

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072816\
 Data File : BF089363.D
 Acq On : 28 Jul 2016 13:11
 Operator : UM/SJ
 Sample : H4155-23
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-14

Quant Time: Jul 28 13:47:32 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	42659	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	197175	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	90973	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	188742	20.00	ng	-0.01
75) Chrysene-d12	13.67	240	133344	20.00	ng	0.00
86) Perylene-d12	15.01	264	96867	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	350421	131.16	ng	0.02
7) Phenol-d6	6.20	99	472278	133.76	ng	0.00
23) Nitrobenzene-d5	7.12	82	344435	103.11	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	117278	155.65	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	604982	97.60	ng	0.00
78) Terphenyl-d14	12.63	244	537902	94.41	ng	0.00

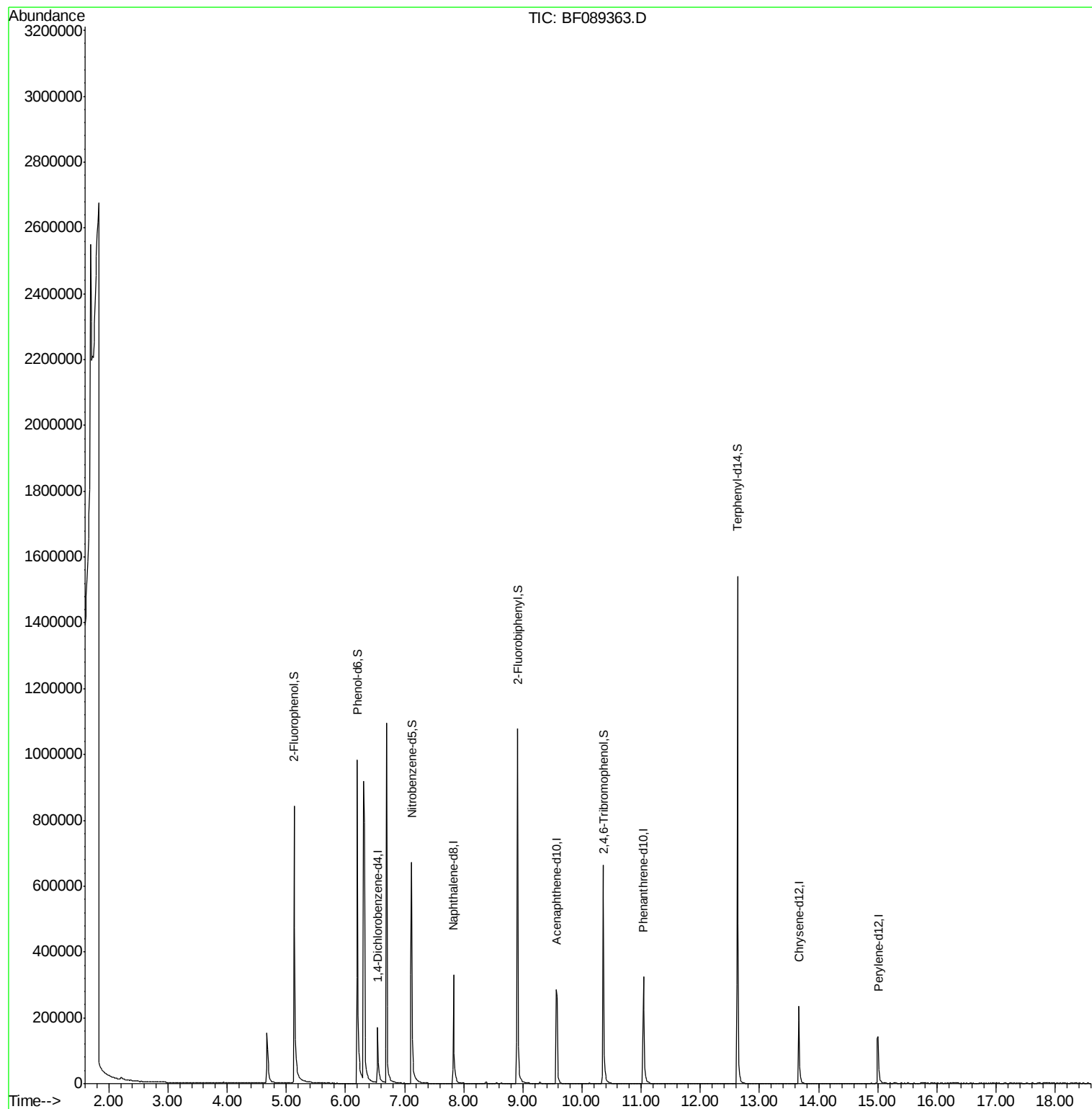
Target Compounds	Qvalue
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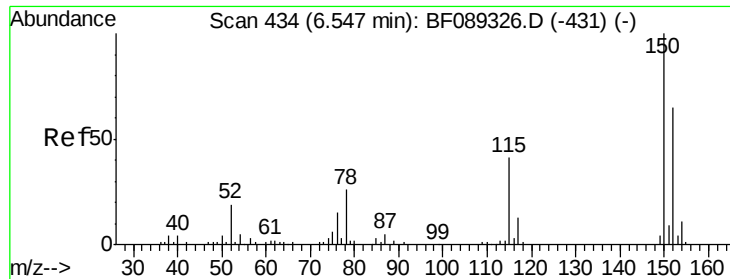
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089363.D

Acq: 28 Jul 2016 13:11

Instrument :

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ClientSampleId :

I-14

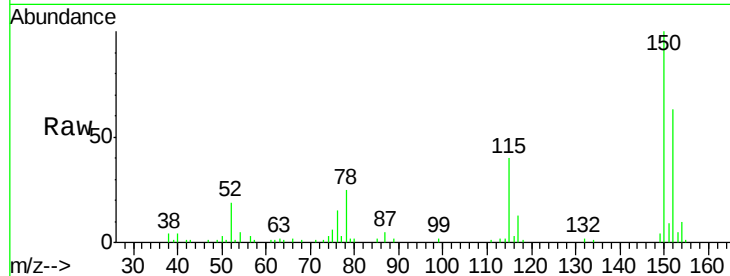
Tgt Ion:152 Resp: 42659

Ion Ratio Lower Upper

152 100

150 157.9 129.5 194.3

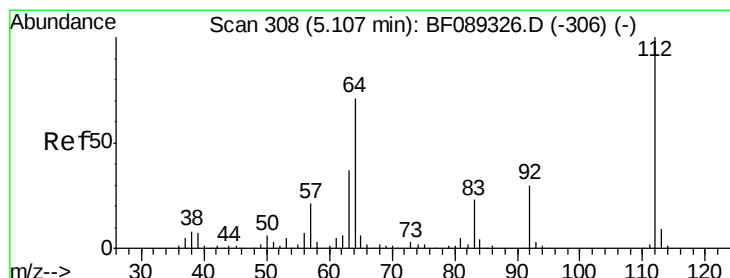
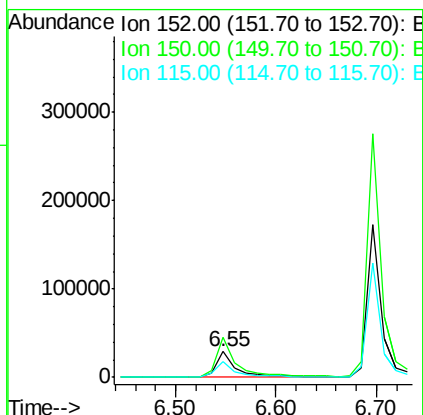
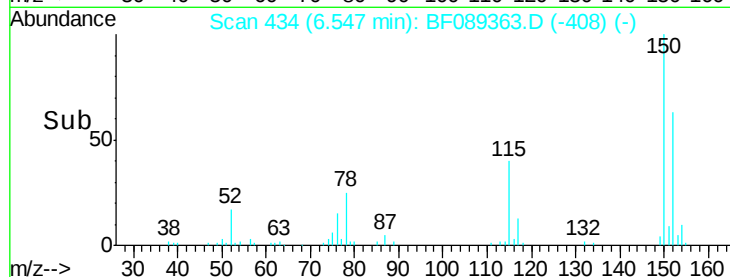
115 62.7 51.4 77.2



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: 131.16 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.02 min

Lab File: BF089363.D

Acq: 28 Jul 2016 13:11

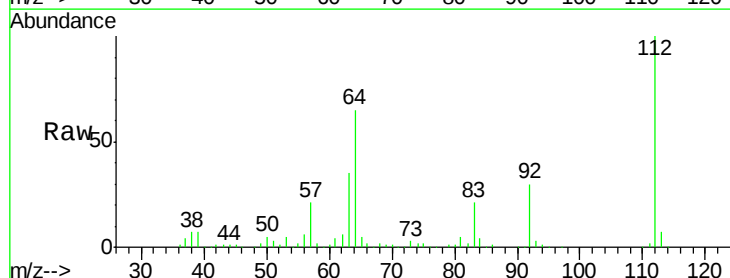
Tgt Ion:112 Resp: 350421

Ion Ratio Lower Upper

112 100

64 65.3 55.0 82.6

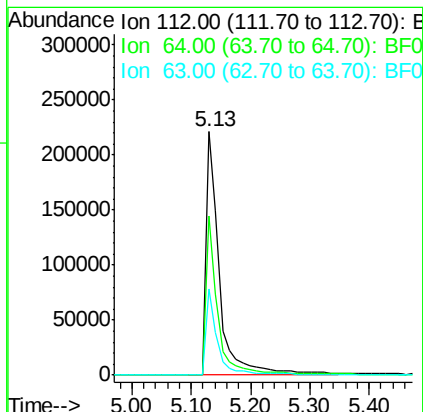
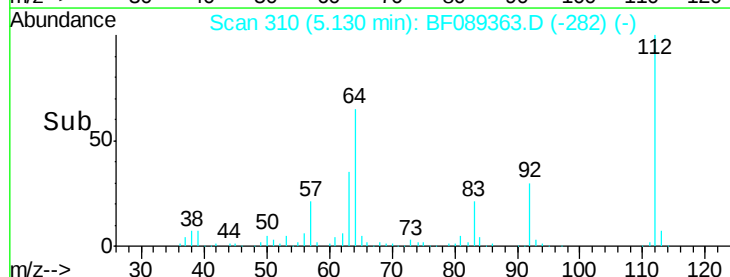
63 35.1 29.4 44.2

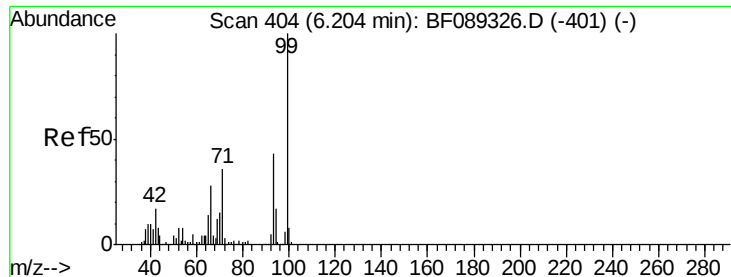


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.76 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089363.D

Acq: 28 Jul 2016 13:11

Instrument :

BNA_F

ClientSampleId :

I-14

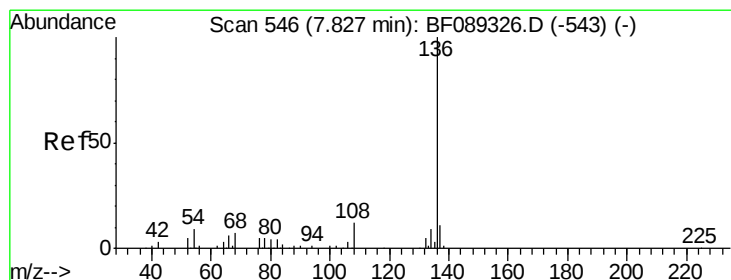
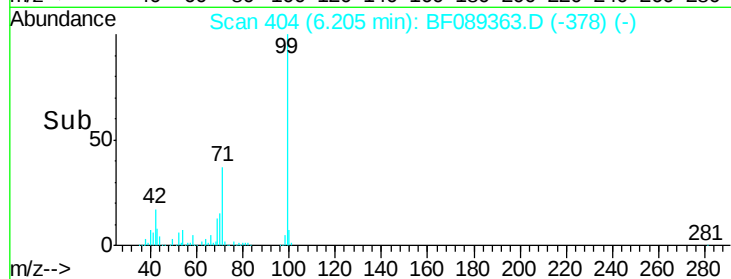
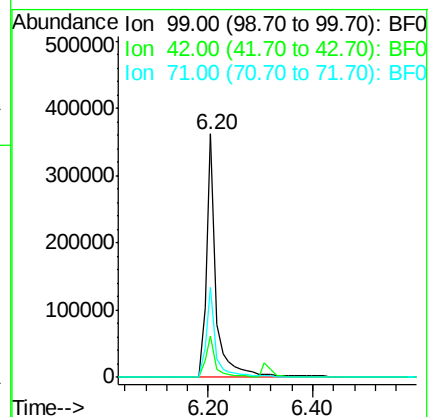
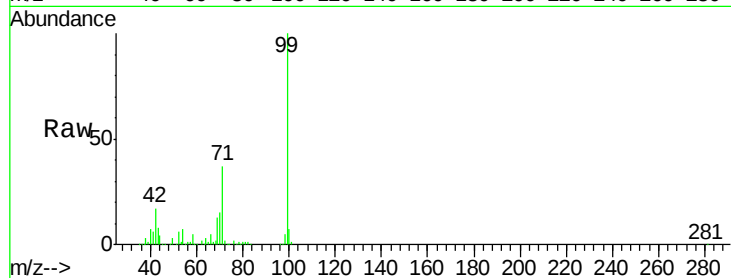
Tgt Ion: 99 Resp: 472278

Ion Ratio Lower Upper

99 100

42 16.7 13.6 20.4

71 37.1 29.4 44.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF089363.D

Acq: 28 Jul 2016 13:11

Tgt Ion: 136 Resp: 197175

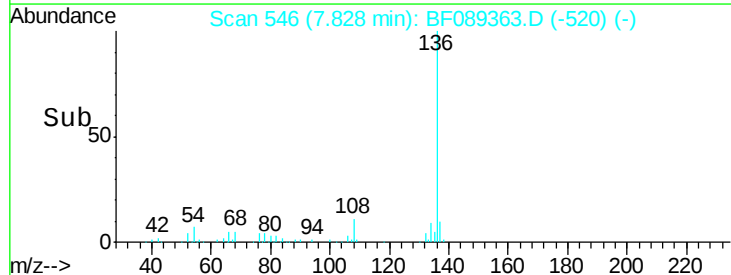
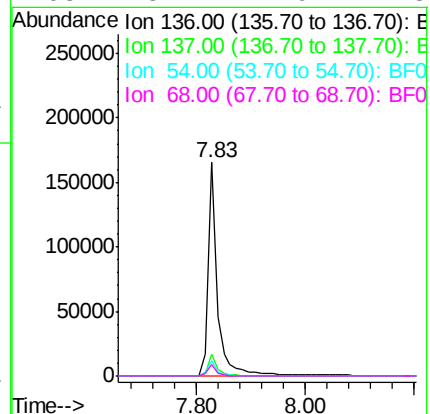
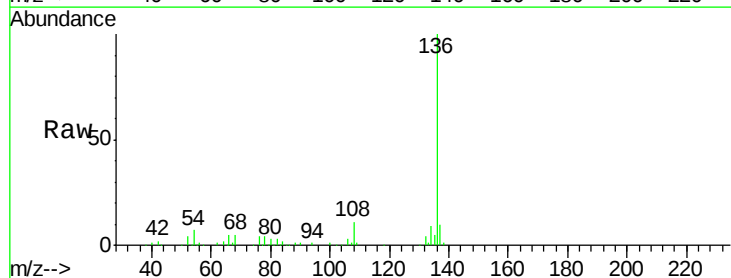
Ion Ratio Lower Upper

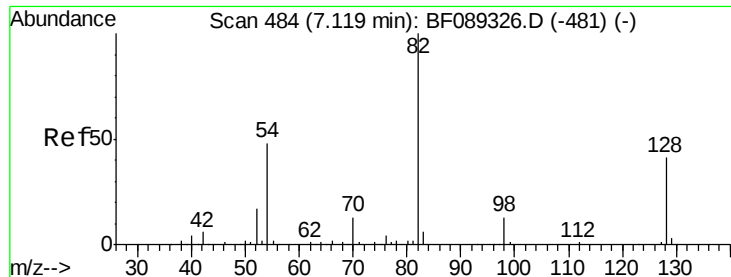
136 100

137 10.4 8.6 13.0

54 7.1 7.0 10.4

68 5.4 4.9 7.3

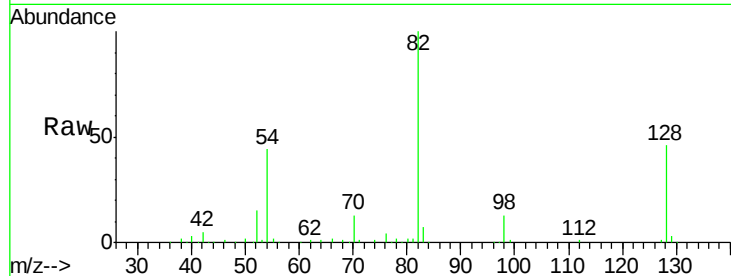




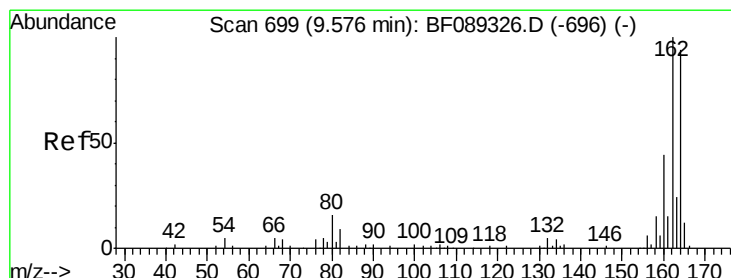
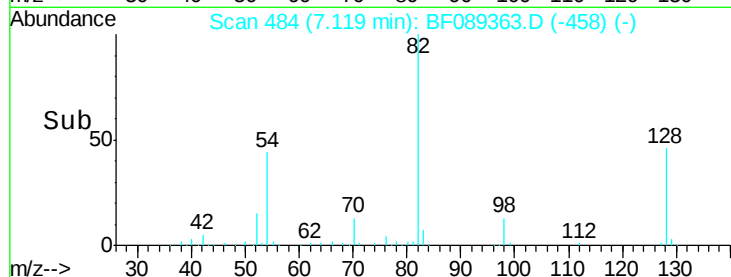
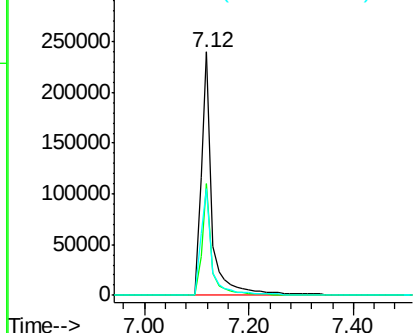
#23
 Nitrobenzene-d5
 Concen: 103.11 ng
 RT: 7.12 min Scan# 484
 Delta R.T. 0.00 min
 Lab File: BF089363.D
 Acq: 28 Jul 2016 13:11

Instrument :
 BNA_F
 ClientSampleId :
 I-14

Tgt Ion: 82 Resp: 344435
 Ion Ratio Lower Upper
 82 100
 128 46.0 32.5 48.7
 54 43.8 38.8 58.2

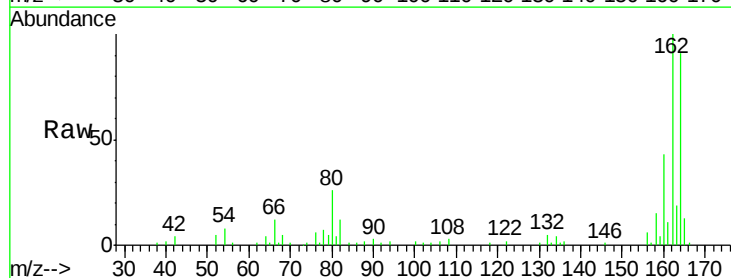


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

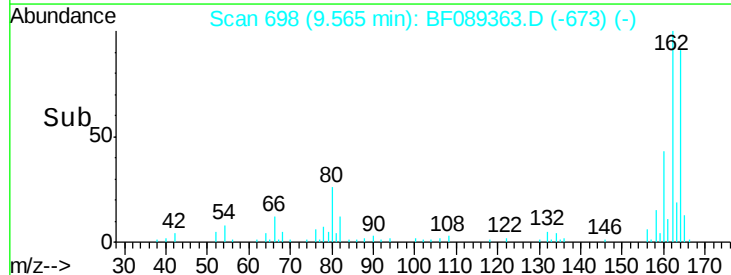
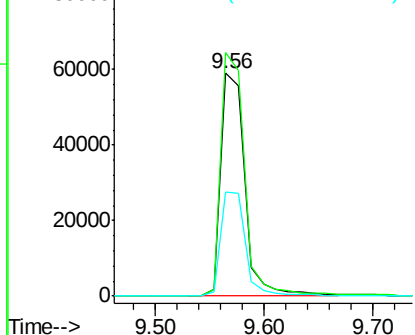


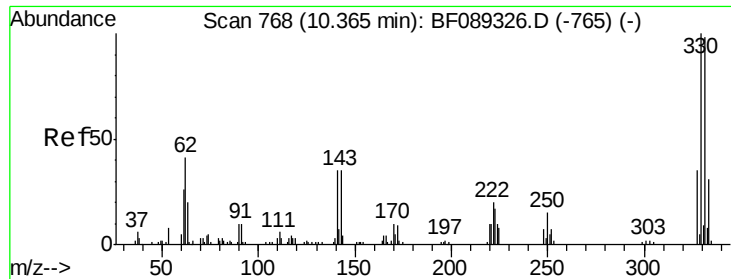
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF089363.D
 Acq: 28 Jul 2016 13:11

Tgt Ion: 164 Resp: 90973
 Ion Ratio Lower Upper
 164 100
 162 109.3 83.7 125.5
 160 46.9 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

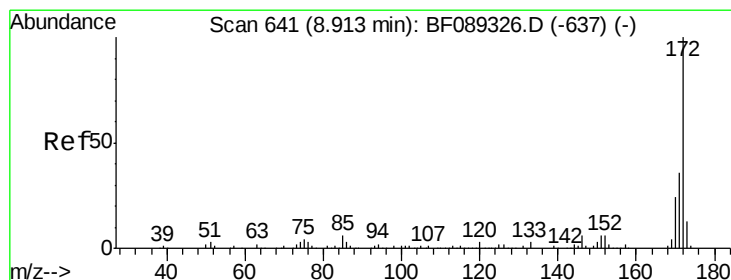
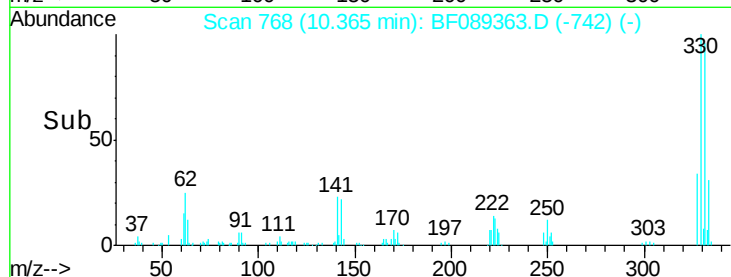
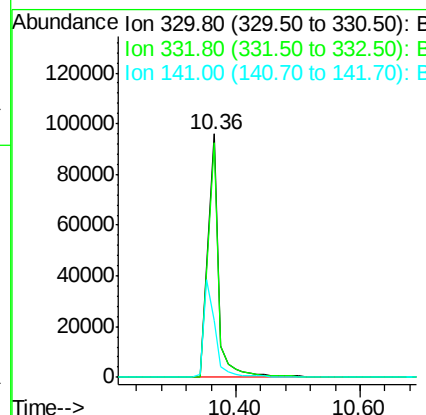
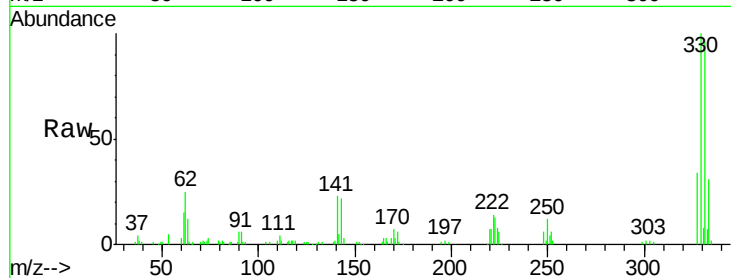




#41
 2,4,6-Tribromophenol
 Concen: 155.65 ng
 RT: 10.36 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF089363.D
 Acq: 28 Jul 2016 13:11

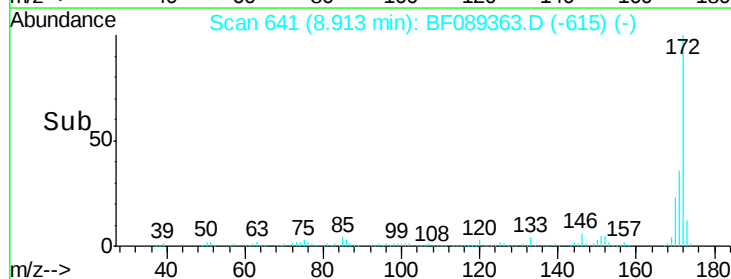
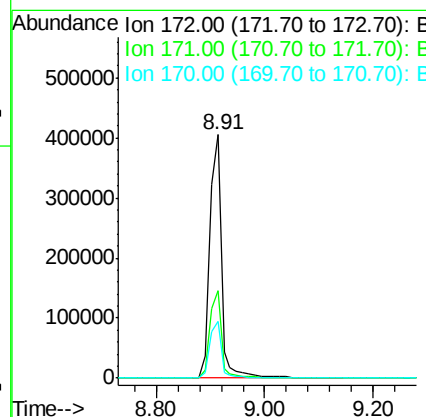
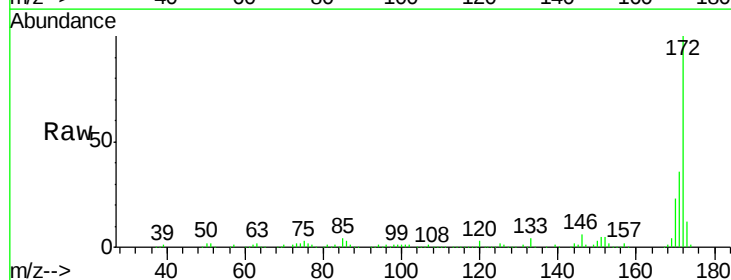
Instrument :
 BNA_F
 ClientSampleId :
 I-14

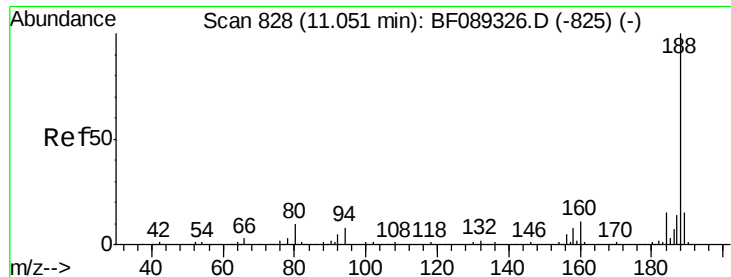
Tgt Ion:330 Resp: 117278
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.8 115.2
 141 43.2 37.3 55.9



#44
 2-Fluorobiphenyl
 Concen: 97.60 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089363.D
 Acq: 28 Jul 2016 13:11

Tgt Ion:172 Resp: 604982
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.3 19.2 28.8

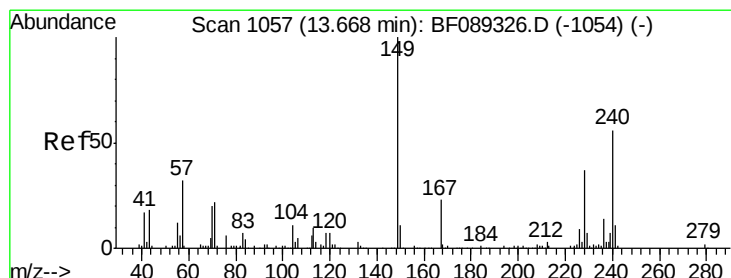
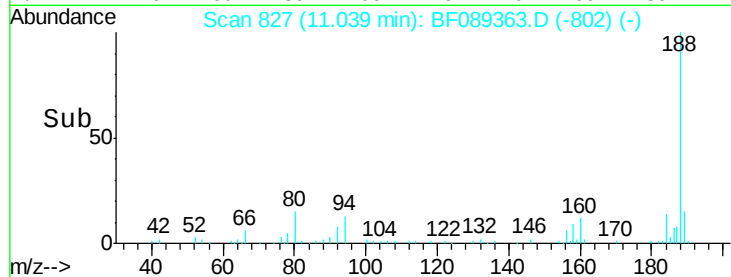
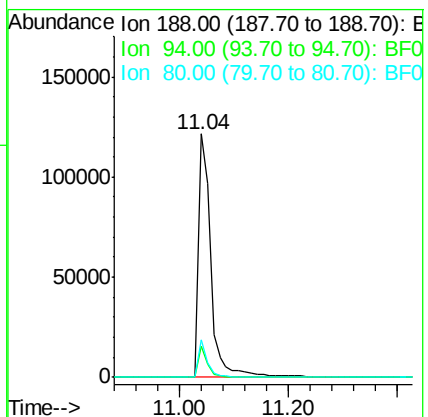
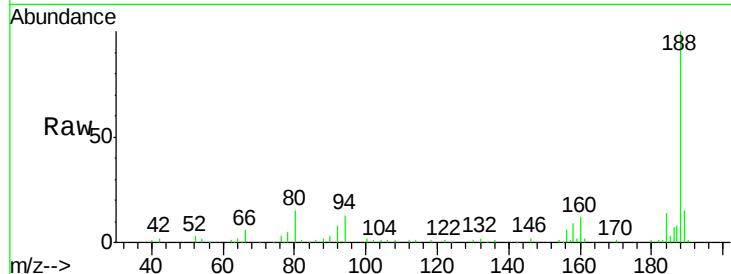




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF089363.D
Acq: 28 Jul 2016 13:11

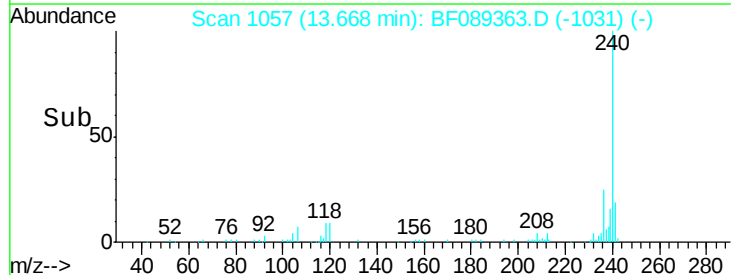
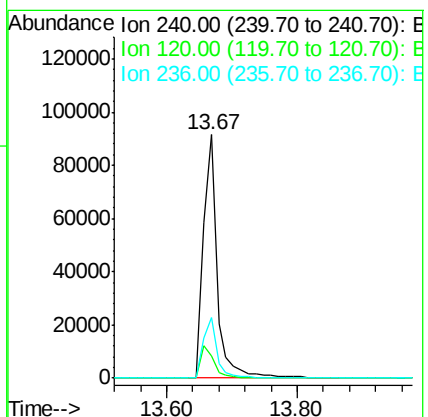
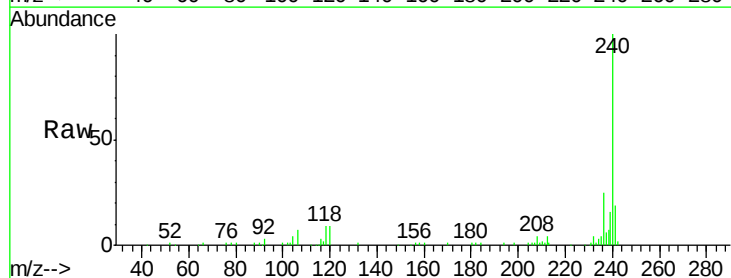
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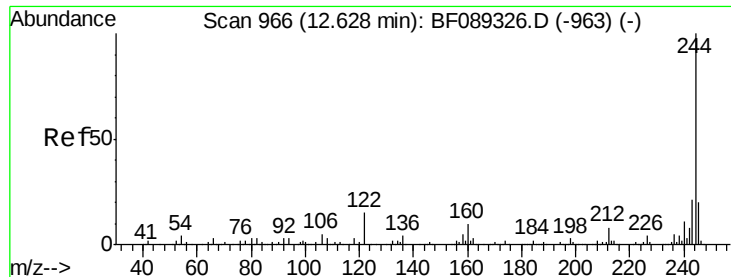
Tgt Ion:188 Resp: 188742
Ion Ratio Lower Upper
188 100
94 12.6 6.5 9.7#
80 15.2 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.67 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF089363.D
Acq: 28 Jul 2016 13:11

Tgt Ion:240 Resp: 133344
Ion Ratio Lower Upper
240 100
120 9.3 9.1 13.7
236 25.1 20.6 30.8

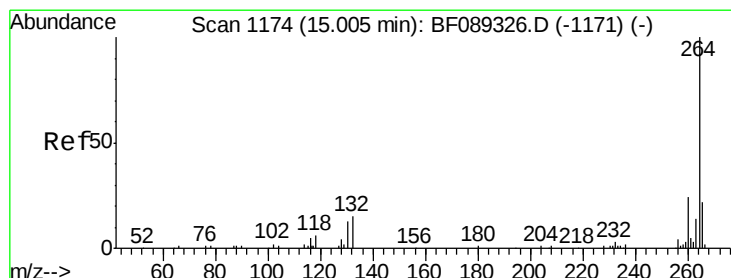
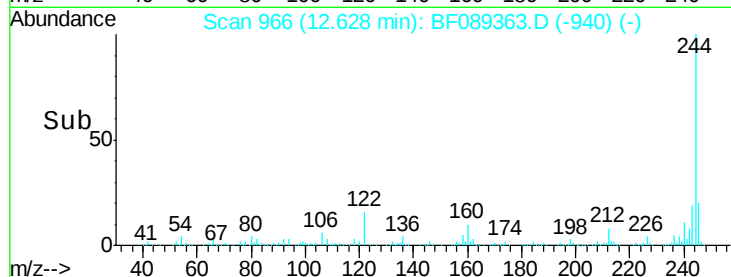
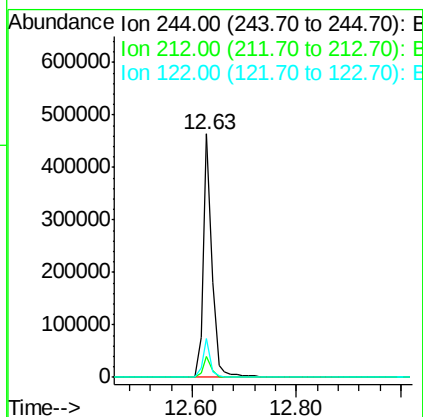
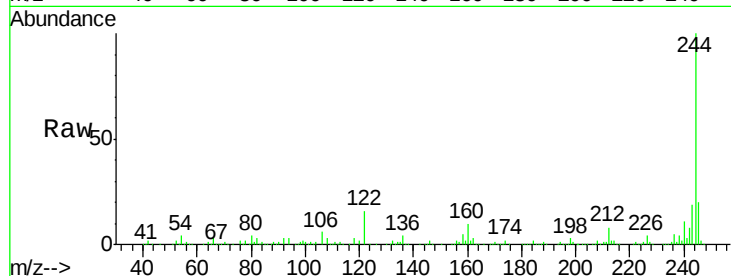




#78
 Terphenyl-d14
 Concen: 94.41 ng
 RT: 12.63 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF089363.D
 Acq: 28 Jul 2016 13:11

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 537902
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 16.0 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: BF089363.D
 Acq: 28 Jul 2016 13:11

Tgt Ion:264 Resp: 96867
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.2 17.5 26.3

