

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090216\
 Data File : BF089973.D
 Acq On : 2 Sep 2016 13:28
 Operator : UM/SJ
 Sample : PB93205BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93205BL

Quant Time: Sep 02 17:01:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	268607	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	1042758	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	598528	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	1204966	20.00	ng	0.00
75) Chrysene-d12	13.75	240	959654	20.00	ng	-0.01
86) Perylene-d12	15.10	264	801901	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	982950	58.57	ng	0.01
7) Phenol-d6	6.27	99	1185887	58.16	ng	-0.01
23) Nitrobenzene-d5	7.20	82	1074527	59.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	340215	57.62	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	2291515	62.85	ng	0.00
78) Terphenyl-d14	12.73	244	2337191	60.16	ng	0.00

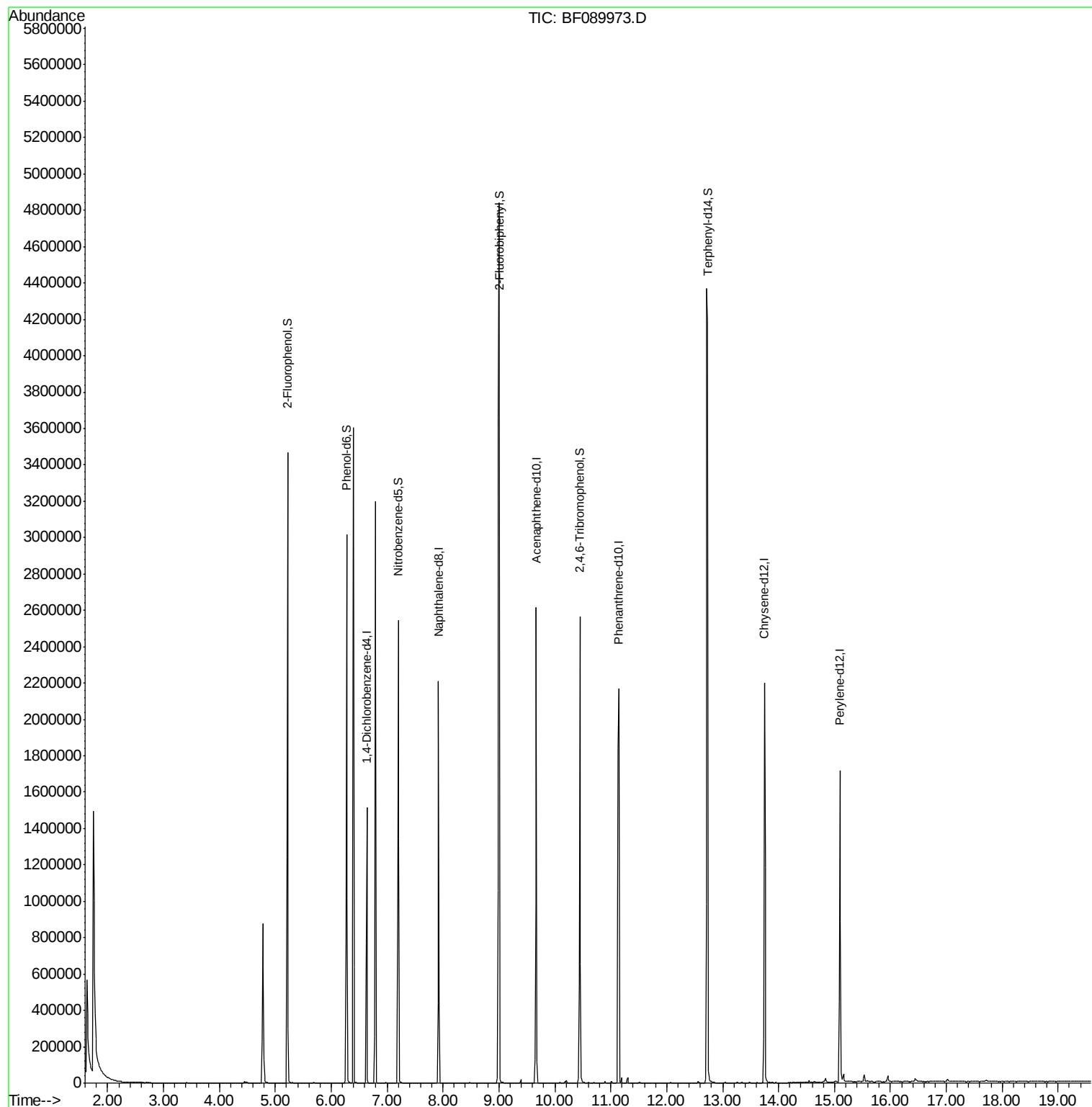
Target Compounds	Qvalue
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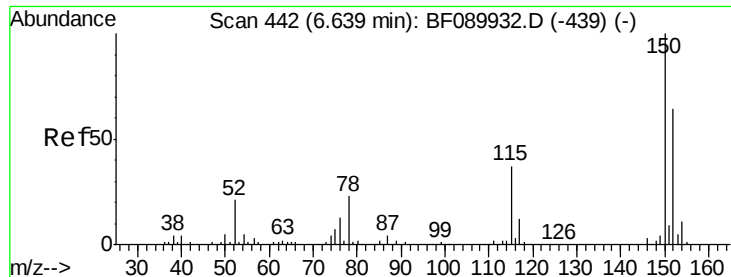
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089973.D

Acq: 2 Sep 2016 13:28

Instrument :

BNA_F

ClientSampleId :

PB93205BL

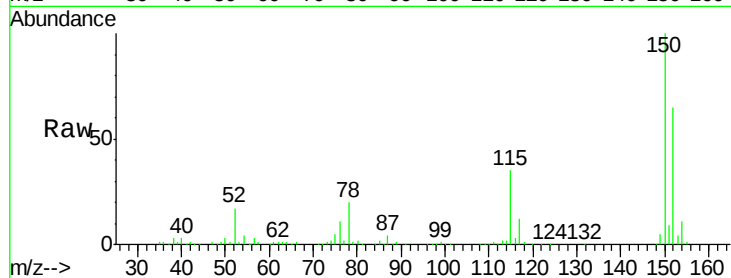
Tgt Ion:152 Resp: 268607

Ion Ratio Lower Upper

152 100

150 154.6 127.4 191.2

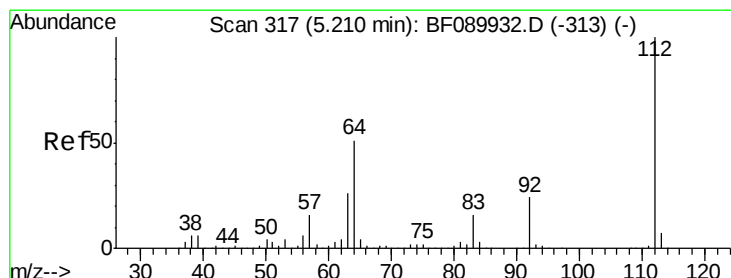
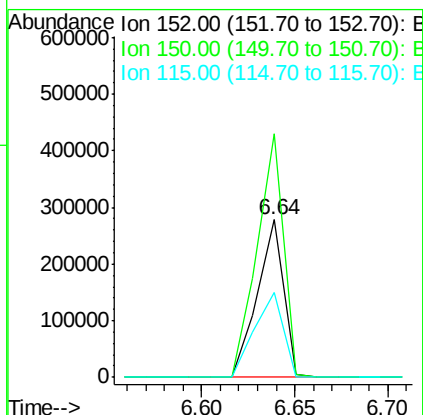
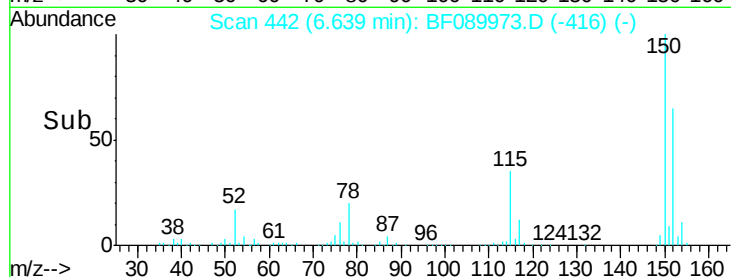
115 53.9 46.3 69.5



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: 58.57 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089973.D

Acq: 2 Sep 2016 13:28

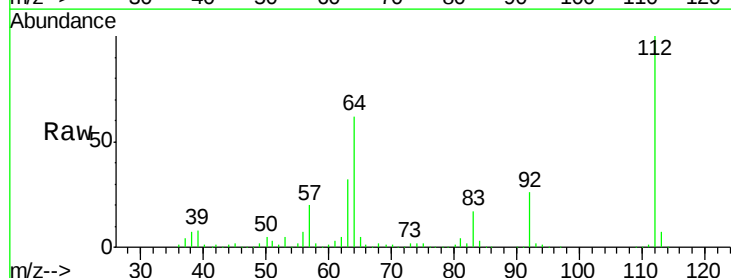
Tgt Ion:112 Resp: 982950

Ion Ratio Lower Upper

112 100

64 61.5 41.1 61.7

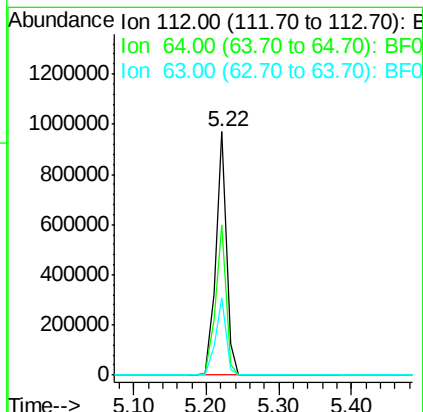
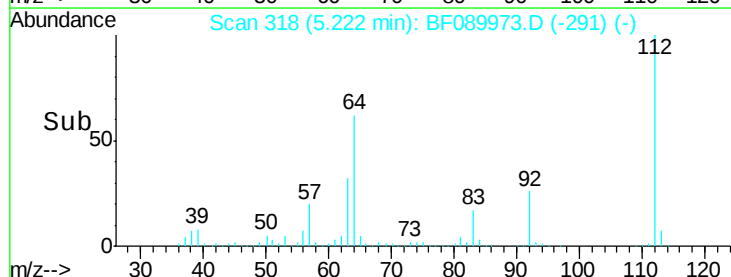
63 31.8 21.2 31.8#

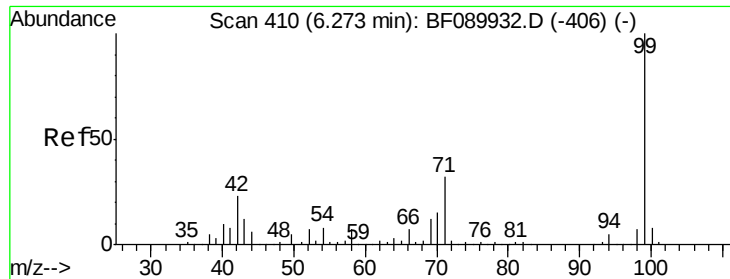


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 58.16 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF089973.D

Acq: 2 Sep 2016 13:28

Instrument :

BNA_F

ClientSampleId :

PB93205BL

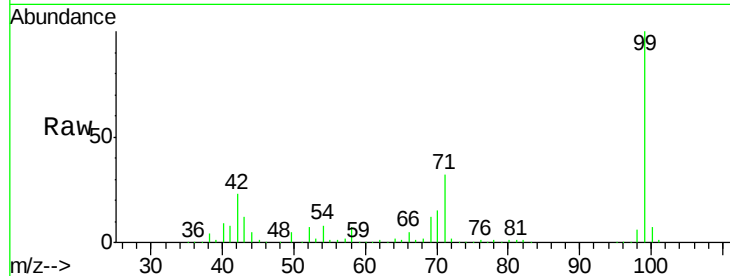
Tgt Ion: 99 Resp: 1185887

Ion Ratio Lower Upper

99 100

42 23.1 18.6 27.8

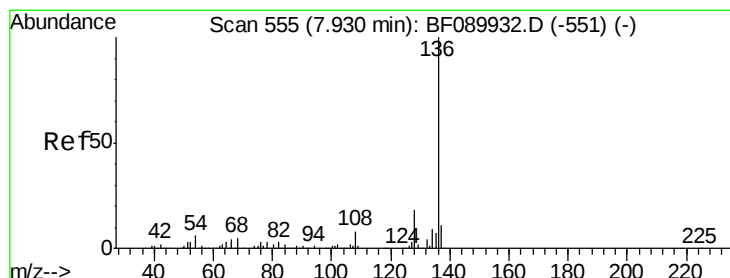
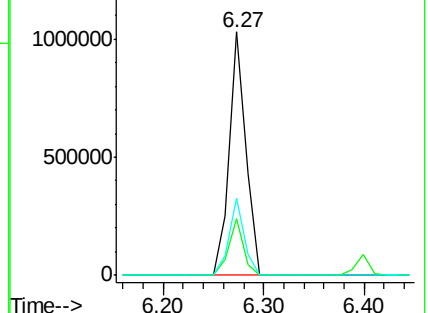
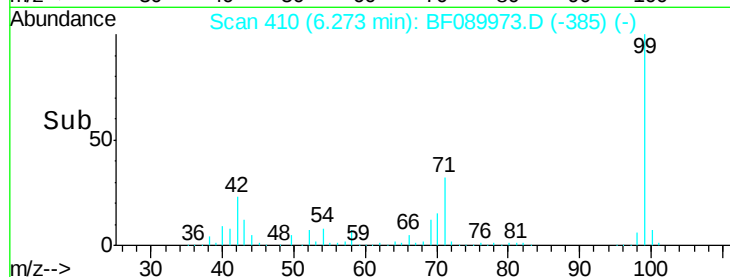
71 31.9 25.8 38.6



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: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF089973.D

Acq: 2 Sep 2016 13:28

Tgt Ion: 136 Resp: 1042758

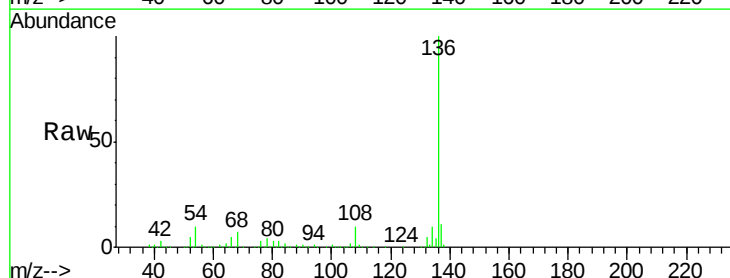
Ion Ratio Lower Upper

136 100

137 11.2 8.3 12.5

54 9.9 4.8 7.2#

68 6.7 3.7 5.5#

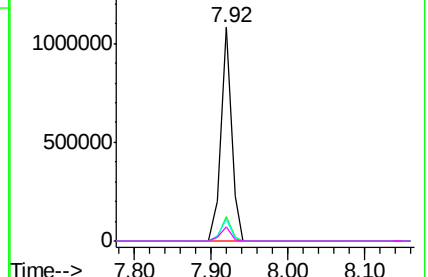
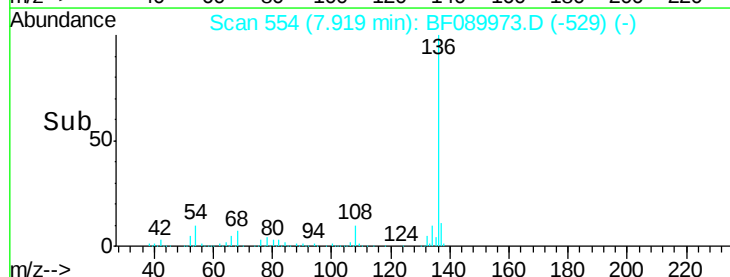


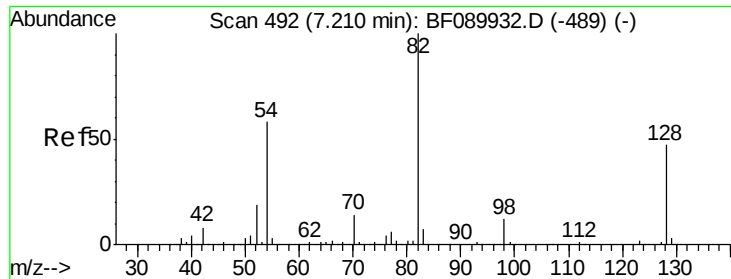
Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.76 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF089973.D

Acq: 2 Sep 2016 13:28

Instrument :

BNA_F

ClientSampleId :

PB93205BL

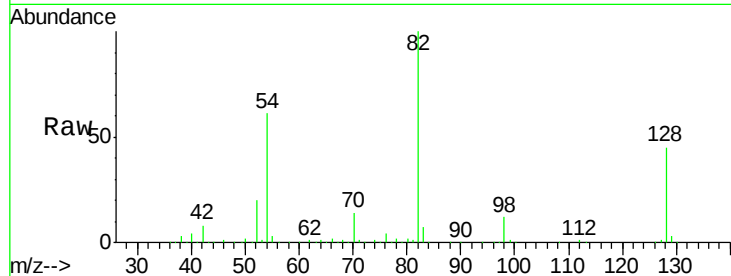
Tgt Ion: 82 Resp: 1074527

Ion Ratio Lower Upper

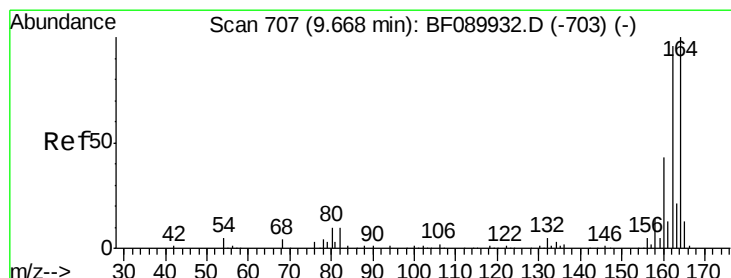
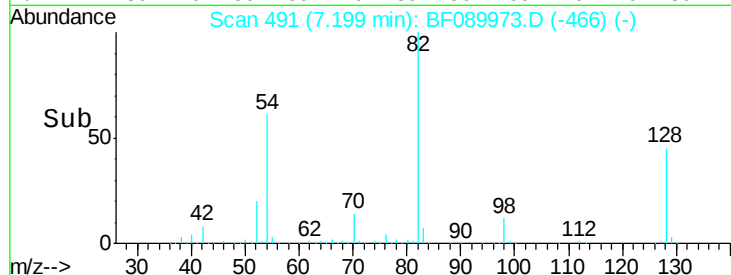
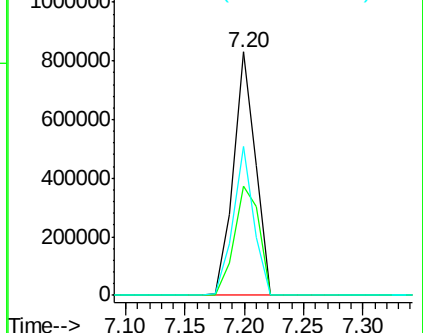
82 100

128 44.8 37.8 56.8

54 61.2 46.9 70.3



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: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089973.D

Acq: 2 Sep 2016 13:28

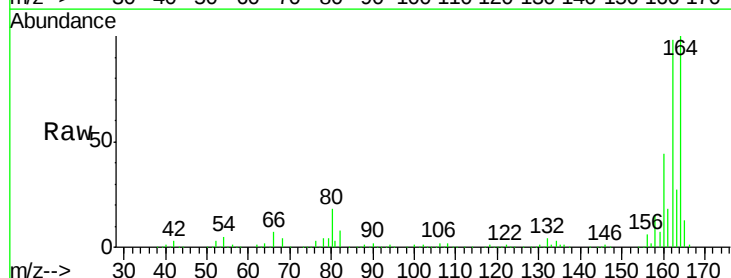
Tgt Ion: 164 Resp: 598528

Ion Ratio Lower Upper

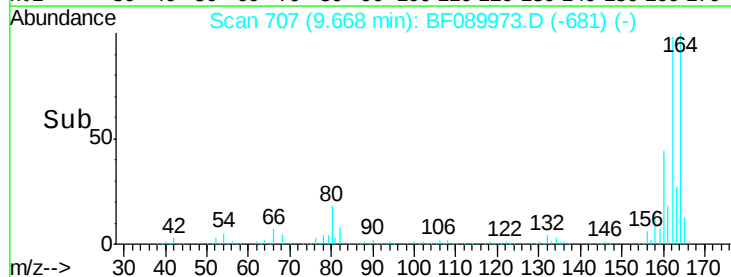
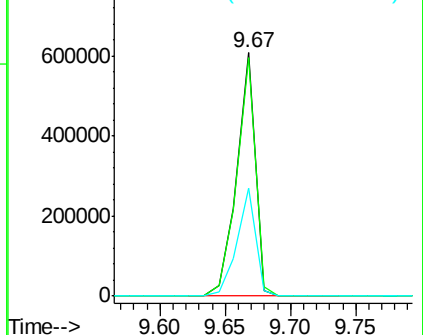
164 100

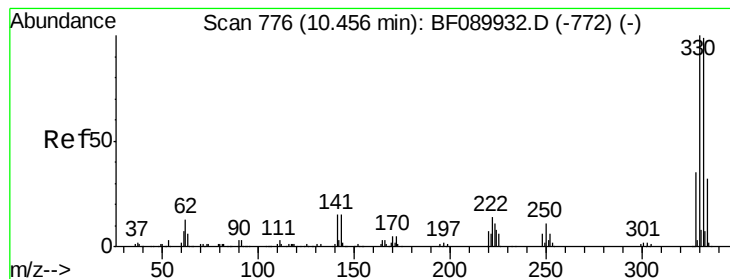
162 98.1 77.1 115.7

160 44.4 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

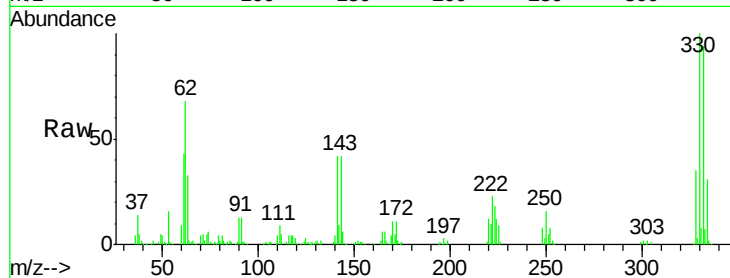




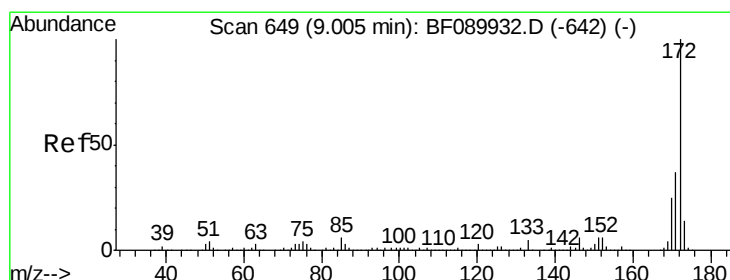
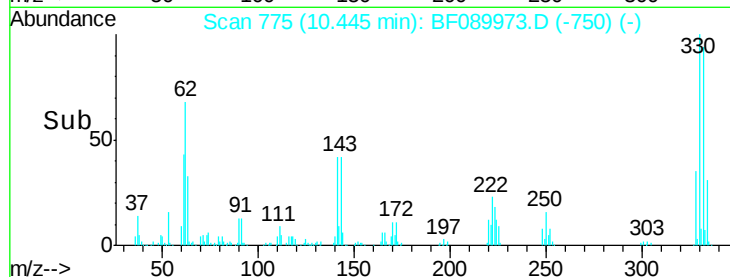
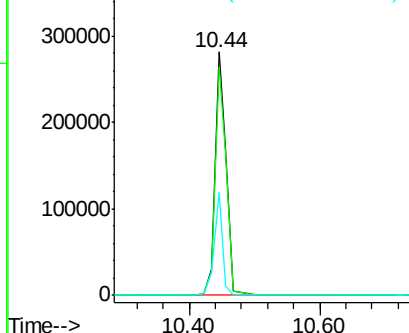
#41
 2,4,6-Tribromophenol
 Concen: 57.62 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF089973.D
 Acq: 2 Sep 2016 13:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93205BL

Tgt Ion:330 Resp: 340215
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.6 117.8
 141 32.3 23.3 34.9

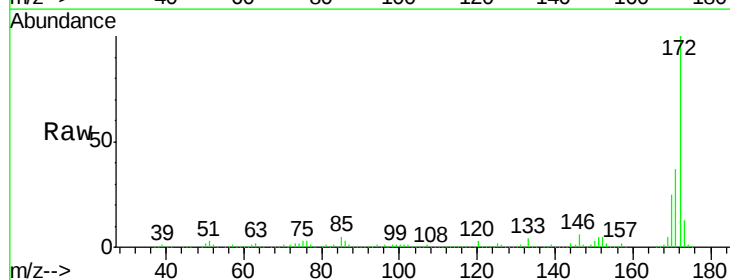


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

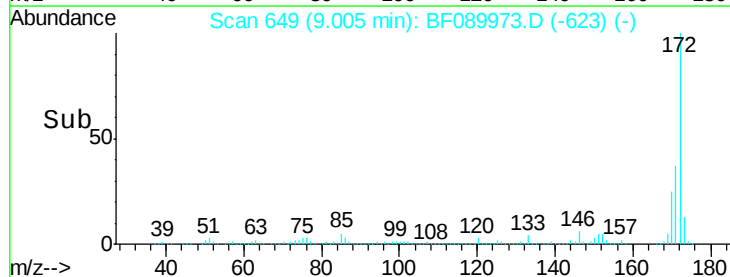
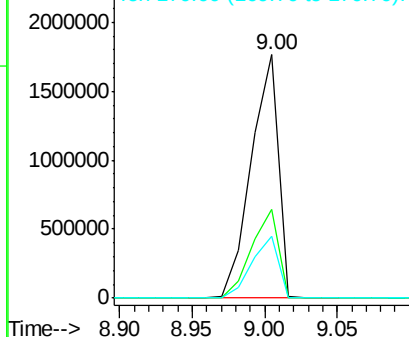


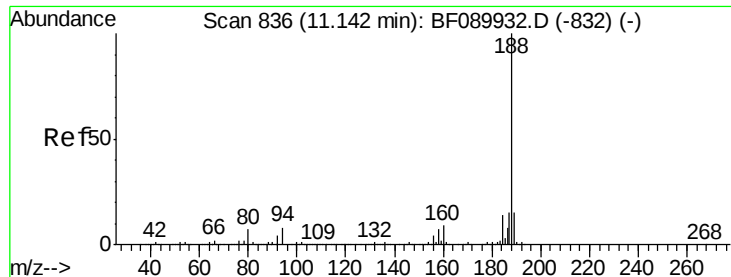
#44
 2-Fluorobiphenyl
 Concen: 62.85 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089973.D
 Acq: 2 Sep 2016 13:28

Tgt Ion:172 Resp: 2291515
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.2
 170 25.4 20.1 30.1



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

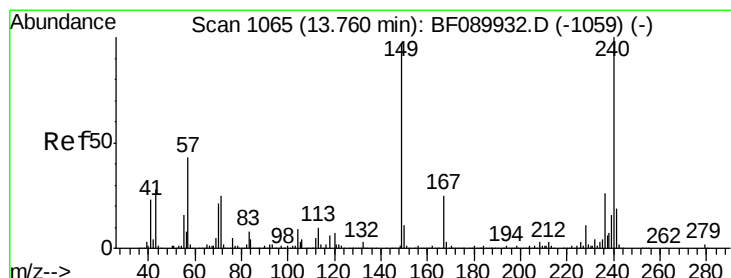
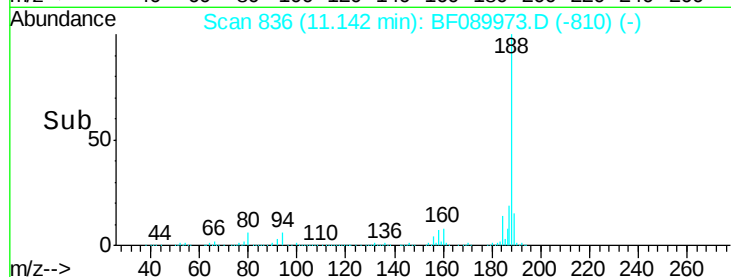
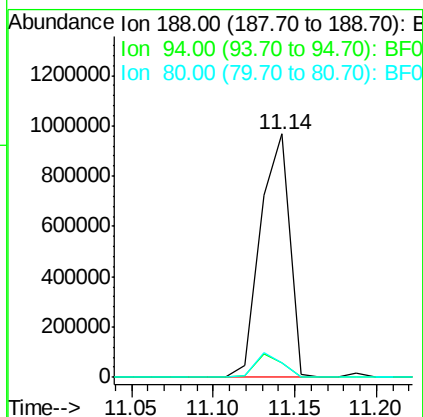
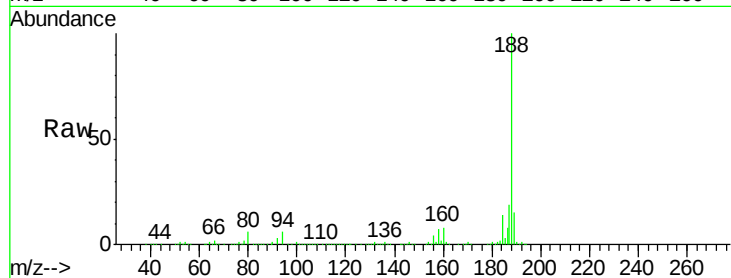




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF089973.D
Acq: 2 Sep 2016 13:28

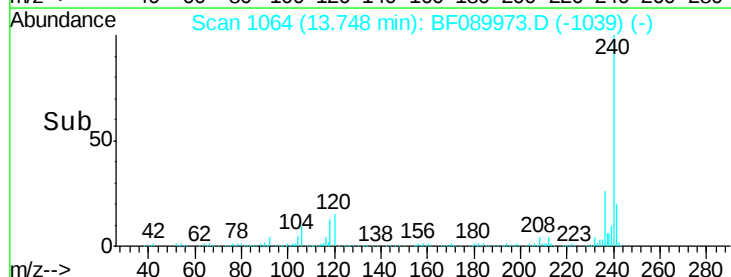
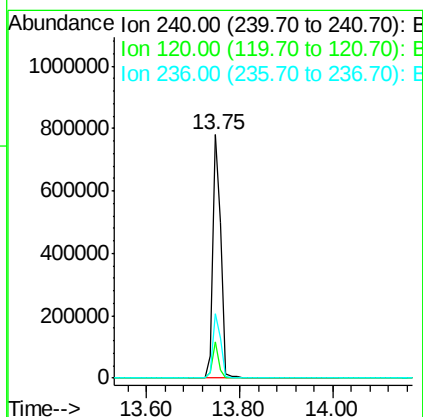
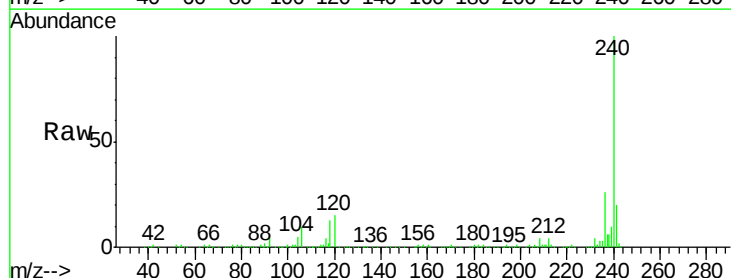
Instrument :
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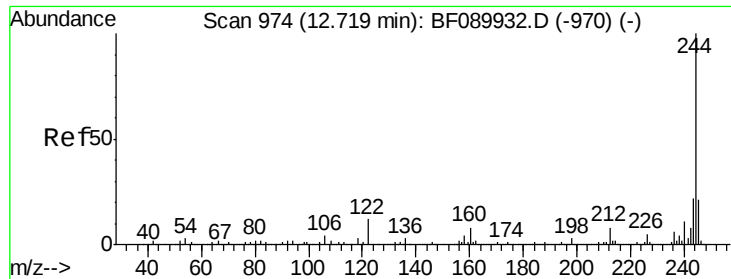
Tgt Ion:188 Resp: 1204966
Ion Ratio Lower Upper
188 100
94 6.1 5.9 8.9
80 5.7 5.8 8.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF089973.D
Acq: 2 Sep 2016 13:28

Tgt Ion:240 Resp: 959654
Ion Ratio Lower Upper
240 100
120 14.7 5.7 8.5#
236 26.3 21.3 31.9

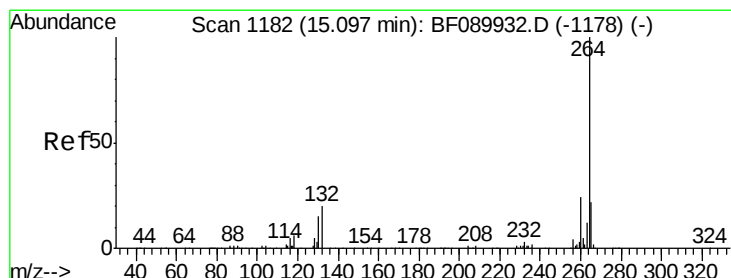
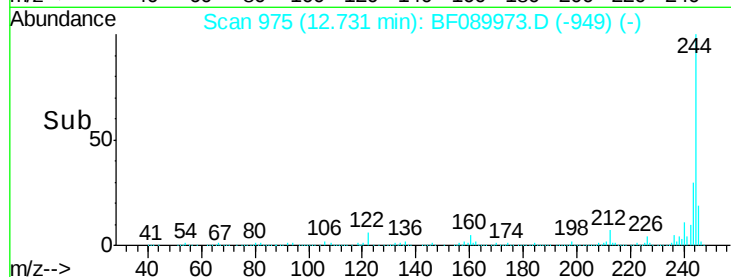
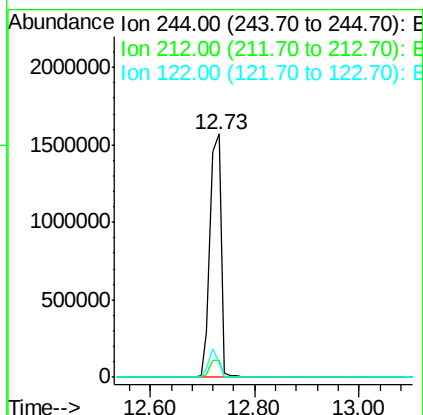
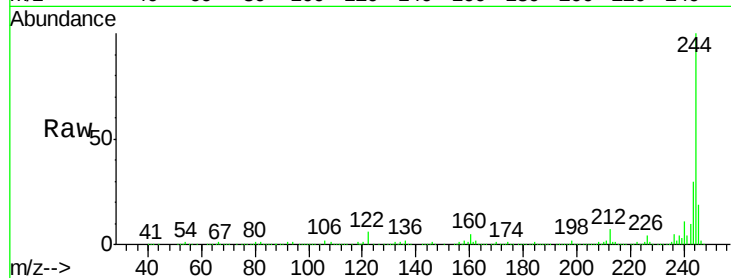




#78
 Terphenyl-d14
 Concen: 60.16 ng
 RT: 12.73 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF089973.D
 Acq: 2 Sep 2016 13:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93205BL

Tgt Ion:244 Resp: 2337191
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 6.2 9.6 14.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF089973.D
 Acq: 2 Sep 2016 13:28

Tgt Ion:264 Resp: 801901
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.0
 265 21.9 17.4 26.2

