

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080216\
 Data File : BF089557.D
 Acq On : 2 Aug 2016 20:10
 Operator : UM/SJ
 Sample : H4269-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-55-18.0-19.0

Quant Time: Aug 03 02:05:54 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

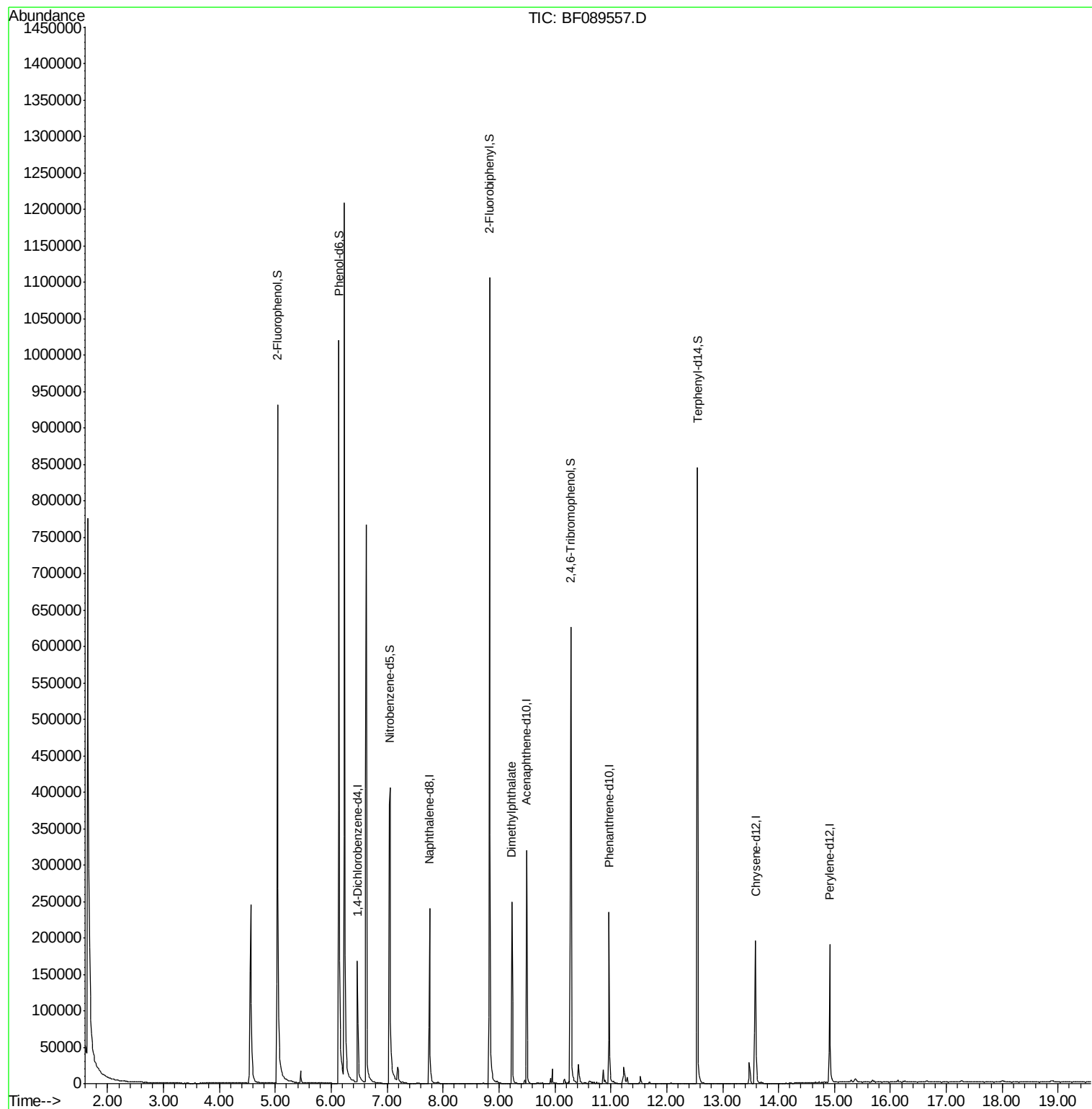
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	37911	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	145173	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	63160	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	107282	20.00	ng	0.00
75) Chrysene-d12	13.59	240	85431	20.00	ng	-0.01
86) Perylene-d12	14.91	264	79594	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	326725	137.61	ng	0.01
7) Phenol-d6	6.14	99	458453	146.11	ng	0.00
23) Nitrobenzene-d5	7.05	82	259540	105.53	ng	0.00
41) 2,4,6-Tribromophenol	10.28	330	70673	135.10	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	387186	89.97	ng	-0.01
78) Terphenyl-d14	12.55	244	287573	78.78	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.23	163	120745	25.12	ng	97

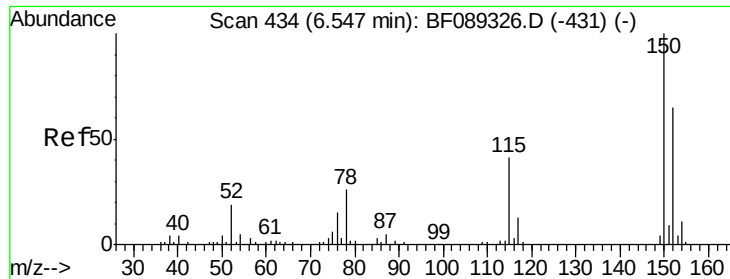
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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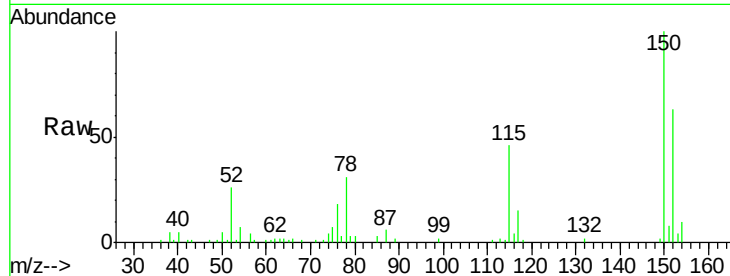


#1

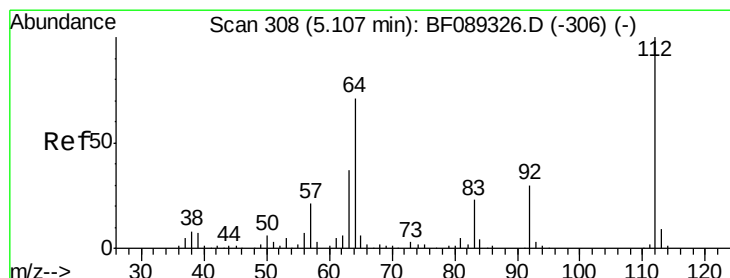
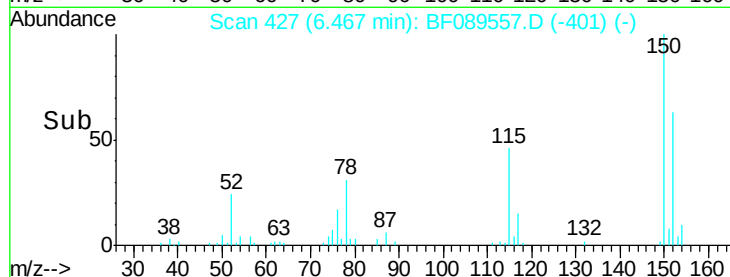
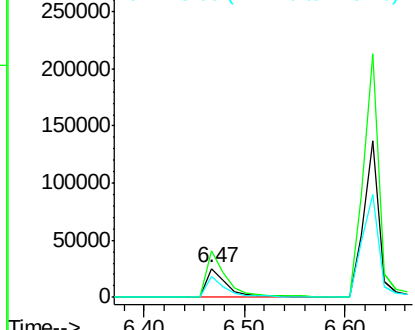
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.47 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF089557.D
Acq: 2 Aug 2016 20:10

Instrument :
BNA_F
ClientSampleId :
SB-55-18.0-19.0

Tot Ion:152 Resp: 37911
Ion Ratio Lower Upper
152 100
150 159.6 129.5 194.3
115 72.9 51.4 77.2



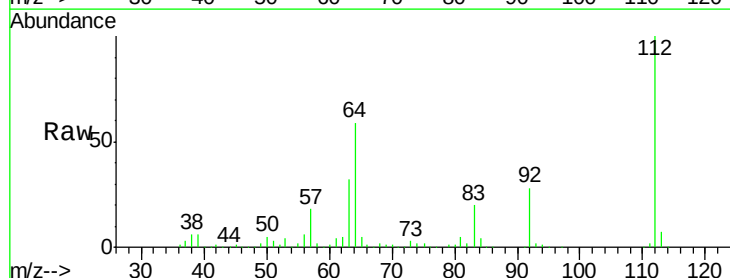
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



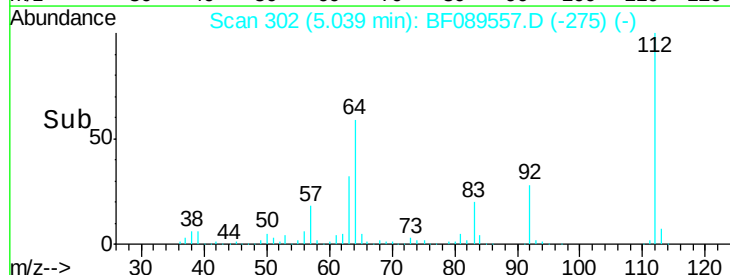
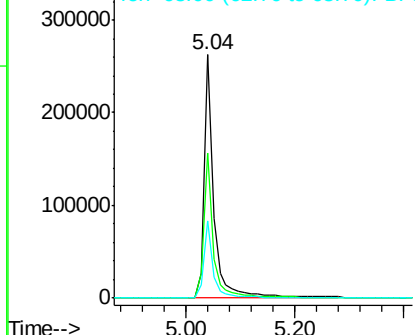
#5

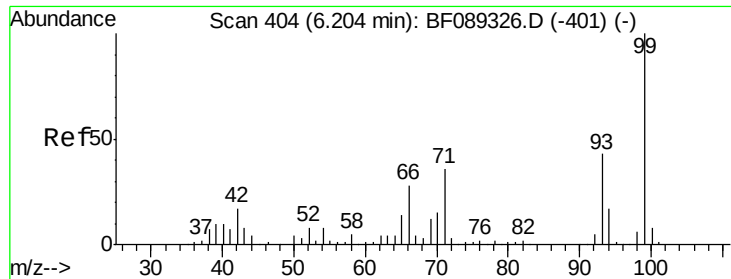
2-Fluorophenol
Concen: 137.61 ng
RT: 5.04 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF089557.D
Acq: 2 Aug 2016 20:10

Tgt Ion:112 Resp: 326725
Ion Ratio Lower Upper
112 100
64 59.5 55.0 82.6
63 31.6 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: 146.11 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF089557.D

Acq: 2 Aug 2016 20:10

Instrument :

BNA_F

ClientSampleId :

SB-55-18.0-19.0

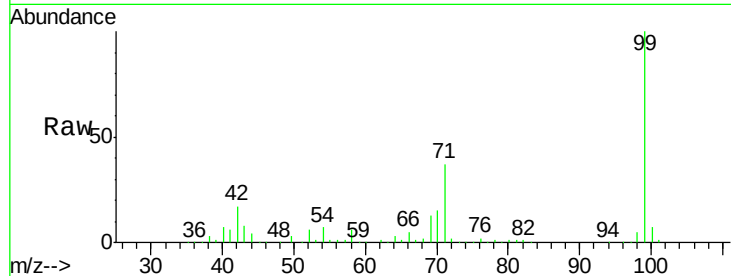
Tot Ion: 99 Resp: 458453

Ion Ratio Lower Upper

99 100

42 17.1 13.6 20.4

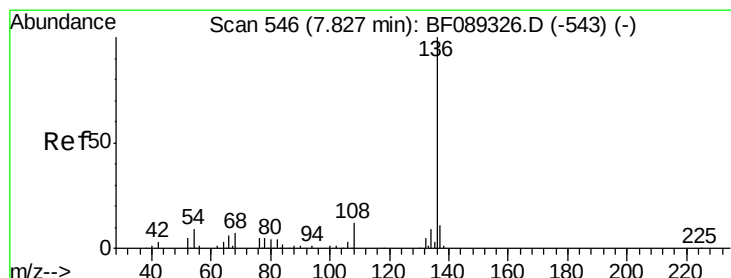
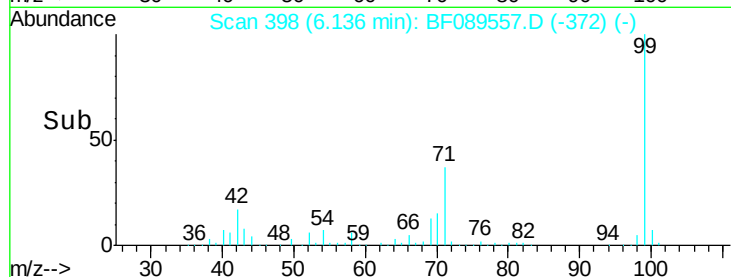
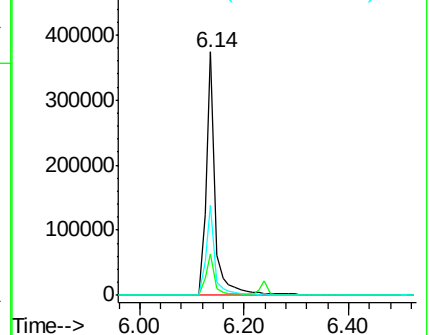
71 36.8 29.4 44.2



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: BF089557.D

Acq: 2 Aug 2016 20:10

Tgt Ion: 136 Resp: 145173

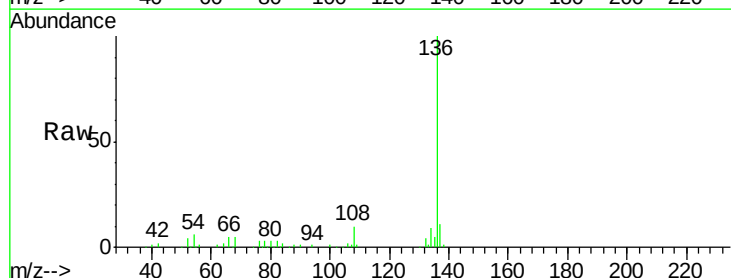
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 6.1 7.0 10.4#

68 4.8 4.9 7.3#

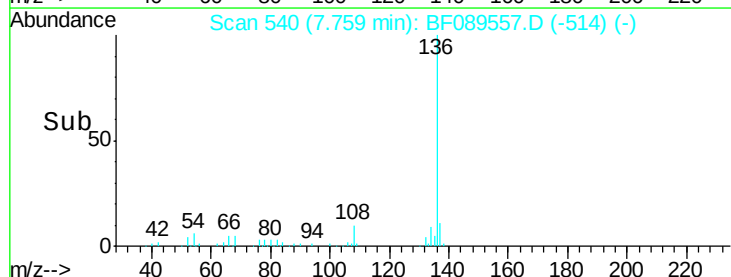
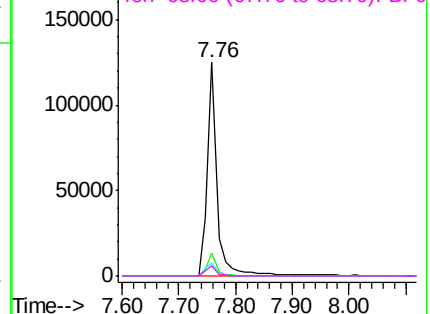


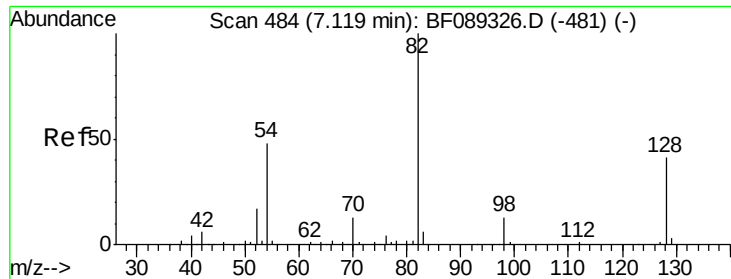
Abundance Ion 136.00 (135.70 to 136.70): E

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

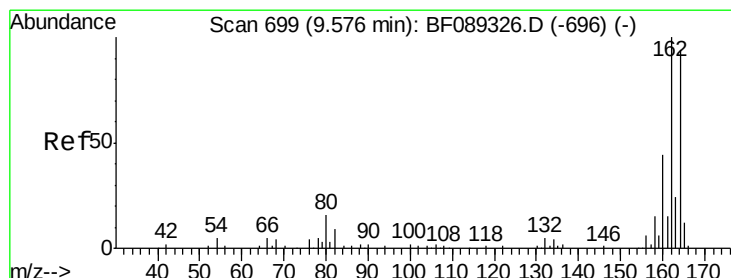
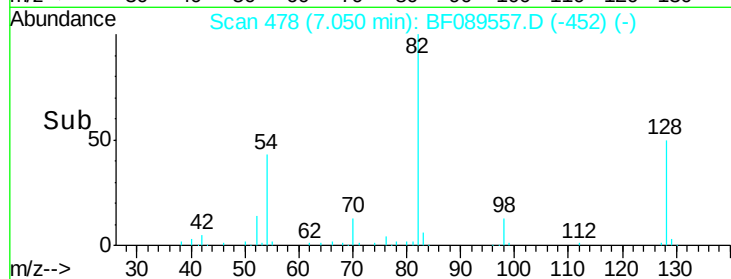
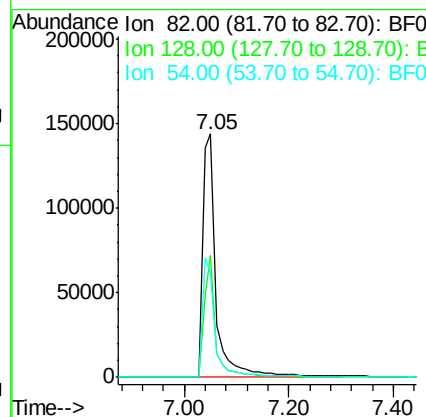
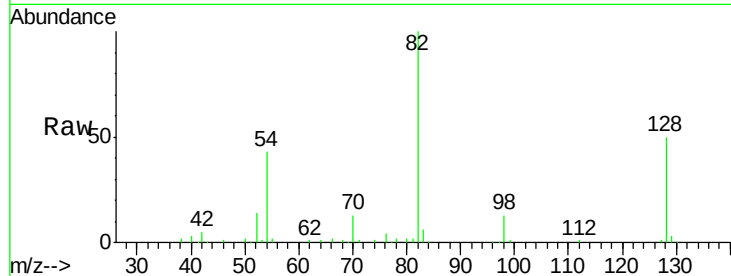




#23
 Nitrobenzene-d5
 Concen: 105.53 ng
 RT: 7.05 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: BF089557.D
 Acq: 2 Aug 2016 20:10

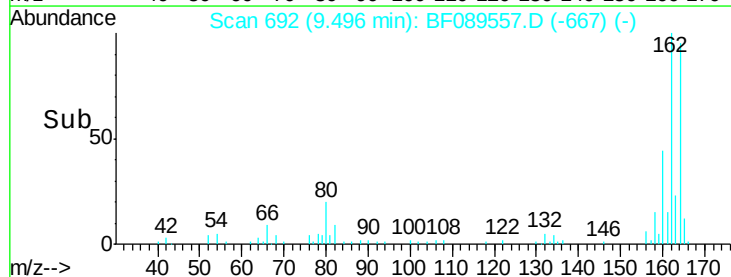
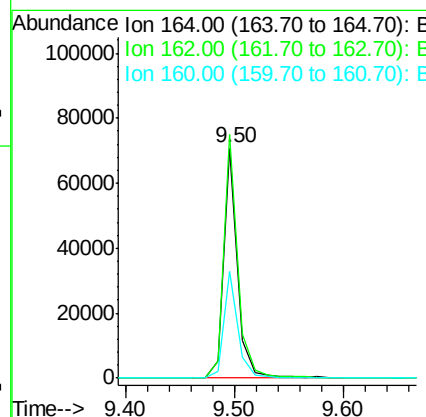
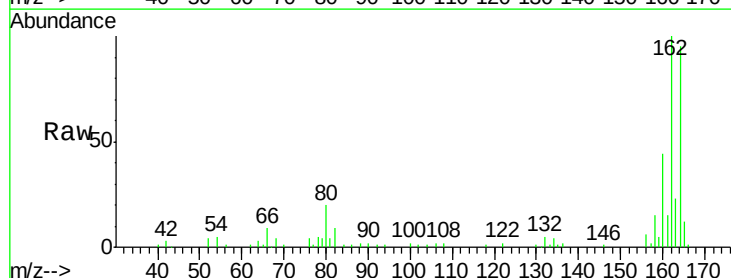
Instrument :
 BNA_F
 ClientSampleId :
 SB-55-18.0-19.0

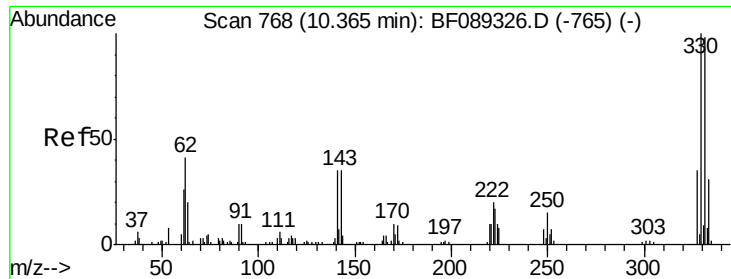
Tot Ion	82	Resp	259540
Ion Ratio	100	Lower	Upper
128	50.3	32.5	48.7#
54	42.9	38.8	58.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF089557.D
 Acq: 2 Aug 2016 20:10

Tgt Ion	164	Resp	63160
Ion Ratio	100	Lower	Upper
162	105.8	83.7	125.5
160	46.5	37.8	56.6

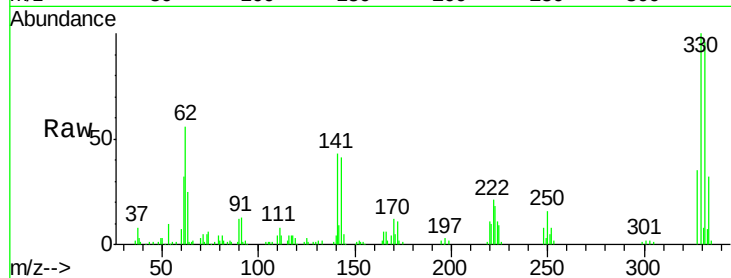




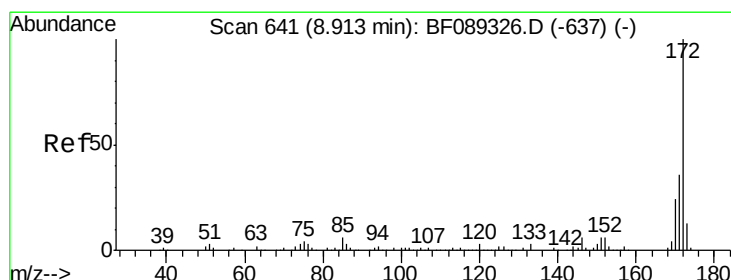
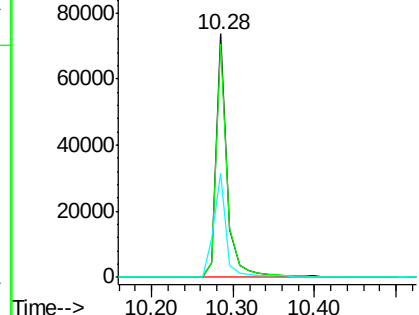
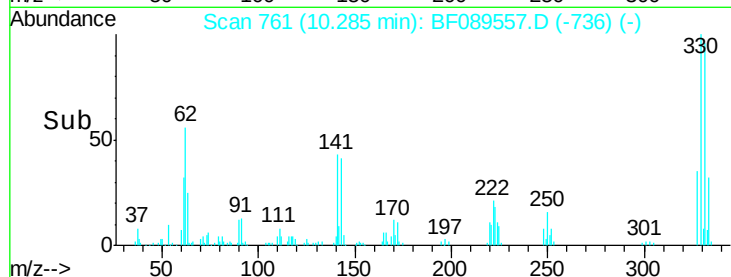
#41
 2,4,6-Tribromophenol
 Concen: 135.10 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF089557.D
 Acq: 2 Aug 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-55-18.0-19.0

Tot Ion	330	Ratio	Lower	Upper
330	100			
332	96.8	76.8	115.2	
141	49.1	37.3	55.9	

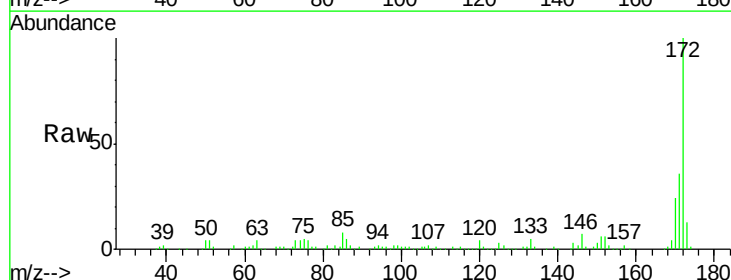


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

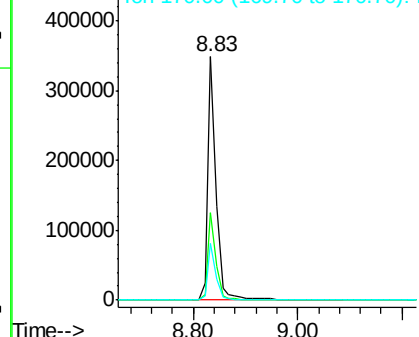
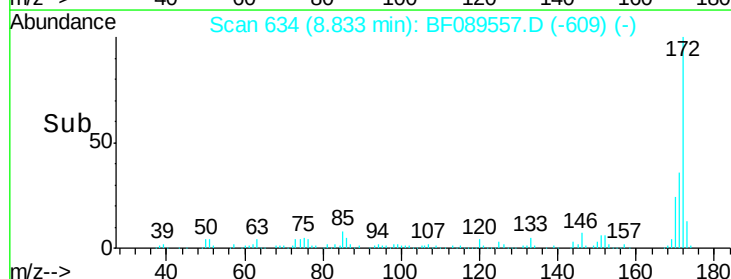


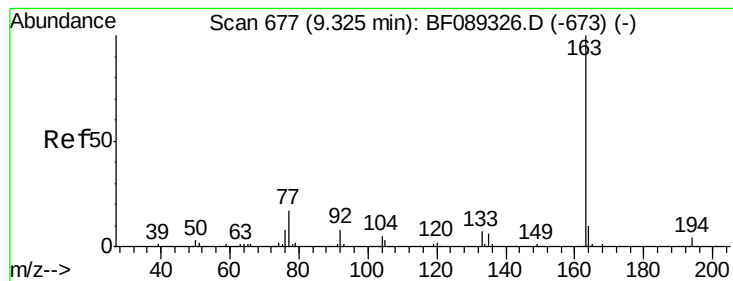
#44
 2-Fluorobiphenyl
 Concen: 89.97 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF089557.D
 Acq: 2 Aug 2016 20:10

Tgt Ion	172	Ratio	Lower	Upper
172	100			
171	36.1	29.2	43.8	
170	23.5	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: 25.12 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF089557.D

Acq: 2 Aug 2016 20:10

Instrument :

BNA_F

ClientSampled :

SB-55-18.0-19.0

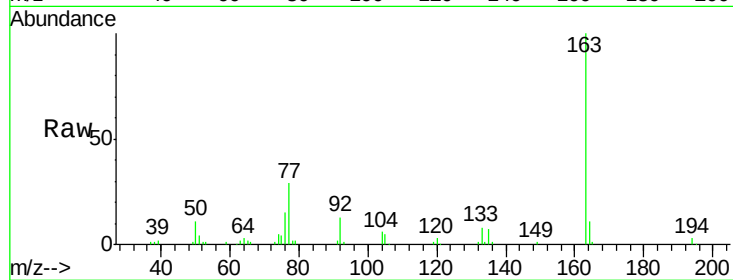
Tot Ion:163 Resp: 120745

Ion Ratio Lower Upper

163 100

194 2.8 2.8 4.2

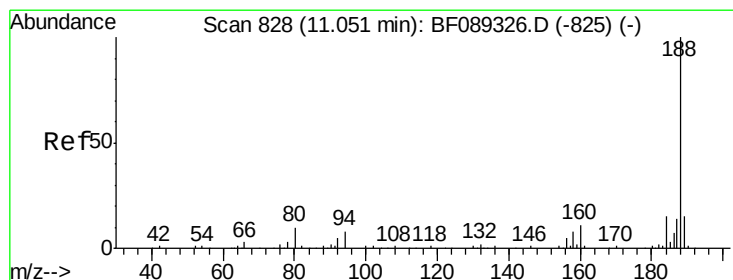
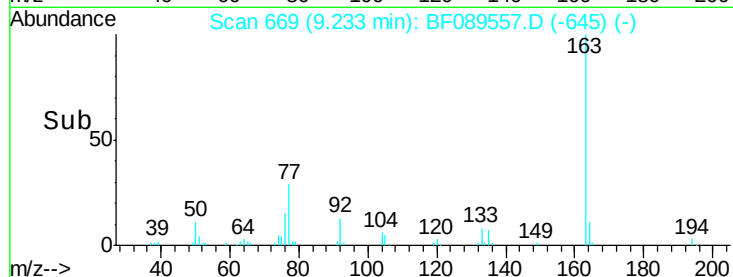
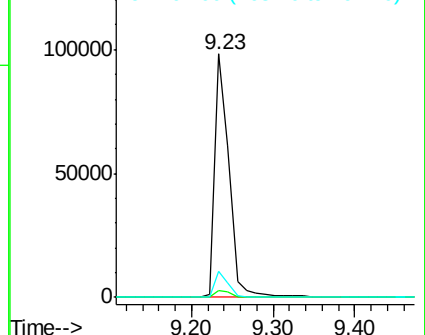
164 10.9 7.8 11.8



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: BF089557.D

Acq: 2 Aug 2016 20:10

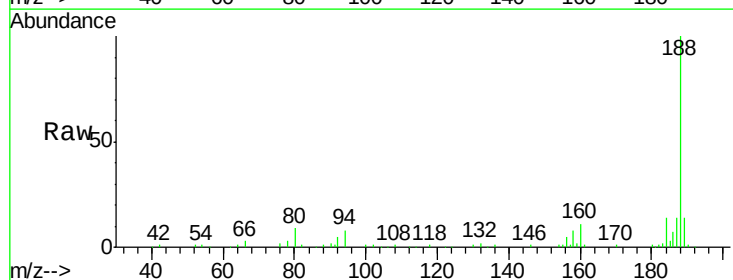
Tgt Ion:188 Resp: 107282

Ion Ratio Lower Upper

188 100

94 8.1 6.5 9.7

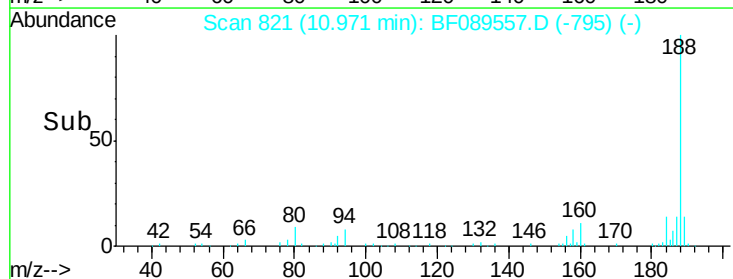
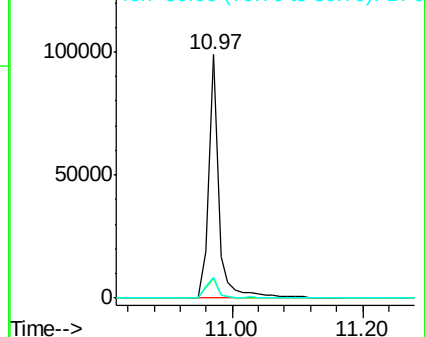
80 8.8 7.2 10.8

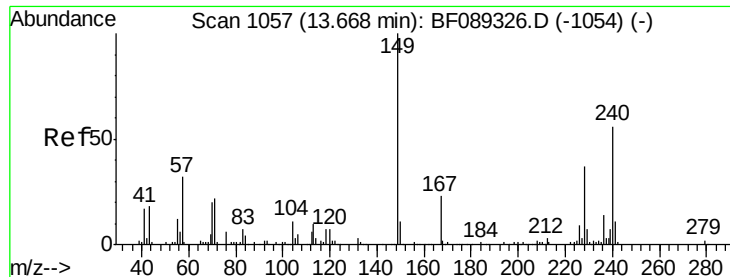


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF089557.D

Acq: 2 Aug 2016 20:10

Instrument :

BNA_F

ClientSampleId :

SB-55-18.0-19.0

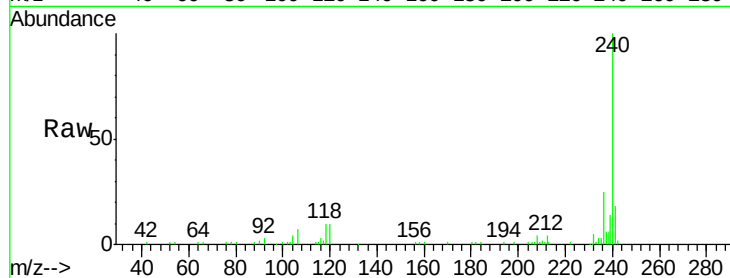
Tot Ion:240 Resp: 85431

Ion Ratio Lower Upper

240 100

120 10.5 9.1 13.7

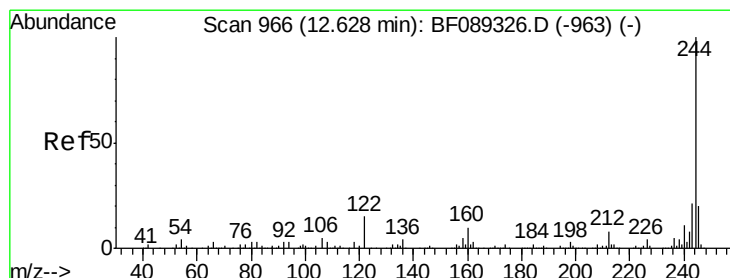
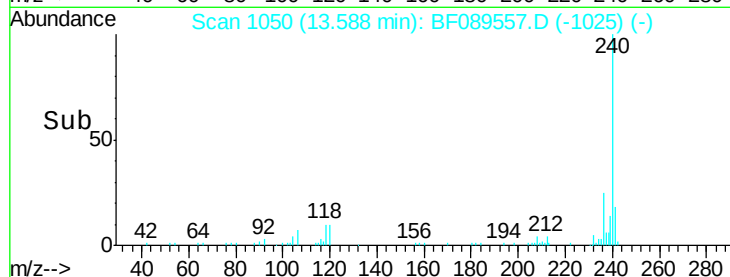
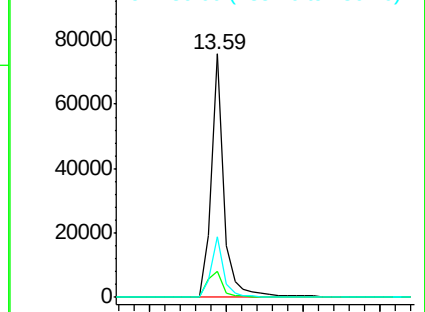
236 25.0 20.6 30.8



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: 78.78 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF089557.D

Acq: 2 Aug 2016 20:10

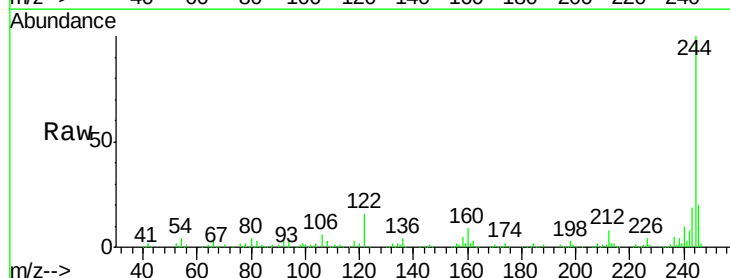
Tgt Ion:244 Resp: 287573

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

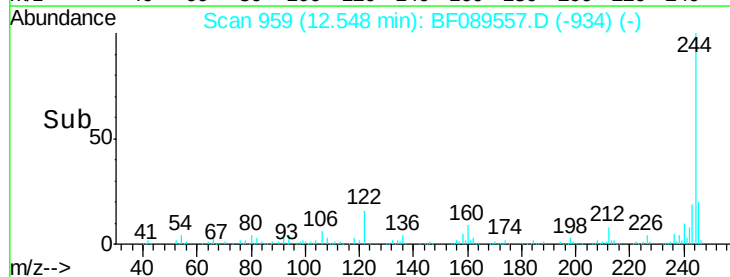
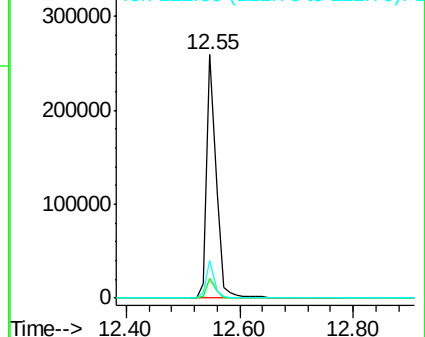
122 15.6 11.4 17.0

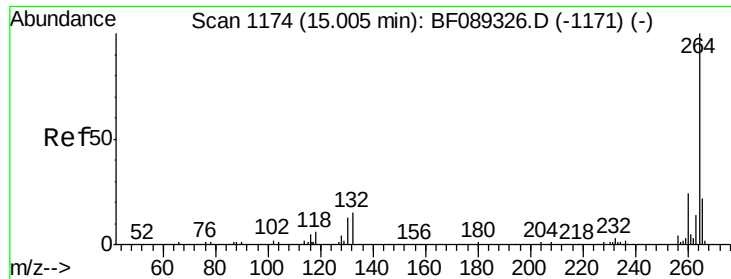


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



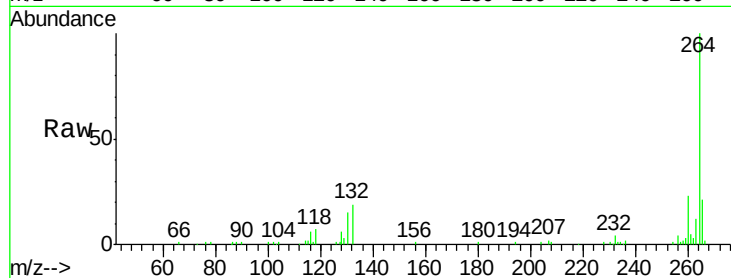


#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF089557.D
Acq: 2 Aug 2016 20:10

Instrument :
BNA_F
ClientSampleId :
SB-55-18.0-19.0

Tot Ion: 264 Resp: 79594

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	21.1	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

