

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096631.D
 Acq On : 11 Jul 2017 5:55
 Operator : SJ/JU
 Sample : I3938-03 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6A-0.5-1.0

Quant Time: Jul 11 08:29:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

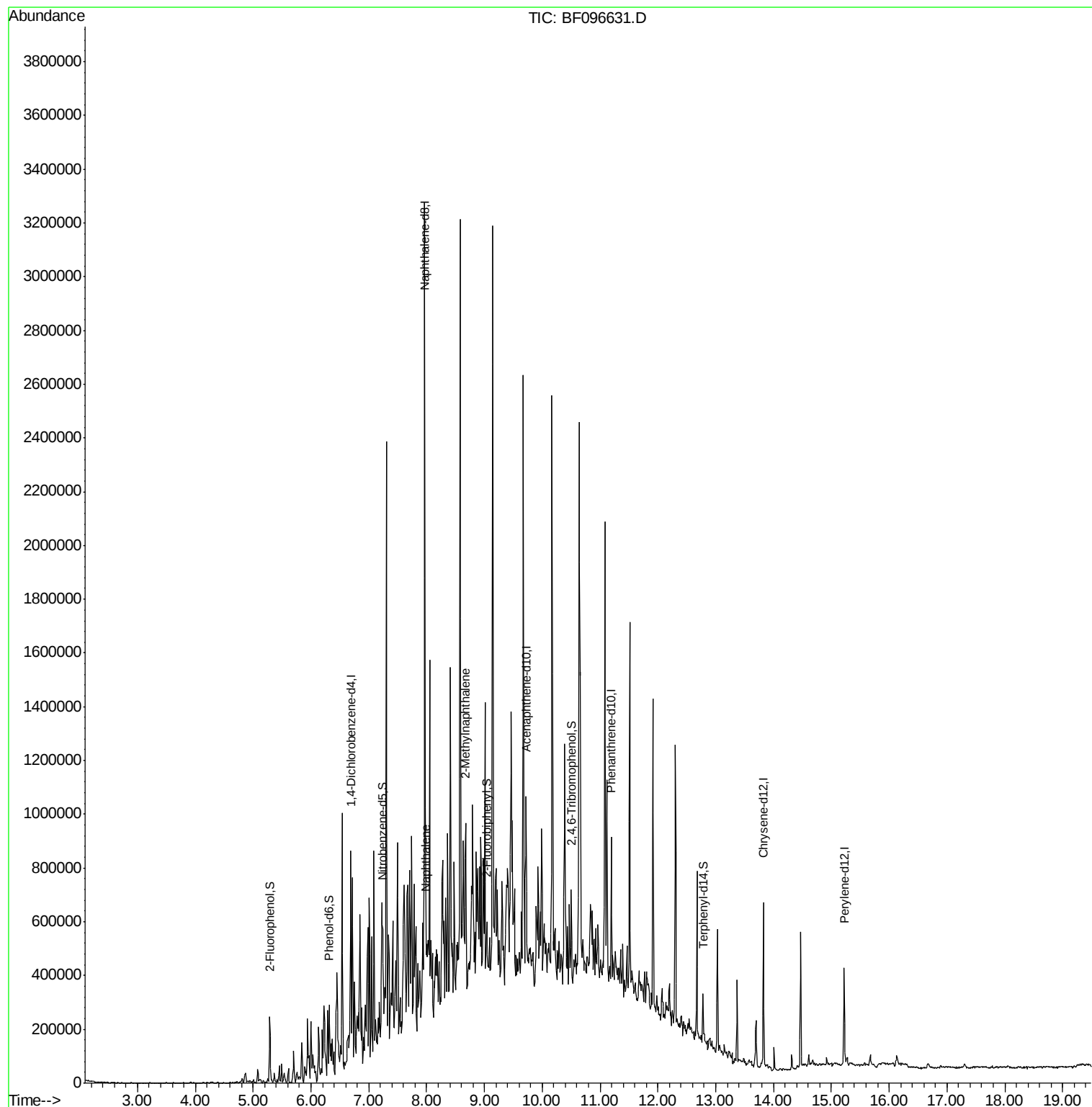
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	89238	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	279890	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	108484	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	189072	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	197049	20.00	ng	-0.02
86) Perylene-d12	15.22	264	146663	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	63636	10.53	ng	-0.02
7) Phenol-d6	6.32	99	74746	10.06	ng	-0.03
23) Nitrobenzene-d5	7.24	82	51911	11.14	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	8209	9.69	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	65389	10.31	ng	-0.02
78) Terphenyl-d14	12.78	244	50180	5.44	ng	-0.02
Target Compounds						
31) Naphthalene	7.99	128	29860	2.26	ng	Qvalue # 94
37) 2-Methylnaphthalene	8.68	142	71138	8.46	ng	98

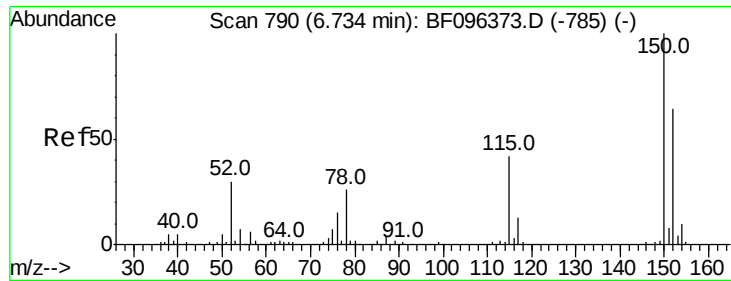
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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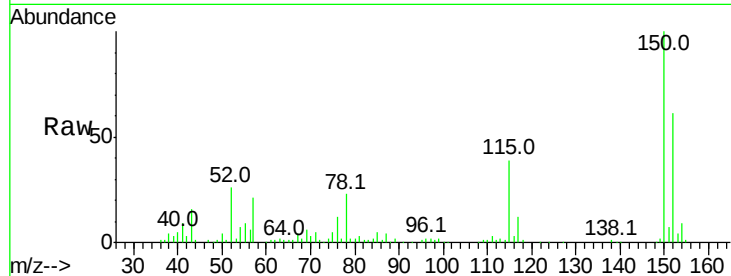


#1

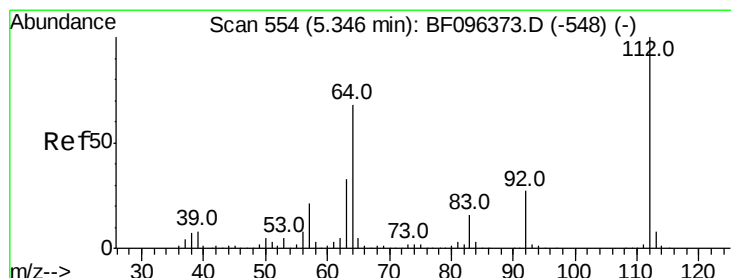
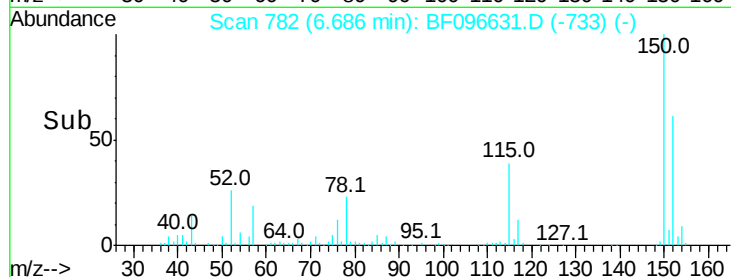
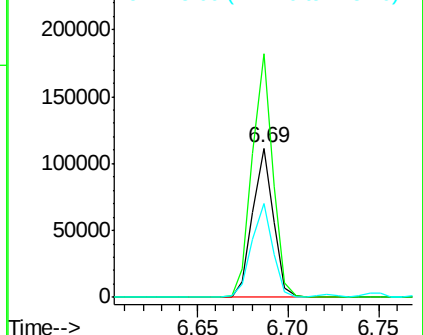
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096631.D
Acq: 11 Jul 2017 5:55

Instrument :
BNA_F
ClientSampleId :
6A-0.5-1.0

Tot Ion:152 Resp: 89238
Ion Ratio Lower Upper
152 100
150 163.3 126.2 189.2
115 63.2 52.2 78.2



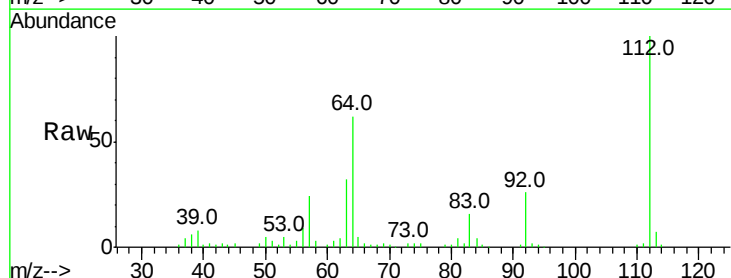
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



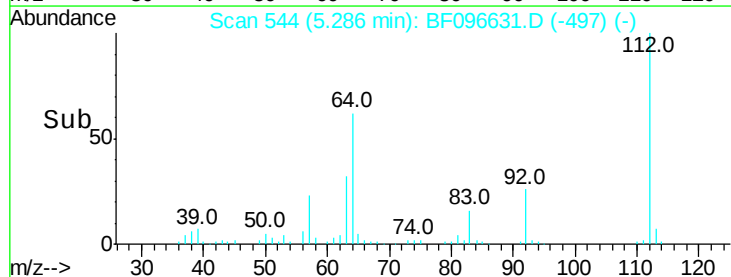
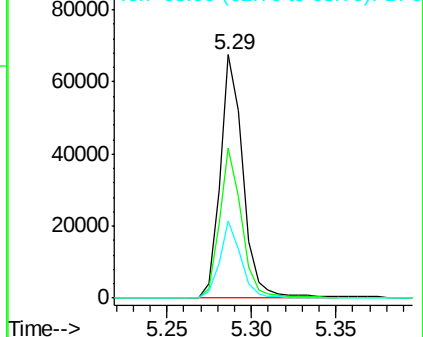
#5

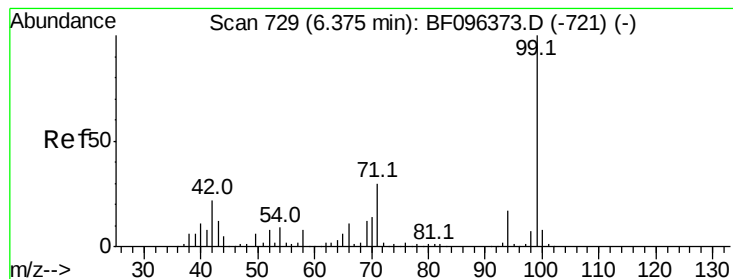
2-Fluorophenol
Concen: 10.53 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF096631.D
Acq: 11 Jul 2017 5:55

Tgt Ion:112 Resp: 63636
Ion Ratio Lower Upper
112 100
64 61.8 46.0 69.0
63 31.8 23.4 35.0



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: 10.06 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF096631.D

Acq: 11 Jul 2017 5:55

Instrument :

BNA_F

ClientSampleId :

6A-0.5-1.0

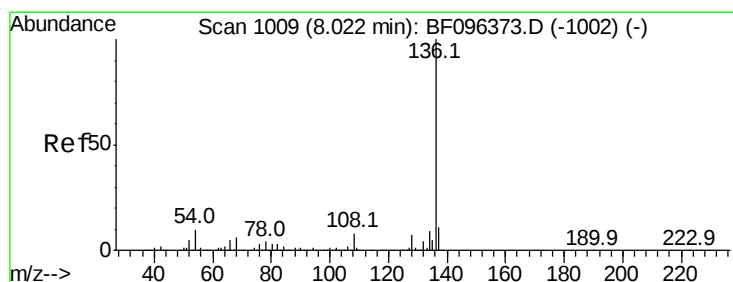
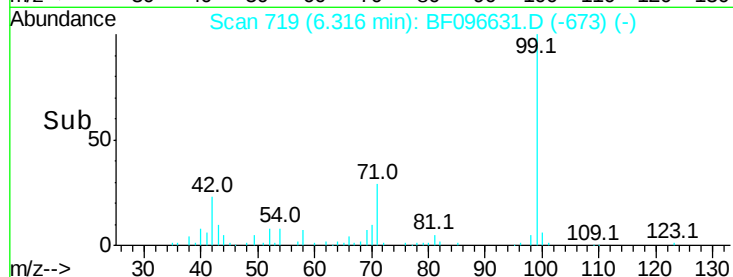
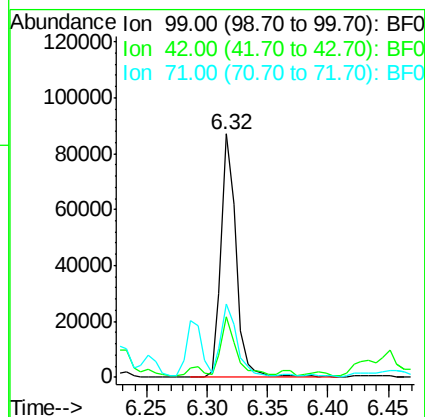
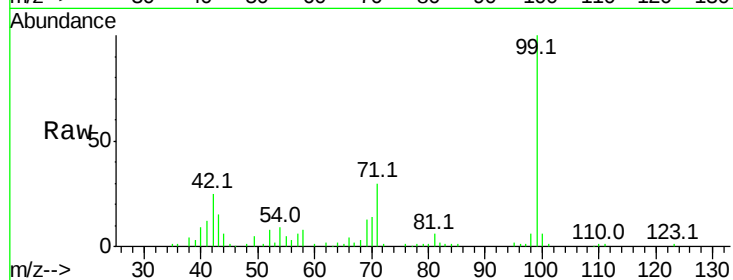
Tot Ion: 99 Resp: 74746

Ion Ratio Lower Upper

99 100

42 25.1 13.5 20.3#

71 30.2 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF096631.D

Acq: 11 Jul 2017 5:55

Tgt Ion: 136 Resp: 279890

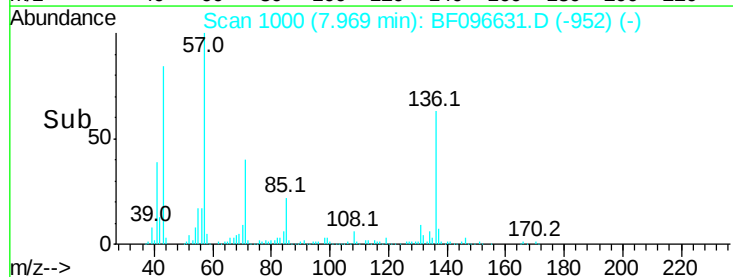
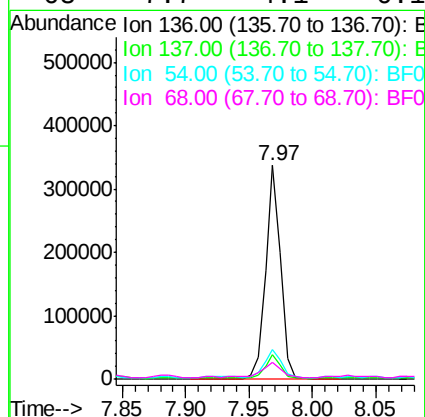
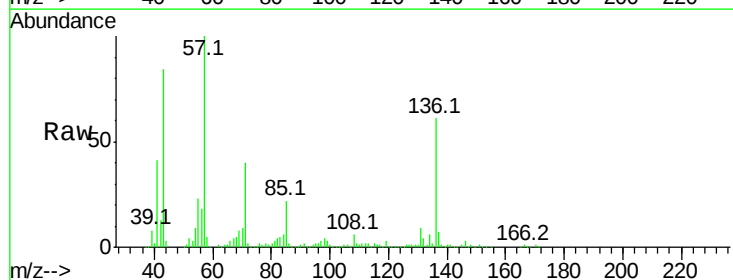
Ion Ratio Lower Upper

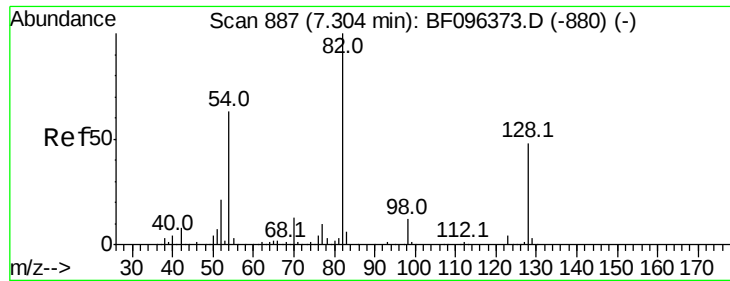
136 100

137 11.6 8.5 12.7

54 14.0 4.9 7.3#

68 7.7 4.1 6.1#

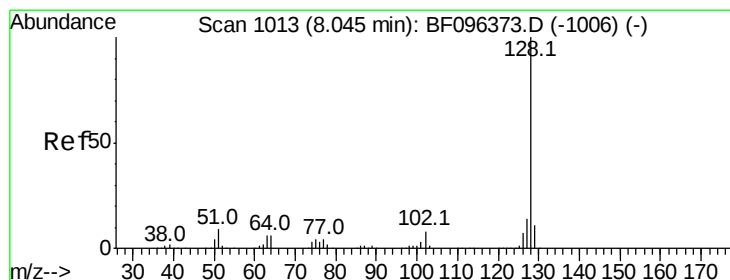
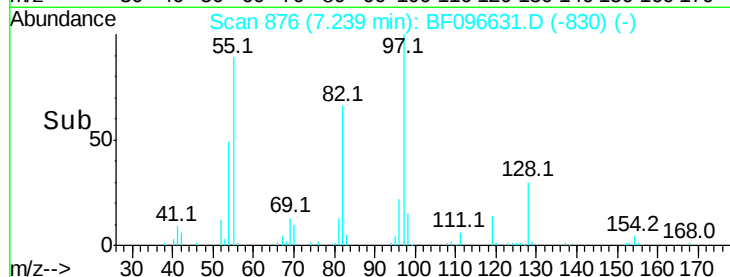
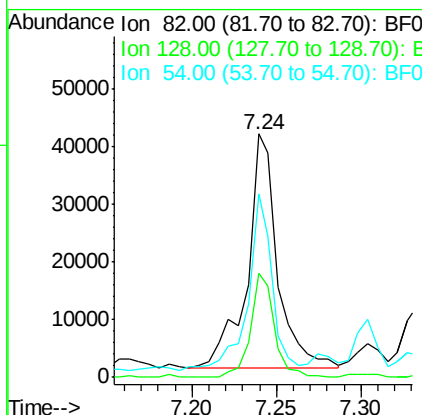
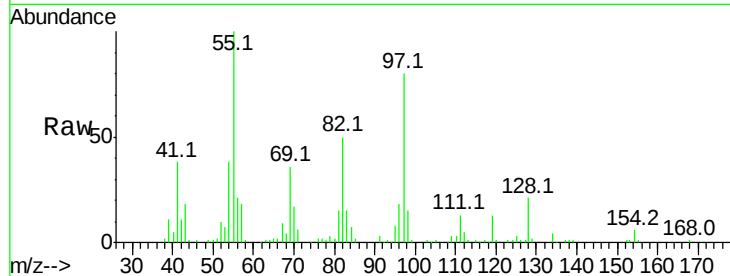




#23
Nitrobenzene-d5
Concen: 11.14 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.03 min
Lab File: BF096631.D
Acq: 11 Jul 2017 5:55

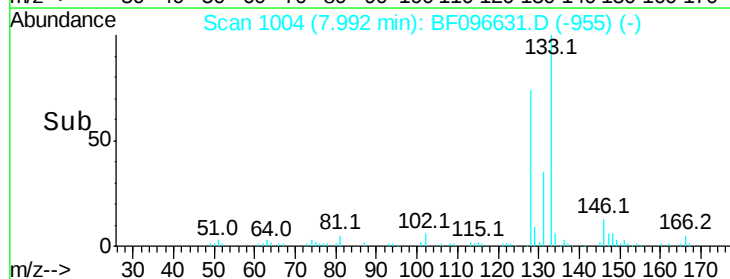
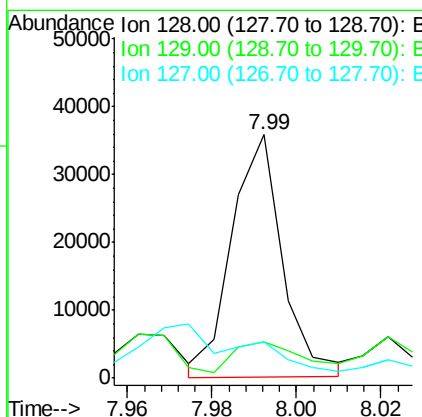
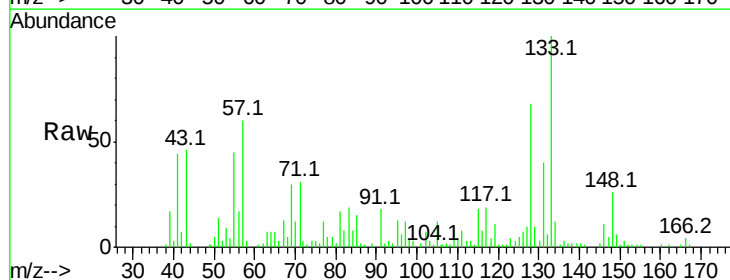
Instrument :
BNA_F
ClientSampleId :
6A-0.5-1.0

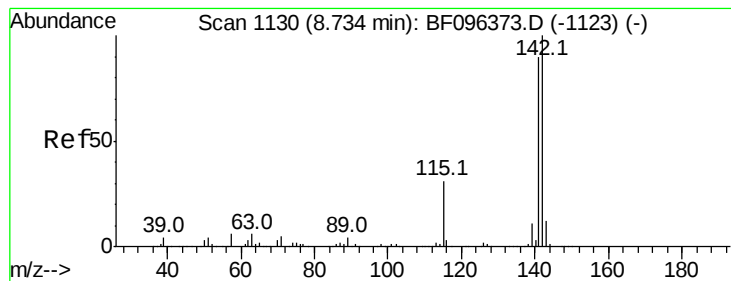
Tot Ion: 82 Resp: 51911
Ion Ratio Lower Upper
82 100
128 42.8 34.0 51.0
54 75.5 42.2 63.2#



#31
Naphthalene
Concen: 2.26 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096631.D
Acq: 11 Jul 2017 5:55

Tgt Ion: 128 Resp: 29860
Ion Ratio Lower Upper
128 100
129 14.8 9.0 13.6#
127 15.0 10.8 16.2

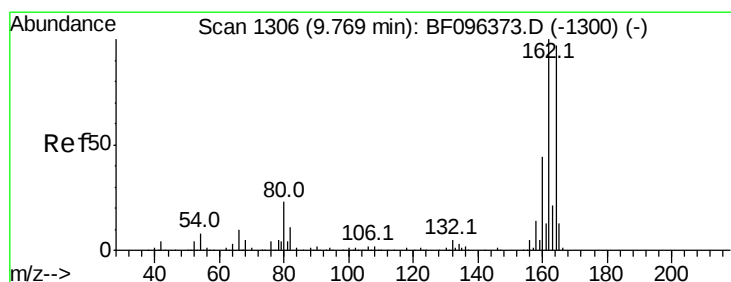
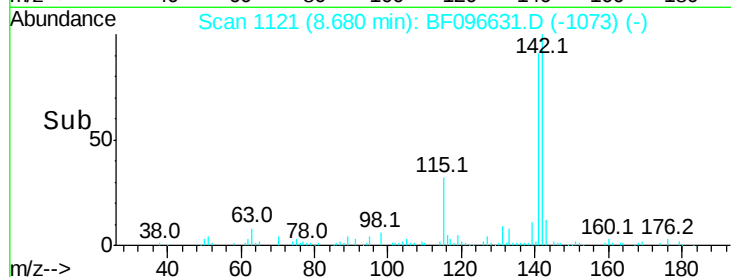
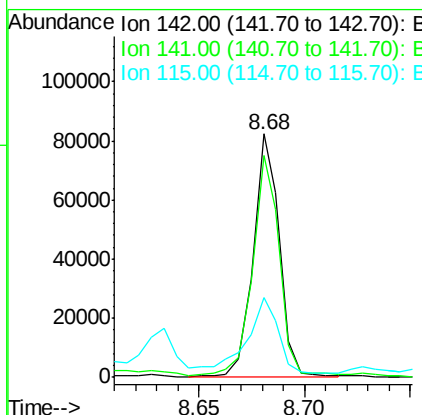
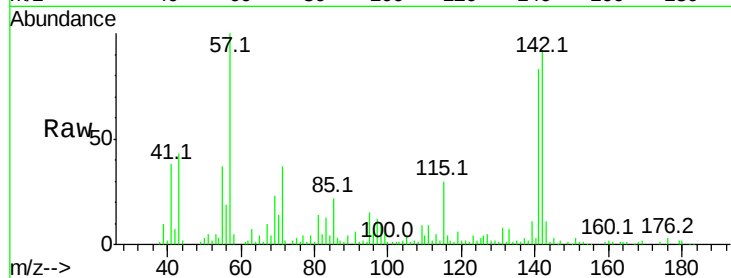




#37
 2-Methylnaphthalene
 Concen: 8.46 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.02 min
 Lab File: BF096631.D
 Acq: 11 Jul 2017 5:55

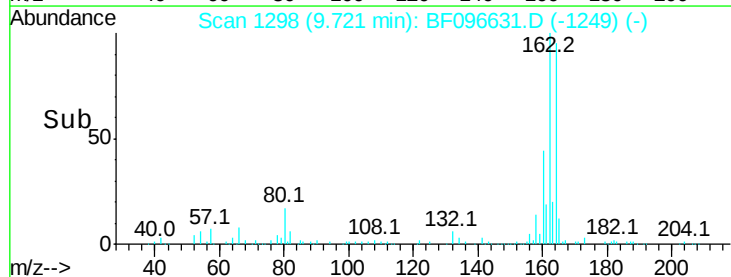
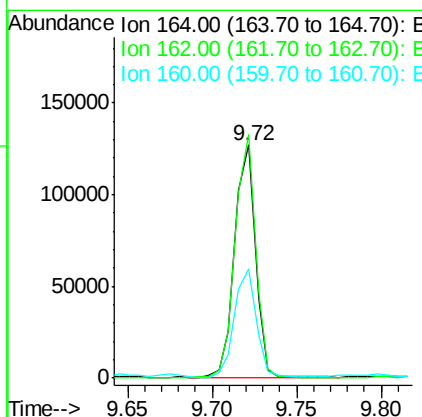
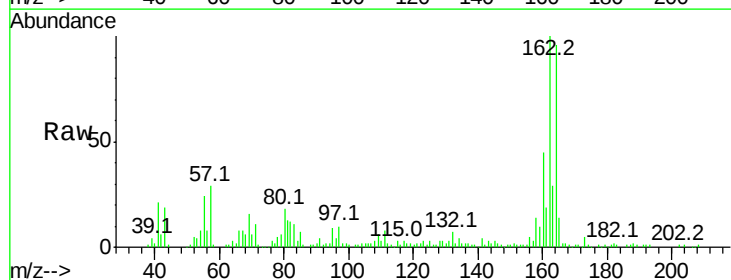
Instrument :
 BNA_F
 ClientSampleId :
 6A-0.5-1.0

Tot Ion:142 Resp: 71138
 Ion Ratio Lower Upper
 142 100
 141 91.1 71.3 106.9
 115 32.5 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF096631.D
 Acq: 11 Jul 2017 5:55

Tgt Ion:164 Resp: 108484
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.6 123.8
 160 46.9 36.2 54.2

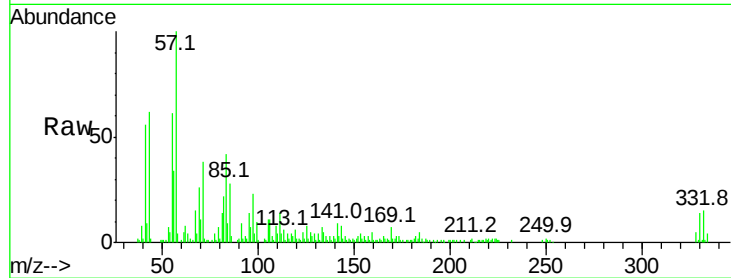




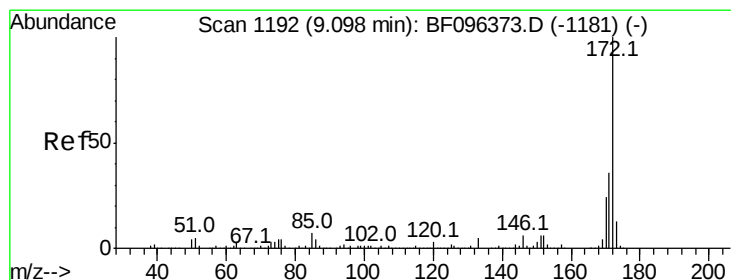
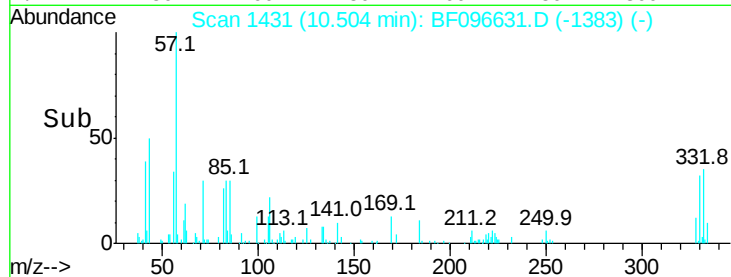
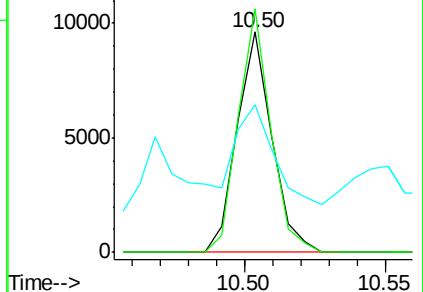
#41
 2,4,6-Tribromophenol
 Concen: 9.69 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096631.D
 Acq: 11 Jul 2017 5:55

Instrument :
 BNA_F
 ClientSampleId :
 6A-0.5-1.0

Tot Ion:330 Resp: 8209
 Ion Ratio Lower Upper
 330 100
 332 103.0 76.6 115.0
 141 50.9 31.4 47.2#

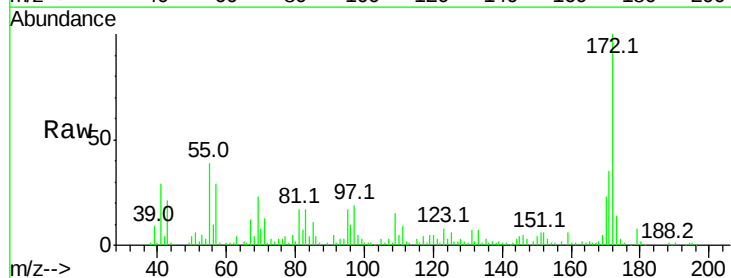


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

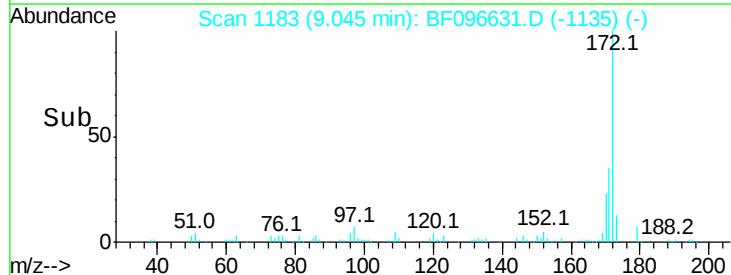
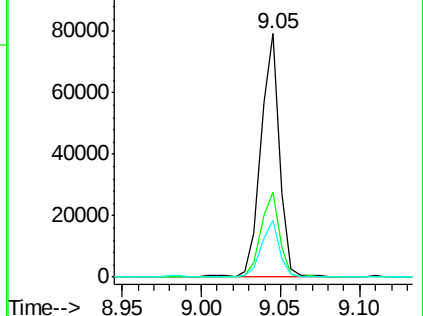


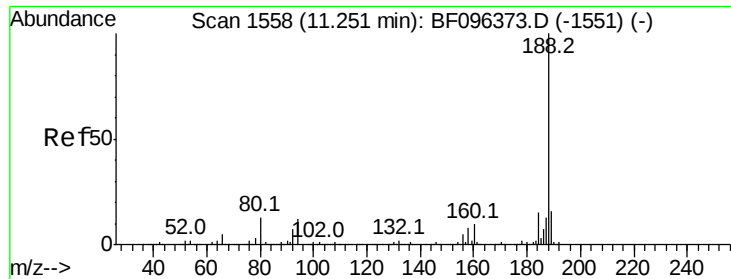
#44
 2-Fluorobiphenyl
 Concen: 10.31 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096631.D
 Acq: 11 Jul 2017 5:55

Tgt Ion:172 Resp: 65389
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 23.2 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

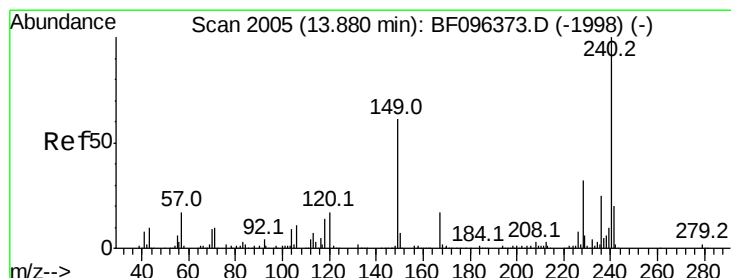
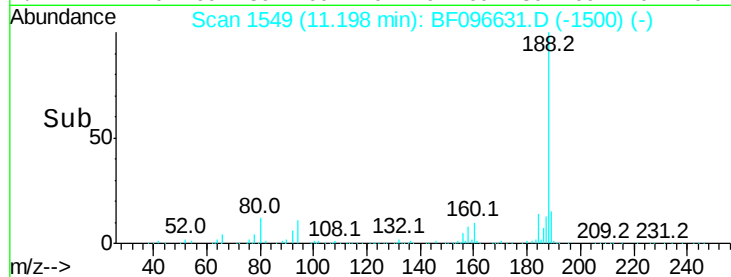
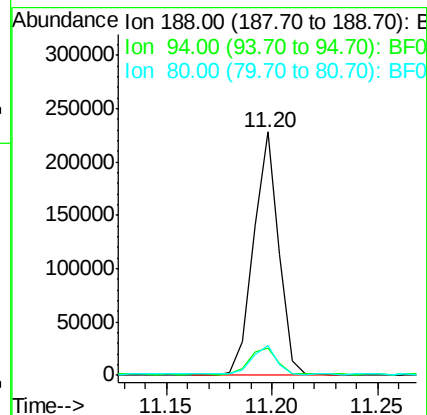
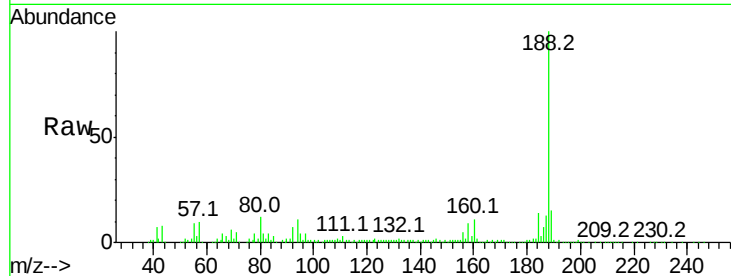




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096631.D
Acq: 11 Jul 2017 5:55

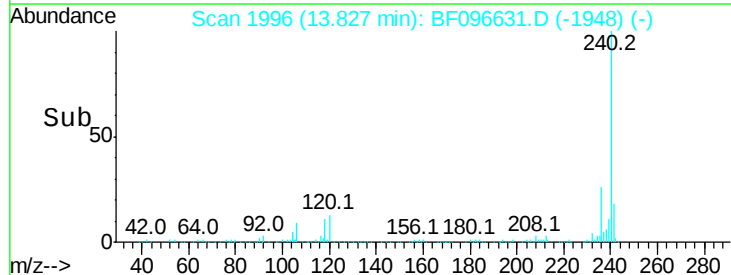
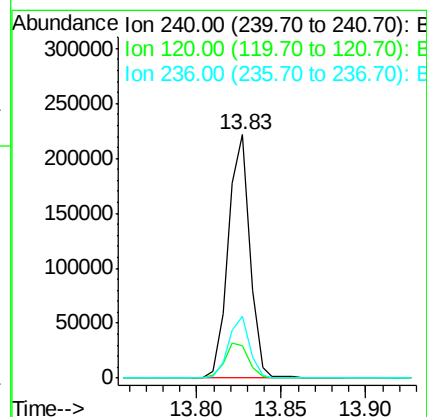
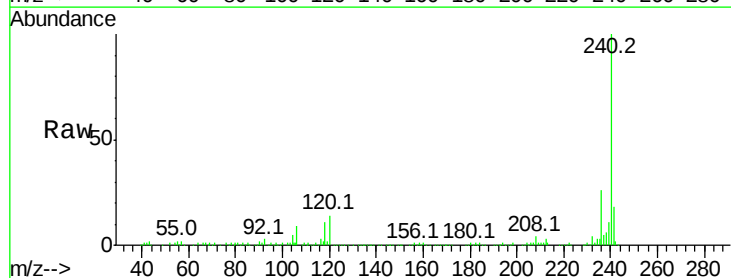
Instrument :
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6A-0.5-1.0

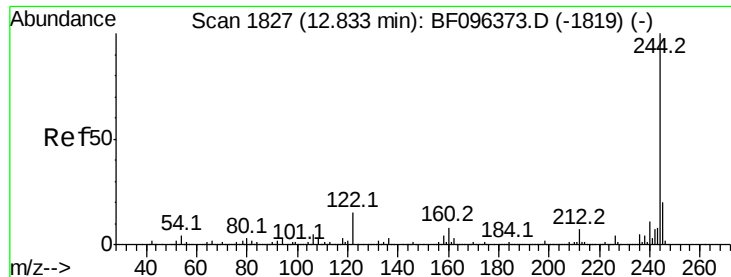
Tot Ion:188 Resp: 189072
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 12.2 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF096631.D
Acq: 11 Jul 2017 5:55

Tgt Ion:240 Resp: 197049
Ion Ratio Lower Upper
240 100
120 13.6 5.8 8.8#
236 25.6 20.5 30.7





#78

Terphenyl-d14

Concen: 5.44 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096631.D

Acq: 11 Jul 2017 5:55

Instrument :

BNA_F

ClientSampleId :

6A-0.5-1.0

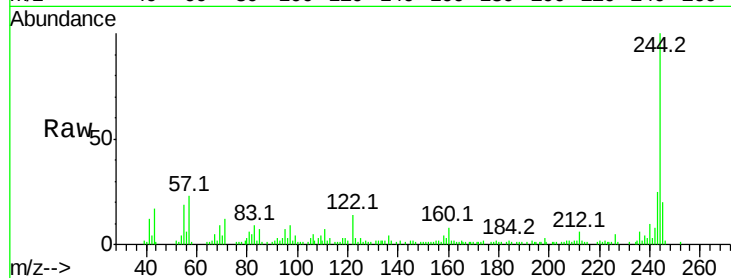
Tot Ion:244 Resp: 50180

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

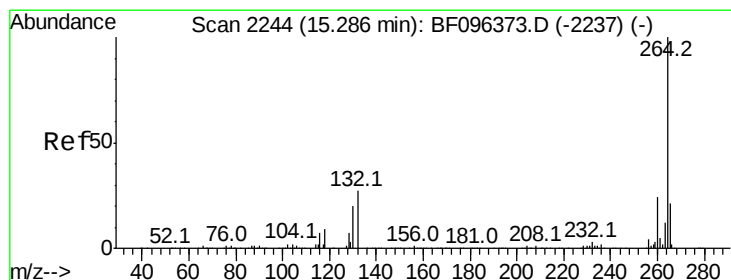
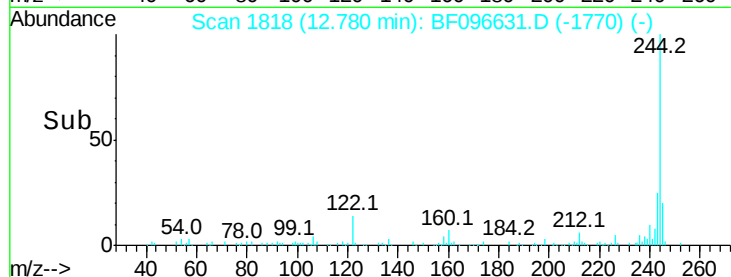
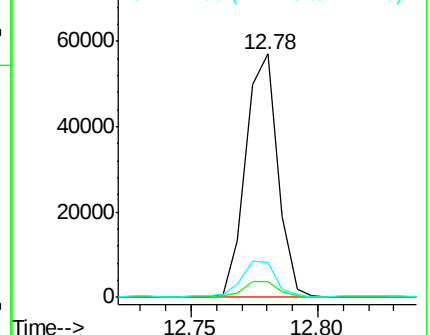
122 14.3 10.3 15.5



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: 15.22 min Scan# 2233

Delta R.T. -0.02 min

Lab File: BF096631.D

Acq: 11 Jul 2017 5:55

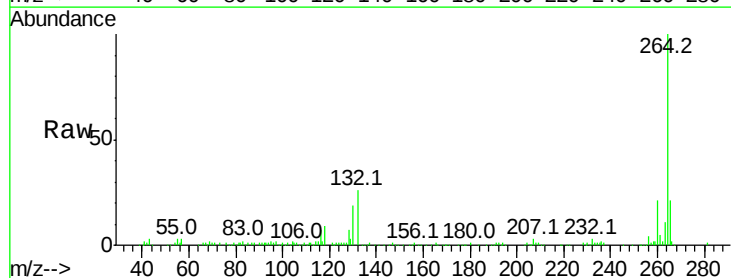
Tgt Ion:264 Resp: 146663

Ion Ratio Lower Upper

264 100

260 21.2 19.5 29.3

265 20.8 17.2 25.8



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

