

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087516.D
 Acq On : 29 May 2016 12:16
 Operator : UM/SJ
 Sample : H3222-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-30

Quant Time: May 31 19:08:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 30 04:10:04 2016
 Response via : Initial Calibration

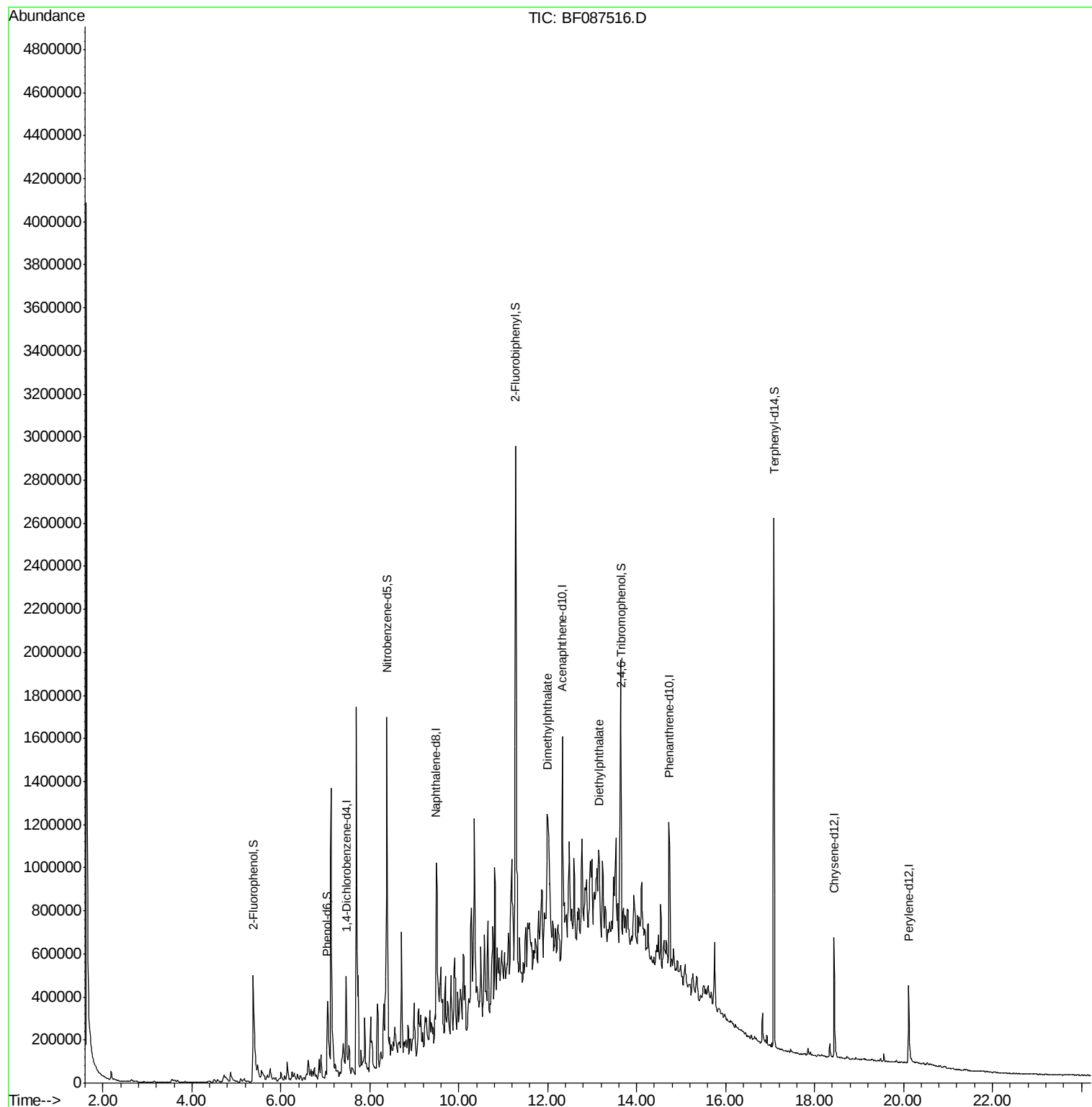
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	108950	20.00	ng	0.00
21) Naphthalene-d8	9.50	136	430090	20.00	ng	-0.01
38) Acenaphthene-d10	12.33	164	231483	20.00	ng	0.00
63) Phenanthrene-d10	14.73	188	370806	20.00	ng	0.00
75) Chrysene-d12	18.43	240	283048	20.00	ng	0.00
86) Perylene-d12	20.11	264	210563	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	303905	49.01	ng	0.02
7) Phenol-d6	7.05	99	276900	33.05	ng	0.01
23) Nitrobenzene-d5	8.39	82	636099	74.54	ng	-0.01
41) 2,4,6-Tribromophenol	13.65	330	208176	93.58	ng	0.01
44) 2-Fluorobiphenyl	11.28	172	991377	60.38	ng	-0.01
78) Terphenyl-d14	17.09	244	848557	63.74	ng	0.00
Target Compounds						
49) Dimethylphthalate	11.99	163	120126	6.48	ng	# 56
59) Diethylphthalate	13.15	149	49488	2.74	ng	# 37

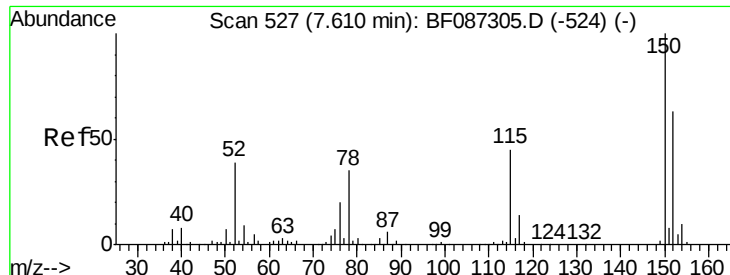
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF087516.D

Acq: 29 May 2016 12:16

Instrument :

BNA_F

ClientSampleId :

MW-30

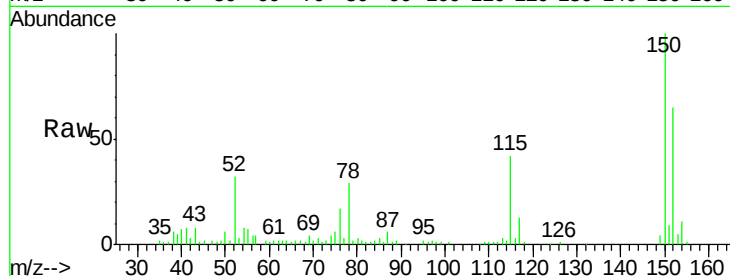
Tgt Ion:152 Resp: 108950

Ion Ratio Lower Upper

152 100

150 154.6 125.8 188.6

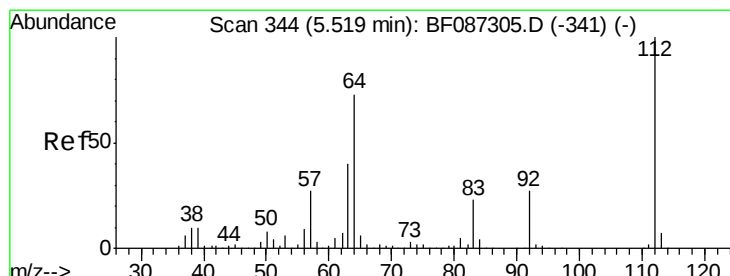
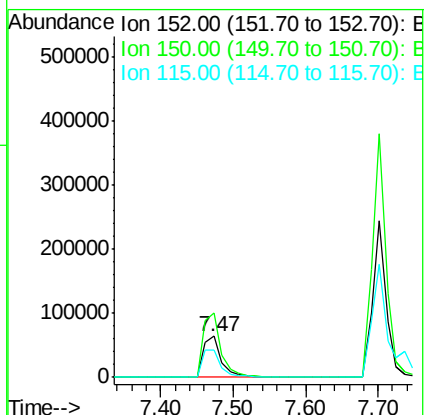
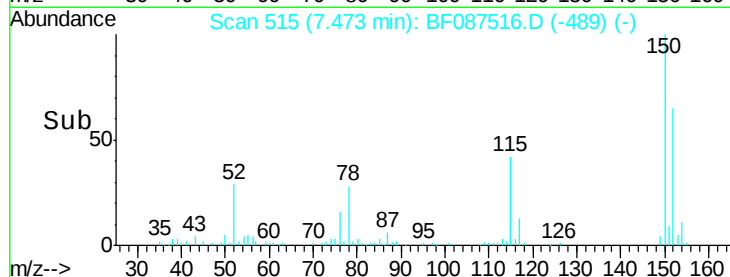
115 64.6 51.5 77.3



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: 49.01 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.02 min

Lab File: BF087516.D

Acq: 29 May 2016 12:16

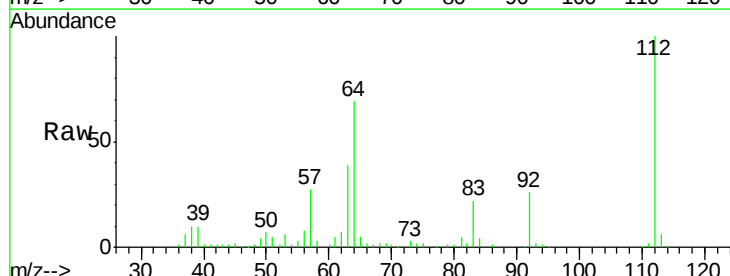
Tgt Ion:112 Resp: 303905

Ion Ratio Lower Upper

112 100

64 69.0 52.1 78.1

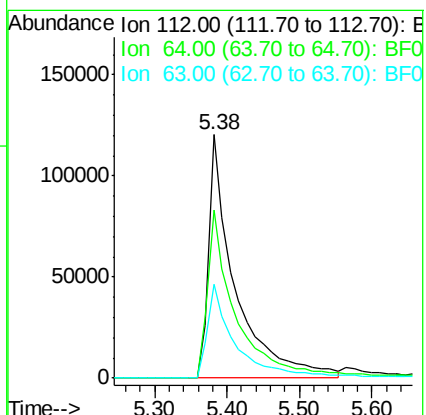
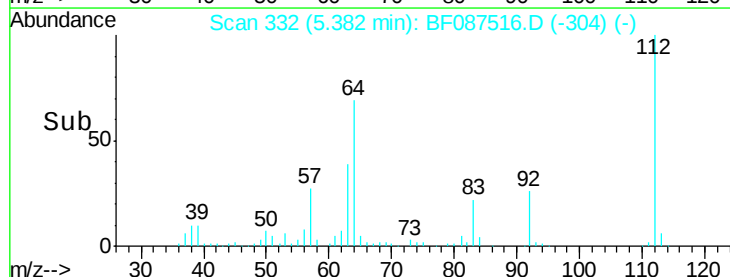
63 38.8 25.7 38.5#

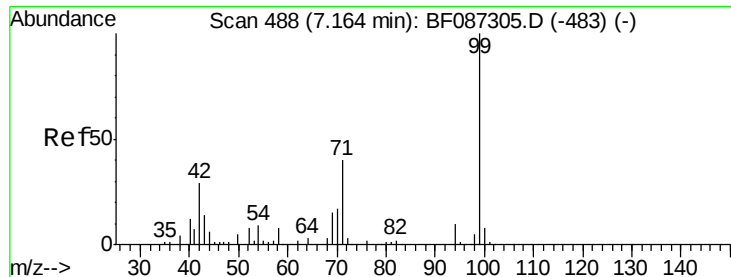


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.05 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.01 min

Lab File: BF087516.D

Acq: 29 May 2016 12:16

Instrument :

BNA_F

ClientSampled :

MW-30

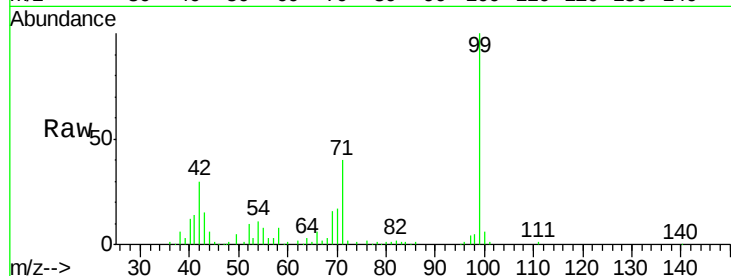
Tgt Ion: 99 Resp: 276900

Ion Ratio Lower Upper

99 100

42 30.1 13.6 20.4#

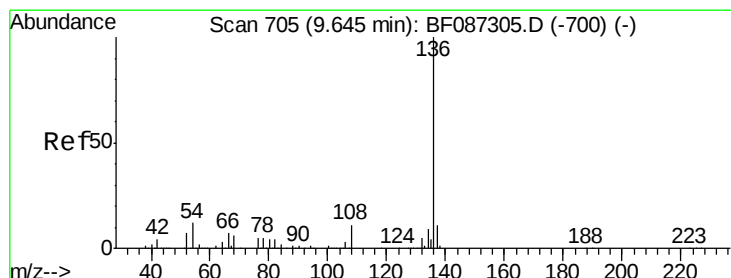
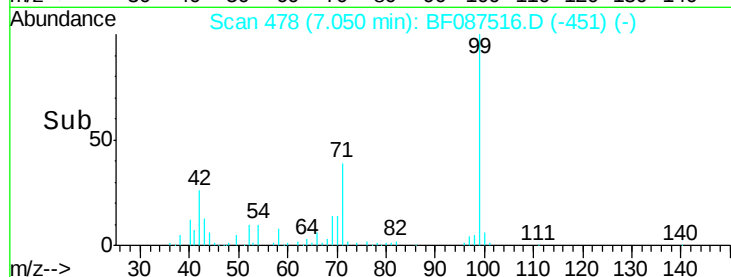
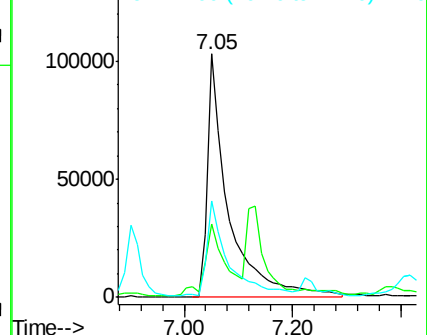
71 39.6 24.6 36.8#



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: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF087516.D

Acq: 29 May 2016 12:16

Tgt Ion: 136 Resp: 430090

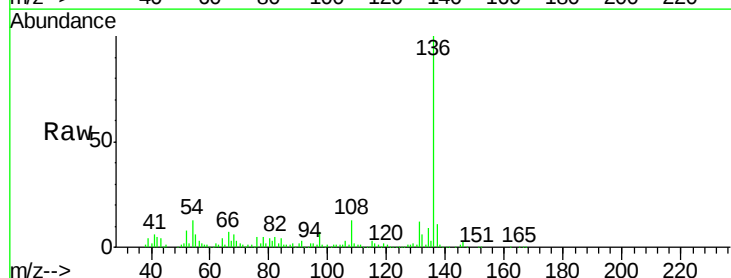
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 13.3 5.0 7.4#

68 6.5 4.4 6.6

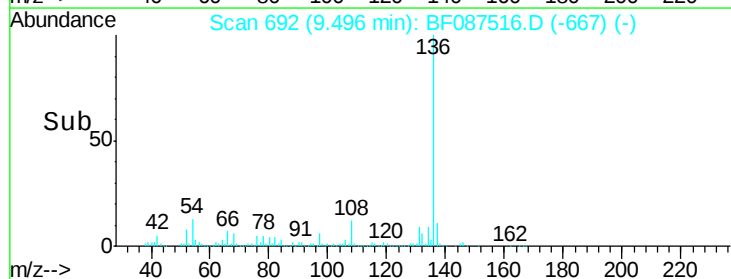
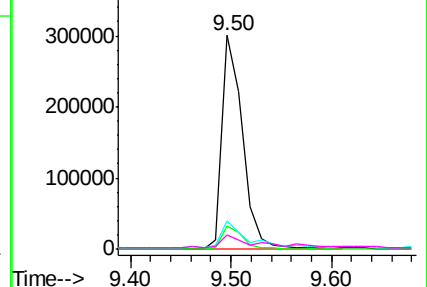


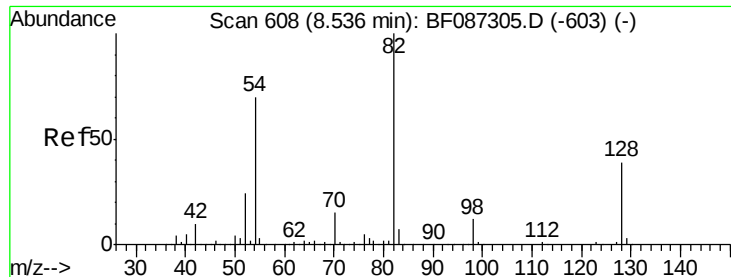
Abundance Ion 136.00 (135.70 to 136.70): E

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

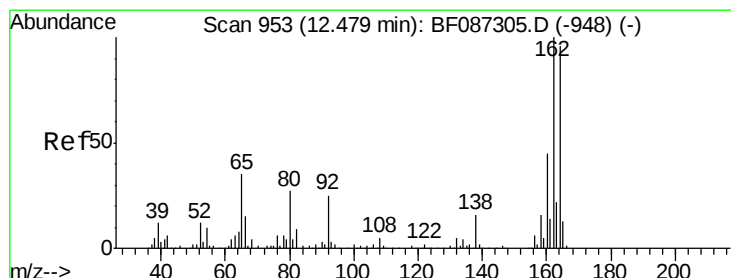
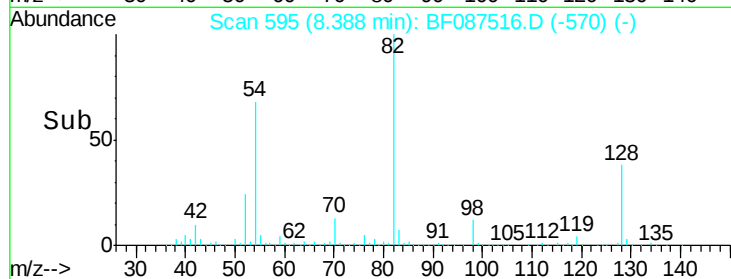
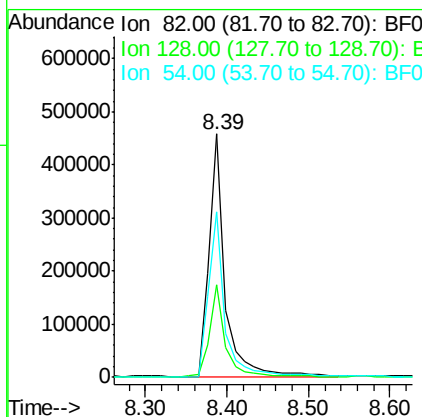
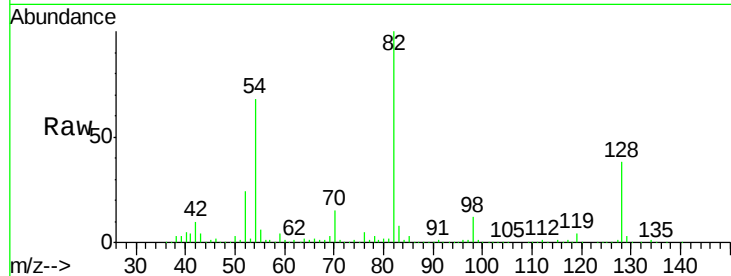




#23
 Nitrobenzene-d5
 Concen: 74.54 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF087516.D
 Acq: 29 May 2016 12:16

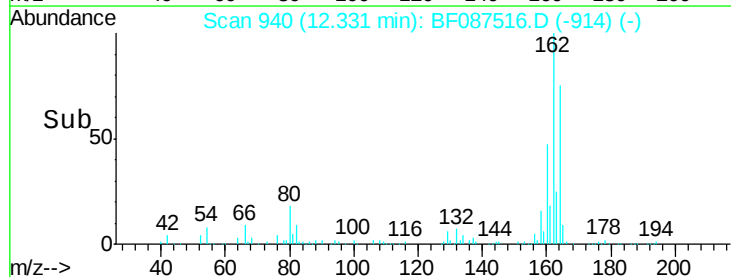
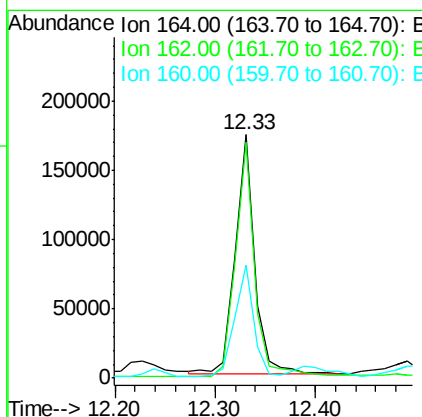
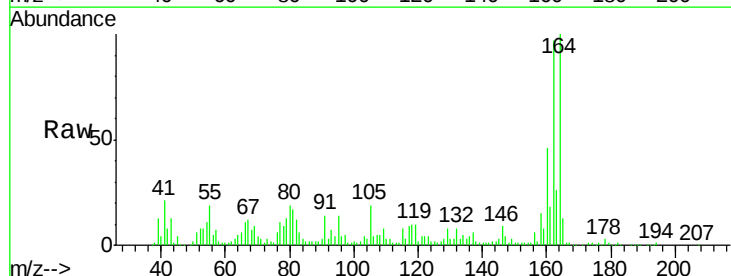
Instrument :
 BNA_F
 ClientSampleId :
 MW-30

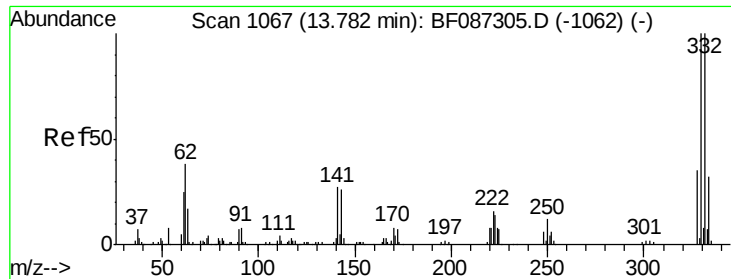
Tgt Ion: 82 Resp: 636099
 Ion Ratio Lower Upper
 82 100
 128 38.2 40.6 61.0#
 54 67.8 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.33 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF087516.D
 Acq: 29 May 2016 12:16

Tgt Ion: 164 Resp: 231483
 Ion Ratio Lower Upper
 164 100
 162 97.1 82.8 124.2
 160 46.4 36.9 55.3

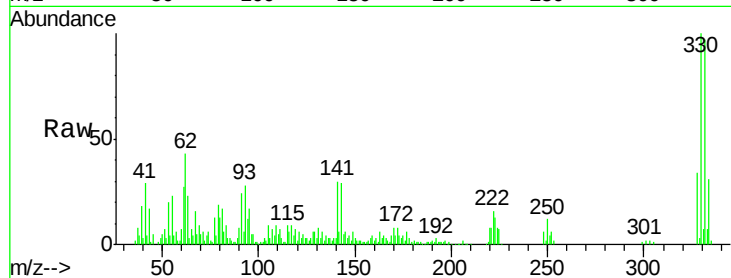




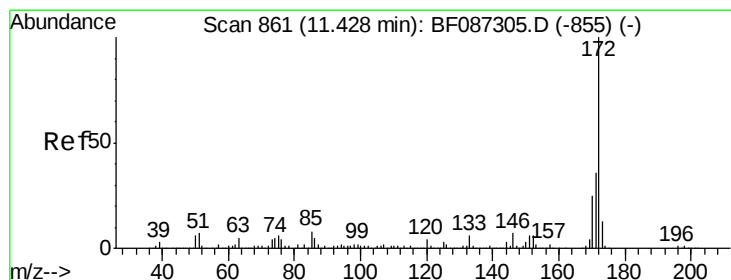
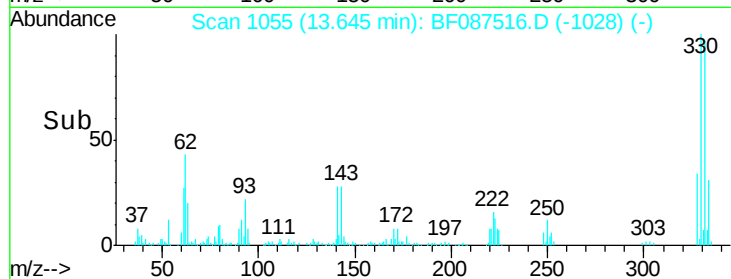
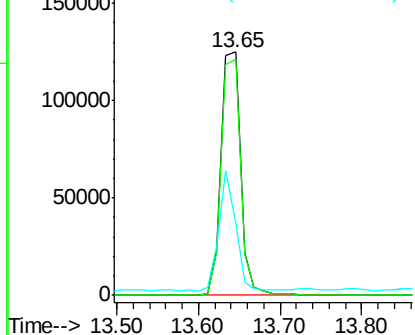
#41
 2,4,6-Tribromophenol
 Concen: 93.58 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: BF087516.D
 Acq: 29 May 2016 12:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.0	118.4
141	42.8	31.2	46.8

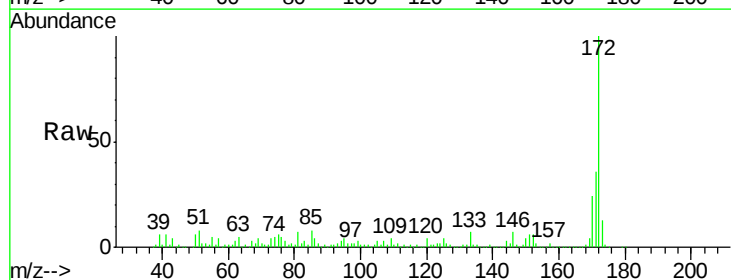


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

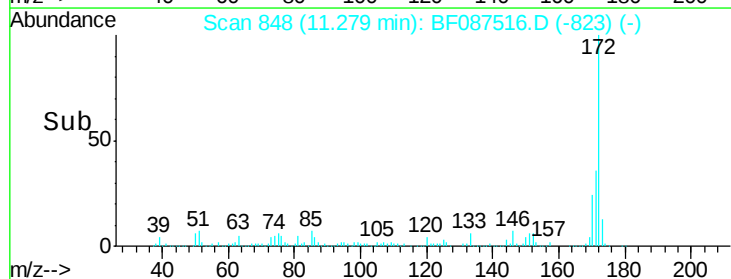
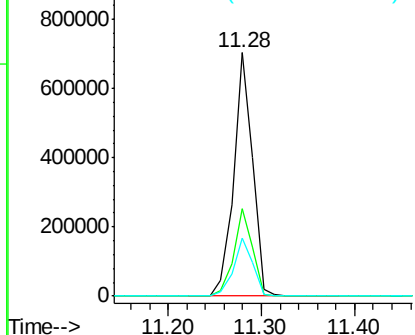


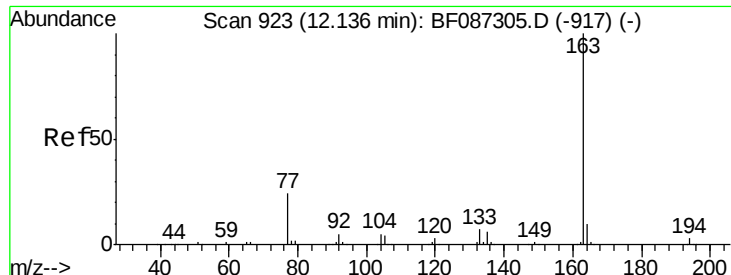
#44
 2-Fluorobiphenyl
 Concen: 60.38 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087516.D
 Acq: 29 May 2016 12:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.1	19.8	29.8



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





#49

Dimethylphthalate

Concen: 6.48 ng

RT: 11.99 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF087516.D

Acq: 29 May 2016 12:16

Instrument :

BNA_F

ClientSampleId :

MW-30

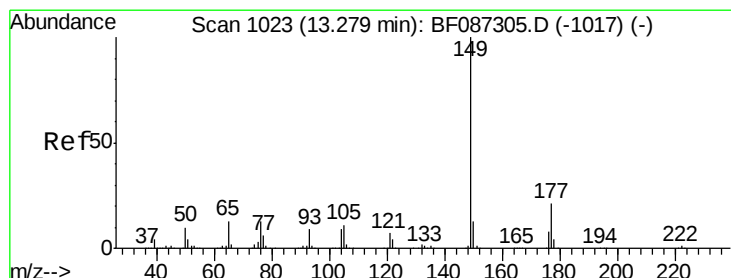
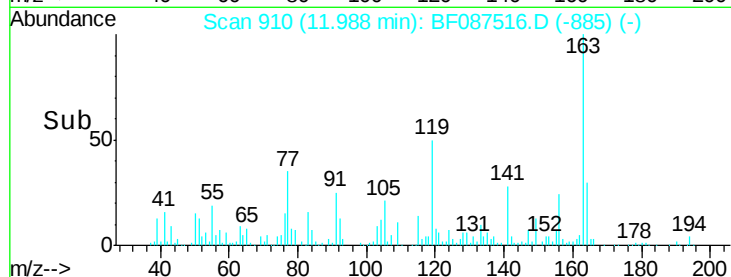
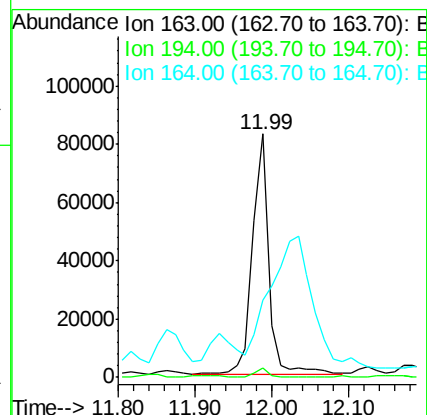
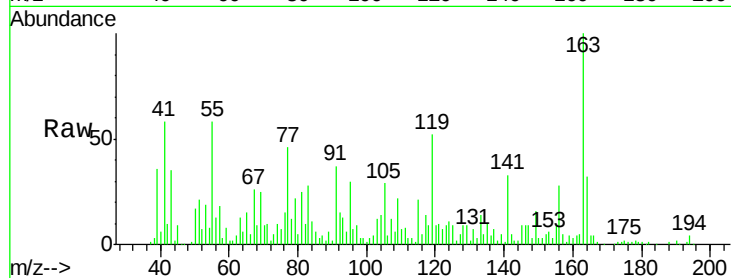
Tgt Ion:163 Resp: 120126

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

164 31.7 8.2 12.4#



#59

Diethylphthalate

Concen: 2.74 ng

RT: 13.15 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF087516.D

Acq: 29 May 2016 12:16

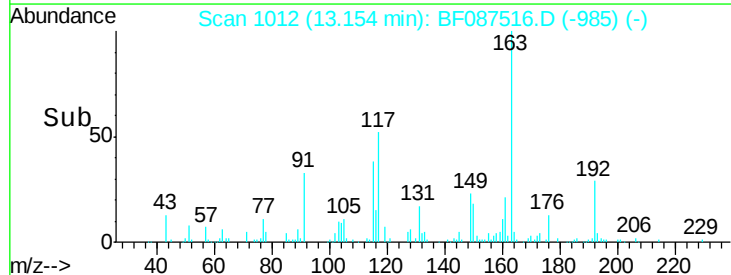
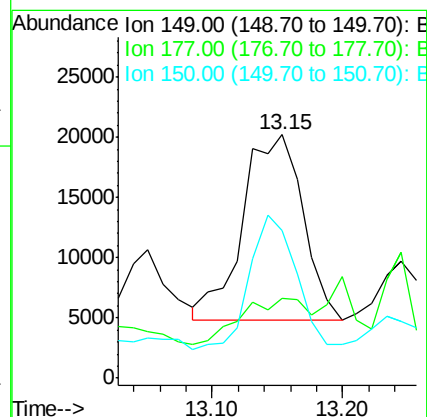
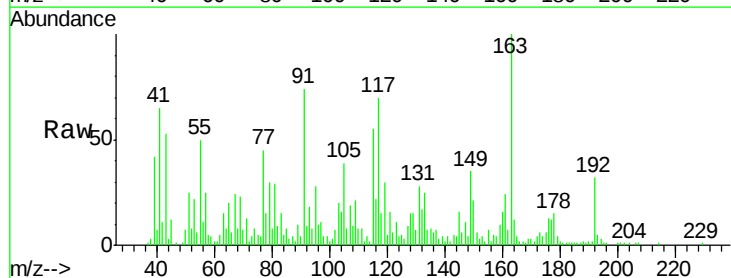
Tgt Ion:149 Resp: 49488

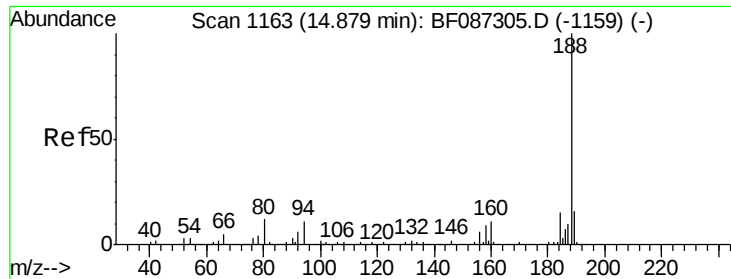
Ion Ratio Lower Upper

149 100

177 33.0 16.6 24.8#

150 60.7 10.0 15.0#

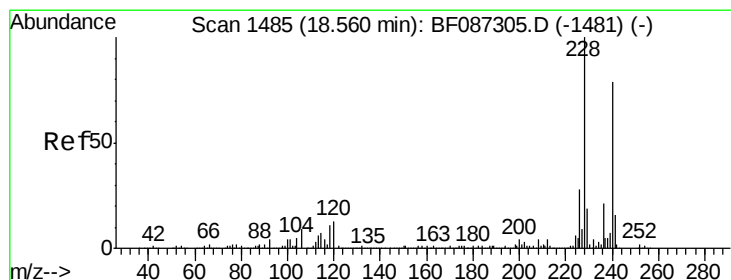
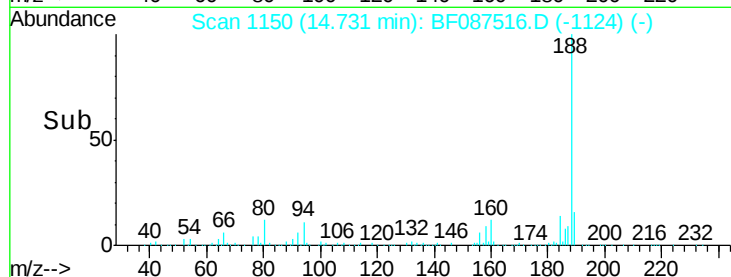
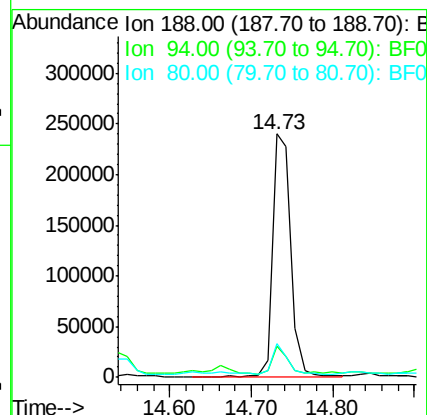
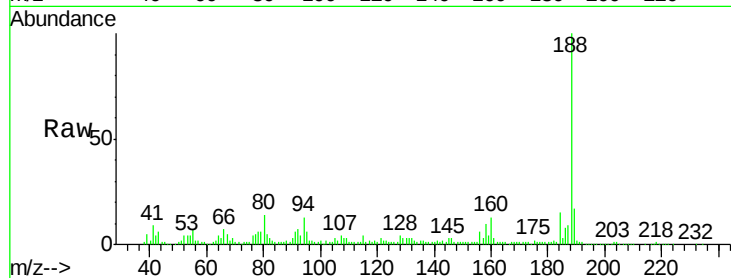




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF087516.D
Acq: 29 May 2016 12:16

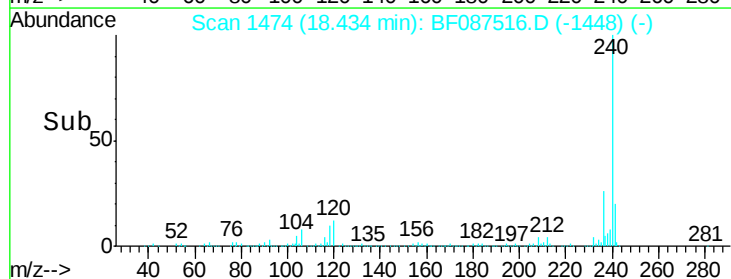
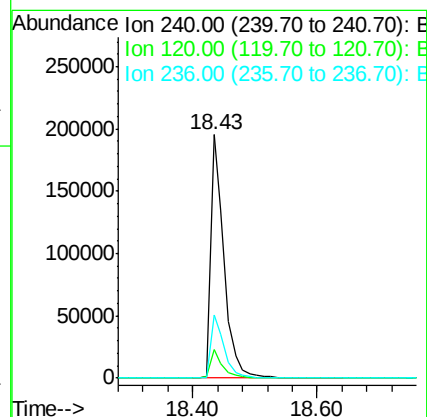
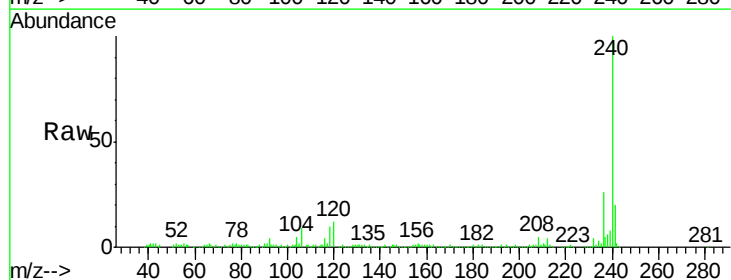
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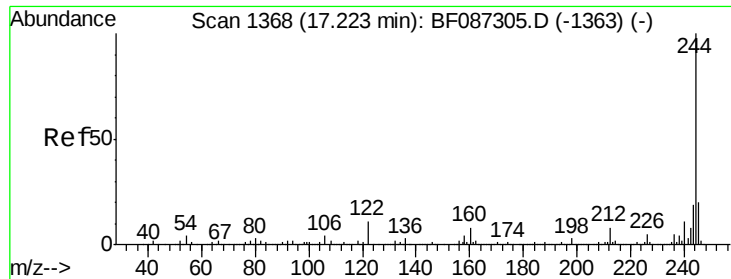
Tgt Ion:188 Resp: 370806
Ion Ratio Lower Upper
188 100
94 12.7 6.8 10.2#
80 13.9 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.43 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BF087516.D
Acq: 29 May 2016 12:16

Tgt Ion:240 Resp: 283048
Ion Ratio Lower Upper
240 100
120 11.8 11.2 16.8
236 26.1 21.2 31.8

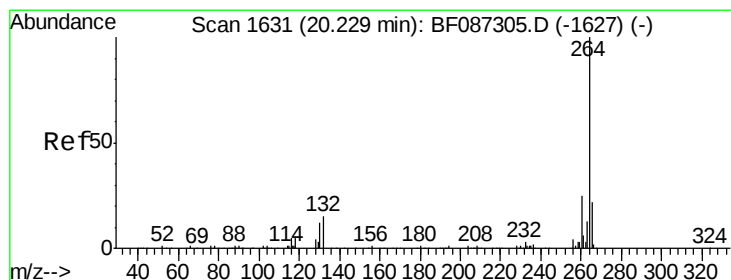
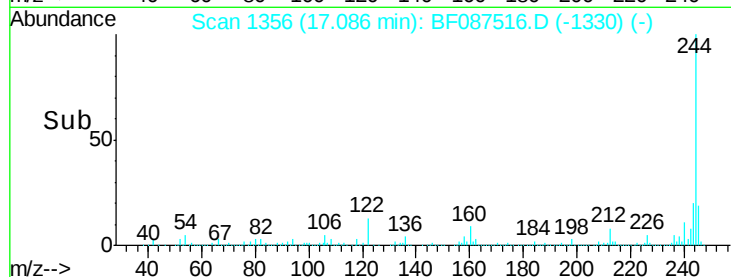
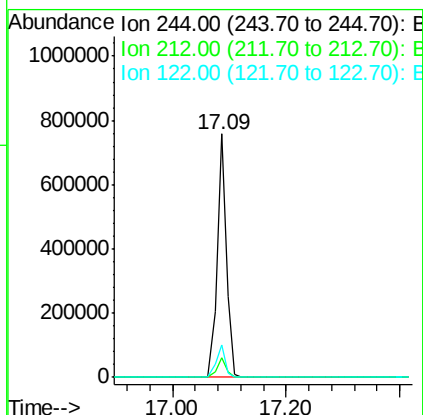
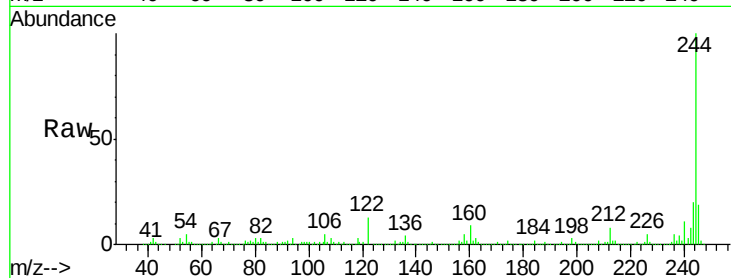




#78
 Terphenyl-d14
 Concen: 63.74 ng
 RT: 17.09 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF087516.D
 Acq: 29 May 2016 12:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-30

Tgt Ion:244 Resp: 848557
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.2
 122 13.1 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.11 min Scan# 1621
 Delta R.T. 0.01 min
 Lab File: BF087516.D
 Acq: 29 May 2016 12:16

Tgt Ion:264 Resp: 210563
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.5 17.3 25.9

