

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
 Data File : BF096267.D
 Acq On : 28 Jun 2017 23:27
 Operator : SJ/MA
 Sample : I3899-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11940

Quant Time: Jun 29 05:31:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

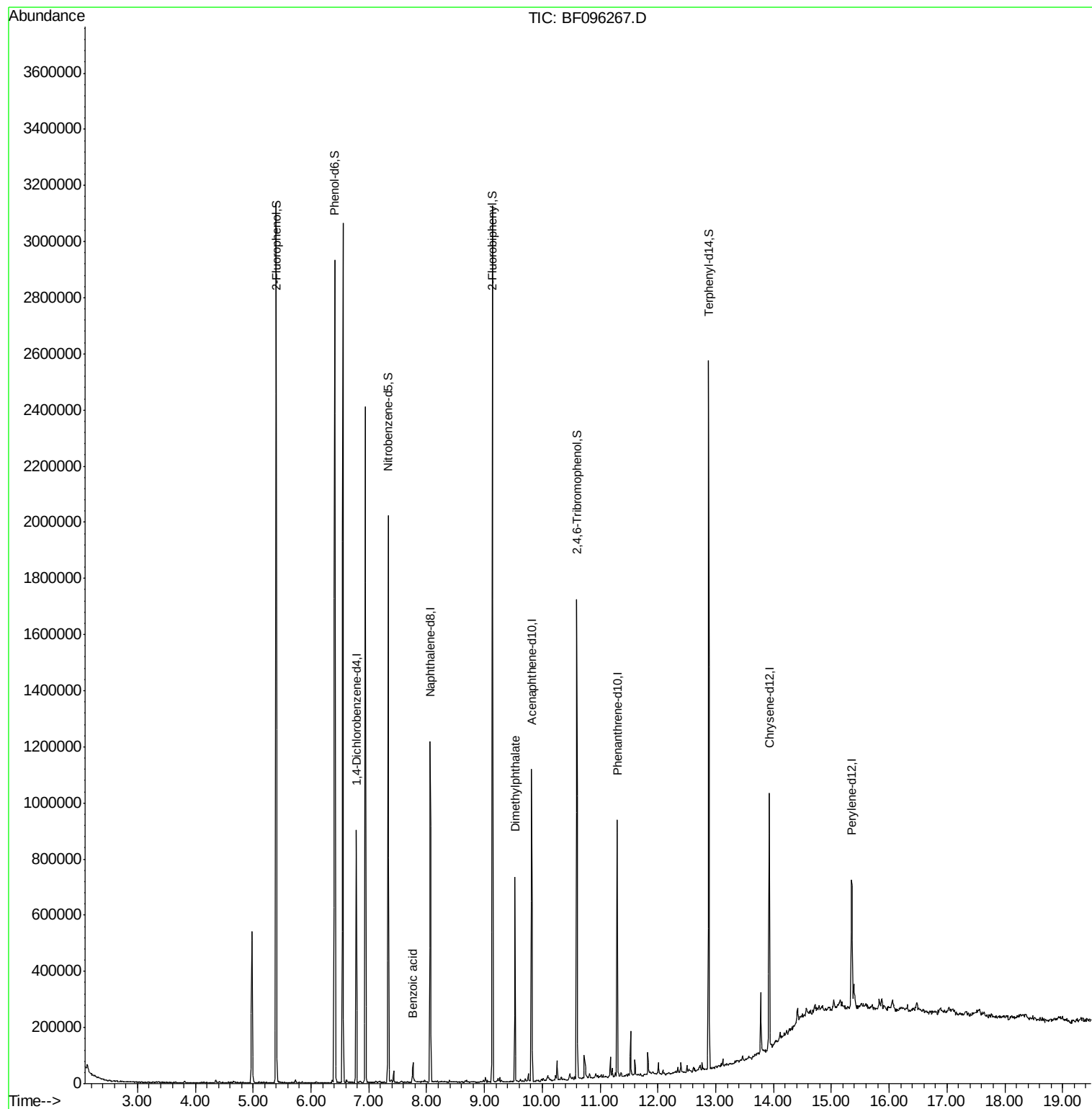
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	126444	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	498509	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	195270	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	318052	20.00	ng	0.01
75) Chrysene-d12	13.93	240	296373	20.00	ng	0.01
86) Perylene-d12	15.36	264	206897	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	817515	93.15	ng	0.02
7) Phenol-d6	6.41	99	993195	93.46	ng	0.02
23) Nitrobenzene-d5	7.34	82	539016	74.85	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	181689	118.23	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	892777	83.73	ng	-0.01
78) Terphenyl-d14	12.88	244	727108	61.22	ng	0.01
Target Compounds						
32) Benzoic acid	7.77	122	18496	11.68	ng	94
49) Dimethylphthalate	9.53	163	271032	19.39	ng	100

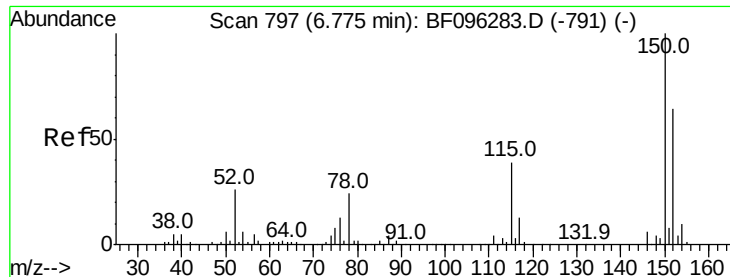
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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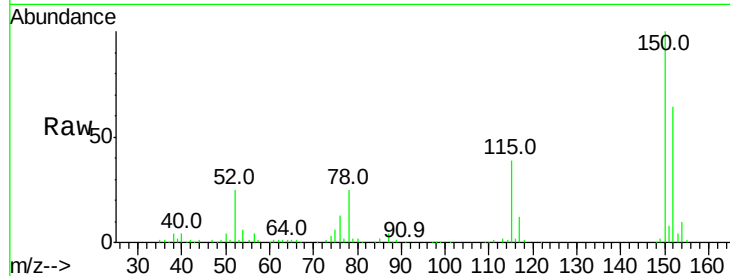


#1

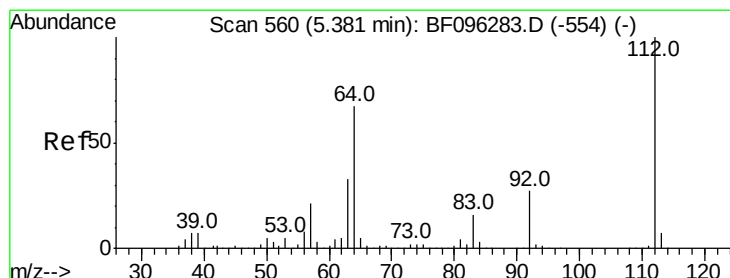
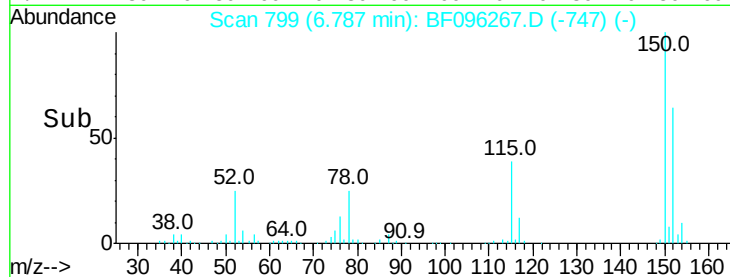
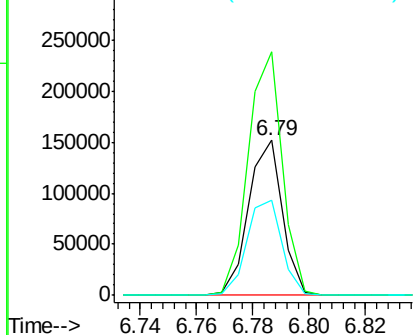
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.01 min
Lab File: BF096267.D
Acq: 28 Jun 2017 23:27

Instrument :
BNA_F
ClientSampleId :
72-11940

Tot Ion:152 Resp: 126444
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 61.7 52.2 78.2



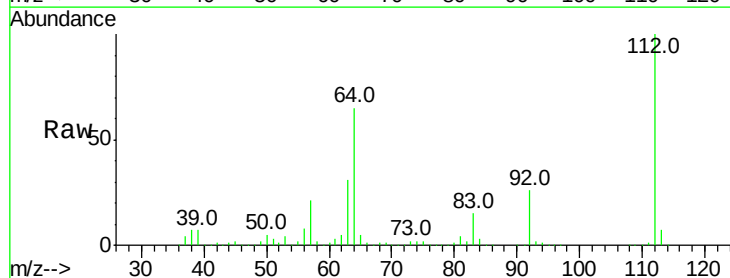
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



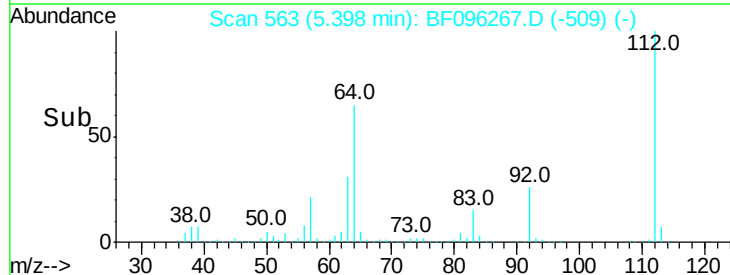
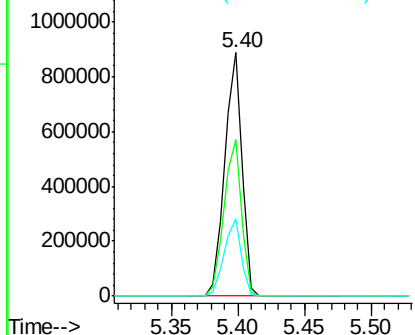
#5

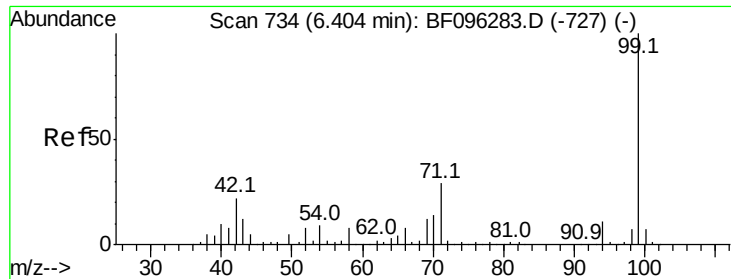
2-Fluorophenol
Concen: 93.15 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF096267.D
Acq: 28 Jun 2017 23:27

Tgt Ion:112 Resp: 817515
Ion Ratio Lower Upper
112 100
64 64.5 46.0 69.0
63 31.5 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: 93.46 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF096267.D

Acq: 28 Jun 2017 23:27

Instrument :

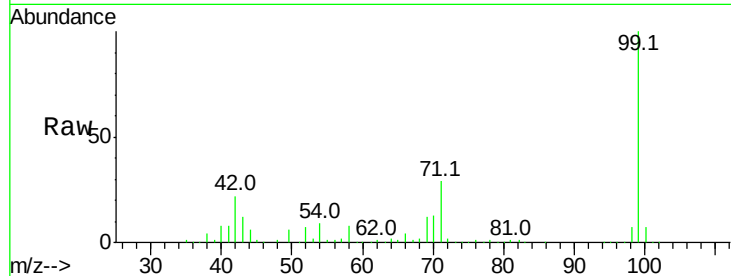
BNA_F

ClientSampleId :

72-11940

Tot Ion: 99 Resp: 993195

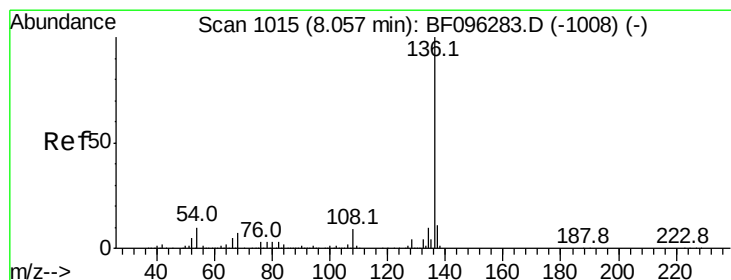
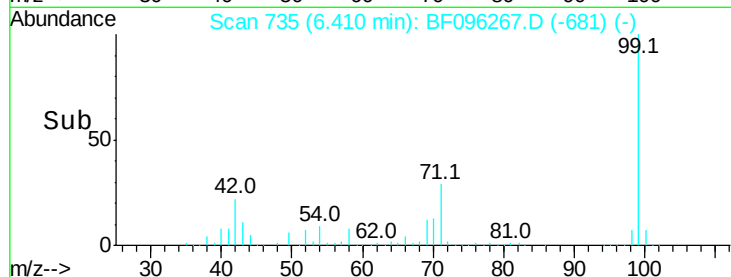
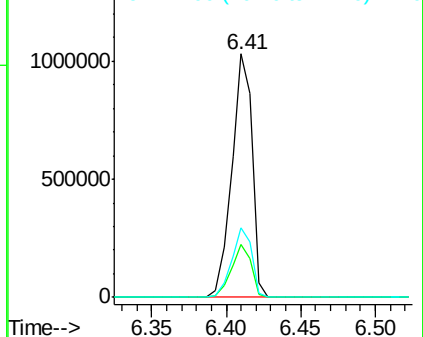
Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.5	20.3#
71	28.8	24.5	36.7



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: 8.06 min Scan# 1016

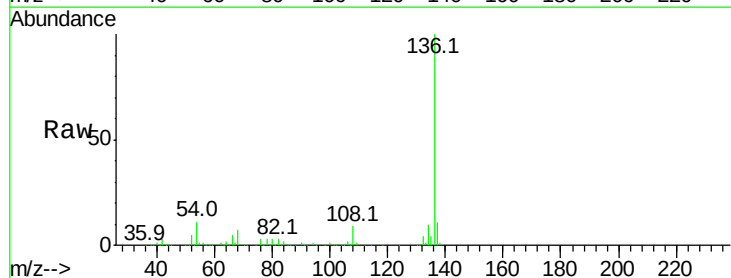
Delta R.T. 0.01 min

Lab File: BF096267.D

Acq: 28 Jun 2017 23:27

Tgt Ion: 136 Resp: 498509

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	11.1	4.9	7.3#
68	7.1	4.1	6.1#

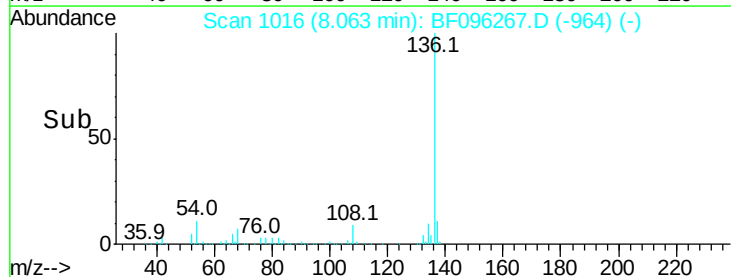
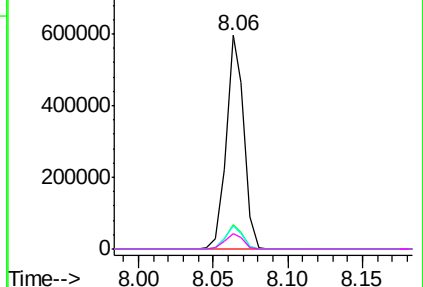


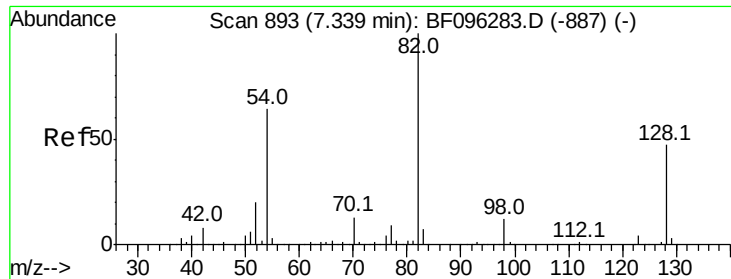
Abundance Ion 136.00 (135.70 to 136.70): E

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

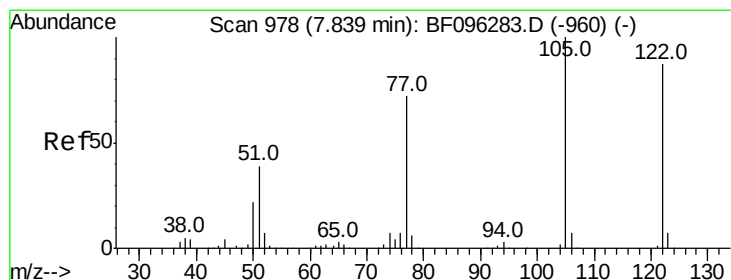
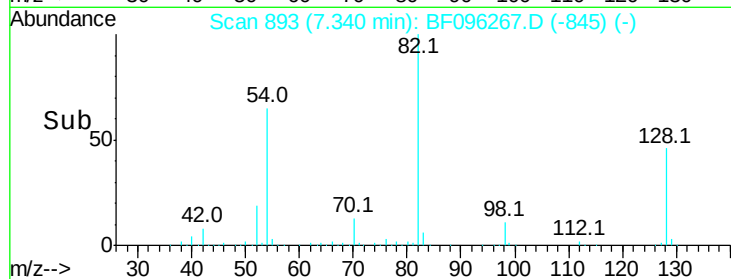
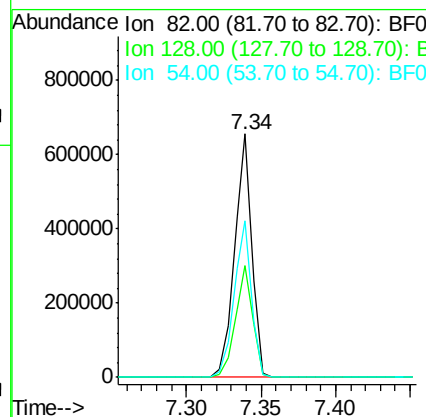
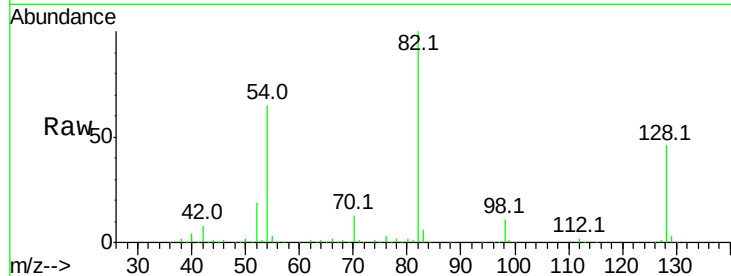




#23
 Nitrobenzene-d5
 Concen: 74.85 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.02 min
 Lab File: BF096267.D
 Acq: 28 Jun 2017 23:27

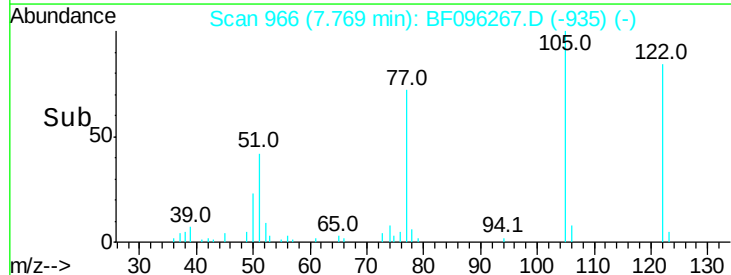
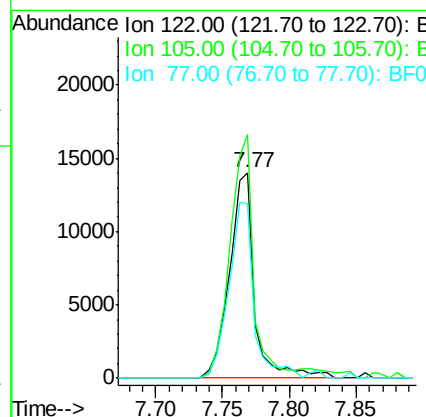
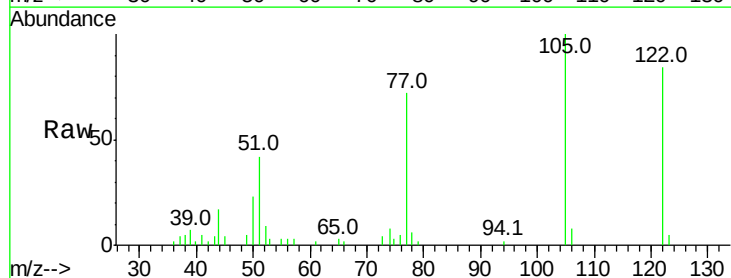
Instrument :
 BNA_F
 ClientSampleId :
 72-11940

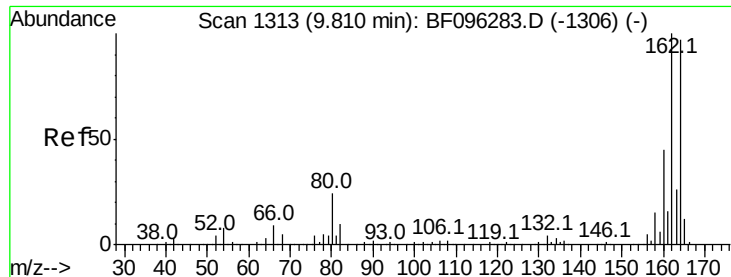
Tot Ion: 82 Resp: 539016
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.0 51.0
 54 64.5 42.2 63.2#



#32
 Benzoic acid
 Concen: 11.68 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.12 min
 Lab File: BF096267.D
 Acq: 28 Jun 2017 23:27

Tgt Ion:122 Resp: 18496
 Ion Ratio Lower Upper
 122 100
 105 118.5 103.3 143.3
 77 85.1 73.7 113.7

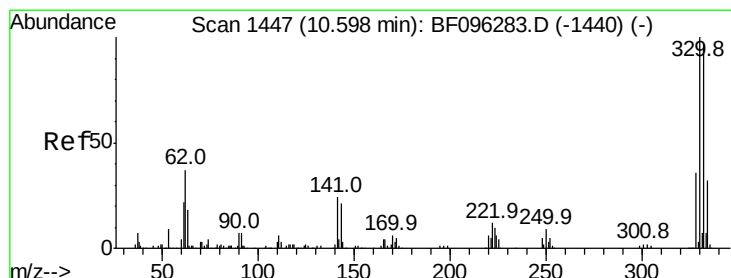
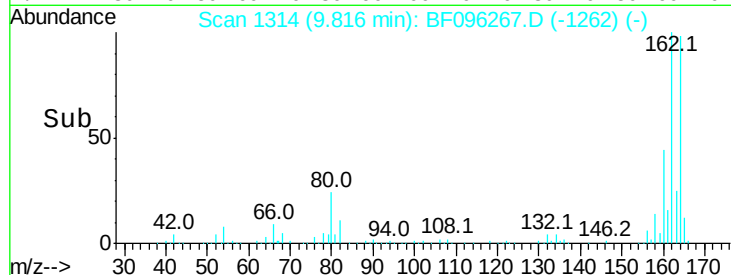
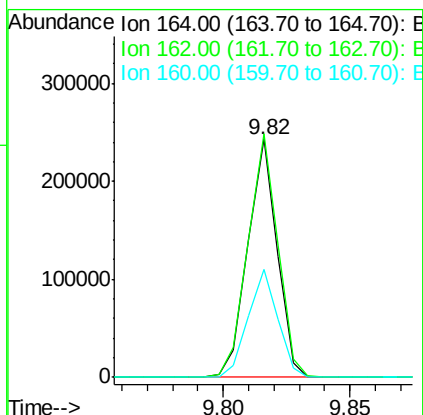
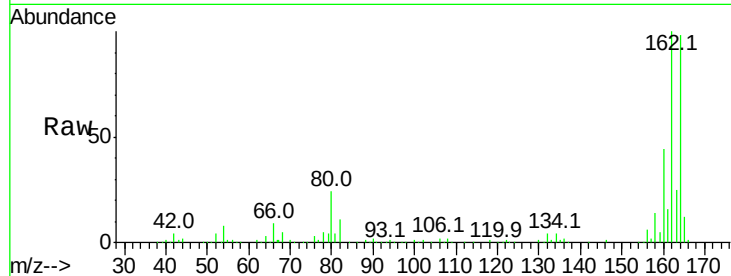




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF096267.D
Acq: 28 Jun 2017 23:27

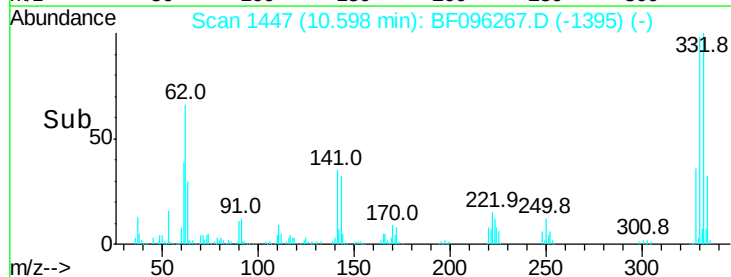
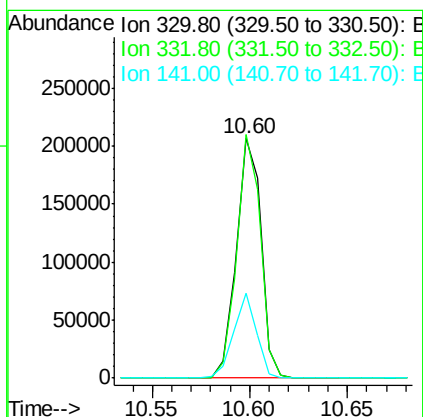
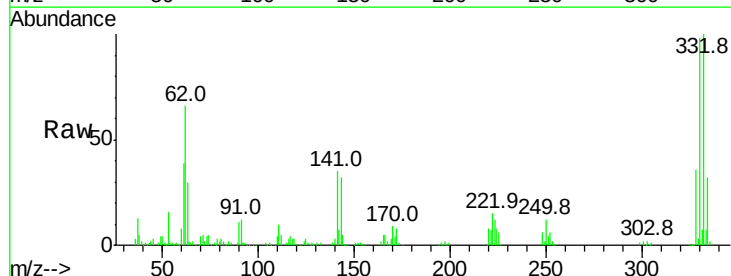
Instrument :
BNA_F
ClientSampleId :
72-11940

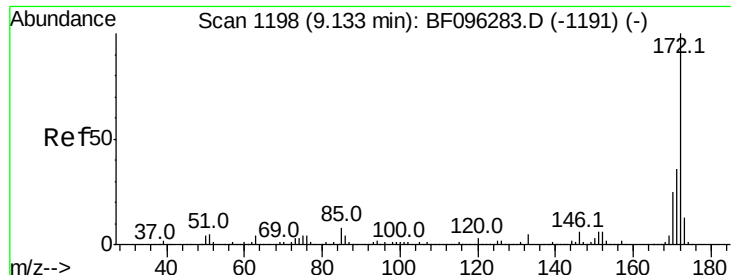
Tot Ion:164 Resp: 195270
Ion Ratio Lower Upper
164 100
162 102.1 82.6 123.8
160 45.4 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 118.23 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF096267.D
Acq: 28 Jun 2017 23:27

Tgt Ion:330 Resp: 181689
Ion Ratio Lower Upper
330 100
332 97.5 76.6 115.0
141 32.8 31.4 47.2

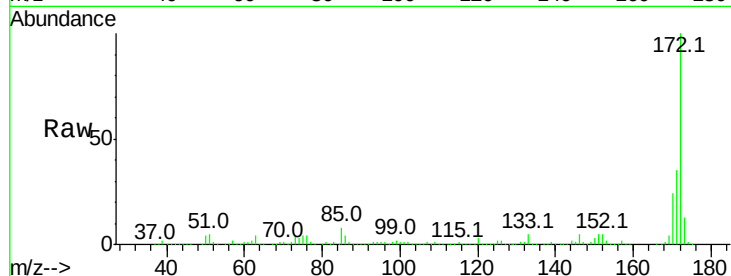




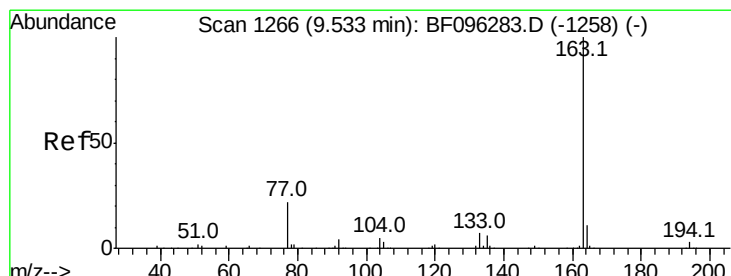
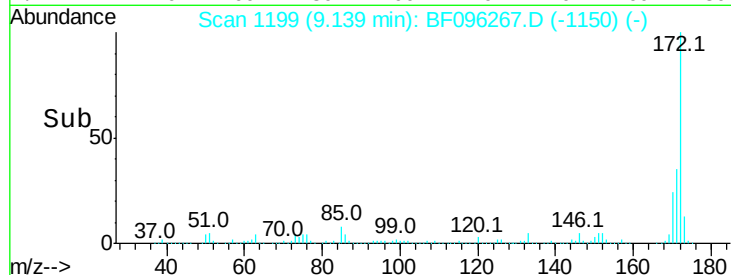
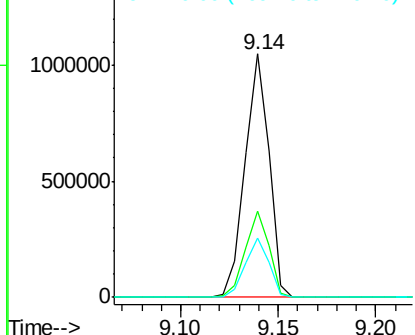
#44
2-Fluorobiphenyl
Concen: 83.73 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF096267.D
Acq: 28 Jun 2017 23:27

Instrument :
BNA_F
ClientSampled :
72-11940

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	24.2	19.8	29.8

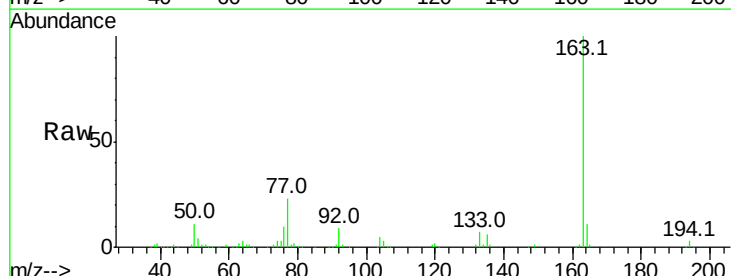


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

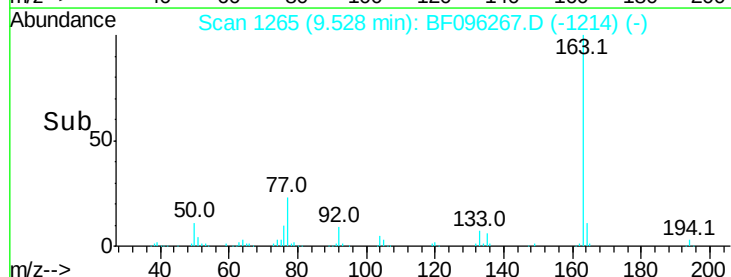
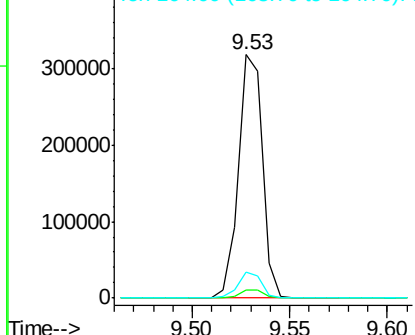


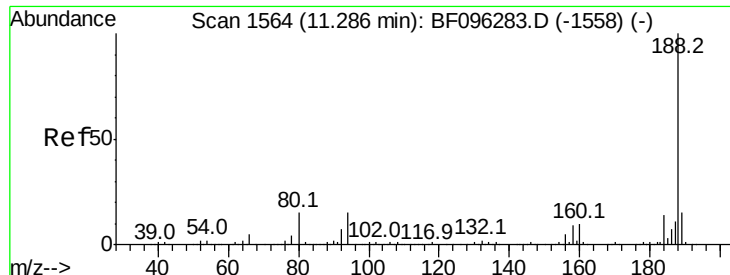
#49
Dimethylphthalate
Concen: 19.39 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF096267.D
Acq: 28 Jun 2017 23:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.7	8.4	12.6



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

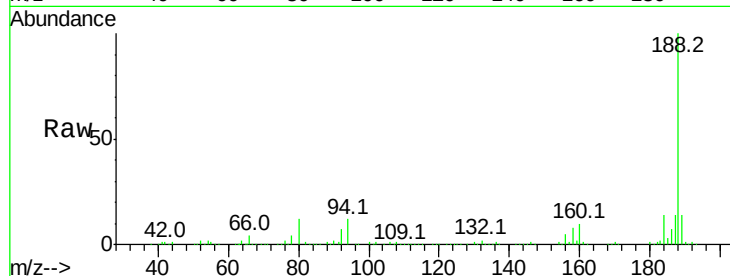




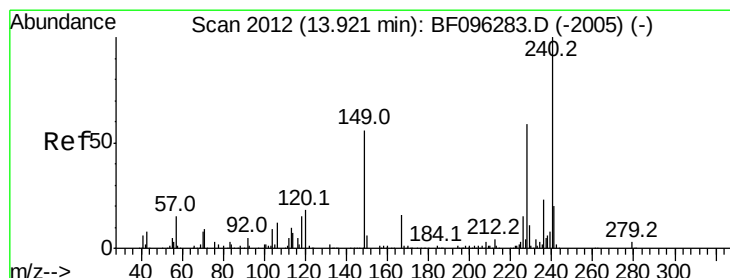
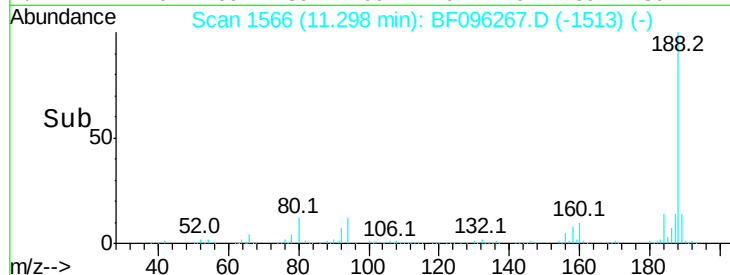
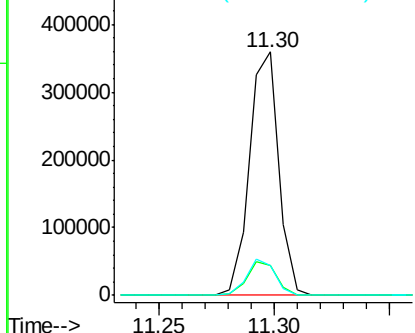
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF096267.D
Acq: 28 Jun 2017 23:27

Instrument :
BNA_F
ClientSampleId :
72-11940

Tot Ion:188 Resp: 318052
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.2
80 12.2 10.2 15.2

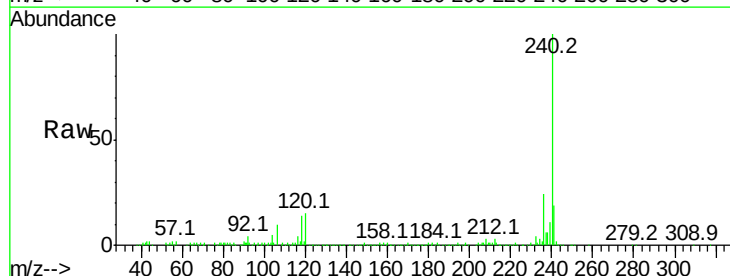


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

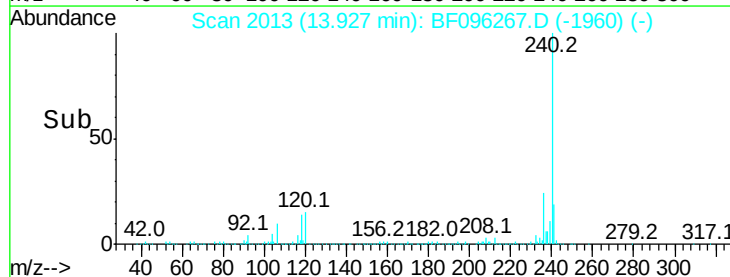
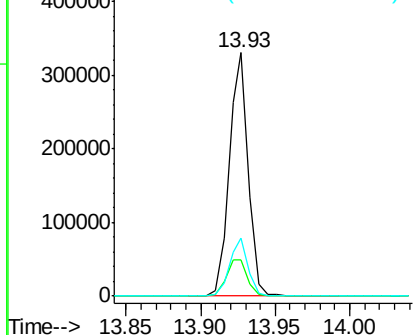


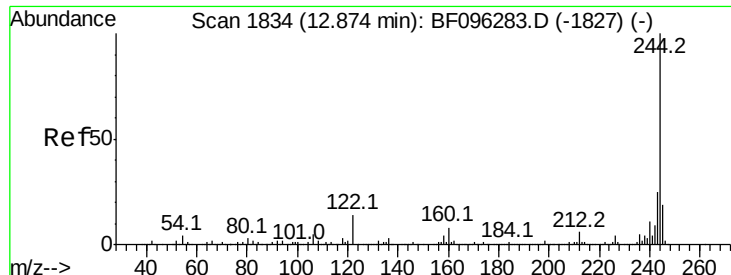
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF096267.D
Acq: 28 Jun 2017 23:27

Tgt Ion:240 Resp: 296373
Ion Ratio Lower Upper
240 100
120 15.1 5.8 8.8#
236 23.7 20.5 30.7



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: 61.22 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.01 min

Lab File: BF096267.D

Acq: 28 Jun 2017 23:27

Instrument :

BNA_F

ClientSampleId :

72-11940

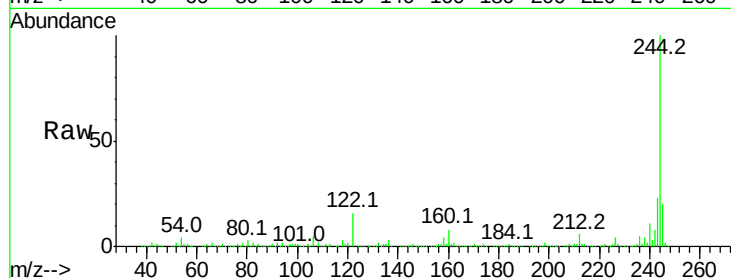
Tot Ion:244 Resp: 727108

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

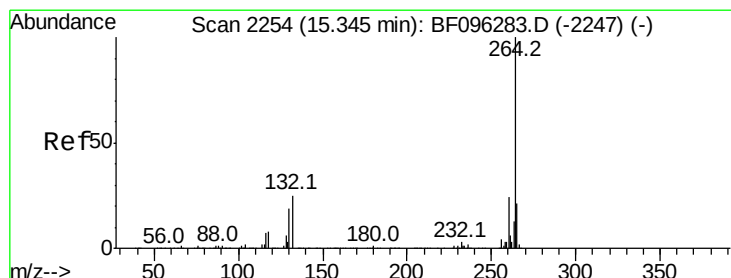
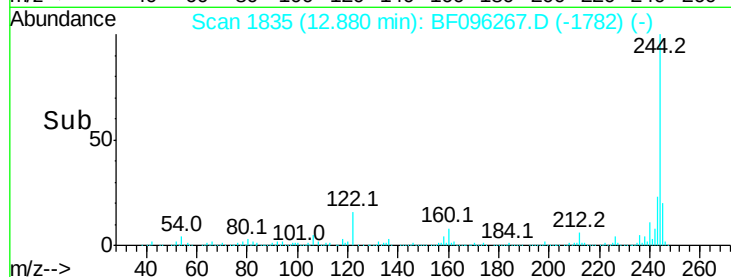
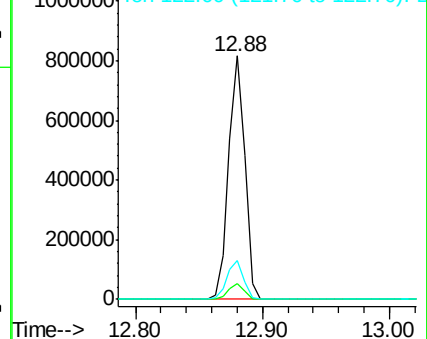
122 15.8 10.3 15.5#



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: 15.36 min Scan# 2256

Delta R.T. 0.02 min

Lab File: BF096267.D

Acq: 28 Jun 2017 23:27

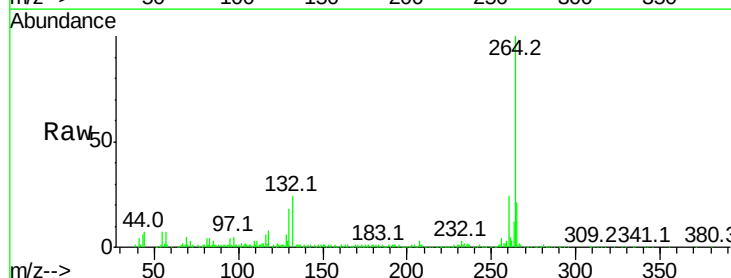
Tgt Ion:264 Resp: 206897

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.3 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

