

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 12:20:58 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

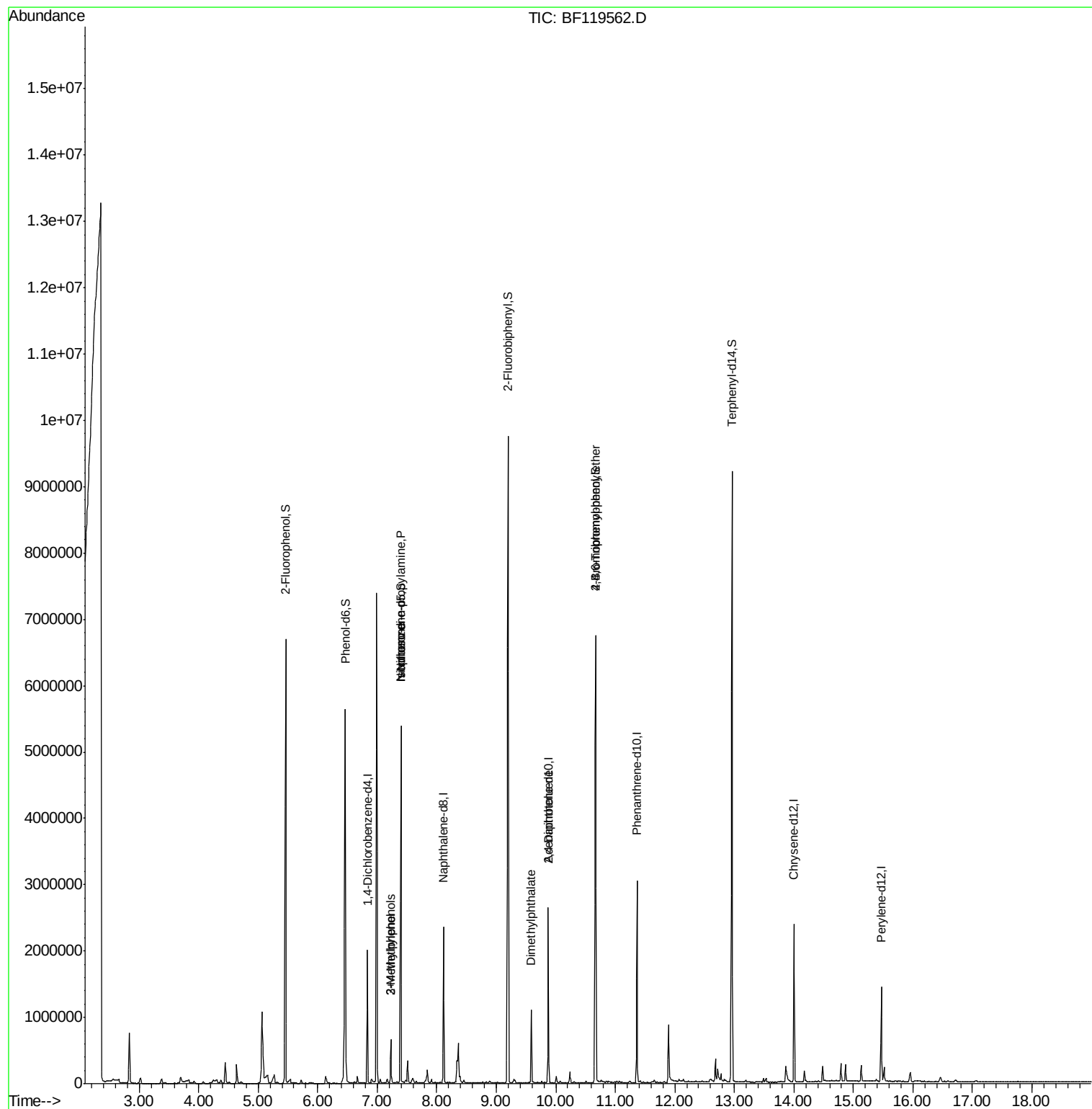
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	259636	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	992347	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	541697	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1053551	20.00	ng	0.00
76) Chrysene-d12	14.00	240	788708	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						
17) 2-Methylphenol	7.23	107	144317	9.195	ng	# 70
19) n-Nitroso-di-n-propylamine	7.40	70	238273	18.974	ng	# 73
20) 3+4-Methylphenols	7.23	107	144317	7.503	ng	# 76
25) Isophorone	7.40	82	1762186	47.576	ng	# 65
50) Dimethylphthalate	9.59	163	458739	11.922	ng	100
57) 2,4-Dinitrotoluene	9.87	165	68616	6.604	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	53067	4.423	ng	# 1

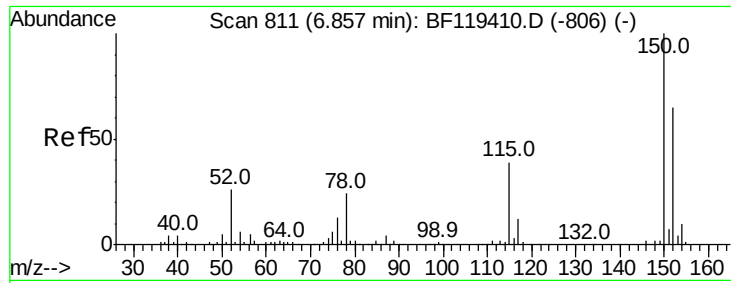
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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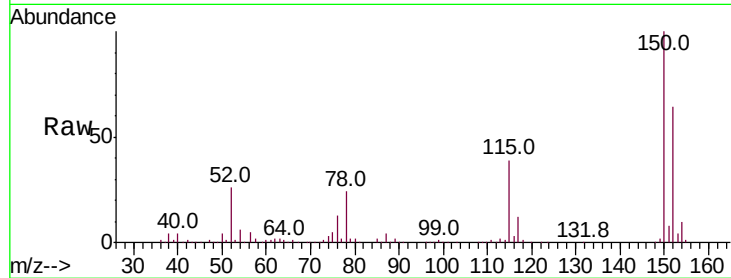


#1

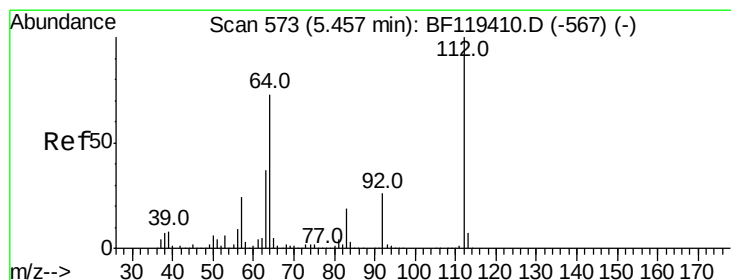
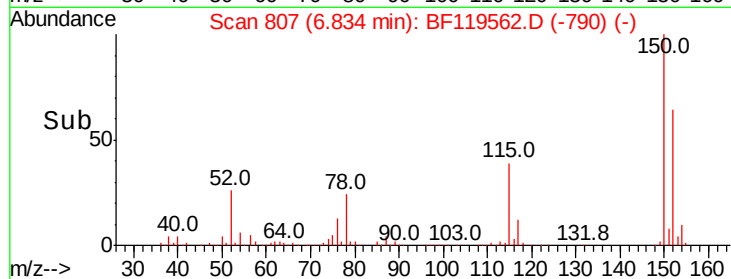
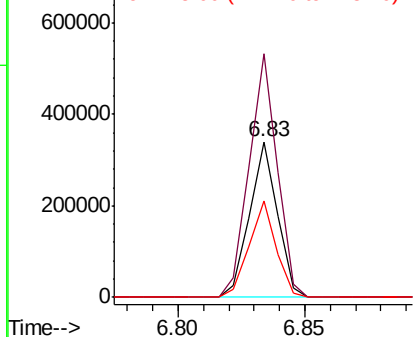
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF119562.D
 Acq: 27 Mar 2020 11:49

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



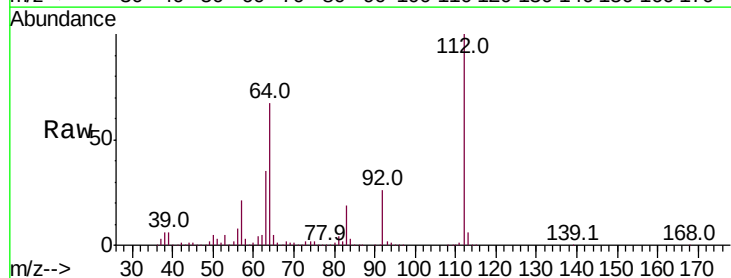
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



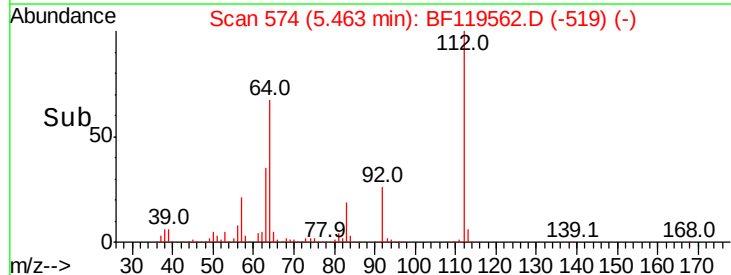
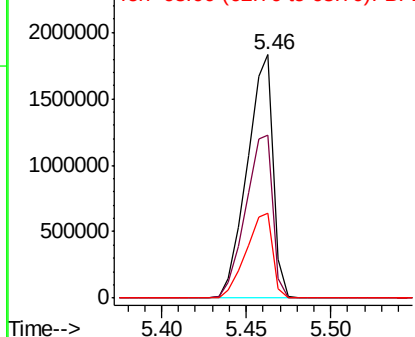
#5

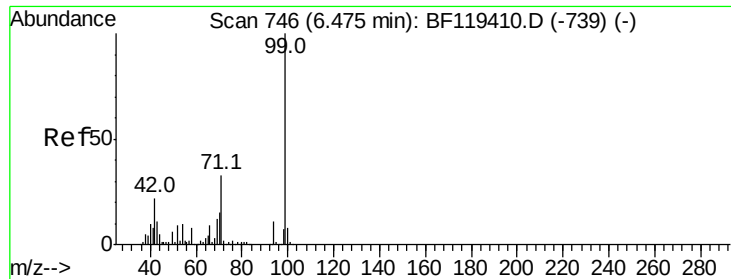
2-Fluorophenol
 Concen: 120.992 ng
 RT: 5.46 min Scan# 574
 Delta R.T. 0.02 min
 Lab File: BF119562.D
 Acq: 27 Mar 2020 11:49

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



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#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

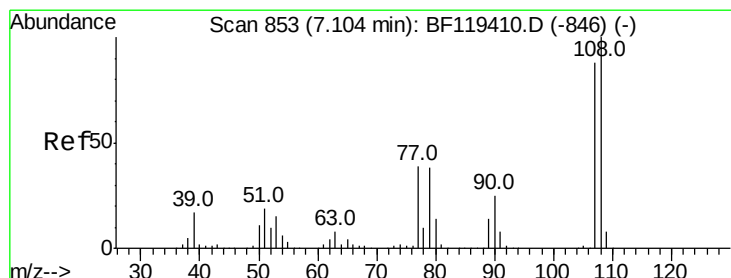
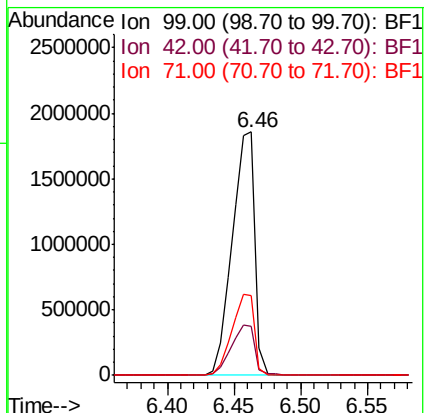
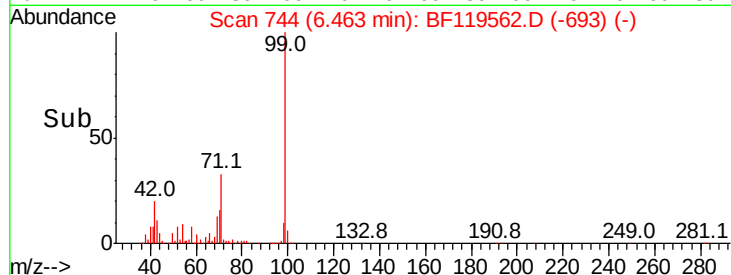
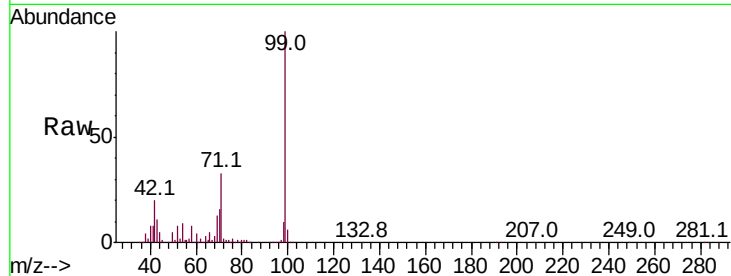
Tot Ion: 99 Resp: 2212958

Ion Ratio Lower Upper

99 100

42 20.2 16.6 24.8

71 32.7 26.4 39.6



#17

2-Methylphenol

Concen: 9.195 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF119562.D

Acq: 27 Mar 2020 11:49

Tgt Ion: 107 Resp: 144317

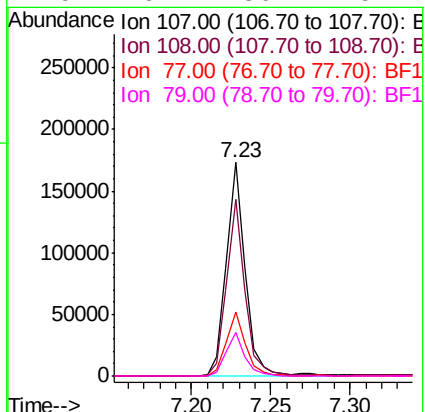
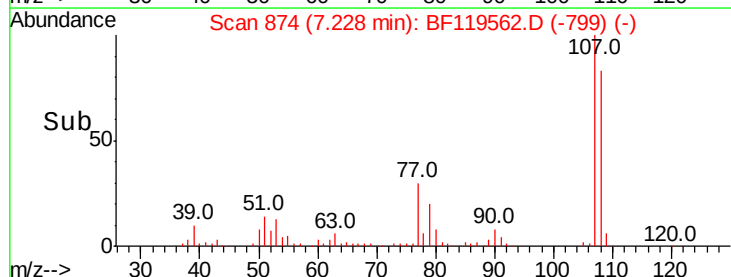
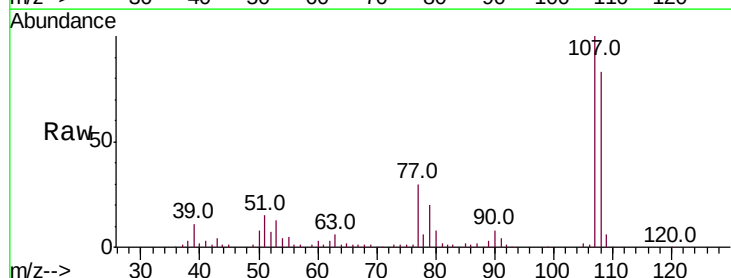
Ion Ratio Lower Upper

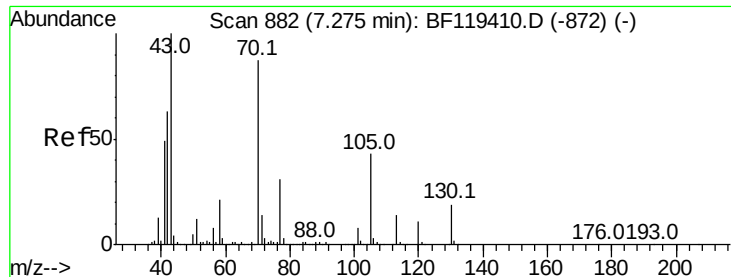
107 100

108 82.7 92.2 138.4#

77 30.2 36.6 54.8#

79 20.1 36.2 54.4#

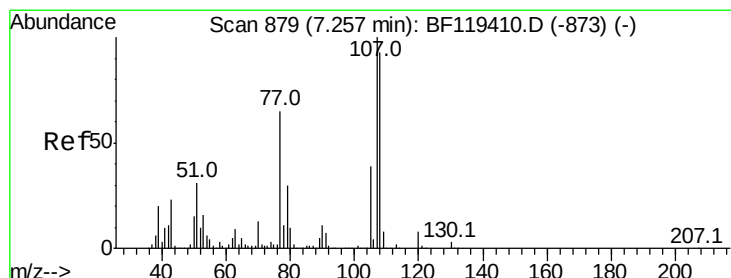
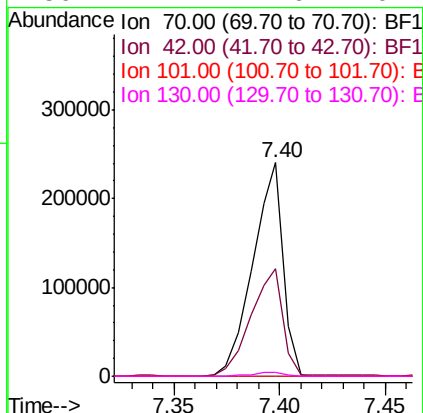
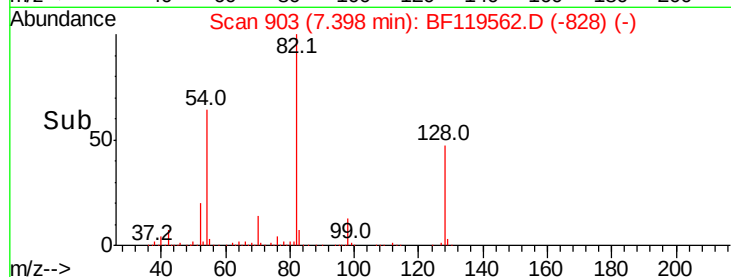
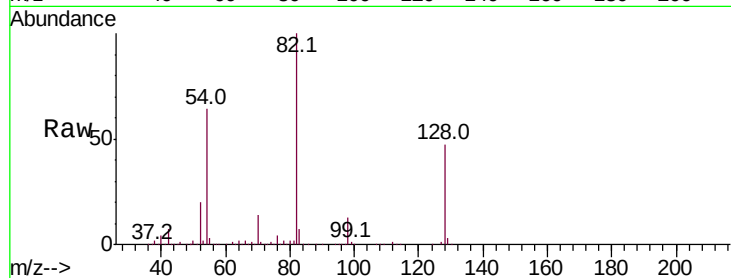




#19
n-Nitroso-di-n-propylamine
Concen: 18.974 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF119562.D
Acq: 27 Mar 2020 11:49

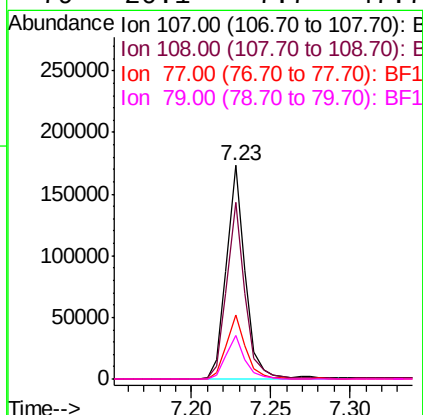
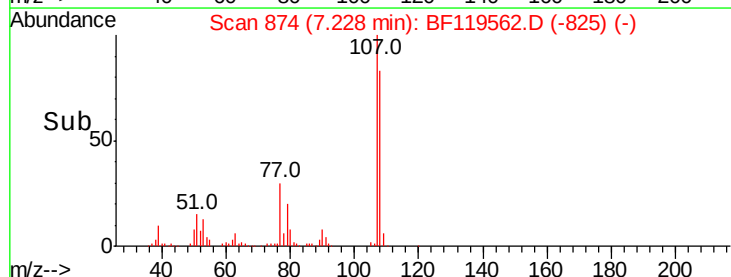
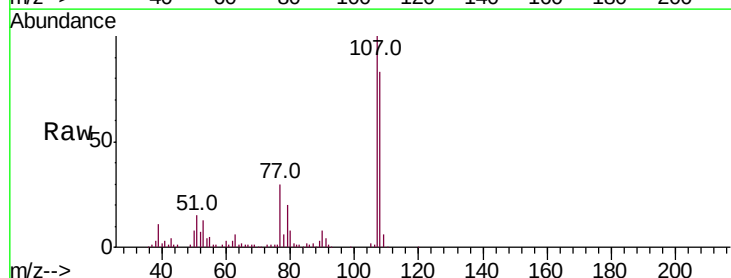
Instrument :
BNA_F
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WATER-RECLAMATION-TANKS

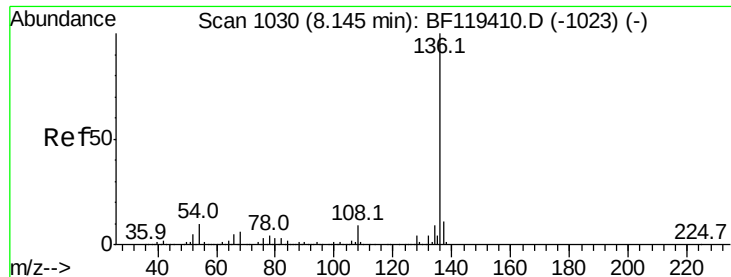
Tot Ion: 70 Resp: 238273
Ion Ratio Lower Upper
70 100
42 50.1 54.5 81.7#
101 0.0 7.6 11.4#
130 1.7 17.6 26.4#



#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

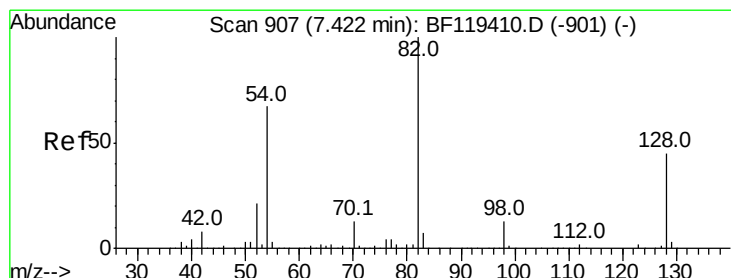
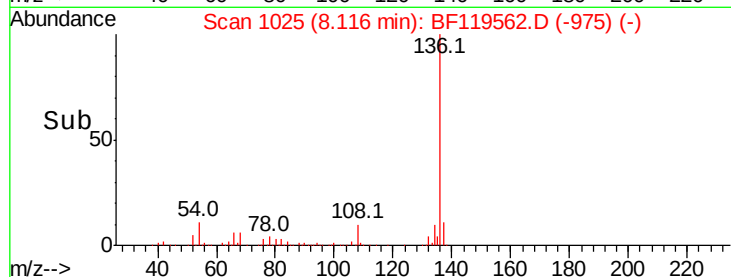
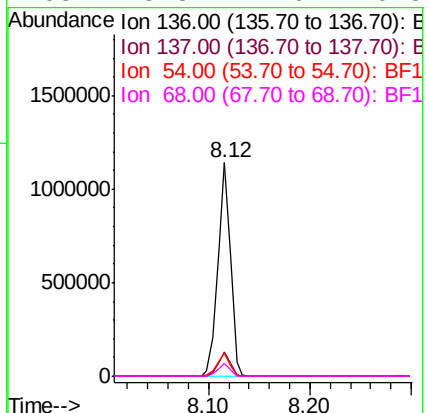
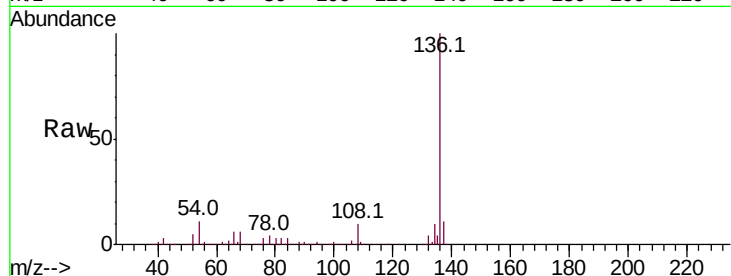




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119562.D
Acq: 27 Mar 2020 11:49

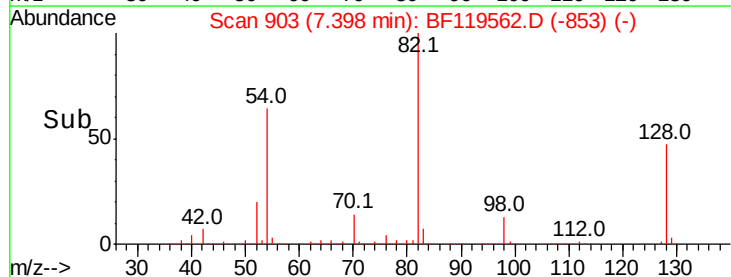
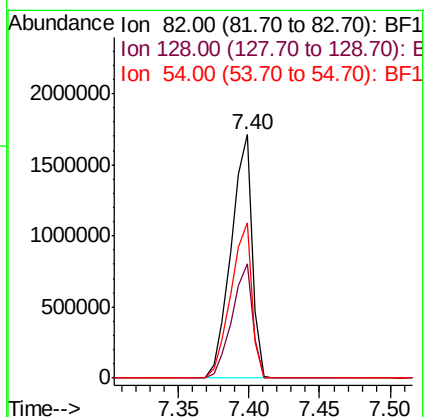
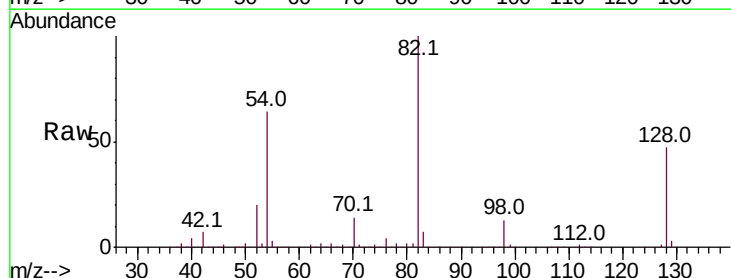
Instrument :
BNA_F
ClientSampleId :
WATER-RECLAMATION-TANKS

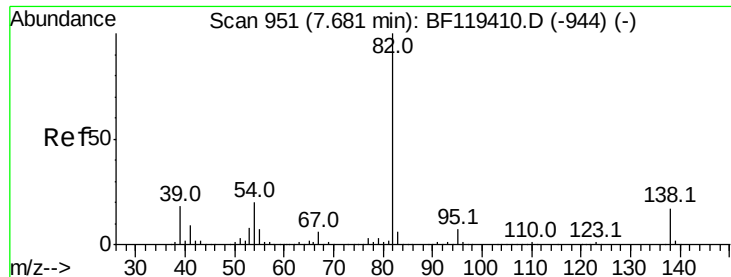
Tot Ion:136	Resp:	992347	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	8.7	13.1	
54 10.8	9.1	13.7	
68 5.8	4.6	6.8	



#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





#25

Isophorone

Concen: 47.576 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.26 min

Lab File: BF119562.D

Acq: 27 Mar 2020 11:49

Instrument :

BNA_F

ClientSampleId :

WATER-RECLAMATION-TANKS

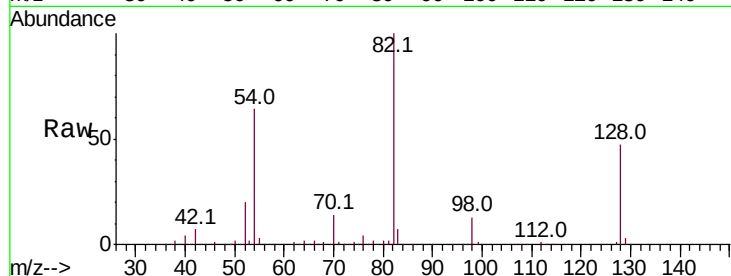
Tot Ion: 82 Resp: 1762186

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

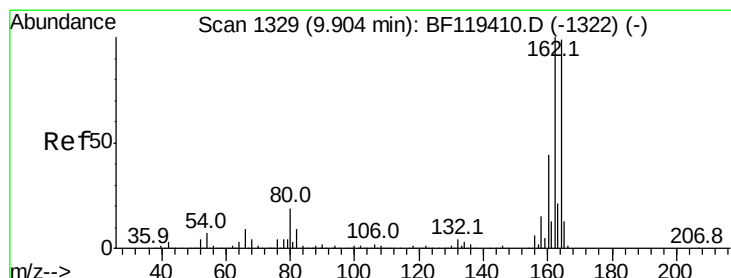
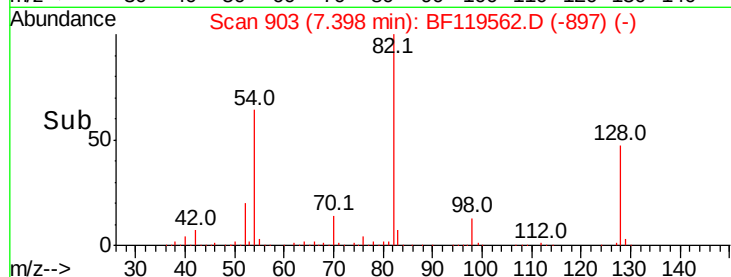
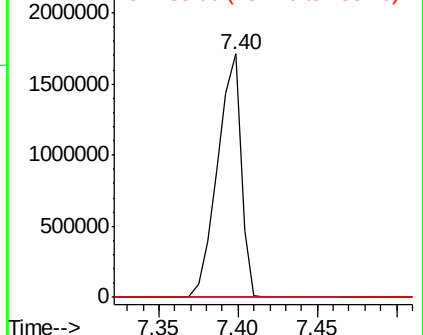
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): 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

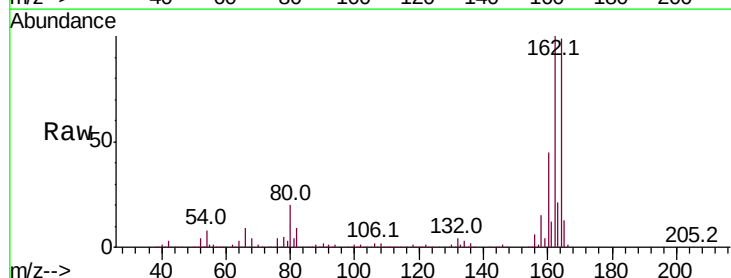
Tgt Ion:164 Resp: 541697

Ion Ratio Lower Upper

164 100

162 101.1 80.6 121.0

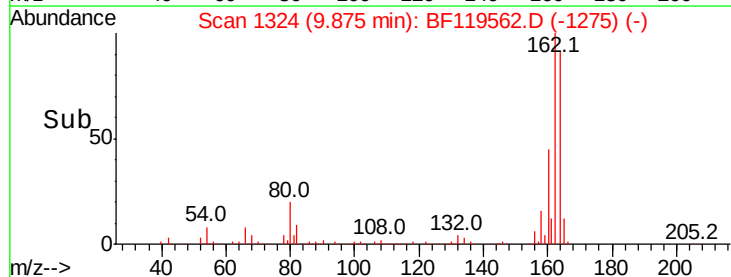
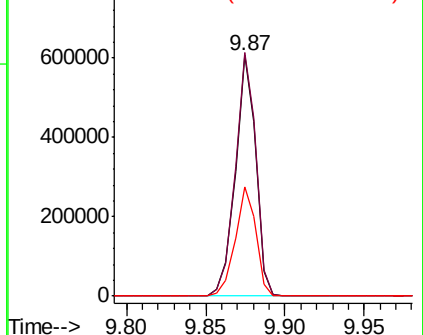
160 45.6 35.7 53.5

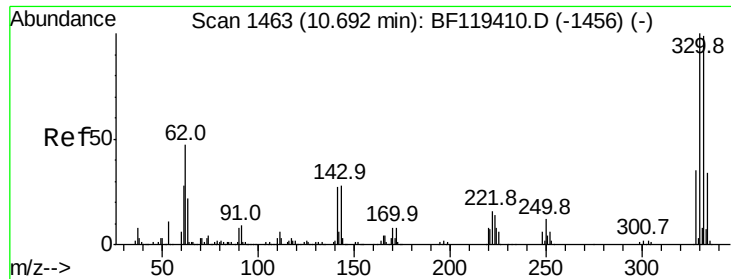


Abundance Ion 164.00 (163.70 to 164.70): E

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

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WATER-RECLAMATION-TANKS

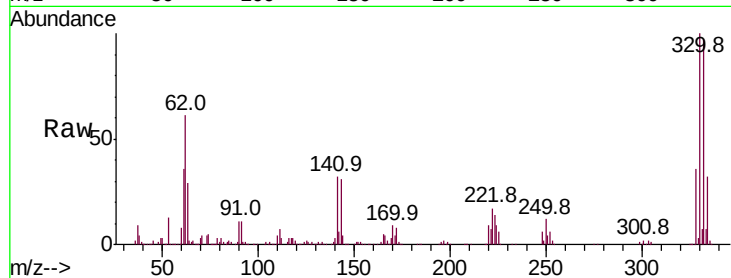
Tot Ion:330 Resp: 869911

Ion Ratio Lower Upper

330 100

332 97.2 75.7 113.5

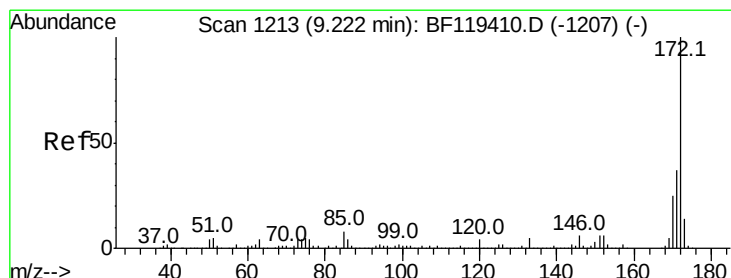
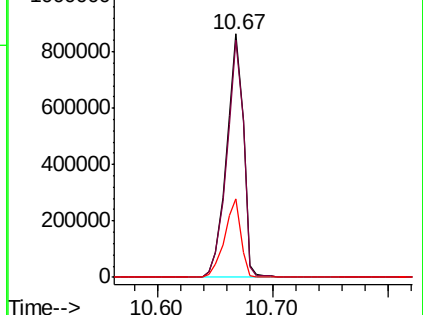
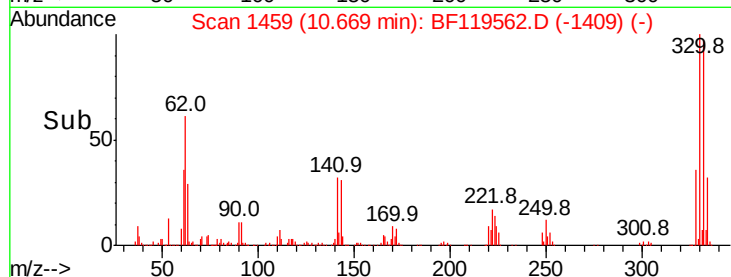
141 31.7 25.4 38.0



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

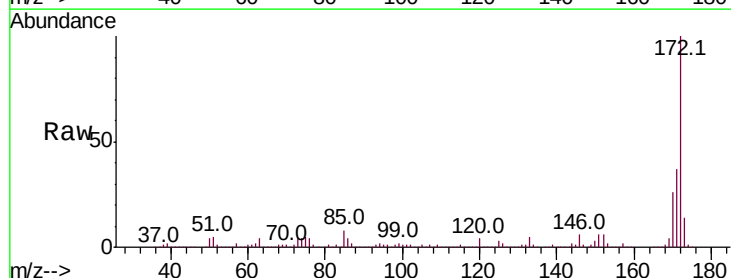
Tgt Ion:172 Resp: 3303019

Ion Ratio Lower Upper

172 100

171 37.4 29.6 44.4

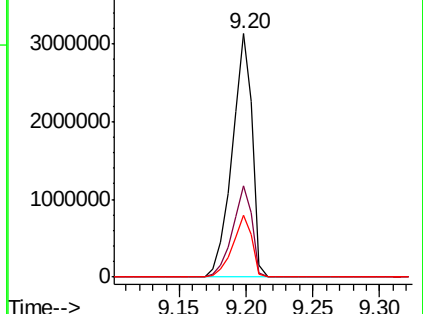
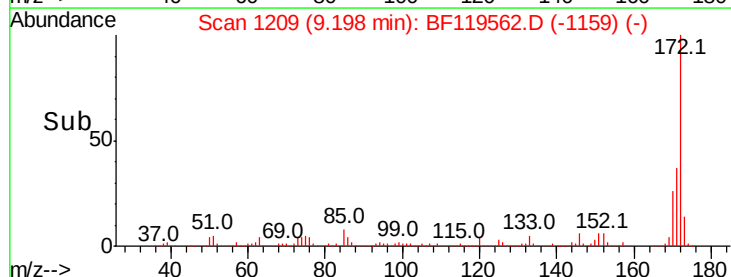
170 25.6 20.2 30.2

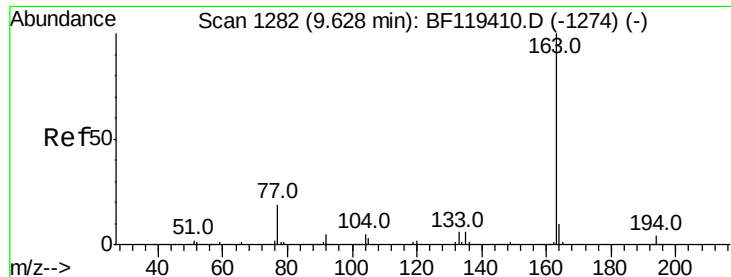


Abundance Ion 172.00 (171.70 to 172.70): E

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

Instrument :

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ClientSampleId :

WATER-RECLAMATION-TANKS

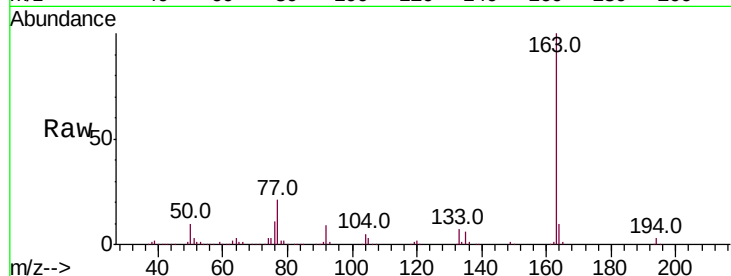
Tot Ion:163 Resp: 458739

Ion Ratio Lower Upper

163 100

194 3.5 3.1 4.7

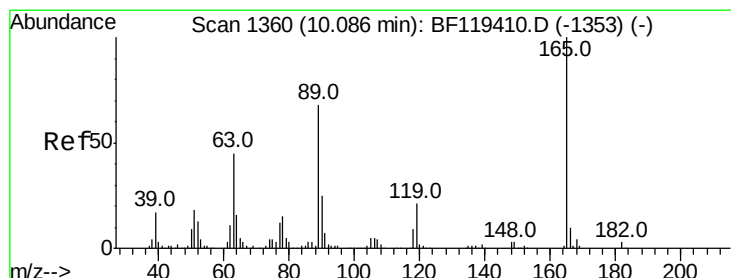
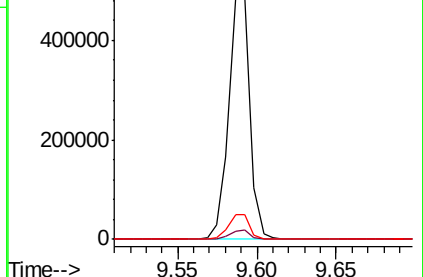
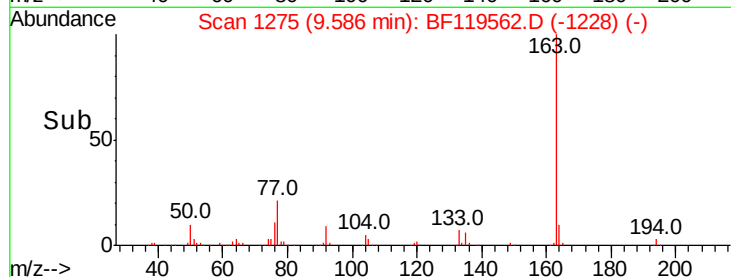
164 10.2 8.2 12.2



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



#57

2,4-Dinitrotoluene

Concen: 6.604 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.19 min

Lab File: BF119562.D

Acq: 27 Mar 2020 11:49

Tgt Ion:165 Resp: 68616

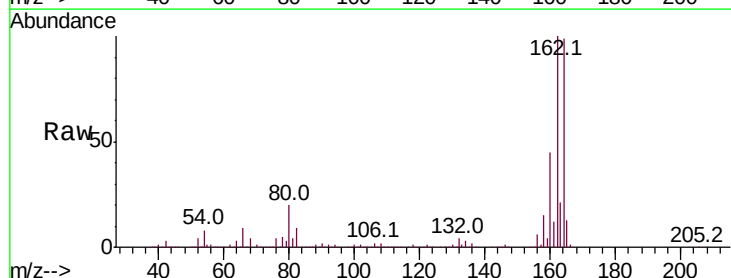
Ion Ratio Lower Upper

165 100

63 1.4 42.6 64.0#

89 1.0 61.0 91.4#

182 0.0 2.2 3.2#

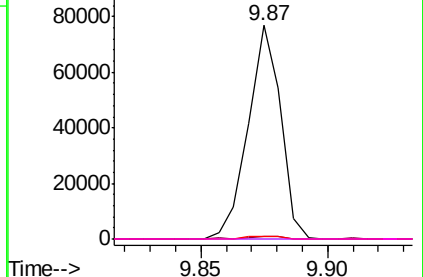
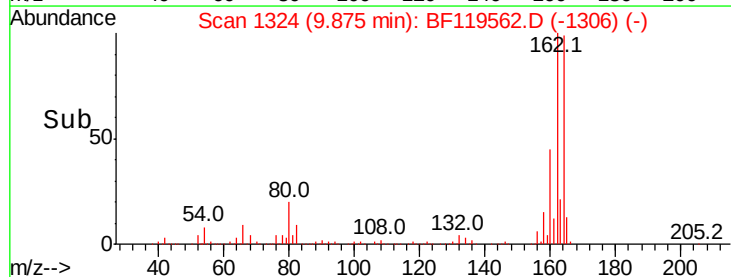


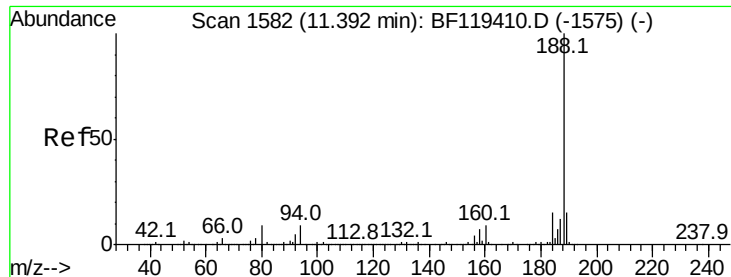
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): 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

Instrument :

BNA_F

ClientSampleId :

WATER-RECLAMATION-TANKS

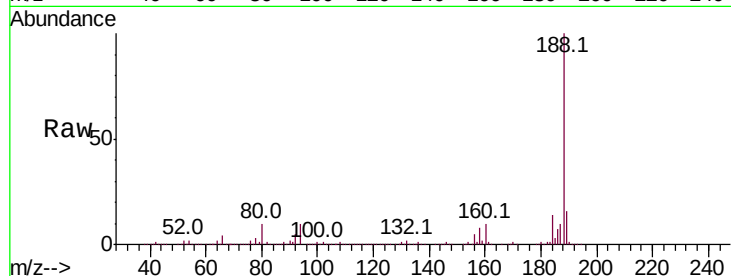
Tot Ion:188 Resp: 1053551

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

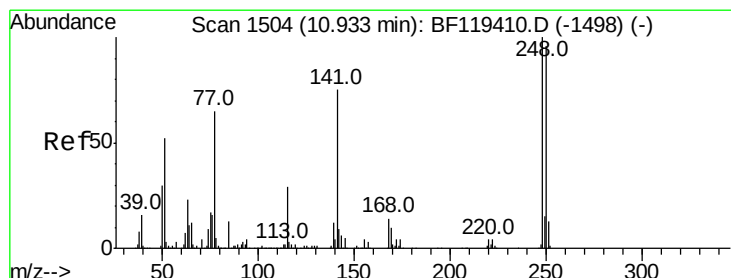
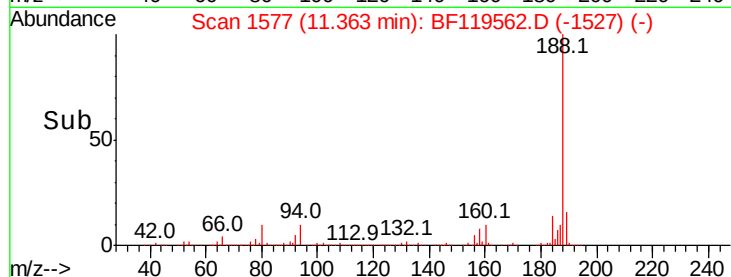
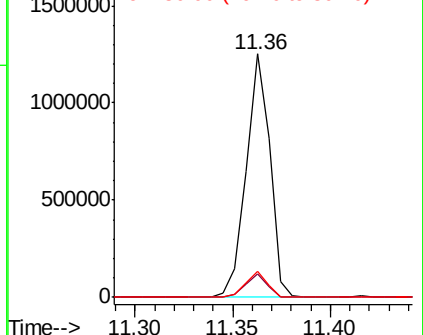
80 10.5 9.0 13.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 4.423 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.25 min

Lab File: BF119562.D

Acq: 27 Mar 2020 11:49

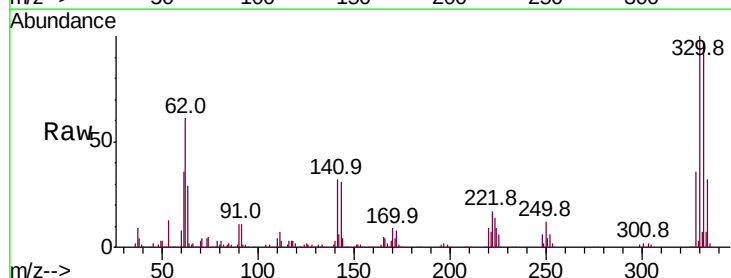
Tgt Ion:248 Resp: 53067

Ion Ratio Lower Upper

248 100

250 195.1 77.3 115.9#

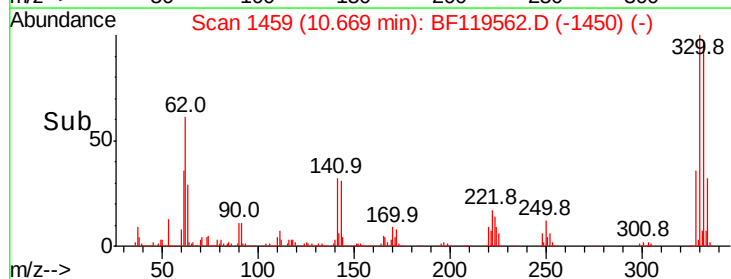
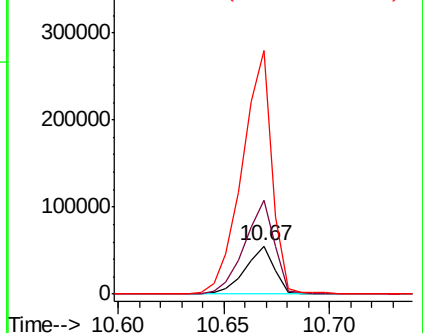
141 507.0 58.6 87.8#

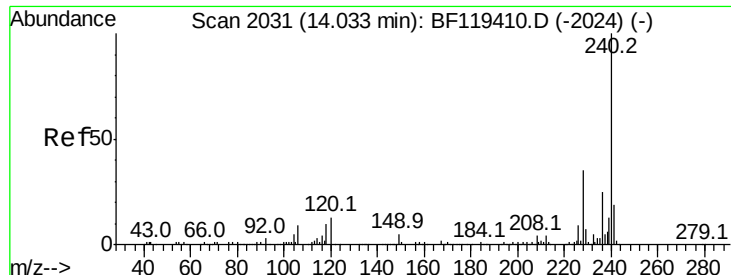


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#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

Instrument :

BNA_F

ClientSampleId :

WATER-RECLAMATION-TANKS

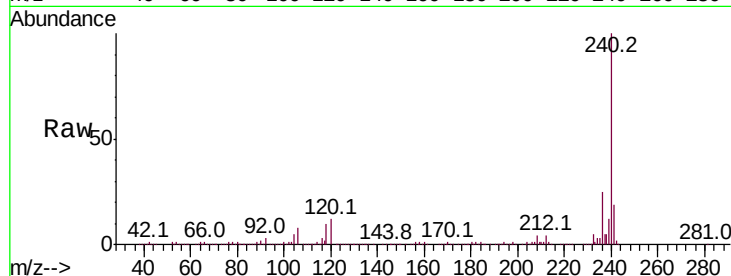
Tot Ion:240 Resp: 788708

Ion Ratio Lower Upper

240 100

120 11.5 10.6 15.8

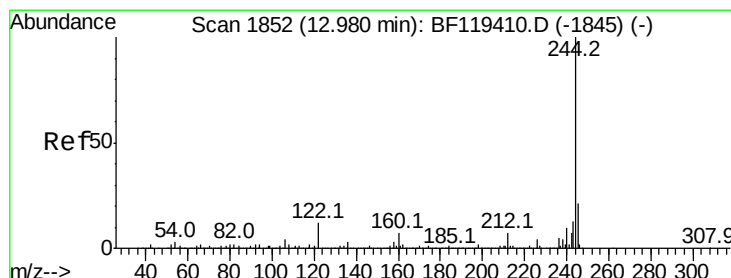
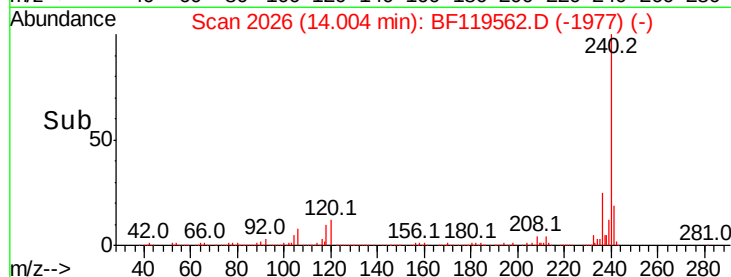
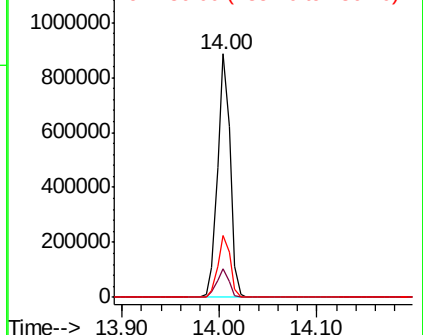
236 25.5 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#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

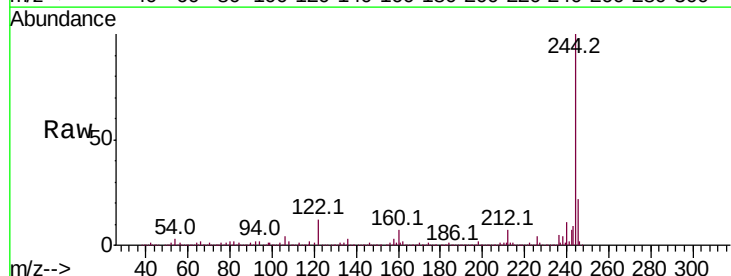
Tgt Ion:244 Resp: 3831149

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

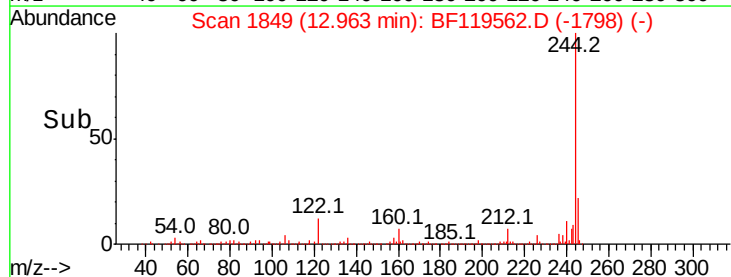
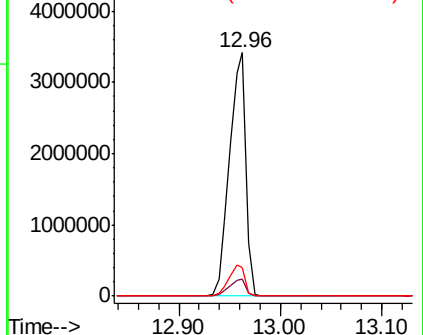
122 11.7 10.3 15.5

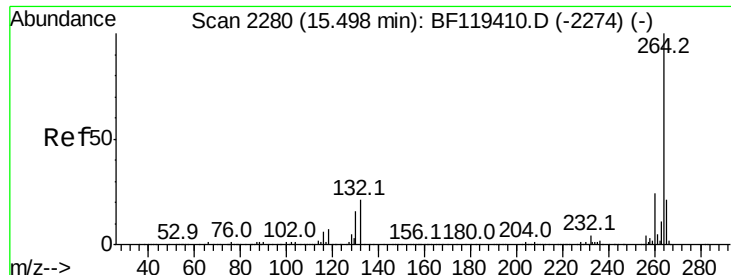


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

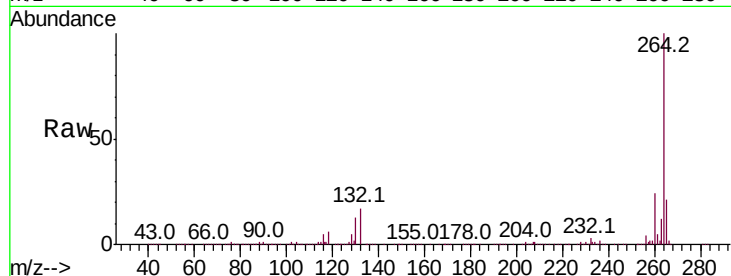




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF119562.D
Acq: 27 Mar 2020 11:49

Instrument :
BNA_F
ClientSampleId :
WATER-RECLAMATION-TANKS

Tot Ion:	264	Resp:	643428
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.5	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

