

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080219\
 Data File : BF115967.D
 Acq On : 3 Aug 2019 00:33
 Operator : HP/JU
 Sample : K4148-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190599-SITE-WATER

Quant Time: Aug 03 03:42:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

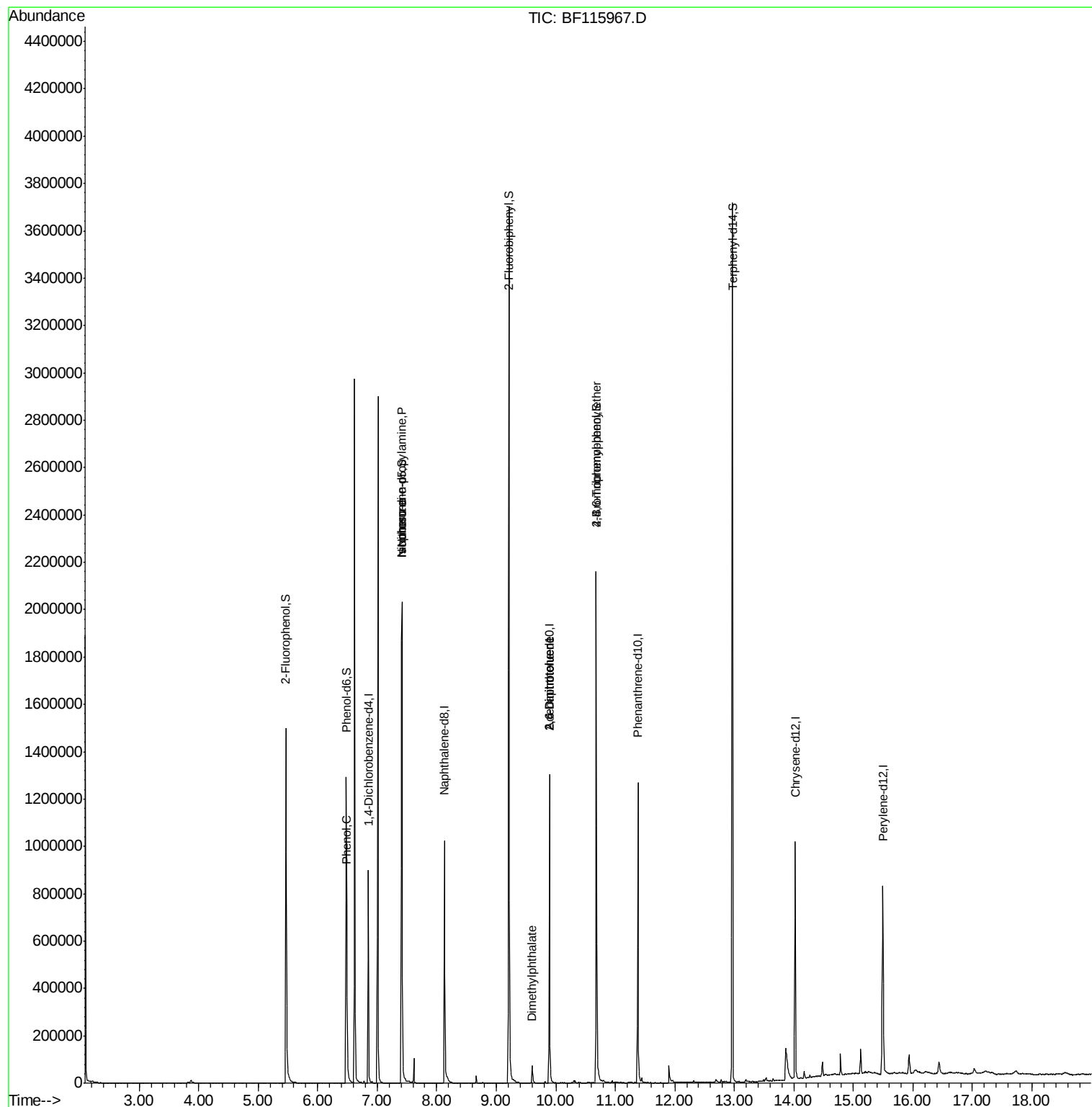
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	121790	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	480751	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	259517	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	468347	20.00	ng	0.00
76) Chrysene-d12	14.02	240	321166	20.00	ng	0.00
87) Perylene-d12	15.49	264	367487	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	449989	61.85	ng	0.00
7) Phenol-d6	6.48	99	431004	46.96	ng	0.00
23) Nitrobenzene-d5	7.42	82	728700	87.49	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	300633	119.48	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1275145	92.03	ng	0.00
79) Terphenyl-d14	12.97	244	1413041	92.71	ng	0.00
Target Compounds						
10) Phenol	6.49	94	59784	5.531	ng	98
19) n-Nitroso-di-n-propylamine	7.42	70	96637	16.990	ng	# 79
25) Isophorone	7.42	82	728696	45.757	ng	# 66
50) Dimethylphthalate	9.60	163	35544	2.012	ng	99
51) 2,6-Dinitrotoluene	9.89	165	33171	8.638	ng	# 28
57) 2,4-Dinitrotoluene	9.89	165	33171	6.488	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	19103	3.810	ng	# 1

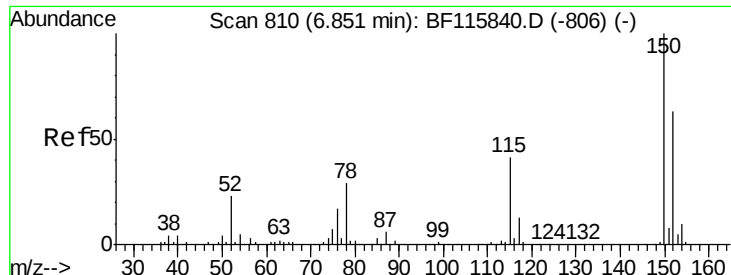
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080219\
Data File : BF115967.D
Acq On : 3 Aug 2019 00:33
Operator : HP/JU
Sample : K4148-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20190599-SITE-WATER

Quant Time: Aug 03 03:42:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

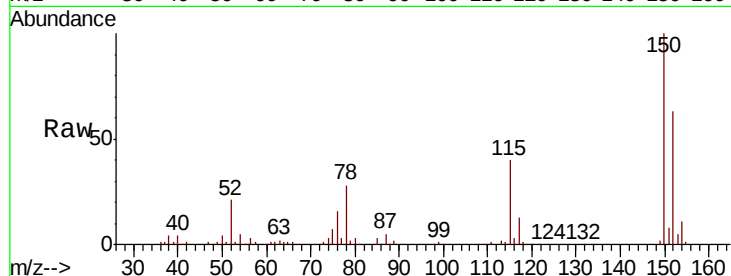




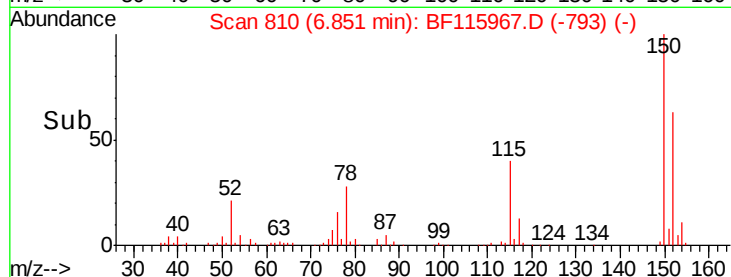
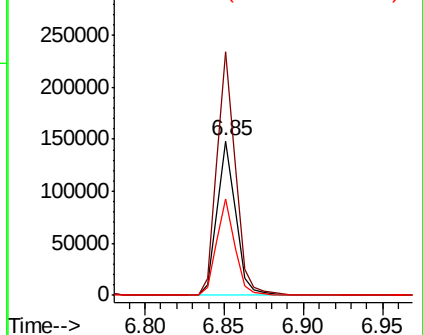
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF115967.D
 Acq: 3 Aug 2019 00:33

Instrument :
 BNA_F
 ClientSampleId :
 20190599-SITE-WATER

Tgt Ion:152 Resp: 121790
 Ion Ratio Lower Upper
 152 100
 150 157.8 127.4 191.0
 115 62.7 51.8 77.8

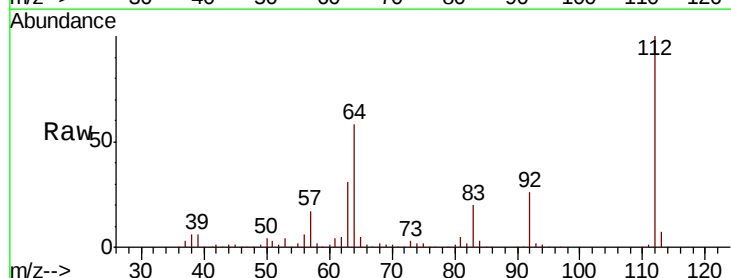


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

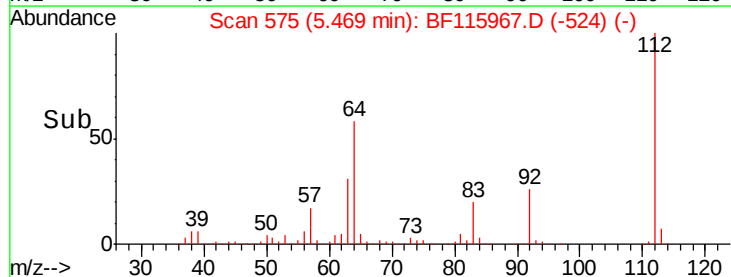
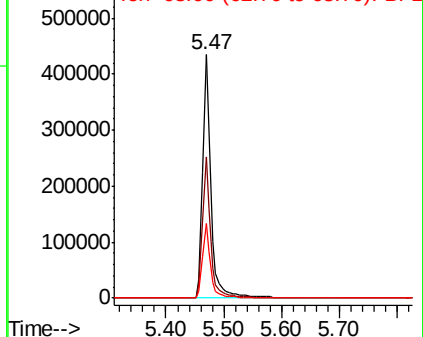


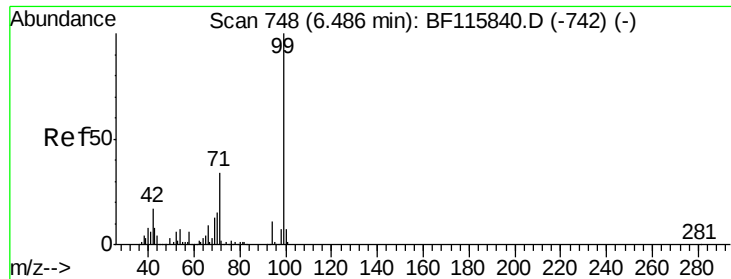
#5
 2-Fluorophenol
 Concen: 61.853 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF115967.D
 Acq: 3 Aug 2019 00:33

Tgt Ion:112 Resp: 449989
 Ion Ratio Lower Upper
 112 100
 64 57.9 46.8 70.2
 63 30.6 24.2 36.2



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: 46.956 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115967.D

Acq: 3 Aug 2019 00:33

Instrument :

BNA_F

ClientSampleId :

20190599-SITE-WATER

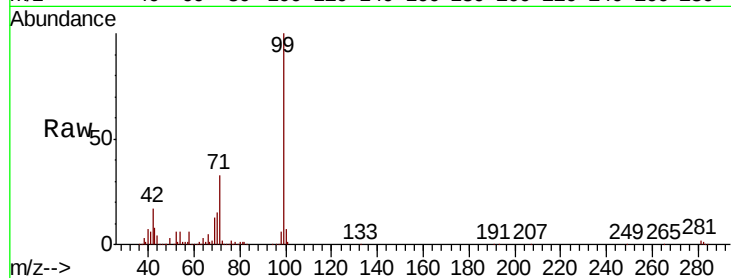
Tgt Ion: 99 Resp: 431004

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.6

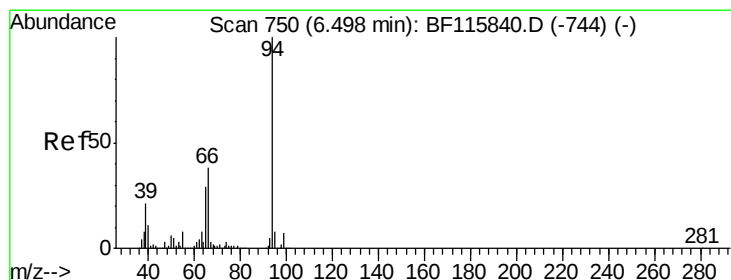
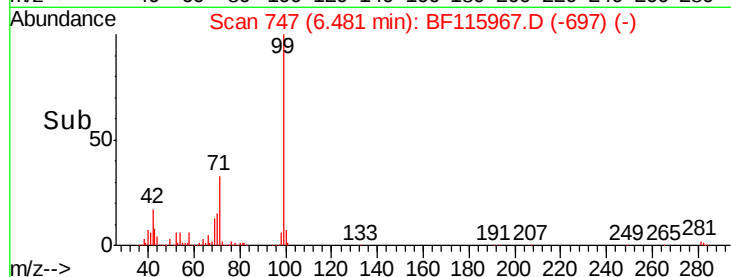
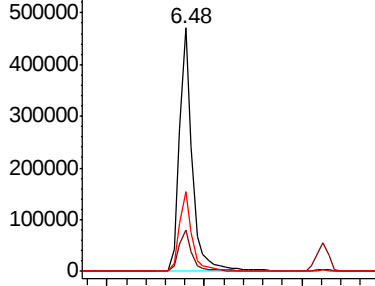
71 32.7 27.1 40.7



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: 5.531 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF115967.D

Acq: 3 Aug 2019 00:33

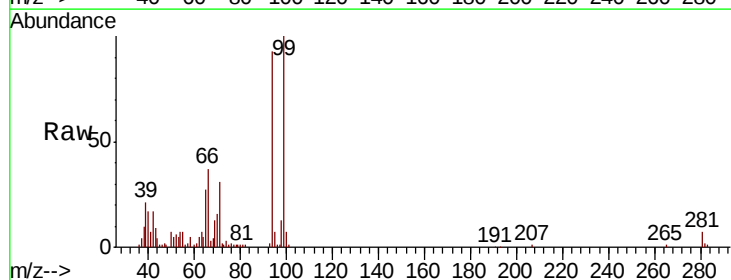
Tgt Ion: 94 Resp: 59784

Ion Ratio Lower Upper

94 100

65 28.7 8.9 48.9

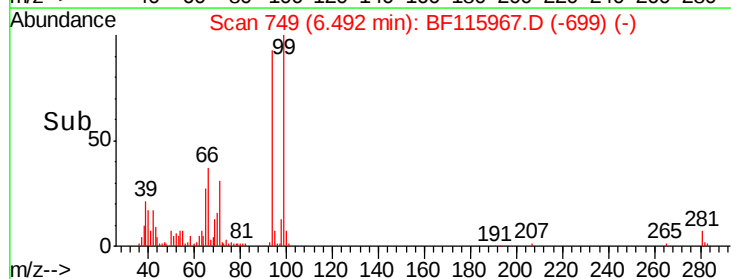
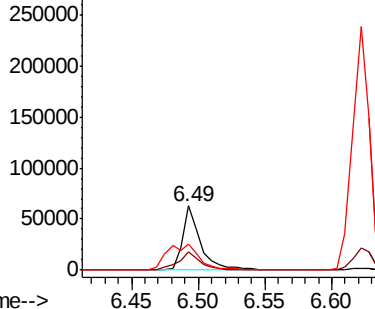
66 40.2 18.0 58.0



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

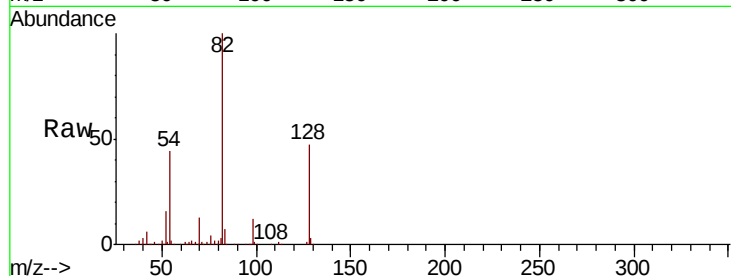




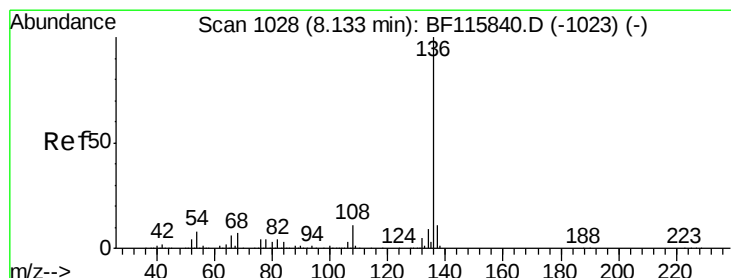
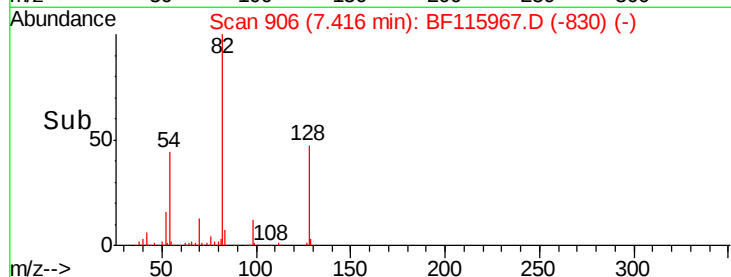
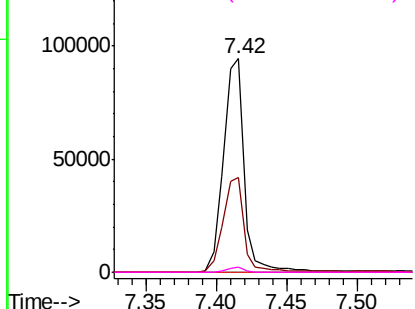
#19
n-Nitroso-di-n-propylamine
Concen: 16.990 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF115967.D
Acq: 3 Aug 2019 00:33

Instrument :
BNA_F
ClientSampleId :
20190599-SITE-WATER

Tgt Ion: 70 Resp: 96637
Ion Ratio Lower Upper
70 100
42 44.5 41.8 62.8
101 0.0 7.7 11.5#
130 2.5 17.8 26.6#

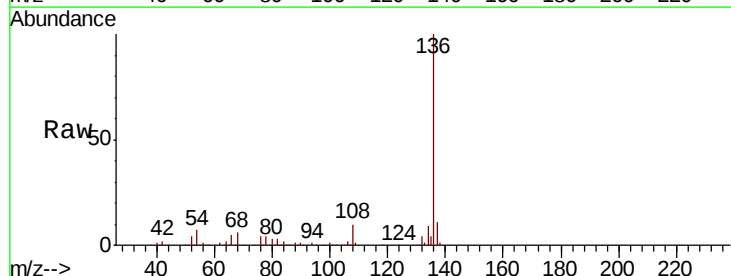


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

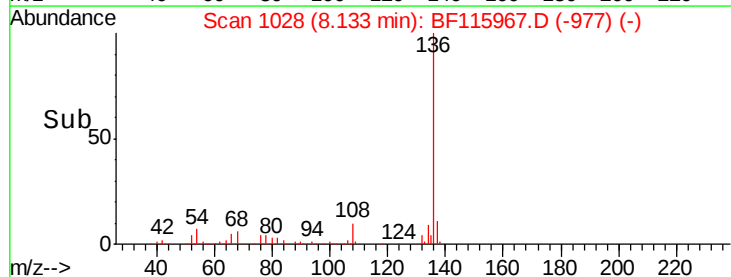
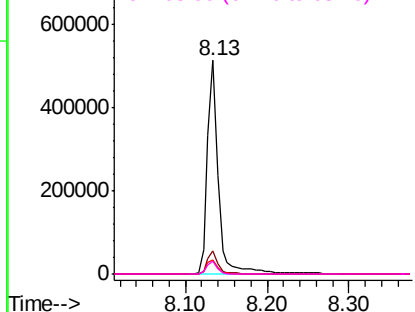


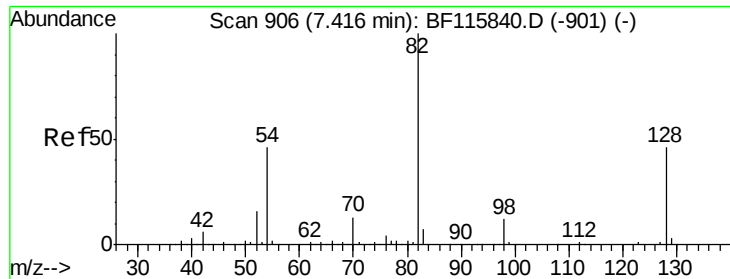
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115967.D
Acq: 3 Aug 2019 00:33

Tgt Ion: 136 Resp: 480751
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 6.9 6.1 9.1
68 5.9 5.4 8.2



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

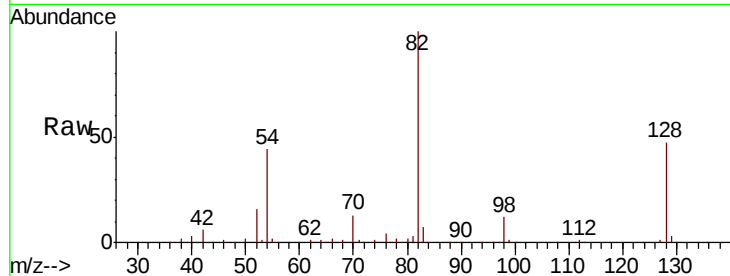




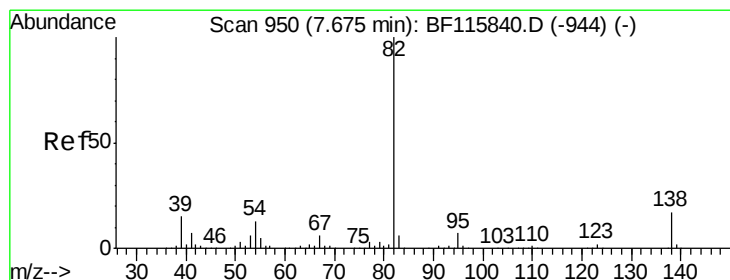
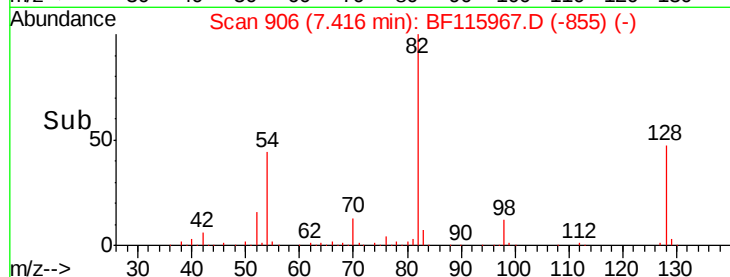
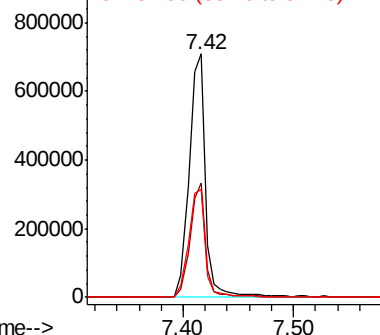
#23
 Nitrobenzene-d5
 Concen: 87.494 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115967.D
 Acq: 3 Aug 2019 00:33

Instrument :
 BNA_F
 ClientSampleId :
 20190599-SITE-WATER

Tgt Ion: 82 Resp: 728700
 Ion Ratio Lower Upper
 82 100
 128 47.2 36.6 55.0
 54 44.4 36.6 55.0

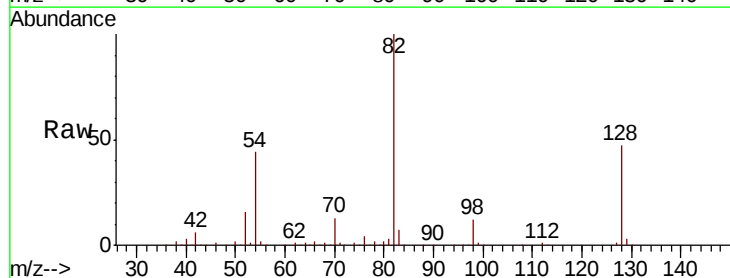


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

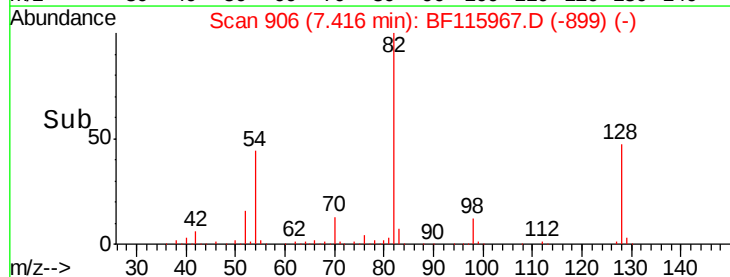
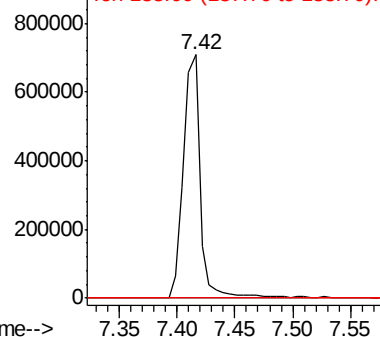


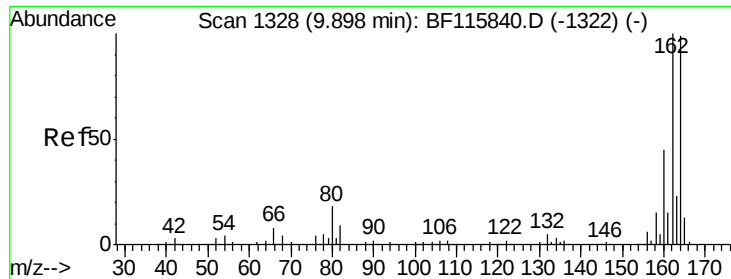
#25
 Isophorone
 Concen: 45.757 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF115967.D
 Acq: 3 Aug 2019 00:33

Tgt Ion: 82 Resp: 728696
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 13.9 20.9#



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115967.D

Acq: 3 Aug 2019 00:33

Instrument :

BNA_F

ClientSampleId :

20190599-SITE-WATER

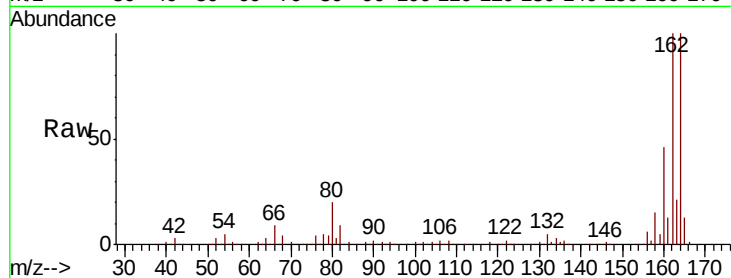
Tgt Ion:164 Resp: 259517

Ion Ratio Lower Upper

164 100

162 99.5 80.8 121.2

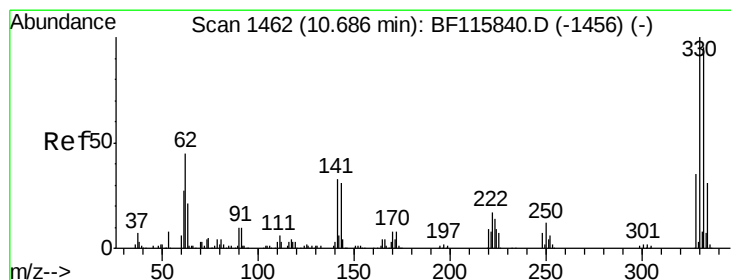
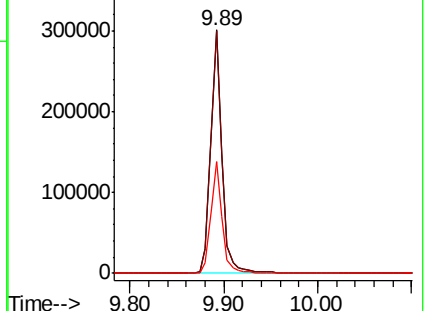
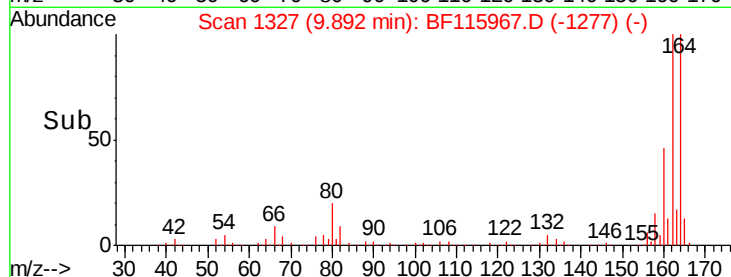
160 45.8 36.2 54.4



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: 119.484 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF115967.D

Acq: 3 Aug 2019 00:33

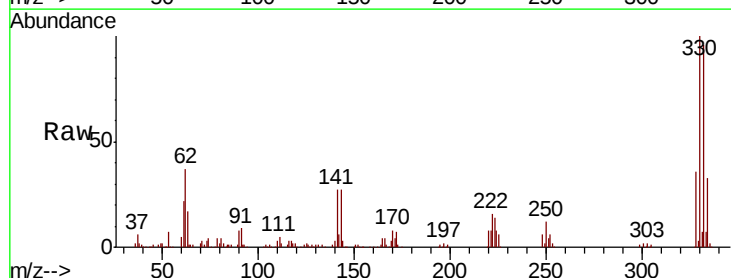
Tgt Ion:330 Resp: 300633

Ion Ratio Lower Upper

330 100

332 97.2 77.7 116.5

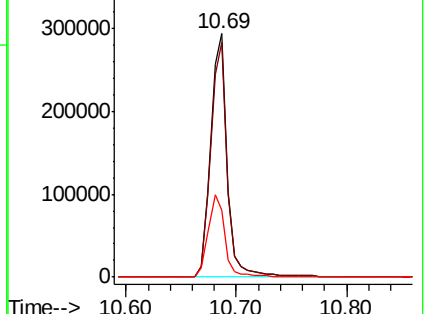
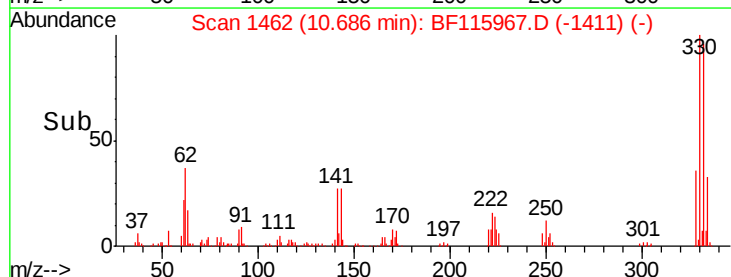
141 34.0 28.1 42.1



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

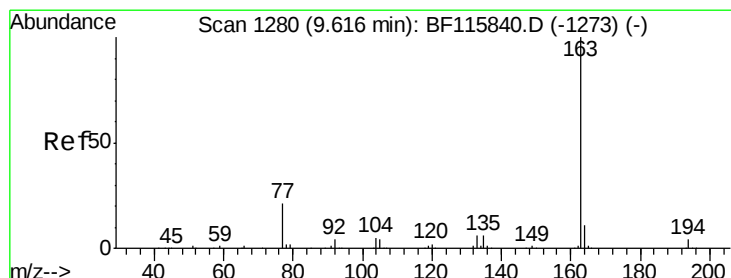
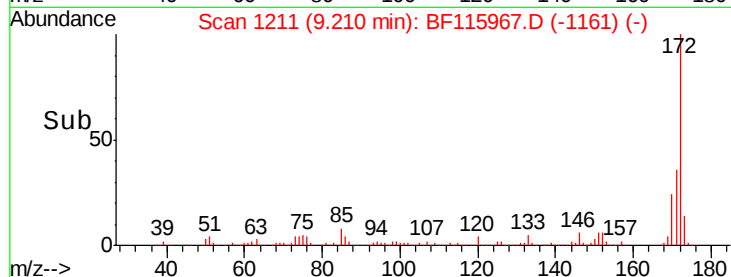
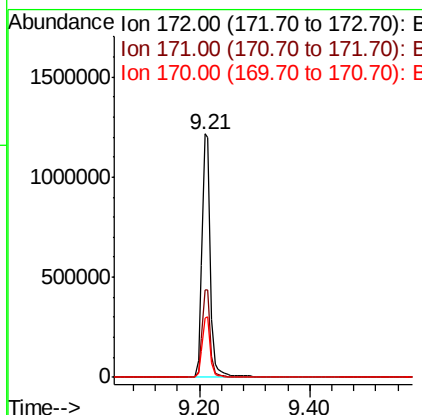
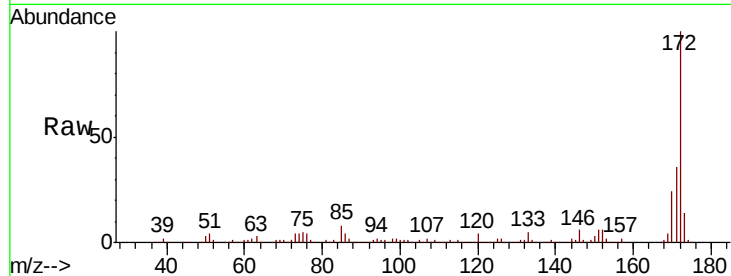




#45
 2-Fluorobiphenyl
 Concen: 92.034 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF115967.D
 Acq: 3 Aug 2019 00:33

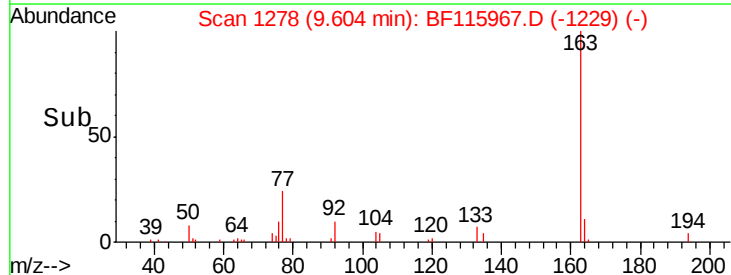
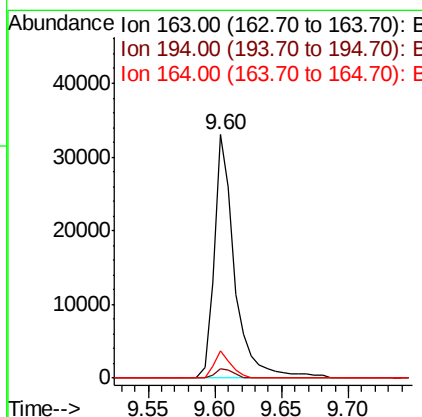
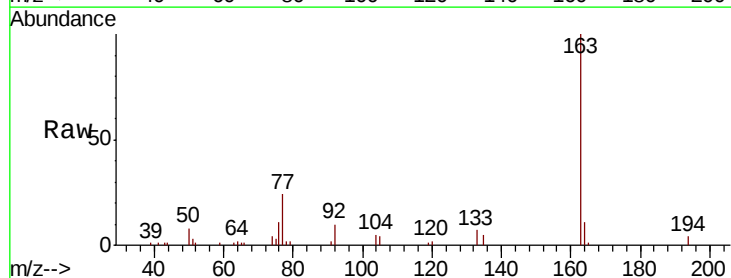
Instrument :
 BNA_F
 ClientSampleId :
 20190599-SITE-WATER

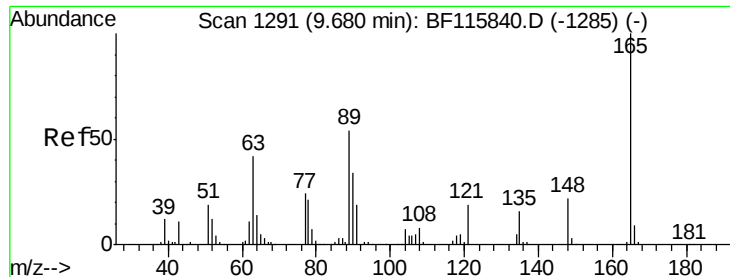
Tgt Ion:172 Resp: 1275145
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.1 43.7
 170 24.3 20.1 30.1



#50
 Dimethylphthalate
 Concen: 2.012 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF115967.D
 Acq: 3 Aug 2019 00:33

Tgt Ion:163 Resp: 35544
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.0 4.6
 164 11.0 8.4 12.6

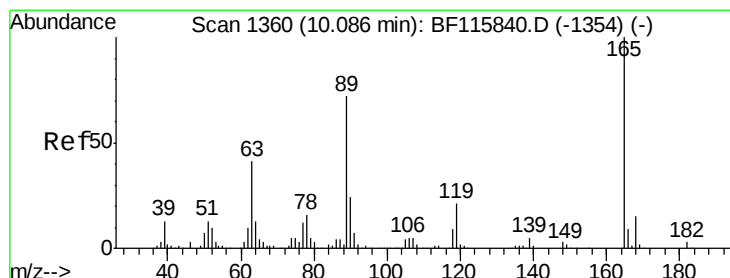
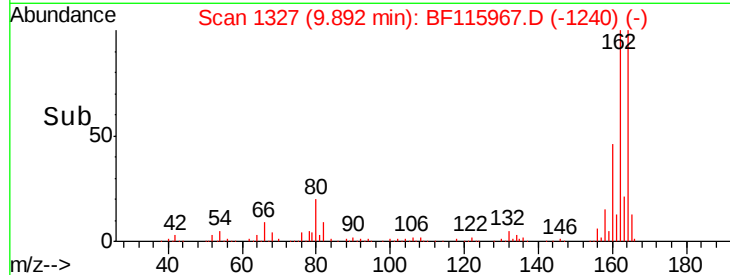
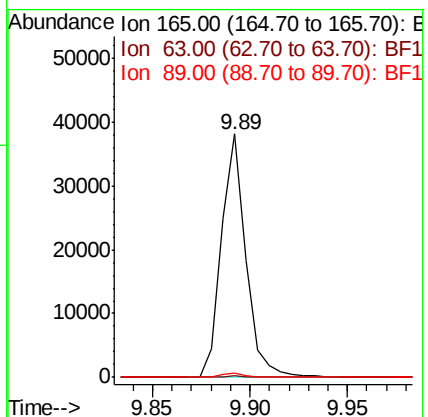
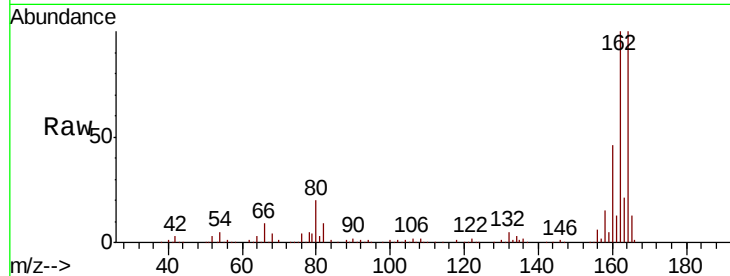




#51
 2,6-Dinitrotoluene
 Concen: 8.638 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF115967.D
 Acq: 3 Aug 2019 00:33

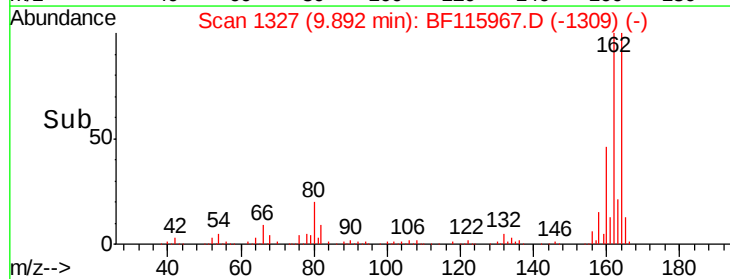
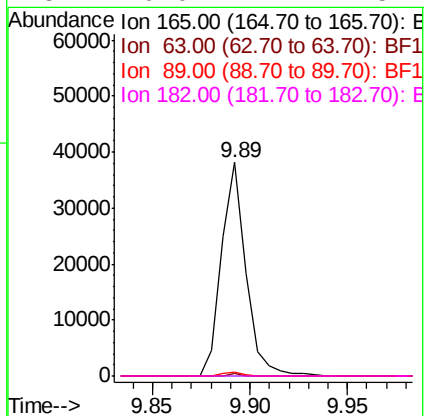
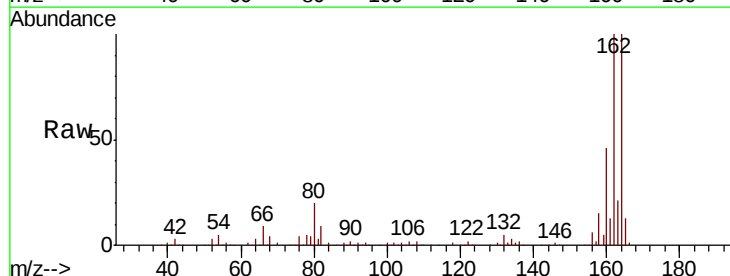
Instrument :
 BNA_F
 ClientSampleId :
 20190599-SITE-WATER

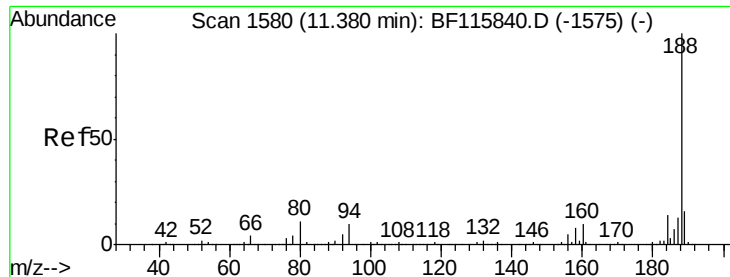
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	39.4	59.2#
89	1.8	43.0	64.6#



#57
 2,4-Dinitrotoluene
 Concen: 6.488 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF115967.D
 Acq: 3 Aug 2019 00:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	33.2	49.8#
89	1.8	57.3	85.9#
182	0.0	2.1	3.1#

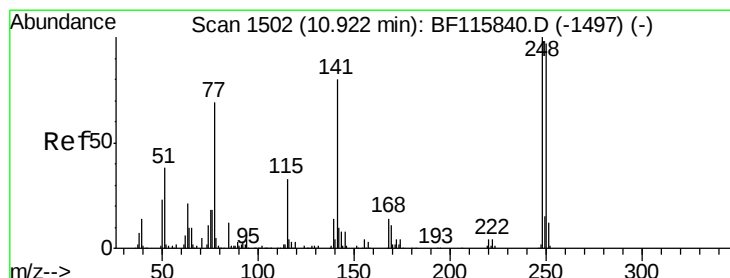
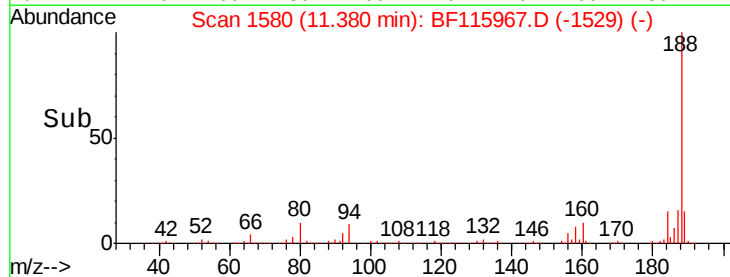
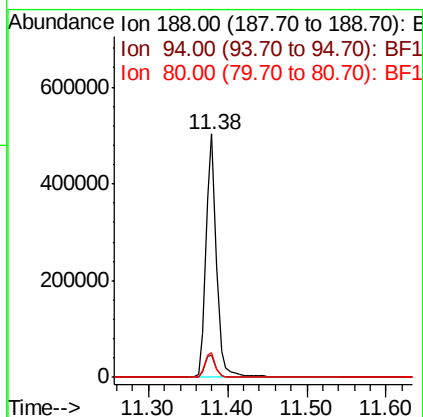
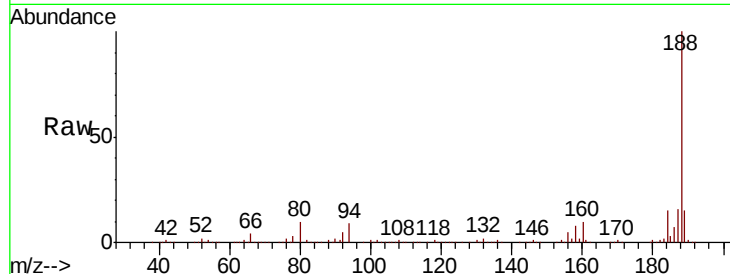




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF115967.D
 Acq: 3 Aug 2019 00:33

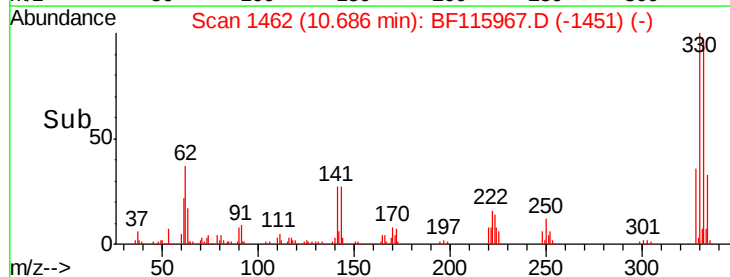
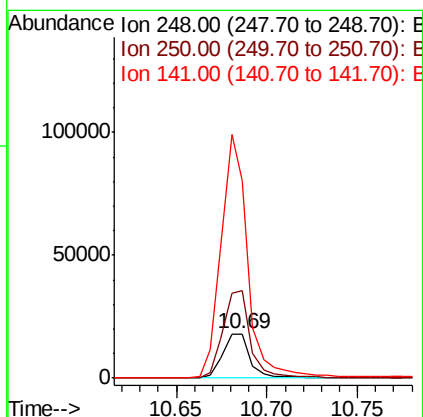
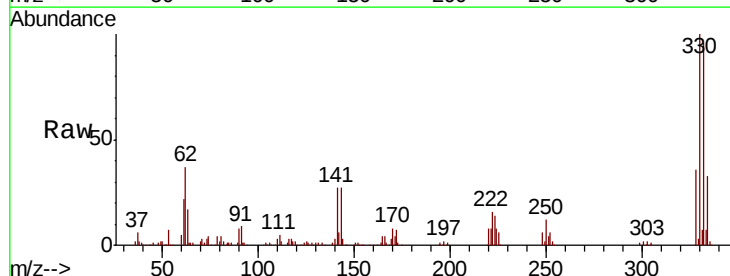
Instrument :
 BNA_F
 ClientSampleId :
 20190599-SITE-WATER

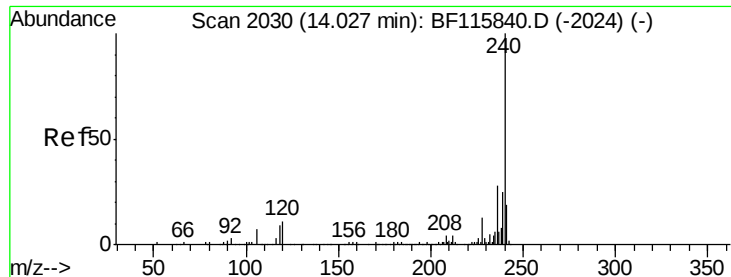
Tgt Ion:188 Resp: 468347
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.0 12.0
 80 9.9 8.6 12.8



#67
 4-Bromophenyl-phenylether
 Concen: 3.810 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.24 min
 Lab File: BF115967.D
 Acq: 3 Aug 2019 00:33

Tgt Ion:248 Resp: 19103
 Ion Ratio Lower Upper
 248 100
 250 197.2 77.8 116.6#
 141 445.3 64.3 96.5#

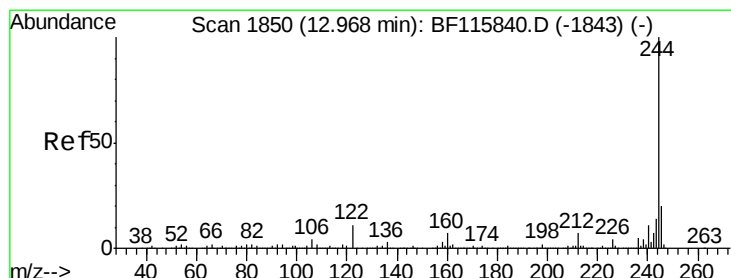
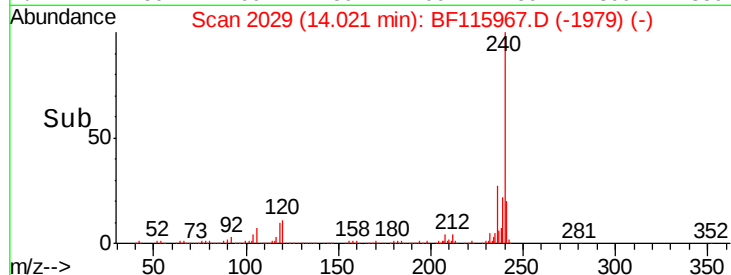
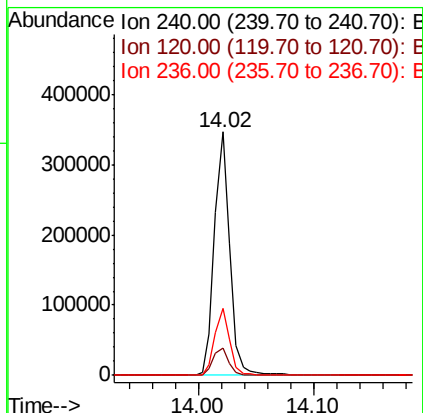
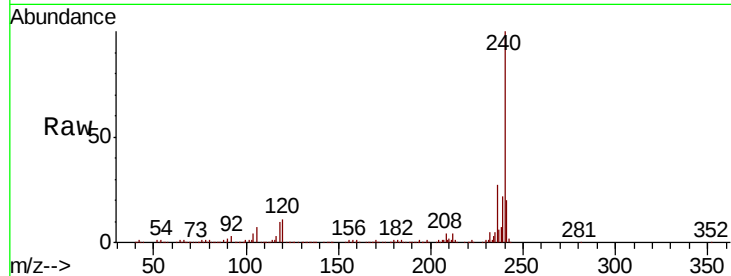




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115967.D
Acq: 3 Aug 2019 00:33

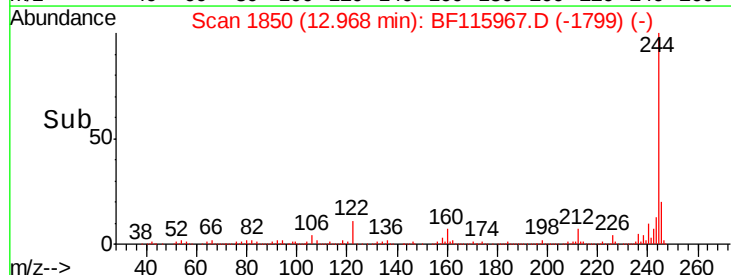
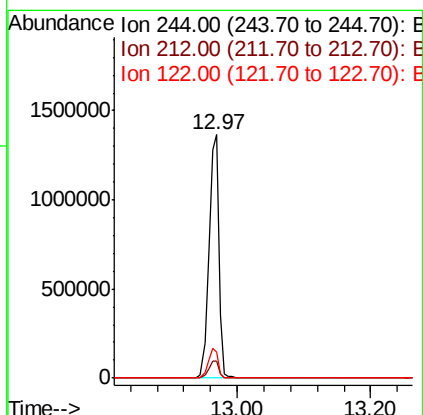
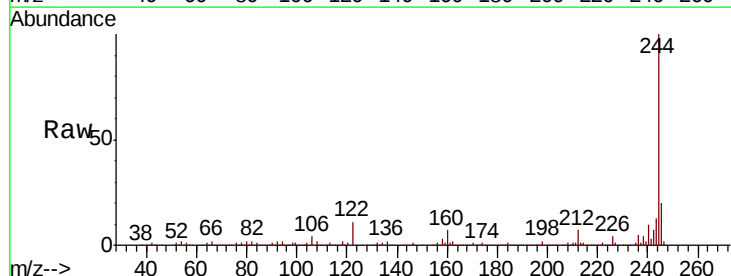
Instrument :
BNA_F
ClientSampleId :
20190599-SITE-WATER

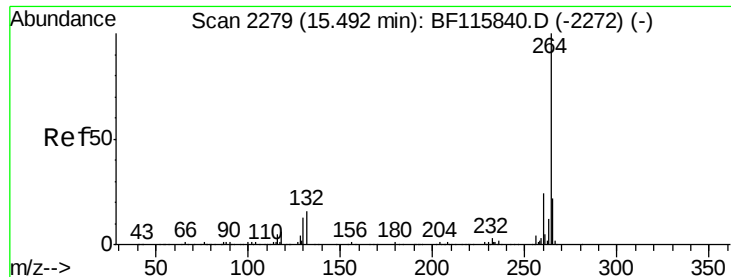
Tgt Ion:240 Resp: 321166
Ion Ratio Lower Upper
240 100
120 11.3 8.5 12.7
236 27.3 22.2 33.2



#79
Terphenyl-d14
Concen: 92.709 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BF115967.D
Acq: 3 Aug 2019 00:33

Tgt Ion:244 Resp: 1413041
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.6 8.6 13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF115967.D
Acq: 3 Aug 2019 00:33

Instrument :
BNA_F
ClientSampleId :
20190599-SITE-WATER

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.6	17.5	26.3

