

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
 Data File : BF086315.D
 Acq On : 20 Apr 2016 18:16
 Operator : UM/SJ
 Sample : H2625-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Quant Time: Apr 21 01:26:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:45:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	264355	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	1095386	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	459311	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	744264	20.00	ng	-0.03
75) Chrysene-d12	14.01	240	439381	20.00	ng	-0.05
86) Perylene-d12	15.44	264	427158	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1044301	68.92	ng	-0.02
7) Phenol-d6	6.49	99	928605	46.83	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1581125	82.67	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	478729	133.72	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2492644	110.67	ng	-0.03
78) Terphenyl-d14	12.97	244	1514172	82.03	ng	-0.03

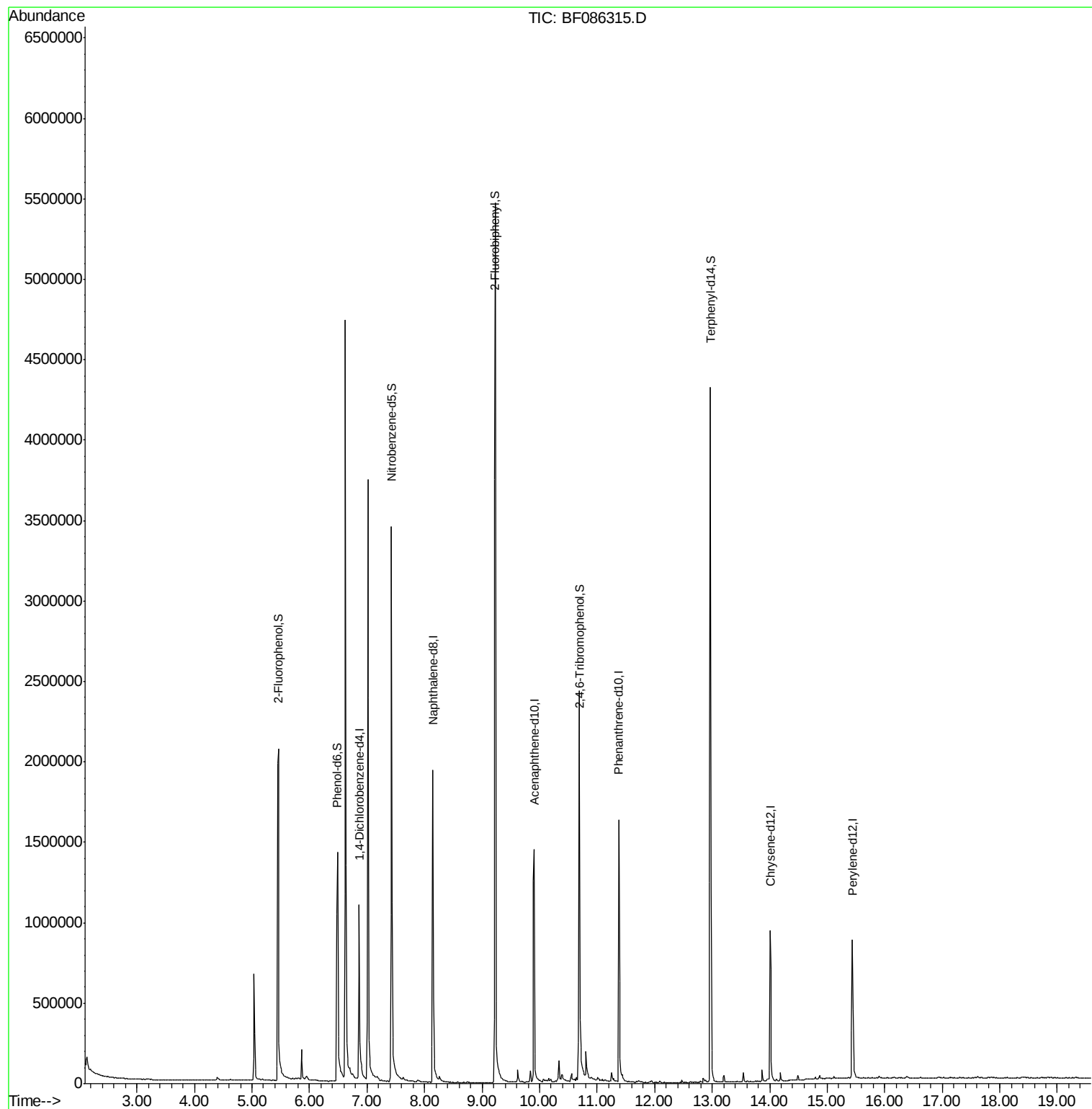
Target Compounds Qvalue

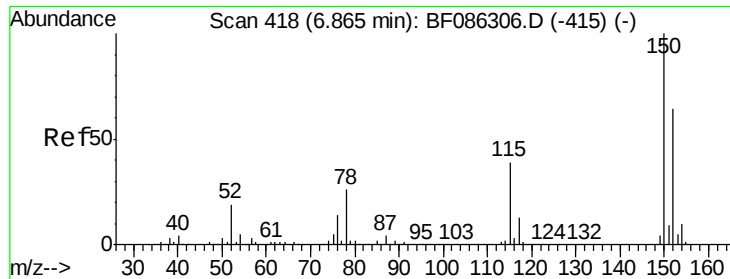
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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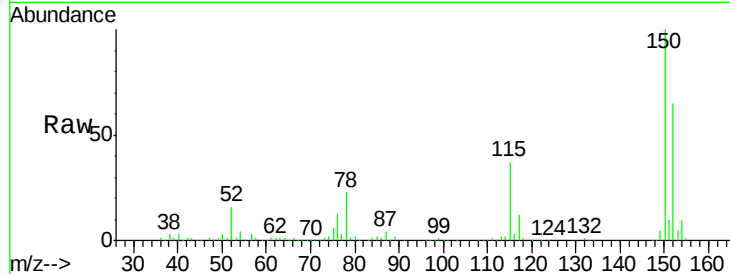


#1

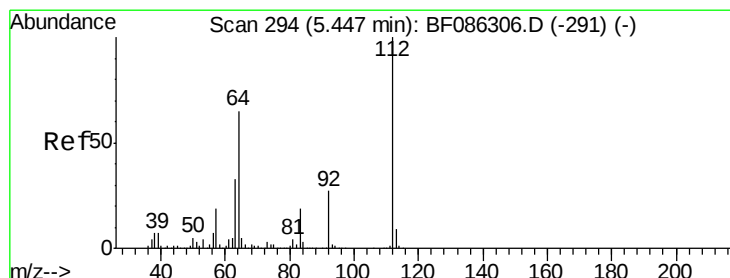
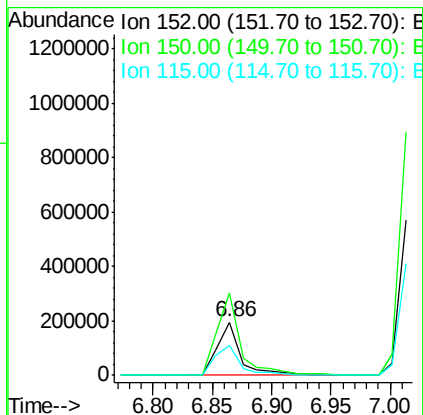
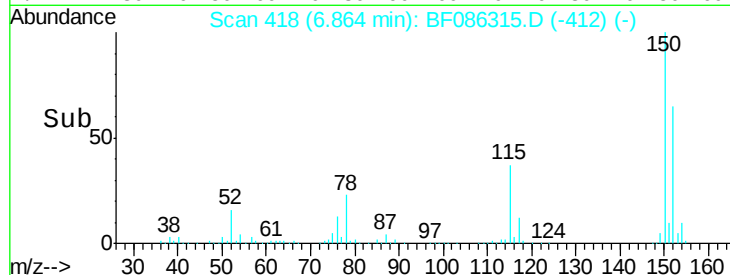
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF086315.D
Acq: 20 Apr 2016 18:16

Instrument :
BNA_F
ClientSampleId :
MW-6

Tot Ion:152 Resp: 264355
Ion Ratio Lower Upper
152 100
150 154.7 124.1 186.1
115 57.3 43.9 65.9



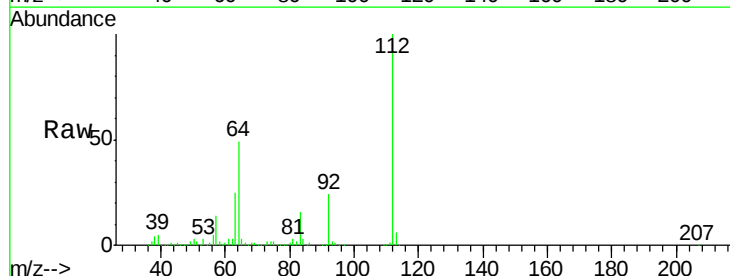
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



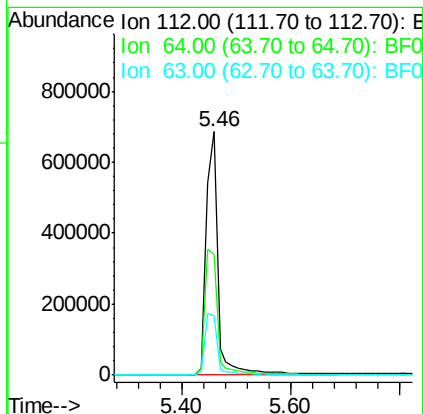
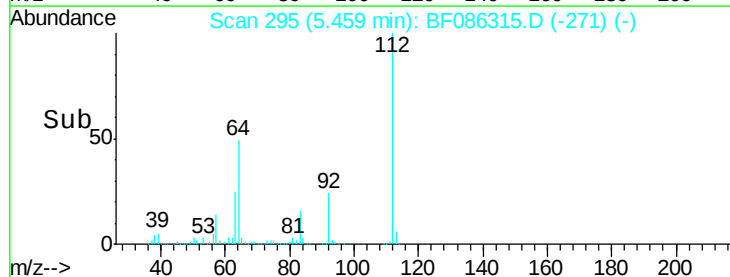
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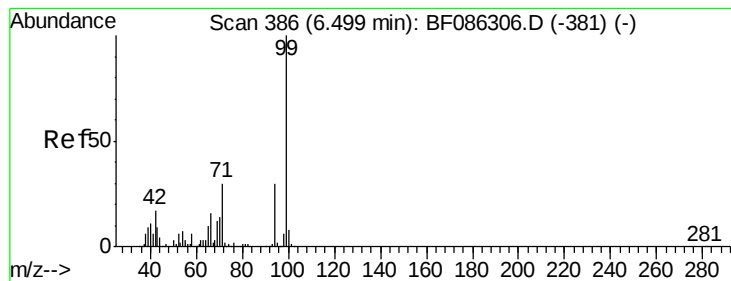
2-Fluorophenol
Concen: 68.92 ng
RT: 5.46 min Scan# 295
Delta R.T. -0.02 min
Lab File: BF086315.D
Acq: 20 Apr 2016 18:16

Tgt Ion:112 Resp: 1044301
Ion Ratio Lower Upper
112 100
64 49.4 48.1 72.1
63 24.5 25.5 38.3#



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: 46.83 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.03 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

Instrument :

BNA_F

ClientSampleId :

MW-6

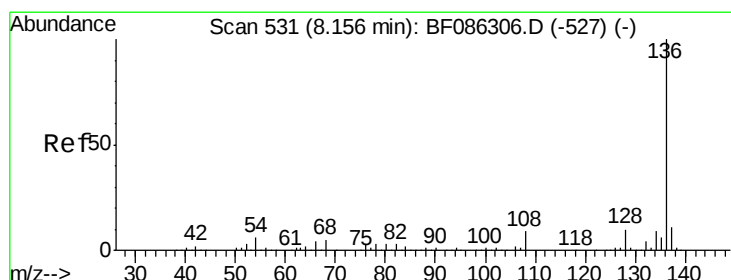
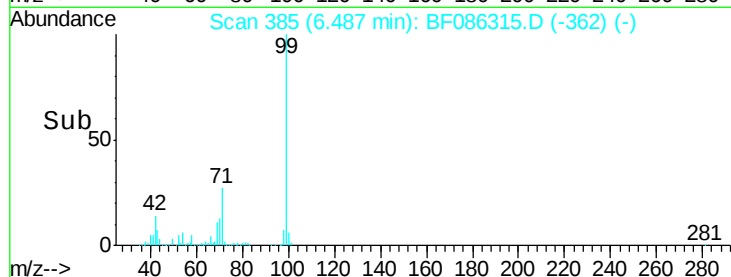
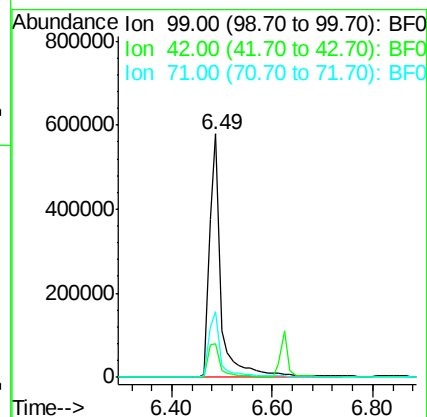
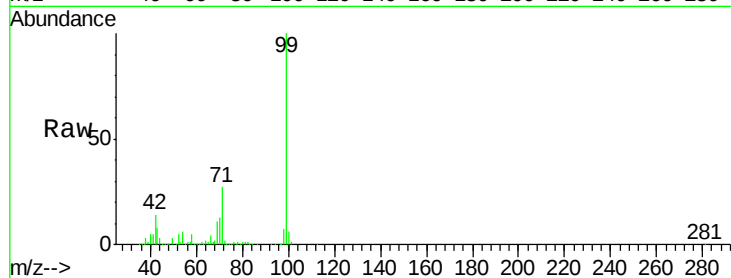
Tot Ion: 99 Resp: 928605

Ion Ratio Lower Upper

99 100

42 14.0 15.4 23.2#

71 27.1 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

Tgt Ion: 136 Resp: 1095386

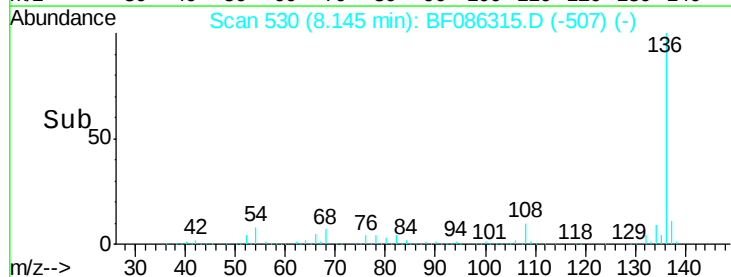
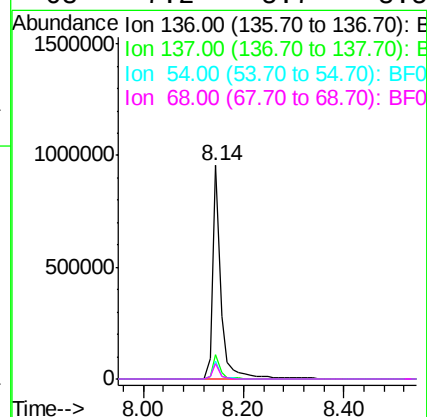
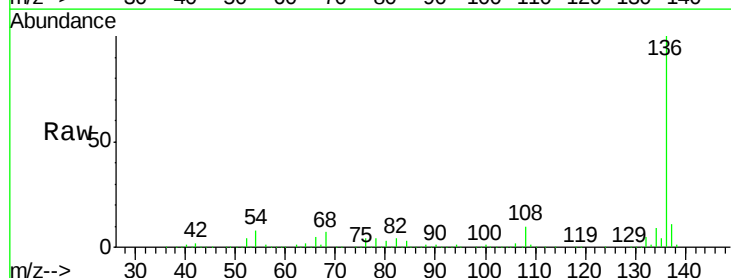
Ion Ratio Lower Upper

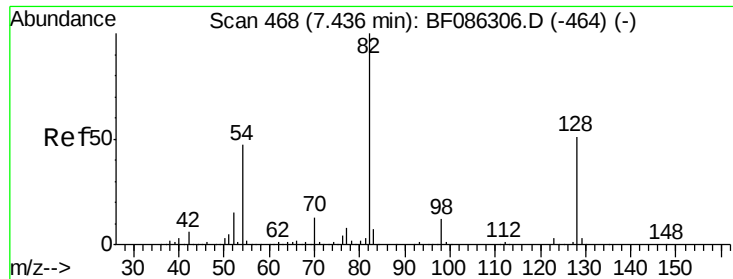
136 100

137 11.2 9.1 13.7

54 8.3 7.3 10.9

68 7.2 5.7 8.5

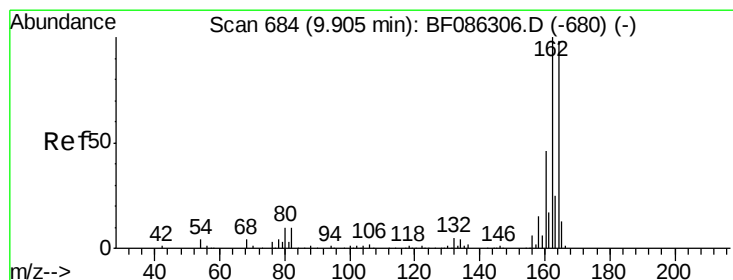
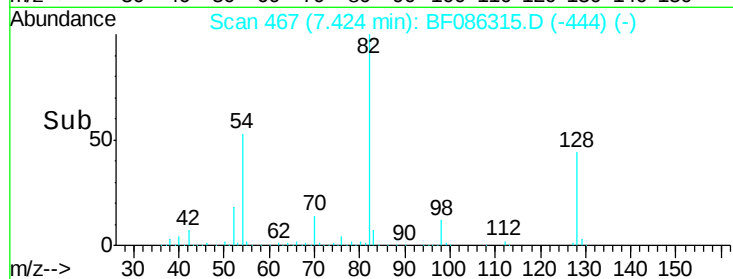
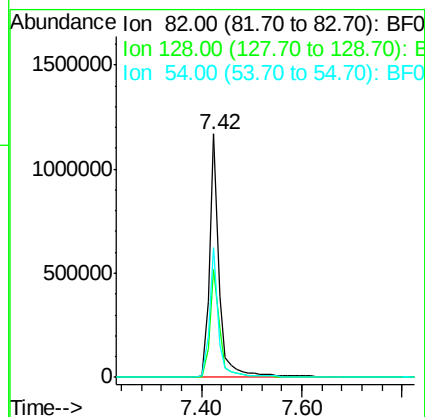
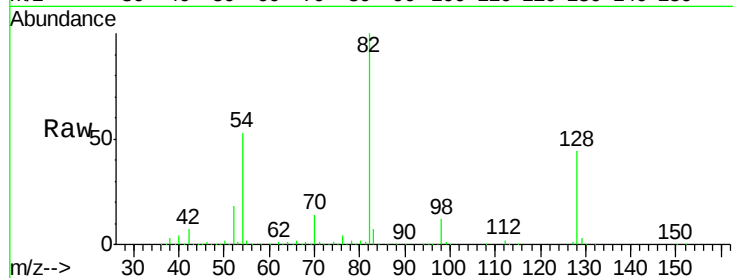




#23
 Nitrobenzene-d5
 Concen: 82.67 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.03 min
 Lab File: BF086315.D
 Acq: 20 Apr 2016 18:16

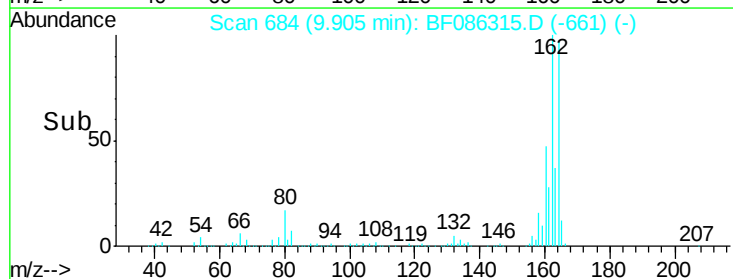
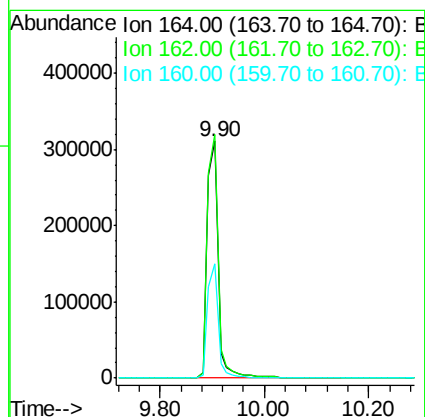
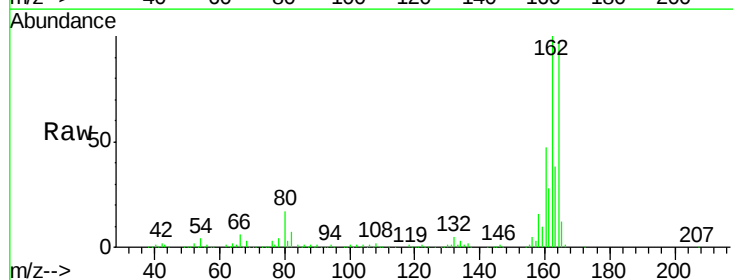
Instrument :
 BNA_F
 ClientSampleId :
 MW-6

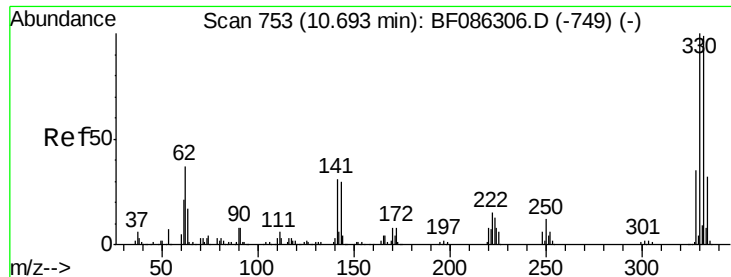
Tot Ion: 82 Resp: 1581125
 Ion Ratio Lower Upper
 82 100
 128 44.2 35.4 53.2
 54 53.0 43.4 65.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.03 min
 Lab File: BF086315.D
 Acq: 20 Apr 2016 18:16

Tgt Ion:164 Resp: 459311
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.8 124.2
 160 48.4 38.9 58.3

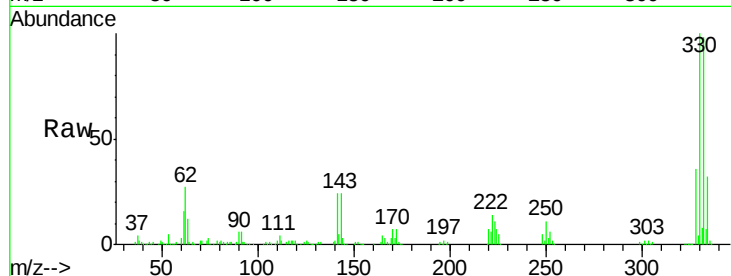




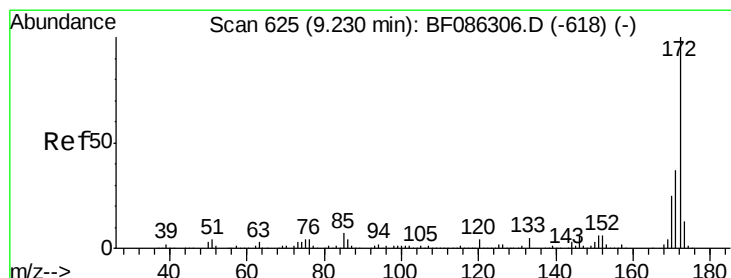
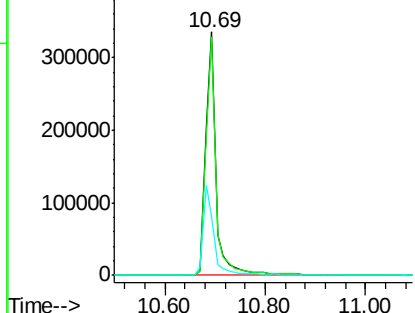
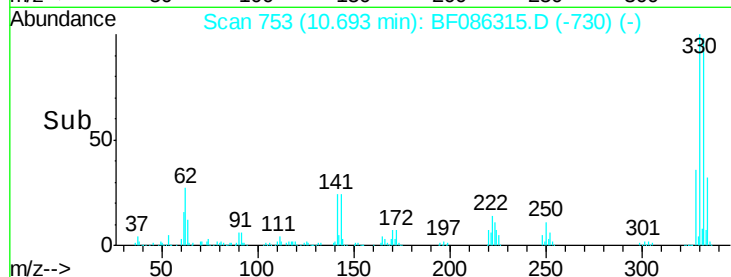
#41
 2,4,6-Tribromophenol
 Concen: 133.72 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086315.D
 Acq: 20 Apr 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.7	118.1
141	38.9	28.6	42.8

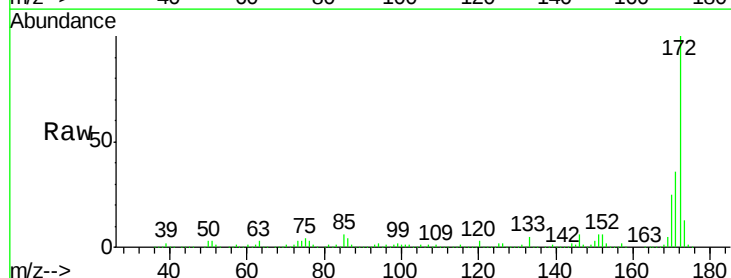


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

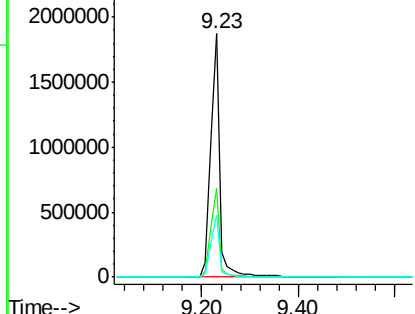
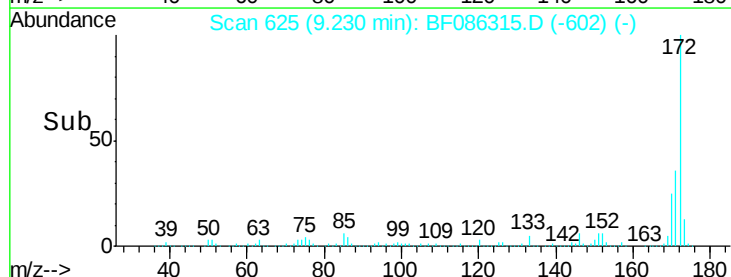


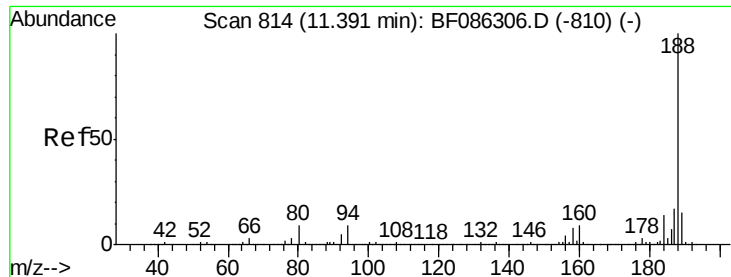
#44
 2-Fluorobiphenyl
 Concen: 110.67 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086315.D
 Acq: 20 Apr 2016 18:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.1	43.7
170	25.4	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

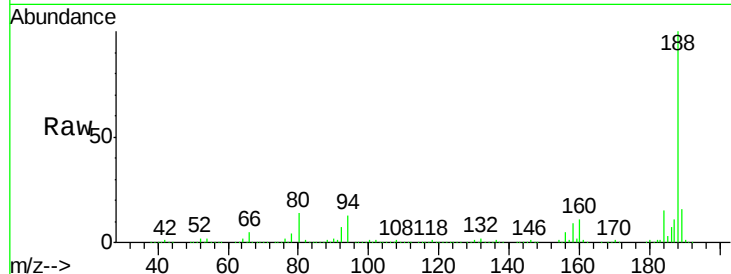




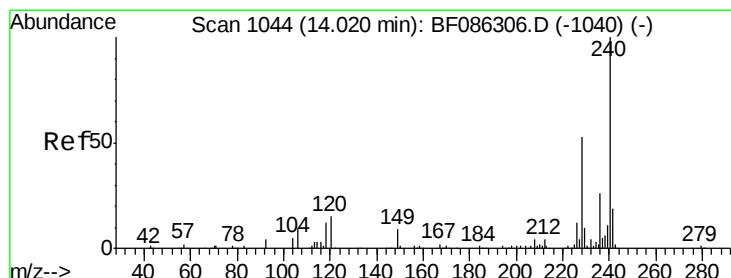
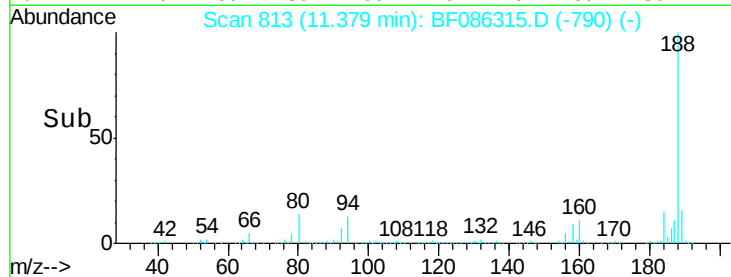
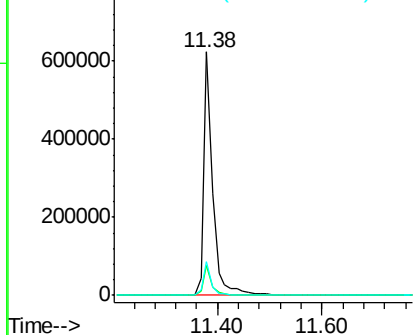
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF086315.D
Acq: 20 Apr 2016 18:16

Instrument :
BNA_F
ClientSampleId :
MW-6

Tot Ion:188 Resp: 744264
Ion Ratio Lower Upper
188 100
94 12.5 9.8 14.8
80 13.8 10.5 15.7

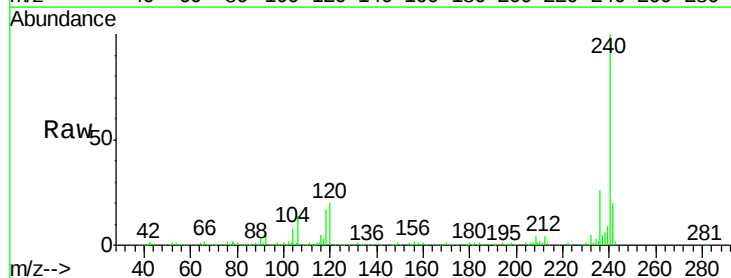


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

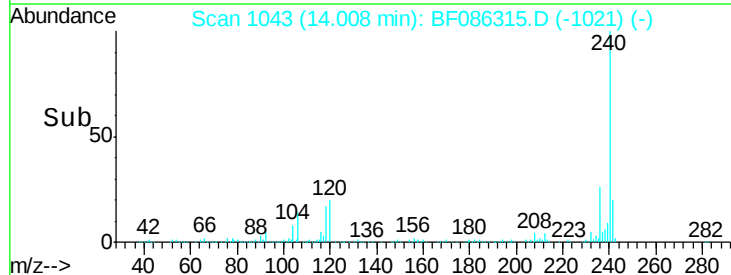
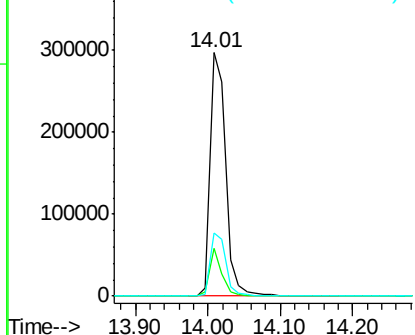


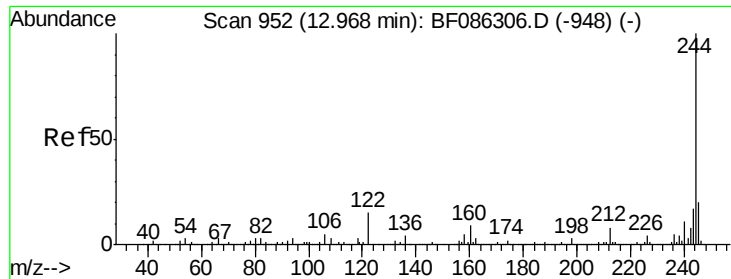
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF086315.D
Acq: 20 Apr 2016 18:16

Tgt Ion:240 Resp: 439381
Ion Ratio Lower Upper
240 100
120 19.6 9.3 13.9#
236 25.8 21.1 31.7



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

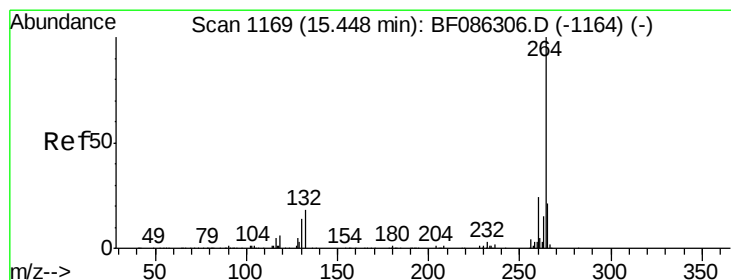
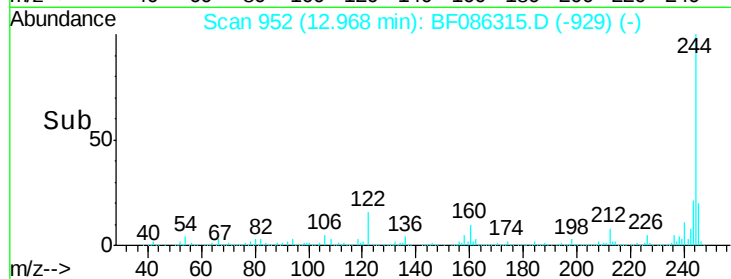
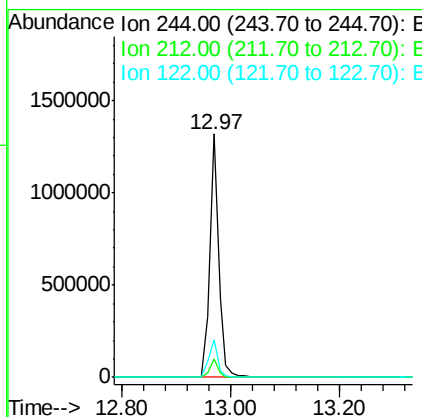
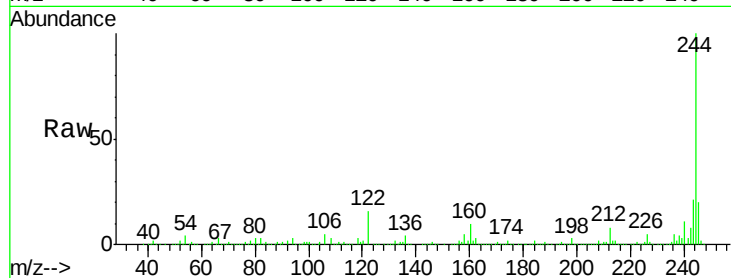




#78
 Terphenyl-d14
 Concen: 82.03 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF086315.D
 Acq: 20 Apr 2016 18:16

Instrument :
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 ClientSampleId :
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Tot Ion:244 Resp: 1514172
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 15.7 11.7 17.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.05 min
 Lab File: BF086315.D
 Acq: 20 Apr 2016 18:16

Tgt Ion:264 Resp: 427158
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.0 30.0
 265 22.1 17.4 26.0

