

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114732.D
 Acq On : 1 Jun 2019 2:47
 Operator : HP/JU
 Sample : K3104-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIT-WATER

Quant Time: Jun 01 03:46:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

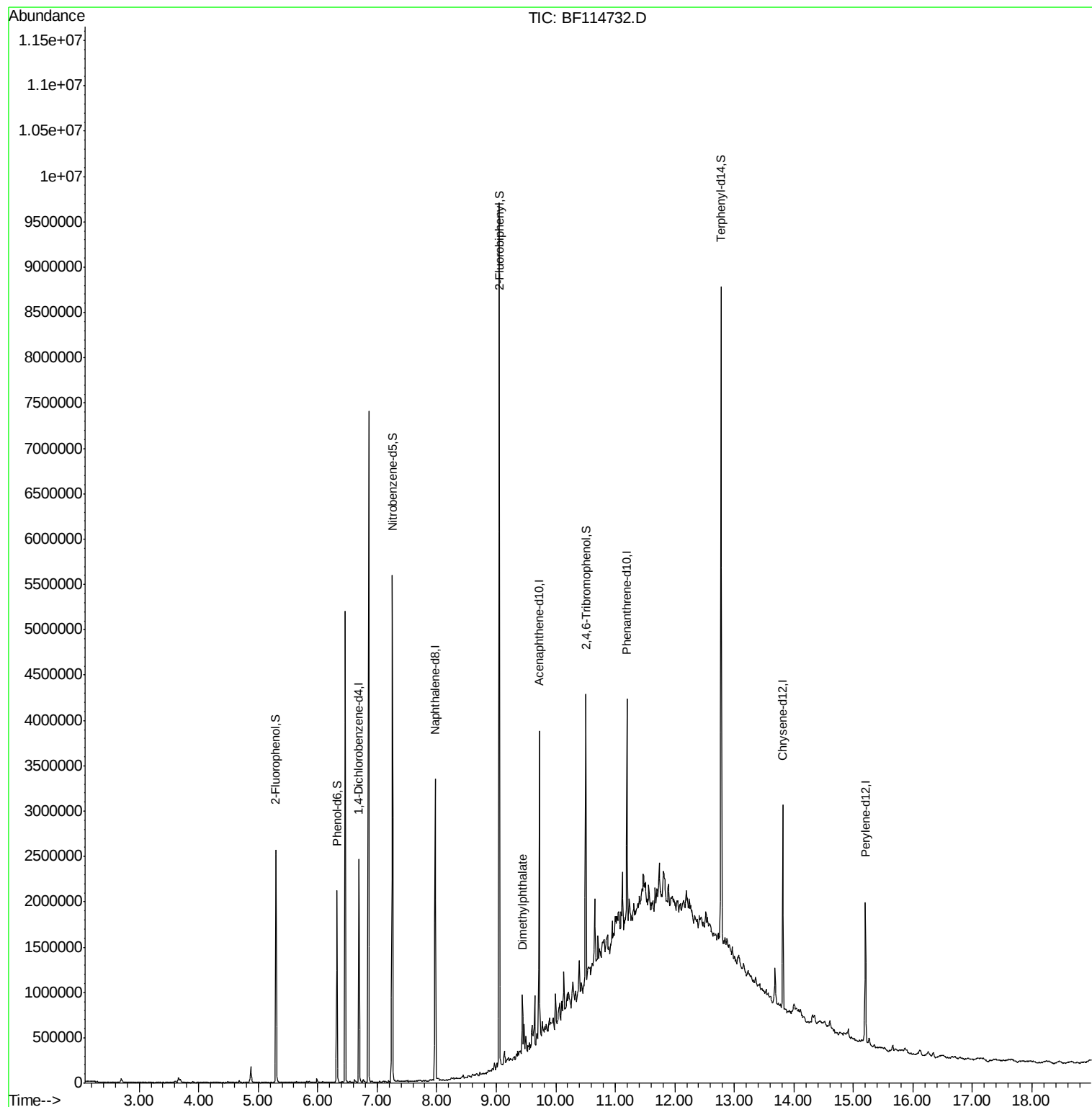
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	393592	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1413849	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	617485	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	978751	20.00	ng	0.00
76) Chrysene-d12	13.82	240	716675	20.00	ng	0.00
87) Perylene-d12	15.20	264	665449	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	792654	35.36	ng	0.01
7) Phenol-d6	6.32	99	627501	23.23	ng	0.00
23) Nitrobenzene-d5	7.26	82	1934575	85.37	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	414486	70.45	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3197527	100.12	ng	0.00
79) Terphenyl-d14	12.78	244	2705848	70.99	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.44	163	125912	2.926	ng	Qvalue # 96

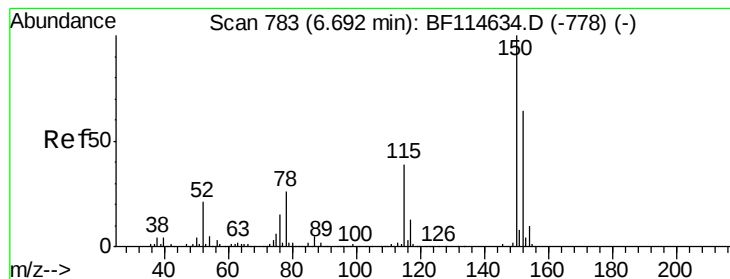
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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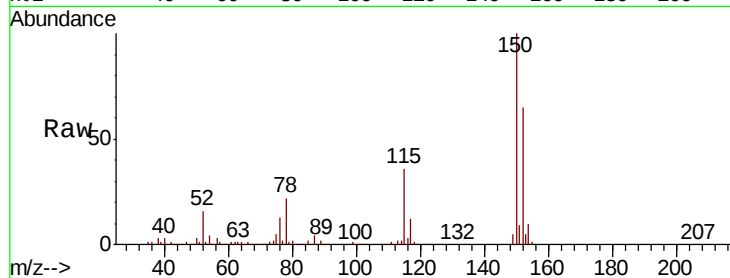


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114732.D
Acq: 1 Jun 2019 2:47

Instrument :
BNA_F
ClientSampleId :
PIT-WATER

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.4	186.6
115	55.7	48.7	73.1

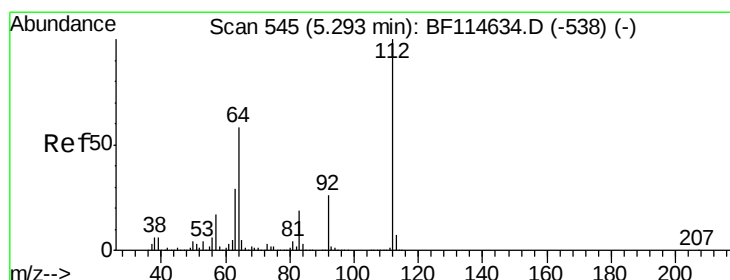
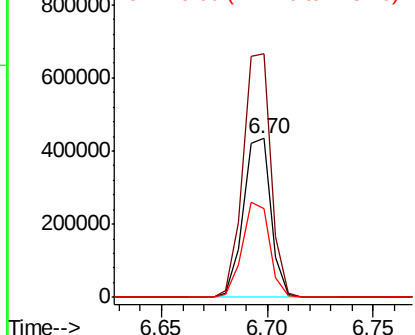
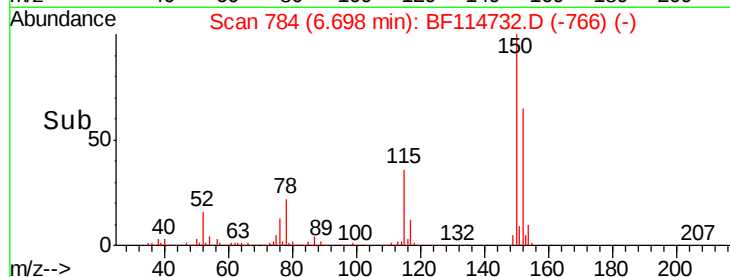


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

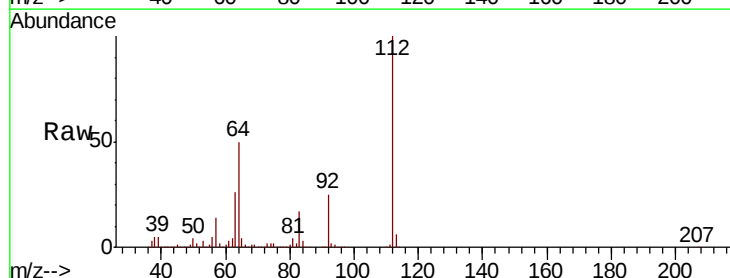
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 35.358 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114732.D
Acq: 1 Jun 2019 2:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.3	46.1	69.1
63	25.6	23.4	35.2

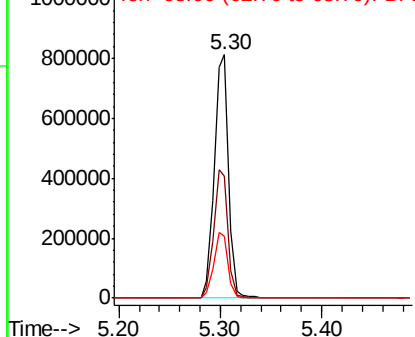
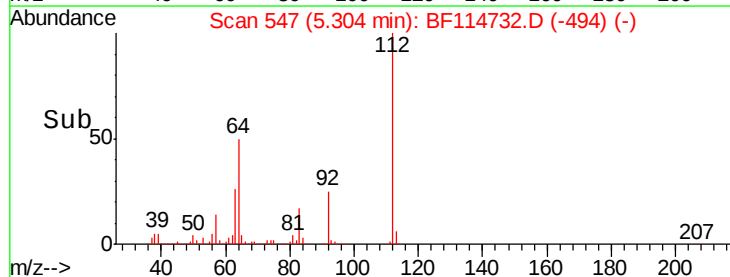


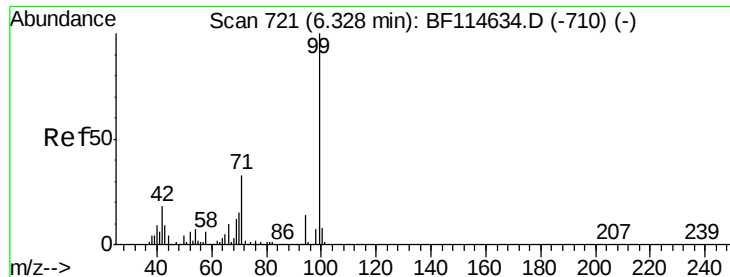
Abundance

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: 23.228 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF114732.D

Acq: 1 Jun 2019 2:47

Instrument :

BNA_F

ClientSampleId :

PIT-WATER

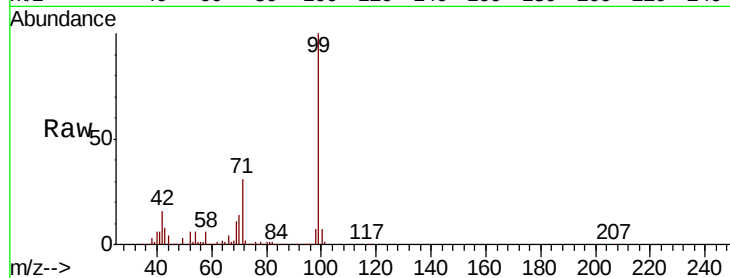
Tot Ion: 99 Resp: 627501

Ion Ratio Lower Upper

99 100

42 15.8 14.7 22.1

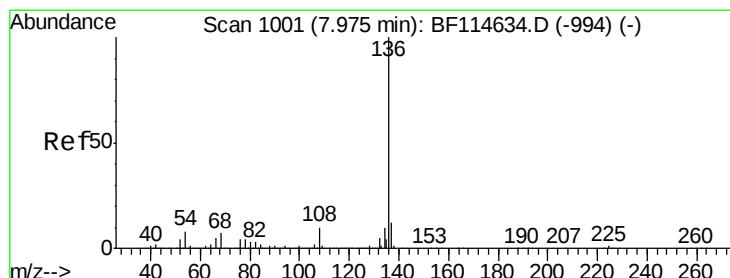
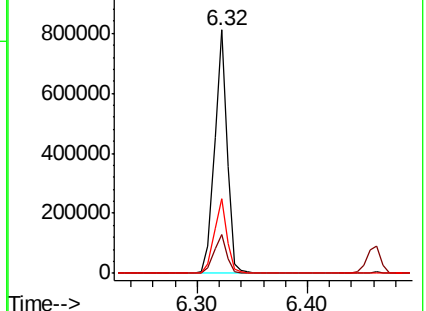
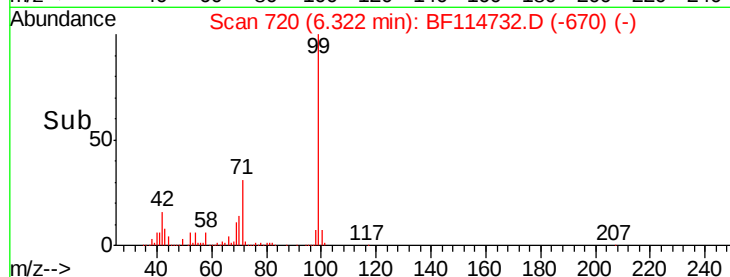
71 30.9 26.6 40.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF114732.D

Acq: 1 Jun 2019 2:47

Tgt Ion:136 Resp: 1413849

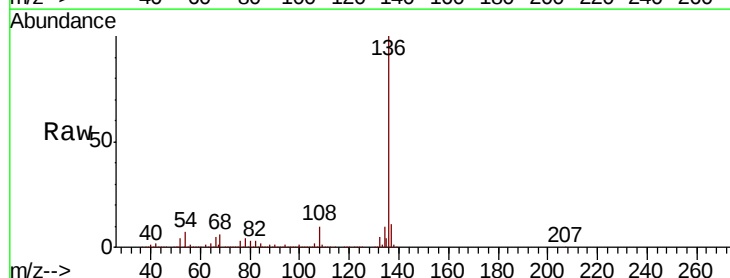
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 7.1 6.3 9.5

68 5.9 5.4 8.0

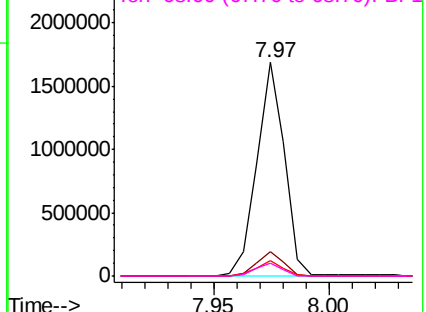
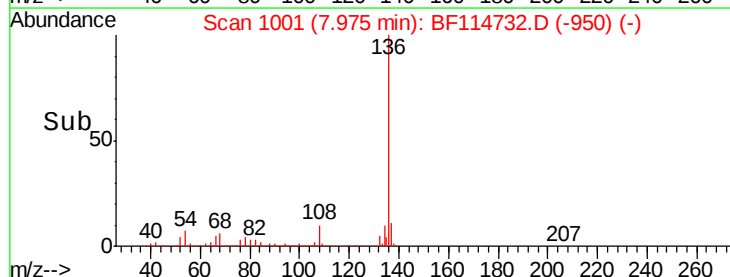


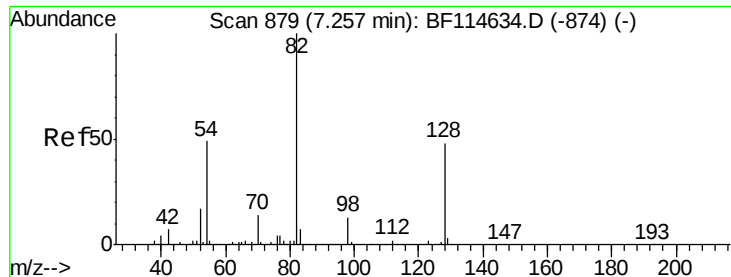
Abundance Ion 136.00 (135.70 to 136.70): E

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

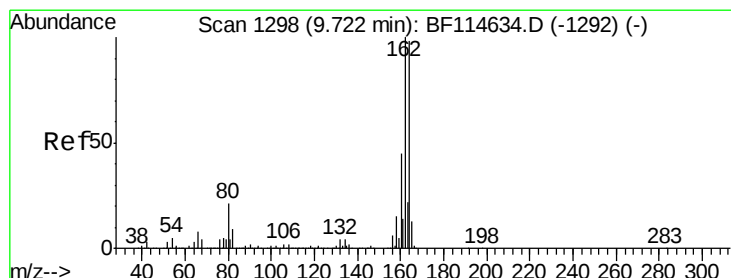
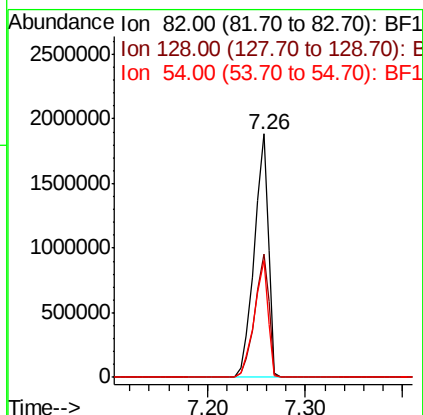
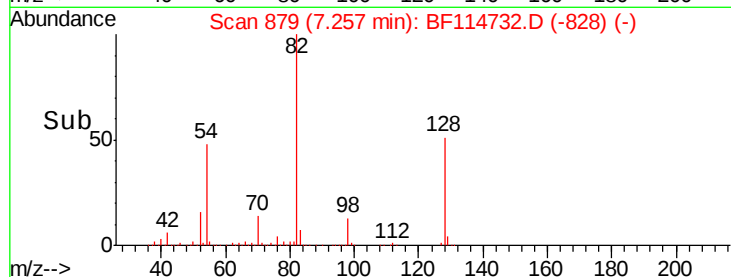
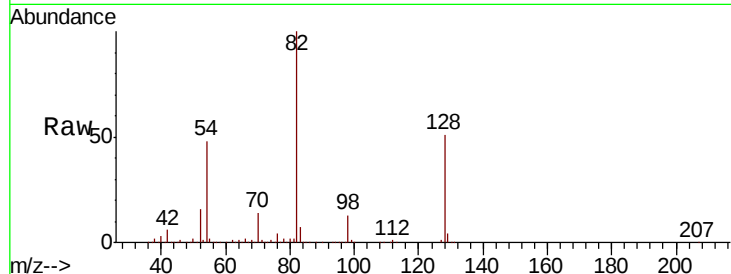




#23
Nitrobenzene-d5
Concen: 85.367 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF114732.D
Acq: 1 Jun 2019 2:47

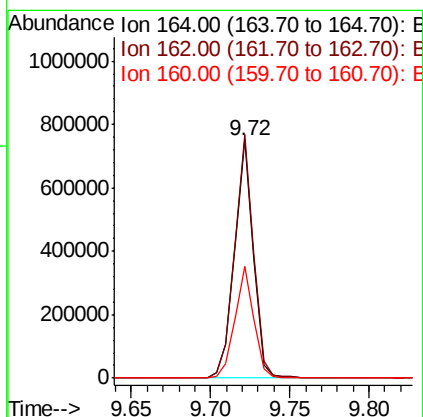
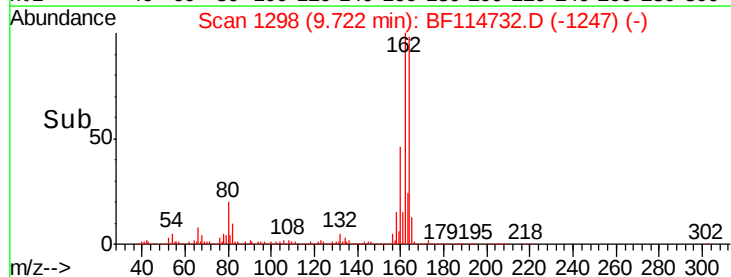
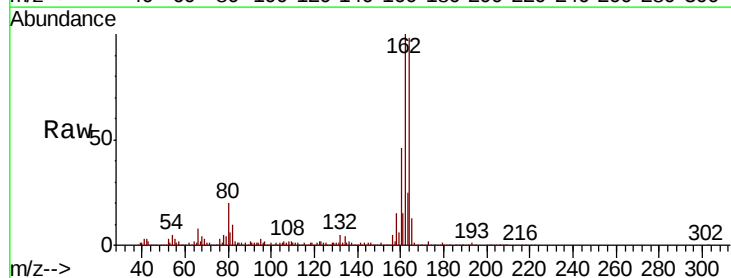
Instrument :
BNA_F
ClientSampleId :
PIT-WATER

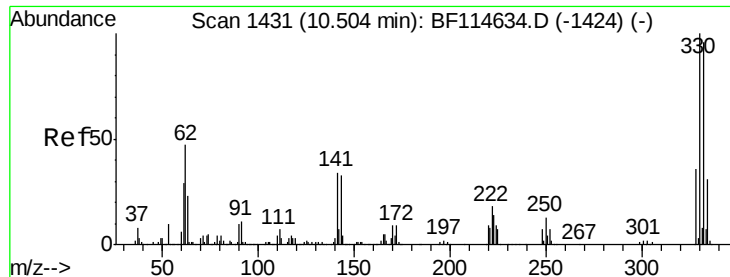
Tot Ion: 82 Resp: 1934575
Ion Ratio Lower Upper
82 100
128 50.9 38.5 57.7
54 47.8 39.1 58.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114732.D
Acq: 1 Jun 2019 2:47

Tgt Ion:164 Resp: 617485
Ion Ratio Lower Upper
164 100
162 102.2 81.4 122.2
160 47.1 36.6 54.8

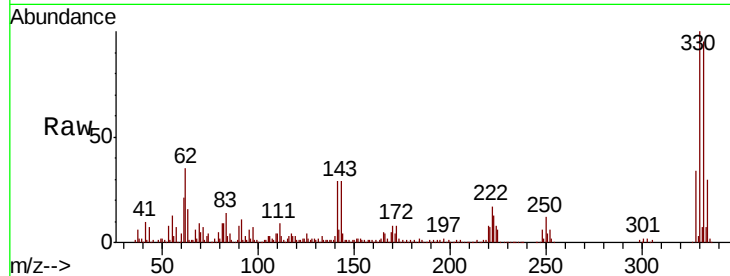




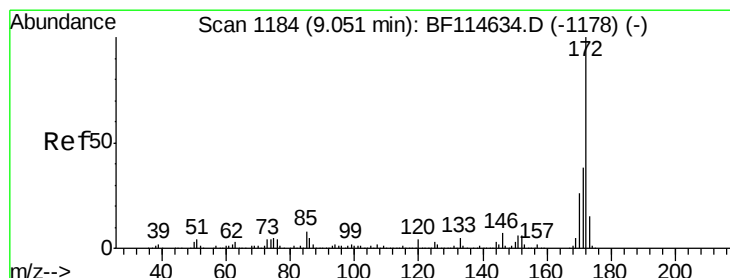
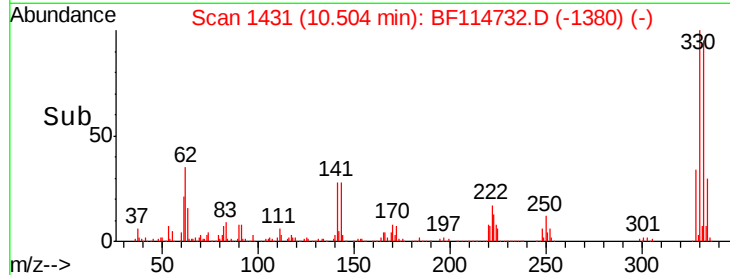
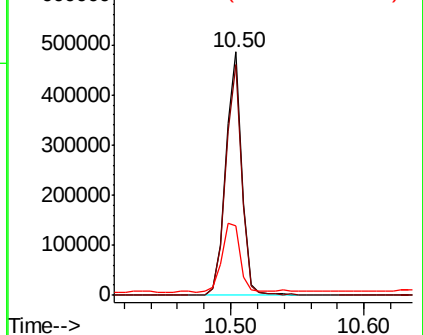
#42
 2,4,6-Tribromophenol
 Concen: 70.447 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF114732.D
 Acq: 1 Jun 2019 2:47

Instrument :
 BNA_F
 ClientSampleId :
 PIT-WATER

Tot Ion:330 Resp: 414486
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.8 113.8
 141 33.5 27.8 41.8

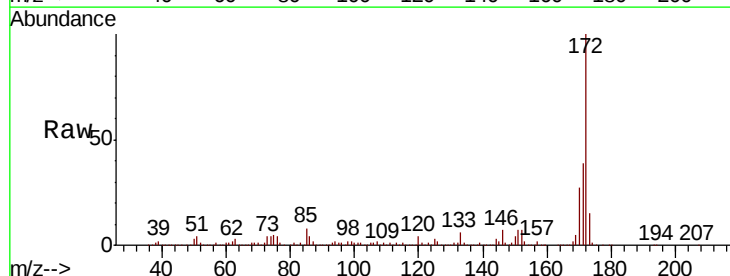


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

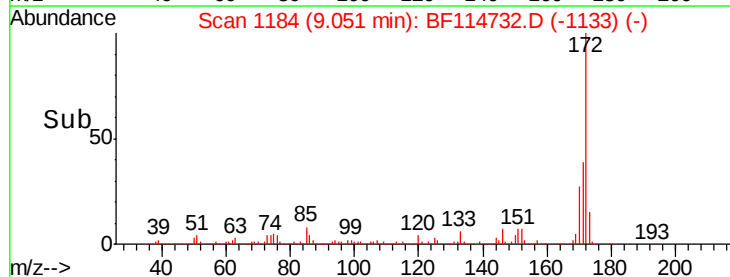
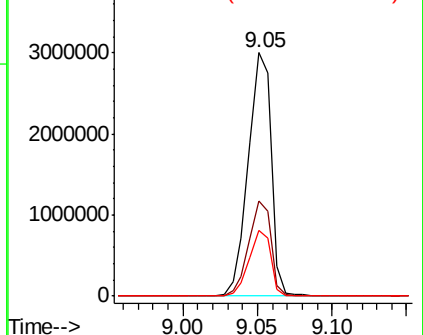


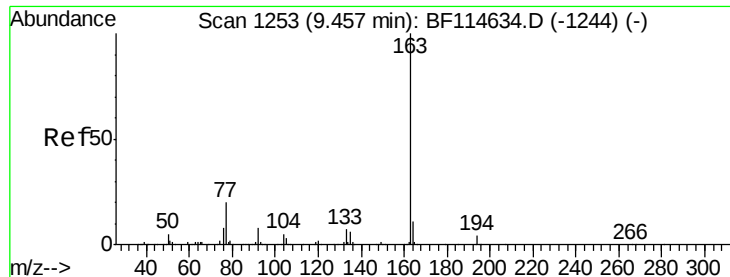
#45
 2-Fluorobiphenyl
 Concen: 100.120 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF114732.D
 Acq: 1 Jun 2019 2:47

Tgt Ion:172 Resp: 3197527
 Ion Ratio Lower Upper
 172 100
 171 39.0 30.6 45.8
 170 27.0 20.7 31.1



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: 2.926 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114732.D

Acq: 1 Jun 2019 2:47

Instrument :

BNA_F

ClientSampleId :

PIT-WATER

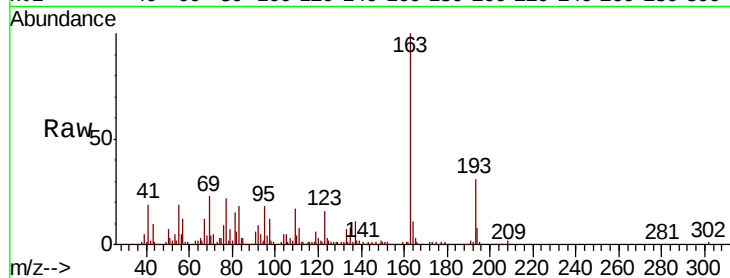
Tot Ion:163 Resp: 125912

Ion Ratio Lower Upper

163 100

194 8.2 3.4 5.0#

164 10.6 8.6 13.0

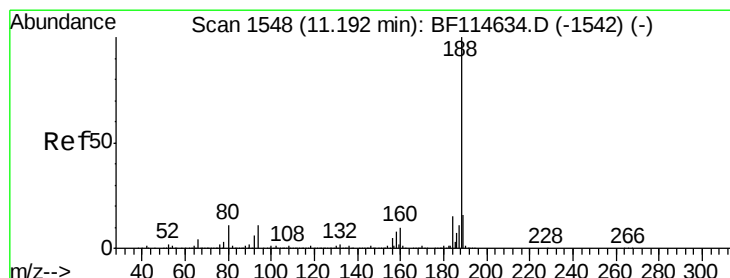
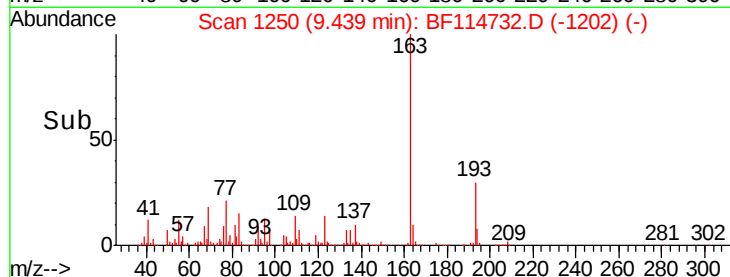
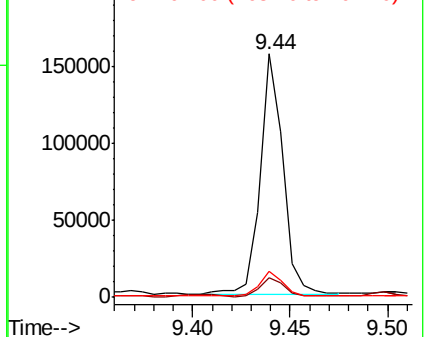


Abundance

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: 11.20 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BF114732.D

Acq: 1 Jun 2019 2:47

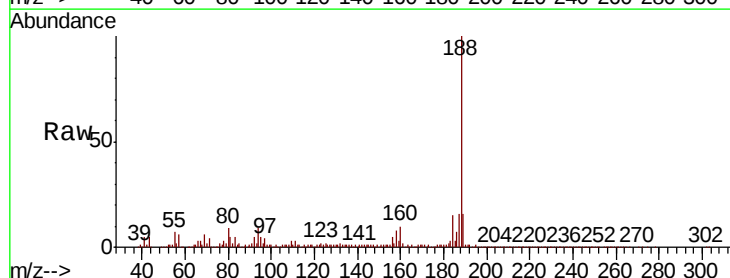
Tgt Ion:188 Resp: 978751

Ion Ratio Lower Upper

188 100

94 9.1 8.6 13.0

80 9.3 9.0 13.6

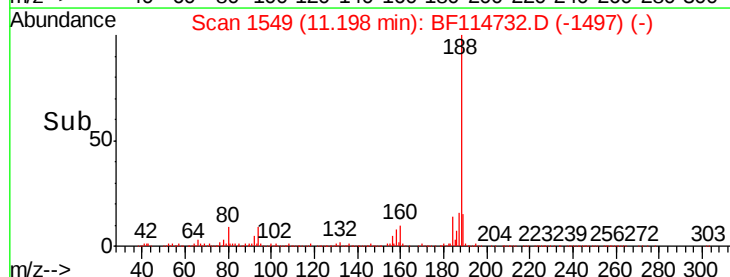
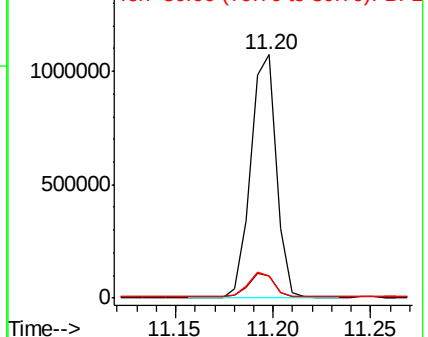


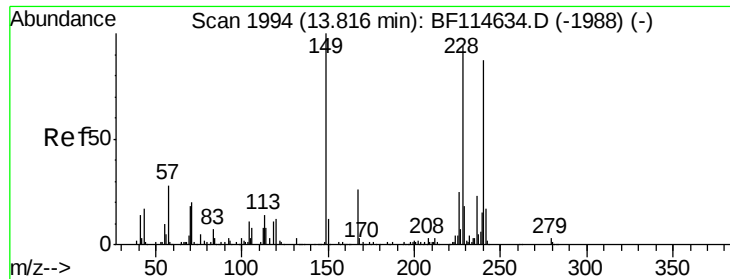
Abundance

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

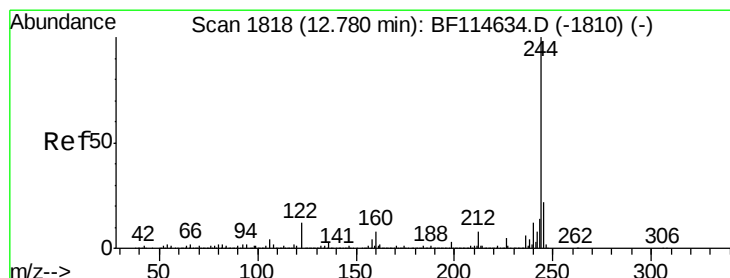
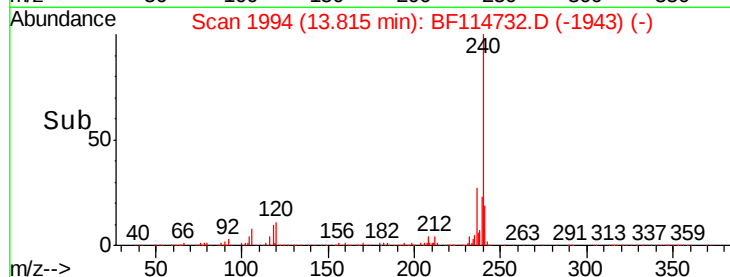
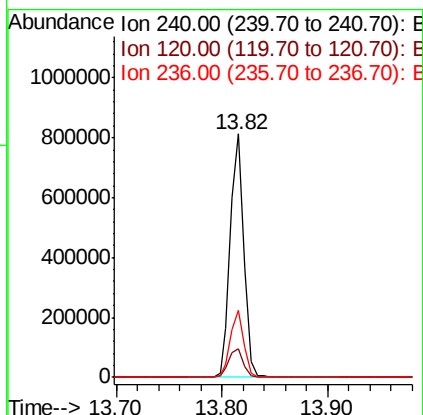
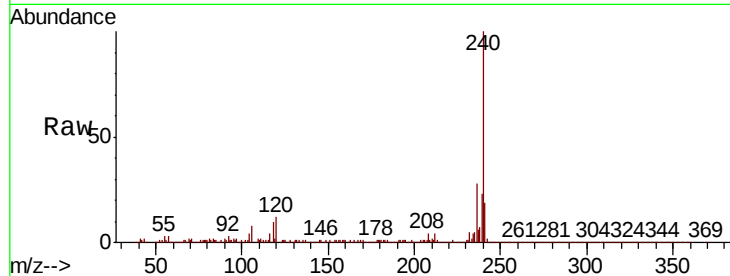




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114732.D
Acq: 1 Jun 2019 2:47

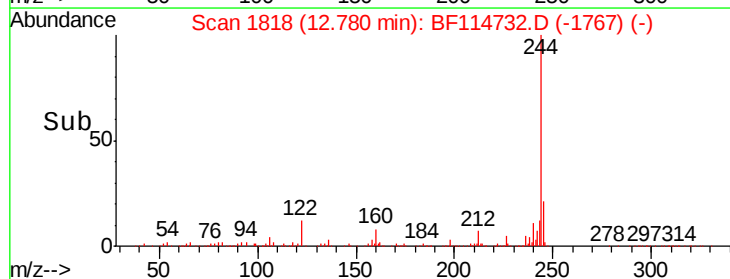
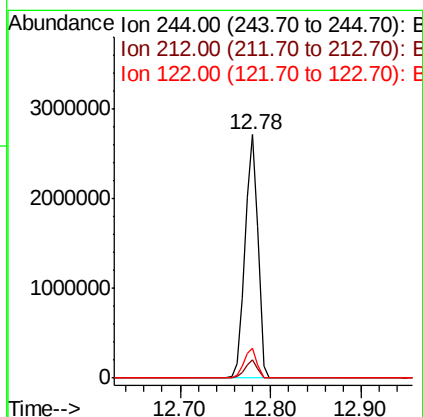
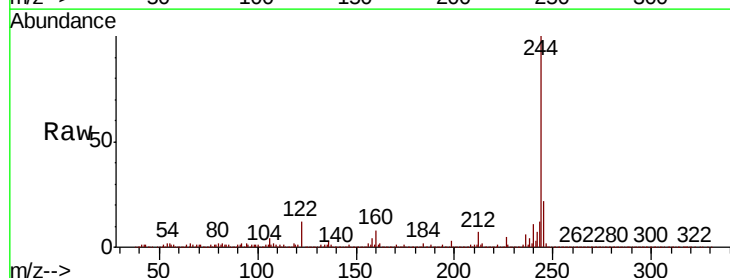
Instrument :
BNA_F
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PIT-WATER

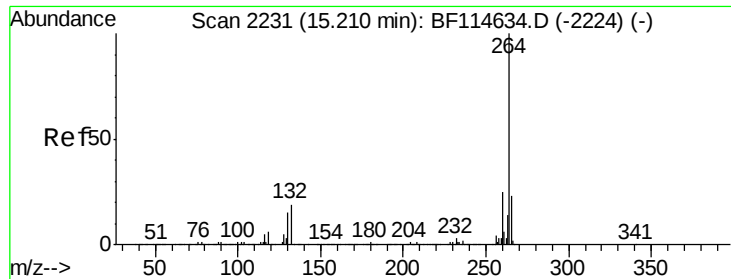
Tot Ion:240 Resp: 716675
Ion Ratio Lower Upper
240 100
120 11.5 11.2 16.8
236 27.5 21.2 31.8



#79
Terphenyl-d14
Concen: 70.986 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF114732.D
Acq: 1 Jun 2019 2:47

Tgt Ion:244 Resp: 2705848
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 12.3 9.8 14.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF114732.D
Acq: 1 Jun 2019 2:47

Instrument :
BNA_F
ClientSampleId :
PIT-WATER

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.1	19.7	29.5	
265	21.1	18.1	27.1	

