

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 04:19:32 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

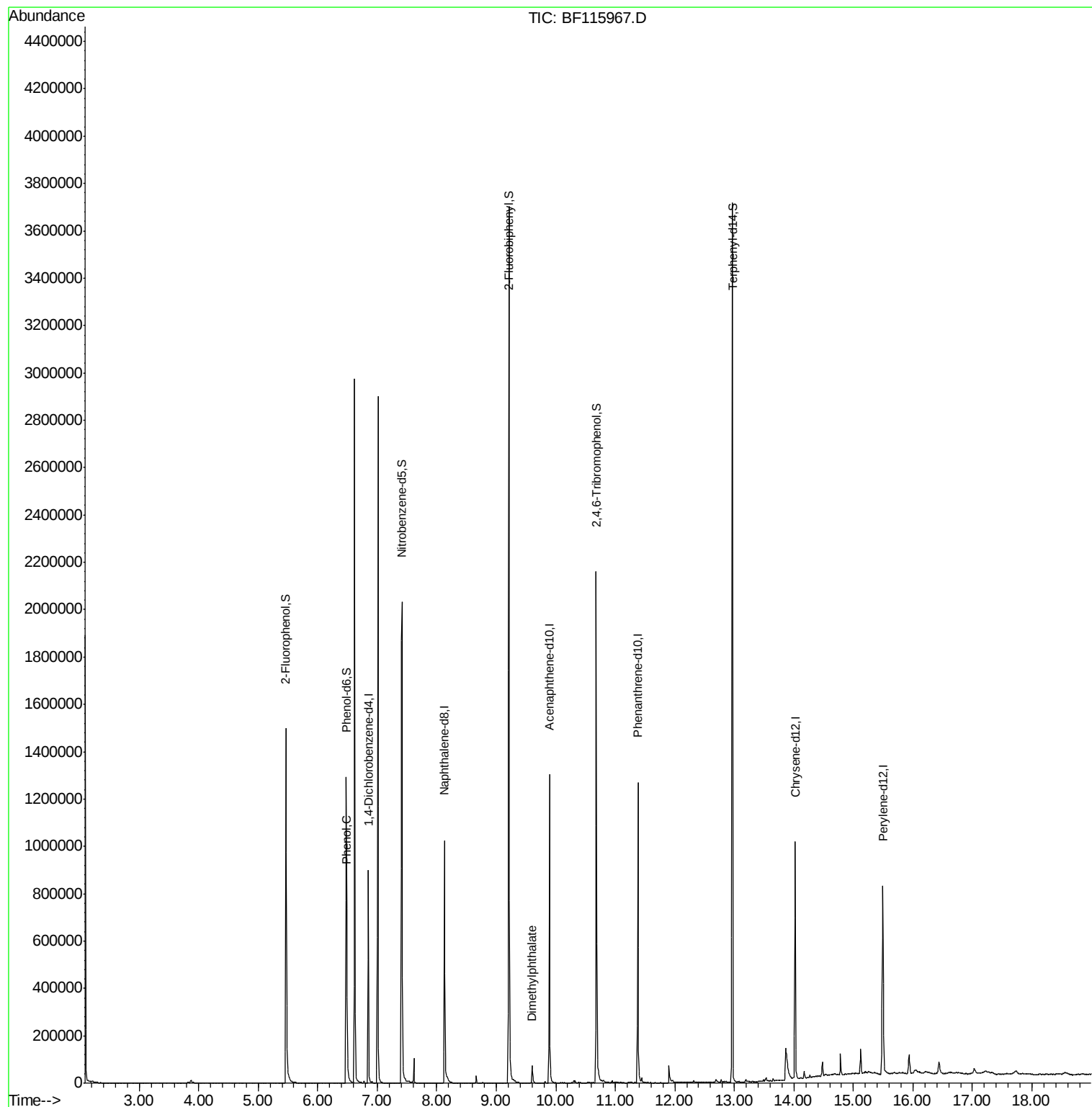
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	121790	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	480751	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	259517	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	468347	20.00	ng	0.00
76) Chrysene-d12	14.02	240	321166	20.00	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
50) Dimethylphthalate	9.60	163	35544	2.012	ng	99

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

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#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 :

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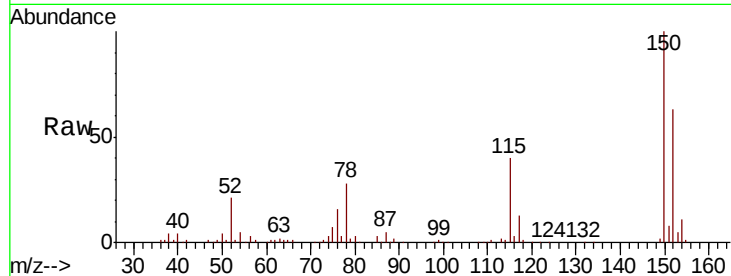
Tot Ion:152 Resp: 121790

Ion Ratio Lower Upper

152 100

150 157.8 127.4 191.0

115 62.7 51.8 77.8

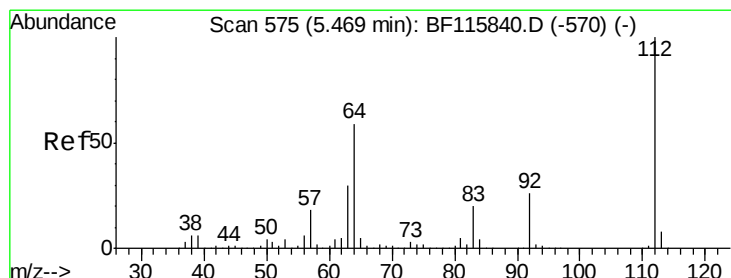
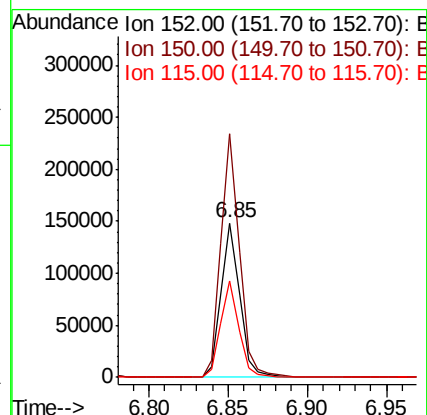
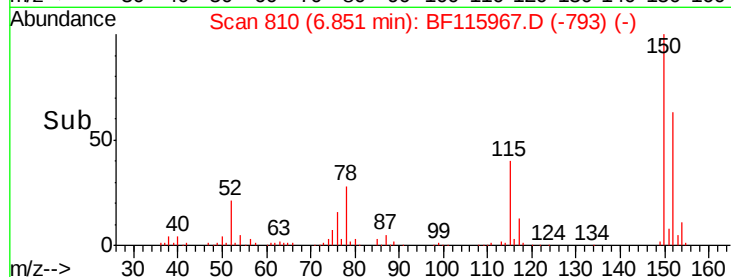


Abundance

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

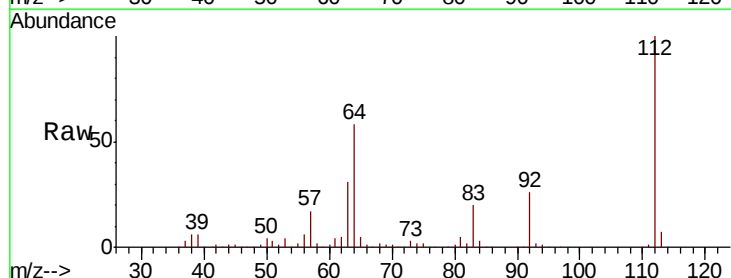
Tgt Ion:112 Resp: 449989

Ion Ratio Lower Upper

112 100

64 57.9 46.8 70.2

63 30.6 24.2 36.2

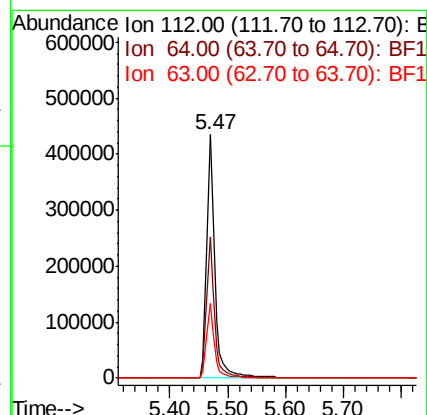
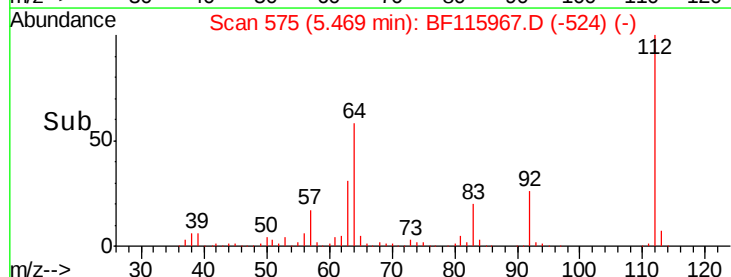


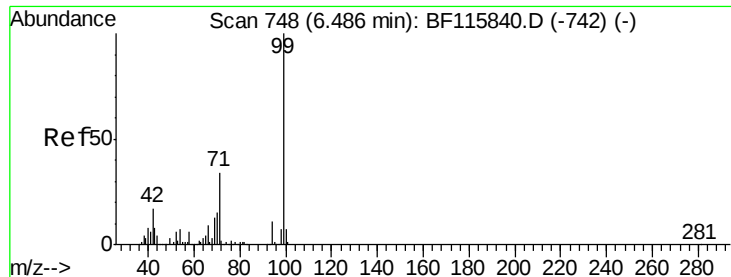
Abundance

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

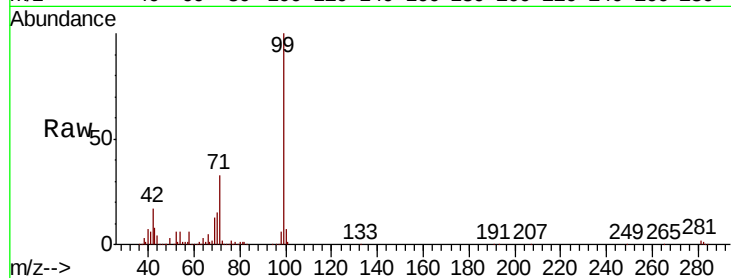
Tot Ion: 99 Resp: 431004

Ion Ratio Lower Upper

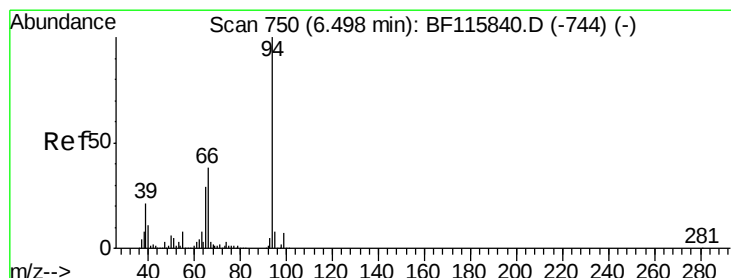
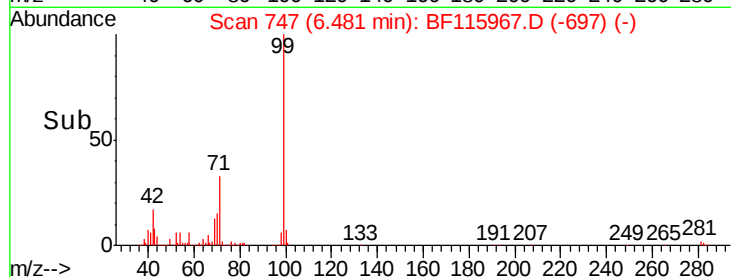
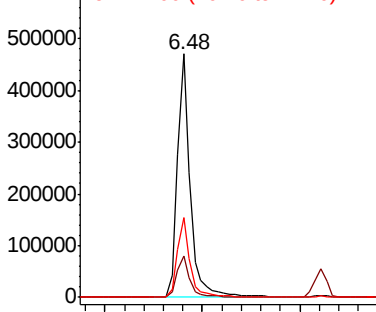
99 100

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

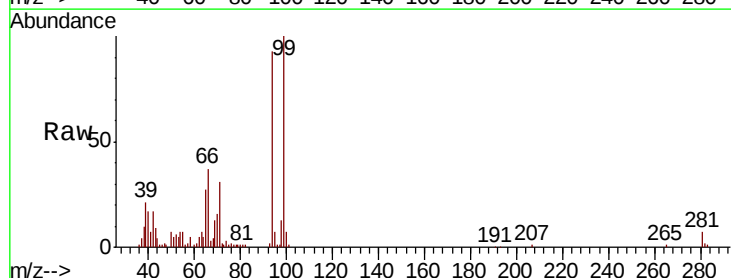
Tgt Ion: 94 Resp: 59784

Ion Ratio Lower Upper

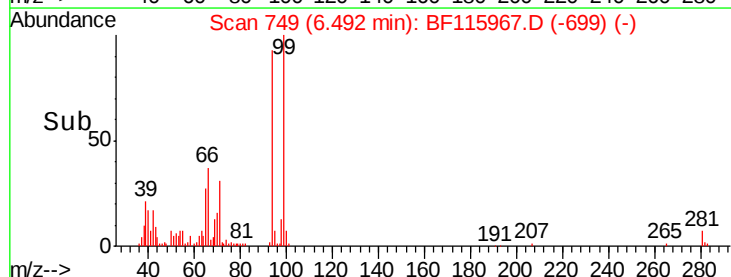
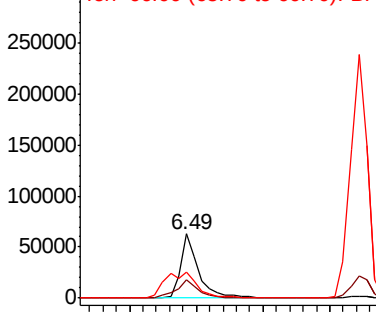
94 100

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

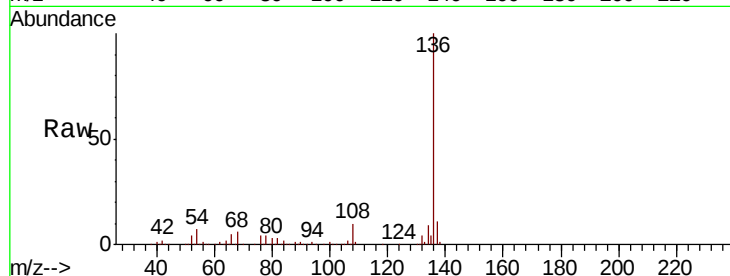




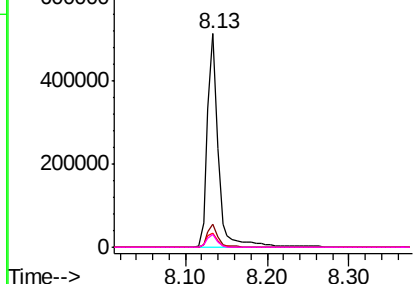
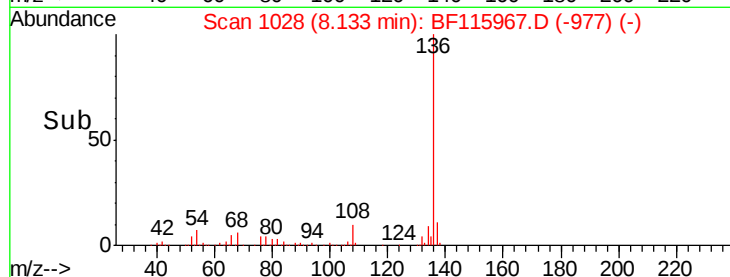
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115967.D
Acq: 3 Aug 2019 00:33

Instrument :
BNA_F
ClientSampleId :
20190599-SITE-WATER

Tot 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	

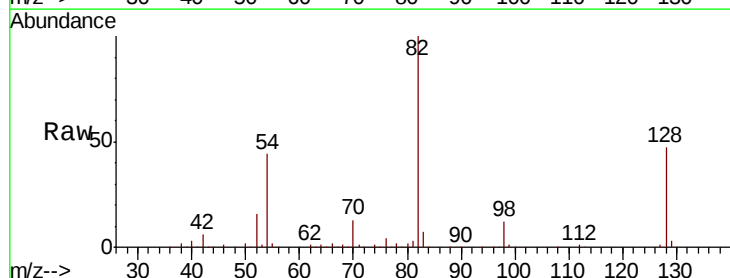


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

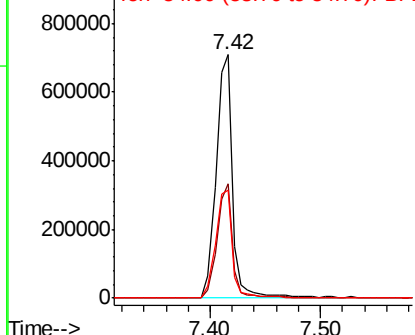
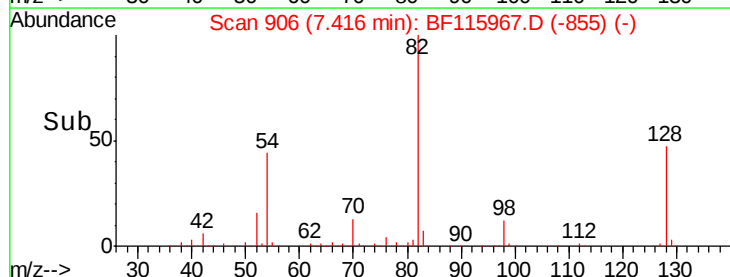


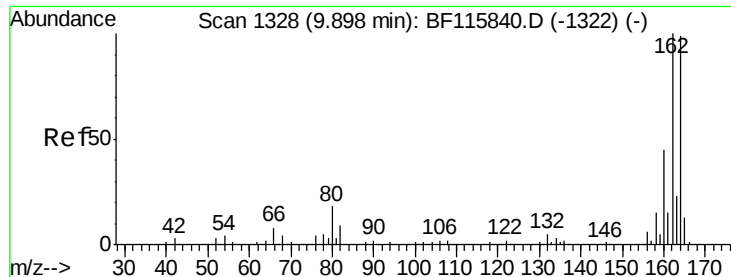
#23
Nitrobenzene-d5
Concen: 87.494 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115967.D
Acq: 3 Aug 2019 00:33

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): E
Ion 54.00 (53.70 to 54.70): 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

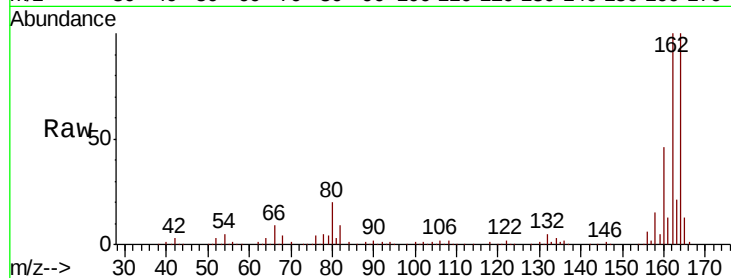
Tot Ion:164 Resp: 259517

Ion Ratio Lower Upper

164 100

162 99.5 80.8 121.2

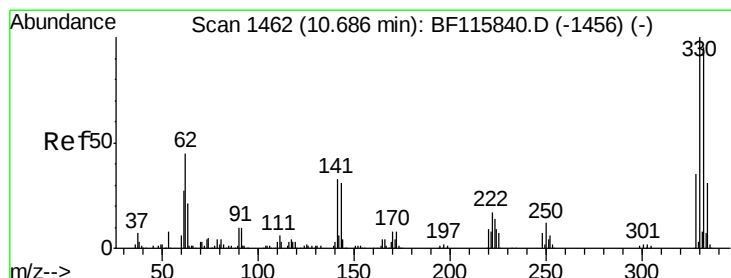
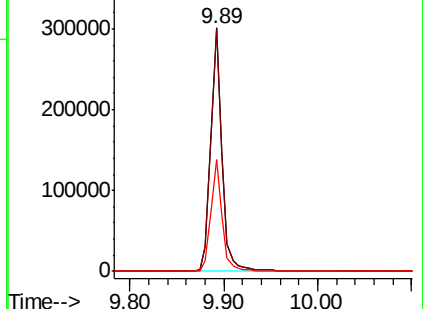
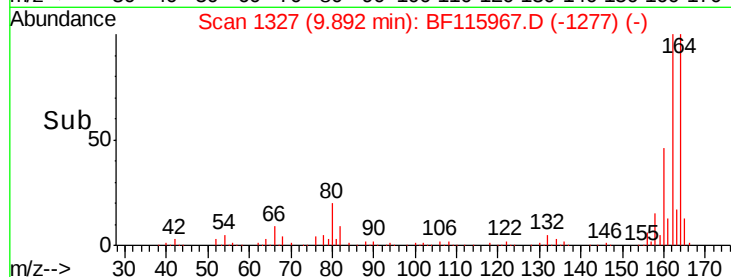
160 45.8 36.2 54.4



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

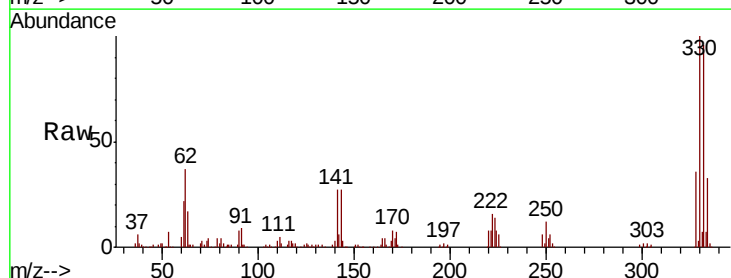
Tgt Ion:330 Resp: 300633

Ion Ratio Lower Upper

330 100

332 97.2 77.7 116.5

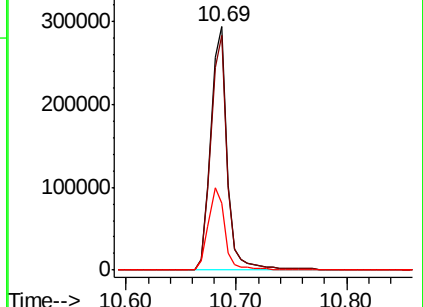
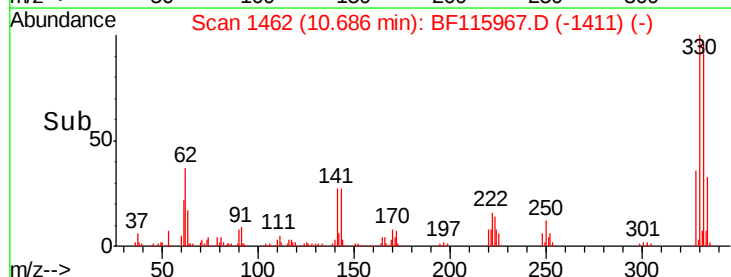
141 34.0 28.1 42.1



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

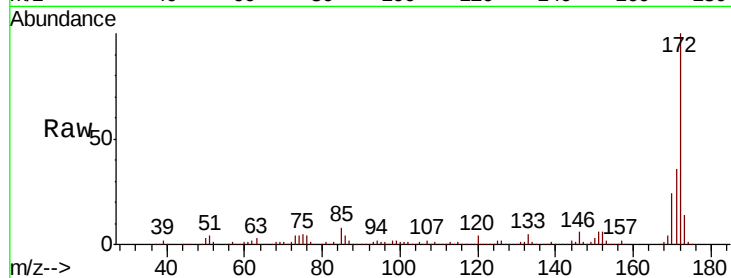




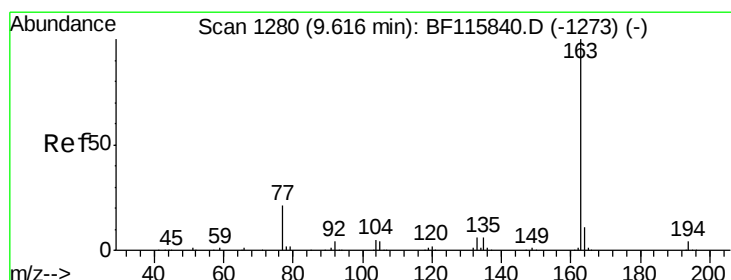
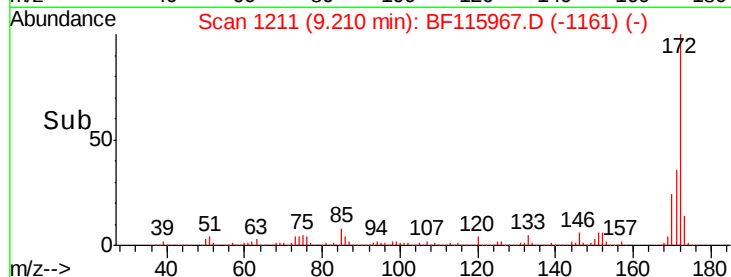
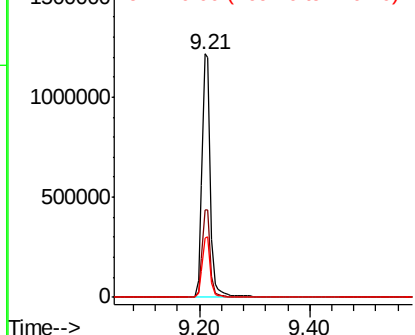
#45
2-Fluorobiphenyl
Concen: 92.034 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF115967.D
Acq: 3 Aug 2019 00:33

Instrument :
BNA_F
ClientSampleId :
20190599-SITE-WATER

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

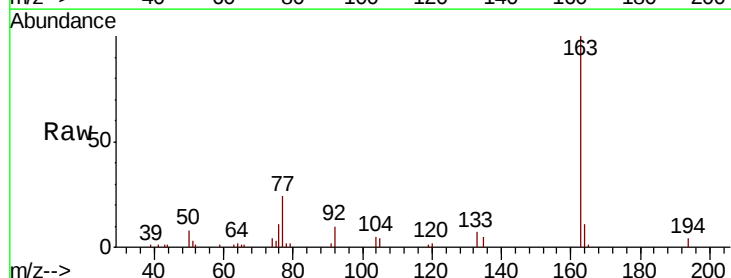


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

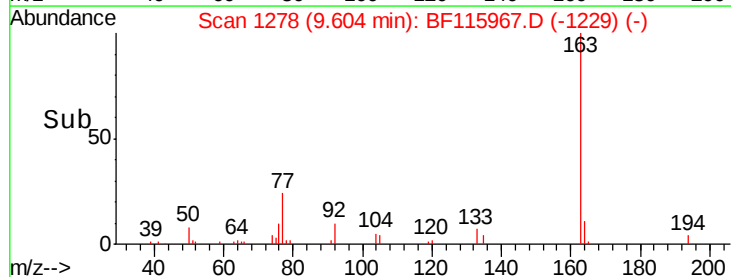
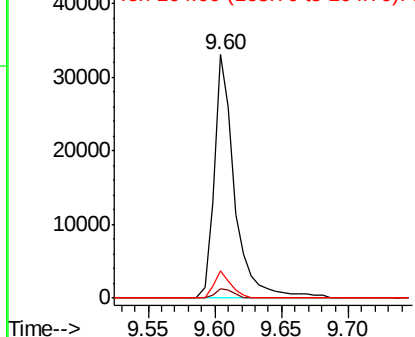


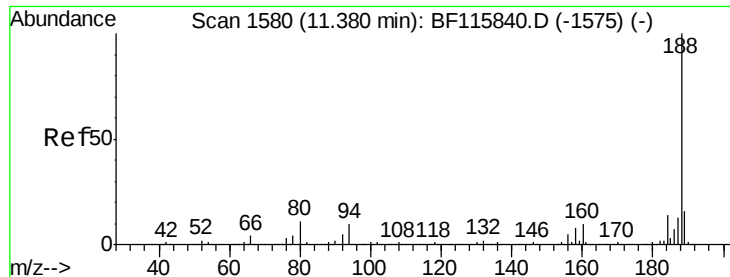
#50
Dimethylphthalate
Concen: 2.012 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF115967.D
Acq: 3 Aug 2019 00:33

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



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

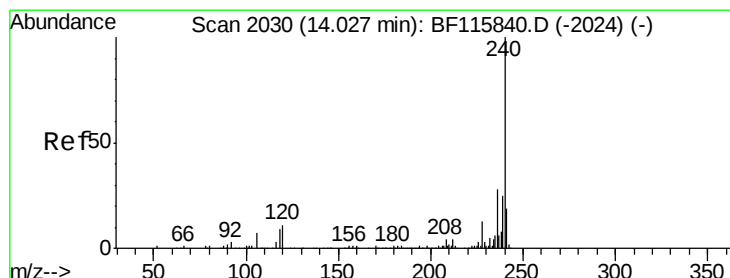
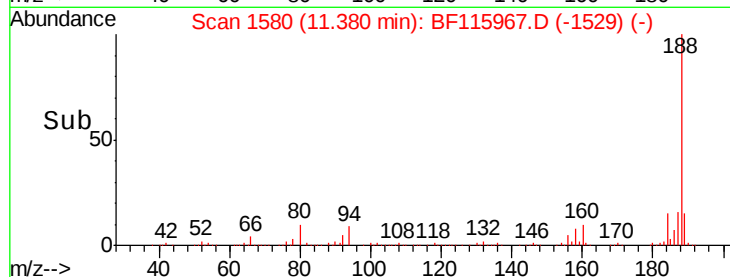
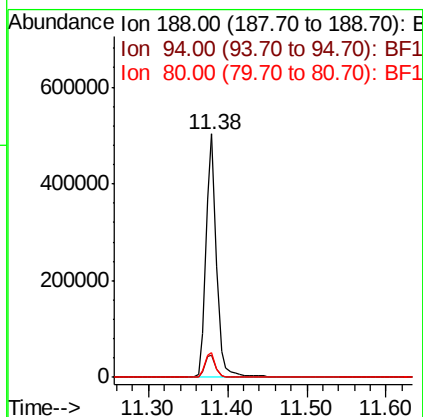
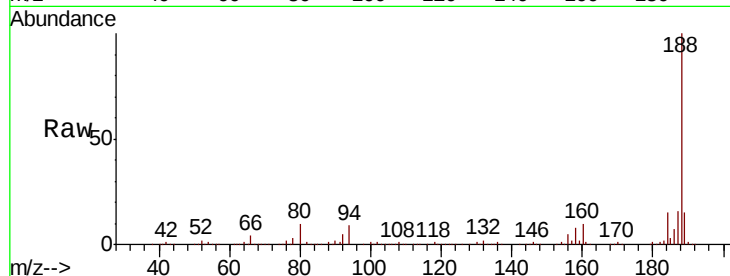




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115967.D
Acq: 3 Aug 2019 00:33

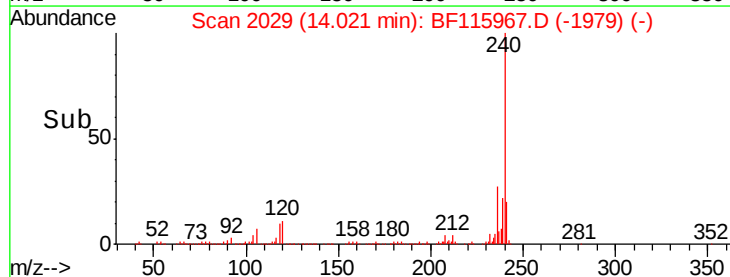
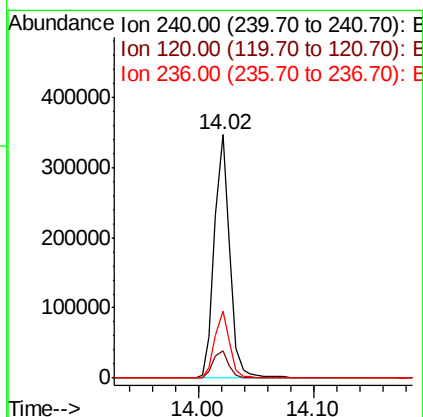
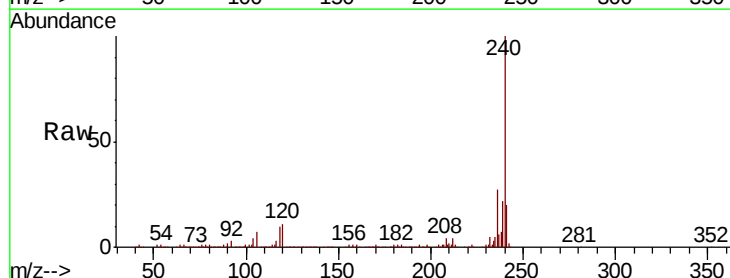
Instrument :
BNA_F
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20190599-SITE-WATER

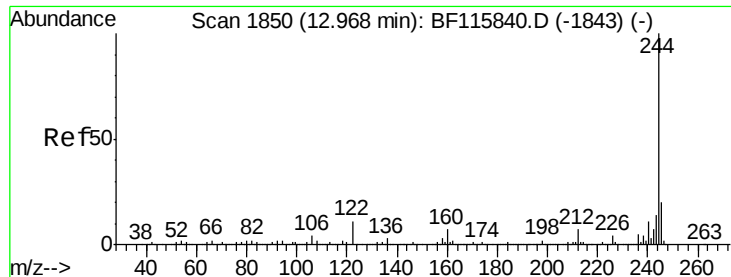
Tot Ion:188 Resp: 468347
Ion Ratio Lower Upper
188 100
94 9.3 8.0 12.0
80 9.9 8.6 12.8



#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

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

Instrument :

BNA_F

ClientSampleId :

20190599-SITE-WATER

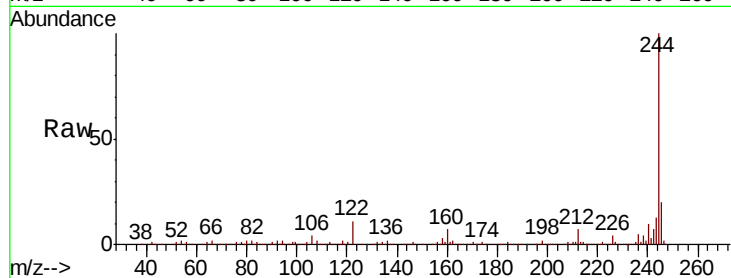
Tot Ion:244 Resp: 1413041

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

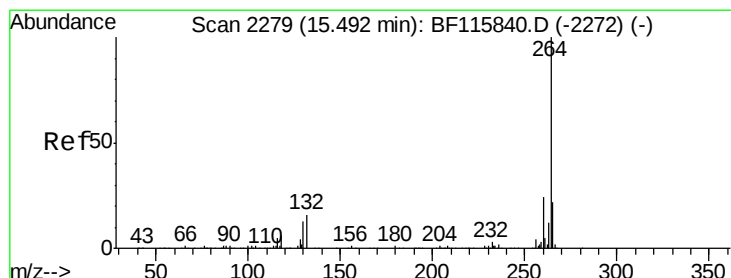
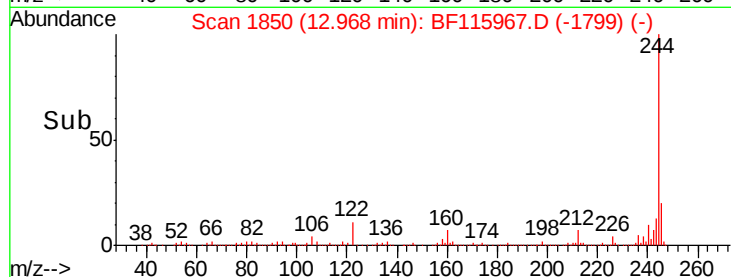
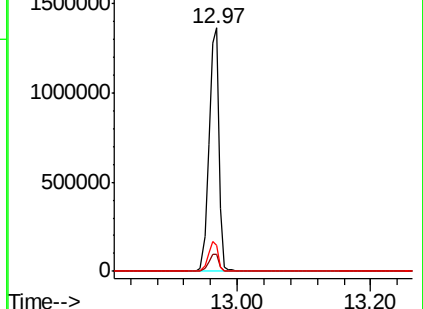
122 10.6 8.6 13.0



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: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF115967.D

Acq: 3 Aug 2019 00:33

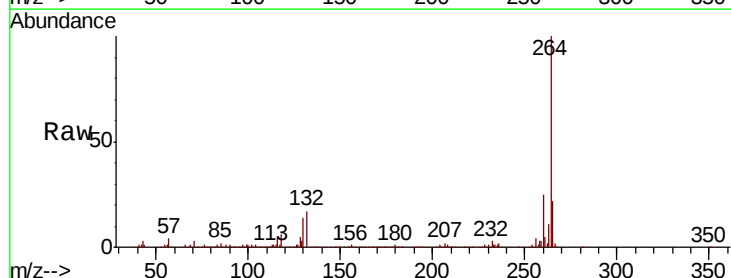
Tgt Ion:264 Resp: 367487

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 21.6 17.5 26.3



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

