

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089953.D
 Acq On : 31 Aug 2016 16:32
 Operator : UM/SJ
 Sample : PB93165BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93165BL

Quant Time: Aug 31 18:09:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	187489	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	724697	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	361643	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	586311	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	463159	20.00	ng	-0.01
86) Perylene-d12	15.10	264	436587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1386778	118.39	ng	0.01
7) Phenol-d6	6.28	99	1950645	137.05	ng	0.01
23) Nitrobenzene-d5	7.20	82	1038571	83.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	383879	107.59	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	2063430	93.66	ng	0.00
78) Terphenyl-d14	12.72	244	1470075	78.41	ng	0.00

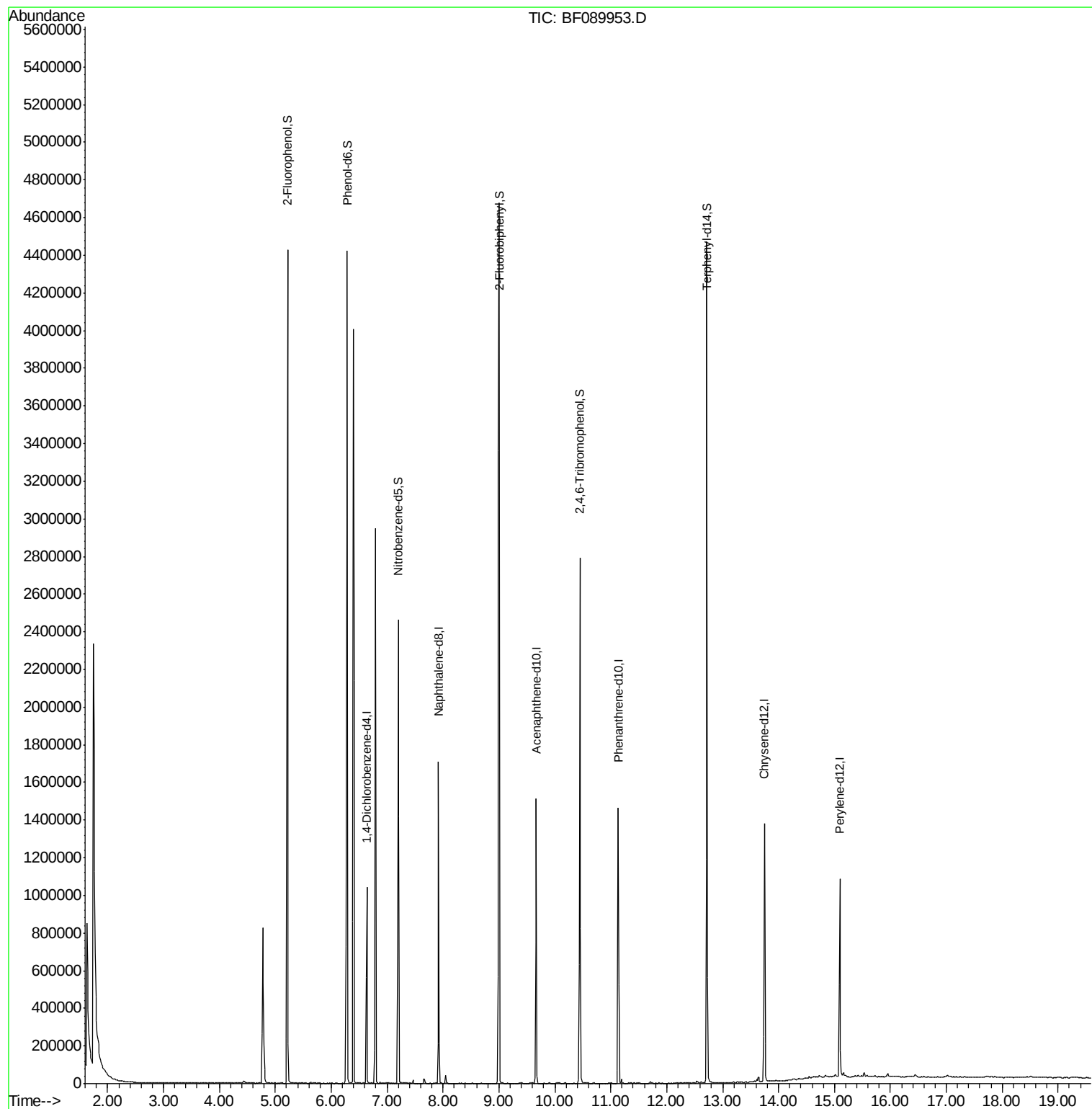
Target Compounds	Qvalue
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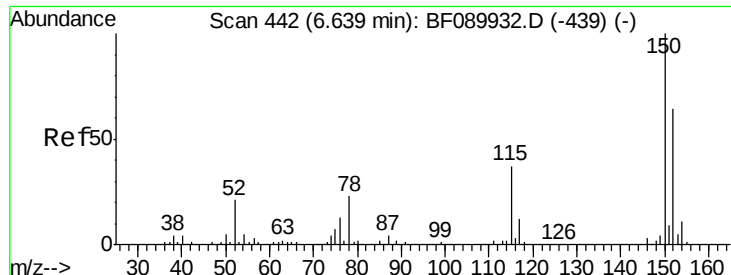
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089953.D

Acq: 31 Aug 2016 16:32

Instrument :

BNA_F

ClientSampleId :

PB93165BL

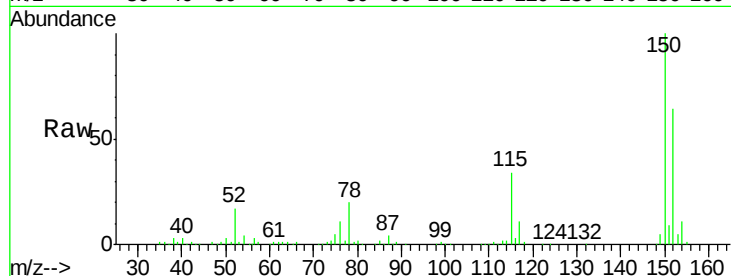
Tgt Ion:152 Resp: 187489

Ion Ratio Lower Upper

152 100

150 156.0 127.4 191.2

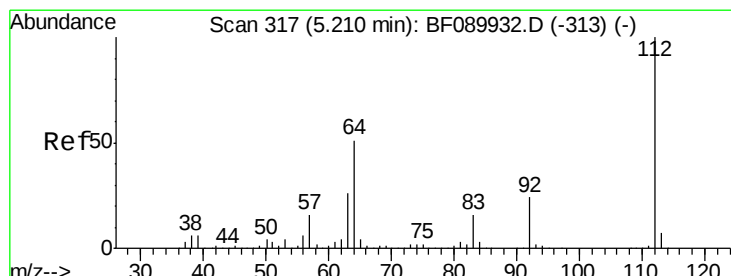
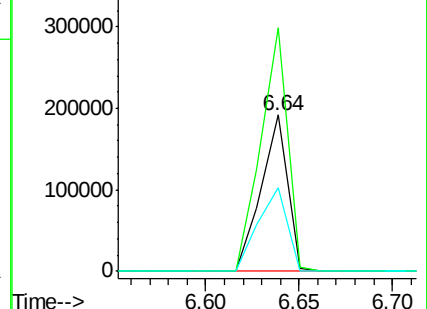
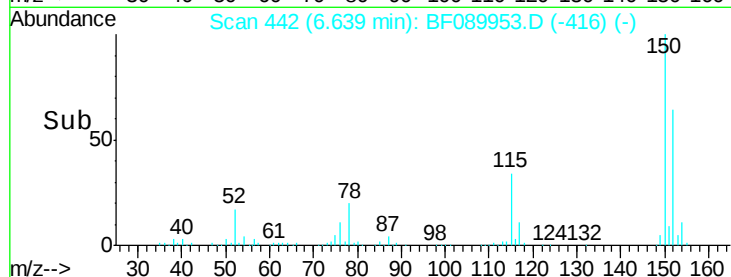
115 53.6 46.3 69.5



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: 118.39 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089953.D

Acq: 31 Aug 2016 16:32

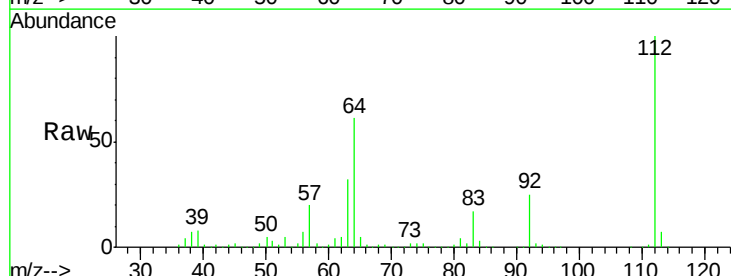
Tgt Ion:112 Resp: 1386778

Ion Ratio Lower Upper

112 100

64 61.1 41.1 61.7

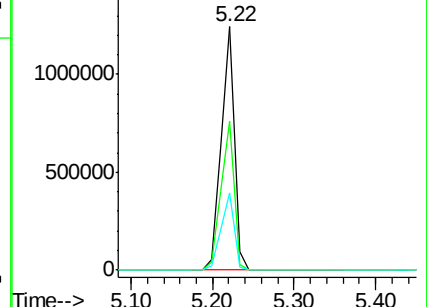
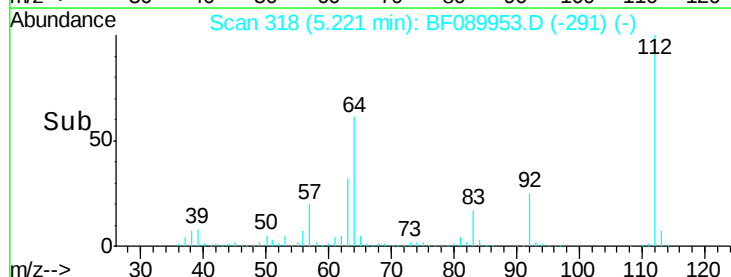
63 31.5 21.2 31.8



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: 137.05 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089953.D

Acq: 31 Aug 2016 16:32

Instrument :

BNA_F

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PB93165BL

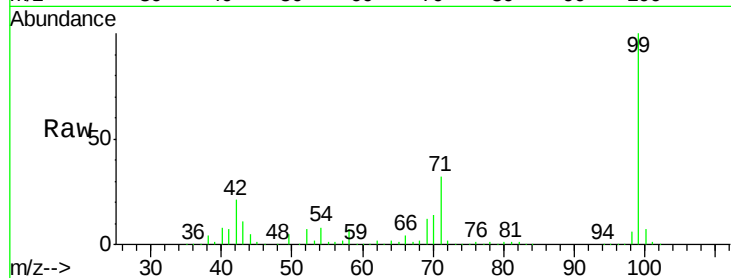
Tgt Ion: 99 Resp: 1950645

Ion Ratio Lower Upper

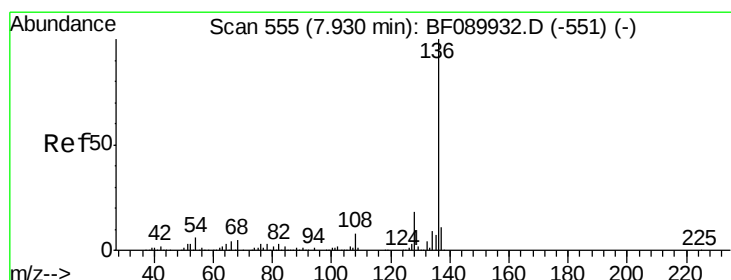
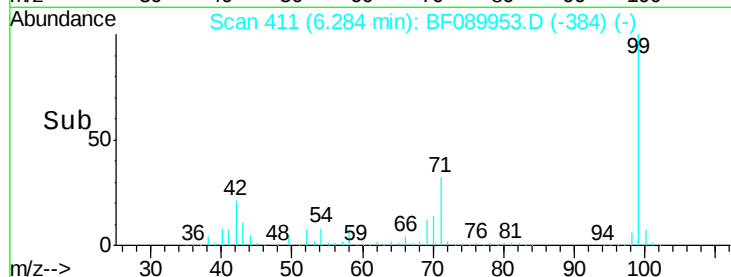
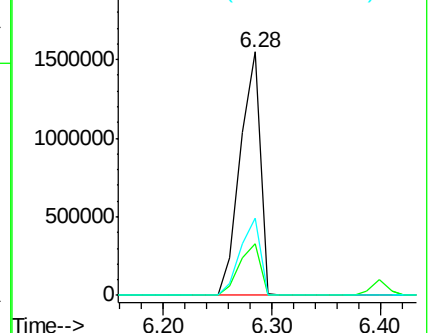
99 100

42 21.4 18.6 27.8

71 31.7 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: BF089953.D

Acq: 31 Aug 2016 16:32

Tgt Ion: 136 Resp: 724697

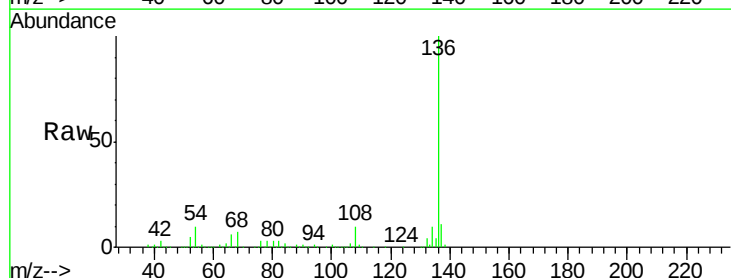
Ion Ratio Lower Upper

136 100

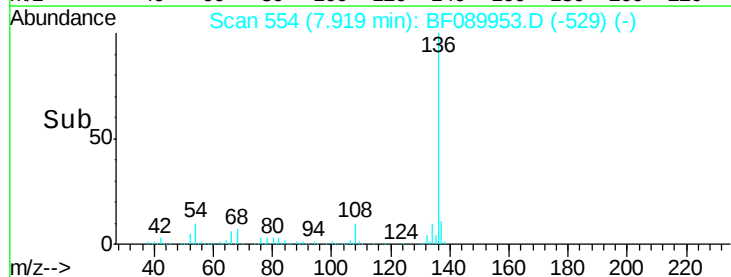
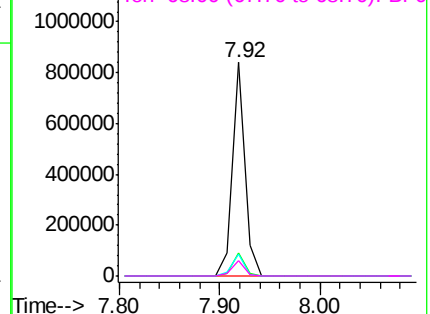
137 11.1 8.3 12.5

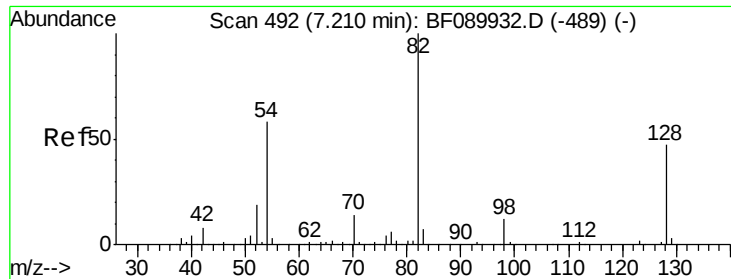
54 9.9 4.8 7.2#

68 7.0 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

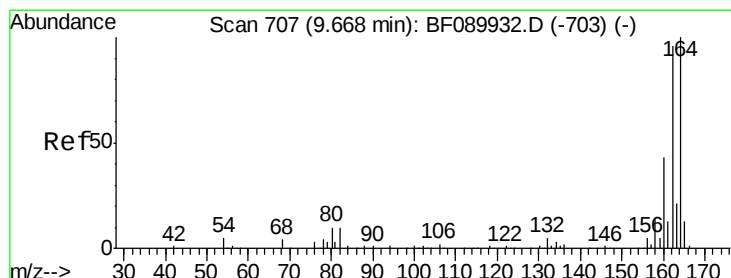
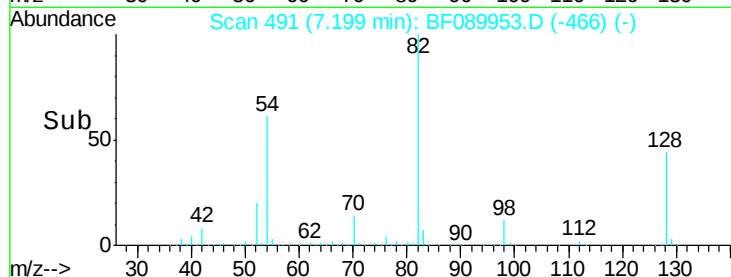
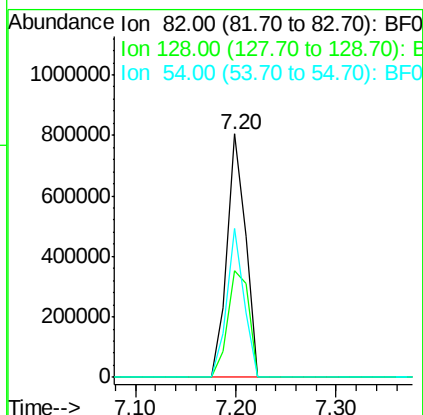
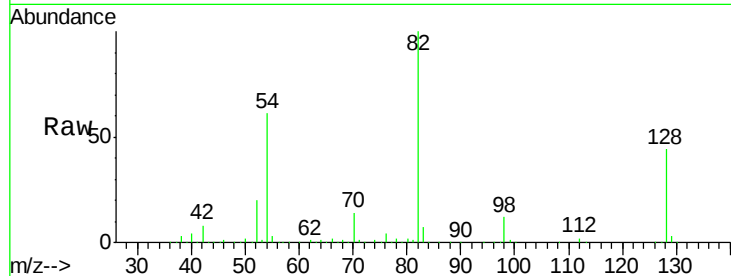




#23
 Nitrobenzene-d5
 Concen: 83.11 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF089953.D
 Acq: 31 Aug 2016 16:32

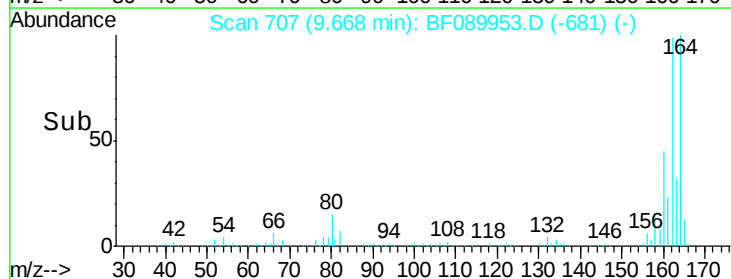
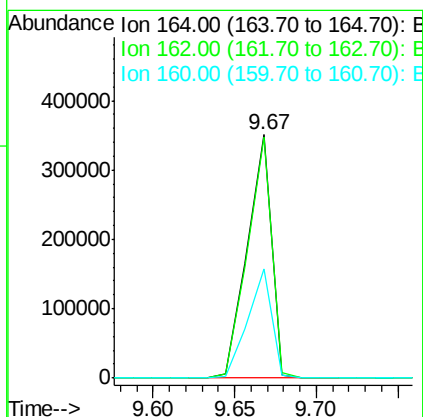
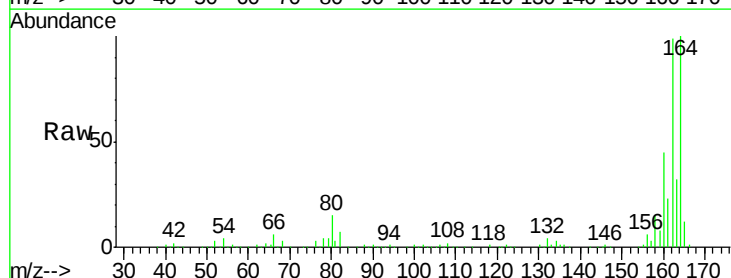
Instrument :
 BNA_F
 ClientSampleId :
 PB93165BL

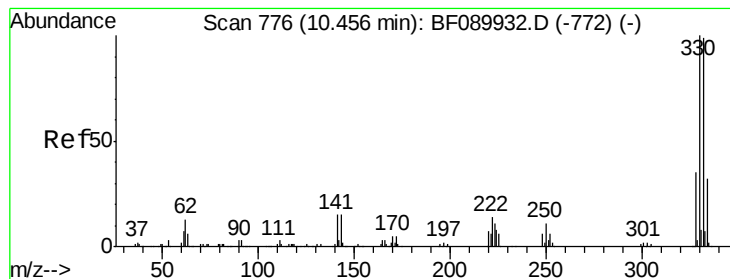
Tgt Ion: 82 Resp: 1038571
 Ion Ratio Lower Upper
 82 100
 128 44.0 37.8 56.8
 54 60.9 46.9 70.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089953.D
 Acq: 31 Aug 2016 16:32

Tgt Ion: 164 Resp: 361643
 Ion Ratio Lower Upper
 164 100
 162 99.3 77.1 115.7
 160 44.7 35.3 52.9

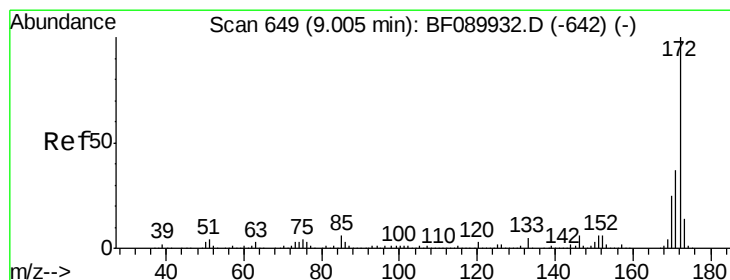
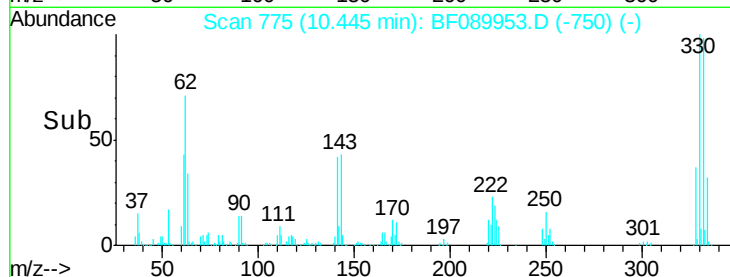
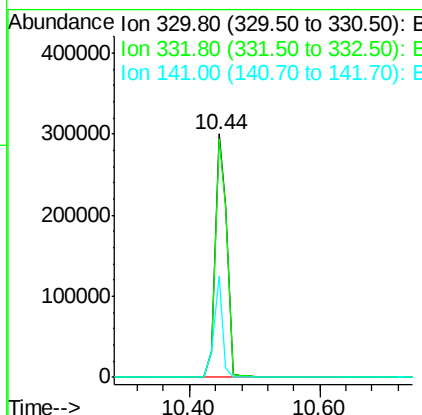
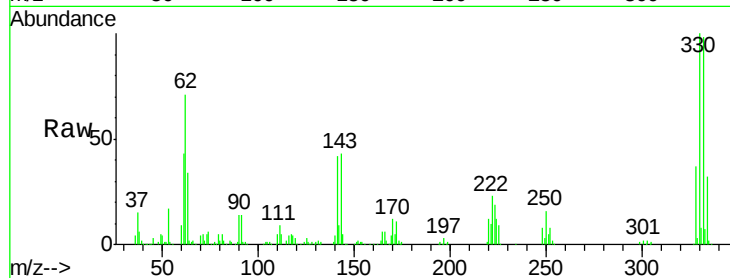




#41
 2,4,6-Tribromophenol
 Concen: 107.59 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF089953.D
 Acq: 31 Aug 2016 16:32

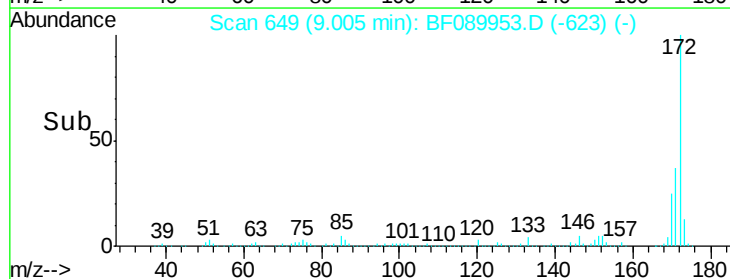
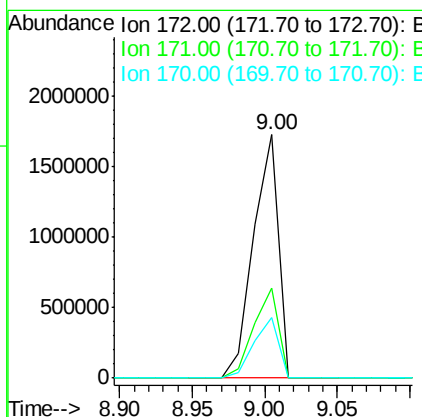
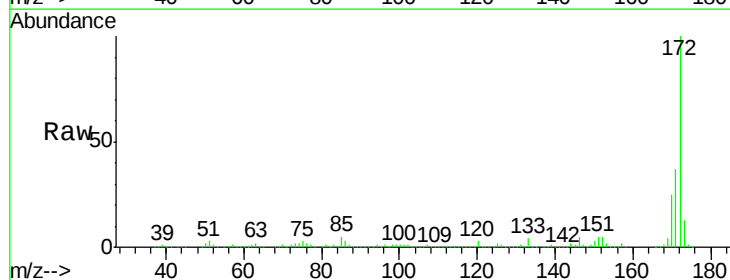
Instrument :
 BNA_F
 ClientSampleId :
 PB93165BL

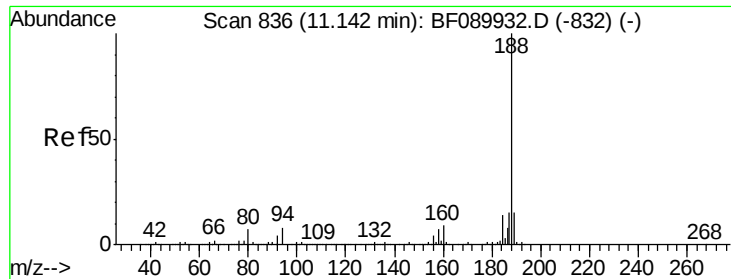
Tgt Ion:330 Resp: 383879
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.6 117.8
 141 30.8 23.3 34.9



#44
 2-Fluorobiphenyl
 Concen: 93.66 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089953.D
 Acq: 31 Aug 2016 16:32

Tgt Ion:172 Resp: 2063430
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.2
 170 24.7 20.1 30.1

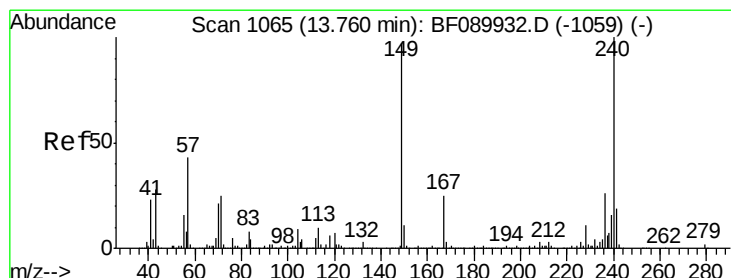
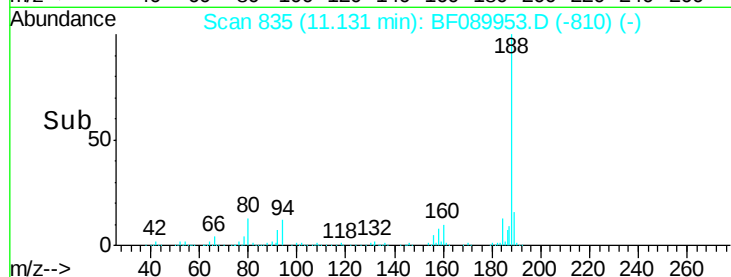
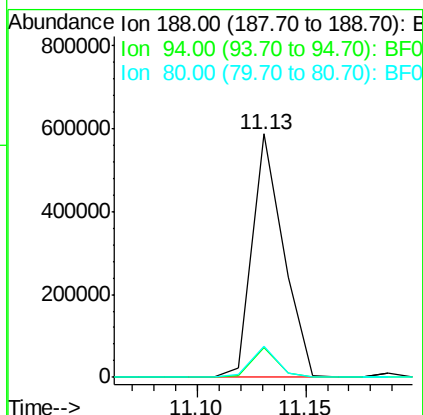
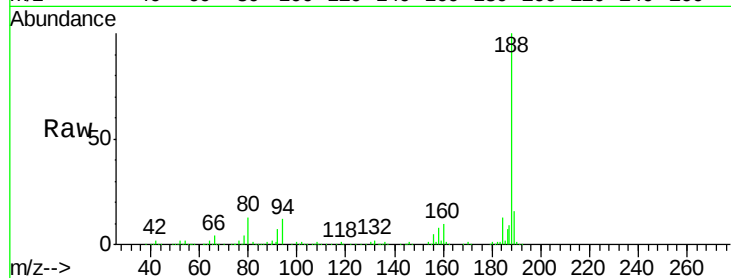




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF089953.D
Acq: 31 Aug 2016 16:32

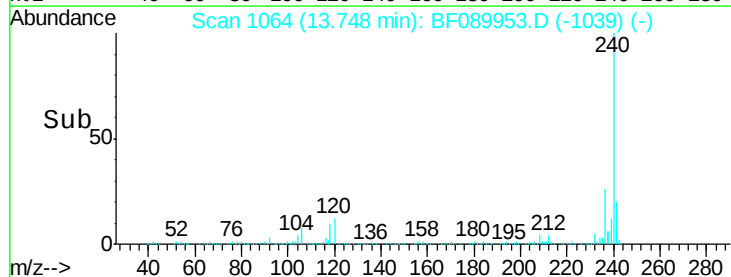
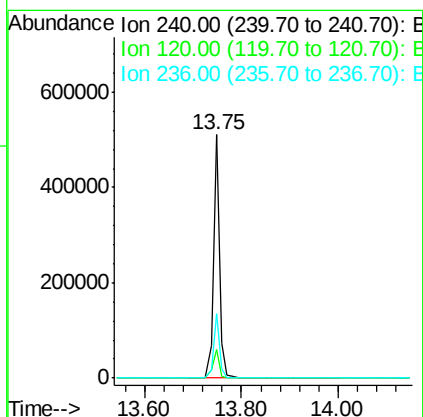
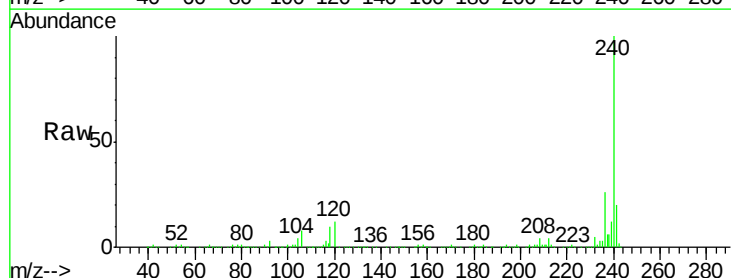
Instrument :
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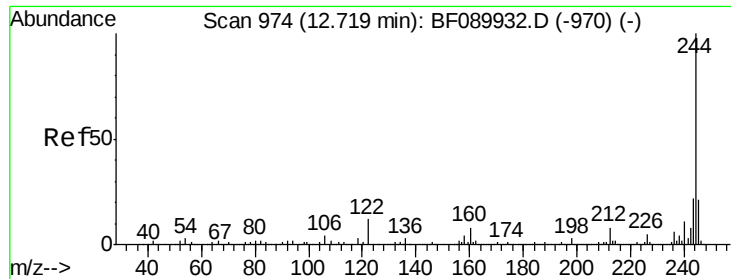
Tgt Ion:188 Resp: 586311
Ion Ratio Lower Upper
188 100
94 12.0 5.9 8.9#
80 12.6 5.8 8.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF089953.D
Acq: 31 Aug 2016 16:32

Tgt Ion:240 Resp: 463159
Ion Ratio Lower Upper
240 100
120 11.8 5.7 8.5#
236 26.3 21.3 31.9

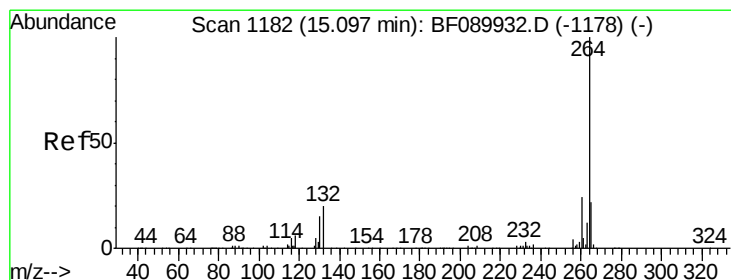
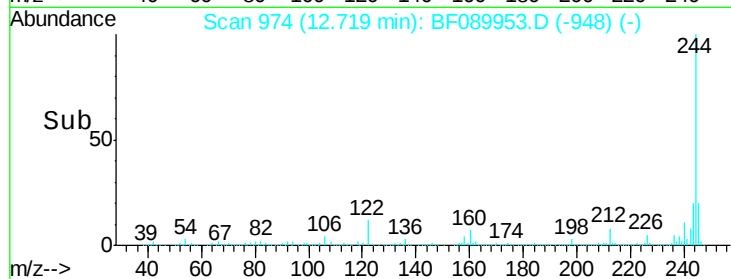
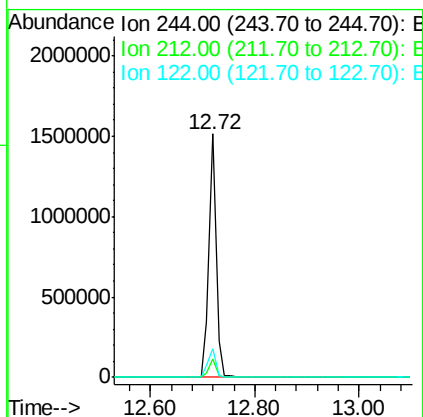
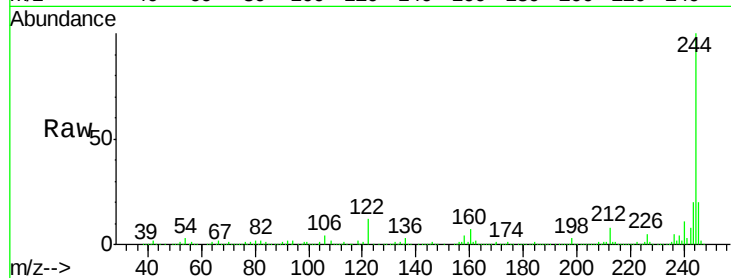




#78
 Terphenyl-d14
 Concen: 78.41 ng
 RT: 12.72 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF089953.D
 Acq: 31 Aug 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :
 PB93165BL

Tgt Ion:244 Resp: 1470075
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 11.8 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: BF089953.D
 Acq: 31 Aug 2016 16:32

Tgt Ion:264 Resp: 436587
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.0
 265 21.9 17.4 26.2

