

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
 Data File : BF114035.D
 Acq On : 29 Apr 2019 20:46
 Operator : JU/SJ
 Sample : K2578-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-COMP

Quant Time: Apr 30 07:33:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

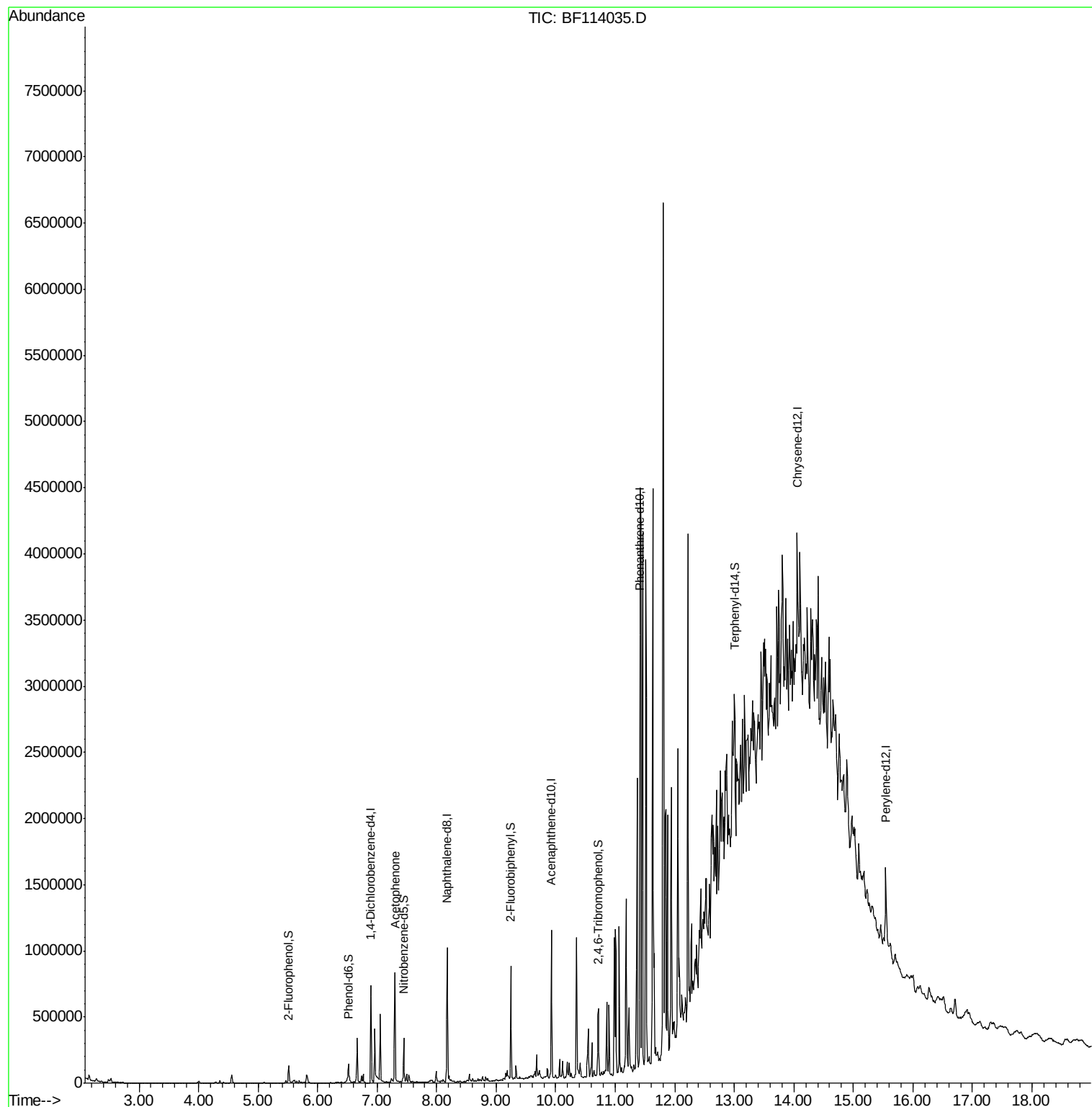
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	116134	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	437034	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	205596	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	340086	20.00	ng	0.00
76) Chrysene-d12	14.06	240	258945	20.00	ng	0.00
87) Perylene-d12	15.54	264	278033	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	45856	6.75	ng	0.00
7) Phenol-d6	6.52	99	40678	4.78	ng	0.00
23) Nitrobenzene-d5	7.45	82	107141	15.14	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	32638	13.03	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	244314	18.59	ng	-0.01
79) Terphenyl-d14	13.00	244	221221	17.51	ng	0.00
Target Compounds						
22) Acetophenone	7.30	105	265824	27.333	ng	Qvalue # 95

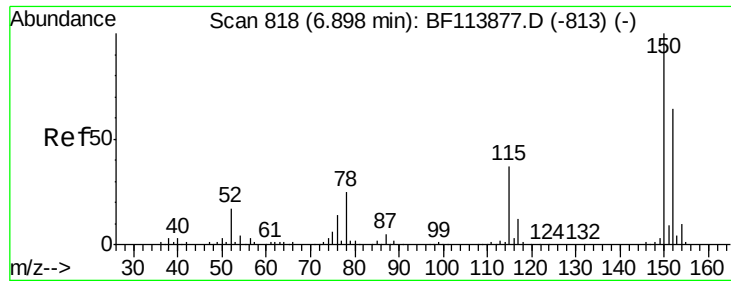
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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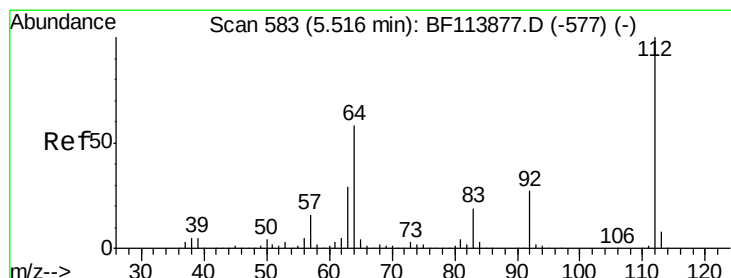
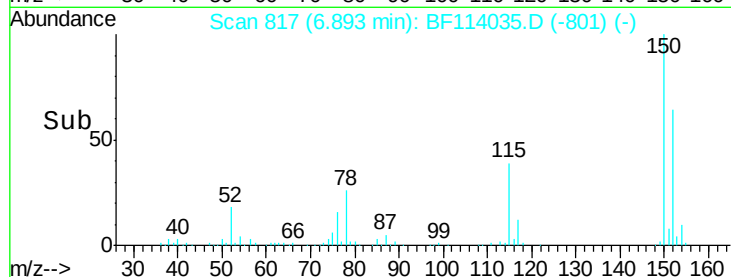
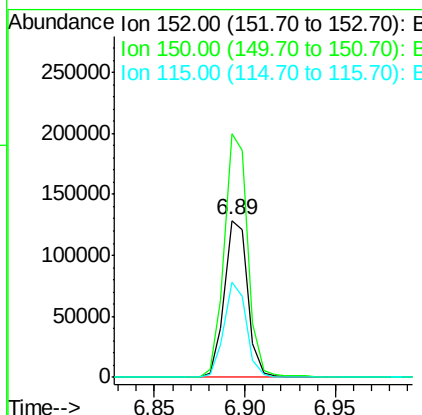
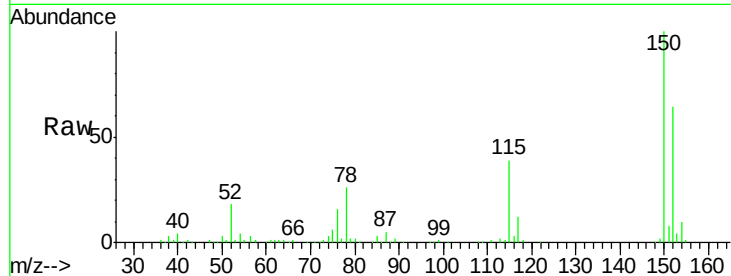




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF114035.D
 Acq: 29 Apr 2019 20:46

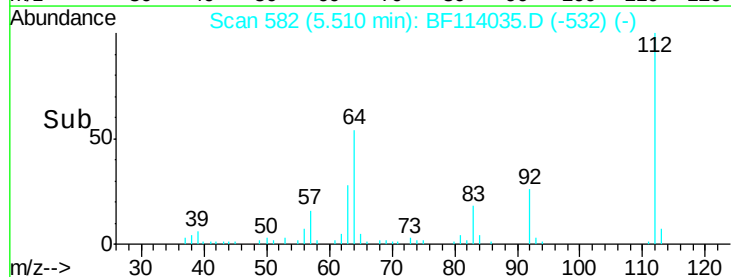
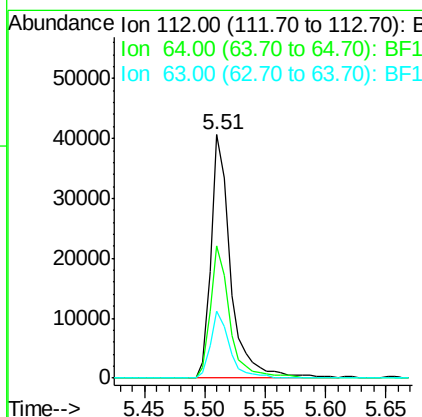
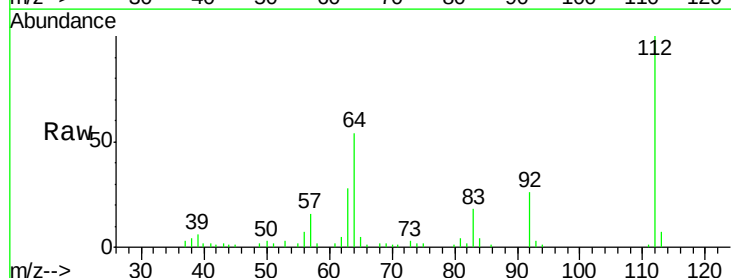
Instrument :
 BNA_F
 ClientSampleId :
 WATER-COMP

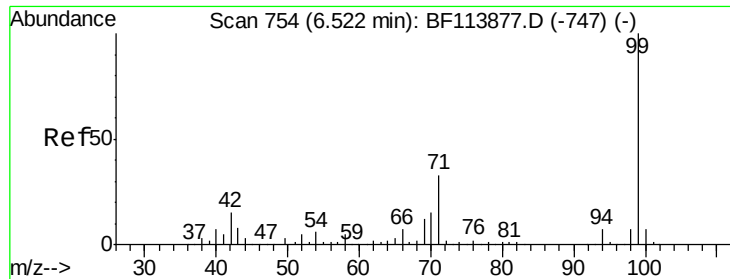
Tgt Ion:152 Resp: 116134
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.9 188.9
 115 61.0 45.9 68.9



#5
 2-Fluorophenol
 Concen: 6.753 ng
 RT: 5.51 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF114035.D
 Acq: 29 Apr 2019 20:46

Tgt Ion:112 Resp: 45856
 Ion Ratio Lower Upper
 112 100
 64 54.5 46.6 69.8
 63 27.6 23.1 34.7





#7

Phenol-d6

Concen: 4.775 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF114035.D

Acq: 29 Apr 2019 20:46

Instrument :

BNA_F

ClientSampleId :

WATER-COMP

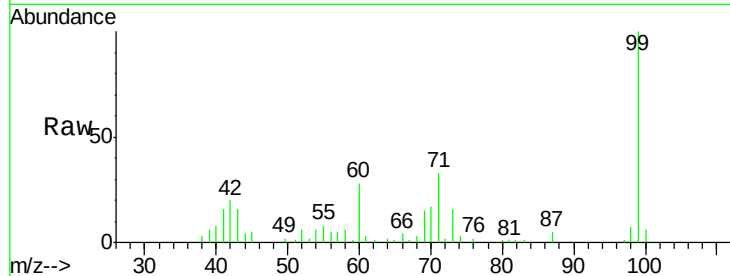
Tgt Ion: 99 Resp: 40678

Ion Ratio Lower Upper

99 100

42 19.8 12.5 18.7#

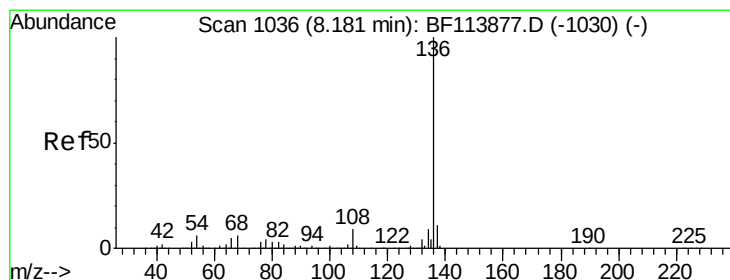
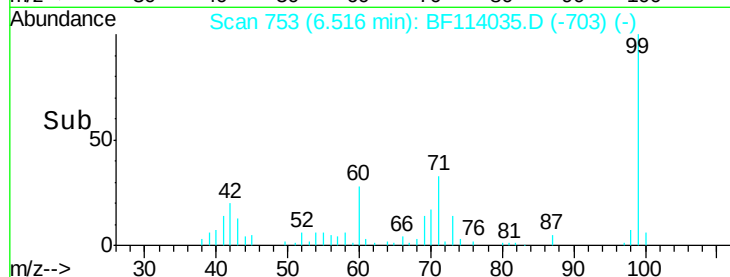
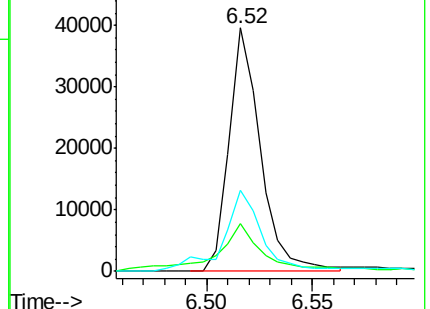
71 33.3 26.9 40.3



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF114035.D

Acq: 29 Apr 2019 20:46

Tgt Ion: 136 Resp: 437034

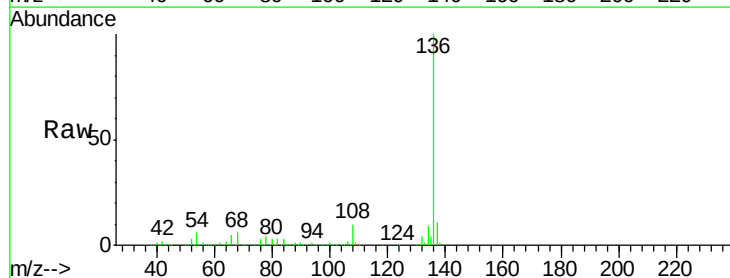
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 6.1 5.0 7.6

68 6.2 4.9 7.3

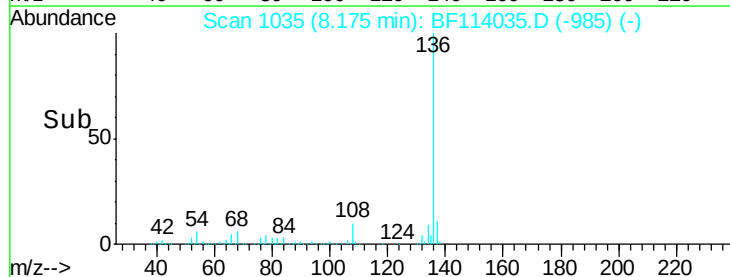
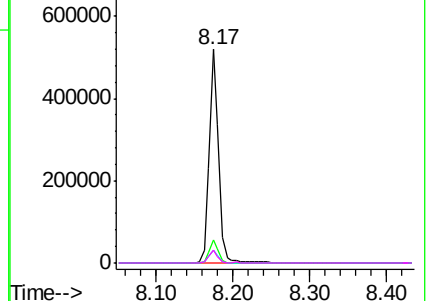


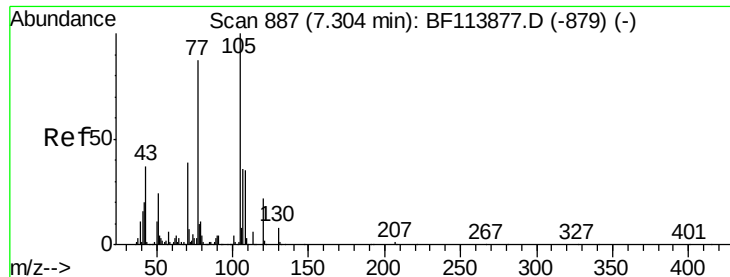
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 27.333 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF114035.D

Acq: 29 Apr 2019 20:46

Instrument :

BNA_F

ClientSampleId :

WATER-COMP

Tgt Ion:105 Resp: 265824

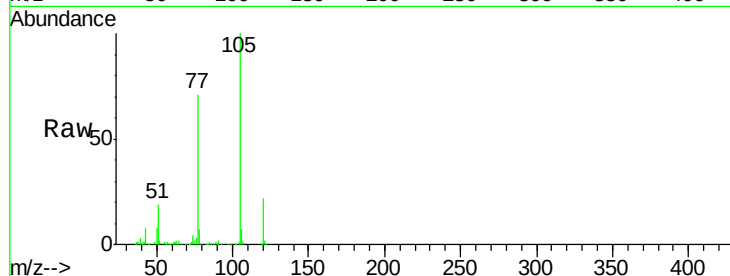
Ion Ratio Lower Upper

105 100

71 0.3 6.1 9.1#

51 19.0 16.8 25.2

120 22.1 17.6 26.4

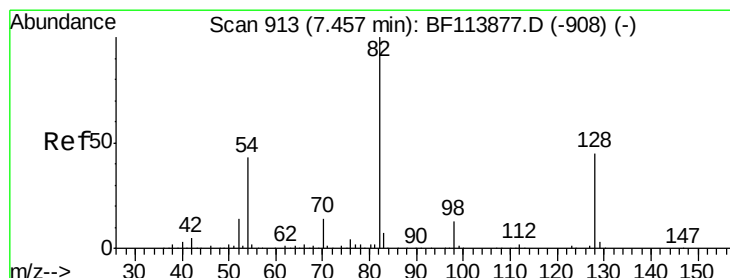
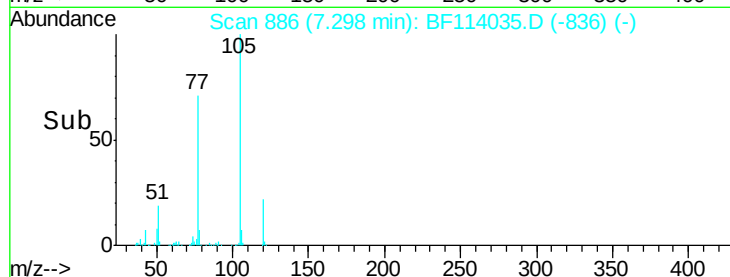
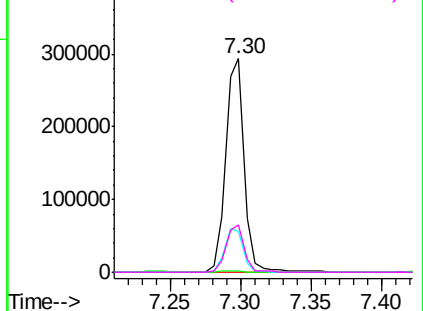


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 15.137 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF114035.D

Acq: 29 Apr 2019 20:46

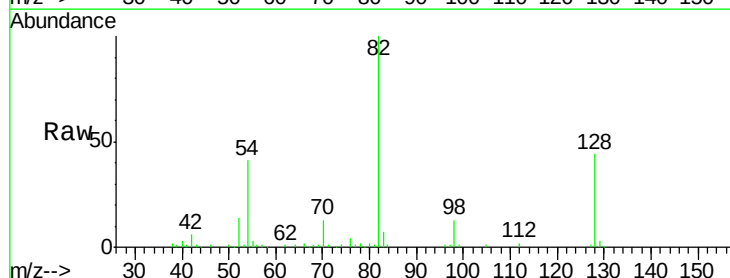
Tgt Ion: 82 Resp: 107141

Ion Ratio Lower Upper

82 100

128 43.5 36.8 55.2

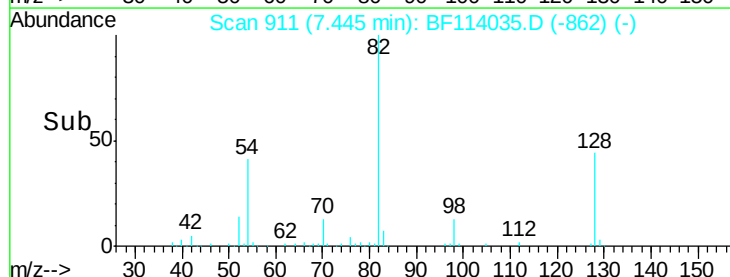
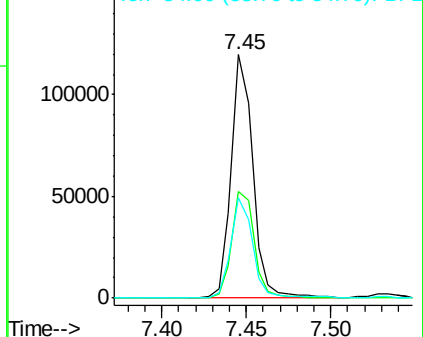
54 41.2 33.8 50.6

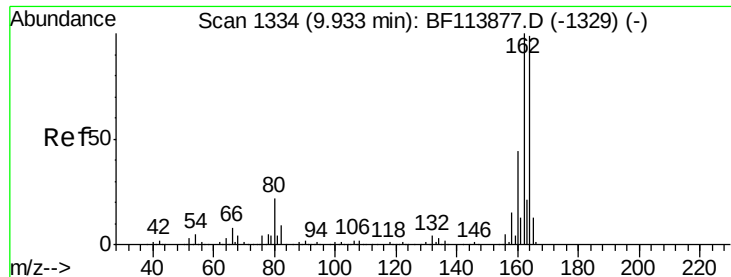


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

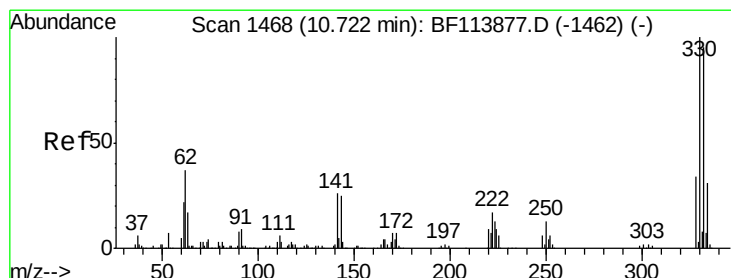
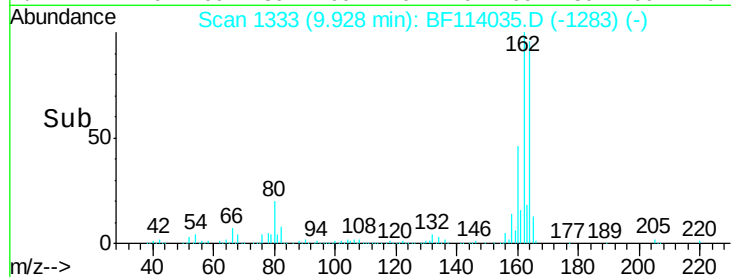
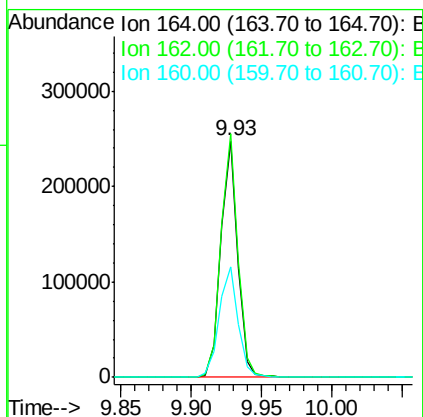
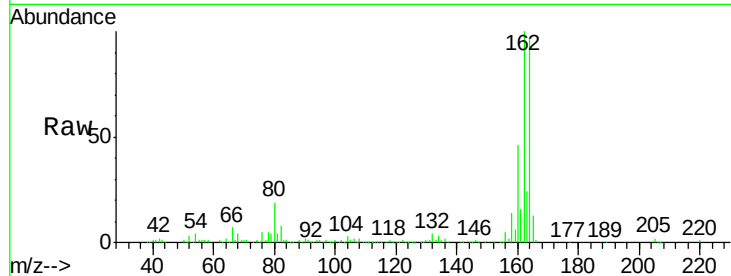




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114035.D
Acq: 29 Apr 2019 20:46

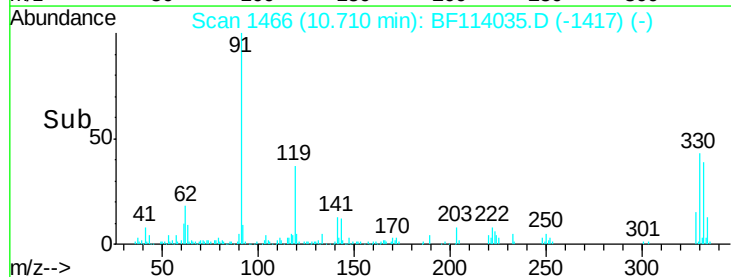
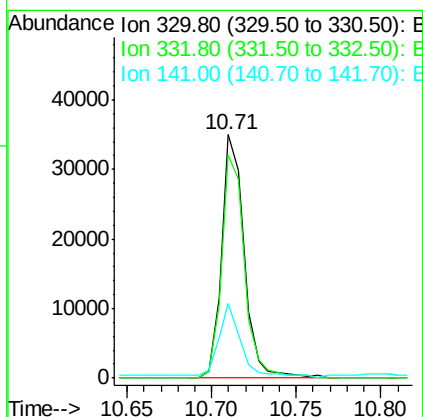
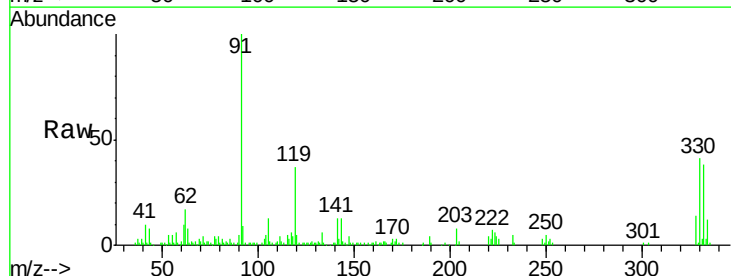
Instrument :
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WATER-COMP

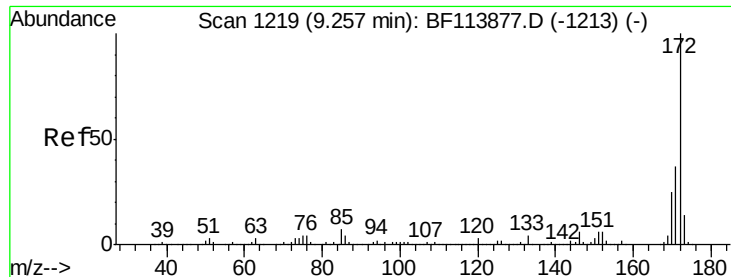
Tgt Ion:164 Resp: 205596
Ion Ratio Lower Upper
164 100
162 103.2 81.1 121.7
160 47.0 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 13.031 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF114035.D
Acq: 29 Apr 2019 20:46

Tgt Ion:330 Resp: 32638
Ion Ratio Lower Upper
330 100
332 93.4 77.5 116.3
141 32.3 22.2 33.2

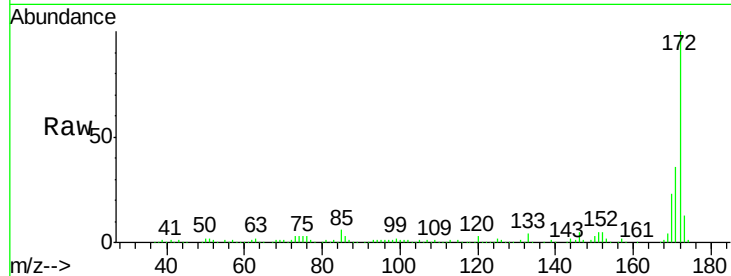




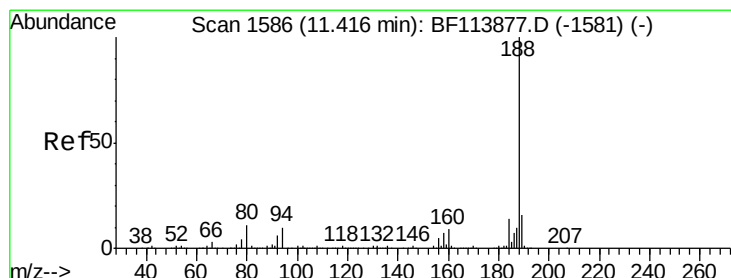
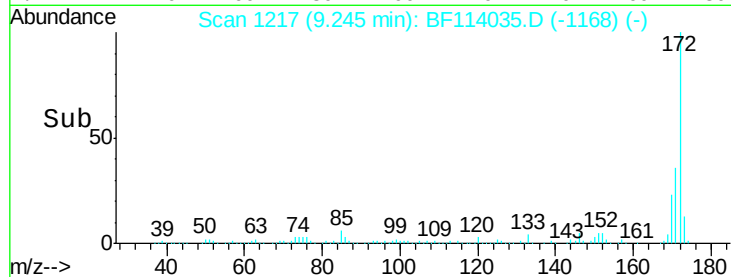
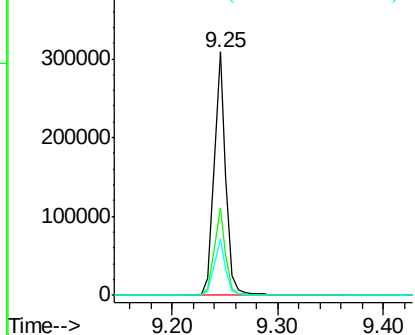
#45
 2-Fluorobiphenyl
 Concen: 18.586 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF114035.D
 Acq: 29 Apr 2019 20:46

Instrument :
 BNA_F
 ClientSampleId :
 WATER-COMP

Tgt Ion:172 Resp: 244314
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 23.1 19.9 29.9

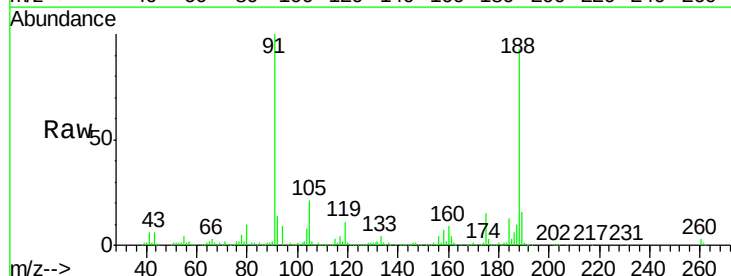


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

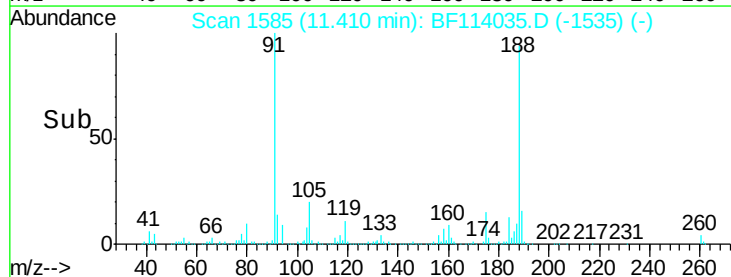
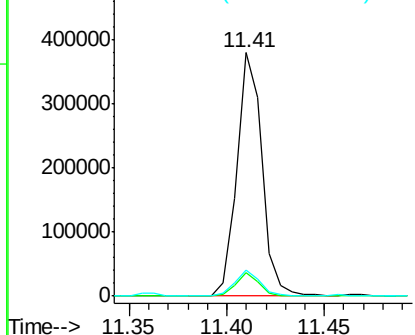


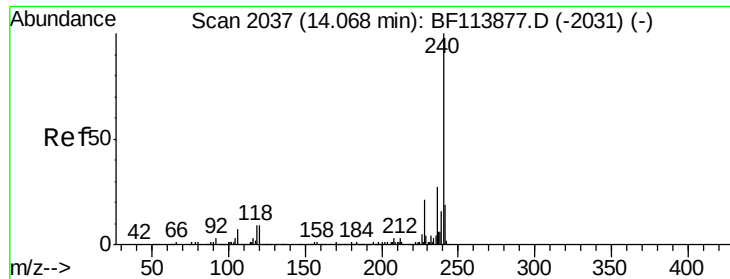
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF114035.D
 Acq: 29 Apr 2019 20:46

Tgt Ion:188 Resp: 340086
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.2 12.4
 80 10.7 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

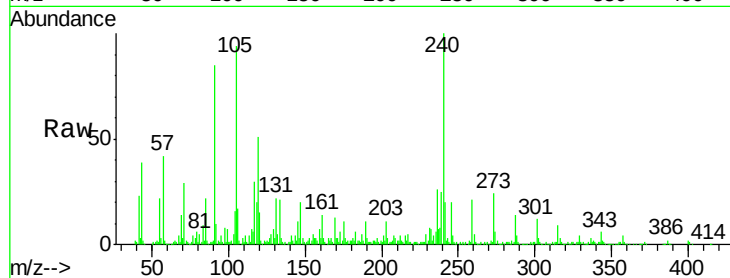




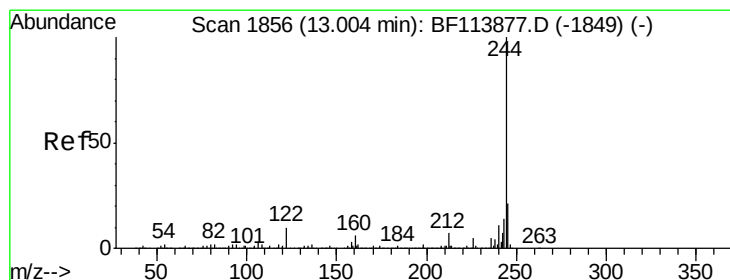
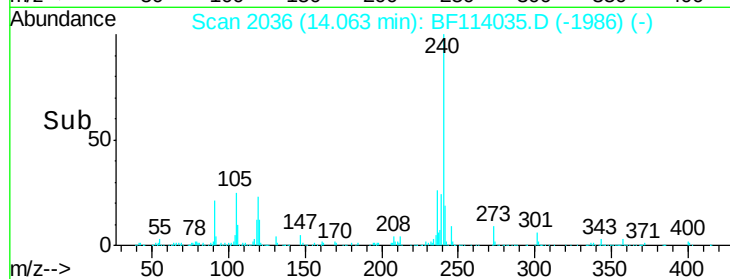
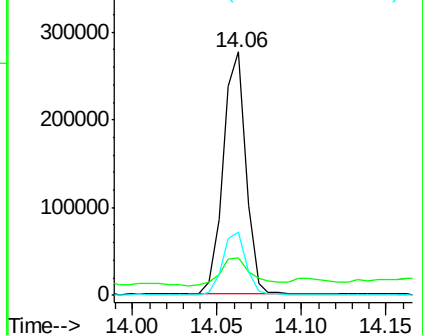
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF114035.D
Acq: 29 Apr 2019 20:46

Instrument :
BNA_F
ClientSampleId :
WATER-COMP

Tgt Ion:240 Resp: 258945
Ion Ratio Lower Upper
240 100
120 15.5 9.3 13.9#
236 26.2 21.2 31.8

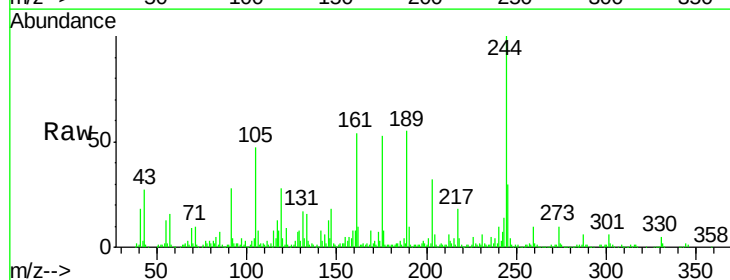


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

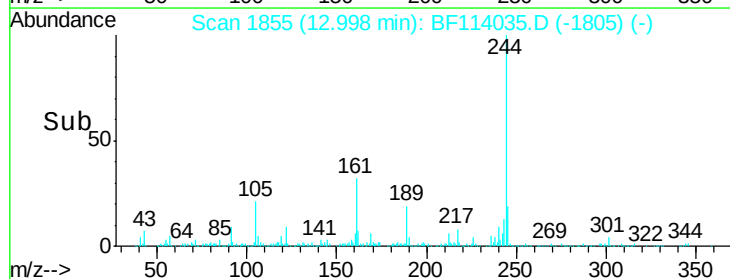
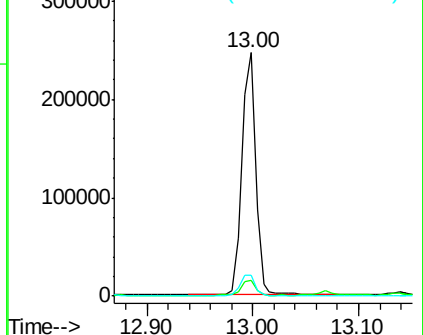


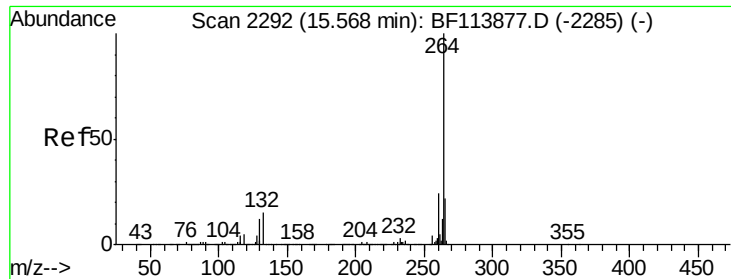
#79
Terphenyl-d14
Concen: 17.515 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF114035.D
Acq: 29 Apr 2019 20:46

Tgt Ion:244 Resp: 221221
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.2
122 8.8 7.6 11.4



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: 15.54 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BF114035.D
Acq: 29 Apr 2019 20:46

Instrument :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	22.3	17.3	25.9

