

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
 Data File : BF085360.D
 Acq On : 11 Mar 2016 4:08
 Operator : UM/SJ
 Sample : H1731-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

Quant Time: Mar 11 04:56:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 02:49:26 2016
 Response via : Initial Calibration

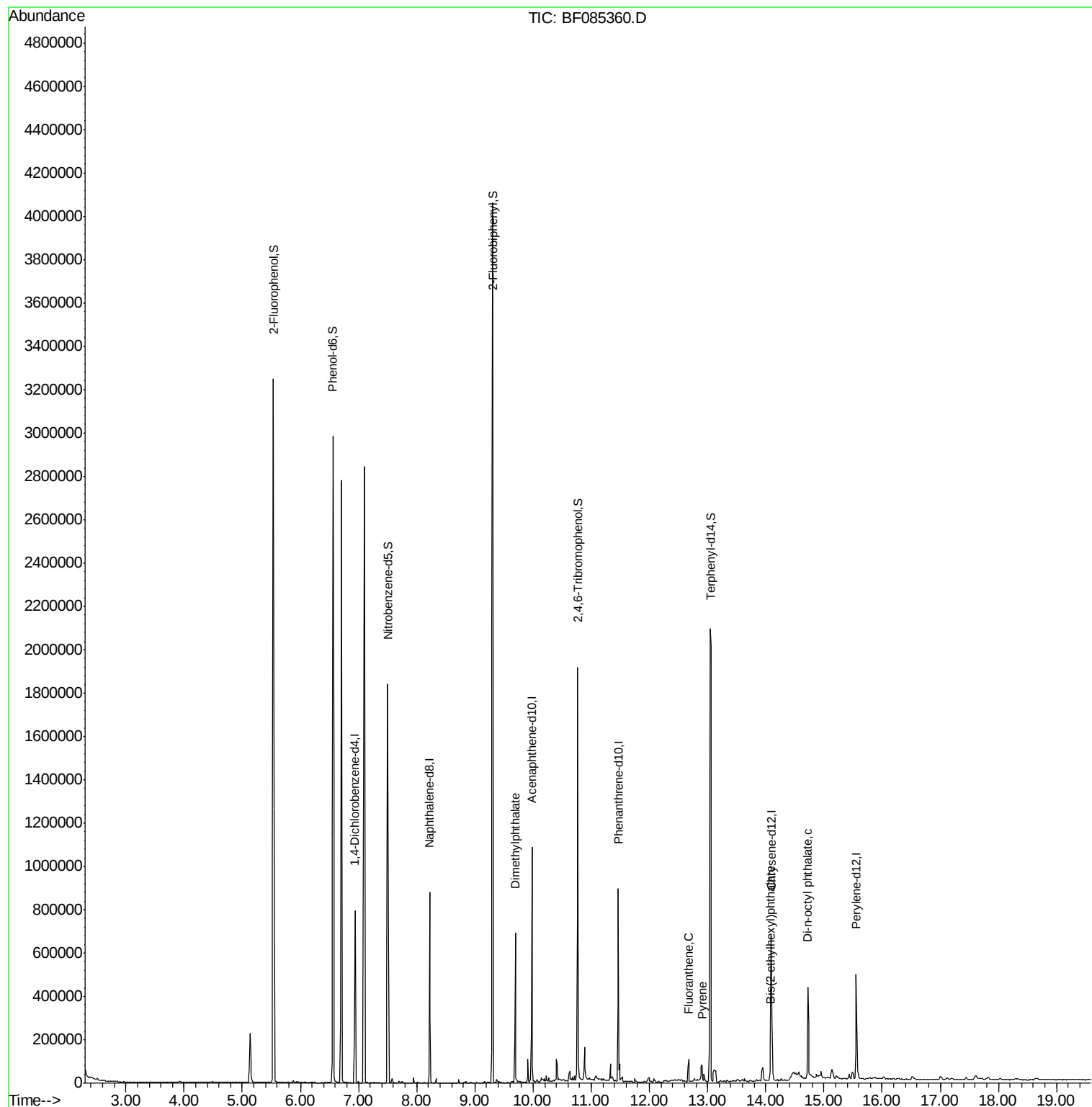
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	122617	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	426678	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	204526	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	354290	20.00	ng	0.00
75) Chrysene-d12	14.09	240	230352	20.00	ng	-0.01
86) Perylene-d12	15.56	264	223315	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1189689	162.75	ng	-0.01
7) Phenol-d6	6.56	99	1503692	157.01	ng	-0.01
23) Nitrobenzene-d5	7.50	82	743747	93.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.77	330	244044	139.45	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1494653	111.14	ng	0.00
78) Terphenyl-d14	13.05	244	1003972	101.18	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.69	163	290092	18.48	ng	99
74) Fluoranthene	12.68	202	55930	3.00	ng	94
77) Pyrene	12.90	202	44899	2.59	ng	95
83) Bis(2-ethylhexyl)phthalate	14.08	149	23135	2.23	ng	# 99
84) Di-n-octyl phthalate	14.72	149	52243	3.31	ng	# 64

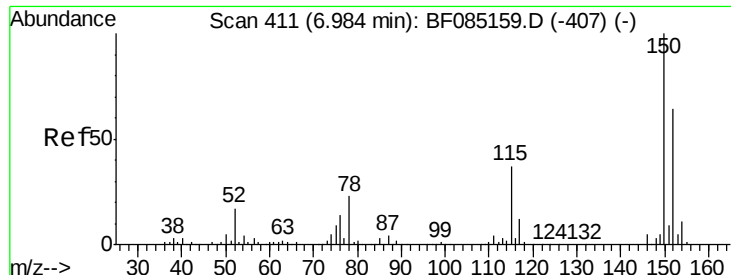
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

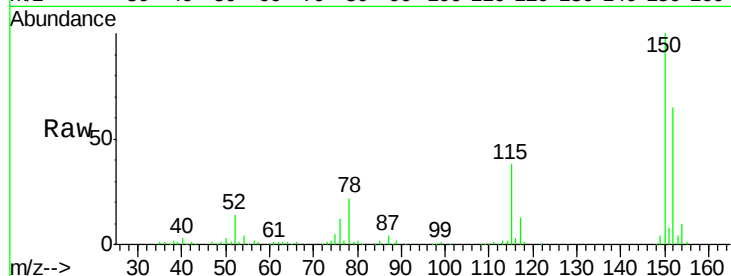




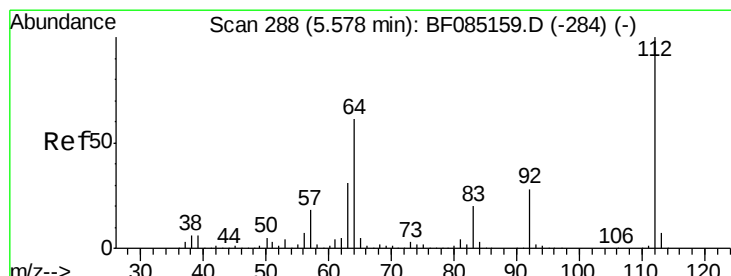
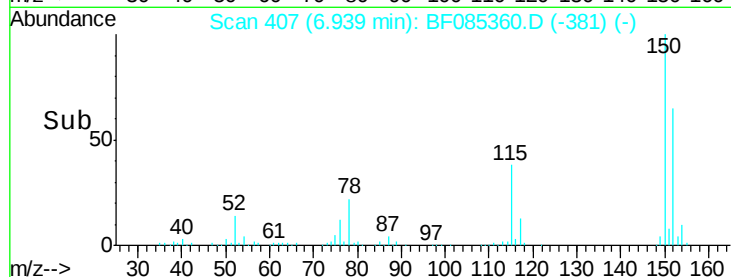
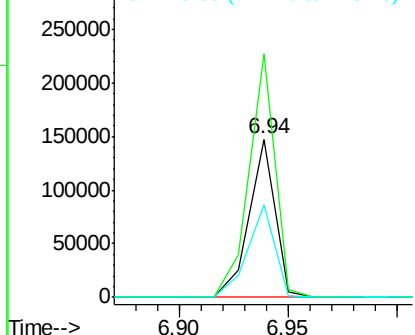
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: BF085360.D
 Acq: 11 Mar 2016 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

Tgt Ion:152 Resp: 122617
 Ion Ratio Lower Upper
 152 100
 150 153.7 124.6 186.8
 115 58.2 46.6 70.0

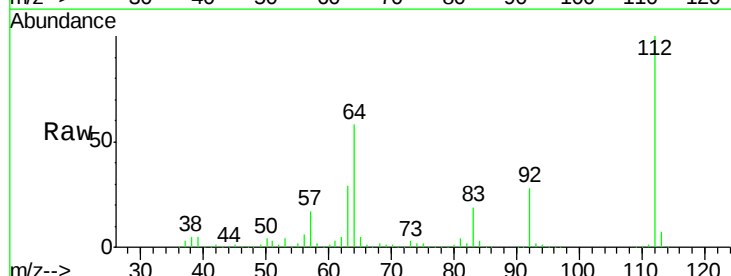


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

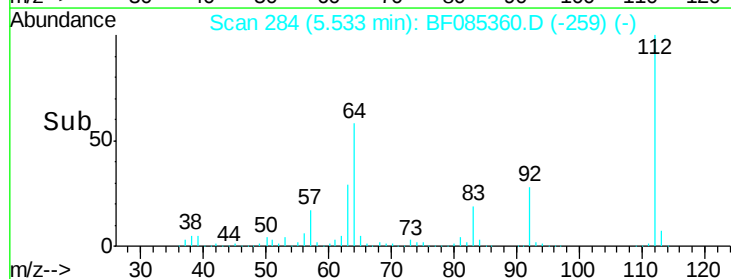
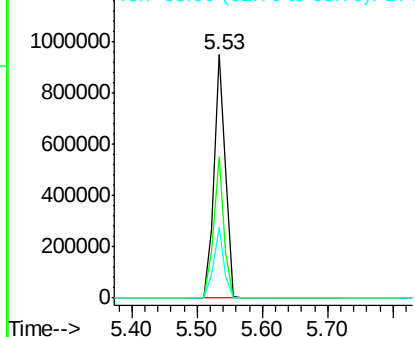


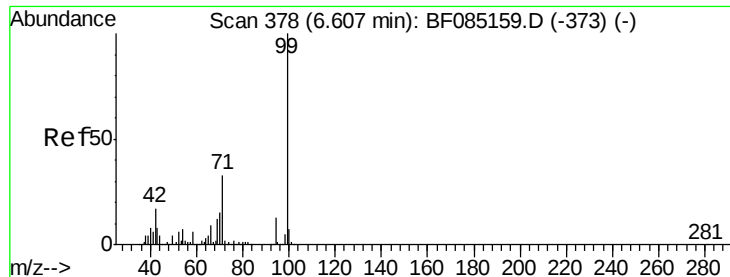
#5
 2-Fluorophenol
 Concen: 162.75 ng
 RT: 5.53 min Scan# 284
 Delta R.T. -0.01 min
 Lab File: BF085360.D
 Acq: 11 Mar 2016 4:08

Tgt Ion:112 Resp: 1189689
 Ion Ratio Lower Upper
 112 100
 64 58.2 49.0 73.4
 63 29.3 24.8 37.2



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: 157.01 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF085360.D

Acq: 11 Mar 2016 4:08

Instrument :

BNA_F

ClientSampleId :

SB-18-COMP

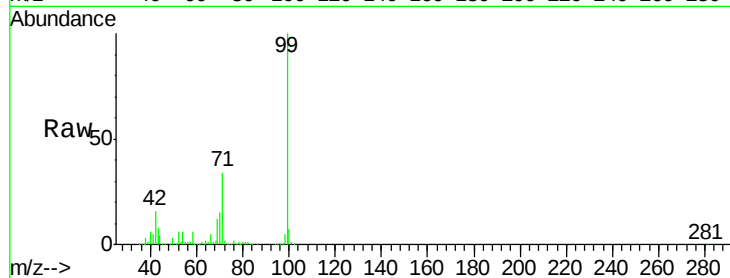
Tgt Ion: 99 Resp: 1503692

Ion Ratio Lower Upper

99 100

42 16.0 13.6 20.4

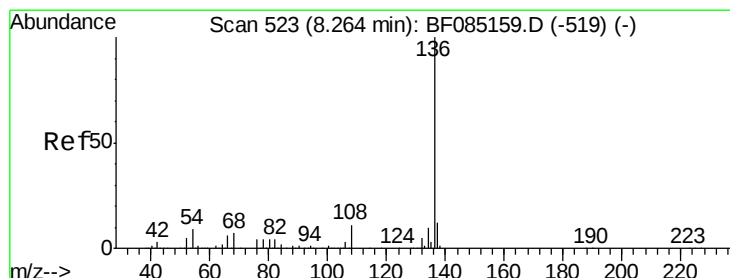
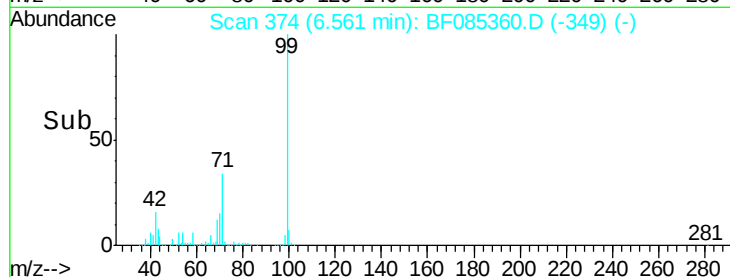
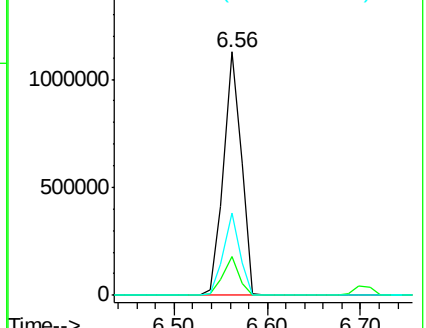
71 33.6 26.7 40.1



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: 8.22 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF085360.D

Acq: 11 Mar 2016 4:08

Tgt Ion: 136 Resp: 426678

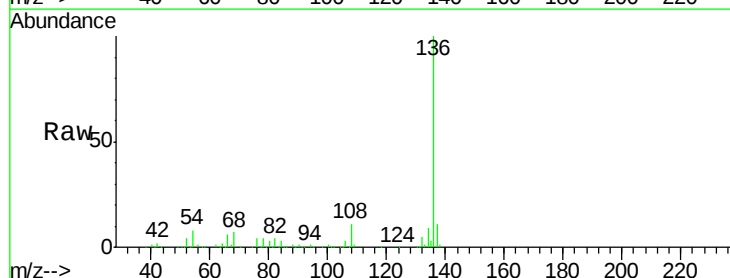
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 8.4 7.4 11.2

68 7.0 6.0 9.0

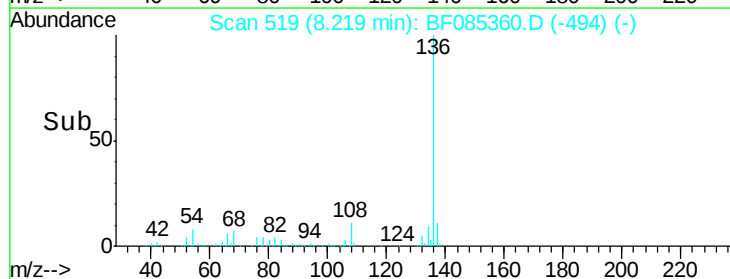
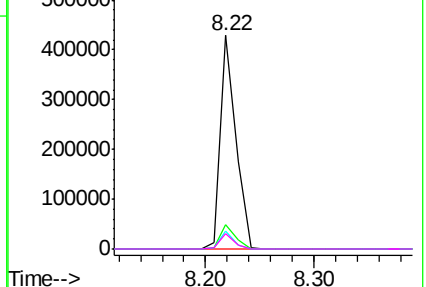


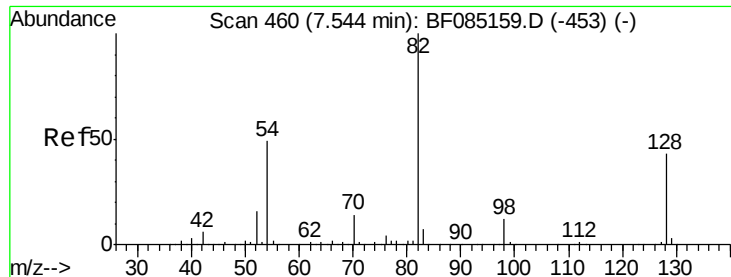
Abundance Ion 136.00 (135.70 to 136.70): E

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

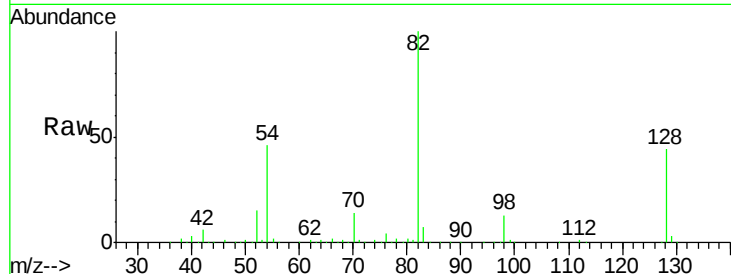




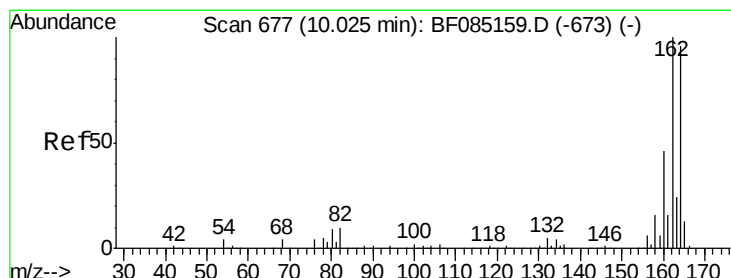
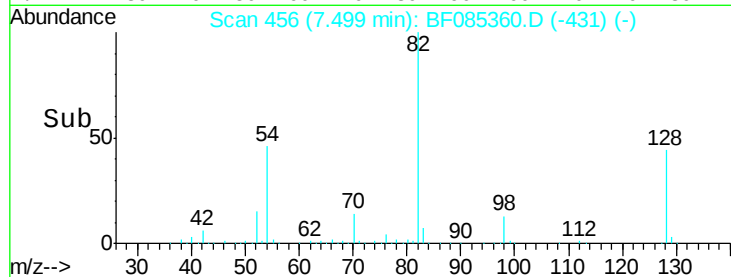
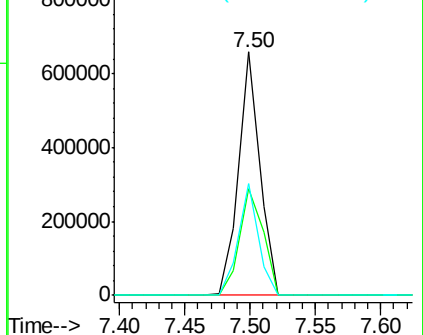
#23
 Nitrobenzene-d5
 Concen: 93.28 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF085360.D
 Acq: 11 Mar 2016 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.5	51.7
54	46.1	39.3	58.9

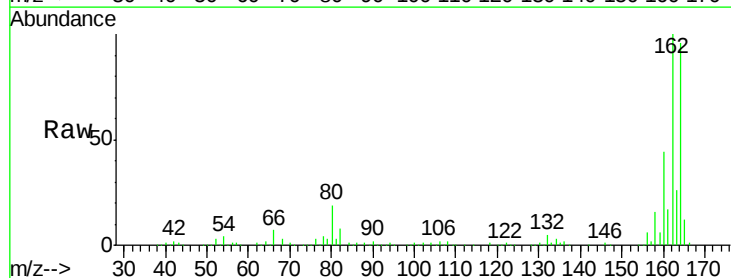


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

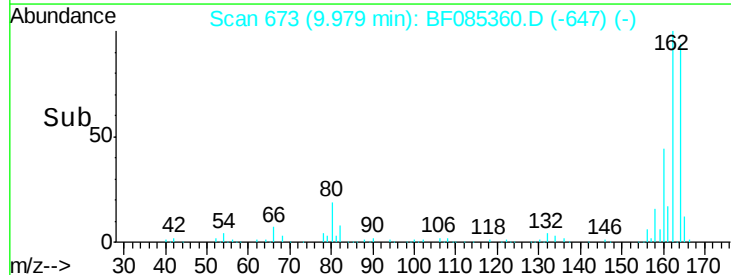
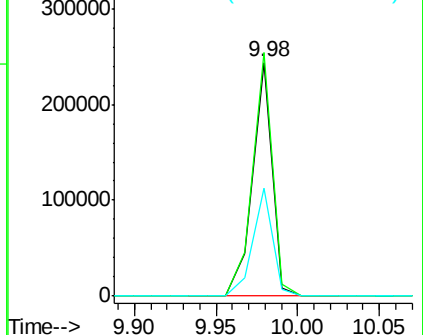


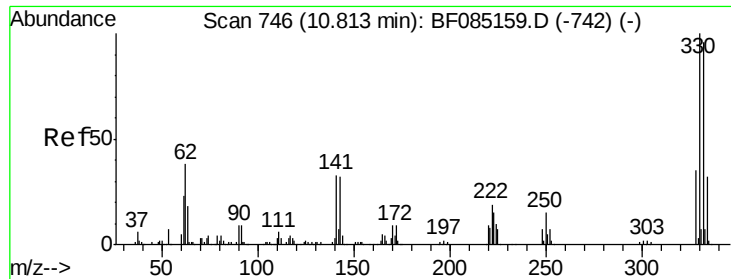
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF085360.D
 Acq: 11 Mar 2016 4:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.3	124.9
160	46.0	37.9	56.9



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

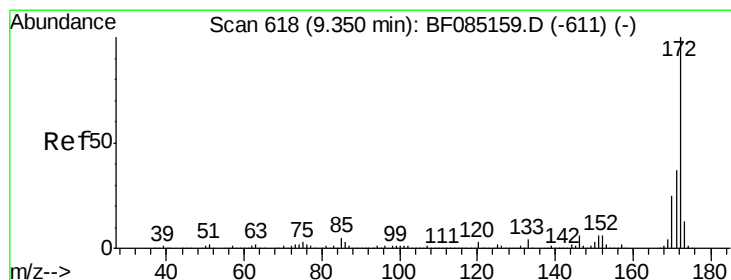
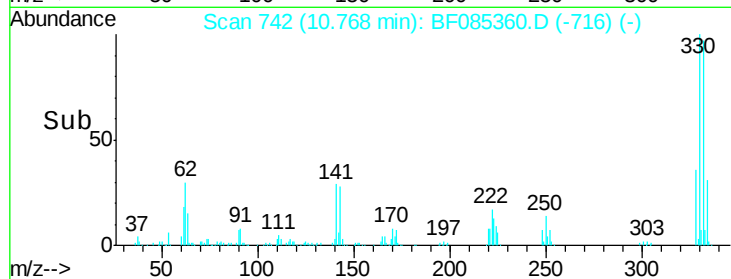
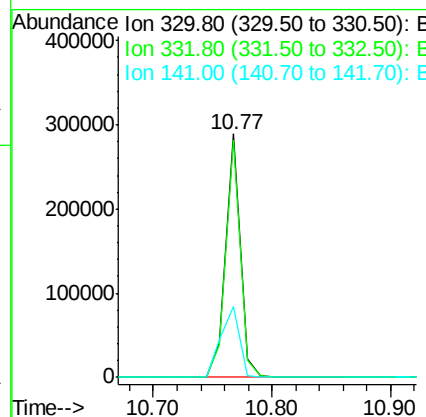
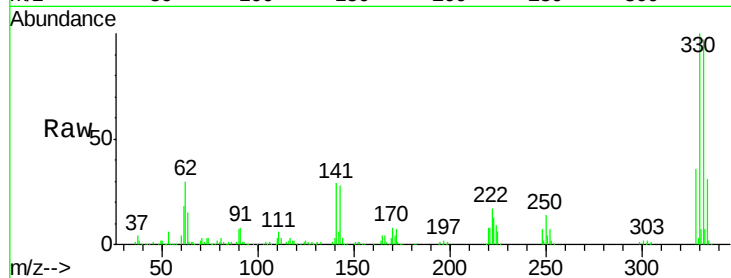




#41
 2,4,6-Tribromophenol
 Concen: 139.45 ng
 RT: 10.77 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF085360.D
 Acq: 11 Mar 2016 4:08

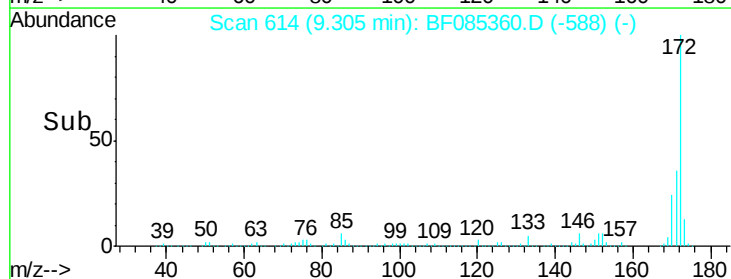
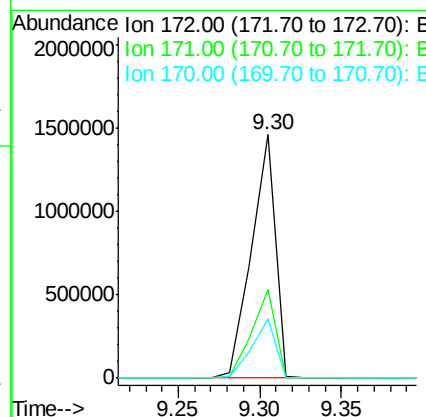
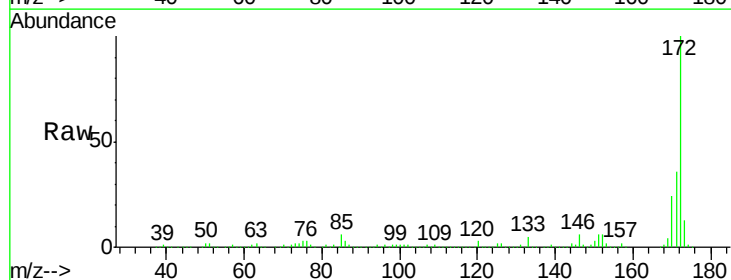
Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

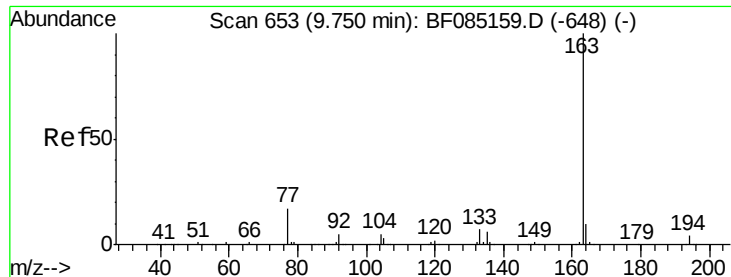
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	37.3	35.0	52.6



#44
 2-Fluorobiphenyl
 Concen: 111.14 ng
 RT: 9.30 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085360.D
 Acq: 11 Mar 2016 4:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.3	43.9
170	24.4	20.0	30.0





#49

Dimethylphthalate

Concen: 18.48 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF085360.D

Acq: 11 Mar 2016 4:08

Instrument :

BNA_F

ClientSampleId :

SB-18-COMP

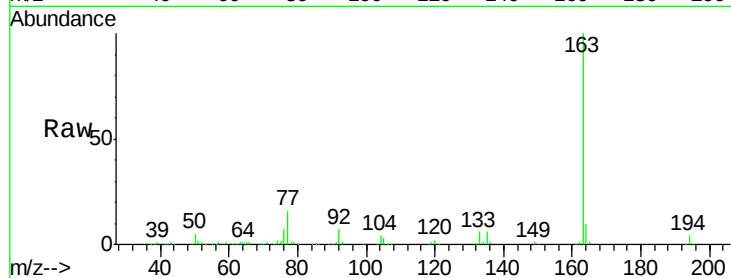
Tgt Ion:163 Resp: 290092

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

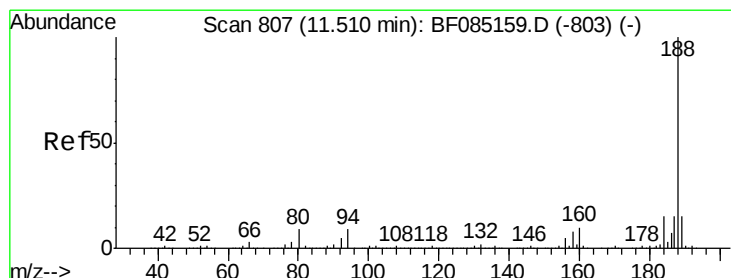
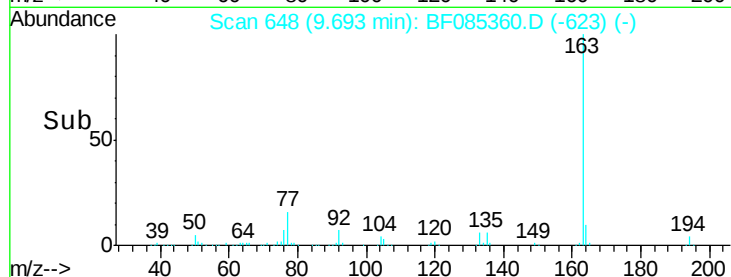
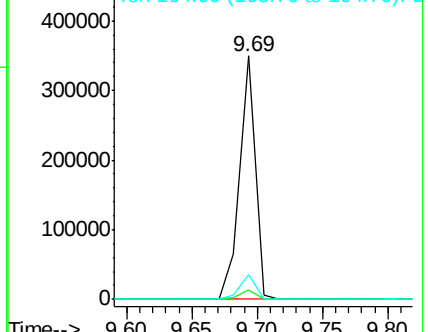
164 9.9 8.2 12.4



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: 11.46 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF085360.D

Acq: 11 Mar 2016 4:08

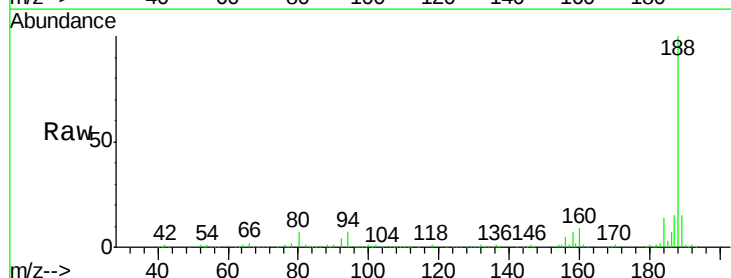
Tgt Ion:188 Resp: 354290

Ion Ratio Lower Upper

188 100

94 7.2 7.0 10.6

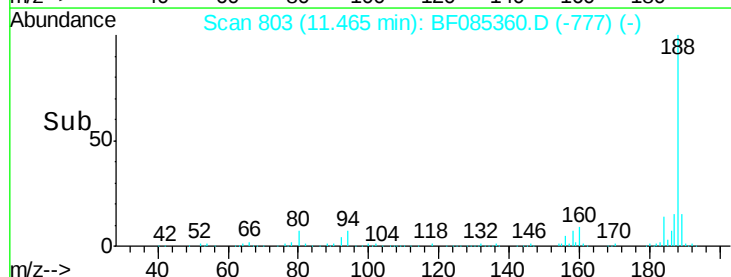
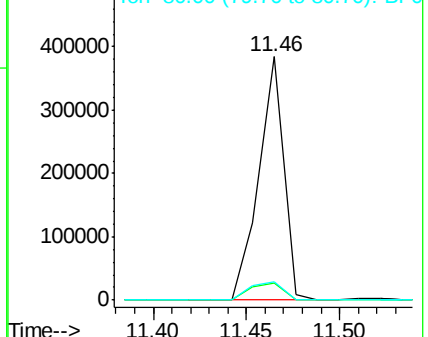
80 7.5 7.4 11.0

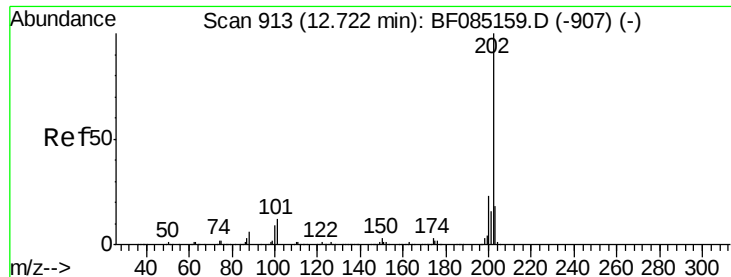


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 3.00 ng

RT: 12.68 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF085360.D

Acq: 11 Mar 2016 4:08

Instrument :

BNA_F

ClientSampleId :

SB-18-COMP

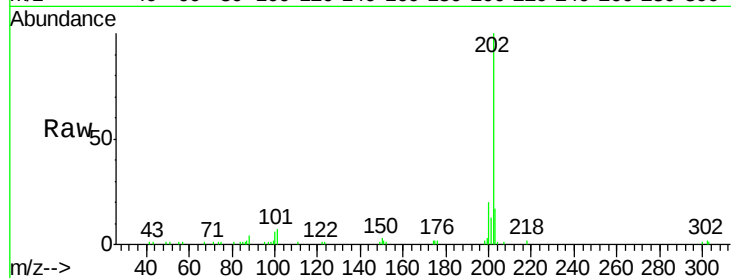
Tgt Ion:202 Resp: 55930

Ion Ratio Lower Upper

202 100

101 7.2 0.0 31.8

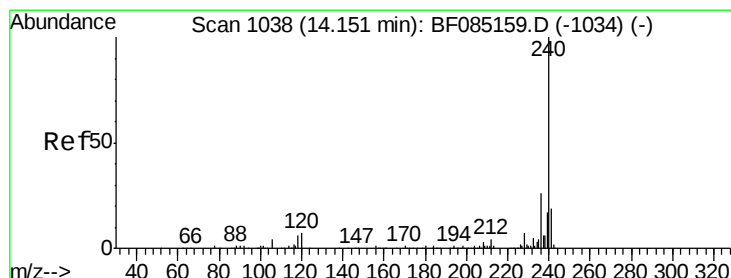
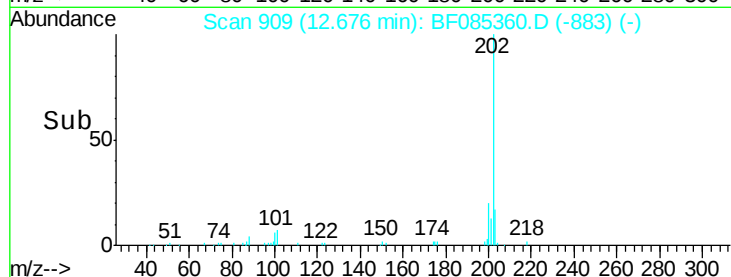
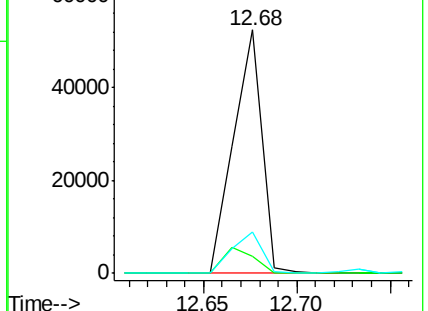
203 17.1 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF085360.D

Acq: 11 Mar 2016 4:08

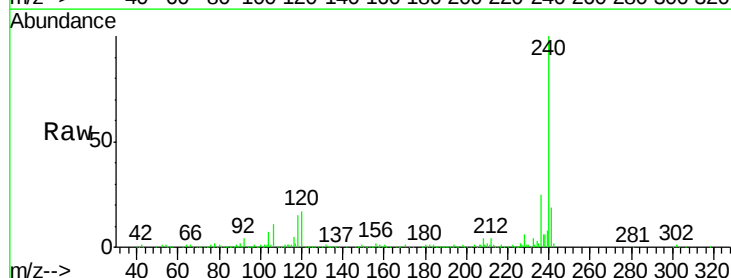
Tgt Ion:240 Resp: 230352

Ion Ratio Lower Upper

240 100

120 16.7 5.3 7.9#

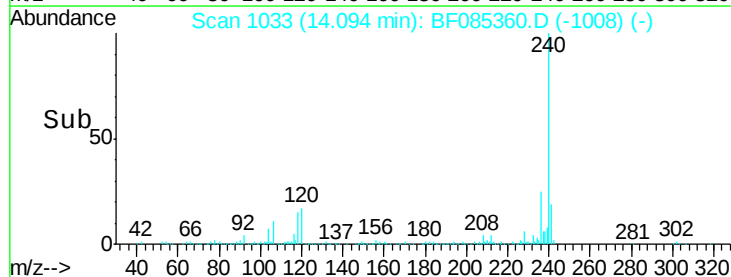
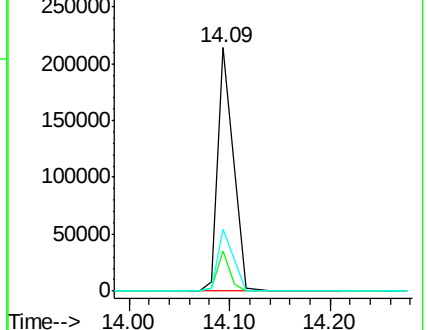
236 25.2 20.7 31.1

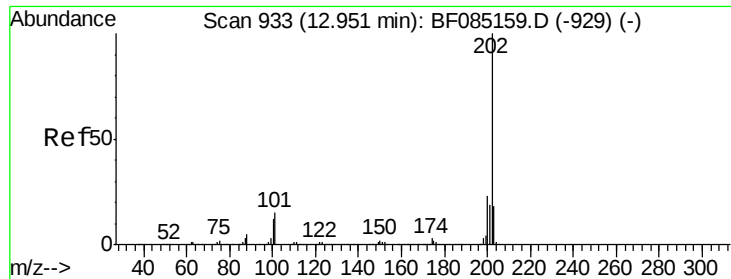


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

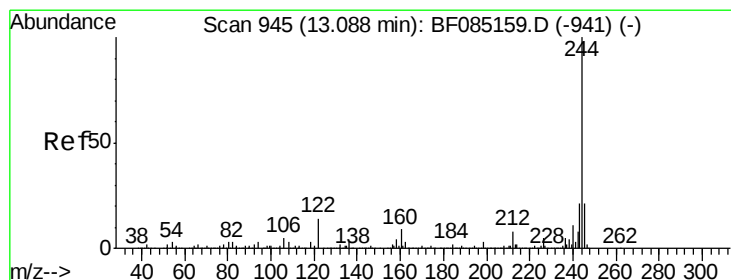
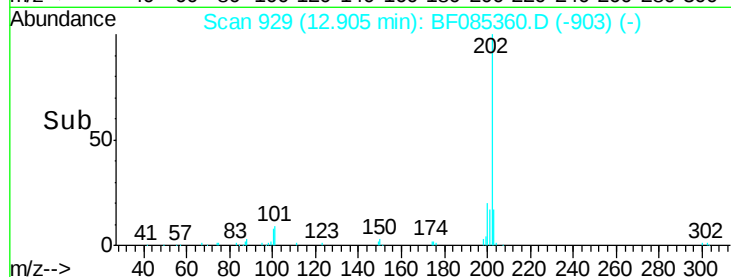
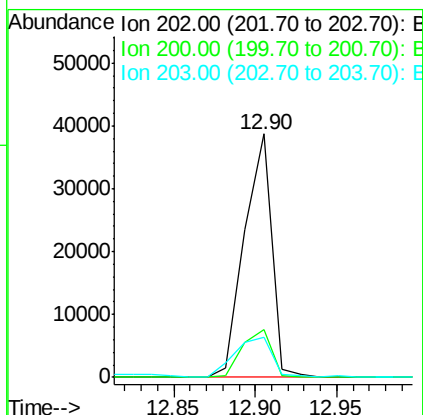
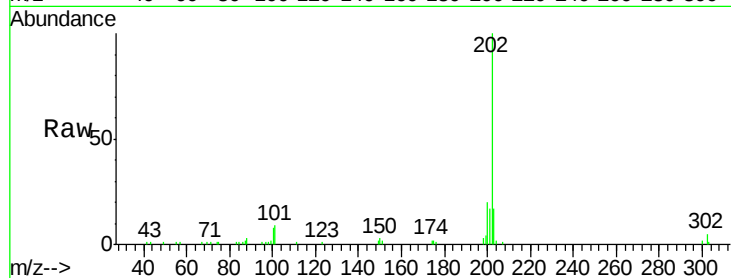




#77
 Pyrene
 Concen: 2.59 ng
 RT: 12.90 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BF085360.D
 Acq: 11 Mar 2016 4:08

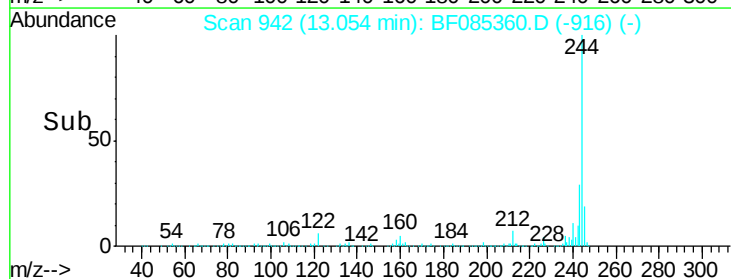
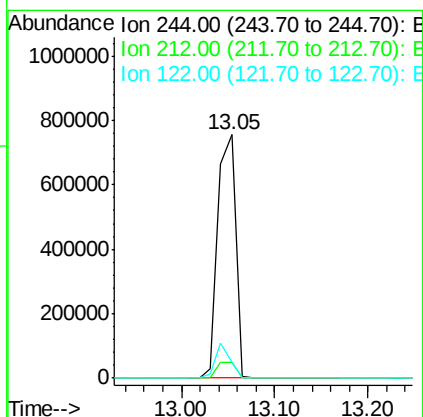
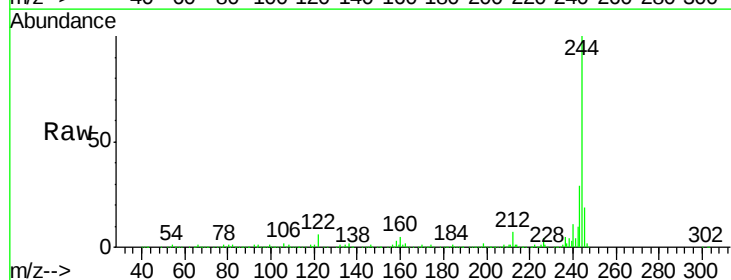
Instrument :
 BNA_F
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 SB-18-COMP

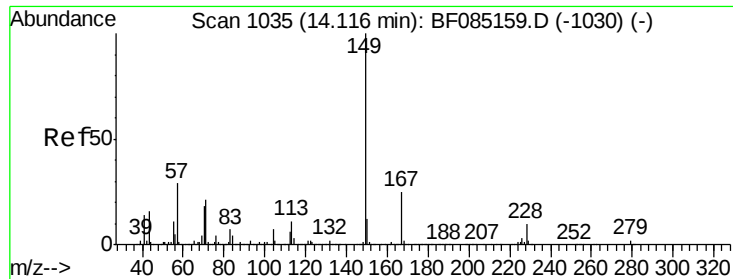
Tgt Ion:202 Resp: 44899
 Ion Ratio Lower Upper
 202 100
 200 19.7 18.2 27.4
 203 16.6 14.7 22.1



#78
 Terphenyl-d14
 Concen: 101.18 ng
 RT: 13.05 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF085360.D
 Acq: 11 Mar 2016 4:08

Tgt Ion:244 Resp: 1003972
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.4 9.6
 122 6.3 11.4 17.2#

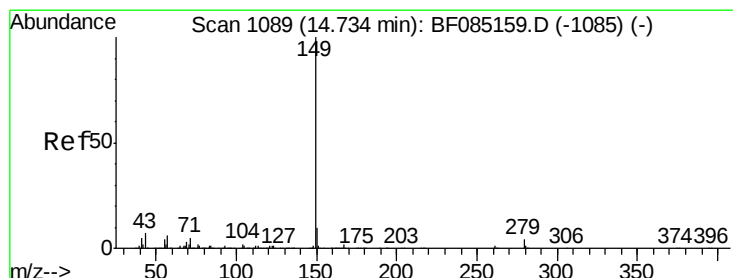
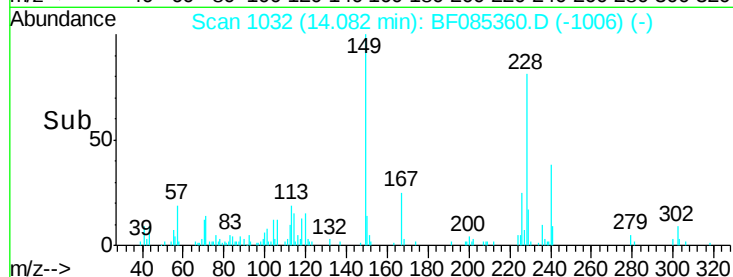
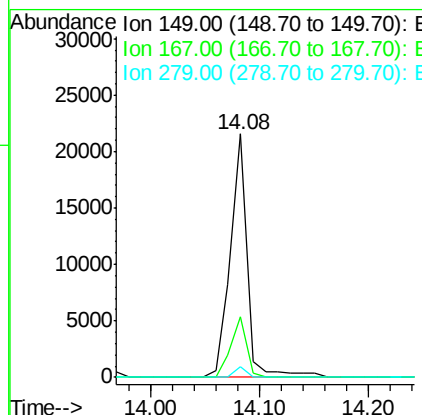
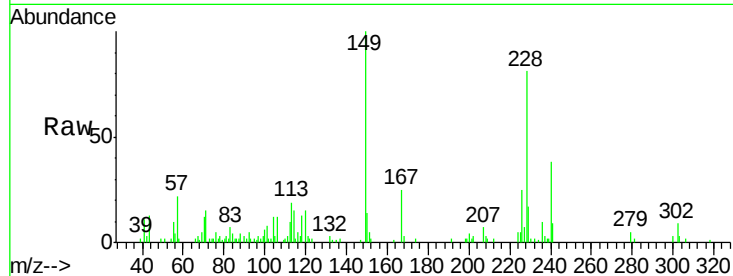




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.23 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF085360.D
 Acq: 11 Mar 2016 4:08

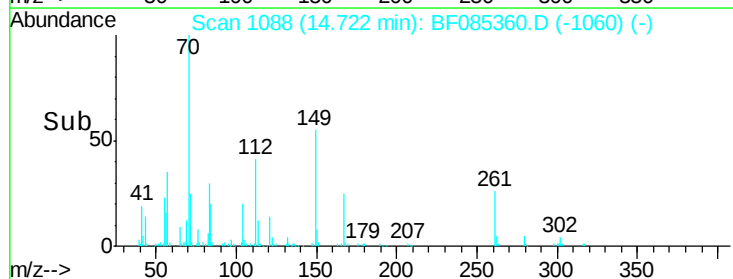
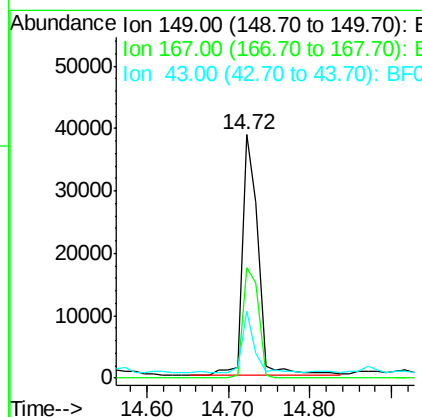
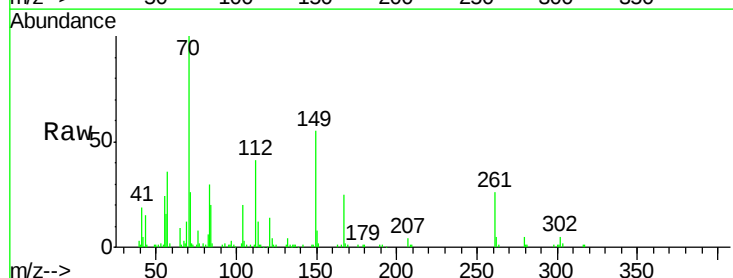
Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

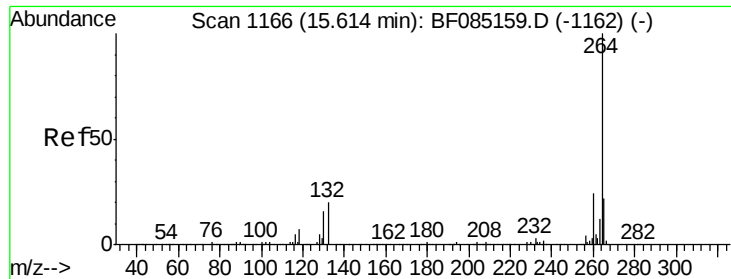
Tgt Ion:149 Resp: 23135
 Ion Ratio Lower Upper
 149 100
 167 25.1 20.3 30.5
 279 4.5 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 3.31 ng
 RT: 14.72 min Scan# 1088
 Delta R.T. 0.02 min
 Lab File: BF085360.D
 Acq: 11 Mar 2016 4:08

Tgt Ion:149 Resp: 52243
 Ion Ratio Lower Upper
 149 100
 167 44.7 1.1 1.7#
 43 18.9 7.8 11.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF085360.D
Acq: 11 Mar 2016 4:08

Instrument :
BNA_F
ClientSampleId :
SB-18-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.3	25.9

