

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
 Data File : BF085488.D
 Acq On : 17 Mar 2016 3:52
 Operator : UM/SJ
 Sample : H1788-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(9-10)

Quant Time: Mar 17 03:52:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

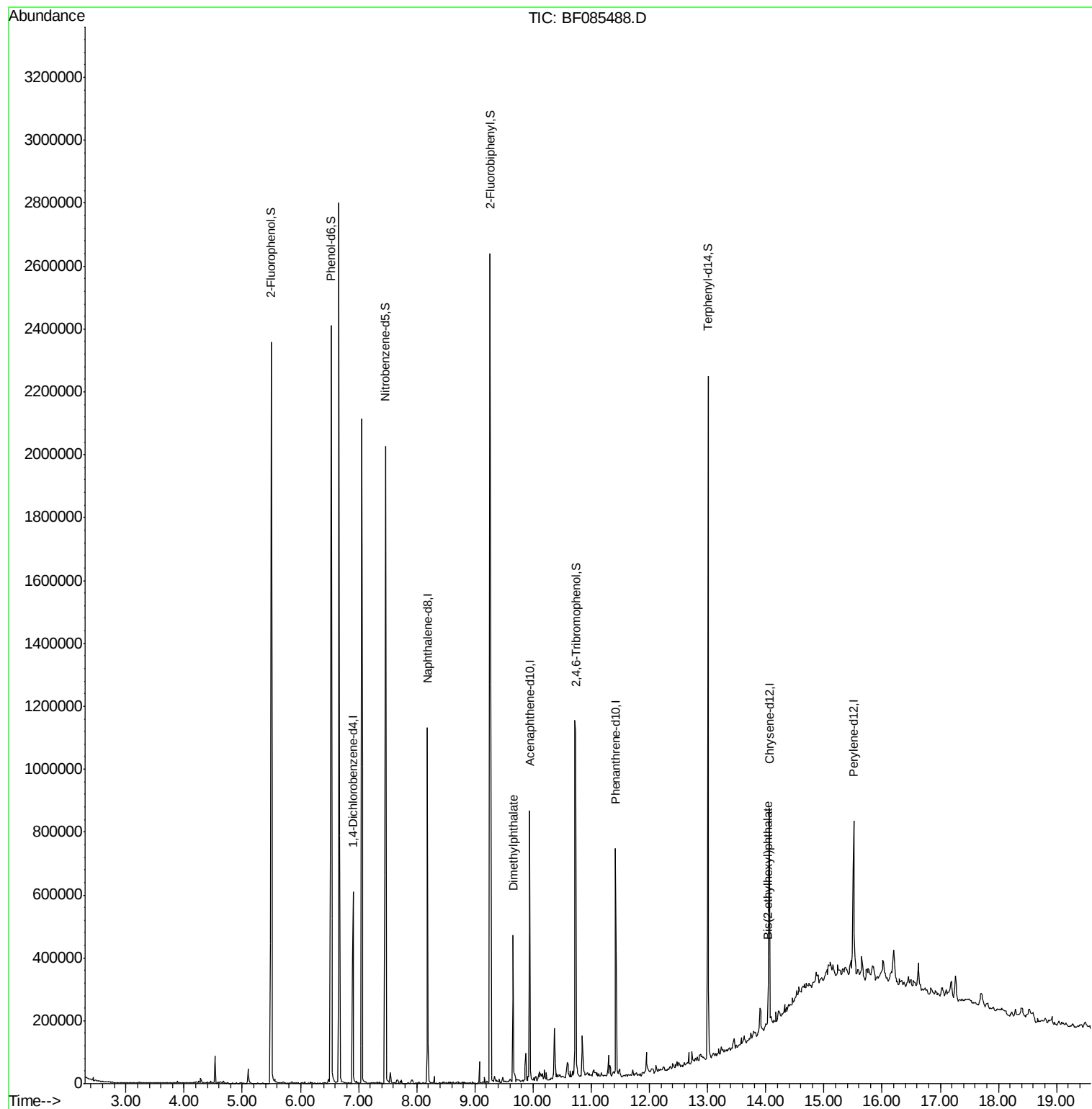
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	118631	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	465550	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	199474	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	310421	20.00	ng	-0.02
75) Chrysene-d12	14.06	240	235254	20.00	ng	-0.02
86) Perylene-d12	15.51	264	241885	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	828953	120.11	ng	-0.01
7) Phenol-d6	6.53	99	981503	109.64	ng	-0.02
23) Nitrobenzene-d5	7.46	82	689430	87.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	208816	113.66	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	975698	84.86	ng	-0.02
78) Terphenyl-d14	13.01	244	622511	59.86	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.66	163	227940	15.66	ng	98
83) Bis(2-ethylhexyl)phthalate	14.04	149	40766	4.33	ng	100

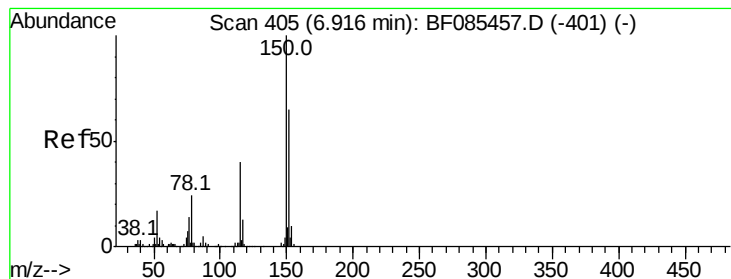
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF085488.D

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Instrument :

BNA_F

ClientSampleId :

SB-5(9-10)

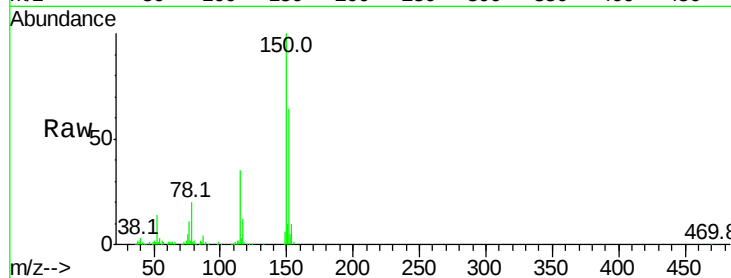
Tot Ion:152 Resp: 118631

Ion Ratio Lower Upper

152 100

150 155.7 124.6 186.8

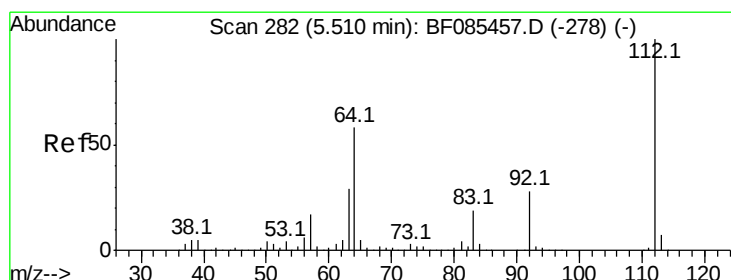
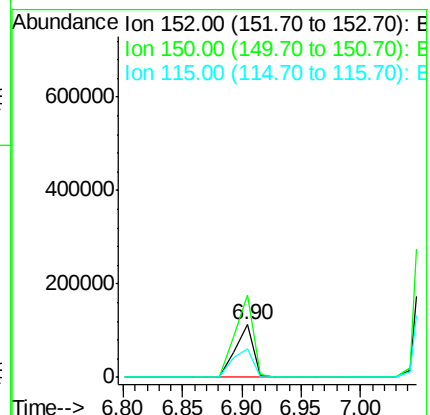
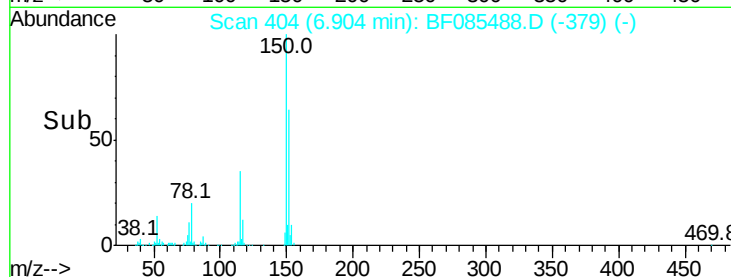
115 54.7 46.6 70.0



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: 120.11 ng

RT: 5.50 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF085488.D

Acq: 17 Mar 2016 3:52

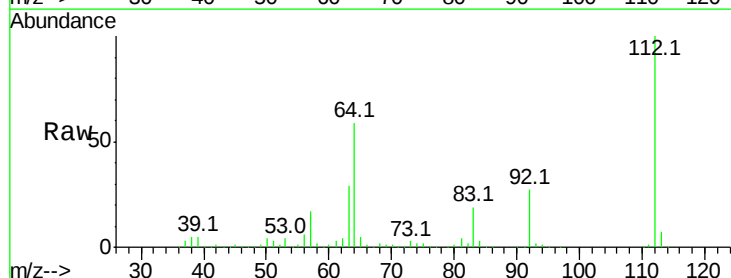
Tgt Ion:112 Resp: 828953

Ion Ratio Lower Upper

112 100

64 58.7 49.0 73.4

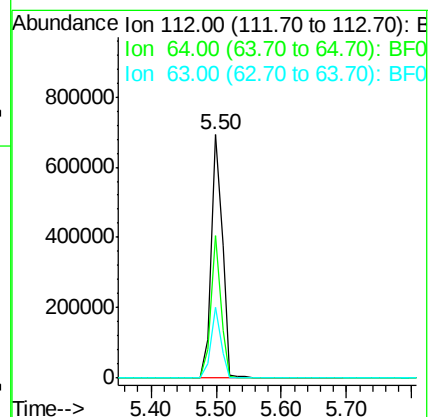
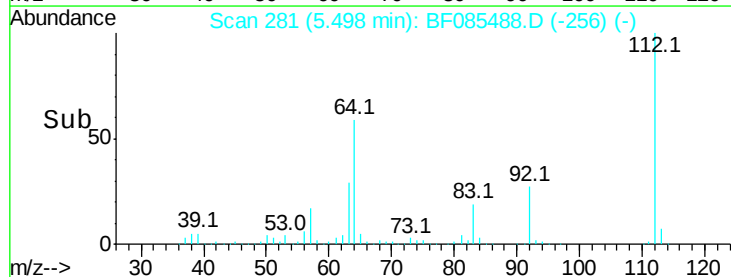
63 29.3 24.8 37.2

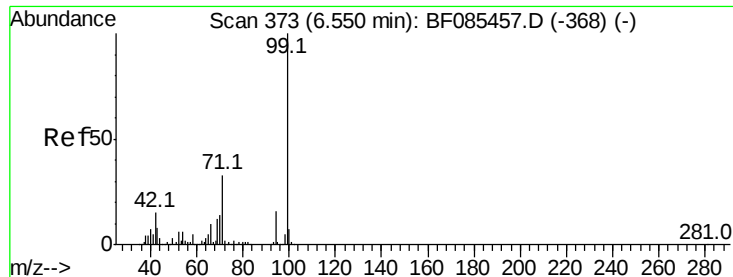


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.64 ng

RT: 6.53 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF085488.D

Acq: 17 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

SB-5(9-10)

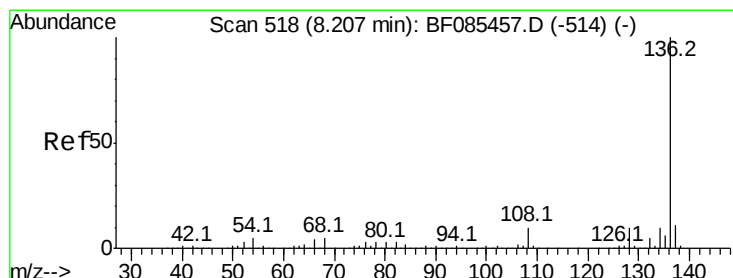
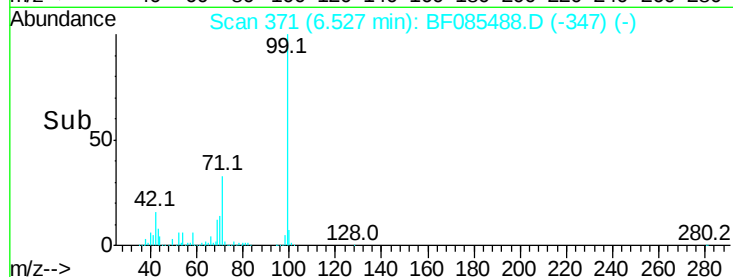
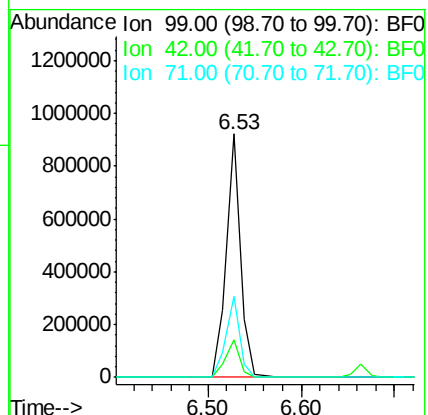
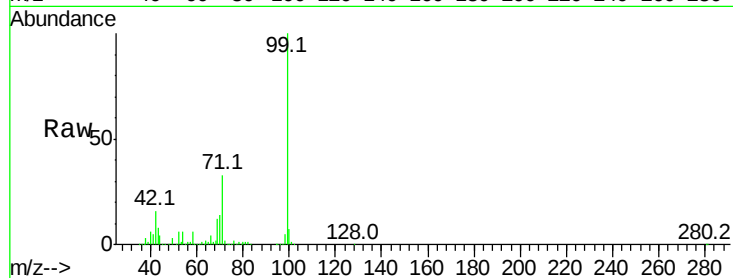
Tot Ion: 99 Resp: 981503

Ion Ratio Lower Upper

99 100

42 15.7 13.6 20.4

71 33.3 26.7 40.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF085488.D

Acq: 17 Mar 2016 3:52

Tgt Ion: 136 Resp: 465550

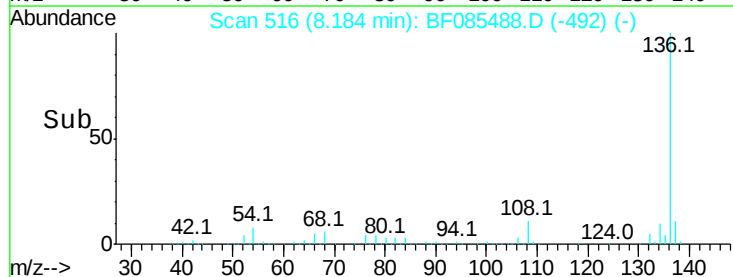
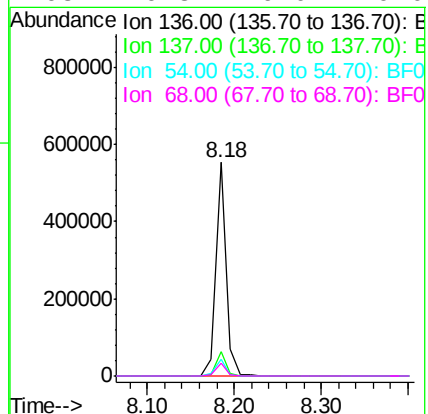
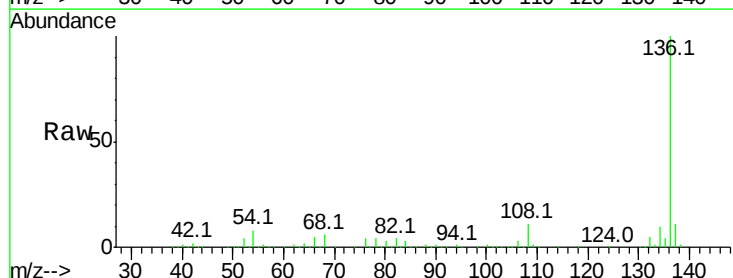
Ion Ratio Lower Upper

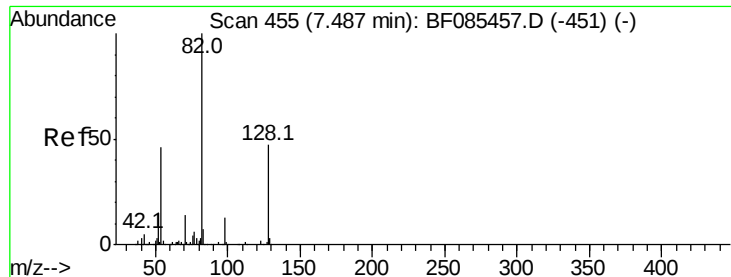
136 100

137 11.3 9.3 13.9

54 7.7 7.4 11.2

68 6.3 6.0 9.0

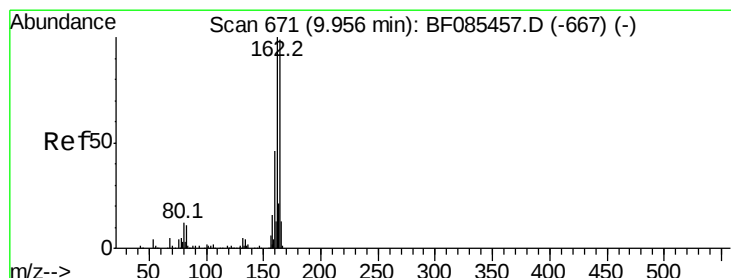
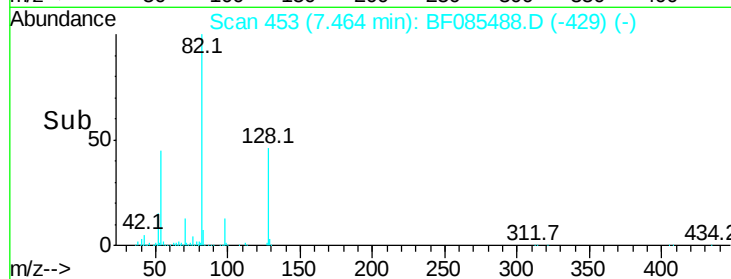
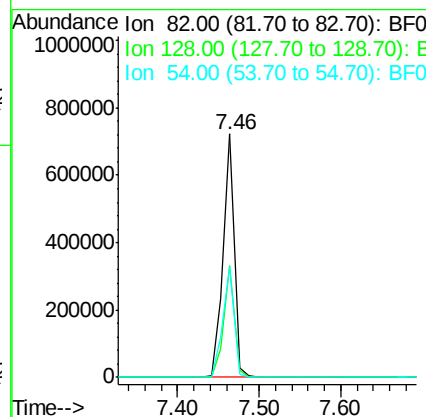
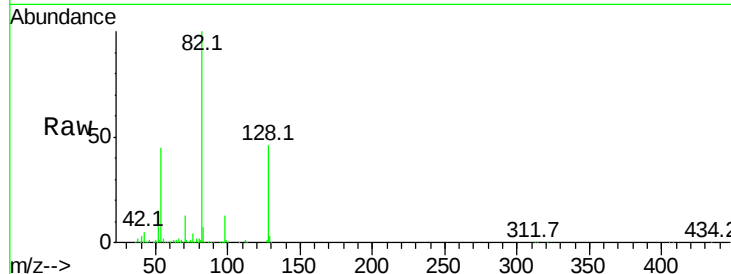




#23
 Nitrobenzene-d5
 Concen: 87.56 ng
 RT: 7.46 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF085488.D
 Acq: 17 Mar 2016 3:52

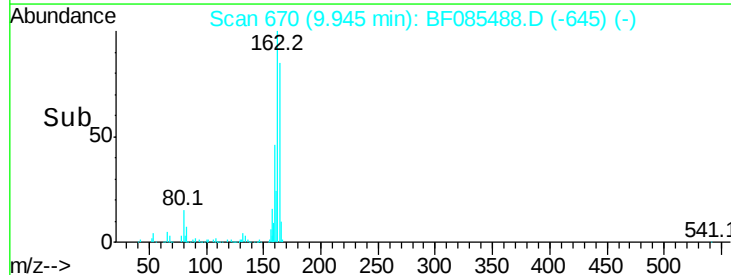
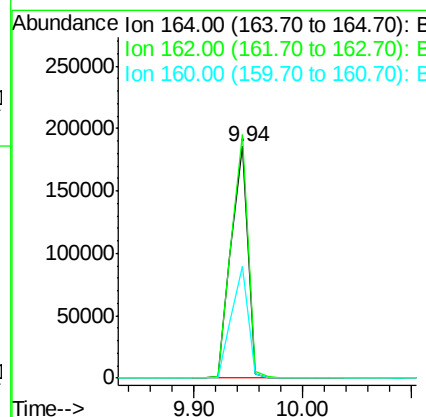
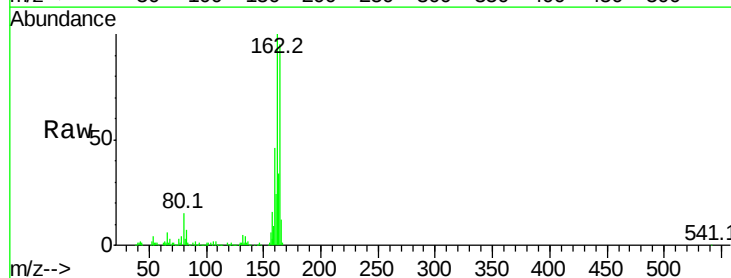
Instrument :
 BNA_F
 ClientSampleId :
 SB-5(9-10)

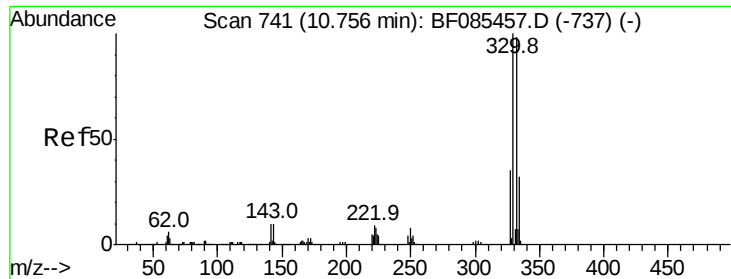
Tot Ion	82	Resp	689430
Ion Ratio	Lower	Upper	
82	100		
128	45.8	34.5	51.7
54	45.2	39.3	58.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF085488.D
 Acq: 17 Mar 2016 3:52

Tgt Ion	164	Resp	199474
Ion Ratio	Lower	Upper	
164	100		
162	105.0	83.3	124.9
160	48.1	37.9	56.9

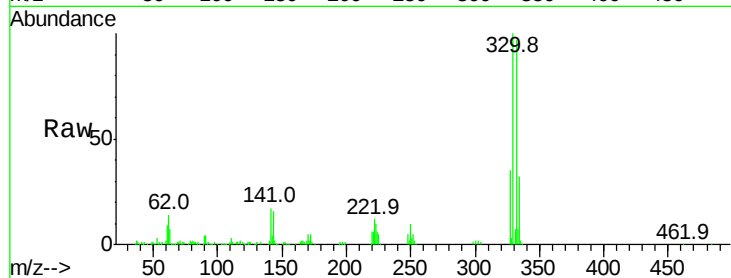




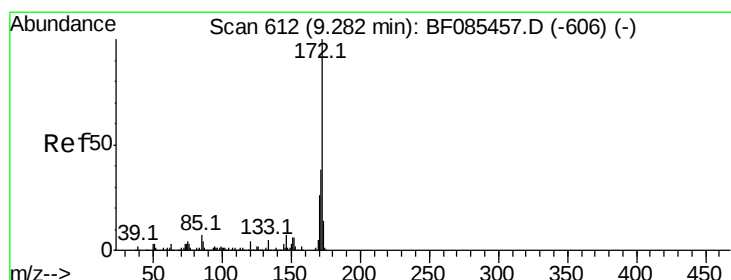
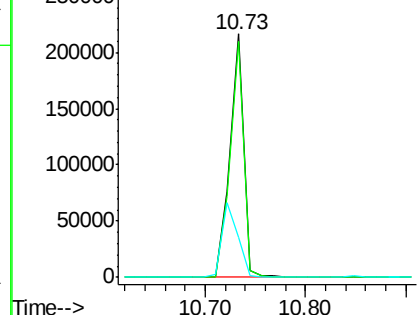
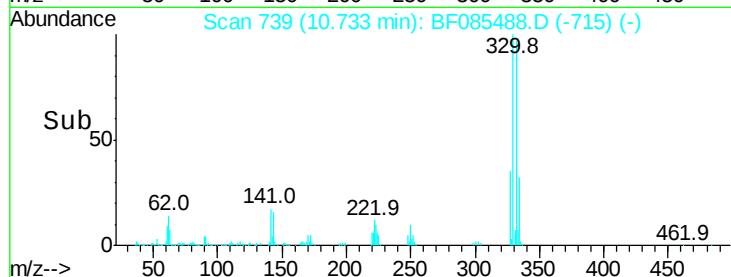
#41
 2,4,6-Tribromophenol
 Concen: 113.66 ng
 RT: 10.73 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF085488.D
 Acq: 17 Mar 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(9-10)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	35.8	35.0	52.6

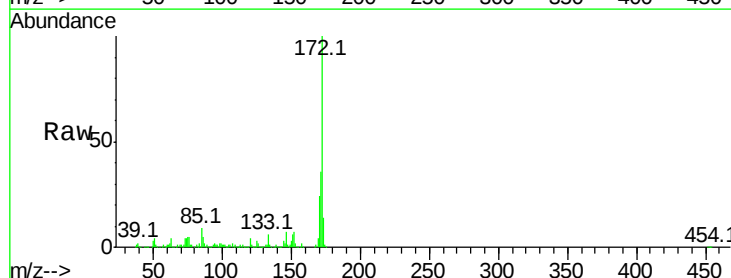


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

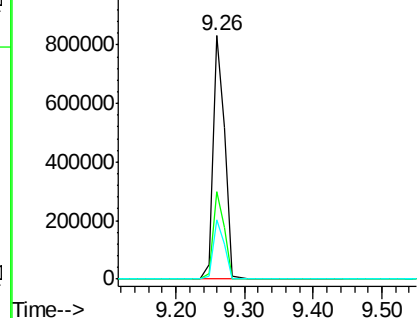
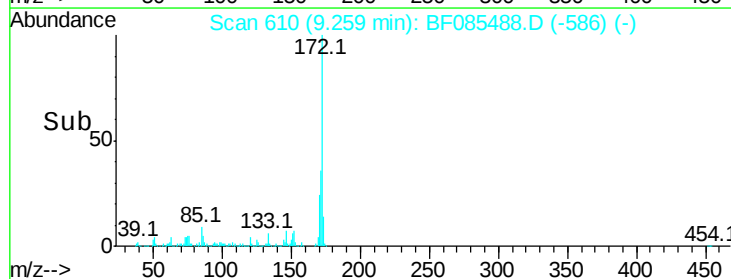


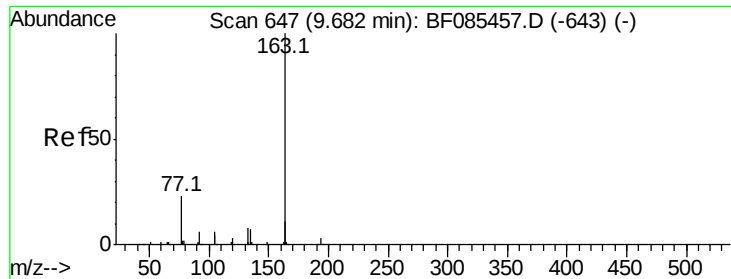
#44
 2-Fluorobiphenyl
 Concen: 84.86 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF085488.D
 Acq: 17 Mar 2016 3:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.3	43.9
170	24.3	20.0	30.0



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: 15.66 ng

RT: 9.66 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF085488.D

Acq: 17 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

SB-5(9-10)

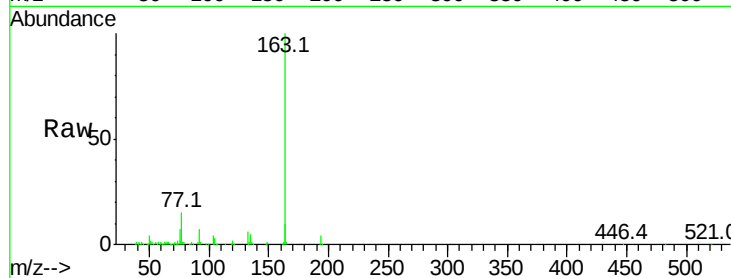
Tot Ion:163 Resp: 227940

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

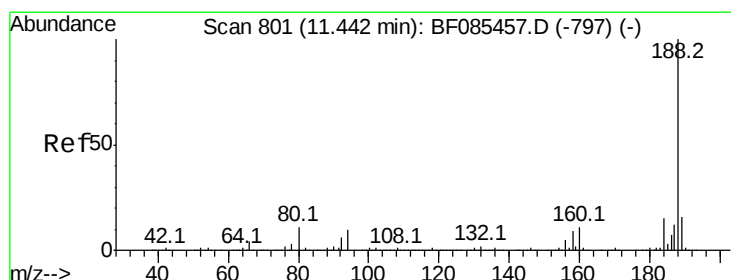
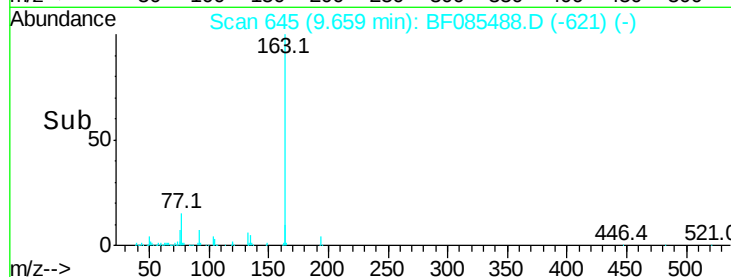
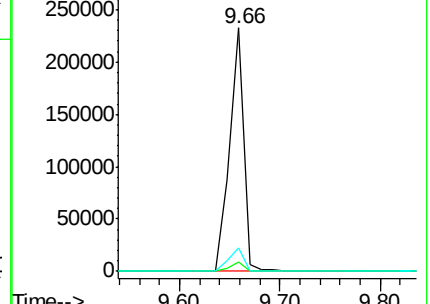
164 9.5 8.2 12.4



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: 11.42 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF085488.D

Acq: 17 Mar 2016 3:52

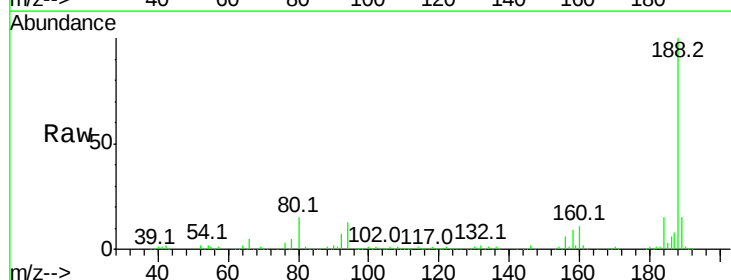
Tgt Ion:188 Resp: 310421

Ion Ratio Lower Upper

188 100

94 13.1 7.0 10.6#

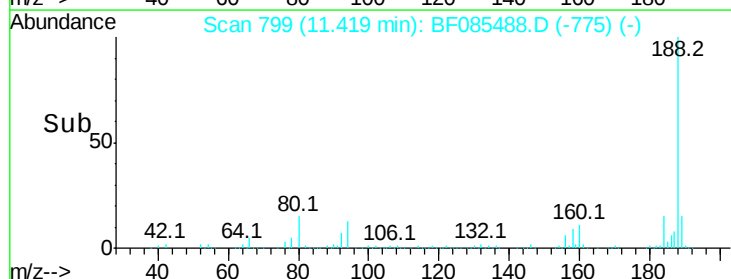
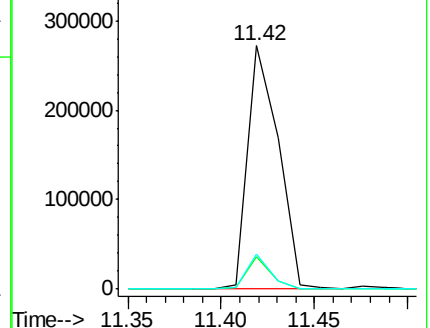
80 14.6 7.4 11.0#

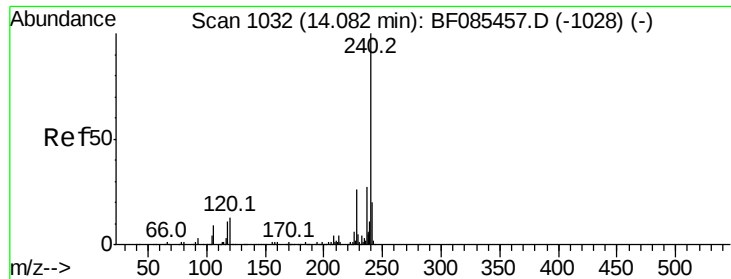


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF085488.D

Acq: 17 Mar 2016 3:52

Instrument :

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ClientSampleId :

SB-5(9-10)

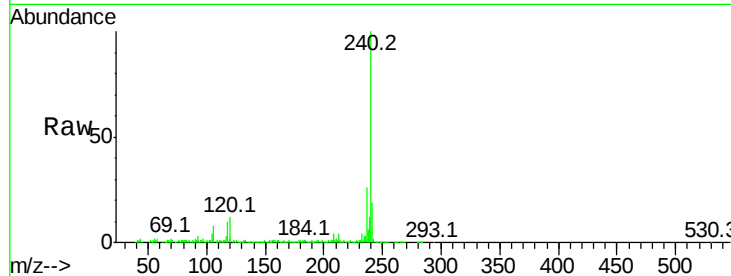
Tot Ion:240 Resp: 235254

Ion Ratio Lower Upper

240 100

120 11.5 5.3 7.9#

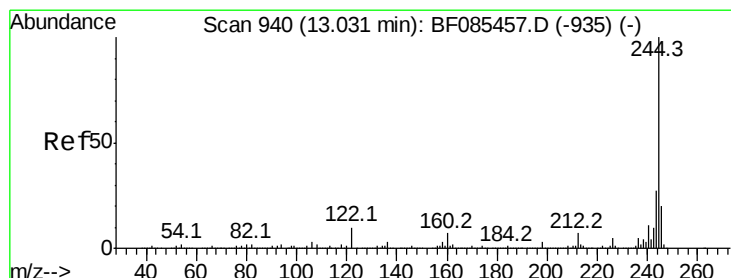
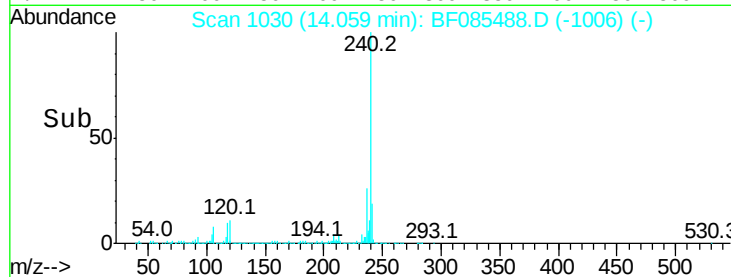
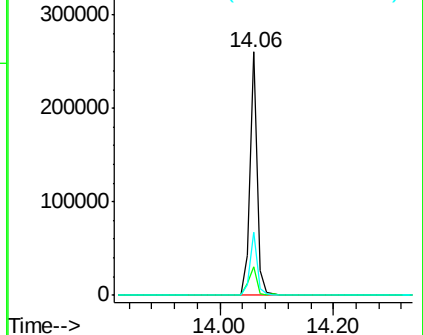
236 26.1 20.7 31.1



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



#78

Terphenyl-d14

Concen: 59.86 ng

RT: 13.01 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF085488.D

Acq: 17 Mar 2016 3:52

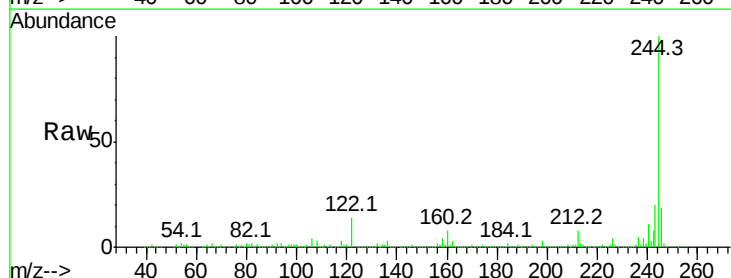
Tgt Ion:244 Resp: 622511

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

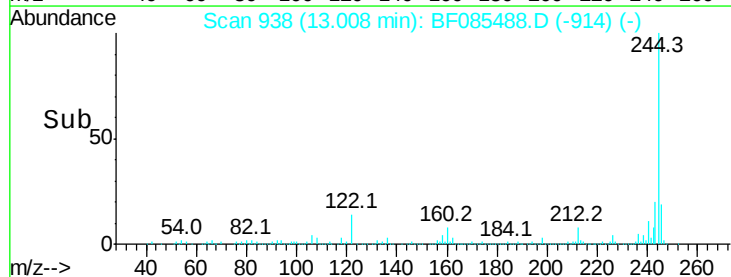
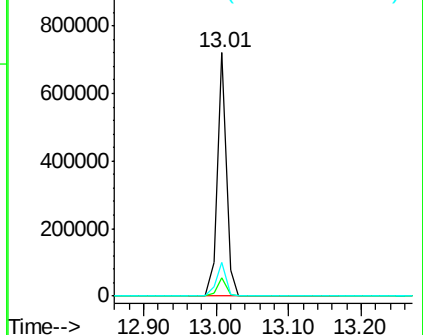
122 13.7 11.4 17.2

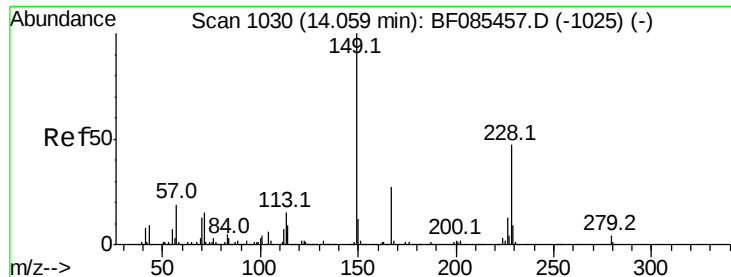


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

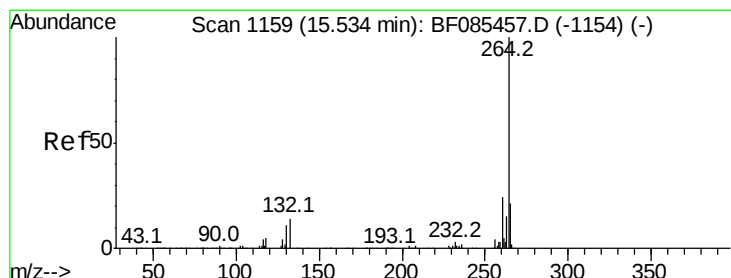
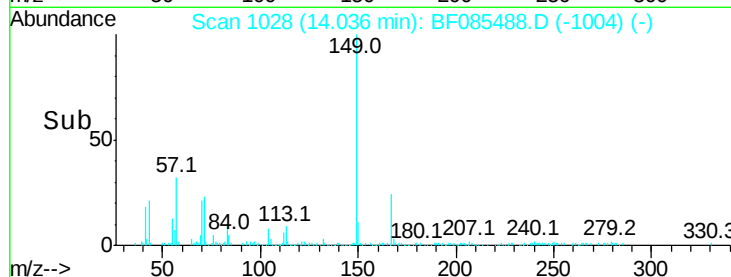
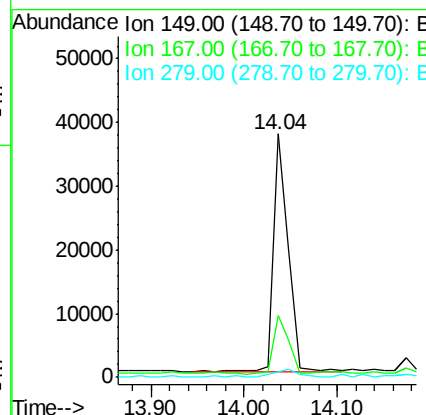
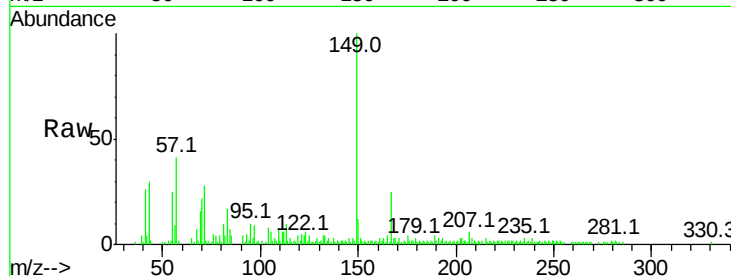




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.33 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF085488.D
 Acq: 17 Mar 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(9-10)

Tot Ion:149 Resp: 40766
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.3 30.5
 279 2.1 1.9 2.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF085488.D
 Acq: 17 Mar 2016 3:52

Tgt Ion:264 Resp: 241885
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 22.1 17.3 25.9

