

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080216\
 Data File : BF089543.D
 Acq On : 2 Aug 2016 13:14
 Operator : UM/SJ
 Sample : PB92601BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92601BL

Quant Time: Aug 03 01:35:50 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	43199	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	175325	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	83884	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	161272	20.00	ng	0.00
75) Chrysene-d12	13.59	240	113166	20.00	ng	-0.01
86) Perylene-d12	14.91	264	82317	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	323981	119.75	ng	0.02
7) Phenol-d6	6.14	99	441402	123.45	ng	0.00
23) Nitrobenzene-d5	7.04	82	253379	85.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.28	330	80157	115.38	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	449446	78.63	ng	-0.01
78) Terphenyl-d14	12.56	244	435299	90.03	ng	0.00

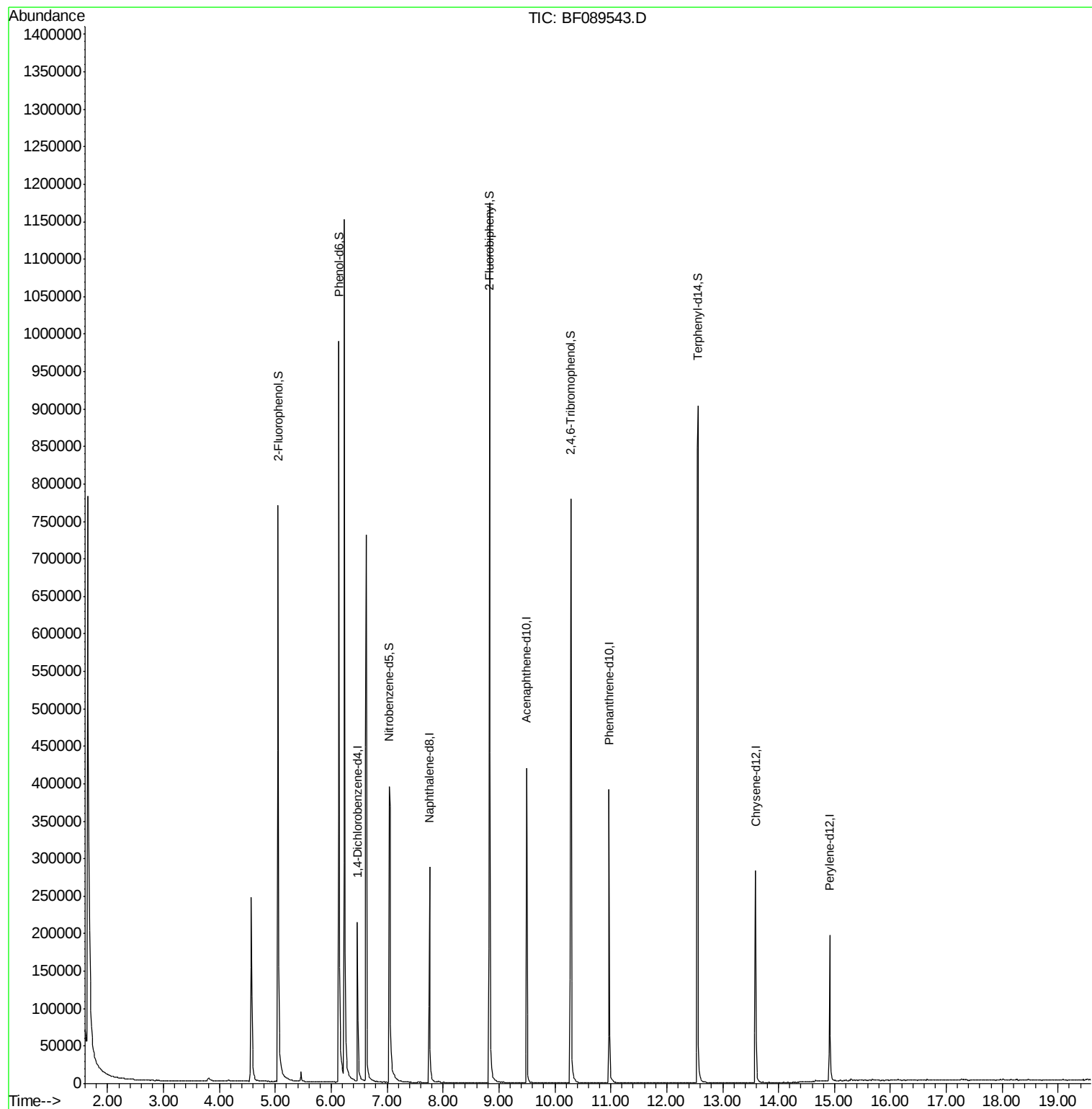
Target Compounds Qvalue

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

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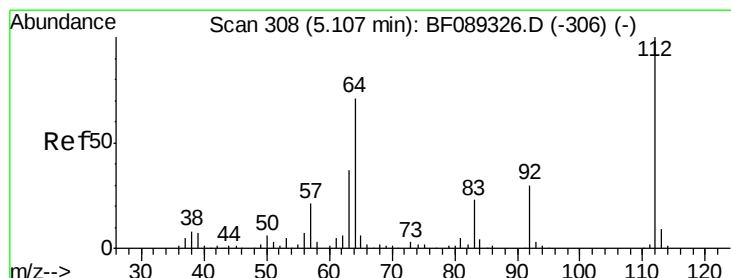
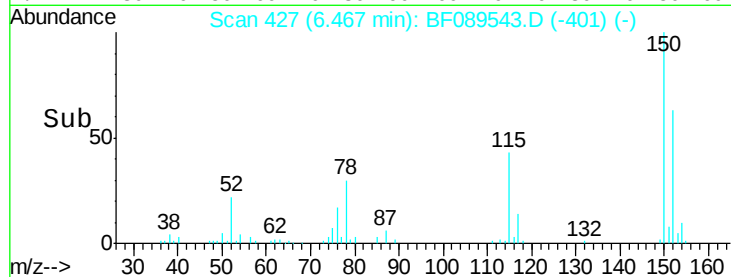
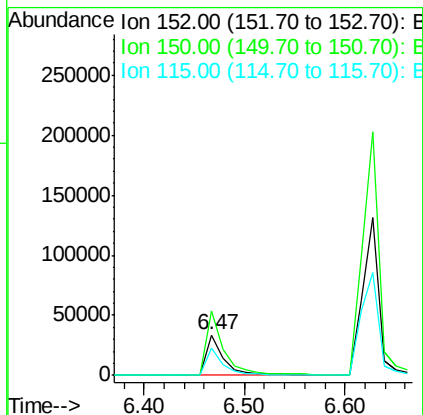
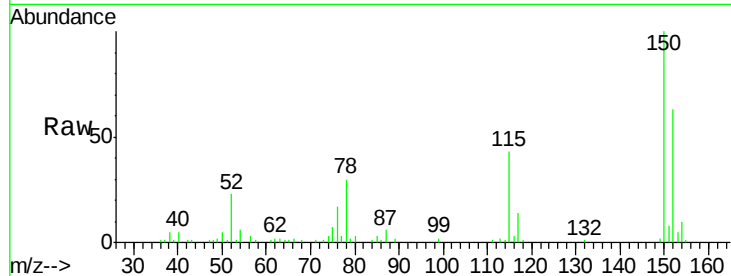


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.47 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF089543.D
 Acq: 2 Aug 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 PB92601BL

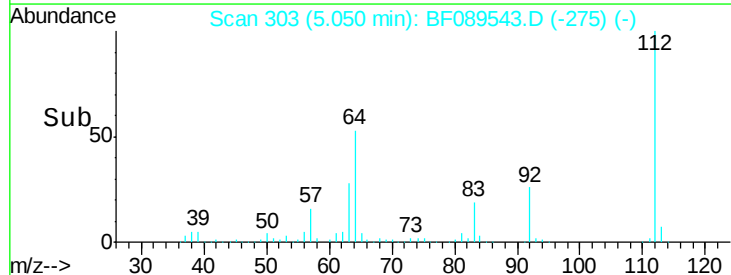
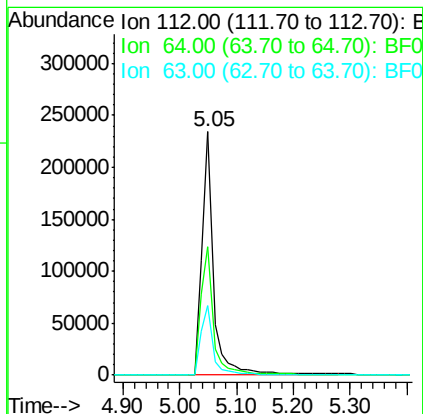
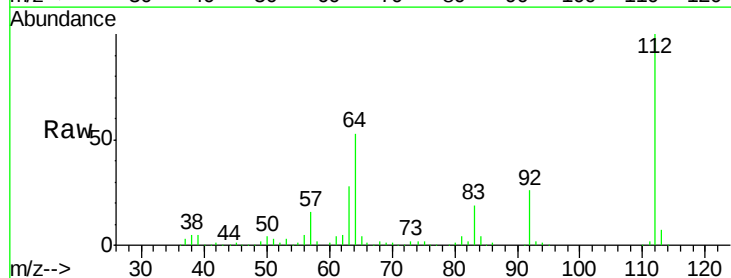
Tot Ion:152 Resp: 43199
 Ion Ratio Lower Upper
 152 100
 150 158.1 129.5 194.3
 115 68.4 51.4 77.2



#5

2-Fluorophenol
 Concen: 119.75 ng
 RT: 5.05 min Scan# 303
 Delta R.T. 0.02 min
 Lab File: BF089543.D
 Acq: 2 Aug 2016 13:14

Tgt Ion:112 Resp: 323981
 Ion Ratio Lower Upper
 112 100
 64 52.9 55.0 82.6#
 63 28.3 29.4 44.2#





#7

Phenol-d6

Concen: 123.45 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF089543.D

Acq: 2 Aug 2016 13:14

Instrument :

BNA_F

ClientSampleId :

PB92601BL

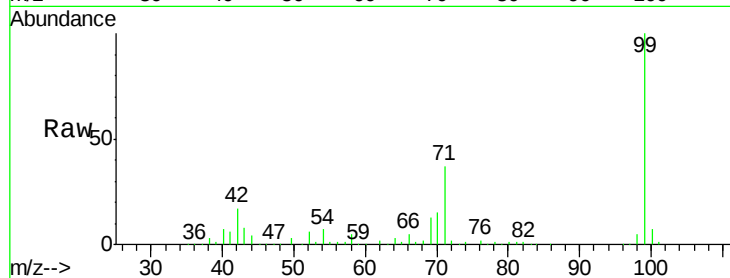
Tot Ion: 99 Resp: 441402

Ion Ratio Lower Upper

99 100

42 17.1 13.6 20.4

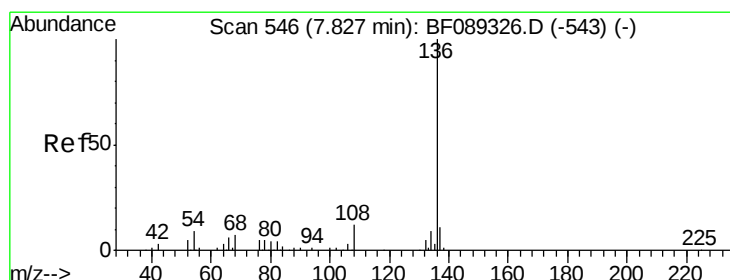
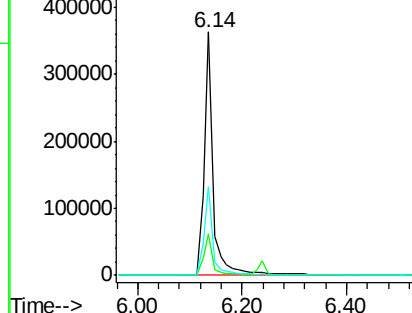
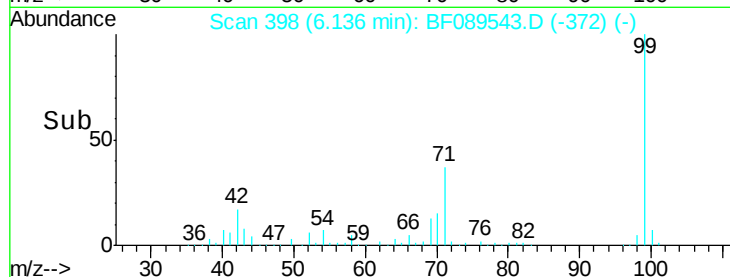
71 36.6 29.4 44.2



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: BF089543.D

Acq: 2 Aug 2016 13:14

Tgt Ion: 136 Resp: 175325

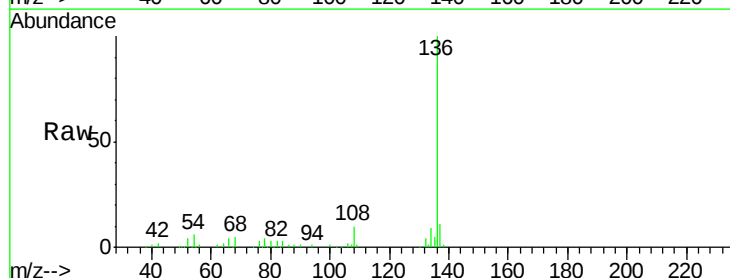
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 6.2 7.0 10.4

68 4.9 4.9 7.3

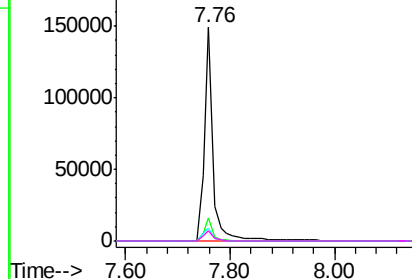
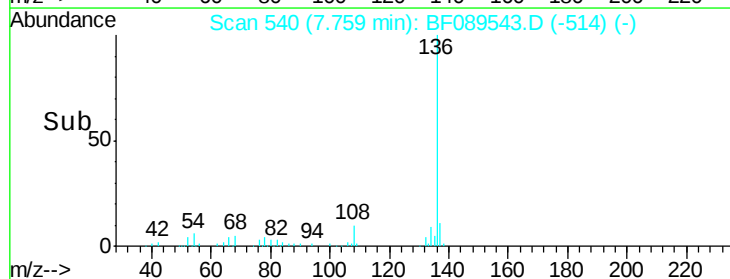


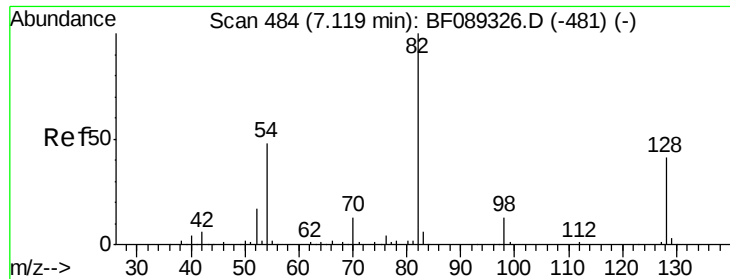
Abundance Ion 136.00 (135.70 to 136.70): E

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

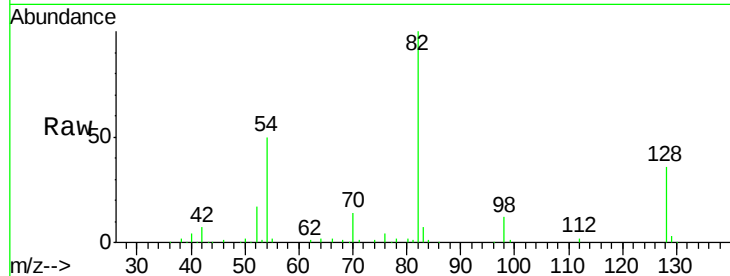




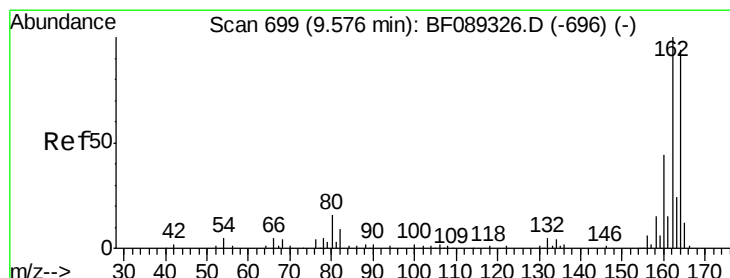
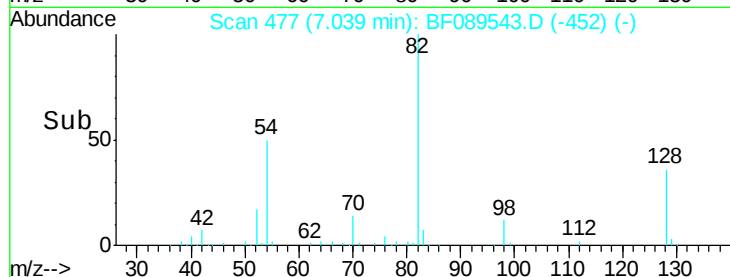
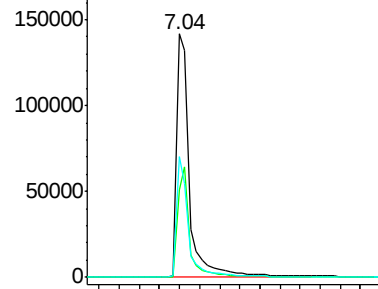
#23
 Nitrobenzene-d5
 Concen: 85.30 ng
 RT: 7.04 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF089543.D
 Acq: 2 Aug 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 PB92601BL

Tot Ion	82	Resp	253379
Ion Ratio	100	Lower	Upper
128	35.8	32.5	48.7
54	49.5	38.8	58.2

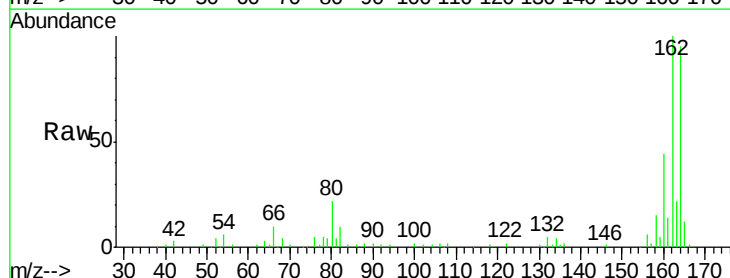


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

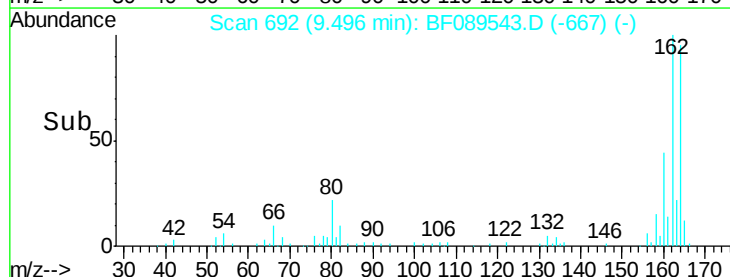
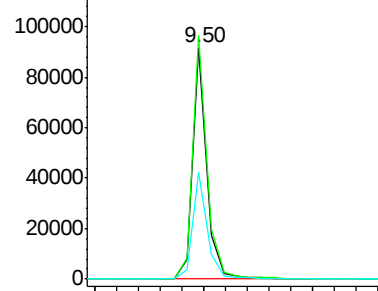


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF089543.D
 Acq: 2 Aug 2016 13:14

Tgt Ion	164	Resp	83884
Ion Ratio	100	Lower	Upper
162	105.5	83.7	125.5
160	46.1	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

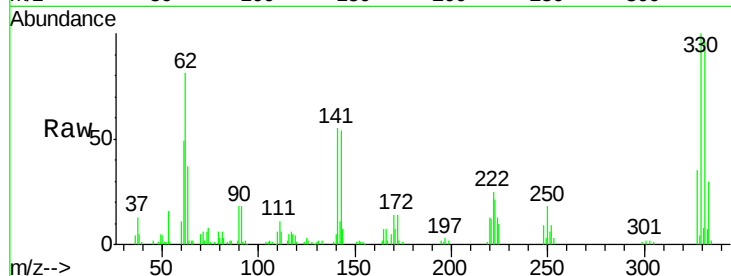




#41
 2,4,6-Tribromophenol
 Concen: 115.38 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF089543.D
 Acq: 2 Aug 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 PB92601BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.8	115.2
141	51.3	37.3	55.9

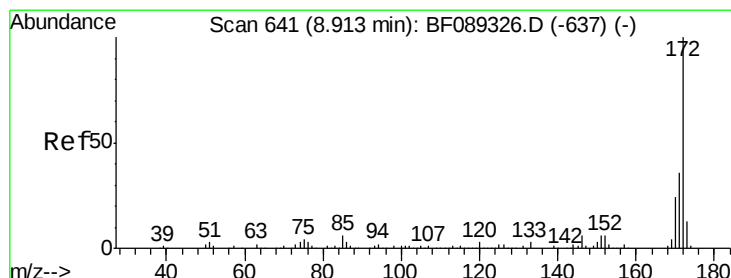
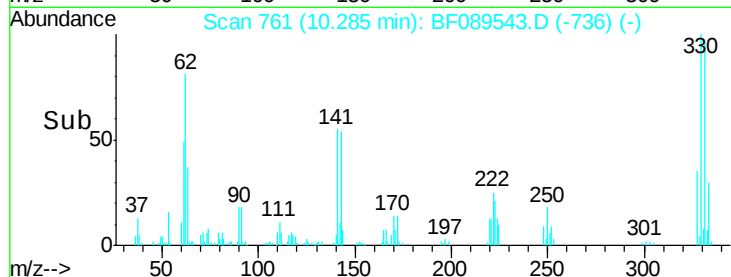
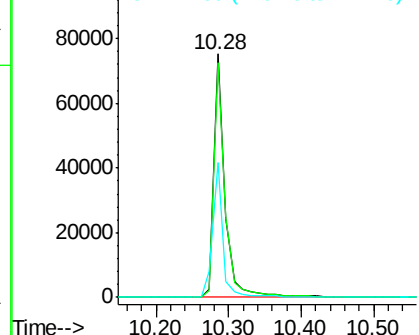


Abundance

Ion 329.80 (329.50 to 330.50): E

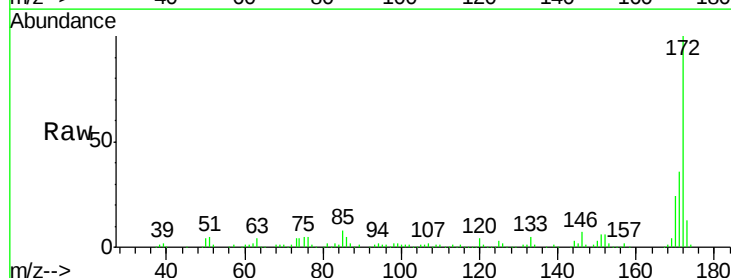
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.63 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF089543.D
 Acq: 2 Aug 2016 13:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	23.7	19.2	28.8

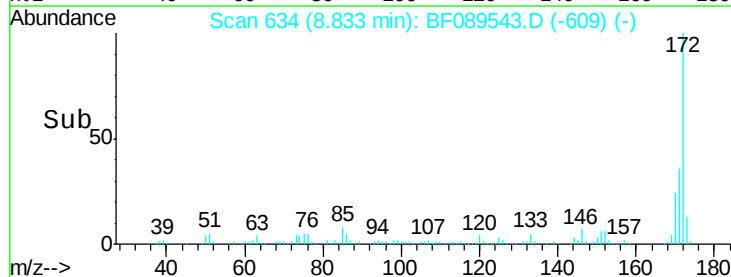
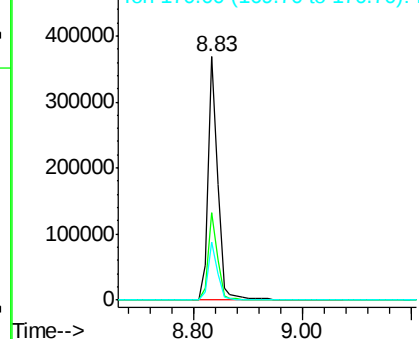


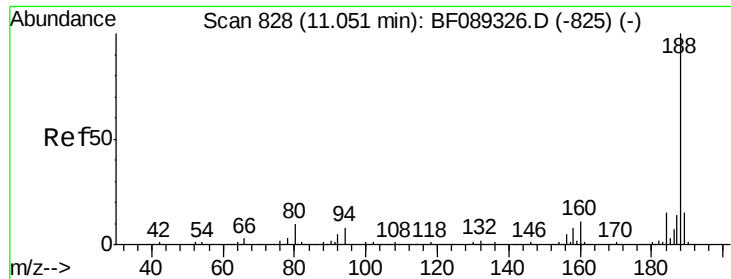
Abundance

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

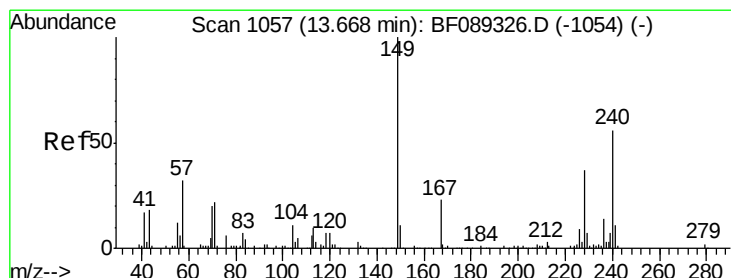
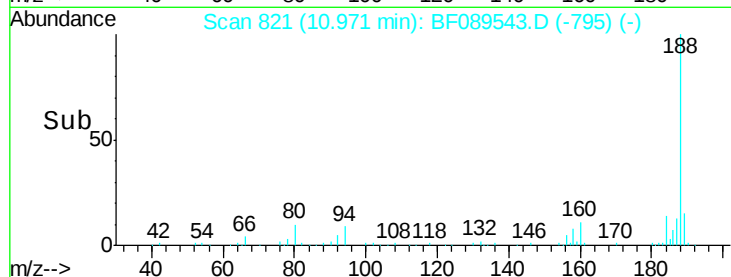
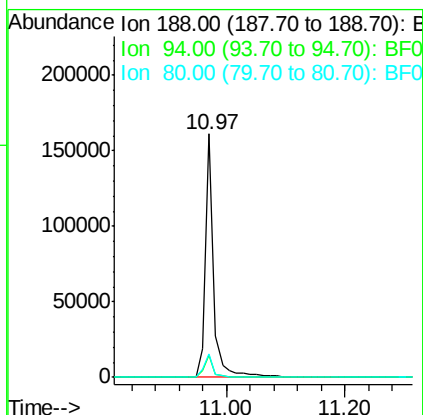
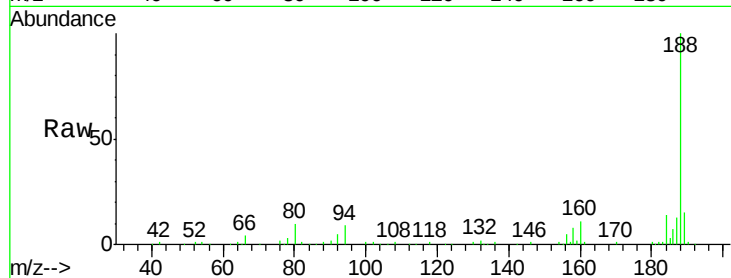




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF089543.D
Acq: 2 Aug 2016 13:14

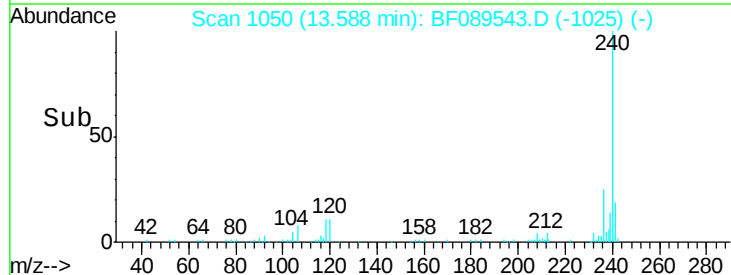
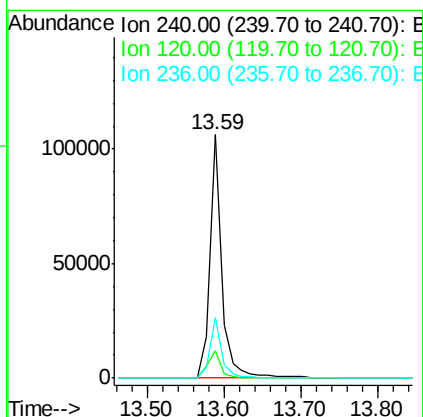
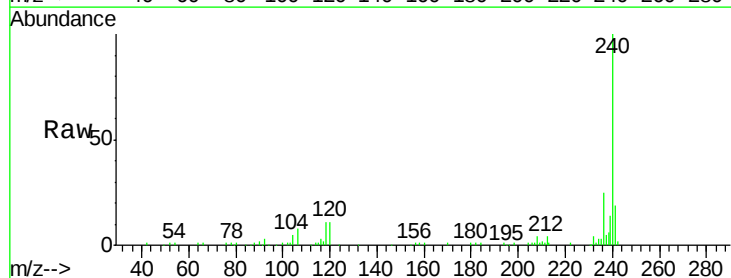
Instrument :
BNA_F
ClientSampleId :
PB92601BL

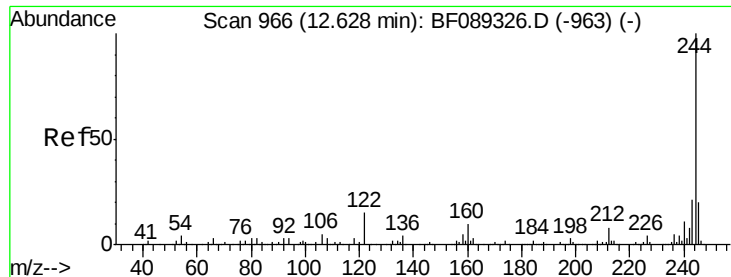
Tot Ion:188 Resp: 161272
Ion Ratio Lower Upper
188 100
94 9.1 6.5 9.7
80 9.7 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF089543.D
Acq: 2 Aug 2016 13:14

Tgt Ion:240 Resp: 113166
Ion Ratio Lower Upper
240 100
120 11.1 9.1 13.7
236 24.8 20.6 30.8

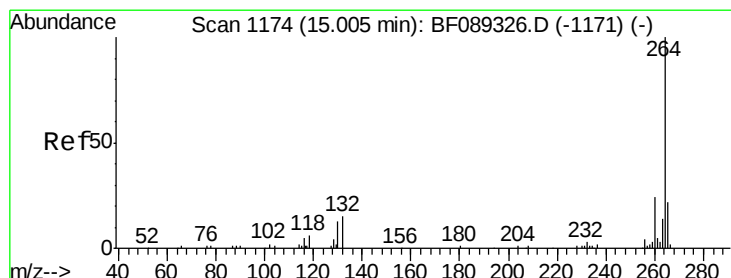
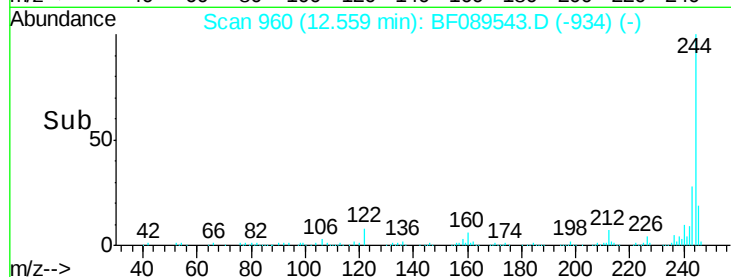
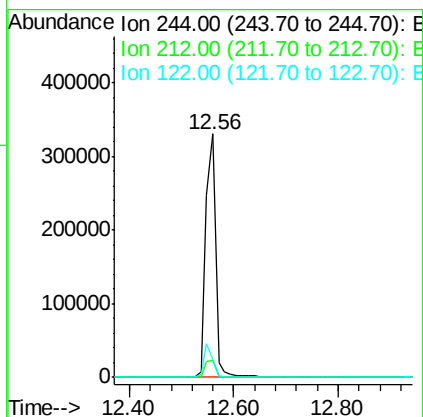
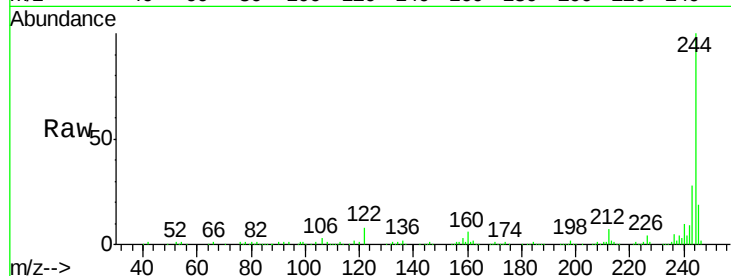




#78
 Terphenyl-d14
 Concen: 90.03 ng
 RT: 12.56 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF089543.D
 Acq: 2 Aug 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 PB92601BL

Tot Ion:244 Resp: 435299
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 7.5 11.4 17.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF089543.D
 Acq: 2 Aug 2016 13:14

Tgt Ion:264 Resp: 82317
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.5 17.5 26.3

