

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080916\
 Data File : BF089690.D
 Acq On : 9 Aug 2016 16:19
 Operator : UM/SJ
 Sample : PB92784BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92784BL

Quant Time: Aug 09 17:56:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	39133	20.00	ng	-0.03
21) Naphthalene-d8	9.44	136	163354	20.00	ng	-0.03
38) Acenaphthene-d10	12.25	164	80463	20.00	ng	-0.05
63) Phenanthrene-d10	14.65	188	156967	20.00	ng	-0.05
75) Chrysene-d12	18.35	240	124568	20.00	ng	-0.03
86) Perylene-d12	20.02	264	92121	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	187543	80.32	ng	-0.01
7) Phenol-d6	6.95	99	255544	80.68	ng	-0.03
23) Nitrobenzene-d5	8.32	82	245464	83.11	ng	-0.05
41) 2,4,6-Tribromophenol	13.54	330	49247	74.17	ng	-0.05
44) 2-Fluorobiphenyl	11.21	172	464155	74.97	ng	-0.05
78) Terphenyl-d14	17.03	244	458623	72.68	ng	-0.02

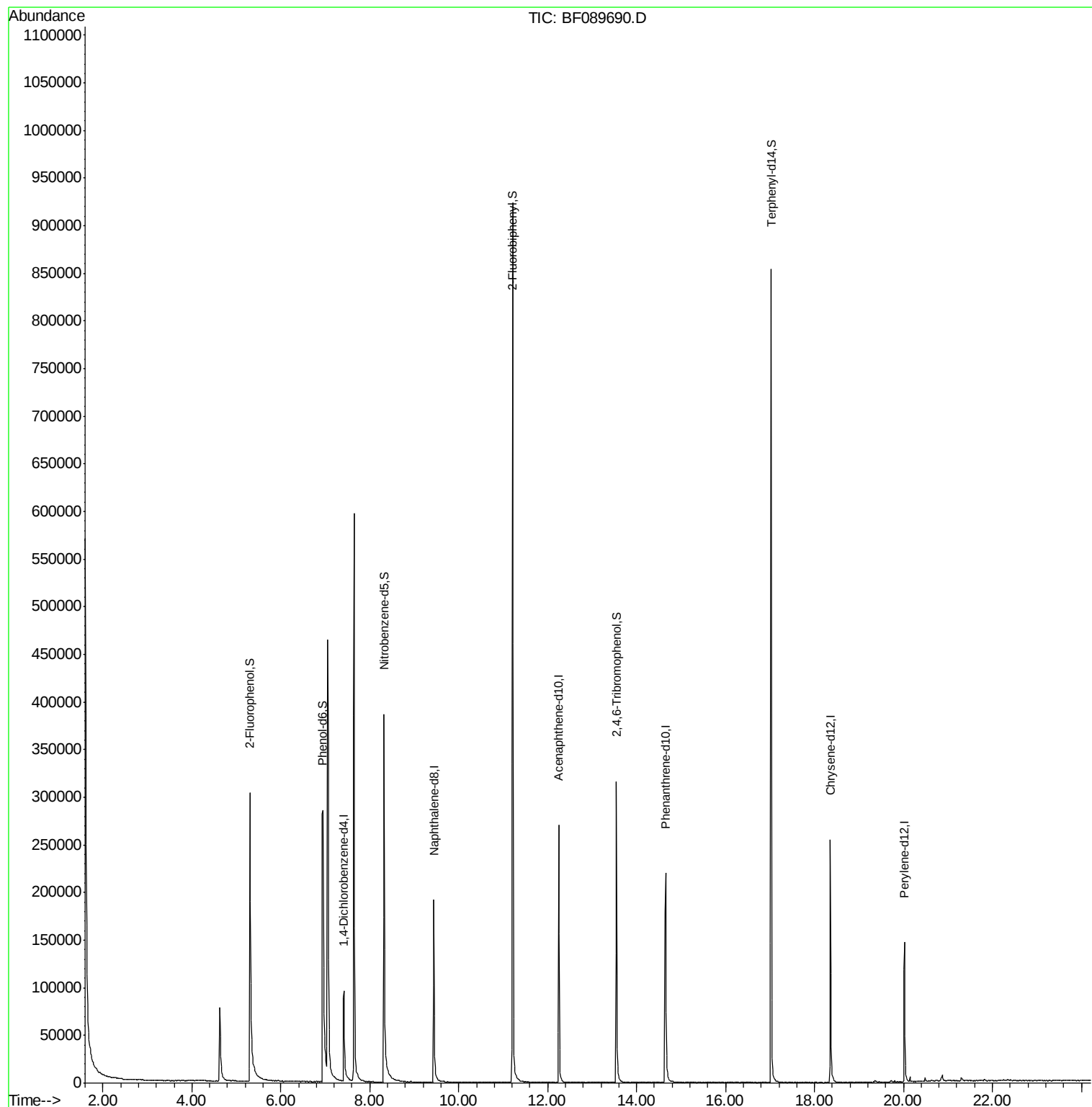
Target Compounds Qvalue

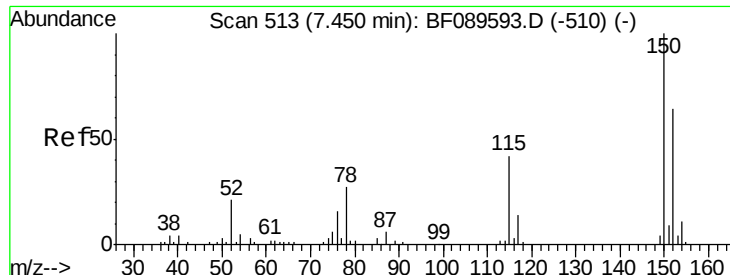
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.03 min

Lab File: BF089690.D

Acq: 9 Aug 2016 16:19

Instrument :

BNA_F

ClientSampleId :

PB92784BL

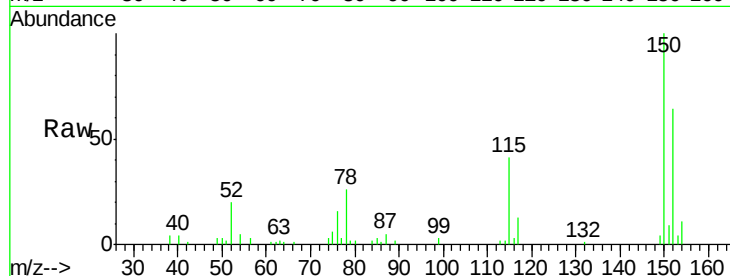
Tot Ion:152 Resp: 39133

Ion Ratio Lower Upper

152 100

150 155.2 125.5 188.3

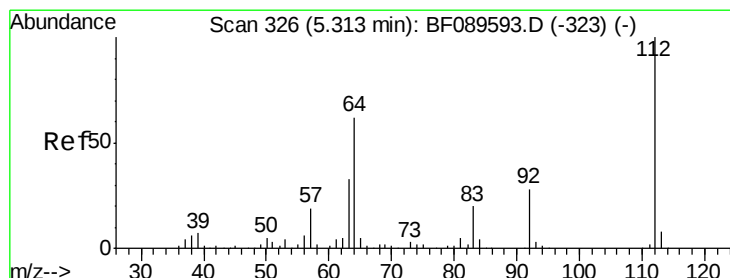
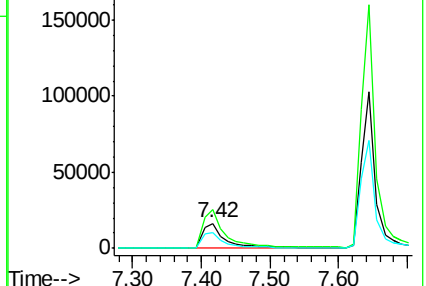
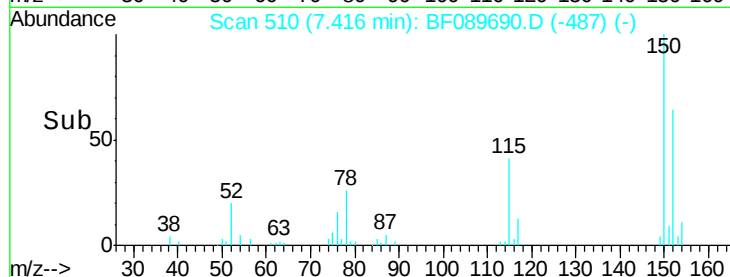
115 63.8 52.0 78.0



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: 80.32 ng

RT: 5.30 min Scan# 325

Delta R.T. -0.01 min

Lab File: BF089690.D

Acq: 9 Aug 2016 16:19

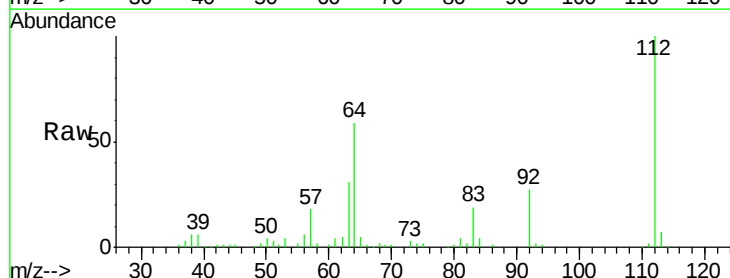
Tgt Ion:112 Resp: 187543

Ion Ratio Lower Upper

112 100

64 59.3 49.9 74.9

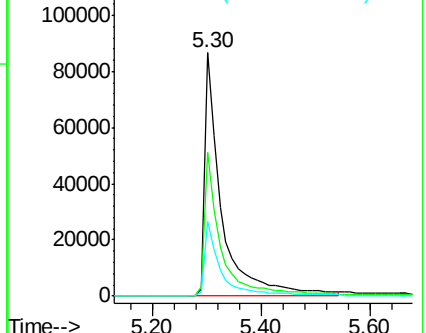
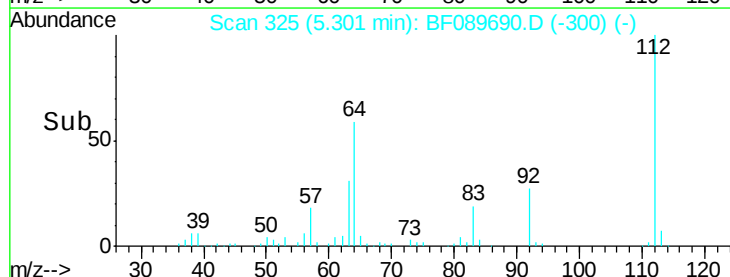
63 30.7 26.1 39.1

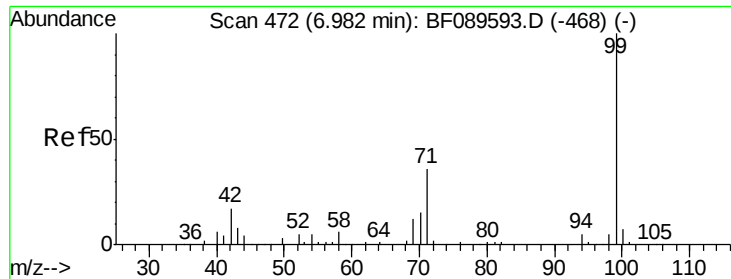


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 80.68 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.03 min

Lab File: BF089690.D

Acq: 9 Aug 2016 16:19

Instrument :

BNA_F

ClientSampled :

PB92784BL

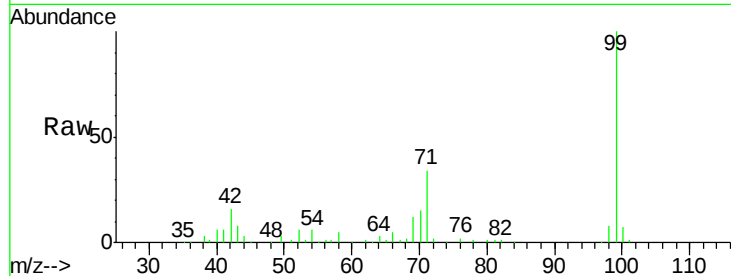
Tot Ion: 99 Resp: 255544

Ion Ratio Lower Upper

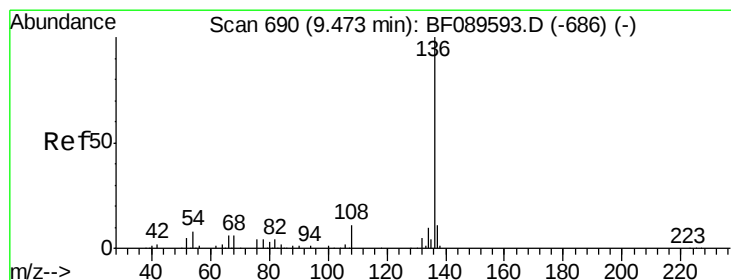
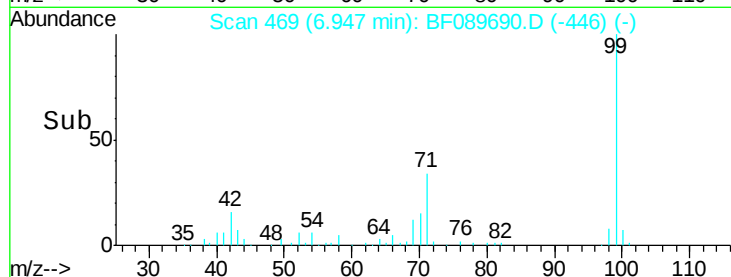
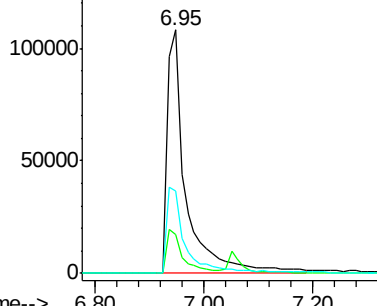
99 100

42 15.7 13.7 20.5

71 33.8 29.0 43.4



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: 9.44 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF089690.D

Acq: 9 Aug 2016 16:19

Tgt Ion: 136 Resp: 163354

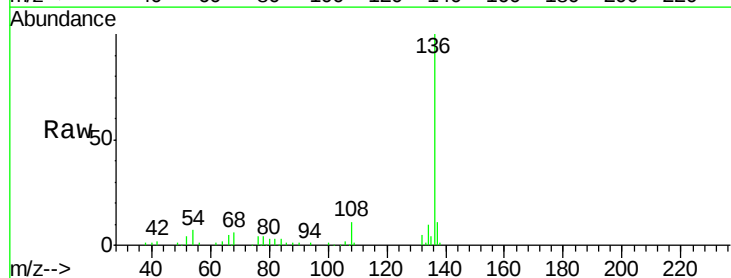
Ion Ratio Lower Upper

136 100

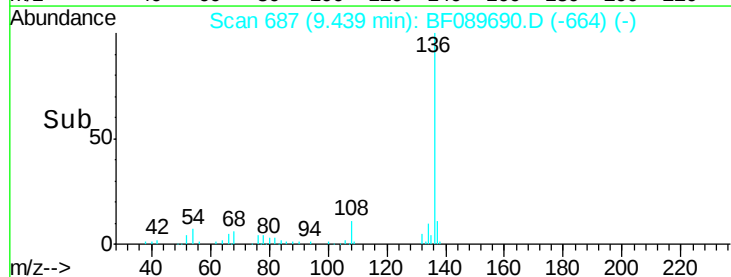
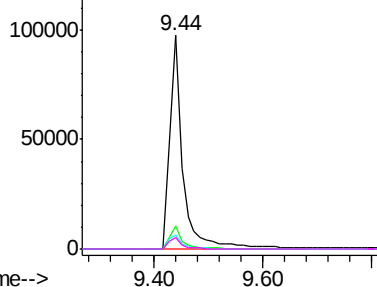
137 10.6 8.6 12.8

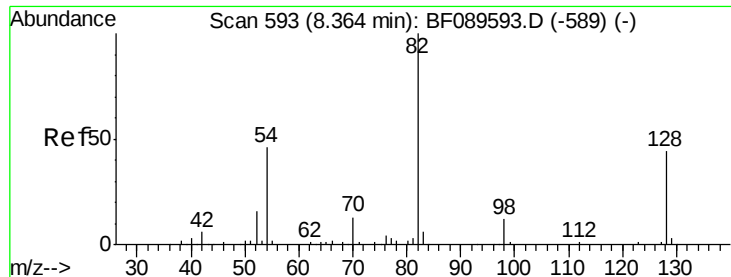
54 6.7 6.0 9.0

68 5.5 4.6 6.8



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

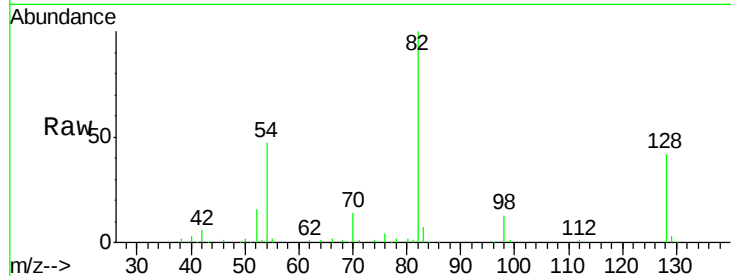




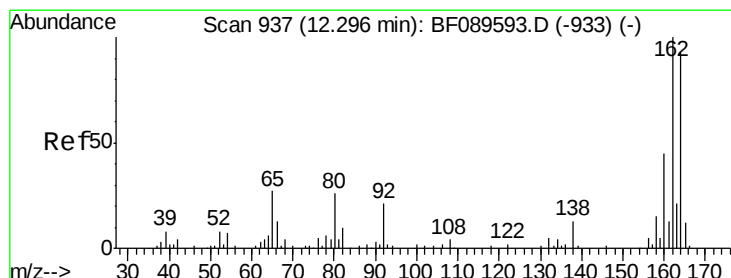
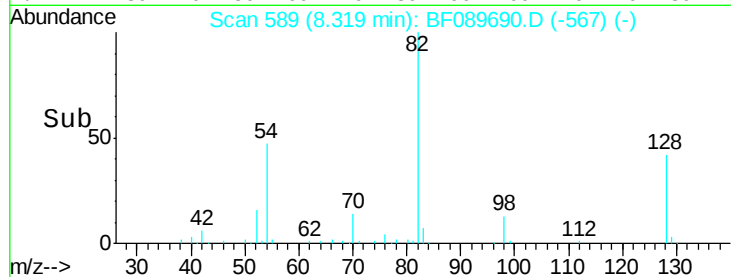
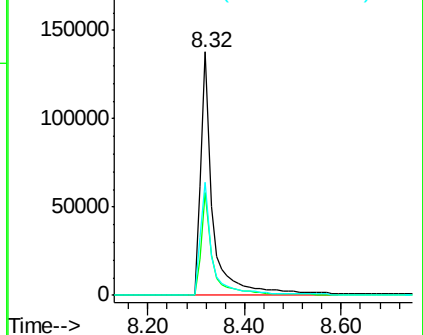
#23
 Nitrobenzene-d5
 Concen: 83.11 ng
 RT: 8.32 min Scan# 589
 Delta R.T. -0.05 min
 Lab File: BF089690.D
 Acq: 9 Aug 2016 16:19

Instrument :
 BNA_F
 ClientSampleId :
 PB92784BL

Tot Ion: 82 Resp: 245464
 Ion Ratio Lower Upper
 82 100
 128 42.2 35.4 53.0
 54 46.6 36.4 54.6

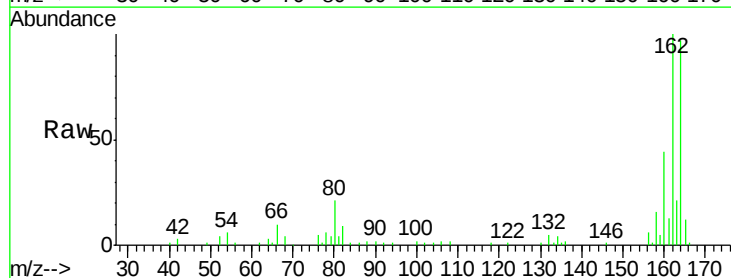


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

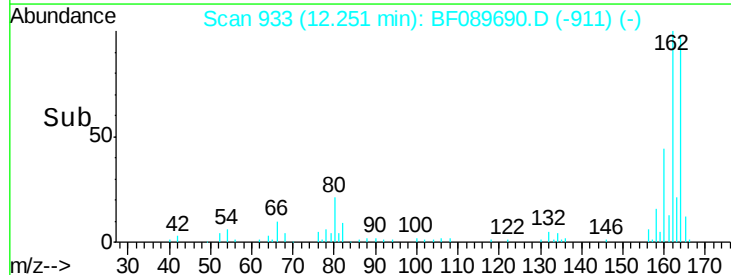
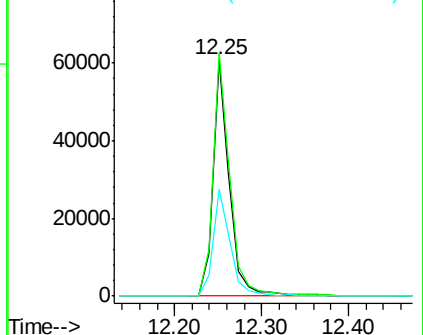


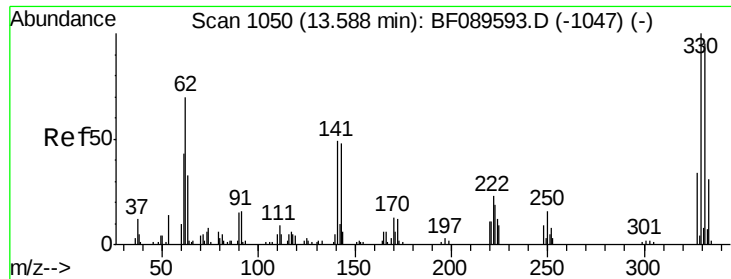
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.25 min Scan# 933
 Delta R.T. -0.05 min
 Lab File: BF089690.D
 Acq: 9 Aug 2016 16:19

Tgt Ion: 164 Resp: 80463
 Ion Ratio Lower Upper
 164 100
 162 103.1 85.7 128.5
 160 45.2 38.2 57.4



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

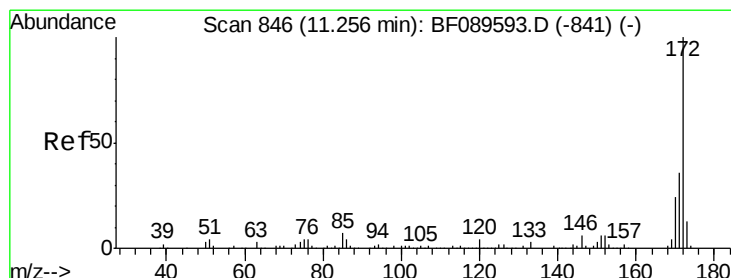
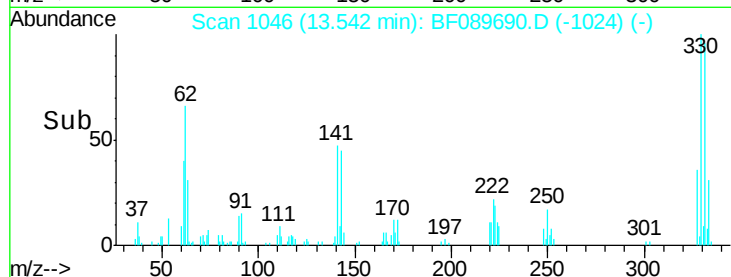
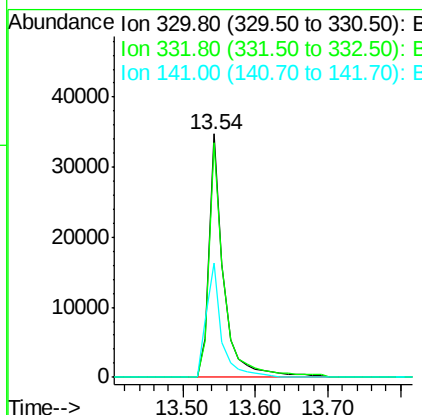
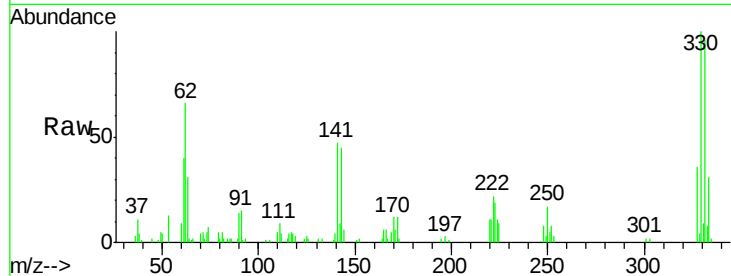




#41
 2,4,6-Tribromophenol
 Concen: 74.17 ng
 RT: 13.54 min Scan# 1046
 Delta R.T. -0.05 min
 Lab File: BF089690.D
 Acq: 9 Aug 2016 16:19

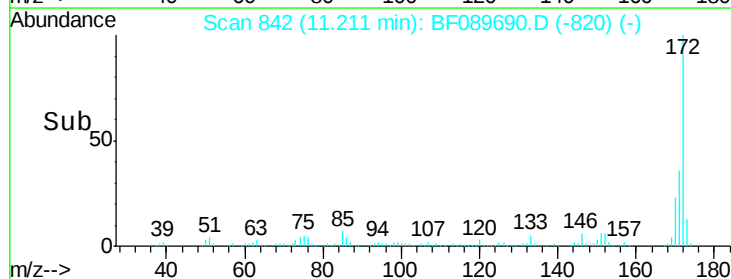
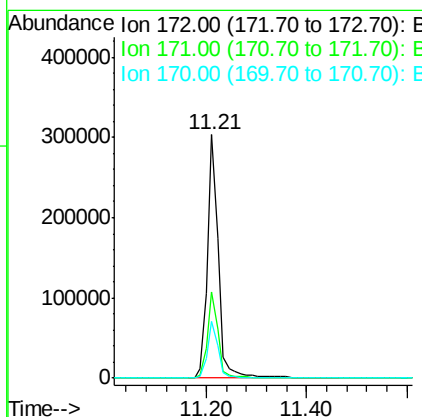
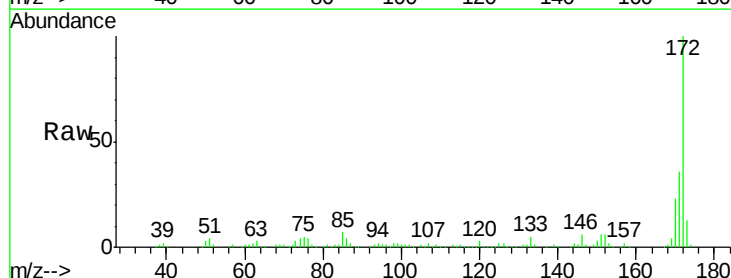
Instrument :
 BNA_F
 ClientSampleId :
 PB92784BL

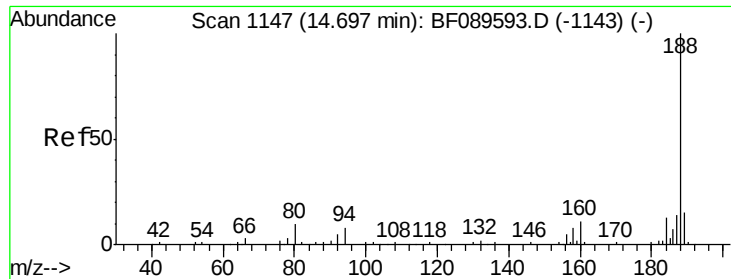
Tot Ion:330 Resp: 49247
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 48.3 38.6 57.8



#44
 2-Fluorobiphenyl
 Concen: 74.97 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.05 min
 Lab File: BF089690.D
 Acq: 9 Aug 2016 16:19

Tgt Ion:172 Resp: 464155
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 23.2 19.0 28.6

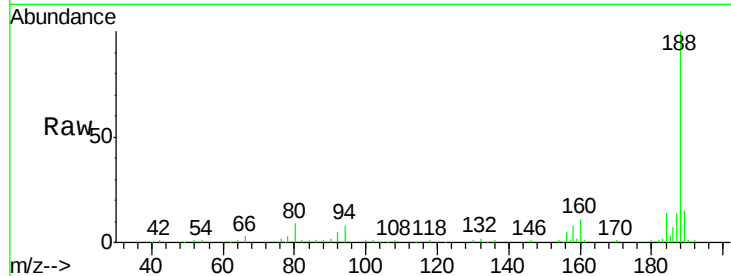




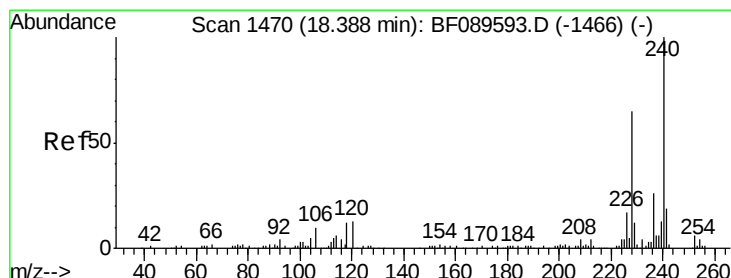
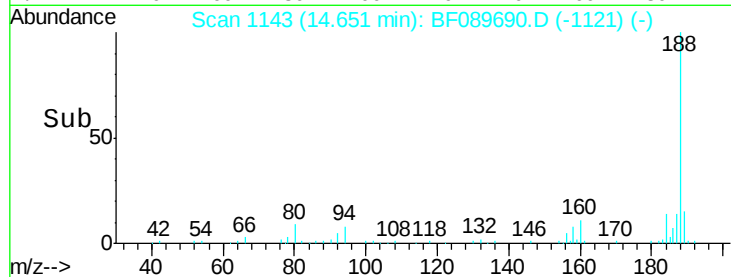
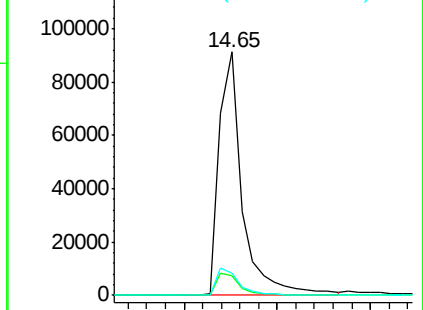
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1143
Delta R.T. -0.05 min
Lab File: BF089690.D
Acq: 9 Aug 2016 16:19

Instrument :
BNA_F
ClientSampleId :
PB92784BL

Tot Ion:188 Resp: 156967
Ion Ratio Lower Upper
188 100
94 8.1 6.5 9.7
80 9.3 8.0 12.0

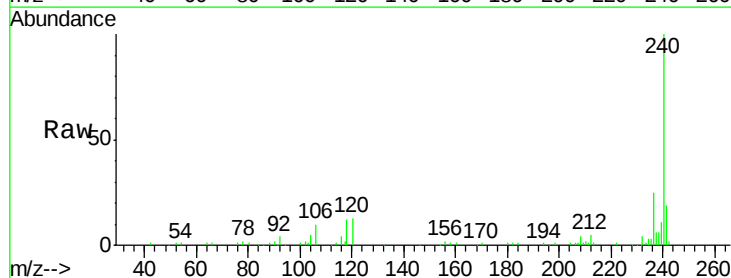


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

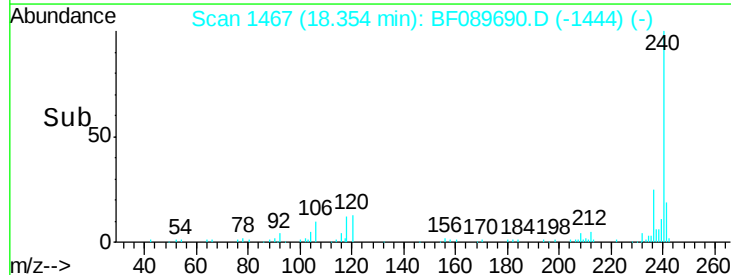
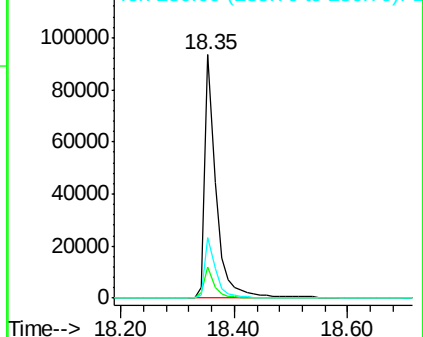


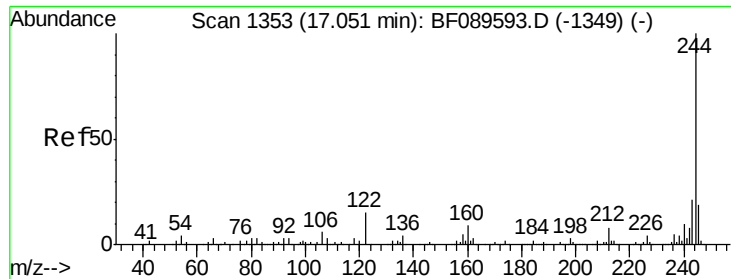
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.35 min Scan# 1467
Delta R.T. -0.03 min
Lab File: BF089690.D
Acq: 9 Aug 2016 16:19

Tgt Ion:240 Resp: 124568
Ion Ratio Lower Upper
240 100
120 12.8 10.6 15.8
236 24.6 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: 72.68 ng

RT: 17.03 min Scan# 1351

Delta R.T. -0.02 min

Lab File: BF089690.D

Acq: 9 Aug 2016 16:19

Instrument :

BNA_F

ClientSampleId :

PB92784BL

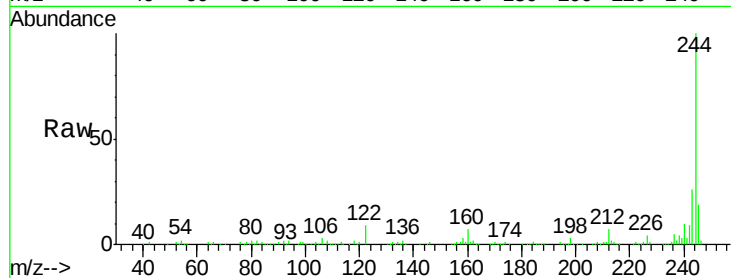
Tot Ion:244 Resp: 458623

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

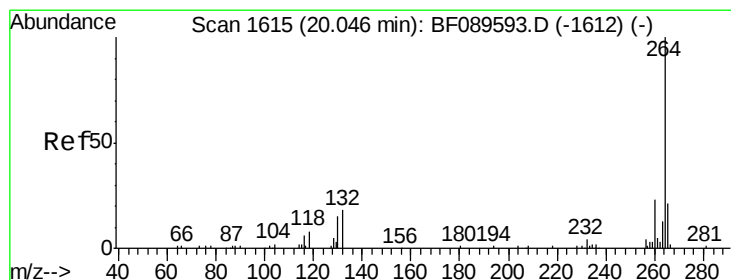
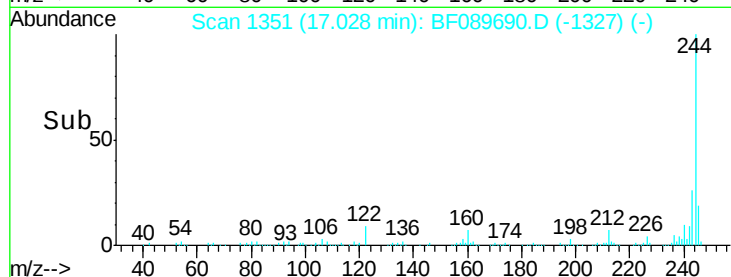
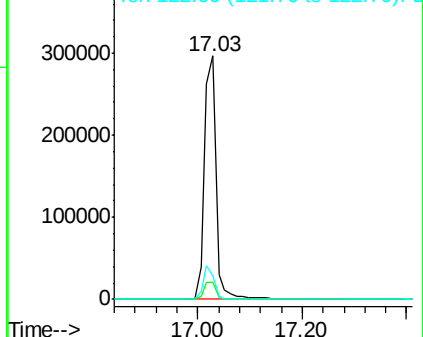
122 9.4 12.2 18.2#



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: 20.02 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF089690.D

Acq: 9 Aug 2016 16:19

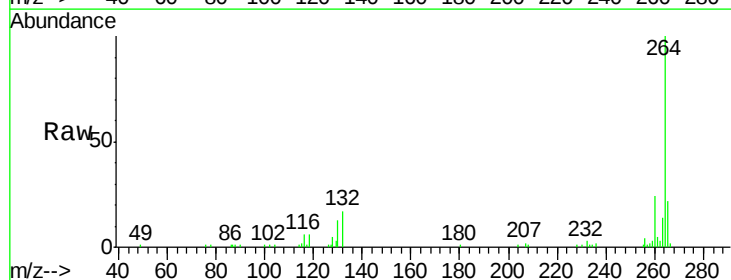
Tgt Ion:264 Resp: 92121

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.7 16.5 24.7



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

