

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085825.D
 Acq On : 29 Mar 2016 2:25
 Operator : UM/SJ
 Sample : H1933-02 25X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B10COMP

Quant Time: Mar 29 03:42:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

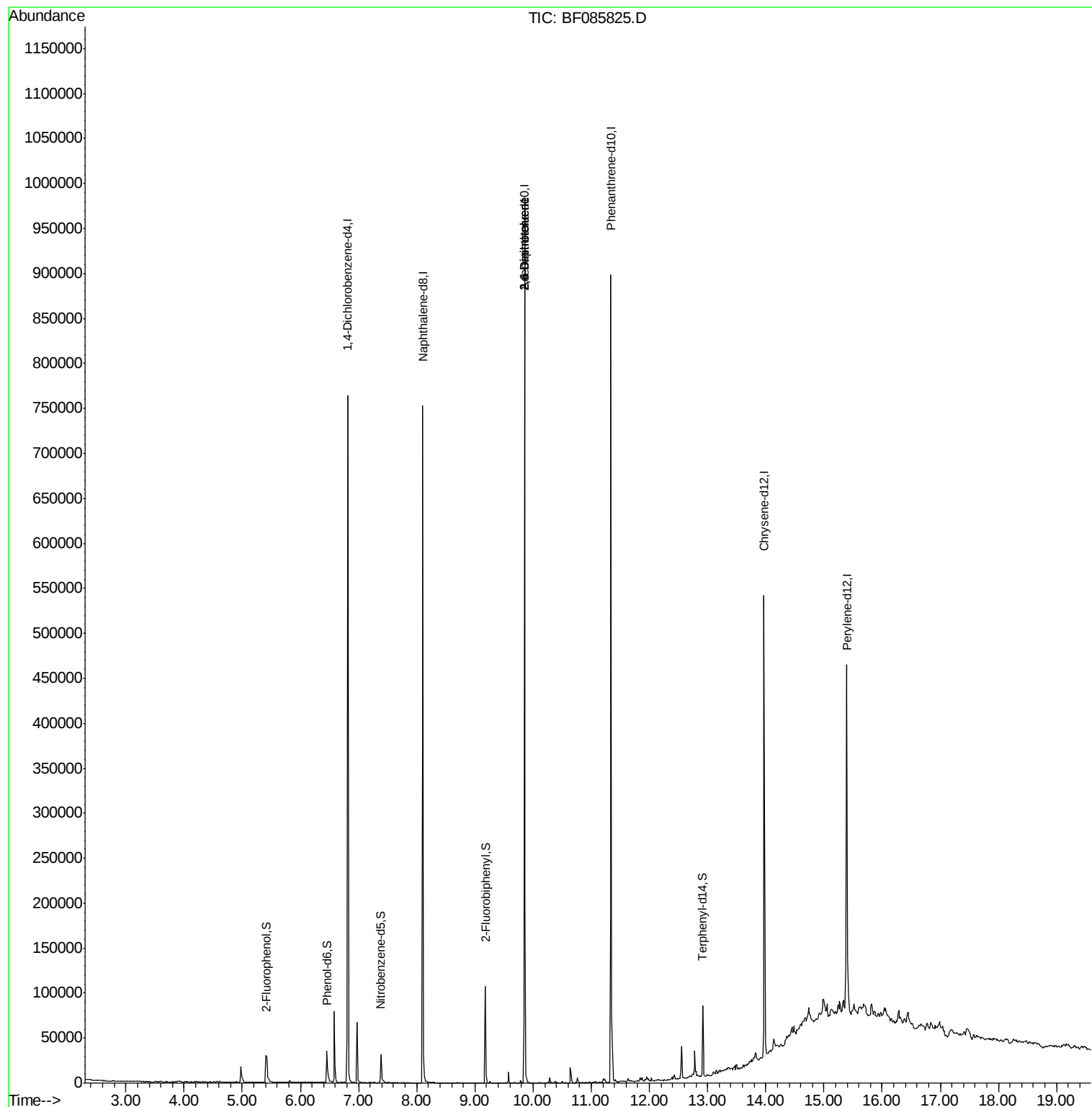
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	109522	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	419561	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	185026	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	324641	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	188751	20.00	ng	-0.01
86) Perylene-d12	15.40	264	205346	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	21549	3.28	ng	0.01
7) Phenol-d6	6.46	99	28108	3.36	ng	0.00
23) Nitrobenzene-d5	7.38	82	16051	2.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	3189	1.81	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	36257	3.27	ng	-0.01
78) Terphenyl-d14	12.92	244	23717	2.58	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.85	165	23915	7.91	ng	# 19
56) 2,4-Dinitrotoluene	9.85	165	23915	6.23	ng	# 37

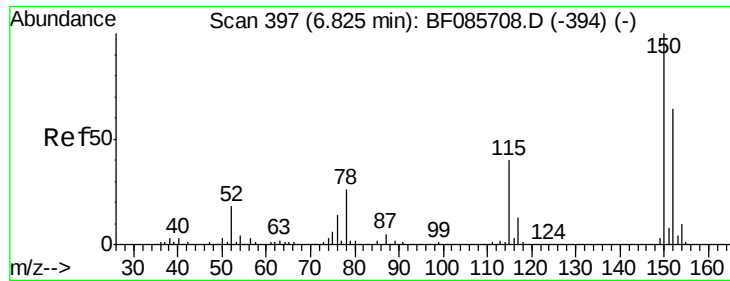
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF085825.D

Acq: 29 Mar 2016 2:25

Instrument :

BNA_F

ClientSampleId :

TEC-B10COMP

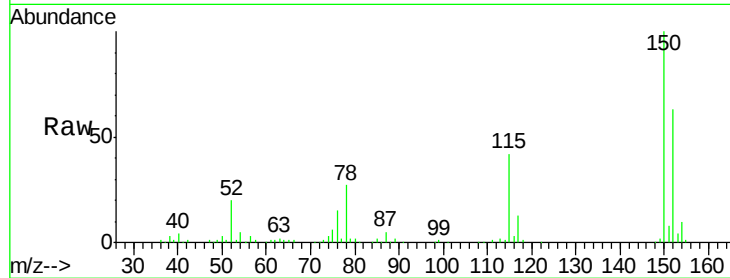
Tgt Ion:152 Resp: 109522

Ion Ratio Lower Upper

152 100

150 158.6 124.2 186.2

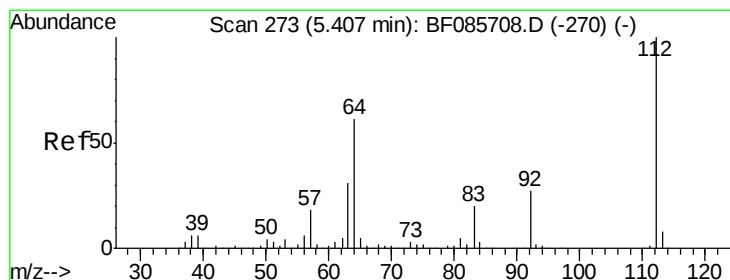
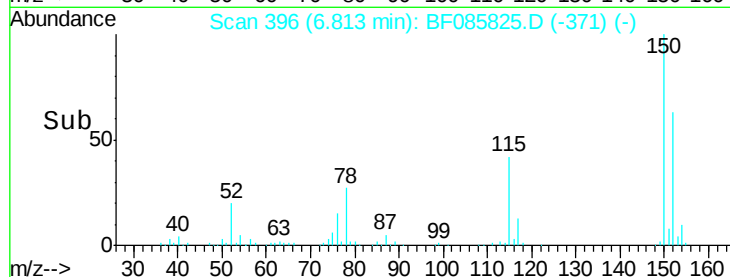
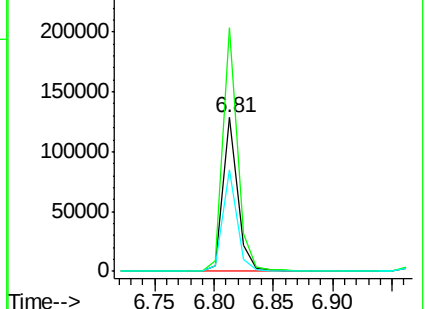
115 66.1 47.0 70.6



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: 3.28 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085825.D

Acq: 29 Mar 2016 2:25

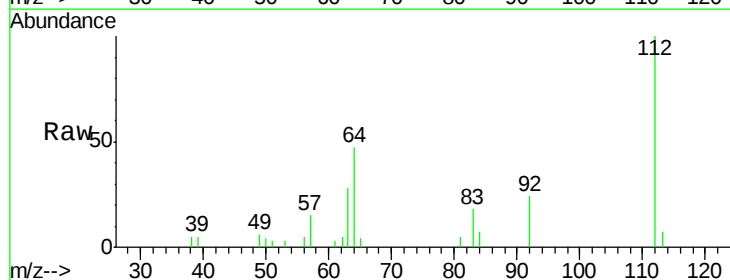
Tgt Ion:112 Resp: 21549

Ion Ratio Lower Upper

112 100

64 46.8 39.9 59.9

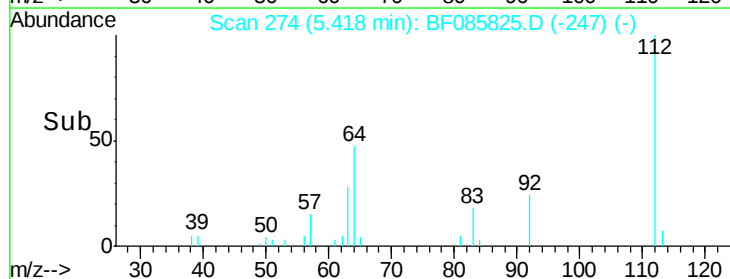
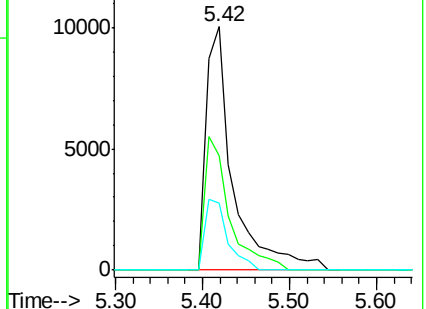
63 27.7 20.2 30.2

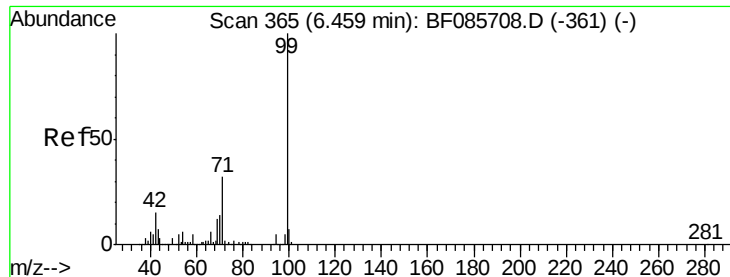


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 3.36 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085825.D

Acq: 29 Mar 2016 2:25

Instrument :

BNA_F

ClientSampleId :

TEC-B10COMP

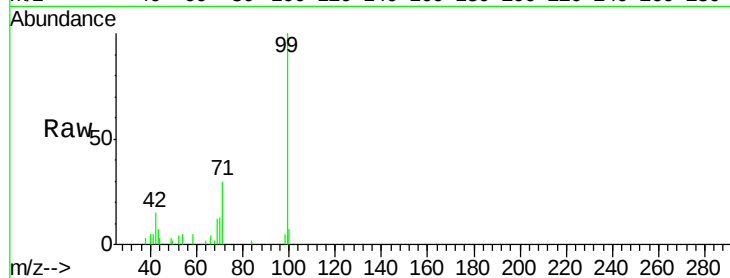
Tgt Ion: 99 Resp: 28108

Ion Ratio Lower Upper

99 100

42 14.6 11.1 16.7

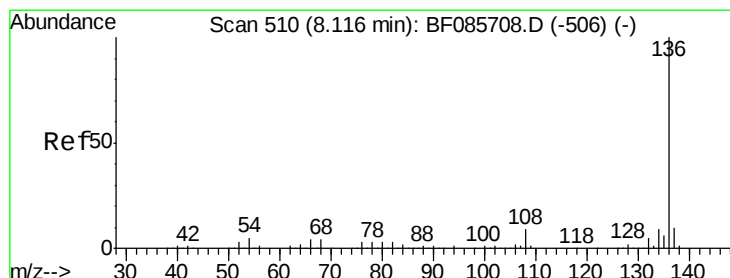
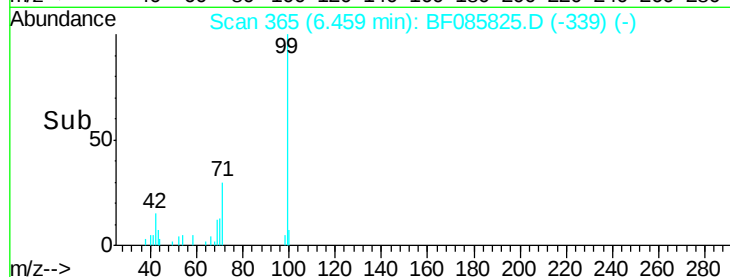
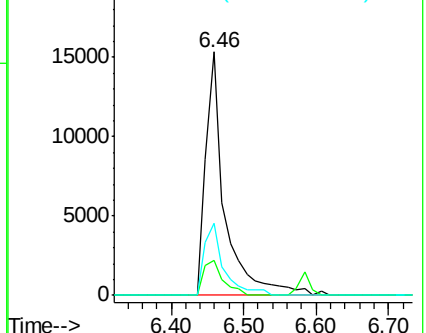
71 29.8 24.9 37.3



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: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085825.D

Acq: 29 Mar 2016 2:25

Tgt Ion: 136 Resp: 419561

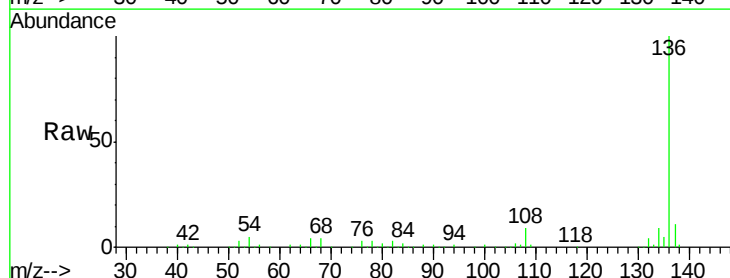
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.2 7.4 11.0#

68 4.5 5.8 8.8#

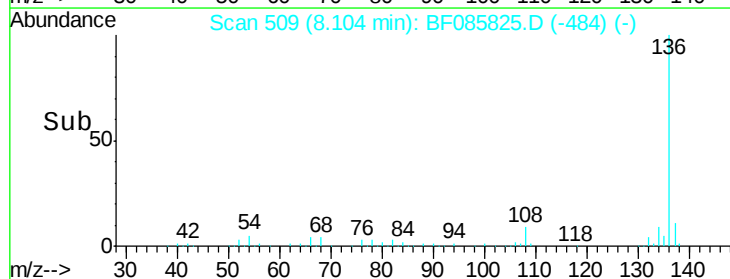
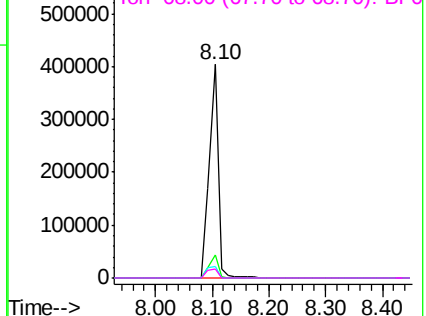


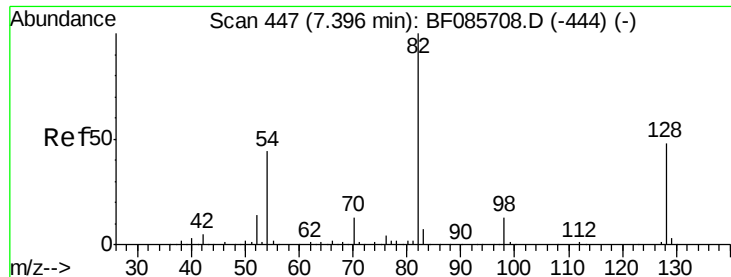
Abundance Ion 136.00 (135.70 to 136.70): E

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

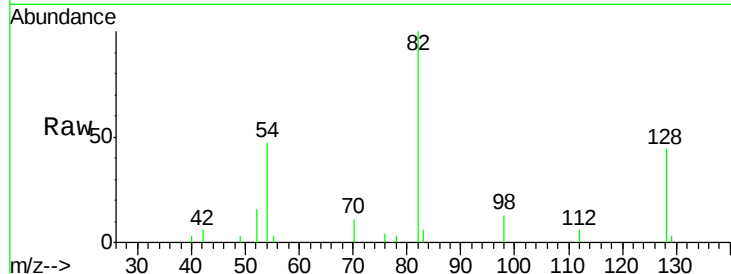




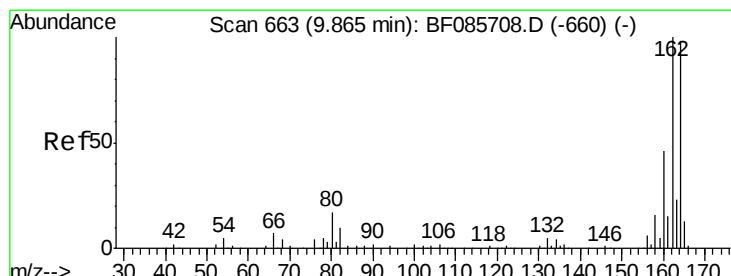
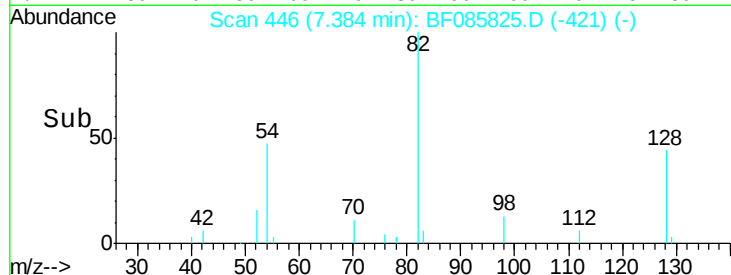
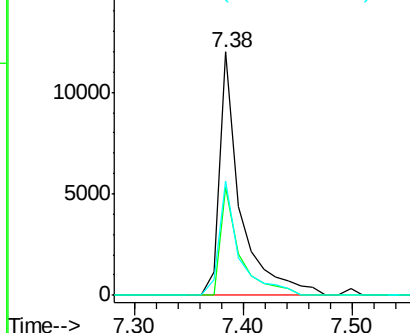
#23
 Nitrobenzene-d5
 Concen: 2.15 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085825.D
 Acq: 29 Mar 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B10COMP

Tgt Ion: 82 Resp: 16051
 Ion Ratio Lower Upper
 82 100
 128 44.3 41.8 62.8
 54 47.2 33.4 50.0

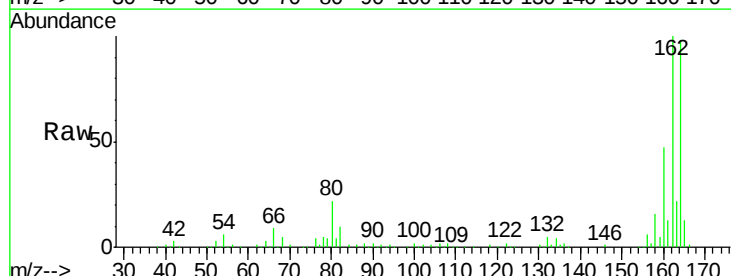


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

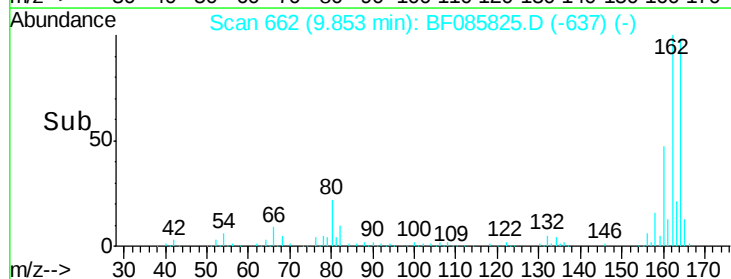
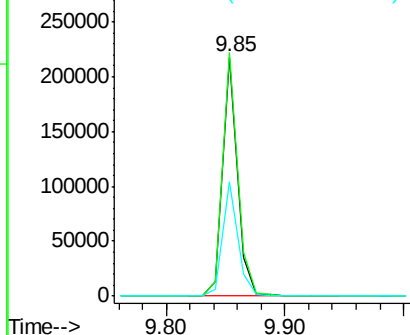


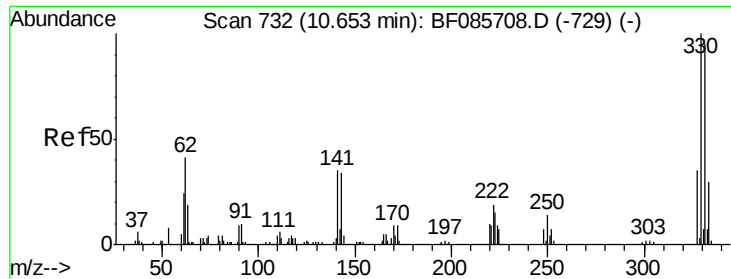
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF085825.D
 Acq: 29 Mar 2016 2:25

Tgt Ion: 164 Resp: 185026
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.1 123.1
 160 47.7 37.4 56.2



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

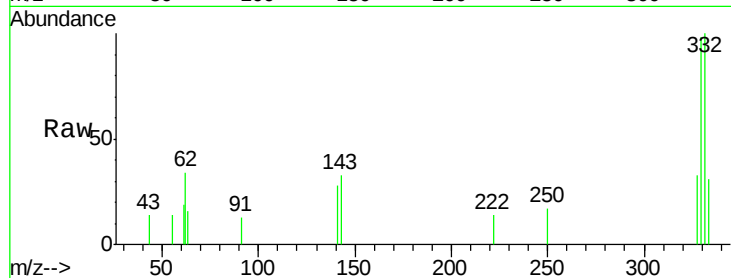




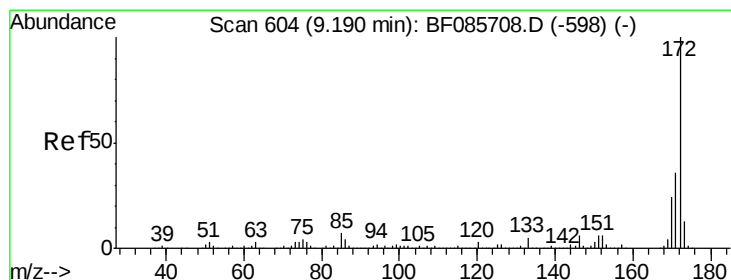
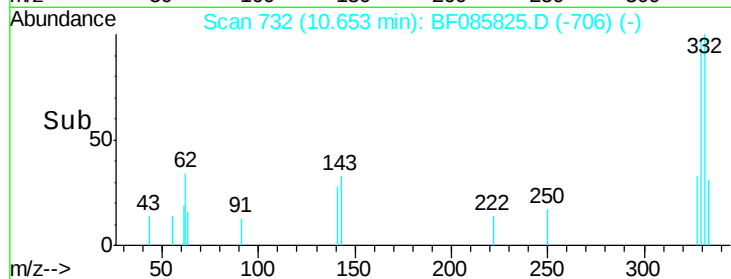
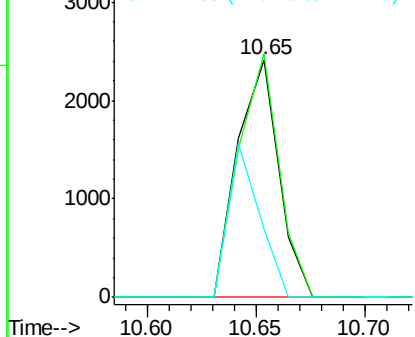
#41
 2,4,6-Tribromophenol
 Concen: 1.81 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085825.D
 Acq: 29 Mar 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B10COMP

Tgt Ion:330 Resp: 3189
 Ion Ratio Lower Upper
 330 100
 332 99.7 78.2 117.2
 141 48.7 31.5 47.3#

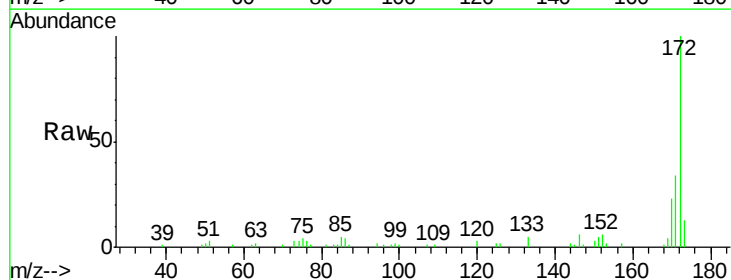


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

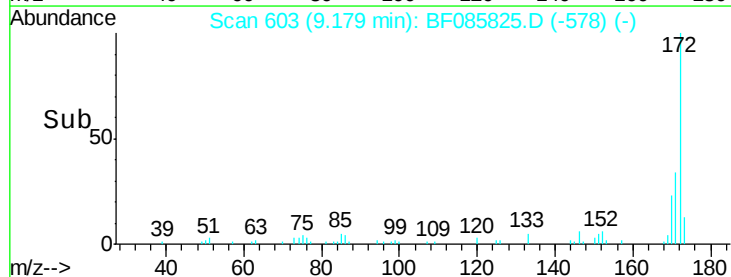
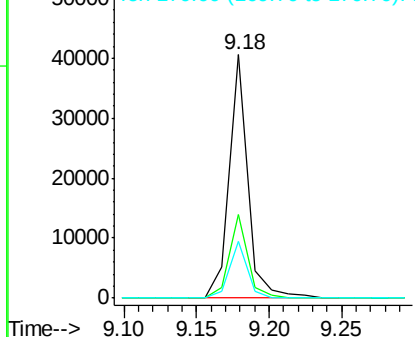


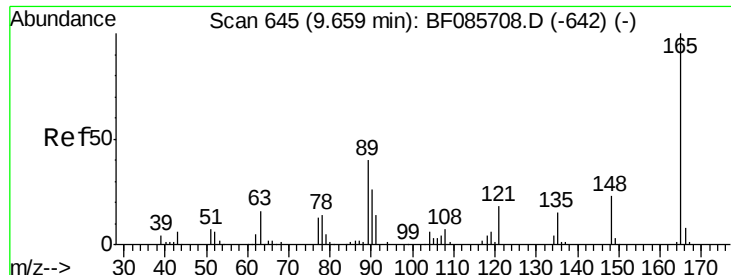
#44
 2-Fluorobiphenyl
 Concen: 3.27 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085825.D
 Acq: 29 Mar 2016 2:25

Tgt Ion:172 Resp: 36257
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.4 44.2
 170 23.1 19.8 29.6



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

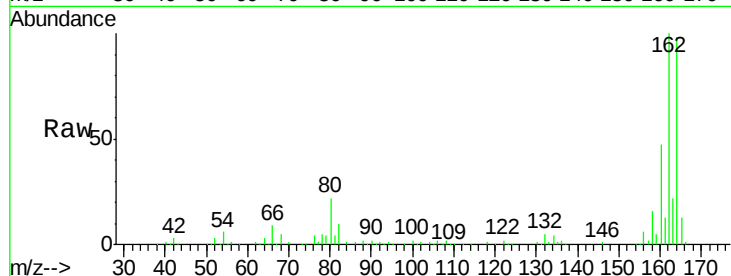




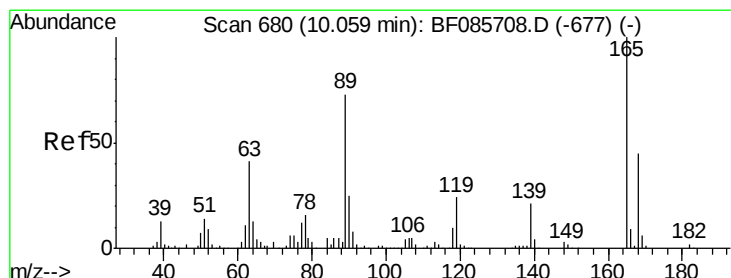
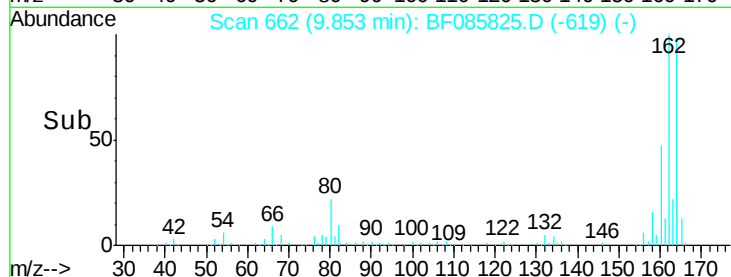
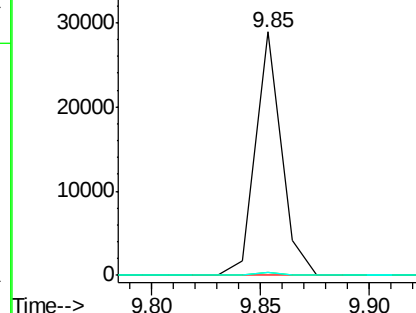
#50
 2,6-Dinitrotoluene
 Concen: 7.91 ng
 RT: 9.85 min Scan# 662
 Delta R.T. 0.19 min
 Lab File: BF085825.D
 Acq: 29 Mar 2016 2:25

Instrument :
 BNA_F
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 TEC-B10COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	51.8	77.8#
89	1.4	53.7	80.5#



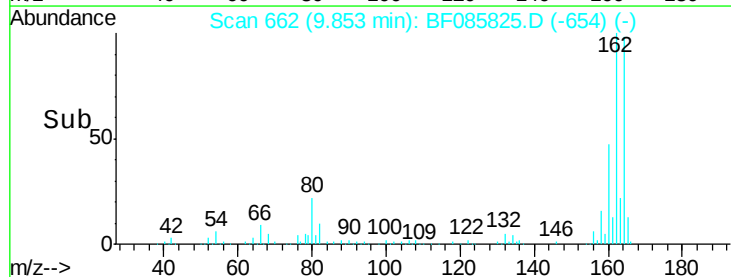
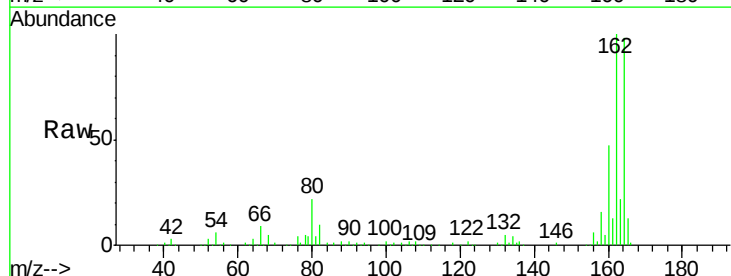
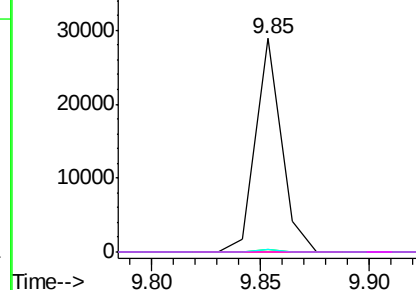
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

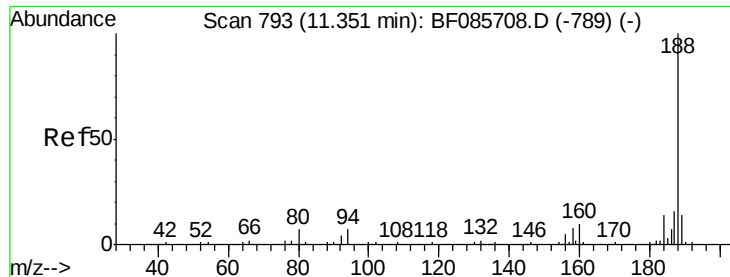


#56
 2,4-Dinitrotoluene
 Concen: 6.23 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.21 min
 Lab File: BF085825.D
 Acq: 29 Mar 2016 2:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	24.9	37.3#
89	1.4	41.0	61.6#
182	0.0	2.1	3.1#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

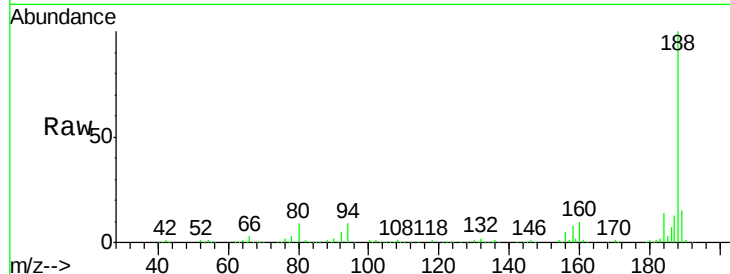




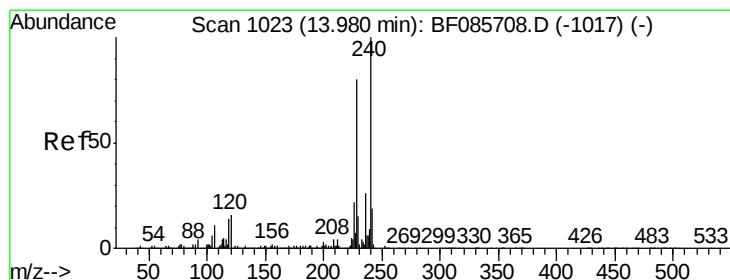
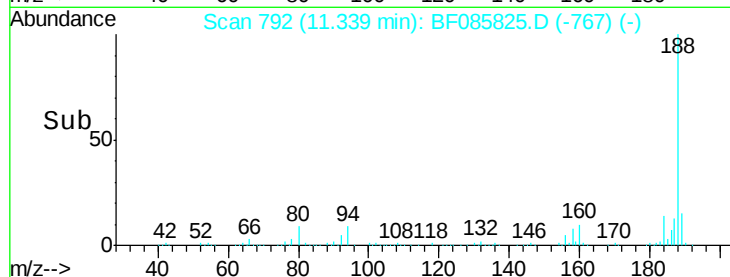
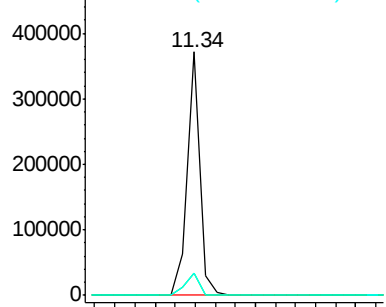
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085825.D
Acq: 29 Mar 2016 2:25

Instrument :
BNA_F
ClientSampleId :
TEC-B10COMP

Tgt Ion:188 Resp: 324641
Ion Ratio Lower Upper
188 100
94 9.0 5.4 8.0#
80 9.0 5.5 8.3#

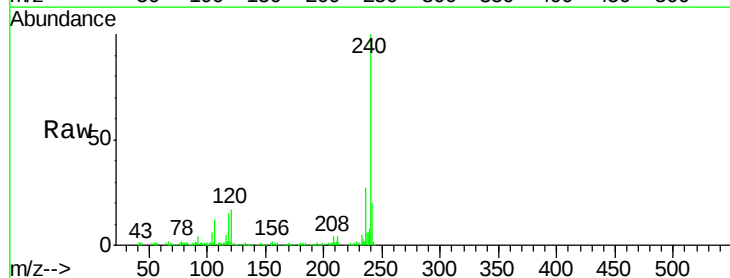


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

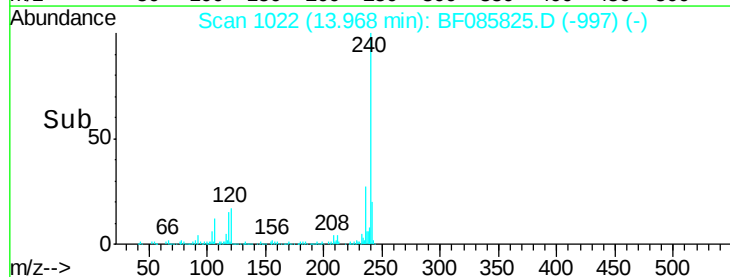
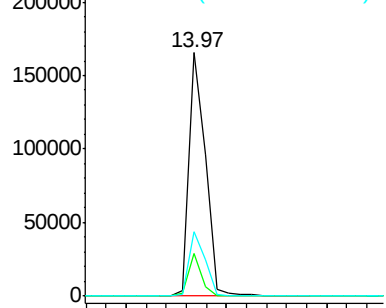


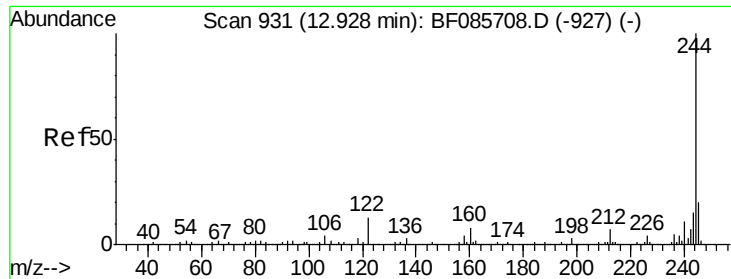
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF085825.D
Acq: 29 Mar 2016 2:25

Tgt Ion:240 Resp: 188751
Ion Ratio Lower Upper
240 100
120 17.3 13.8 20.8
236 26.7 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

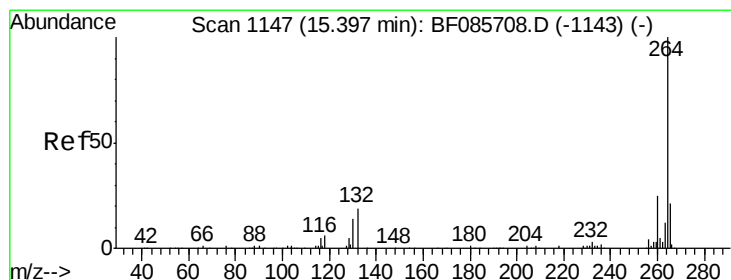
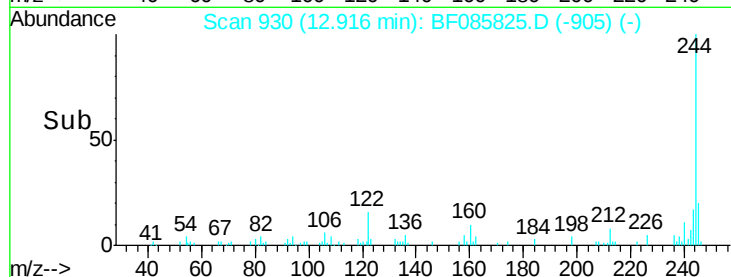
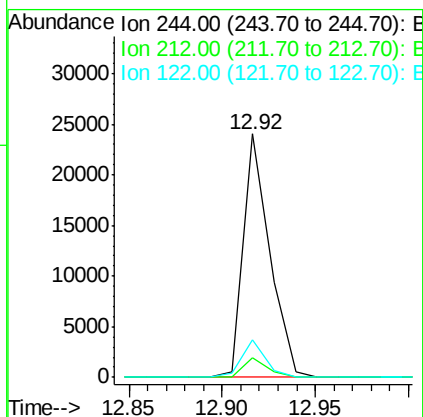
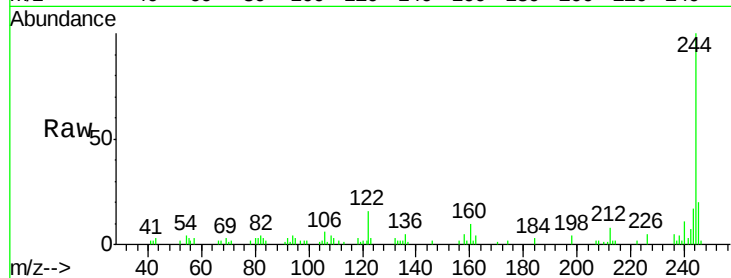




#78
 Terphenyl-d14
 Concen: 2.58 ng
 RT: 12.92 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF085825.D
 Acq: 29 Mar 2016 2:25

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B10COMP

Tgt Ion:244 Resp: 23717
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.1 9.1
 122 15.6 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085825.D
 Acq: 29 Mar 2016 2:25

Tgt Ion:264 Resp: 205346
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.7 17.2 25.8

