

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089400.D
 Acq On : 29 Jul 2016 9:20
 Operator : UM/SJ
 Sample : H4186-25
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-2

Quant Time: Jul 29 11:24:02 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	6.52	152	47404	20.00	ng	-0.02
21) Naphthalene-d8	7.82	136	177163	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	78004	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	118341	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	94022	20.00	ng	-0.02
86) Perylene-d12	14.98	264	82062	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	354870	119.53	ng	0.00
7) Phenol-d6	6.19	99	466780	118.97	ng	-0.01
23) Nitrobenzene-d5	7.10	82	291736	97.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	78453	121.44	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	510358	96.02	ng	-0.02
78) Terphenyl-d14	12.62	244	333621	83.05	ng	-0.01

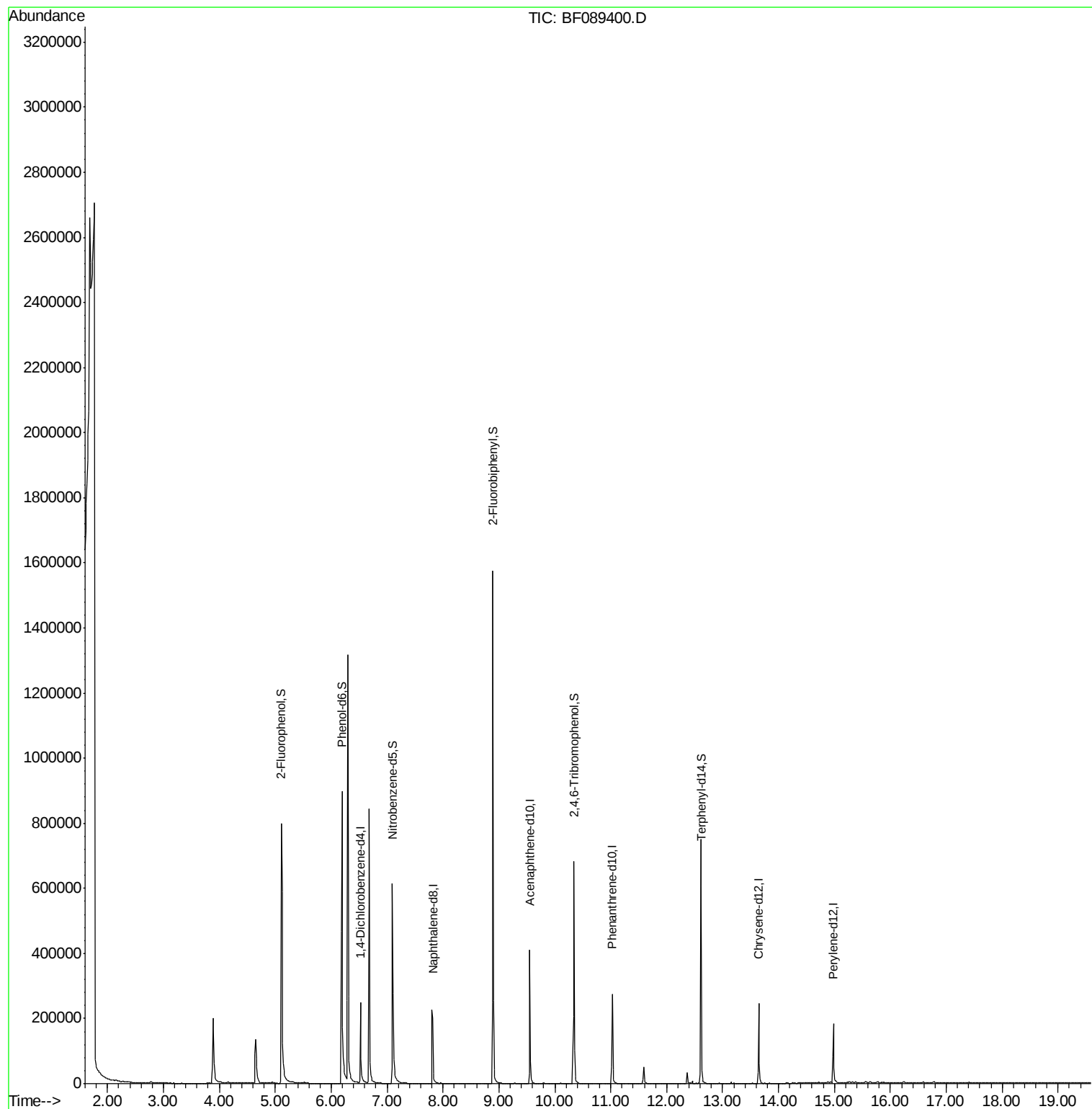
Target Compounds	Qvalue
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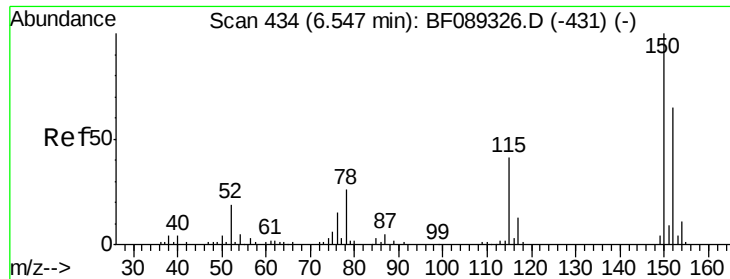
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 27 17:12:17 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF089400.D

Acq: 29 Jul 2016 9:20

Instrument :

BNA_F

ClientSampleId :

I-2

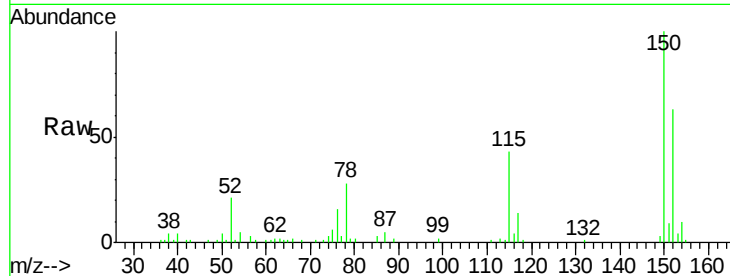
Tgt Ion:152 Resp: 47404

Ion Ratio Lower Upper

152 100

150 157.5 129.5 194.3

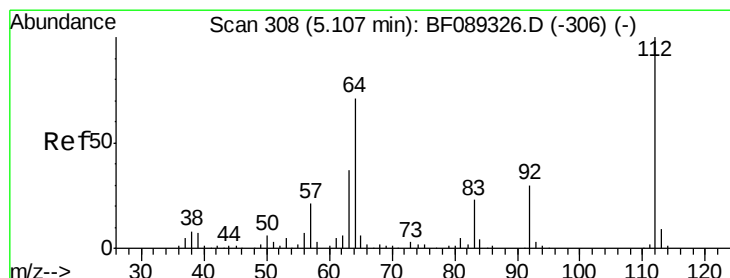
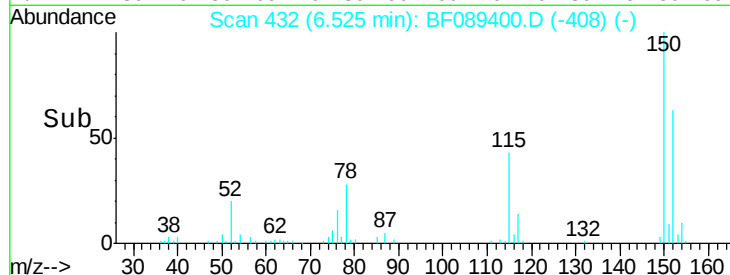
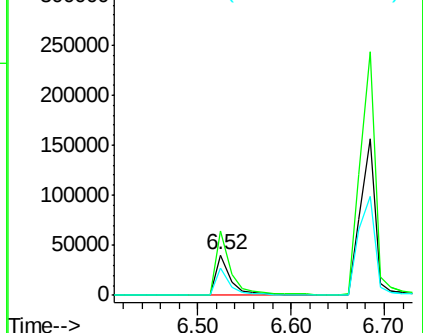
115 67.3 51.4 77.2



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: 119.53 ng

RT: 5.11 min Scan# 308

Delta R.T. 0.00 min

Lab File: BF089400.D

Acq: 29 Jul 2016 9:20

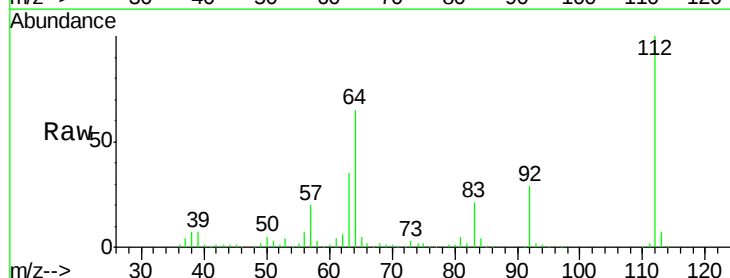
Tgt Ion:112 Resp: 354870

Ion Ratio Lower Upper

112 100

64 65.0 55.0 82.6

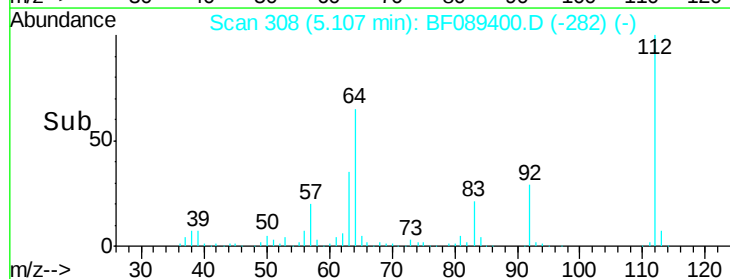
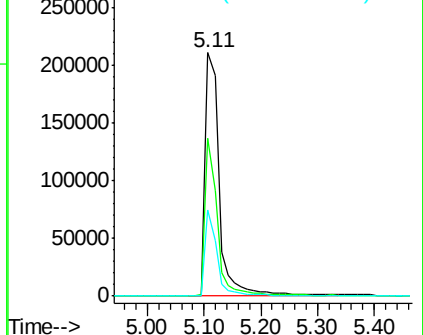
63 35.4 29.4 44.2

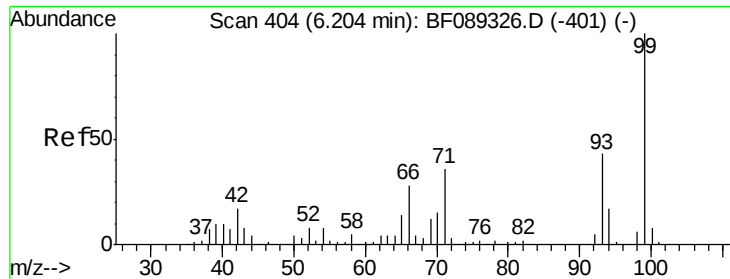


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.97 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF089400.D

Acq: 29 Jul 2016 9:20

Instrument :

BNA_F

ClientSampleId :

I-2

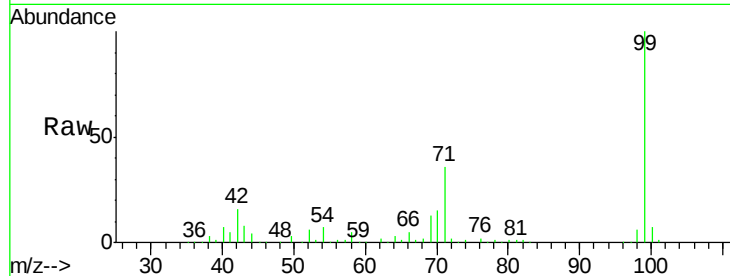
Tgt Ion: 99 Resp: 466780

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

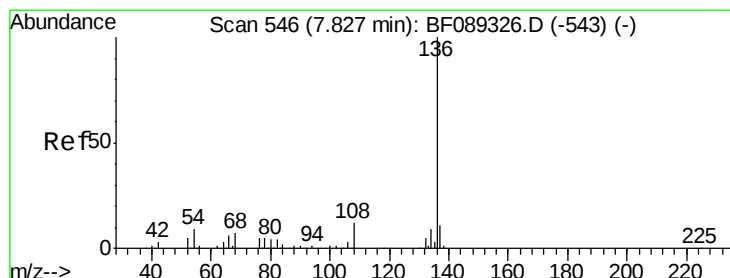
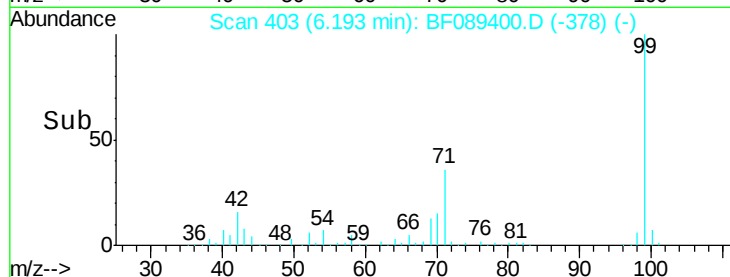
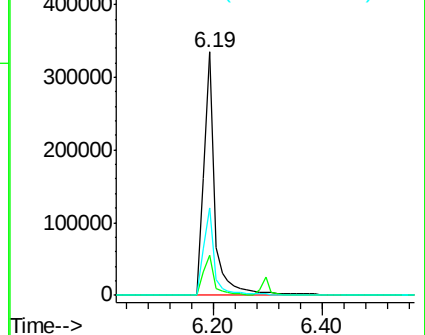
71 35.8 29.4 44.2



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: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF089400.D

Acq: 29 Jul 2016 9:20

Tgt Ion: 136 Resp: 177163

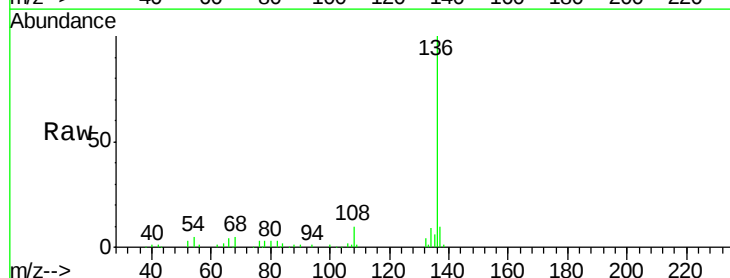
Ion Ratio Lower Upper

136 100

137 10.3 8.6 13.0

54 5.2 7.0 10.4#

68 4.5 4.9 7.3#

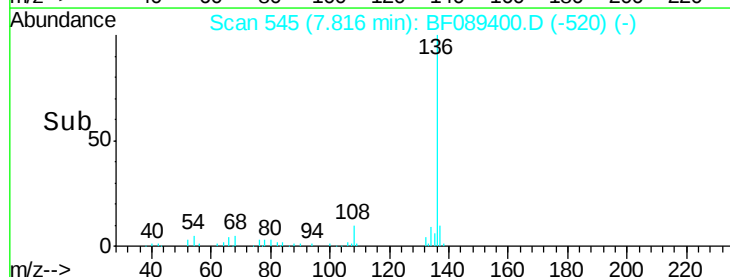
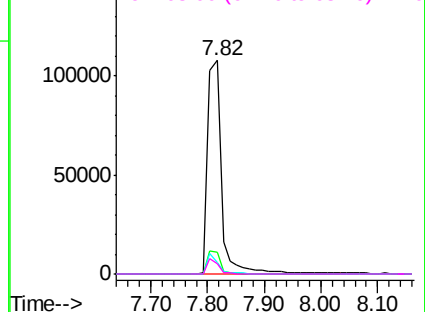


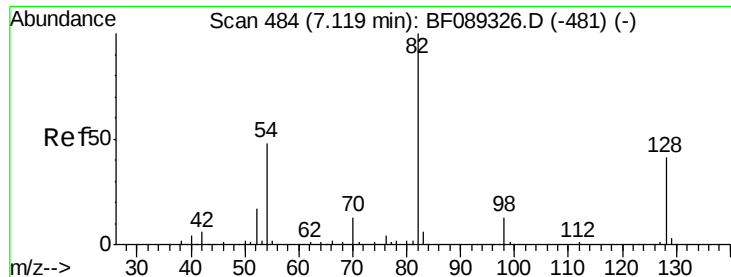
Abundance Ion 136.00 (135.70 to 136.70): E

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

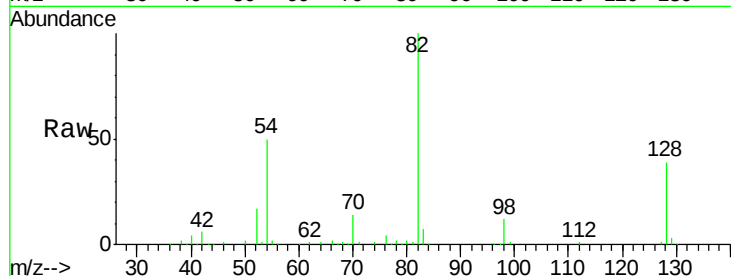




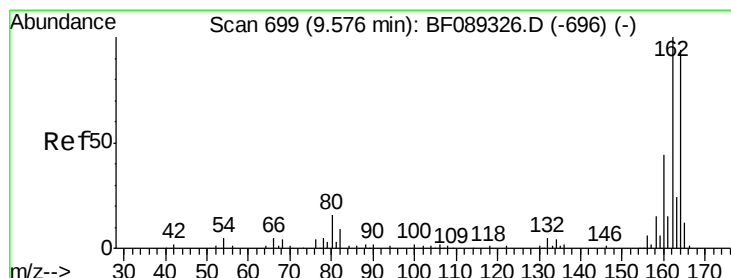
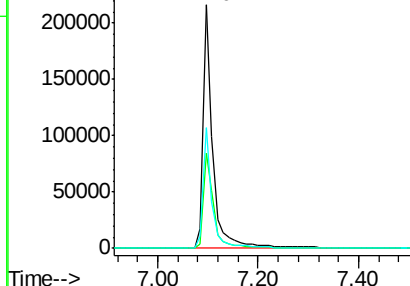
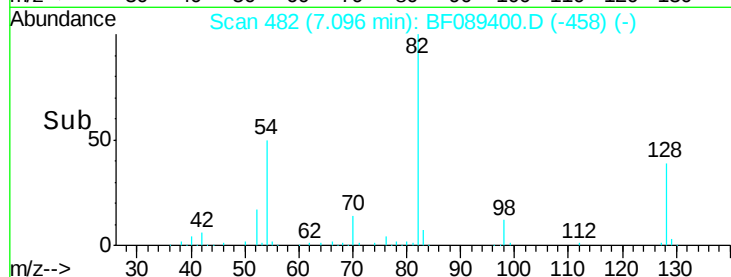
#23
 Nitrobenzene-d5
 Concen: 97.20 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.02 min
 Lab File: BF089400.D
 Acq: 29 Jul 2016 9:20

Instrument :
 BNA_F
 ClientSampled :
 I-2

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.2	32.5	48.7
54	49.7	38.8	58.2

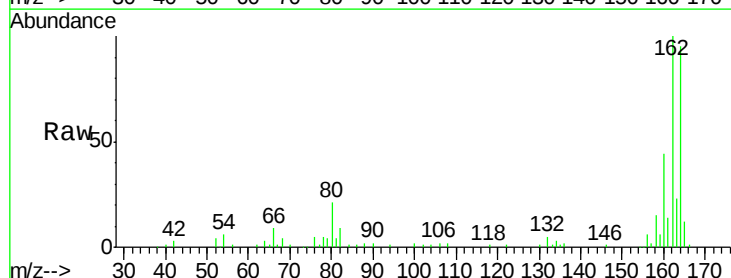


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

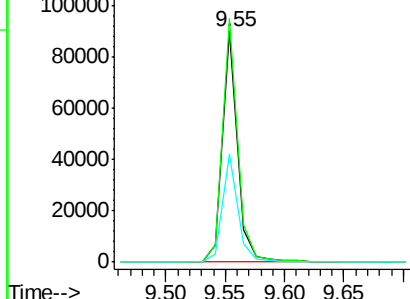
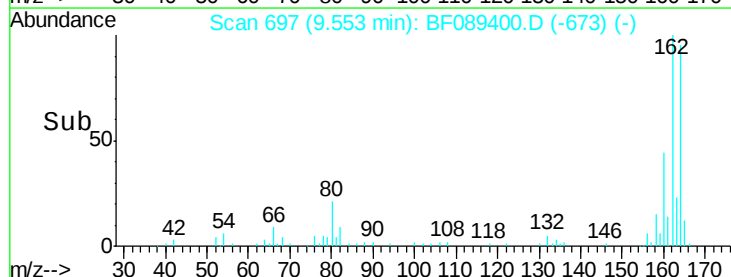


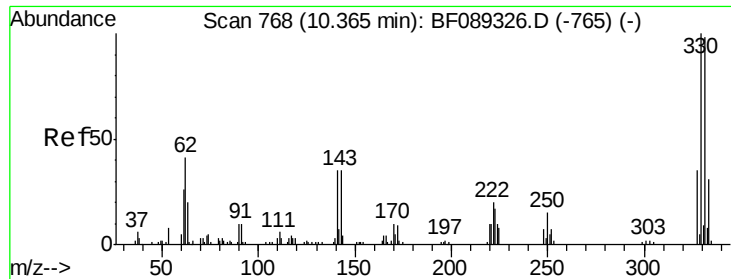
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.02 min
 Lab File: BF089400.D
 Acq: 29 Jul 2016 9:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	83.7	125.5
160	47.0	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

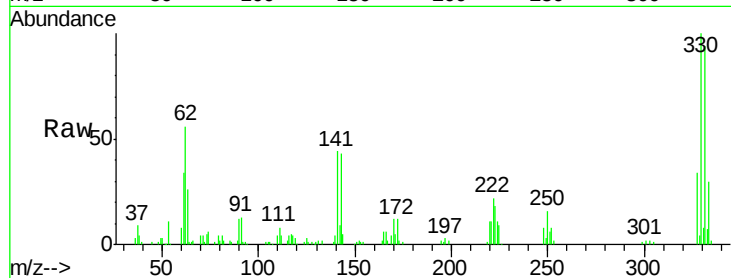




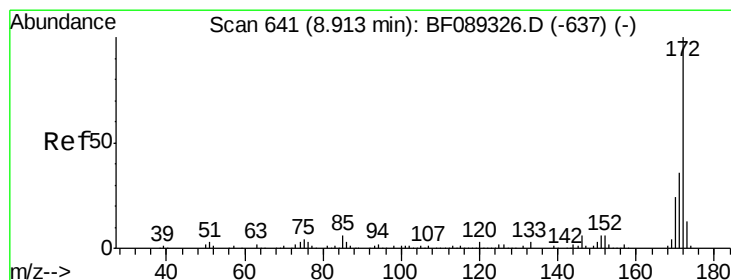
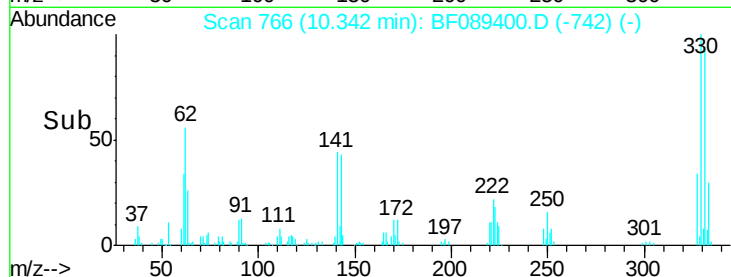
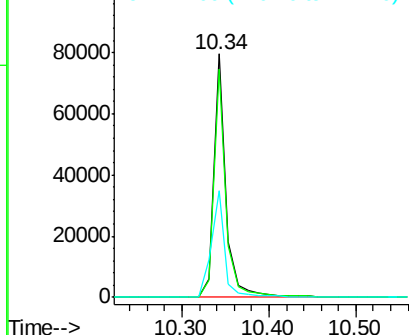
#41
 2,4,6-Tribromophenol
 Concen: 121.44 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BF089400.D
 Acq: 29 Jul 2016 9:20

Instrument :
 BNA_F
 ClientSampleId :
 I-2

Tgt Ion:330 Resp: 78453
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.8 115.2
 141 48.0 37.3 55.9

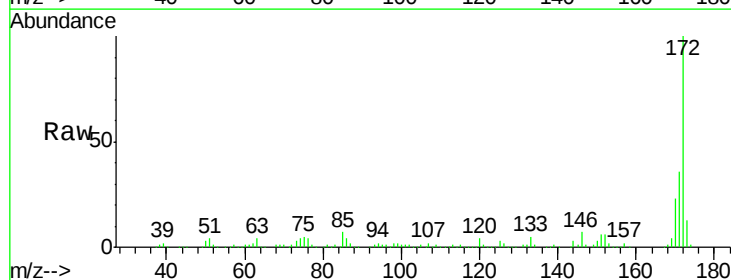


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

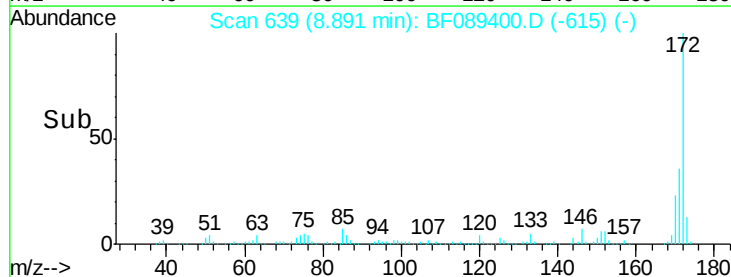
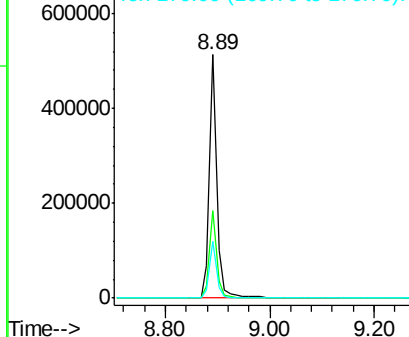


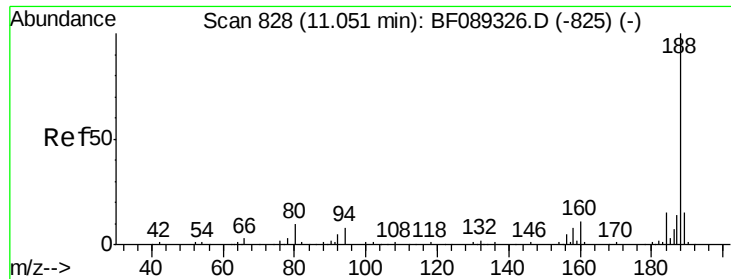
#44
 2-Fluorobiphenyl
 Concen: 96.02 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF089400.D
 Acq: 29 Jul 2016 9:20

Tgt Ion:172 Resp: 510358
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 23.5 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

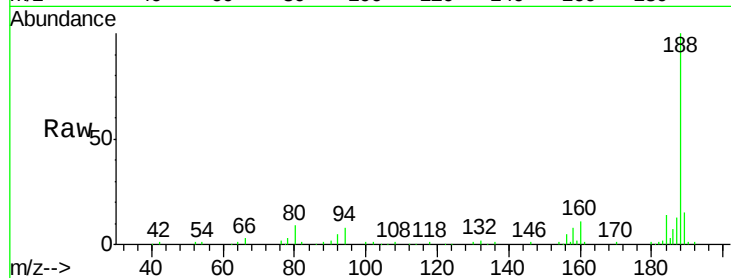




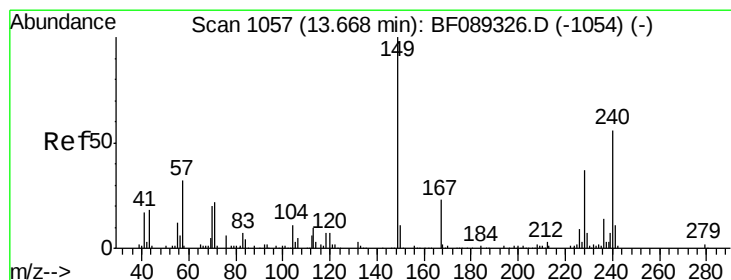
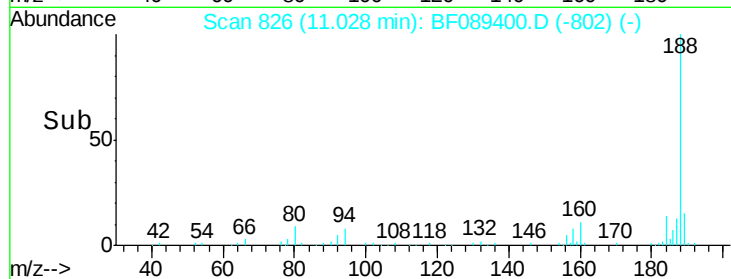
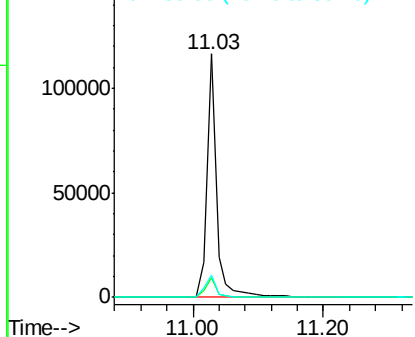
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.02 min
 Lab File: BF089400.D
 Acq: 29 Jul 2016 9:20

Instrument :
 BNA_F
 ClientSampleId :
 I-2

Tgt Ion:188 Resp: 118341
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.5 9.7
 80 9.0 7.2 10.8

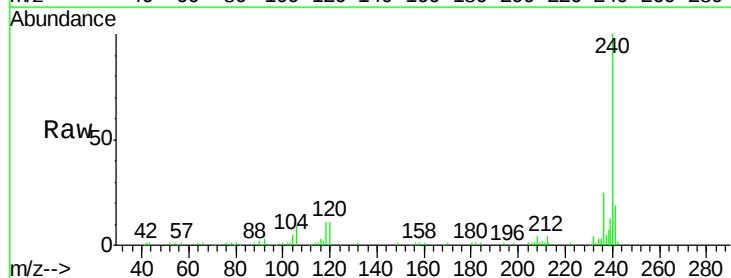


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

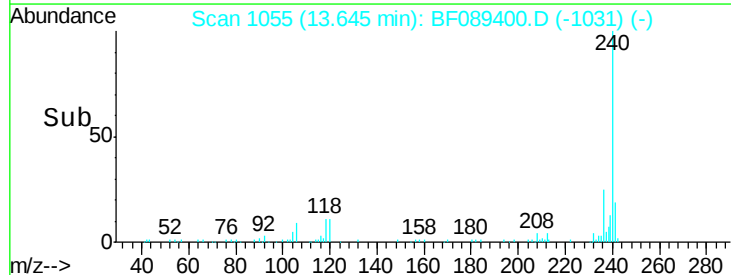
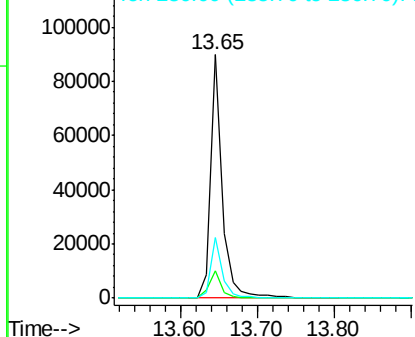


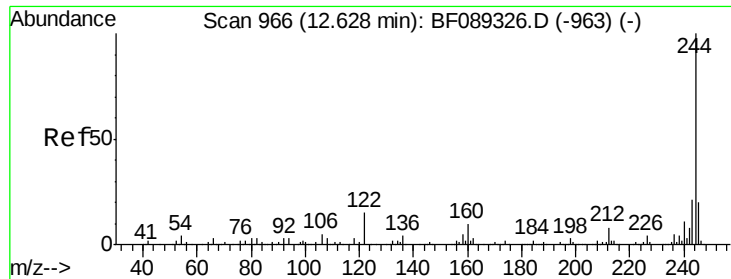
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF089400.D
 Acq: 29 Jul 2016 9:20

Tgt Ion:240 Resp: 94022
 Ion Ratio Lower Upper
 240 100
 120 11.4 9.1 13.7
 236 24.9 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

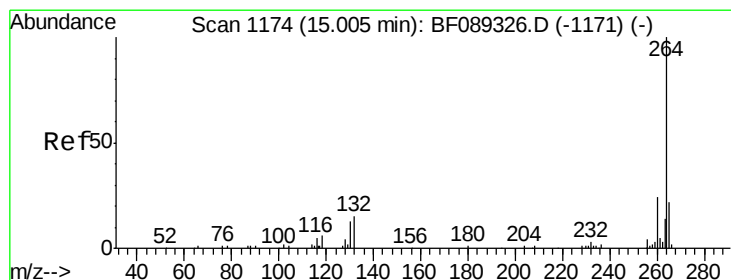
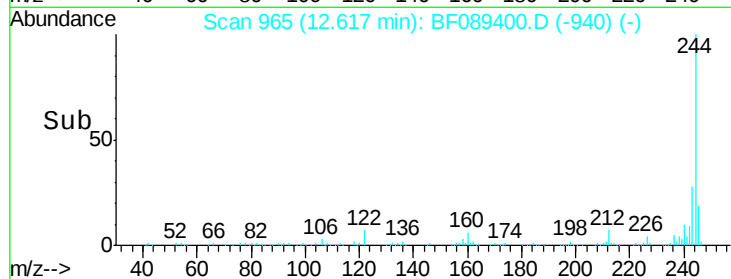
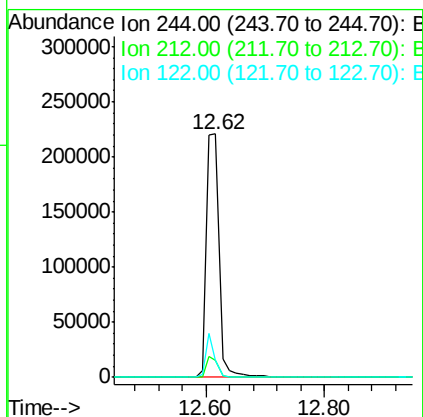
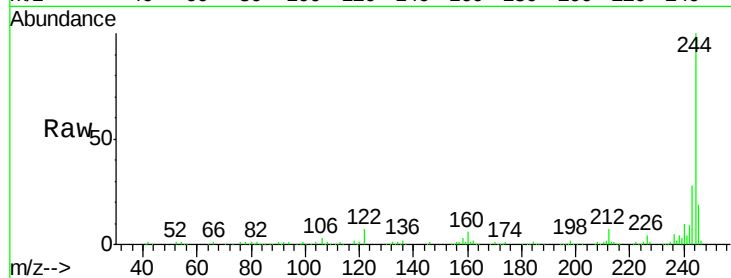




#78
 Terphenyl-d14
 Concen: 83.05 ng
 RT: 12.62 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF089400.D
 Acq: 29 Jul 2016 9:20

Instrument :
 BNA_F
 ClientSampled :
 I-2

Tgt Ion:244 Resp: 333621
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 7.3 11.4 17.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF089400.D
 Acq: 29 Jul 2016 9:20

Tgt Ion:264 Resp: 82062
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 21.8 17.5 26.3

