

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090616\
 Data File : BF089992.D
 Acq On : 6 Sep 2016 17:04
 Operator : UM/SJ
 Sample : PB93146BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BL

Quant Time: Sep 06 17:49:15 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	6.62	152	219576	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	881005	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	470604	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	963421	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	778918	20.00	ng	-0.03
86) Perylene-d12	15.07	264	630737	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1669700	121.72	ng	0.00
7) Phenol-d6	6.27	99	2142968	128.56	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1234650	81.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	488483	105.21	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	2081125	72.59	ng	-0.02
78) Terphenyl-d14	12.71	244	2310378	73.27	ng	-0.02

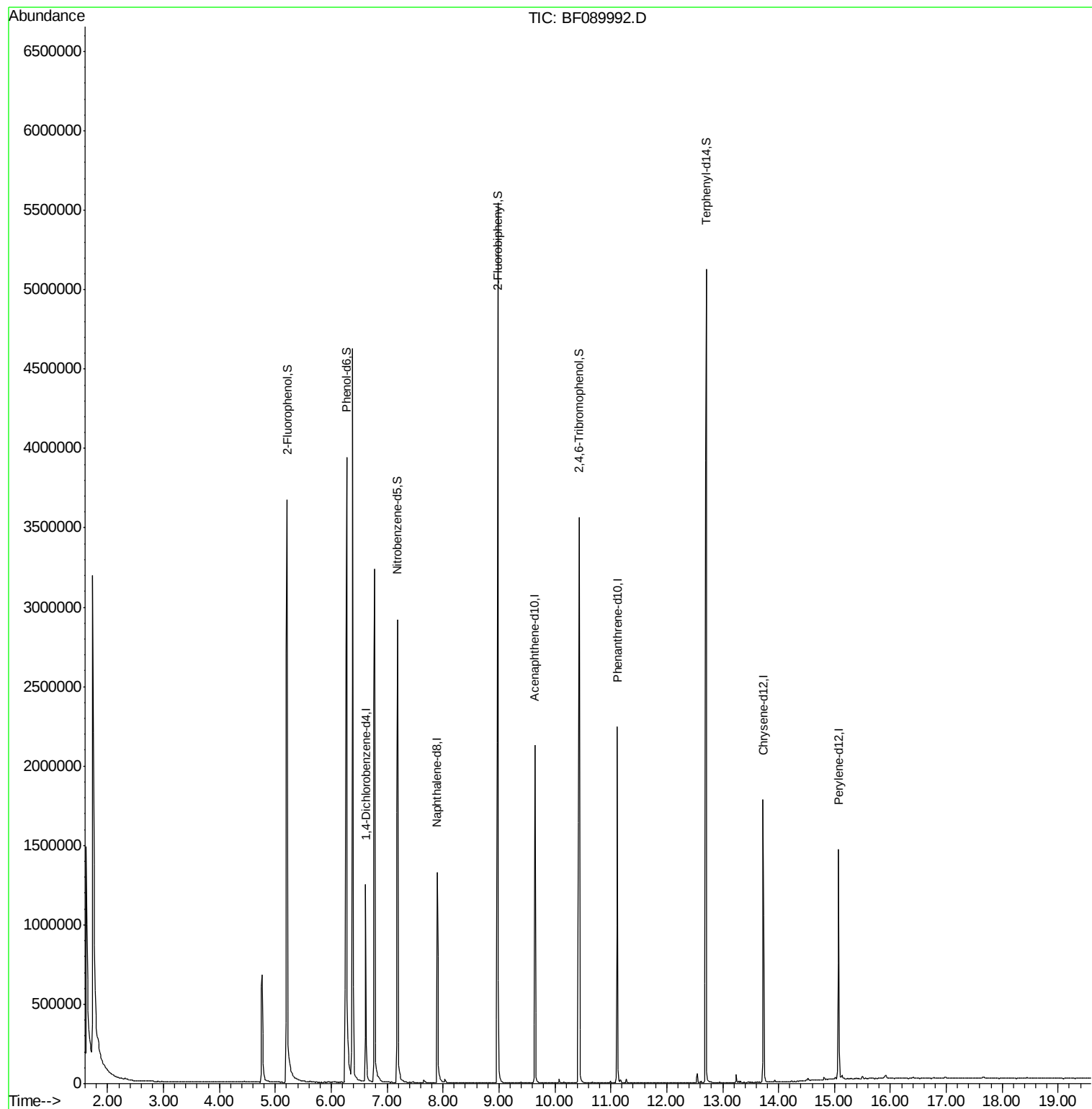
Target Compounds	Qvalue
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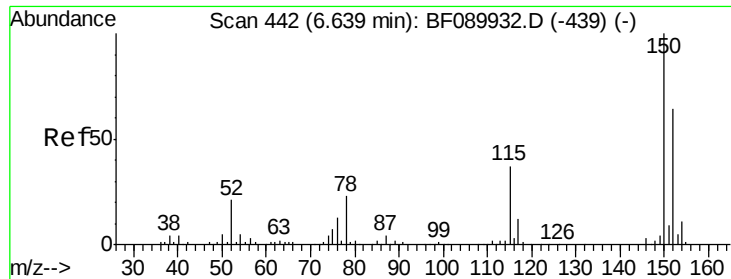
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF089992.D

Acq: 6 Sep 2016 17:04

Instrument :

BNA_F

ClientSampleId :

PB93146BL

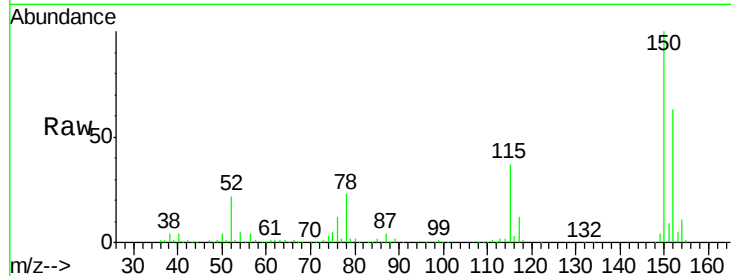
Tgt Ion:152 Resp: 219576

Ion Ratio Lower Upper

152 100

150 159.2 127.4 191.2

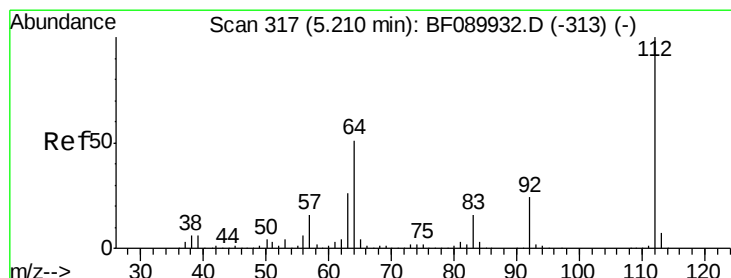
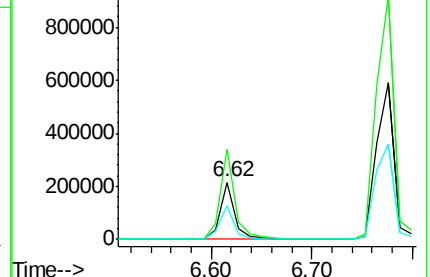
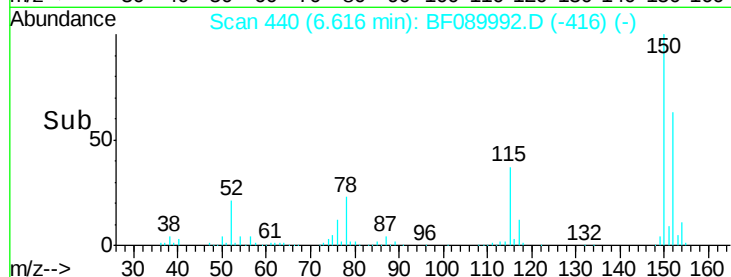
115 58.6 46.3 69.5



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: 121.72 ng

RT: 5.21 min Scan# 317

Delta R.T. -0.00 min

Lab File: BF089992.D

Acq: 6 Sep 2016 17:04

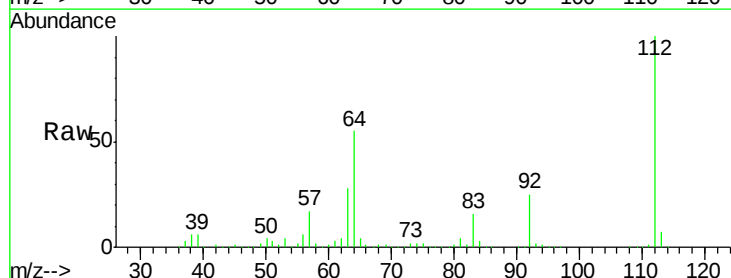
Tgt Ion:112 Resp: 1669700

Ion Ratio Lower Upper

112 100

64 54.7 41.1 61.7

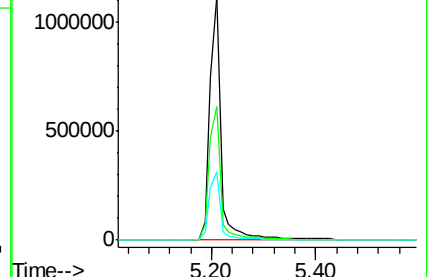
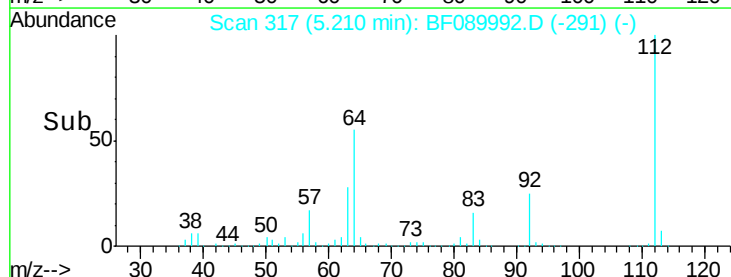
63 28.0 21.2 31.8

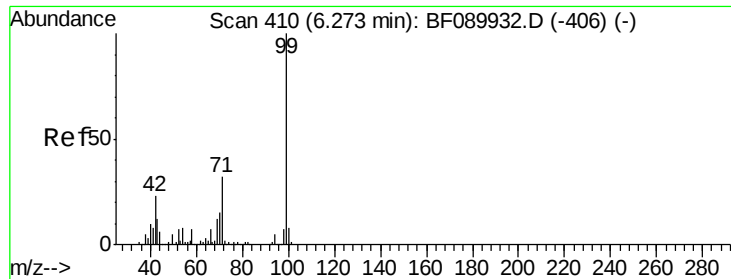


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 128.56 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF089992.D

Acq: 6 Sep 2016 17:04

Instrument :

BNA_F

ClientSampleId :

PB93146BL

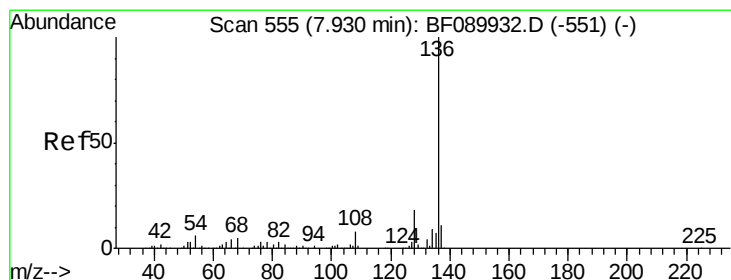
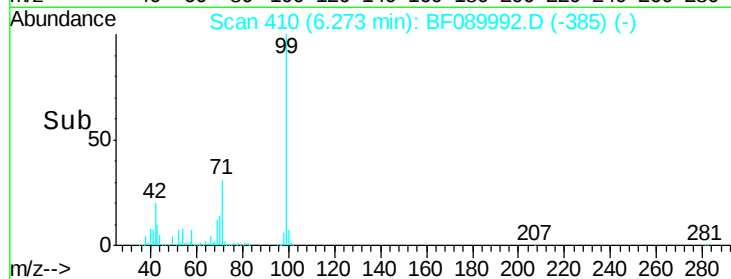
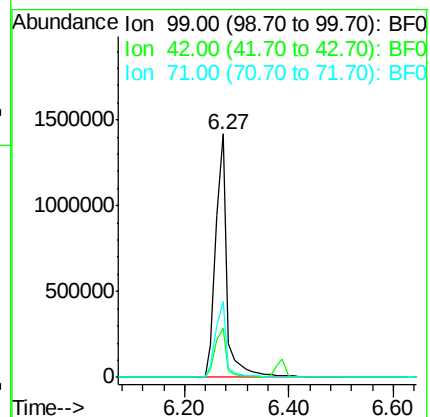
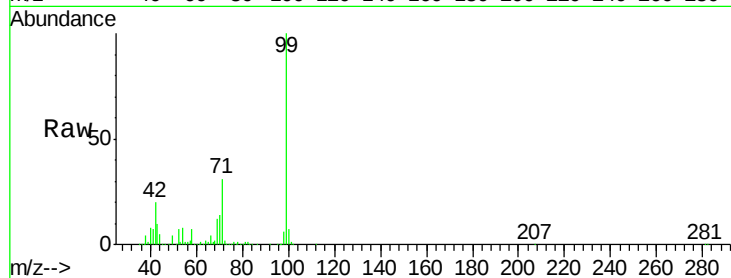
Tgt Ion: 99 Resp: 2142968

Ion Ratio Lower Upper

99 100

42 20.2 18.6 27.8

71 31.1 25.8 38.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.03 min

Lab File: BF089992.D

Acq: 6 Sep 2016 17:04

Tgt Ion: 136 Resp: 881005

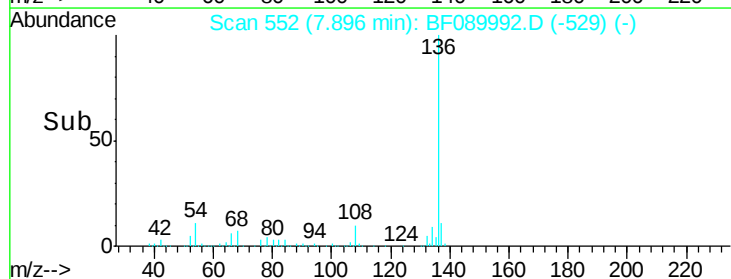
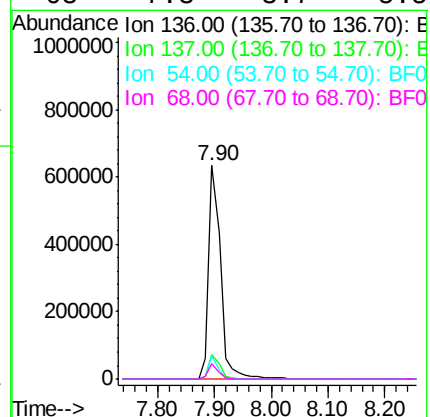
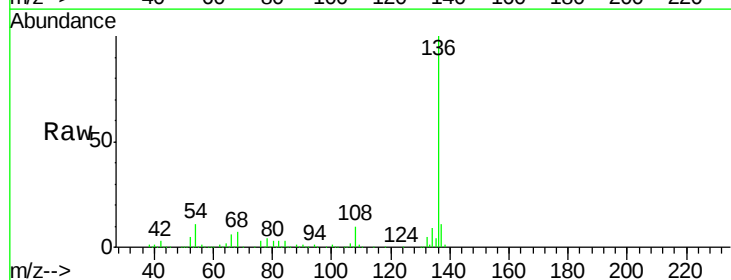
Ion Ratio Lower Upper

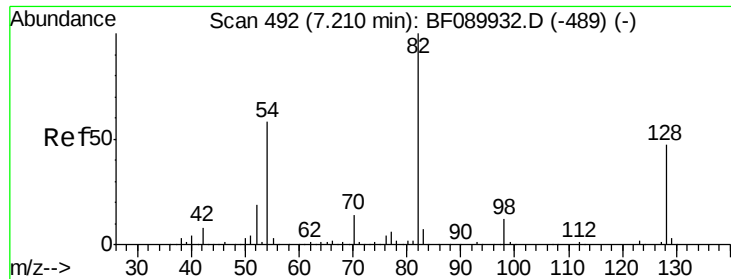
136 100

137 11.3 8.3 12.5

54 10.9 4.8 7.2#

68 7.3 3.7 5.5#

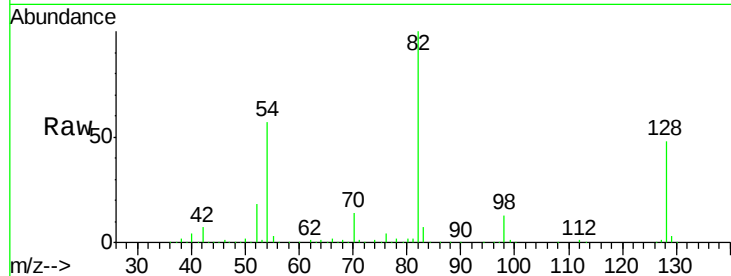




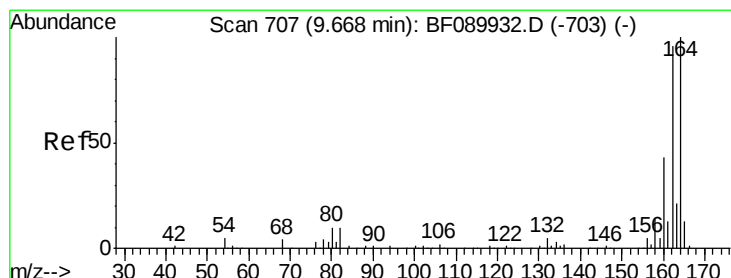
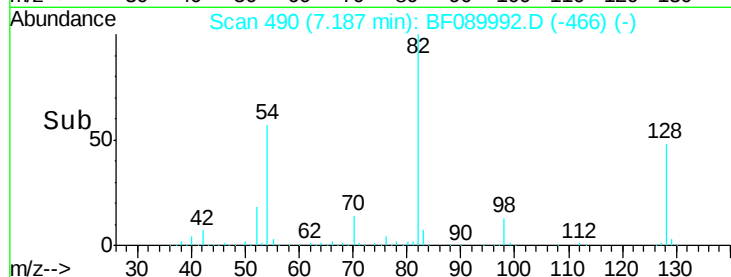
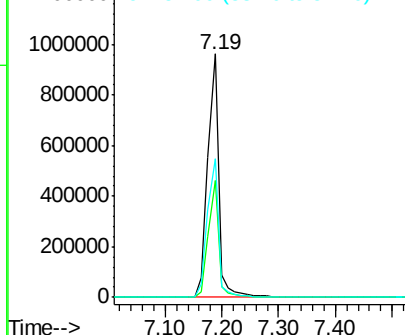
#23
 Nitrobenzene-d5
 Concen: 81.28 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF089992.D
 Acq: 6 Sep 2016 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PB93146BL

Tgt Ion: 82 Resp: 1234650
 Ion Ratio Lower Upper
 82 100
 128 48.3 37.8 56.8
 54 57.0 46.9 70.3

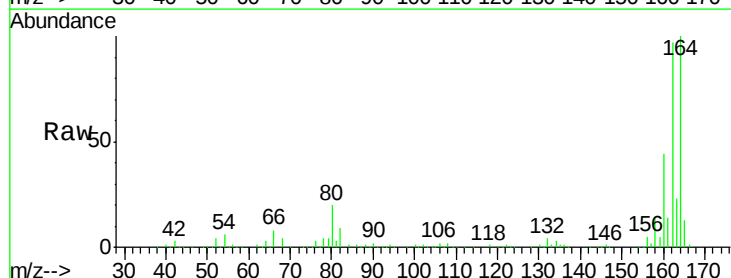


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

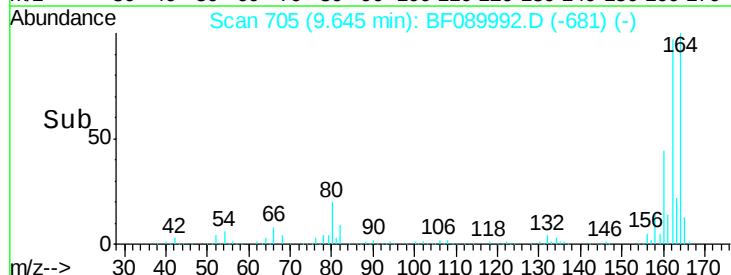
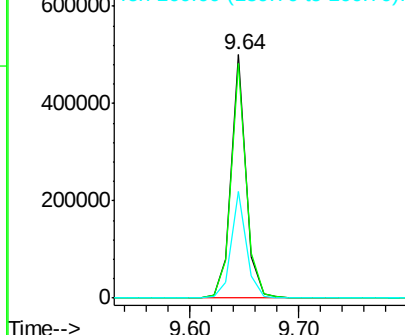


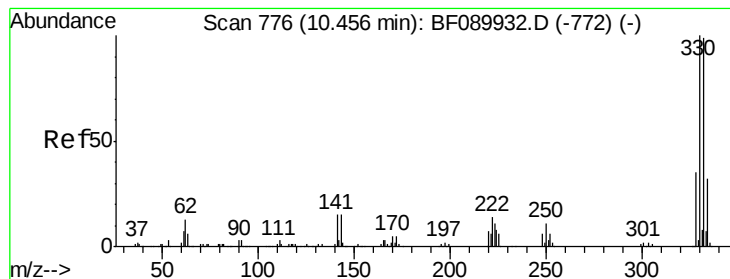
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF089992.D
 Acq: 6 Sep 2016 17:04

Tgt Ion: 164 Resp: 470604
 Ion Ratio Lower Upper
 164 100
 162 96.6 77.1 115.7
 160 43.6 35.3 52.9



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

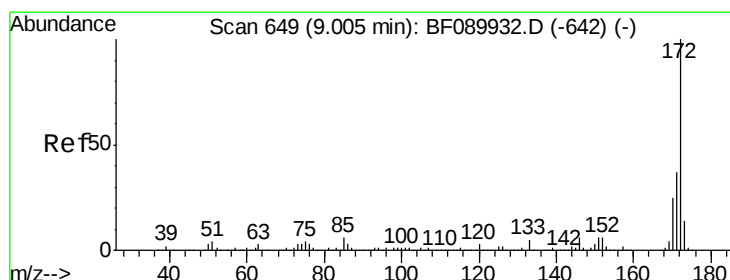
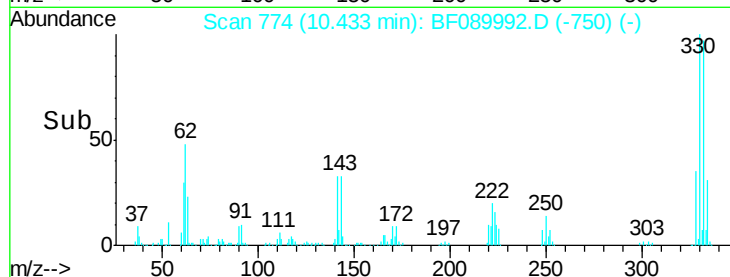
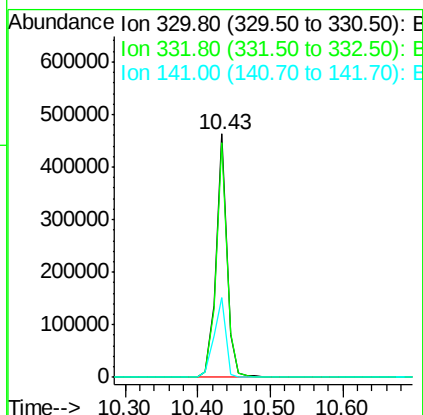
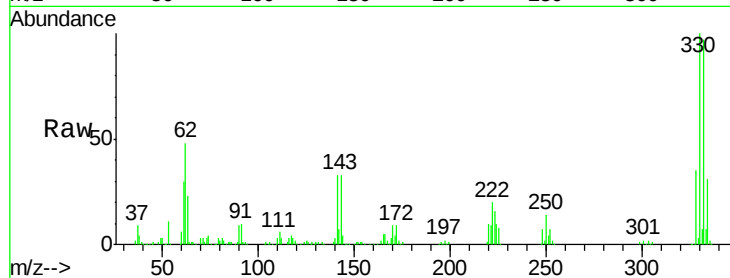




#41
 2,4,6-Tribromophenol
 Concen: 105.21 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF089992.D
 Acq: 6 Sep 2016 17:04

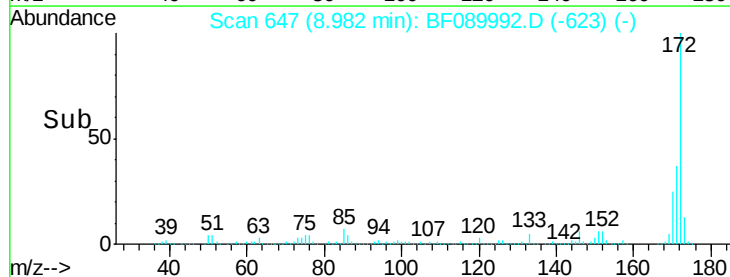
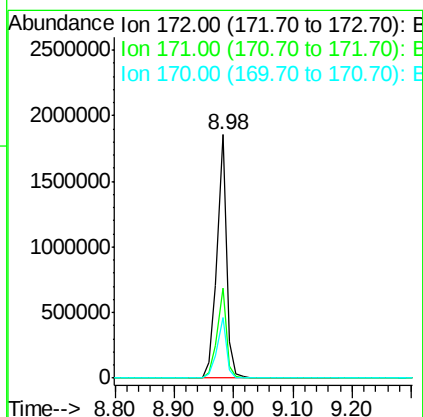
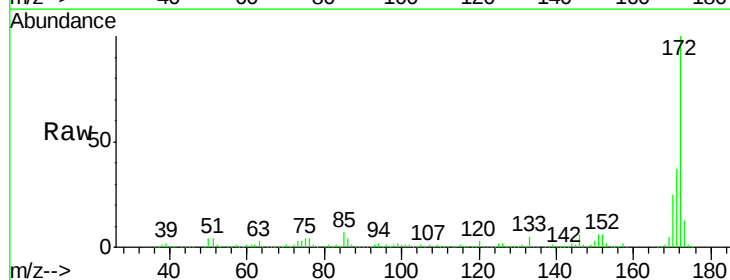
Instrument :
 BNA_F
 ClientSampleId :
 PB93146BL

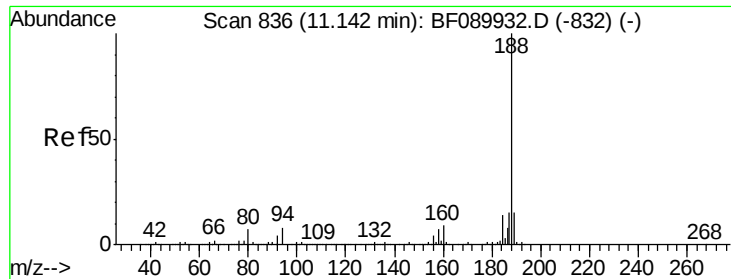
Tgt Ion:330 Resp: 488483
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.6 117.8
 141 35.3 23.3 34.9#



#44
 2-Fluorobiphenyl
 Concen: 72.59 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF089992.D
 Acq: 6 Sep 2016 17:04

Tgt Ion:172 Resp: 2081125
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.2
 170 25.1 20.1 30.1

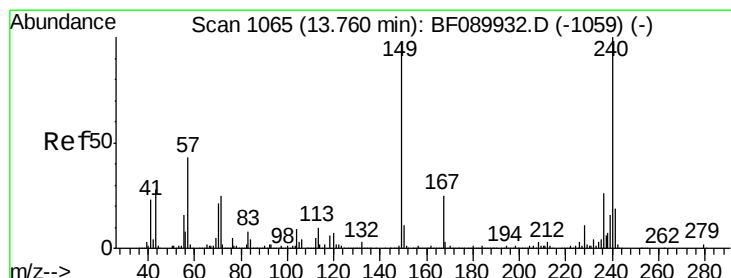
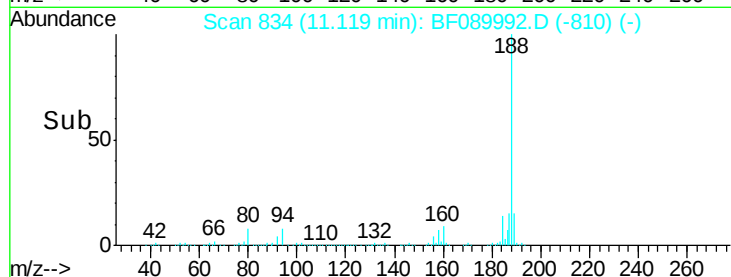
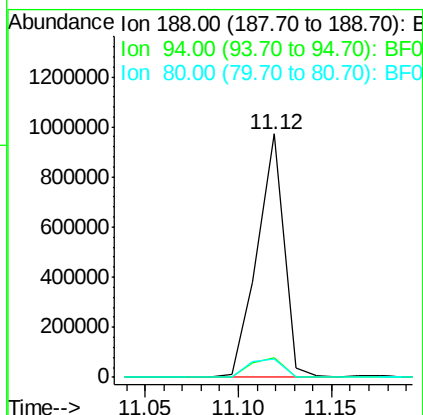
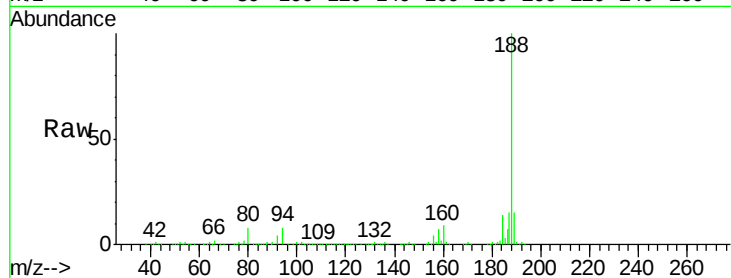




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF089992.D
Acq: 6 Sep 2016 17:04

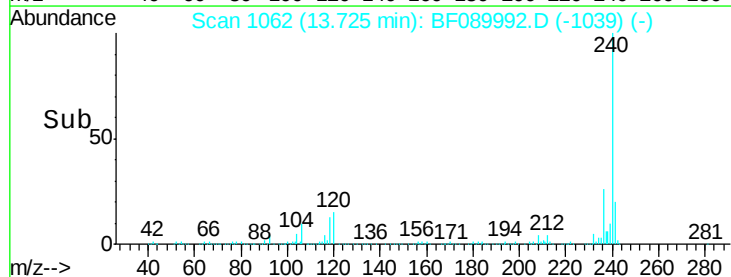
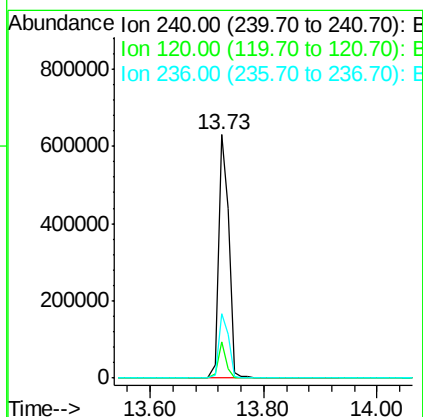
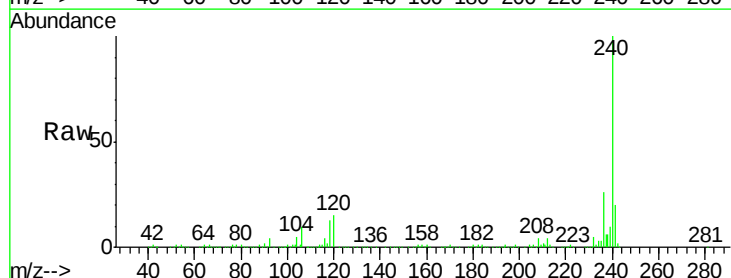
Instrument :
BNA_F
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PB93146BL

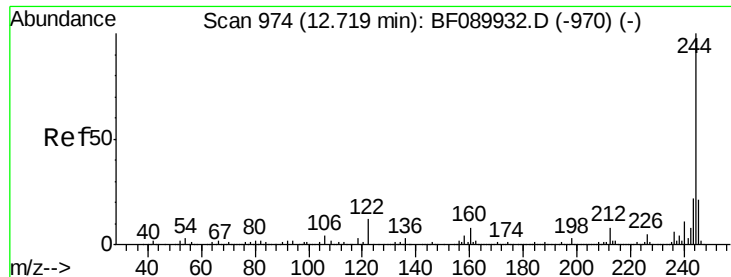
Tgt Ion:188 Resp: 963421
Ion Ratio Lower Upper
188 100
94 8.0 5.9 8.9
80 7.6 5.8 8.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.03 min
Lab File: BF089992.D
Acq: 6 Sep 2016 17:04

Tgt Ion:240 Resp: 778918
Ion Ratio Lower Upper
240 100
120 15.0 5.7 8.5#
236 26.4 21.3 31.9

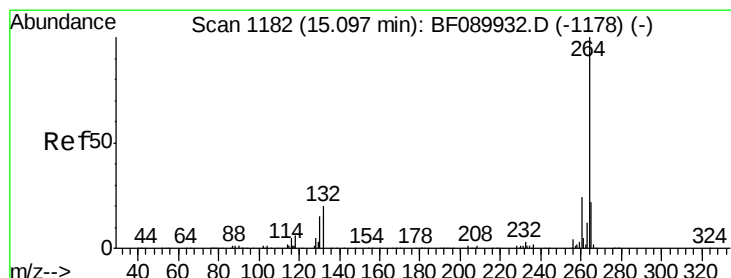
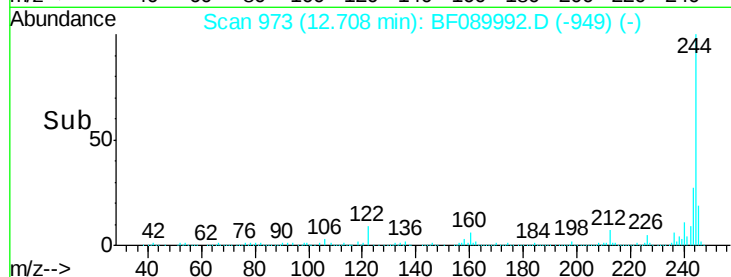
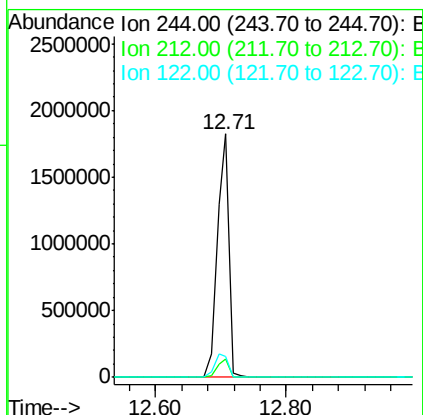
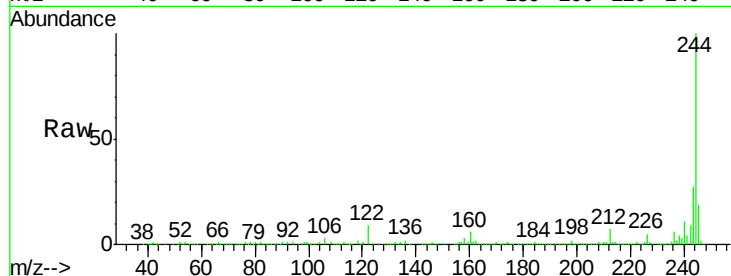




#78
 Terphenyl-d14
 Concen: 73.27 ng
 RT: 12.71 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BF089992.D
 Acq: 6 Sep 2016 17:04

Instrument :
 BNA_F
 ClientSampleID :
 PB93146BL

Tgt Ion:244 Resp: 2310378
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 8.7 9.6 14.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF089992.D
 Acq: 6 Sep 2016 17:04

Tgt Ion:264 Resp: 630737
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.0
 265 21.7 17.4 26.2

