

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
 Data File : BF089165.D
 Acq On : 21 Jul 2016 7:47
 Operator : UM/SJ
 Sample : H4019-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-31

Quant Time: Jul 21 08:16:10 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 19:03:15 2016
 Response via : Initial Calibration

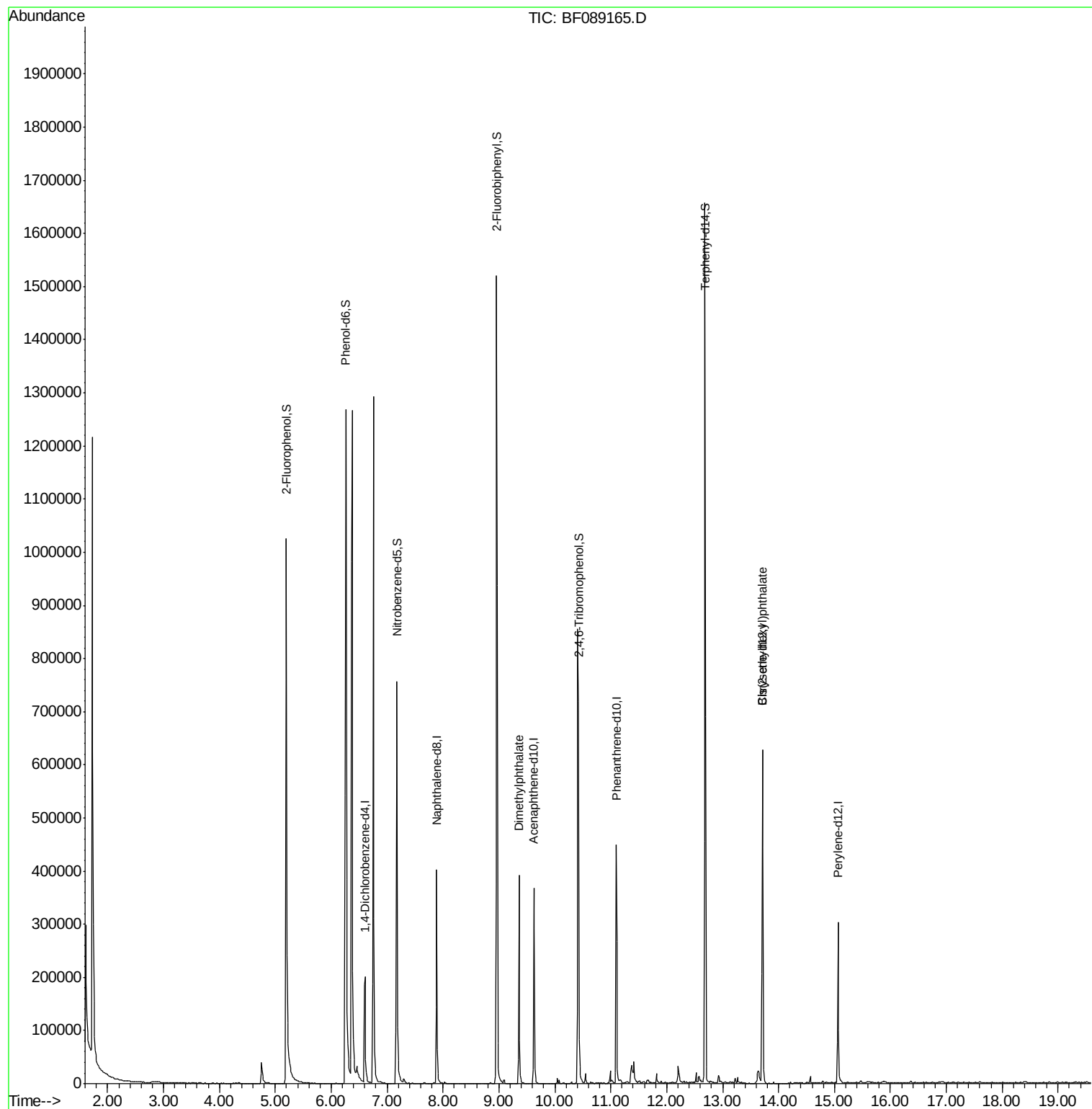
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	52557	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	231247	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	106083	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	216005	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	154286	20.00	ng	-0.01
86) Perylene-d12	15.06	264	123211	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	502804	145.50	ng	0.01
7) Phenol-d6	6.26	99	646983	145.18	ng	-0.01
23) Nitrobenzene-d5	7.18	82	414513	95.24	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	147089	154.00	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	708717	92.05	ng	-0.01
78) Terphenyl-d14	12.69	244	620210	87.19	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.36	163	174167	21.39	ng	98
83) Bis(2-ethylhexyl)phthalate	13.71	149	189687	26.53	ng	95

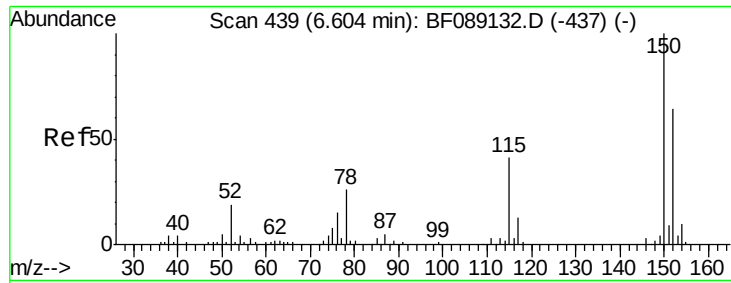
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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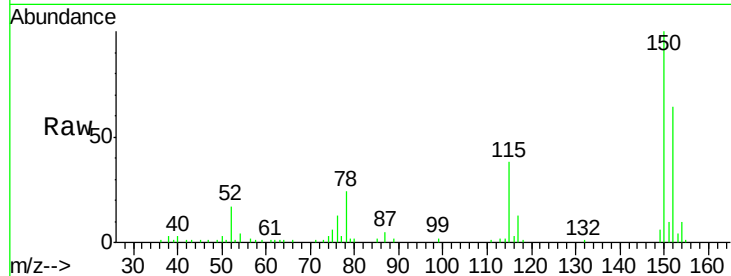


#1

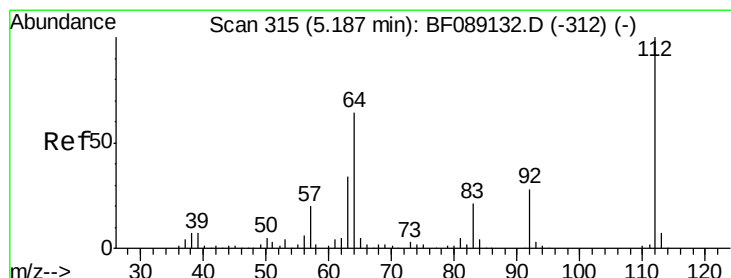
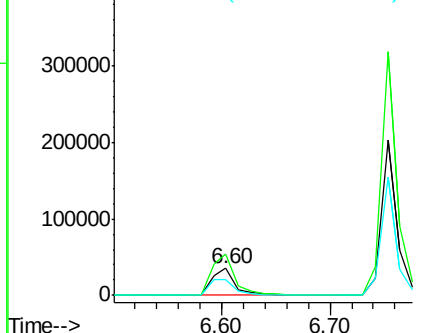
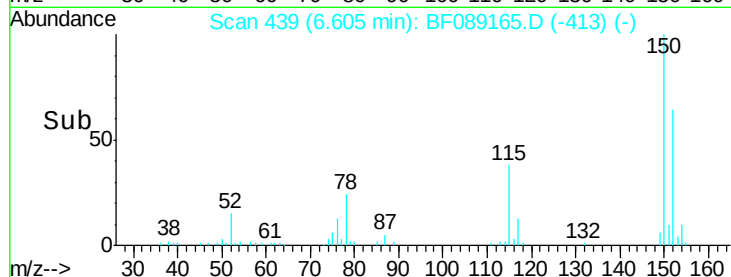
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF089165.D
Acq: 21 Jul 2016 7:47

Instrument :
BNA_F
ClientSampleId :
LOCATION-SGS-31

Tot Ion:152 Resp: 52557
Ion Ratio Lower Upper
152 100
150 155.1 125.1 187.7
115 59.3 51.1 76.7



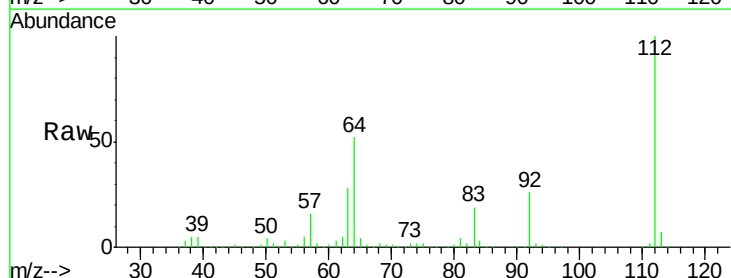
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



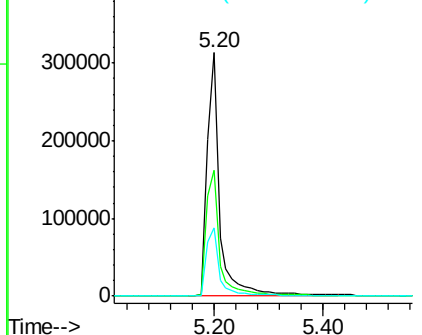
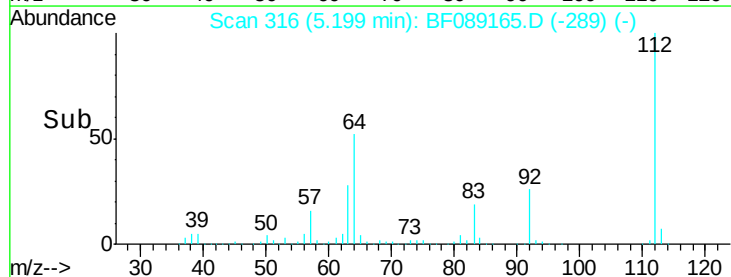
#5

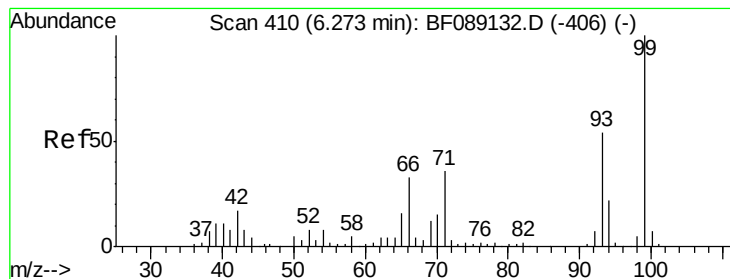
2-Fluorophenol
Concen: 145.50 ng
RT: 5.20 min Scan# 316
Delta R.T. 0.01 min
Lab File: BF089165.D
Acq: 21 Jul 2016 7:47

Tgt Ion:112 Resp: 502804
Ion Ratio Lower Upper
112 100
64 51.8 51.0 76.4
63 28.3 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: 145.18 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089165.D

Acq: 21 Jul 2016 7:47

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-31

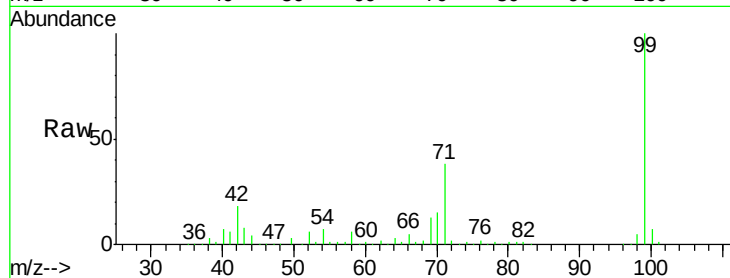
Tot Ion: 99 Resp: 646983

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

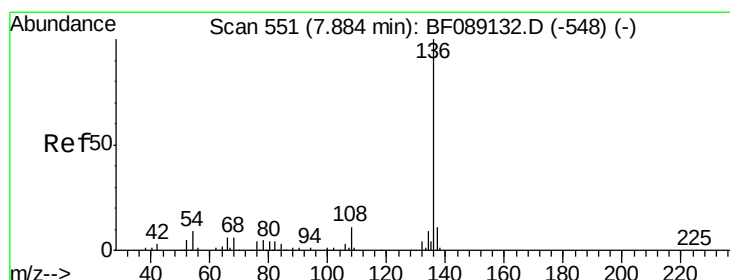
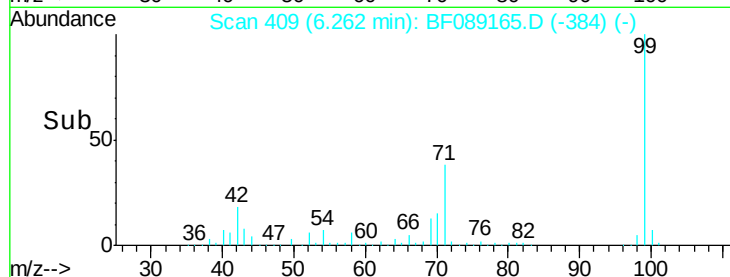
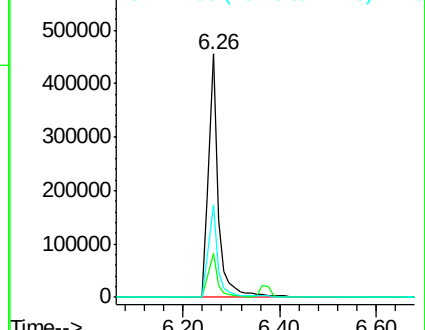
71 38.2 28.9 43.3



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: BF089165.D

Acq: 21 Jul 2016 7:47

Tgt Ion: 136 Resp: 231247

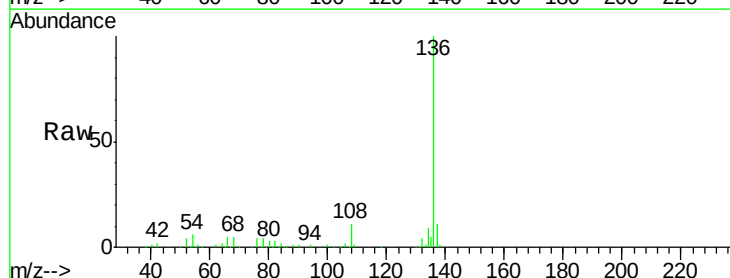
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.2 7.0 10.4#

68 5.0 5.0 7.6#

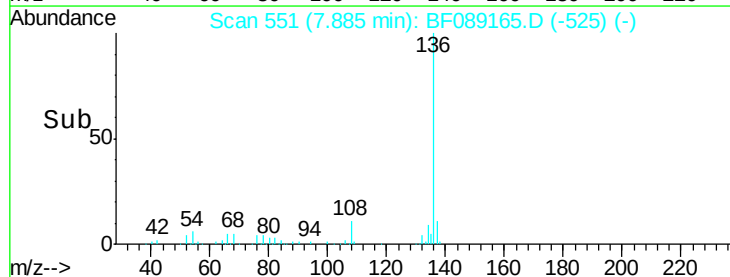
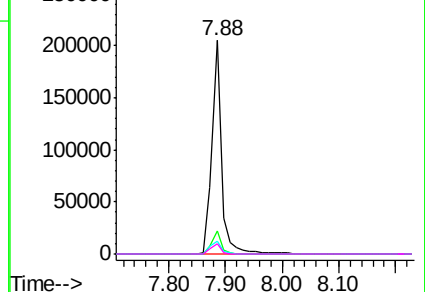


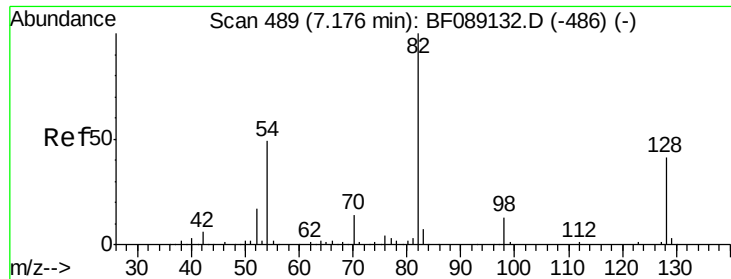
Abundance Ion 136.00 (135.70 to 136.70): E

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

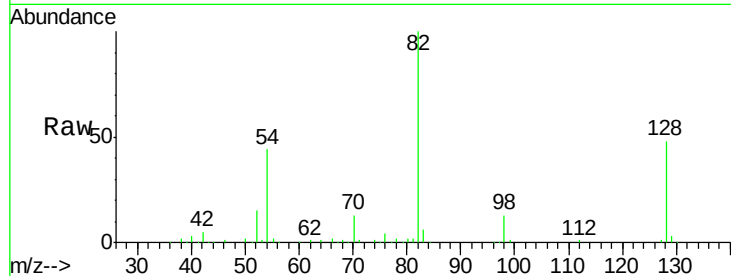




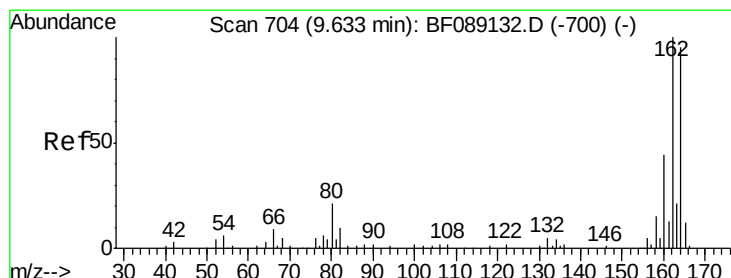
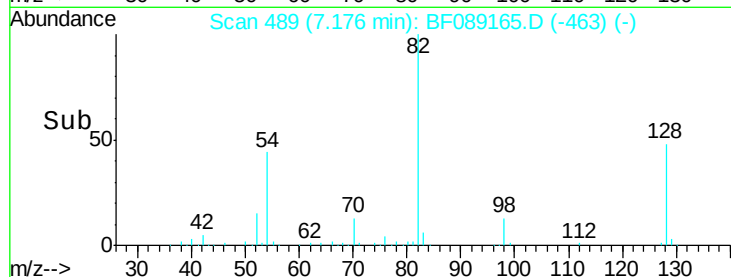
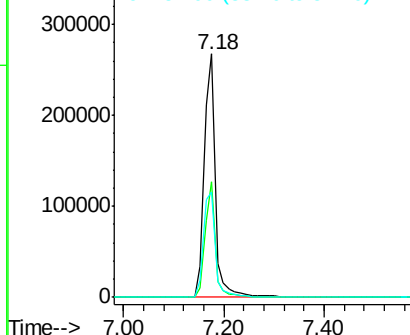
#23
 Nitrobenzene-d5
 Concen: 95.24 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF089165.D
 Acq: 21 Jul 2016 7:47

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-31

Tot Ion: 82 Resp: 414513
 Ion Ratio Lower Upper
 82 100
 128 47.6 33.0 49.6
 54 43.5 39.0 58.4

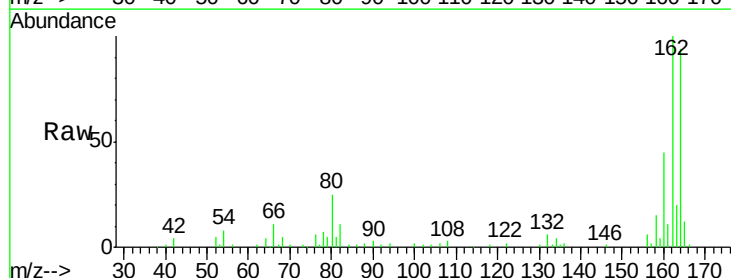


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

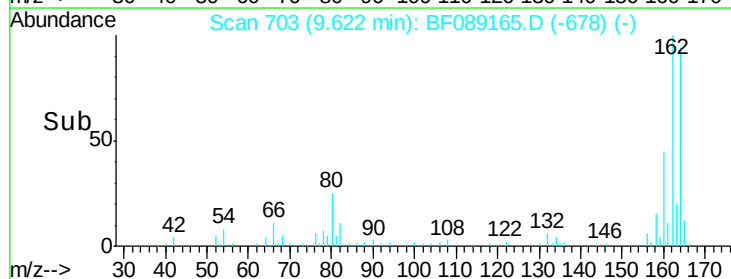
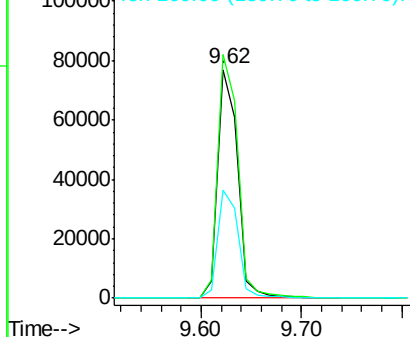


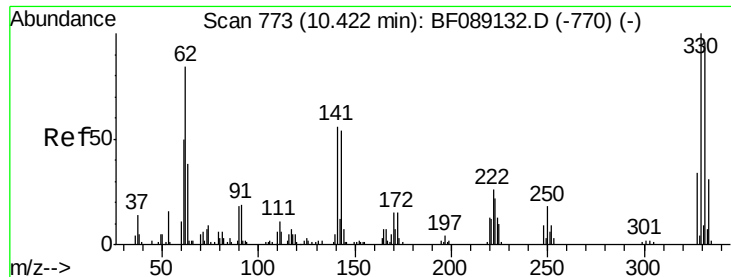
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF089165.D
 Acq: 21 Jul 2016 7:47

Tgt Ion:164 Resp: 106083
 Ion Ratio Lower Upper
 164 100
 162 106.5 84.1 126.1
 160 47.4 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

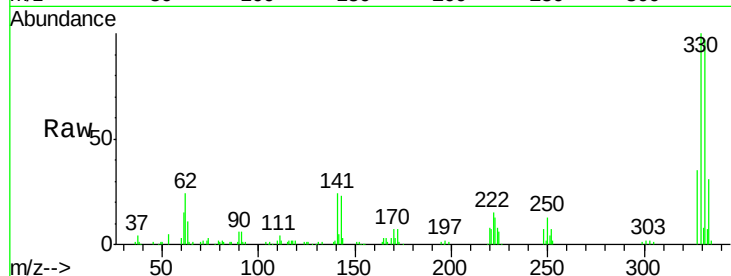




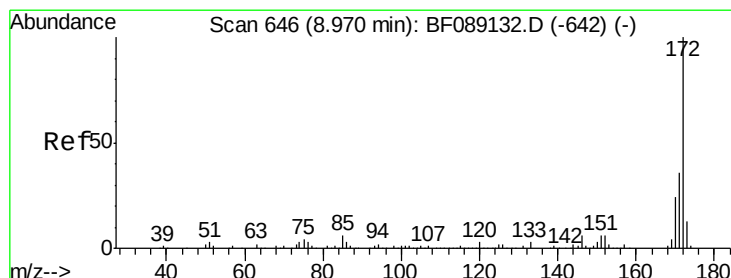
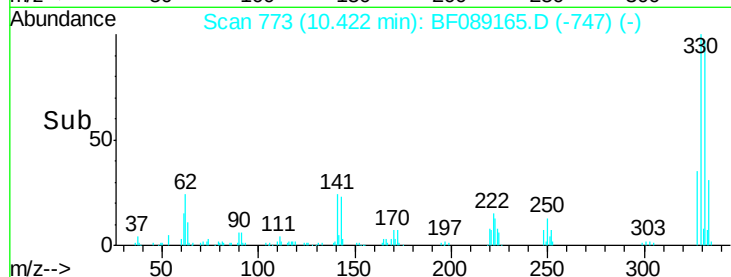
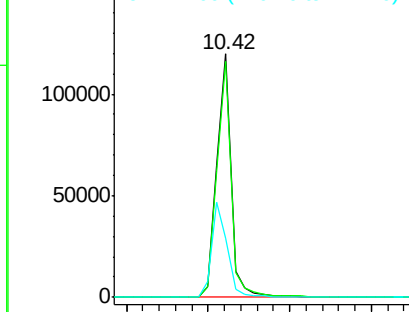
#41
 2,4,6-Tribromophenol
 Concen: 154.00 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089165.D
 Acq: 21 Jul 2016 7:47

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-31

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.2	115.8
141	42.8	42.2	63.2

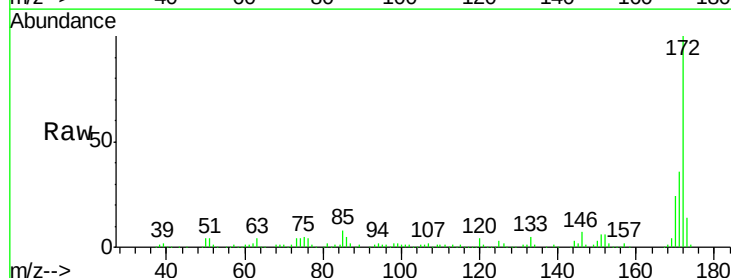


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

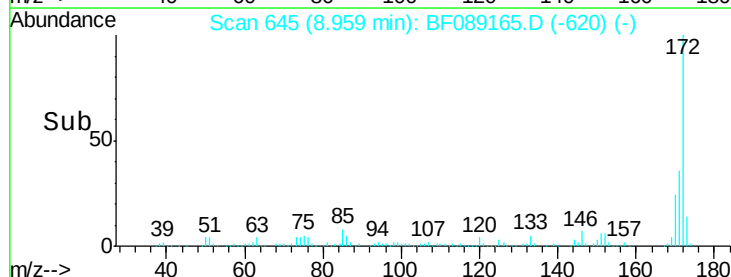
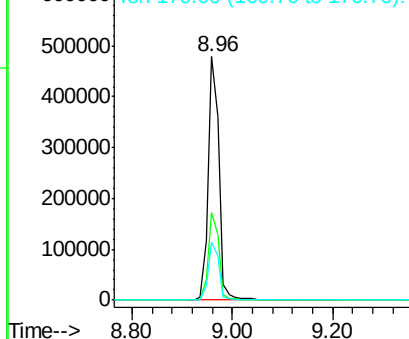


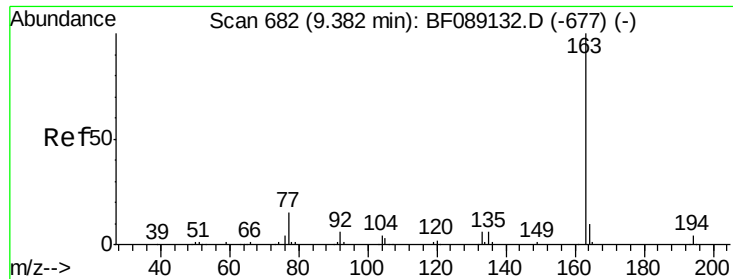
#44
 2-Fluorobiphenyl
 Concen: 92.05 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089165.D
 Acq: 21 Jul 2016 7:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	23.9	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: 21.39 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF089165.D

Acq: 21 Jul 2016 7:47

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-31

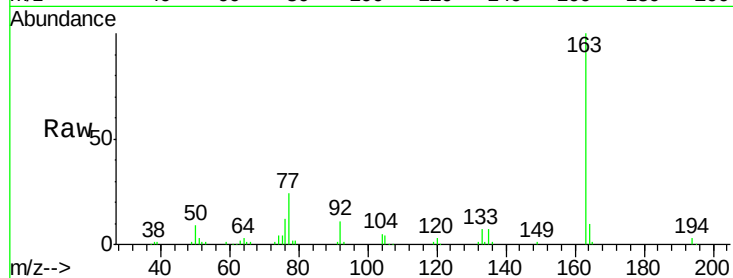
Tot Ion:163 Resp: 174167

Ion Ratio Lower Upper

163 100

194 3.1 2.9 4.3

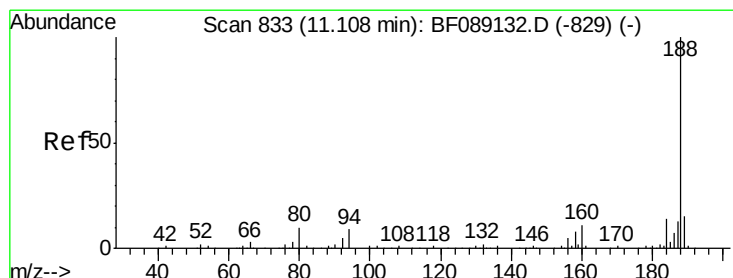
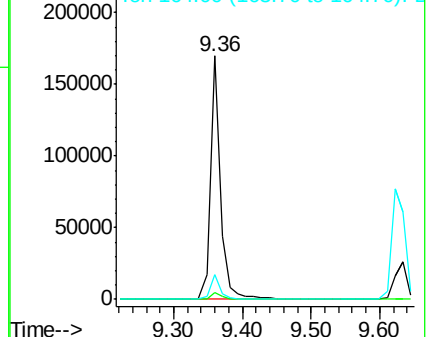
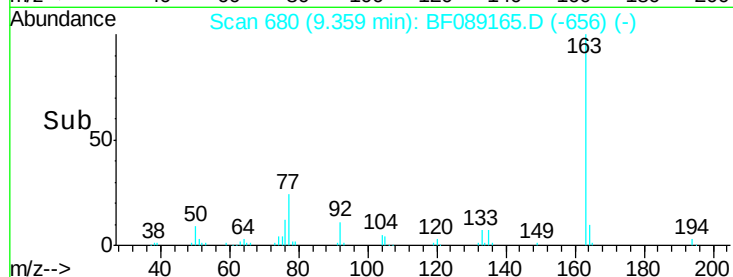
164 10.1 7.6 11.4



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: BF089165.D

Acq: 21 Jul 2016 7:47

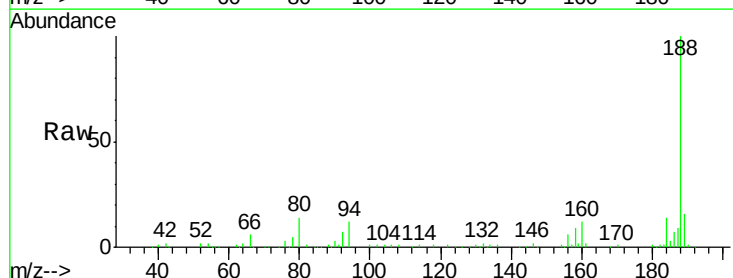
Tgt Ion:188 Resp: 216005

Ion Ratio Lower Upper

188 100

94 12.2 7.0 10.4#

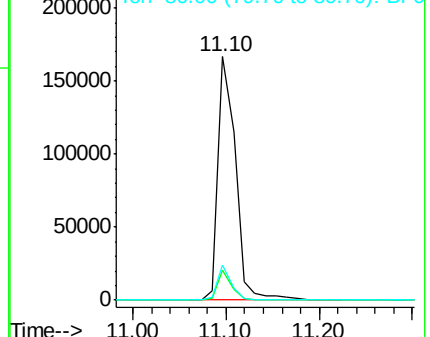
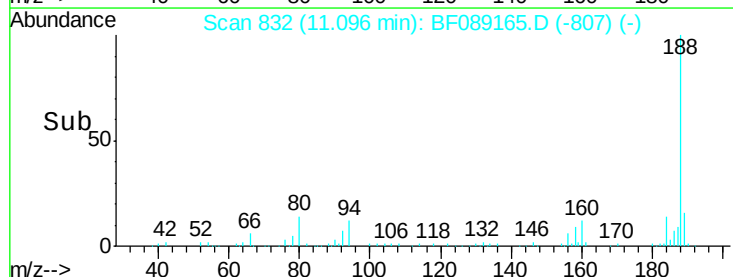
80 14.3 7.7 11.5#

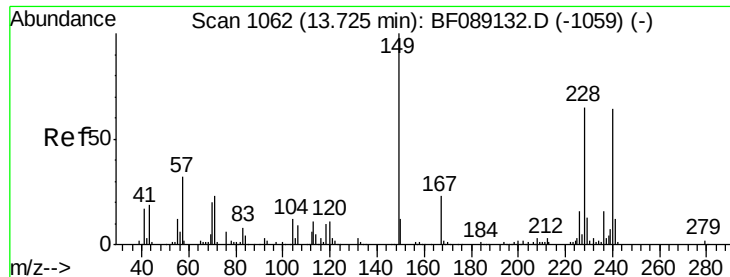


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF089165.D

Acq: 21 Jul 2016 7:47

Instrument :

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ClientSampleId :

LOCATION-SGS-31

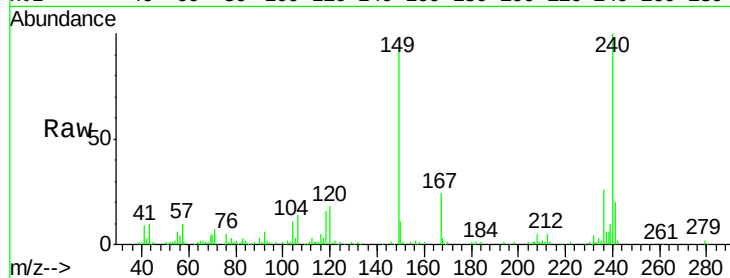
Tot Ion:240 Resp: 154286

Ion Ratio Lower Upper

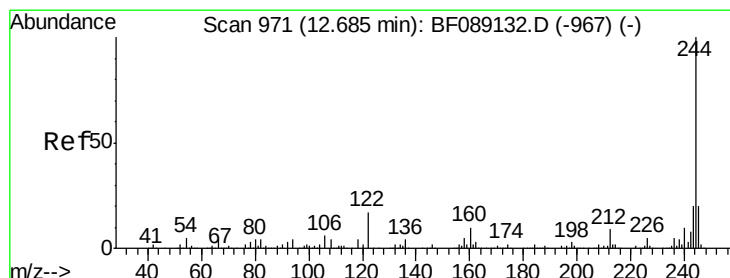
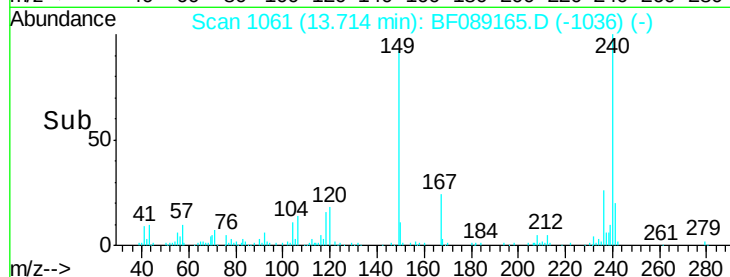
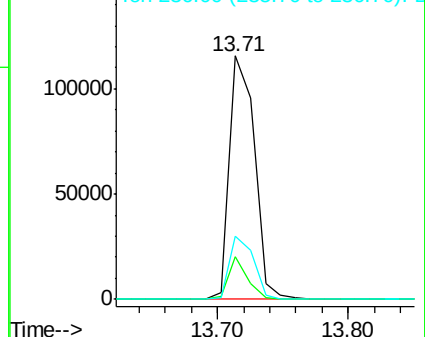
240 100

120 17.7 13.6 20.4

236 25.8 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: 87.19 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF089165.D

Acq: 21 Jul 2016 7:47

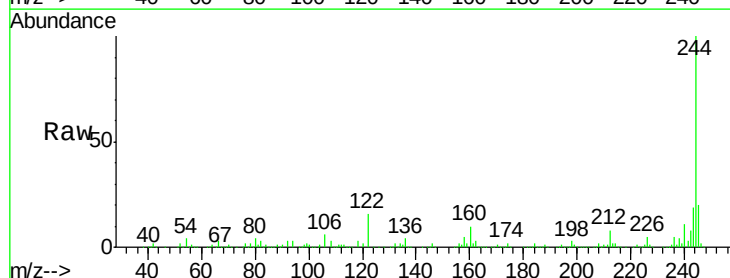
Tgt Ion:244 Resp: 620210

Ion Ratio Lower Upper

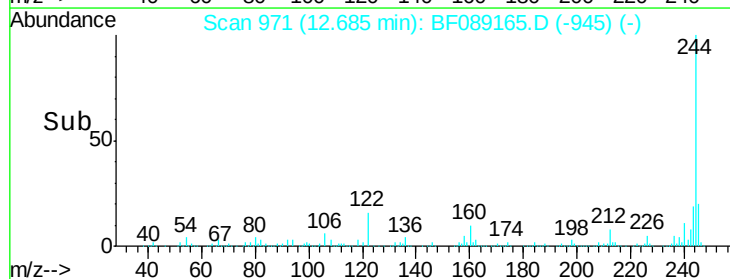
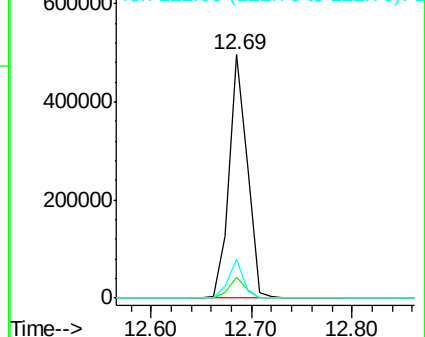
244 100

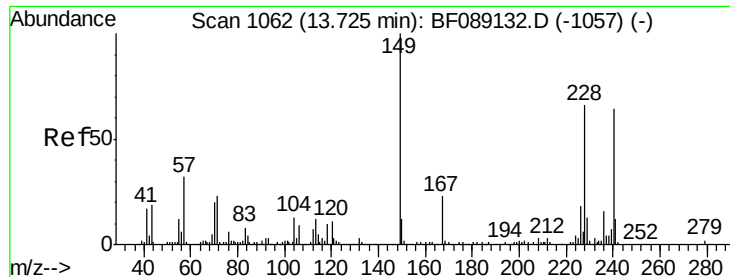
212 8.4 7.0 10.4

122 16.0 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

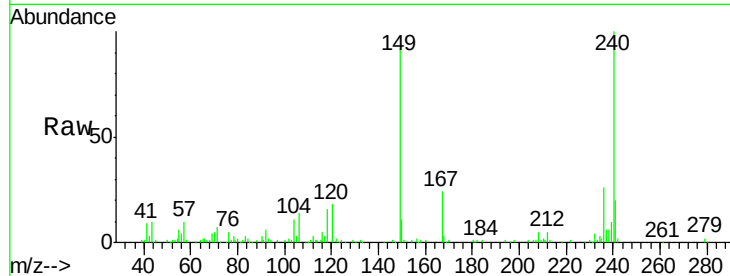




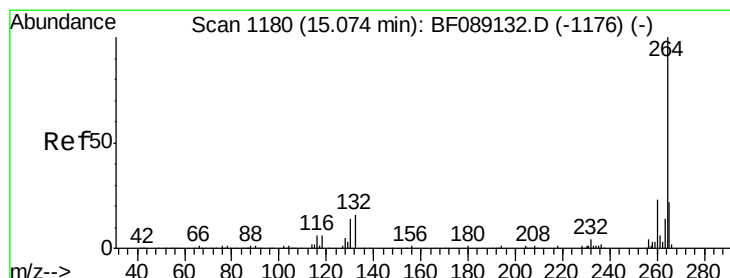
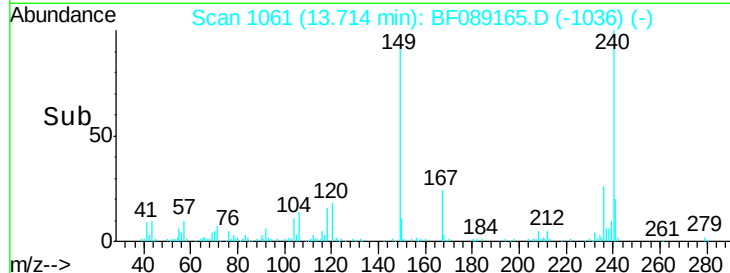
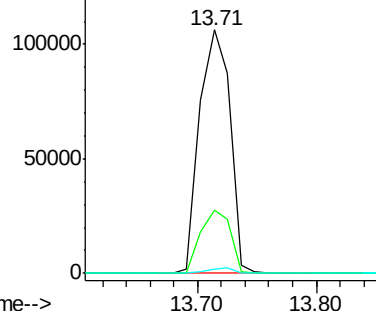
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 26.53 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF089165.D
 Acq: 21 Jul 2016 7:47

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-31

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	18.6	28.0
279	1.8	1.6	2.4

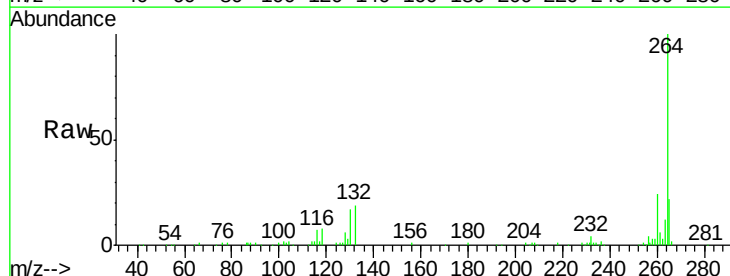


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF089165.D
 Acq: 21 Jul 2016 7:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	21.6	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

