

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041917\
 Data File : BF094534.D
 Acq On : 19 Apr 2017 23:44
 Operator : SJ/MA
 Sample : I2680-03 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1052

Quant Time: Apr 20 05:11:54 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

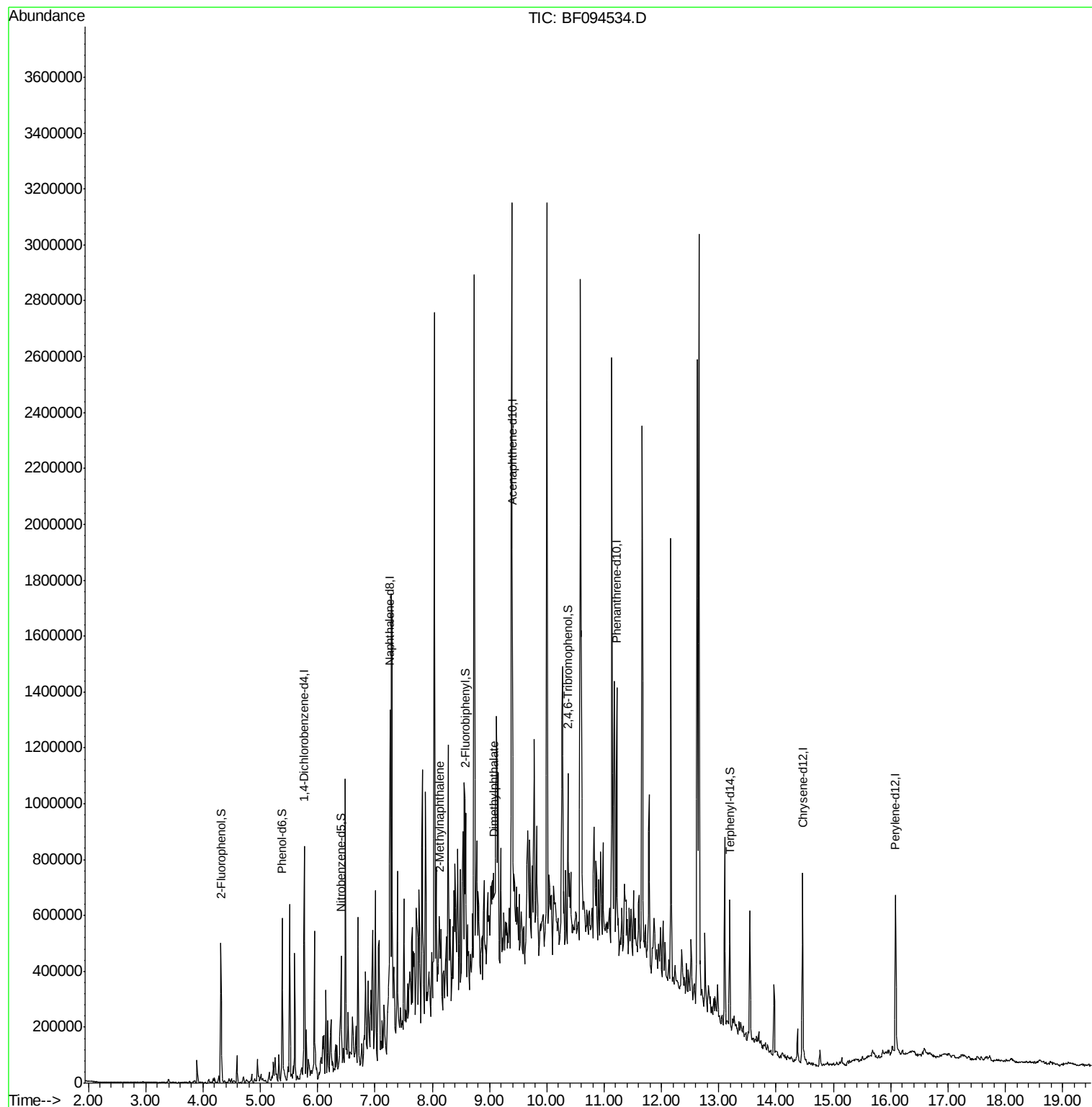
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	118509	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	459814	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	194541	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	338519	20.00	ng	0.00
75) Chrysene-d12	14.46	240	248271	20.00	ng	0.00
86) Perylene-d12	16.09	264	230461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	143769	20.13	ng	0.00
7) Phenol-d6	5.38	99	182932	21.72	ng	0.00
23) Nitrobenzene-d5	6.41	82	113980	15.31	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	29597	19.45	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	212309	16.06	ng	0.00
78) Terphenyl-d14	13.19	244	138396	14.90	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.13	142	44240	2.93	ng	Qvalue 96
49) Dimethylphthalate	9.08	163	46339	3.20	ng	# 99

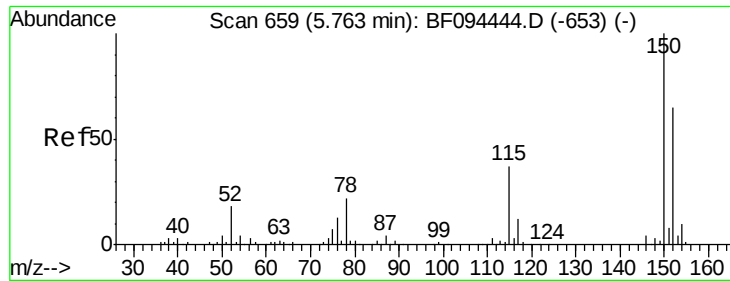
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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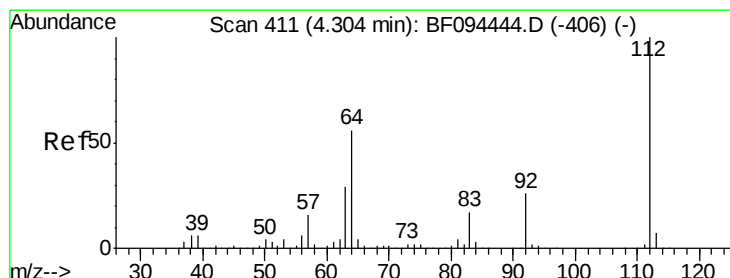
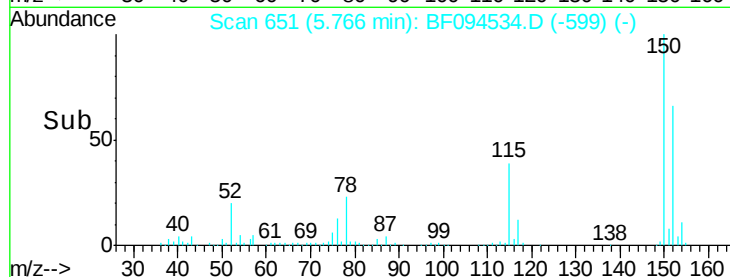
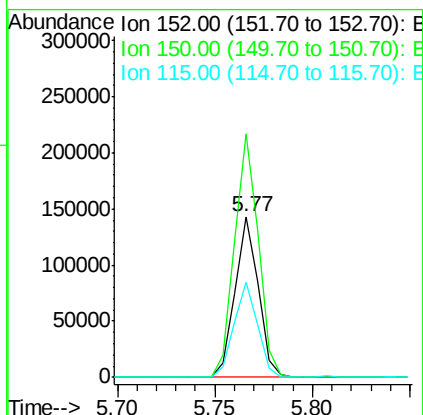
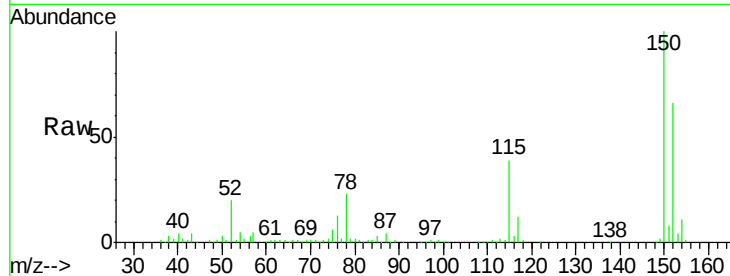


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094534.D
Acq: 19 Apr 2017 23:44

Instrument :
BNA_F
ClientSampleId :
1052

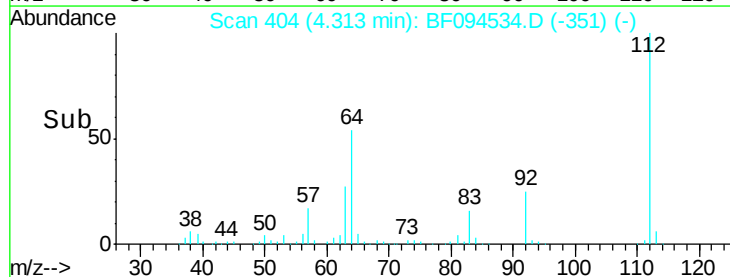
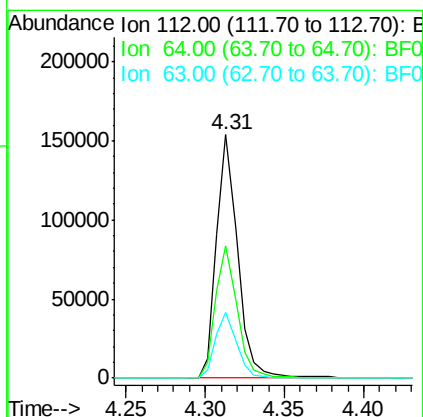
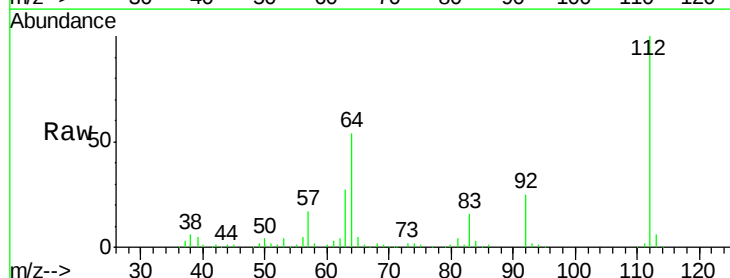
Tgt Ion:152 Resp: 118509
Ion Ratio Lower Upper
152 100
150 151.7 126.2 189.2
115 59.4 52.2 78.2

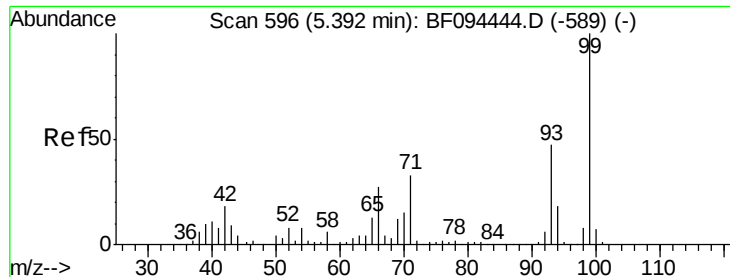


#5

2-Fluorophenol
Concen: 20.13 ng
RT: 4.31 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF094534.D
Acq: 19 Apr 2017 23:44

Tgt Ion:112 Resp: 143769
Ion Ratio Lower Upper
112 100
64 54.5 46.0 69.0
63 27.0 23.4 35.0





#7

Phenol-d6

Concen: 21.72 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094534.D

Acq: 19 Apr 2017 23:44

Instrument :

BNA_F

ClientSampled :

1052

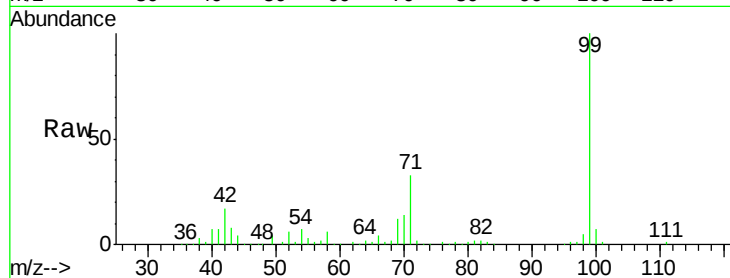
Tgt Ion: 99 Resp: 182932

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

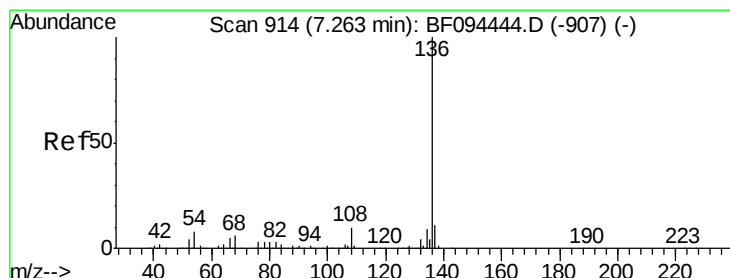
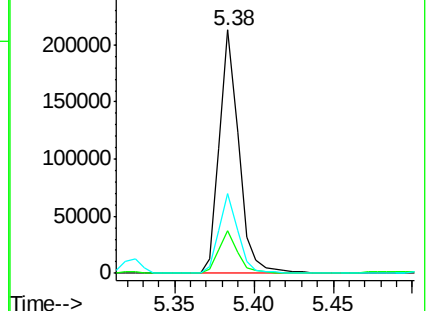
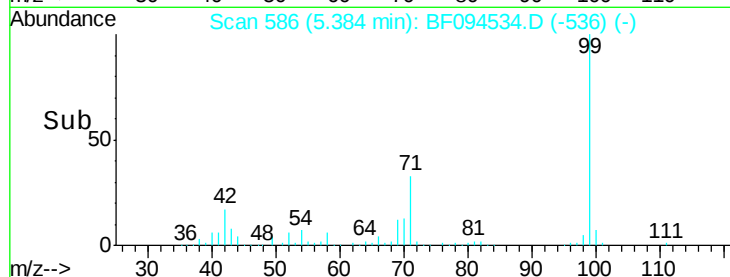
71 32.9 24.5 36.7



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: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094534.D

Acq: 19 Apr 2017 23:44

Tgt Ion: 136 Resp: 459814

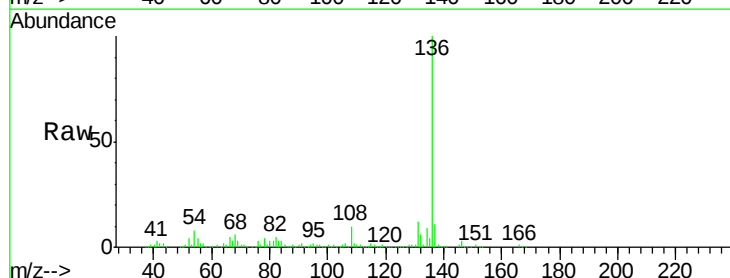
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.6 4.9 7.3#

68 6.4 4.1 6.1#

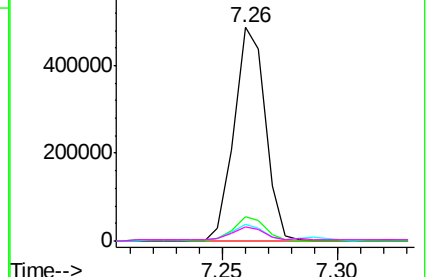
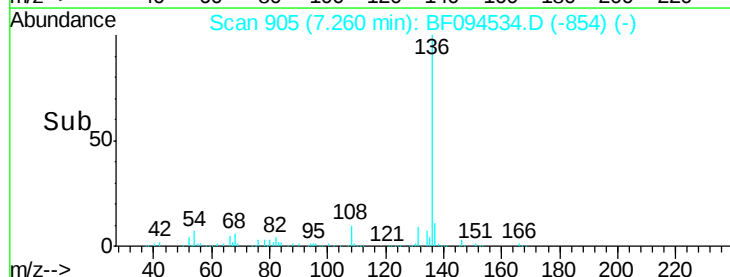


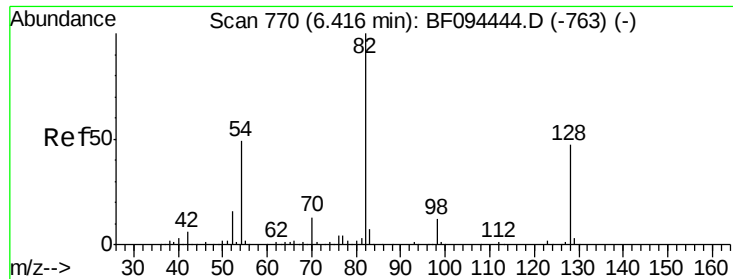
Abundance Ion 136.00 (135.70 to 136.70): E

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

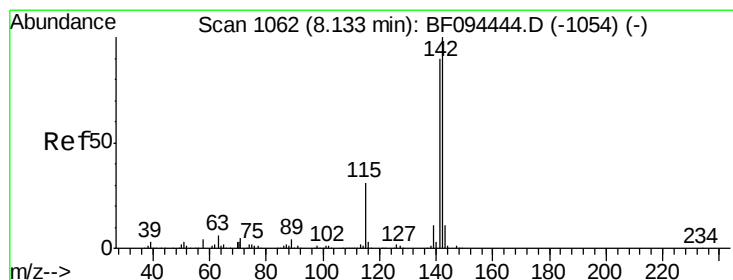
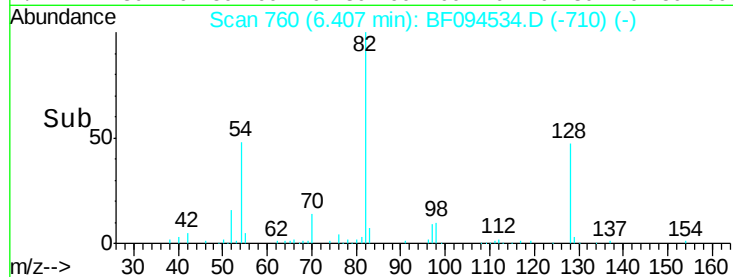
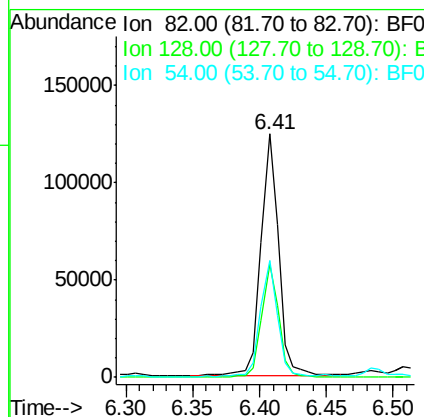
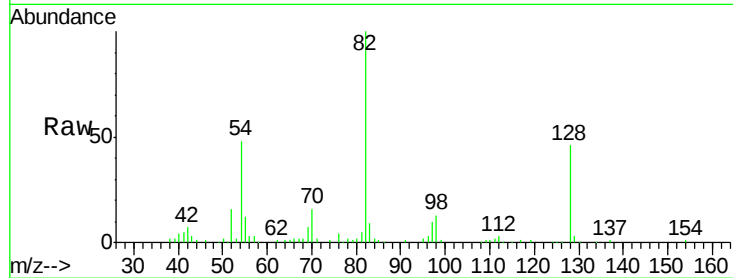




#23
 Nitrobenzene-d5
 Concen: 15.31 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094534.D
 Acq: 19 Apr 2017 23:44

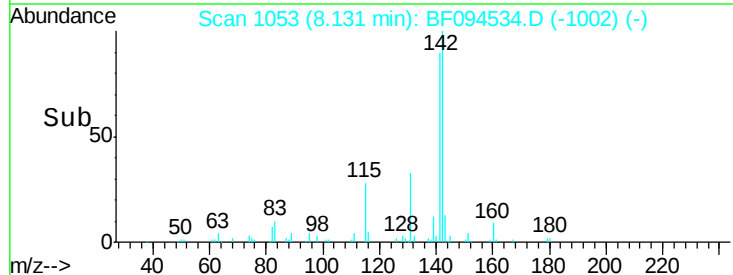
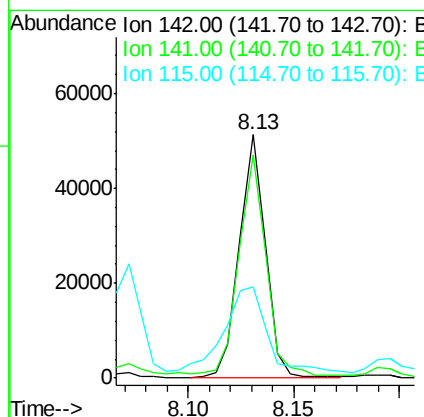
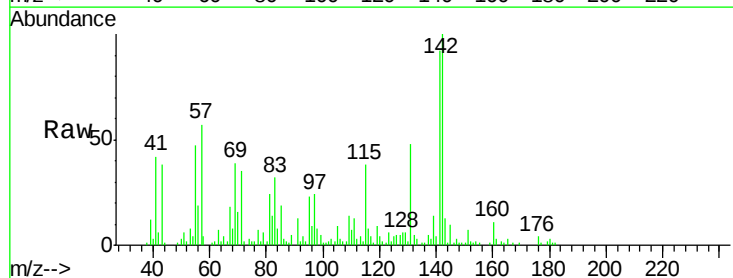
Instrument :
 BNA_F
 ClientSampleId :
 1052

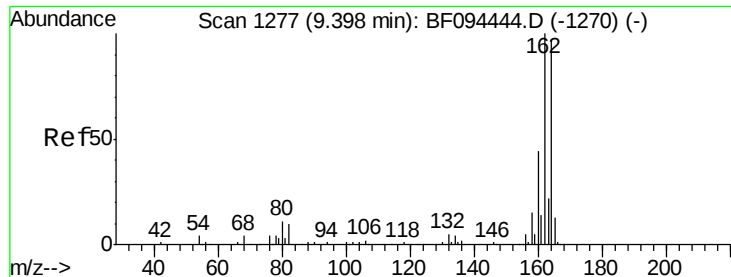
Tgt Ion: 82 Resp: 113980
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.0 51.0
 54 48.0 42.2 63.2



#37
 2-Methylnaphthalene
 Concen: 2.93 ng
 RT: 8.13 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF094534.D
 Acq: 19 Apr 2017 23:44

Tgt Ion: 142 Resp: 44240
 Ion Ratio Lower Upper
 142 100
 141 91.8 71.3 106.9
 115 37.5 27.1 40.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF094534.D

Acq: 19 Apr 2017 23:44

Instrument :

BNA_F

ClientSampleId :

1052

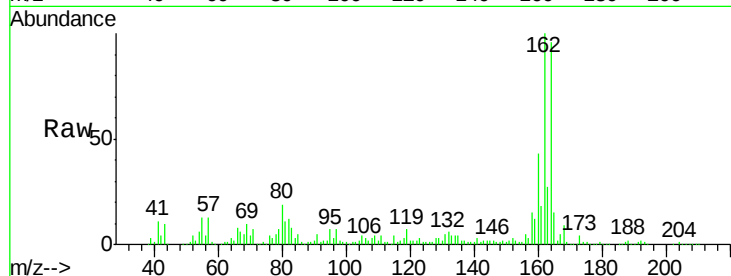
Tgt Ion:164 Resp: 194541

Ion Ratio Lower Upper

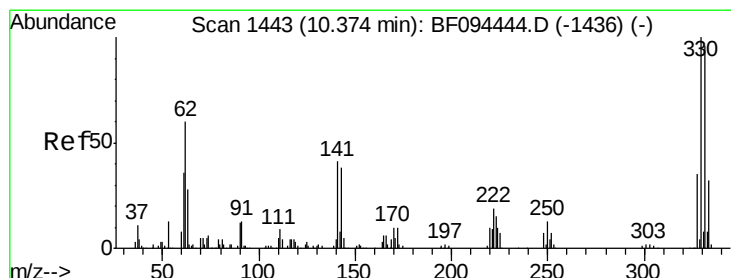
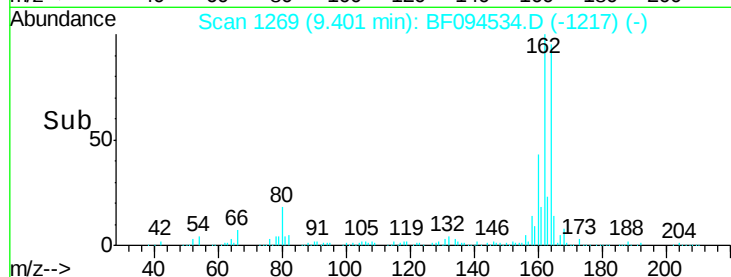
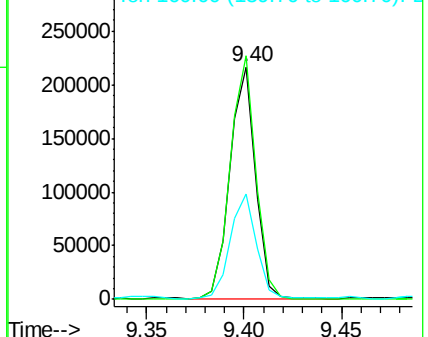
164 100

162 104.6 82.6 123.8

160 45.2 36.2 54.2



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: 19.45 ng

RT: 10.37 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF094534.D

Acq: 19 Apr 2017 23:44

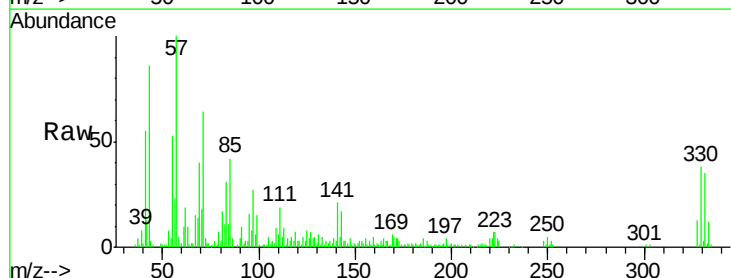
Tgt Ion:330 Resp: 29597

Ion Ratio Lower Upper

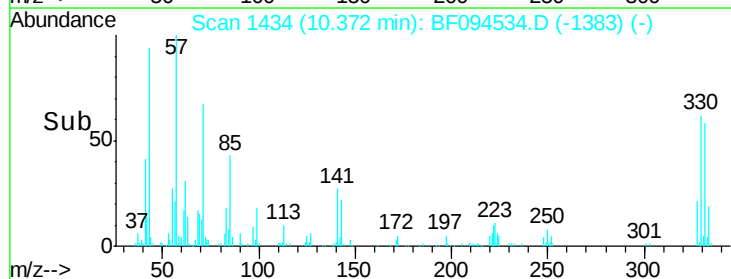
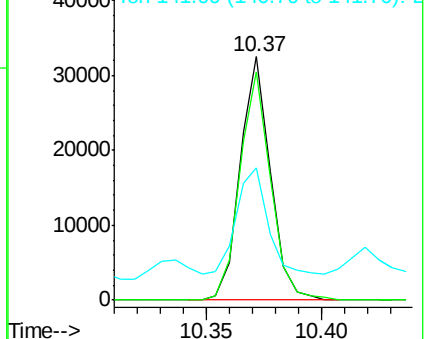
330 100

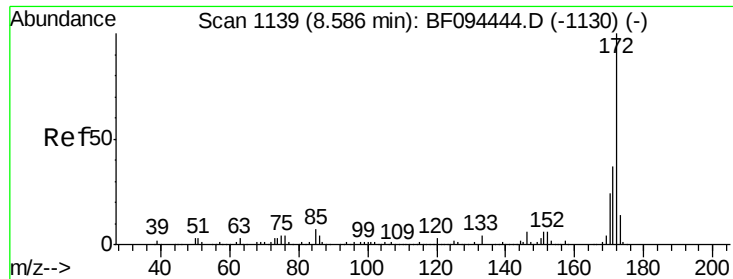
332 96.2 76.6 115.0

141 48.1 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

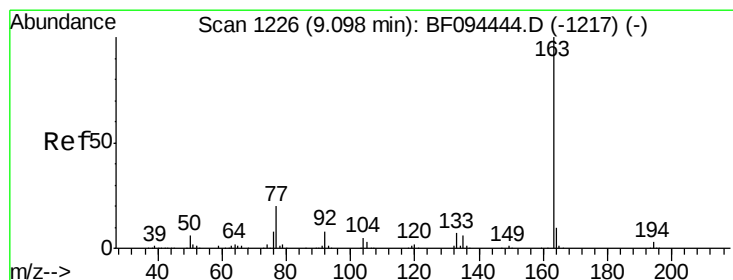
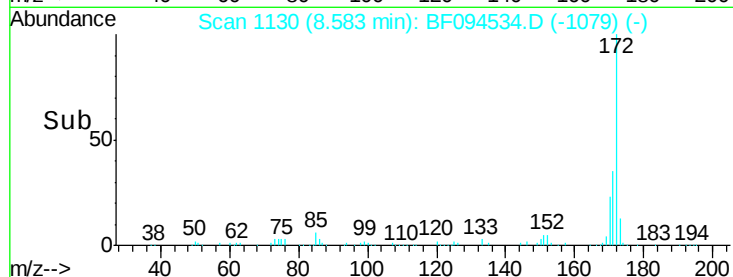
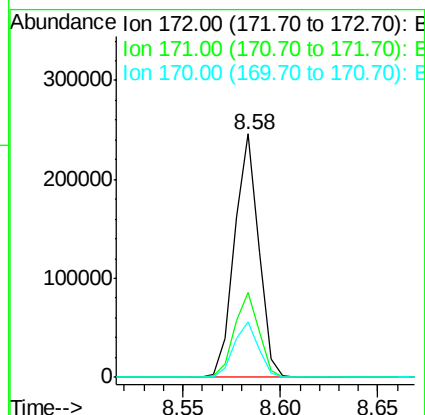
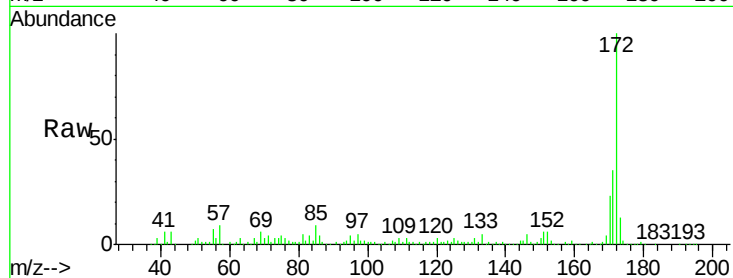




#44
2-Fluorobiphenyl
Concen: 16.06 ng
RT: 8.58 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF094534.D
Acq: 19 Apr 2017 23:44

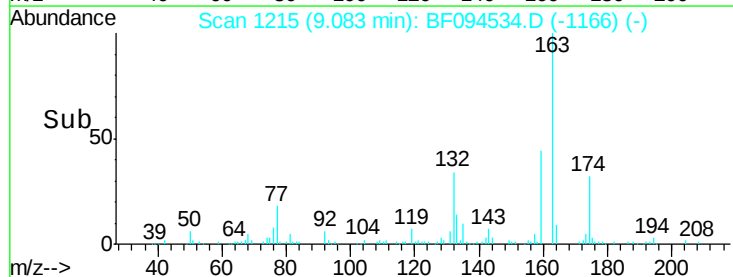
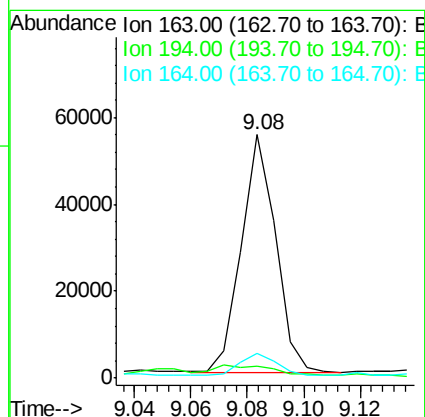
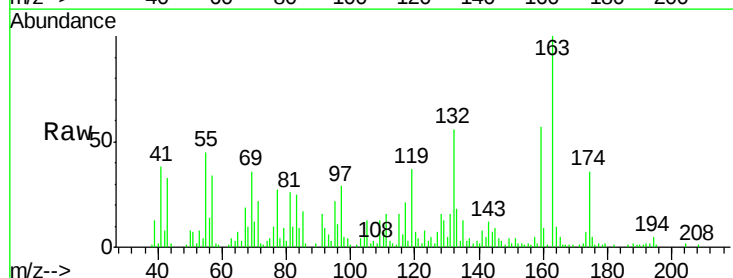
Instrument :
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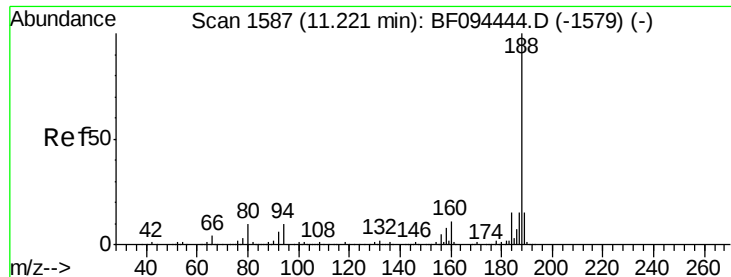
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.6	44.4
170	22.6	19.8	29.8



#49
Dimethylphthalate
Concen: 3.20 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094534.D
Acq: 19 Apr 2017 23:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.6	4.0#
164	10.3	8.4	12.6

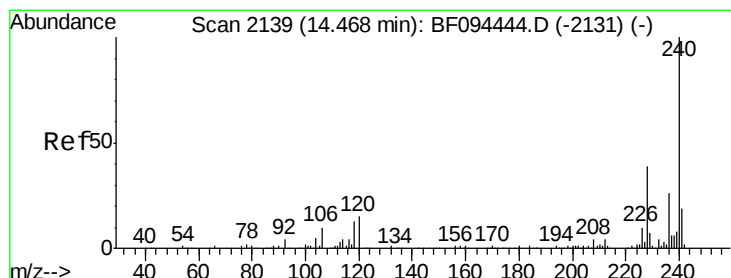
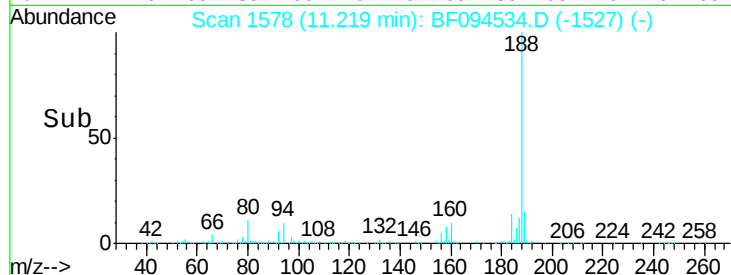
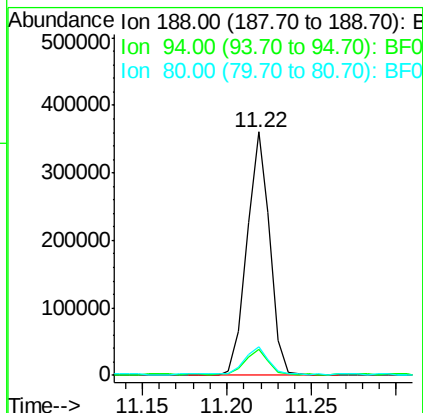
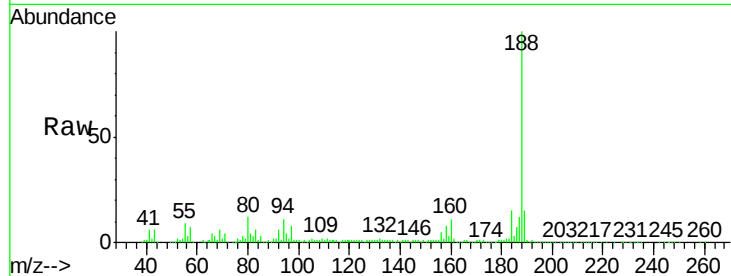




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094534.D
Acq: 19 Apr 2017 23:44

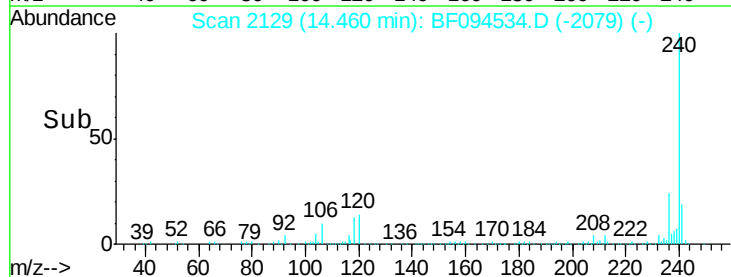
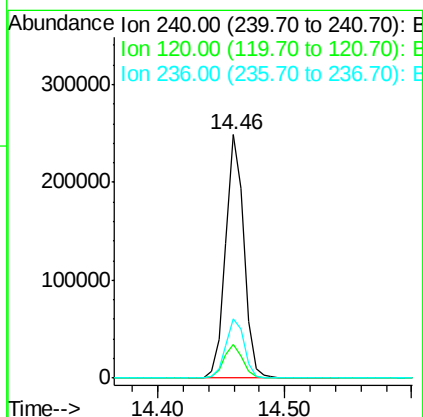
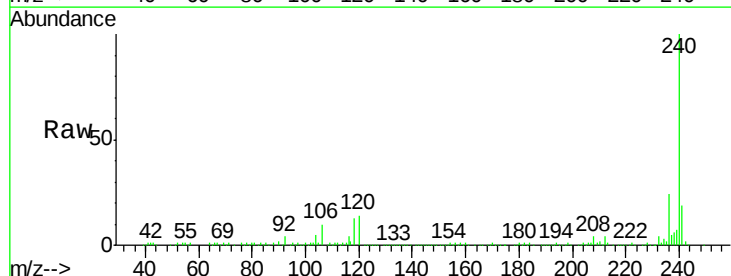
Instrument :
BNA_F
ClientSampleId :
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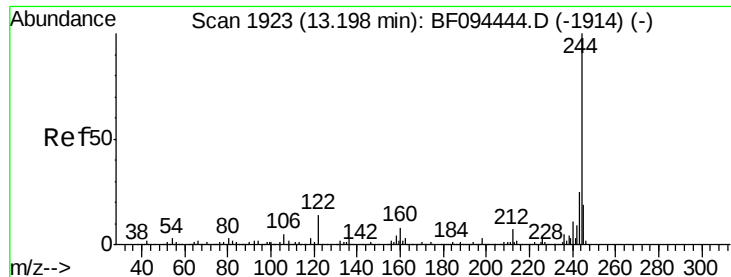
Tgt Ion:188 Resp: 338519
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.8 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF094534.D
Acq: 19 Apr 2017 23:44

Tgt Ion:240 Resp: 248271
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 24.3 20.5 30.7





#78

Terphenyl-d14

Concen: 14.90 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094534.D

Acq: 19 Apr 2017 23:44

Instrument :

BNA_F

ClientSampleId :

1052

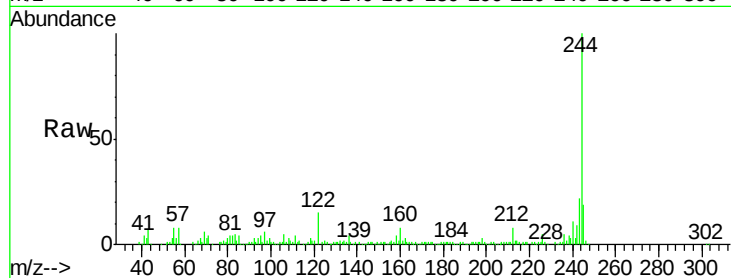
Tgt Ion:244 Resp: 138396

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

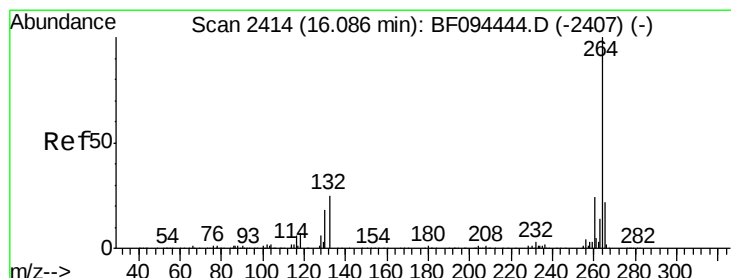
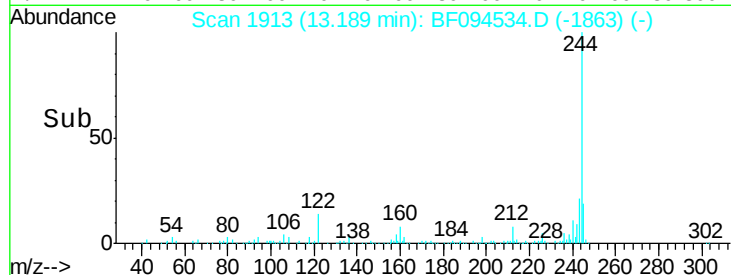
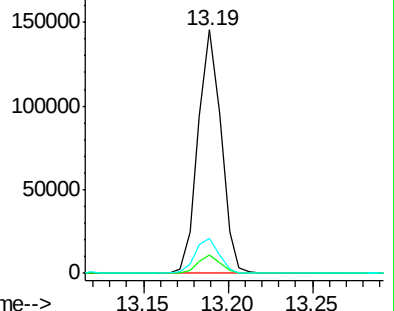
122 14.6 10.3 15.5



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: 16.09 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BF094534.D

Acq: 19 Apr 2017 23:44

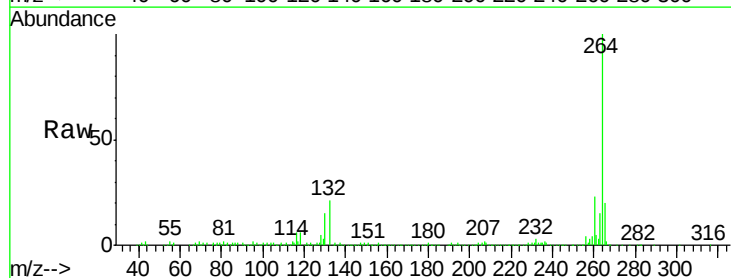
Tgt Ion:264 Resp: 230461

Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

265 19.8 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

