

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090116\
 Data File : BF089968.D
 Acq On : 1 Sep 2016 13:35
 Operator : UM/SJ
 Sample : H4617-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Sep 01 14:35:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

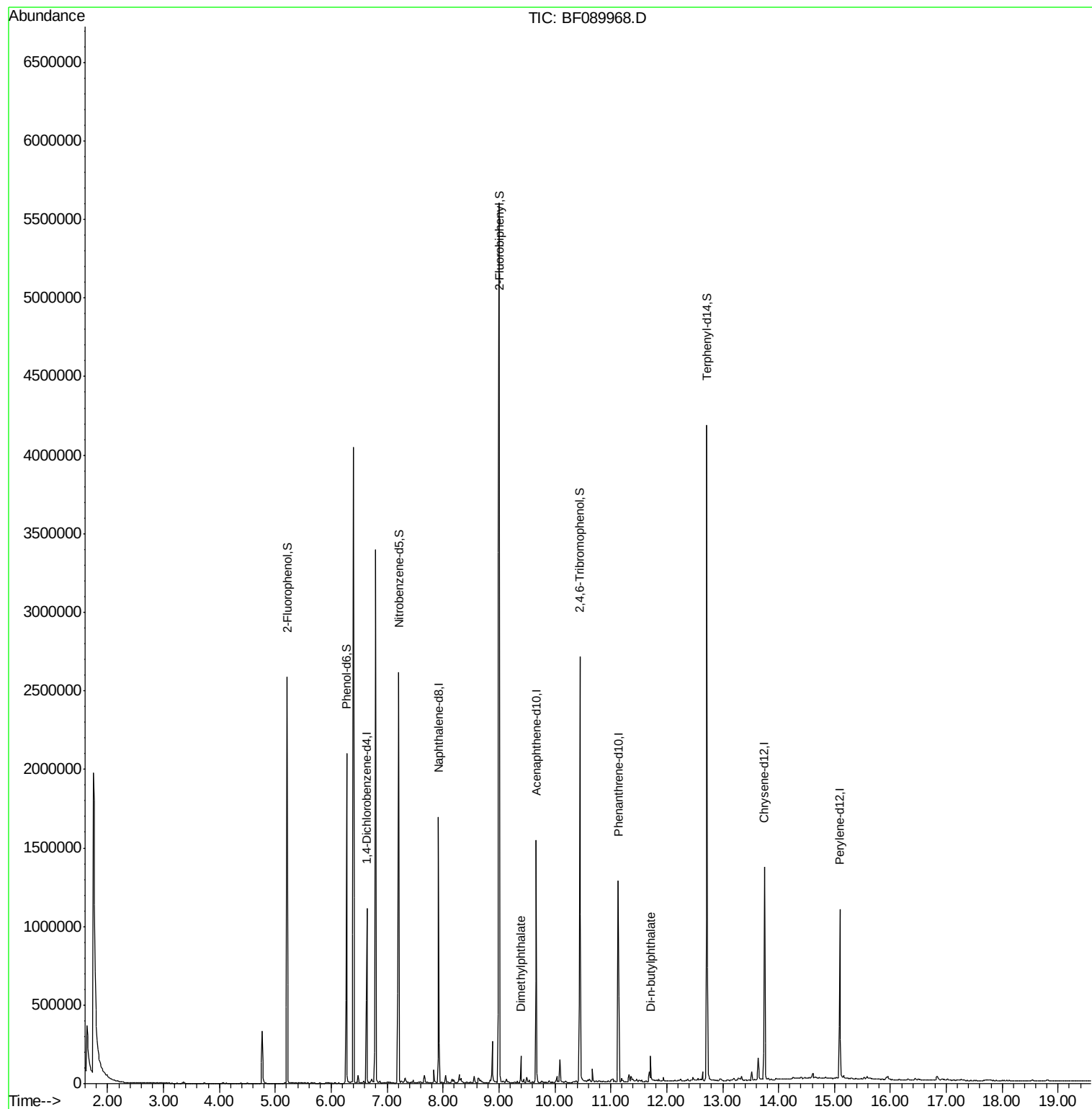
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	193064	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	715255	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	345856	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	528463	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	445240	20.00	ng	-0.01
86) Perylene-d12	15.10	264	434909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	750534	62.22	ng	0.00
7) Phenol-d6	6.27	99	648906	44.28	ng	0.00
23) Nitrobenzene-d5	7.21	82	1260929	102.24	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	403510	118.26	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	2152393	102.16	ng	0.00
78) Terphenyl-d14	12.72	244	1388012	77.01	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.39	163	61250	2.45	ng	97
73) Di-n-butylphthalate	11.71	149	69177	2.37	ng	98

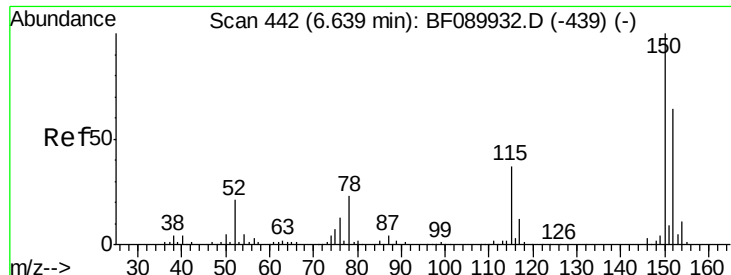
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF089968.D

Acq: 1 Sep 2016 13:35

Instrument :

BNA_F

ClientSampleId :

TP-1

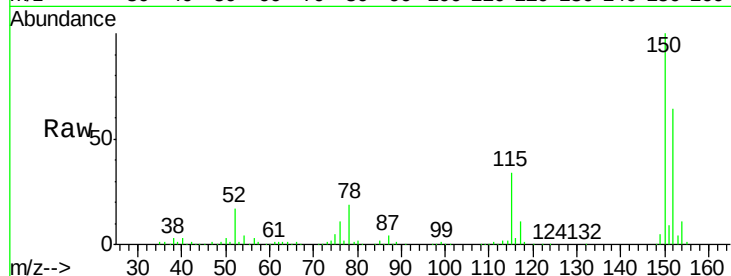
Tgt Ion:152 Resp: 193064

Ion Ratio Lower Upper

152 100

150 155.4 127.4 191.2

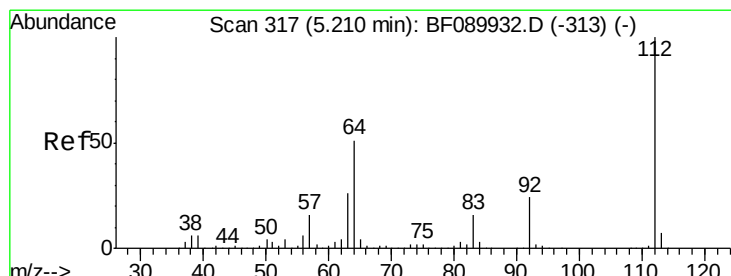
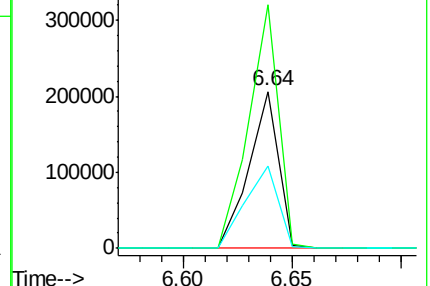
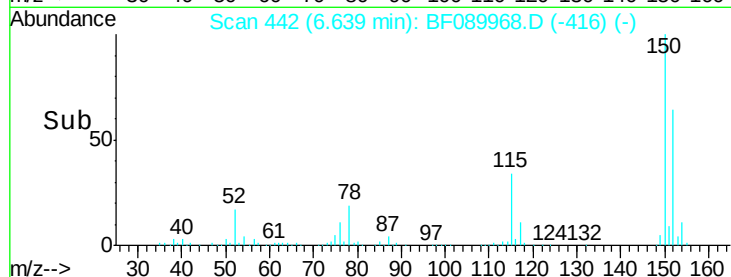
115 52.7 46.3 69.5



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: 62.22 ng

RT: 5.21 min Scan# 317

Delta R.T. -0.00 min

Lab File: BF089968.D

Acq: 1 Sep 2016 13:35

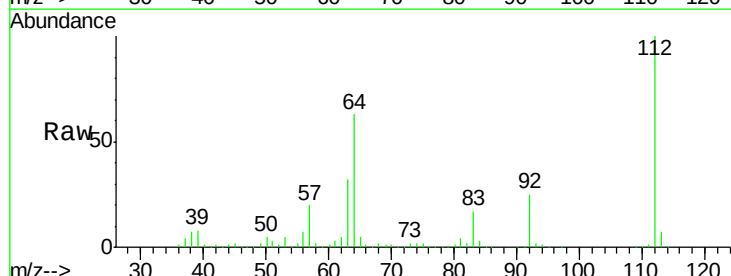
Tgt Ion:112 Resp: 750534

Ion Ratio Lower Upper

112 100

64 62.5 41.1 61.7#

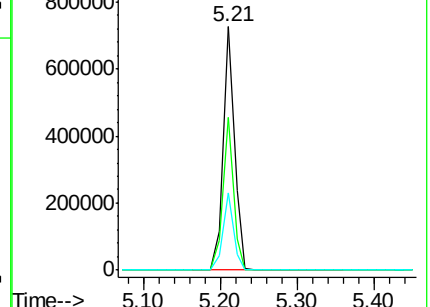
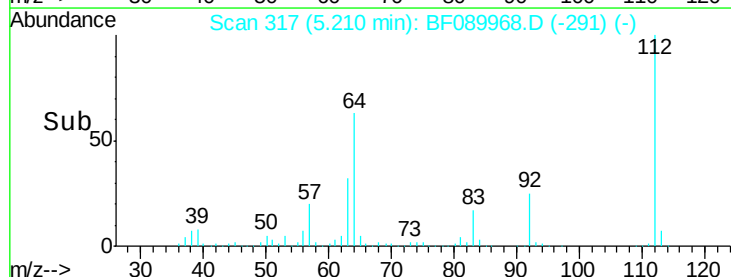
63 31.9 21.2 31.8#

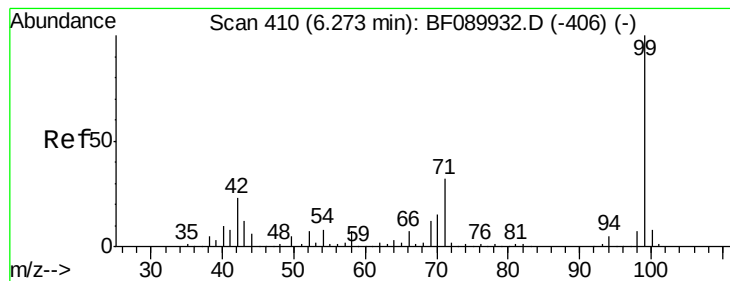


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.28 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF089968.D

Acq: 1 Sep 2016 13:35

Instrument :

BNA_F

ClientSampleId :

TP-1

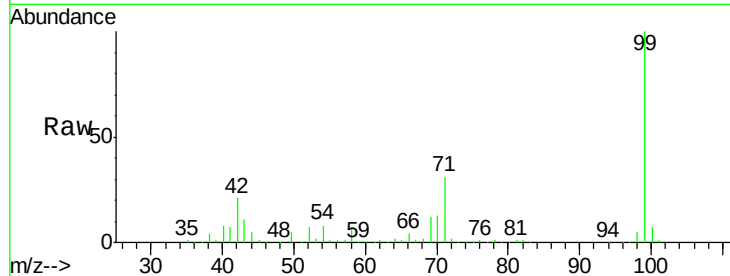
Tgt Ion: 99 Resp: 648906

Ion Ratio Lower Upper

99 100

42 20.8 18.6 27.8

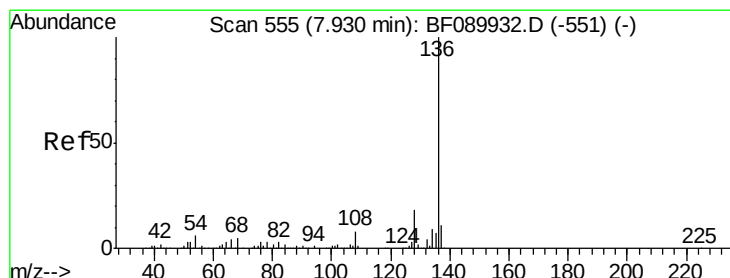
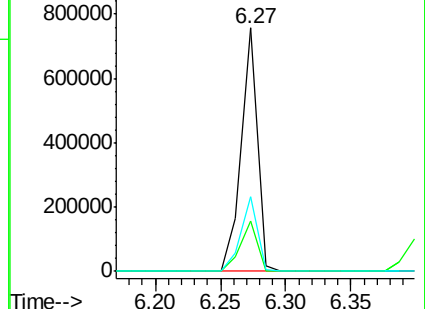
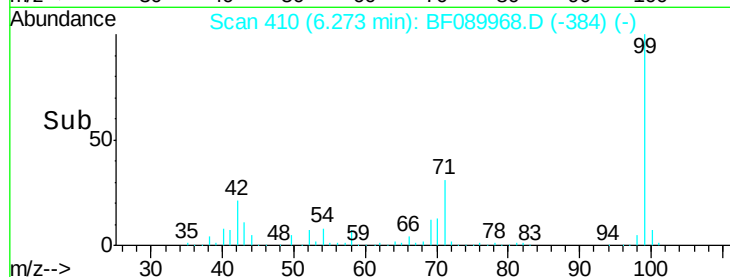
71 30.7 25.8 38.6



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: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF089968.D

Acq: 1 Sep 2016 13:35

Tgt Ion: 136 Resp: 715255

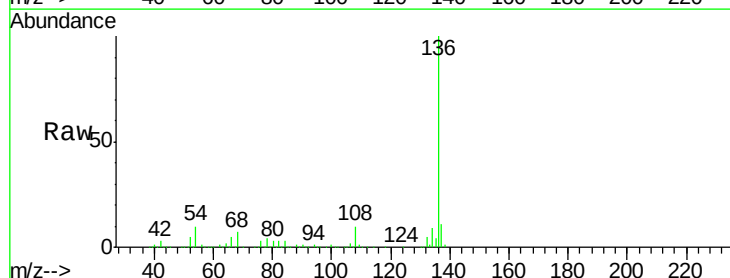
Ion Ratio Lower Upper

136 100

137 11.4 8.3 12.5

54 10.0 4.8 7.2#

68 6.9 3.7 5.5#

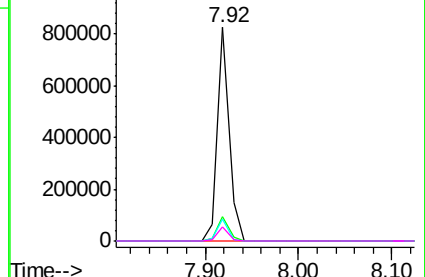
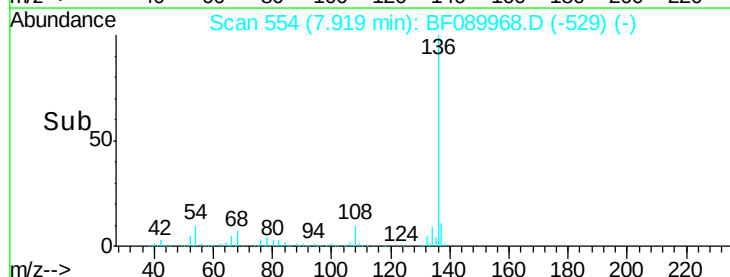


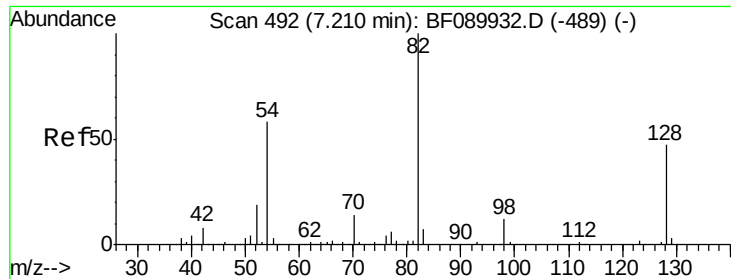
Abundance Ion 136.00 (135.70 to 136.70): E

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

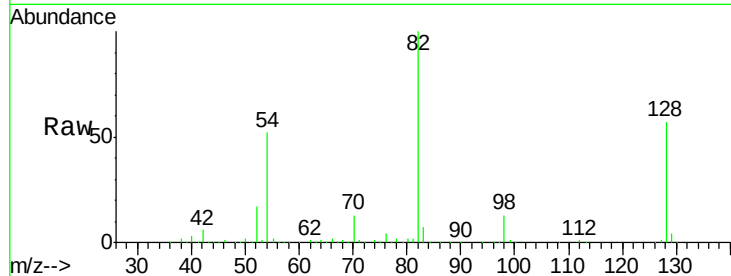




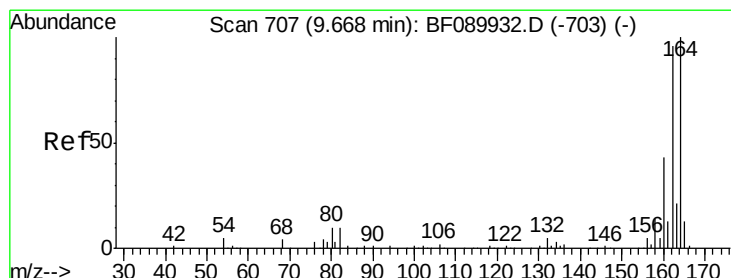
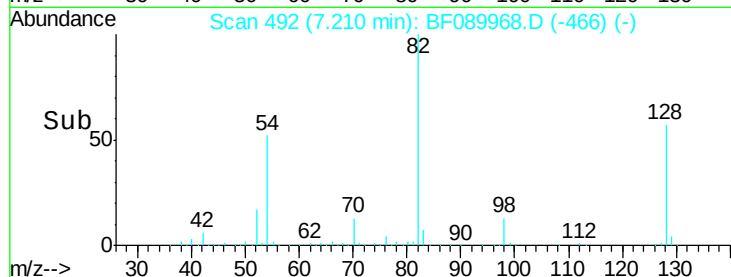
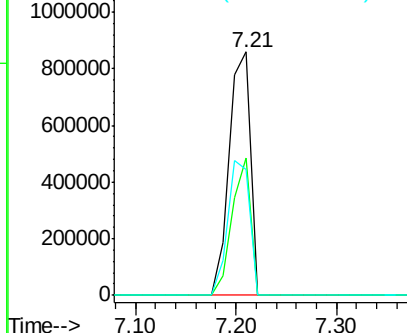
#23
 Nitrobenzene-d5
 Concen: 102.24 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF089968.D
 Acq: 1 Sep 2016 13:35

Instrument :
 BNA_F
 ClientSampled :
 TP-1

Tgt Ion: 82 Resp: 1260929
 Ion Ratio Lower Upper
 82 100
 128 56.5 37.8 56.8
 54 51.6 46.9 70.3

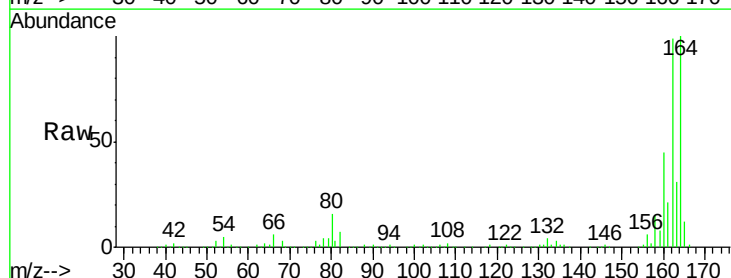


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

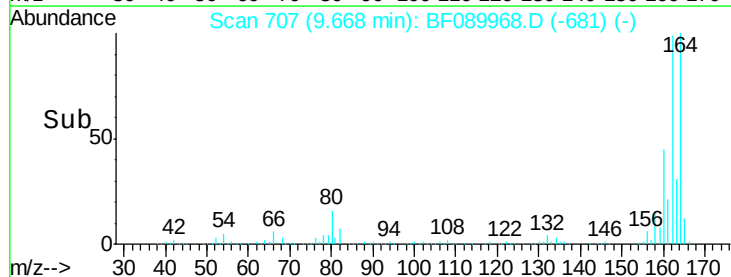
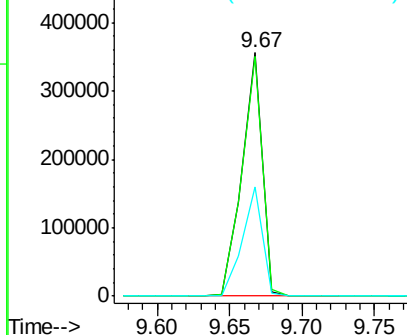


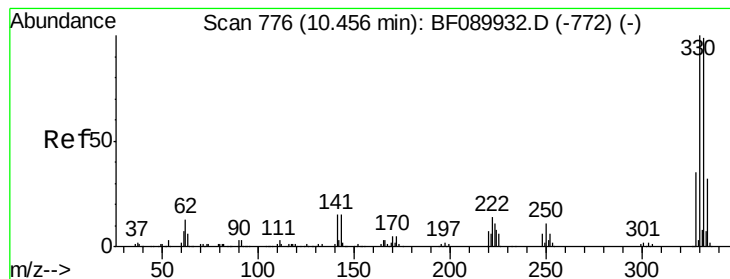
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF089968.D
 Acq: 1 Sep 2016 13:35

Tgt Ion: 164 Resp: 345856
 Ion Ratio Lower Upper
 164 100
 162 98.5 77.1 115.7
 160 44.8 35.3 52.9



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

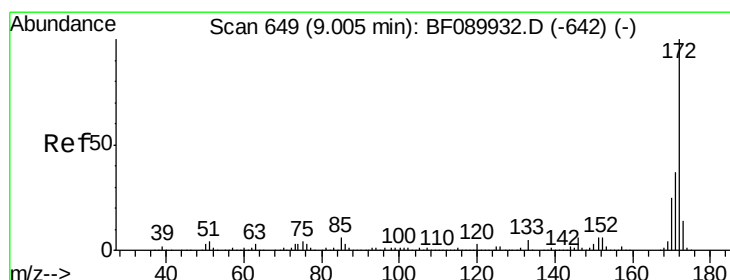
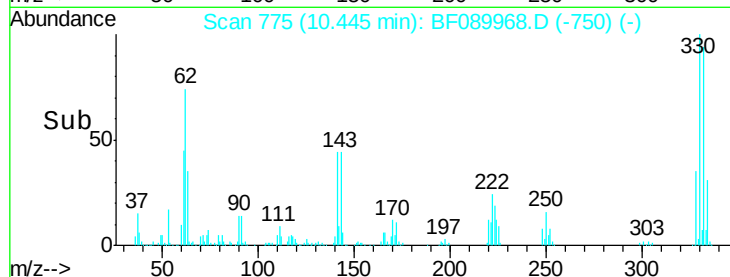
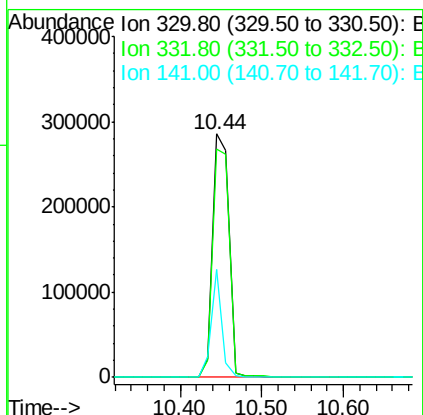
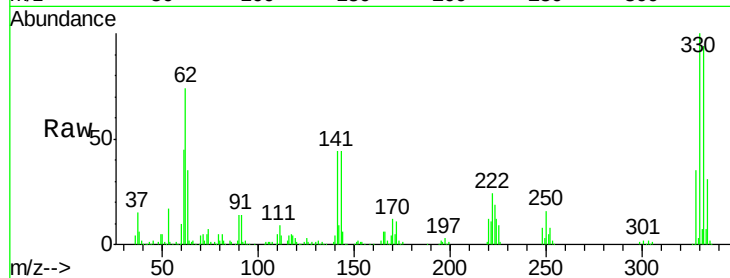




#41
 2,4,6-Tribromophenol
 Concen: 118.26 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF089968.D
 Acq: 1 Sep 2016 13:35

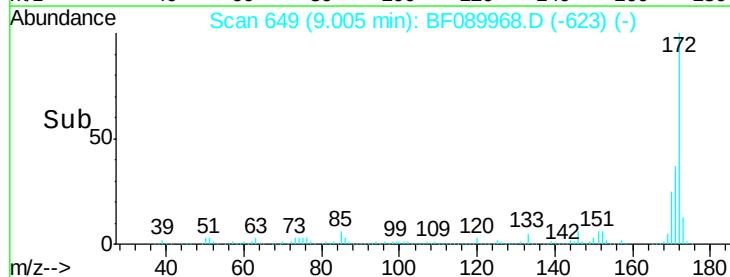
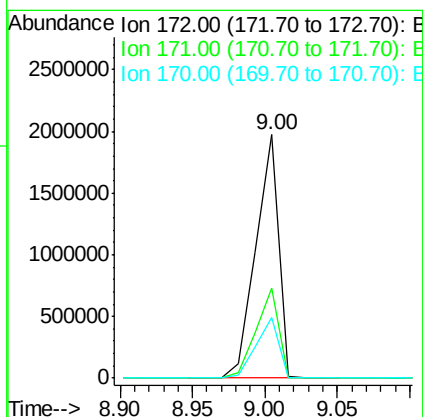
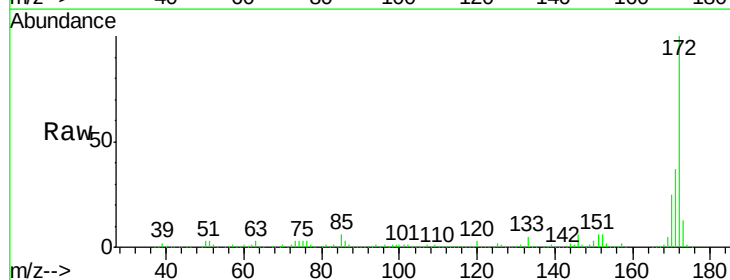
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

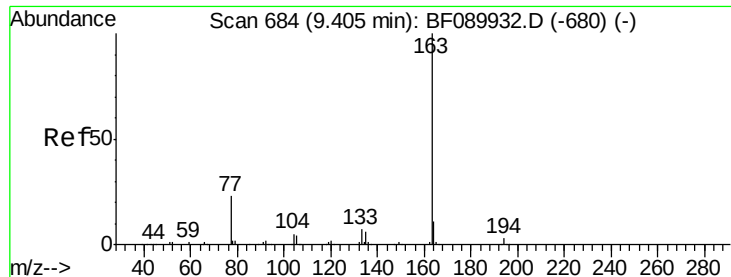
Tgt Ion:330 Resp: 403510
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.6 117.8
 141 29.3 23.3 34.9



#44
 2-Fluorobiphenyl
 Concen: 102.16 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF089968.D
 Acq: 1 Sep 2016 13:35

Tgt Ion:172 Resp: 2152393
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.2
 170 24.7 20.1 30.1





#49

Dimethylphthalate

Concen: 2.45 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF089968.D

Acq: 1 Sep 2016 13:35

Instrument :

BNA_F

ClientSampleId :

TP-1

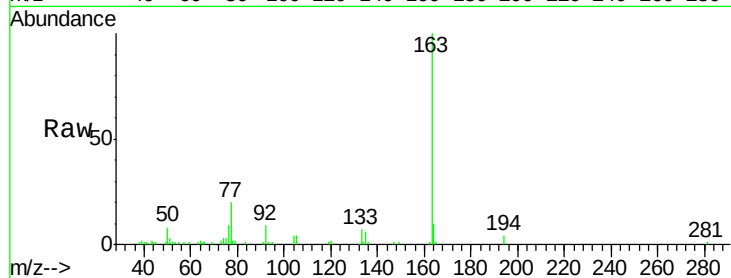
Tgt Ion:163 Resp: 61250

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

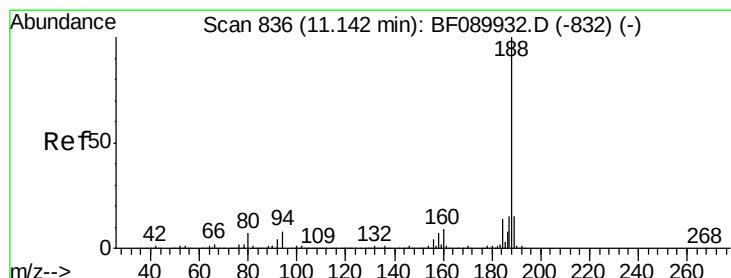
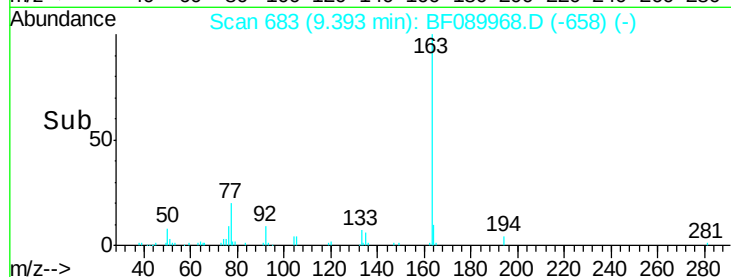
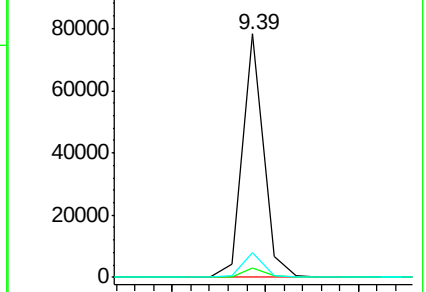
164 10.0 9.0 13.4



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: 11.13 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF089968.D

Acq: 1 Sep 2016 13:35

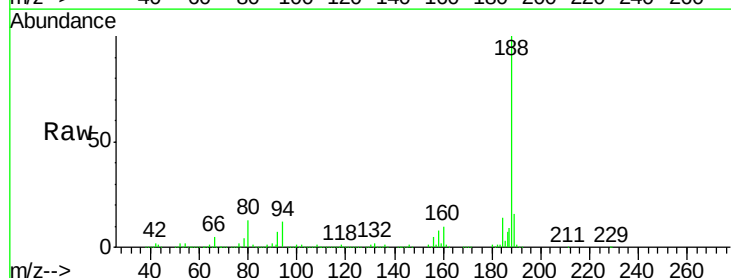
Tgt Ion:188 Resp: 528463

Ion Ratio Lower Upper

188 100

94 12.4 5.9 8.9#

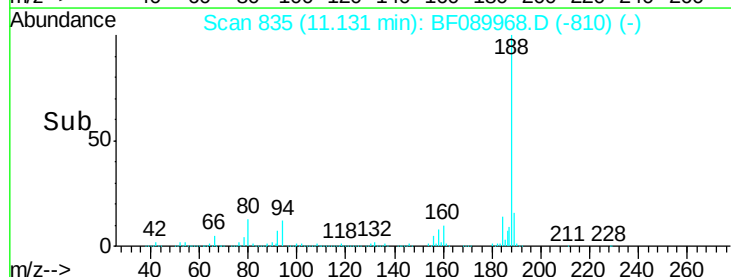
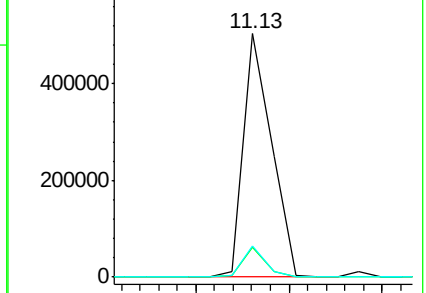
80 13.0 5.8 8.8#

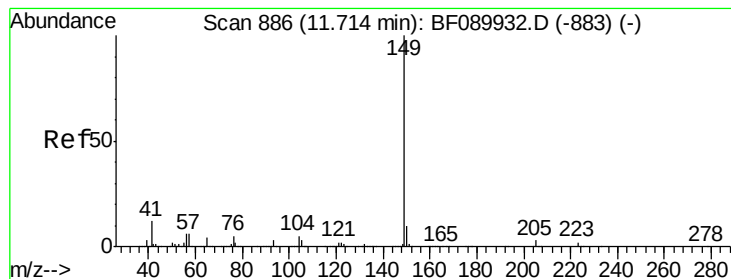


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#73

Di-n-butylphthalate

Concen: 2.37 ng

RT: 11.71 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF089968.D

Acq: 1 Sep 2016 13:35

Instrument :

BNA_F

ClientSampleId :

TP-1

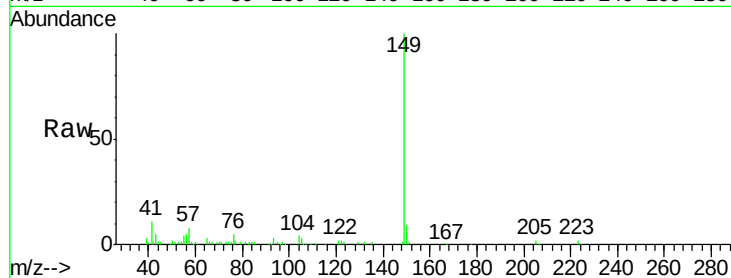
Tgt Ion:149 Resp: 69177

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.8

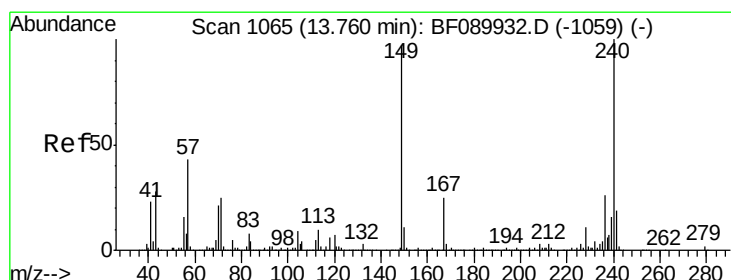
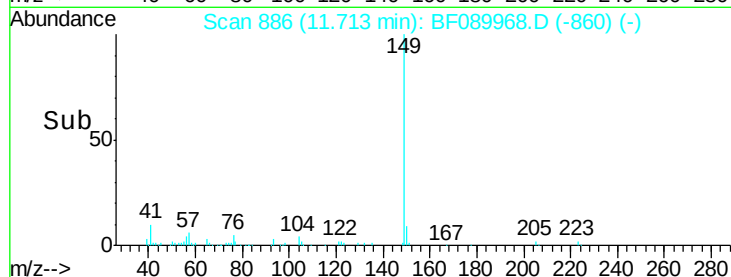
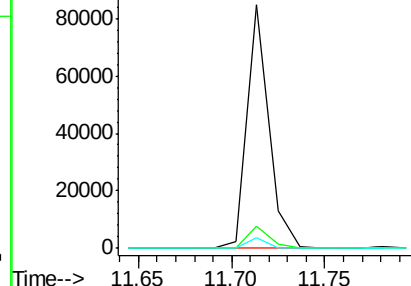
104 4.2 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF089968.D

Acq: 1 Sep 2016 13:35

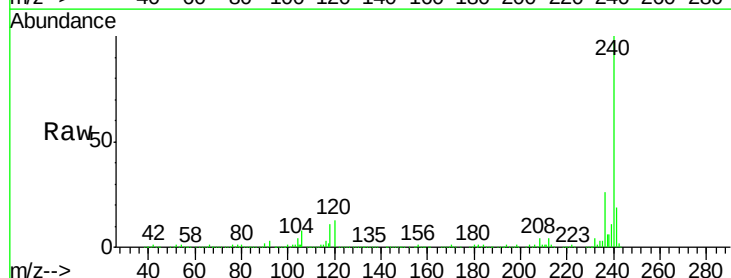
Tgt Ion:240 Resp: 445240

Ion Ratio Lower Upper

240 100

120 12.8 5.7 8.5#

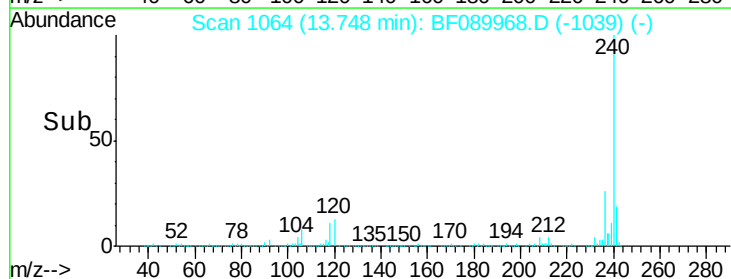
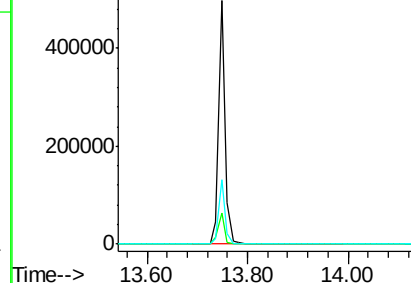
236 26.4 21.3 31.9

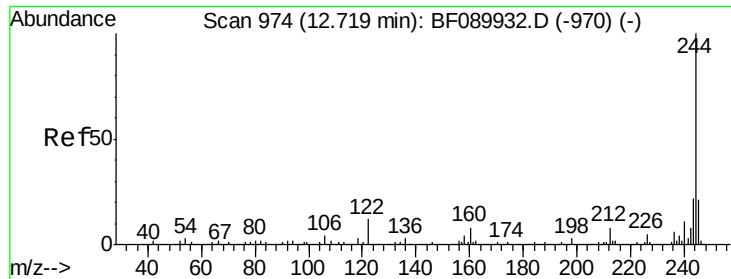


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

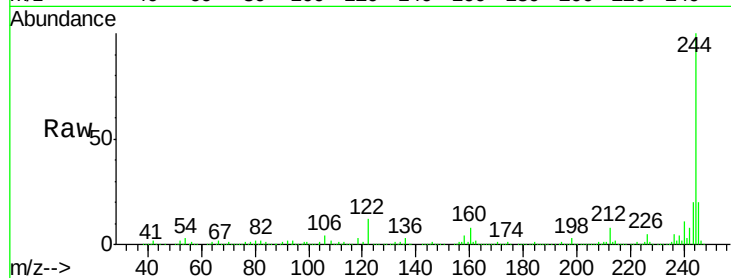




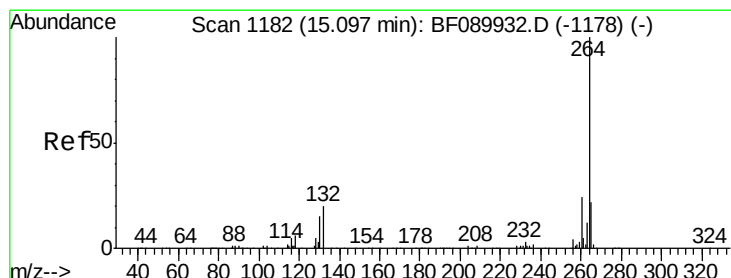
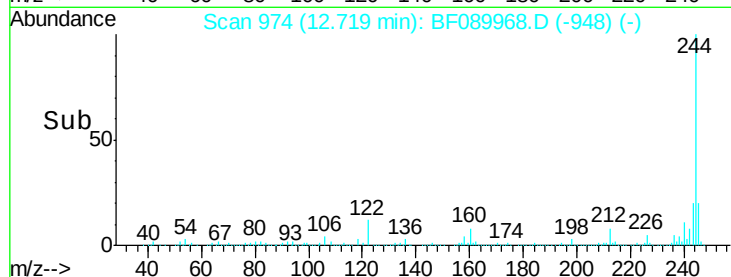
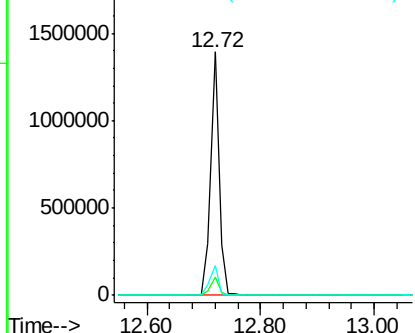
#78
 Terphenyl-d14
 Concen: 77.01 ng
 RT: 12.72 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF089968.D
 Acq: 1 Sep 2016 13:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 1388012
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 12.4 9.6 14.4

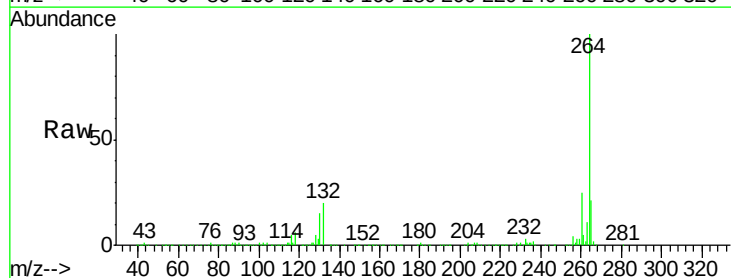


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF089968.D
 Acq: 1 Sep 2016 13:35

Tgt Ion:264 Resp: 434909
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.0
 265 21.3 17.4 26.2



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

