

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072816\
 Data File : BF089347.D
 Acq On : 28 Jul 2016 5:30
 Operator : UM/SJ
 Sample : H4157-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-17

Quant Time: Jul 28 07:25:44 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

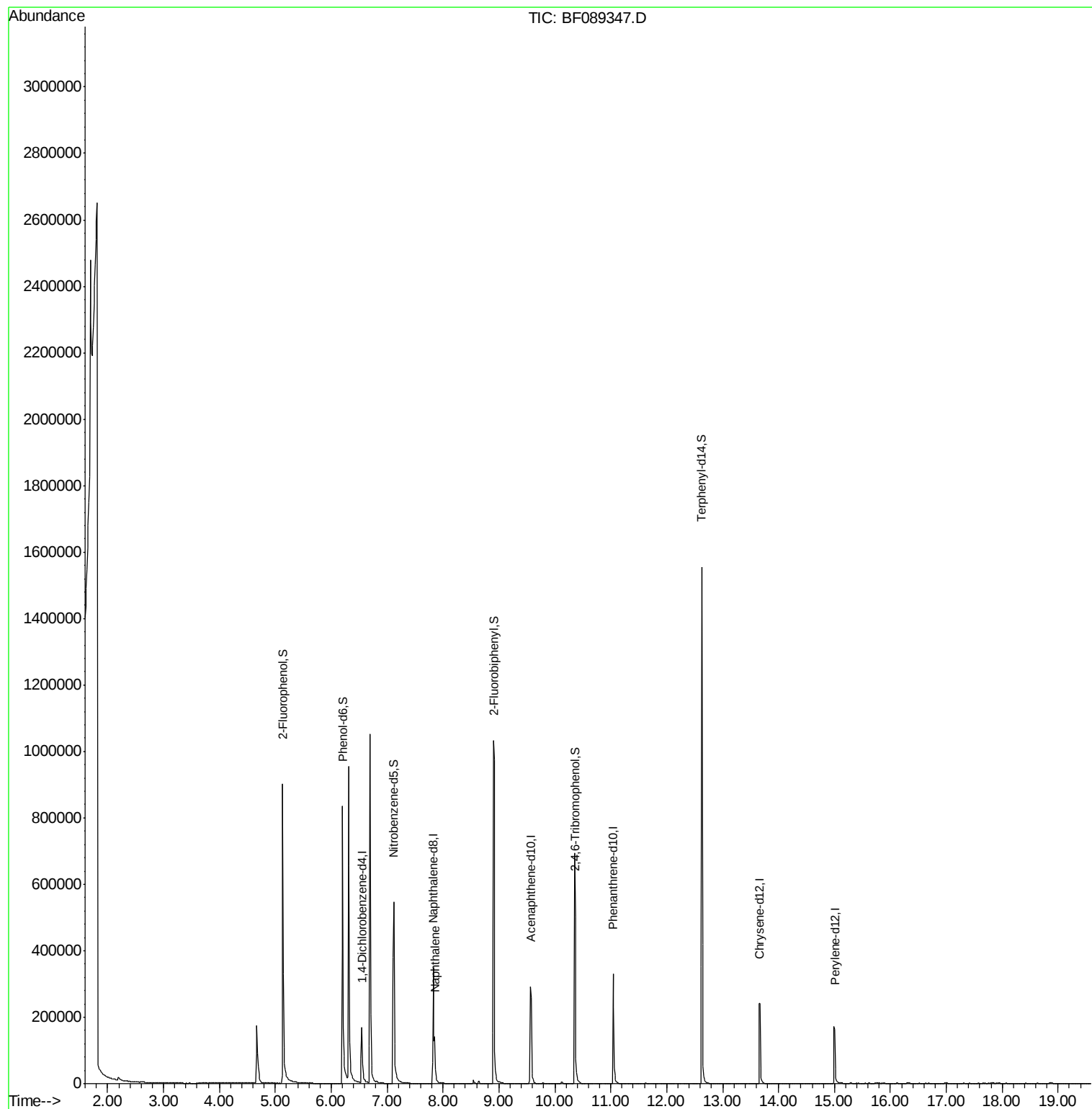
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	43417	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	198350	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	91033	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	187724	20.00	ng	-0.01
75) Chrysene-d12	13.67	240	144652	20.00	ng	0.00
86) Perylene-d12	15.01	264	109124	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	327072	120.29	ng	0.02
7) Phenol-d6	6.20	99	440378	122.55	ng	0.00
23) Nitrobenzene-d5	7.12	82	313536	93.30	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	111359	147.70	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	574618	92.64	ng	0.00
78) Terphenyl-d14	12.63	244	535952	86.72	ng	0.00
Target Compounds						
31) Naphthalene	7.85	128	86272	8.78	ng	Qvalue 99

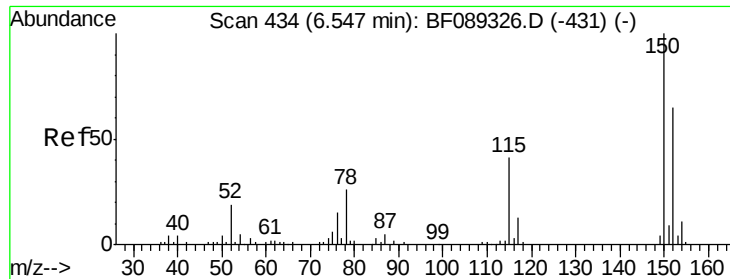
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089347.D

Acq: 28 Jul 2016 5:30

Instrument :

BNA_F

ClientSampleId :

I-17

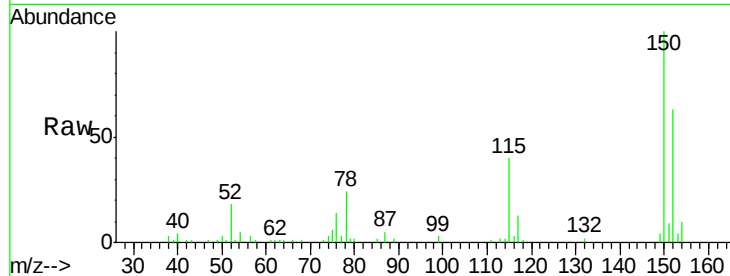
Tgt Ion:152 Resp: 43417

Ion Ratio Lower Upper

152 100

150 158.1 129.5 194.3

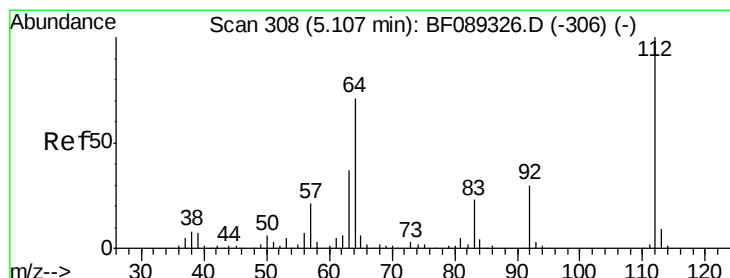
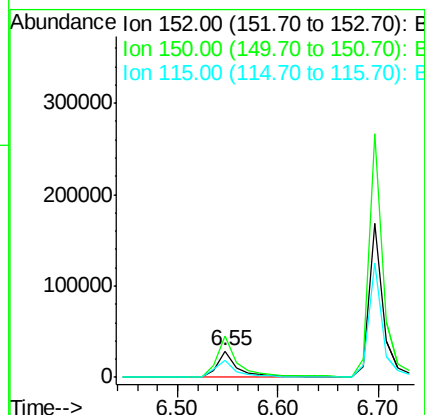
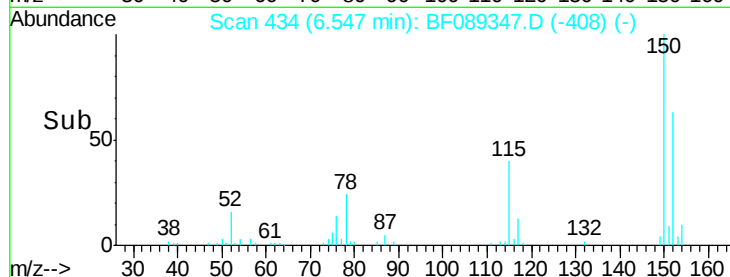
115 62.6 51.4 77.2



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: 120.29 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.02 min

Lab File: BF089347.D

Acq: 28 Jul 2016 5:30

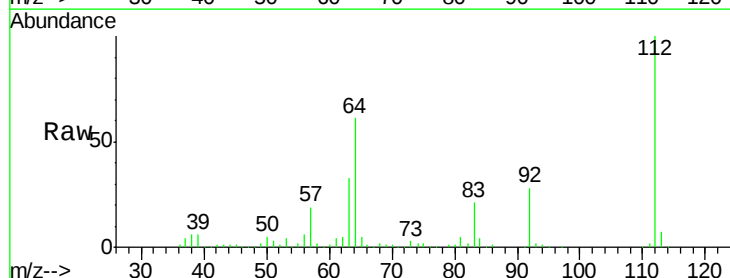
Tgt Ion:112 Resp: 327072

Ion Ratio Lower Upper

112 100

64 61.2 55.0 82.6

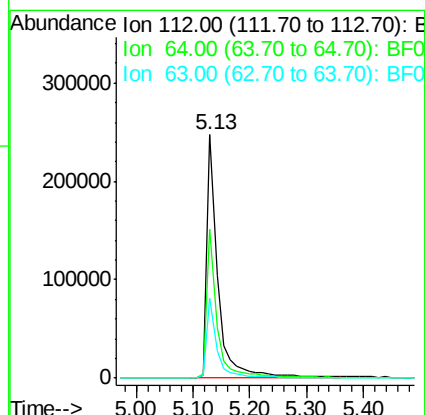
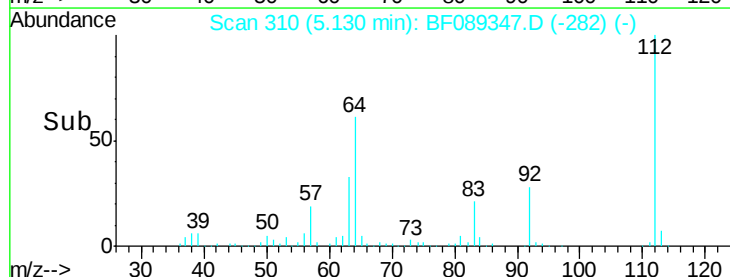
63 33.0 29.4 44.2

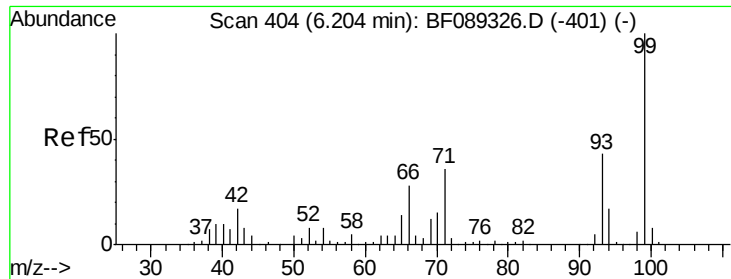


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.55 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089347.D

Acq: 28 Jul 2016 5:30

Instrument :

BNA_F

ClientSampleId :

I-17

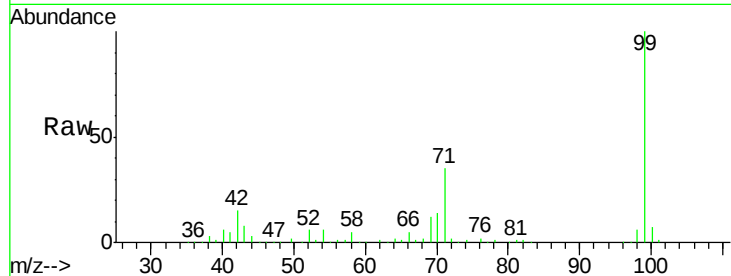
Tgt Ion: 99 Resp: 440378

Ion Ratio Lower Upper

99 100

42 14.9 13.6 20.4

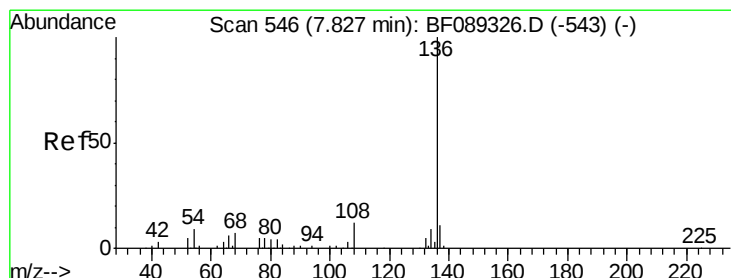
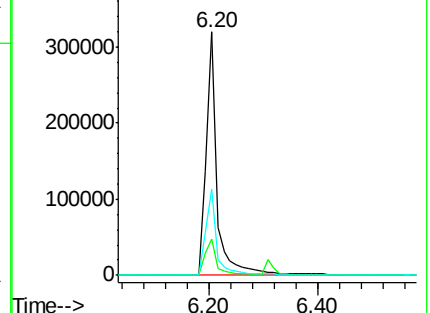
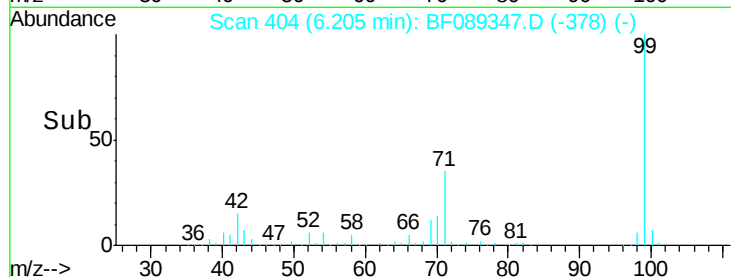
71 35.2 29.4 44.2



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: BF089347.D

Acq: 28 Jul 2016 5:30

Tgt Ion: 136 Resp: 198350

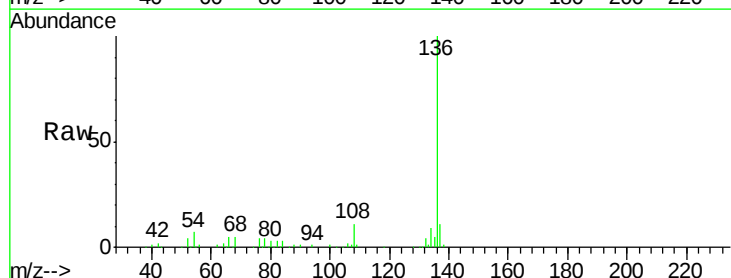
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 6.9 7.0 10.4

68 5.0 4.9 7.3

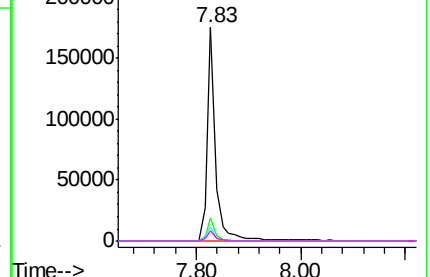
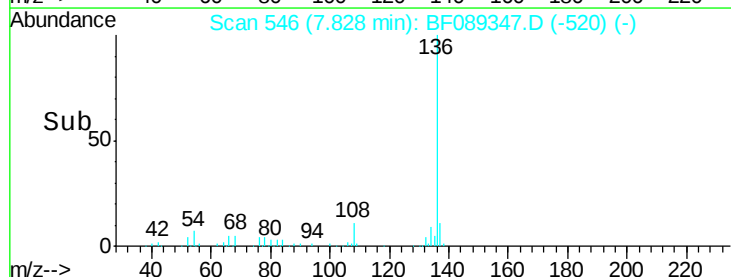


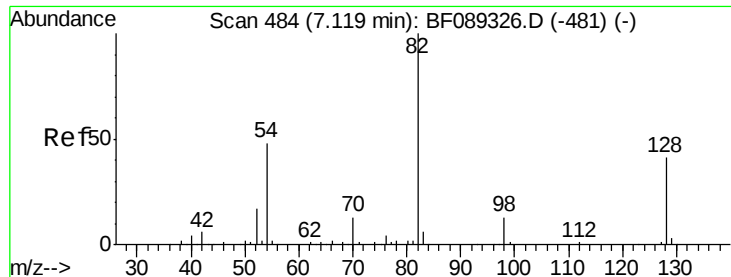
Abundance Ion 136.00 (135.70 to 136.70): E

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

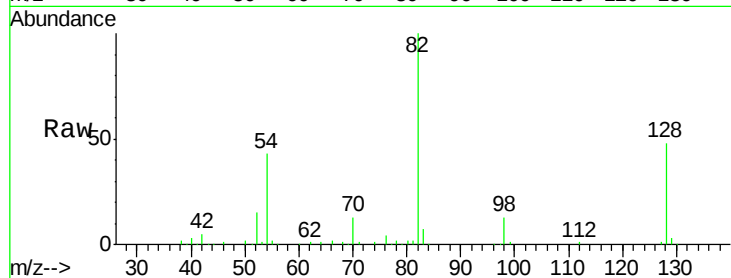




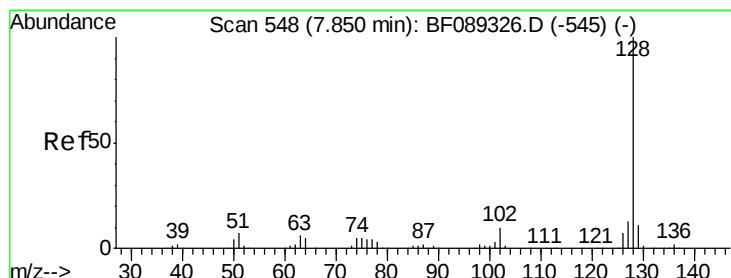
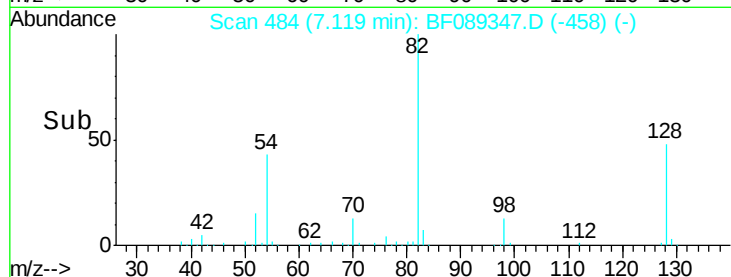
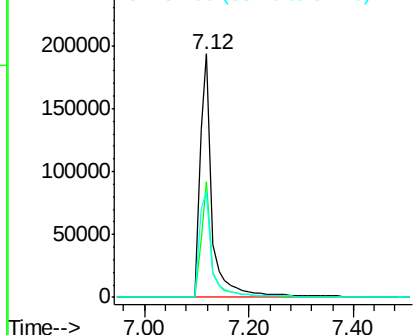
#23
 Nitrobenzene-d5
 Concen: 93.30 ng
 RT: 7.12 min Scan# 484
 Delta R.T. 0.00 min
 Lab File: BF089347.D
 Acq: 28 Jul 2016 5:30

Instrument :
 BNA_F
 ClientSampleId :
 I-17

Tgt Ion: 82 Resp: 313536
 Ion Ratio Lower Upper
 82 100
 128 47.7 32.5 48.7
 54 43.4 38.8 58.2

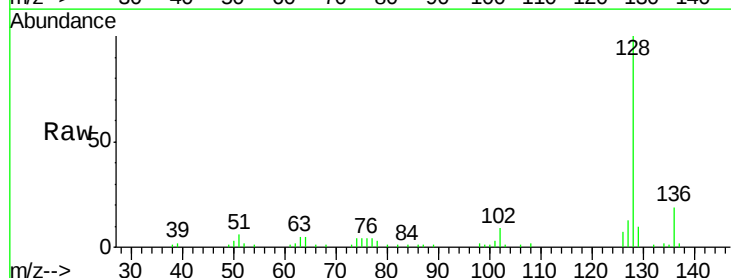


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

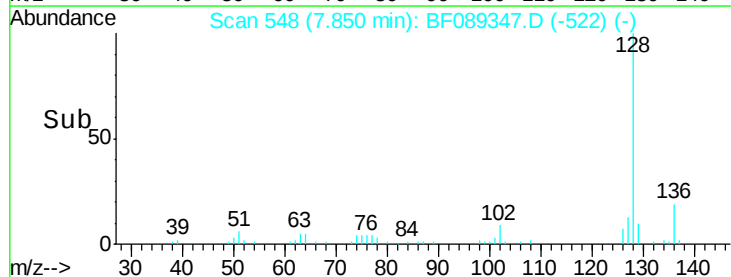
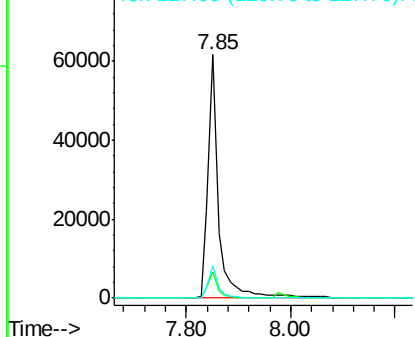


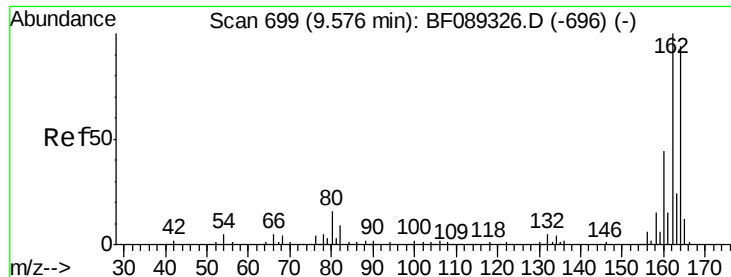
#31
 Naphthalene
 Concen: 8.78 ng
 RT: 7.85 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF089347.D
 Acq: 28 Jul 2016 5:30

Tgt Ion: 128 Resp: 86272
 Ion Ratio Lower Upper
 128 100
 129 10.5 8.8 13.2
 127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF089347.D

Acq: 28 Jul 2016 5:30

Instrument :

BNA_F

ClientSampleId :

I-17

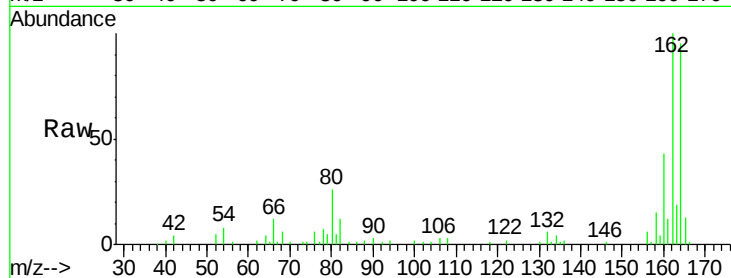
Tgt Ion:164 Resp: 91033

Ion Ratio Lower Upper

164 100

162 105.0 83.7 125.5

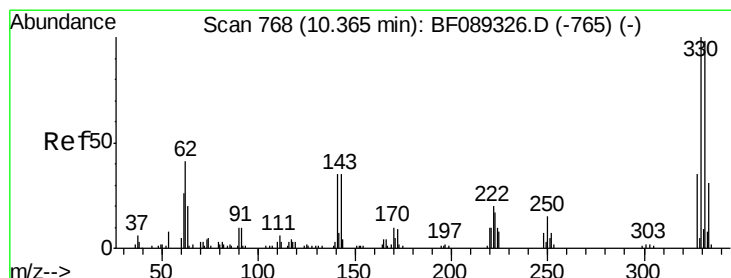
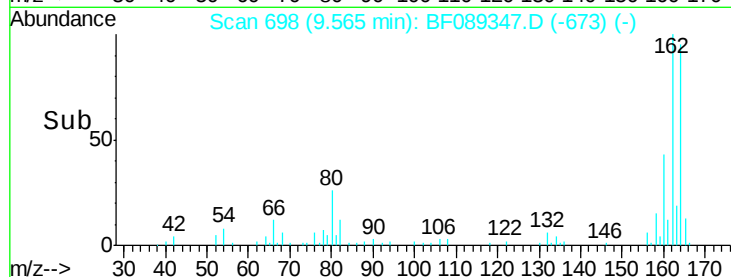
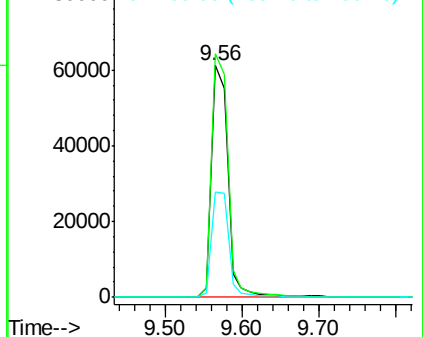
160 45.3 37.8 56.6



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: 147.70 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF089347.D

Acq: 28 Jul 2016 5:30

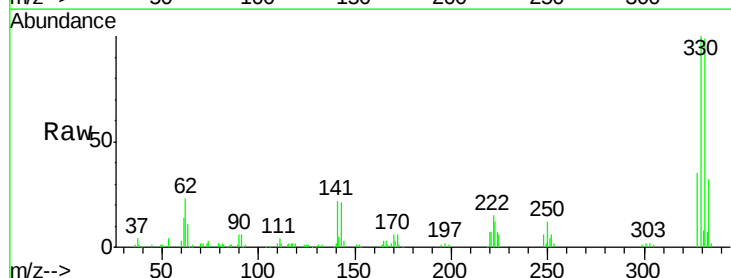
Tgt Ion:330 Resp: 111359

Ion Ratio Lower Upper

330 100

332 97.6 76.8 115.2

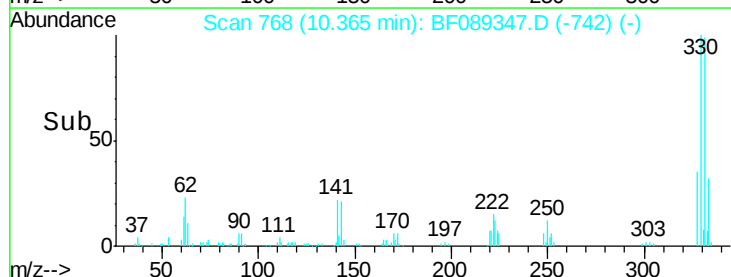
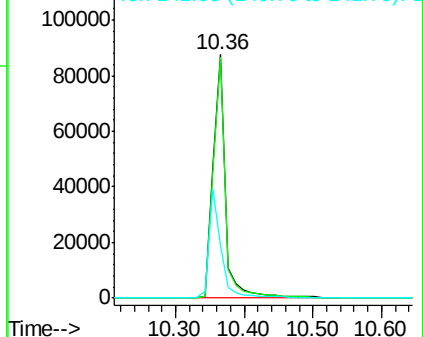
141 43.6 37.3 55.9

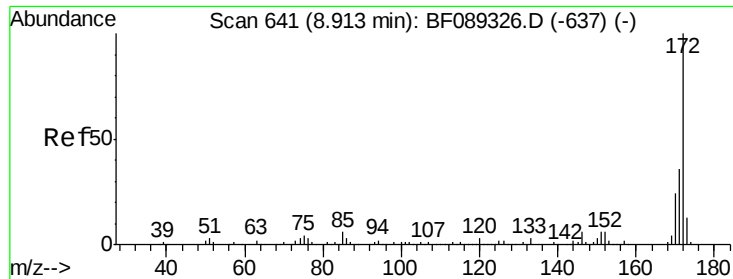


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

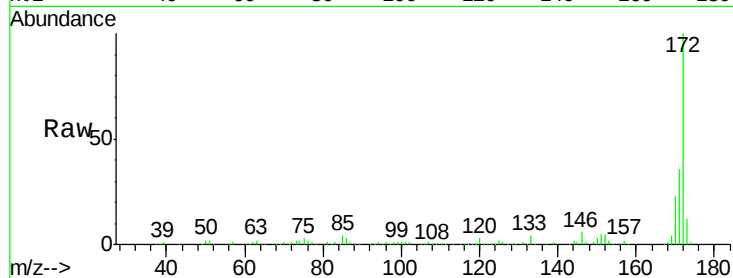




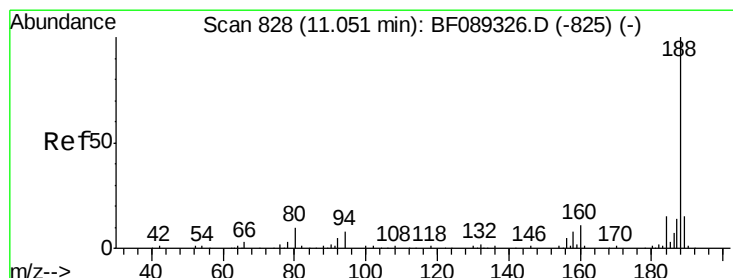
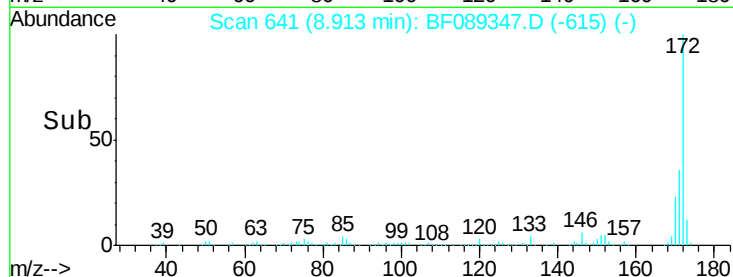
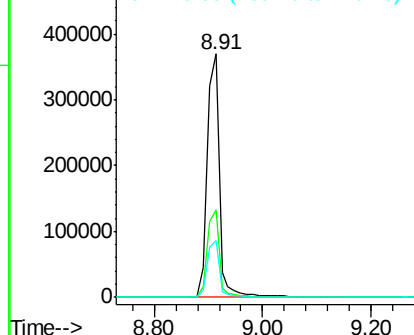
#44
 2-Fluorobiphenyl
 Concen: 92.64 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089347.D
 Acq: 28 Jul 2016 5:30

Instrument :
 BNA_F
 ClientSampled :
 I-17

Tgt Ion:172 Resp: 574618
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 23.4 19.2 28.8

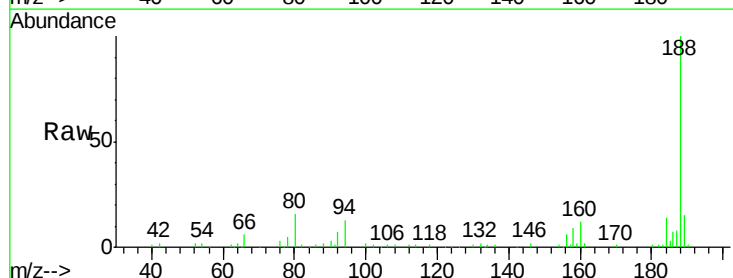


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

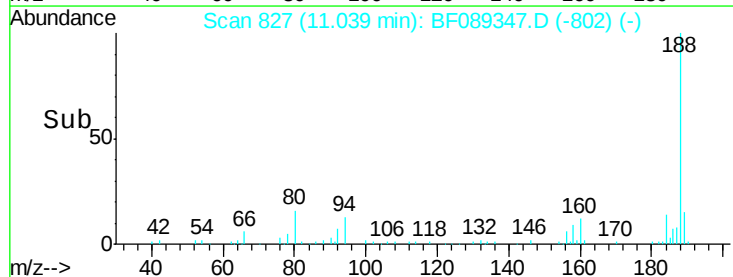
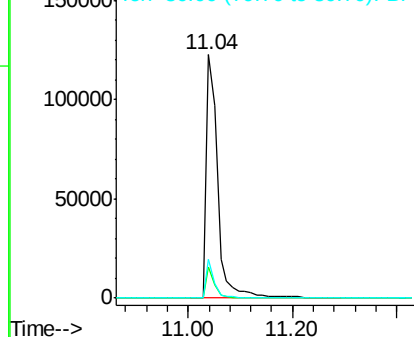


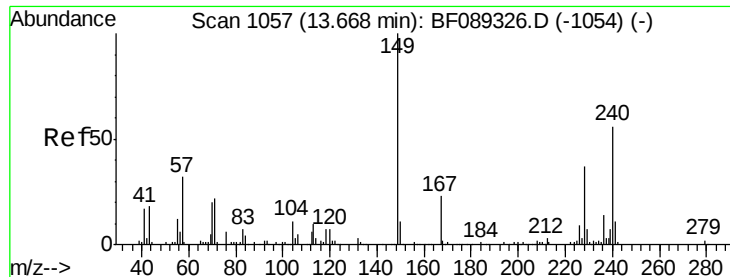
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF089347.D
 Acq: 28 Jul 2016 5:30

Tgt Ion:188 Resp: 187724
 Ion Ratio Lower Upper
 188 100
 94 12.7 6.5 9.7#
 80 15.8 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: BF089347.D

Acq: 28 Jul 2016 5:30

Instrument :

BNA_F

ClientSampleId :

I-17

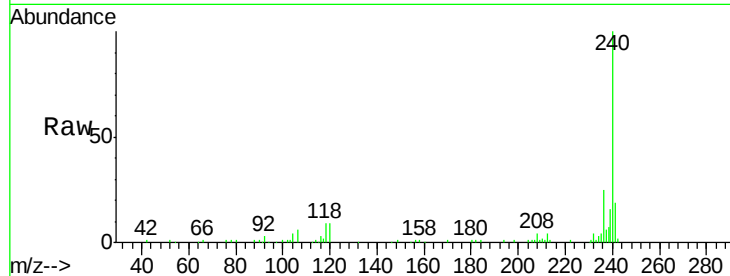
Tgt Ion:240 Resp: 144652

Ion Ratio Lower Upper

240 100

120 8.8 9.1 13.7#

236 25.2 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

120000

100000

80000

60000

40000

20000

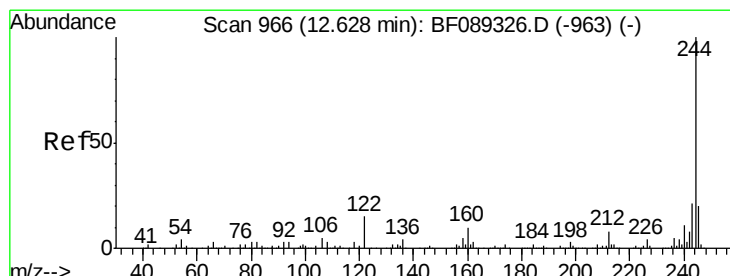
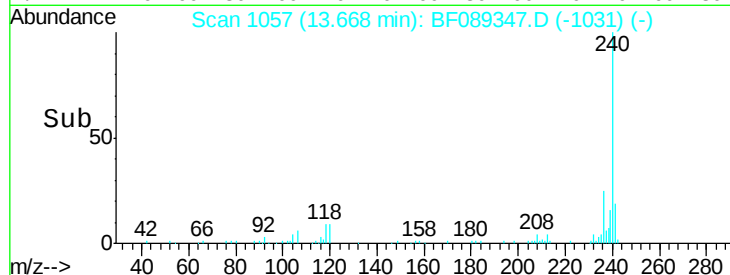
0

13.67

13.60

13.80

Time-->



#78

Terphenyl-d14

Concen: 86.72 ng

RT: 12.63 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF089347.D

Acq: 28 Jul 2016 5:30

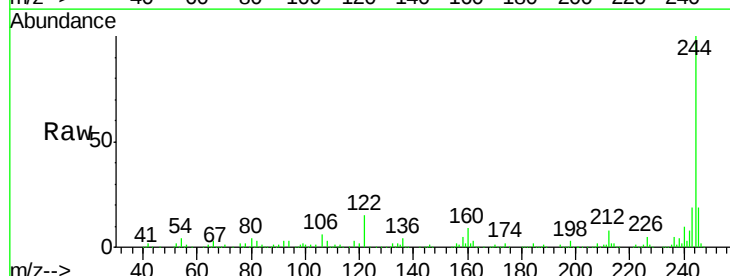
Tgt Ion:244 Resp: 535952

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 15.4 11.4 17.0



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

600000

500000

400000

300000

200000

100000

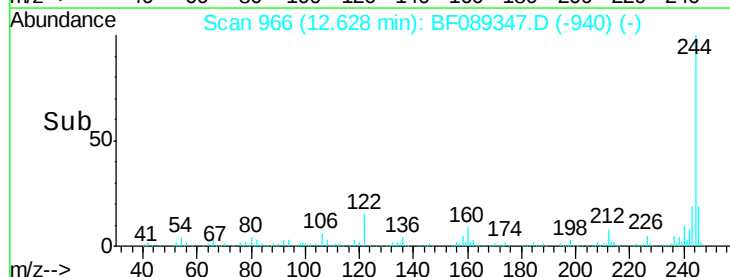
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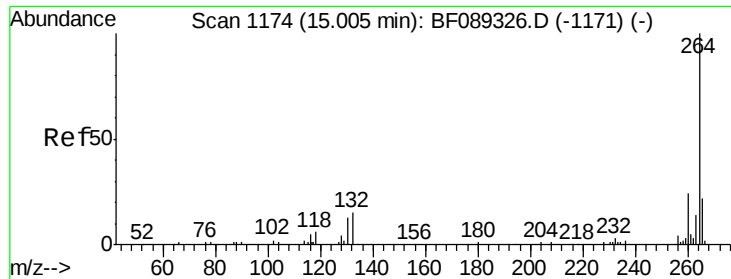
12.63

12.60

12.80

Time-->

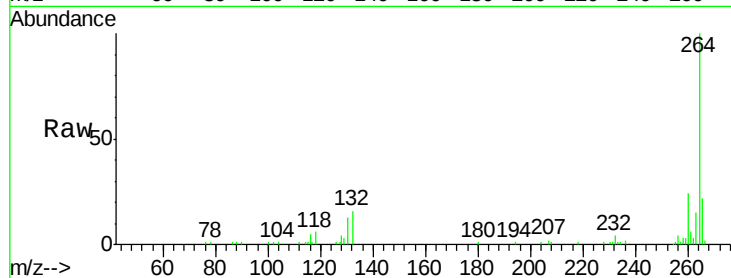




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF089347.D
Acq: 28 Jul 2016 5:30

Instrument :
BNA_F
ClientSampleId :
I-17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	21.7	17.5	26.3



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

