

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087919.D
 Acq On : 11 Jun 2016 23:29
 Operator : UM/SJ
 Sample : H3362-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF3MW4

Quant Time: Jun 12 05:52:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	144213	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	615558	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	312944	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	643698	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	501744	20.00	ng	-0.03
86) Perylene-d12	15.37	264	414247	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	583790	69.20	ng	-0.03
7) Phenol-d6	6.43	99	504834	49.38	ng	-0.05
23) Nitrobenzene-d5	7.37	82	749388	71.09	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	361636	109.44	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1570121	78.39	ng	-0.03
78) Terphenyl-d14	12.91	244	1359910	61.68	ng	-0.03

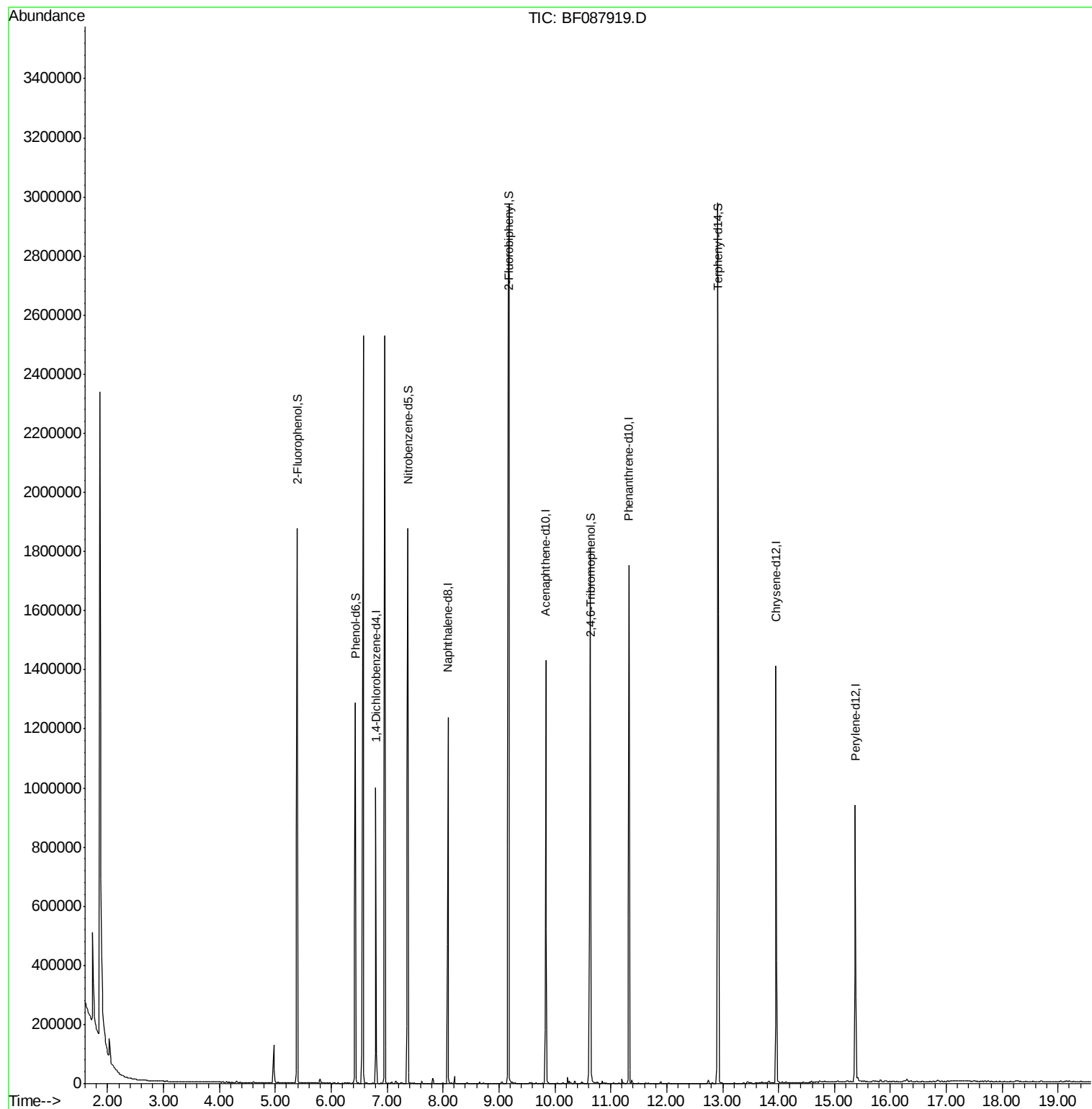
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF087919.D

Acq: 11 Jun 2016 23:29

Instrument :

BNA_F

ClientSampleId :

SP16-LF3MW4

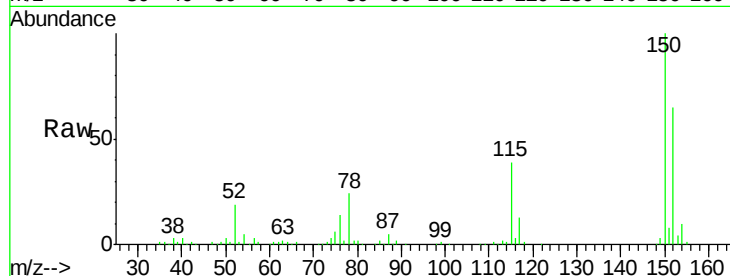
Tot Ion:152 Resp: 144213

Ion Ratio Lower Upper

152 100

150 154.4 123.8 185.6

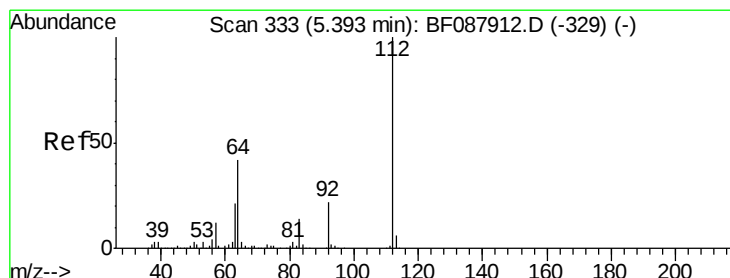
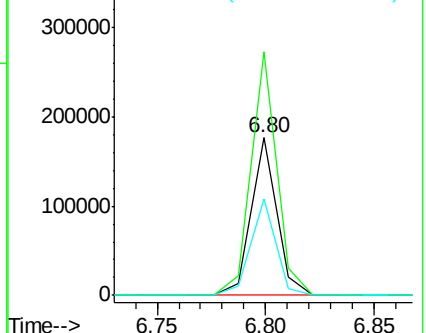
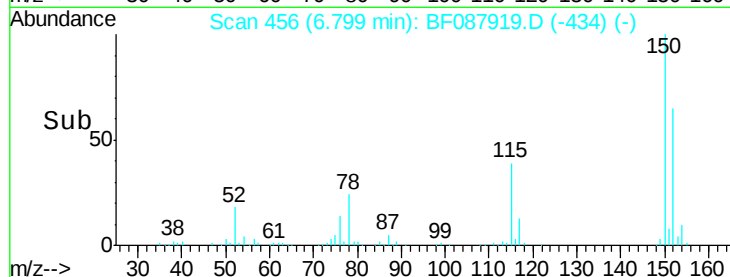
115 61.0 39.6 59.4#



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



#5

2-Fluorophenol

Concen: 69.20 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF087919.D

Acq: 11 Jun 2016 23:29

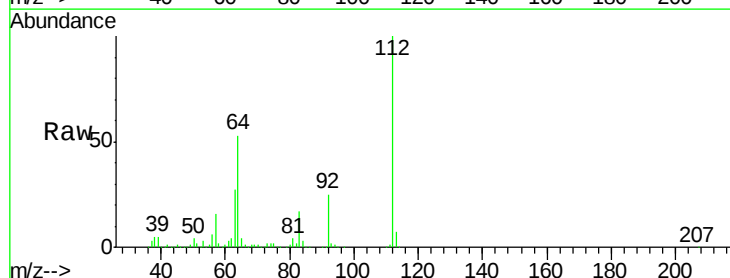
Tgt Ion:112 Resp: 583790

Ion Ratio Lower Upper

112 100

64 52.9 42.2 63.2

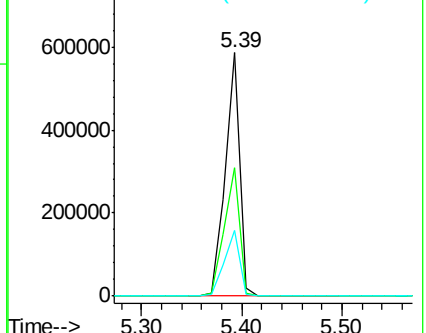
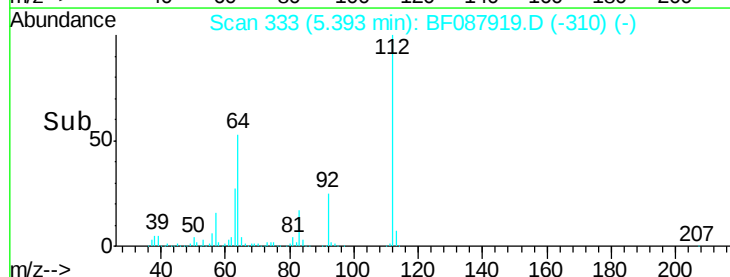
63 27.1 21.8 32.8



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: 49.38 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.05 min

Lab File: BF087919.D

Acq: 11 Jun 2016 23:29

Instrument :

BNA_F

ClientSampleId :

SP16-LF3MW4

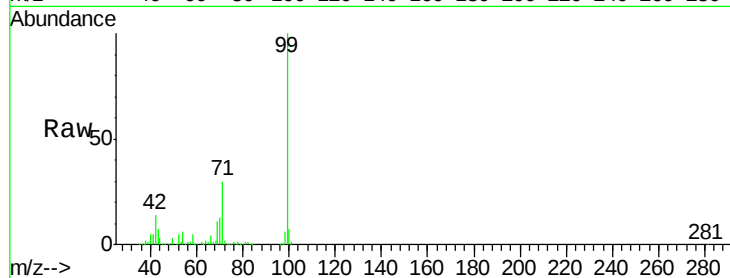
Tot Ion: 99 Resp: 504834

Ion Ratio Lower Upper

99 100

42 14.1 12.2 18.2

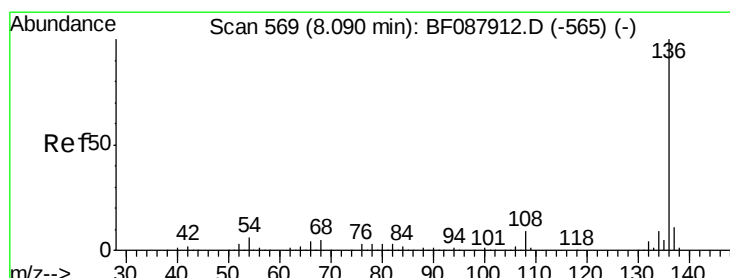
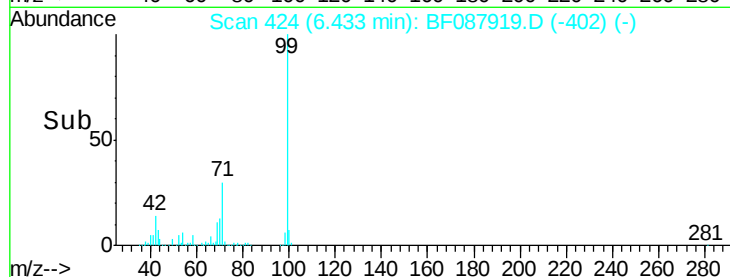
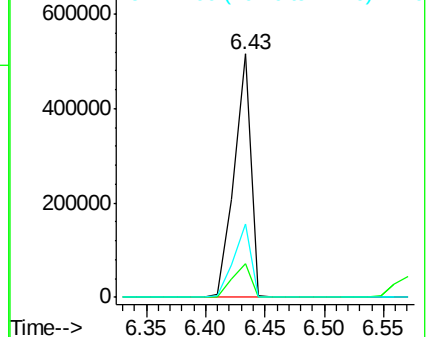
71 30.3 23.4 35.0



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. -0.03 min

Lab File: BF087919.D

Acq: 11 Jun 2016 23:29

Tgt Ion: 136 Resp: 615558

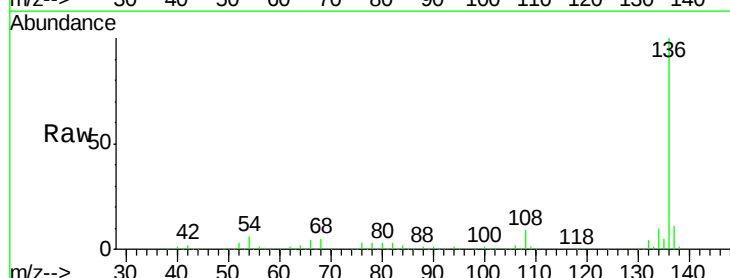
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.4 6.6 10.0#

68 5.2 5.1 7.7

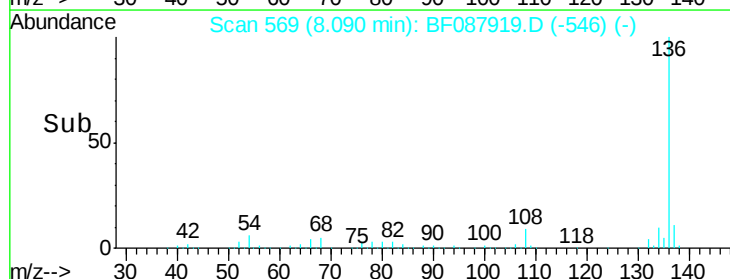
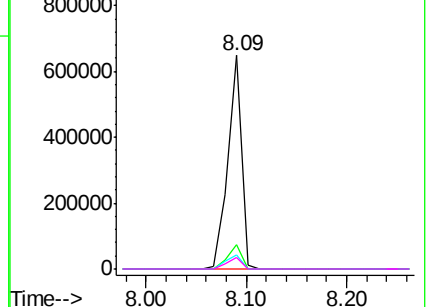


Abundance Ion 136.00 (135.70 to 136.70): E

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

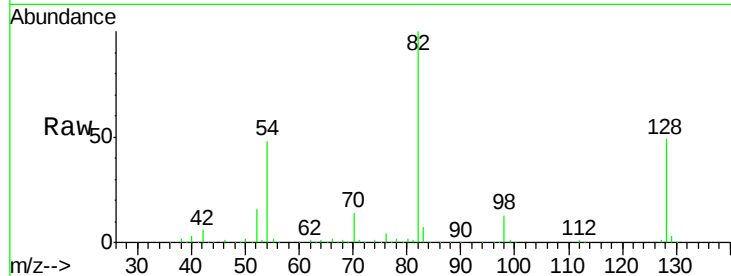




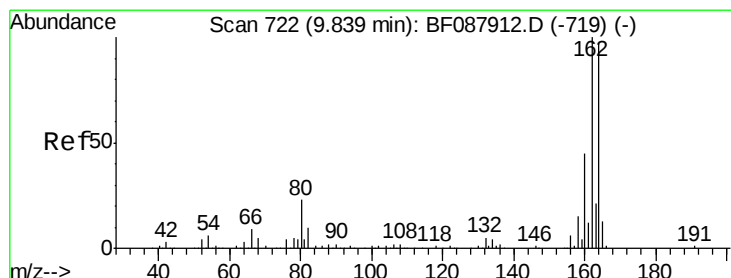
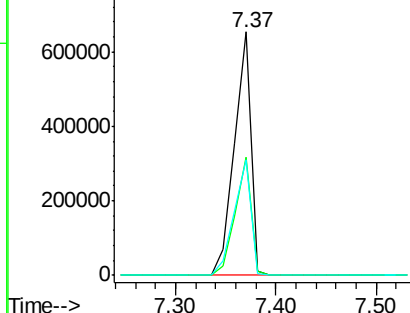
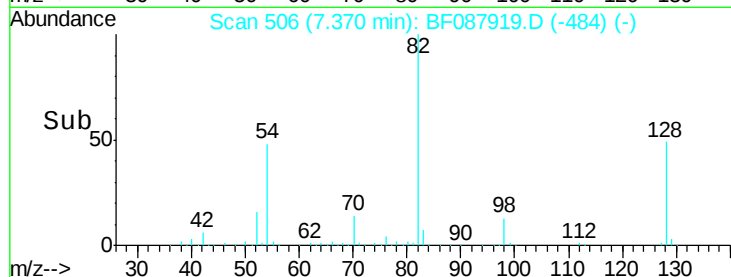
#23
 Nitrobenzene-d5
 Concen: 71.09 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF087919.D
 Acq: 11 Jun 2016 23:29

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF3MW4

Tot Ion	82	Resp	749388
Ion Ratio	100	Lower	Upper
128	48.5	35.9	53.9
54	47.6	40.9	61.3

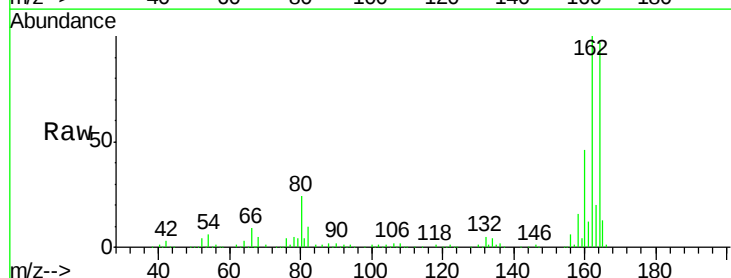


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

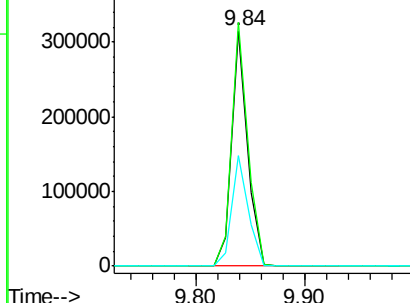
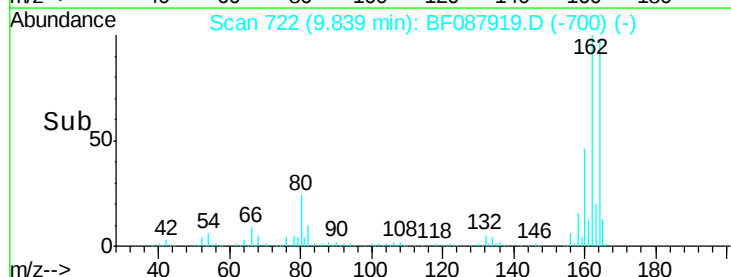


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.05 min
 Lab File: BF087919.D
 Acq: 11 Jun 2016 23:29

Tgt Ion	164	Resp	312944
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.6	85.4	128.2
160	47.3	39.5	59.3



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

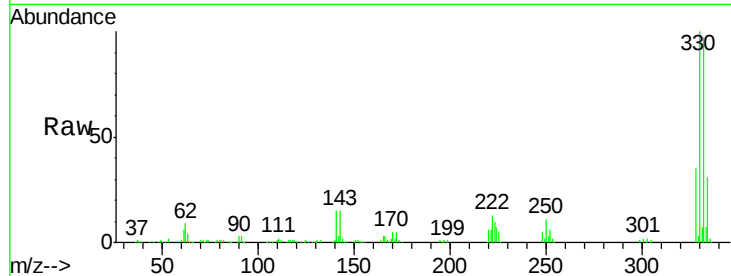




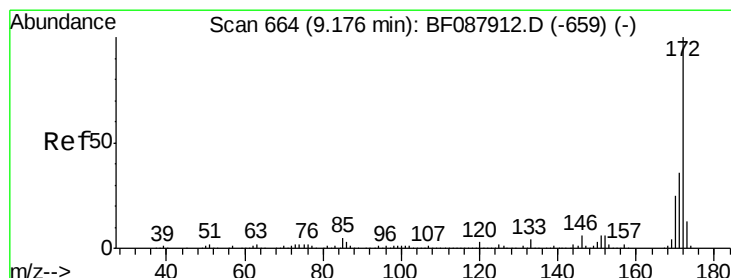
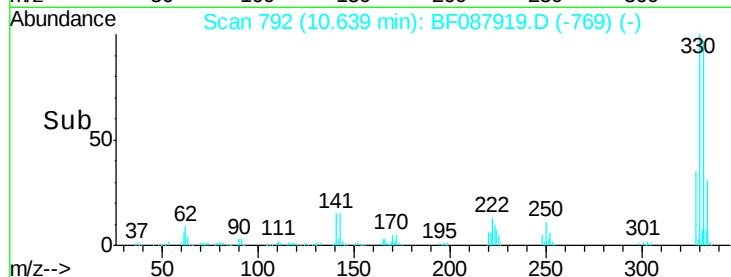
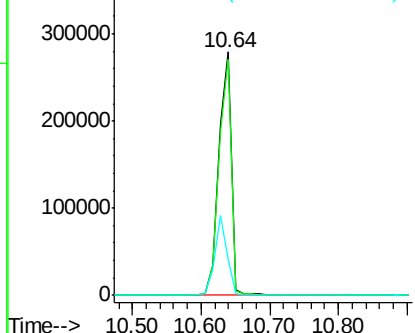
#41
 2,4,6-Tribromophenol
 Concen: 109.44 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087919.D
 Acq: 11 Jun 2016 23:29

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF3MW4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	32.0	0.0	0.0#

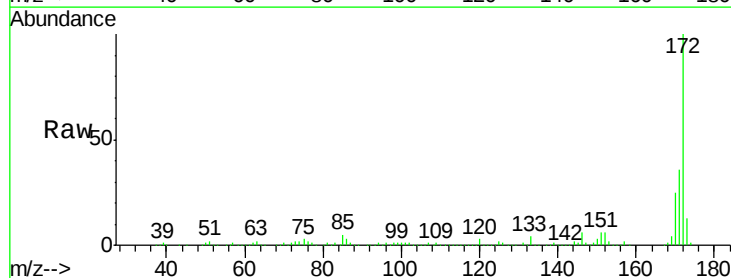


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

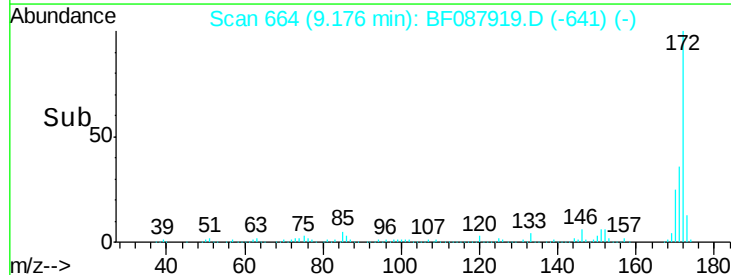
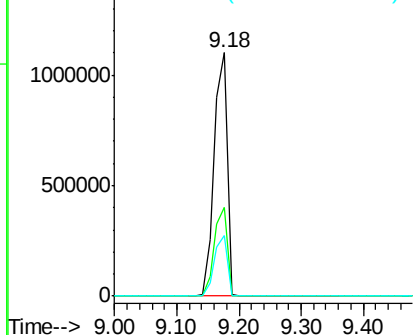


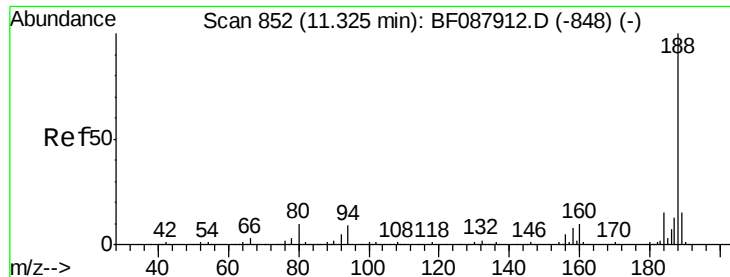
#44
 2-Fluorobiphenyl
 Concen: 78.39 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087919.D
 Acq: 11 Jun 2016 23:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.7	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

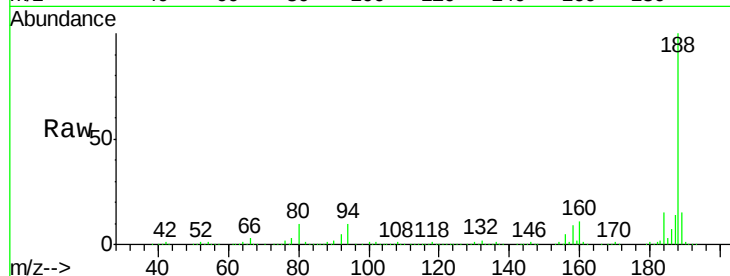




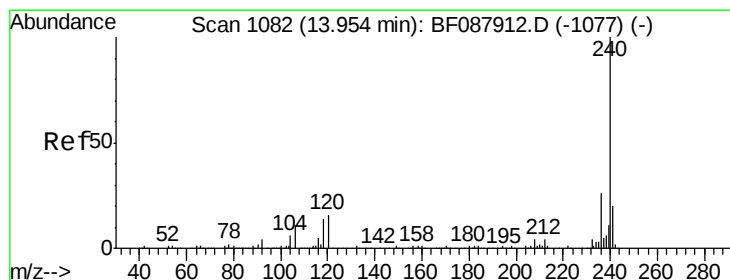
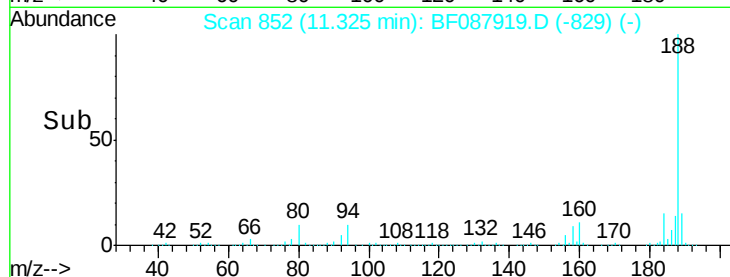
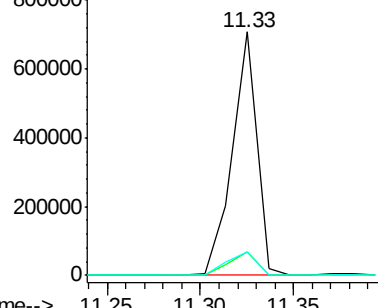
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087919.D
Acq: 11 Jun 2016 23:29

Instrument :
BNA_F
ClientSampleId :
SP16-LF3MW4

Tot Ion:188 Resp: 643698
Ion Ratio Lower Upper
188 100
94 9.6 9.0 13.6
80 9.8 10.0 15.0#

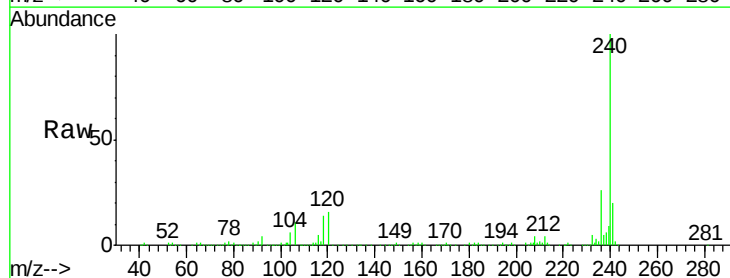


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

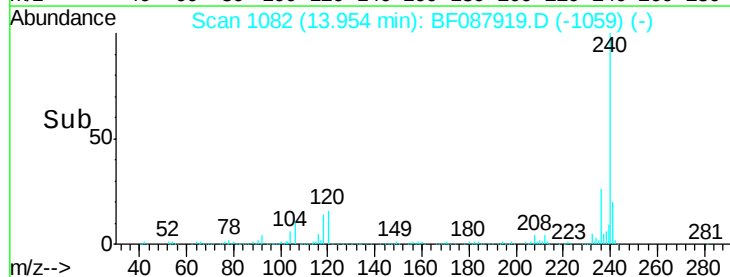
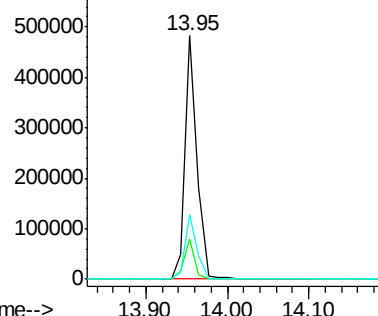


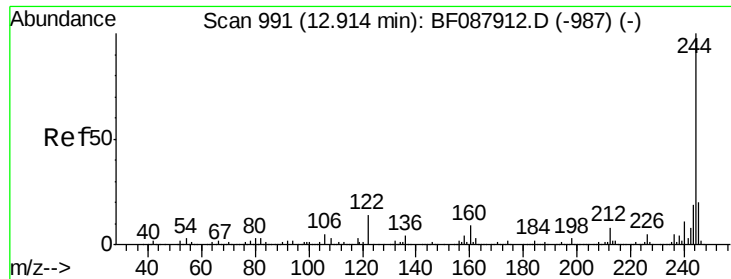
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087919.D
Acq: 11 Jun 2016 23:29

Tgt Ion:240 Resp: 501744
Ion Ratio Lower Upper
240 100
120 16.3 6.8 10.2#
236 26.5 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

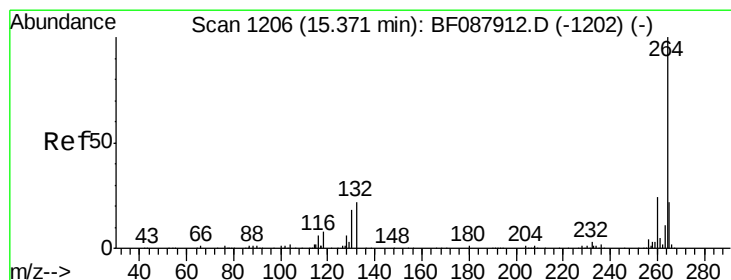
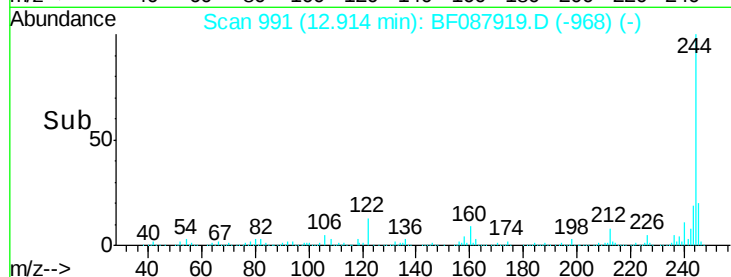
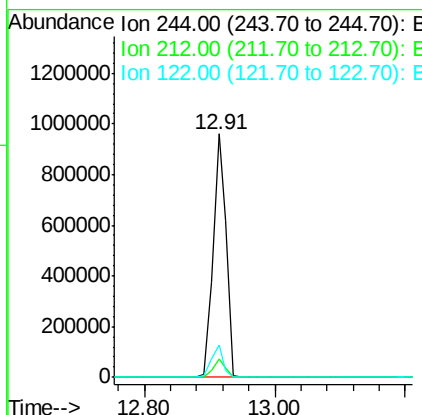
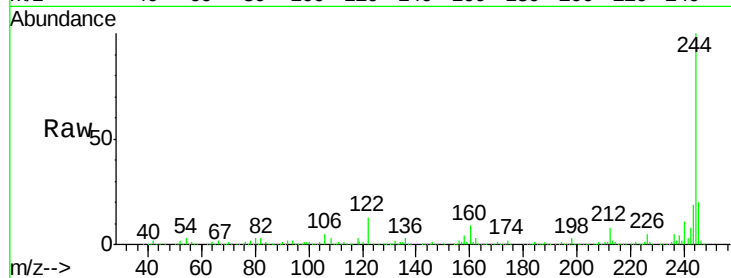




#78
 Terphenyl-d14
 Concen: 61.68 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087919.D
 Acq: 11 Jun 2016 23:29

Instrument :
 BNA_F
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 SP16-LF3MW4

Tot Ion:244 Resp: 1359910
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 13.2 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF087919.D
 Acq: 11 Jun 2016 23:29

Tgt Ion:264 Resp: 414247
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.3 16.9 25.3

