

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080216\
 Data File : BF089552.D
 Acq On : 2 Aug 2016 17:41
 Operator : UM/SJ
 Sample : H4269-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-53-16.0-17.0

Quant Time: Aug 03 01:48:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 03 01:32:56 2016
 Response via : Initial Calibration

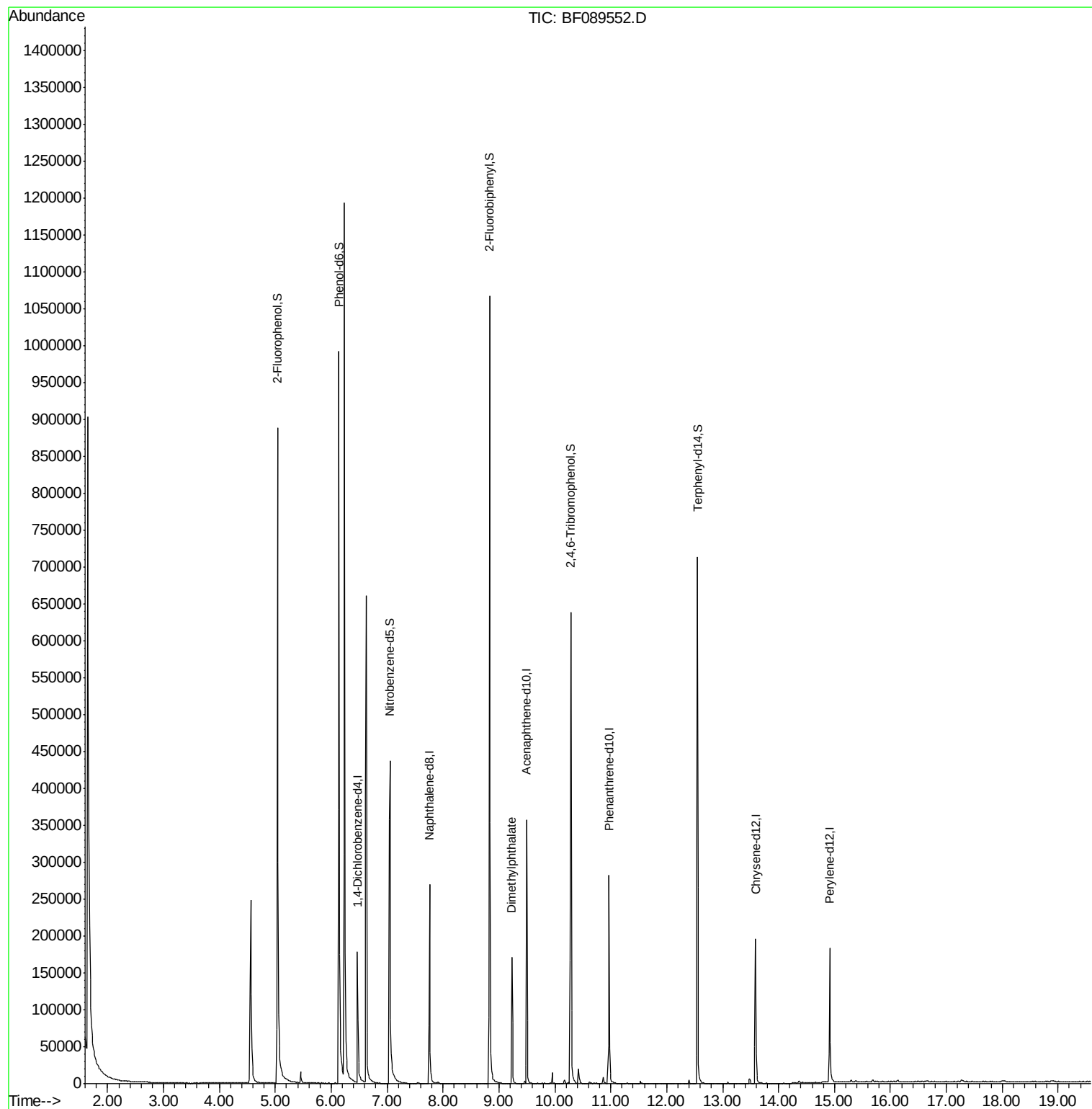
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	40220	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	158323	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	71972	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	122980	20.00	ng	0.00
75) Chrysene-d12	13.59	240	81855	20.00	ng	-0.01
86) Perylene-d12	14.91	264	77001	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	313947	124.64	ng	0.01
7) Phenol-d6	6.14	99	452404	135.90	ng	0.00
23) Nitrobenzene-d5	7.05	82	262606	97.90	ng	0.00
41) 2,4,6-Tribromophenol	10.28	330	70325	117.98	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	382727	78.04	ng	-0.01
78) Terphenyl-d14	12.55	244	242220	69.26	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.23	163	85865	15.68	ng	98

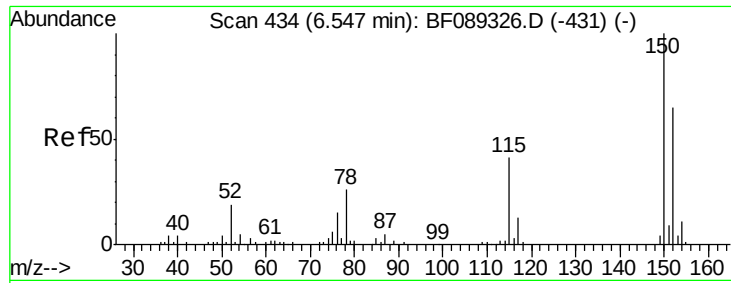
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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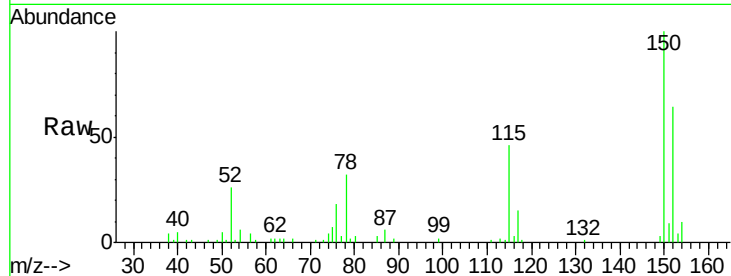


#1

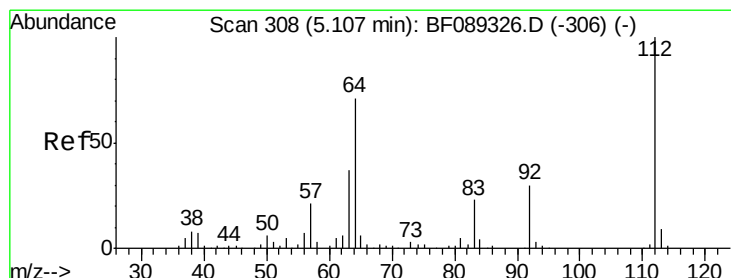
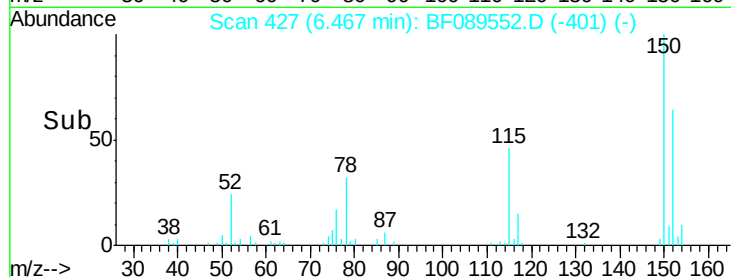
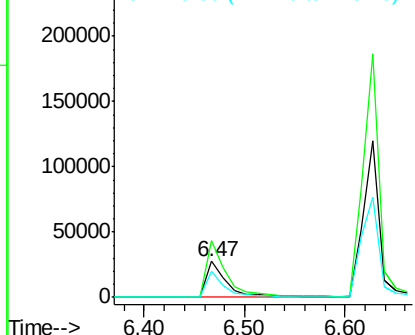
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.47 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF089552.D
Acq: 2 Aug 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SB-53-16.0-17.0

Tot Ion:152 Resp: 40220
Ion Ratio Lower Upper
152 100
150 156.8 129.5 194.3
115 72.1 51.4 77.2



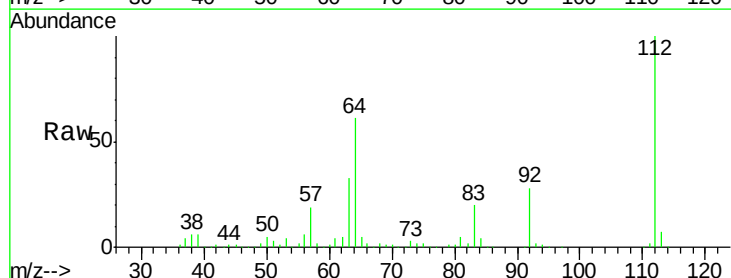
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



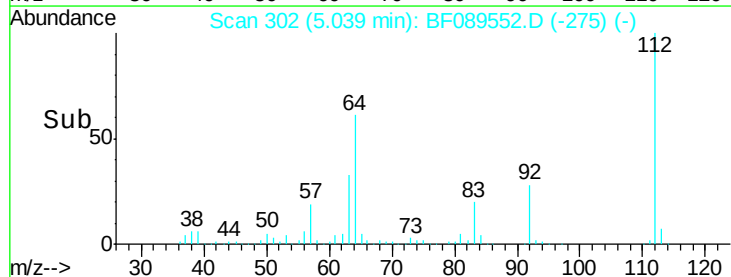
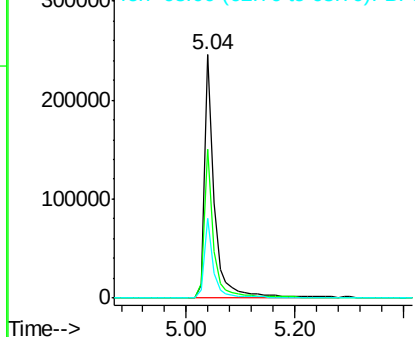
#5

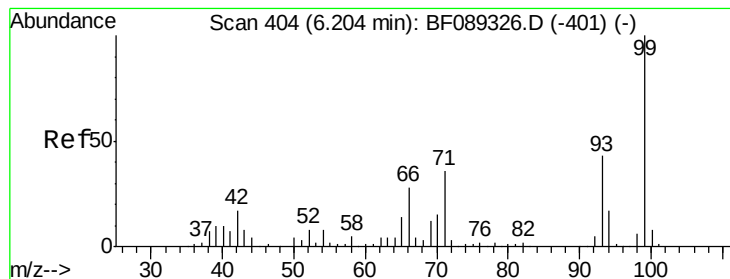
2-Fluorophenol
Concen: 124.64 ng
RT: 5.04 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF089552.D
Acq: 2 Aug 2016 17:41

Tgt Ion:112 Resp: 313947
Ion Ratio Lower Upper
112 100
64 61.0 55.0 82.6
63 32.8 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: 135.90 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF089552.D

Acq: 2 Aug 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-53-16.0-17.0

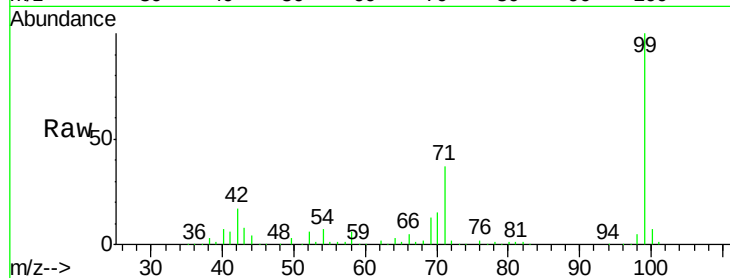
Tot Ion: 99 Resp: 452404

Ion Ratio Lower Upper

99 100

42 17.2 13.6 20.4

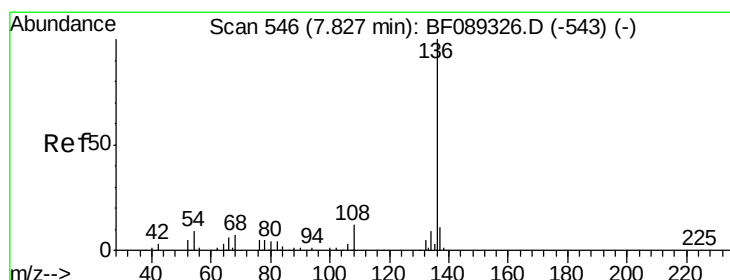
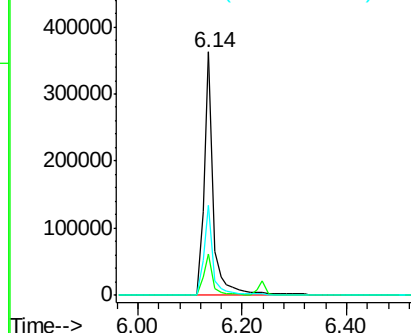
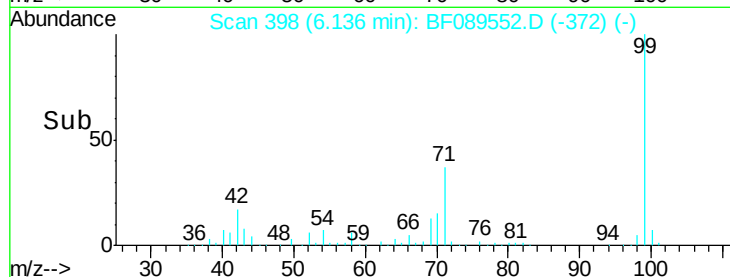
71 37.0 29.4 44.2



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: 7.76 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF089552.D

Acq: 2 Aug 2016 17:41

Tgt Ion: 136 Resp: 158323

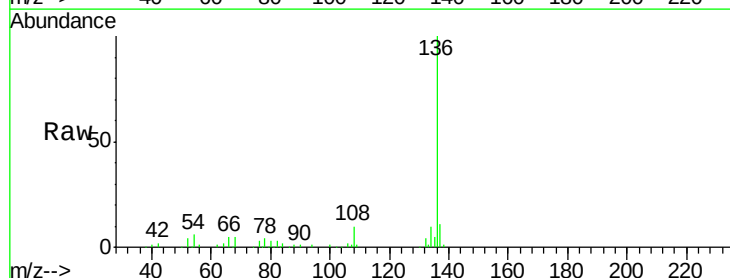
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 6.1 7.0 10.4

68 5.1 4.9 7.3

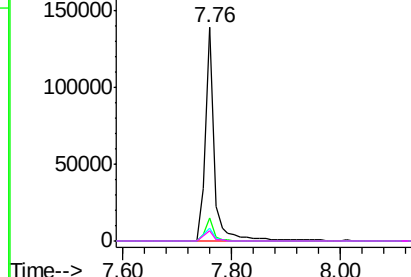
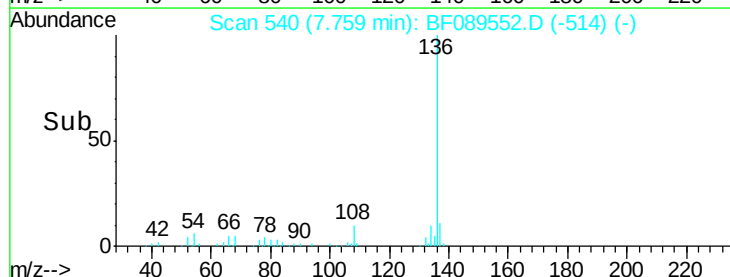


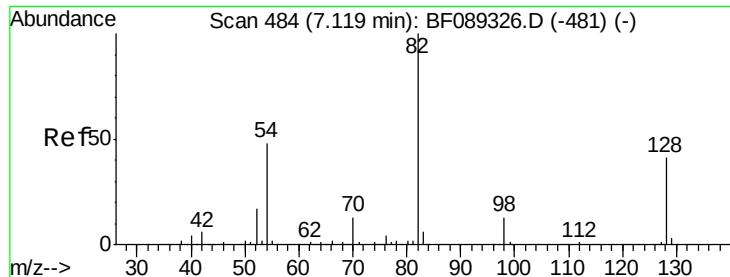
Abundance Ion 136.00 (135.70 to 136.70): E

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

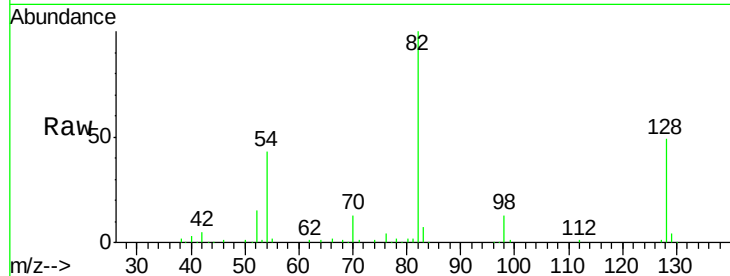




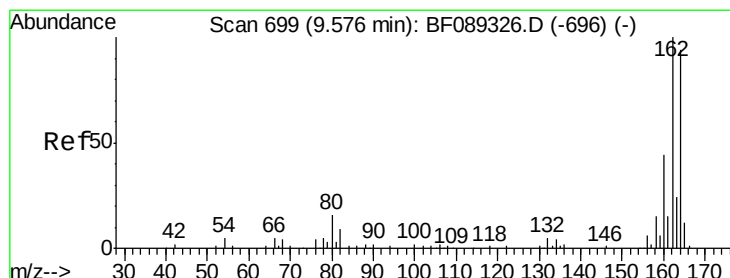
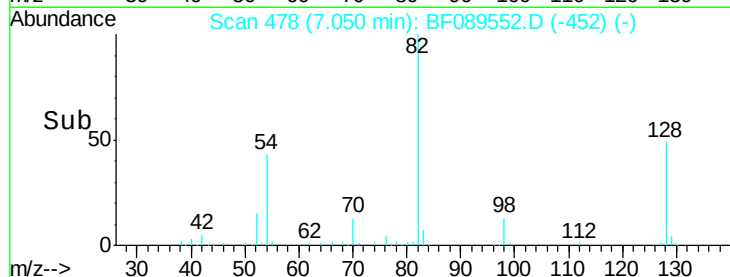
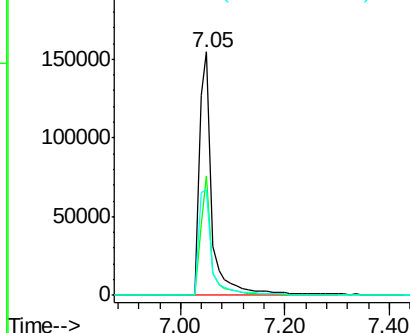
#23
 Nitrobenzene-d5
 Concen: 97.90 ng
 RT: 7.05 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: BF089552.D
 Acq: 2 Aug 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-53-16.0-17.0

Tot Ion: 82 Resp: 262606
 Ion Ratio Lower Upper
 82 100
 128 49.2 32.5 48.7#
 54 43.2 38.8 58.2

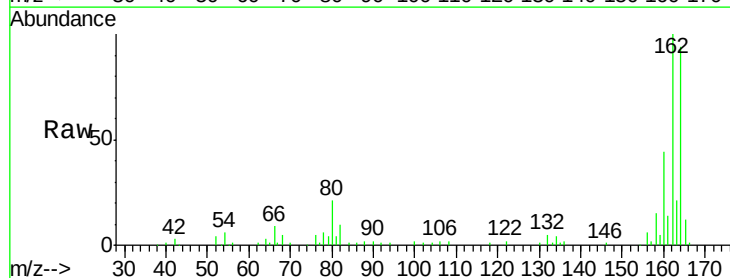


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

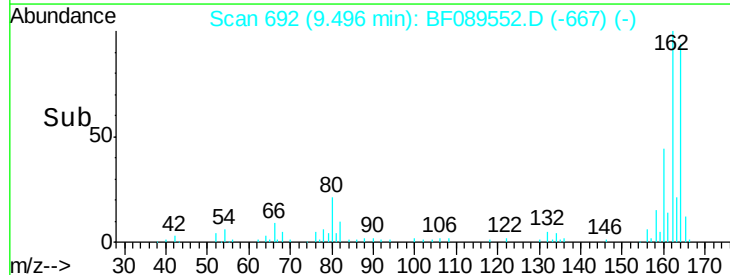
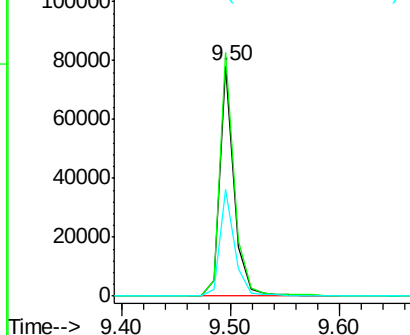


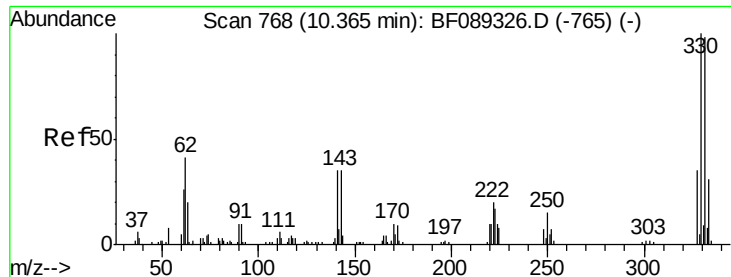
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF089552.D
 Acq: 2 Aug 2016 17:41

Tgt Ion:164 Resp: 71972
 Ion Ratio Lower Upper
 164 100
 162 105.9 83.7 125.5
 160 46.5 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

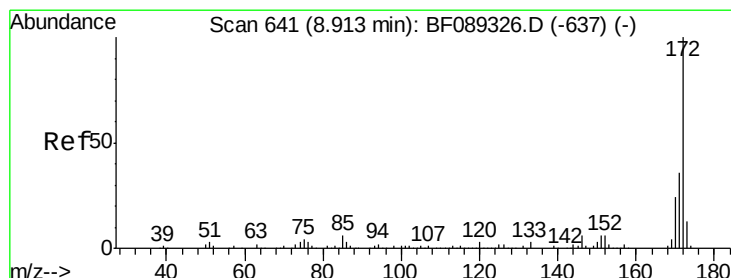
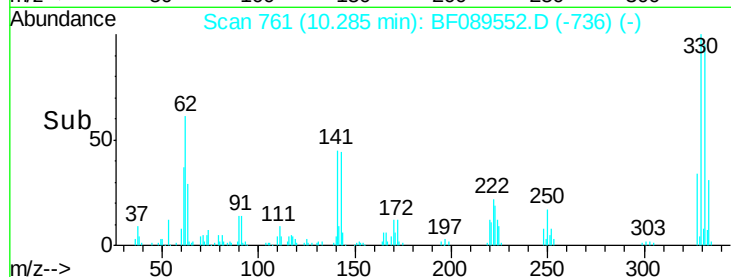
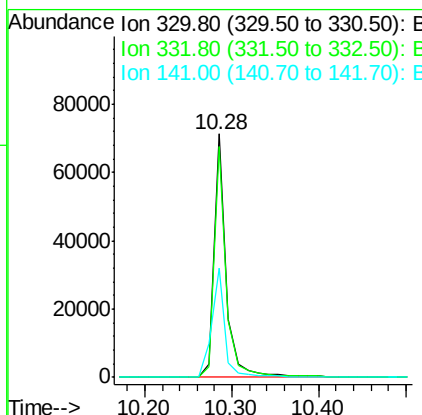
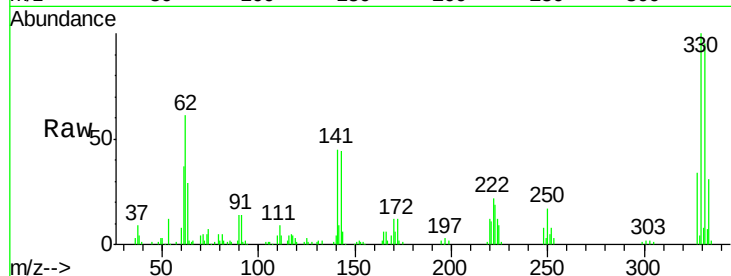




#41
 2,4,6-Tribromophenol
 Concen: 117.98 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF089552.D
 Acq: 2 Aug 2016 17:41

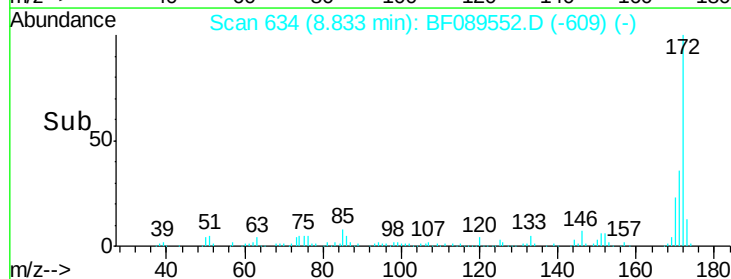
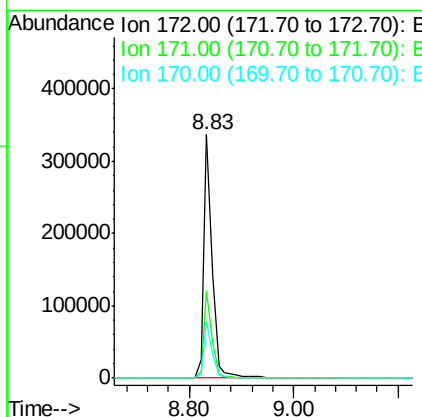
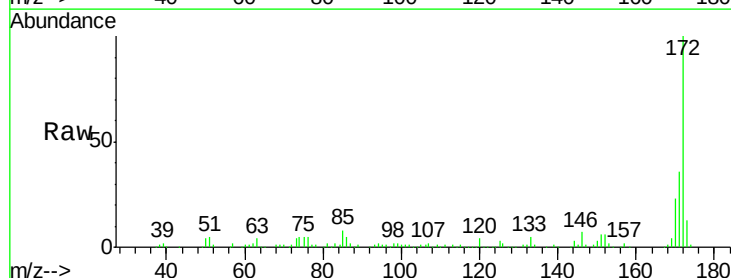
Instrument :
 BNA_F
 ClientSampleId :
 SB-53-16.0-17.0

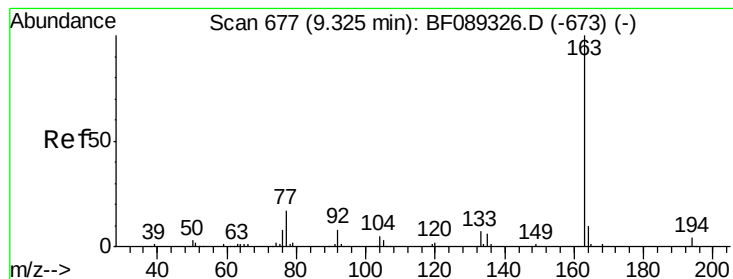
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.8	115.2
141	48.5	37.3	55.9



#44
 2-Fluorobiphenyl
 Concen: 78.04 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF089552.D
 Acq: 2 Aug 2016 17:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	23.4	19.2	28.8





#49

Dimethylphthalate

Concen: 15.68 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF089552.D

Acq: 2 Aug 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-53-16.0-17.0

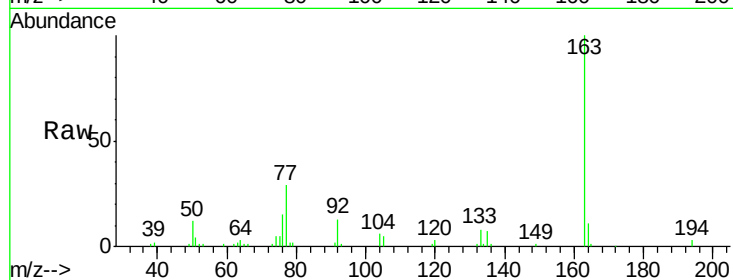
Tot Ion:163 Resp: 85865

Ion Ratio Lower Upper

163 100

194 2.8 2.8 4.2

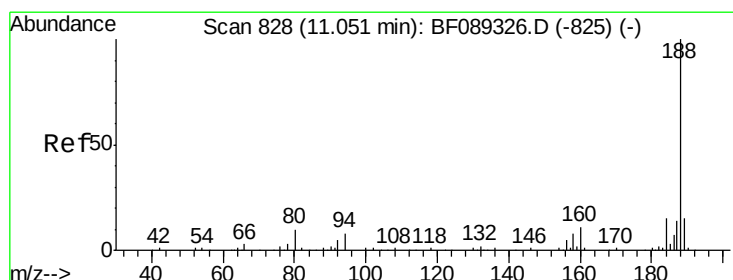
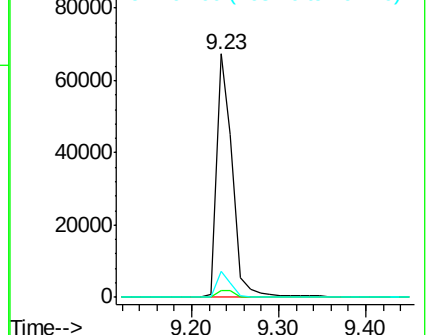
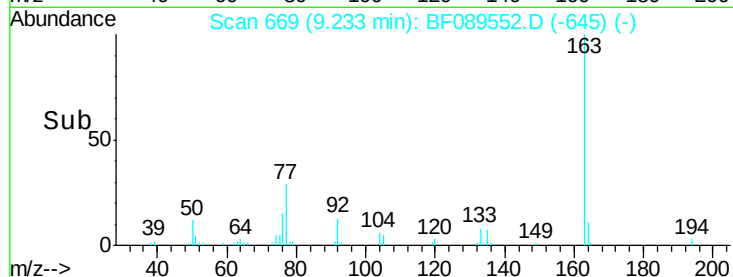
164 10.6 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.97 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF089552.D

Acq: 2 Aug 2016 17:41

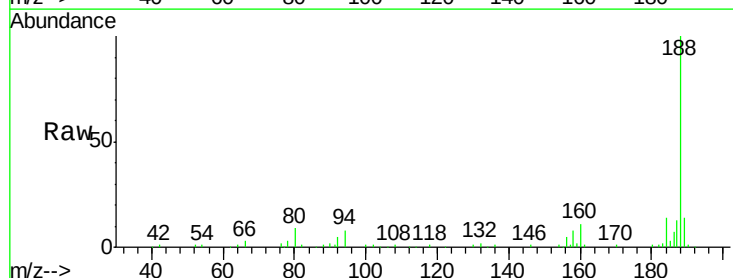
Tgt Ion:188 Resp: 122980

Ion Ratio Lower Upper

188 100

94 8.2 6.5 9.7

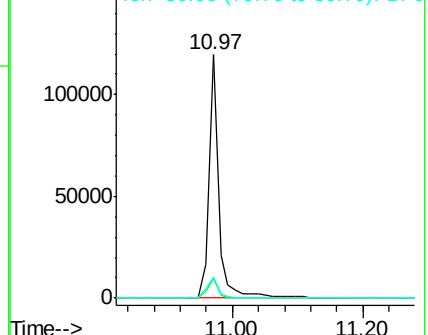
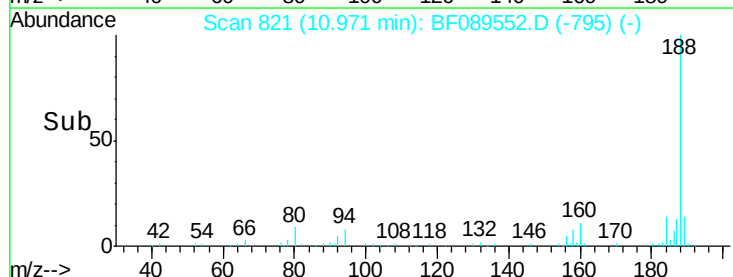
80 8.8 7.2 10.8

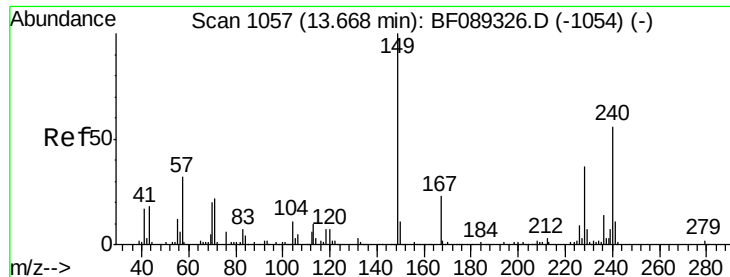


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.59 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF089552.D

Acq: 2 Aug 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SB-53-16.0-17.0

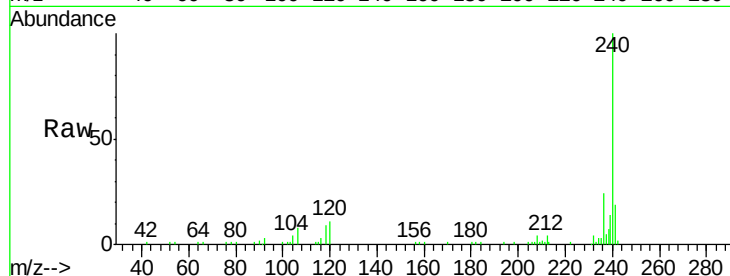
Tot Ion:240 Resp: 81855

Ion Ratio Lower Upper

240 100

120 10.7 9.1 13.7

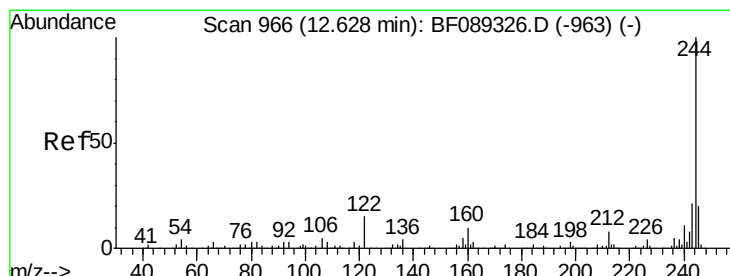
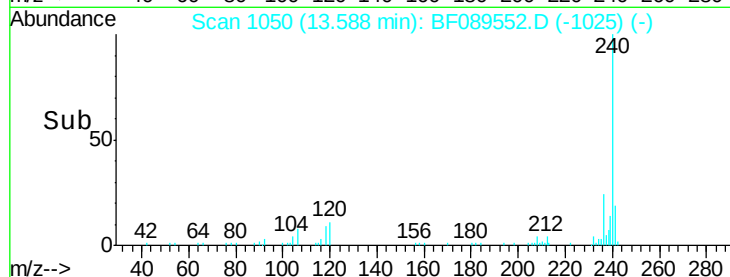
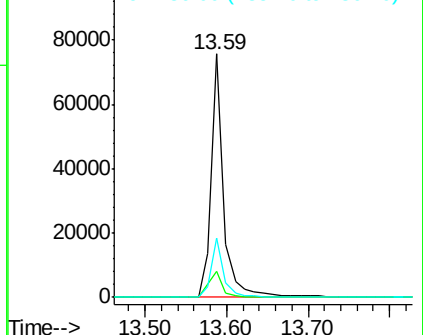
236 24.5 20.6 30.8



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: 69.26 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF089552.D

Acq: 2 Aug 2016 17:41

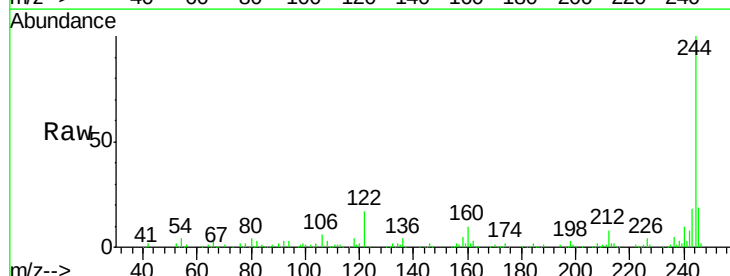
Tgt Ion:244 Resp: 242220

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

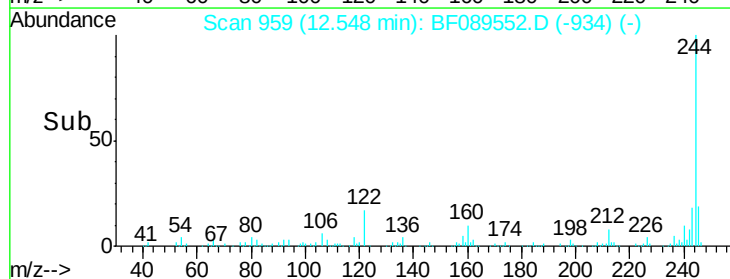
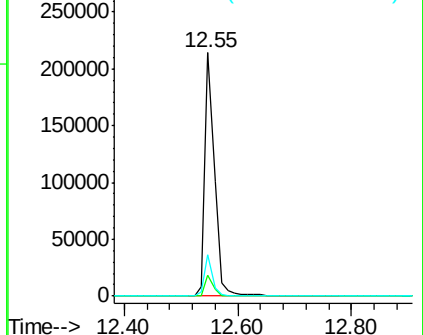
122 16.8 11.4 17.0

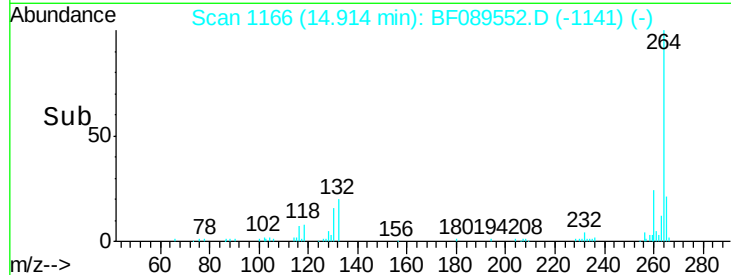
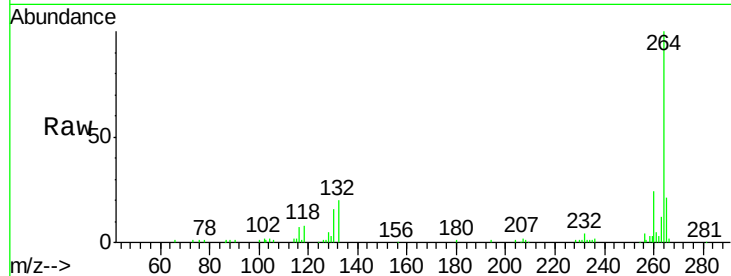
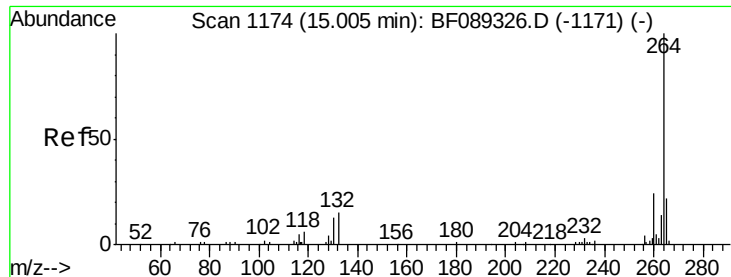


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF089552.D
 Acq: 2 Aug 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-53-16.0-17.0

Tot Ion:	264	Resp:	77001
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	21.2	17.5	26.3

