

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
 Data File : BF094648.D
 Acq On : 26 Apr 2017 15:52
 Operator : SJ/MA
 Sample : I2782-06RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-12-42017RE

Quant Time: Apr 27 03:59:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	152931	20.00	ng	-0.01
21) Naphthalene-d8	7.24	136	648044	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	323746	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	624158	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	528498	20.00	ng	-0.01
86) Perylene-d12	16.08	264	382137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	173067	18.78	ng	0.00
7) Phenol-d6	5.37	99	132190	12.16	ng	-0.02
23) Nitrobenzene-d5	6.40	82	288832	27.52	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	103753	40.97	ng	-0.02
44) 2-Fluorobiphenyl	8.57	172	643783	29.26	ng	-0.02
78) Terphenyl-d14	13.18	244	630782	31.90	ng	-0.02

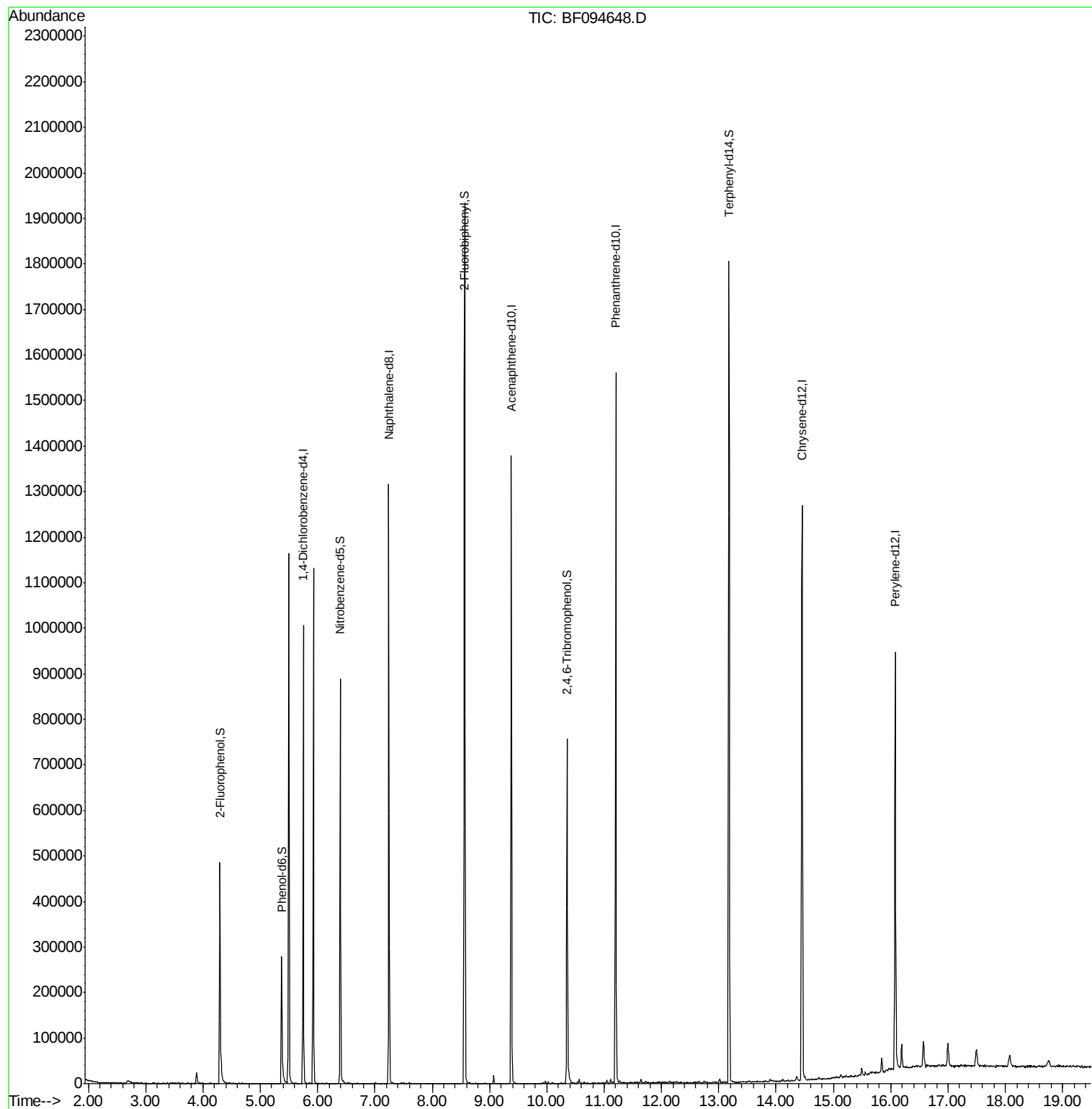
Target Compounds Qvalue

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

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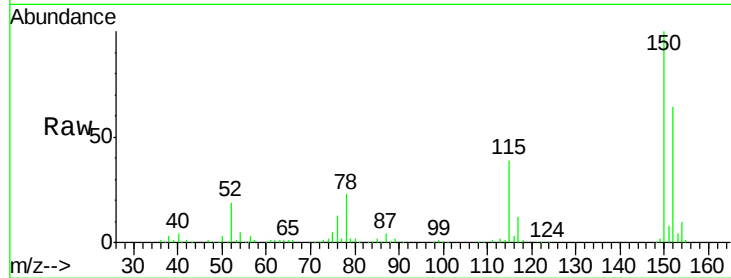


#1

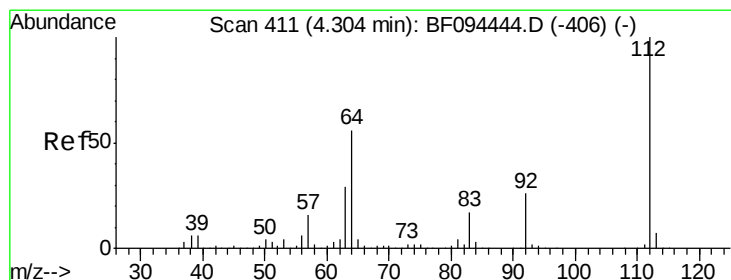
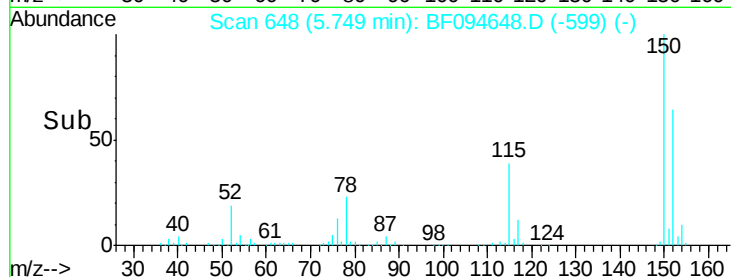
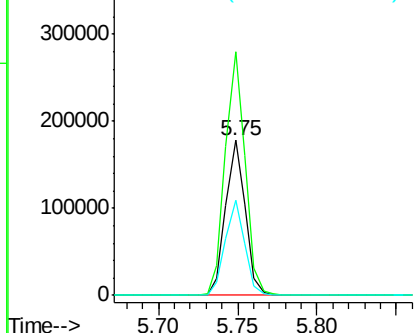
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.75 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF094648.D
 Acq: 26 Apr 2017 15:52

Instrument :
 BNA_F
 ClientSampleId :
 HW-12-42017RE

Tot Ion:152 Resp: 152931
 Ion Ratio Lower Upper
 152 100
 150 157.4 126.2 189.2
 115 61.4 52.2 78.2



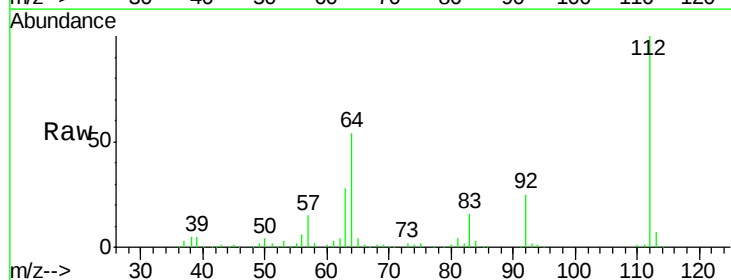
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



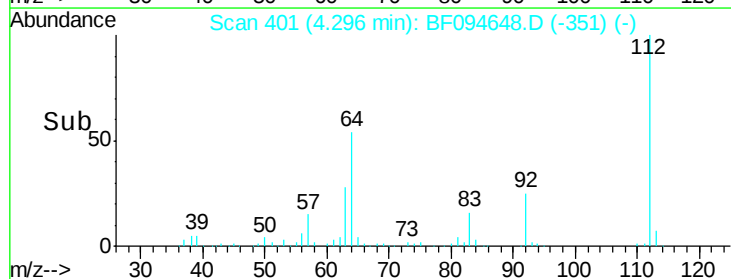
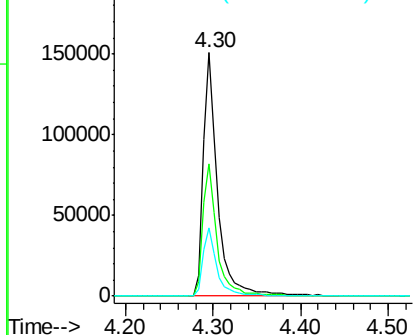
#5

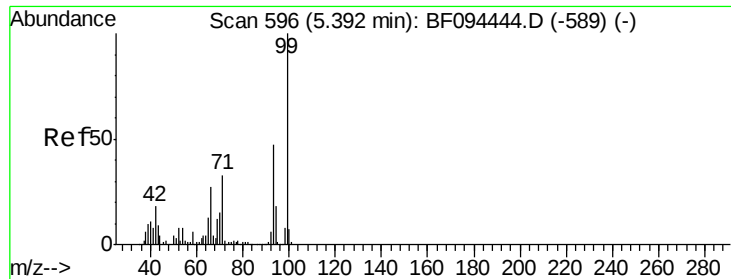
2-Fluorophenol
 Concen: 18.78 ng
 RT: 4.30 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: BF094648.D
 Acq: 26 Apr 2017 15:52

Tgt Ion:112 Resp: 173067
 Ion Ratio Lower Upper
 112 100
 64 54.4 46.0 69.0
 63 27.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 12.16 ng

RT: 5.37 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF094648.D

Acq: 26 Apr 2017 15:52

Instrument :

BNA_F

ClientSampleId :

HW-12-42017RE

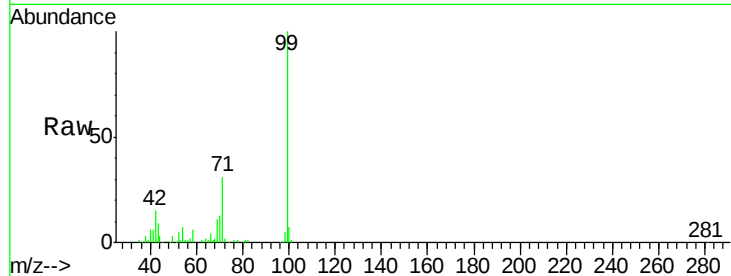
Tot Ion: 99 Resp: 132190

Ion Ratio Lower Upper

99 100

42 15.1 13.5 20.3

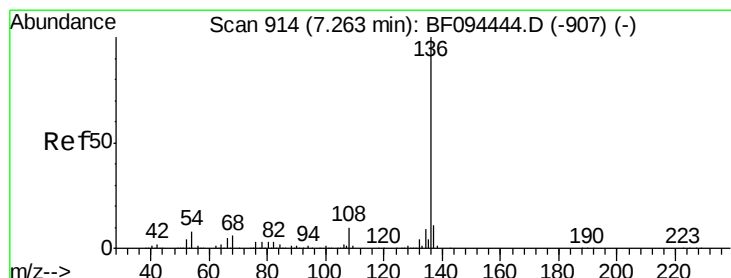
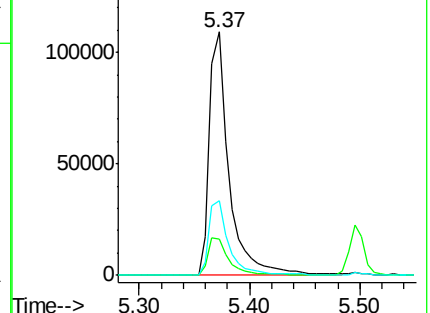
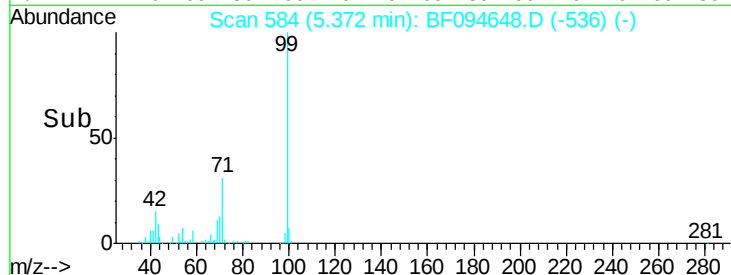
71 30.9 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.24 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF094648.D

Acq: 26 Apr 2017 15:52

Tgt Ion: 136 Resp: 648044

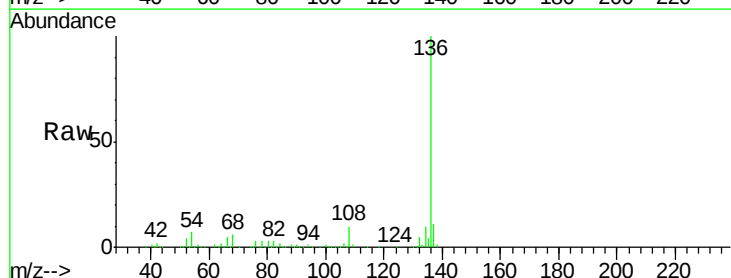
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.4 4.9 7.3#

68 6.0 4.1 6.1

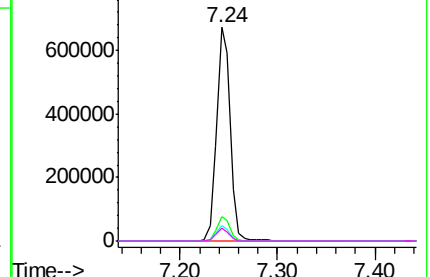
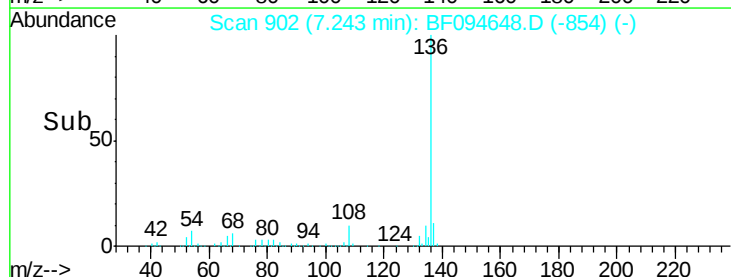


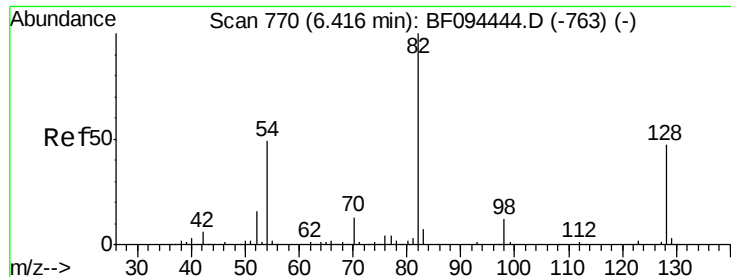
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

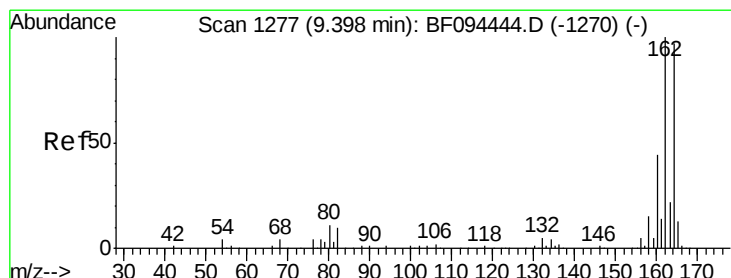
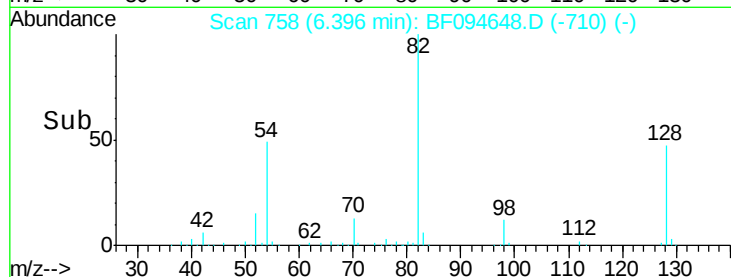
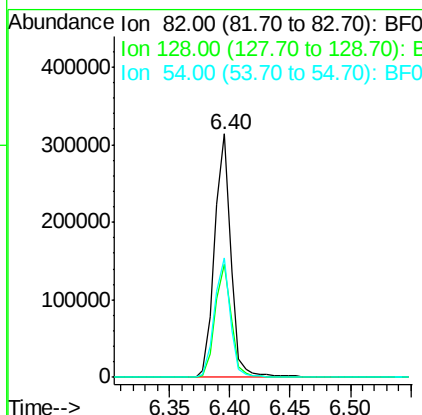
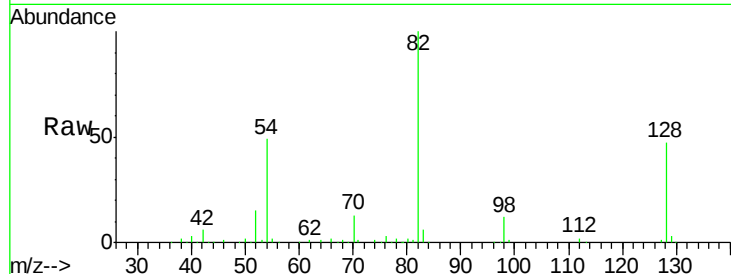




#23
 Nitrobenzene-d5
 Concen: 27.52 ng
 RT: 6.40 min Scan# 758
 Delta R.T. -0.02 min
 Lab File: BF094648.D
 Acq: 26 Apr 2017 15:52

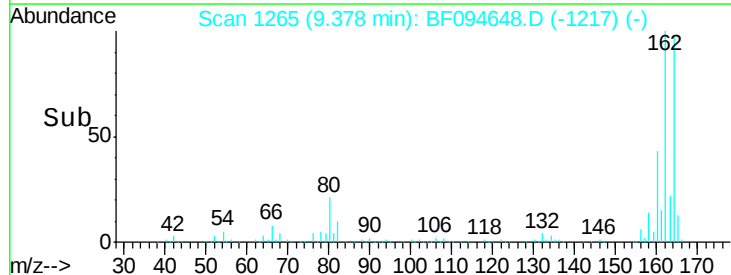
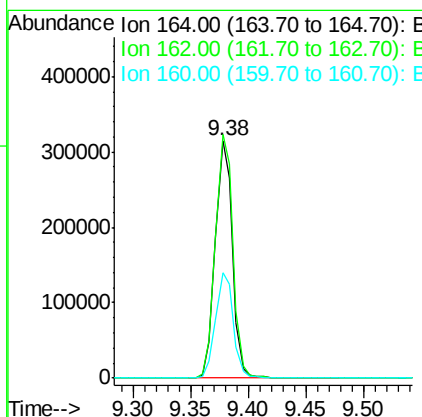
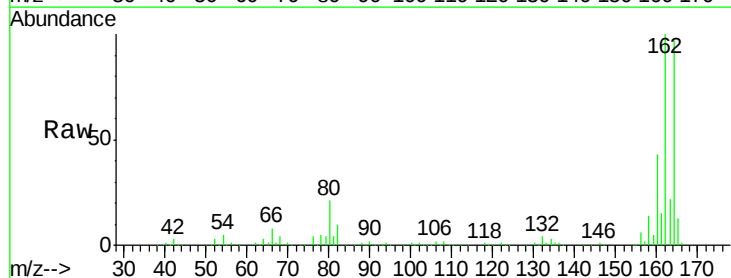
Instrument :
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 ClientSampleId :
 HW-12-42017RE

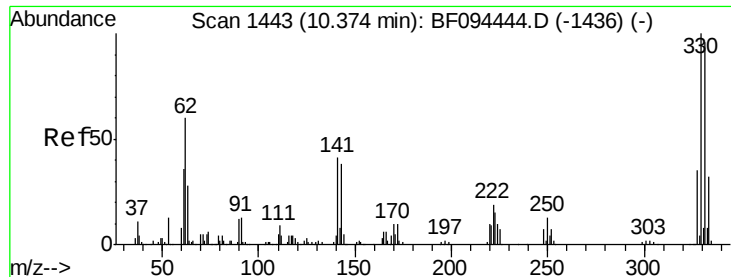
Tot Ion	82	Resp	288832
Ion Ratio	Lower	Upper	
82	100		
128	46.6	34.0	51.0
54	48.8	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094648.D
 Acq: 26 Apr 2017 15:52

Tgt Ion	164	Resp	323746
Ion Ratio	Lower	Upper	
164	100		
162	102.6	82.6	123.8
160	44.3	36.2	54.2

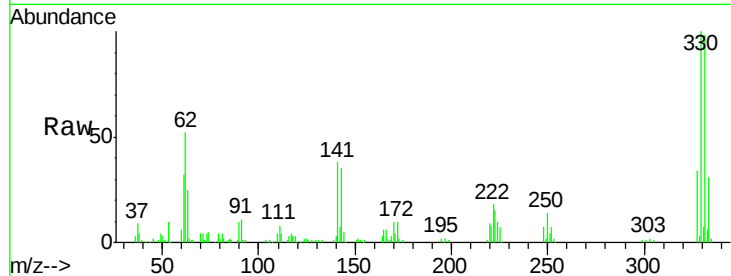




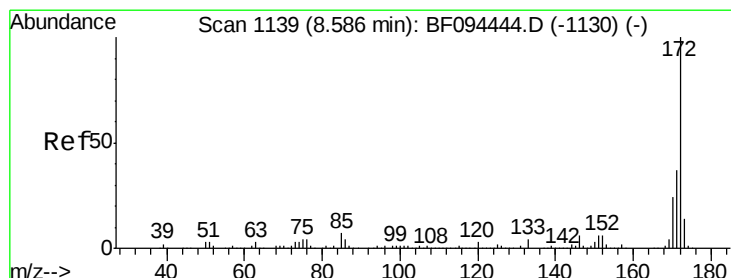
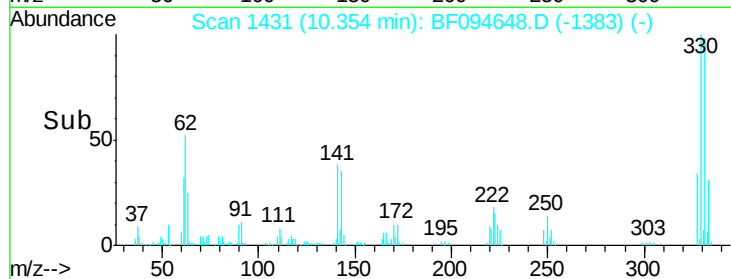
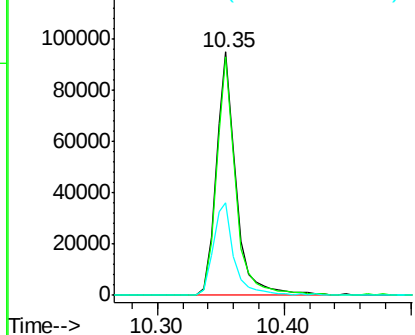
#41
 2,4,6-Tribromophenol
 Concen: 40.97 ng
 RT: 10.35 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF094648.D
 Acq: 26 Apr 2017 15:52

Instrument :
 BNA_F
 ClientSampleId :
 HW-12-42017RE

Tot Ion:330 Resp: 103753
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 40.4 31.4 47.2

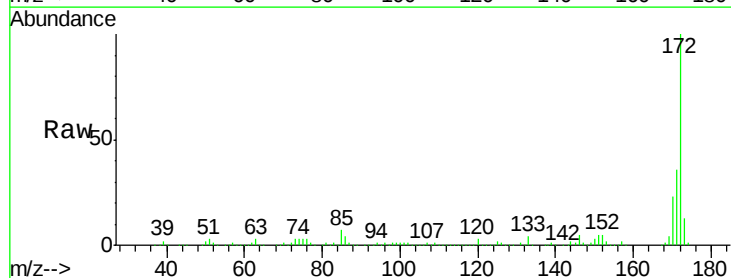


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

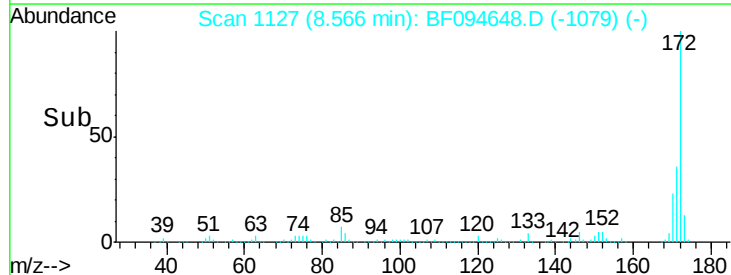
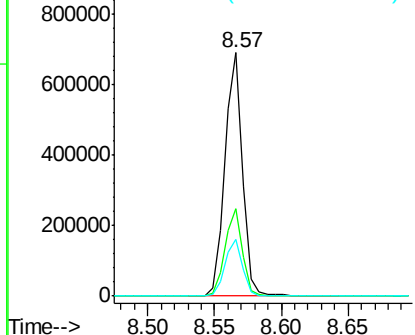


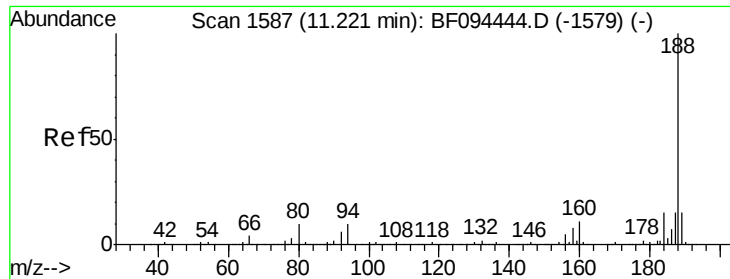
#44
 2-Fluorobiphenyl
 Concen: 29.26 ng
 RT: 8.57 min Scan# 1127
 Delta R.T. -0.02 min
 Lab File: BF094648.D
 Acq: 26 Apr 2017 15:52

Tgt Ion:172 Resp: 643783
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.3 19.8 29.8



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

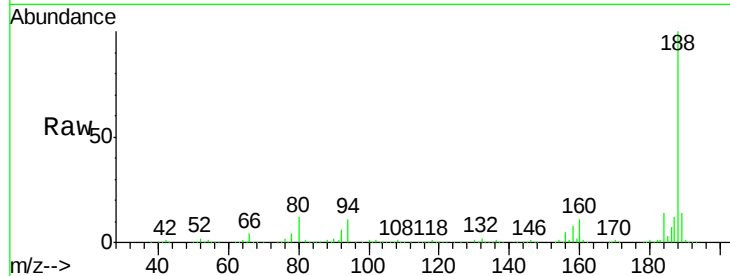




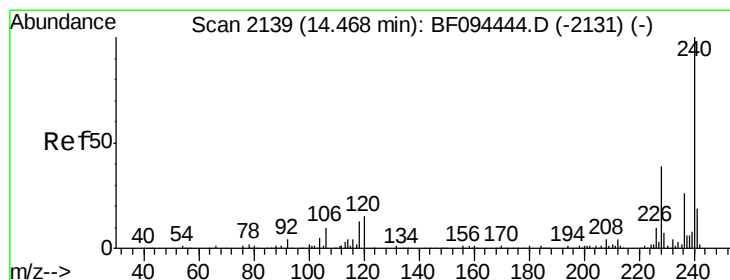
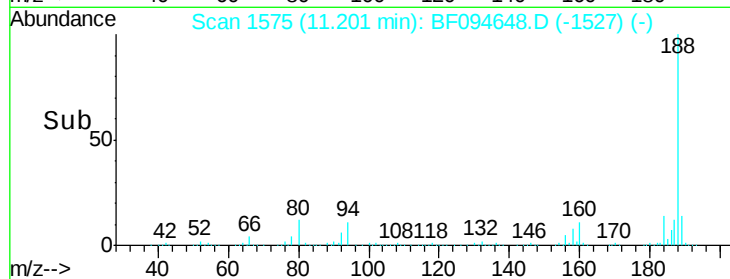
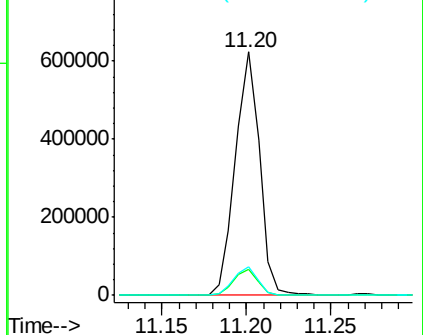
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094648.D
Acq: 26 Apr 2017 15:52

Instrument :
BNA_F
ClientSampleId :
HW-12-42017RE

Tot Ion:188 Resp: 624158
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.6 10.2 15.2

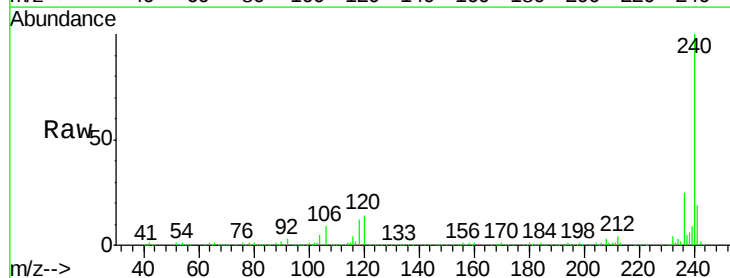


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

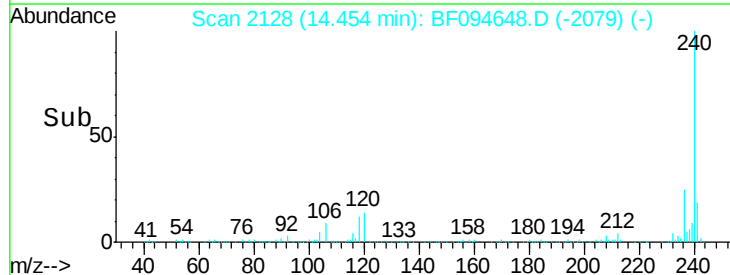
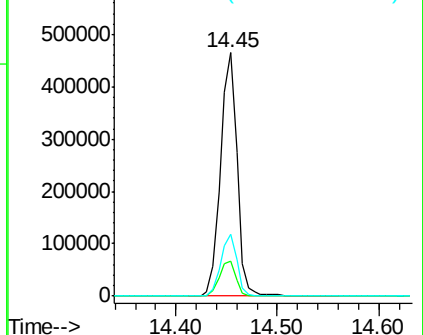


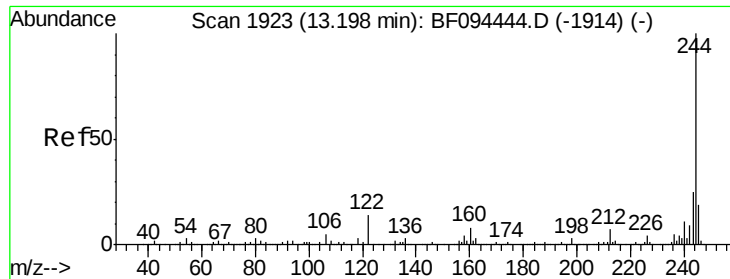
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF094648.D
Acq: 26 Apr 2017 15:52

Tgt Ion:240 Resp: 528498
Ion Ratio Lower Upper
240 100
120 14.1 5.8 8.8#
236 25.4 20.5 30.7



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

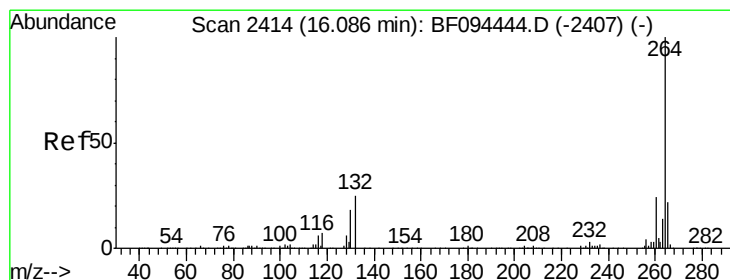
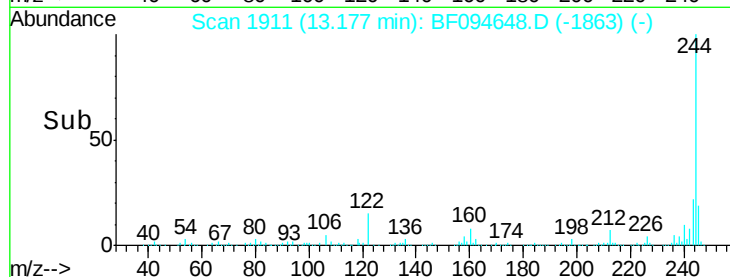
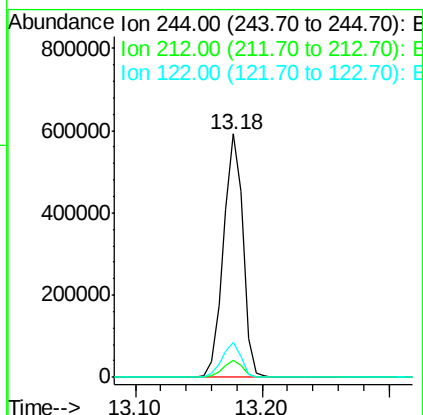
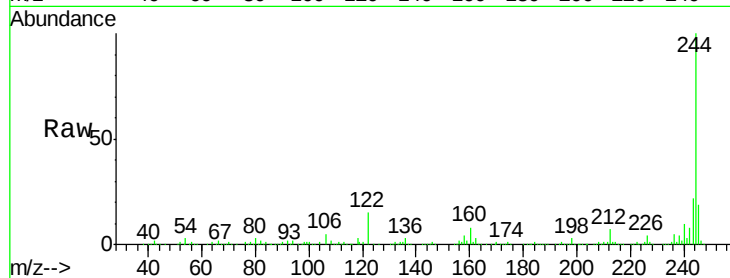




#78
 Terphenyl-d14
 Concen: 31.90 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BF094648.D
 Acq: 26 Apr 2017 15:52

Instrument :
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 HW-12-42017RE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.6	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BF094648.D
 Acq: 26 Apr 2017 15:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.1	17.2	25.8

