

Data File : BF118710.D
Acq On : 25 Jan 2020 4:58
Operator : CG/JU
Sample : L1173-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0048-SITE-WATER

Quant Time: Jan 27 01:11:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	232638	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	847762	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	442599	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	718023	20.00	ng	-0.03
76) Chrysene-d12	14.02	240	529328	20.00	ng	-0.03
87) Perylene-d12	15.47	264	645988	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	758128	60.52	ng	-0.02
7) Phenol-d6	6.48	99	670116	41.16	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1215371	80.19	ng	-0.02
42) 2,4,6-Tribromophenol	10.69	330	594711	116.17	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	2408410	89.44	ng	-0.02
79) Terphenyl-d14	12.96	244	2343644	96.57	ng	-0.03

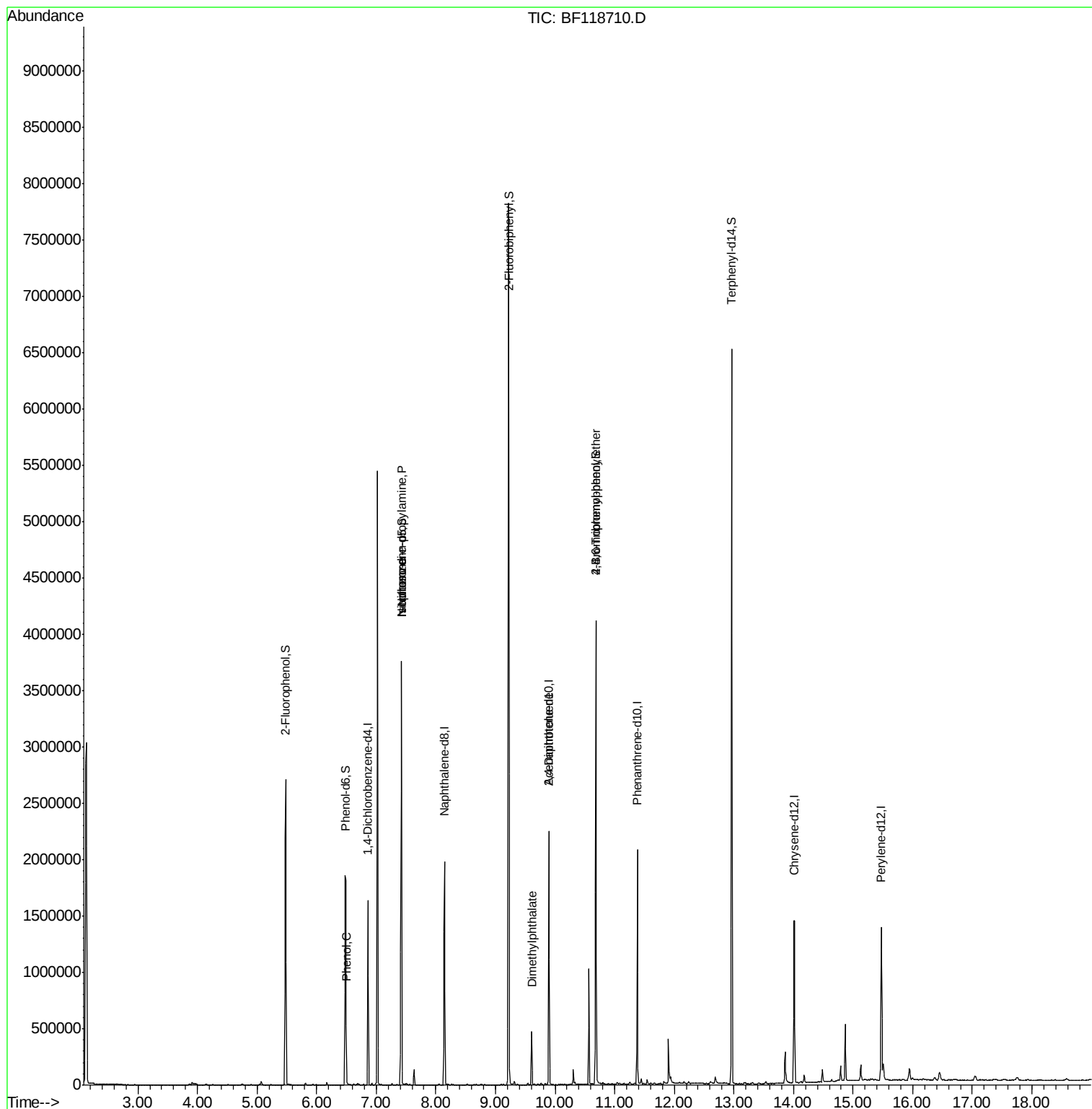
Target Compounds				Qvalue		
10) Phenol	6.50	94	53580	2.888	ng	92
19) n-Nitroso-di-n-propylamine	7.42	70	167074	15.198	ng	# 76
25) Isophorone	7.42	82	1213106	43.882	ng	# 64
50) Dimethylphthalate	9.61	163	196535	6.816	ng	96
57) 2,4-Dinitrotoluene	9.90	165	57304	7.040	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	37300	4.205	ng	# 1

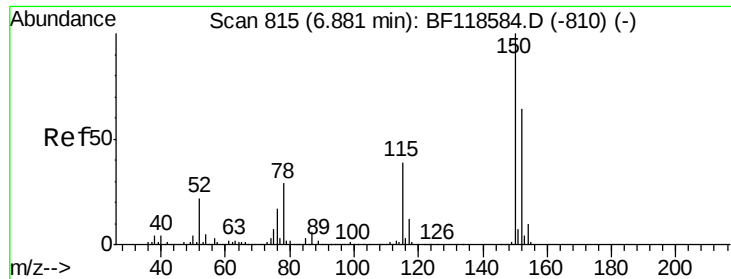
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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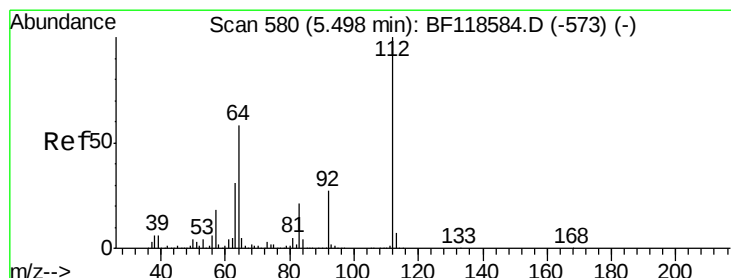
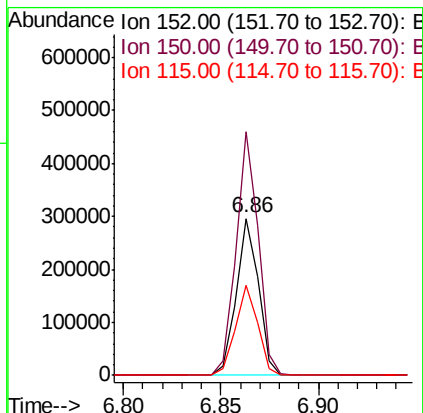
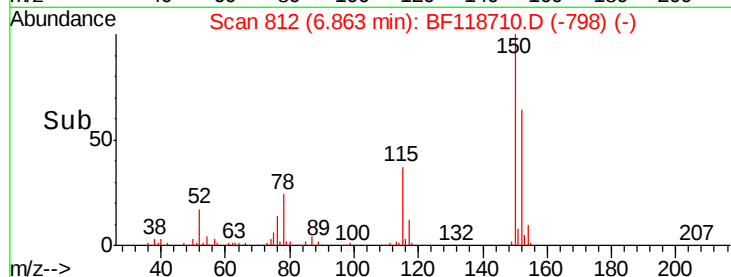
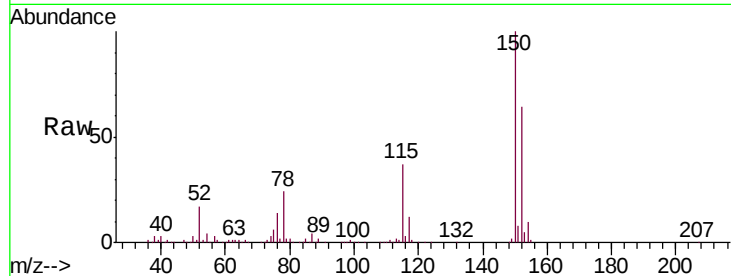


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118710.D
Acq: 25 Jan 2020 4:58

Instrument :
BNA_F
ClientSampleId :
0048-SITE-WATER

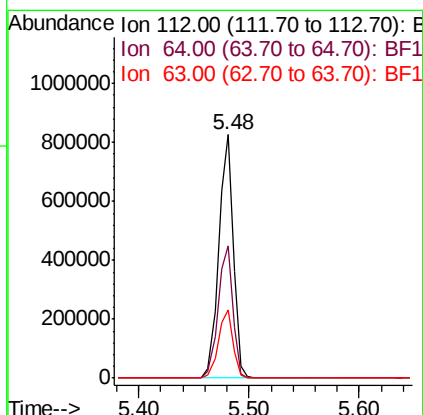
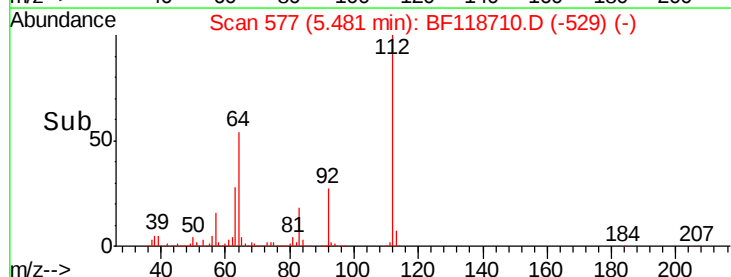
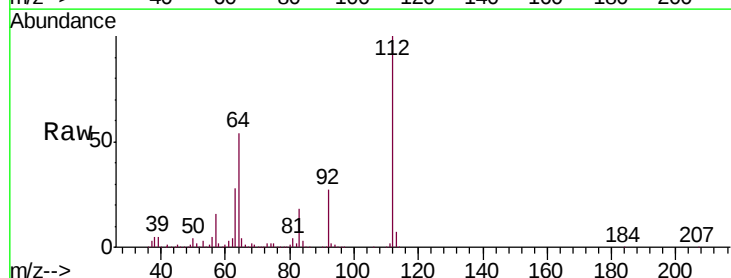
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.2	125.6	188.4
115	57.3	48.4	72.6

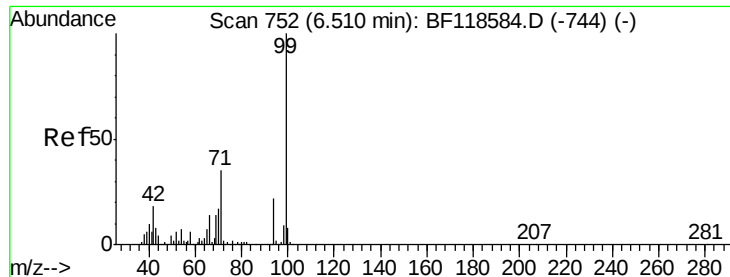


#5

2-Fluorophenol
Concen: 60.525 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF118710.D
Acq: 25 Jan 2020 4:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.6	70.0
63	28.0	25.1	37.7





#7

Phenol-d6

Concen: 41.161 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF118710.D

Acq: 25 Jan 2020 4:58

Instrument :

BNA_F

ClientSampleId :

0048-SITE-WATER

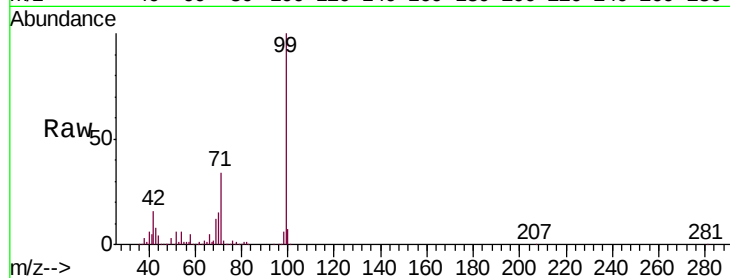
Tgt Ion: 99 Resp: 670116

Ion Ratio Lower Upper

99 100

42 16.4 14.2 21.2

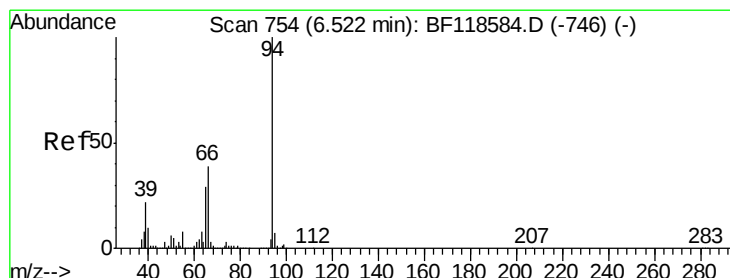
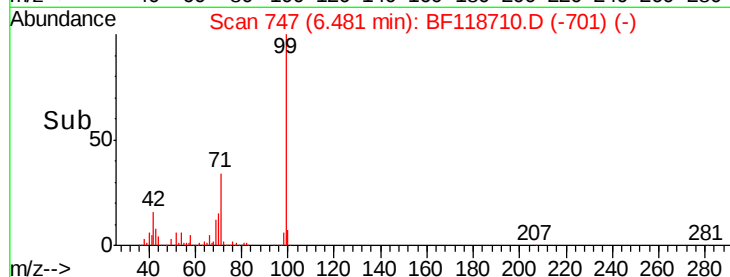
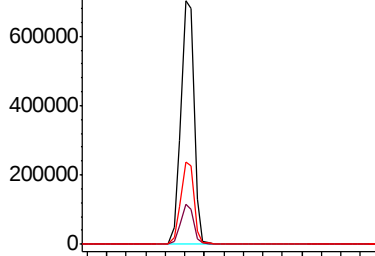
71 33.9 27.8 41.6



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



#10

Phenol

Concen: 2.888 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118710.D

Acq: 25 Jan 2020 4:58

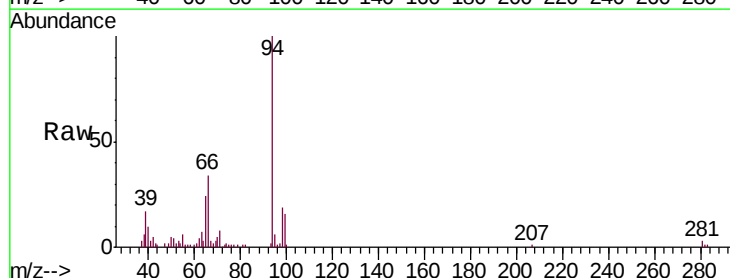
Tgt Ion: 94 Resp: 53580

Ion Ratio Lower Upper

94 100

65 23.7 9.5 49.5

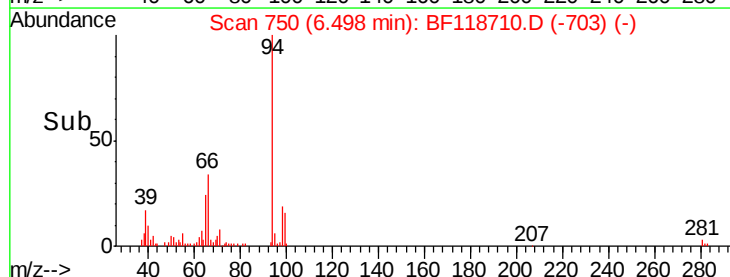
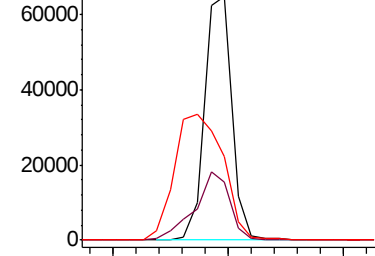
66 34.5 18.5 58.5

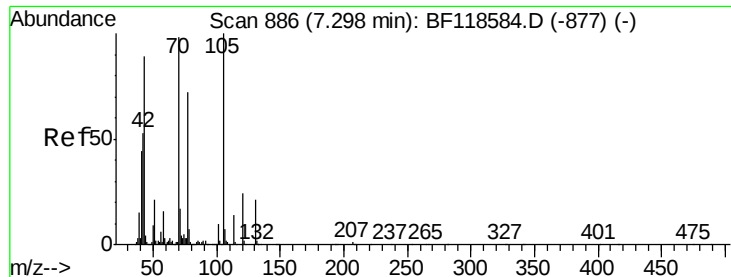


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

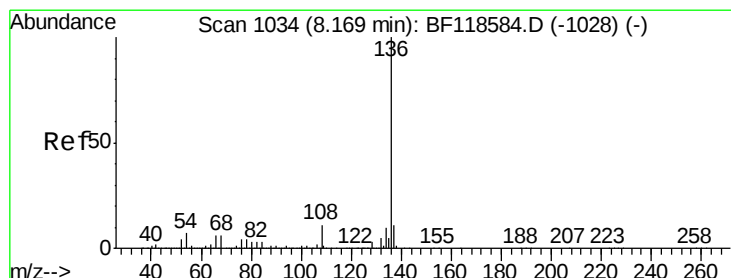
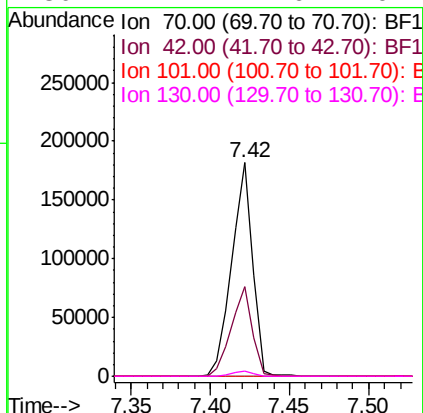
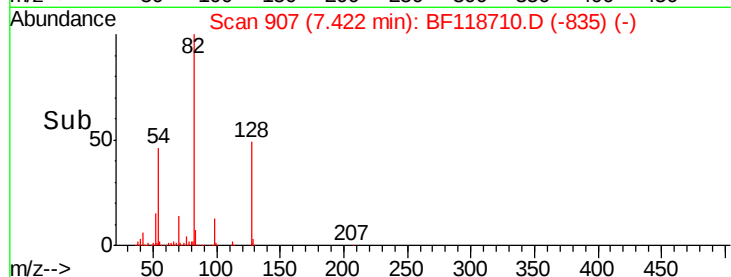
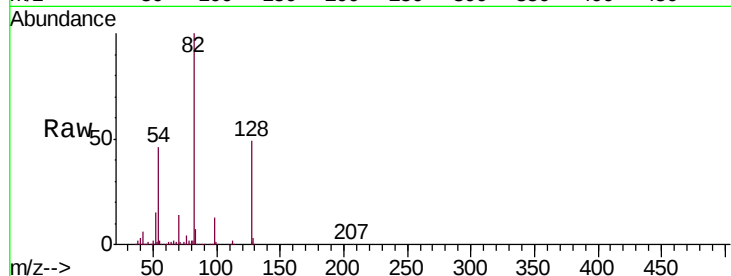




#19
n-Nitroso-di-n-propylamine
Concen: 15.198 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.12 min
Lab File: BF118710.D
Acq: 25 Jan 2020 4:58

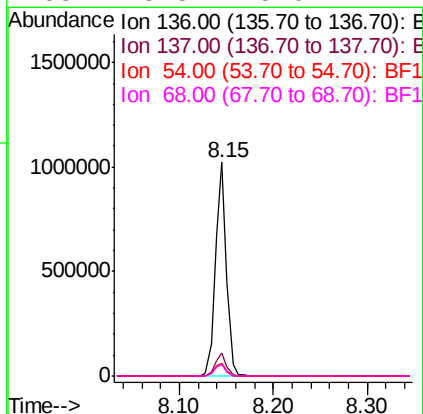
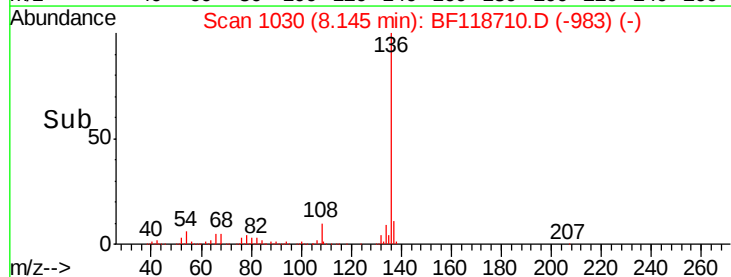
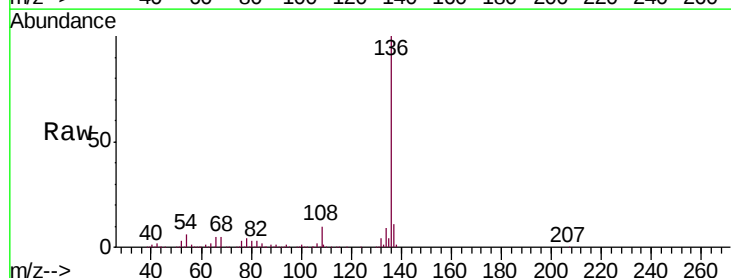
Instrument :
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ClientSampleId :
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Tgt Ion: 70 Resp: 167074
Ion Ratio Lower Upper
70 100
42 41.9 43.4 65.0#
101 0.0 8.1 12.1#
130 2.4 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118710.D
Acq: 25 Jan 2020 4:58

Tgt Ion: 136 Resp: 847762
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 6.3 5.8 8.6
68 5.5 5.0 7.4

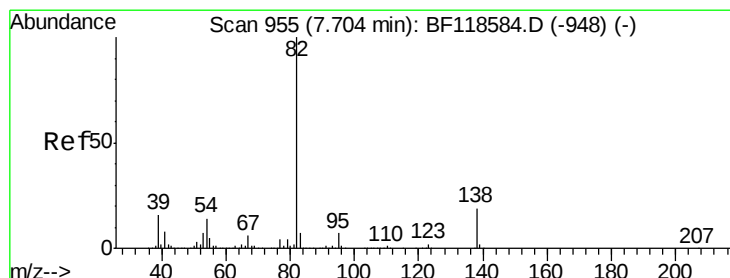
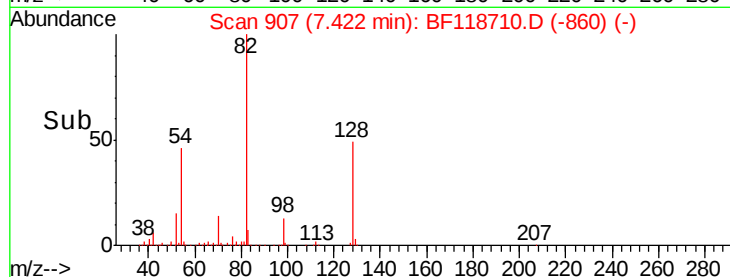
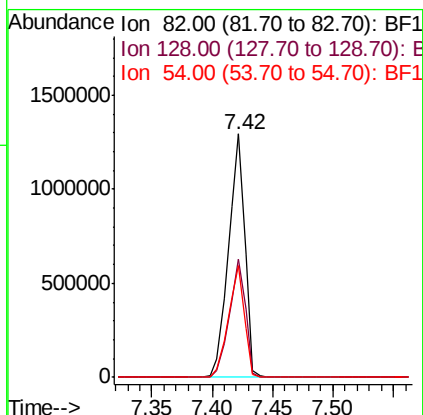
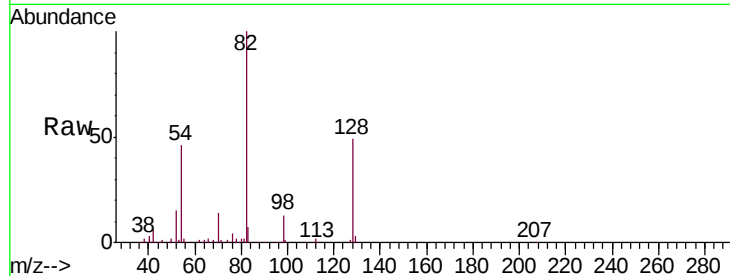




#23
Nitrobenzene-d5
Concen: 80.188 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118710.D
Acq: 25 Jan 2020 4:58

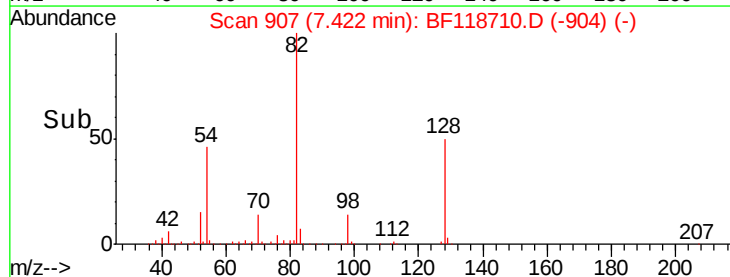
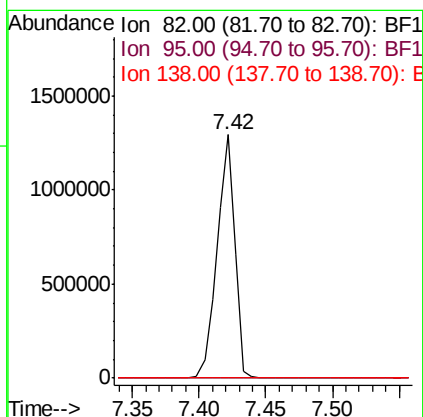
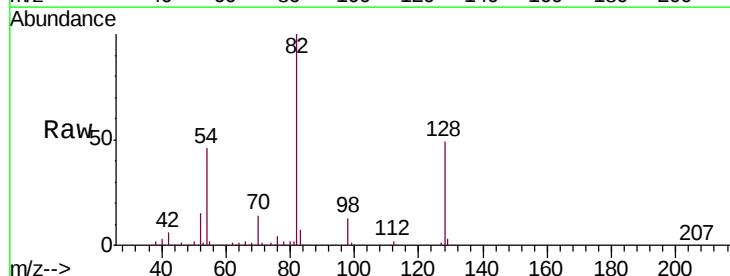
Instrument :
BNA_F
ClientSampleId :
0048-SITE-WATER

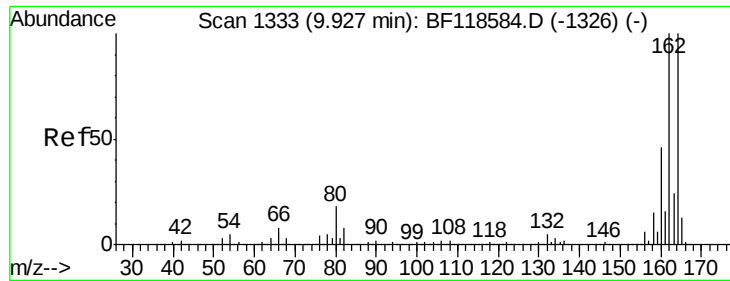
Tgt Ion: 82 Resp: 1215371
Ion Ratio Lower Upper
82 100
128 48.6 36.6 54.8
54 45.8 38.0 57.0



#25
Isophorone
Concen: 43.882 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.28 min
Lab File: BF118710.D
Acq: 25 Jan 2020 4:58

Tgt Ion: 82 Resp: 1213106
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF118710.D

Acq: 25 Jan 2020 4:58

Instrument :

BNA_F

ClientSampleId :

0048-SITE-WATER

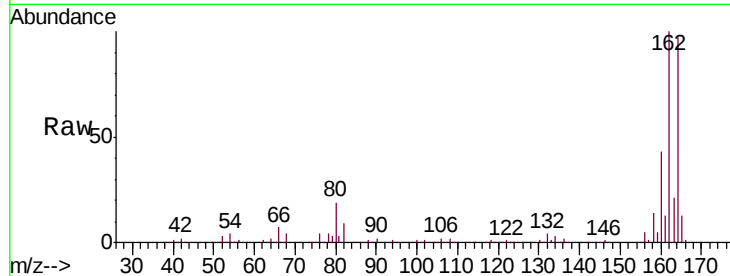
Tgt Ion:164 Resp: 442599

Ion Ratio Lower Upper

164 100

162 103.5 80.4 120.6

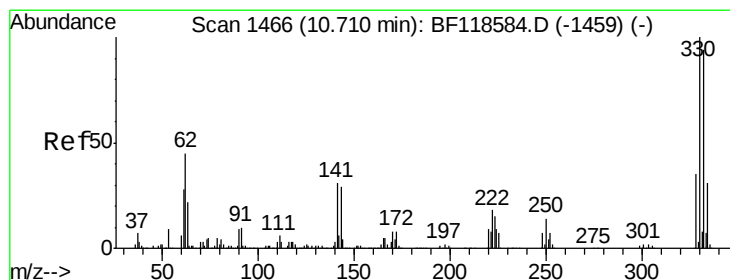
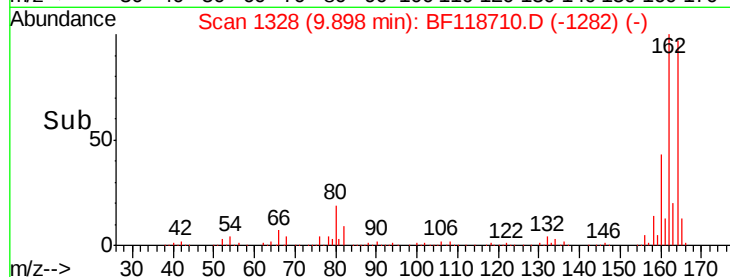
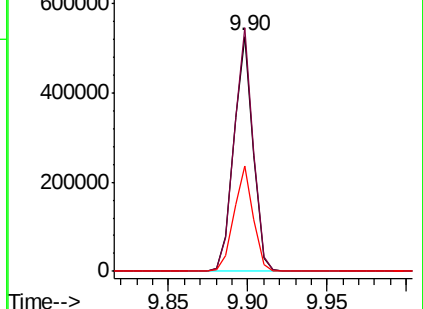
160 45.0 36.6 55.0



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: 116.172 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BF118710.D

Acq: 25 Jan 2020 4:58

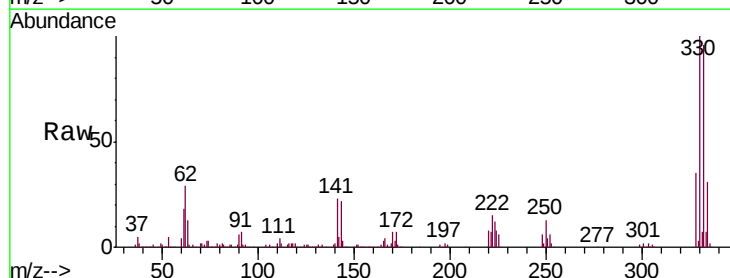
Tgt Ion:330 Resp: 594711

Ion Ratio Lower Upper

330 100

332 95.7 76.2 114.4

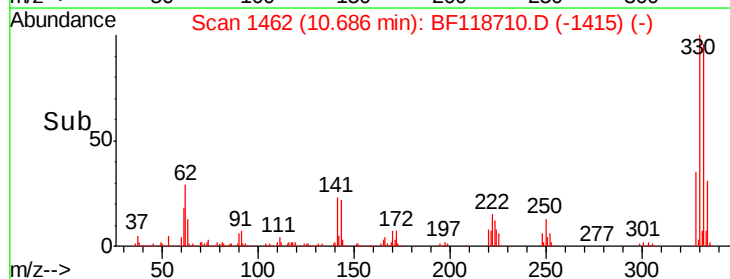
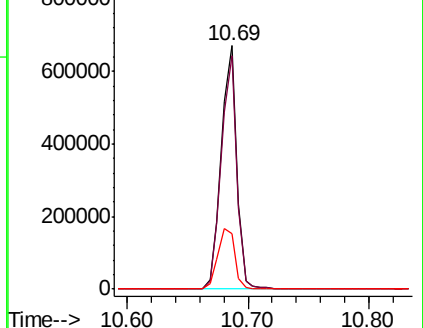
141 27.3 23.9 35.9

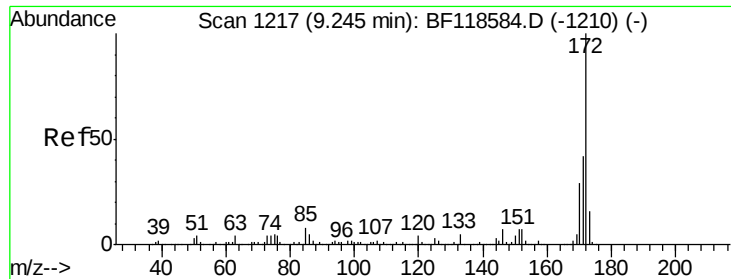


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

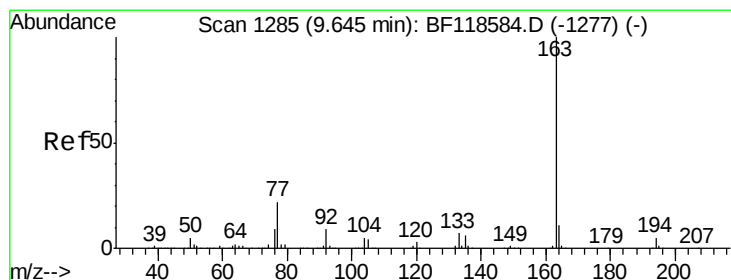
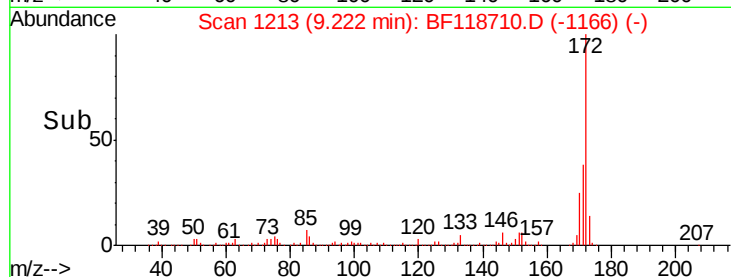
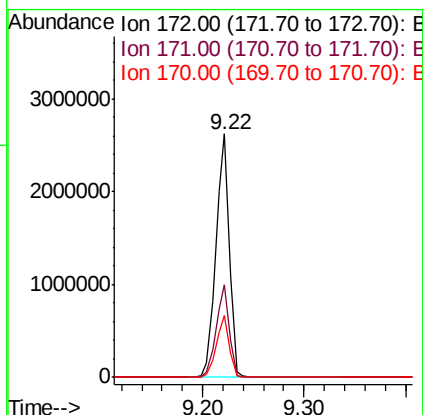
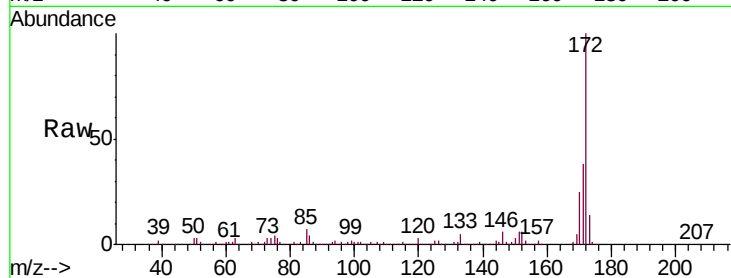




#45
 2-Fluorobiphenyl
 Concen: 89.438 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF118710.D
 Acq: 25 Jan 2020 4:58

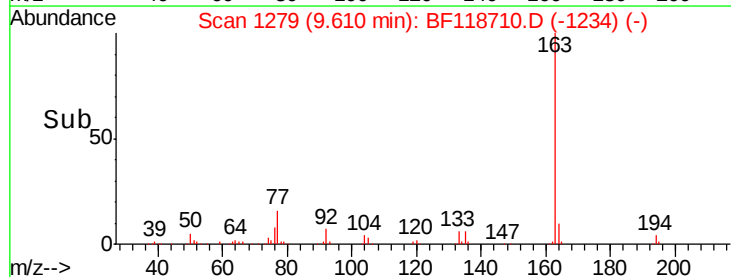
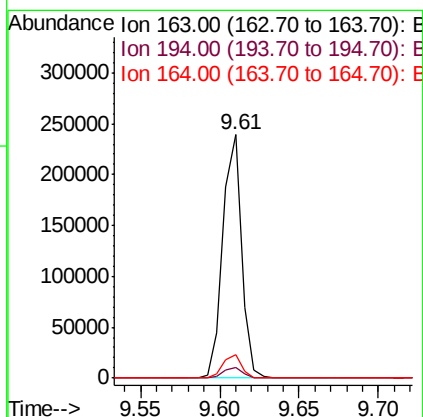
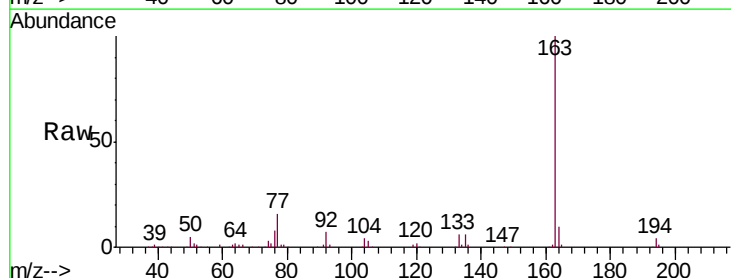
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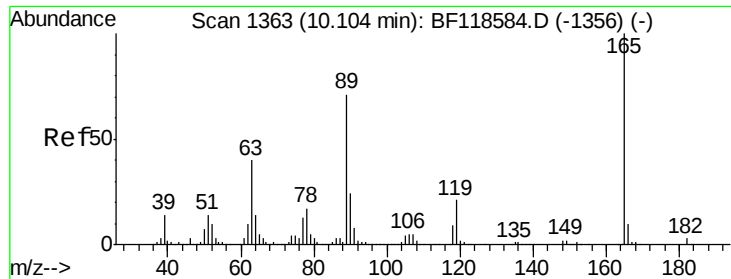
Tgt Ion:172 Resp: 2408410
 Ion Ratio Lower Upper
 172 100
 171 38.0 33.4 50.2
 170 25.4 23.2 34.8



#50
 Dimethylphthalate
 Concen: 6.816 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.04 min
 Lab File: BF118710.D
 Acq: 25 Jan 2020 4:58

Tgt Ion:163 Resp: 196535
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.9 5.9
 164 9.6 9.1 13.7

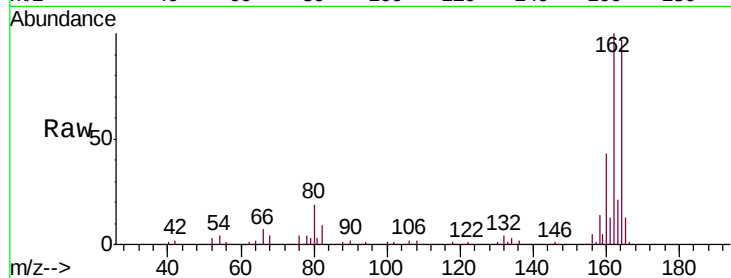




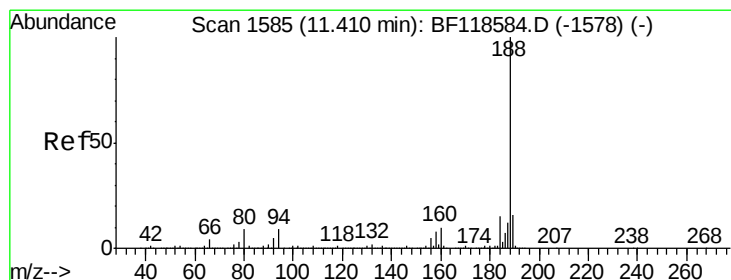
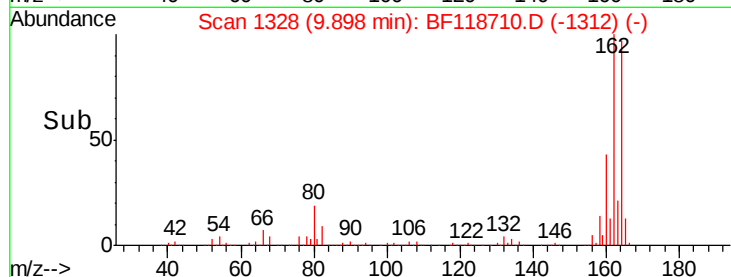
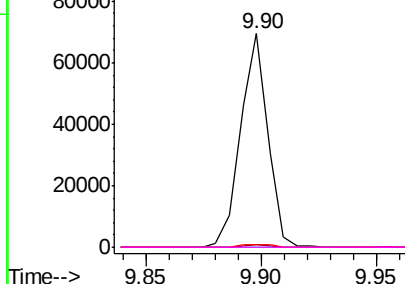
#57
 2,4-Dinitrotoluene
 Concen: 7.040 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.21 min
 Lab File: BF118710.D
 Acq: 25 Jan 2020 4:58

Instrument :
 BNA_F
 ClientSampleId :
 0048-SITE-WATER

Tgt Ion:	165	Resp:	57304
Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.4	48.6#
89	1.1	56.4	84.6#
182	0.0	2.3	3.5#

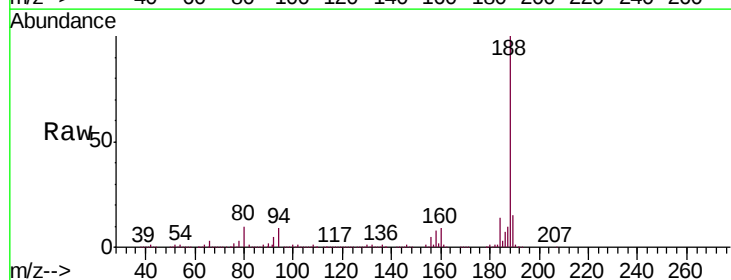


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

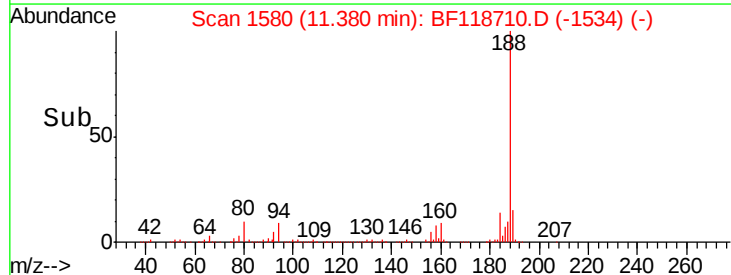
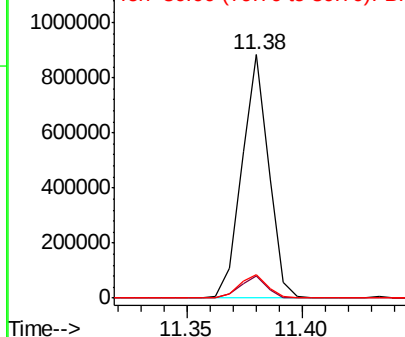


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.03 min
 Lab File: BF118710.D
 Acq: 25 Jan 2020 4:58

Tgt Ion:	188	Resp:	718023
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.1	10.7
80	9.5	7.5	11.3



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

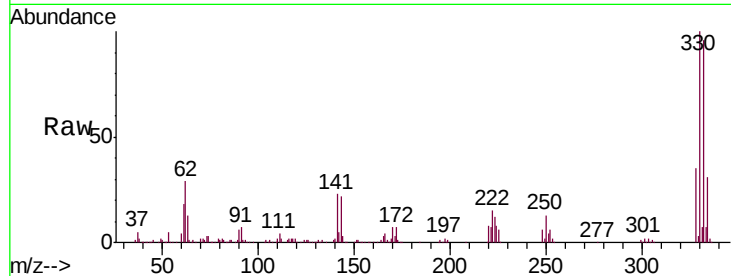




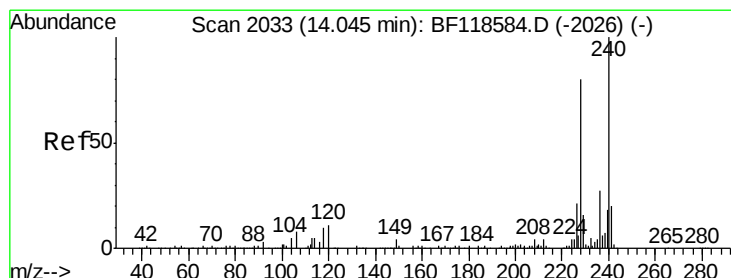
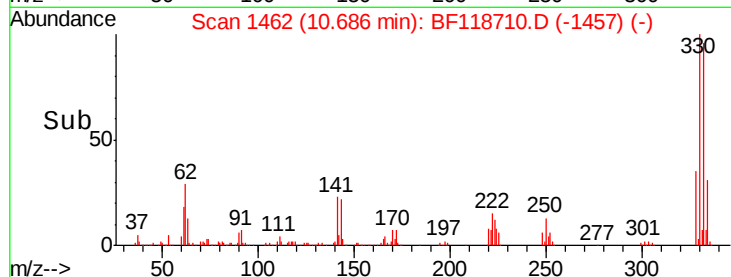
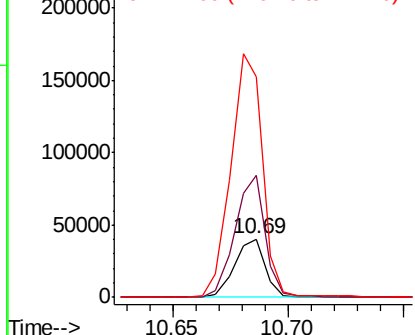
#67
4-Bromophenyl-phenylether
Concen: 4.205 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.27 min
Lab File: BF118710.D
Acq: 25 Jan 2020 4:58

Instrument :
BNA_F
ClientSampleId :
0048-SITE-WATER

Tgt Ion:248 Resp: 37300
Ion Ratio Lower Upper
248 100
250 210.9 78.7 118.1#
141 380.4 43.2 64.8#

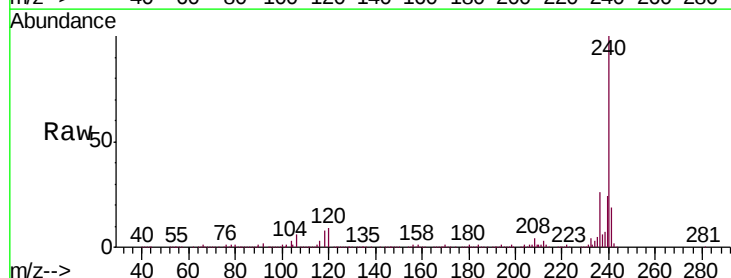


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

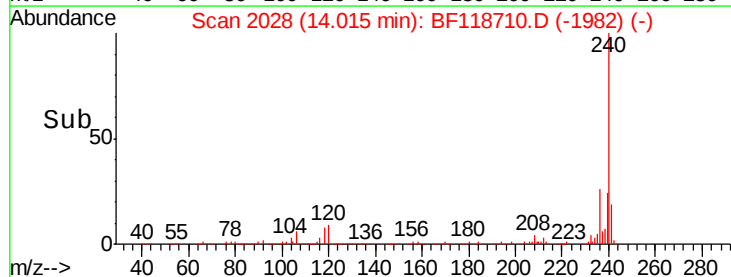
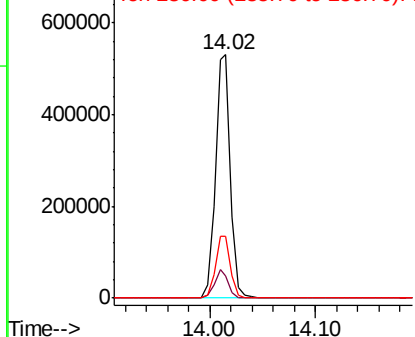


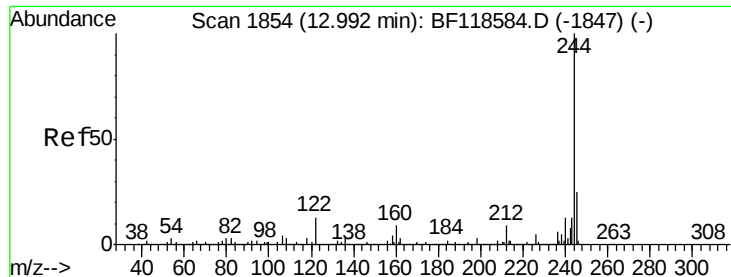
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.03 min
Lab File: BF118710.D
Acq: 25 Jan 2020 4:58

Tgt Ion:240 Resp: 529328
Ion Ratio Lower Upper
240 100
120 9.1 8.9 13.3
236 25.6 21.5 32.3



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: 96.570 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.03 min

Lab File: BF118710.D

Acq: 25 Jan 2020 4:58

Instrument :

BNA_F

ClientSampleId :

0048-SITE-WATER

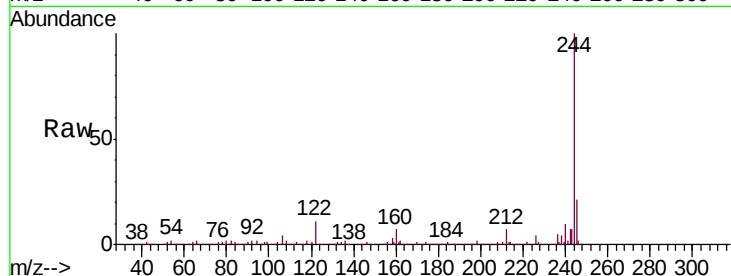
Tgt Ion:244 Resp: 2343644

Ion Ratio Lower Upper

244 100

212 7.0 7.0 10.4

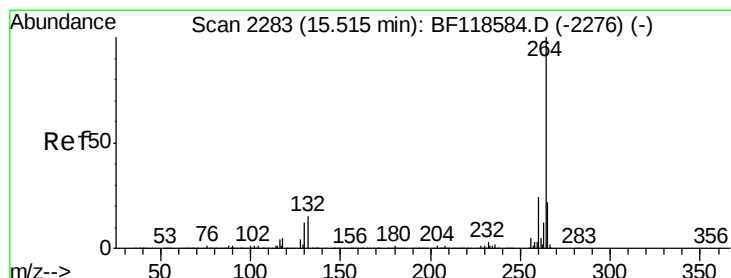
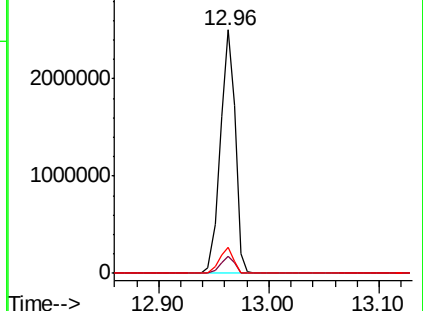
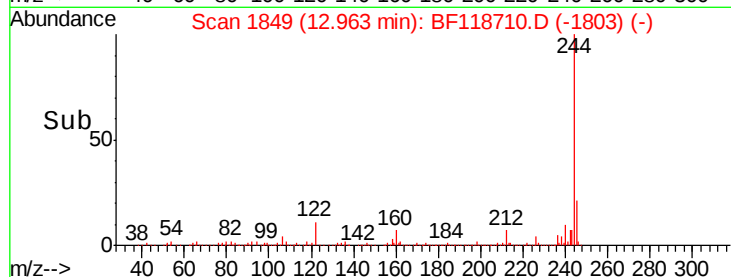
122 10.5 10.7 16.1#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.04 min

Lab File: BF118710.D

Acq: 25 Jan 2020 4:58

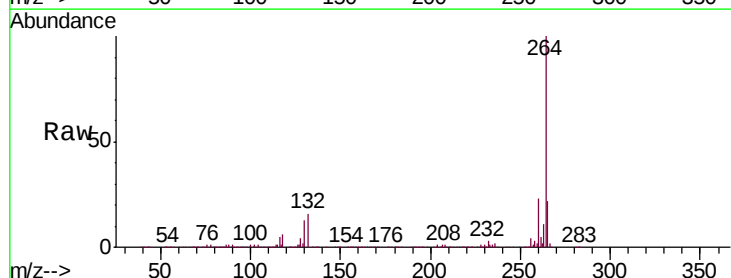
Tgt Ion:264 Resp: 645988

Ion Ratio Lower Upper

264 100

260 23.1 19.6 29.4

265 21.6 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

