

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
 Data File : BF089536.D
 Acq On : 2 Aug 2016 3:55
 Operator : UM/SJ
 Sample : H4288-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-66-5.5-6.5

Quant Time: Aug 02 05:00:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 02:21:57 2016
 Response via : Initial Calibration

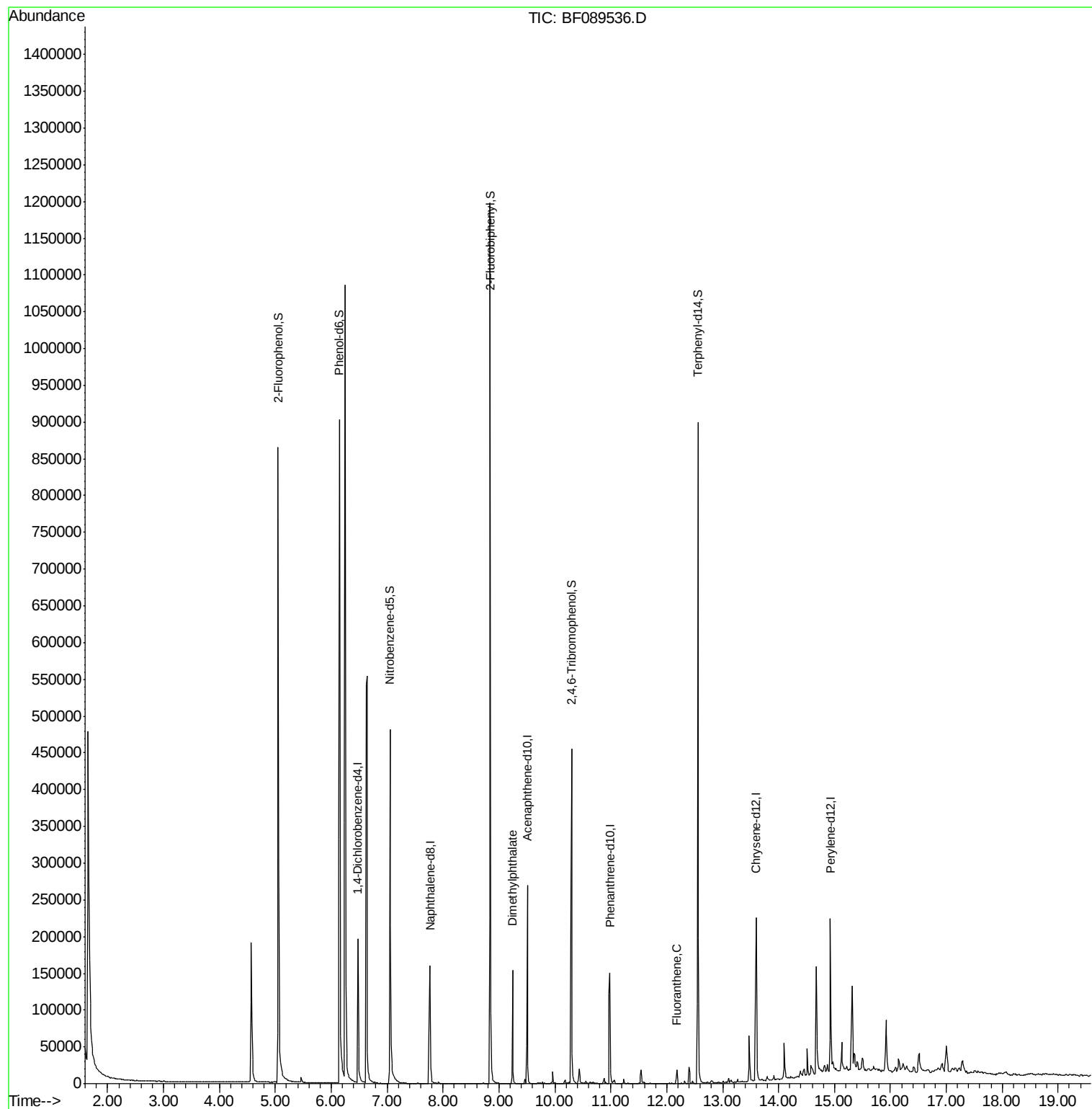
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	35788	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	124826	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	53182	20.00	ng	-0.01
63) Phenanthrene-d10	10.98	188	86841	20.00	ng	0.00
75) Chrysene-d12	13.60	240	90480	20.00	ng	-0.01
86) Perylene-d12	14.93	264	81822	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	292747	130.61	ng	0.01
7) Phenol-d6	6.15	99	401790	135.65	ng	0.00
23) Nitrobenzene-d5	7.05	82	220277	104.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	60467	137.28	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	367581	101.43	ng	-0.01
78) Terphenyl-d14	12.56	244	271887	70.33	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.24	163	59520	14.71	ng	Qvalue 100
74) Fluoranthene	12.18	202	10177	2.16	ng	98

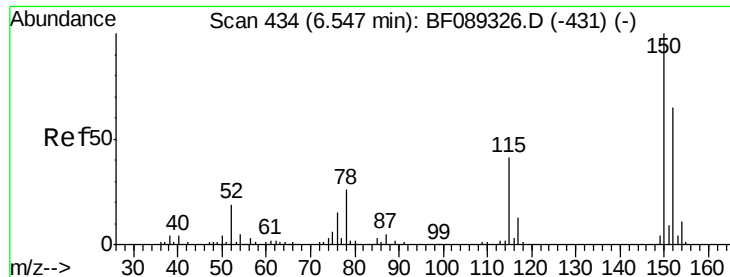
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-66-5.5-6.5

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QLast Update : Tue Aug 02 02:21:57 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF089536.D

Acq: 2 Aug 2016 3:55

Instrument :

BNA_F

ClientSampleId :

SB-66-5.5-6.5

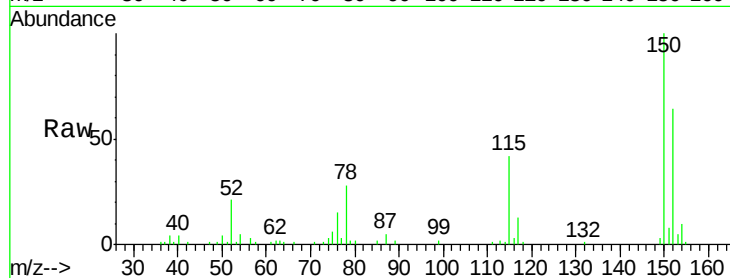
Tot Ion:152 Resp: 35788

Ion Ratio Lower Upper

152 100

150 157.1 129.5 194.3

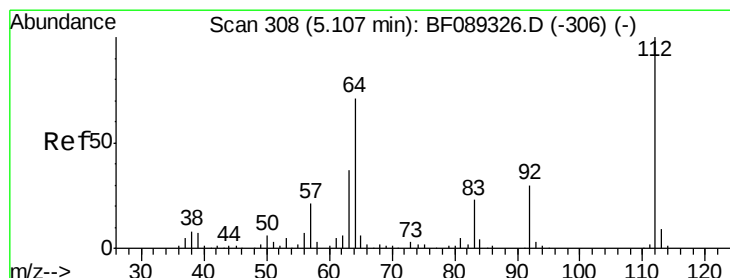
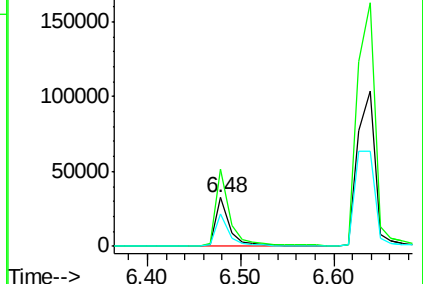
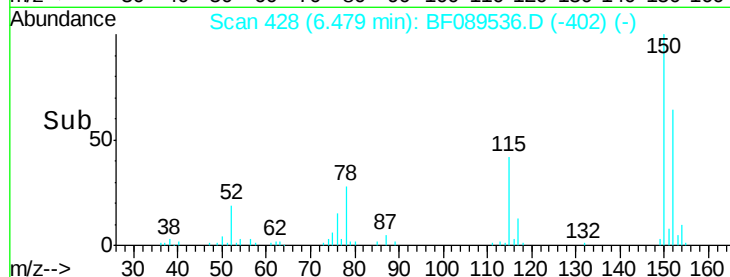
115 65.7 51.4 77.2



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: 130.61 ng

RT: 5.05 min Scan# 303

Delta R.T. 0.01 min

Lab File: BF089536.D

Acq: 2 Aug 2016 3:55

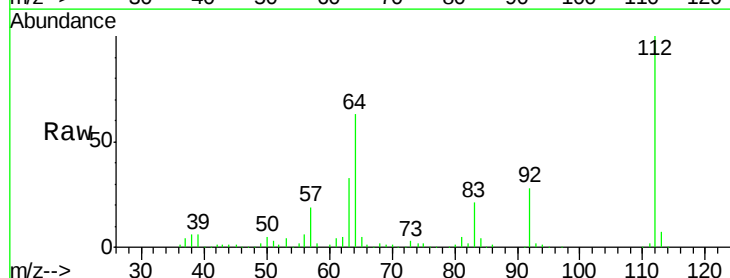
Tgt Ion:112 Resp: 292747

Ion Ratio Lower Upper

112 100

64 62.5 55.0 82.6

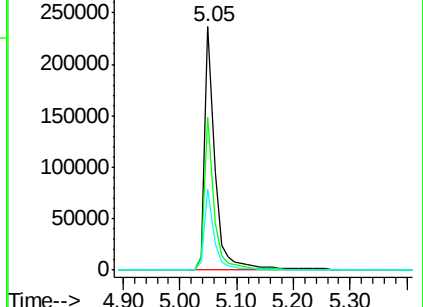
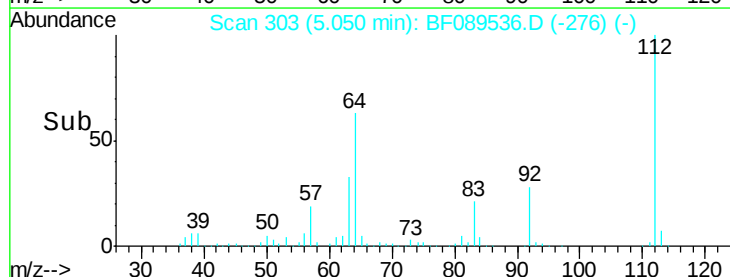
63 33.1 29.4 44.2



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: 135.65 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF089536.D

Acq: 2 Aug 2016 3:55

Instrument :

BNA_F

ClientSampleId :

SB-66-5.5-6.5

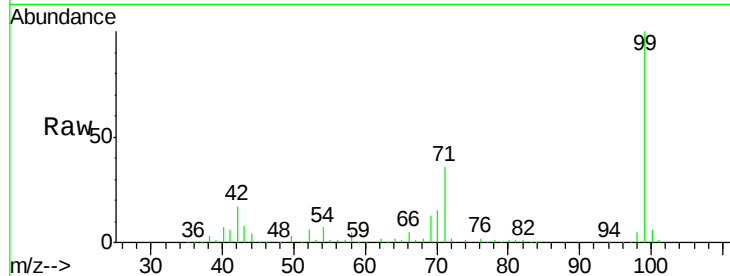
Tot Ion: 99 Resp: 401790

Ion Ratio Lower Upper

99 100

42 16.9 13.6 20.4

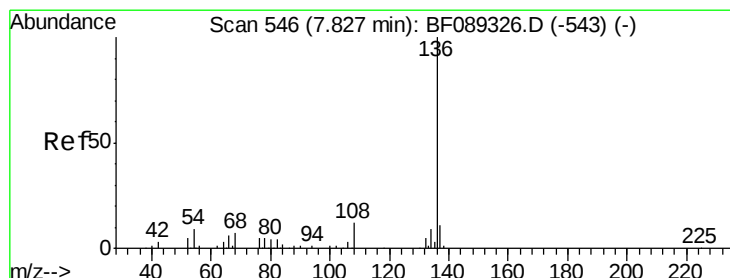
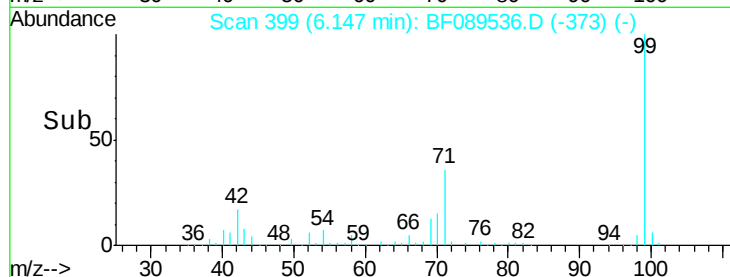
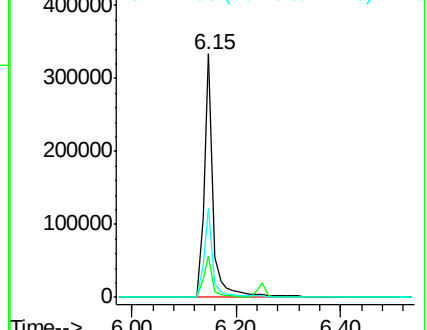
71 36.5 29.4 44.2



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: 7.77 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF089536.D

Acq: 2 Aug 2016 3:55

Tgt Ion: 136 Resp: 124826

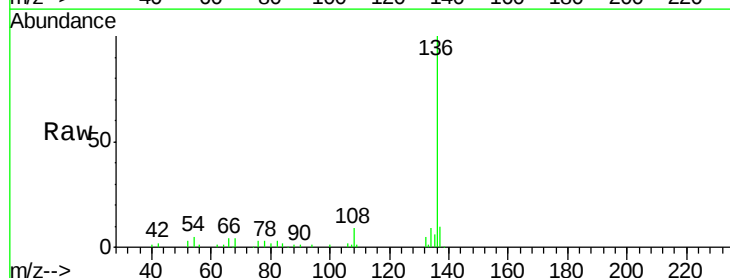
Ion Ratio Lower Upper

136 100

137 10.2 8.6 13.0

54 4.9 7.0 10.4#

68 4.3 4.9 7.3#

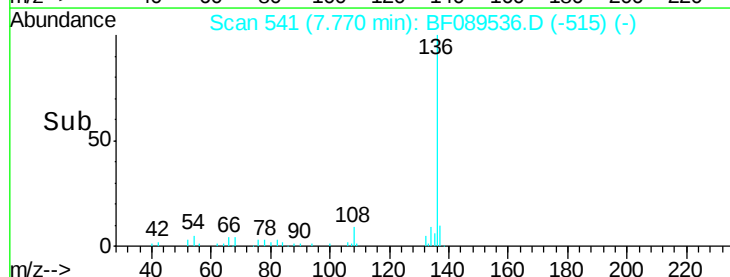
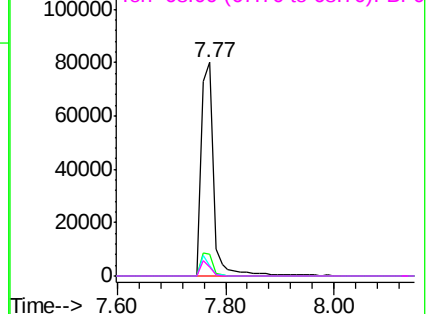


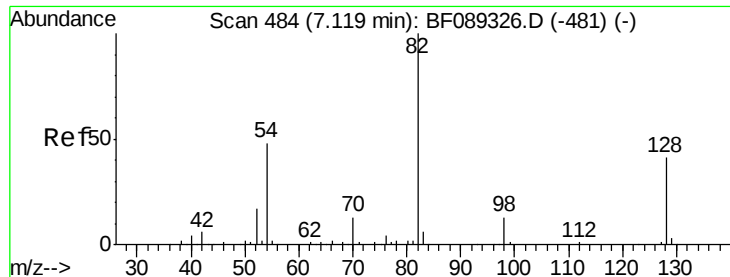
Abundance Ion 136.00 (135.70 to 136.70): E

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

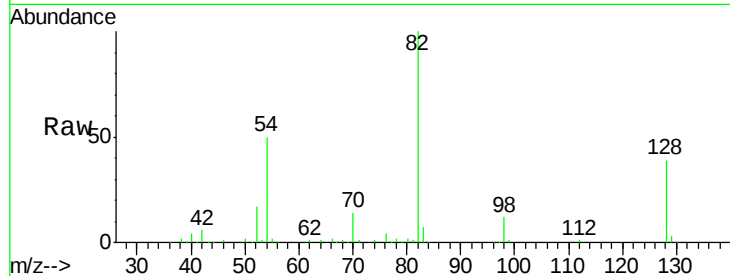




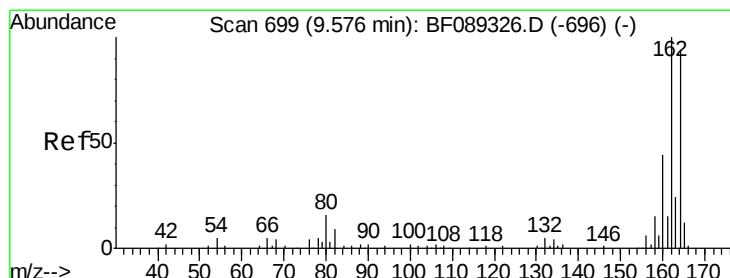
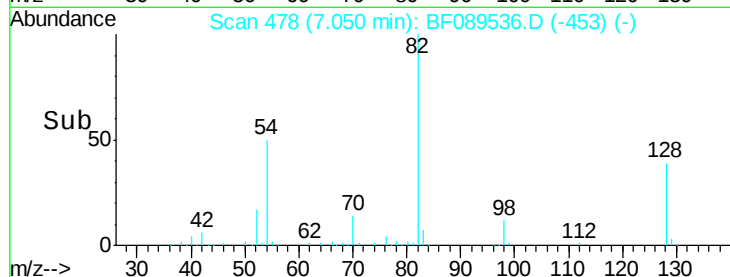
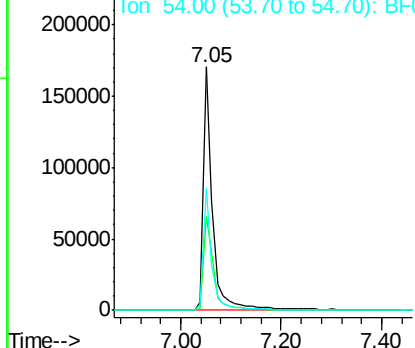
#23
 Nitrobenzene-d5
 Concen: 104.16 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF089536.D
 Acq: 2 Aug 2016 3:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-66-5.5-6.5

Tot Ion	82	Resp	220277
Ion Ratio	100	Lower	Upper
128	38.6	32.5	48.7
54	50.3	38.8	58.2

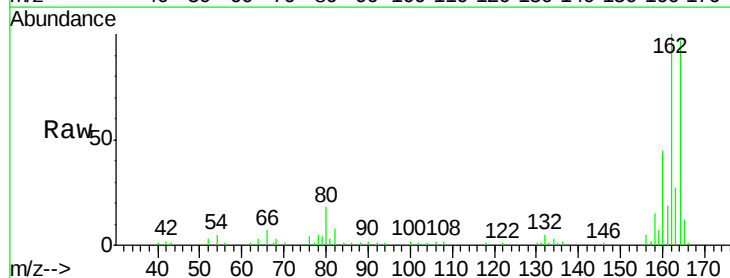


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

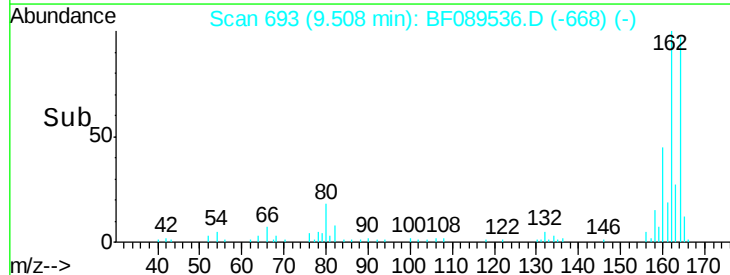
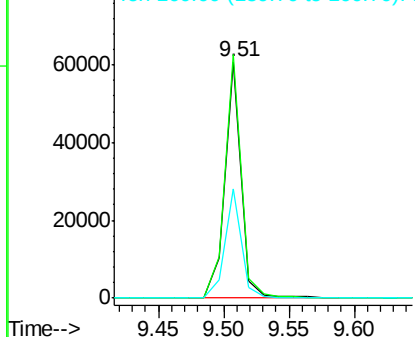


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF089536.D
 Acq: 2 Aug 2016 3:55

Tgt Ion	164	Resp	53182
Ion Ratio	100	Lower	Upper
162	103.1	83.7	125.5
160	46.4	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

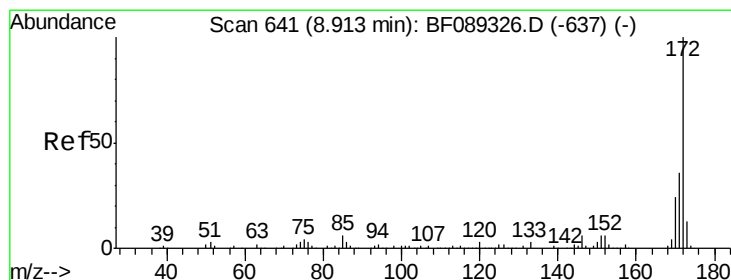
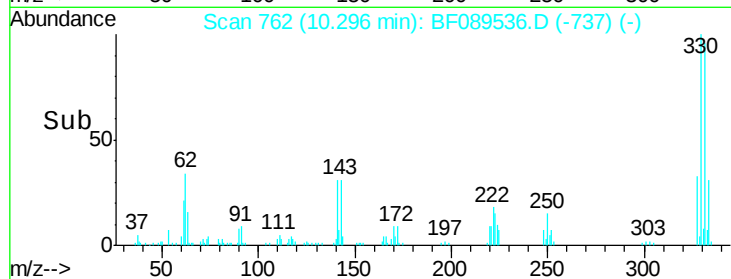
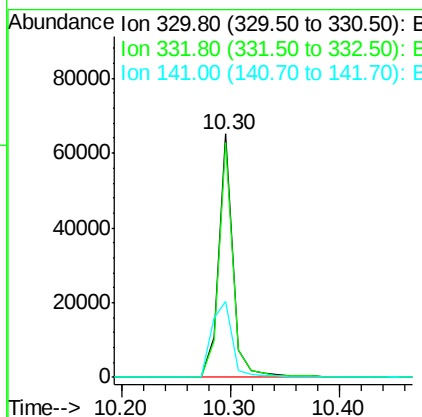
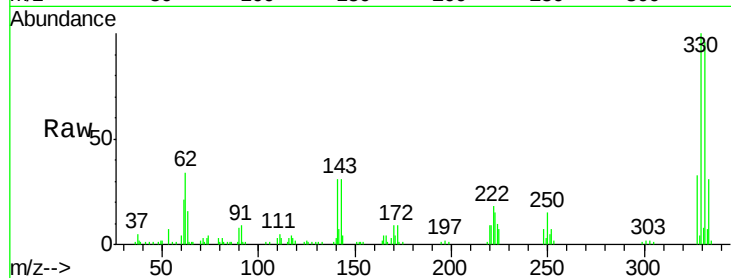




#41
 2,4,6-Tribromophenol
 Concen: 137.28 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF089536.D
 Acq: 2 Aug 2016 3:55

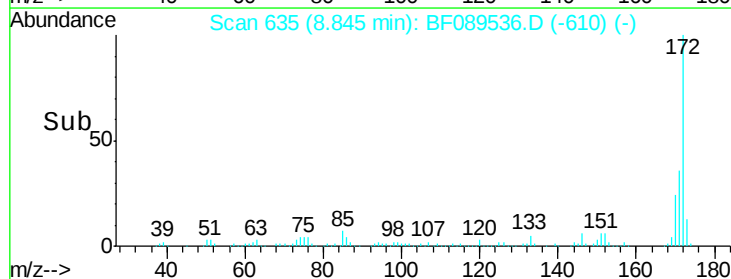
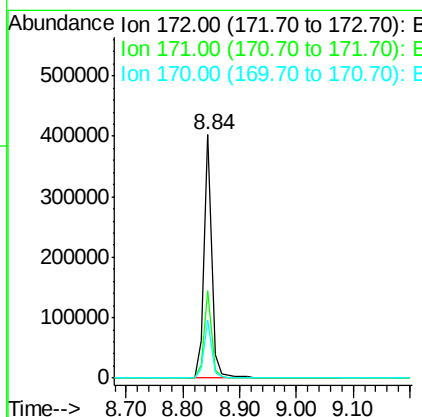
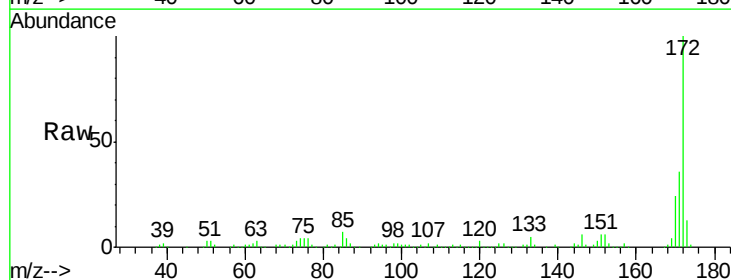
Instrument :
 BNA_F
 ClientSampleId :
 SB-66-5.5-6.5

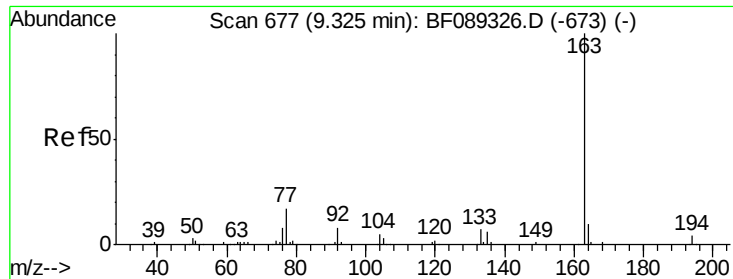
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.8	115.2
141	45.0	37.3	55.9



#44
 2-Fluorobiphenyl
 Concen: 101.43 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF089536.D
 Acq: 2 Aug 2016 3:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	23.9	19.2	28.8

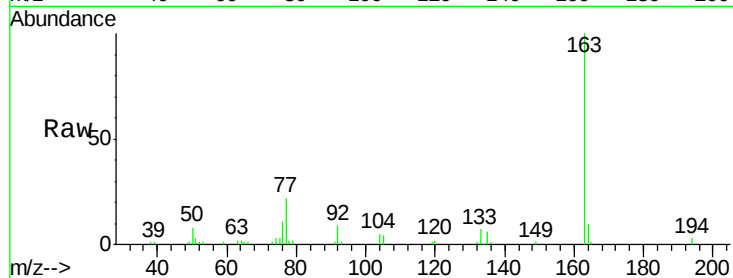




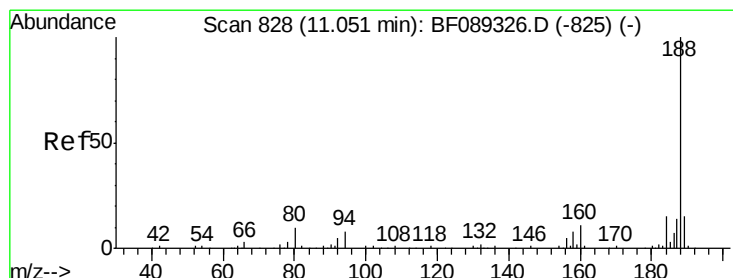
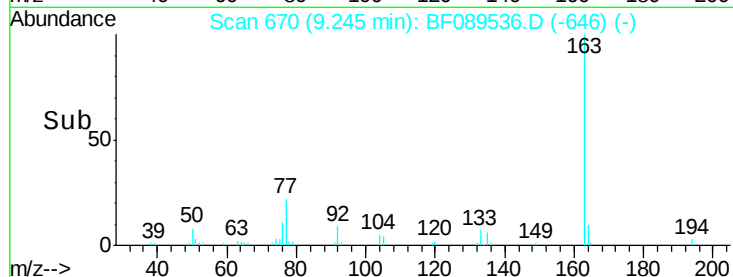
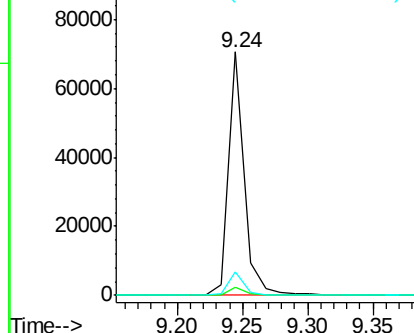
#49
Dimethylphthalate
Concen: 14.71 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF089536.D
Acq: 2 Aug 2016 3:55

Instrument :
BNA_F
ClientSampleId :
SB-66-5.5-6.5

Tot Ion:163 Resp: 59520
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 9.9 7.8 11.8

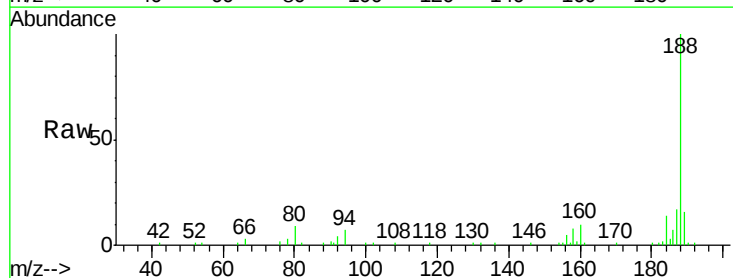


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

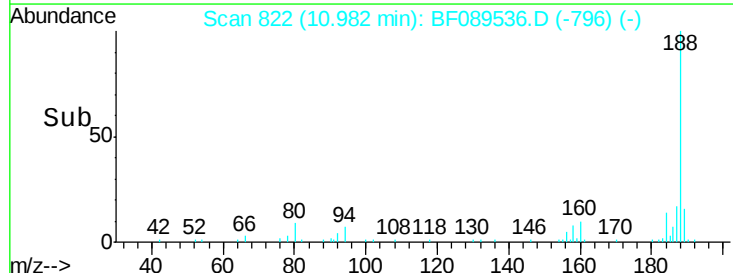
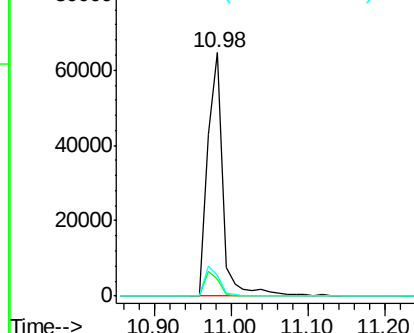


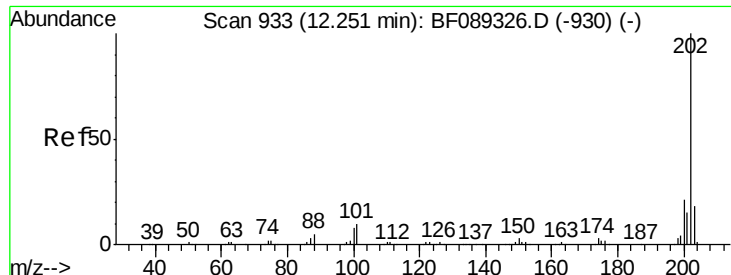
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF089536.D
Acq: 2 Aug 2016 3:55

Tgt Ion:188 Resp: 86841
Ion Ratio Lower Upper
188 100
94 7.1 6.5 9.7
80 8.7 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

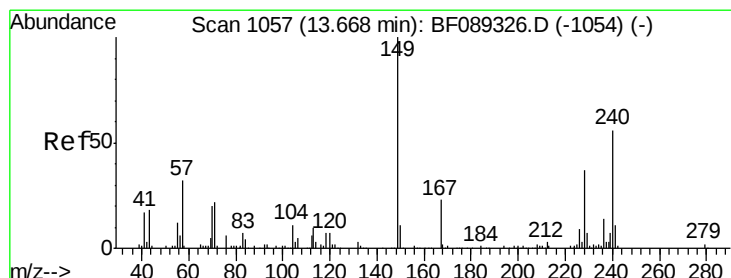
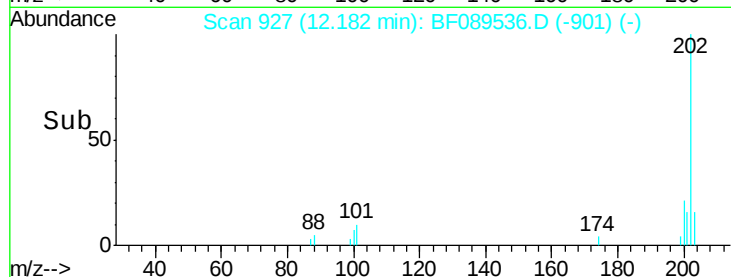
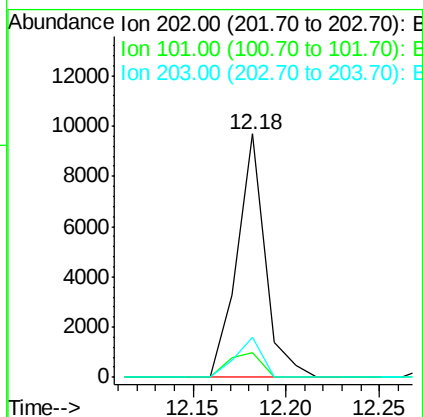
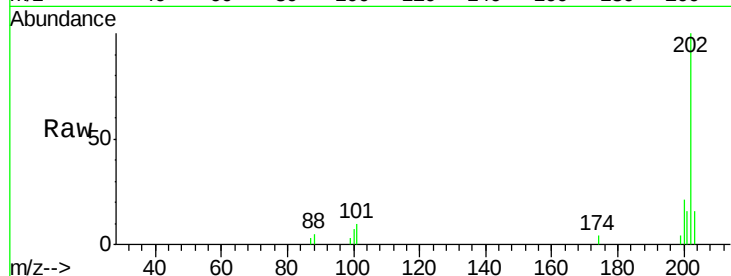




#74
 Fluoranthene
 Concen: 2.16 ng
 RT: 12.18 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF089536.D
 Acq: 2 Aug 2016 3:55

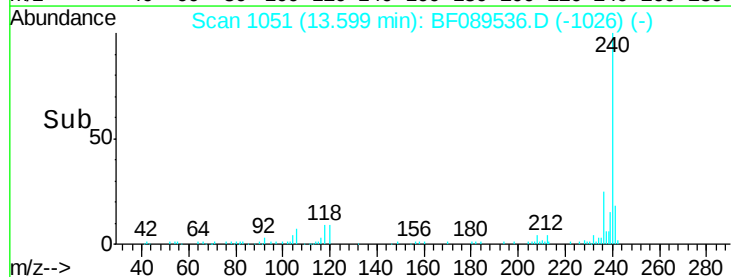
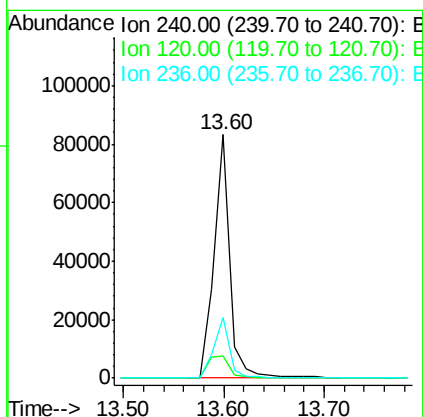
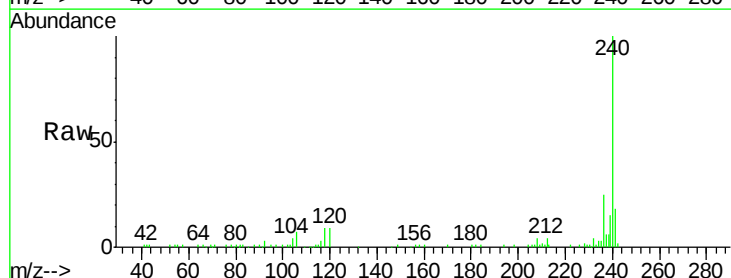
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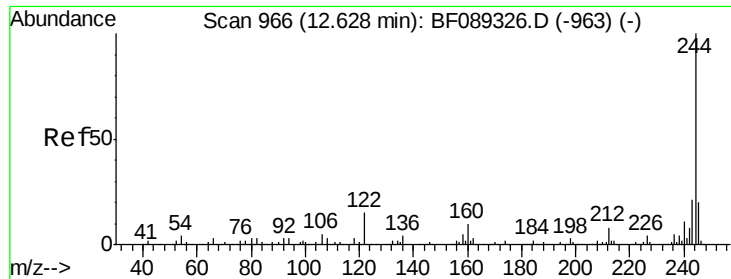
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	29.9
203	16.3	0.0	37.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF089536.D
 Acq: 2 Aug 2016 3:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.1	13.7#
236	24.9	20.6	30.8

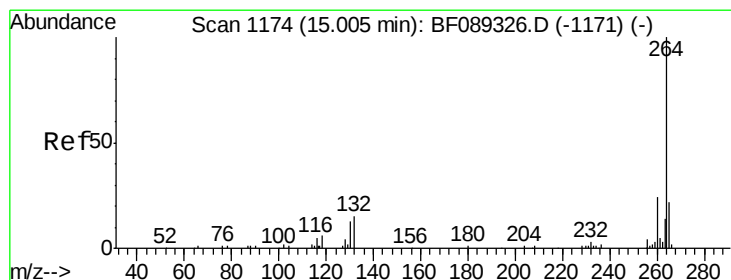
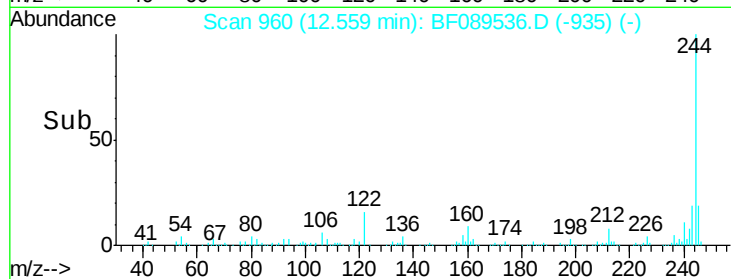
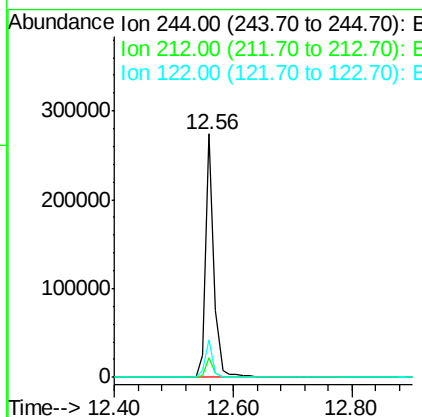
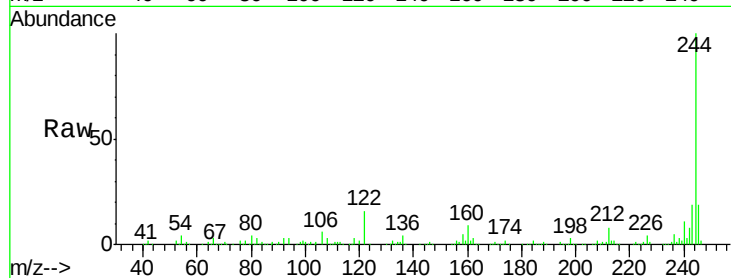




#78
 Terphenyl-d14
 Concen: 70.33 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF089536.D
 Acq: 2 Aug 2016 3:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-66-5.5-6.5

Tot Ion:244 Resp: 271887
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 15.6 11.4 17.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.93 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF089536.D
 Acq: 2 Aug 2016 3:55

Tgt Ion:264 Resp: 81822
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 21.8 17.5 26.3

