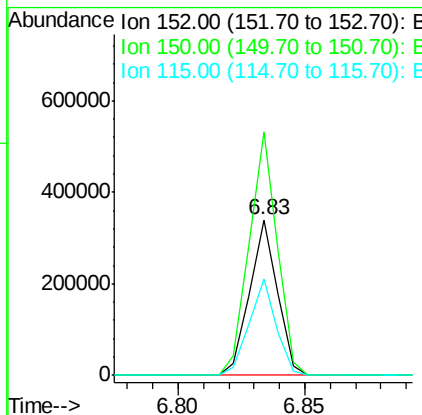
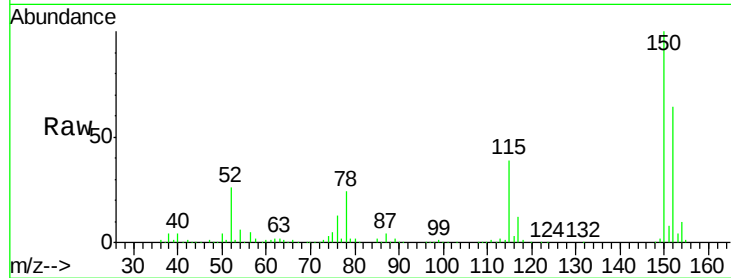


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119562.D
Acq: 27 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :
WATER-RECLAMATION-TANKS

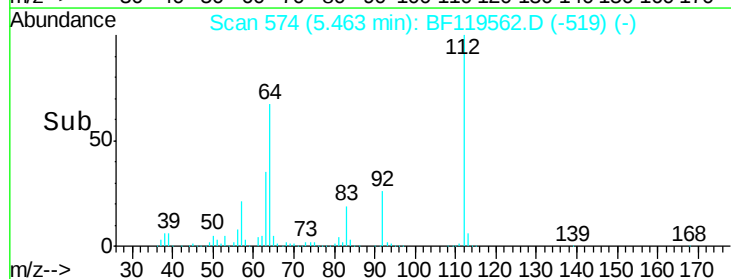
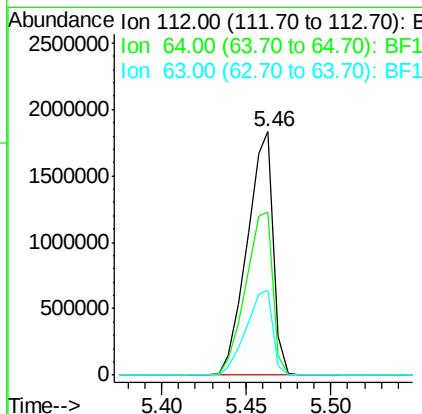
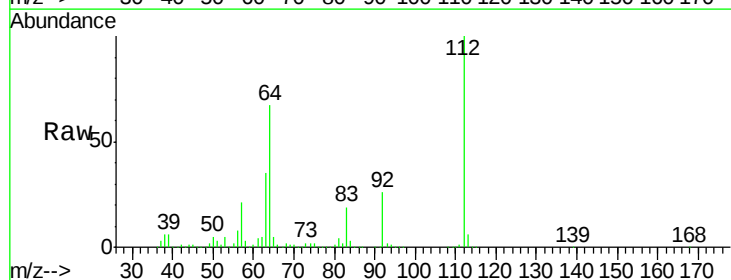
Tot Ion:152 Resp: 259636
Ion Ratio Lower Upper
152 100
150 156.8 124.5 186.7
115 61.9 49.6 74.4

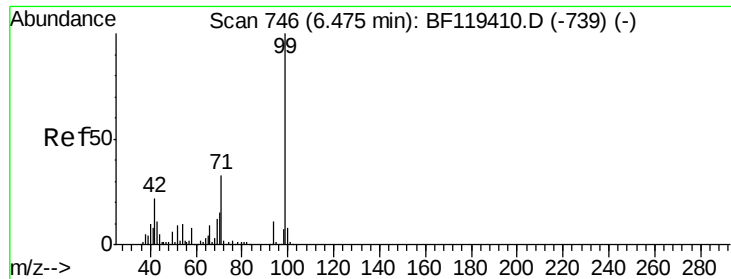


#5

2-Fluorophenol
Concen: 120.992 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF119562.D
Acq: 27 Mar 2020 11:49

Tgt Ion:112 Resp: 1973359
Ion Ratio Lower Upper
112 100
64 67.1 56.7 85.1
63 34.7 29.5 44.3





#7

Phenol-d6

Concen: 106.216 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119562.D

Acq: 27 Mar 2020 11:49

Instrument :

BNA_F

ClientSampleId :

WATER-RECLAMATION-TANKS

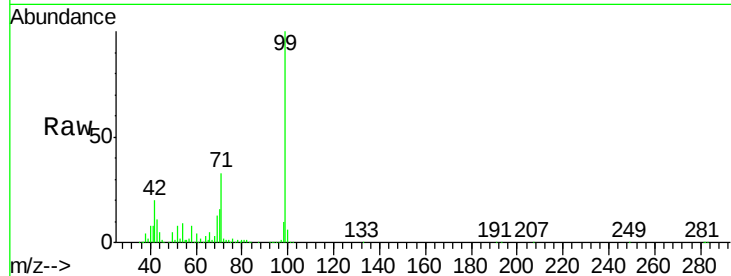
Tot Ion: 99 Resp: 2212958

Ion Ratio Lower Upper

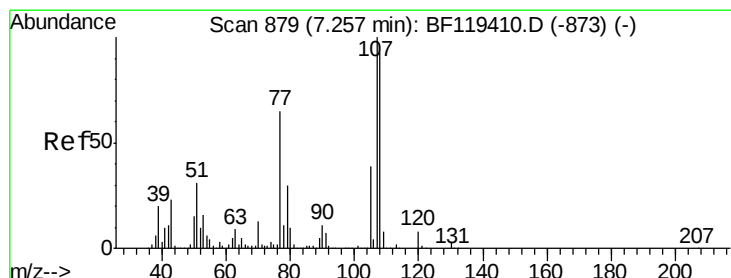
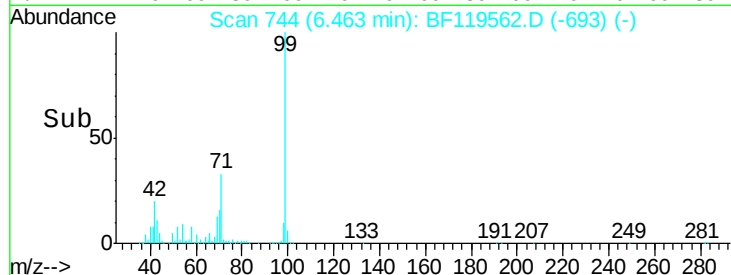
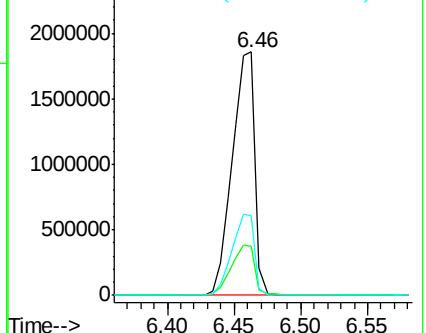
99 100

42 20.2 16.6 24.8

71 32.7 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#20

3+4-Methylphenols

Concen: 7.503 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF119562.D

Acq: 27 Mar 2020 11:49

Tgt Ion:107 Resp: 144317

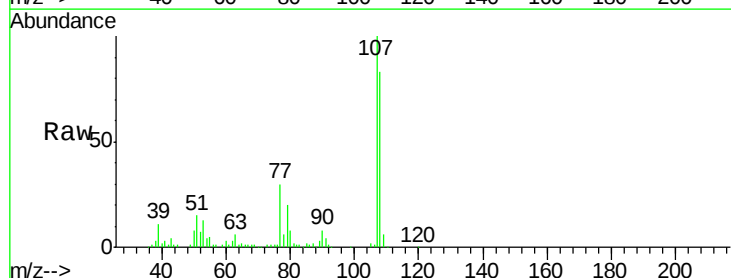
Ion Ratio Lower Upper

107 100

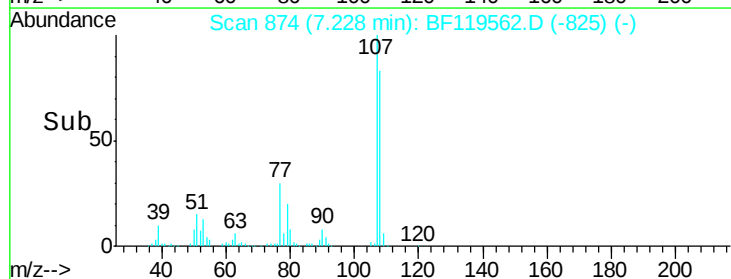
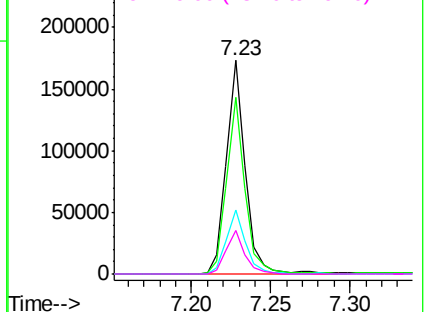
108 82.7 67.9 107.9

77 30.2 52.9 92.9#

79 20.1 7.7 47.7



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119562.D

Acq: 27 Mar 2020 11:49

Instrument :

BNA_F

ClientSampleId :

WATER-RECLAMATION-TANKS

Tot Ion:136 Resp: 992347

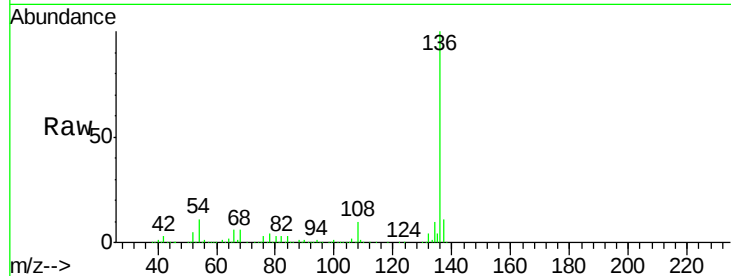
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 10.8 9.1 13.7

68 5.8 4.6 6.8

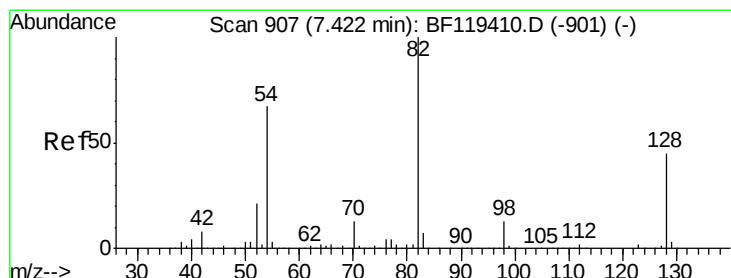
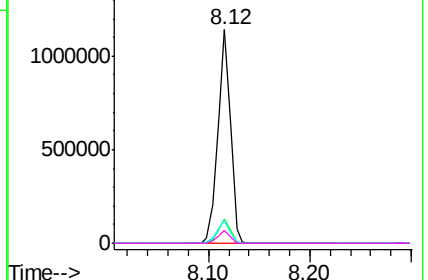
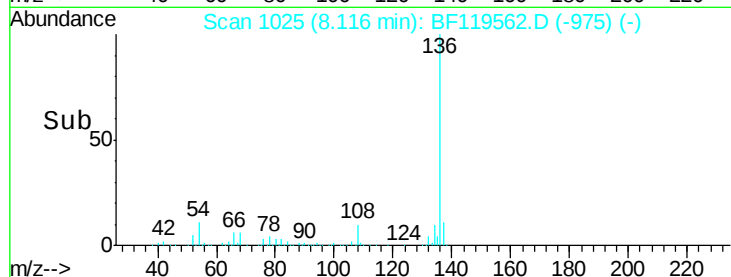


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 96.793 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF119562.D

Acq: 27 Mar 2020 11:49

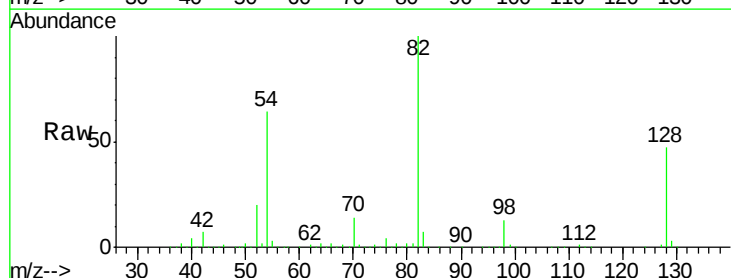
Tgt Ion: 82 Resp: 1767352

Ion Ratio Lower Upper

82 100

128 47.1 36.3 54.5

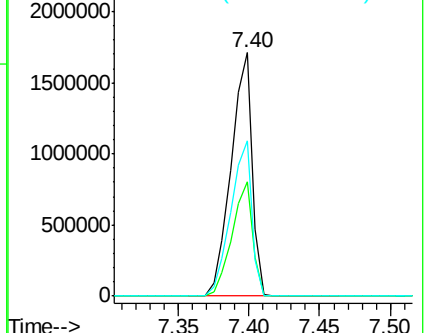
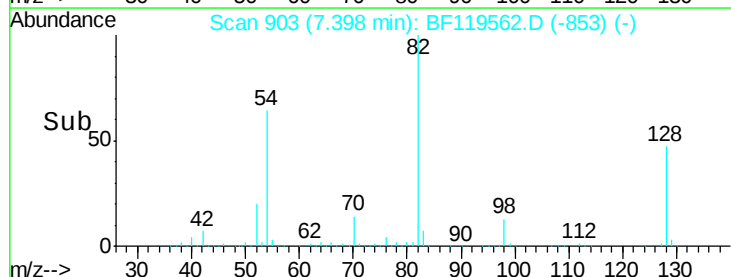
54 63.8 50.6 75.8

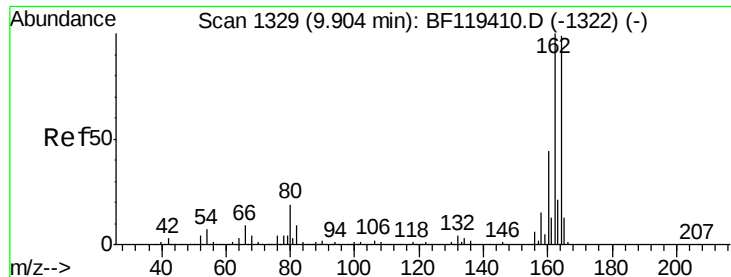


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

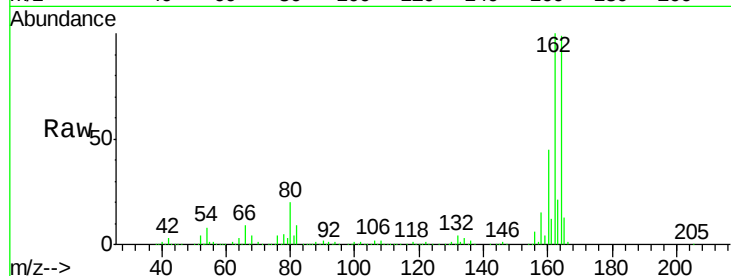




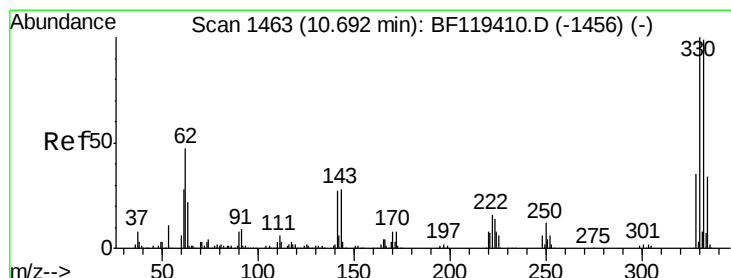
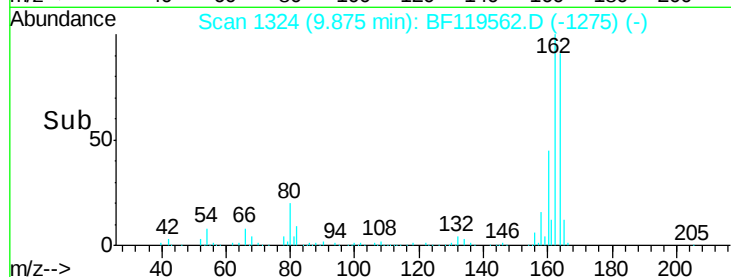
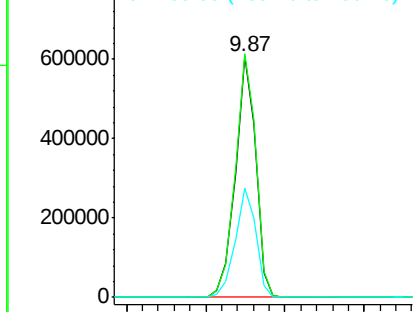
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF119562.D
 Acq: 27 Mar 2020 11:49

Instrument :
 BNA_F
 ClientSampleId :
 WATER-RECLAMATION-TANKS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.6	121.0
160	45.6	35.7	53.5

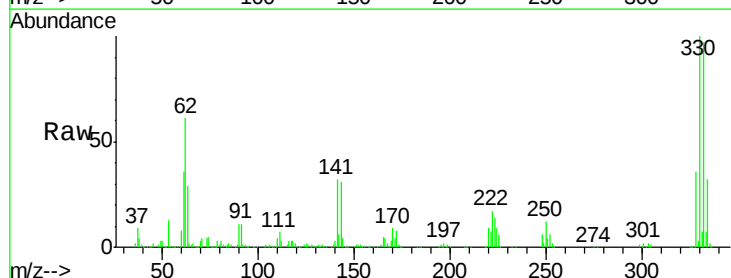


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

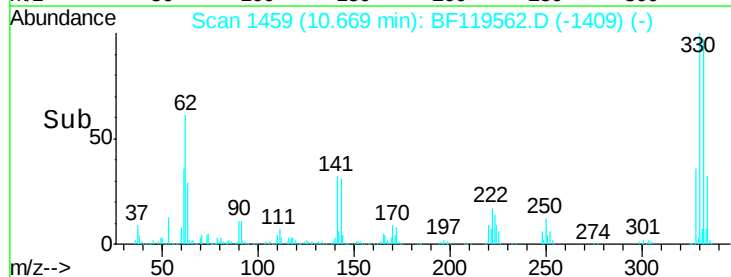
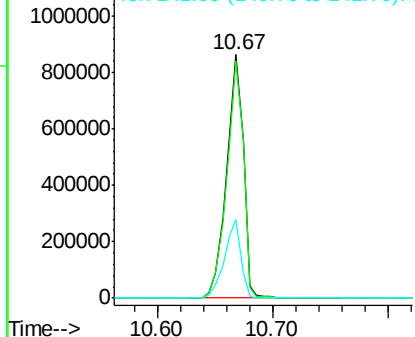


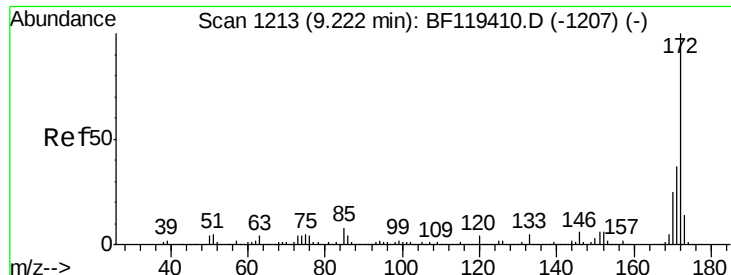
#42
 2,4,6-Tribromophenol
 Concen: 155.661 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119562.D
 Acq: 27 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.7	113.5
141	31.7	25.4	38.0



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

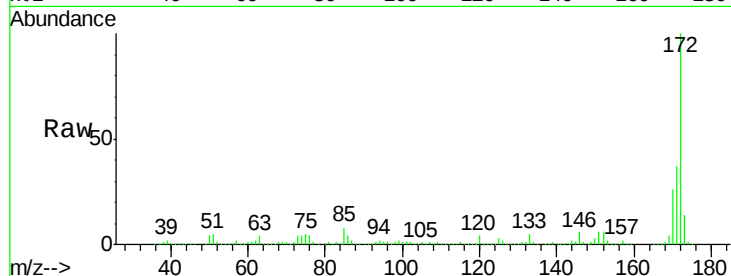




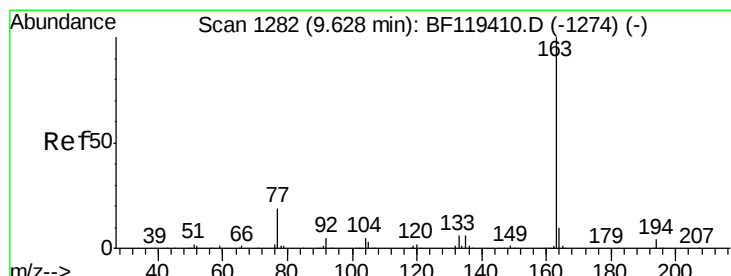
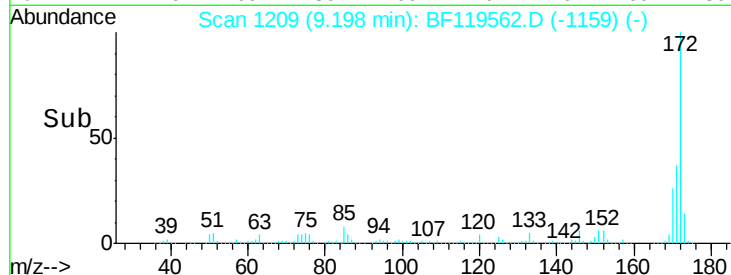
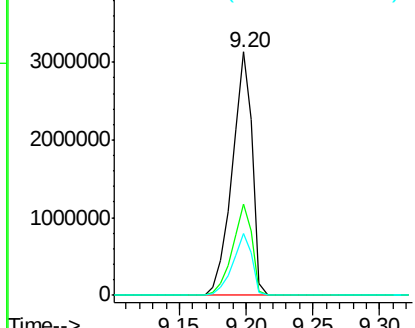
#45
2-Fluorobiphenyl
Concen: 90.333 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF119562.D
Acq: 27 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :
WATER-RECLAMATION-TANKS

Tot Ion:172 Resp: 3303019
Ion Ratio Lower Upper
172 100
171 37.4 29.6 44.4
170 25.6 20.2 30.2

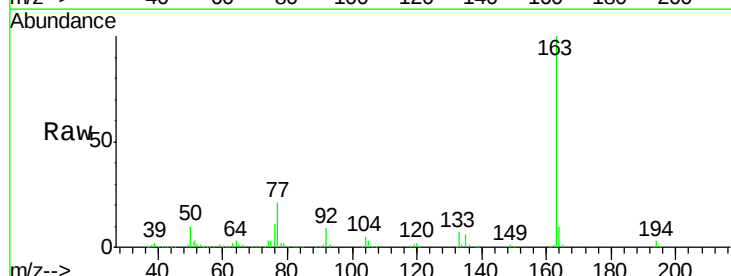


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

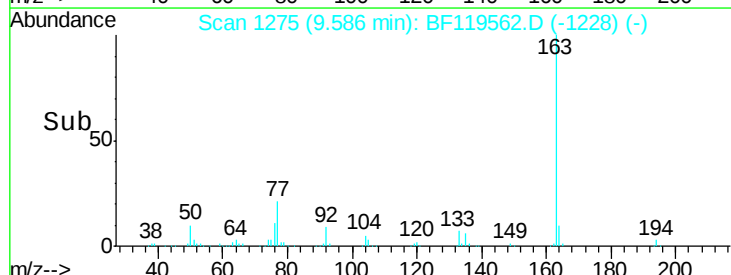
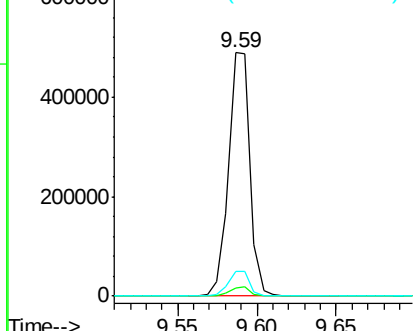


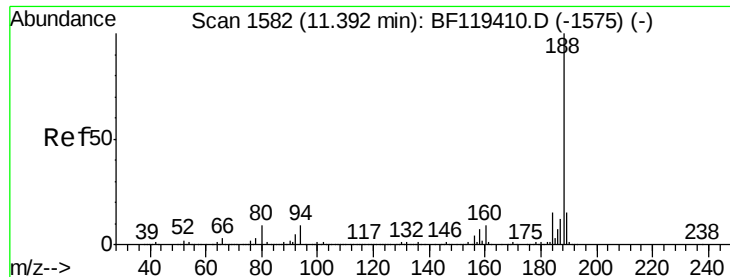
#50
Dimethylphthalate
Concen: 11.922 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF119562.D
Acq: 27 Mar 2020 11:49

Tgt Ion:163 Resp: 458739
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

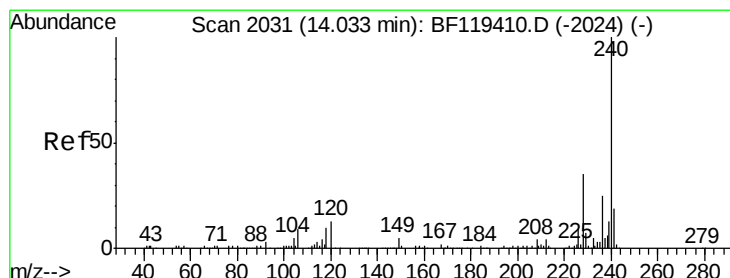
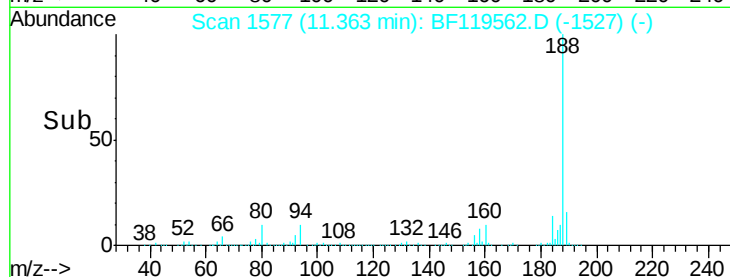
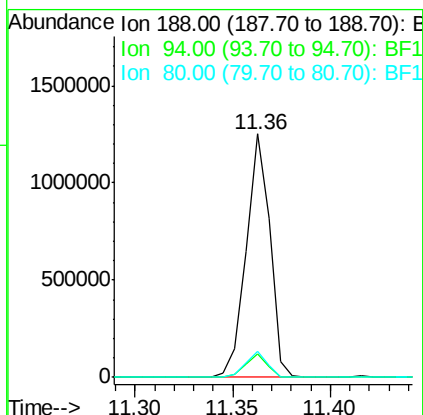
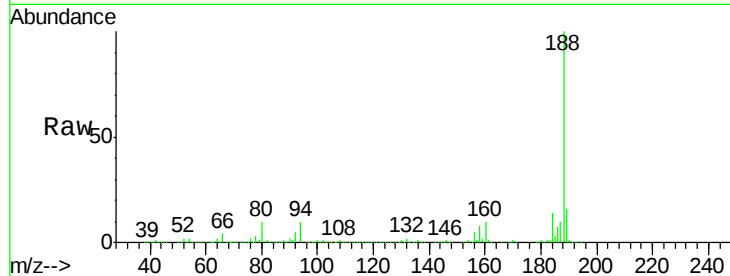




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119562.D
Acq: 27 Mar 2020 11:49

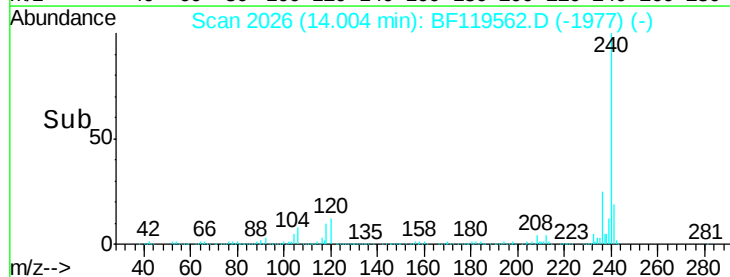
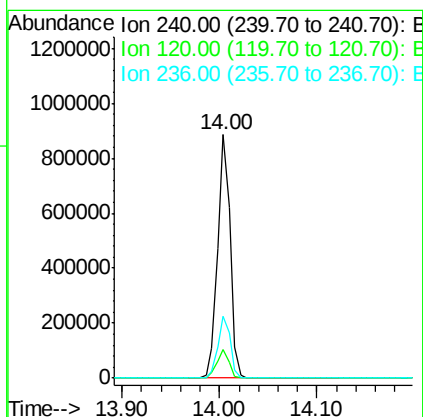
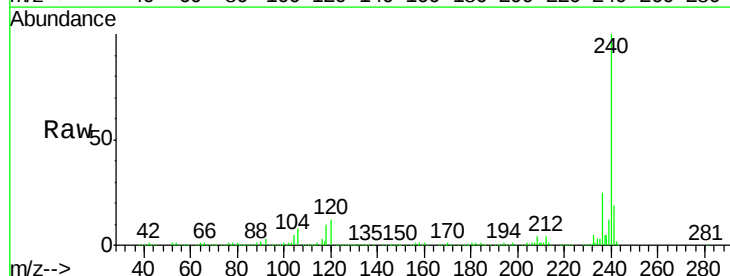
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WATER-RECLAMATION-TANKS

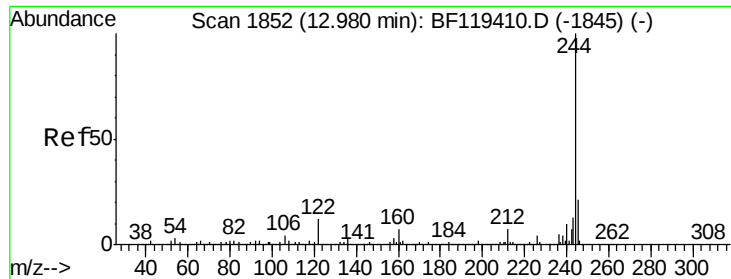
Tot Ion:188 Resp: 1053551
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.5 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF119562.D
Acq: 27 Mar 2020 11:49

Tgt Ion:240 Resp: 788708
Ion Ratio Lower Upper
240 100
120 11.5 10.6 15.8
236 25.5 20.2 30.2





#79

Terphenyl-d14

Concen: 95.169 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF119562.D

Acq: 27 Mar 2020 11:49

Instrument :

BNA_F

ClientSampleId :

WATER-RECLAMATION-TANKS

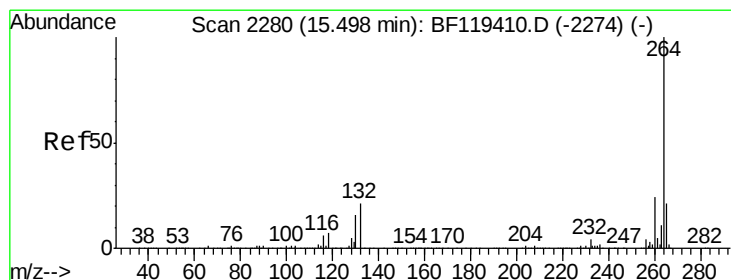
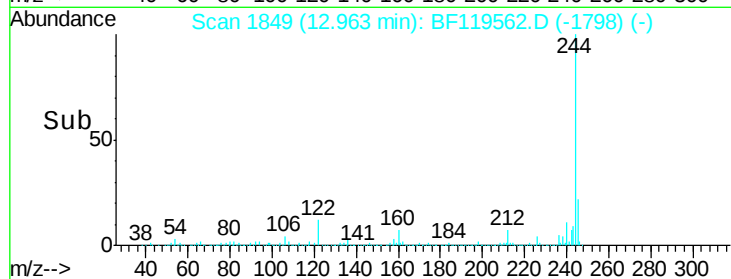
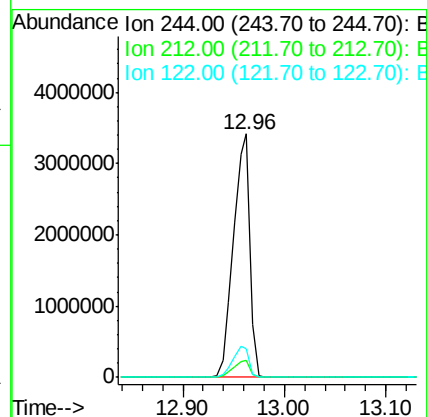
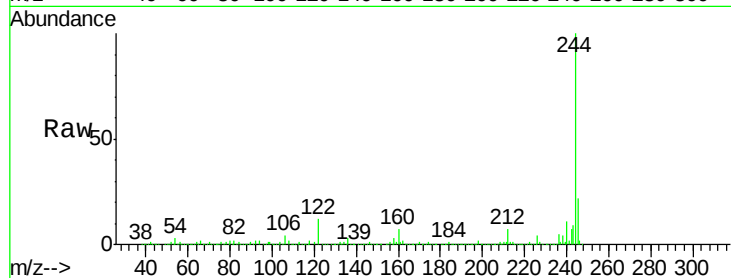
Tot Ion:244 Resp: 3831149

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 11.7 10.3 15.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF119562.D

Acq: 27 Mar 2020 11:49

Tgt Ion:264 Resp: 643428

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 21.5 17.7 26.5

