

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087942.D
 Acq On : 12 Jun 2016 11:42
 Operator : UM/SJ
 Sample : H3425-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2

Quant Time: Jun 13 02:26:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 02:17:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	109824	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	466157	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	217820	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	428935	20.00	ng	0.00
75) Chrysene-d12	13.95	240	320852	20.00	ng	-0.01
86) Perylene-d12	15.37	264	243283	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	412522	64.21	ng	0.00
7) Phenol-d6	6.43	99	347623	44.65	ng	-0.01
23) Nitrobenzene-d5	7.37	82	699800	87.66	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	244088	106.13	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1143823	82.32	ng	-0.01
78) Terphenyl-d14	12.91	244	1008229	71.51	ng	-0.01

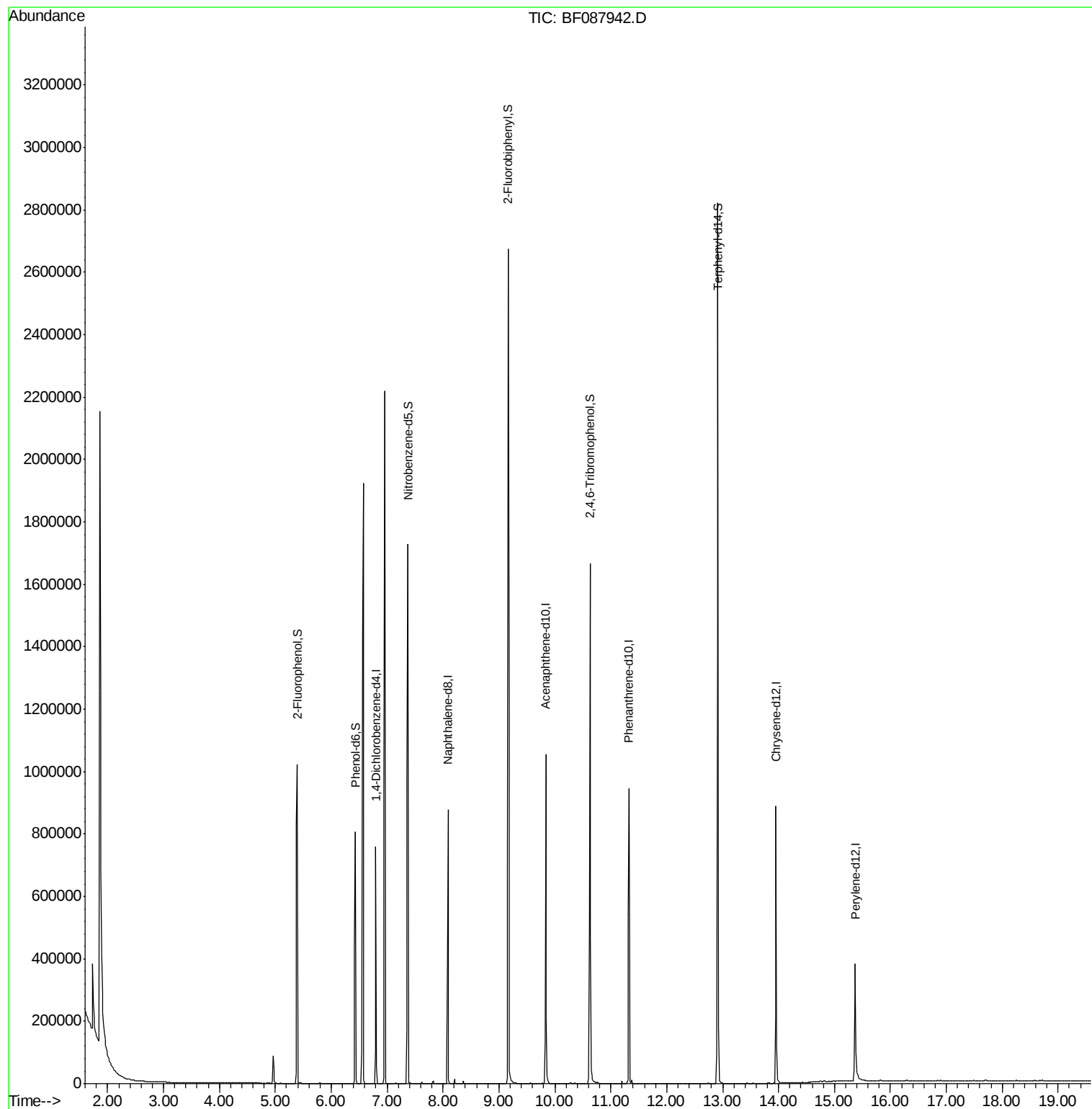
Target Compounds Qvalue

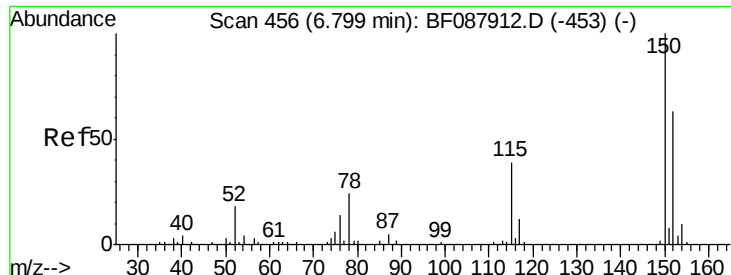
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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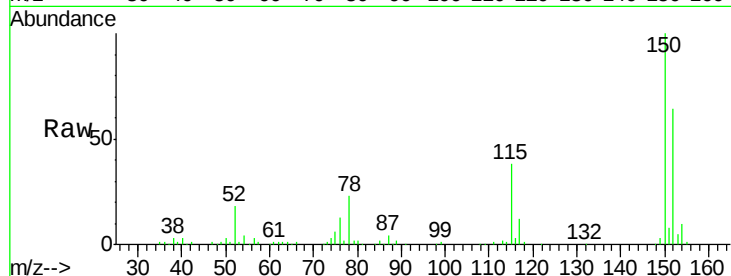


#1

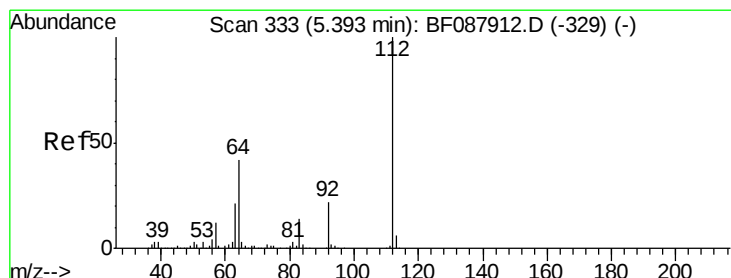
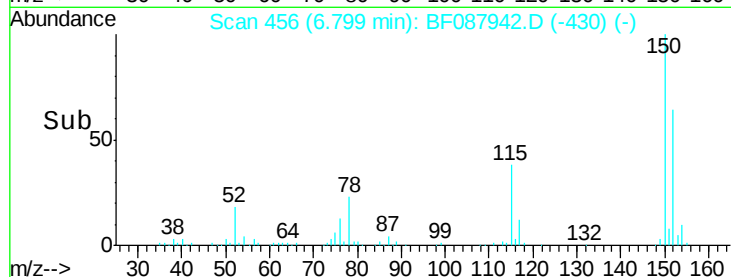
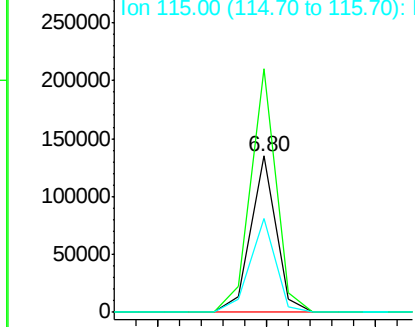
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF087942.D
 Acq: 12 Jun 2016 11:42

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.8	185.6
115	59.7	39.6	59.4



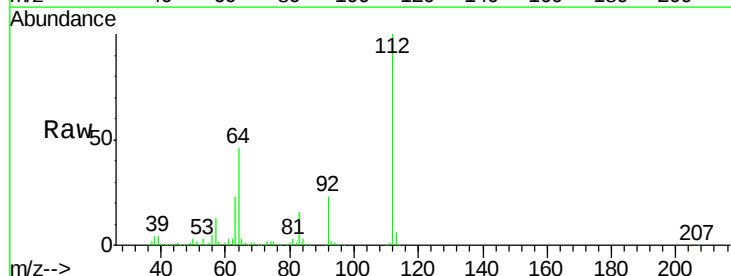
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



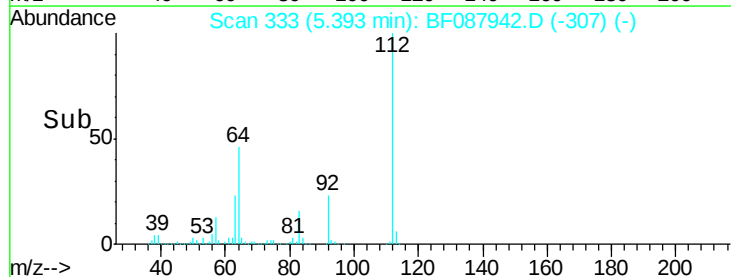
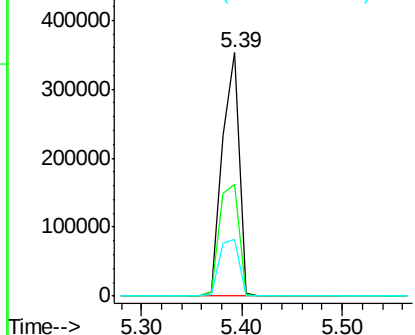
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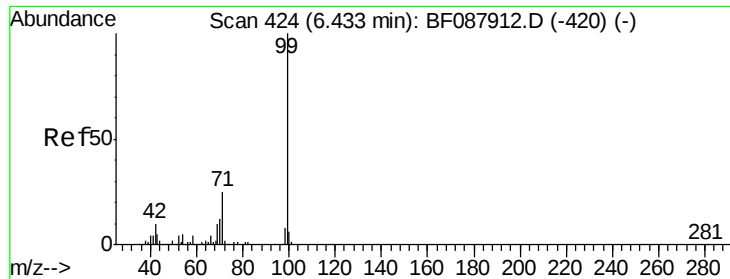
2-Fluorophenol
 Concen: 64.21 ng
 RT: 5.39 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: BF087942.D
 Acq: 12 Jun 2016 11:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.8	42.2	63.2
63	23.2	21.8	32.8



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: 44.65 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF087942.D

Acq: 12 Jun 2016 11:42

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2

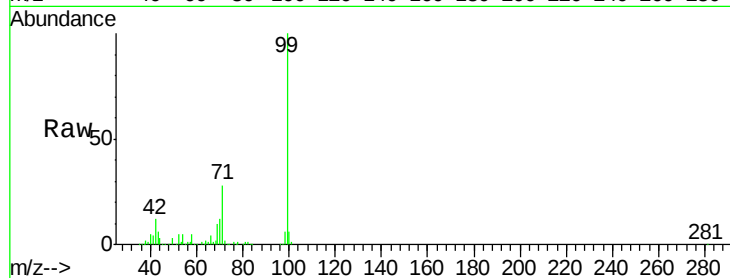
Tot Ion: 99 Resp: 347623

Ion Ratio Lower Upper

99 100

42 12.3 12.2 18.2

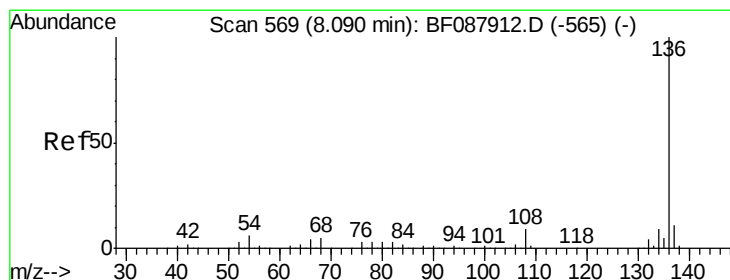
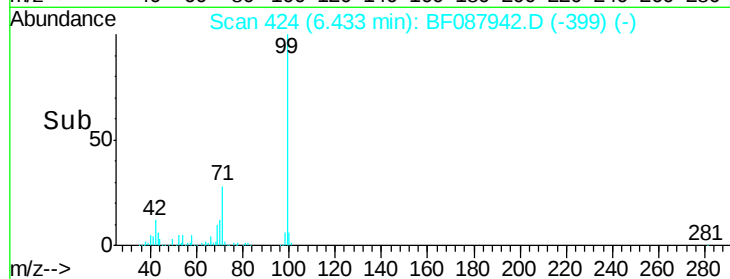
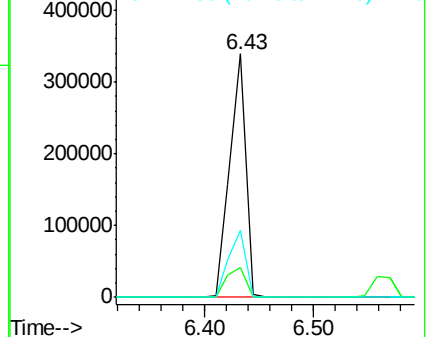
71 27.8 23.4 35.0



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: 8.09 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF087942.D

Acq: 12 Jun 2016 11:42

Tgt Ion: 136 Resp: 466157

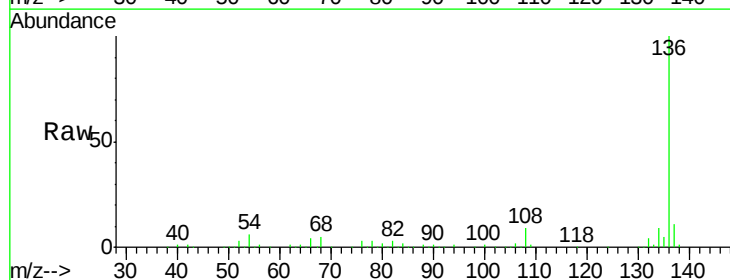
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.5 6.6 10.0#

68 4.9 5.1 7.7#

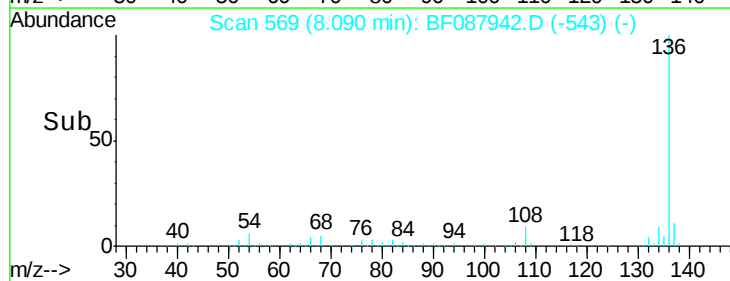
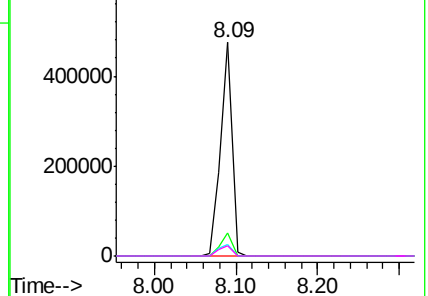


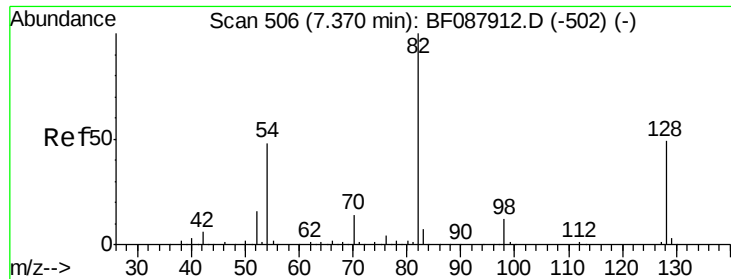
Abundance Ion 136.00 (135.70 to 136.70): E

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

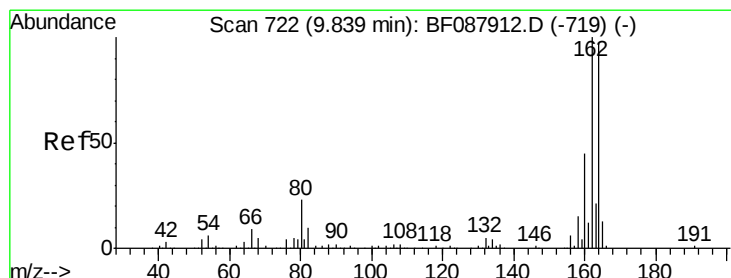
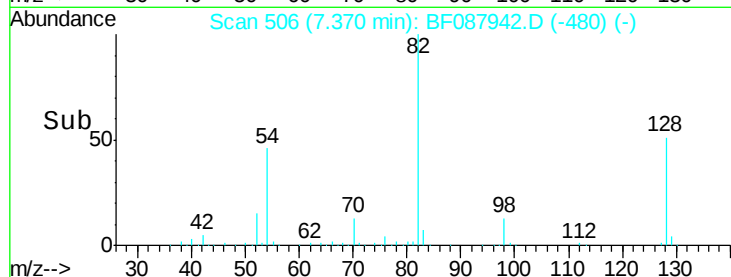
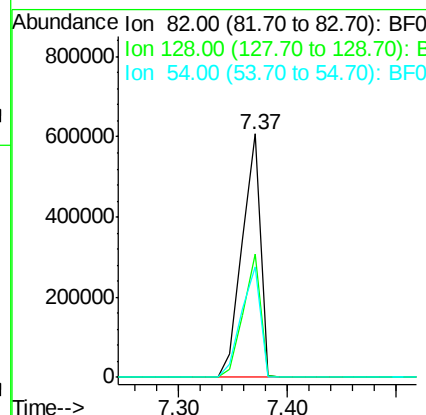
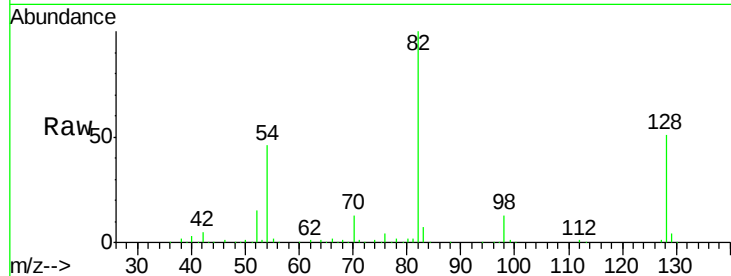




#23
 Nitrobenzene-d5
 Concen: 87.66 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF087942.D
 Acq: 12 Jun 2016 11:42

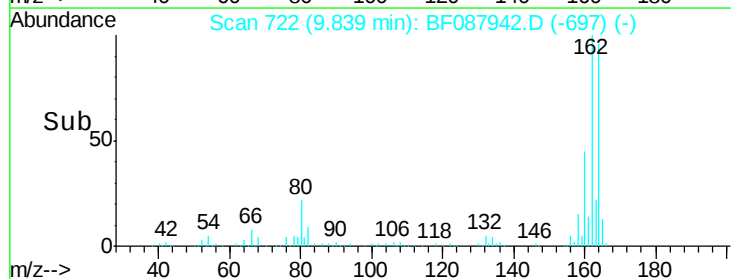
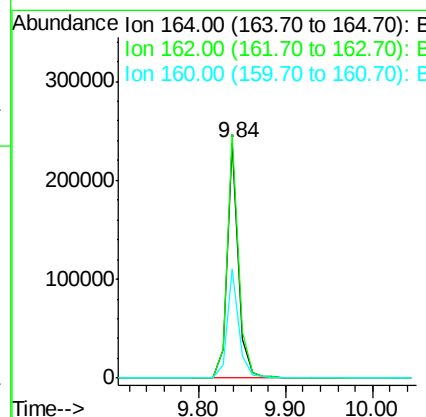
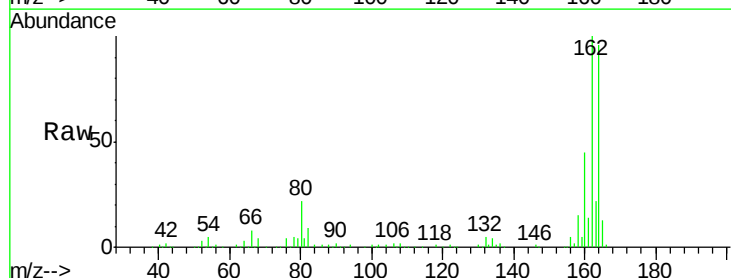
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2

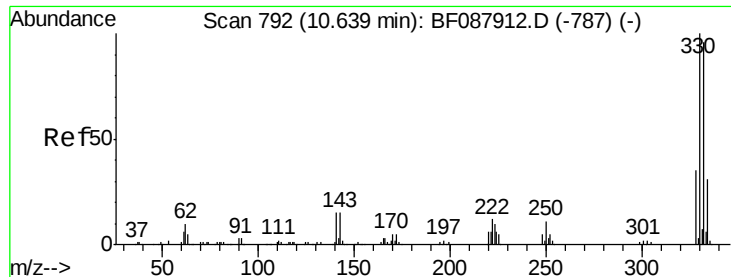
Tot Ion	82	Resp	699800
Ion Ratio	100	Lower	Upper
128	50.6	35.9	53.9
54	45.5	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF087942.D
 Acq: 12 Jun 2016 11:42

Tgt Ion	164	Resp	217820
Ion Ratio	100	Lower	Upper
162	103.7	85.4	128.2
160	46.8	39.5	59.3

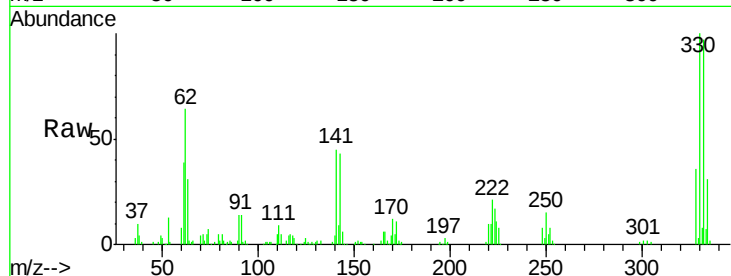




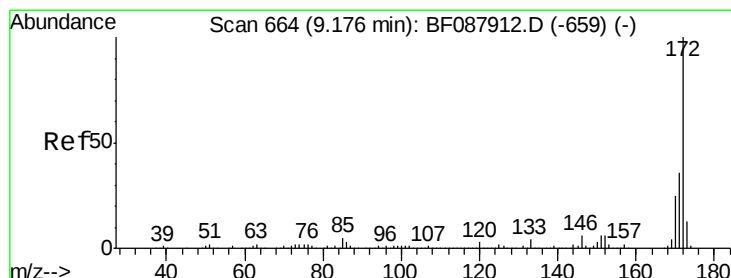
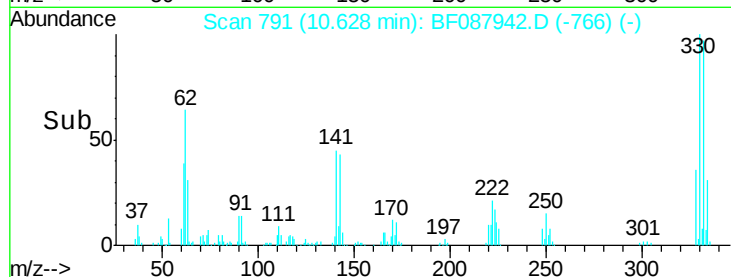
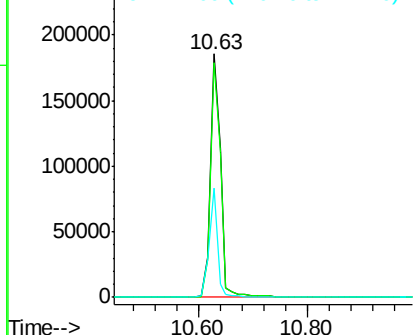
#41
 2,4,6-Tribromophenol
 Concen: 106.13 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF087942.D
 Acq: 12 Jun 2016 11:42

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2

Tot Ion:330 Resp: 244088
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 36.7 0.0 0.0#

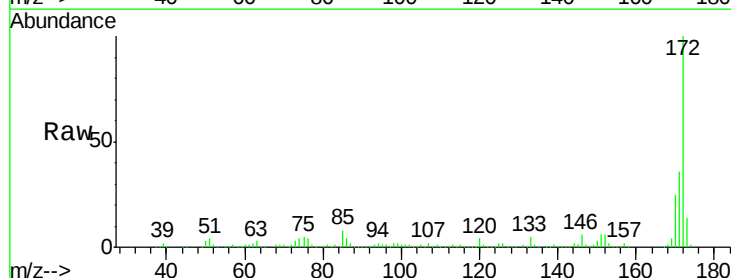


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

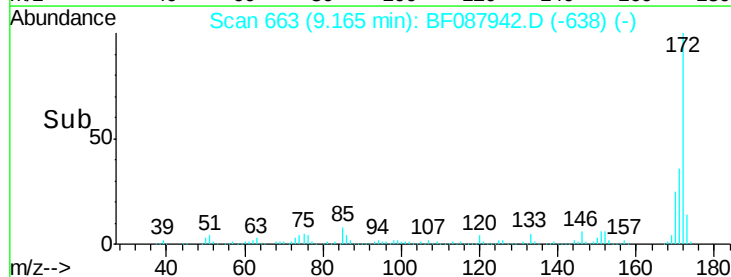
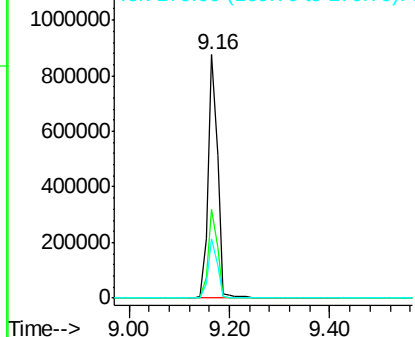


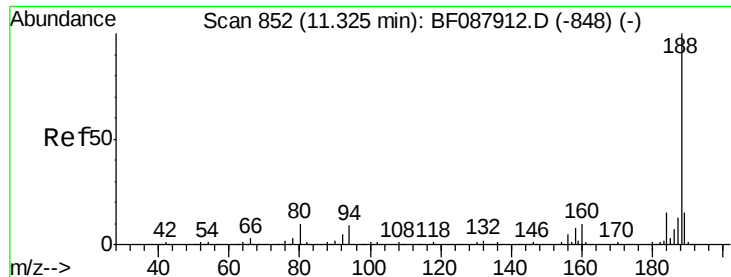
#44
 2-Fluorobiphenyl
 Concen: 82.32 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF087942.D
 Acq: 12 Jun 2016 11:42

Tgt Ion:172 Resp: 1143823
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.6 19.2 28.8



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

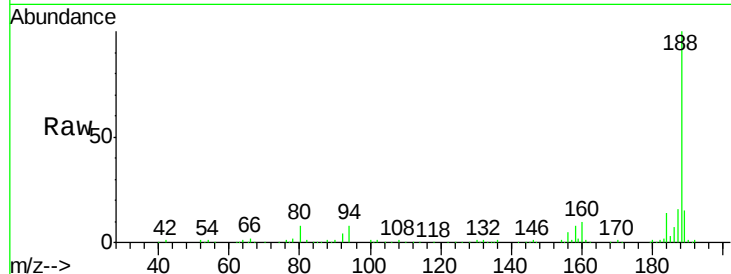




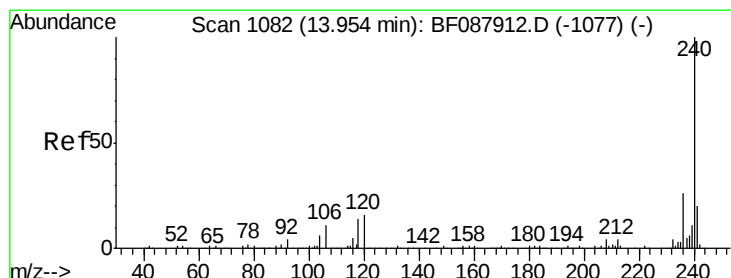
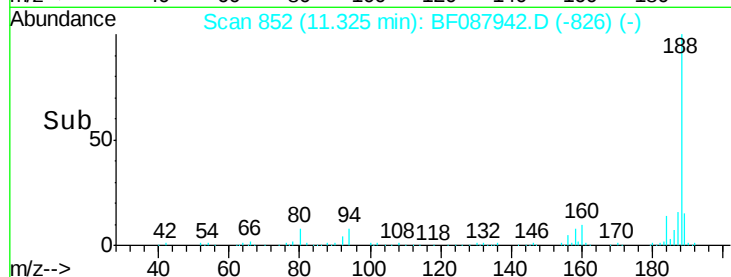
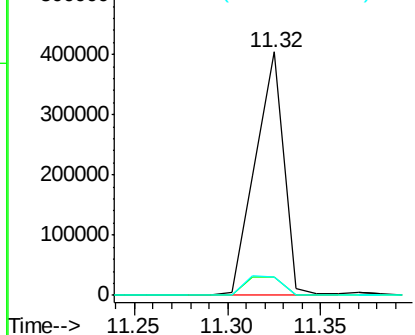
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF087942.D
 Acq: 12 Jun 2016 11:42

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2

Tot Ion:188 Resp: 428935
 Ion Ratio Lower Upper
 188 100
 94 7.6 9.0 13.6#
 80 7.8 10.0 15.0#

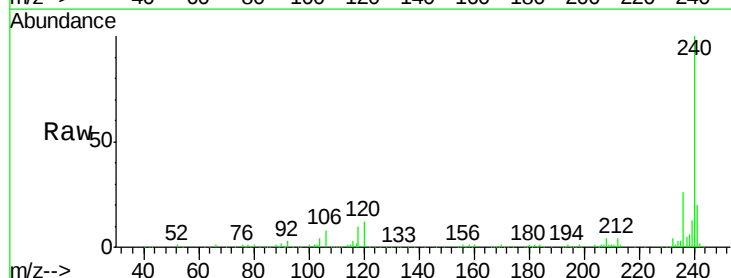


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

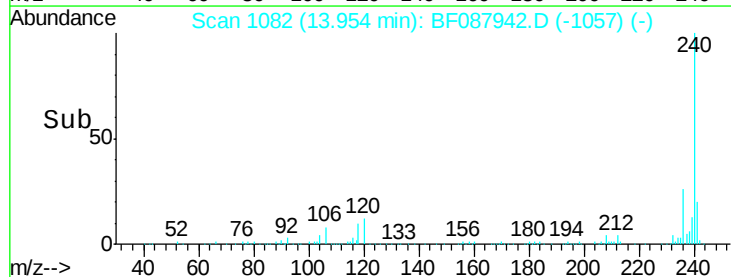
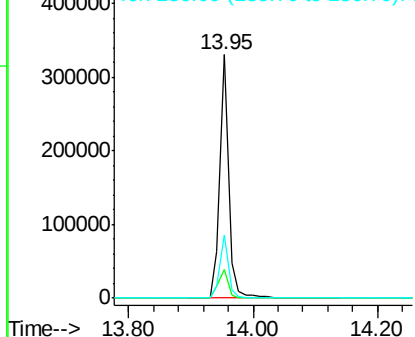


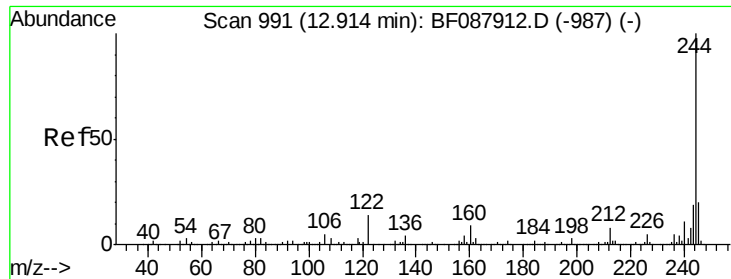
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF087942.D
 Acq: 12 Jun 2016 11:42

Tgt Ion:240 Resp: 320852
 Ion Ratio Lower Upper
 240 100
 120 11.9 6.8 10.2#
 236 25.7 20.2 30.2



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

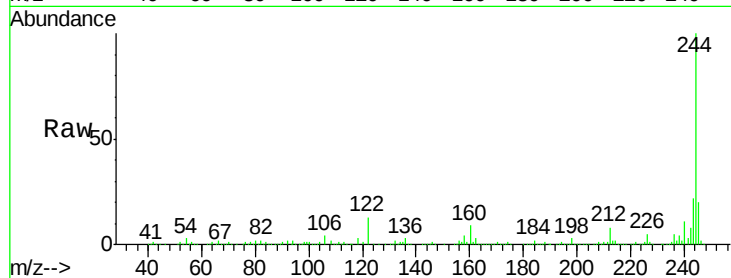




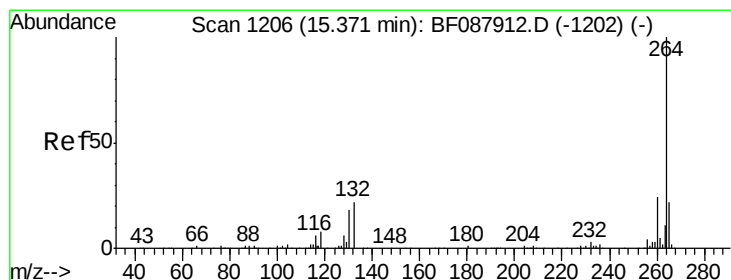
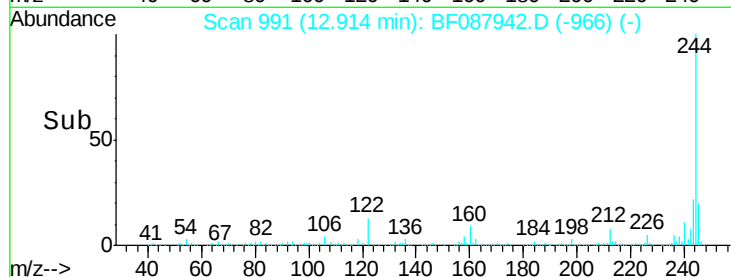
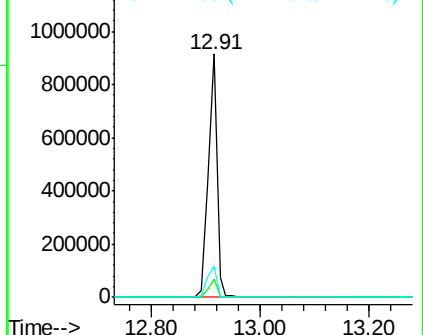
#78
 Terphenyl-d14
 Concen: 71.51 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF087942.D
 Acq: 12 Jun 2016 11:42

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2

Tot Ion:244 Resp: 1008229
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 12.8 11.2 16.8

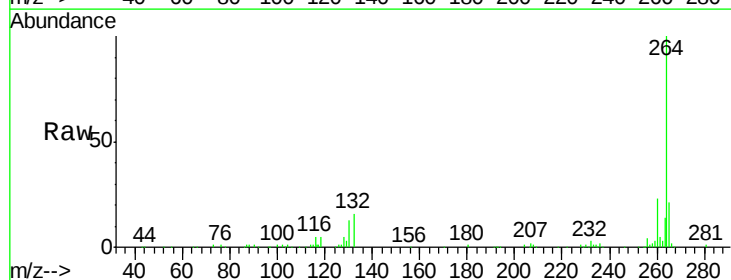


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF087942.D
 Acq: 12 Jun 2016 11:42

Tgt Ion:264 Resp: 243283
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.2 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

