

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089403.D
 Acq On : 29 Jul 2016 10:48
 Operator : UM/SJ
 Sample : H4186-26
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-3

Quant Time: Jul 29 12:23:29 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	46125	20.00	ng	-0.02
21) Naphthalene-d8	7.82	136	175843	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	75382	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	115161	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	93112	20.00	ng	-0.02
86) Perylene-d12	14.98	264	86922	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	322761	111.73	ng	0.00
7) Phenol-d6	6.19	99	415861	108.93	ng	-0.01
23) Nitrobenzene-d5	7.10	82	278094	93.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	72442	116.03	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	488217	95.05	ng	-0.02
78) Terphenyl-d14	12.60	244	304650	76.58	ng	-0.02

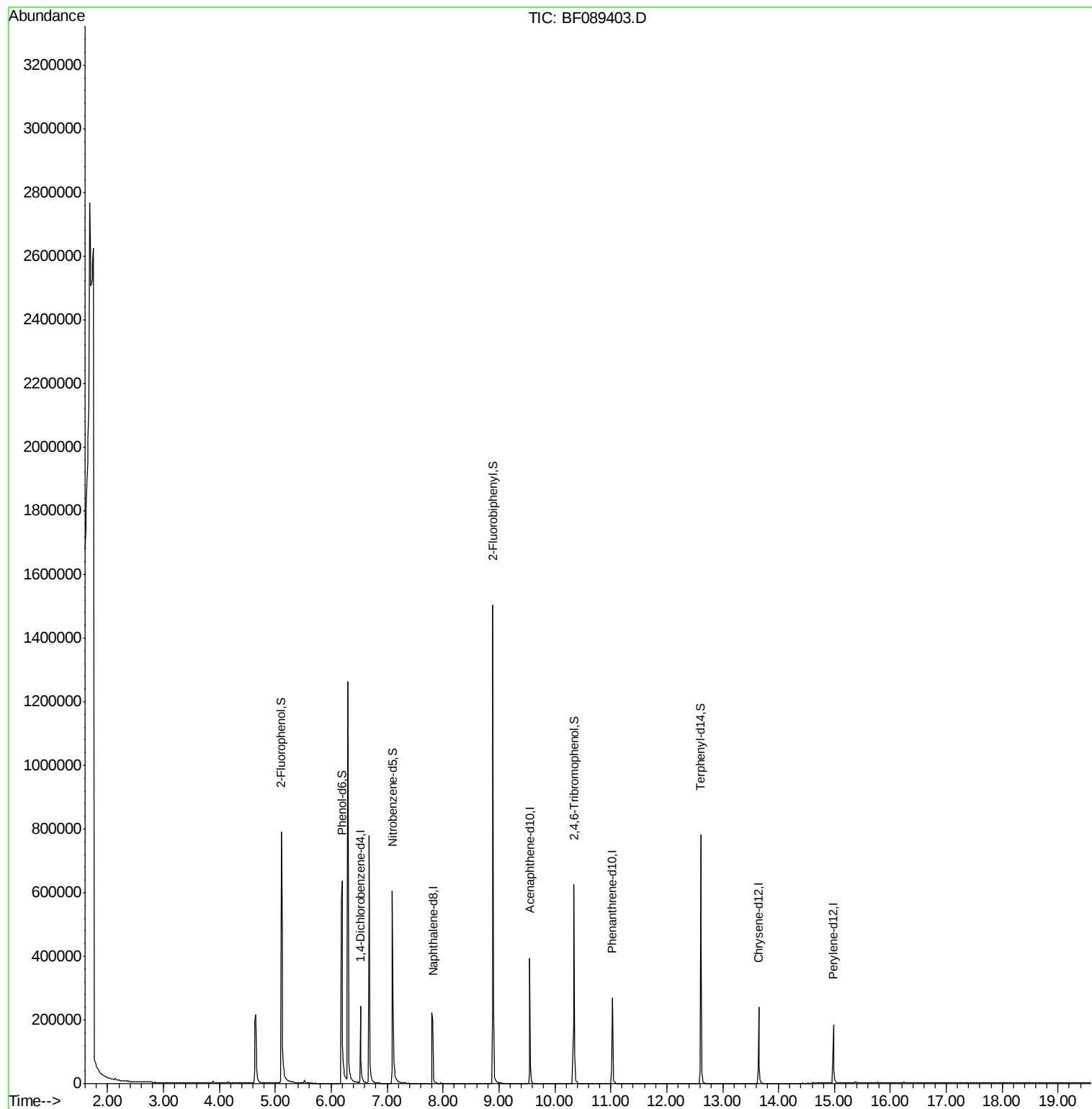
Target Compounds	Qvalue
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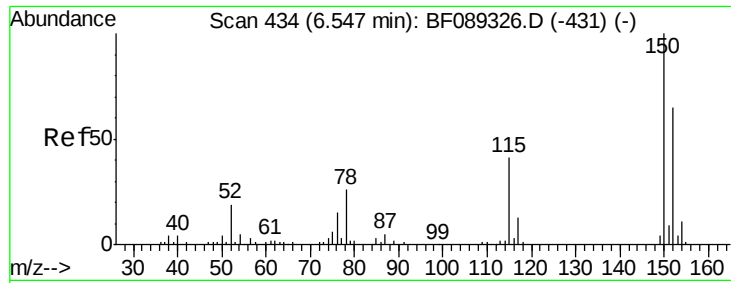
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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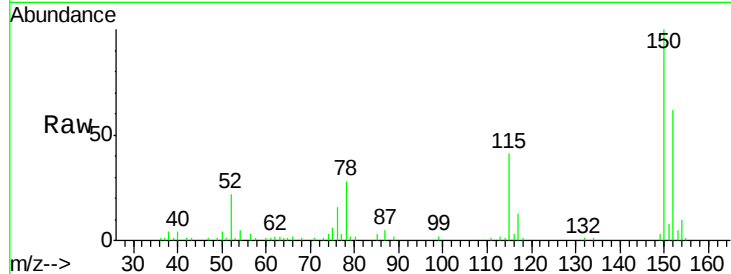


#1

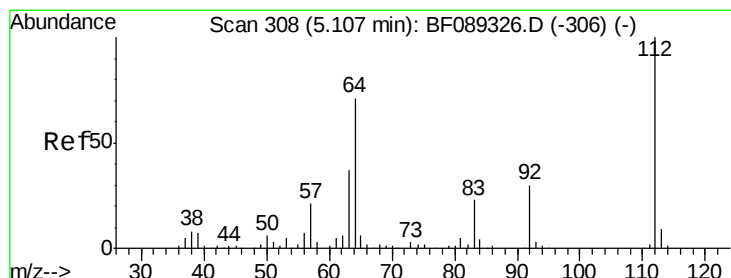
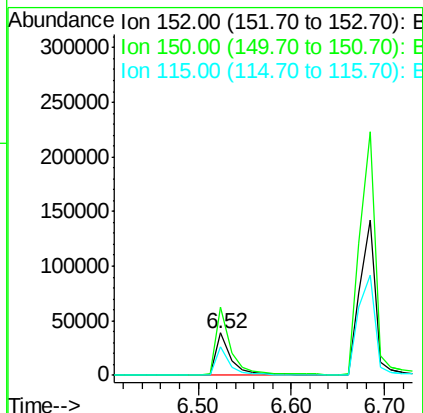
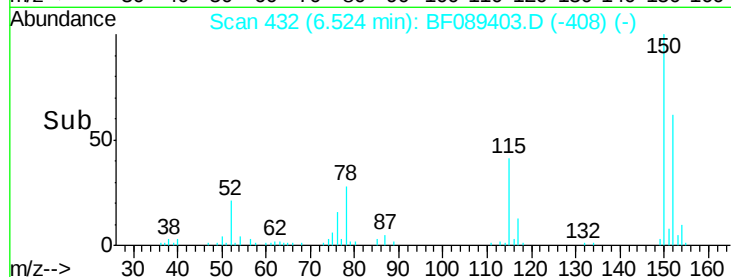
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF089403.D
Acq: 29 Jul 2016 10:48

Instrument :
BNA_F
ClientSampled :
I-3

Tgt Ion:152 Resp: 46125
Ion Ratio Lower Upper
152 100
150 160.8 129.5 194.3
115 66.0 51.4 77.2



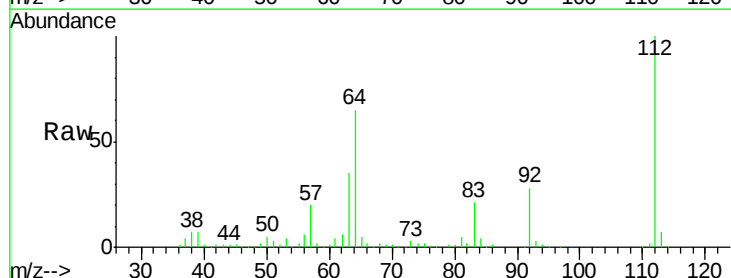
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



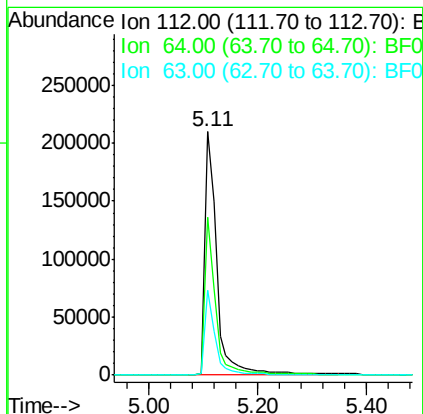
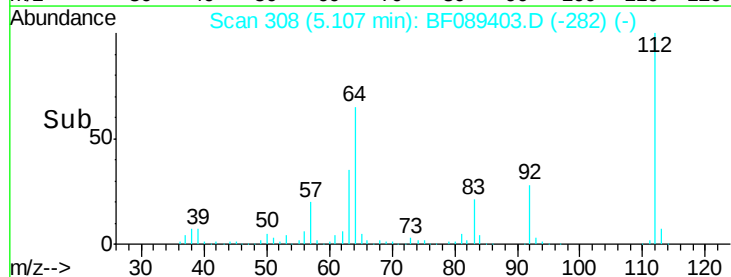
#5

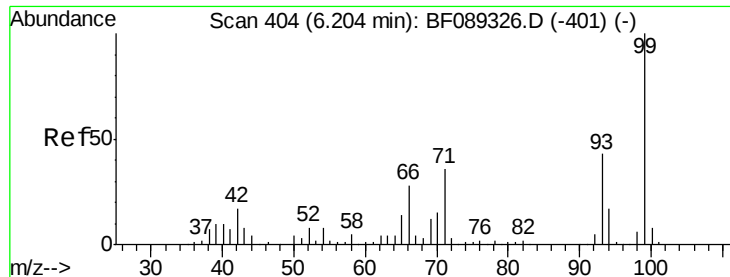
2-Fluorophenol
Concen: 111.73 ng
RT: 5.11 min Scan# 308
Delta R.T. 0.00 min
Lab File: BF089403.D
Acq: 29 Jul 2016 10:48

Tgt Ion:112 Resp: 322761
Ion Ratio Lower Upper
112 100
64 64.7 55.0 82.6
63 34.6 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: 108.93 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF089403.D

Acq: 29 Jul 2016 10:48

Instrument :

BNA_F

ClientSampleId :

I-3

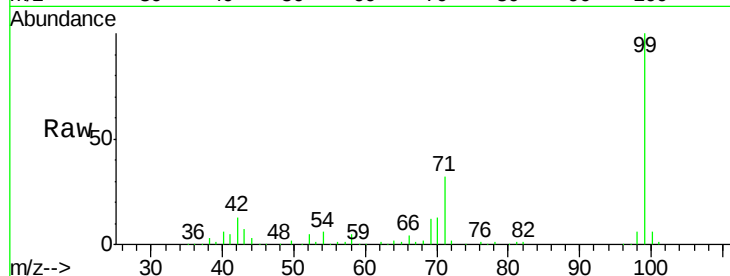
Tgt Ion: 99 Resp: 415861

Ion Ratio Lower Upper

99 100

42 13.5 13.6 20.4#

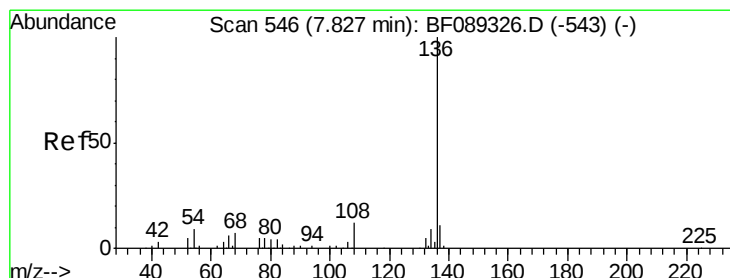
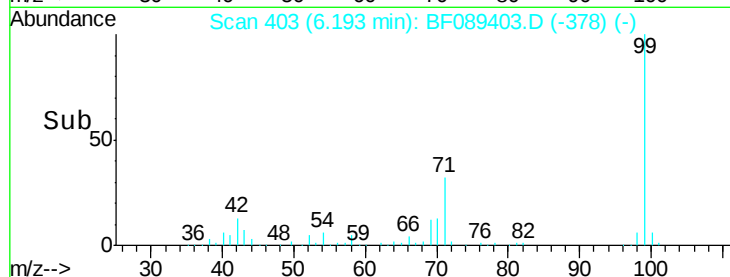
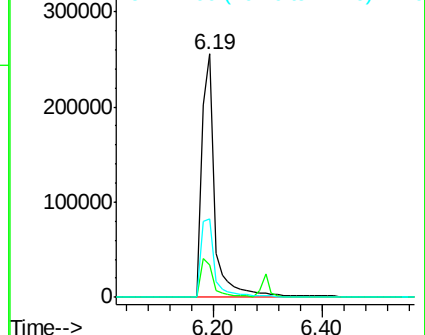
71 32.5 29.4 44.2



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: BF089403.D

Acq: 29 Jul 2016 10:48

Tgt Ion: 136 Resp: 175843

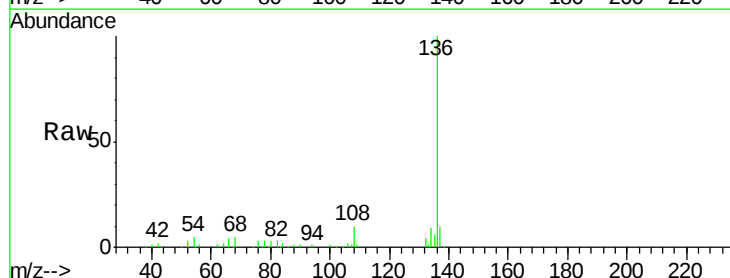
Ion Ratio Lower Upper

136 100

137 9.9 8.6 13.0

54 5.4 7.0 10.4#

68 4.5 4.9 7.3#

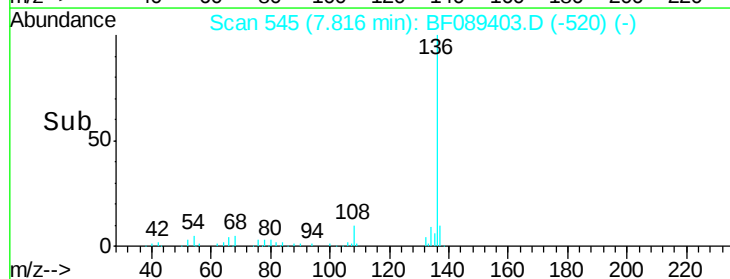
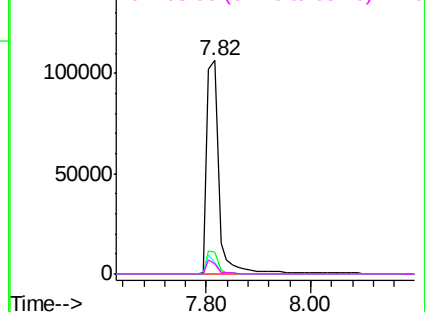


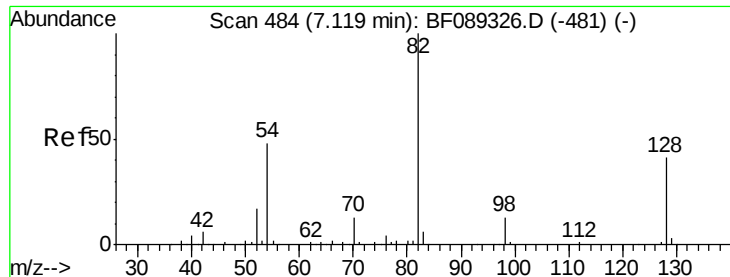
Abundance Ion 136.00 (135.70 to 136.70): E

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

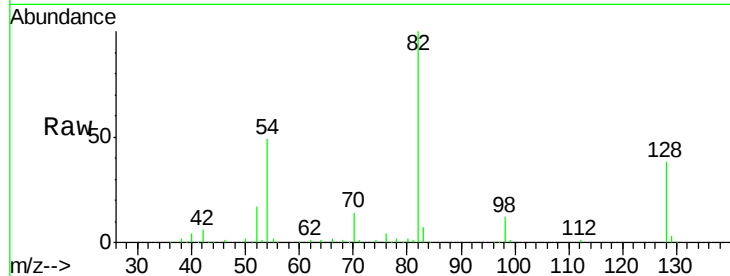




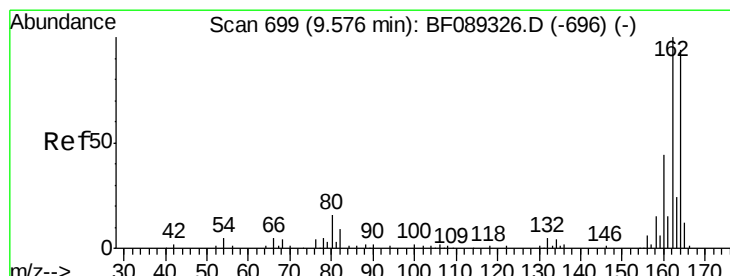
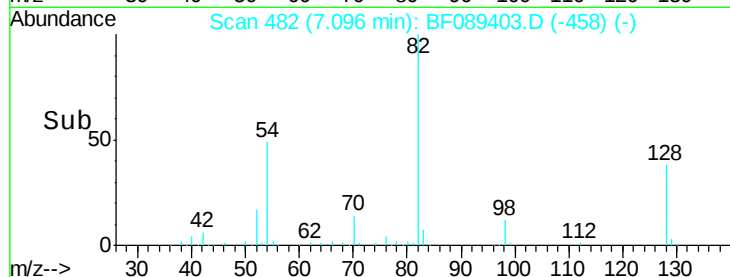
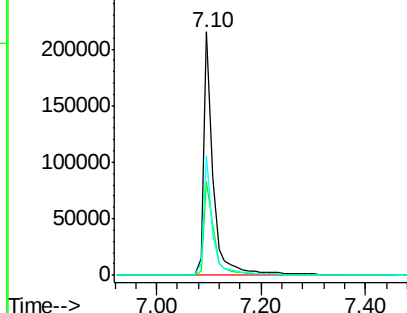
#23
 Nitrobenzene-d5
 Concen: 93.35 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.02 min
 Lab File: BF089403.D
 Acq: 29 Jul 2016 10:48

Instrument :
 BNA_F
 ClientSampled :
 I-3

Tgt Ion: 82 Resp: 278094
 Ion Ratio Lower Upper
 82 100
 128 38.3 32.5 48.7
 54 49.1 38.8 58.2

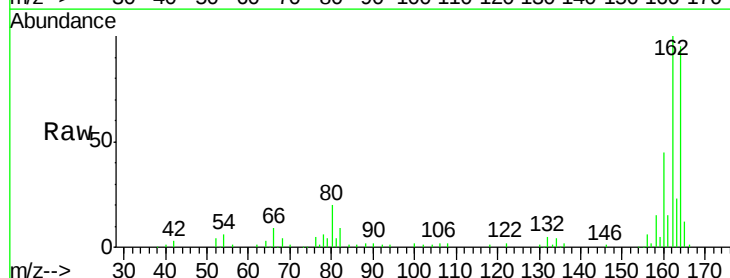


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

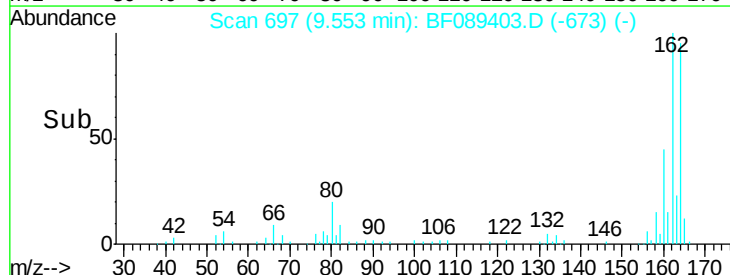
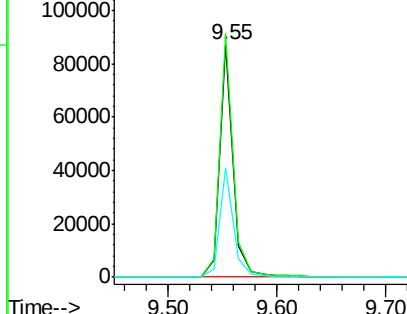


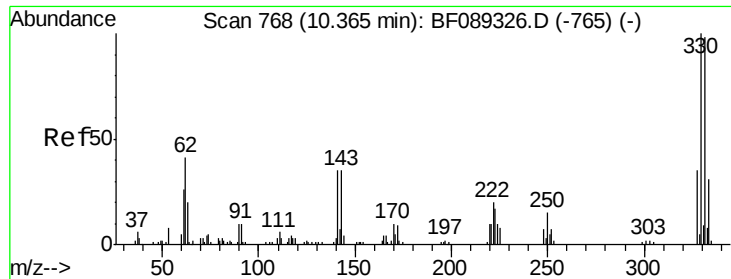
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.02 min
 Lab File: BF089403.D
 Acq: 29 Jul 2016 10:48

Tgt Ion: 164 Resp: 75382
 Ion Ratio Lower Upper
 164 100
 162 104.8 83.7 125.5
 160 46.8 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

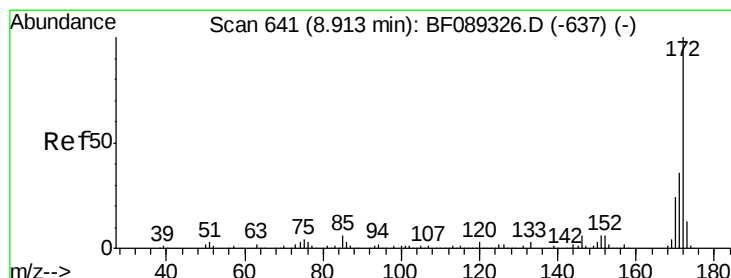
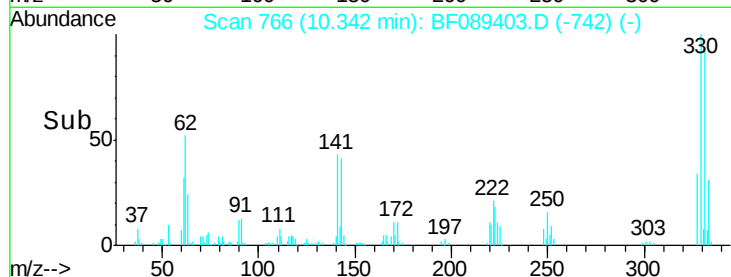
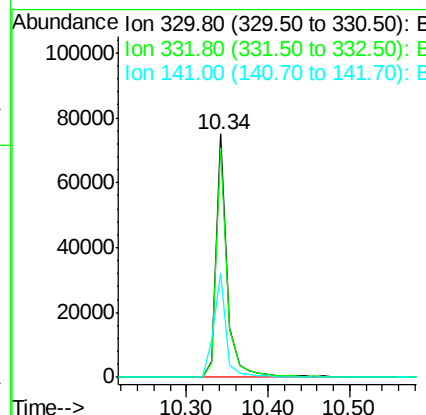
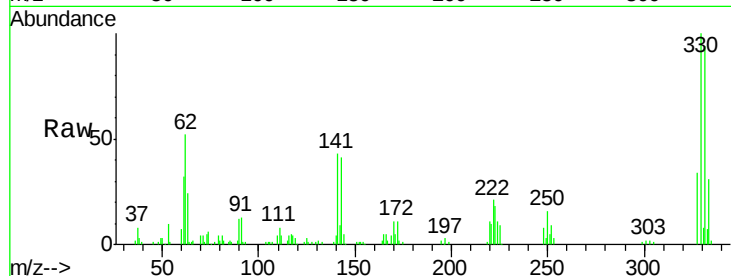




#41
 2,4,6-Tribromophenol
 Concen: 116.03 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BF089403.D
 Acq: 29 Jul 2016 10:48

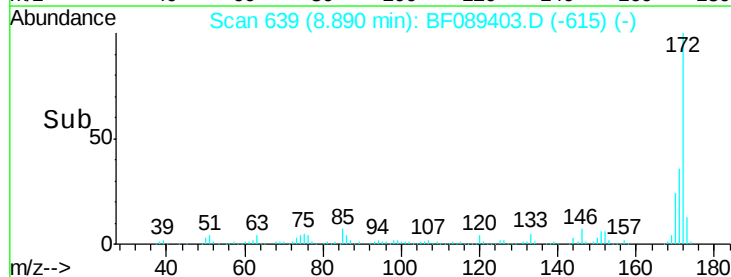
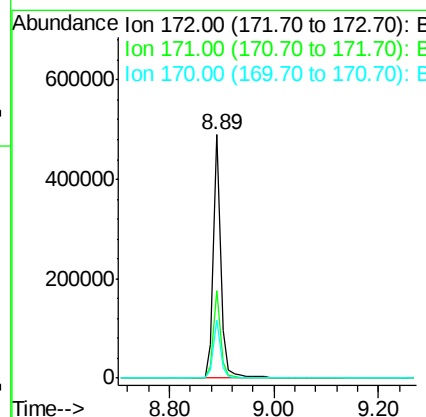
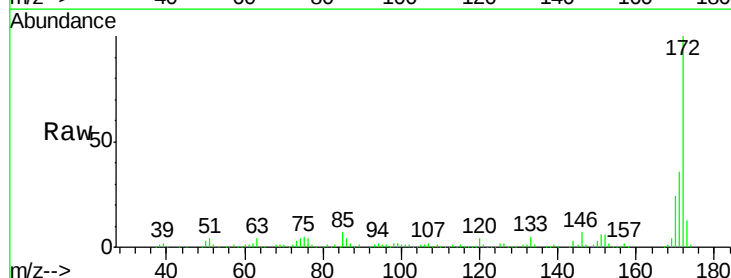
Instrument :
 BNA_F
 ClientSampled :
 I-3

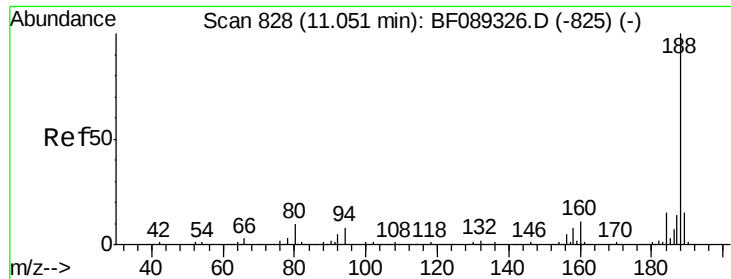
Tgt Ion:330 Resp: 72442
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.8 115.2
 141 48.0 37.3 55.9



#44
 2-Fluorobiphenyl
 Concen: 95.05 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF089403.D
 Acq: 29 Jul 2016 10:48

Tgt Ion:172 Resp: 488217
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.8 19.2 28.8

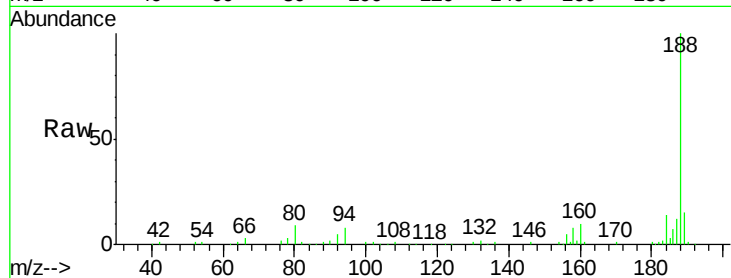




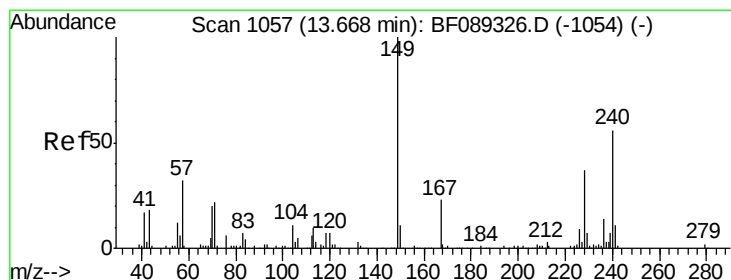
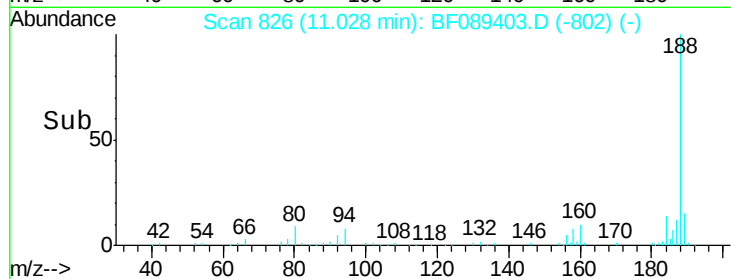
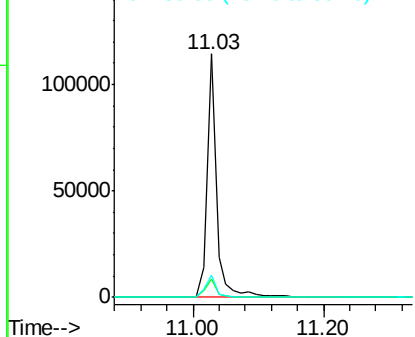
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF089403.D
Acq: 29 Jul 2016 10:48

Instrument :
BNA_F
ClientSampleId :
I-3

Tgt Ion:188 Resp: 115161
Ion Ratio Lower Upper
188 100
94 7.7 6.5 9.7
80 9.3 7.2 10.8

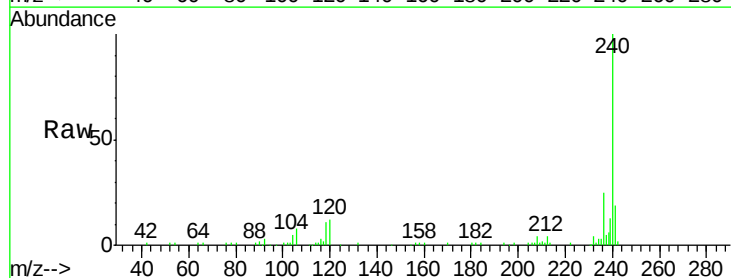


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

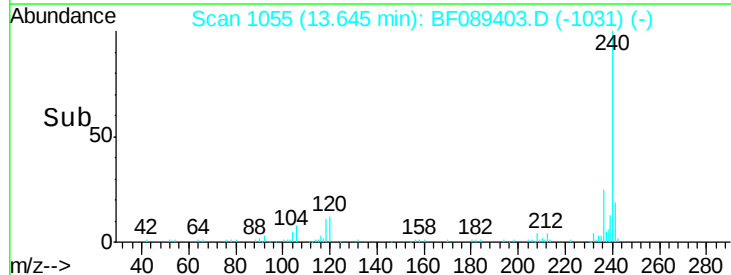
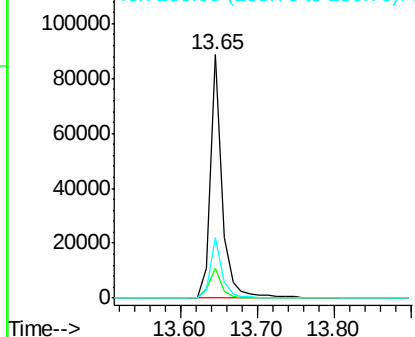


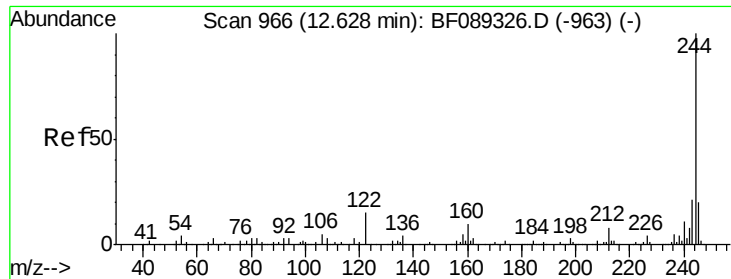
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF089403.D
Acq: 29 Jul 2016 10:48

Tgt Ion:240 Resp: 93112
Ion Ratio Lower Upper
240 100
120 12.2 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

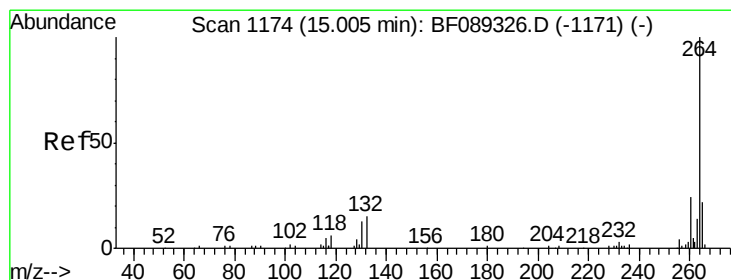
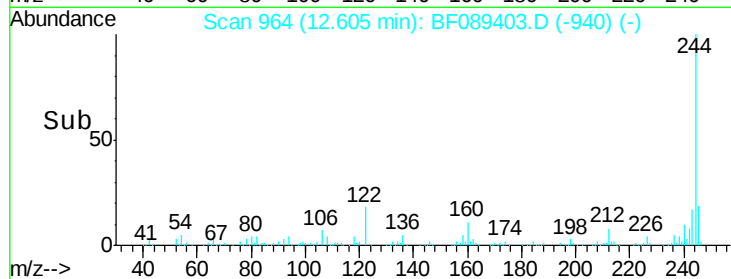
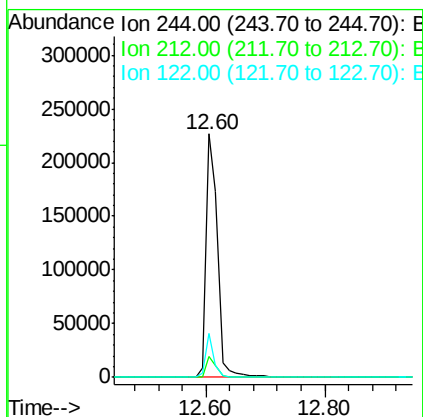
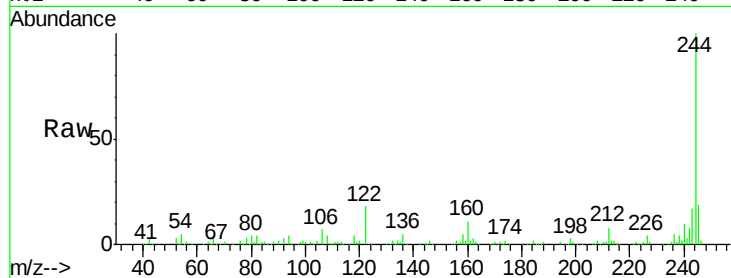




#78
 Terphenyl-d14
 Concen: 76.58 ng
 RT: 12.60 min Scan# 964
 Delta R.T. -0.02 min
 Lab File: BF089403.D
 Acq: 29 Jul 2016 10:48

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 304650
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 18.1 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: BF089403.D
 Acq: 29 Jul 2016 10:48

Tgt Ion:264 Resp: 86922
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.0 28.4
 265 20.7 17.5 26.3

