

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072816\
 Data File : BF089352.D
 Acq On : 28 Jul 2016 7:55
 Operator : UM/SJ
 Sample : H4157-25
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-22

Quant Time: Jul 28 08:26:57 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

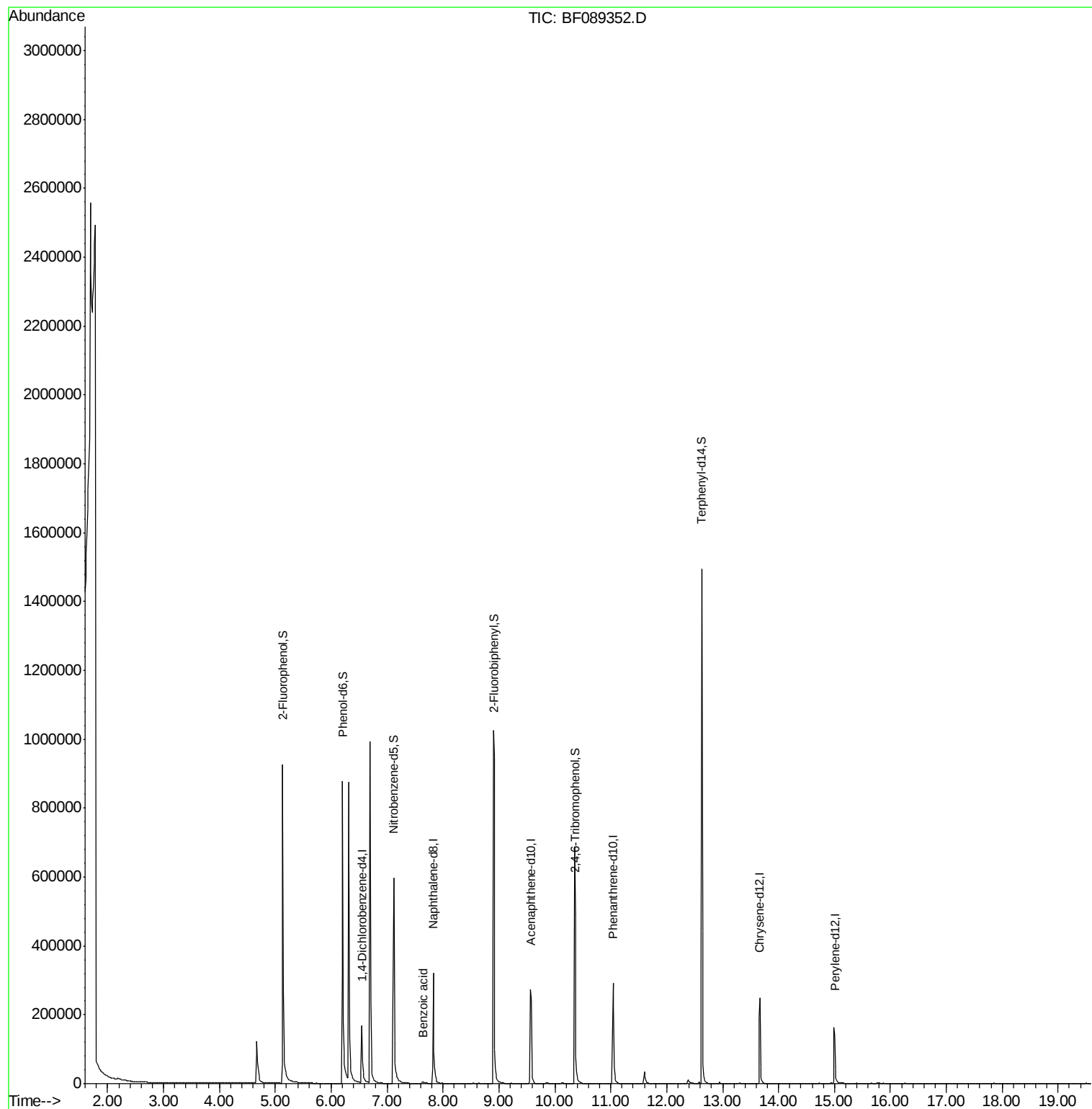
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	40851	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	188877	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	85066	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	174174	20.00	ng	-0.01
75) Chrysene-d12	13.67	240	132194	20.00	ng	0.00
86) Perylene-d12	15.01	264	101638	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	324927	127.00	ng	0.02
7) Phenol-d6	6.20	99	436414	129.08	ng	0.00
23) Nitrobenzene-d5	7.12	82	311530	97.36	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	109017	154.74	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	555617	95.86	ng	0.00
78) Terphenyl-d14	12.63	244	518388	91.78	ng	0.00
Target Compounds						
32) Benzoic acid	7.64	122	5369	2.97	ng	Qvalue 91

(#) = 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: BF089352.D

Acq: 28 Jul 2016 7:55

Instrument :

BNA_F

ClientSampleId :

I-22

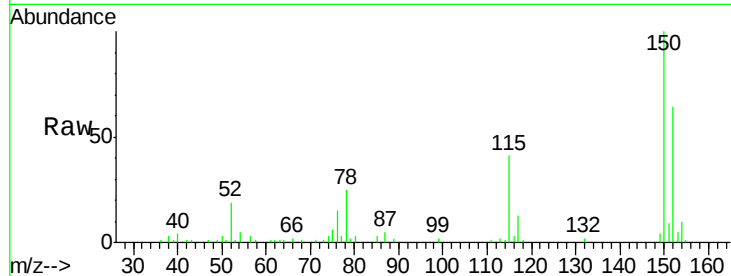
Tgt Ion:152 Resp: 40851

Ion Ratio Lower Upper

152 100

150 156.7 129.5 194.3

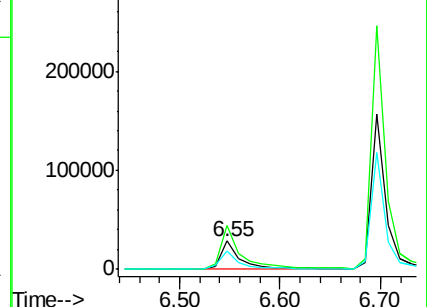
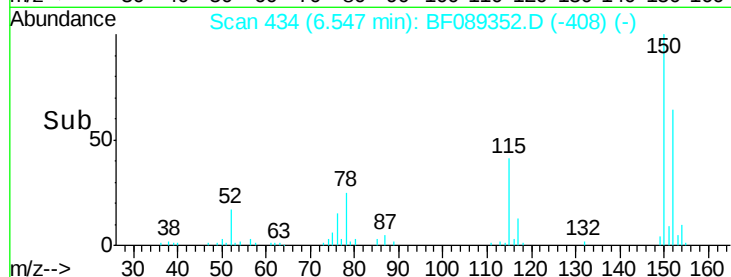
115 64.0 51.4 77.2



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: 127.00 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.02 min

Lab File: BF089352.D

Acq: 28 Jul 2016 7:55

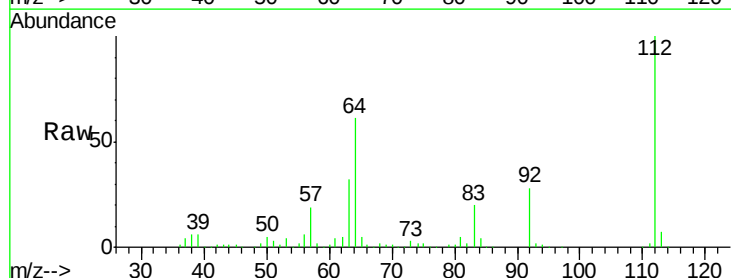
Tgt Ion:112 Resp: 324927

Ion Ratio Lower Upper

112 100

64 60.6 55.0 82.6

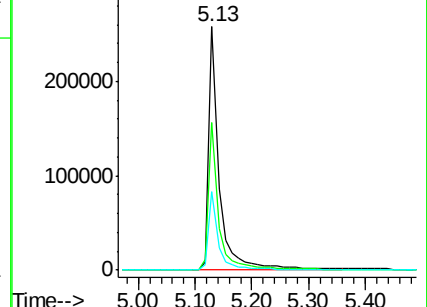
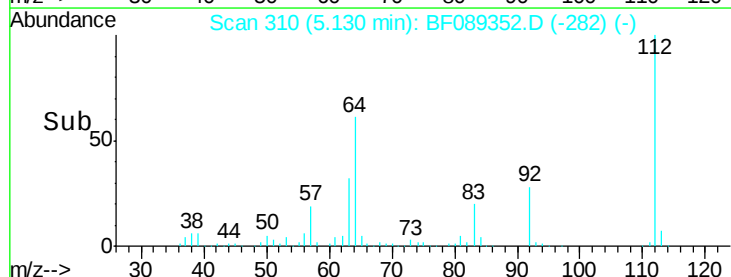
63 32.3 29.4 44.2

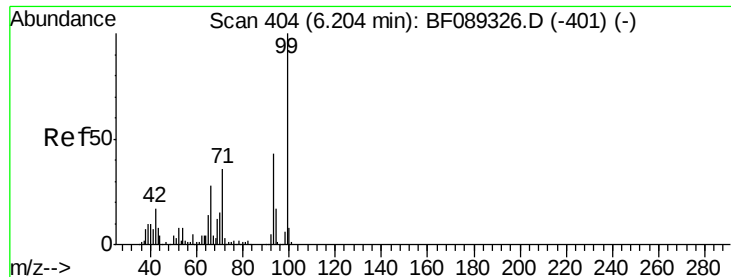


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.08 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089352.D

Acq: 28 Jul 2016 7:55

Instrument :

BNA_F

ClientSampleId :

I-22

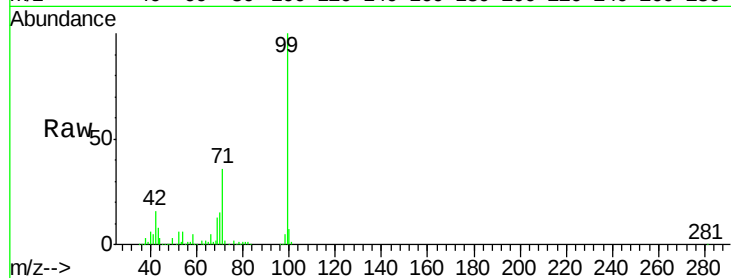
Tgt Ion: 99 Resp: 436414

Ion Ratio Lower Upper

99 100

42 16.1 13.6 20.4

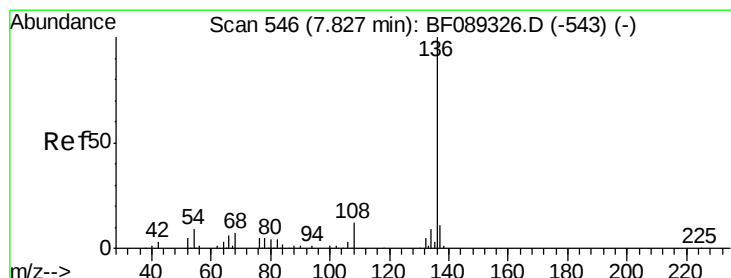
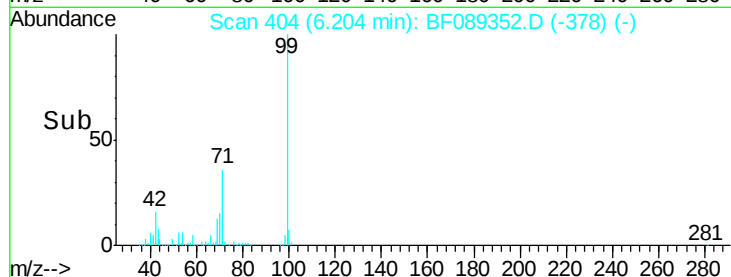
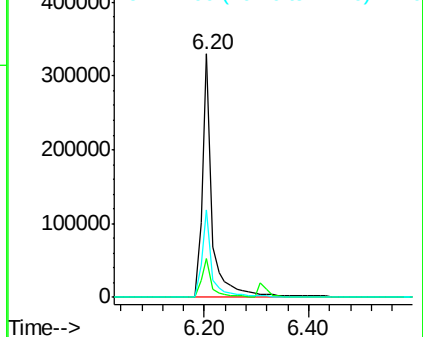
71 35.9 29.4 44.2



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: BF089352.D

Acq: 28 Jul 2016 7:55

Tgt Ion: 136 Resp: 188877

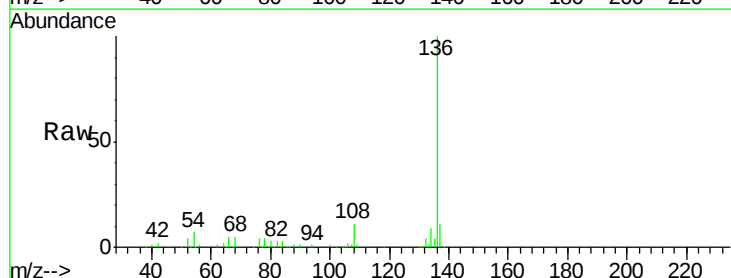
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 6.8 7.0 10.4#

68 5.3 4.9 7.3

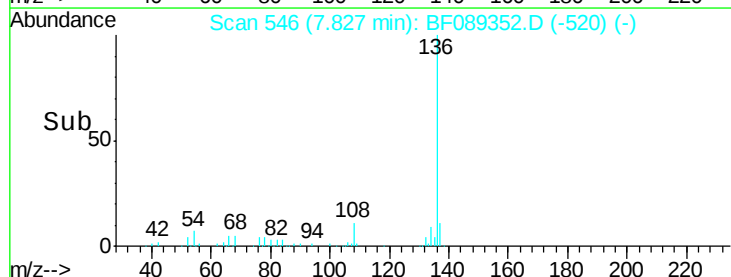
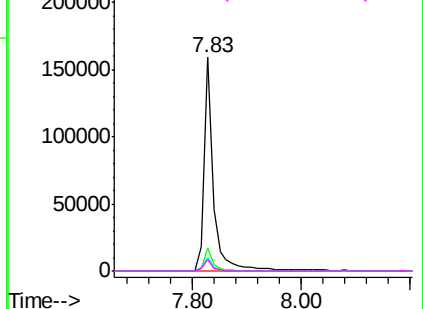


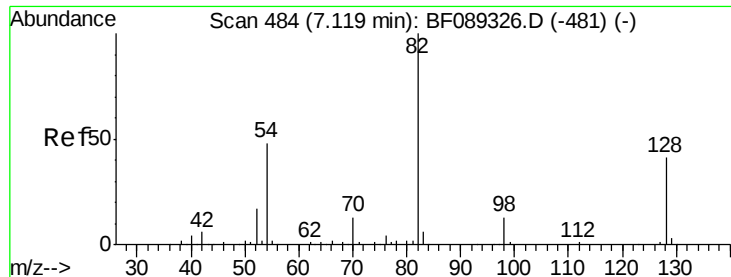
Abundance Ion 136.00 (135.70 to 136.70): E

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

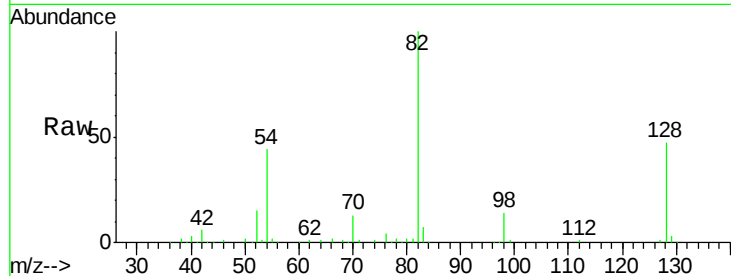




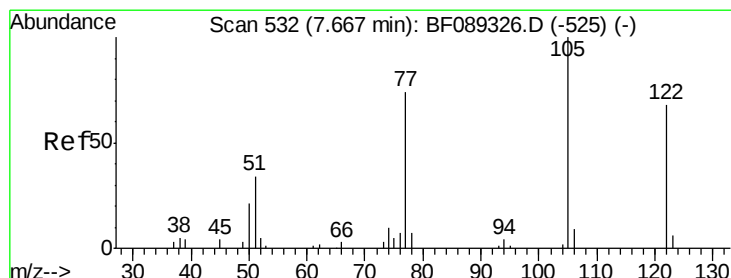
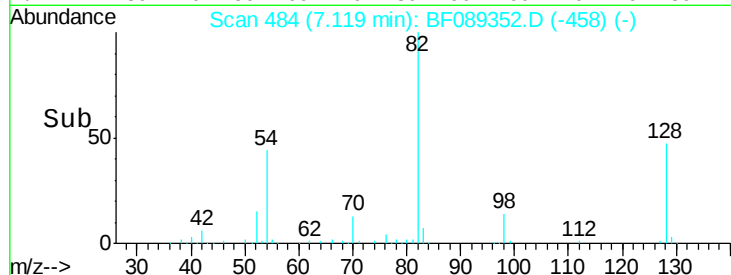
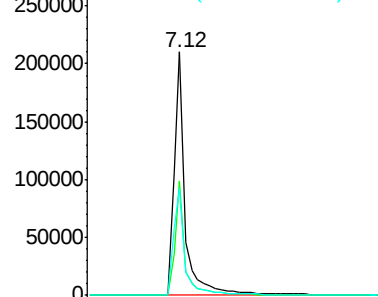
#23
 Nitrobenzene-d5
 Concen: 97.36 ng
 RT: 7.12 min Scan# 484
 Delta R.T. 0.00 min
 Lab File: BF089352.D
 Acq: 28 Jul 2016 7:55

Instrument :
 BNA_F
 ClientSampleId :
 I-22

Tgt Ion: 82 Resp: 311530
 Ion Ratio Lower Upper
 82 100
 128 47.0 32.5 48.7
 54 44.1 38.8 58.2

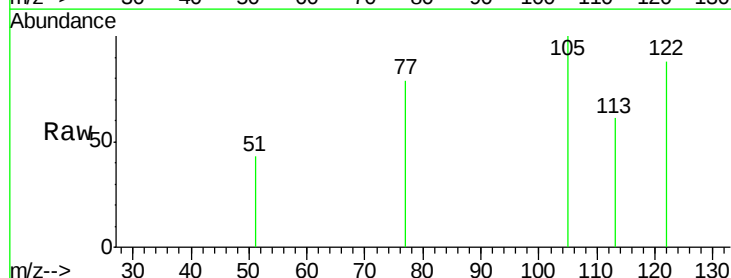


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

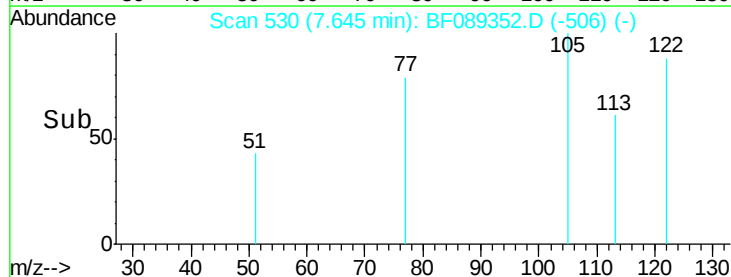
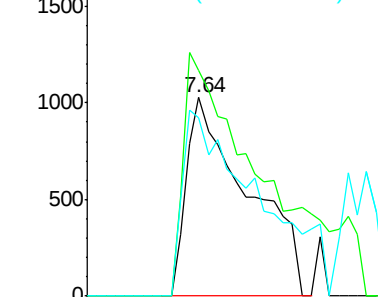


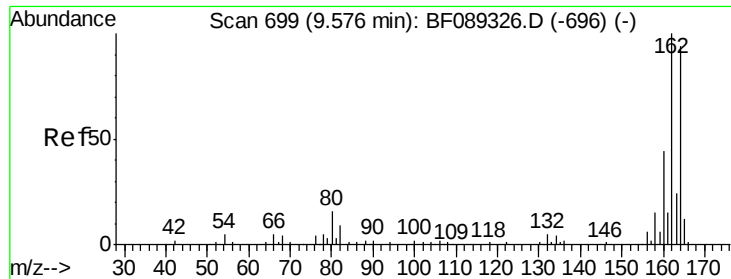
#32
 Benzoic acid
 Concen: 2.97 ng
 RT: 7.64 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: BF089352.D
 Acq: 28 Jul 2016 7:55

Tgt Ion: 122 Resp: 5369
 Ion Ratio Lower Upper
 122 100
 105 113.7 106.4 146.4
 77 89.6 76.4 116.4



Abundance Ion 122.00 (121.70 to 122.70): B
 Ion 105.00 (104.70 to 105.70): B
 Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF089352.D

Acq: 28 Jul 2016 7:55

Instrument :

BNA_F

ClientSampleId :

I-22

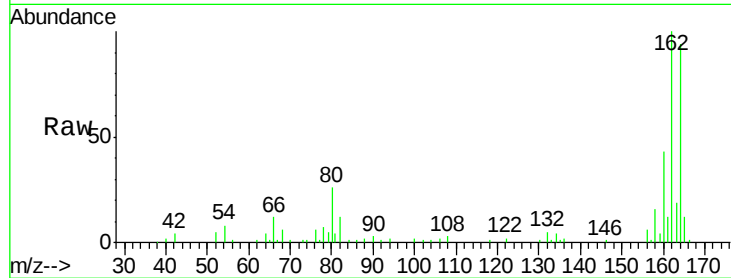
Tgt Ion:164 Resp: 85066

Ion Ratio Lower Upper

164 100

162 106.6 83.7 125.5

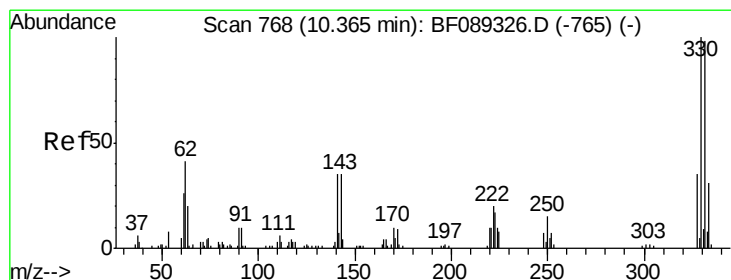
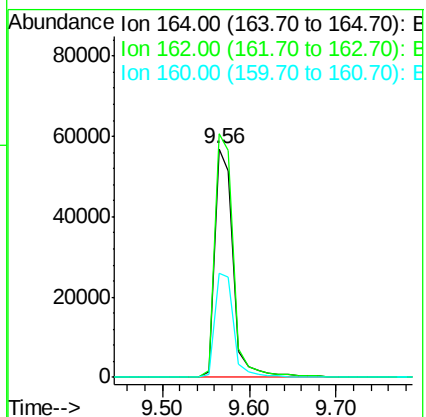
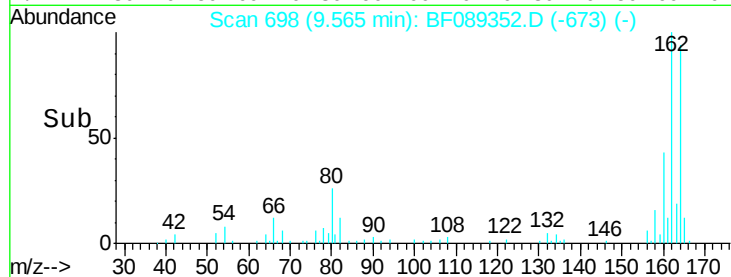
160 45.8 37.8 56.6



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: 154.74 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF089352.D

Acq: 28 Jul 2016 7:55

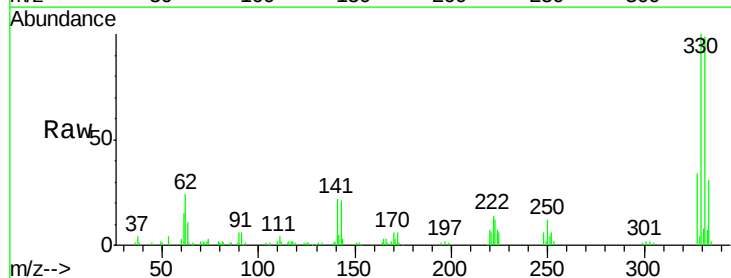
Tgt Ion:330 Resp: 109017

Ion Ratio Lower Upper

330 100

332 98.2 76.8 115.2

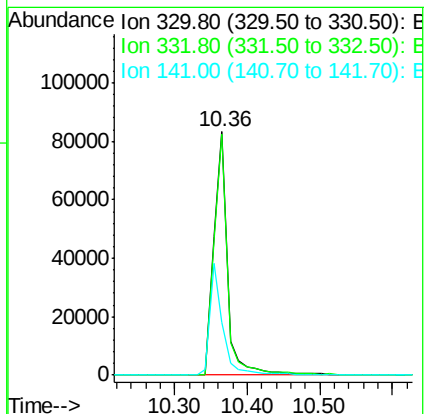
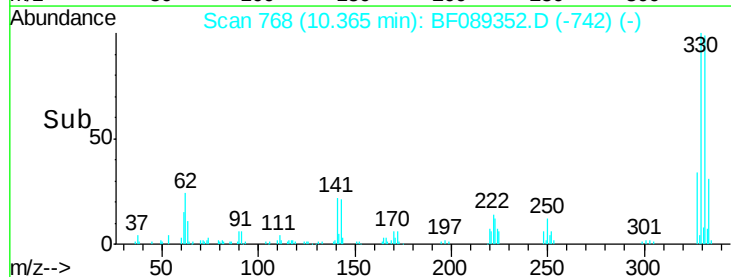
141 43.9 37.3 55.9

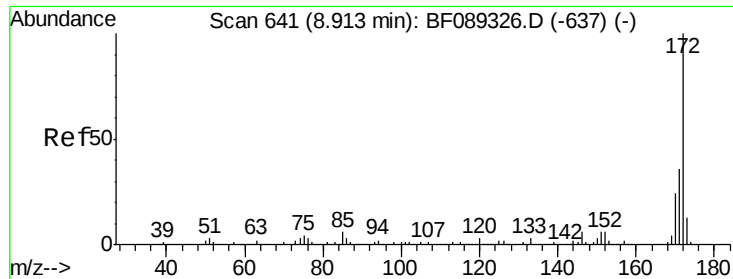


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

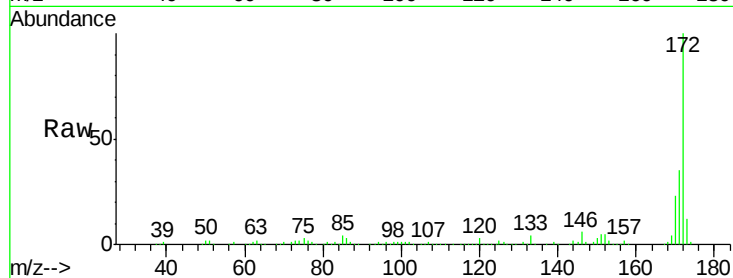




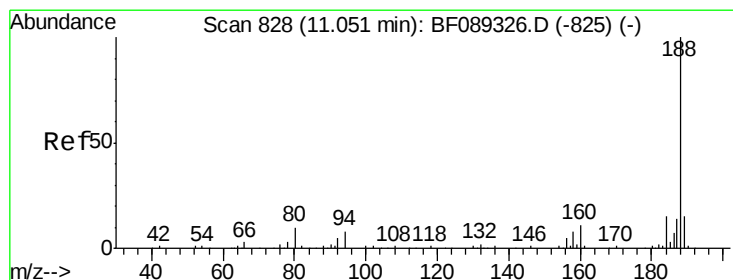
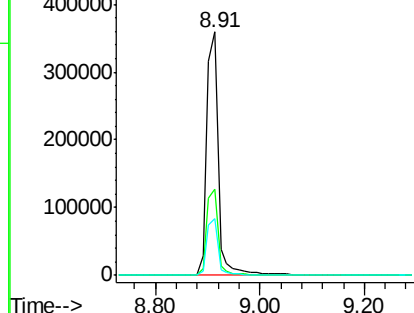
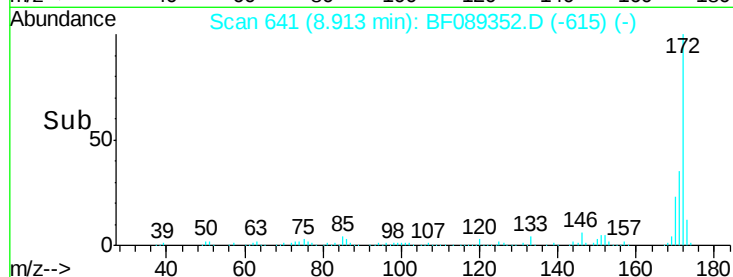
#44
 2-Fluorobiphenyl
 Concen: 95.86 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089352.D
 Acq: 28 Jul 2016 7:55

Instrument :
 BNA_F
 ClientSampleId :
 I-22

Tgt Ion:172 Resp: 555617
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.2 43.8
 170 23.3 19.2 28.8

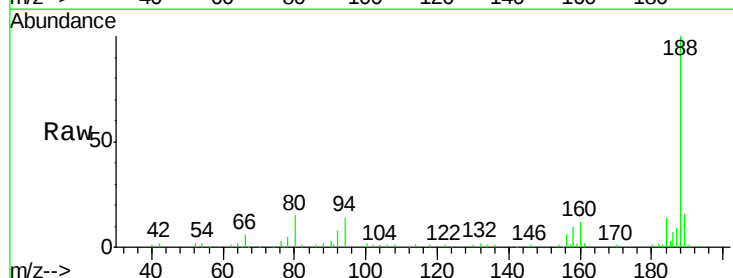


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

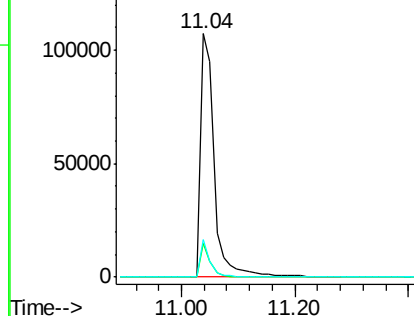
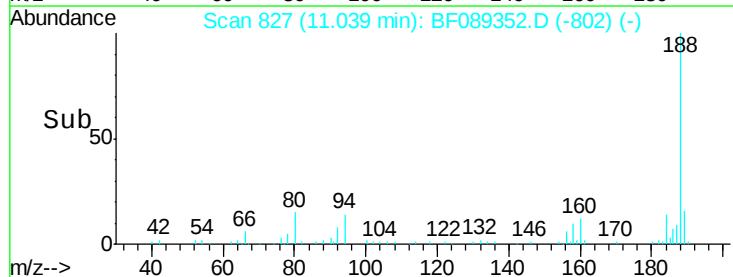


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF089352.D
 Acq: 28 Jul 2016 7:55

Tgt Ion:188 Resp: 174174
 Ion Ratio Lower Upper
 188 100
 94 13.7 6.5 9.7#
 80 15.3 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: BF089352.D

Acq: 28 Jul 2016 7:55

Instrument :

BNA_F

ClientSampleId :

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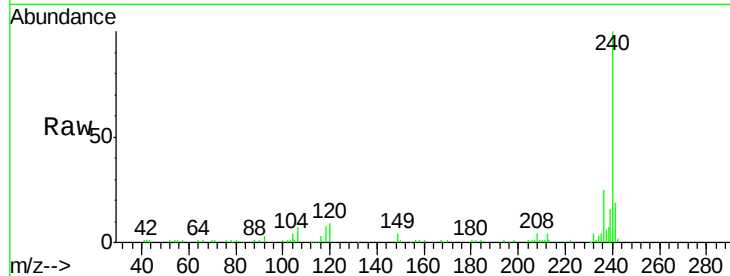
Tgt Ion:240 Resp: 132194

Ion Ratio Lower Upper

240 100

120 9.1 9.1 13.7#

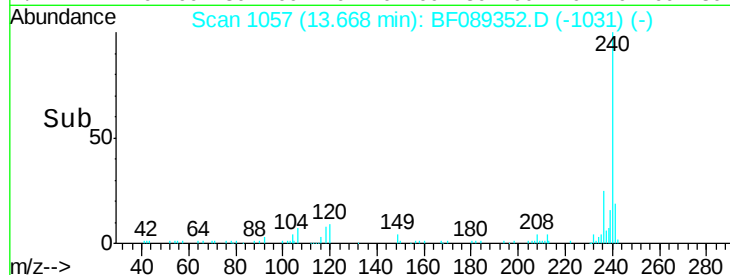
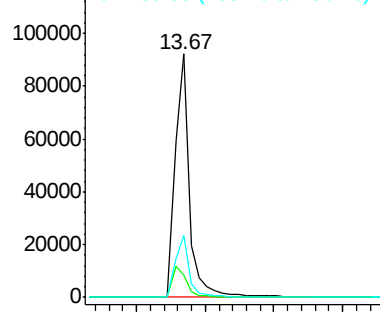
236 25.3 20.6 30.8



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: 91.78 ng

RT: 12.63 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF089352.D

Acq: 28 Jul 2016 7:55

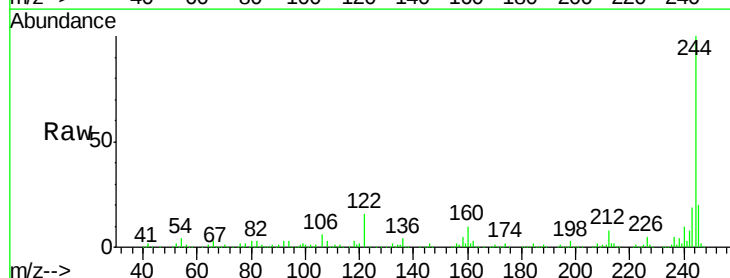
Tgt Ion:244 Resp: 518388

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

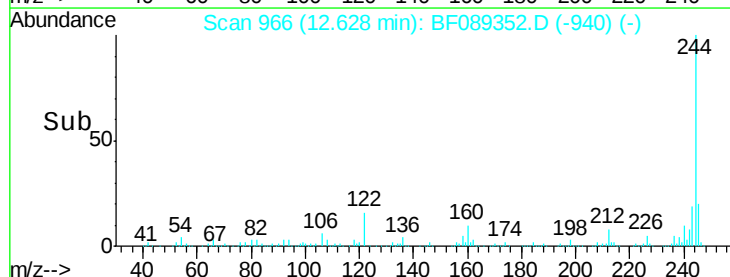
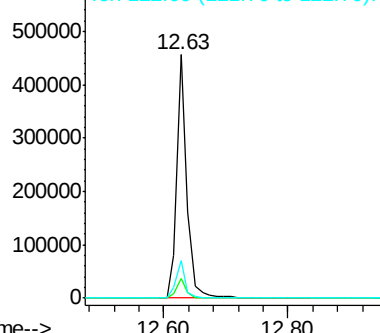
122 15.6 11.4 17.0

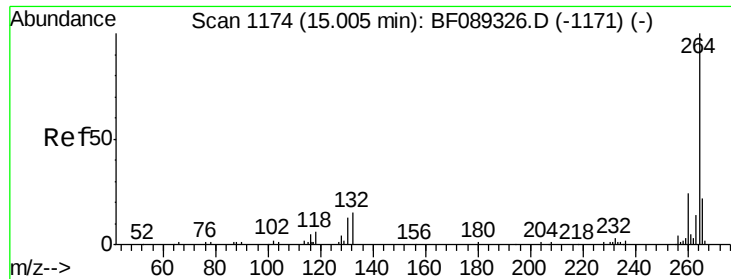


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

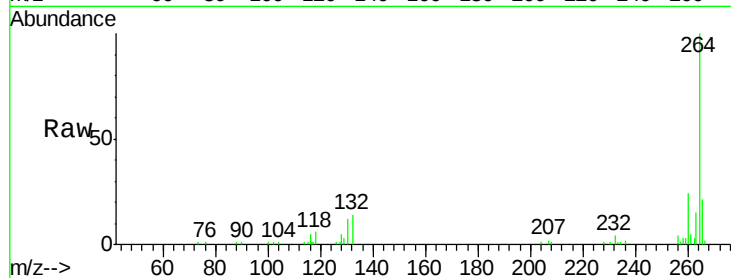




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF089352.D
Acq: 28 Jul 2016 7:55

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 264 Resp: 101638
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 21.1 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

