

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
 Data File : BF089416.D
 Acq On : 29 Jul 2016 18:33
 Operator : UM/SJ
 Sample : PB92476BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92476BL

Quant Time: Jul 29 23:39:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	46692	20.00	ng	-0.03
21) Naphthalene-d8	7.80	136	180133	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	81884	20.00	ng	-0.03
63) Phenanthrene-d10	11.02	188	129070	20.00	ng	-0.03
75) Chrysene-d12	13.63	240	84960	20.00	ng	-0.03
86) Perylene-d12	14.96	264	88844	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	372132	127.26	ng	-0.01
7) Phenol-d6	6.18	99	515305	133.34	ng	-0.02
23) Nitrobenzene-d5	7.08	82	298405	97.78	ng	-0.03
41) 2,4,6-Tribromophenol	10.33	330	77617	114.45	ng	-0.03
44) 2-Fluorobiphenyl	8.88	172	518579	92.94	ng	-0.03
78) Terphenyl-d14	12.59	244	323103	89.01	ng	-0.03

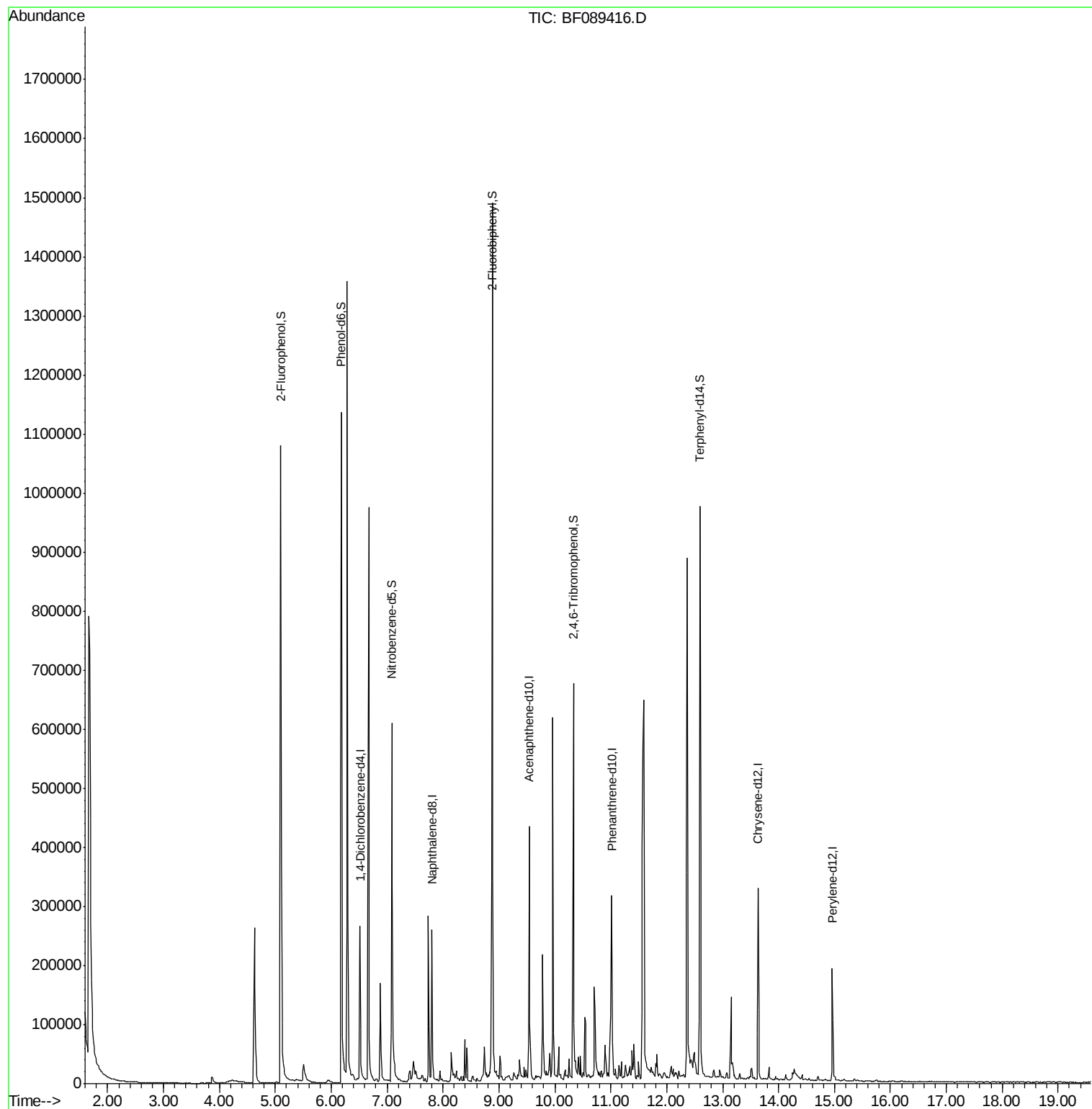
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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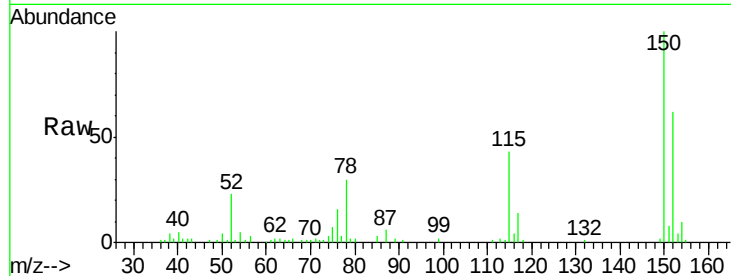




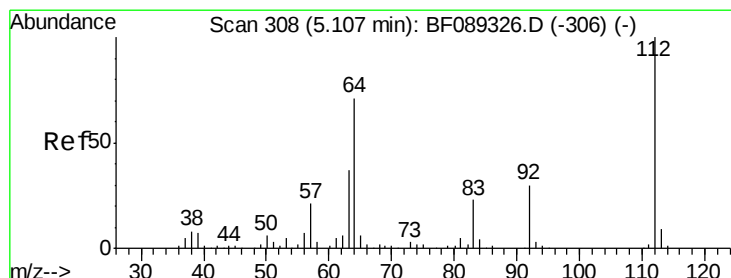
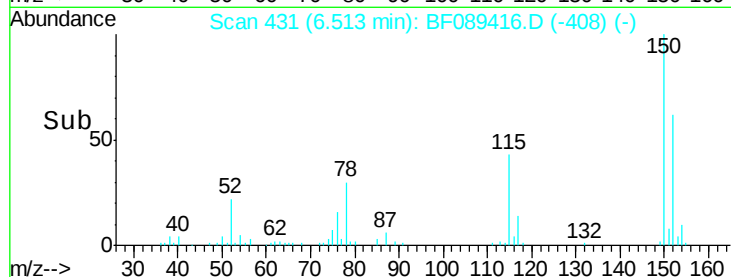
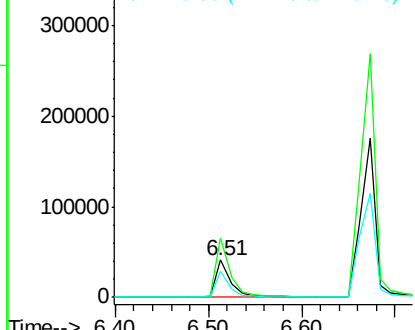
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.51 min Scan# 431
 Delta R.T. -0.03 min
 Lab File: BF089416.D
 Acq: 29 Jul 2016 18:33

Instrument :
 BNA_F
 ClientSampleId :
 PB92476BL

Tgt Ion:152 Resp: 46692
 Ion Ratio Lower Upper
 152 100
 150 160.3 129.5 194.3
 115 69.4 51.4 77.2

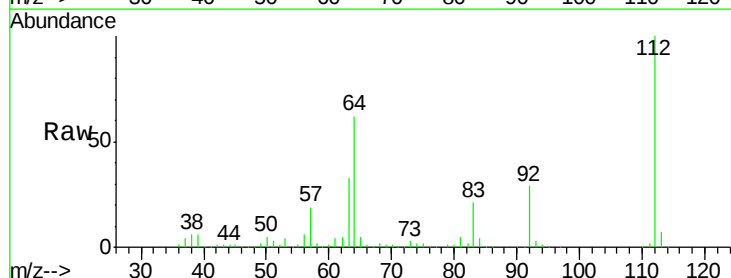


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

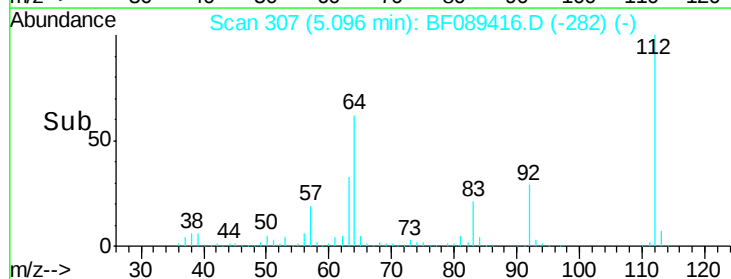
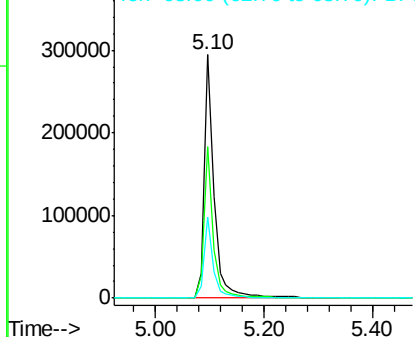


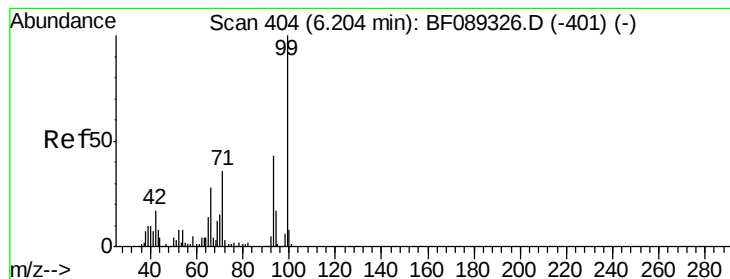
#5
 2-Fluorophenol
 Concen: 127.26 ng
 RT: 5.10 min Scan# 307
 Delta R.T. -0.01 min
 Lab File: BF089416.D
 Acq: 29 Jul 2016 18:33

Tgt Ion:112 Resp: 372132
 Ion Ratio Lower Upper
 112 100
 64 62.2 55.0 82.6
 63 33.3 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: 133.34 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089416.D

Acq: 29 Jul 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB92476BL

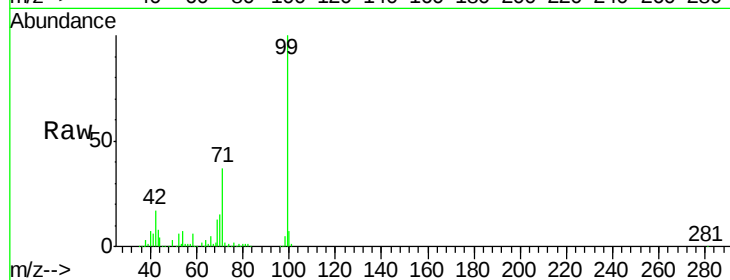
Tgt Ion: 99 Resp: 515305

Ion Ratio Lower Upper

99 100

42 17.3 13.6 20.4

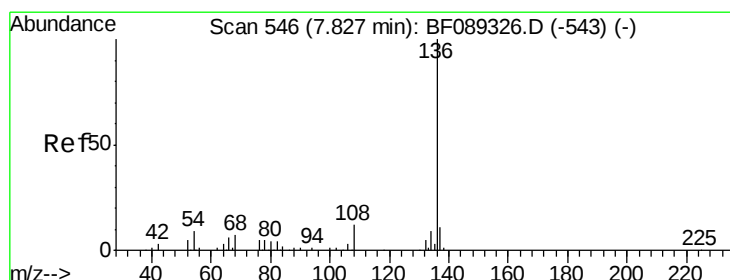
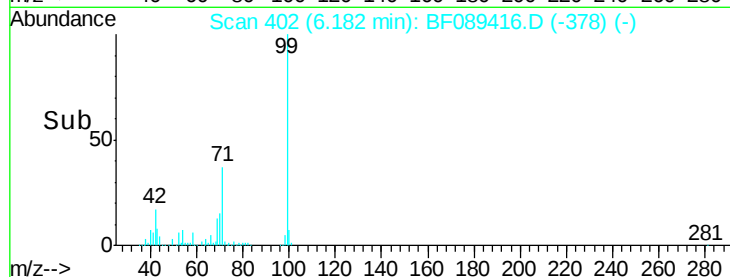
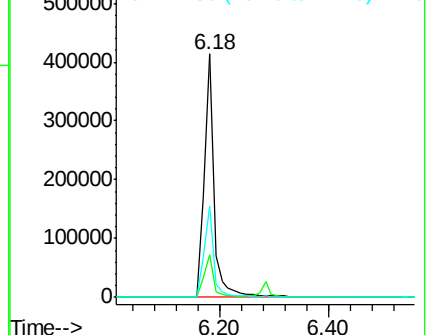
71 37.4 29.4 44.2



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: 7.80 min Scan# 544

Delta R.T. -0.02 min

Lab File: BF089416.D

Acq: 29 Jul 2016 18:33

Tgt Ion: 136 Resp: 180133

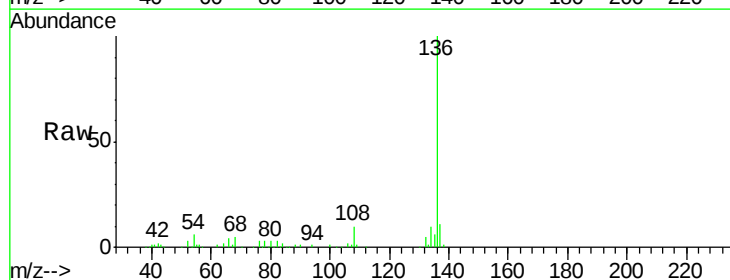
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 5.6 7.0 10.4#

68 4.6 4.9 7.3#

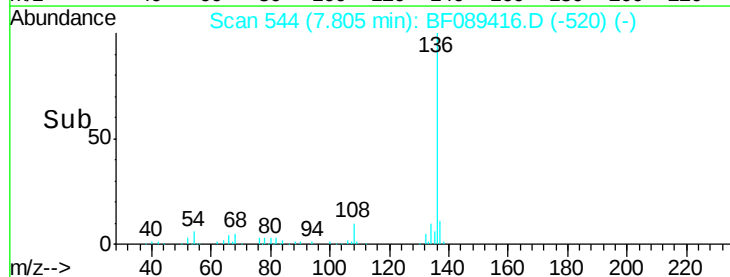
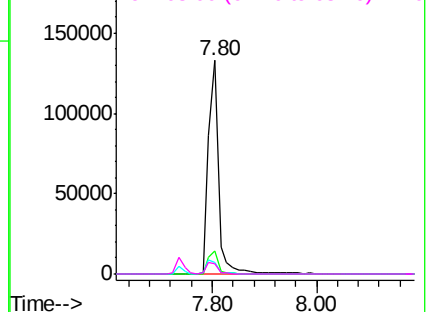


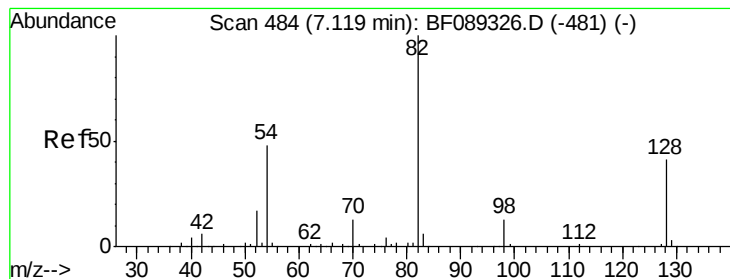
Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.78 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.03 min

Lab File: BF089416.D

Acq: 29 Jul 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB92476BL

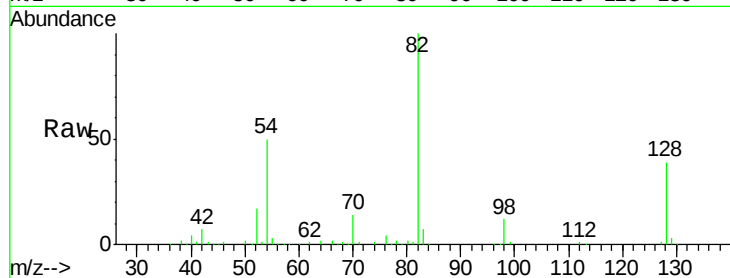
Tgt Ion: 82 Resp: 298405

Ion Ratio Lower Upper

82 100

128 39.3 32.5 48.7

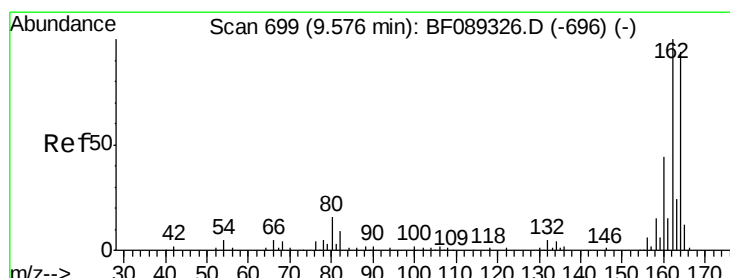
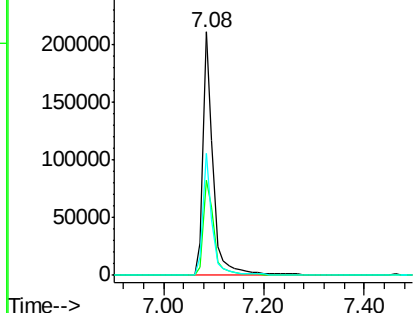
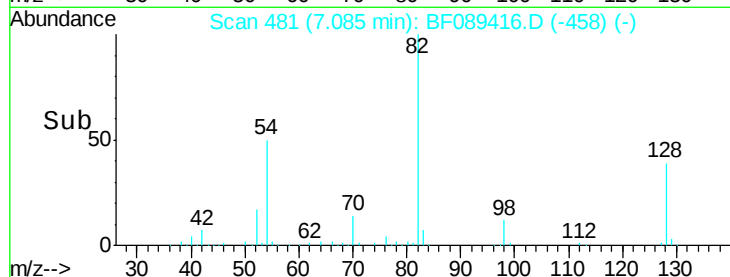
54 50.1 38.8 58.2



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.03 min

Lab File: BF089416.D

Acq: 29 Jul 2016 18:33

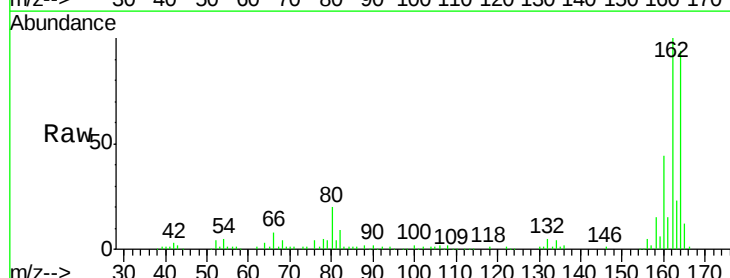
Tgt Ion: 164 Resp: 81884

Ion Ratio Lower Upper

164 100

162 106.9 83.7 125.5

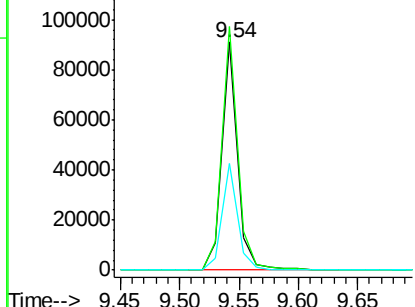
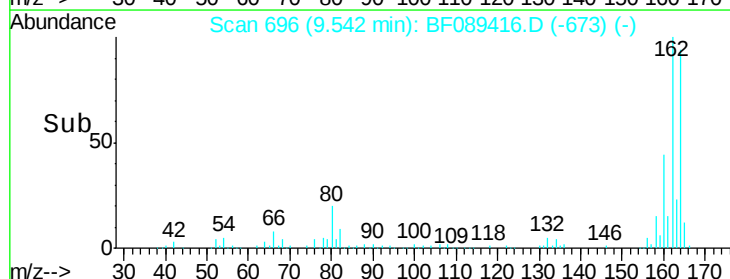
160 47.0 37.8 56.6



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

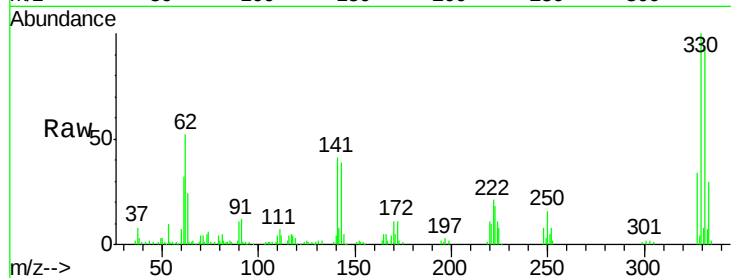




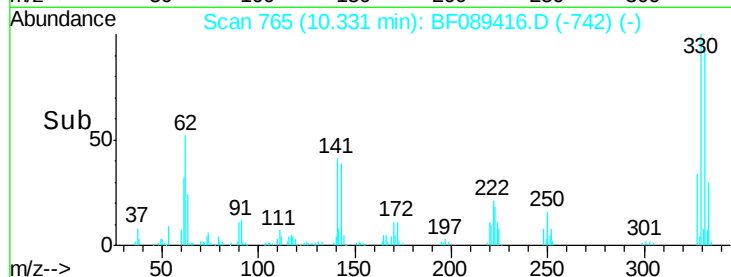
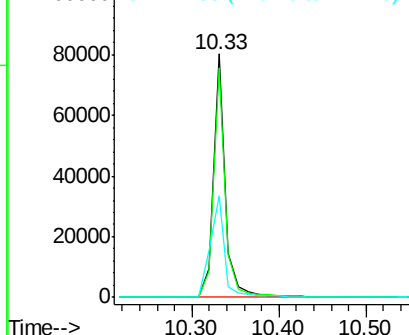
#41
 2,4,6-Tribromophenol
 Concen: 114.45 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.03 min
 Lab File: BF089416.D
 Acq: 29 Jul 2016 18:33

Instrument :
 BNA_F
 ClientSampleId :
 PB92476BL

Tgt Ion:330 Resp: 77617
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.8 115.2
 141 49.8 37.3 55.9

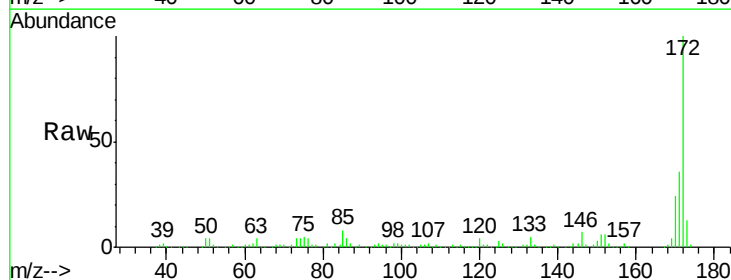


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

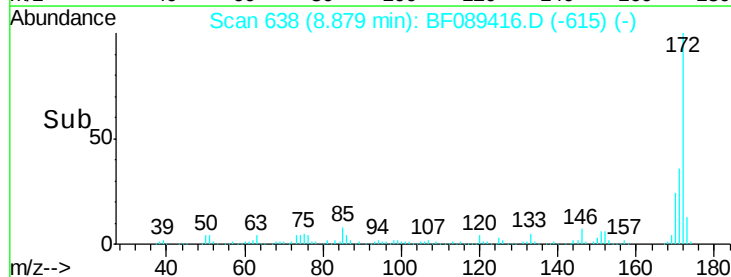
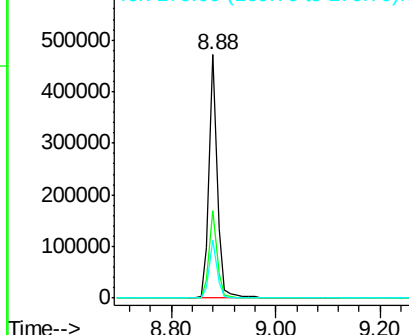


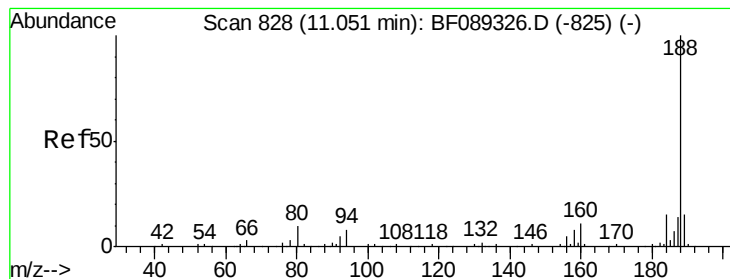
#44
 2-Fluorobiphenyl
 Concen: 92.94 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.03 min
 Lab File: BF089416.D
 Acq: 29 Jul 2016 18:33

Tgt Ion:172 Resp: 518579
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.2 43.8
 170 24.0 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: 11.02 min Scan# 825

Delta R.T. -0.03 min

Lab File: BF089416.D

Acq: 29 Jul 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB92476BL

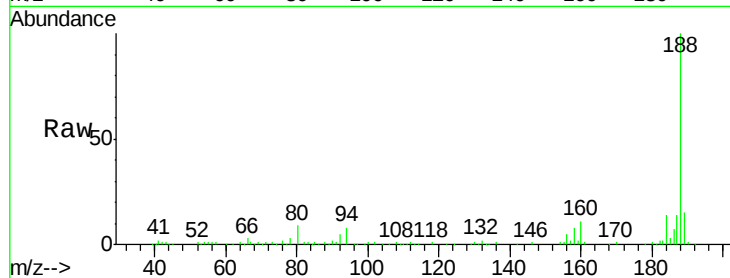
Tgt Ion:188 Resp: 129070

Ion Ratio Lower Upper

188 100

94 8.1 6.5 9.7

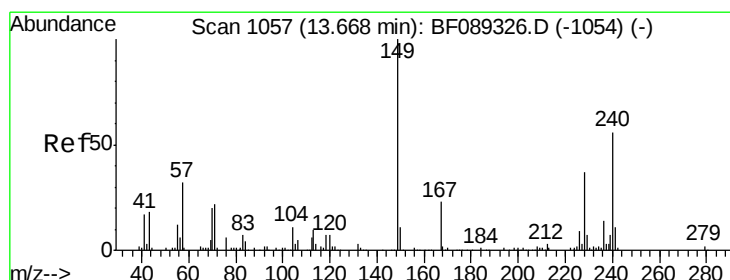
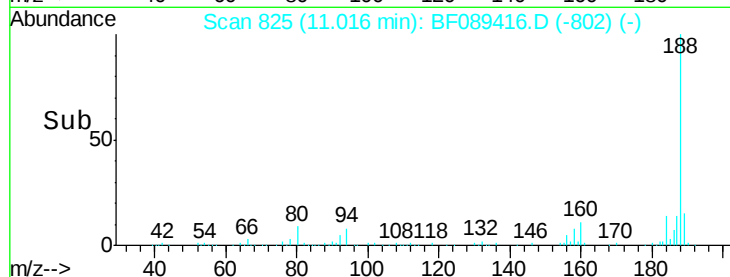
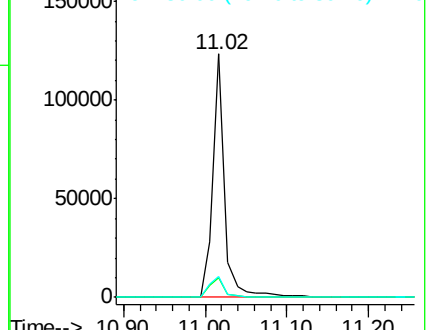
80 8.7 7.2 10.8



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: 13.63 min Scan# 1054

Delta R.T. -0.03 min

Lab File: BF089416.D

Acq: 29 Jul 2016 18:33

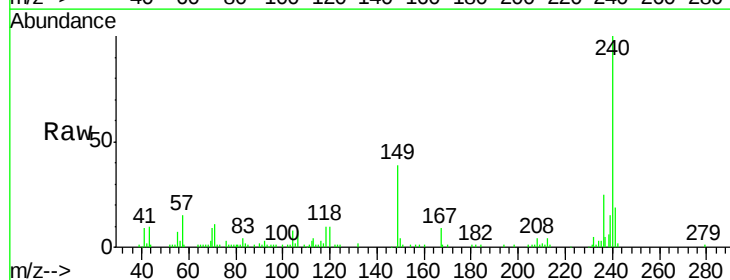
Tgt Ion:240 Resp: 84960

Ion Ratio Lower Upper

240 100

120 10.2 9.1 13.7

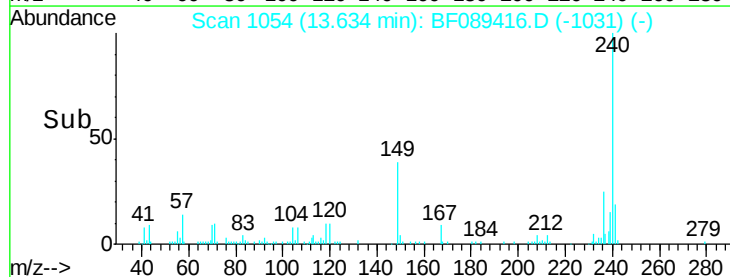
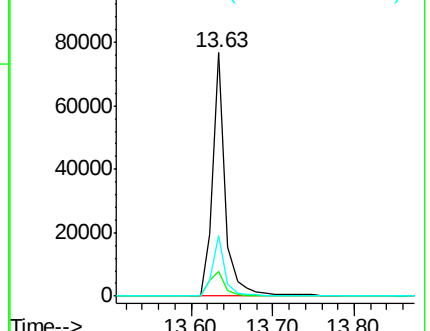
236 24.9 20.6 30.8

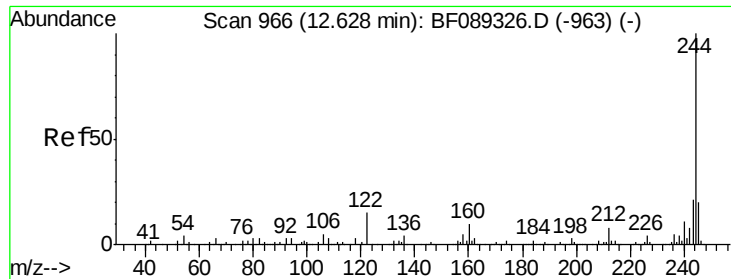


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

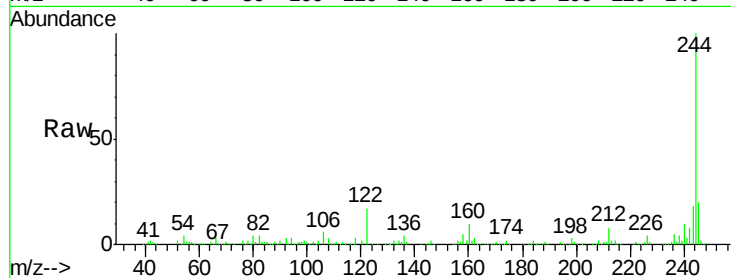




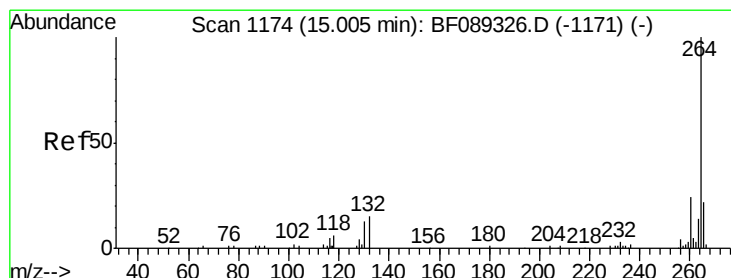
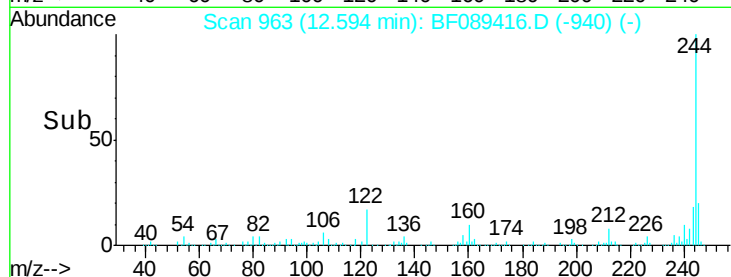
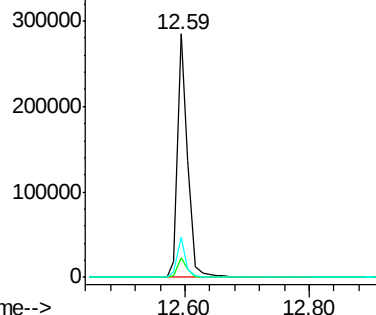
#78
 Terphenyl-d14
 Concen: 89.01 ng
 RT: 12.59 min Scan# 963
 Delta R.T. -0.03 min
 Lab File: BF089416.D
 Acq: 29 Jul 2016 18:33

Instrument :
 BNA_F
 ClientSampleId :
 PB92476BL

Tgt Ion:244 Resp: 323103
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 16.5 11.4 17.0

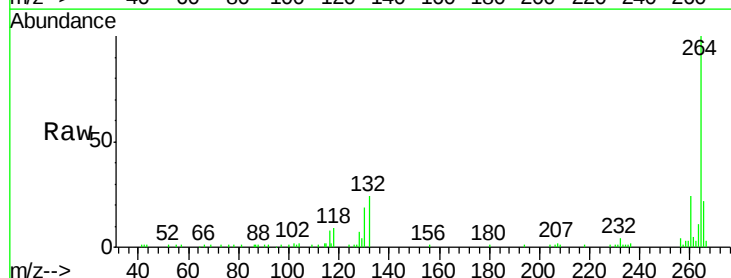


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.96 min Scan# 1170
 Delta R.T. -0.05 min
 Lab File: BF089416.D
 Acq: 29 Jul 2016 18:33

Tgt Ion:264 Resp: 88844
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 21.8 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

