

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087334.D
 Acq On : 24 May 2016 10:40
 Operator : UM/SJ
 Sample : H3168-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Quant Time: May 24 19:00:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

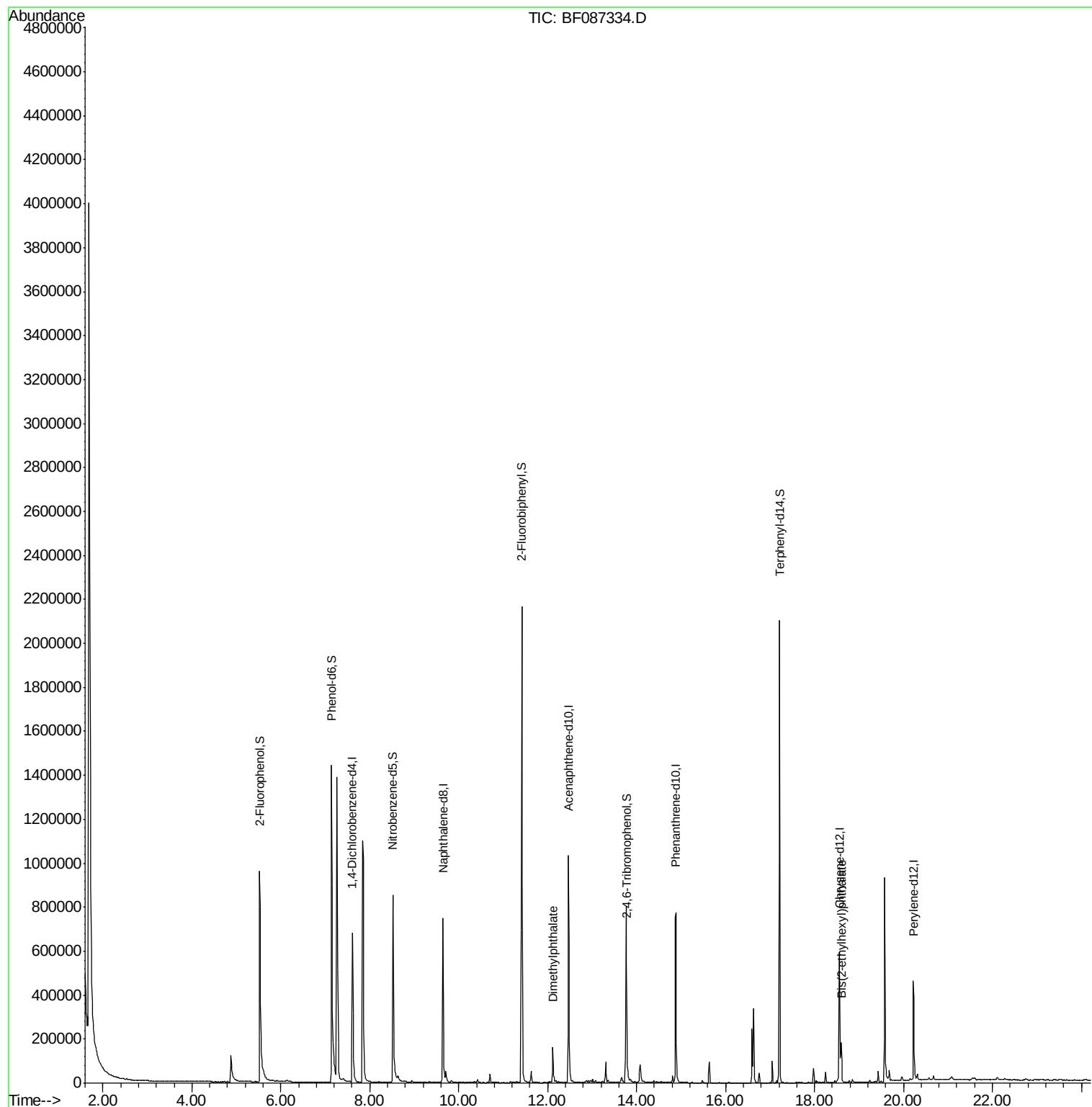
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	134106	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	578736	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	272881	20.00	ng	-0.01
63) Phenanthrene-d10	14.88	188	496780	20.00	ng	0.00
75) Chrysene-d12	18.56	240	349135	20.00	ng	0.00
86) Perylene-d12	20.22	264	264532	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	496735	65.09	ng	0.00
7) Phenol-d6	7.14	99	710177	68.87	ng	-0.02
23) Nitrobenzene-d5	8.51	82	496411	43.23	ng	-0.02
41) 2,4,6-Tribromophenol	13.77	330	128239	48.90	ng	-0.01
44) 2-Fluorobiphenyl	11.42	172	891130	46.04	ng	-0.01
78) Terphenyl-d14	17.21	244	761785	46.39	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	12.11	163	90070	4.12	ng	99
83) Bis(2-ethylhexyl)phthalate	18.61	149	98545	6.06	ng	# 99

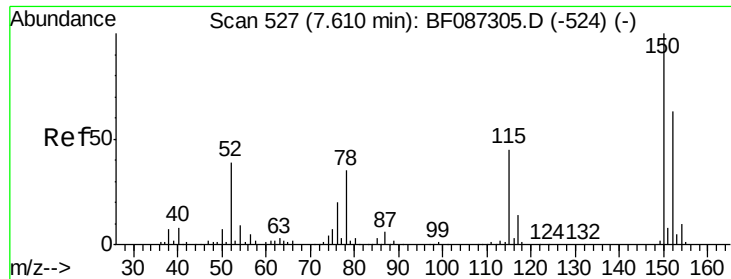
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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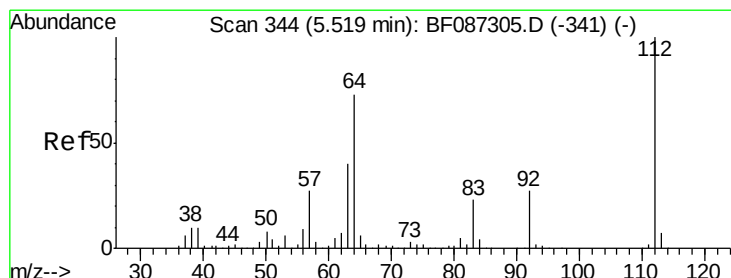
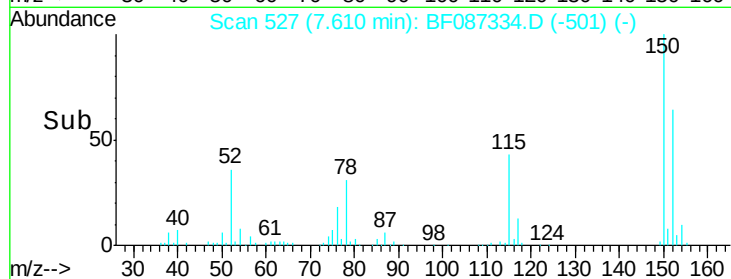
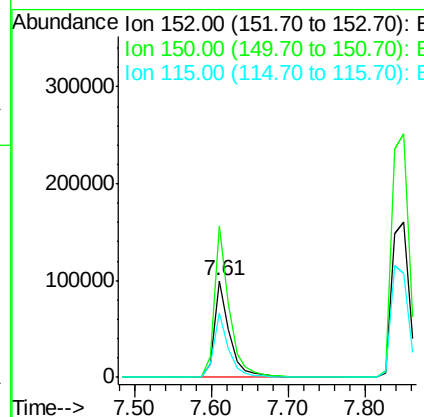
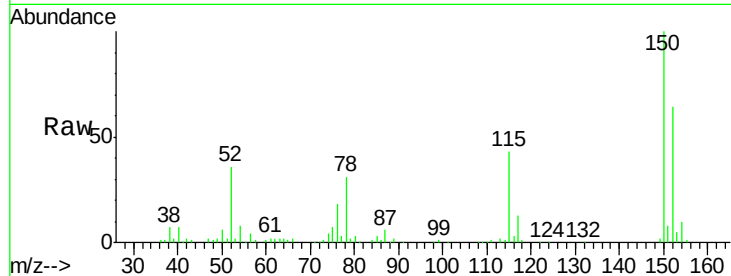


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF087334.D
Acq: 24 May 2016 10:40

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

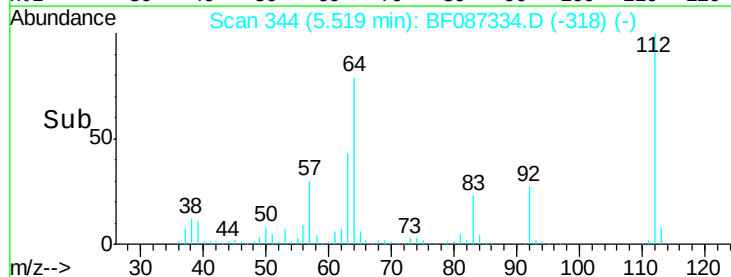
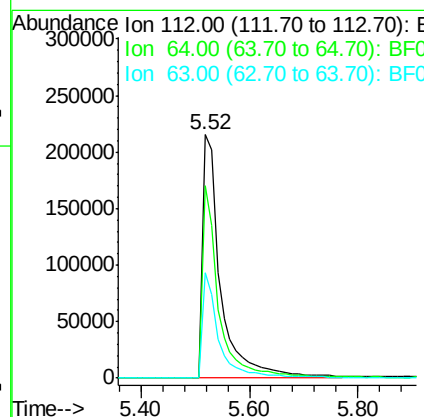
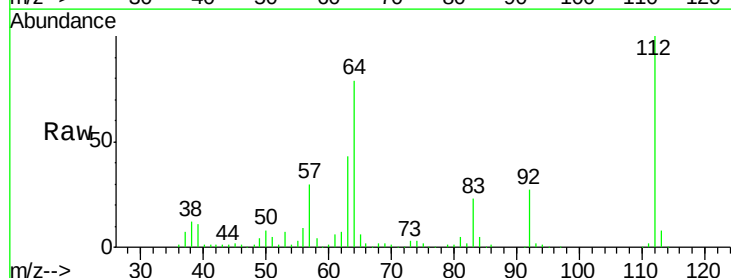
Tgt Ion:152 Resp: 134106
Ion Ratio Lower Upper
152 100
150 155.8 125.8 188.6
115 66.9 51.5 77.3

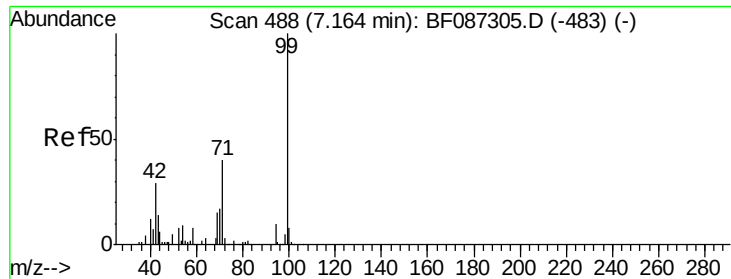


#5

2-Fluorophenol
Concen: 65.09 ng
RT: 5.52 min Scan# 344
Delta R.T. 0.00 min
Lab File: BF087334.D
Acq: 24 May 2016 10:40

Tgt Ion:112 Resp: 496735
Ion Ratio Lower Upper
112 100
64 78.8 52.1 78.1#
63 43.4 25.7 38.5#





#7

Phenol-d6

Concen: 68.87 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.02 min

Lab File: BF087334.D

Acq: 24 May 2016 10:40

Instrument :

BNA_F

ClientSampled :

SB-10-COMP

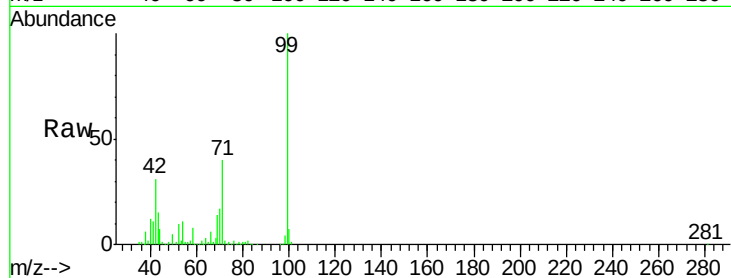
Tgt Ion: 99 Resp: 710177

Ion Ratio Lower Upper

99 100

42 31.3 13.6 20.4#

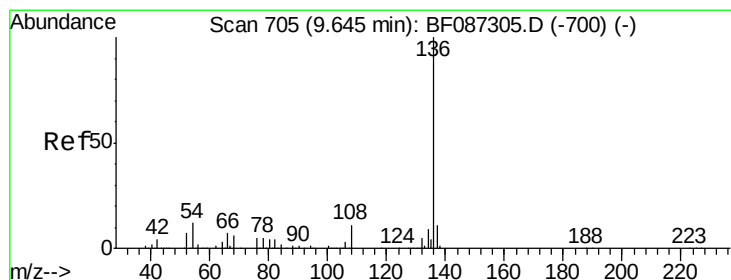
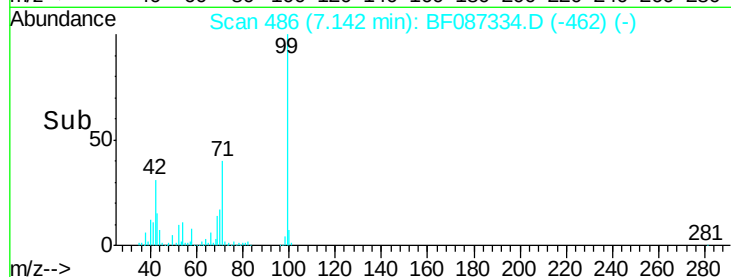
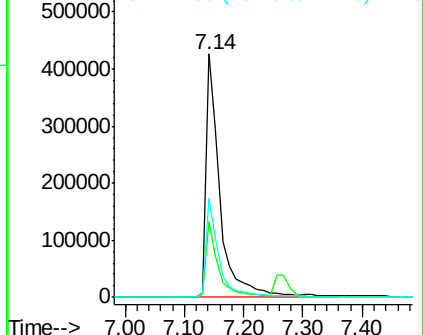
71 40.4 24.6 36.8#



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: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF087334.D

Acq: 24 May 2016 10:40

Tgt Ion: 136 Resp: 578736

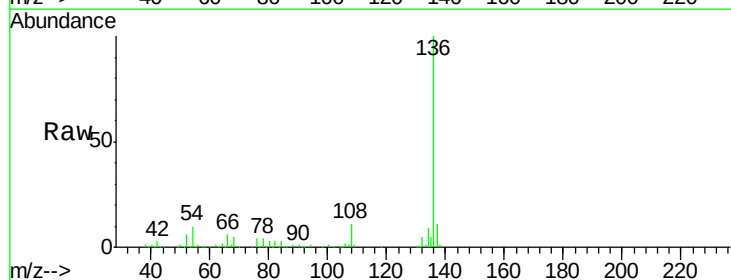
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 10.1 5.0 7.4#

68 5.2 4.4 6.6

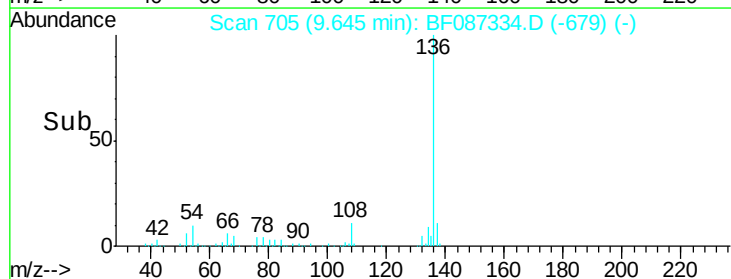
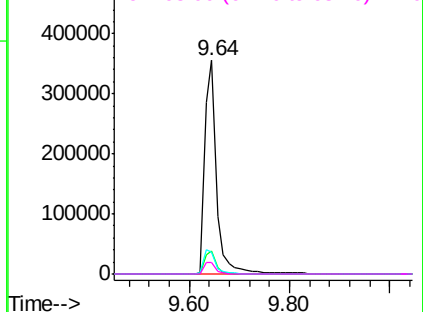


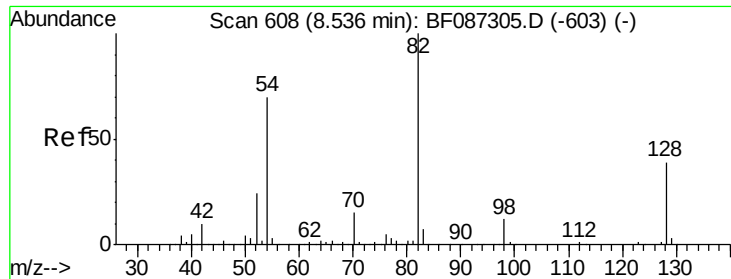
Abundance Ion 136.00 (135.70 to 136.70): E

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

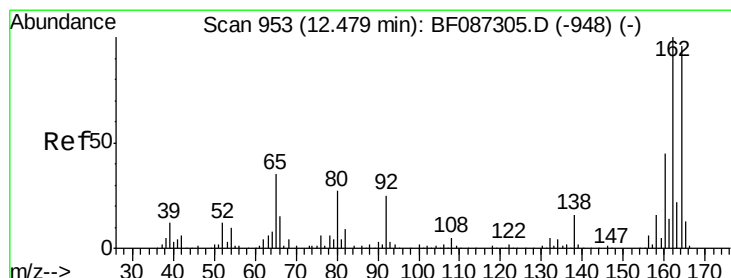
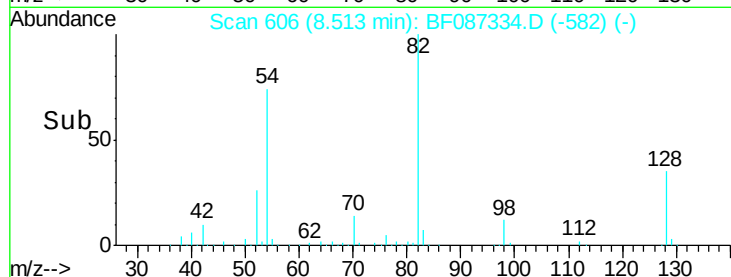
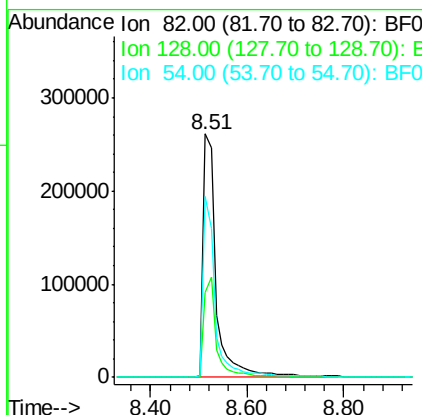
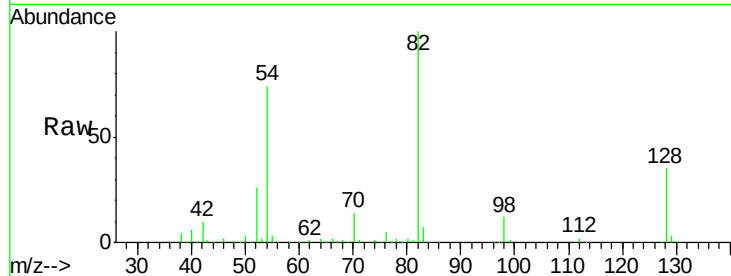




#23
Nitrobenzene-d5
Concen: 43.23 ng
RT: 8.51 min Scan# 606
Delta R.T. -0.02 min
Lab File: BF087334.D
Acq: 24 May 2016 10:40

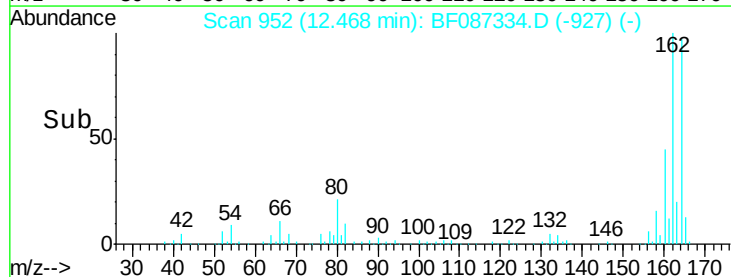
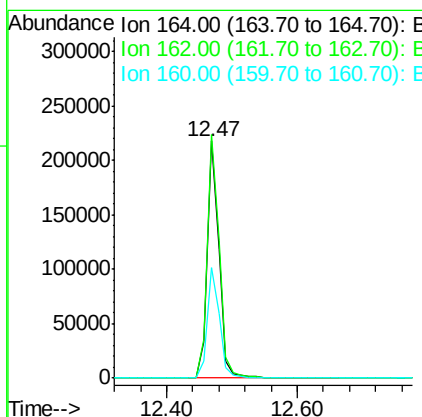
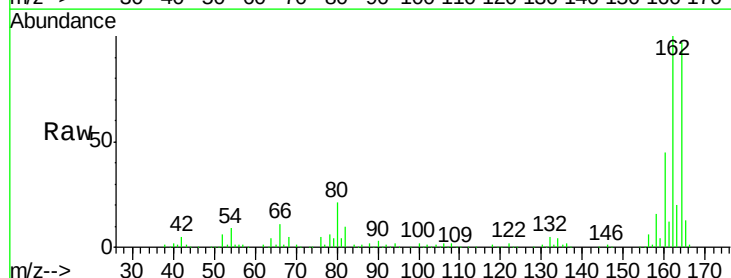
Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

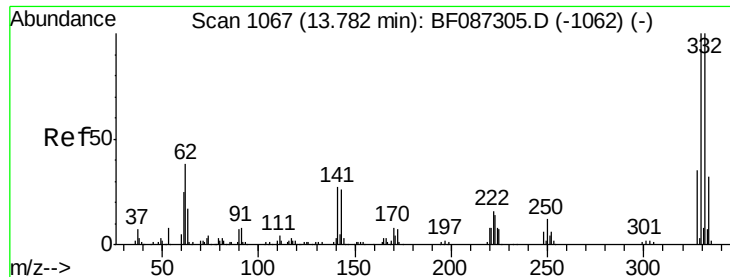
Tgt Ion: 82 Resp: 496411
Ion Ratio Lower Upper
82 100
128 34.9 40.6 61.0#
54 74.3 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.47 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF087334.D
Acq: 24 May 2016 10:40

Tgt Ion: 164 Resp: 272881
Ion Ratio Lower Upper
164 100
162 102.9 82.8 124.2
160 46.5 36.9 55.3

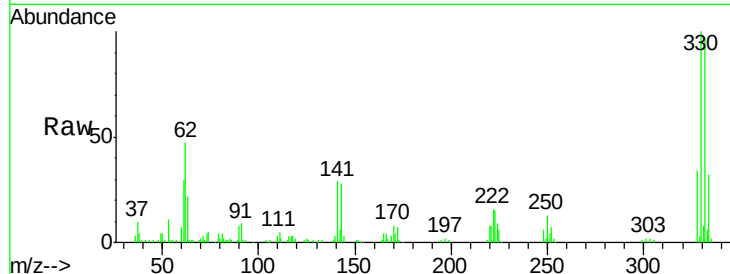




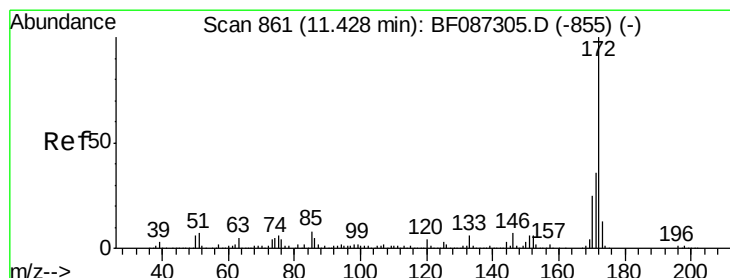
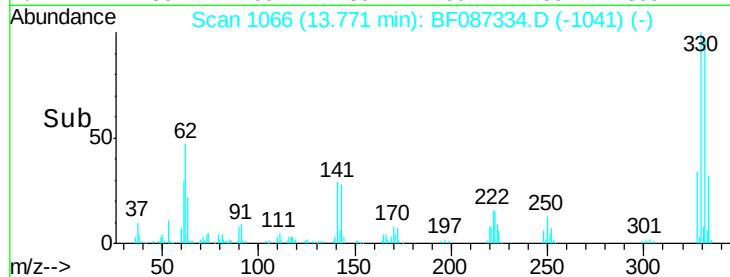
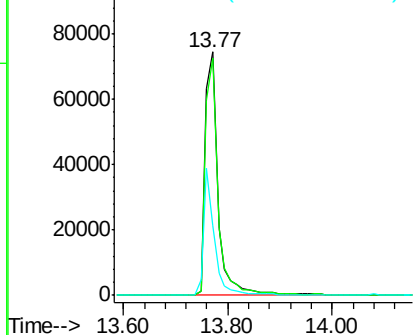
#41
 2,4,6-Tribromophenol
 Concen: 48.90 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087334.D
 Acq: 24 May 2016 10:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.0	118.4
141	43.1	31.2	46.8

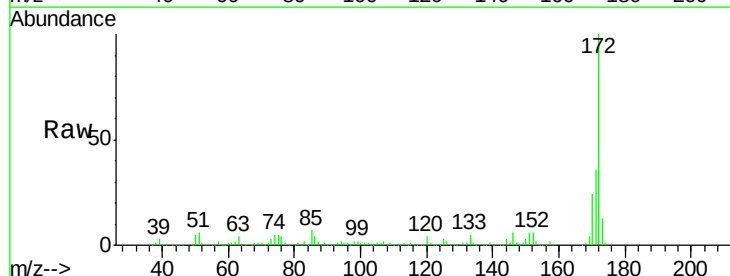


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

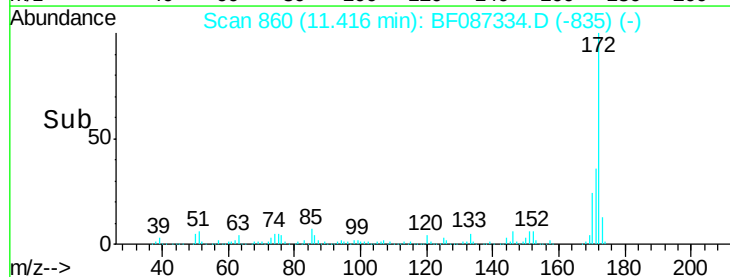
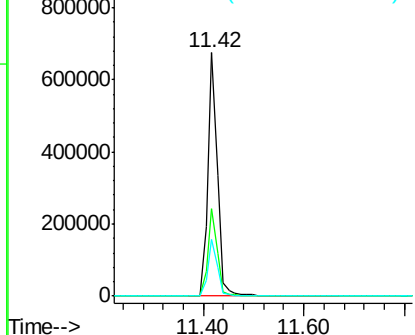


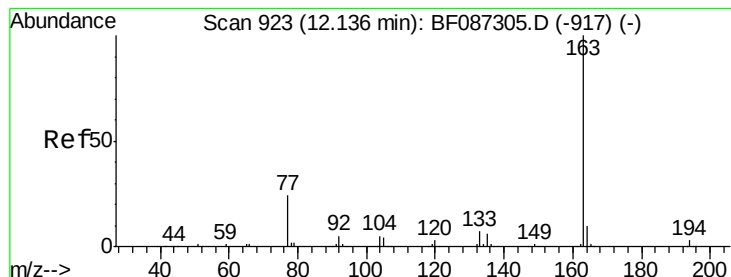
#44
 2-Fluorobiphenyl
 Concen: 46.04 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF087334.D
 Acq: 24 May 2016 10:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	23.5	19.8	29.8



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: 4.12 ng

RT: 12.11 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF087334.D

Acq: 24 May 2016 10:40

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

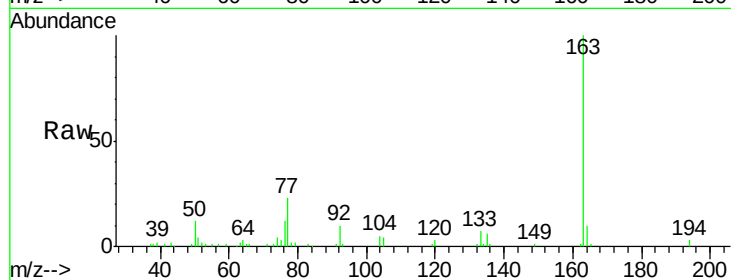
Tgt Ion:163 Resp: 90070

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

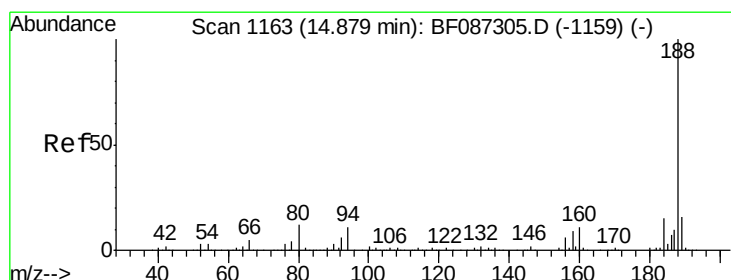
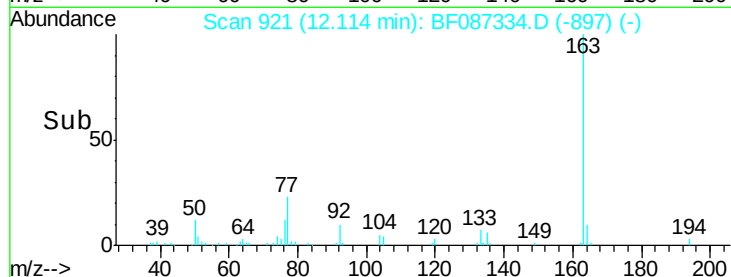
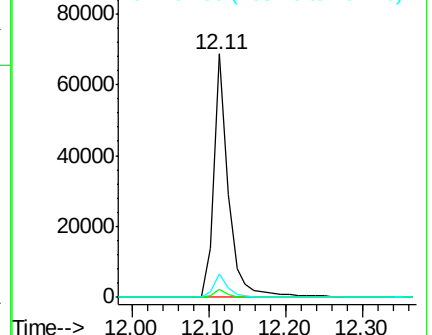
164 9.8 8.2 12.4



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: 14.88 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF087334.D

Acq: 24 May 2016 10:40

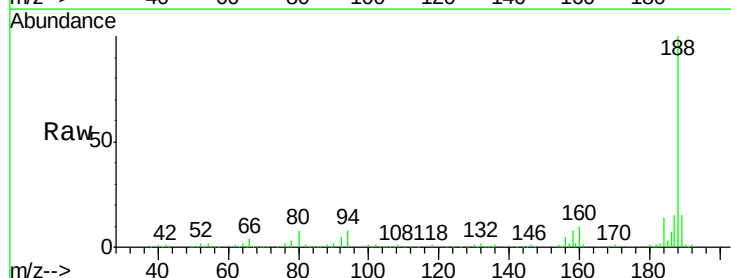
Tgt Ion:188 Resp: 496780

Ion Ratio Lower Upper

188 100

94 8.0 6.8 10.2

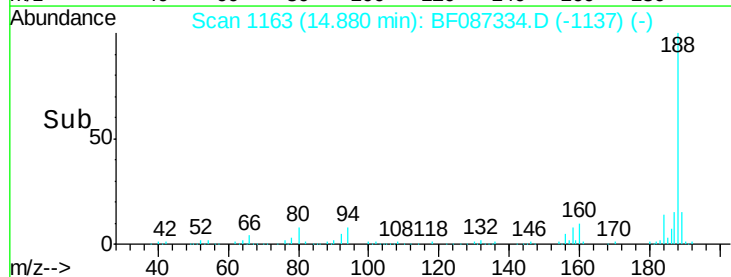
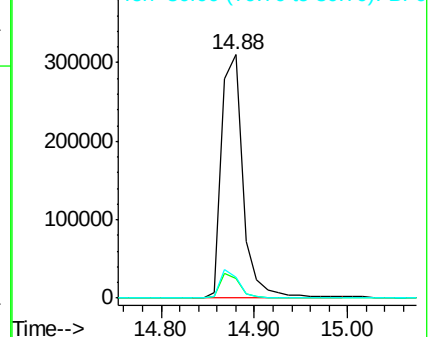
80 8.4 7.1 10.7

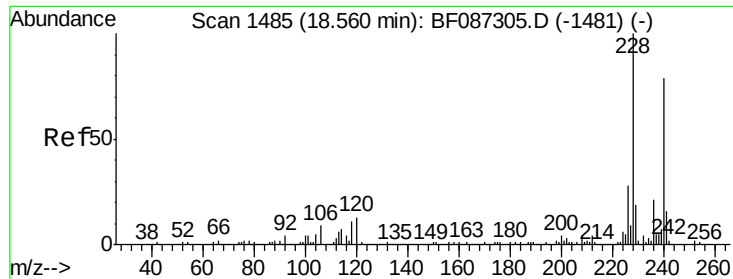


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.56 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BF087334.D

Acq: 24 May 2016 10:40

Instrument :

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ClientSampleId :

SB-10-COMP

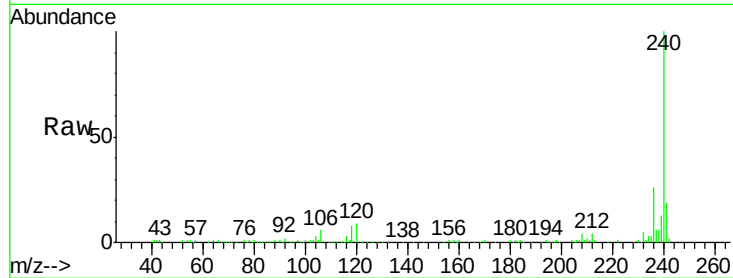
Tgt Ion:240 Resp: 349135

Ion Ratio Lower Upper

240 100

120 8.8 11.2 16.8#

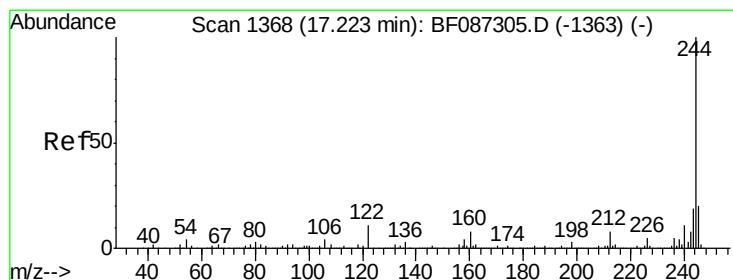
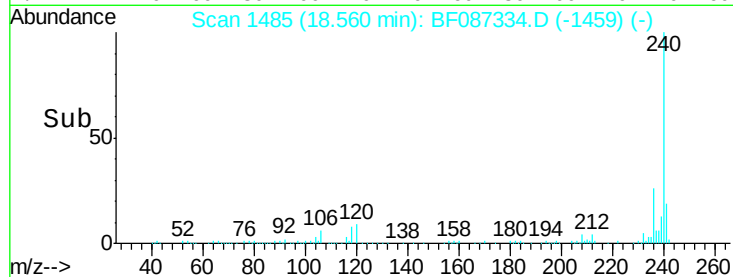
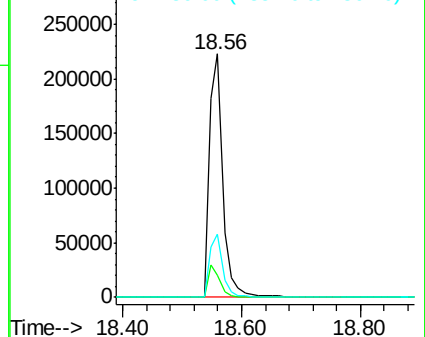
236 25.9 21.2 31.8



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: 46.39 ng

RT: 17.21 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF087334.D

Acq: 24 May 2016 10:40

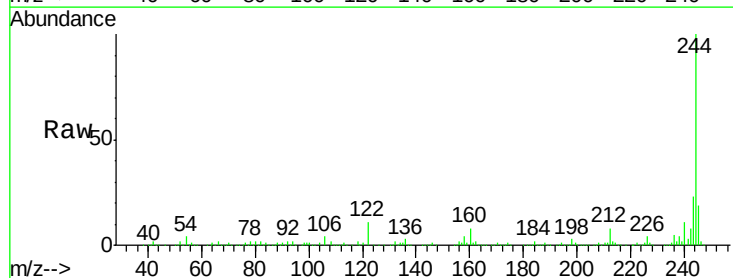
Tgt Ion:244 Resp: 761785

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

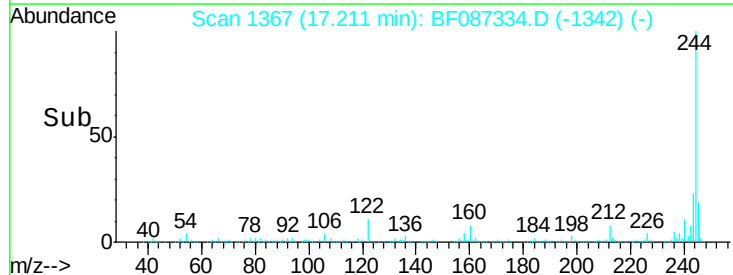
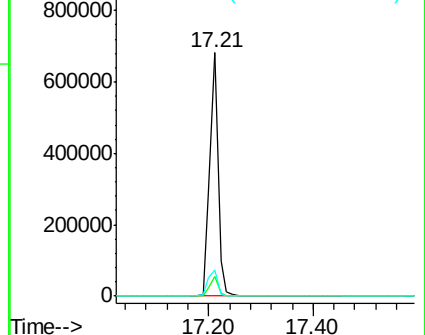
122 10.9 12.0 18.0#

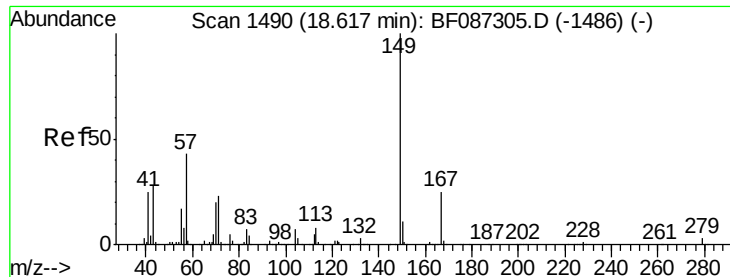


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.06 ng

RT: 18.61 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF087334.D

Acq: 24 May 2016 10:40

Instrument :

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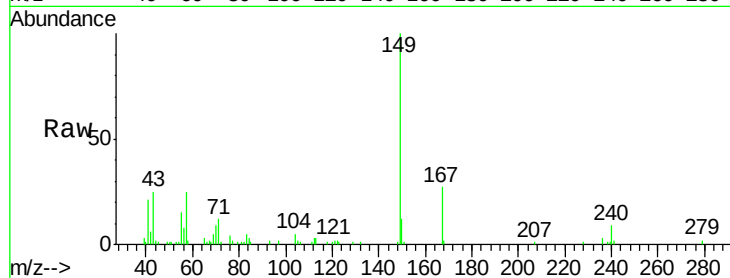
Tgt Ion:149 Resp: 98545

Ion Ratio Lower Upper

149 100

167 26.7 21.8 32.6

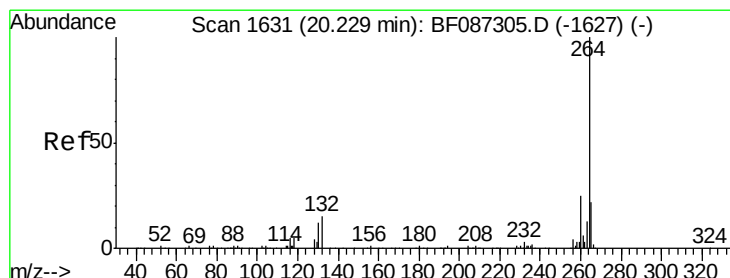
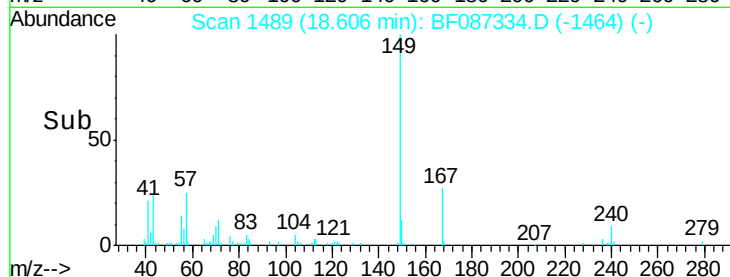
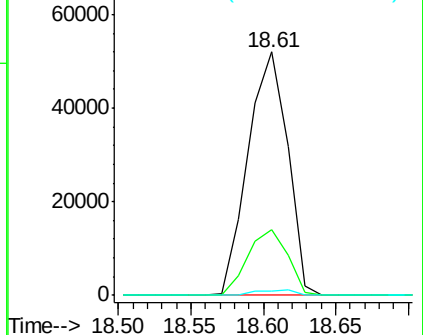
279 1.8 2.6 4.0#



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: 20.22 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BF087334.D

Acq: 24 May 2016 10:40

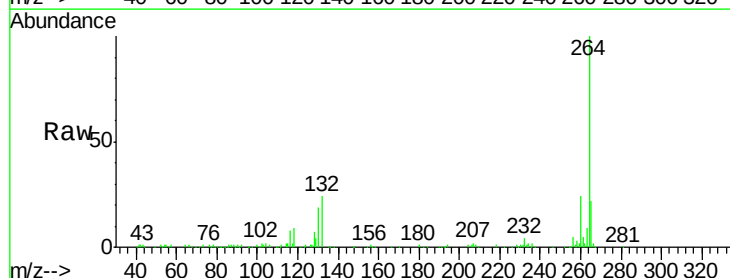
Tgt Ion:264 Resp: 264532

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 22.0 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

