

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
 Data File : BF089164.D
 Acq On : 21 Jul 2016 7:18
 Operator : UM/SJ
 Sample : H4089-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-37

Quant Time: Jul 21 07:50:26 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

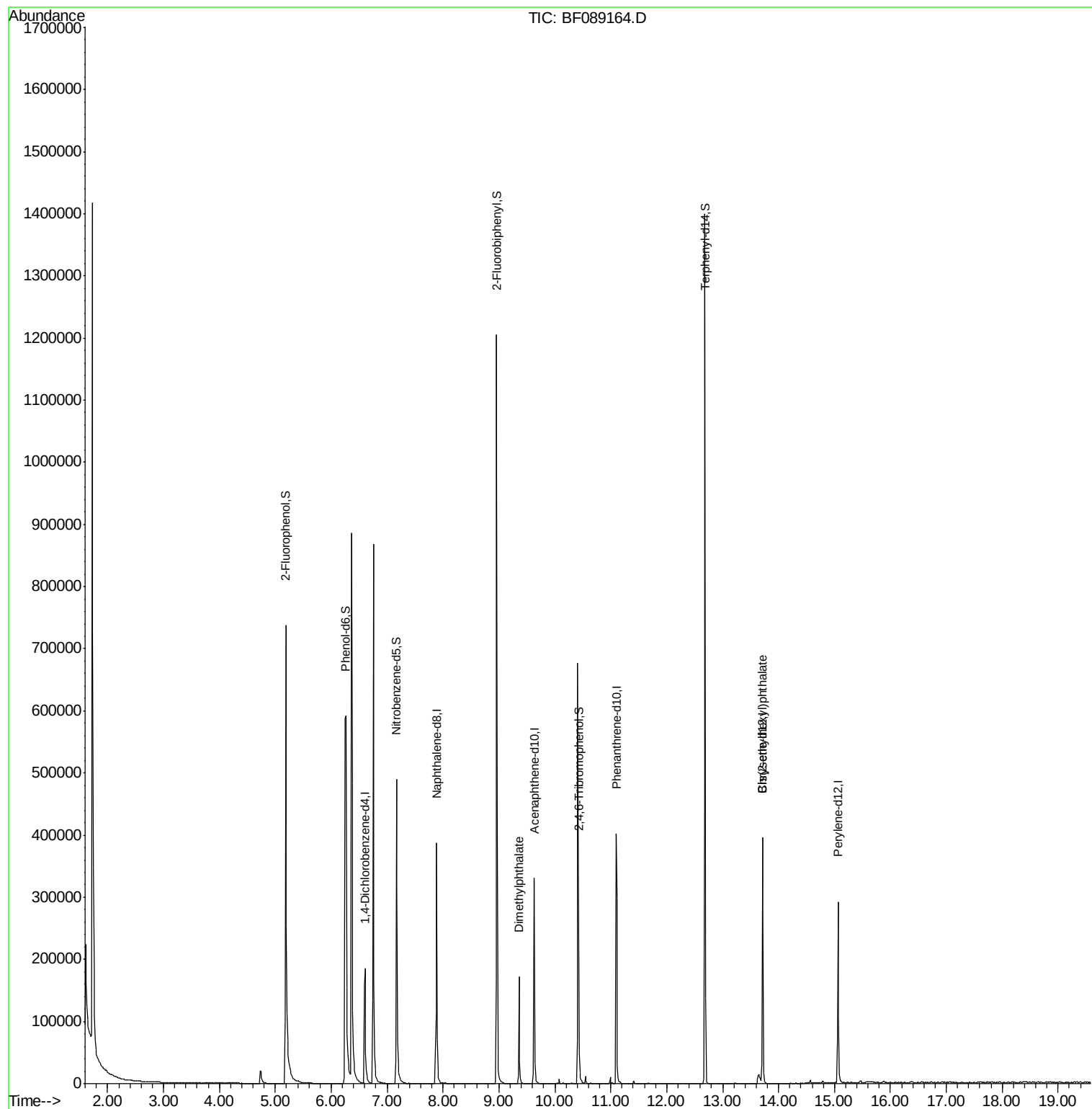
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	50530	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	221849	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	104155	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	210869	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	164488	20.00	ng	-0.01
86) Perylene-d12	15.06	264	122981	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	303210	91.26	ng	0.00
7) Phenol-d6	6.26	99	414756	96.80	ng	-0.01
23) Nitrobenzene-d5	7.16	82	249263	59.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	87896	93.73	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	450659	59.62	ng	-0.01
78) Terphenyl-d14	12.69	244	439360	57.94	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.36	163	78081	9.77	ng	98
83) Bis(2-ethylhexyl)phthalate	13.71	149	19663	2.58	ng	# 95

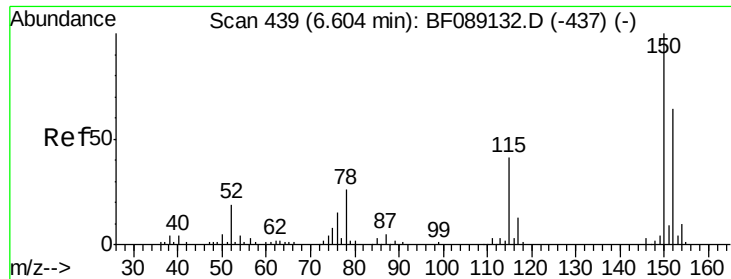
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089164.D

Acq: 21 Jul 2016 7:18

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-37

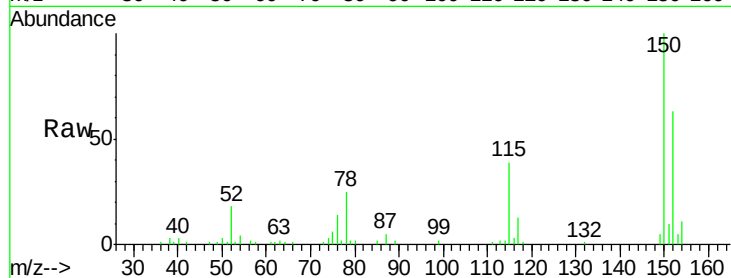
Tot Ion:152 Resp: 50530

Ion Ratio Lower Upper

152 100

150 159.6 125.1 187.7

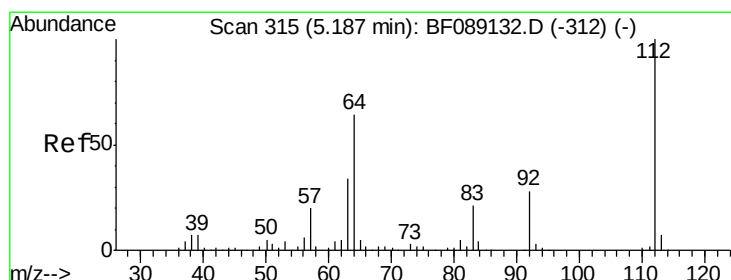
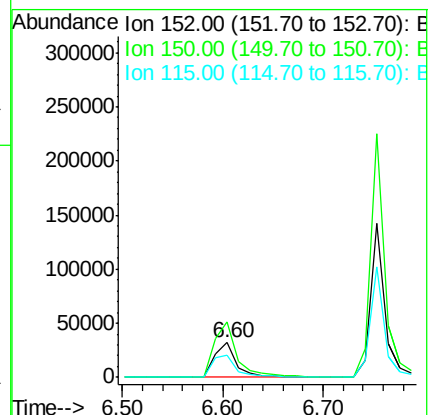
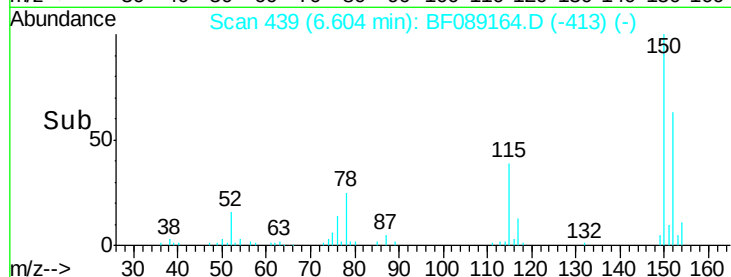
115 62.7 51.1 76.7



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: 91.26 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF089164.D

Acq: 21 Jul 2016 7:18

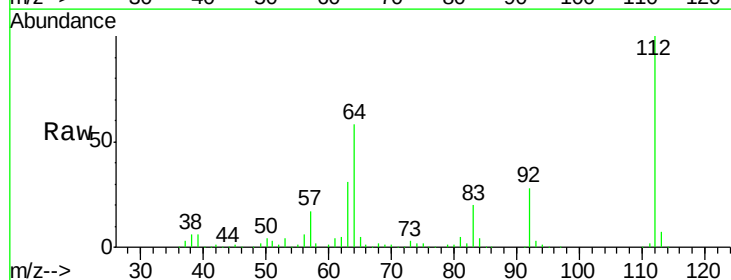
Tgt Ion:112 Resp: 303210

Ion Ratio Lower Upper

112 100

64 58.4 51.0 76.4

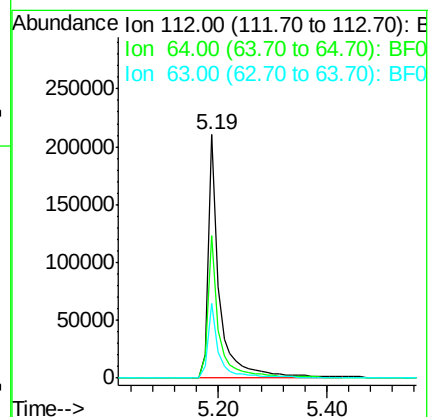
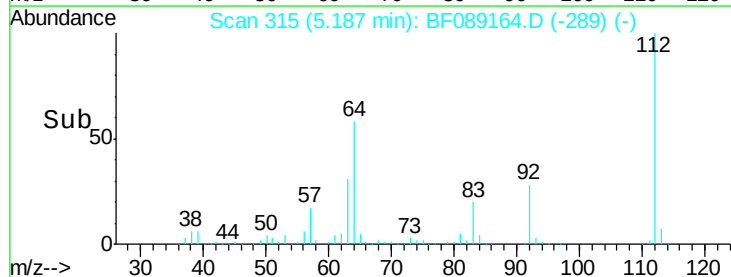
63 30.5 27.3 40.9

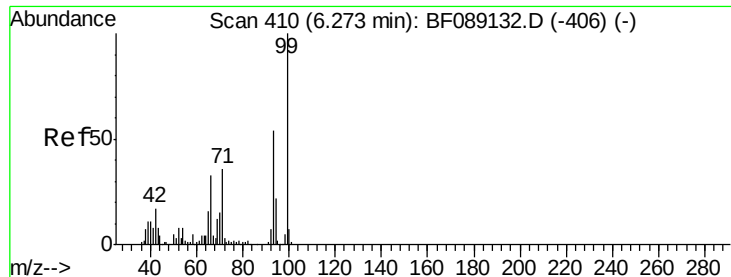


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 96.80 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089164.D

Acq: 21 Jul 2016 7:18

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-37

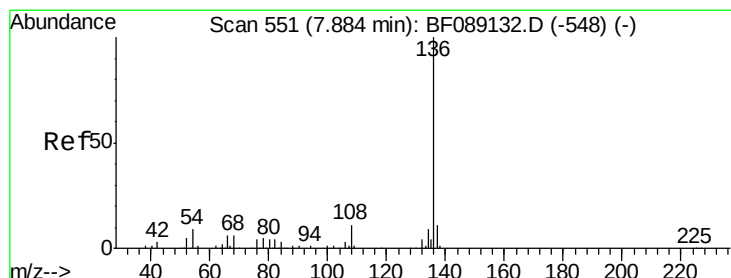
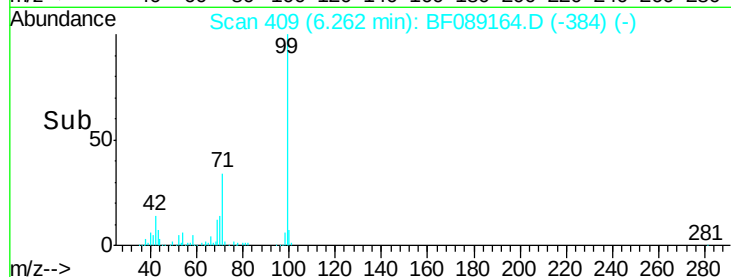
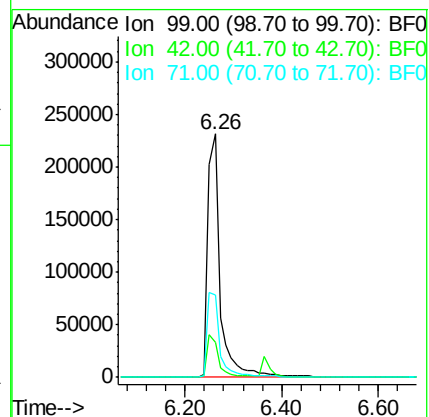
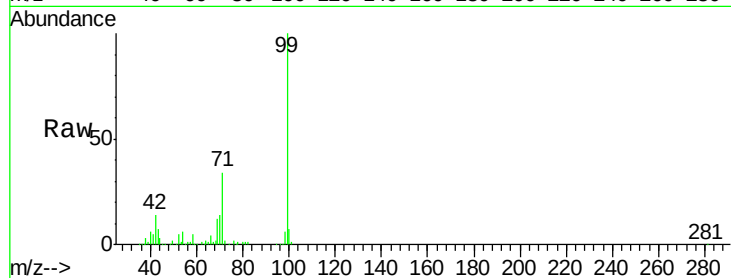
Tot Ion: 99 Resp: 414756

Ion Ratio Lower Upper

99 100

42 14.4 13.5 20.3

71 33.7 28.9 43.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089164.D

Acq: 21 Jul 2016 7:18

Tgt Ion: 136 Resp: 221849

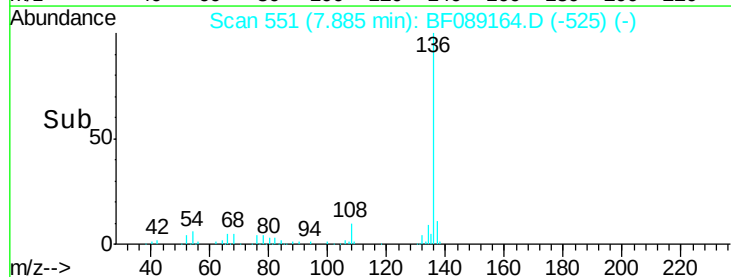
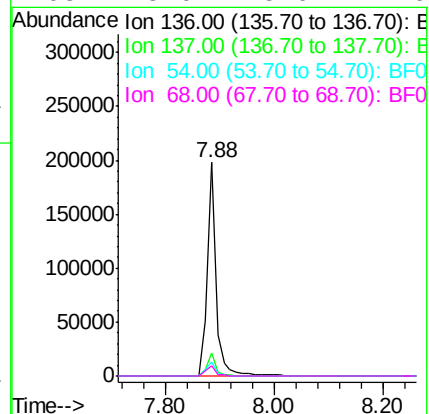
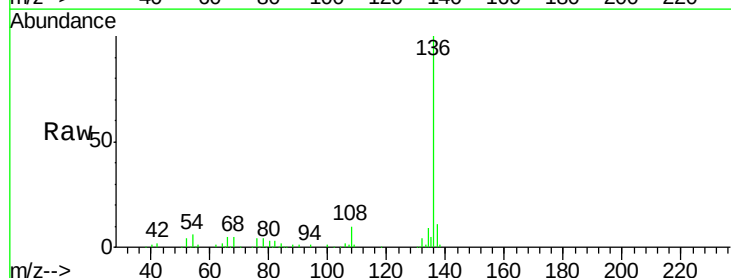
Ion Ratio Lower Upper

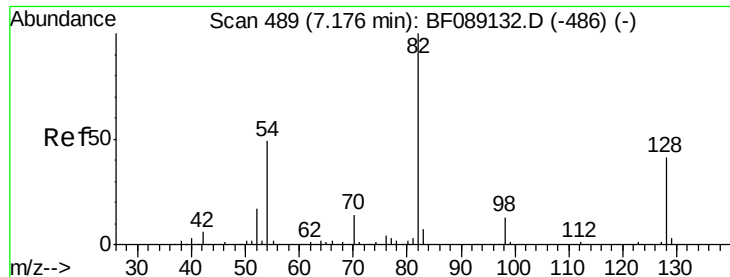
136 100

137 10.7 8.8 13.2

54 6.4 7.0 10.4#

68 5.0 5.0 7.6#

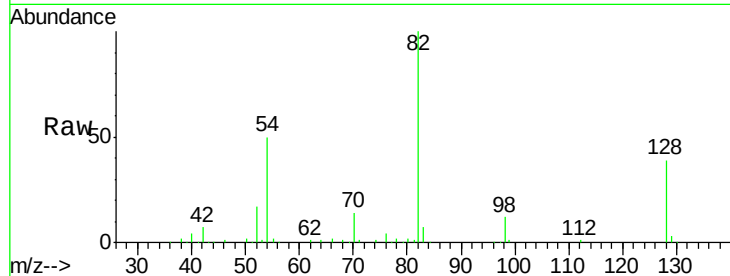




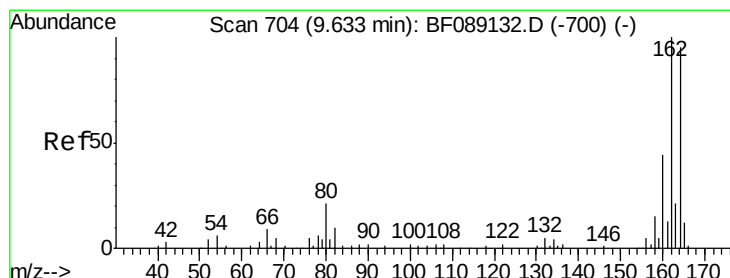
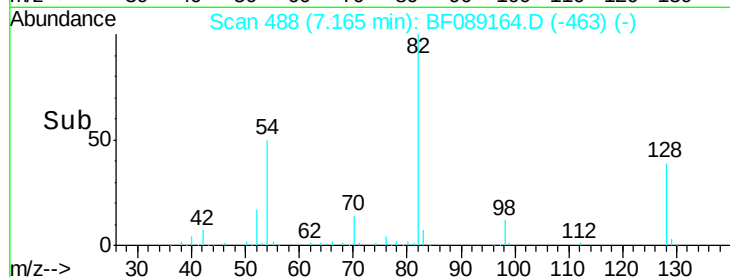
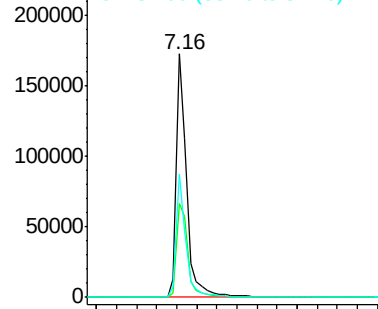
#23
 Nitrobenzene-d5
 Concen: 59.70 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF089164.D
 Acq: 21 Jul 2016 7:18

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-37

Tot Ion	82	Resp	249263
Ion Ratio	Lower	Upper	
82	100		
128	38.5	33.0	49.6
54	50.4	39.0	58.4

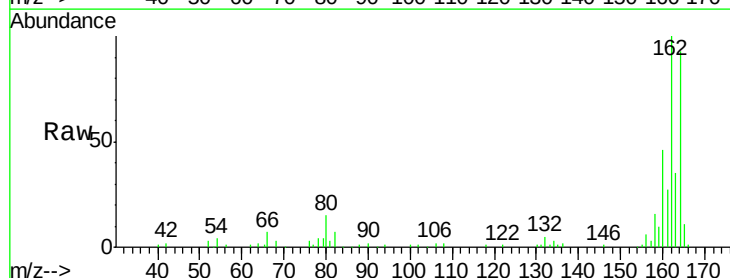


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

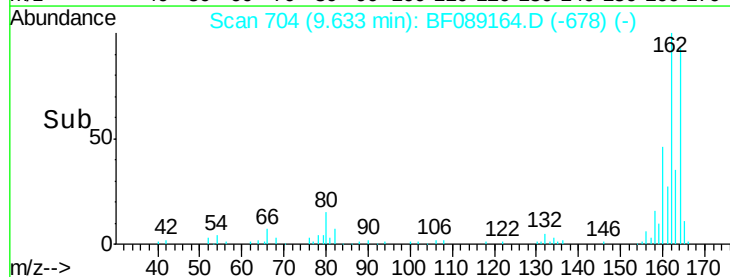
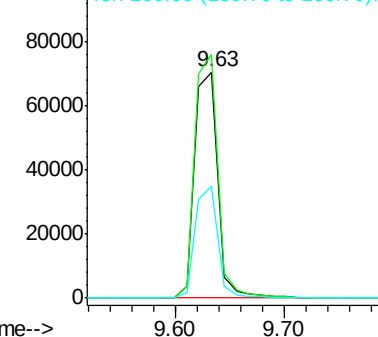


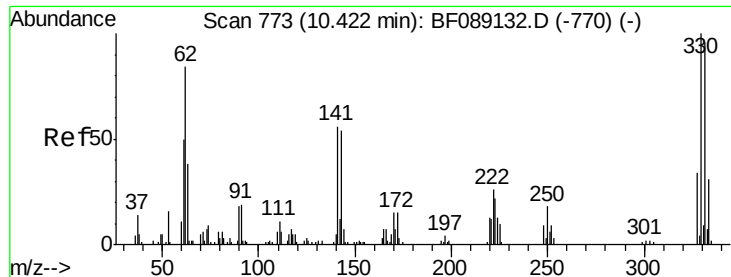
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF089164.D
 Acq: 21 Jul 2016 7:18

Tgt Ion	164	Resp	104155
Ion Ratio	Lower	Upper	
164	100		
162	107.8	84.1	126.1
160	49.3	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

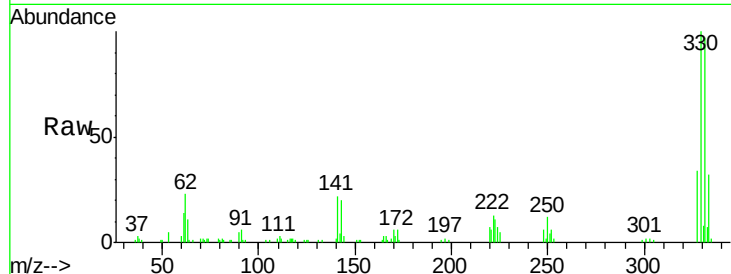




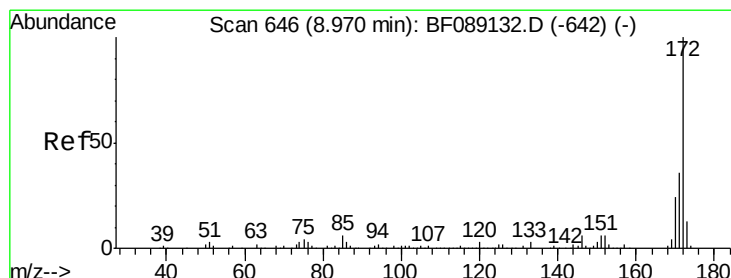
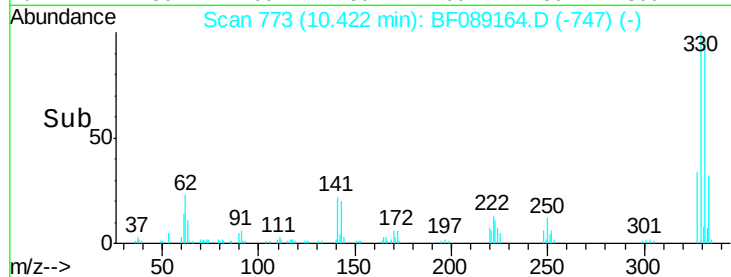
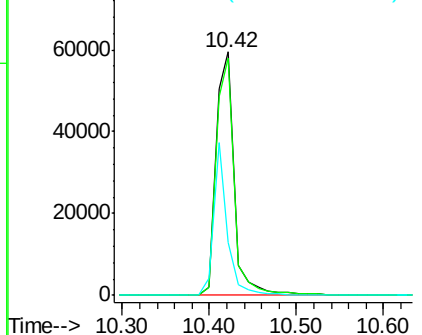
#41
 2,4,6-Tribromophenol
 Concen: 93.73 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089164.D
 Acq: 21 Jul 2016 7:18

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-37

Tot Ion	330	Resp	87896
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.2	115.8
141	46.7	42.2	63.2

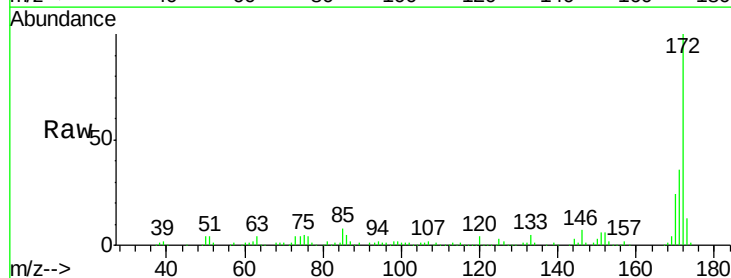


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

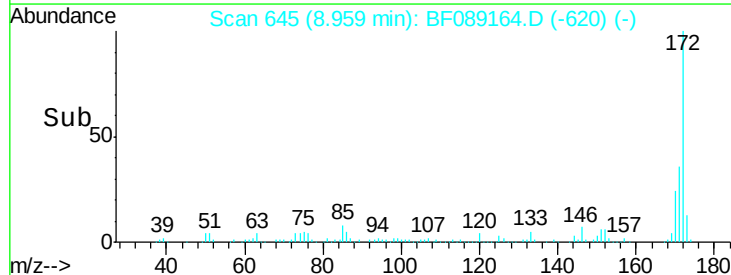
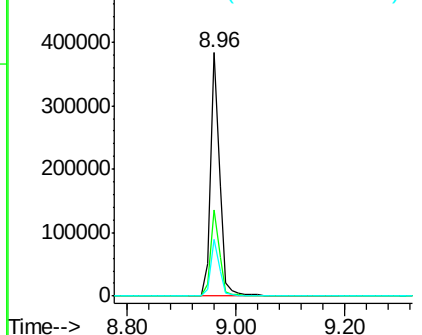


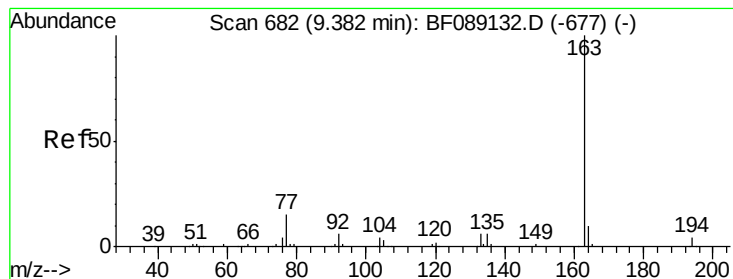
#44
 2-Fluorobiphenyl
 Concen: 59.62 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089164.D
 Acq: 21 Jul 2016 7:18

Tgt Ion	172	Resp	450659
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.2	43.8
170	23.5	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: 9.77 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF089164.D

Acq: 21 Jul 2016 7:18

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-37

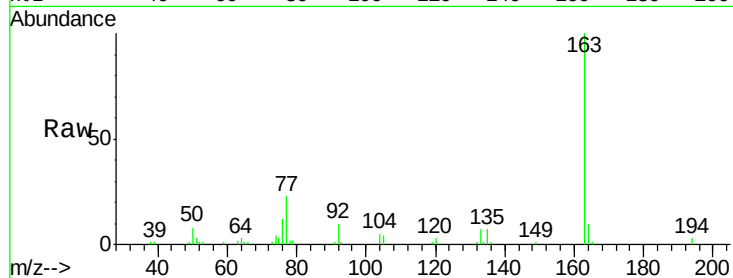
Tot Ion:163 Resp: 78081

Ion Ratio Lower Upper

163 100

194 3.1 2.9 4.3

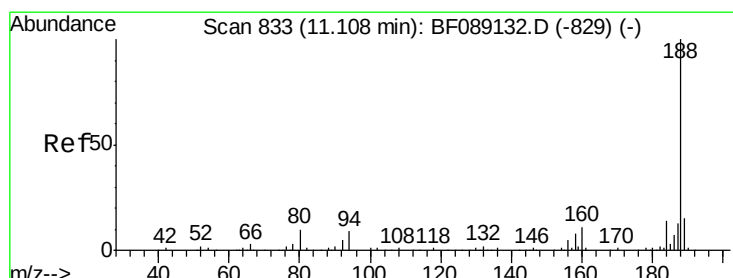
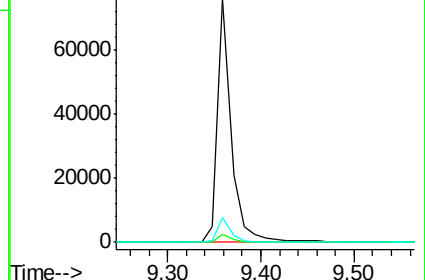
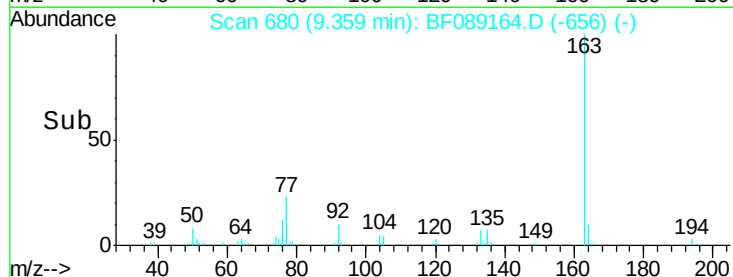
164 10.1 7.6 11.4



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: BF089164.D

Acq: 21 Jul 2016 7:18

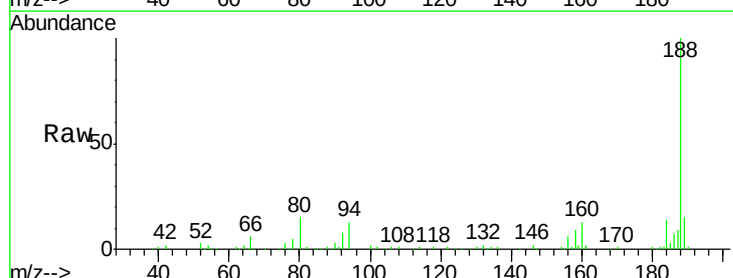
Tgt Ion:188 Resp: 210869

Ion Ratio Lower Upper

188 100

94 13.0 7.0 10.4#

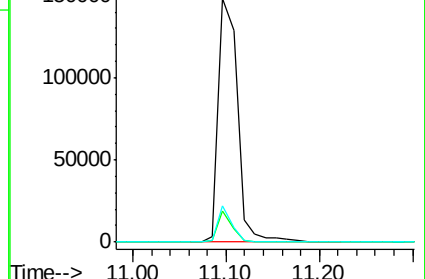
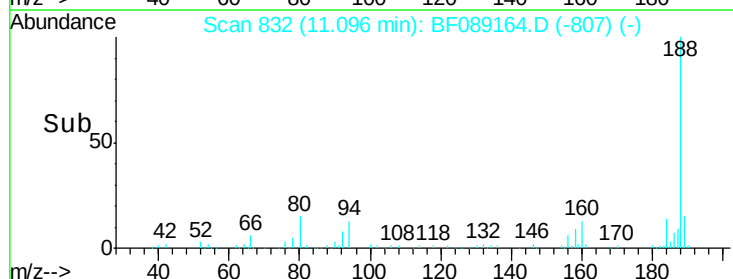
80 14.9 7.7 11.5#

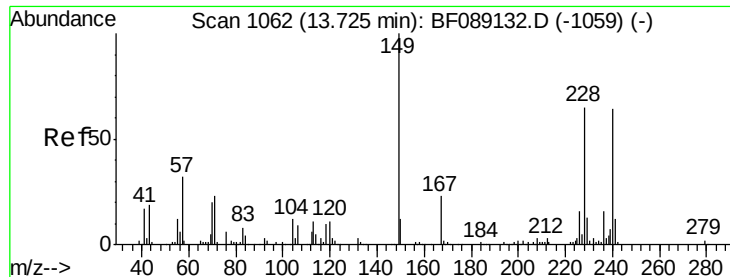


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF089164.D

Acq: 21 Jul 2016 7:18

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-37

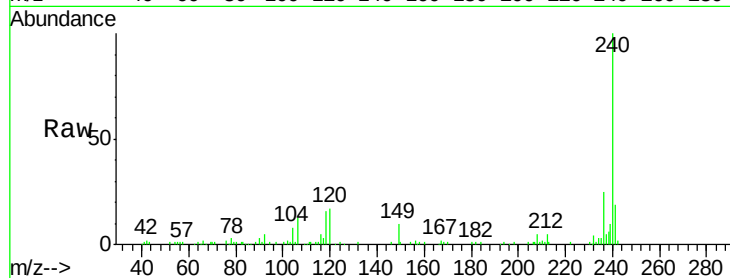
Tot Ion:240 Resp: 164488

Ion Ratio Lower Upper

240 100

120 16.8 13.6 20.4

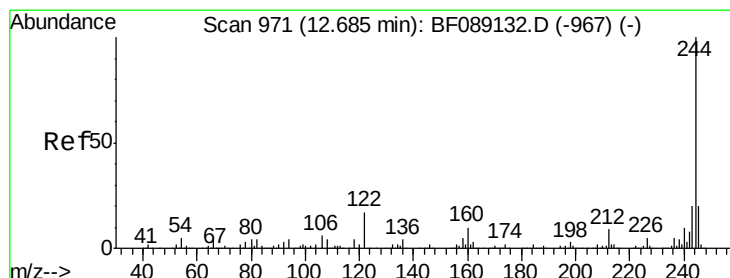
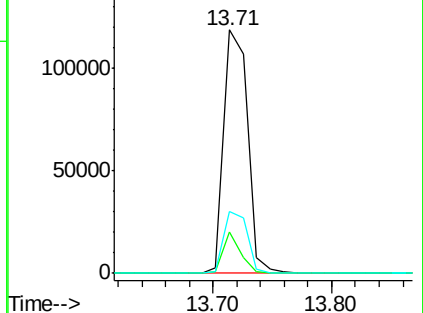
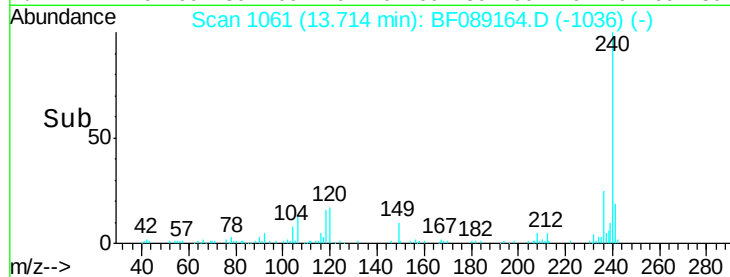
236 25.4 20.5 30.7



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: 57.94 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF089164.D

Acq: 21 Jul 2016 7:18

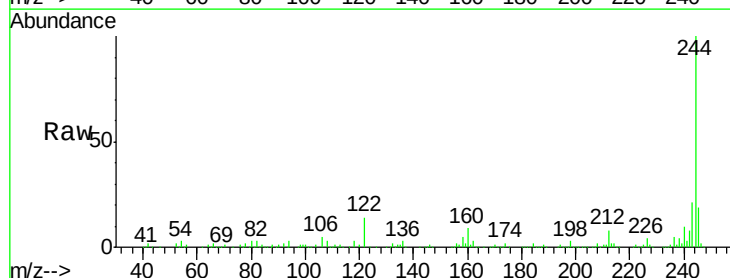
Tgt Ion:244 Resp: 439360

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.4

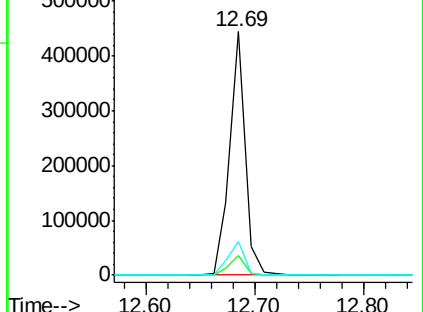
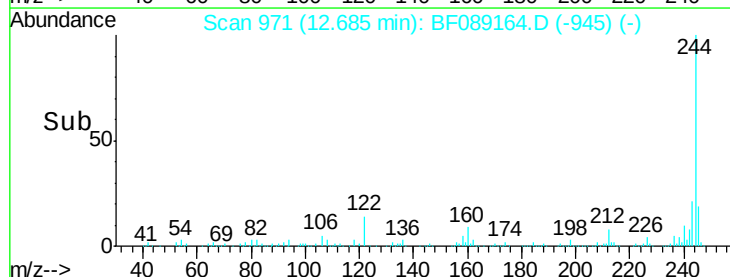
122 13.6 13.8 20.8#

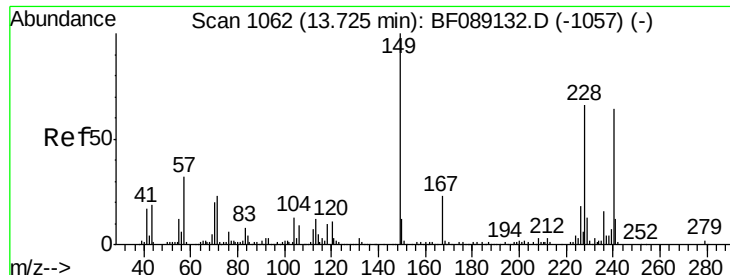


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

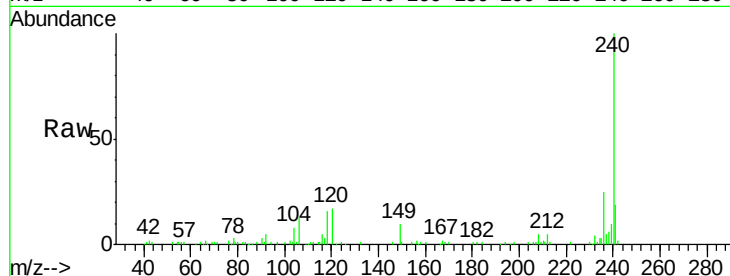




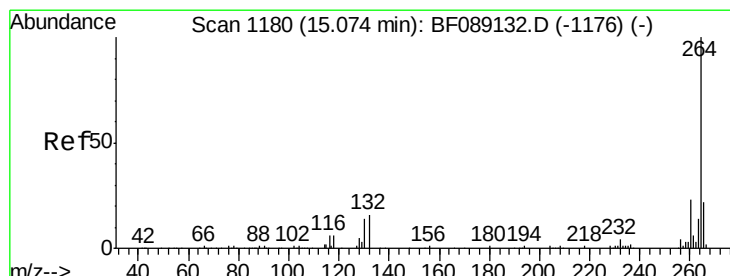
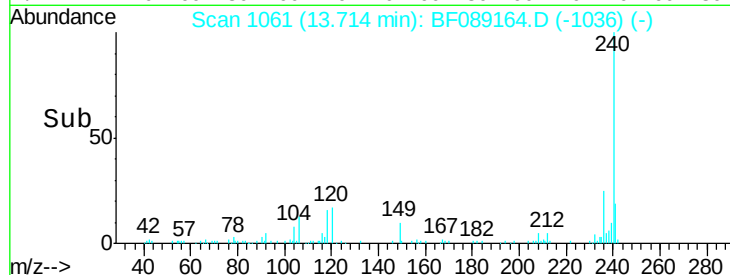
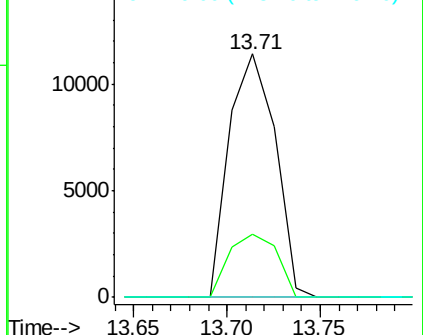
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.58 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF089164.D
 Acq: 21 Jul 2016 7:18

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-37

Tot Ion:149 Resp: 19663
 Ion Ratio Lower Upper
 149 100
 167 25.7 18.6 28.0
 279 0.0 1.6 2.4#

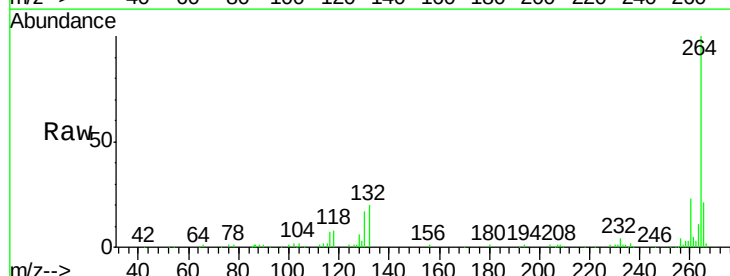


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF089164.D
 Acq: 21 Jul 2016 7:18

Tgt Ion:264 Resp: 122981
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 21.2 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

