

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
 Data File : BF087981.D
 Acq On : 13 Jun 2016 14:08
 Operator : UM/SJ
 Sample : H3449-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 17-VE-PILE-WALL(0-2)

Quant Time: Jun 13 15:19:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:10:49 2016
 Response via : Initial Calibration

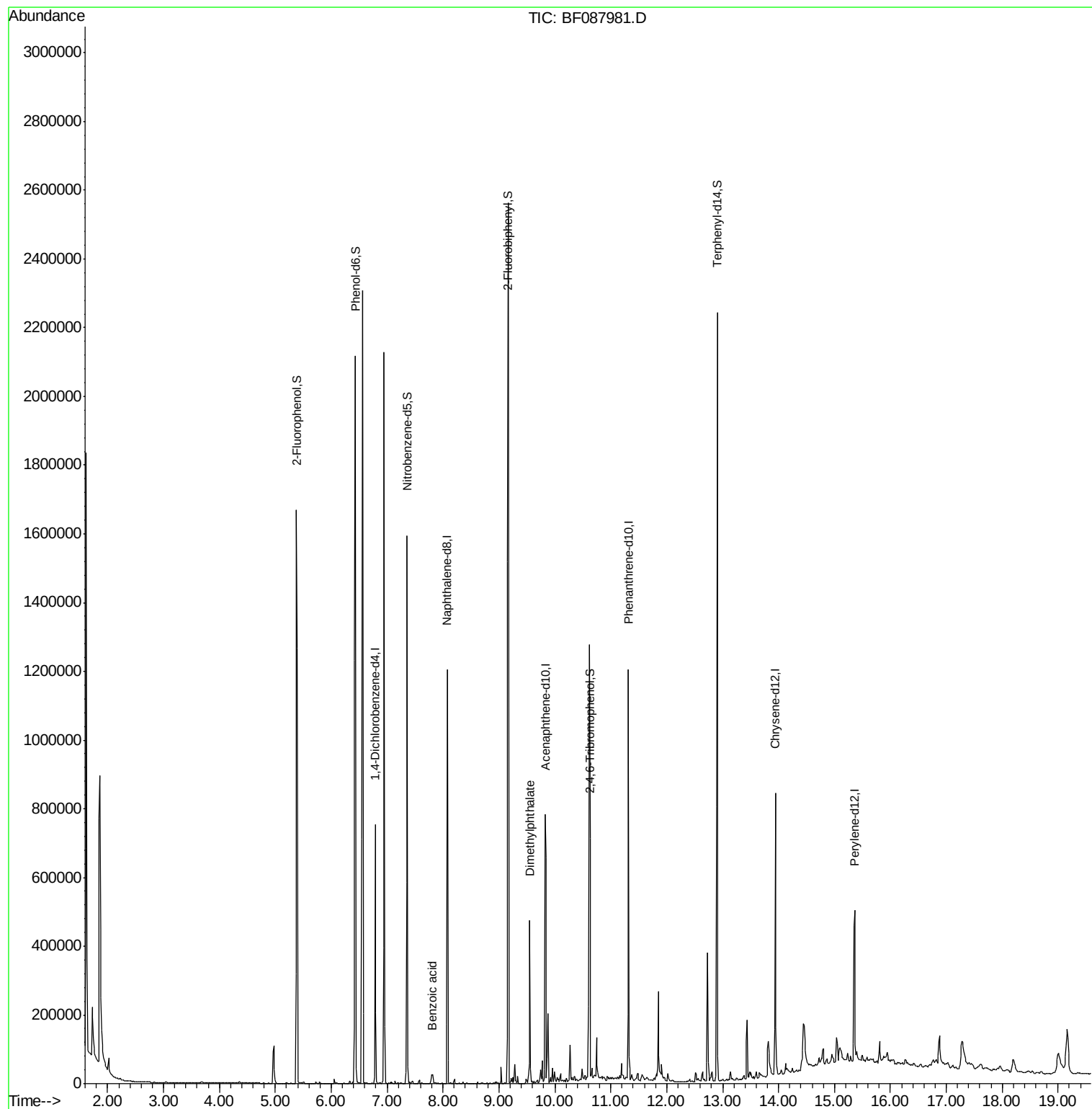
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	115607	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	506736	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	213614	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	389743	20.00	ng	0.00
75) Chrysene-d12	13.94	240	249694	20.00	ng	-0.01
86) Perylene-d12	15.36	264	229064	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	721212	106.65	ng	0.00
7) Phenol-d6	6.43	99	931947	113.71	ng	0.00
23) Nitrobenzene-d5	7.36	82	544696	62.77	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	196098	86.94	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1009058	73.45	ng	0.00
78) Terphenyl-d14	12.90	244	694647	63.31	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.80	122	11878	2.60	ng	94
49) Dimethylphthalate	9.55	163	174080	11.25	ng	99

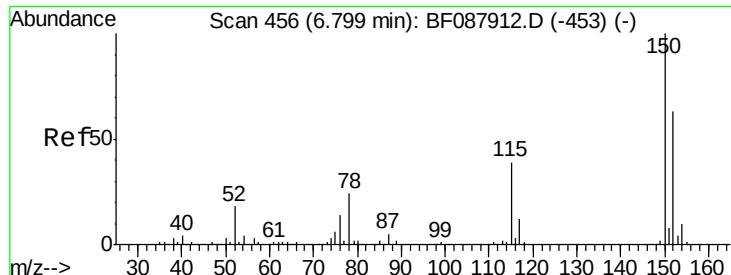
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF087981.D

Acq: 13 Jun 2016 14:08

Instrument :

BNA_F

ClientSampleId :

17-VE-PILE-WALL(0-2)

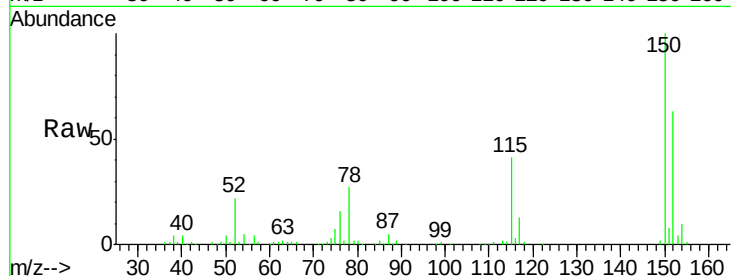
Tot Ion:152 Resp: 115607

Ion Ratio Lower Upper

152 100

150 159.9 123.8 185.6

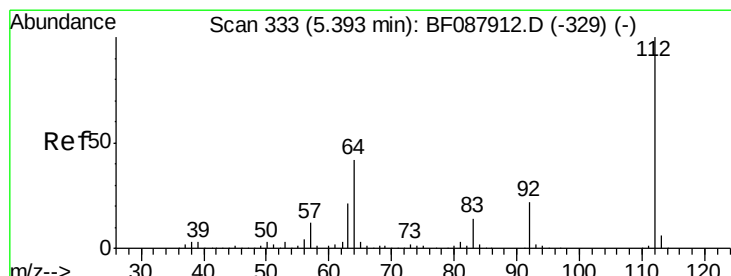
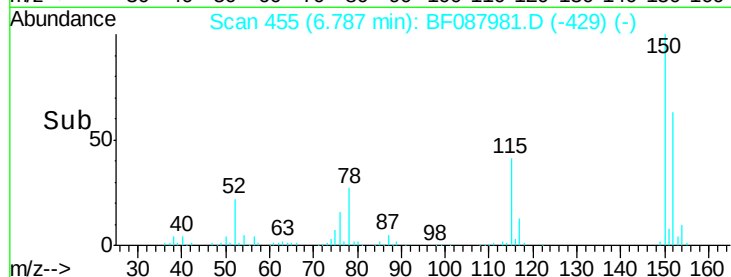
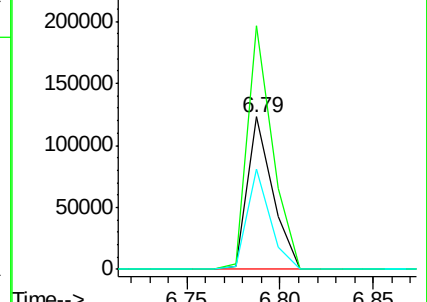
115 66.1 39.6 59.4#



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: 106.65 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF087981.D

Acq: 13 Jun 2016 14:08

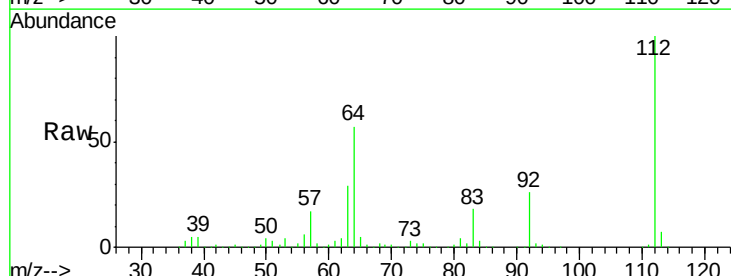
Tgt Ion:112 Resp: 721212

Ion Ratio Lower Upper

112 100

64 57.3 42.2 63.2

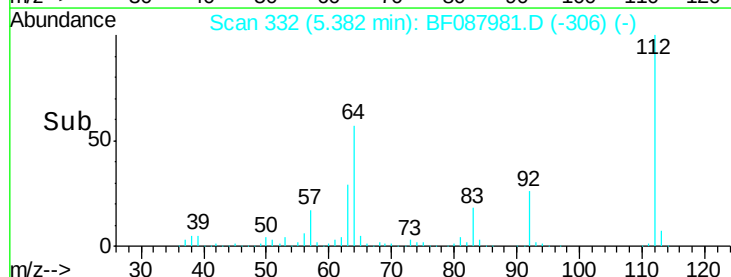
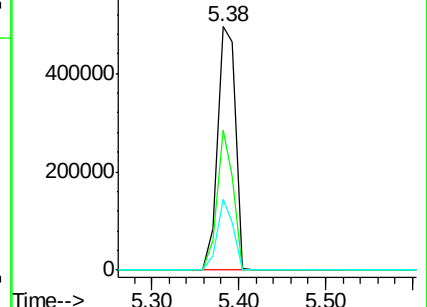
63 29.3 21.8 32.8

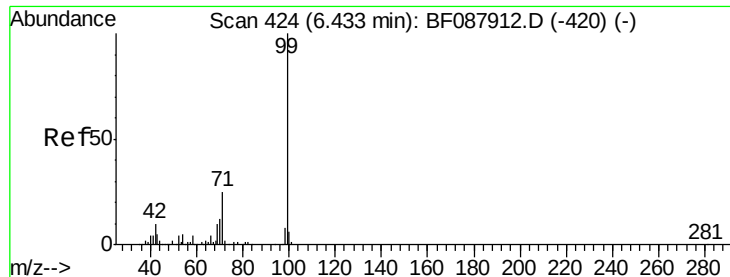


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.71 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF087981.D

Acq: 13 Jun 2016 14:08

Instrument :

BNA_F

ClientSampleId :

17-VE-PILE-WALL(0-2)

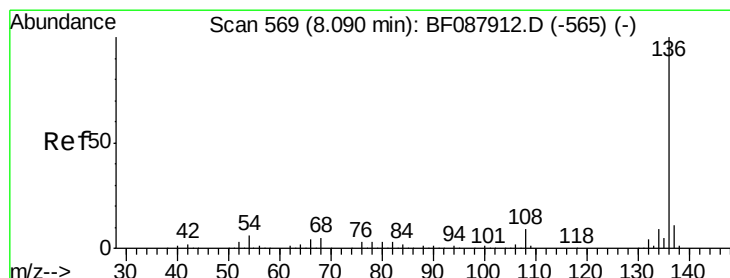
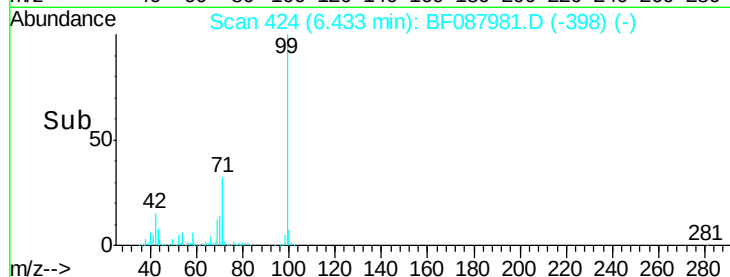
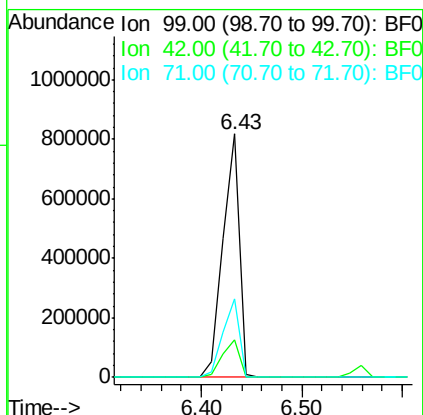
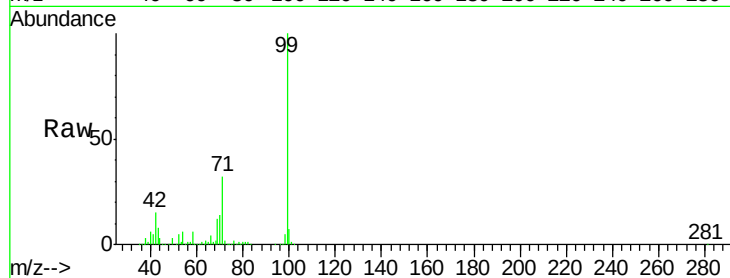
Tot Ion: 99 Resp: 931947

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

71 32.1 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF087981.D

Acq: 13 Jun 2016 14:08

Tgt Ion: 136 Resp: 506736

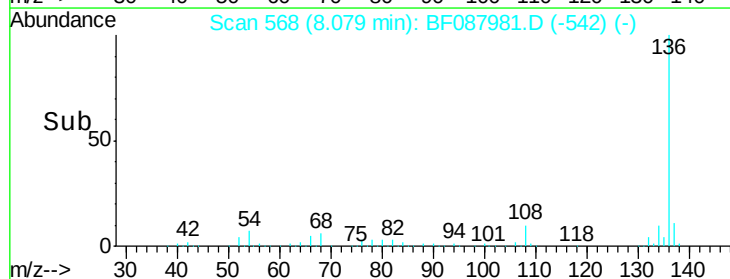
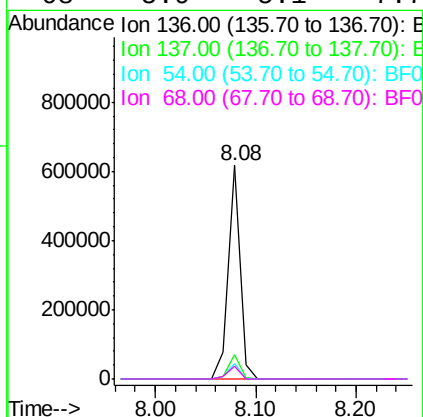
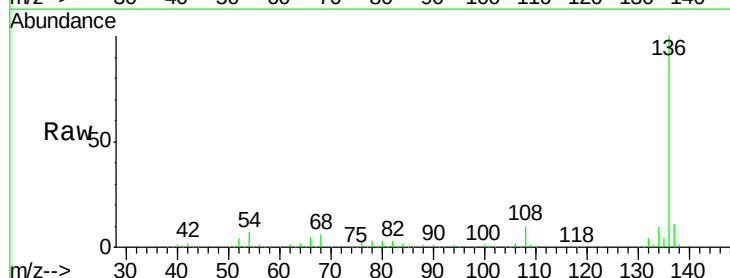
Ion Ratio Lower Upper

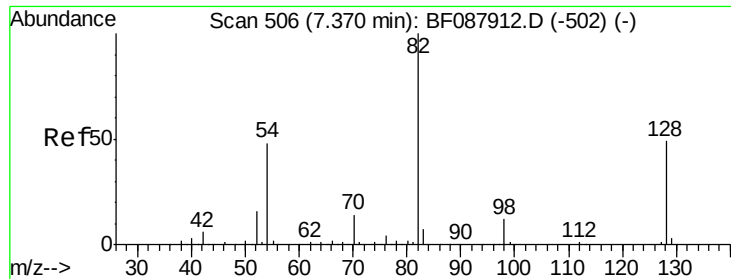
136 100

137 11.3 9.1 13.7

54 7.2 6.6 10.0

68 5.9 5.1 7.7

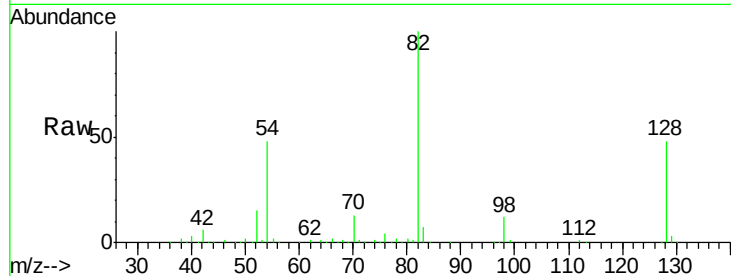




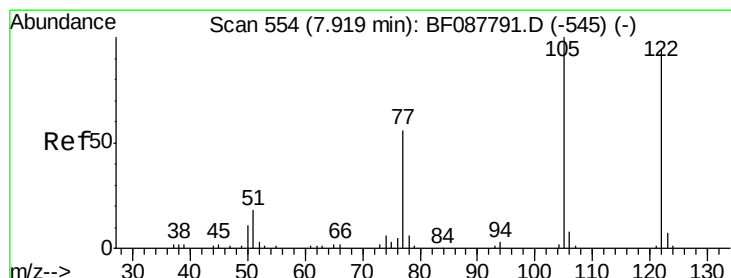
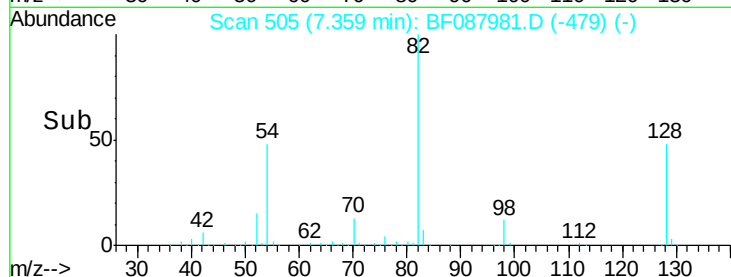
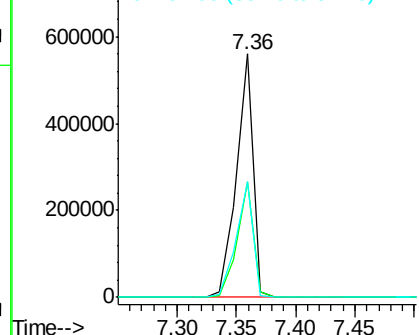
#23
 Nitrobenzene-d5
 Concen: 62.77 ng
 RT: 7.36 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF087981.D
 Acq: 13 Jun 2016 14:08

Instrument :
 BNA_F
 ClientSampleId :
 17-VE-PILE-WALL(0-2)

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	35.9	53.9
54	47.7	40.9	61.3

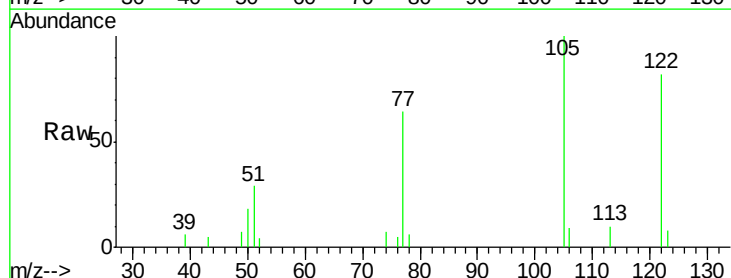


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

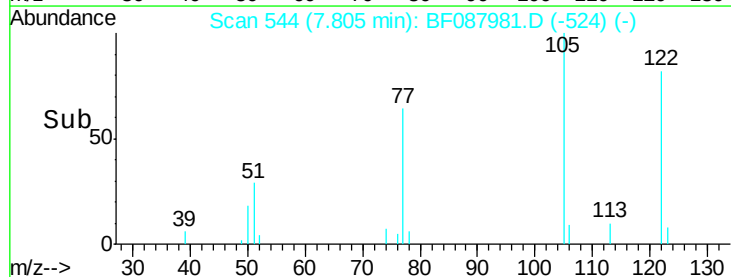
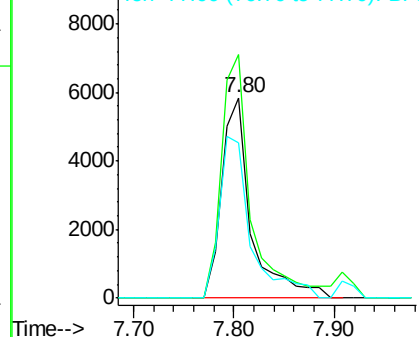


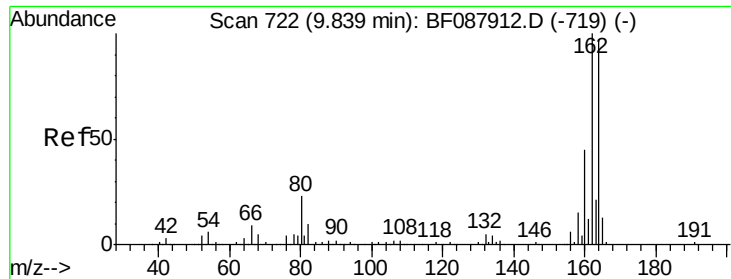
#32
 Benzoic acid
 Concen: 2.60 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.07 min
 Lab File: BF087981.D
 Acq: 13 Jun 2016 14:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.4	101.6	141.6
77	77.6	70.6	110.6



Abundance Ion 122.00 (121.70 to 122.70): B
 Ion 105.00 (104.70 to 105.70): B
 Ion 77.00 (76.70 to 77.70): BF0

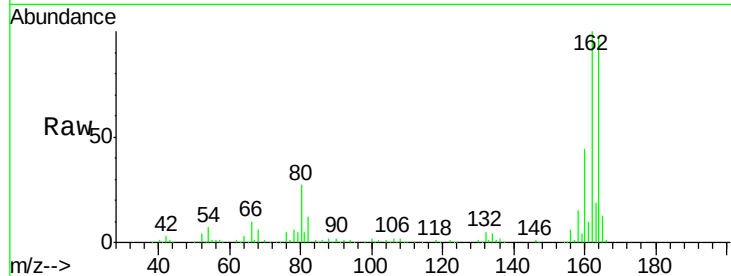




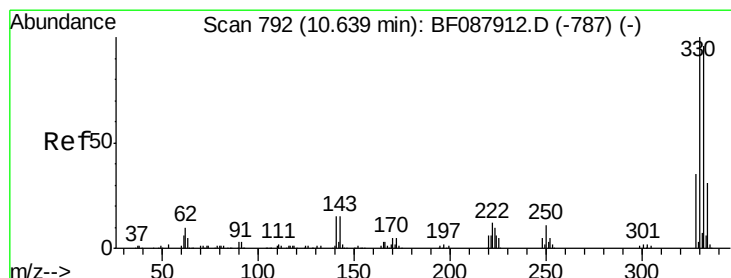
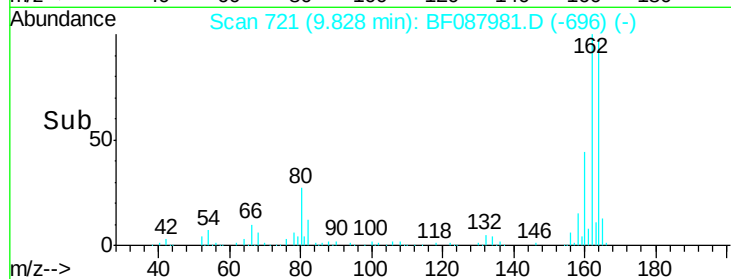
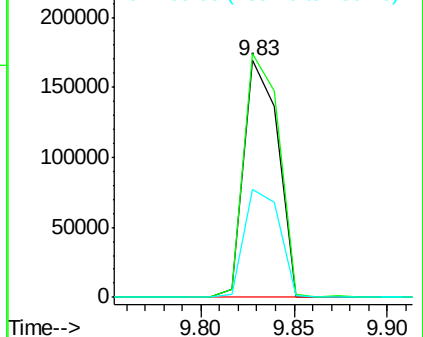
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF087981.D
Acq: 13 Jun 2016 14:08

Instrument :
BNA_F
ClientSampleId :
17-VE-PILE-WALL(0-2)

Tot Ion:164 Resp: 213614
Ion Ratio Lower Upper
164 100
162 102.8 85.4 128.2
160 45.4 39.5 59.3

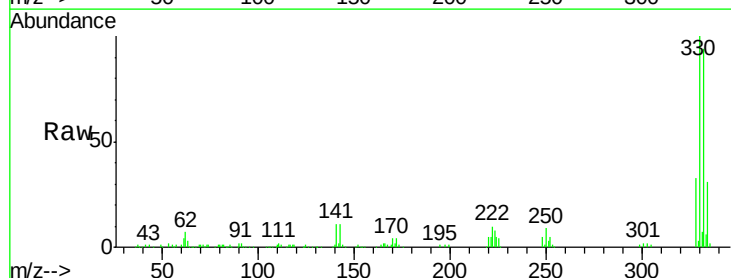


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

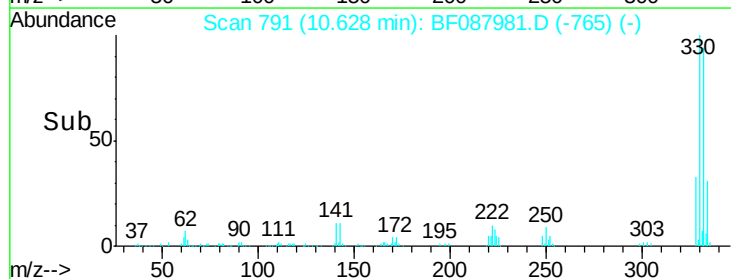
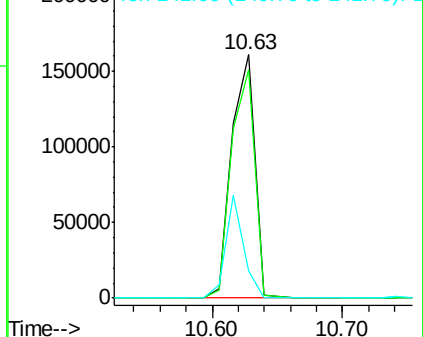


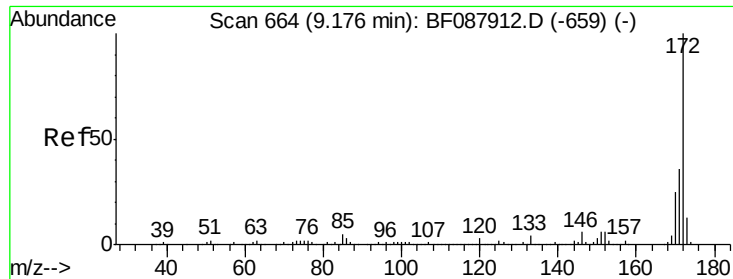
#41
2,4,6-Tribromophenol
Concen: 86.94 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF087981.D
Acq: 13 Jun 2016 14:08

Tgt Ion:330 Resp: 196098
Ion Ratio Lower Upper
330 100
332 95.3 0.0 0.0#
141 33.4 0.0 0.0#



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

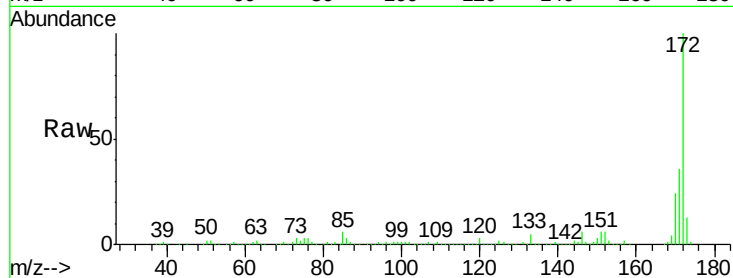




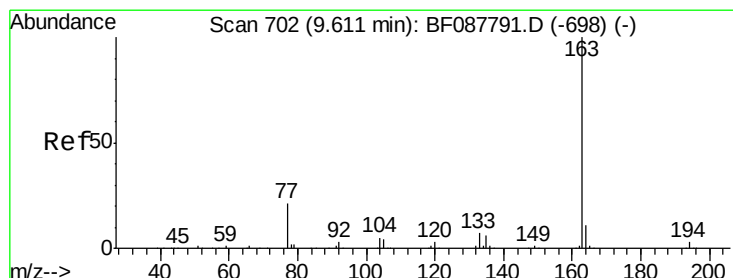
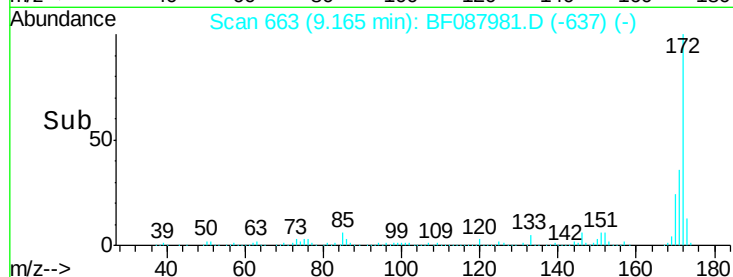
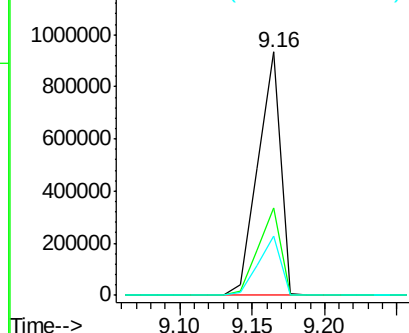
#44
 2-Fluorobiphenyl
 Concen: 73.45 ng
 RT: 9.16 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF087981.D
 Acq: 13 Jun 2016 14:08

Instrument :
 BNA_F
 ClientSampleId :
 17-VE-PILE-WALL(0-2)

Tot Ion:172 Resp: 1009058
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 24.4 19.2 28.8

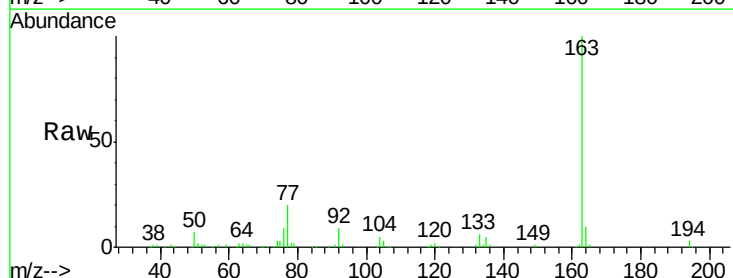


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

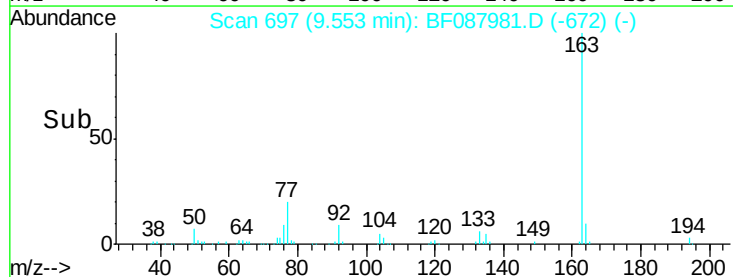
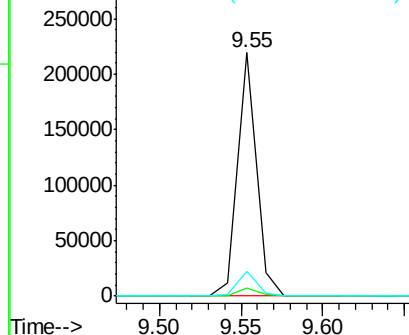


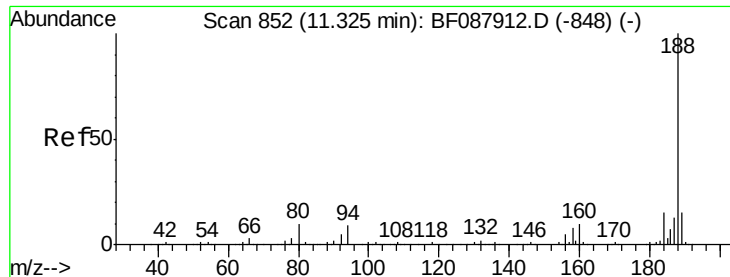
#49
 Dimethylphthalate
 Concen: 11.25 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.01 min
 Lab File: BF087981.D
 Acq: 13 Jun 2016 14:08

Tgt Ion:163 Resp: 174080
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.8 4.2
 164 9.9 8.3 12.5



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

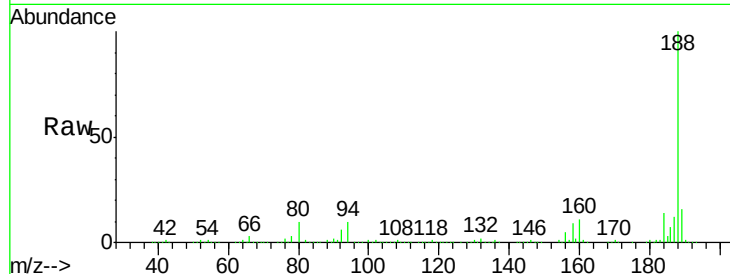




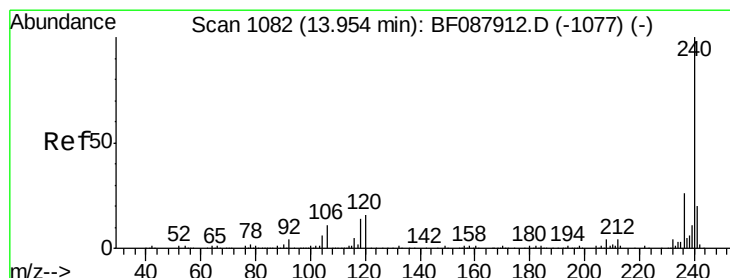
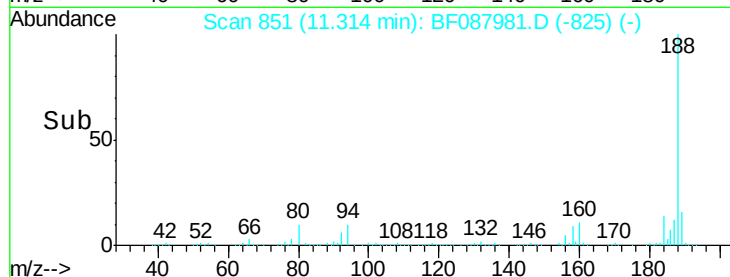
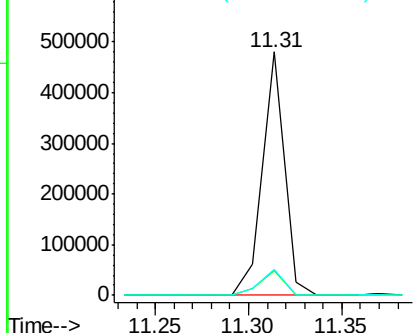
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF087981.D
Acq: 13 Jun 2016 14:08

Instrument :
BNA_F
ClientSampleId :
17-VE-PILE-WALL(0-2)

Tot Ion:188 Resp: 389743
Ion Ratio Lower Upper
188 100
94 10.2 9.0 13.6
80 10.4 10.0 15.0

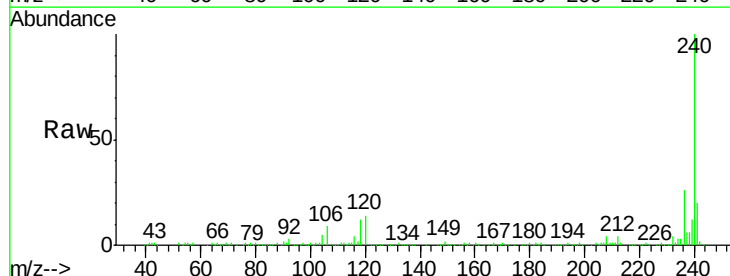


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

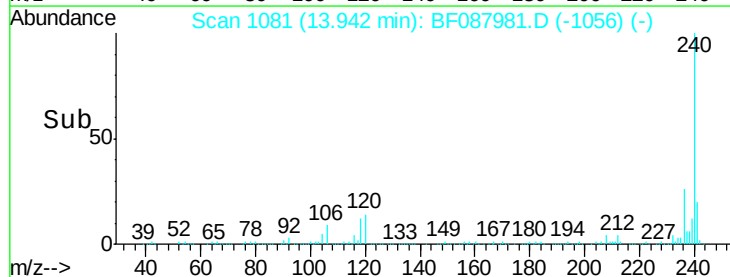
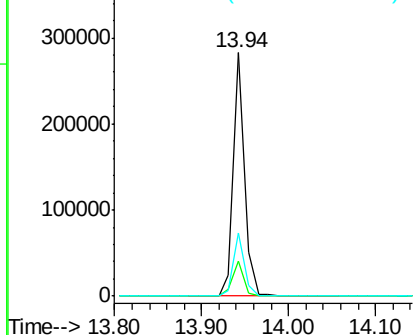


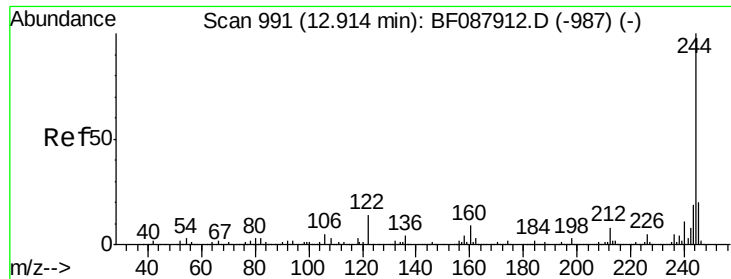
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF087981.D
Acq: 13 Jun 2016 14:08

Tgt Ion:240 Resp: 249694
Ion Ratio Lower Upper
240 100
120 14.3 6.8 10.2#
236 25.8 20.2 30.2



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

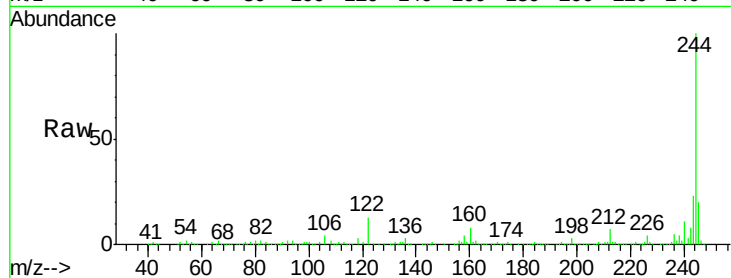




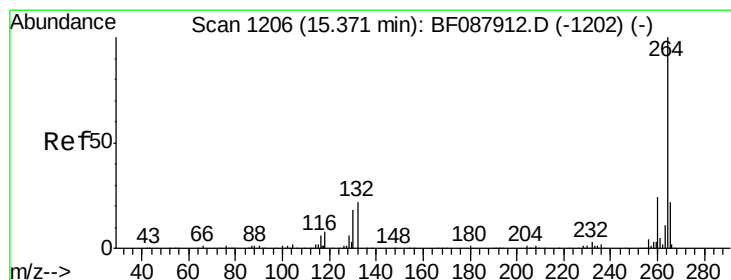
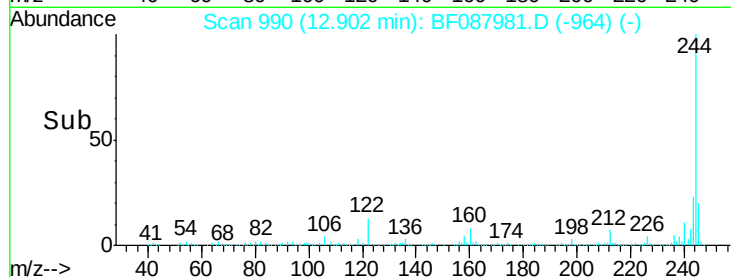
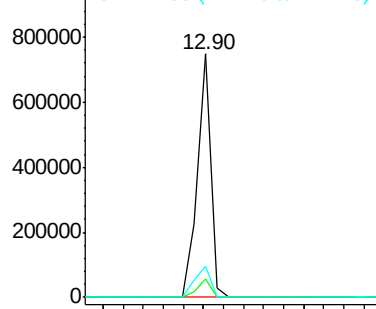
#78
 Terphenyl-d14
 Concen: 63.31 ng
 RT: 12.90 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF087981.D
 Acq: 13 Jun 2016 14:08

Instrument :
 BNA_F
 ClientSampleId :
 17-VE-PILE-WALL(0-2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	12.7	11.2	16.8

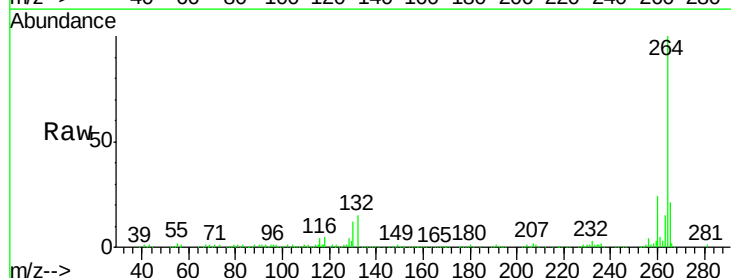


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF087981.D
 Acq: 13 Jun 2016 14:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.1	16.9	25.3



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

