

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072816\
 Data File : BF089346.D
 Acq On : 28 Jul 2016 5:01
 Operator : UM/SJ
 Sample : H4157-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-16

Quant Time: Jul 28 07:23:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:12:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	43369	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	199632	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	89785	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	187996	20.00	ng	-0.01
75) Chrysene-d12	13.67	240	137890	20.00	ng	0.00
86) Perylene-d12	15.01	264	106370	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	333203	122.68	ng	0.02
7) Phenol-d6	6.20	99	434785	121.13	ng	0.00
23) Nitrobenzene-d5	7.12	82	333057	98.48	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	119433	160.61	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	603865	98.70	ng	0.00
78) Terphenyl-d14	12.63	244	559371	94.94	ng	0.00

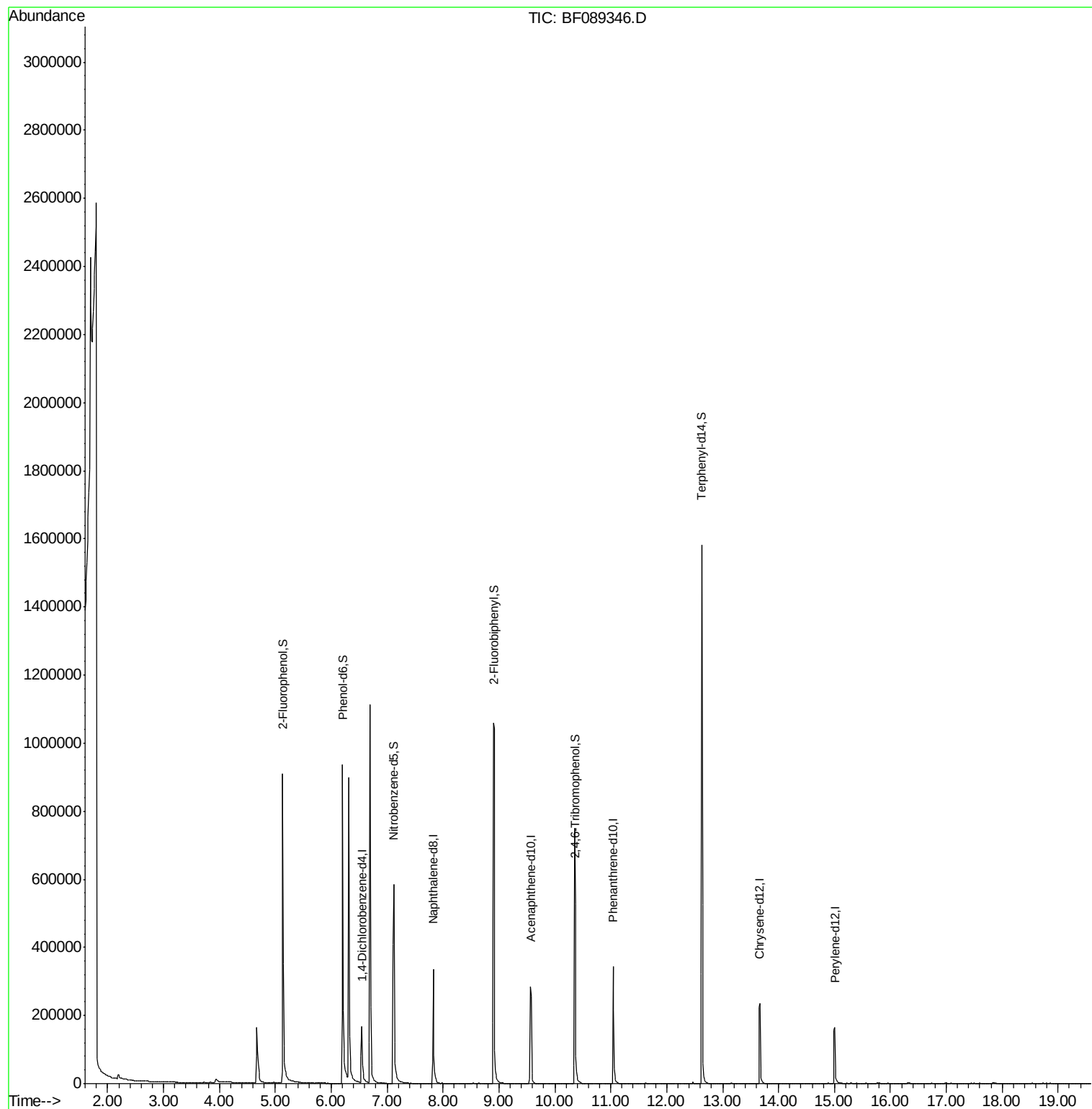
Target Compounds	Qvalue
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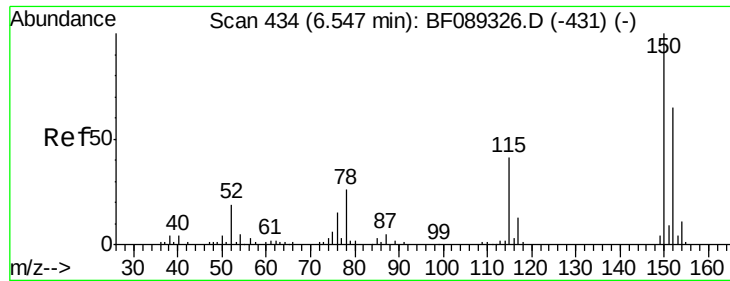
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF089346.D

Acq: 28 Jul 2016 5:01

Instrument :

BNA_F

ClientSampleId :

I-16

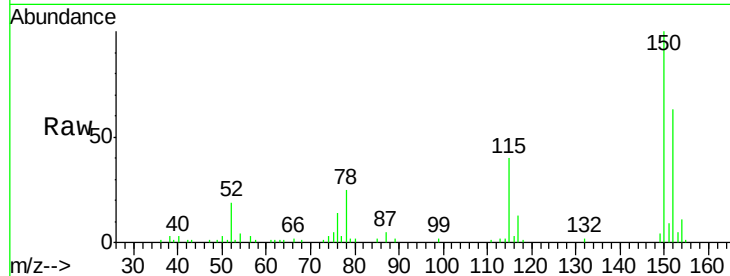
Tgt Ion:152 Resp: 43369

Ion Ratio Lower Upper

152 100

150 157.9 129.5 194.3

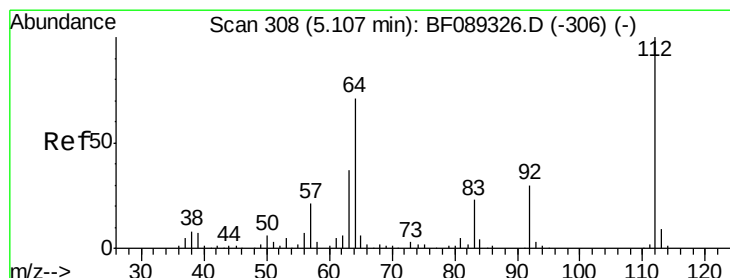
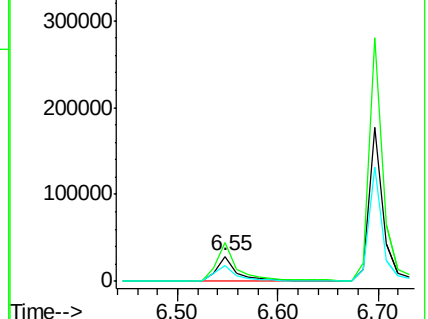
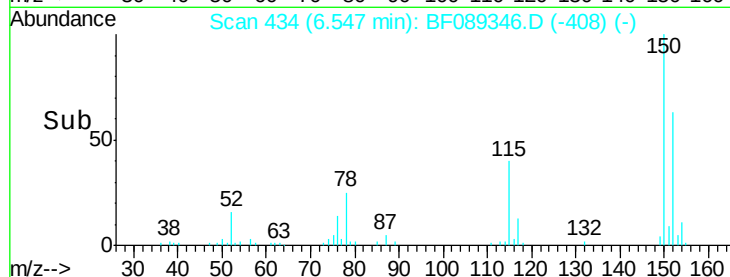
115 62.9 51.4 77.2



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: 122.68 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.02 min

Lab File: BF089346.D

Acq: 28 Jul 2016 5:01

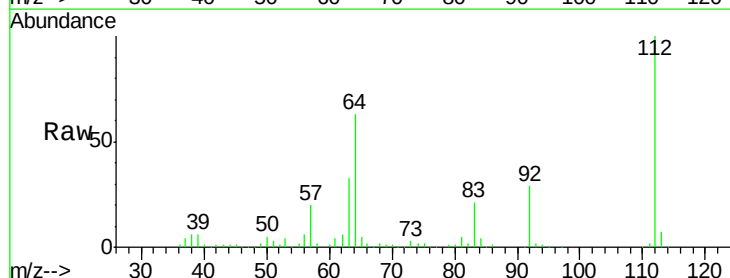
Tgt Ion:112 Resp: 333203

Ion Ratio Lower Upper

112 100

64 62.6 55.0 82.6

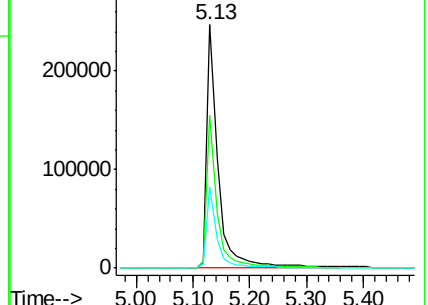
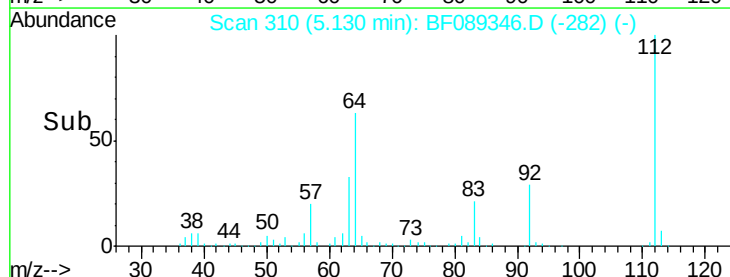
63 33.4 29.4 44.2

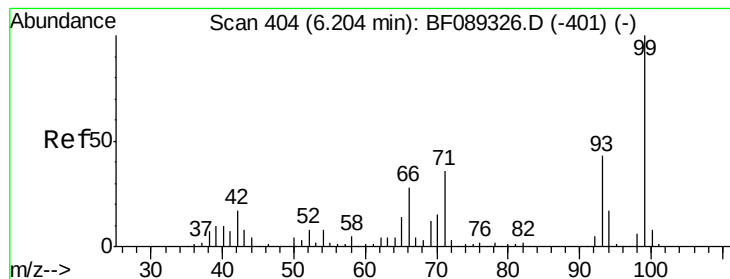


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.13 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089346.D

Acq: 28 Jul 2016 5:01

Instrument :

BNA_F

ClientSampleId :

I-16

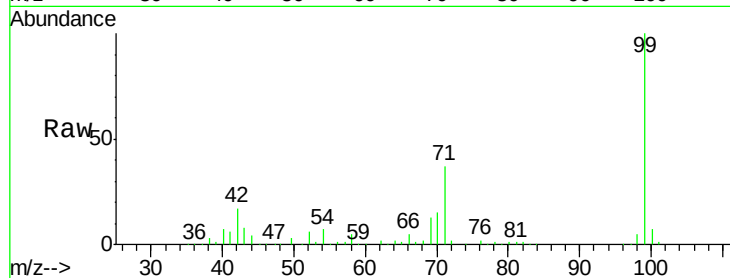
Tgt Ion: 99 Resp: 434785

Ion Ratio Lower Upper

99 100

42 16.9 13.6 20.4

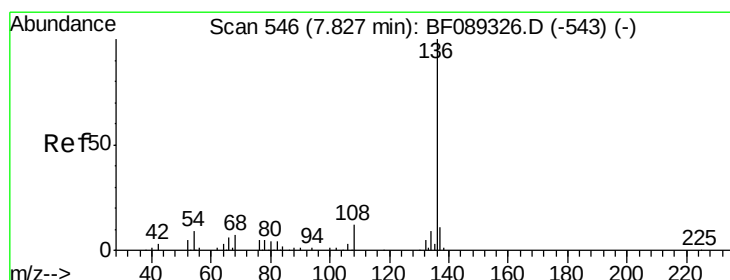
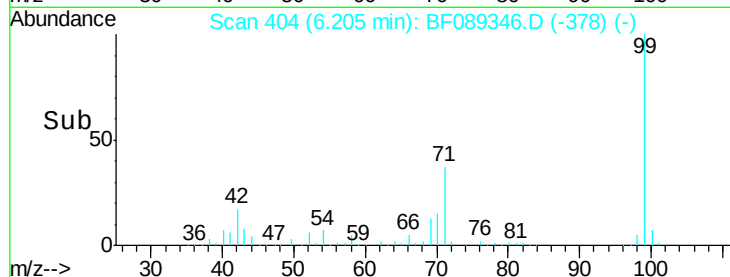
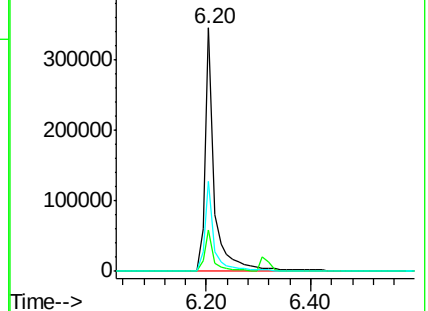
71 36.8 29.4 44.2



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: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF089346.D

Acq: 28 Jul 2016 5:01

Tgt Ion: 136 Resp: 199632

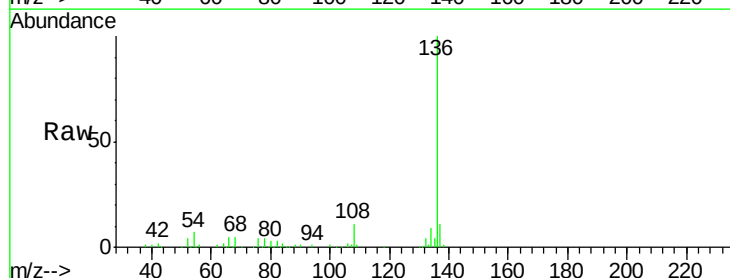
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 6.9 7.0 10.4#

68 5.2 4.9 7.3

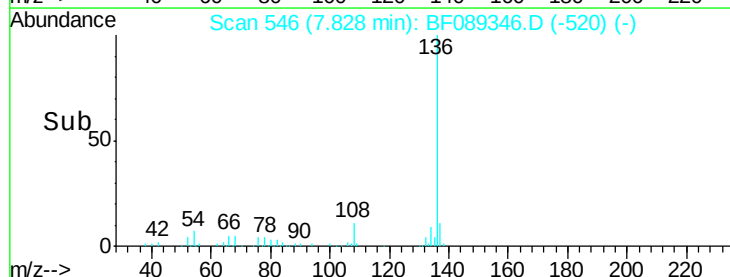
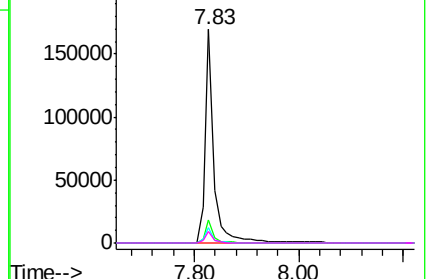


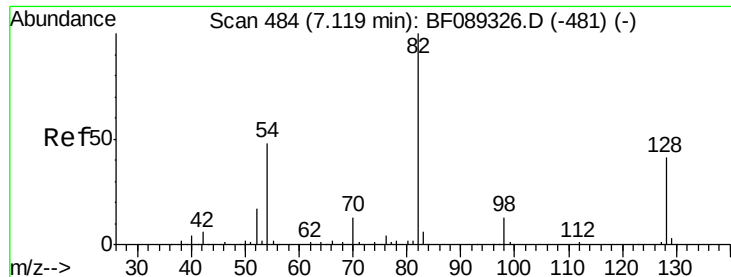
Abundance Ion 136.00 (135.70 to 136.70): E

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

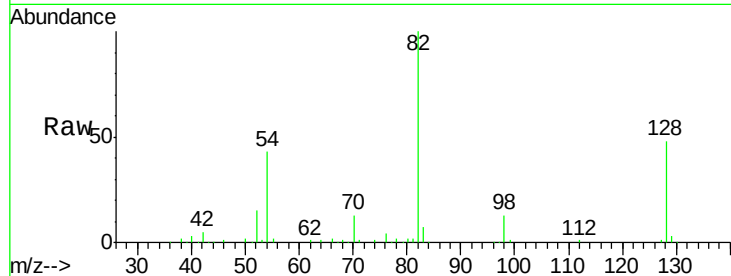




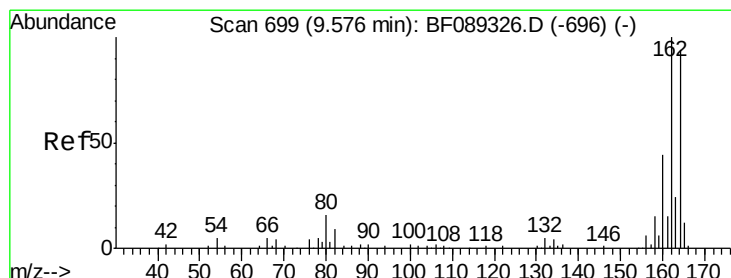
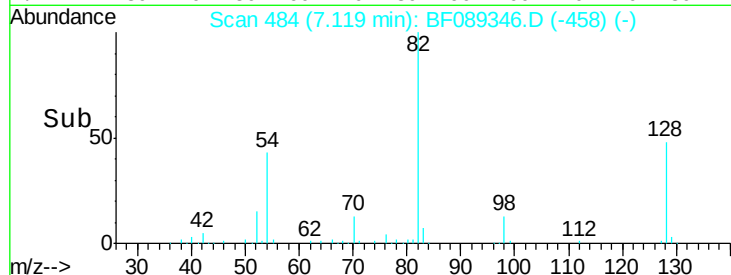
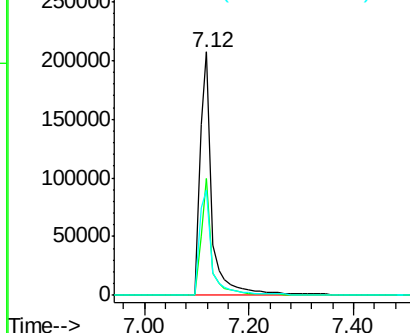
#23
 Nitrobenzene-d5
 Concen: 98.48 ng
 RT: 7.12 min Scan# 484
 Delta R.T. 0.00 min
 Lab File: BF089346.D
 Acq: 28 Jul 2016 5:01

Instrument :
 BNA_F
 ClientSampled :
 I-16

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.9	32.5	48.7
54	43.1	38.8	58.2

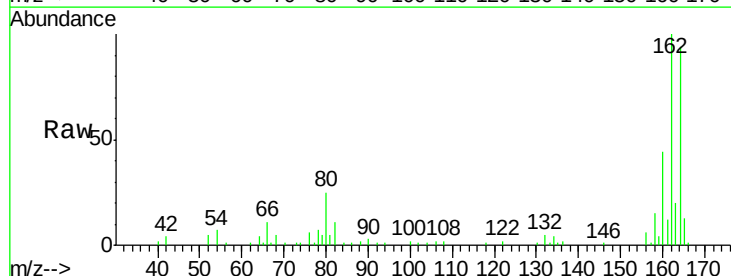


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

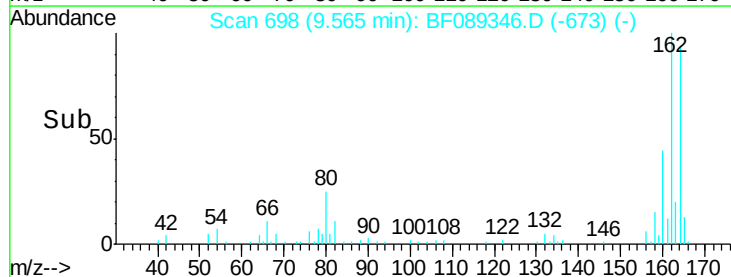
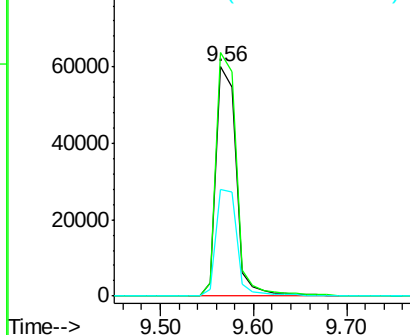


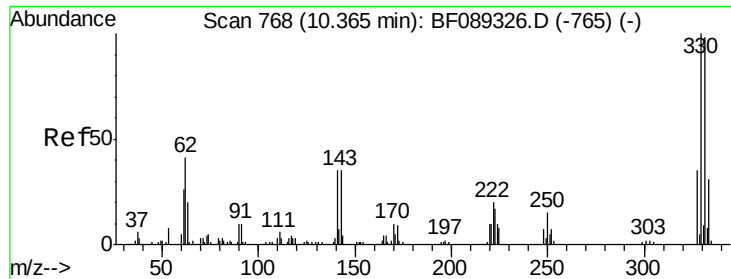
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF089346.D
 Acq: 28 Jul 2016 5:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	83.7	125.5
160	46.8	37.8	56.6



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

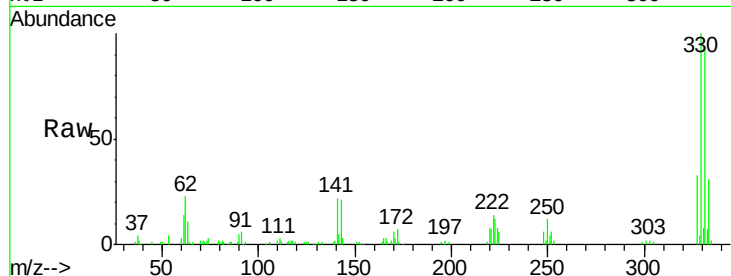




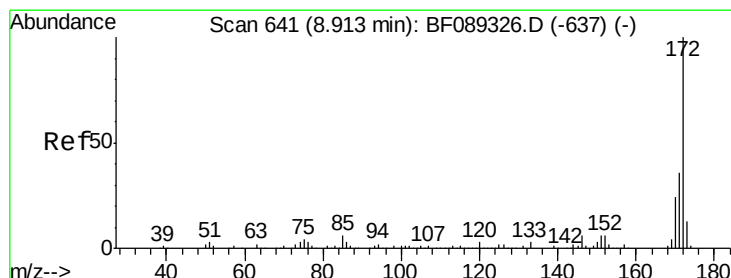
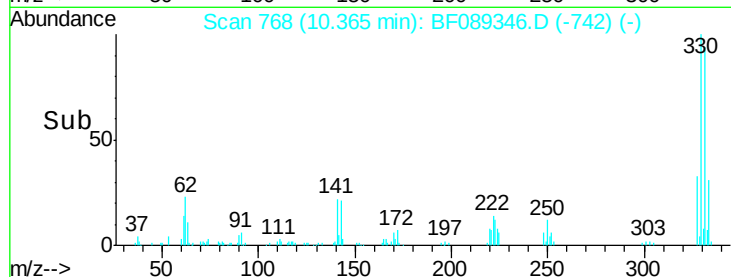
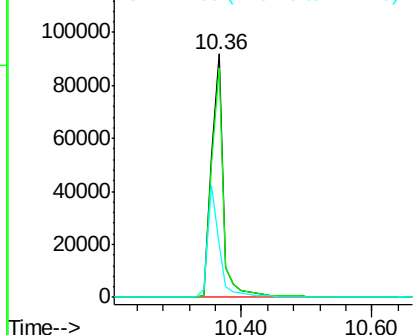
#41
 2,4,6-Tribromophenol
 Concen: 160.61 ng
 RT: 10.36 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF089346.D
 Acq: 28 Jul 2016 5:01

Instrument :
 BNA_F
 ClientSampleId :
 I-16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.8	115.2
141	43.7	37.3	55.9

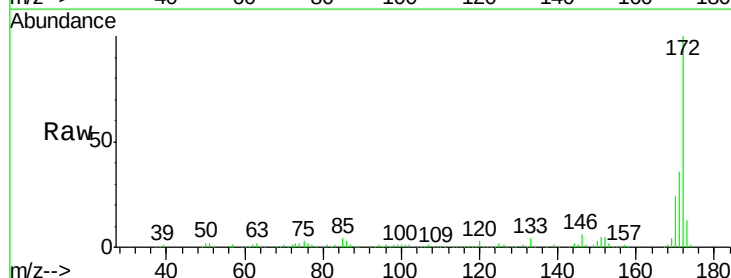


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

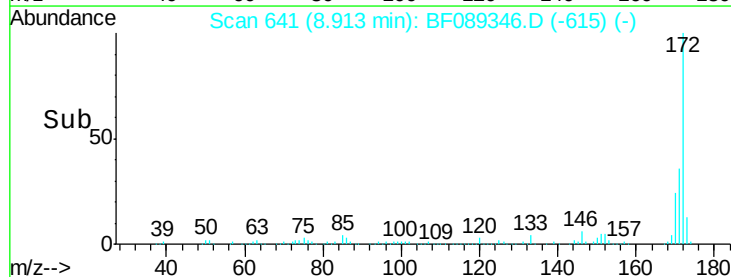
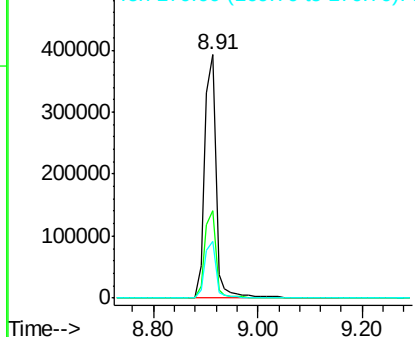


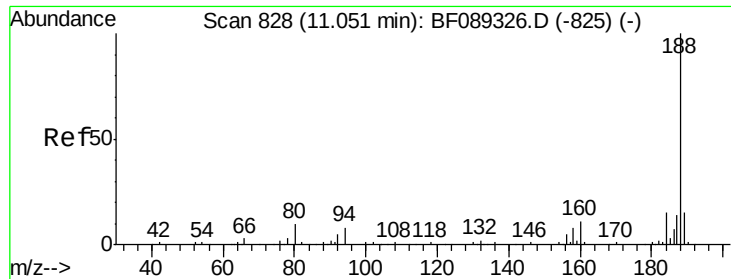
#44
 2-Fluorobiphenyl
 Concen: 98.70 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089346.D
 Acq: 28 Jul 2016 5:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	23.6	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

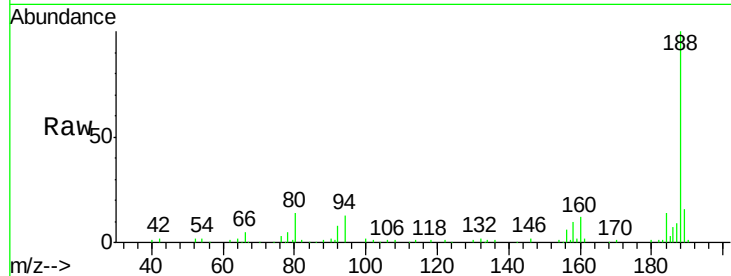




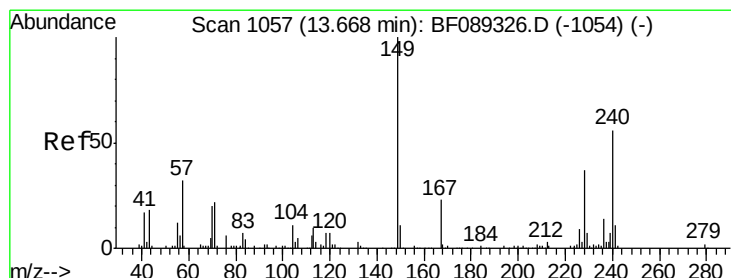
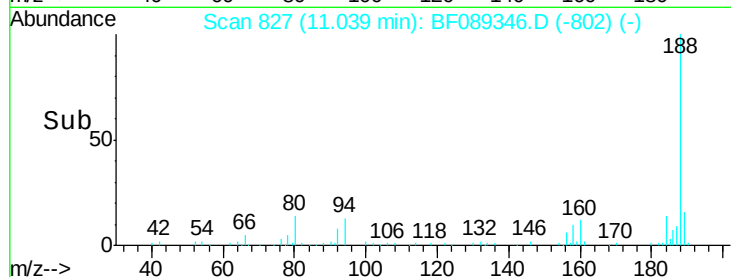
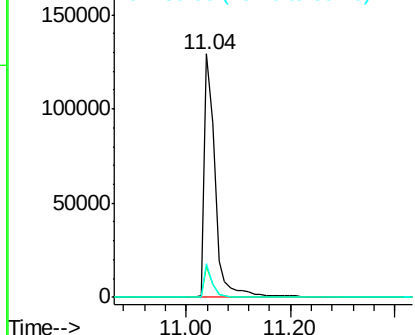
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF089346.D
Acq: 28 Jul 2016 5:01

Instrument :
BNA_F
ClientSampleId :
I-16

Tgt Ion:188 Resp: 187996
Ion Ratio Lower Upper
188 100
94 12.6 6.5 9.7#
80 14.1 7.2 10.8#

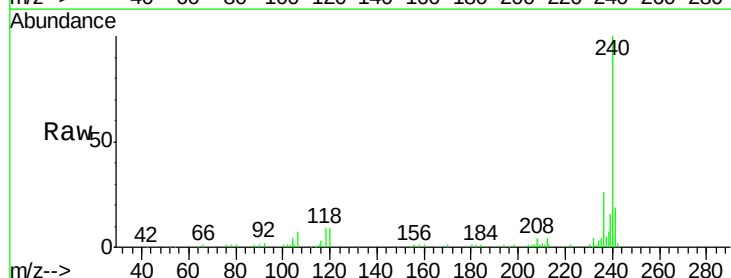


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

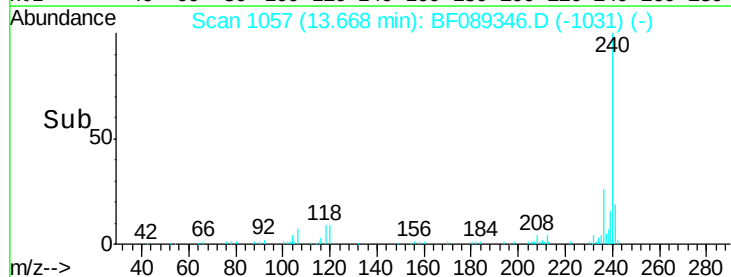
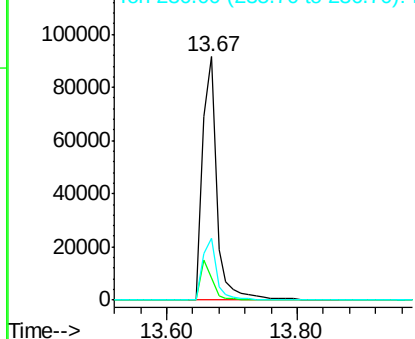


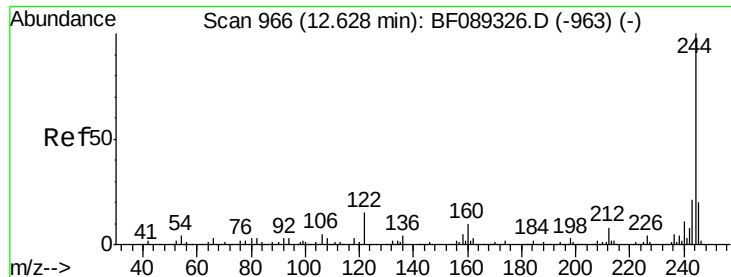
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.67 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF089346.D
Acq: 28 Jul 2016 5:01

Tgt Ion:240 Resp: 137890
Ion Ratio Lower Upper
240 100
120 9.2 9.1 13.7
236 25.6 20.6 30.8



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

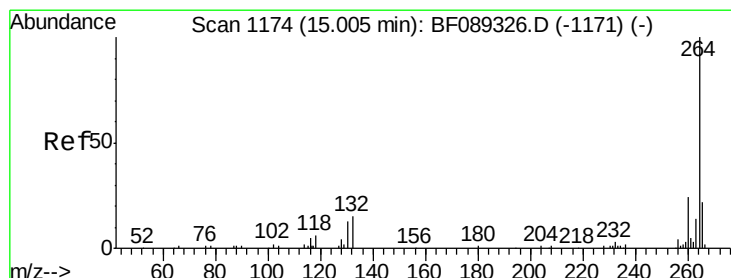
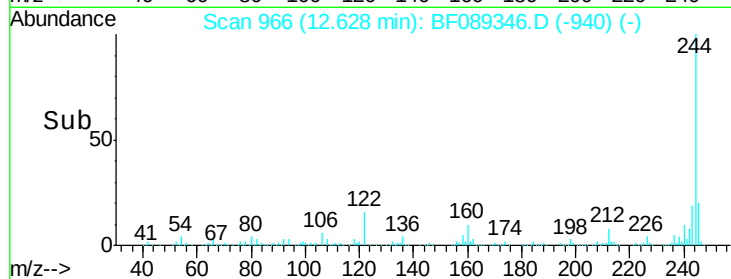
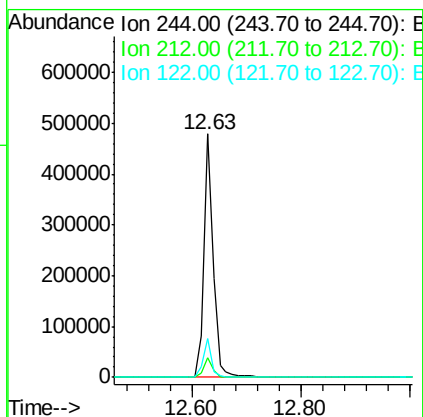
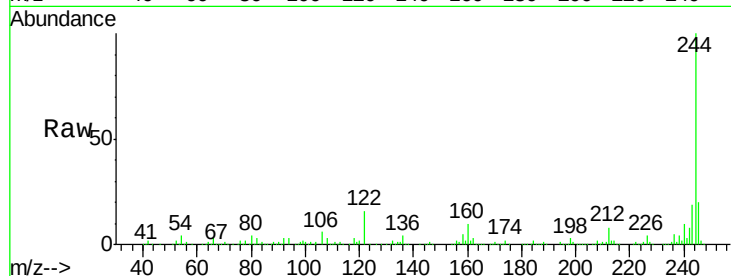




#78
 Terphenyl-d14
 Concen: 94.94 ng
 RT: 12.63 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF089346.D
 Acq: 28 Jul 2016 5:01

Instrument :
 BNA_F
 ClientSampleId :
 I-16

Tgt Ion:244 Resp: 559371
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 15.7 11.4 17.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF089346.D
 Acq: 28 Jul 2016 5:01

Tgt Ion:264 Resp: 106370
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.4
 265 20.3 17.5 26.3

