

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
 Data File : BF089166.D
 Acq On : 21 Jul 2016 8:17
 Operator : UM/SJ
 Sample : H4089-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-33A-9-11

Quant Time: Jul 21 15:42:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 16:40:20 2016
 Response via : Initial Calibration

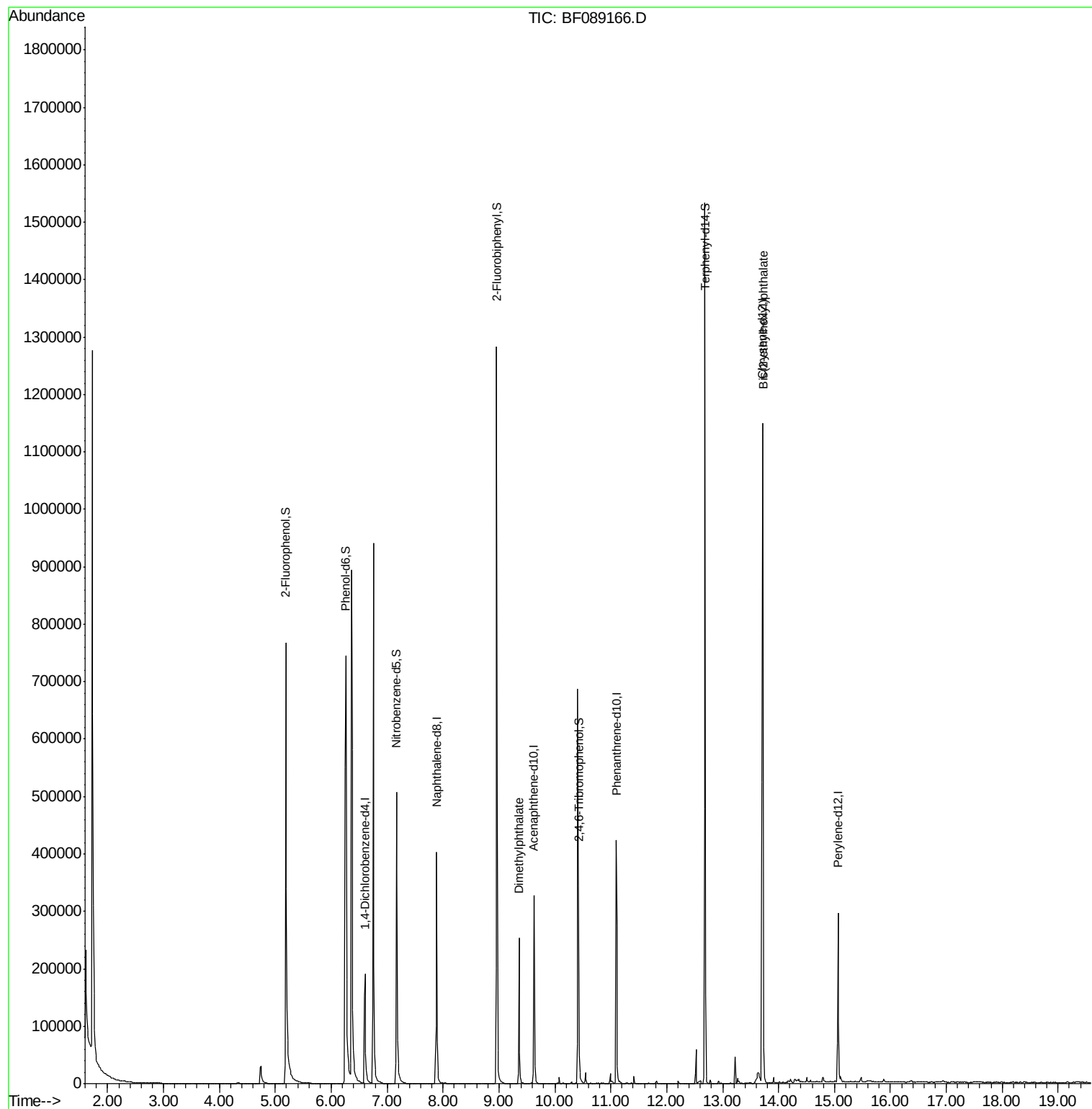
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	50659	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	223815	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	106330	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	209552	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	151102	20.00	ng	-0.01
86) Perylene-d12	15.06	264	122916	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	320356	96.18	ng	0.00
7) Phenol-d6	6.26	99	454166	105.73	ng	-0.01
23) Nitrobenzene-d5	7.16	82	273111	64.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	88469	92.41	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	490110	63.51	ng	-0.01
78) Terphenyl-d14	12.68	244	471697	67.71	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.36	163	111011	13.61	ng	98
83) Bis(2-ethylhexyl)phthalate	13.73	149	640087	91.42	ng	94

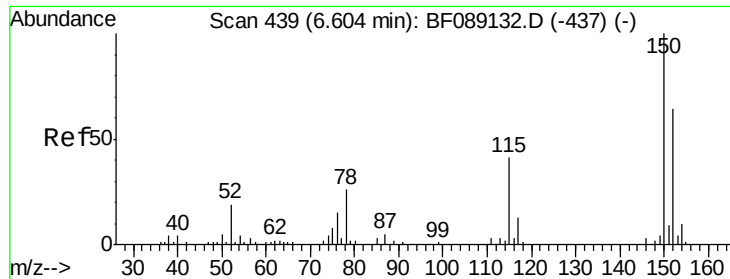
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF089166.D

Acq: 21 Jul 2016 8:17

Instrument :

BNA_F

ClientSampleId :

LOCATION-33A-9-11

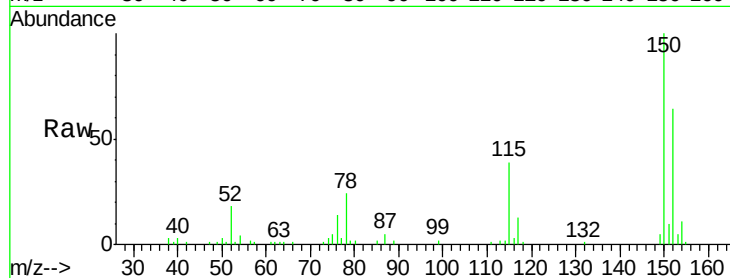
Tot Ion:152 Resp: 50659

Ion Ratio Lower Upper

152 100

150 157.3 125.1 187.7

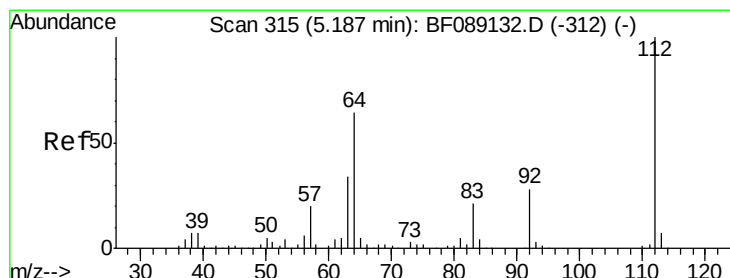
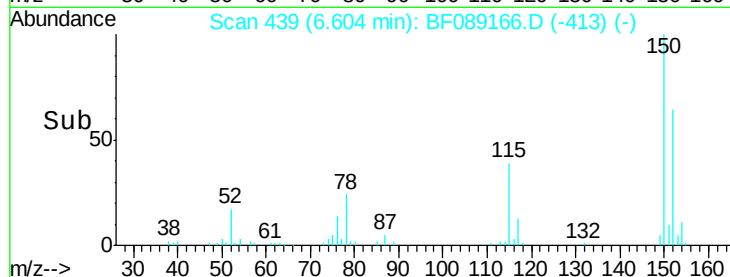
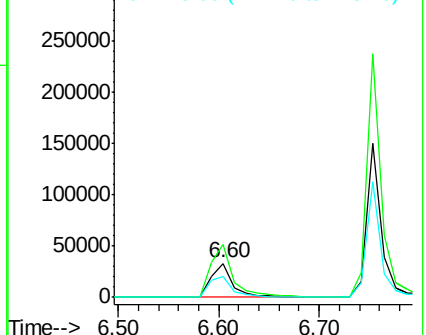
115 61.4 51.1 76.7



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: 96.18 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF089166.D

Acq: 21 Jul 2016 8:17

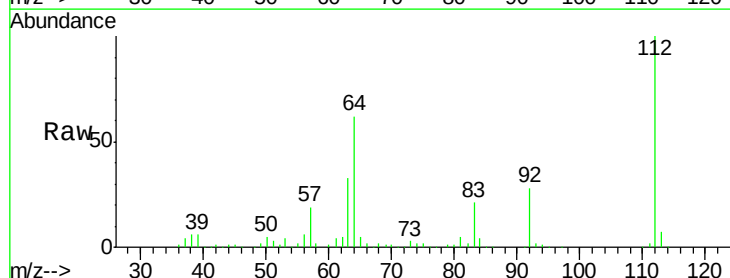
Tgt Ion:112 Resp: 320356

Ion Ratio Lower Upper

112 100

64 62.4 51.0 76.4

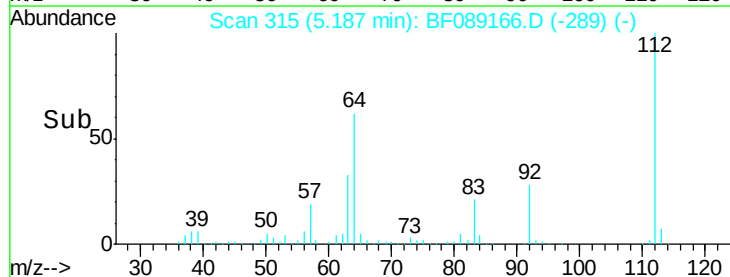
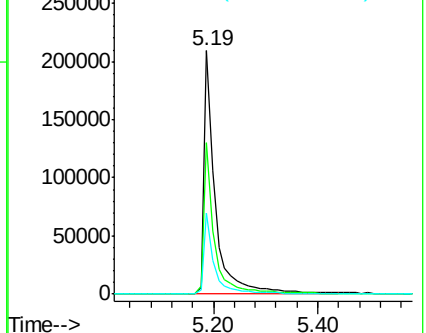
63 33.2 27.3 40.9

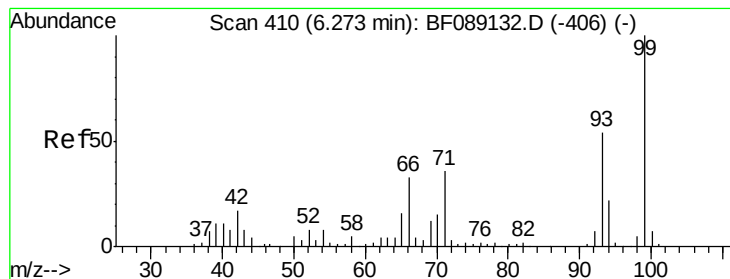


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.73 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089166.D

Acq: 21 Jul 2016 8:17

Instrument :

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ClientSampleId :

LOCATION-33A-9-11

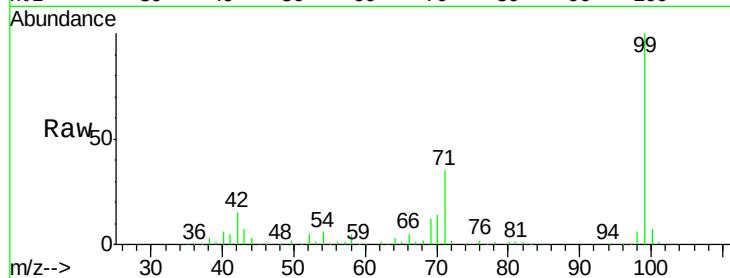
Tot Ion: 99 Resp: 454166

Ion Ratio Lower Upper

99 100

42 14.9 13.5 20.3

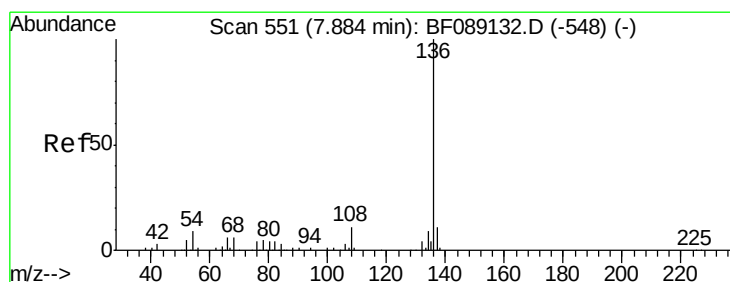
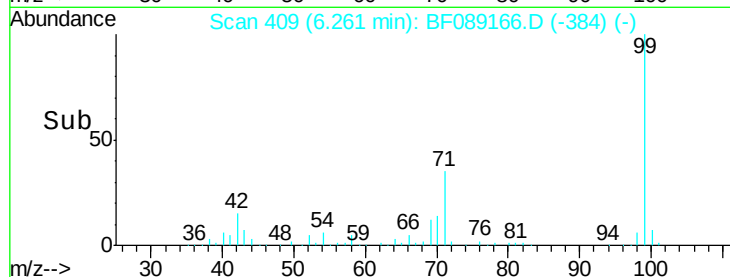
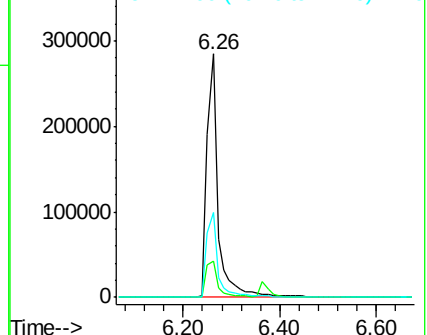
71 34.8 28.9 43.3



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: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089166.D

Acq: 21 Jul 2016 8:17

Tgt Ion: 136 Resp: 223815

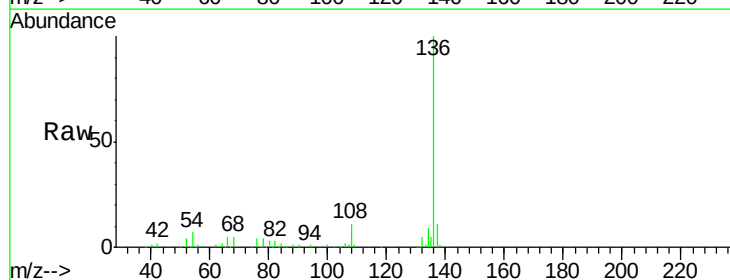
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.5 7.0 10.4#

68 5.0 5.0 7.6#

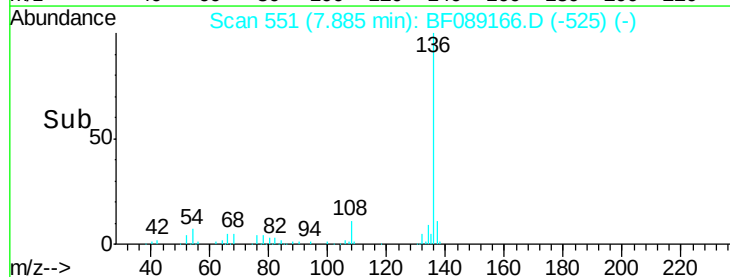
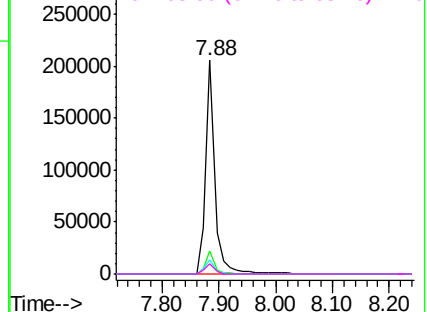


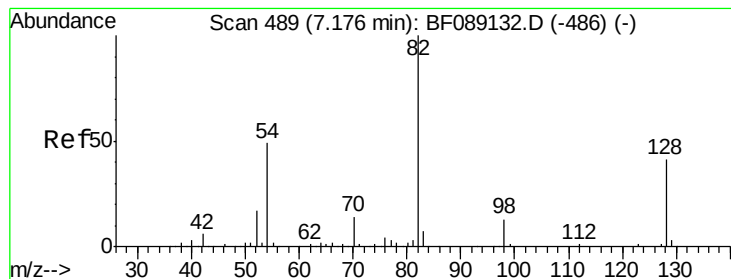
Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.84 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF089166.D

Acq: 21 Jul 2016 8:17

Instrument :

BNA_F

ClientSampleId :

LOCATION-33A-9-11

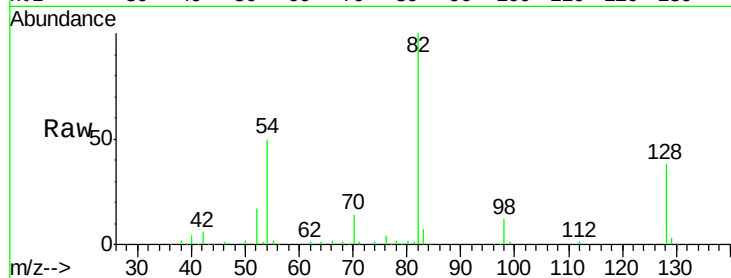
Tot Ion: 82 Resp: 273111

Ion Ratio Lower Upper

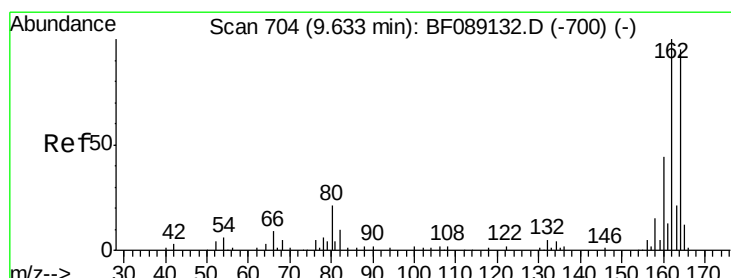
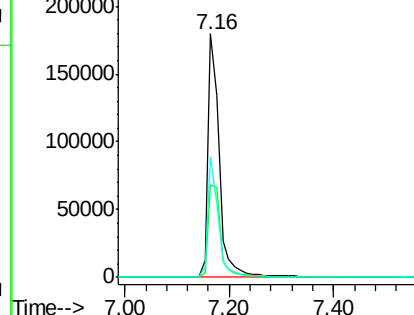
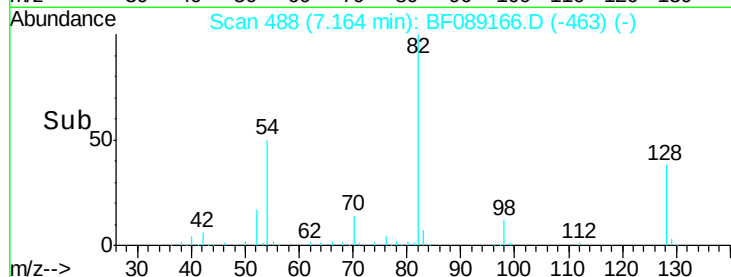
82 100

128 37.8 33.0 49.6

54 49.7 39.0 58.4



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: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF089166.D

Acq: 21 Jul 2016 8:17

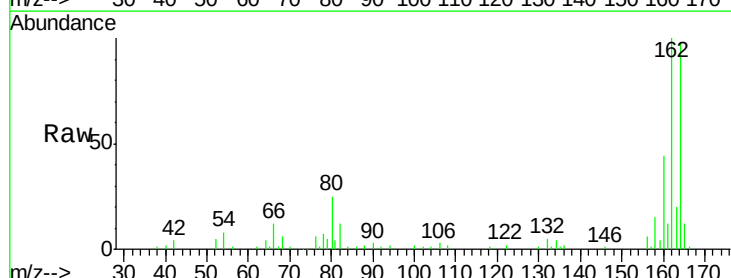
Tgt Ion: 164 Resp: 106330

Ion Ratio Lower Upper

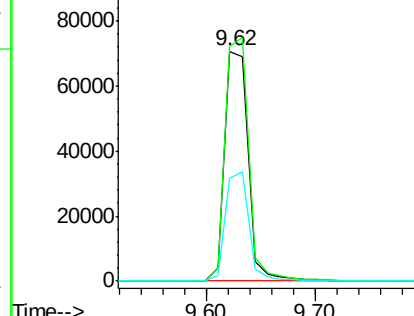
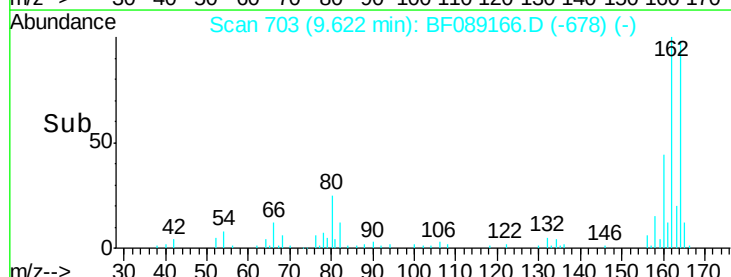
164 100

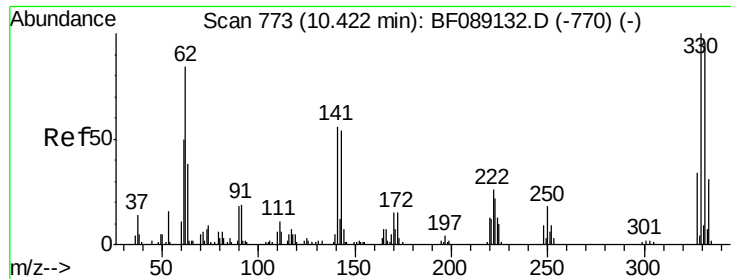
162 102.3 84.1 126.1

160 44.8 37.1 55.7



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

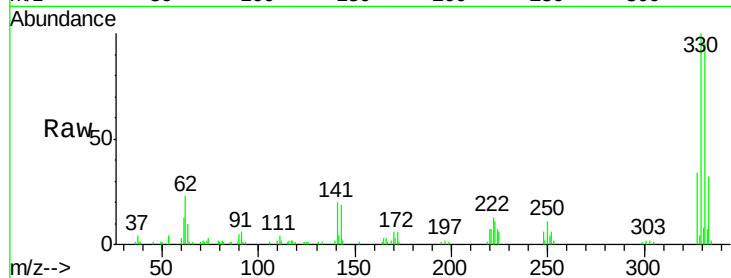




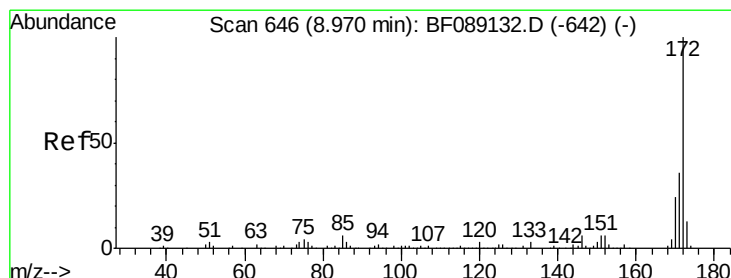
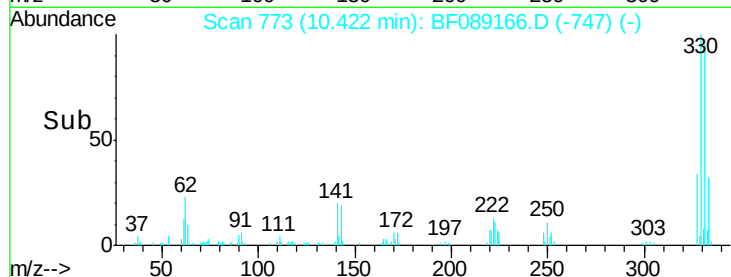
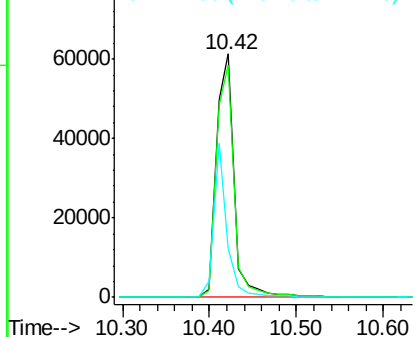
#41
 2,4,6-Tribromophenol
 Concen: 92.41 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089166.D
 Acq: 21 Jul 2016 8:17

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-33A-9-11

Tot Ion:330 Resp: 88469
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.2 115.8
 141 47.6 42.2 63.2

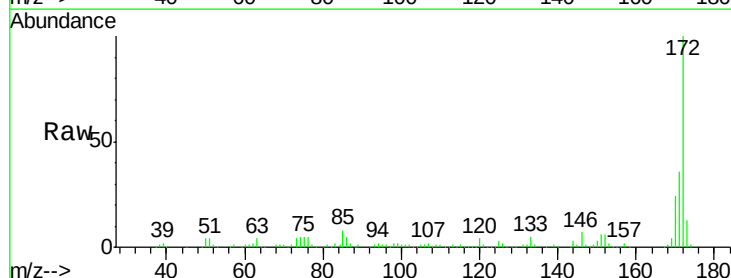


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

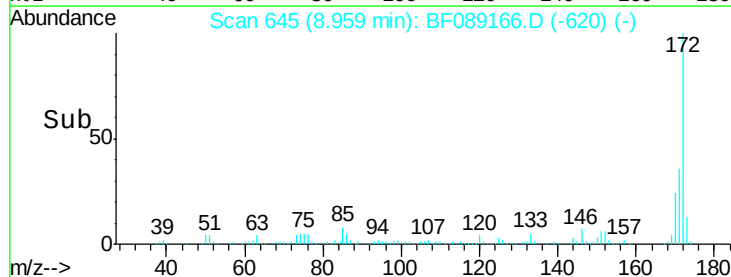
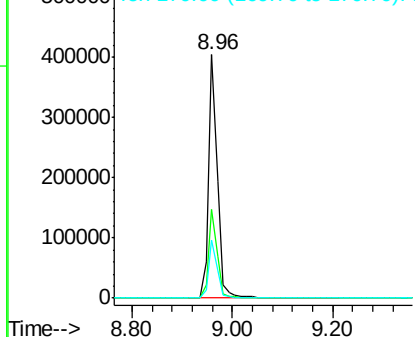


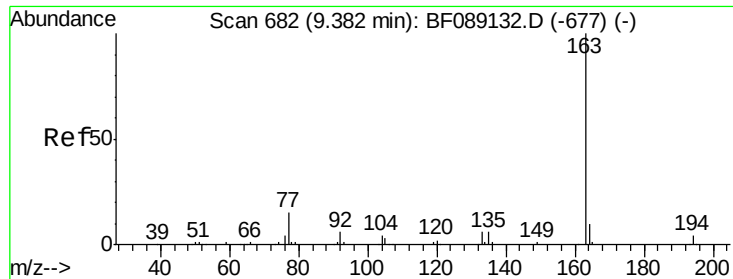
#44
 2-Fluorobiphenyl
 Concen: 63.51 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089166.D
 Acq: 21 Jul 2016 8:17

Tgt Ion:172 Resp: 490110
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.2 43.8
 170 23.8 19.1 28.7



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

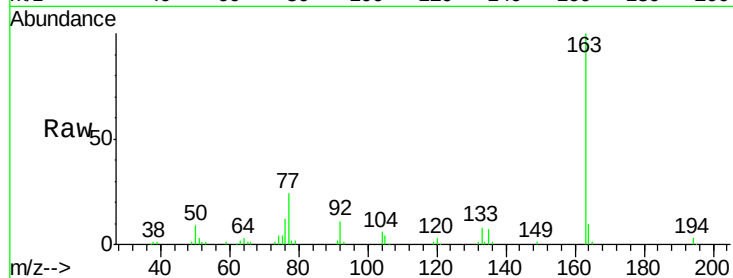




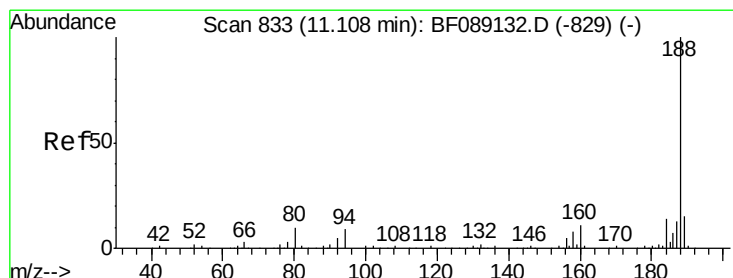
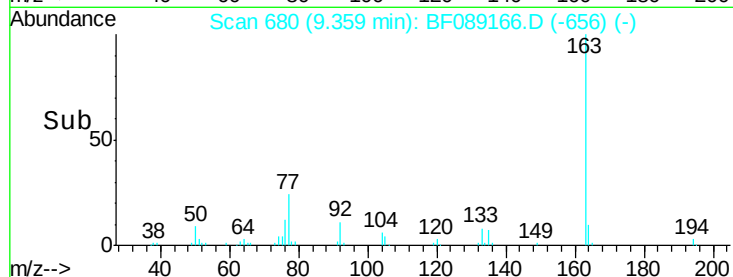
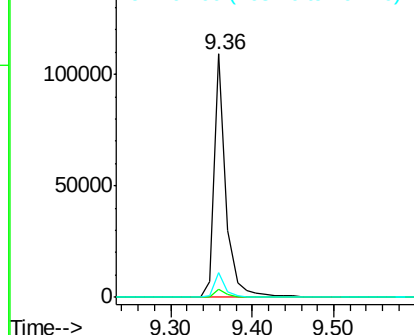
#49
Dimethylphthalate
Concen: 13.61 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089166.D
Acq: 21 Jul 2016 8:17

Instrument :
BNA_F
ClientSampleId :
LOCATION-33A-9-11

Tot Ion:163 Resp: 111011
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.3 7.6 11.4

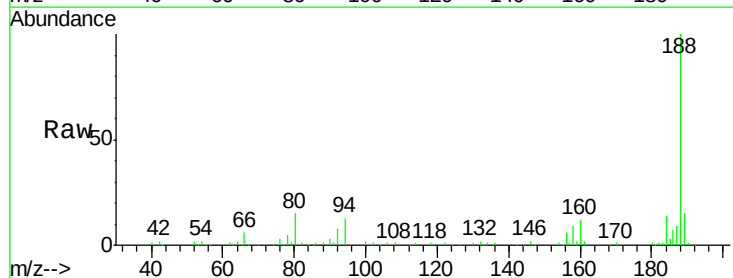


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

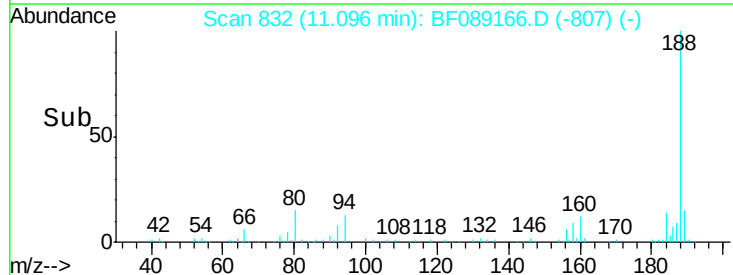
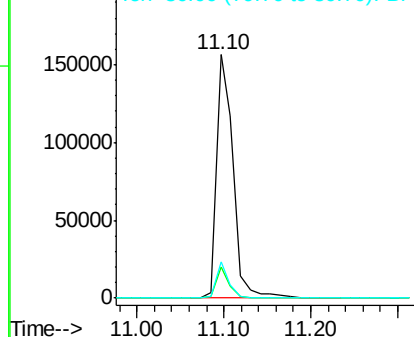


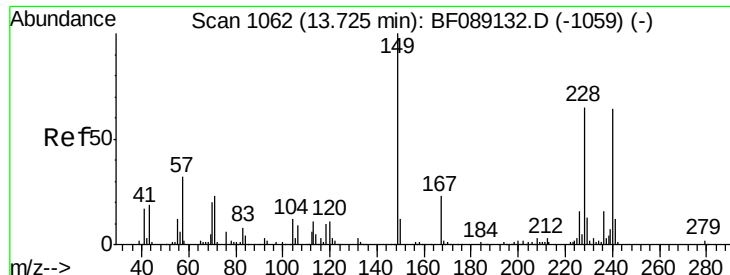
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF089166.D
Acq: 21 Jul 2016 8:17

Tgt Ion:188 Resp: 209552
Ion Ratio Lower Upper
188 100
94 12.9 7.0 10.4#
80 14.7 7.7 11.5#



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: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089166.D

Acq: 21 Jul 2016 8:17

Instrument :

BNA_F

ClientSampleId :

LOCATION-33A-9-11

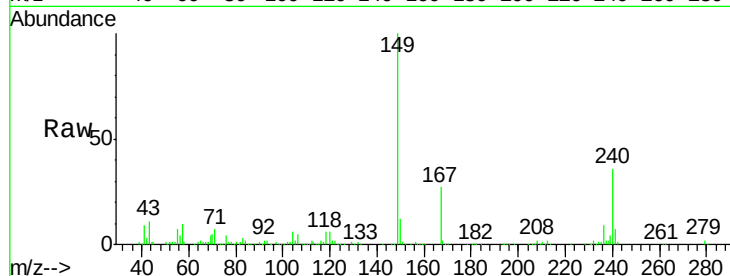
Tot Ion:240 Resp: 151102

Ion Ratio Lower Upper

240 100

120 17.7 13.6 20.4

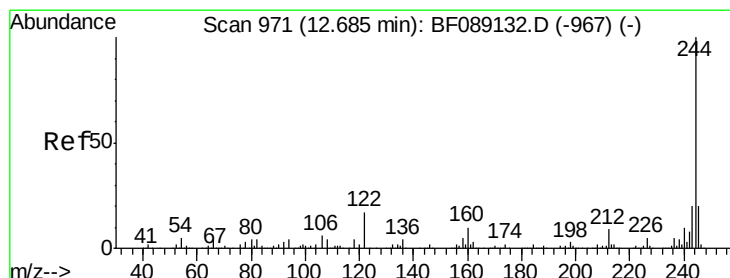
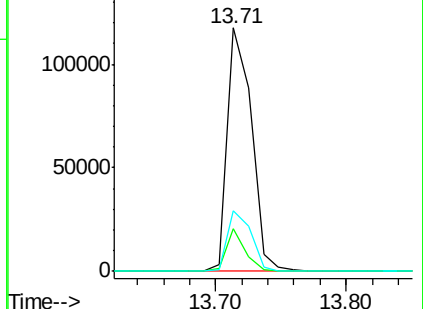
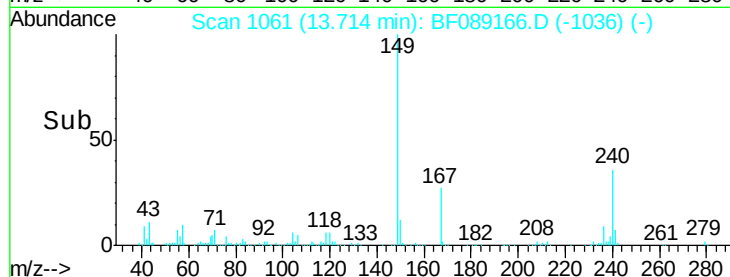
236 25.0 20.5 30.7



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: 67.71 ng

RT: 12.68 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF089166.D

Acq: 21 Jul 2016 8:17

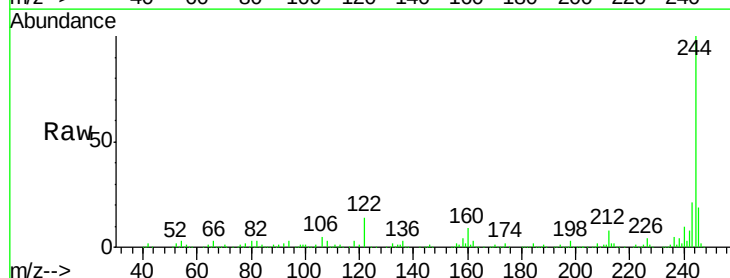
Tgt Ion:244 Resp: 471697

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.4

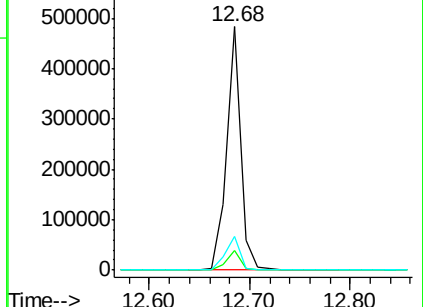
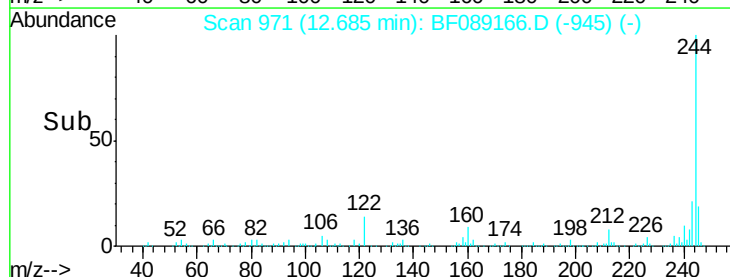
122 14.0 13.8 20.8

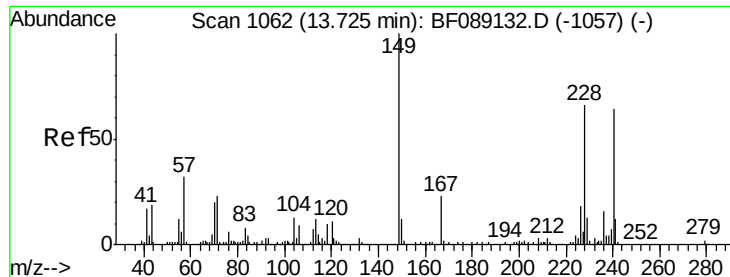


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

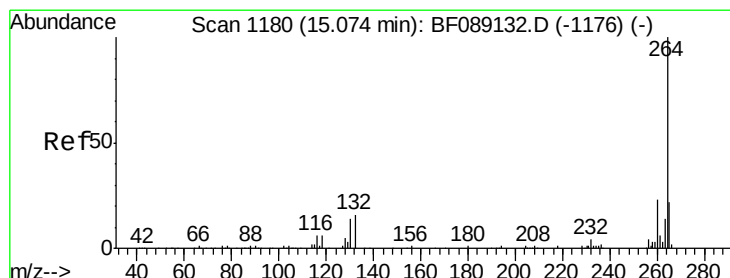
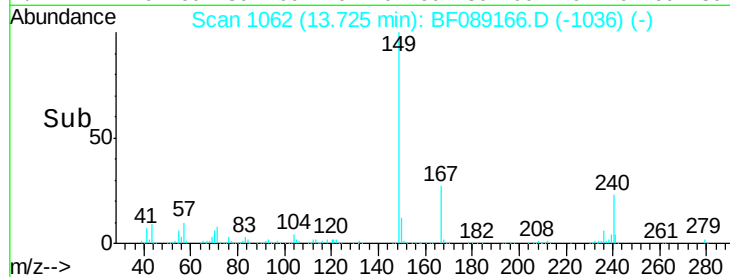
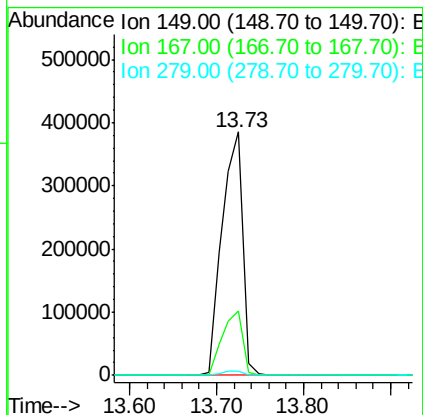
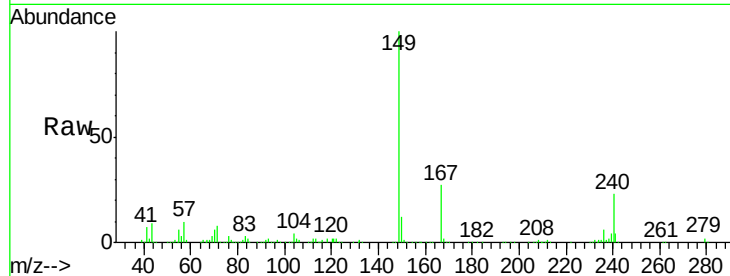




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 91.42 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF089166.D
 Acq: 21 Jul 2016 8:17

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-33A-9-11

Tot Ion:149 Resp: 640087
 Ion Ratio Lower Upper
 149 100
 167 26.5 18.6 28.0
 279 2.0 1.6 2.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF089166.D
 Acq: 21 Jul 2016 8:17

Tgt Ion:264 Resp: 122916
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.5 27.7
 265 21.3 17.3 25.9

