

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105175.D
 Acq On : 9 May 2018 5:37
 Operator : JU/SJ
 Sample : J2764-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-WELL

Quant Time: May 09 12:06:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 09 12:00:41 2018
 Response via : Initial Calibration

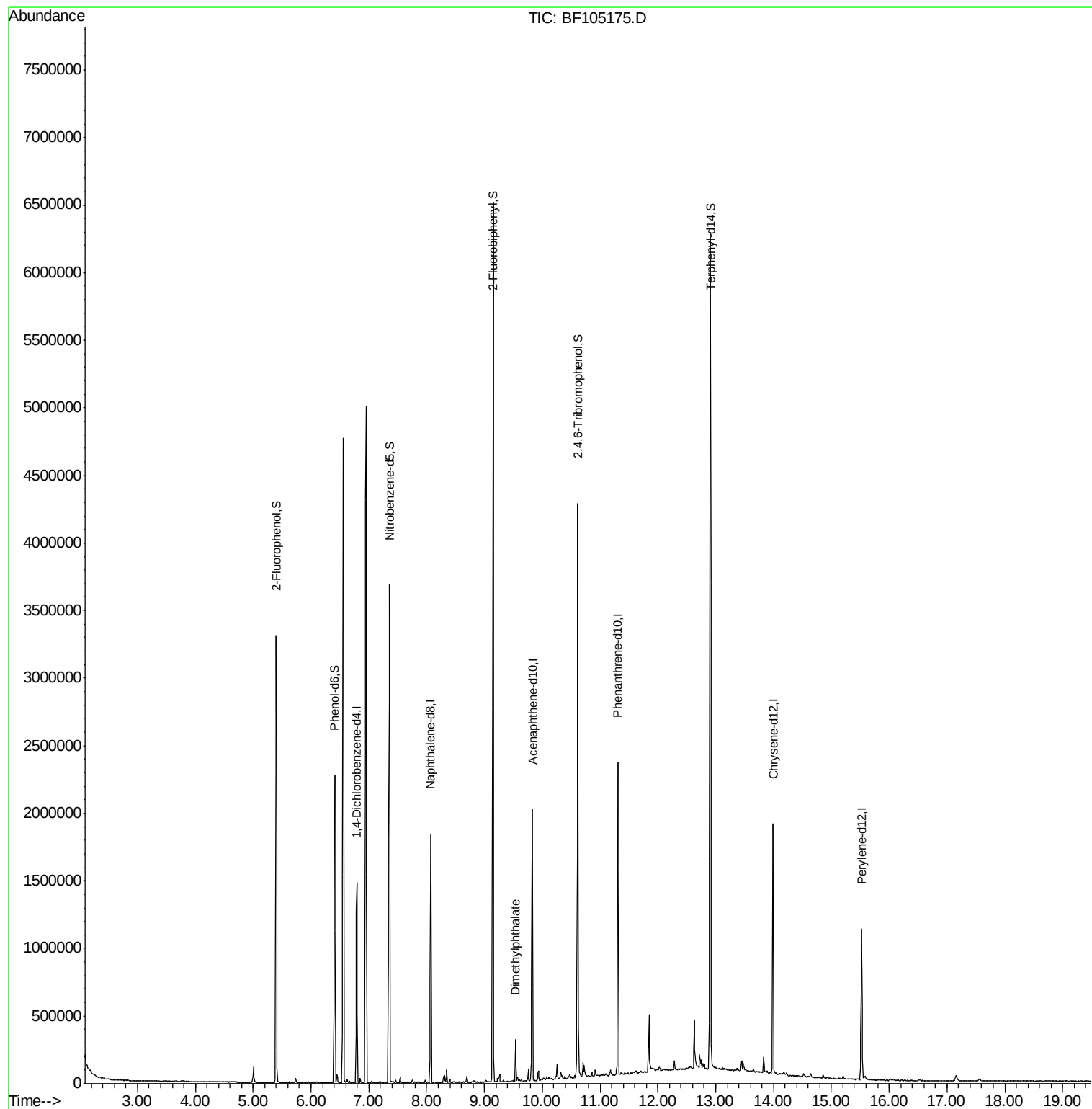
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	209676	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	845180	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	413657	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	804509	20.00	ng	0.00
75) Chrysene-d12	13.99	240	678125	20.00	ng	0.00
86) Perylene-d12	15.53	264	555788	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	859561	67.54	ng	0.00
7) Phenol-d6	6.41	99	660405	43.58	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1409904	113.06	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	672969	147.46	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2425190	91.00	ng	0.00
78) Terphenyl-d14	12.91	244	2672647	91.55	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.54	163	96680	3.452	ng	Qvalue 98

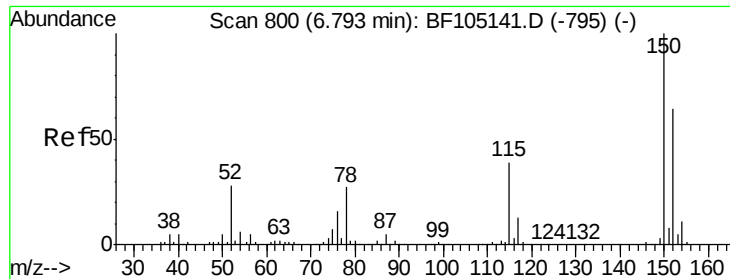
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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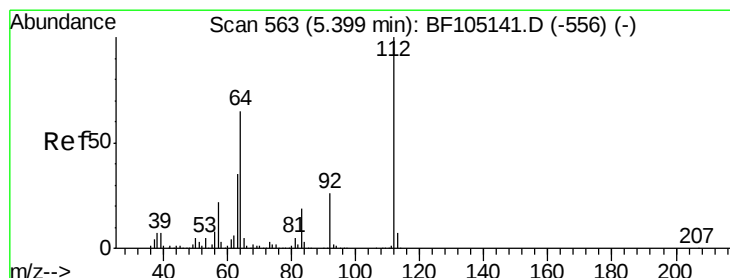
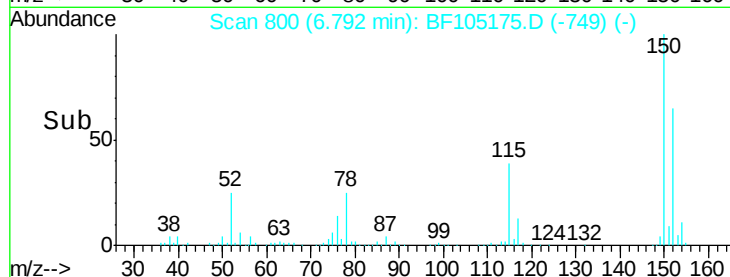
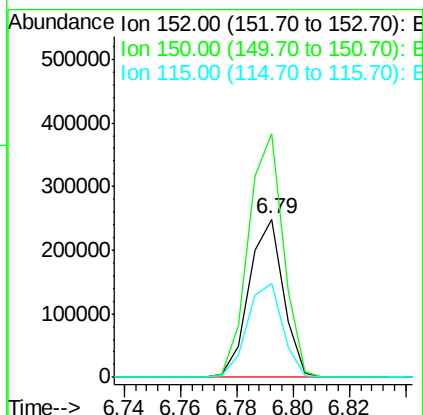
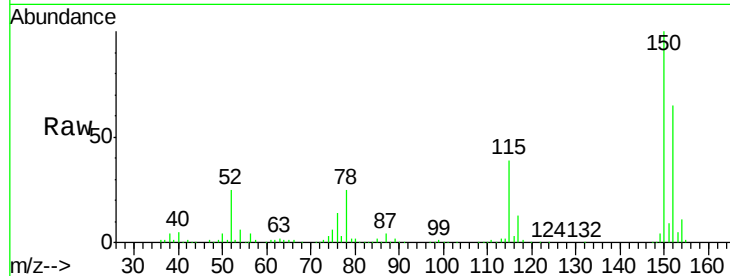


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105175.D
Acq: 9 May 2018 5:37

Instrument :
BNA_F
ClientSampleId :
WATER-WELL

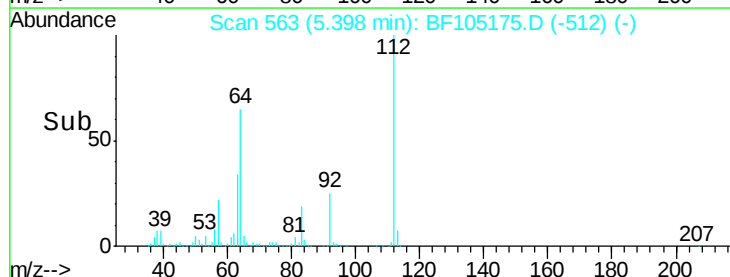
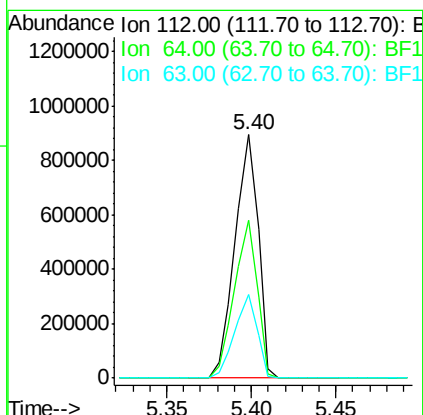
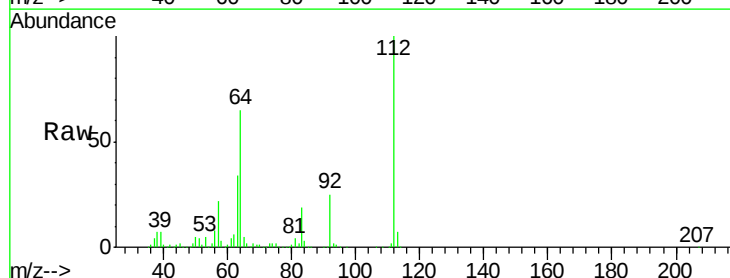
Tot Ion:152 Resp: 209676
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 59.4 50.1 75.1

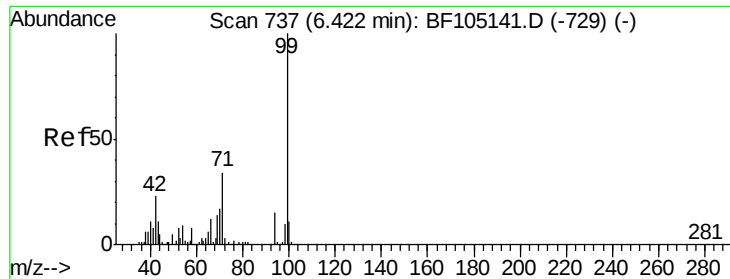


#5

2-Fluorophenol
Concen: 67.536 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF105175.D
Acq: 9 May 2018 5:37

Tgt Ion:112 Resp: 859561
Ion Ratio Lower Upper
112 100
64 65.0 47.9 71.9
63 34.3 23.7 35.5





#7

Phenol-d6

Concen: 43.578 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF105175.D

Acq: 9 May 2018 5:37

Instrument :

BNA_F

ClientSampleId :

WATER-WELL

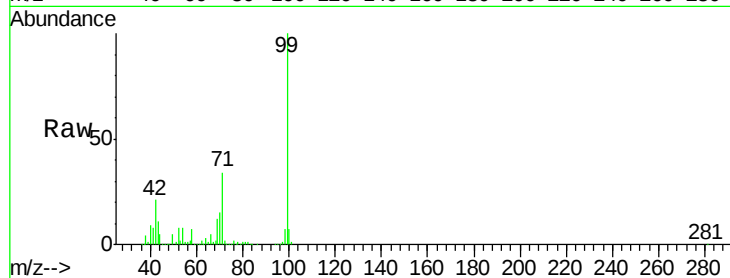
Tot Ion: 99 Resp: 660405

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

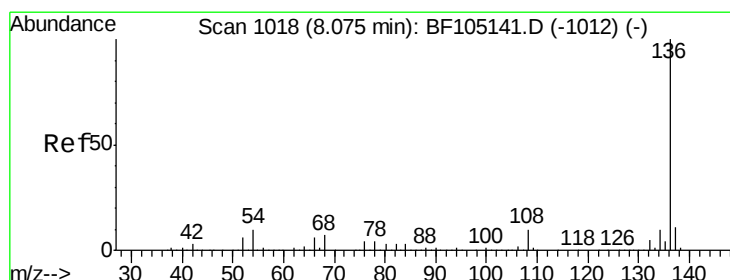
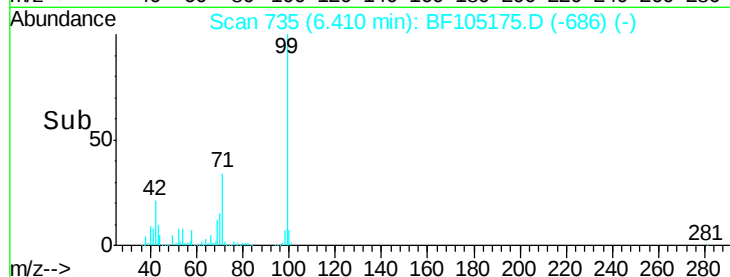
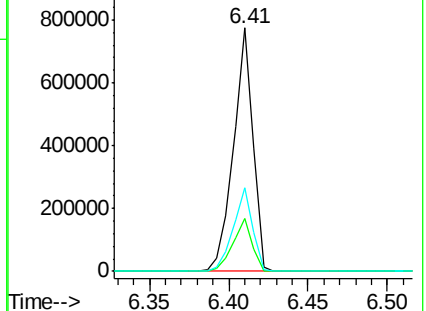
71 34.1 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF105175.D

Acq: 9 May 2018 5:37

Tgt Ion: 136 Resp: 845180

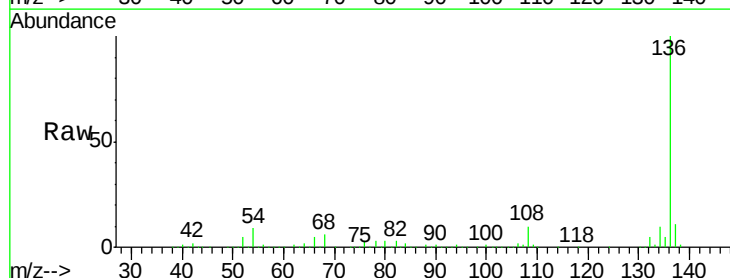
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 8.6 6.6 9.8

68 5.7 5.0 7.4

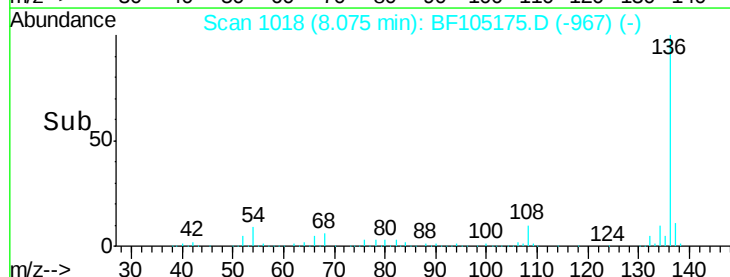
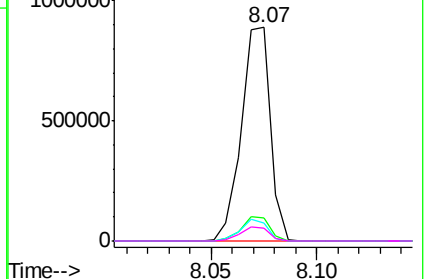


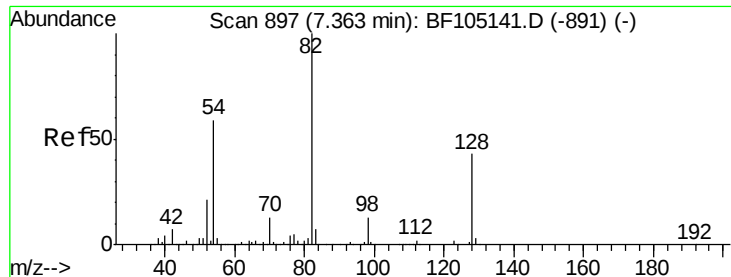
Abundance Ion 136.00 (135.70 to 136.70): E

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



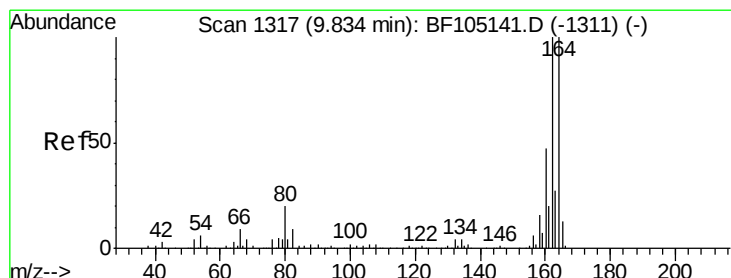
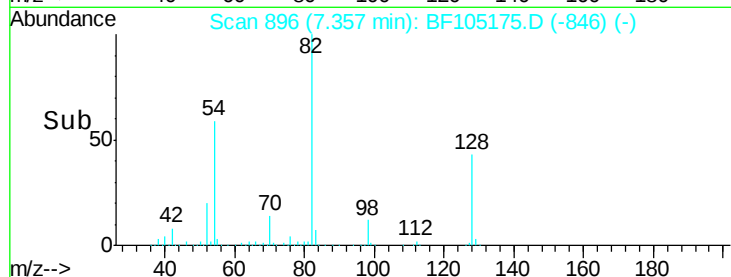
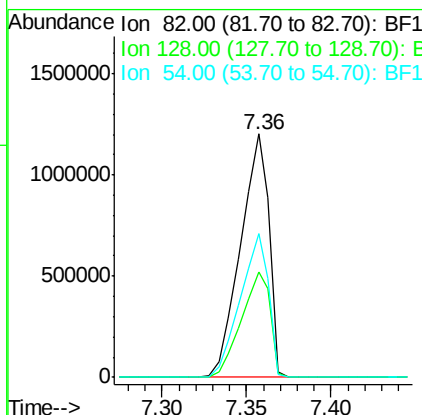
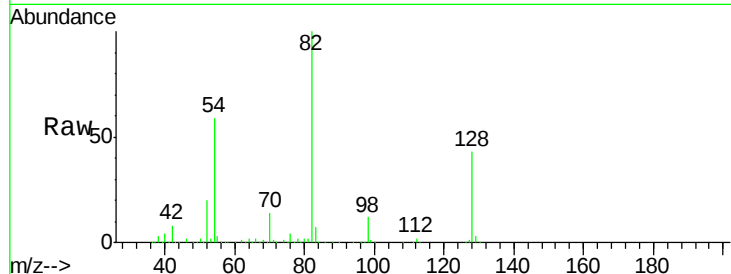


#23
 Nitrobenzene-d5
 Concen: 113.058 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF105175.D
 Acq: 9 May 2018 5:37

Instrument :
 BNA_F
 ClientSampleId :
 WATER-WELL

Tot Ion: 82 Resp: 1409904

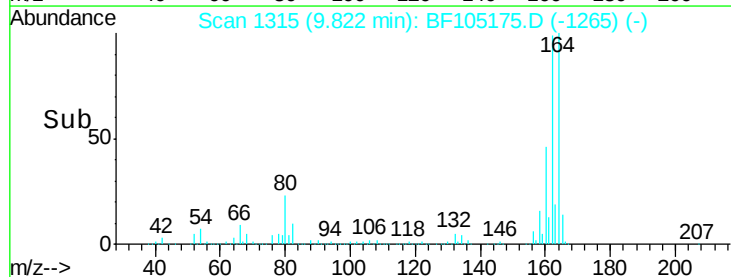
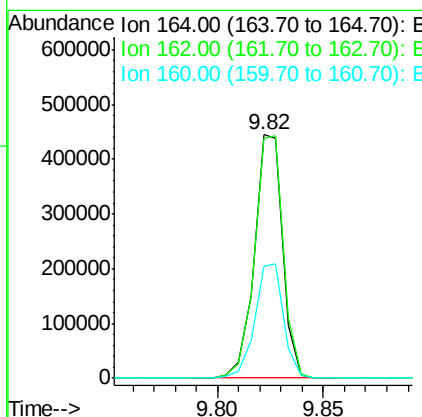
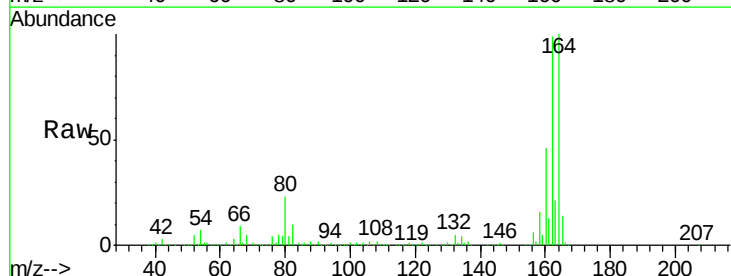
Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	58.8	41.4	62.2

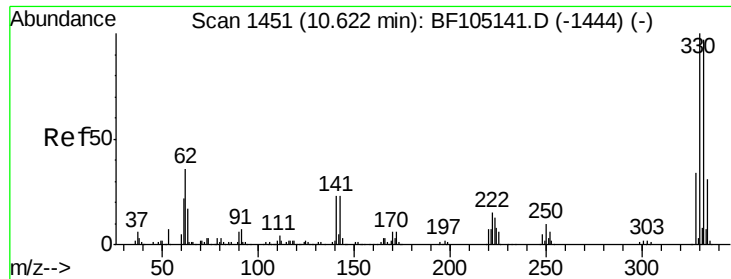


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF105175.D
 Acq: 9 May 2018 5:37

Tgt Ion: 164 Resp: 413657

Ion	Ratio	Lower	Upper
164	100		
162	98.7	86.1	129.1
160	45.7	38.3	57.5

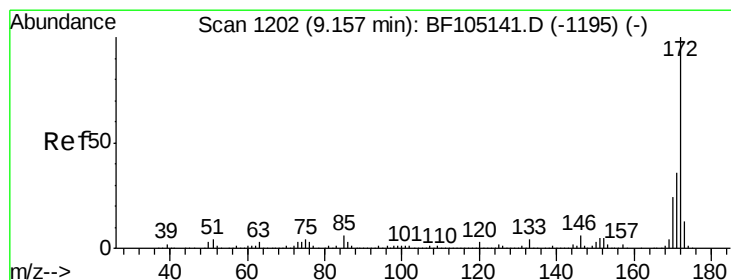
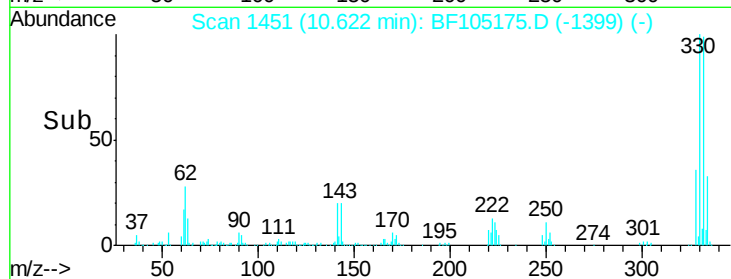
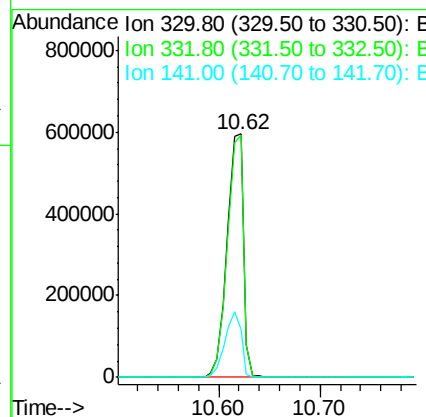
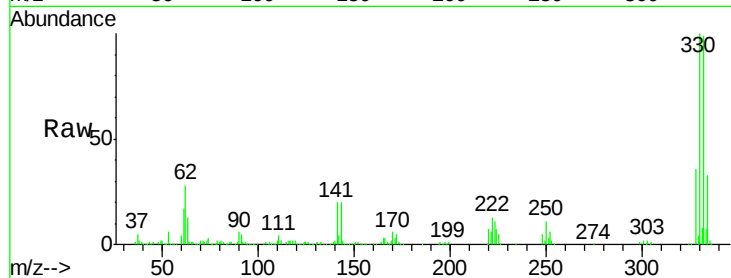




#41
 2,4,6-Tribromophenol
 Concen: 147.459 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF105175.D
 Acq: 9 May 2018 5:37

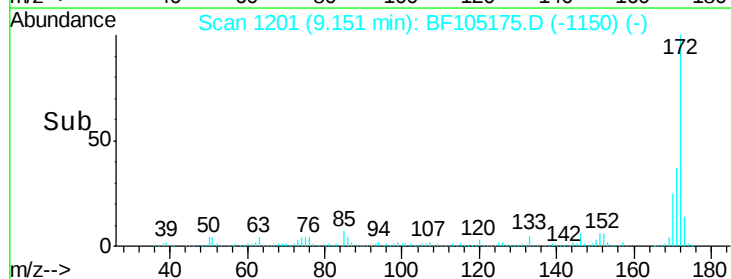
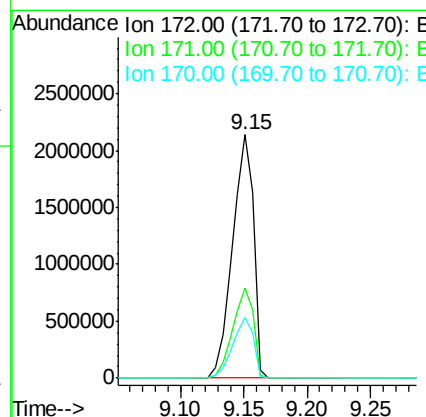
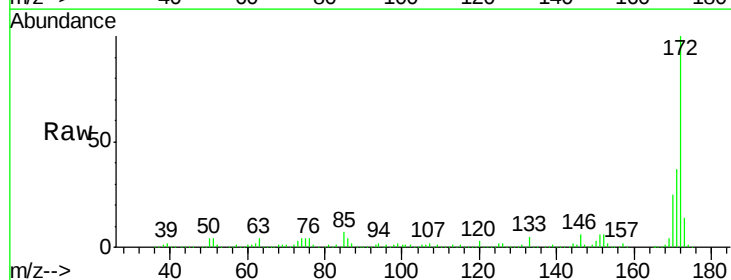
Instrument :
 BNA_F
 ClientSampleId :
 WATER-WELL

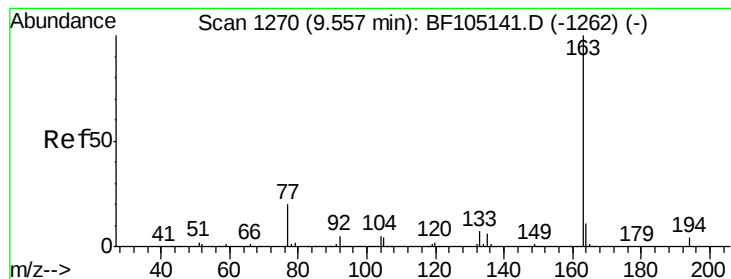
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	27.1	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 90.997 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF105175.D
 Acq: 9 May 2018 5:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.8	19.6	29.4





#49

Dimethylphthalate

Concen: 3.452 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF105175.D

Acq: 9 May 2018 5:37

Instrument :

BNA_F

ClientSampleId :

WATER-WELL

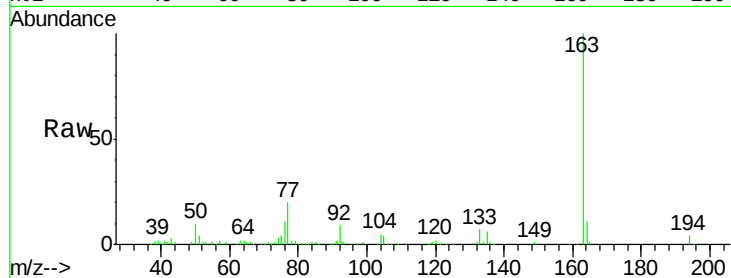
Tot Ion:163 Resp: 96680

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

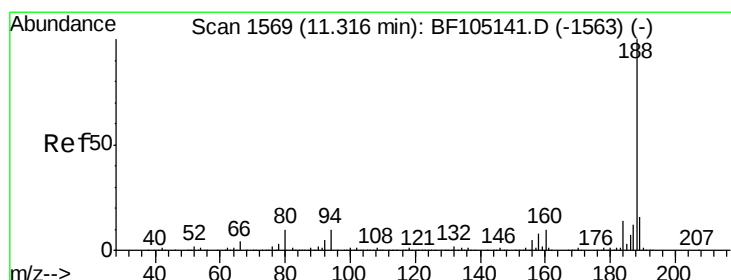
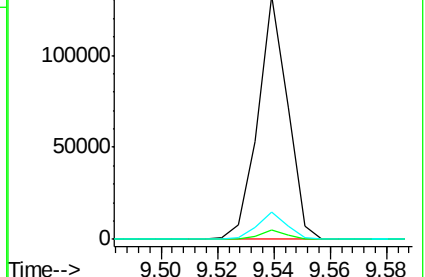
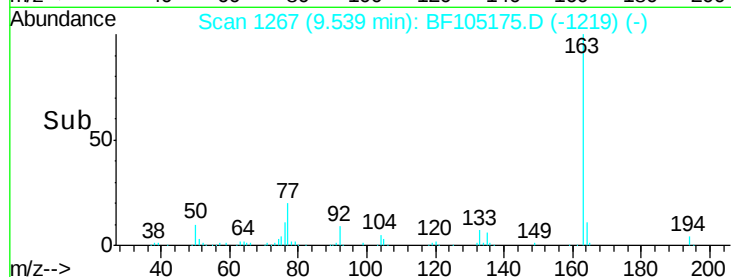
164 11.2 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF105175.D

Acq: 9 May 2018 5:37

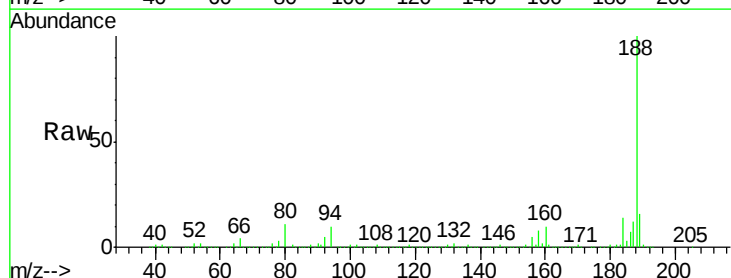
Tgt Ion:188 Resp: 804509

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

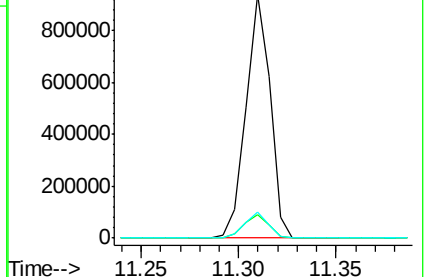
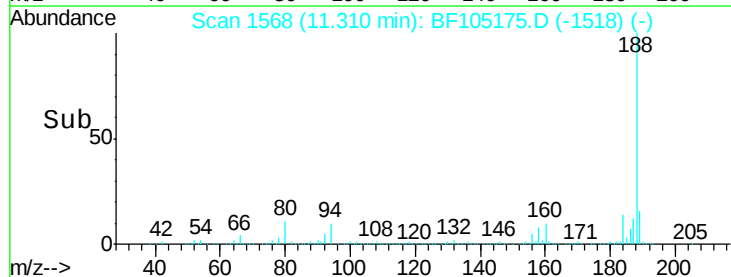
80 10.7 9.2 13.8

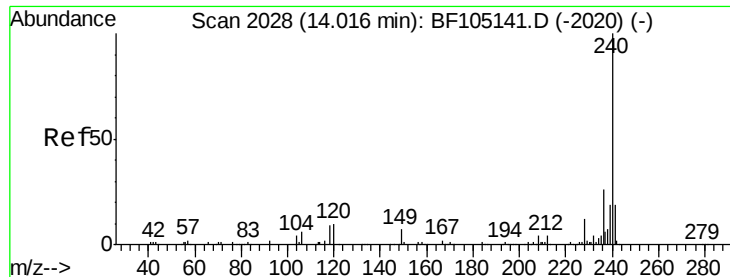


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF105175.D

Acq: 9 May 2018 5:37

Instrument :

BNA_F

ClientSampleId :

WATER-WELL

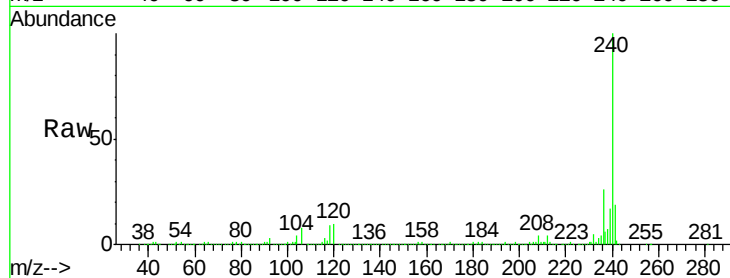
Tot Ion:240 Resp: 678125

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

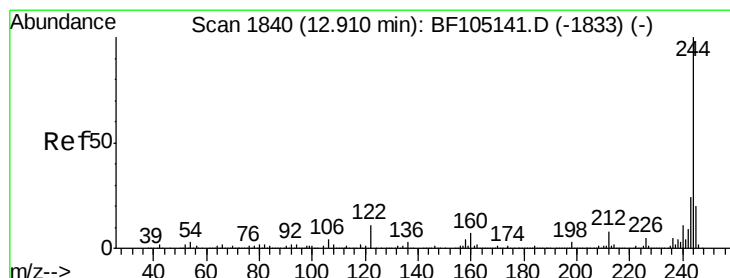
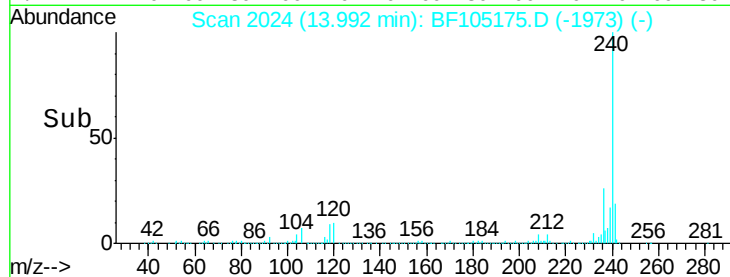
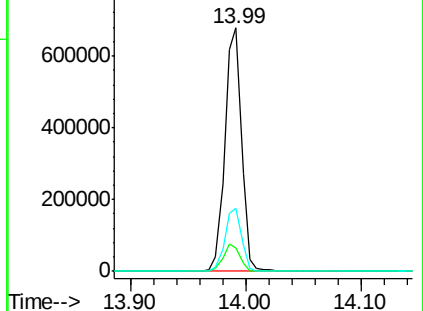
236 25.9 20.7 31.1



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



#78

Terphenyl-d14

Concen: 91.549 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF105175.D

Acq: 9 May 2018 5:37

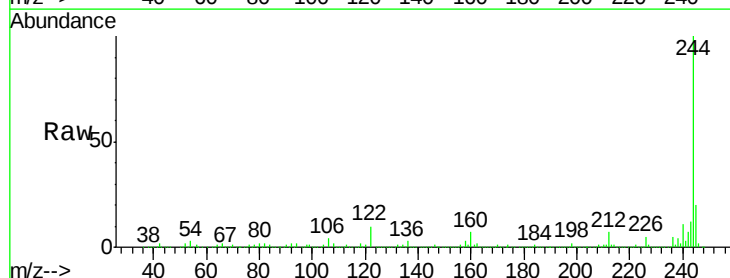
Tgt Ion:244 Resp: 2672647

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

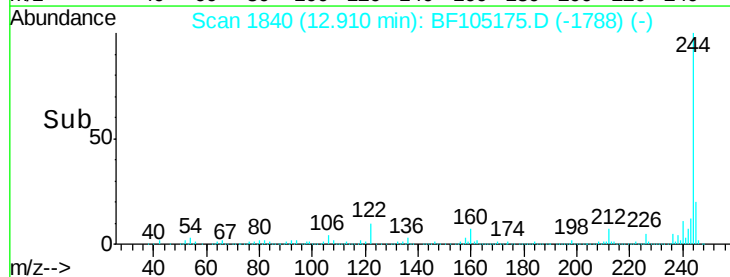
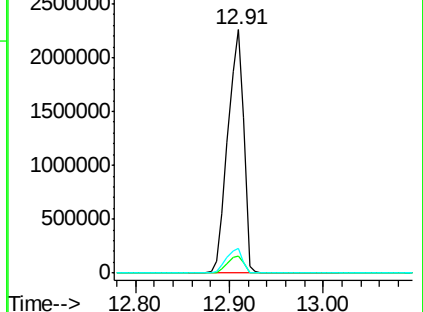
122 10.2 11.0 16.4

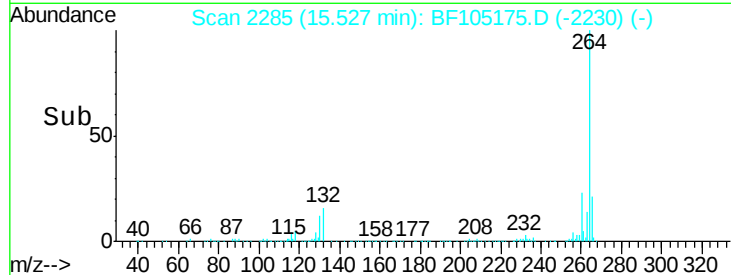
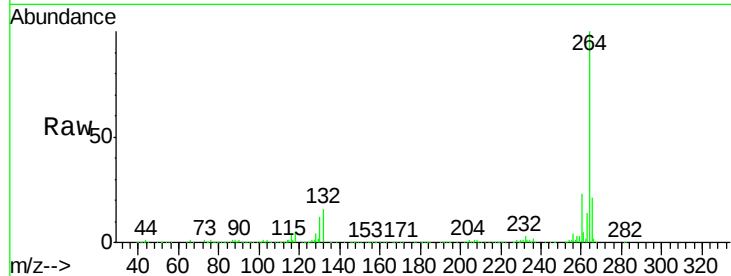
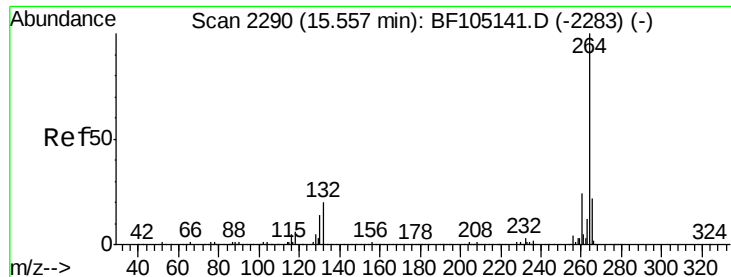


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. 0.02 min
 Lab File: BF105175.D
 Acq: 9 May 2018 5:37

Instrument :
 BNA_F
 ClientSampleId :
 WATER-WELL

Tot Ion:264	Resp:	555788
Ion Ratio	Lower	Upper
264	100	
260	23.5	19.2 28.8
265	21.4	17.5 26.3

