

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 03:21:13 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

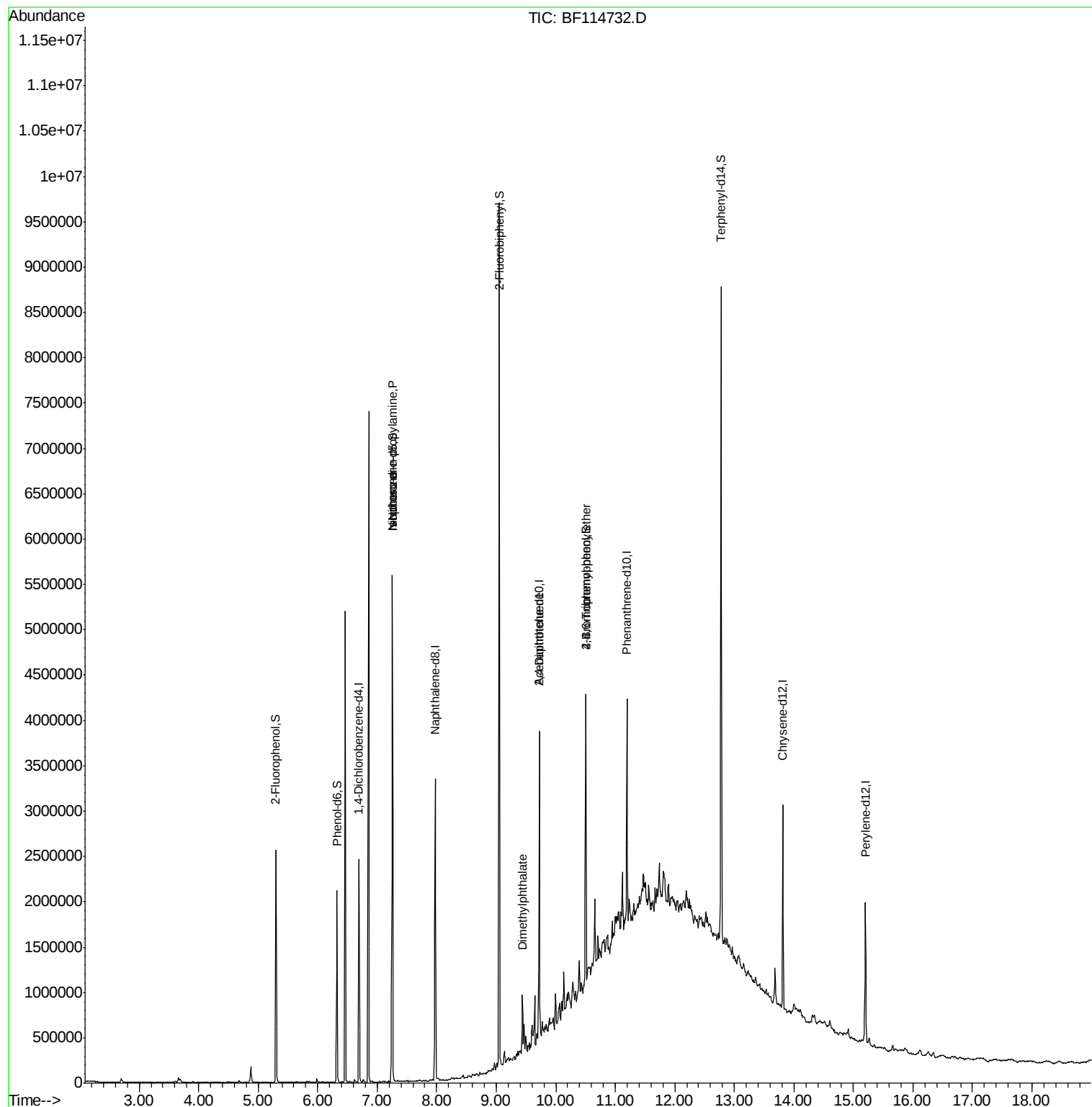
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	393592	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1413849	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	617485	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	978751	20.00	ng	0.00
76) Chrysene-d12	13.82	240	716675	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						
9) Benzaldehyde	6.32	77	1145	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	262285	14.066 ng	#	76
25) Isophorone	7.26	82	1895408	41.676 ng	#	63
50) Dimethylphthalate	9.44	163	125912	2.926 ng	#	96
57) 2,4-Dinitrotoluene	9.72	165	85333	6.650 ng	#	24
58) Fluorene	10.26	166	3745	Below Cal	#	26
61) 4-Chlorophenyl-phenylether	10.25	204	293	Below Cal	#	1
67) 4-Bromophenyl-phenylether	10.50	248	25939	2.471 ng	#	1
74) Di-n-butylphthalate	11.75	149	14828	Below Cal	#	29

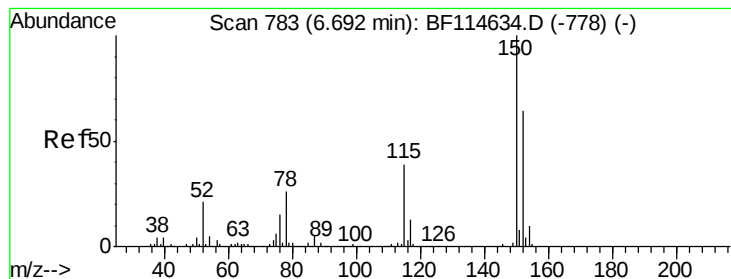
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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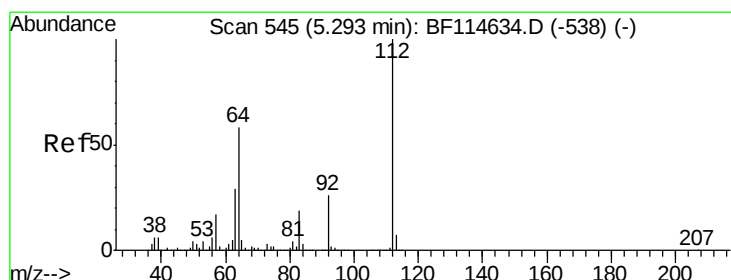
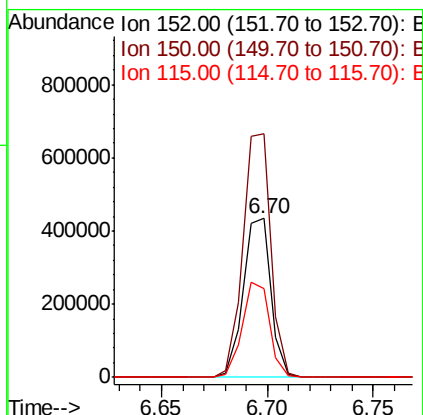
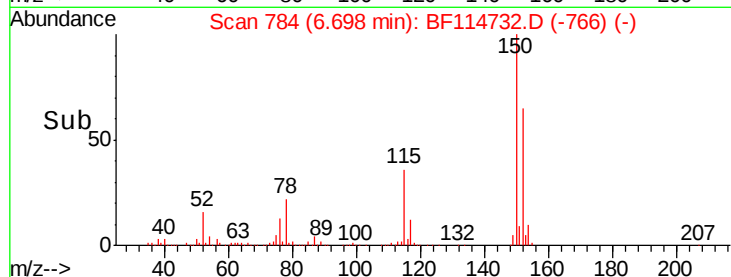
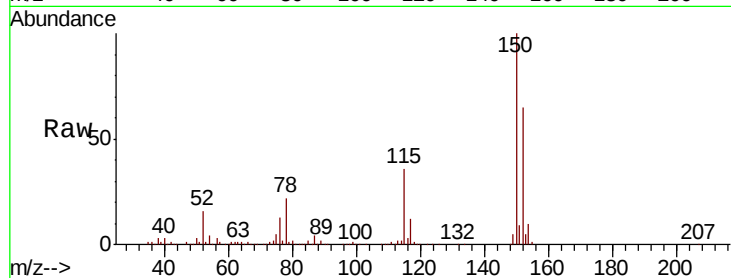


#1

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

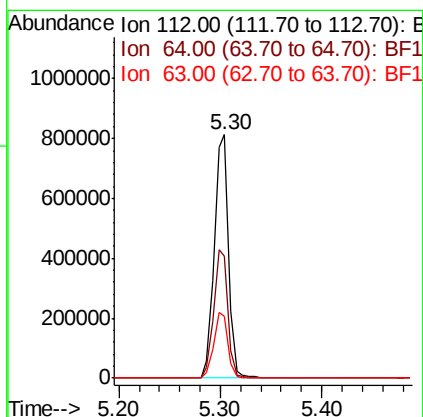
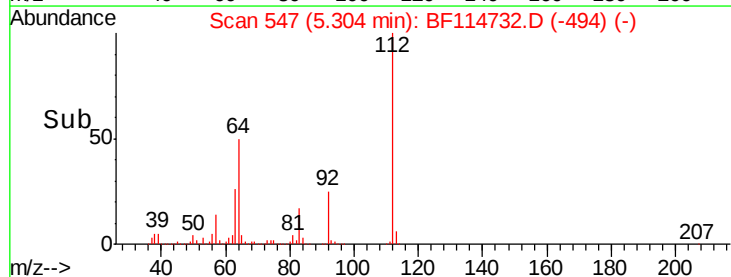
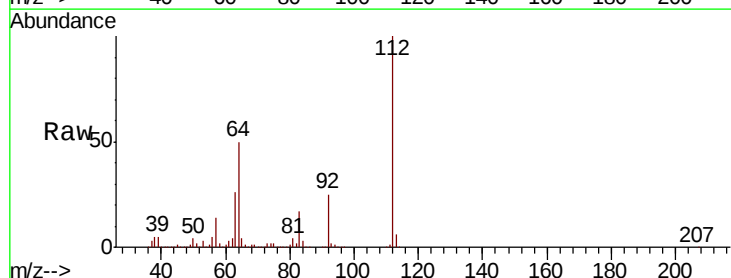
Tgt Ion:152 Resp: 393592
Ion Ratio Lower Upper
152 100
150 153.6 124.4 186.6
115 55.7 48.7 73.1

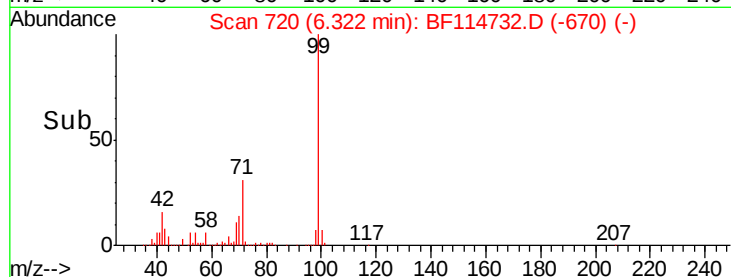
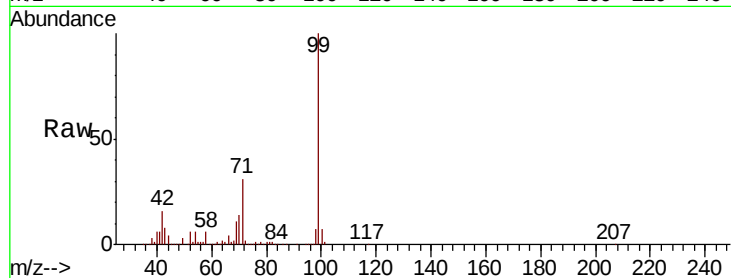
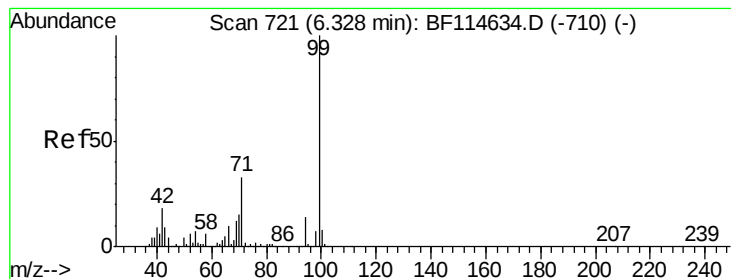


#5

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:112 Resp: 792654
Ion Ratio Lower Upper
112 100
64 50.3 46.1 69.1
63 25.6 23.4 35.2





#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

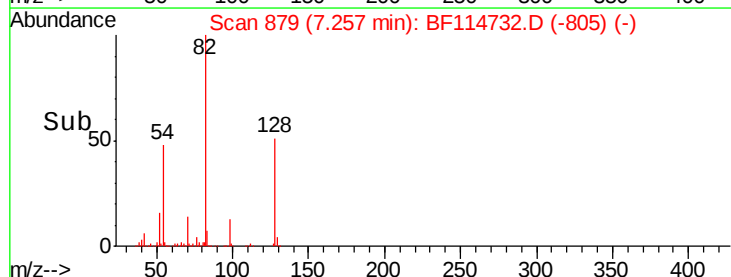
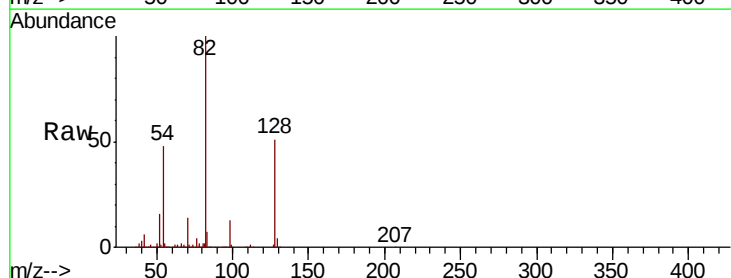
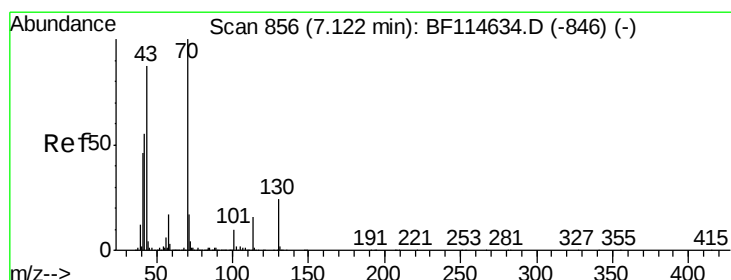
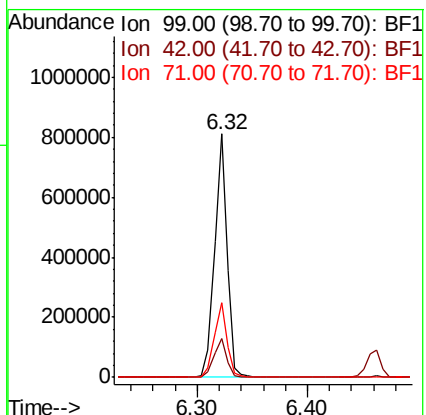
Tgt Ion: 99 Resp: 627501

Ion Ratio Lower Upper

99 100

42 15.8 14.7 22.1

71 30.9 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.066 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF114732.D

Acq: 1 Jun 2019 2:47

Tgt Ion: 70 Resp: 262285

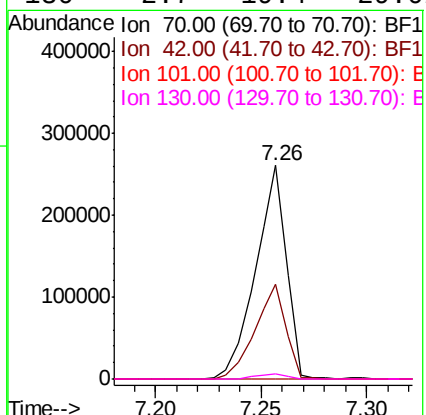
Ion Ratio Lower Upper

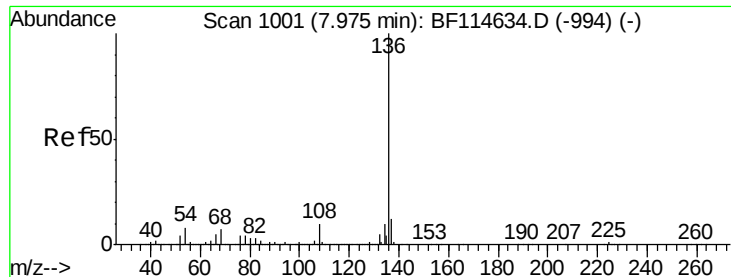
70 100

42 44.5 44.4 66.6

101 0.0 8.2 12.4#

130 2.7 19.4 29.0#

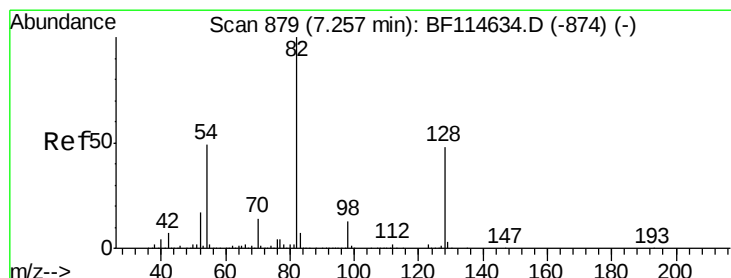
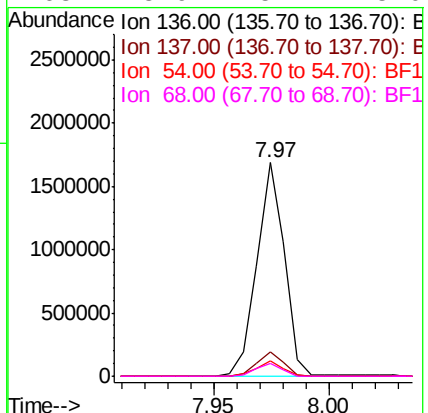
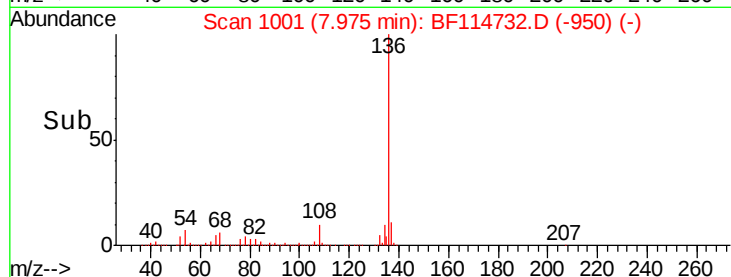
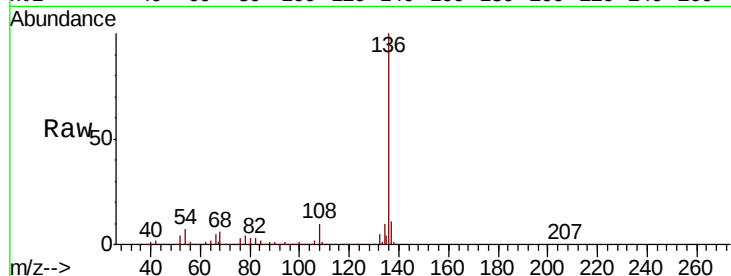




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114732.D
Acq: 1 Jun 2019 2:47

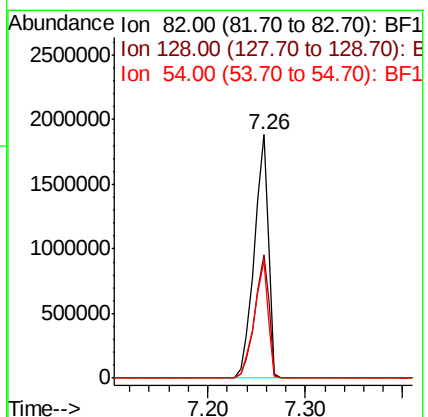
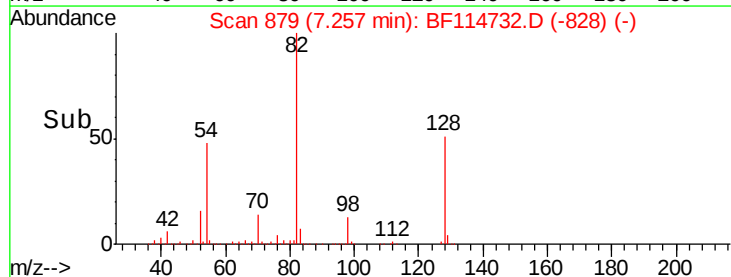
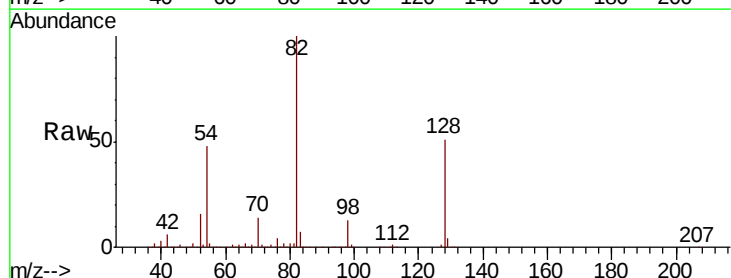
Instrument :
BNA_F
ClientSampleId :
PIT-WATER

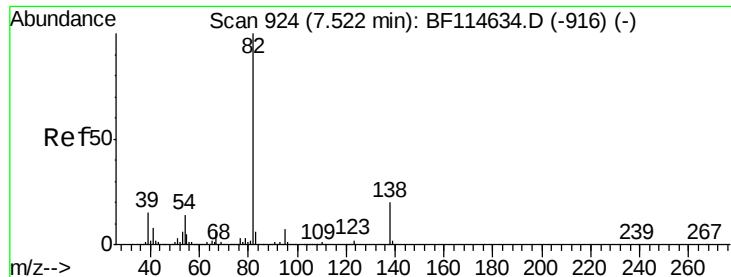
Tgt Ion:136 Resp: 1413849
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 7.1 6.3 9.5
68 5.9 5.4 8.0



#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

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





#25

Isophorone

Concen: 41.676 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF114732.D

Acq: 1 Jun 2019 2:47

Instrument :

BNA_F

ClientSampleId :

PIT-WATER

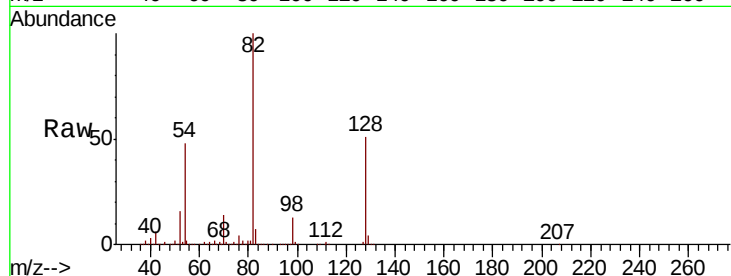
Tgt Ion: 82 Resp: 1895408

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

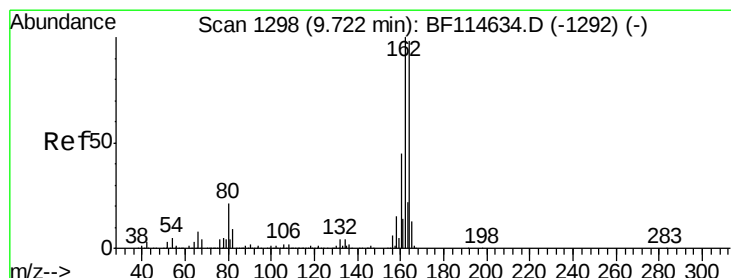
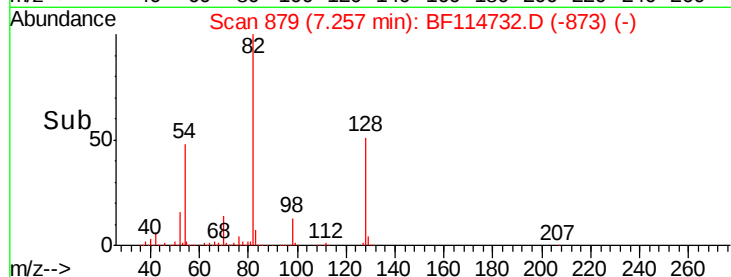
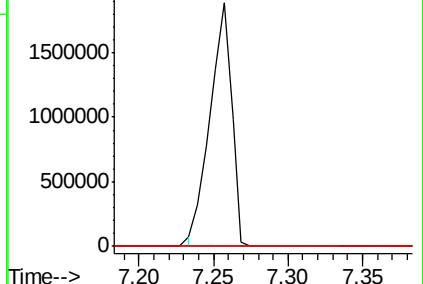
138 0.0 15.9 23.9#



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: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF114732.D

Acq: 1 Jun 2019 2:47

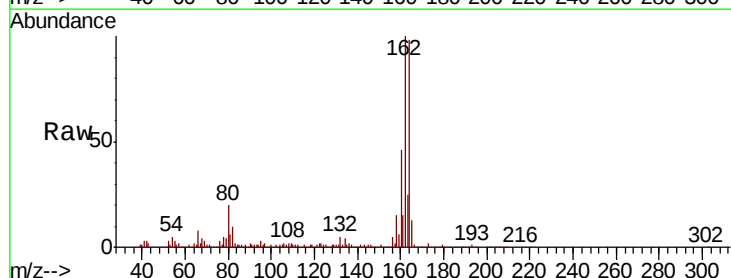
Tgt Ion: 164 Resp: 617485

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.2

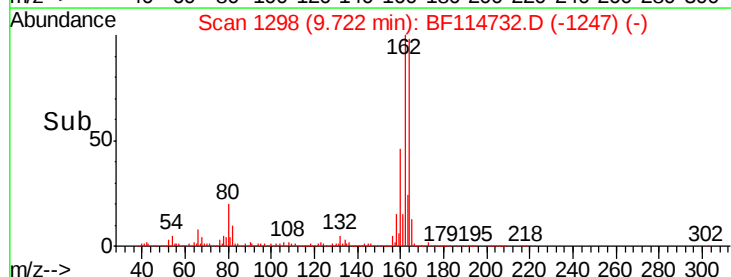
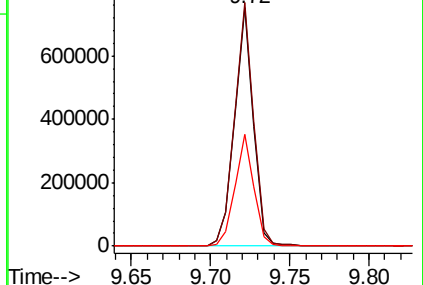
160 47.1 36.6 54.8

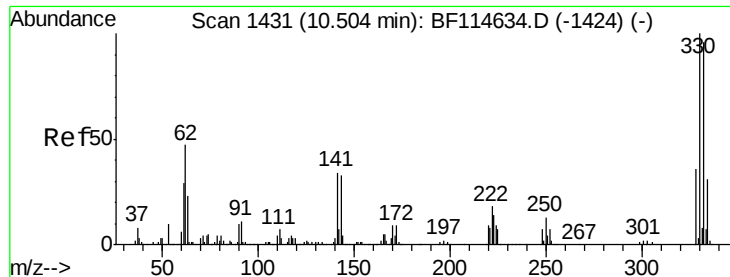


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

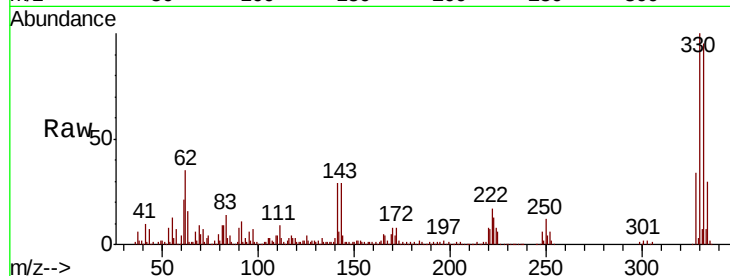




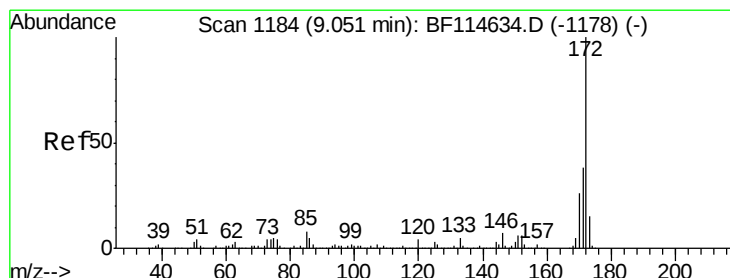
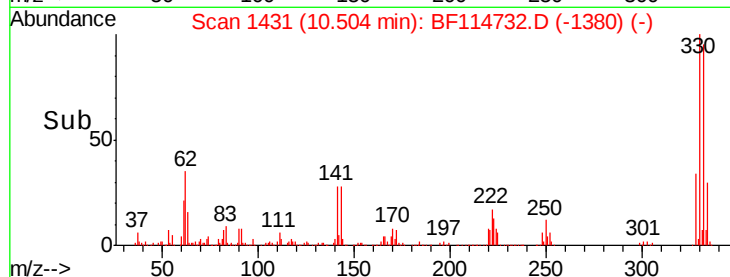
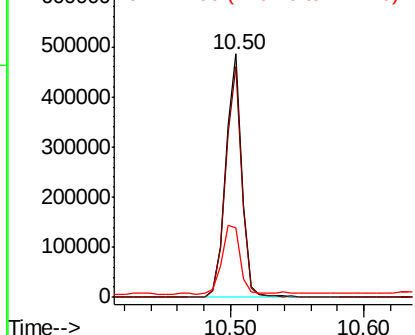
#42
 2,4,6-Tribromophenol
 Concen: 70.447 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF114732.D
 Acq: 1 Jun 2019 2:47

Instrument :
 BNA_F
 ClientSampleId :
 PIT-WATER

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

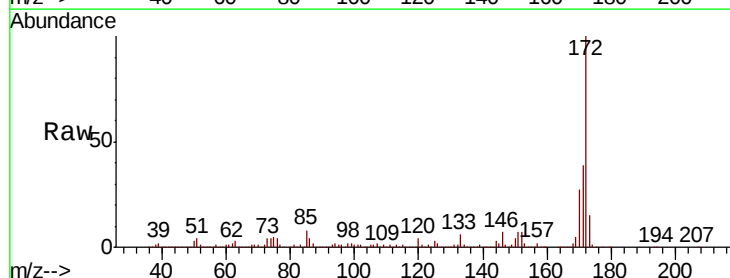


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

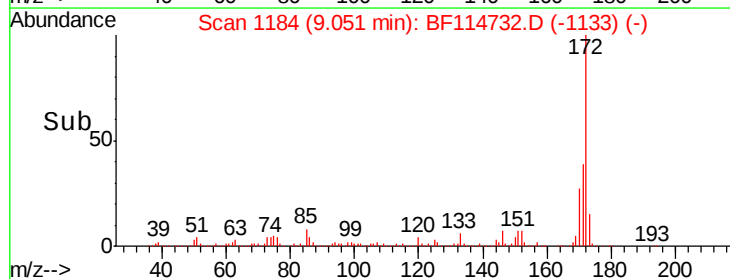
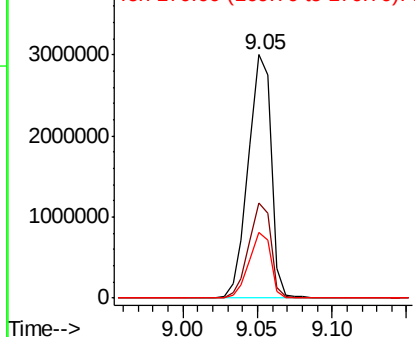


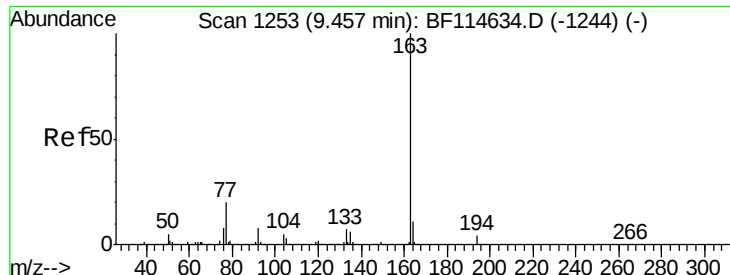
#45
 2-Fluorobiphenyl
 Concen: 100.120 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF114732.D
 Acq: 1 Jun 2019 2:47

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

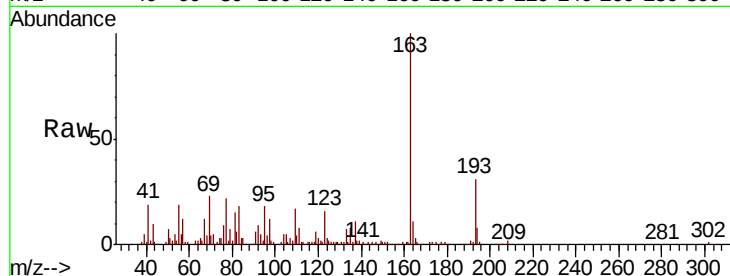
Tgt Ion:163 Resp: 125912

Ion Ratio Lower Upper

163 100

194 8.2 3.4 5.0#

164 10.6 8.6 13.0

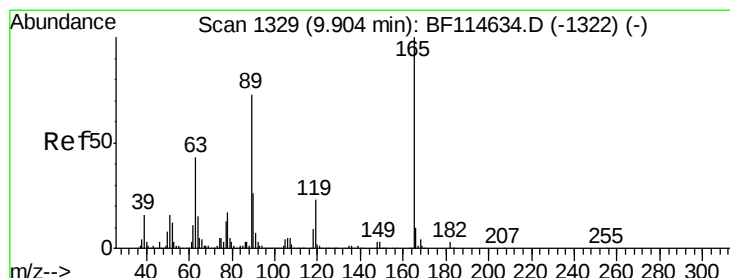
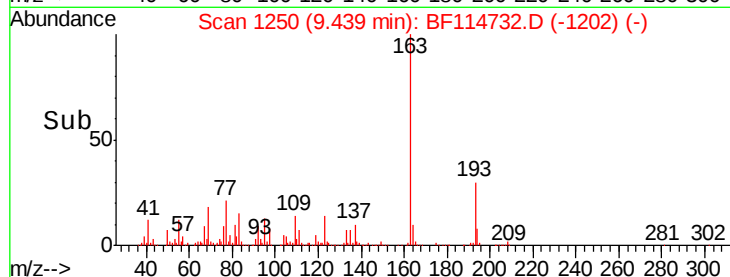
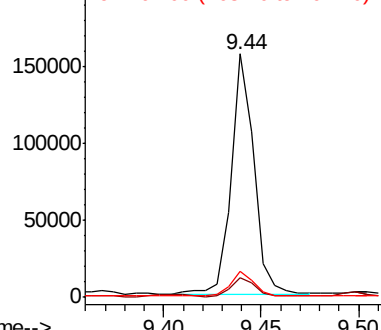


Abundance

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



#57

2,4-Dinitrotoluene

Concen: 6.650 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.18 min

Lab File: BF114732.D

Acq: 1 Jun 2019 2:47

Tgt Ion:165 Resp: 85333

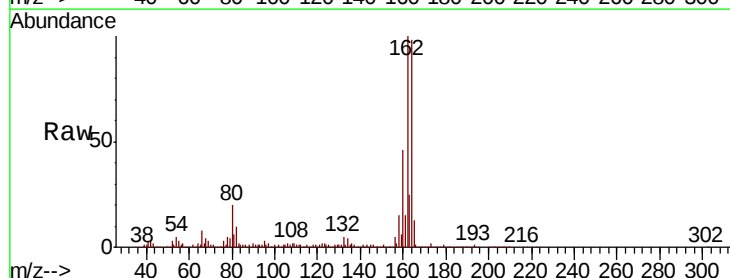
Ion Ratio Lower Upper

165 100

63 2.0 34.8 52.2#

89 2.0 58.5 87.7#

182 0.7 2.2 3.2#



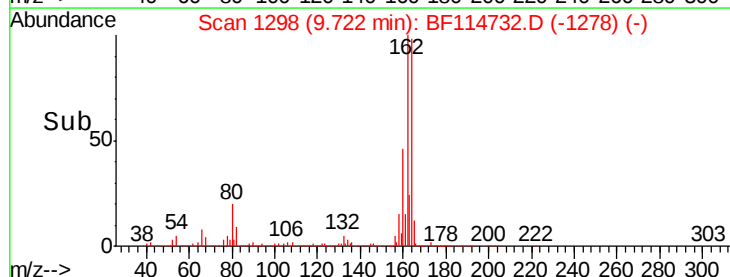
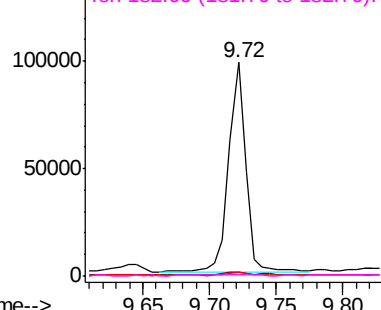
Abundance

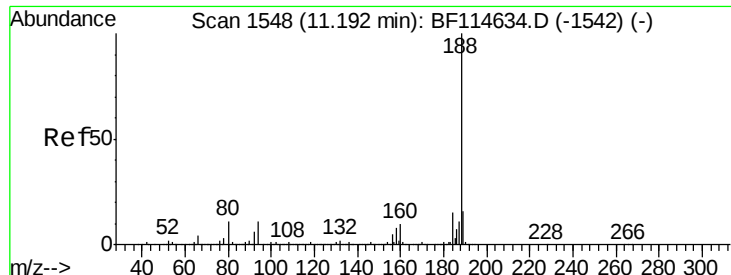
Ion 165.00 (164.70 to 165.70): E

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

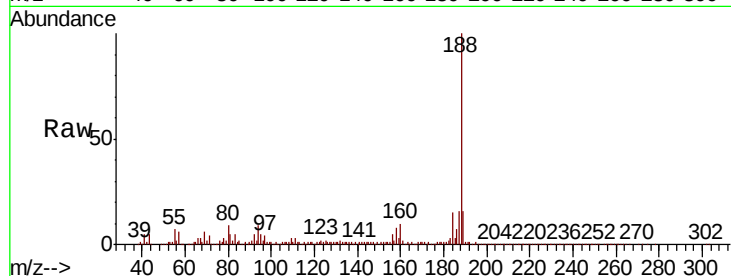




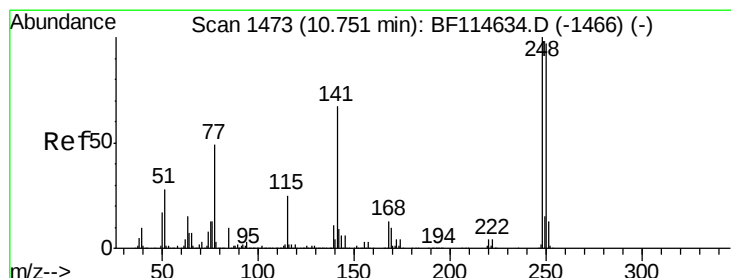
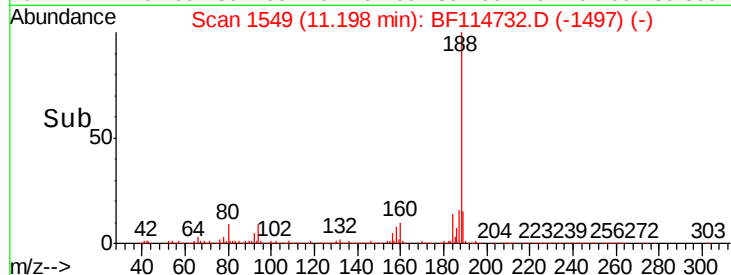
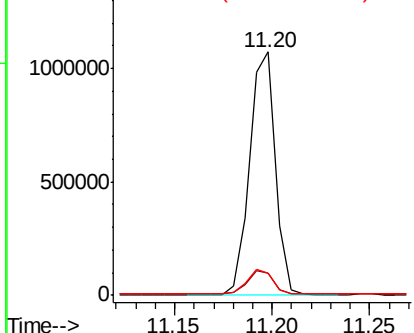
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF114732.D
Acq: 1 Jun 2019 2:47

Instrument :
BNA_F
ClientSampleId :
PIT-WATER

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

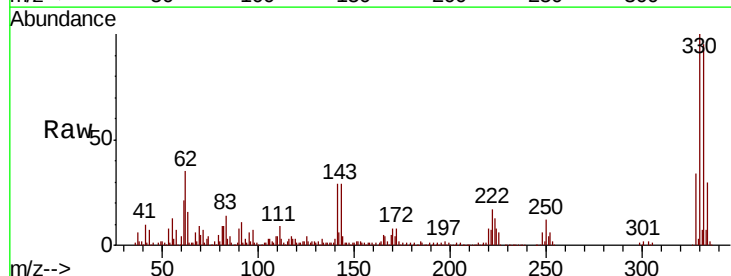


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

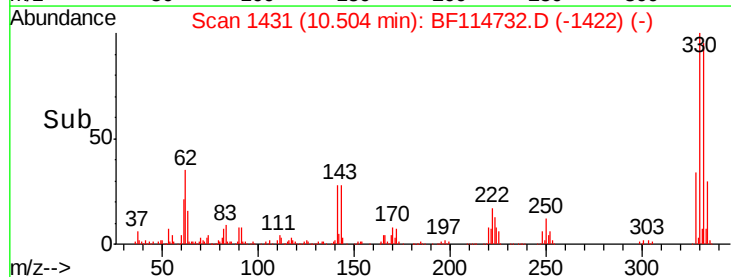
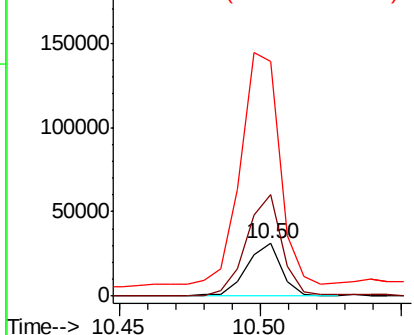


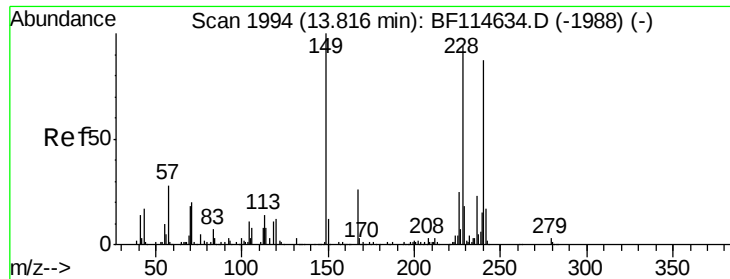
#67
4-Bromophenyl-phenylether
Concen: 2.471 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF114732.D
Acq: 1 Jun 2019 2:47

Tgt Ion:248 Resp: 25939
Ion Ratio Lower Upper
248 100
250 192.6 78.0 117.0#
141 446.4 53.8 80.8#



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

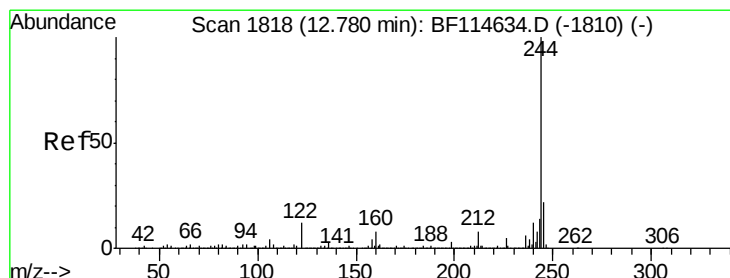
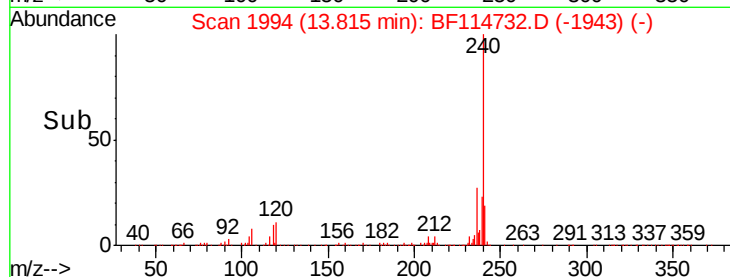
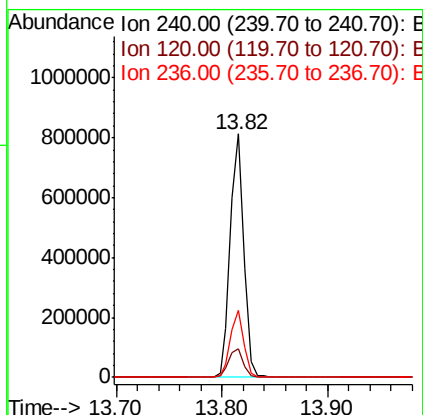
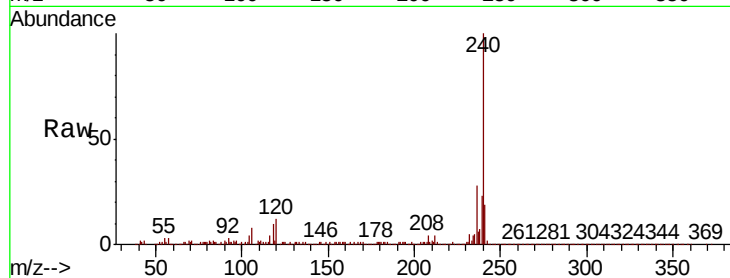




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114732.D
Acq: 1 Jun 2019 2:47

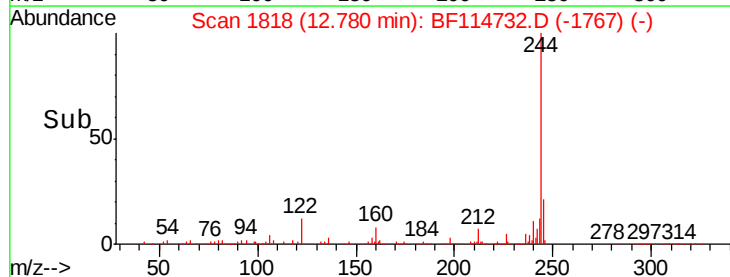
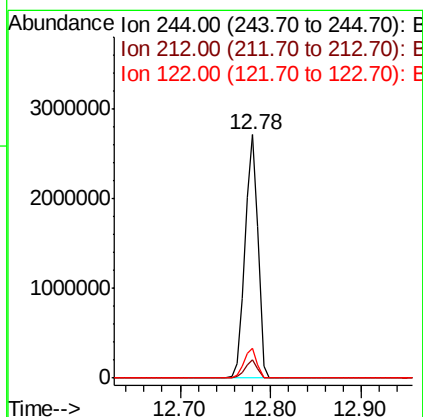
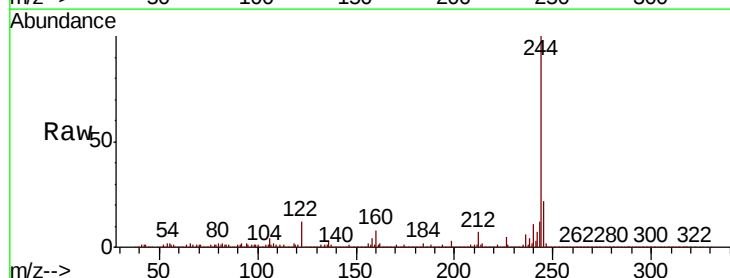
Instrument :
BNA_F
ClientSampleId :
PIT-WATER

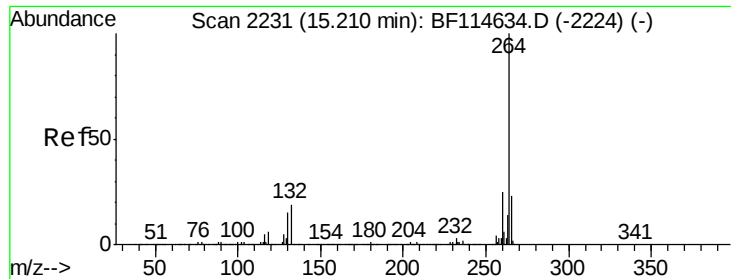
Tgt Ion:240 Resp: 716675
Ion Ratio Lower Upper
240 100
120 11.5 11.2 16.8
236 27.5 21.2 31.8



#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
Perylene-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

Tgt Ion: 264 Resp: 665449
Ion Ratio Lower Upper
264 100
260 24.1 19.7 29.5
265 21.1 18.1 27.1

