

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080216\
 Data File : BF089554.D
 Acq On : 2 Aug 2016 18:41
 Operator : UM/SJ
 Sample : H4269-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-54-16.0-17.0

Quant Time: Aug 03 01:50:43 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

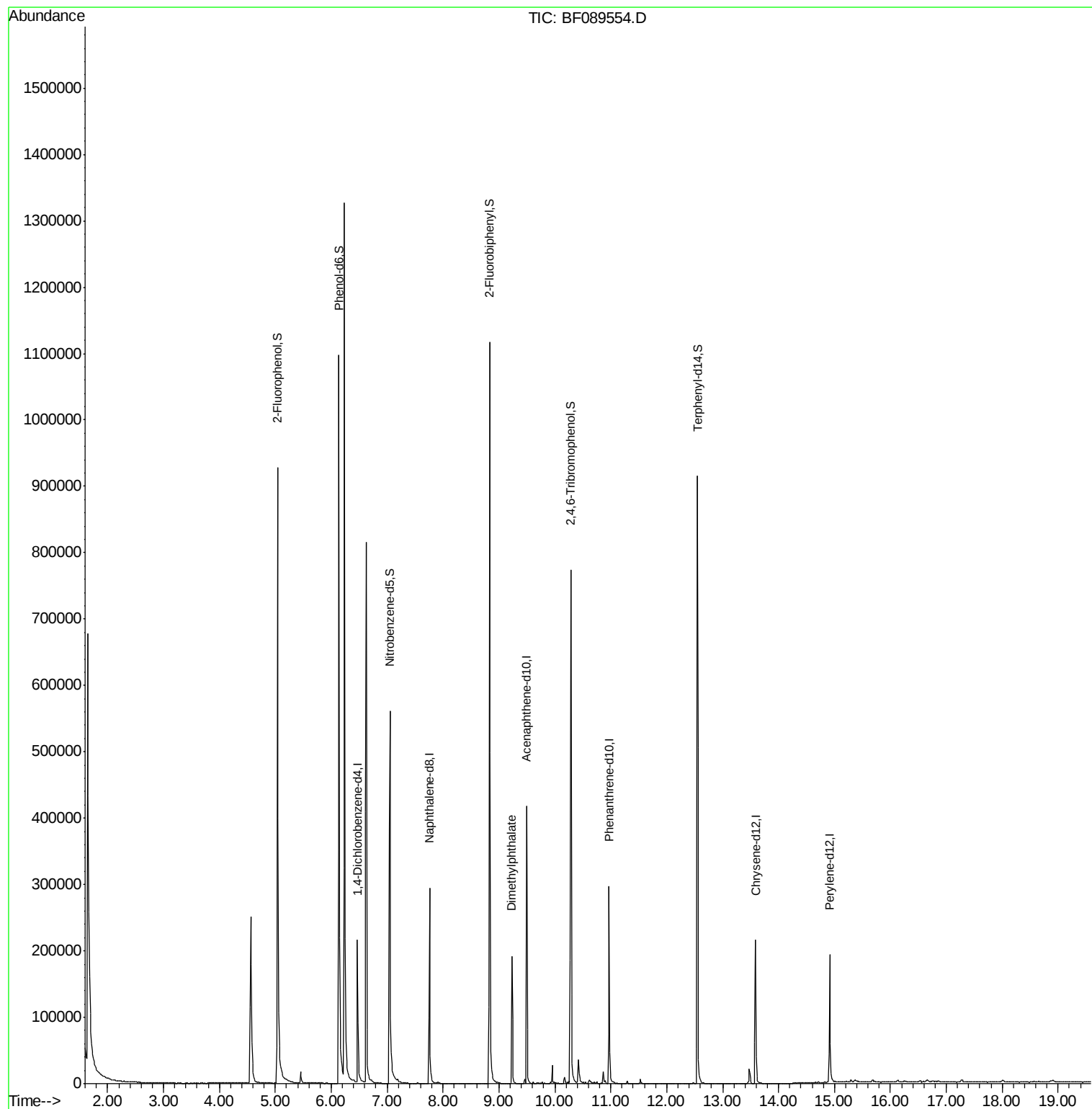
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	44225	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	175571	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	81404	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	134673	20.00	ng	0.00
75) Chrysene-d12	13.59	240	87994	20.00	ng	-0.01
86) Perylene-d12	14.91	264	82509	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	344425	124.35	ng	0.01
7) Phenol-d6	6.14	99	486114	132.81	ng	0.00
23) Nitrobenzene-d5	7.05	82	305109	102.58	ng	0.00
41) 2,4,6-Tribromophenol	10.28	330	80761	119.79	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	442170	79.72	ng	-0.01
78) Terphenyl-d14	12.55	244	351080	93.38	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.23	163	96685	15.61	ng	# 98

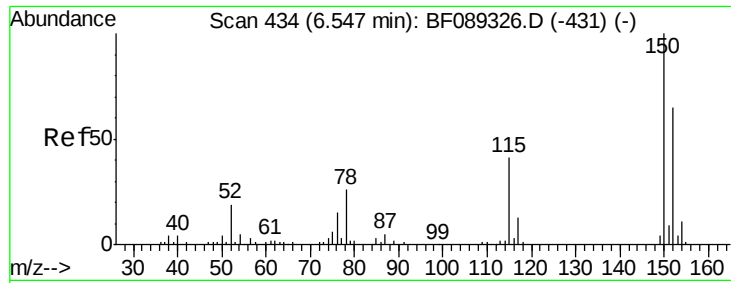
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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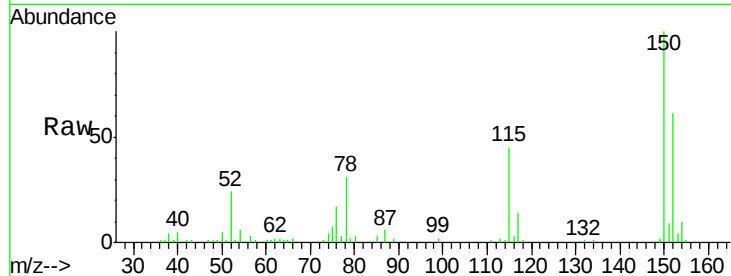


#1

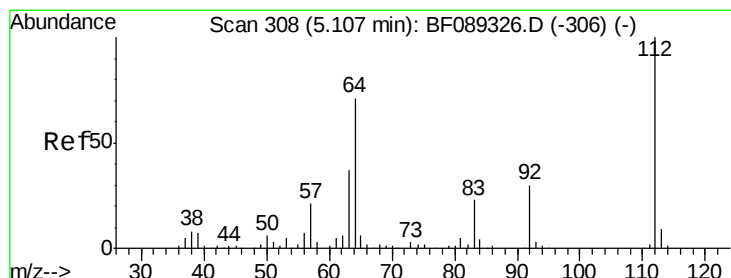
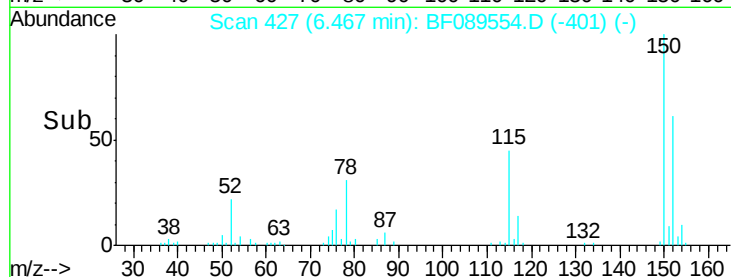
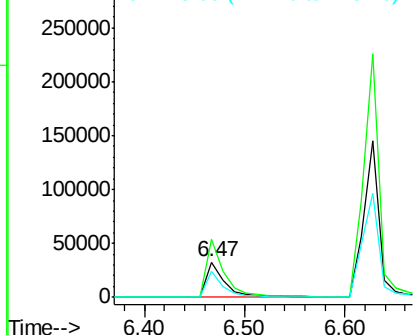
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.47 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF089554.D
Acq: 2 Aug 2016 18:41

Instrument :
BNA_F
ClientSampleId :
SB-54-16.0-17.0

Tot Ion:152 Resp: 44225
Ion Ratio Lower Upper
152 100
150 163.2 129.5 194.3
115 73.9 51.4 77.2



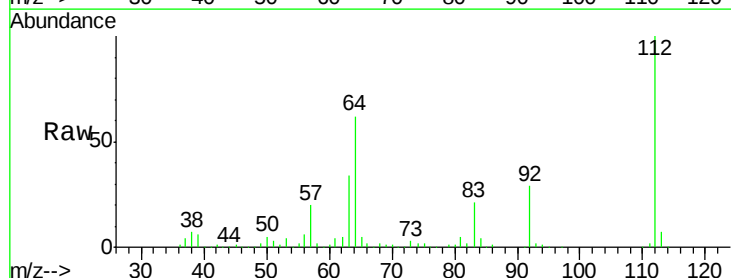
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



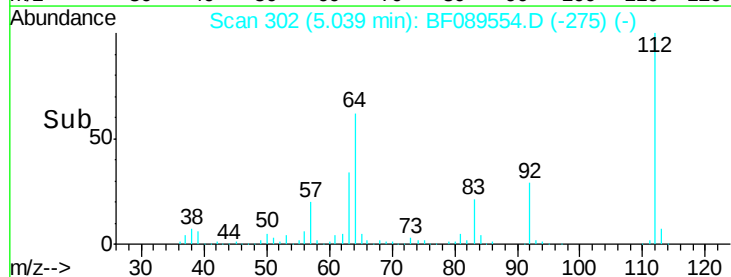
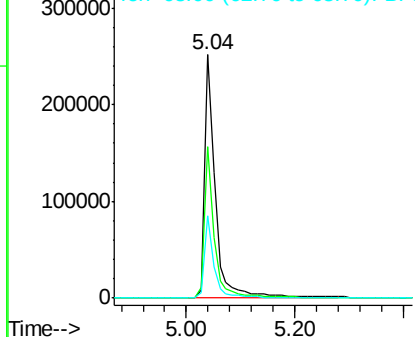
#5

2-Fluorophenol
Concen: 124.35 ng
RT: 5.04 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF089554.D
Acq: 2 Aug 2016 18:41

Tgt Ion:112 Resp: 344425
Ion Ratio Lower Upper
112 100
64 62.4 55.0 82.6
63 33.7 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: 132.81 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF089554.D

Acq: 2 Aug 2016 18:41

Instrument :

BNA_F

ClientSampleId :

SB-54-16.0-17.0

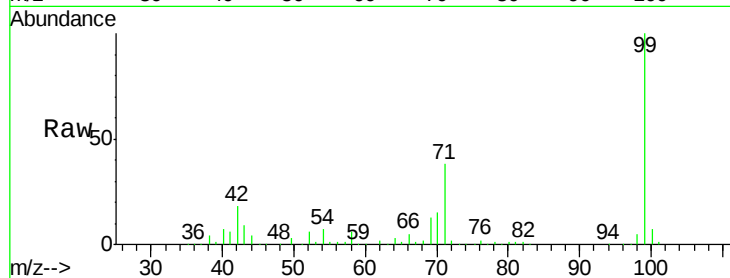
Tot Ion: 99 Resp: 486114

Ion Ratio Lower Upper

99 100

42 18.2 13.6 20.4

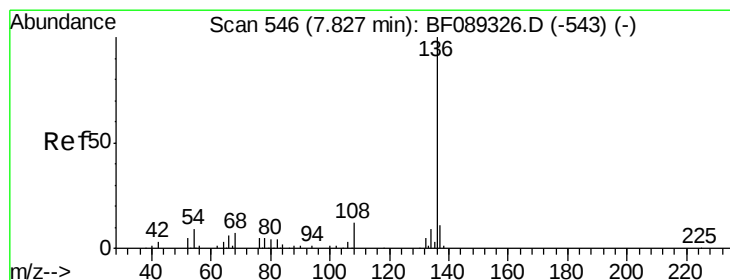
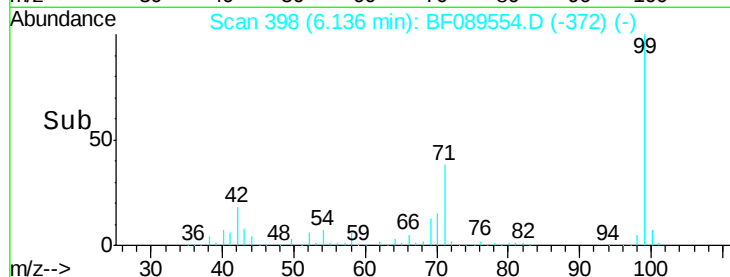
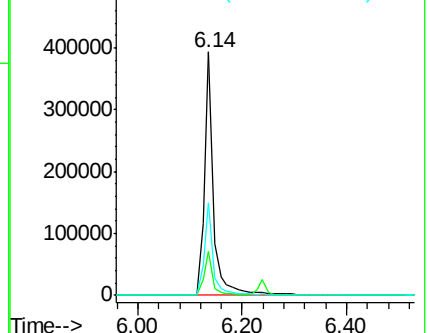
71 37.9 29.4 44.2



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: BF089554.D

Acq: 2 Aug 2016 18:41

Tgt Ion: 136 Resp: 175571

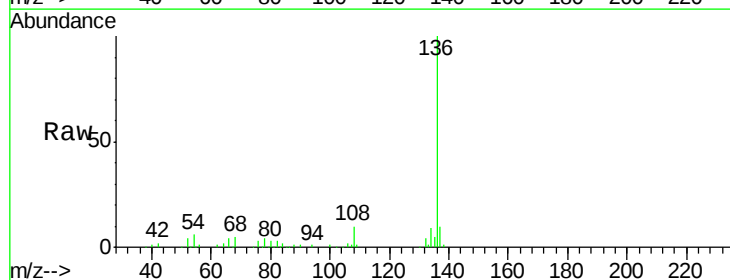
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 6.1 7.0 10.4#

68 4.8 4.9 7.3#

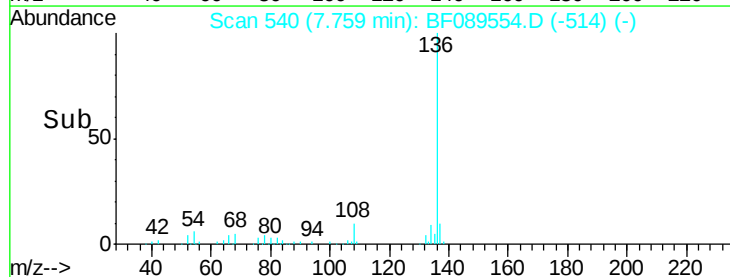
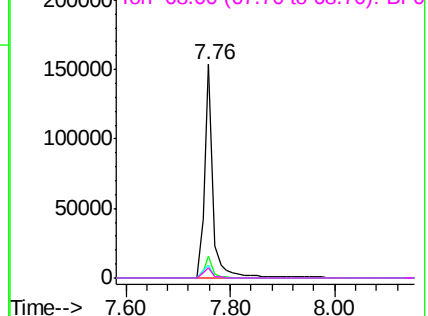


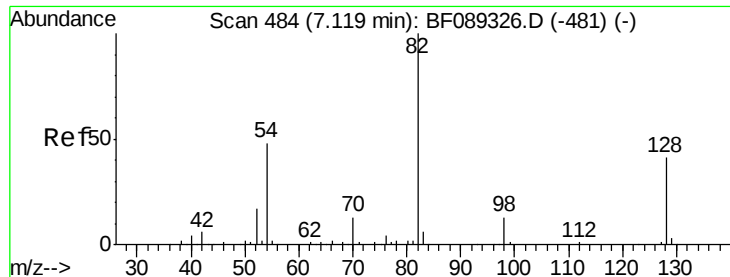
Abundance Ion 136.00 (135.70 to 136.70): E

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

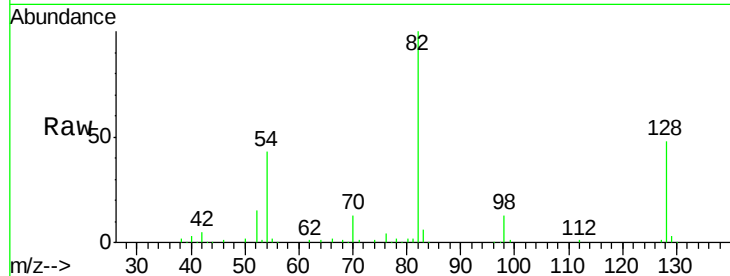




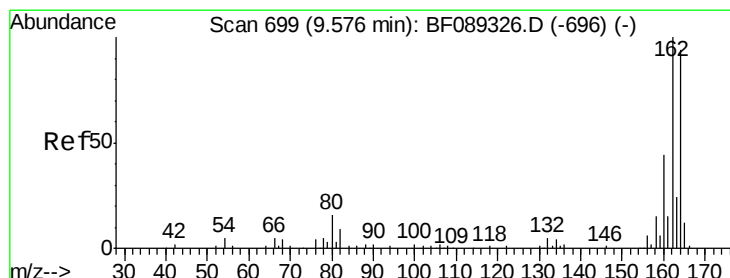
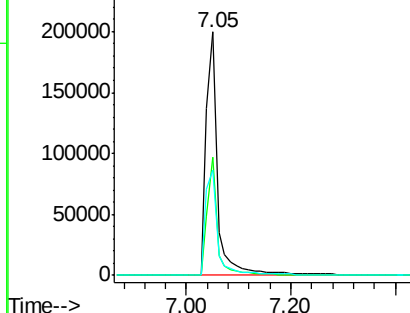
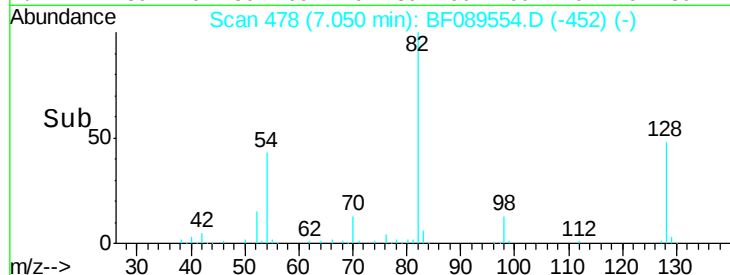
#23
 Nitrobenzene-d5
 Concen: 102.58 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF089554.D
 Acq: 2 Aug 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-54-16.0-17.0

Tot Ion: 82 Resp: 305109
 Ion Ratio Lower Upper
 82 100
 128 48.4 32.5 48.7
 54 43.1 38.8 58.2

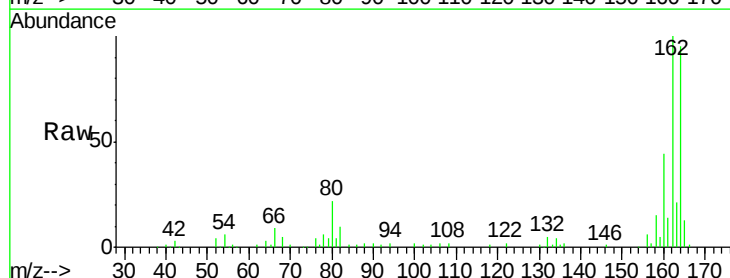


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

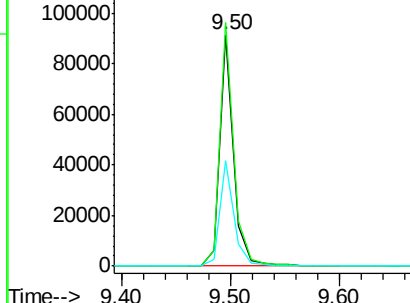
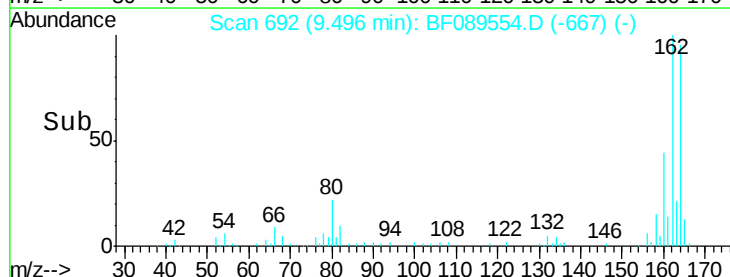


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF089554.D
 Acq: 2 Aug 2016 18:41

Tgt Ion:164 Resp: 81404
 Ion Ratio Lower Upper
 164 100
 162 105.3 83.7 125.5
 160 45.8 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

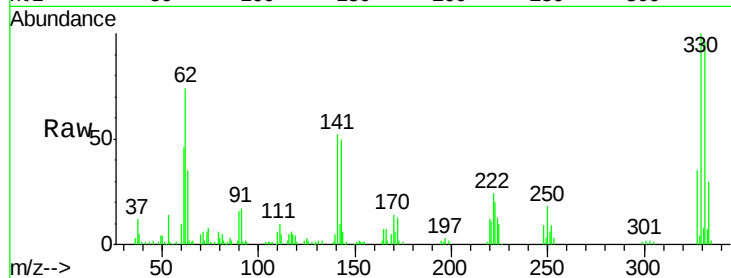




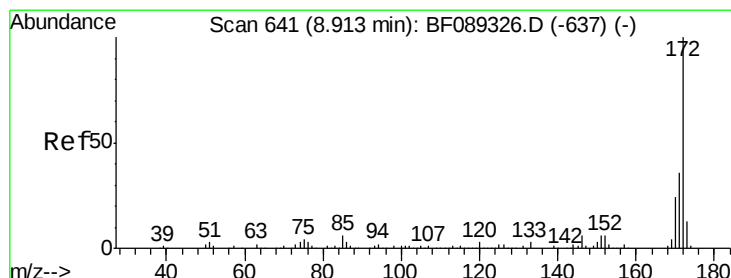
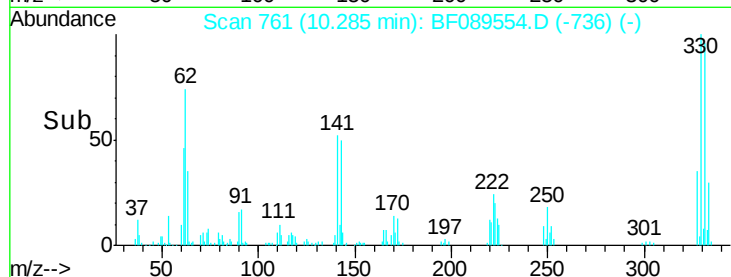
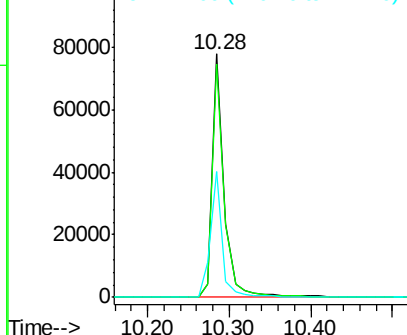
#41
 2,4,6-Tribromophenol
 Concen: 119.79 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF089554.D
 Acq: 2 Aug 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-54-16.0-17.0

Tot Ion:330 Resp: 80761
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.8 115.2
 141 51.4 37.3 55.9

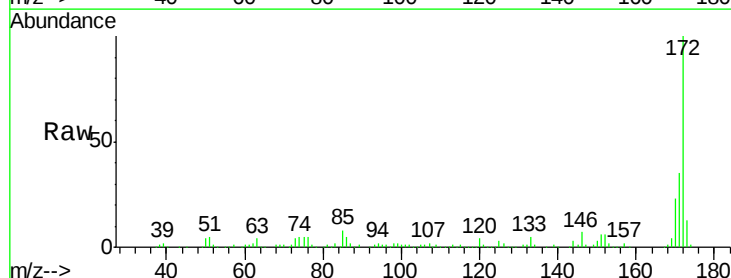


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

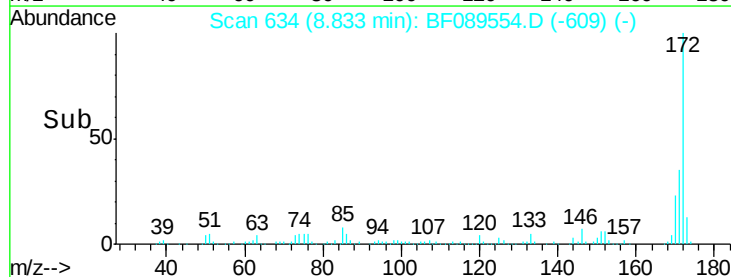
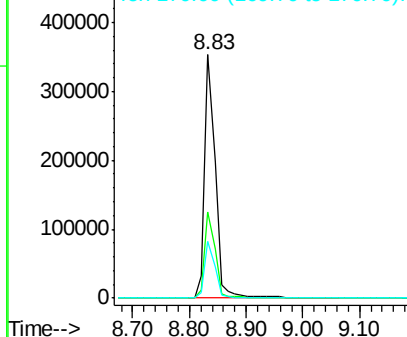


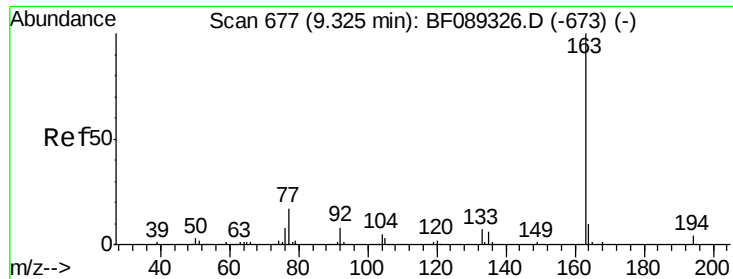
#44
 2-Fluorobiphenyl
 Concen: 79.72 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF089554.D
 Acq: 2 Aug 2016 18:41

Tgt Ion:172 Resp: 442170
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.2 43.8
 170 23.1 19.2 28.8



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

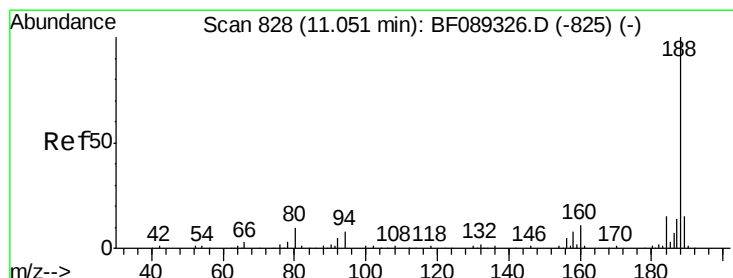
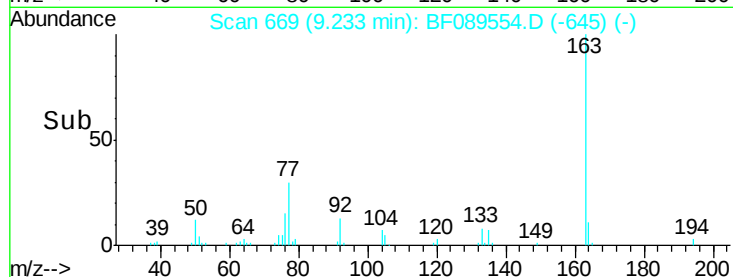
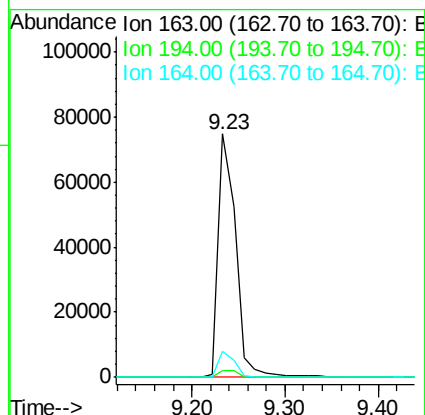
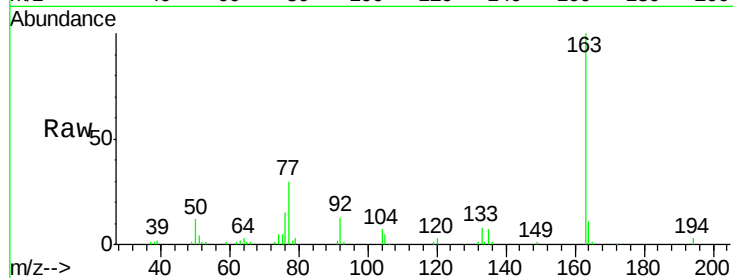




#49
Dimethylphthalate
Concen: 15.61 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF089554.D
Acq: 2 Aug 2016 18:41

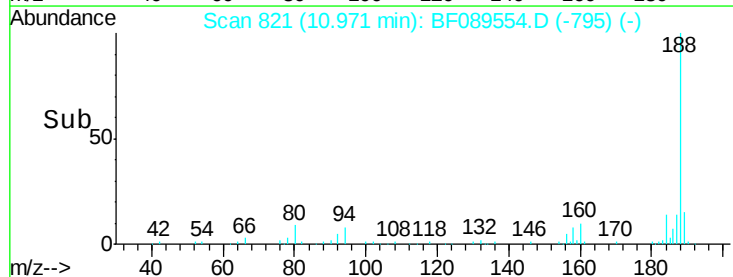
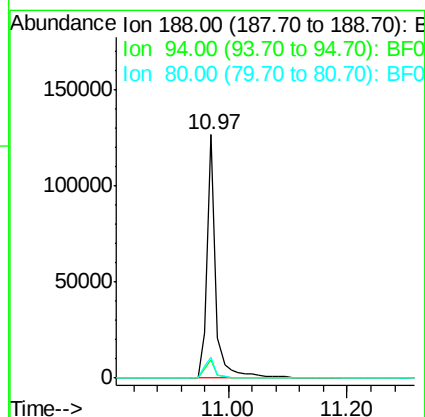
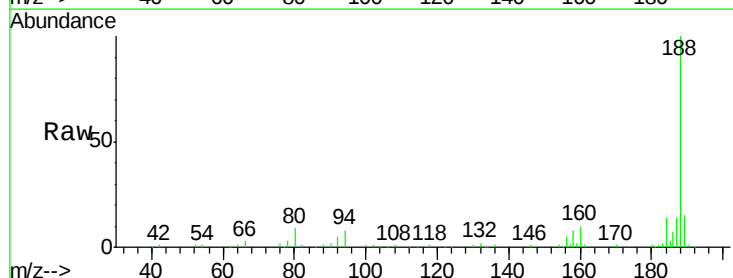
Instrument :
BNA_F
ClientSampleId :
SB-54-16.0-17.0

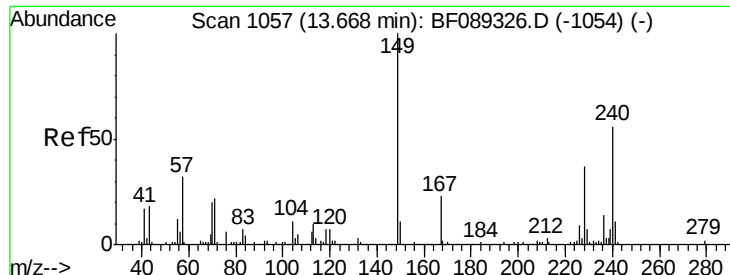
Tot Ion:163 Resp: 96685
Ion Ratio Lower Upper
163 100
194 2.7 2.8 4.2#
164 10.6 7.8 11.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF089554.D
Acq: 2 Aug 2016 18:41

Tgt Ion:188 Resp: 134673
Ion Ratio Lower Upper
188 100
94 7.8 6.5 9.7
80 8.8 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.59 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF089554.D

Acq: 2 Aug 2016 18:41

Instrument :

BNA_F

ClientSampleId :

SB-54-16.0-17.0

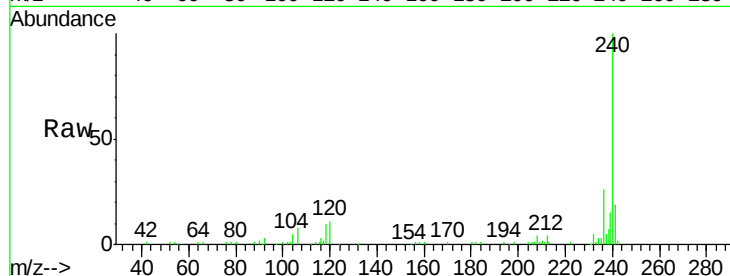
Tot Ion:240 Resp: 87994

Ion Ratio Lower Upper

240 100

120 10.8 9.1 13.7

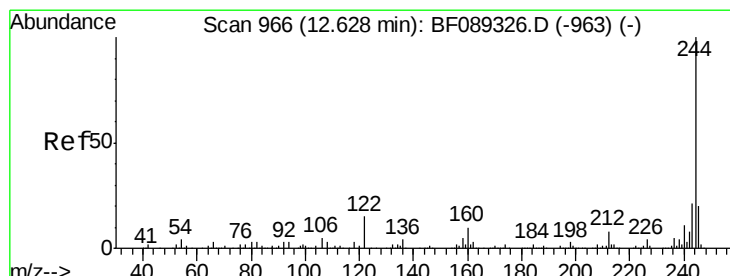
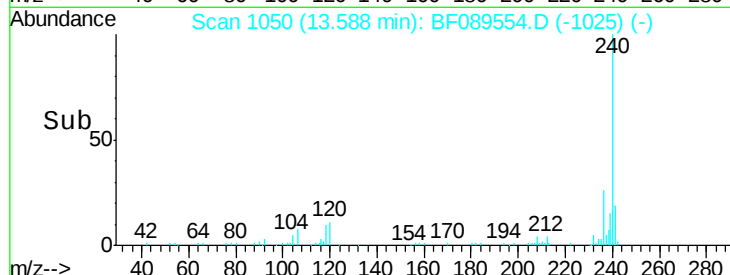
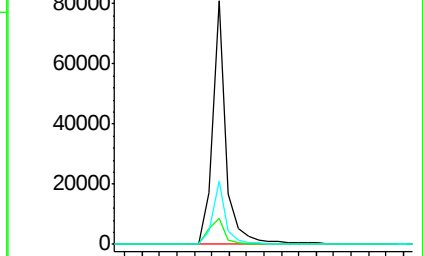
236 25.9 20.6 30.8



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: 93.38 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF089554.D

Acq: 2 Aug 2016 18:41

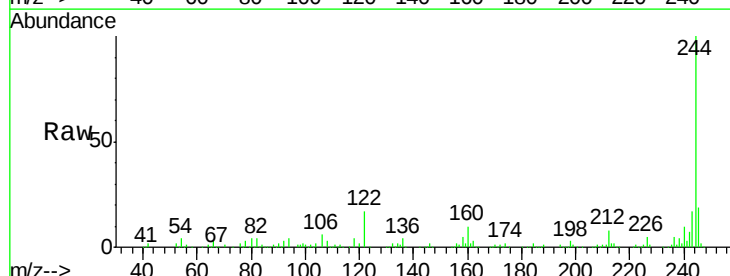
Tgt Ion:244 Resp: 351080

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

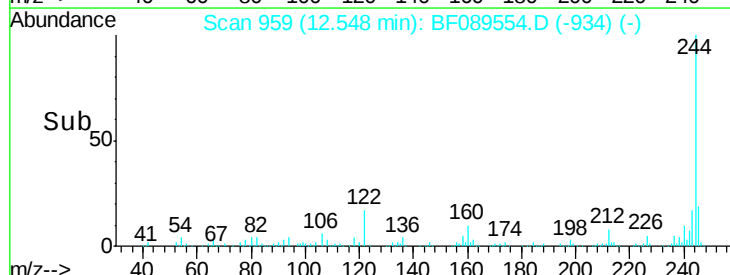
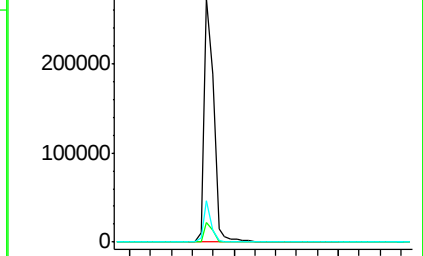
122 17.2 11.4 17.0#

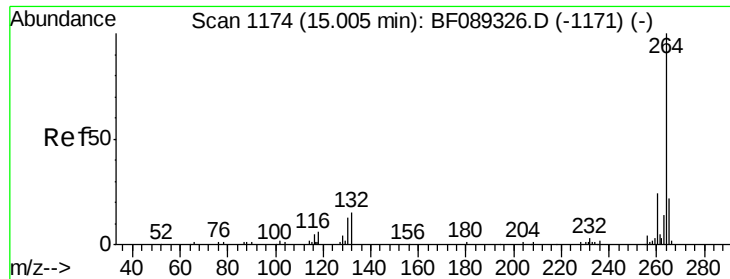


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

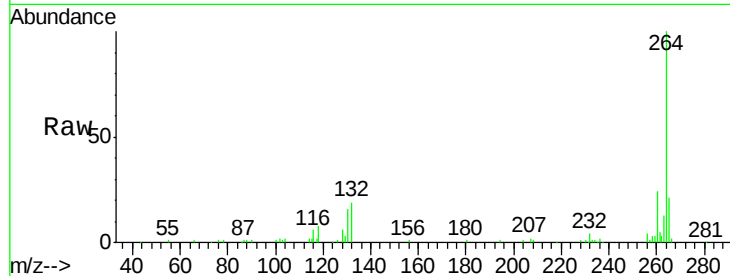




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF089554.D
Acq: 2 Aug 2016 18:41

Instrument :
BNA_F
ClientSampleId :
SB-54-16.0-17.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	21.3	17.5	26.3



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

