

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072816\
 Data File : BF089360.D
 Acq On : 28 Jul 2016 11:45
 Operator : UM/SJ
 Sample : H4155-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-11

Quant Time: Jul 28 12:14:03 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

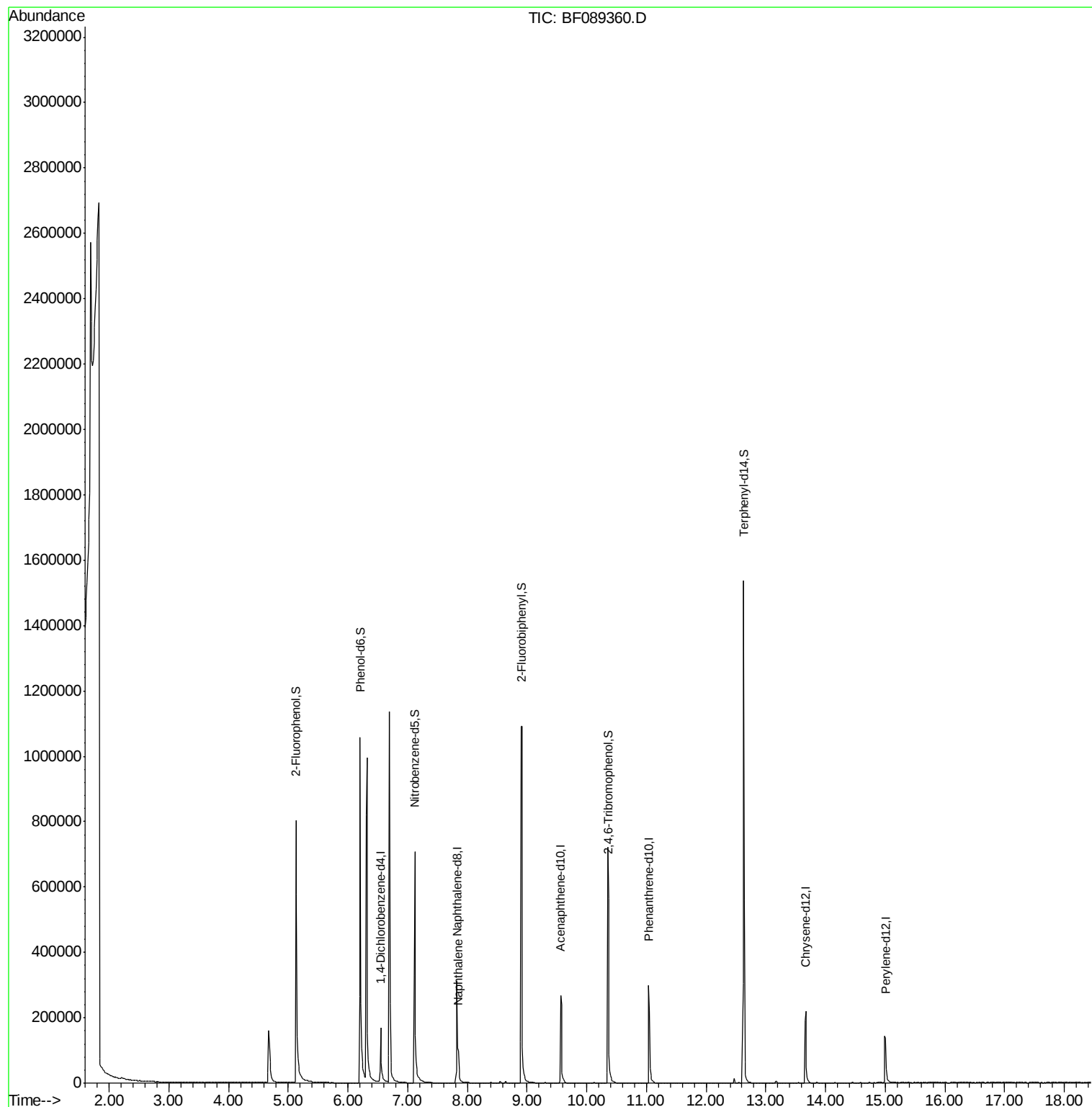
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	41118	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	183370	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	85206	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	177574	20.00	ng	-0.01
75) Chrysene-d12	13.67	240	128158	20.00	ng	0.00
86) Perylene-d12	15.01	264	96497	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	372373	144.60	ng	0.02
7) Phenol-d6	6.20	99	484202	142.28	ng	0.00
23) Nitrobenzene-d5	7.12	82	355454	114.42	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	120682	171.01	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	618164	106.47	ng	0.00
78) Terphenyl-d14	12.63	244	557649	101.84	ng	0.00
Target Compounds						
31) Naphthalene	7.85	128	55463	6.11	ng	Qvalue 99

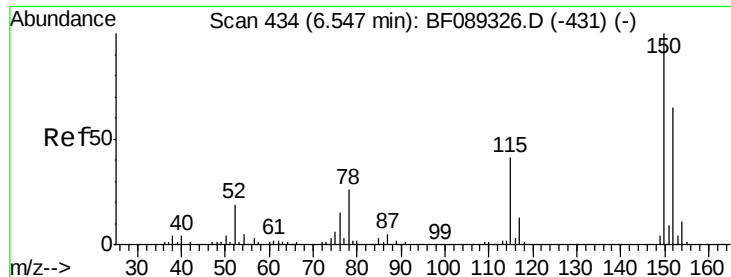
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089360.D

Acq: 28 Jul 2016 11:45

Instrument :

BNA_F

ClientSampleId :

I-11

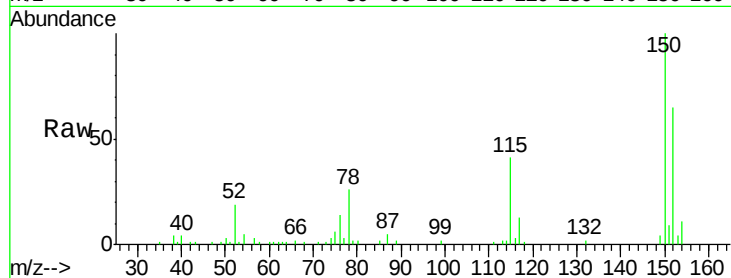
Tgt Ion:152 Resp: 41118

Ion Ratio Lower Upper

152 100

150 154.7 129.5 194.3

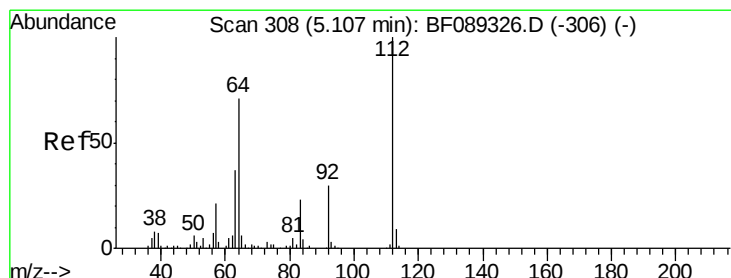
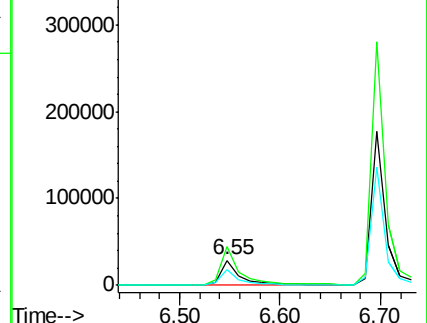
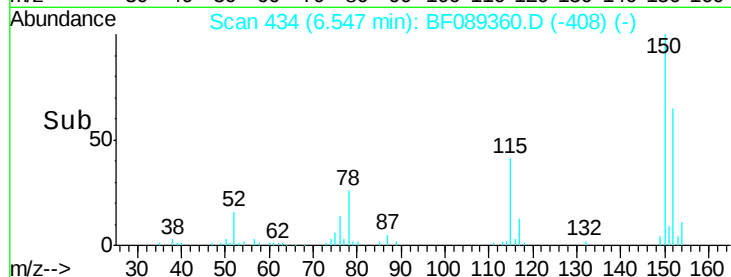
115 63.6 51.4 77.2



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: 144.60 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.02 min

Lab File: BF089360.D

Acq: 28 Jul 2016 11:45

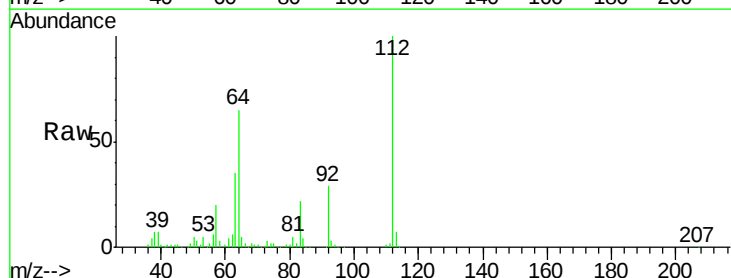
Tgt Ion:112 Resp: 372373

Ion Ratio Lower Upper

112 100

64 65.4 55.0 82.6

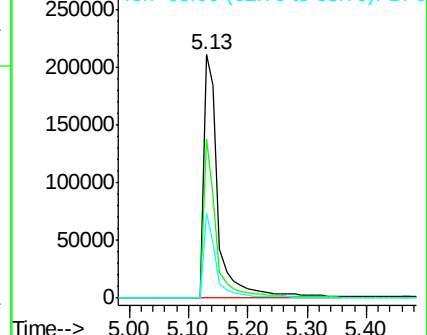
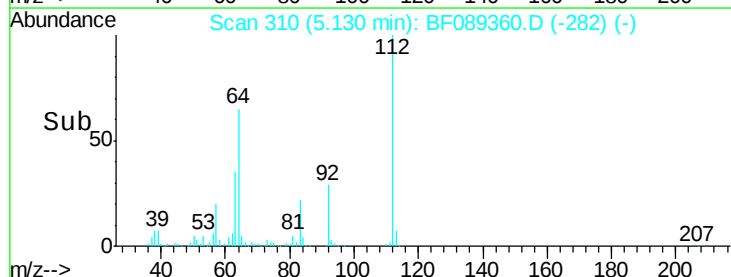
63 35.1 29.4 44.2

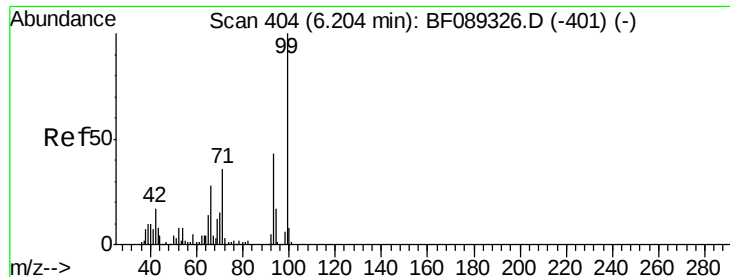


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.28 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089360.D

Acq: 28 Jul 2016 11:45

Instrument :

BNA_F

ClientSampleId :

I-11

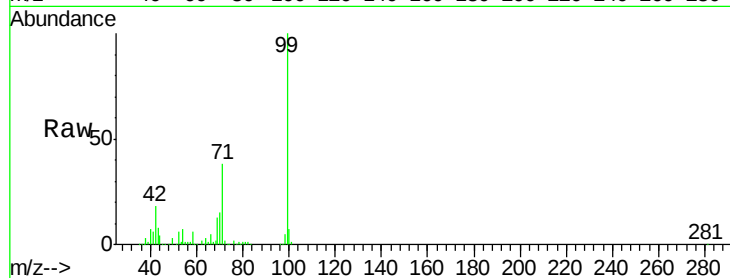
Tgt Ion: 99 Resp: 484202

Ion Ratio Lower Upper

99 100

42 18.0 13.6 20.4

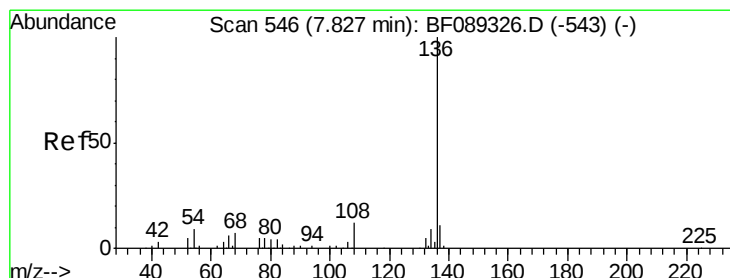
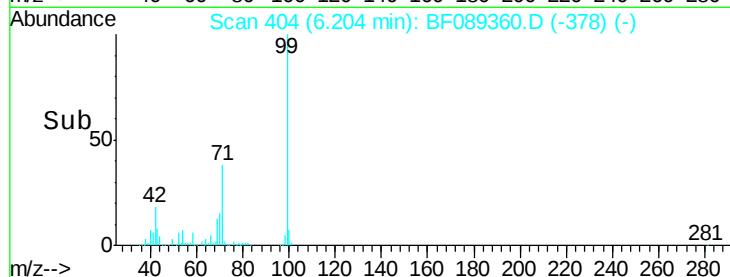
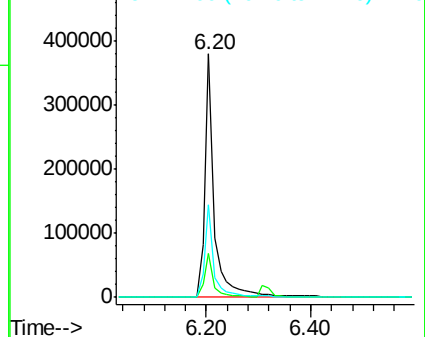
71 38.1 29.4 44.2



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: BF089360.D

Acq: 28 Jul 2016 11:45

Tgt Ion: 136 Resp: 183370

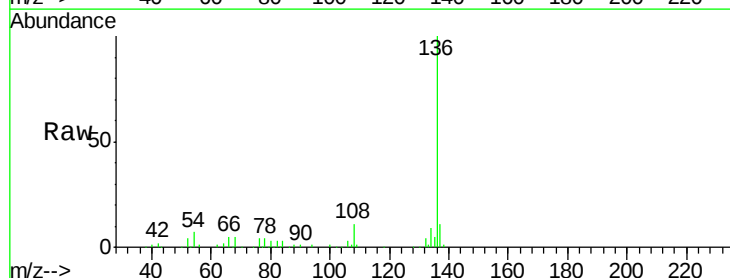
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 7.0 7.0 10.4

68 5.3 4.9 7.3

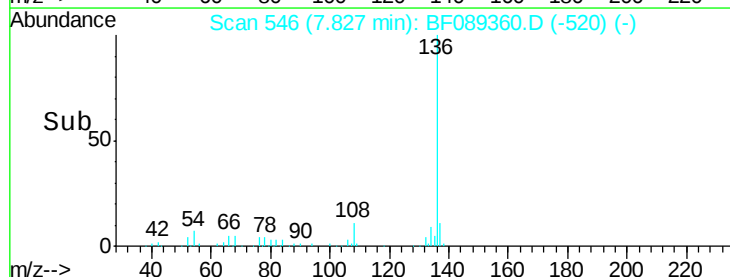
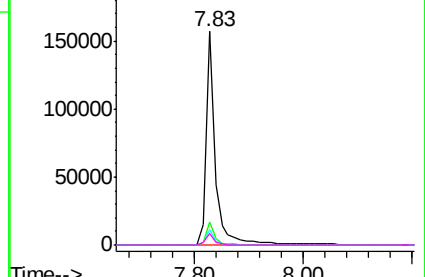


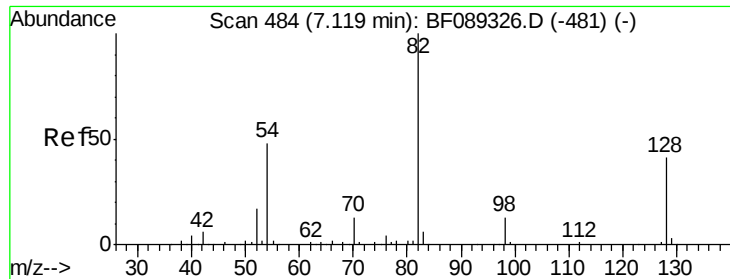
Abundance Ion 136.00 (135.70 to 136.70): E

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

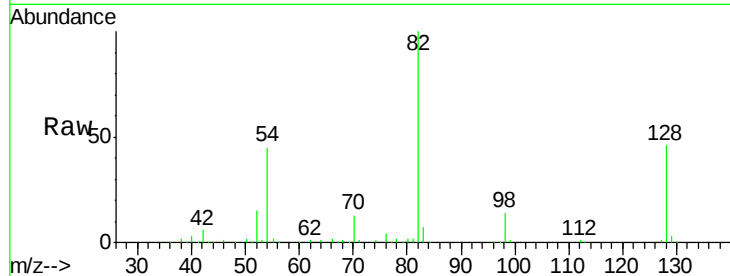




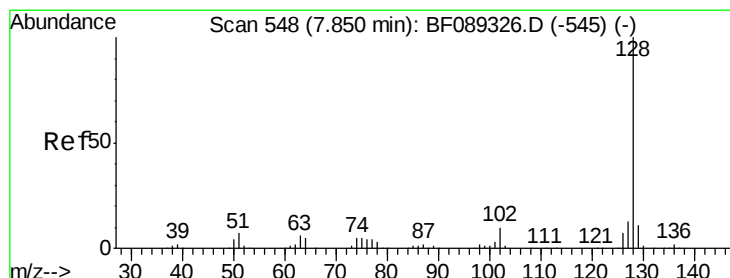
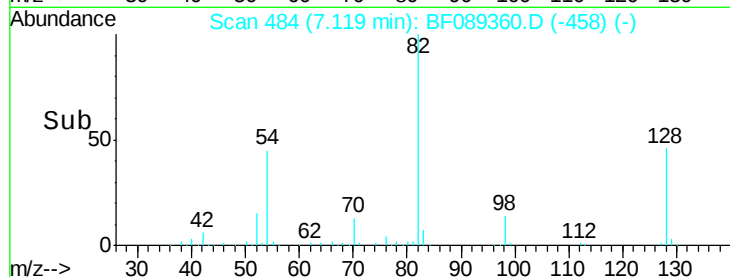
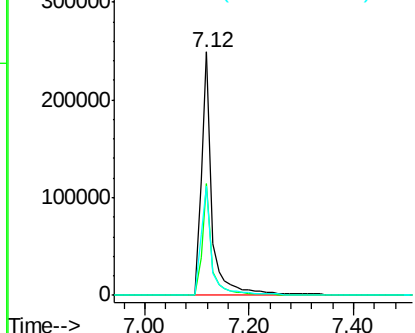
#23
Nitrobenzene-d5
Concen: 114.42 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089360.D
Acq: 28 Jul 2016 11:45

Instrument :
BNA_F
ClientSampleId :
I-11

Tgt Ion: 82 Resp: 355454
Ion Ratio Lower Upper
82 100
128 45.7 32.5 48.7
54 44.9 38.8 58.2

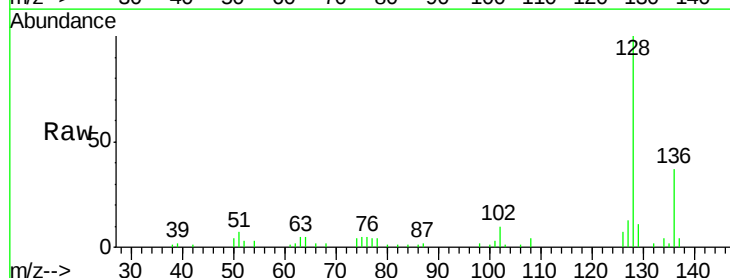


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

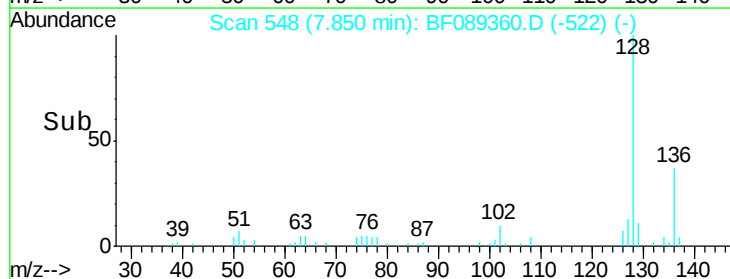
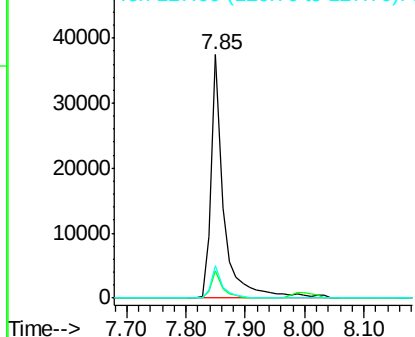


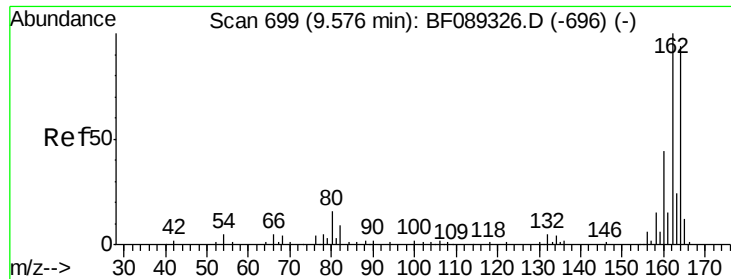
#31
Naphthalene
Concen: 6.11 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089360.D
Acq: 28 Jul 2016 11:45

Tgt Ion: 128 Resp: 55463
Ion Ratio Lower Upper
128 100
129 11.3 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

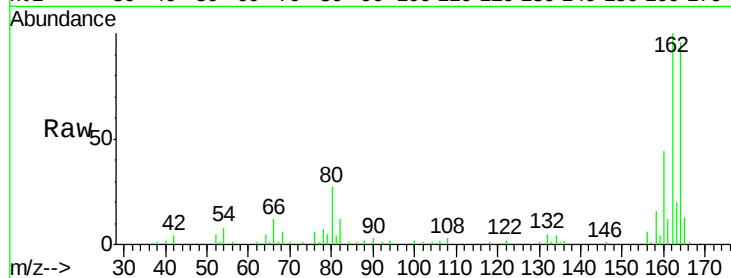




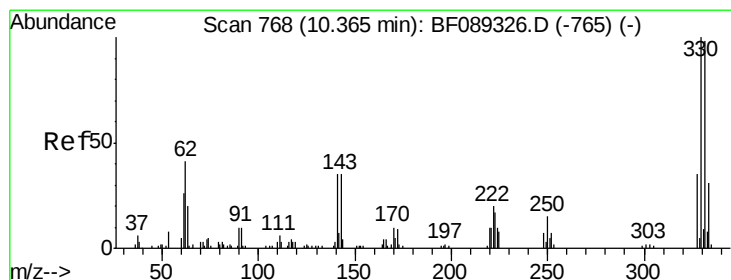
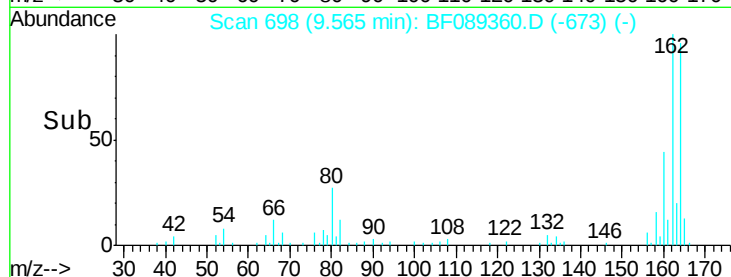
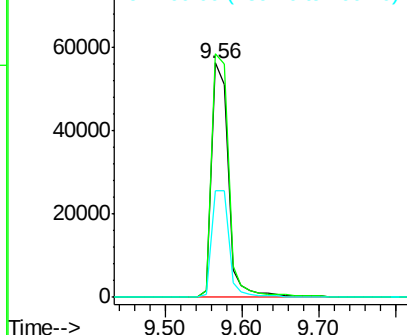
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF089360.D
Acq: 28 Jul 2016 11:45

Instrument :
BNA_F
ClientSampleId :
I-11

Tgt Ion:164 Resp: 85206
Ion Ratio Lower Upper
164 100
162 103.9 83.7 125.5
160 45.7 37.8 56.6

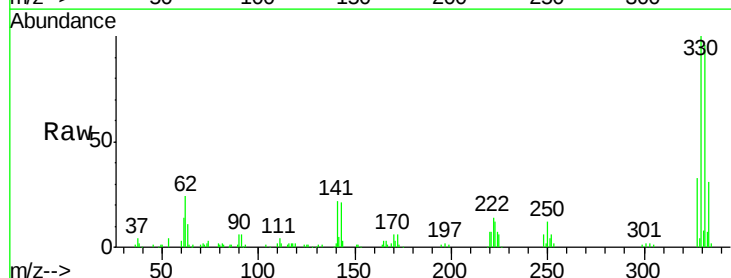


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

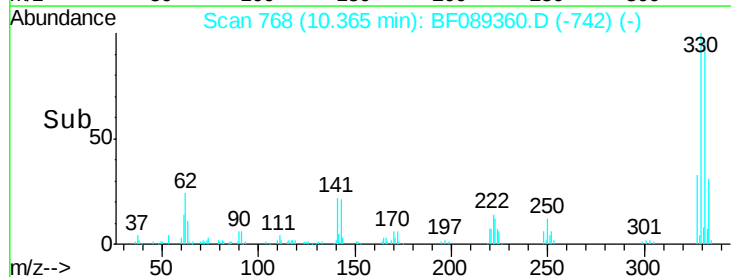
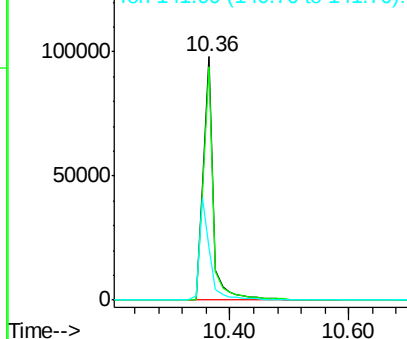


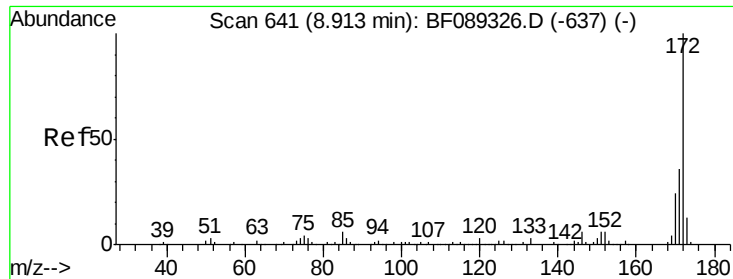
#41
2,4,6-Tribromophenol
Concen: 171.01 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF089360.D
Acq: 28 Jul 2016 11:45

Tgt Ion:330 Resp: 120682
Ion Ratio Lower Upper
330 100
332 95.4 76.8 115.2
141 43.4 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

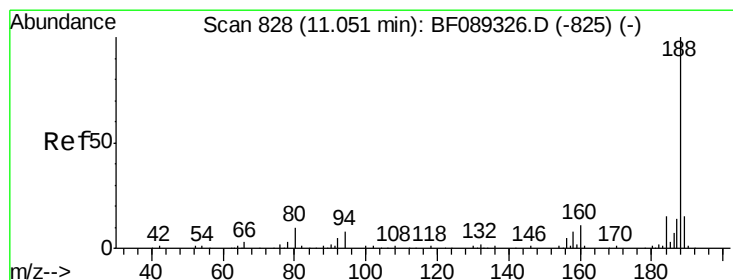
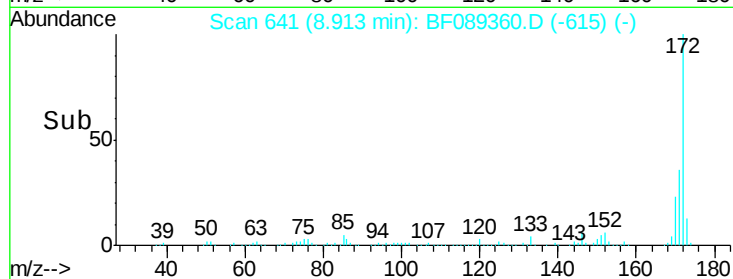
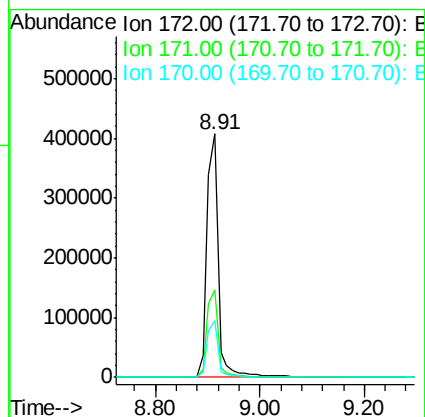
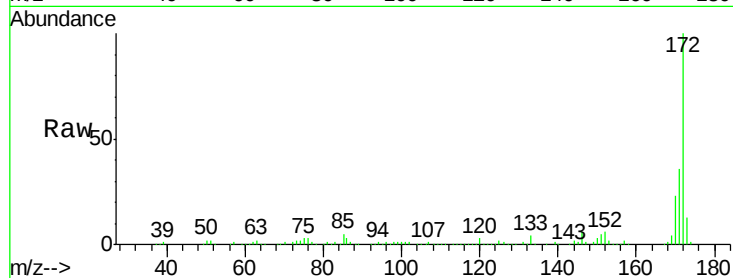




#44
 2-Fluorobiphenyl
 Concen: 106.47 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089360.D
 Acq: 28 Jul 2016 11:45

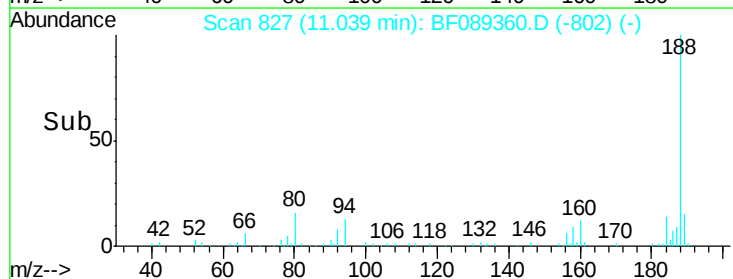
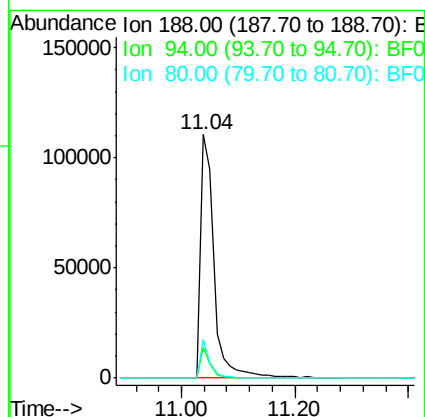
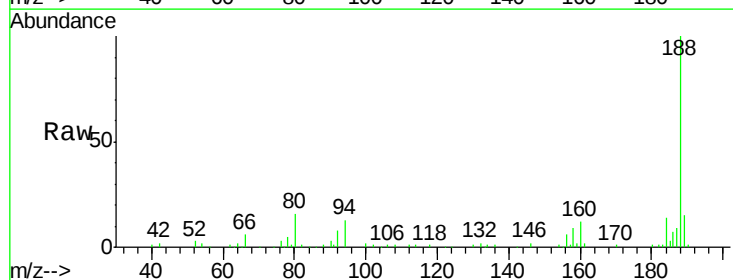
Instrument :
 BNA_F
 ClientSampleId :
 I-11

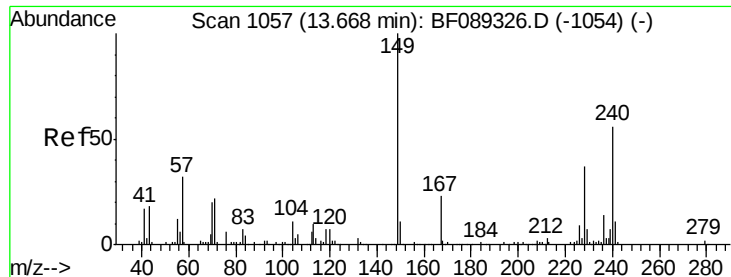
Tgt Ion:172 Resp: 618164
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 23.4 19.2 28.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF089360.D
 Acq: 28 Jul 2016 11:45

Tgt Ion:188 Resp: 177574
 Ion Ratio Lower Upper
 188 100
 94 12.7 6.5 9.7#
 80 15.8 7.2 10.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089360.D

Acq: 28 Jul 2016 11:45

Instrument :

BNA_F

ClientSampled :

I-11

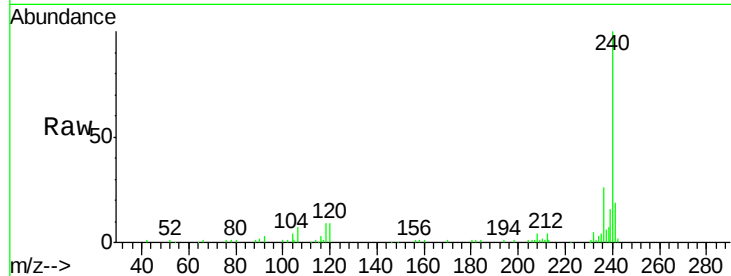
Tgt Ion:240 Resp: 128158

Ion Ratio Lower Upper

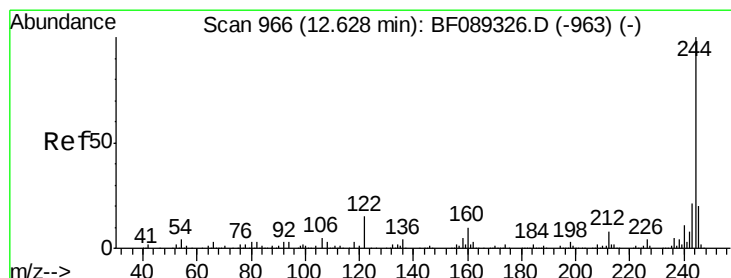
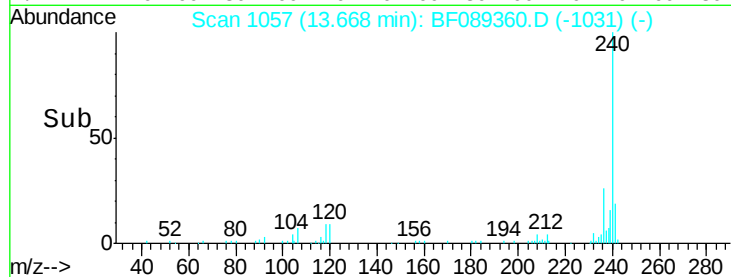
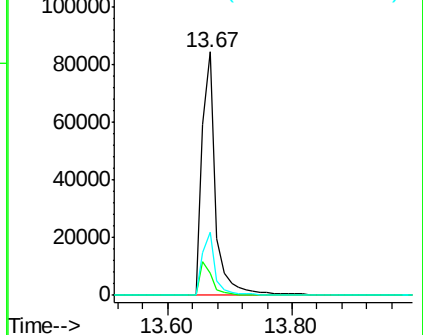
240 100

120 9.3 9.1 13.7

236 26.0 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: 101.84 ng

RT: 12.63 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF089360.D

Acq: 28 Jul 2016 11:45

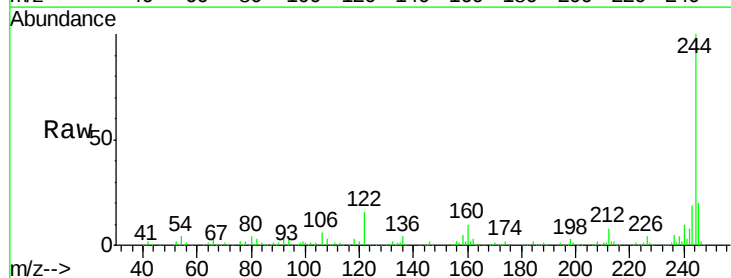
Tgt Ion:244 Resp: 557649

Ion Ratio Lower Upper

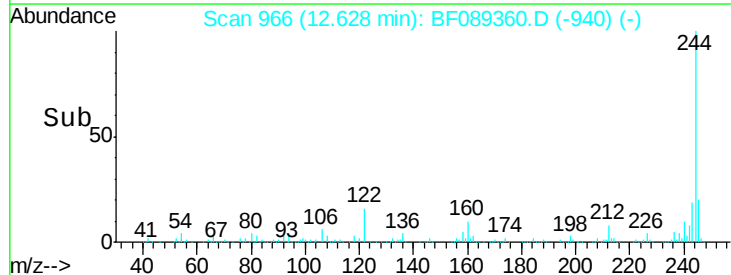
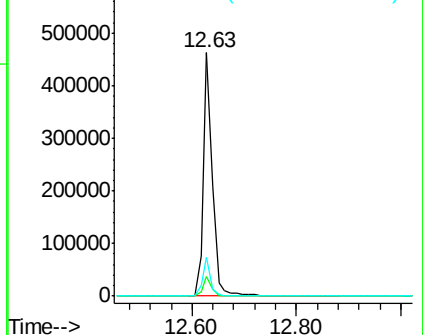
244 100

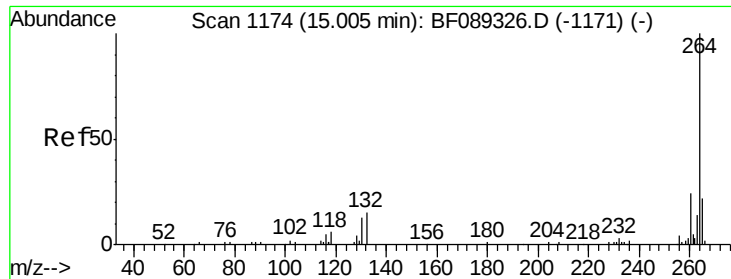
212 8.2 6.5 9.7

122 16.1 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





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF089360.D
Acq: 28 Jul 2016 11:45

Instrument :
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I-11

Tgt Ion: 264 Resp: 96497
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 20.8 17.5 26.3

