

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
 Data File : BF090655.D
 Acq On : 19 Oct 2016 18:42
 Operator : UM/SJ
 Sample : H5296-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C7-GW

Quant Time: Oct 20 01:40:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

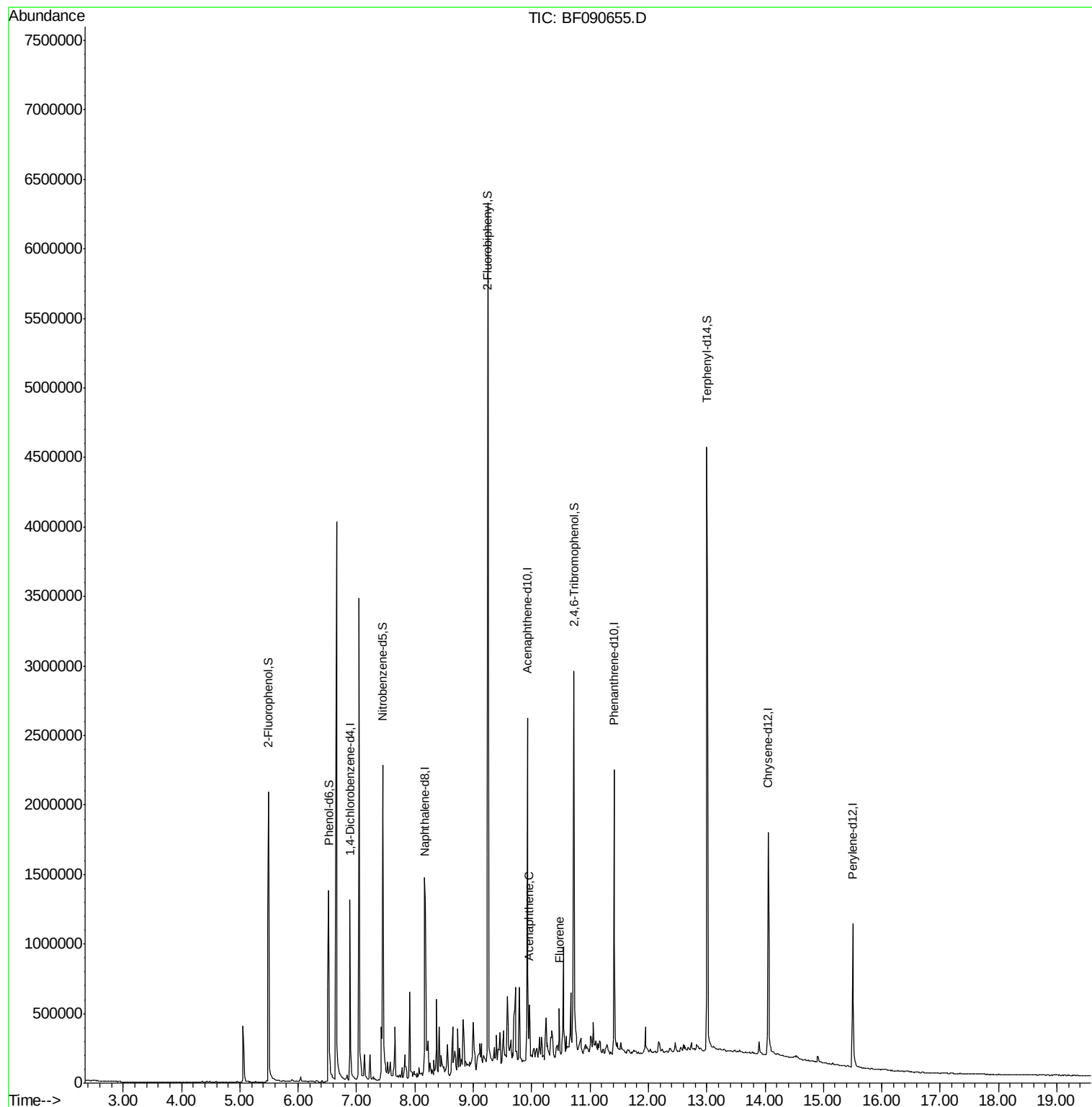
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	217028	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	945347	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	510011	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	840956	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	655513	20.00	ng	-0.01
86) Perylene-d12	15.50	264	496179	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	757666	64.00	ng	0.00
7) Phenol-d6	6.52	99	664391	37.77	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1144230	67.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	543672	119.57	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1989373	64.27	ng	-0.01
78) Terphenyl-d14	13.00	244	1975351	70.16	ng	-0.01
Target Compounds						Qvalue
51) Acenaphthene	9.96	154	78587	2.57	ng	98
57) Fluorene	10.47	166	73343	2.21	ng	99

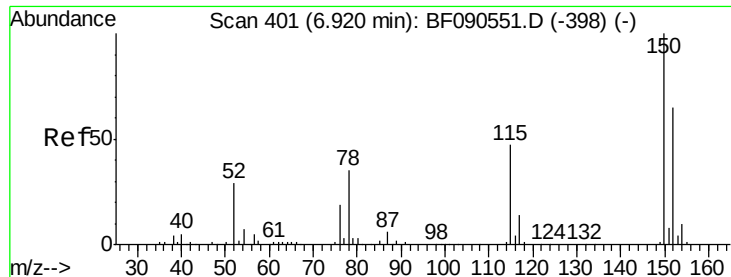
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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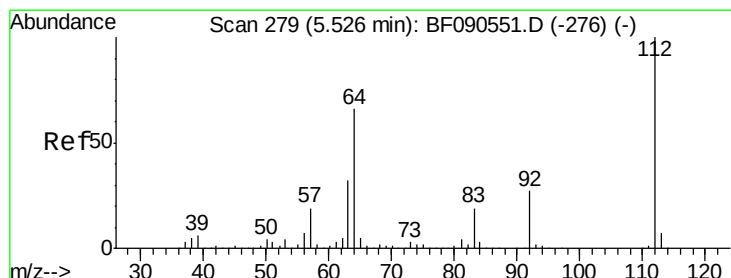
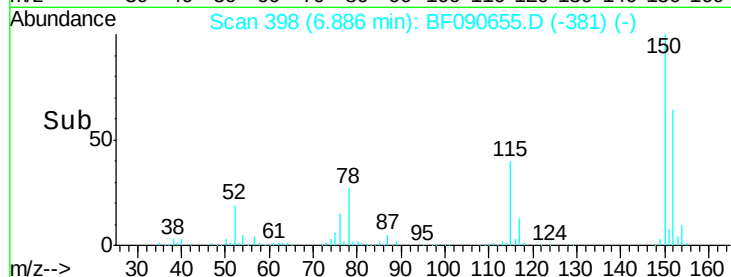
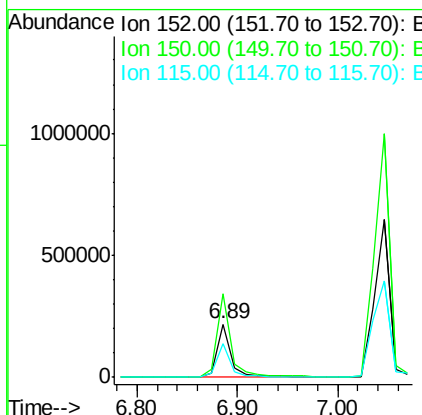
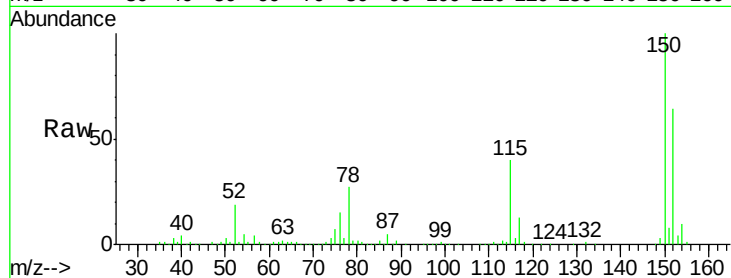


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF090655.D
Acq: 19 Oct 2016 18:42

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

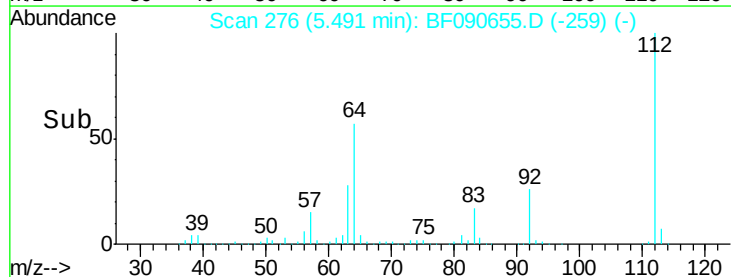
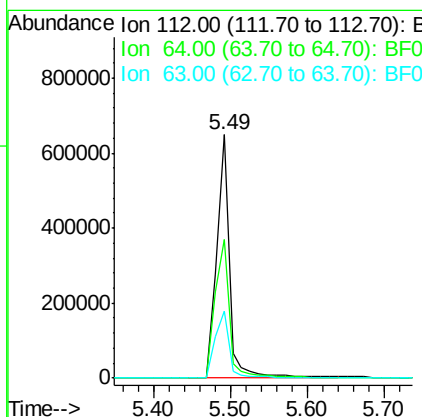
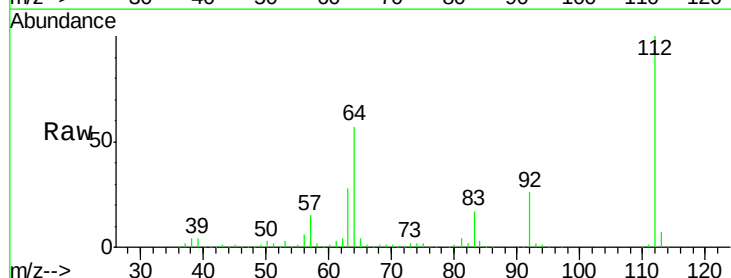
Tot Ion:152 Resp: 217028
Ion Ratio Lower Upper
152 100
150 157.3 127.2 190.8
115 63.3 58.6 88.0

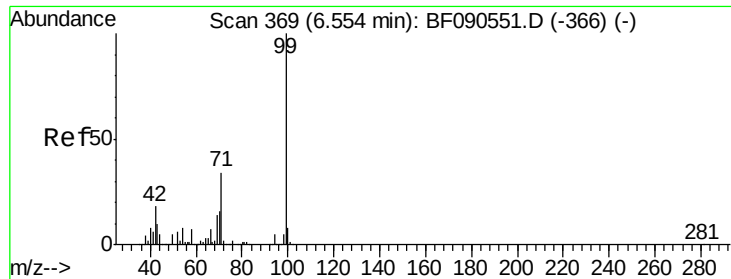


#5

2-Fluorophenol
Concen: 64.00 ng
RT: 5.49 min Scan# 276
Delta R.T. -0.00 min
Lab File: BF090655.D
Acq: 19 Oct 2016 18:42

Tgt Ion:112 Resp: 757666
Ion Ratio Lower Upper
112 100
64 56.9 52.6 78.8
63 27.7 26.0 39.0





#7

Phenol-d6

Concen: 37.77 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF090655.D

Acq: 19 Oct 2016 18:42

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW

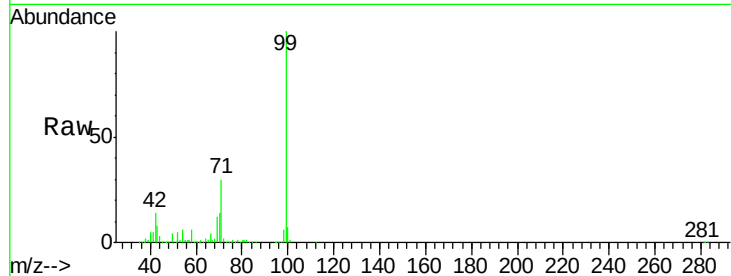
Tot Ion: 99 Resp: 664391

Ion Ratio Lower Upper

99 100

42 14.1 14.7 22.1#

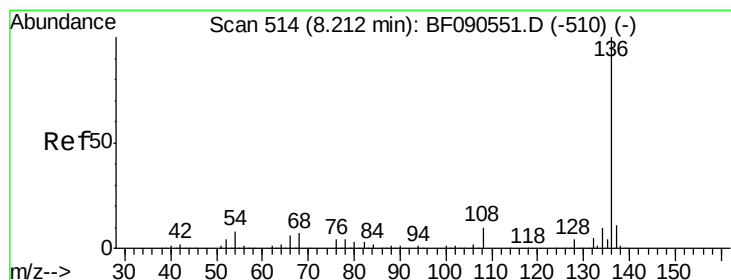
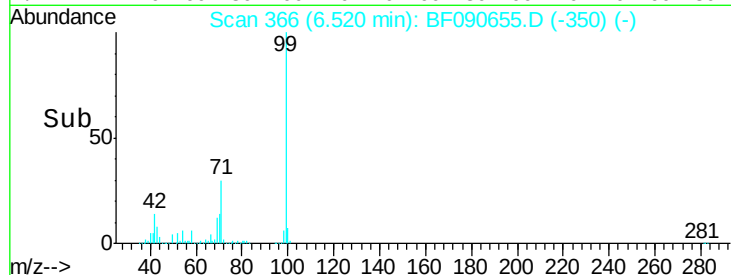
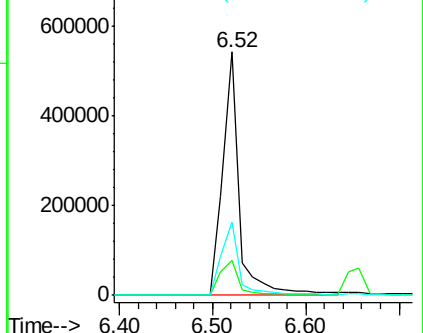
71 30.2 27.6 41.4



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: 8.18 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF090655.D

Acq: 19 Oct 2016 18:42

Tgt Ion: 136 Resp: 945347

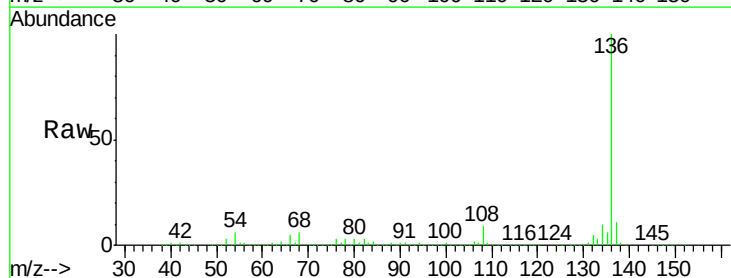
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.4 6.8 10.2#

68 5.9 6.0 9.0#

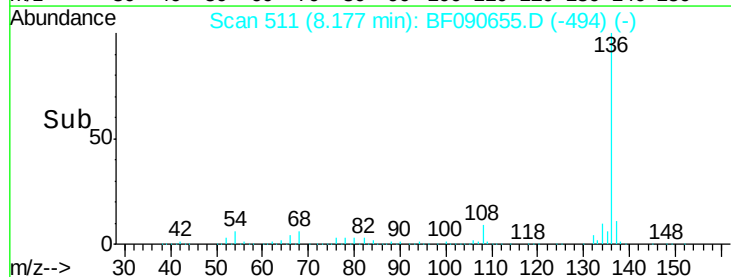
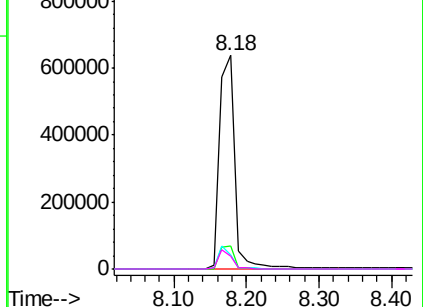


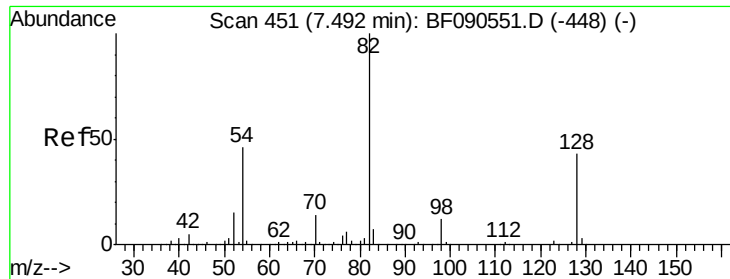
Abundance Ion 136.00 (135.70 to 136.70): E

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



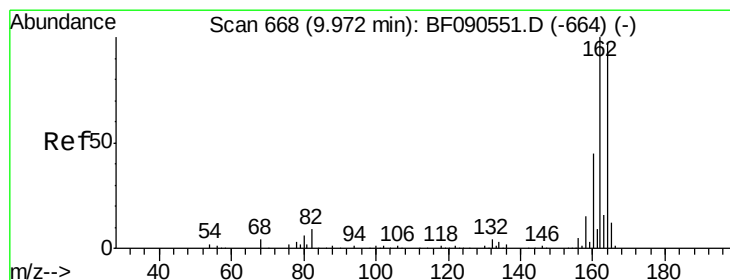
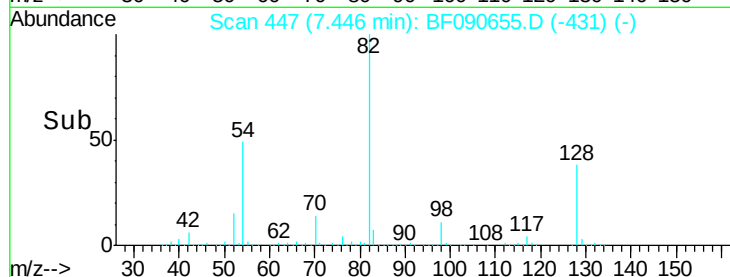
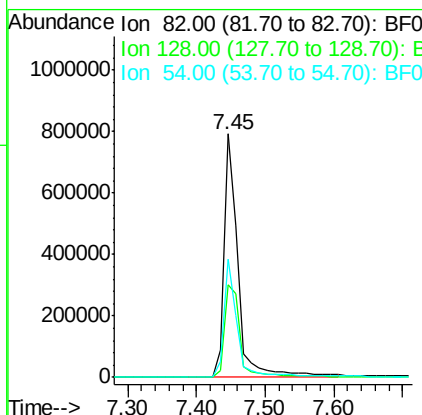
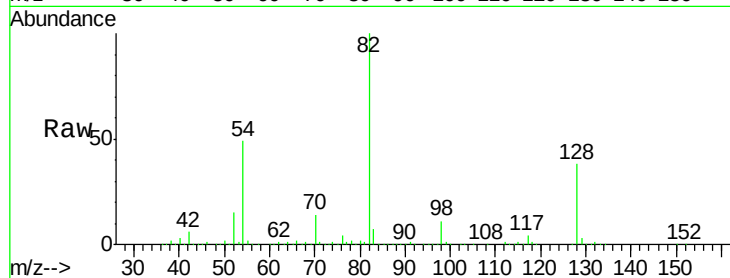


#23
 Nitrobenzene-d5
 Concen: 67.24 ng
 RT: 7.45 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF090655.D
 Acq: 19 Oct 2016 18:42

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C7-GW

Tot Ion: 82 Resp: 1144230

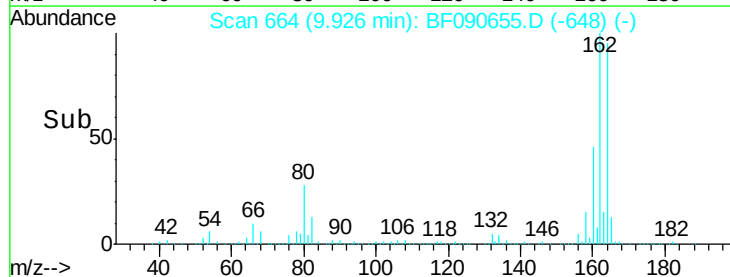
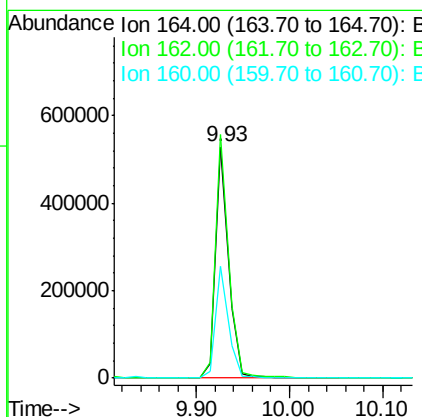
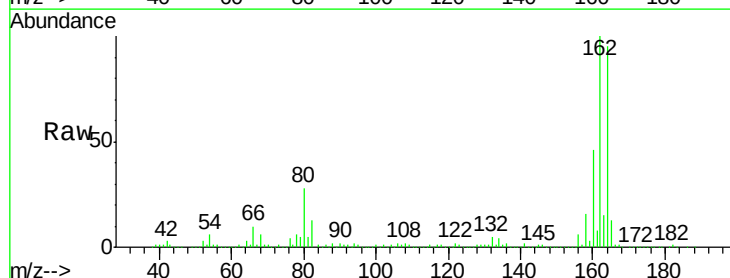
Ion	Ratio	Lower	Upper
82	100		
128	38.2	34.3	51.5
54	48.7	37.0	55.6

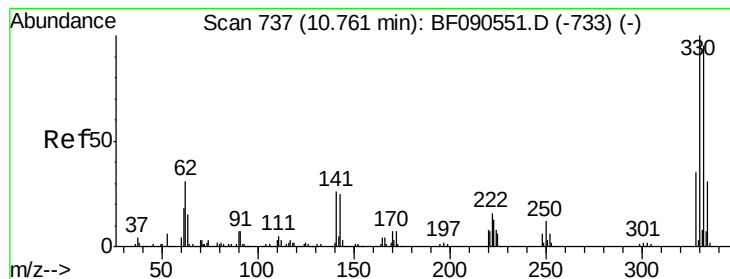


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF090655.D
 Acq: 19 Oct 2016 18:42

Tgt Ion:164 Resp: 510011

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.2	123.4
160	48.3	36.6	55.0

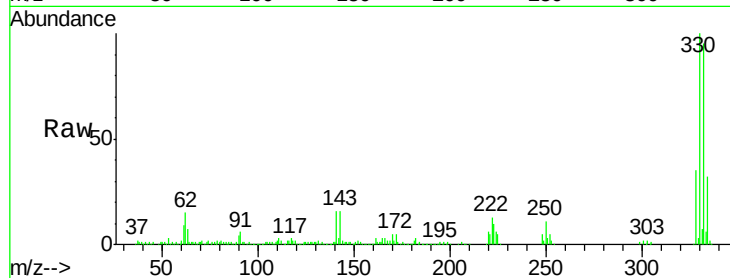




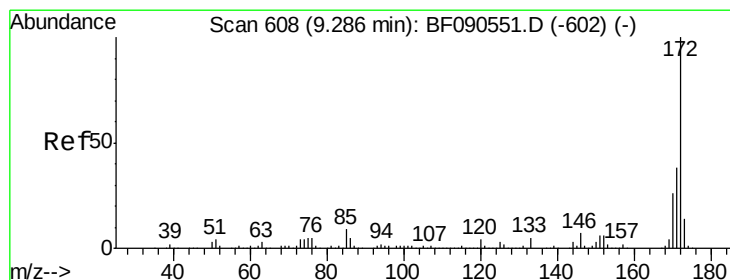
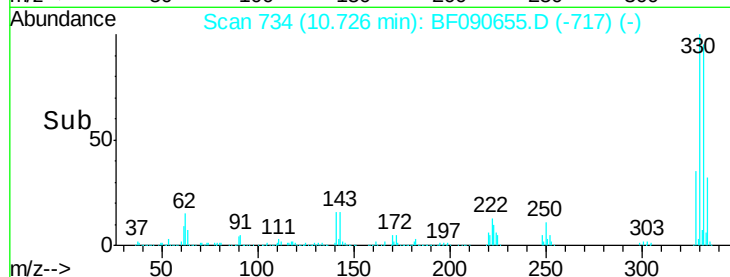
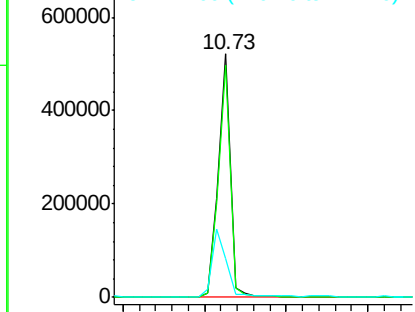
#41
 2,4,6-Tribromophenol
 Concen: 119.57 ng
 RT: 10.73 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF090655.D
 Acq: 19 Oct 2016 18:42

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C7-GW

Tot Ion:330 Resp: 543672
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.2 114.2
 141 33.0 31.4 47.2

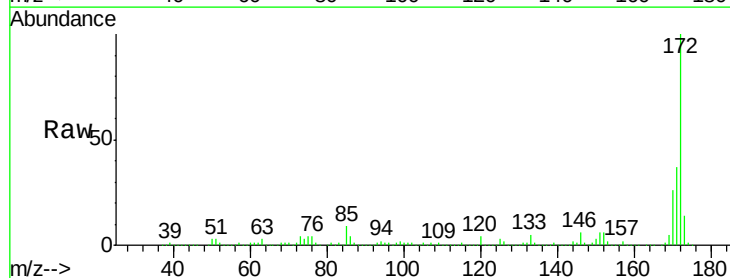


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

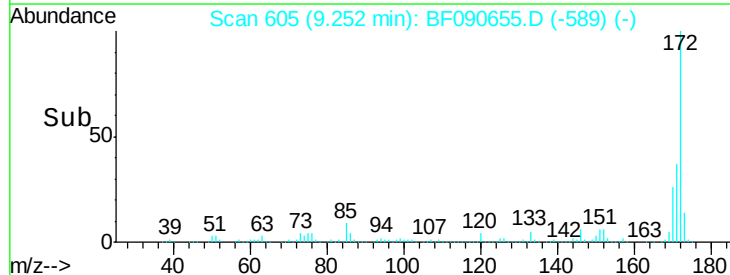
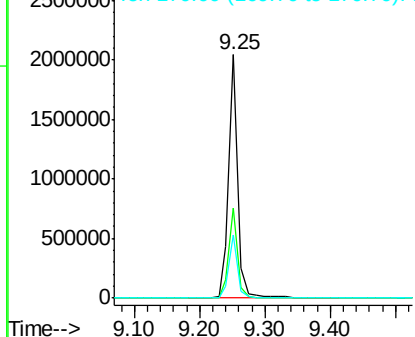


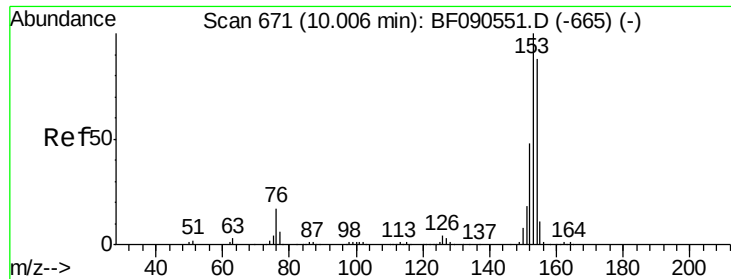
#44
 2-Fluorobiphenyl
 Concen: 64.27 ng
 RT: 9.25 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF090655.D
 Acq: 19 Oct 2016 18:42

Tgt Ion:172 Resp: 1989373
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.1 45.1
 170 25.7 20.6 30.8



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





#51

Acenaphthene

Concen: 2.57 ng

RT: 9.96 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF090655.D

Acq: 19 Oct 2016 18:42

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW

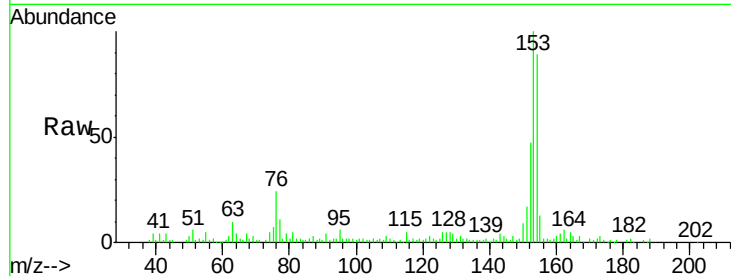
Tot Ion:154 Resp: 78587

Ion Ratio Lower Upper

154 100

153 112.9 91.2 136.8

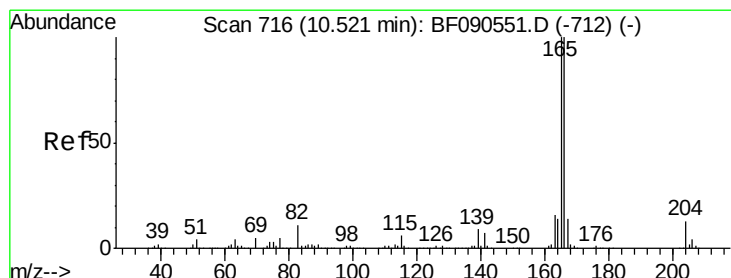
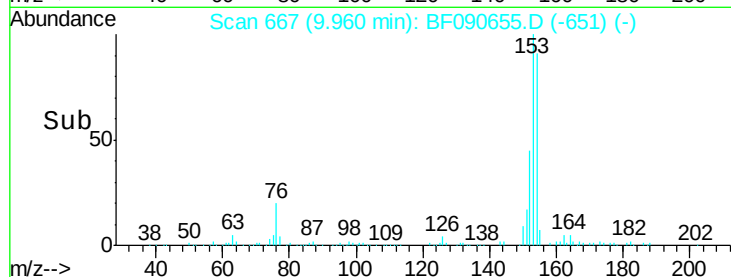
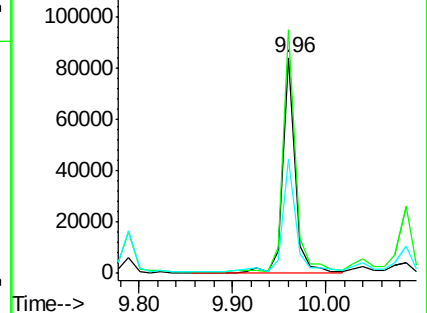
152 53.2 44.0 66.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 2.21 ng

RT: 10.47 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF090655.D

Acq: 19 Oct 2016 18:42

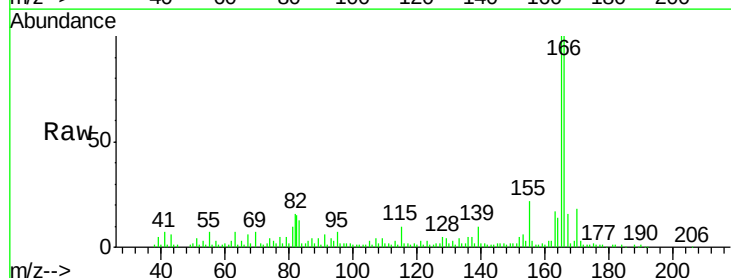
Tgt Ion:166 Resp: 73343

Ion Ratio Lower Upper

166 100

165 100.1 79.9 119.9

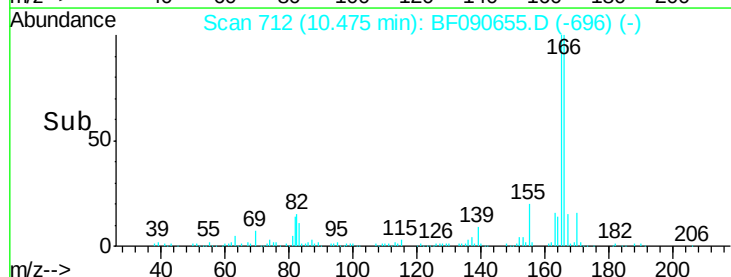
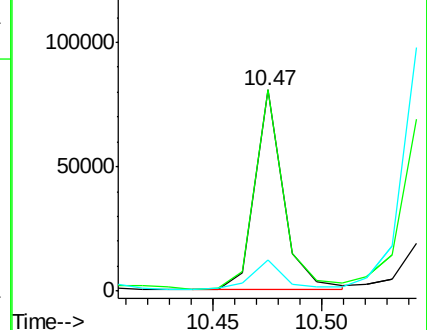
167 15.7 10.9 16.3

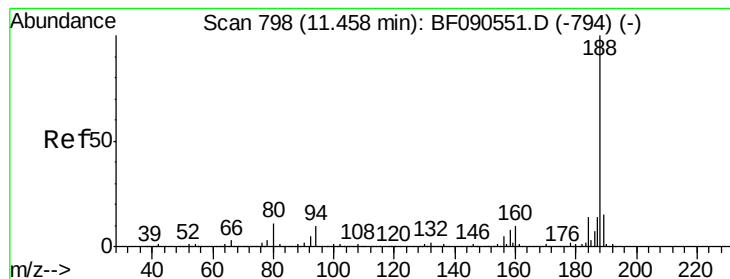


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF090655.D

Acq: 19 Oct 2016 18:42

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW

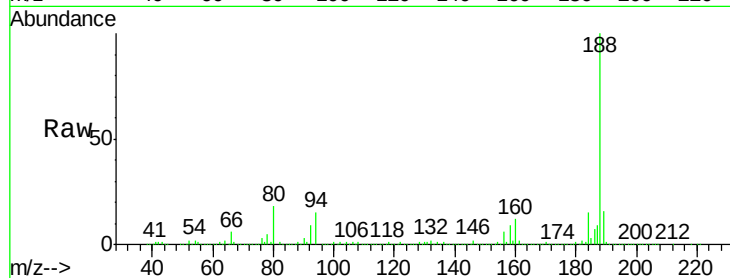
Tot Ion:188 Resp: 840956

Ion Ratio Lower Upper

188 100

94 15.3 7.7 11.5#

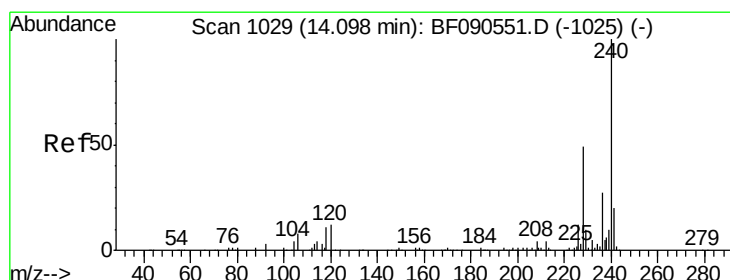
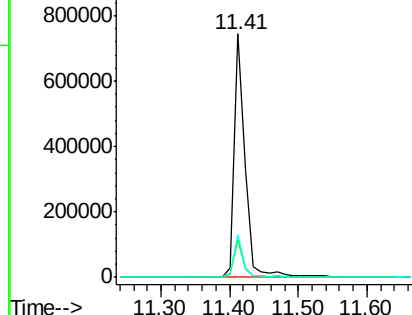
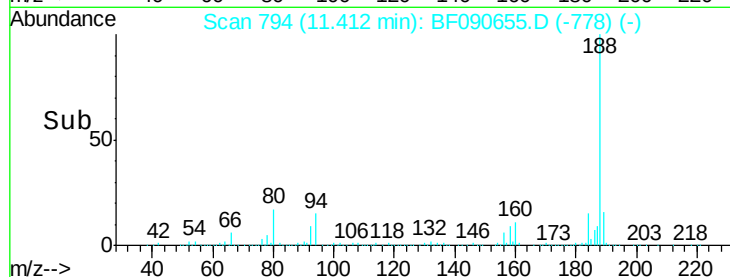
80 17.6 8.6 12.8#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF090655.D

Acq: 19 Oct 2016 18:42

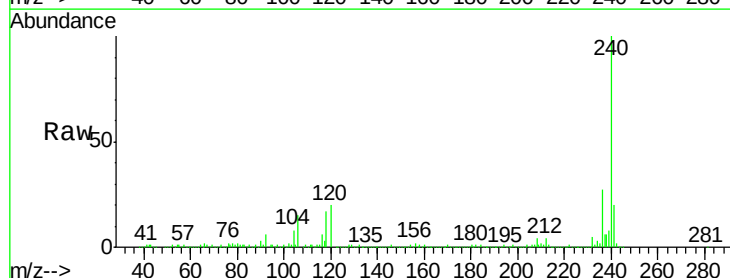
Tgt Ion:240 Resp: 655513

Ion Ratio Lower Upper

240 100

120 19.6 9.8 14.8#

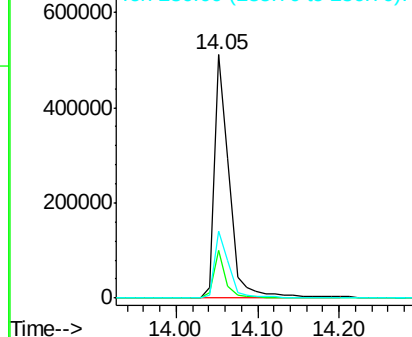
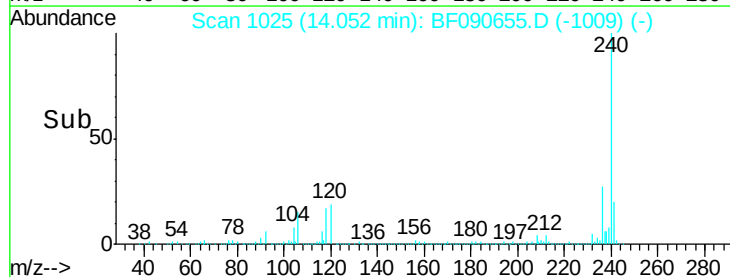
236 27.4 21.7 32.5

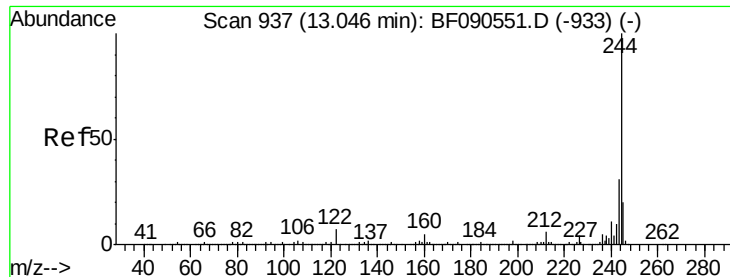


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.16 ng

RT: 13.00 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF090655.D

Acq: 19 Oct 2016 18:42

Instrument :

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ClientSampleId :

OWL-C7-GW

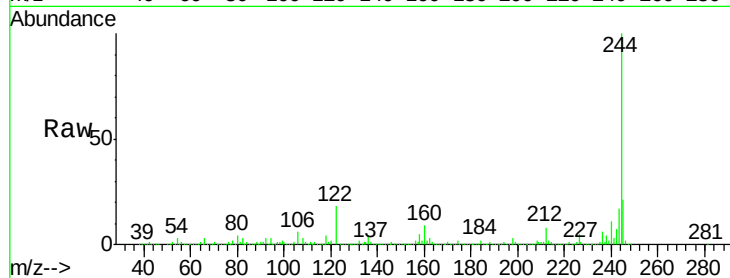
Tot Ion:244 Resp: 1975351

Ion Ratio Lower Upper

244 100

212 8.0 5.0 7.4#

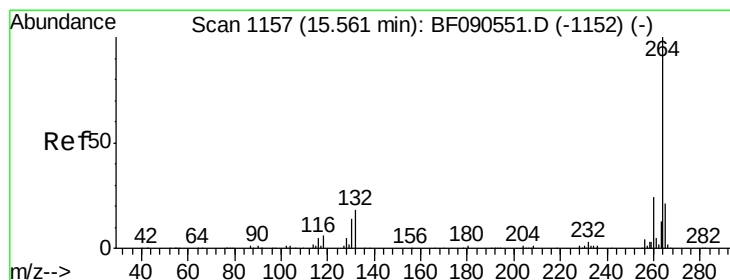
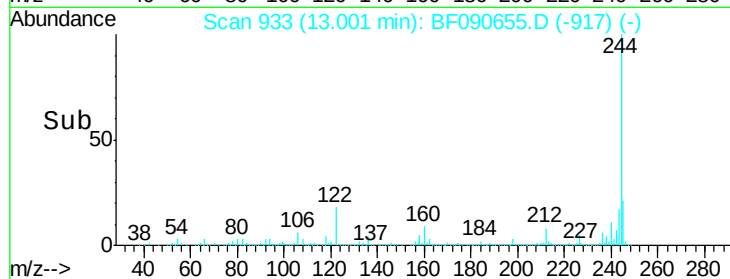
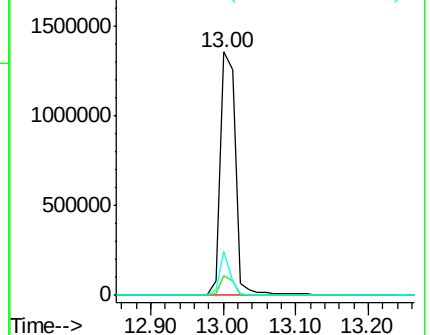
122 17.9 5.6 8.4#



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: 15.50 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF090655.D

Acq: 19 Oct 2016 18:42

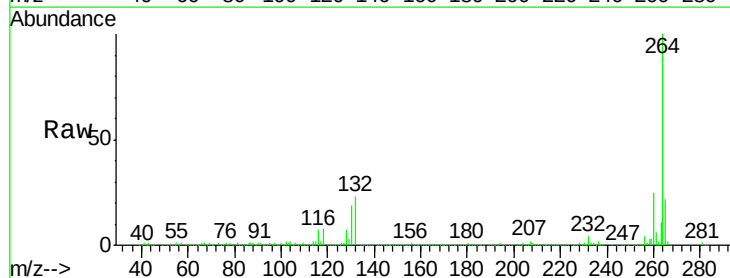
Tgt Ion:264 Resp: 496179

Ion Ratio Lower Upper

264 100

260 25.1 19.3 28.9

265 21.8 16.7 25.1



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

