

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080216\
 Data File : BF089562.D
 Acq On : 2 Aug 2016 22:40
 Operator : UM/SJ
 Sample : H4221-02RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-43-5.5-6.5RE

Quant Time: Aug 03 02:17:26 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

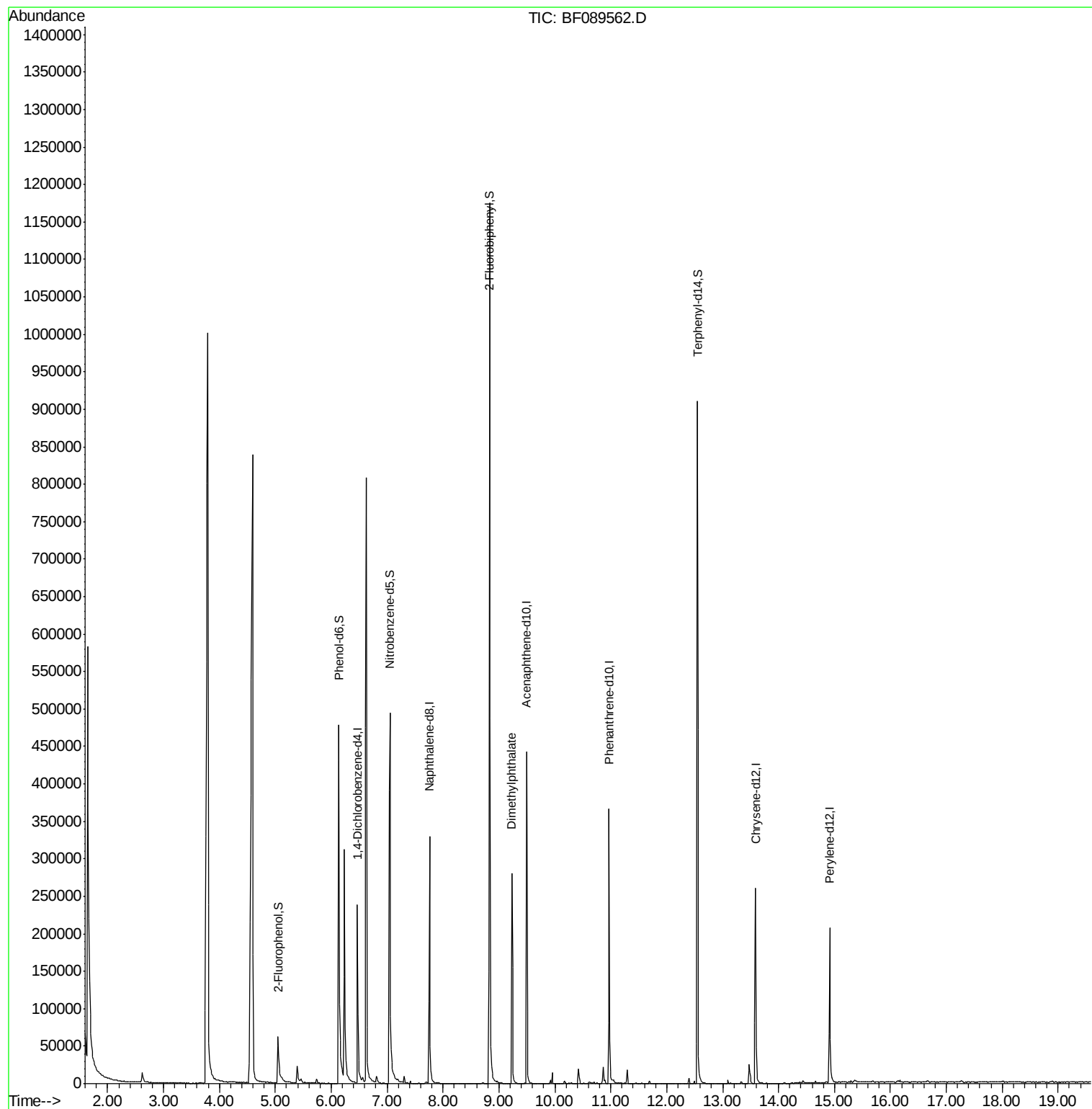
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	49203	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	194384	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	87856	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	158323	20.00	ng	0.00
75) Chrysene-d12	13.59	240	108299	20.00	ng	-0.01
86) Perylene-d12	14.91	264	91299	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	47901	15.54	ng	0.02
7) Phenol-d6	6.14	99	315820	77.55	ng	0.00
23) Nitrobenzene-d5	7.05	82	287741	87.37	ng	0.00
41) 2,4,6-Tribromophenol	10.30	330	336	0.46	ng	0.00
44) 2-Fluorobiphenyl	8.83	172	460502	76.92	ng	-0.01
78) Terphenyl-d14	12.55	244	345624	74.69	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.23	163	146394	21.89	ng	98

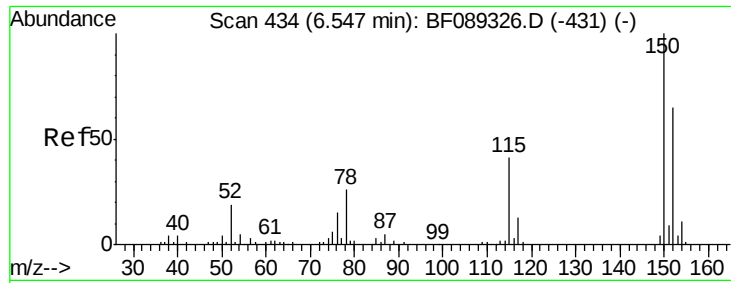
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 03 01:32:56 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF089562.D

Acq: 2 Aug 2016 22:40

Instrument :

BNA_F

ClientSampleId :

SB-43-5.5-6.5RE

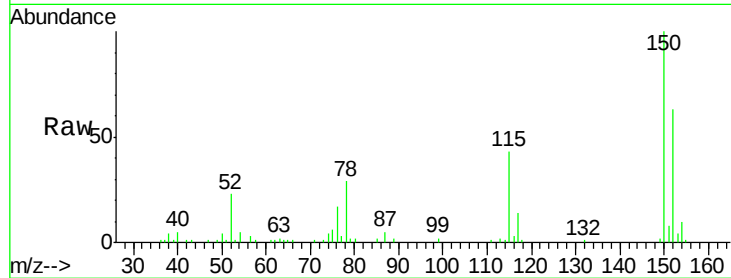
Tot Ion:152 Resp: 49203

Ion Ratio Lower Upper

152 100

150 158.4 129.5 194.3

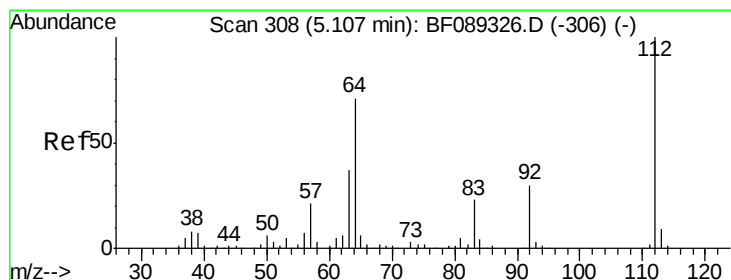
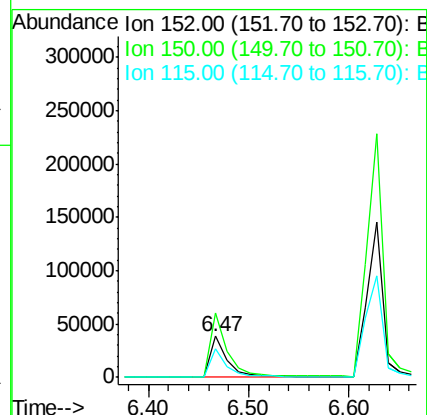
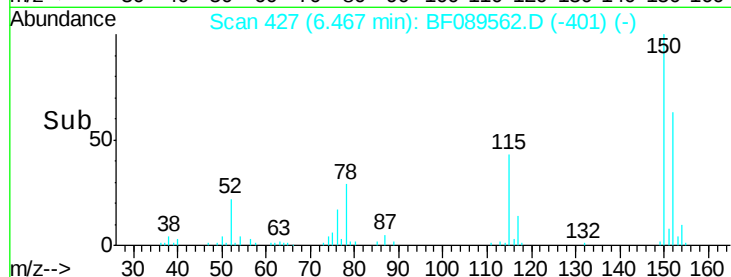
115 68.9 51.4 77.2



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: 15.54 ng

RT: 5.05 min Scan# 303

Delta R.T. 0.02 min

Lab File: BF089562.D

Acq: 2 Aug 2016 22:40

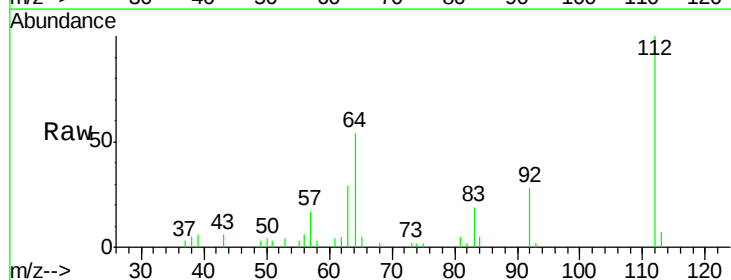
Tgt Ion:112 Resp: 47901

Ion Ratio Lower Upper

112 100

64 54.2 55.0 82.6#

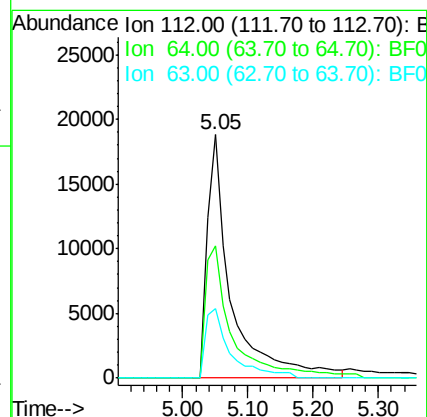
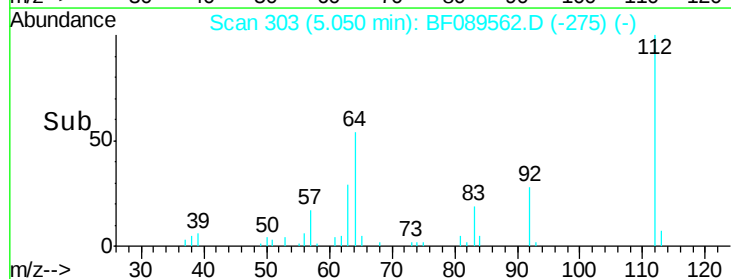
63 28.8 29.4 44.2#



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: 77.55 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF089562.D

Acq: 2 Aug 2016 22:40

Instrument :

BNA_F

ClientSampleId :

SB-43-5.5-6.5RE

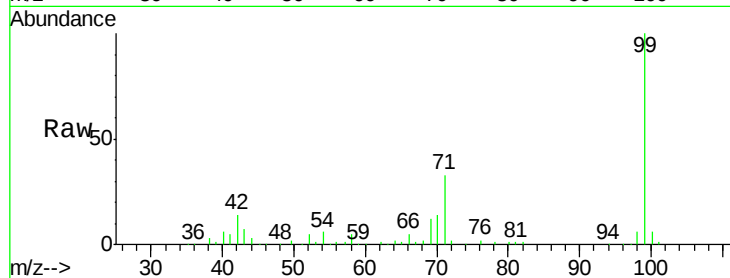
Tot Ion: 99 Resp: 315820

Ion Ratio Lower Upper

99 100

42 14.1 13.6 20.4

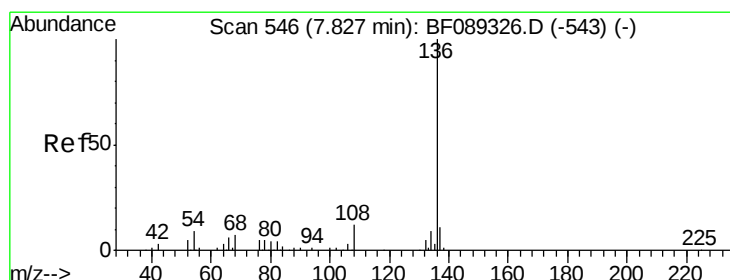
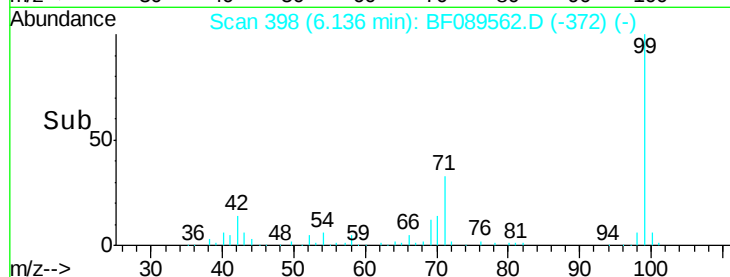
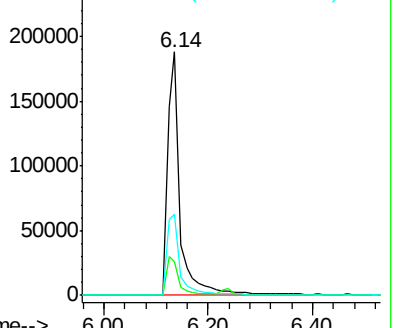
71 33.3 29.4 44.2



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: BF089562.D

Acq: 2 Aug 2016 22:40

Tgt Ion: 136 Resp: 194384

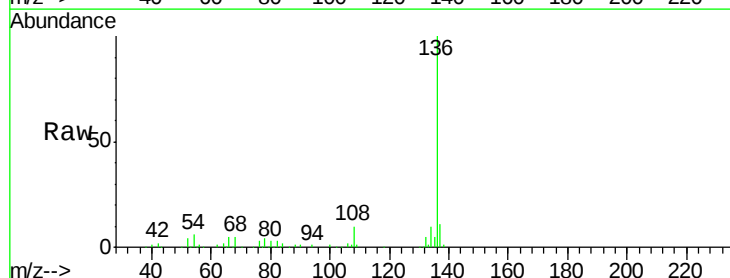
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 6.1 7.0 10.4

68 5.0 4.9 7.3

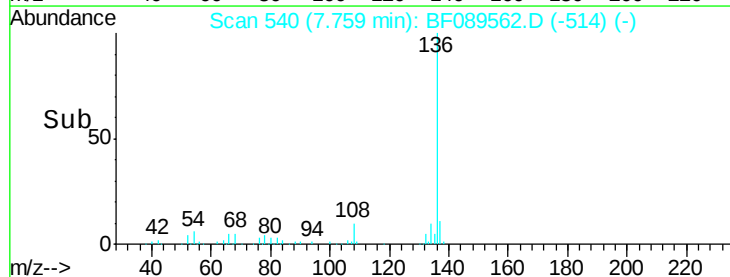
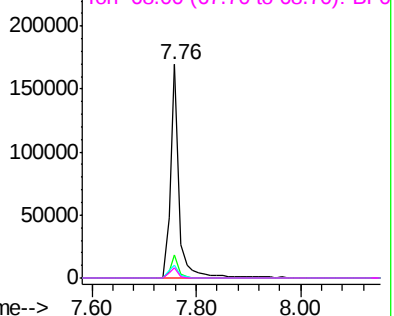


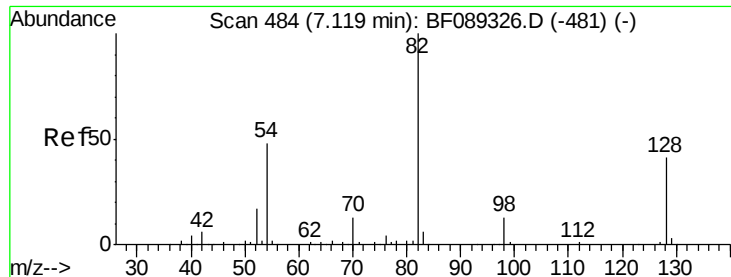
Abundance Ion 136.00 (135.70 to 136.70): E

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

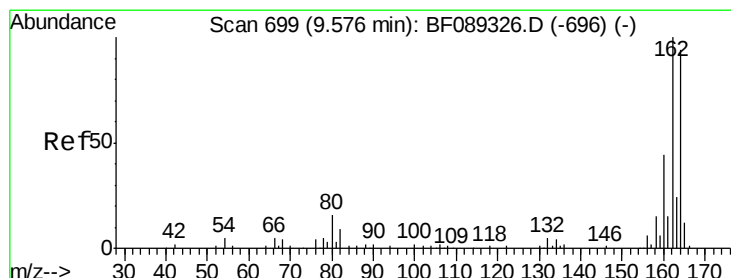
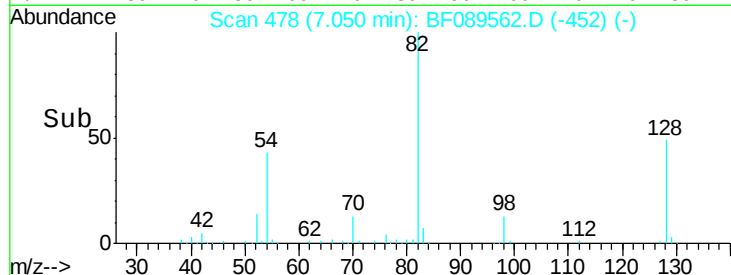
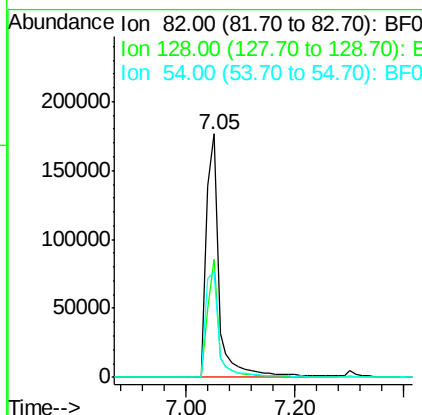
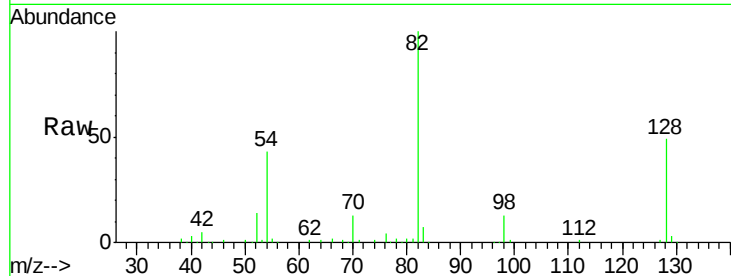




#23
 Nitrobenzene-d5
 Concen: 87.37 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF089562.D
 Acq: 2 Aug 2016 22:40

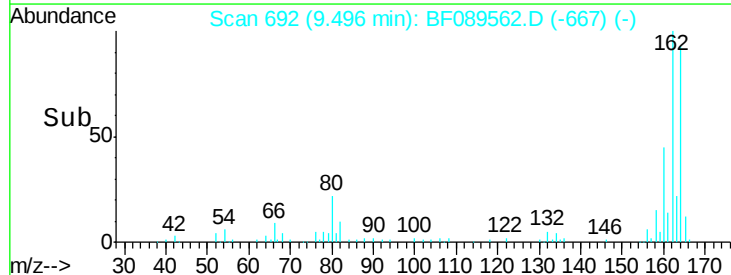
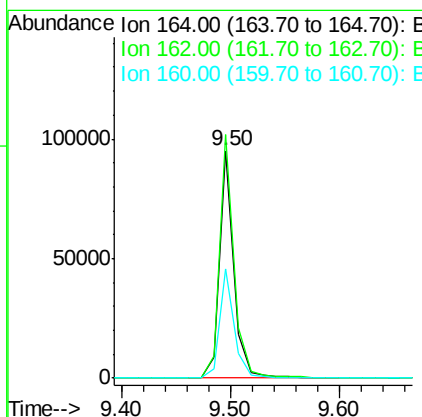
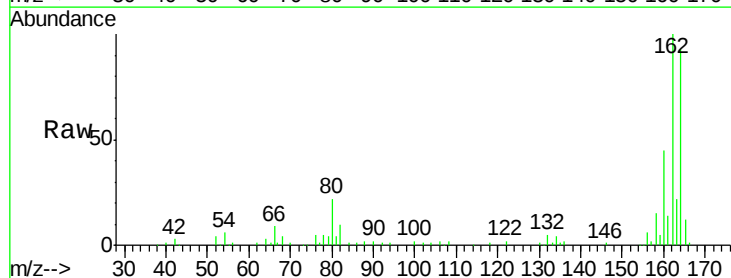
Instrument :
 BNA_F
 ClientSampleId :
 SB-43-5.5-6.5RE

Tot Ion: 82 Resp: 287741
 Ion Ratio Lower Upper
 82 100
 128 48.6 32.5 48.7
 54 43.3 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: BF089562.D
 Acq: 2 Aug 2016 22:40

Tgt Ion:164 Resp: 87856
 Ion Ratio Lower Upper
 164 100
 162 107.1 83.7 125.5
 160 48.0 37.8 56.6

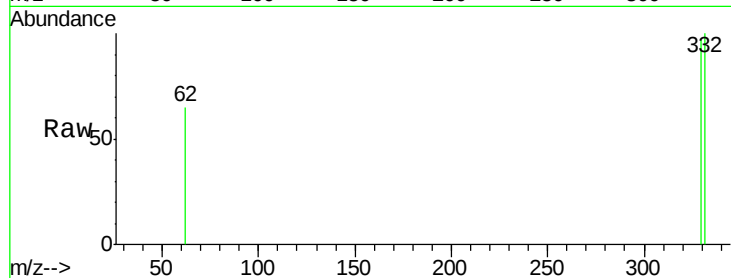




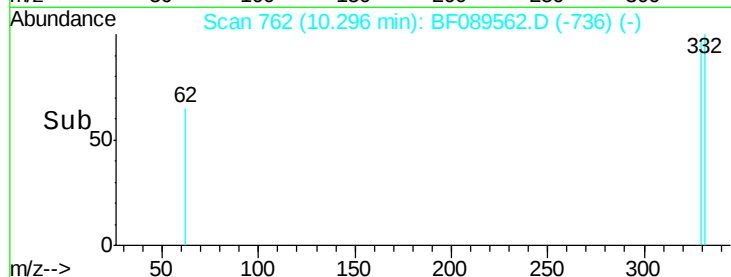
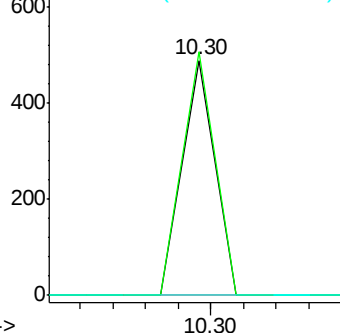
#41
 2,4,6-Tribromophenol
 Concen: 0.46 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF089562.D
 Acq: 2 Aug 2016 22:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-43-5.5-6.5RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.6	76.8	115.2
141	0.0	37.3	55.9#

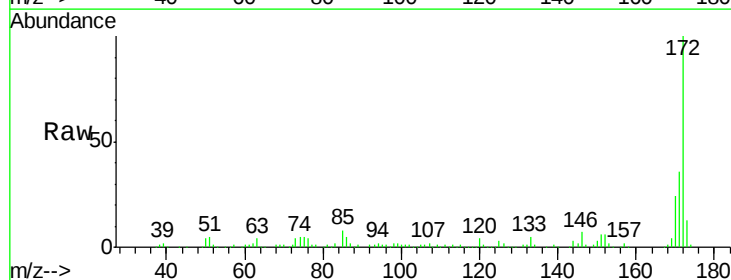


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

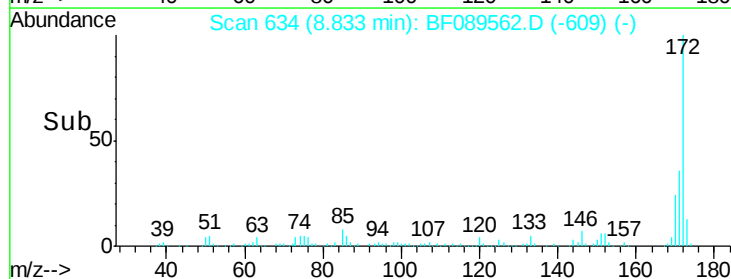
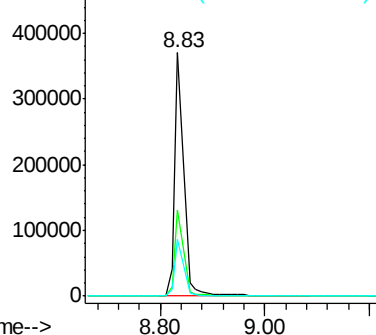


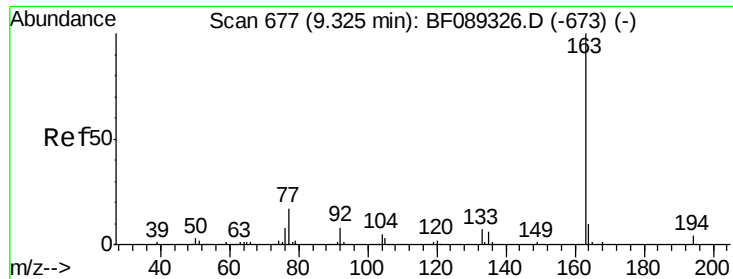
#44
 2-Fluorobiphenyl
 Concen: 76.92 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF089562.D
 Acq: 2 Aug 2016 22:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	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

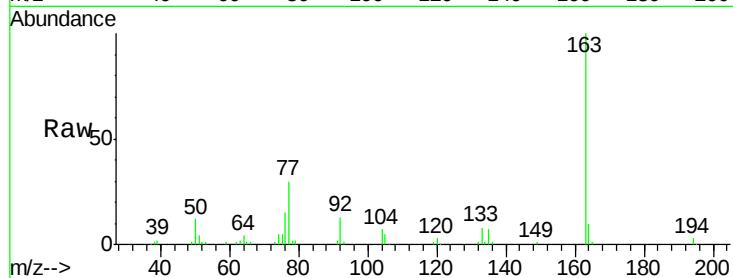




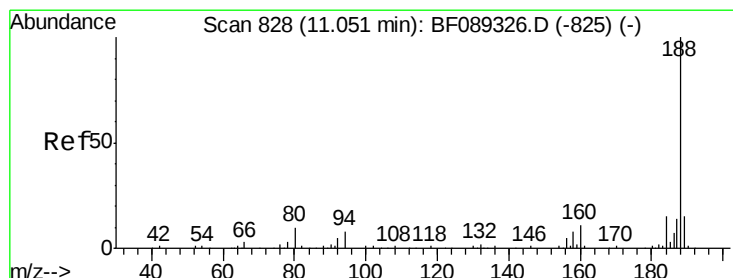
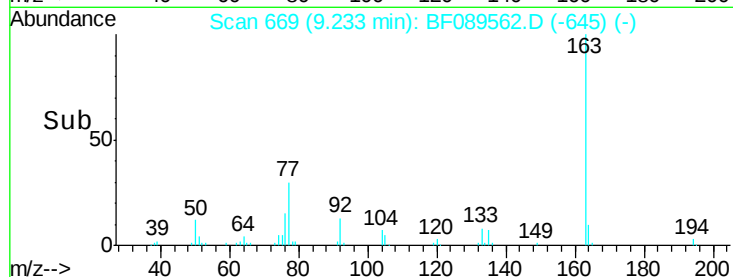
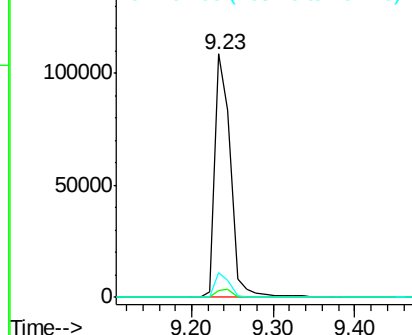
#49
Dimethylphthalate
Concen: 21.89 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF089562.D
Acq: 2 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
SB-43-5.5-6.5RE

Tot Ion:163 Resp: 146394
Ion Ratio Lower Upper
163 100
194 2.8 2.8 4.2
164 10.4 7.8 11.8

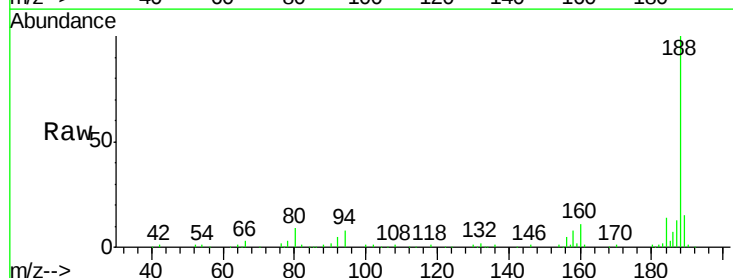


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

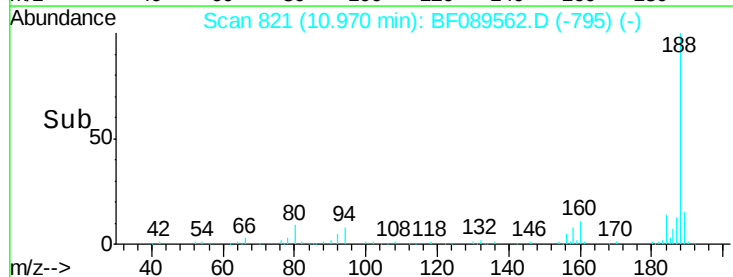
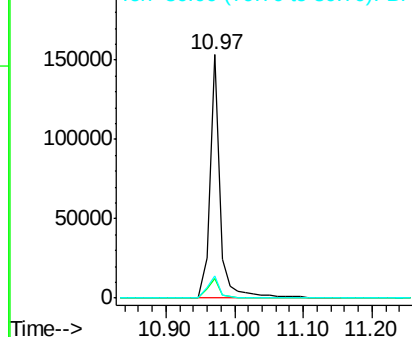


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF089562.D
Acq: 2 Aug 2016 22:40

Tgt Ion:188 Resp: 158323
Ion Ratio Lower Upper
188 100
94 7.9 6.5 9.7
80 8.9 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: BF089562.D

Acq: 2 Aug 2016 22:40

Instrument :

BNA_F

ClientSampleId :

SB-43-5.5-6.5RE

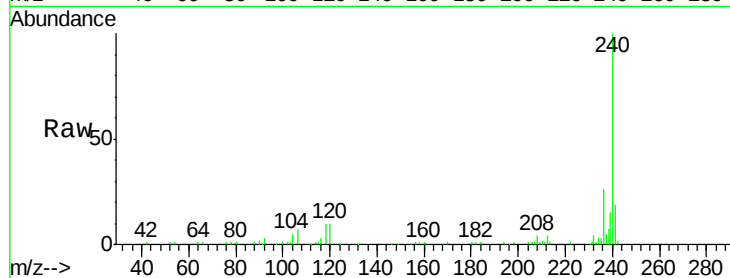
Tot Ion:240 Resp: 108299

Ion Ratio Lower Upper

240 100

120 10.0 9.1 13.7

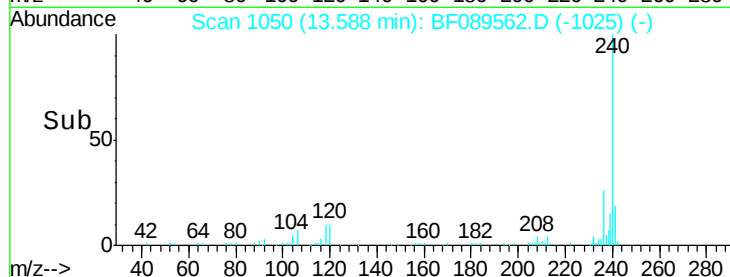
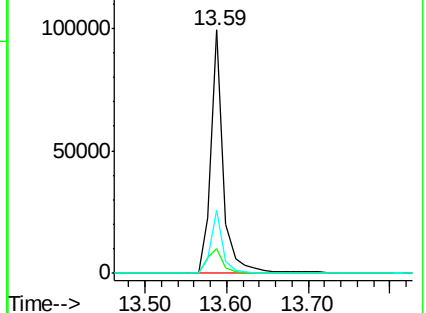
236 26.0 20.6 30.8



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: 74.69 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF089562.D

Acq: 2 Aug 2016 22:40

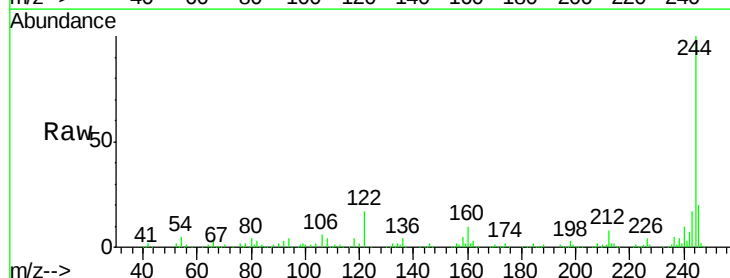
Tgt Ion:244 Resp: 345624

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

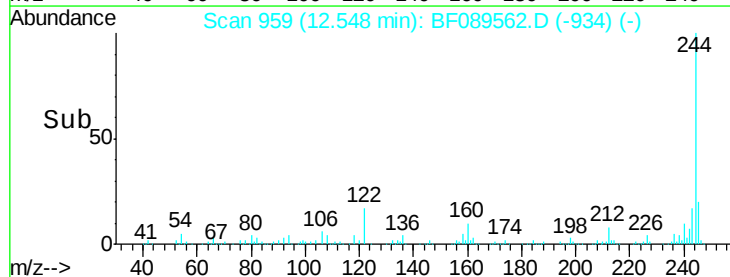
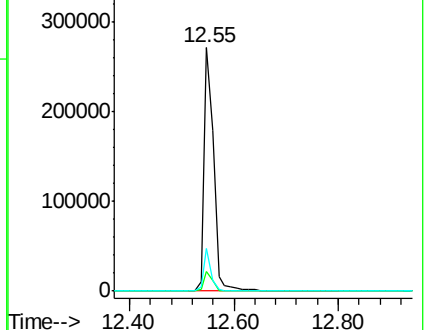
122 17.3 11.4 17.0#

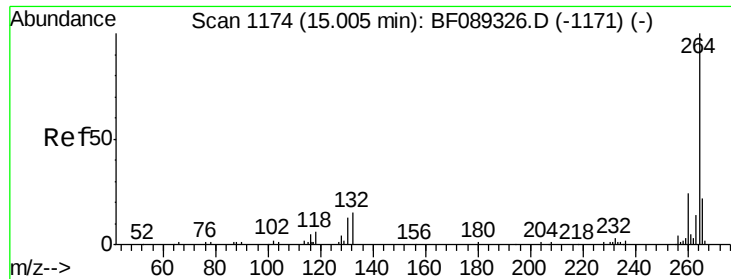


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

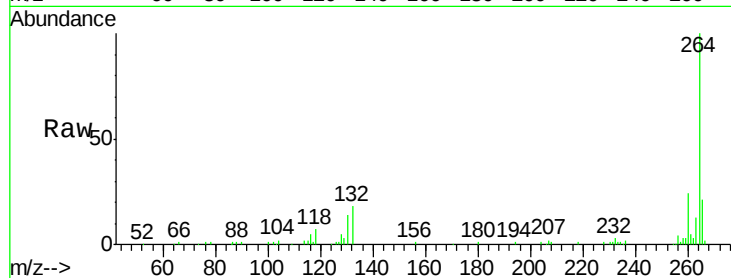




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF089562.D
Acq: 2 Aug 2016 22:40

Instrument :
BNA_F
ClientSampleId :
SB-43-5.5-6.5RE

Tot Ion: 264 Resp: 91299
Ion Ratio Lower Upper
264 100
260 23.6 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

