

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111815\
 Data File : BF083027.D
 Acq On : 19 Nov 2015 00:22
 Operator : UM/IZ
 Sample : G4426-03 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Quant Time: Nov 19 01:53:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 18 13:32:32 2015
 Response via : Initial Calibration

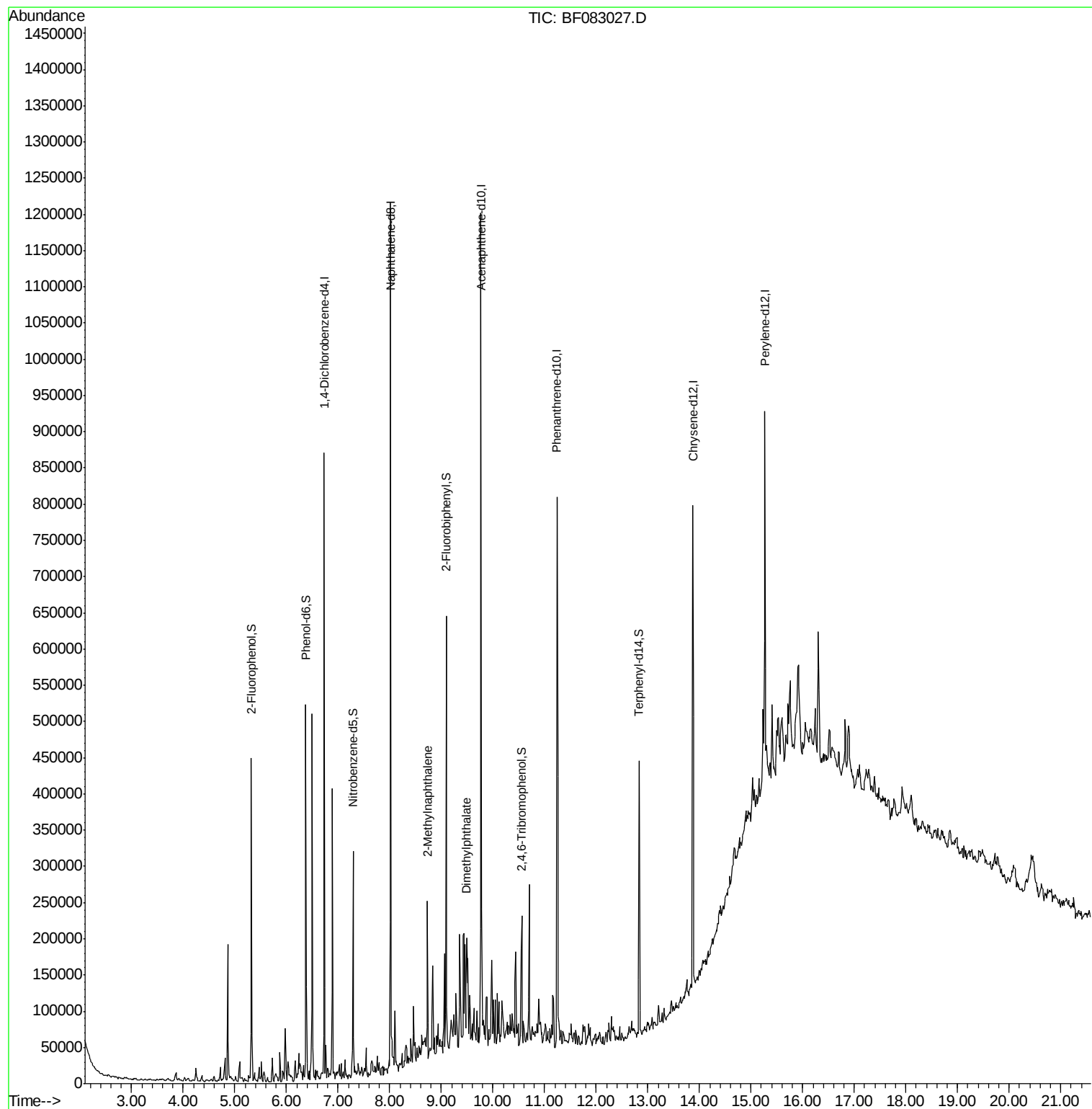
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	110374	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	454406	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	204692	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	313753	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	272672	20.00	ng	-0.02
86) Perylene-d12	15.27	264	223181	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	112317	15.83	ng	-0.01
7) Phenol-d6	6.37	99	152428	16.16	ng	-0.02
23) Nitrobenzene-d5	7.29	82	92269	8.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	22420	9.55	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	156795	10.98	ng	-0.01
78) Terphenyl-d14	12.83	244	105839	9.21	ng	-0.01
Target Compounds						
37) 2-Methylnaphthalene	8.73	142	50119	3.09	ng	96
49) Dimethylphthalate	9.49	163	49698	2.96	ng	97

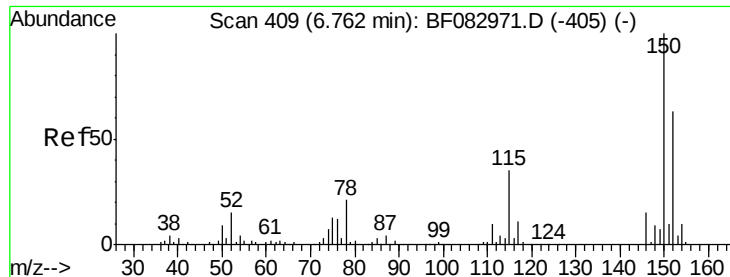
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF083027.D

Acq: 19 Nov 2015 00:22

Instrument :

BNA_F

ClientSampleId :

SB-3

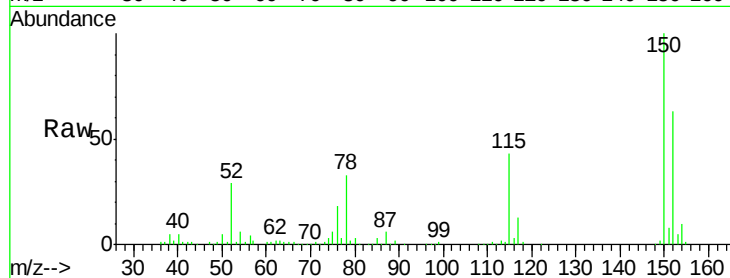
Tot Ion:152 Resp: 110374

Ion Ratio Lower Upper

152 100

150 158.4 127.0 190.4

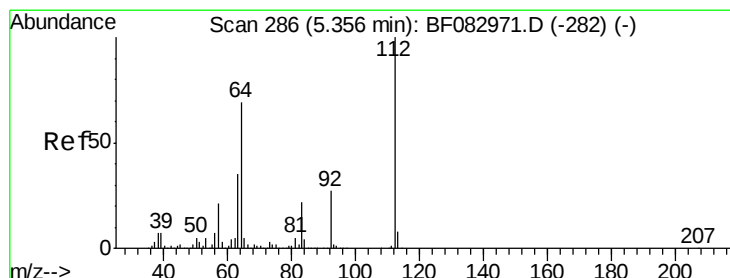
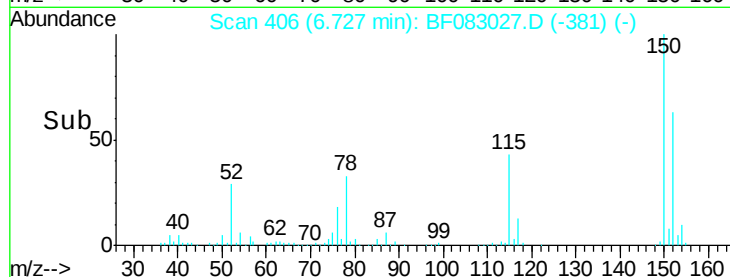
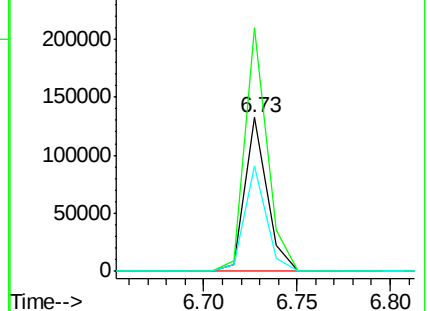
115 68.6 47.0 70.6



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: 15.83 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.01 min

Lab File: BF083027.D

Acq: 19 Nov 2015 00:22

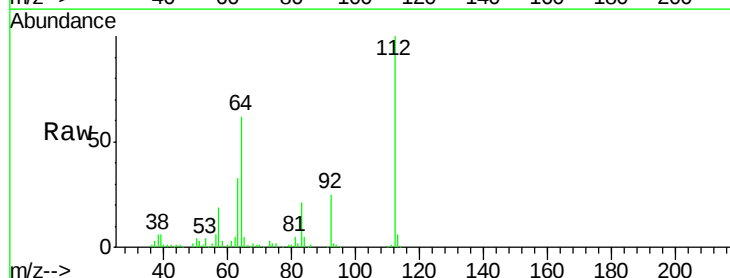
Tgt Ion:112 Resp: 112317

Ion Ratio Lower Upper

112 100

64 61.8 48.9 73.3

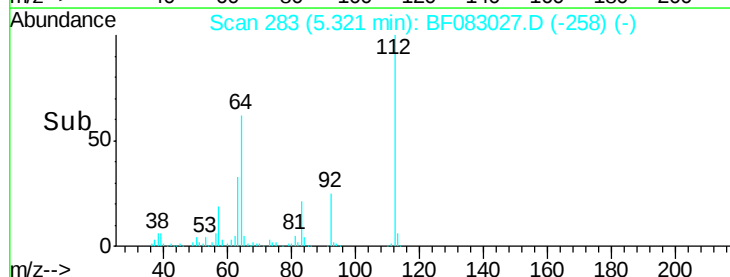
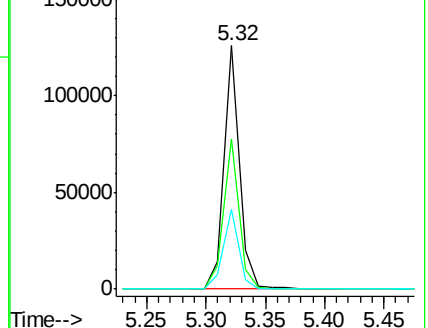
63 32.6 28.1 42.1



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: 16.16 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF083027.D

Acq: 19 Nov 2015 00:22

Instrument :

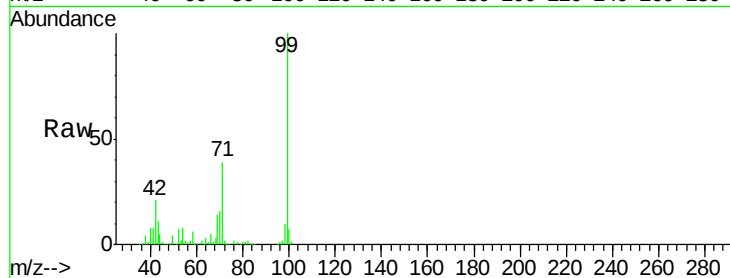
BNA_F

ClientSampleId :

SB-3

Tot Ion: 99 Resp: 152428

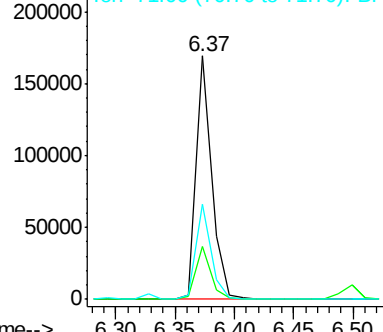
Ion	Ratio	Lower	Upper
99	100		
42	21.5	19.2	28.8
71	39.1	35.0	52.4



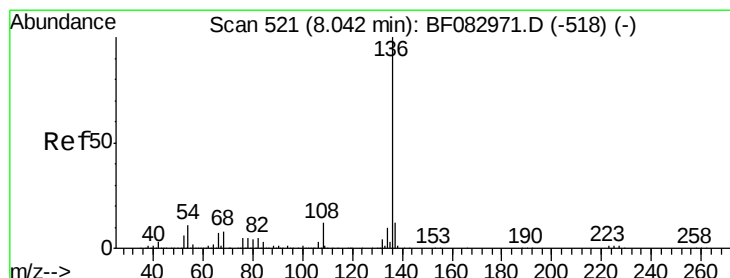
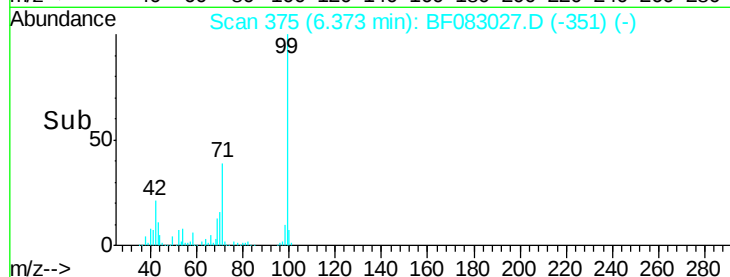
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

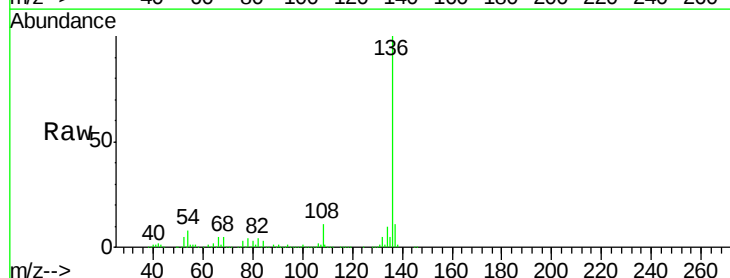
Delta R.T. 0.00 min

Lab File: BF083027.D

Acq: 19 Nov 2015 00:22

Tgt Ion: 136 Resp: 454406

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.8	9.1	13.7#
68	5.0	4.8	7.2

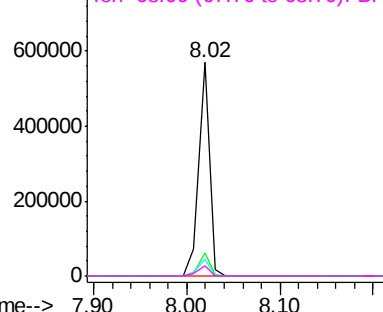


Abundance Ion 136.00 (135.70 to 136.70): E

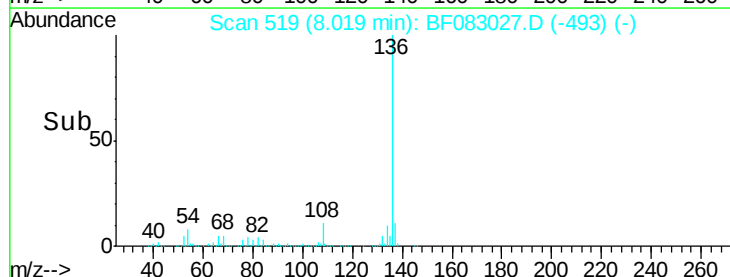
Ion 137.00 (136.70 to 137.70): E

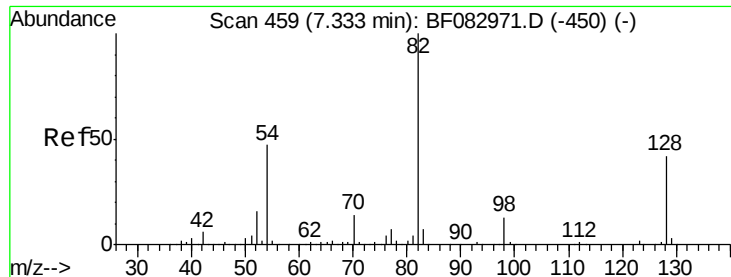
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

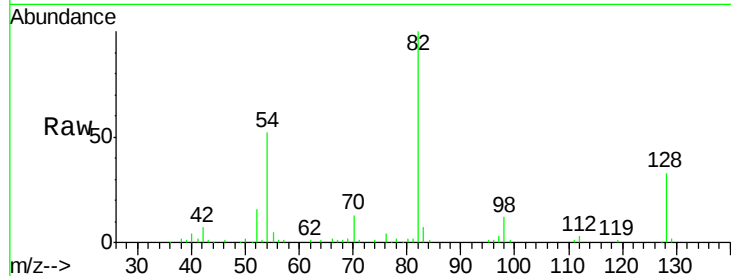




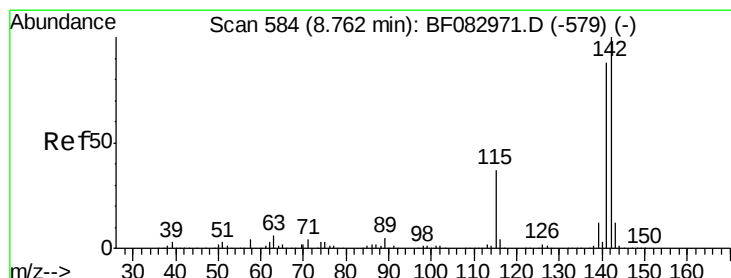
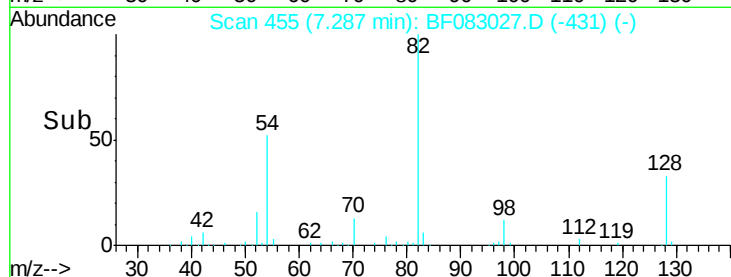
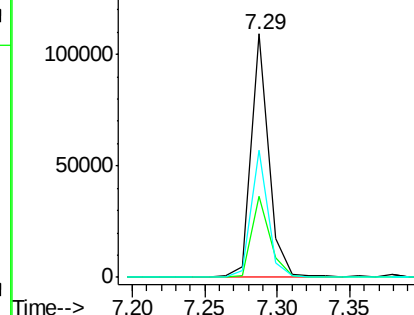
#23
Nitrobenzene-d5
Concen: 8.84 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF083027.D
Acq: 19 Nov 2015 00:22

Instrument :
BNA_F
ClientSampleId :
SB-3

Tot Ion	82	Resp	92269
Ion Ratio	100	Lower	Upper
128	33.1	26.8	40.2
54	52.5	45.7	68.5

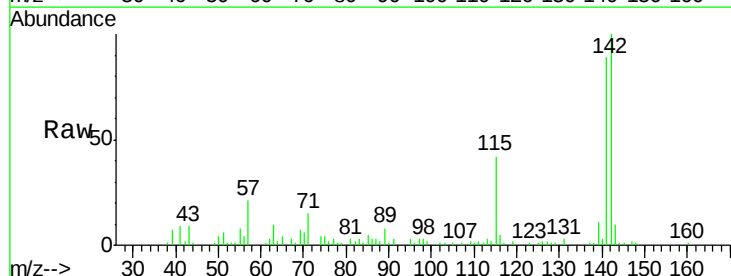


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B

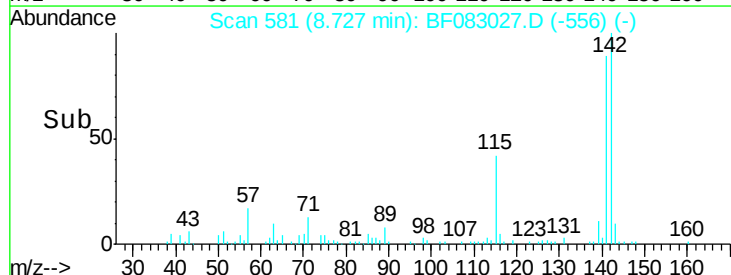
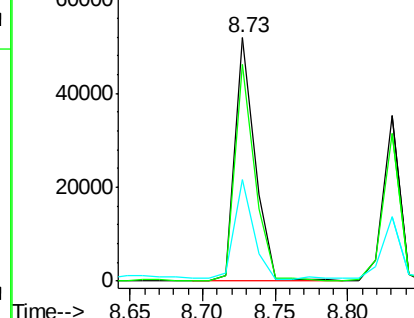


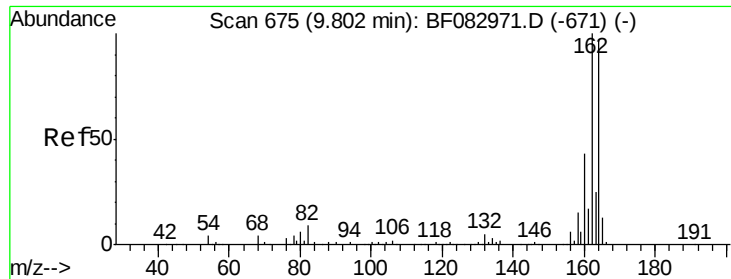
#37
2-Methylnaphthalene
Concen: 3.09 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF083027.D
Acq: 19 Nov 2015 00:22

Tgt Ion	142	Resp	50119
Ion Ratio	100	Lower	Upper
141	89.0	72.3	108.5
115	41.6	38.1	57.1



Abundance Ion 142.00 (141.70 to 142.70): B
Ion 141.00 (140.70 to 141.70): B
Ion 115.00 (114.70 to 115.70): B





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF083027.D

Acq: 19 Nov 2015 00:22

Instrument :

BNA_F

ClientSampleId :

SB-3

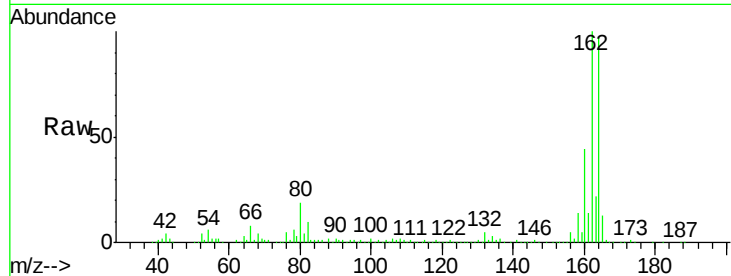
Tot Ion:164 Resp: 204692

Ion Ratio Lower Upper

164 100

162 102.9 84.9 127.3

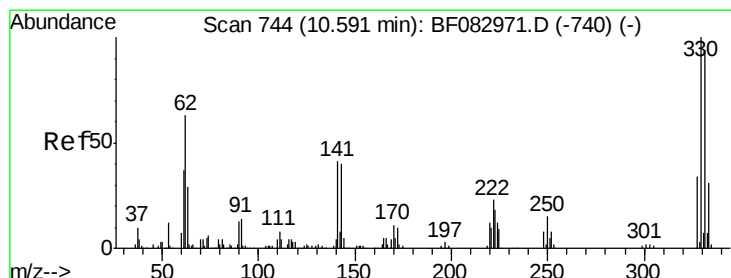
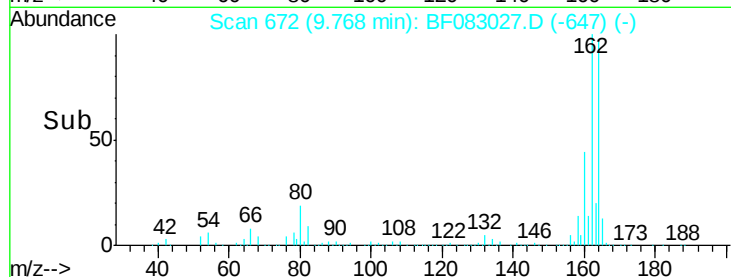
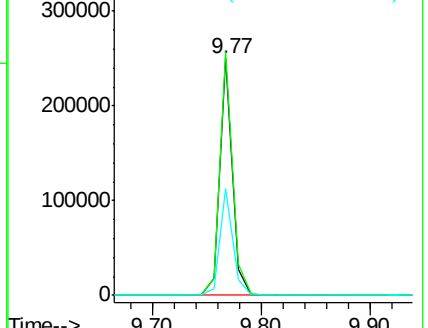
160 45.0 37.5 56.3



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: 9.55 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF083027.D

Acq: 19 Nov 2015 00:22

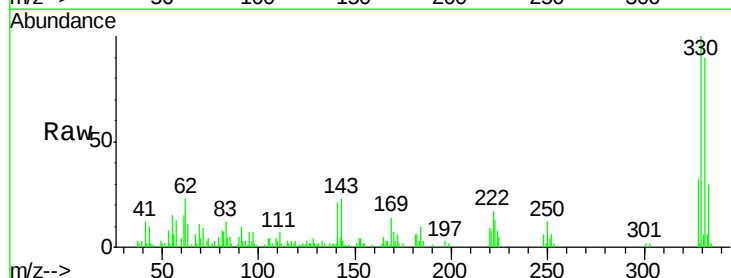
Tgt Ion:330 Resp: 22420

Ion Ratio Lower Upper

330 100

332 91.9 76.6 114.8

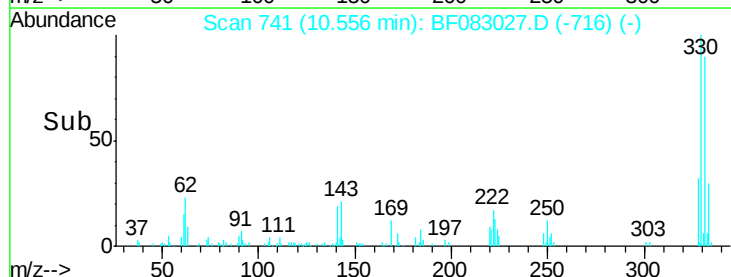
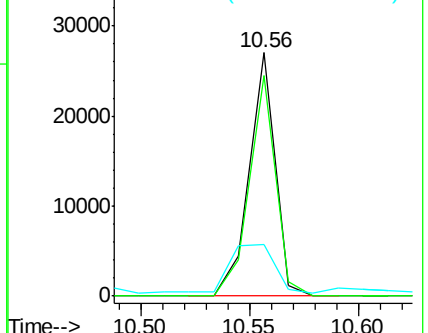
141 34.5 41.2 61.8#

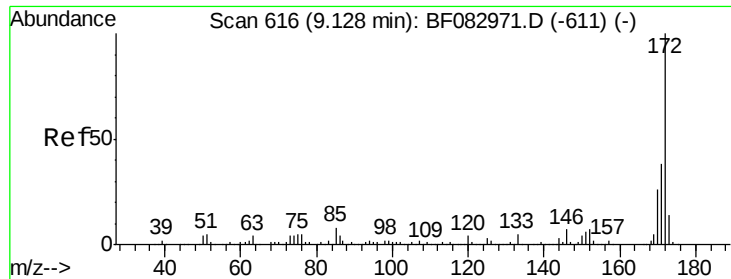


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

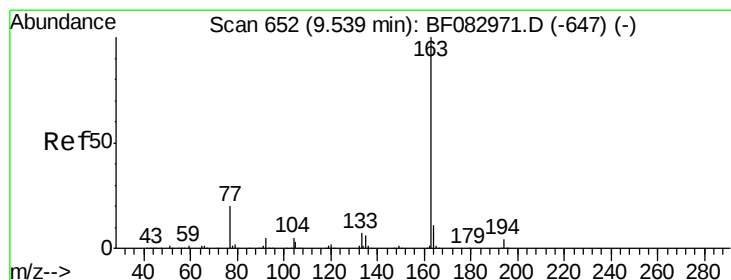
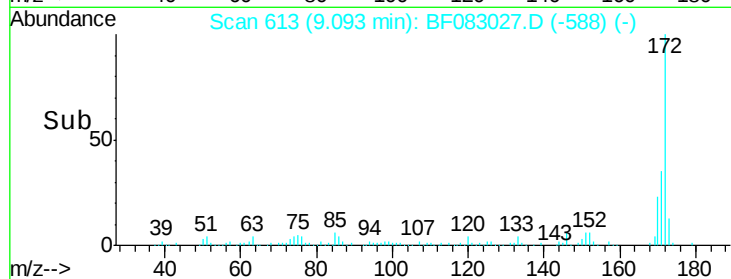
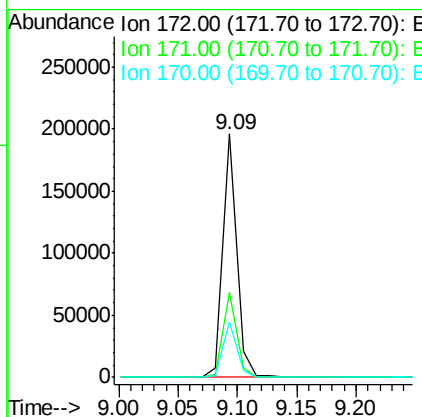
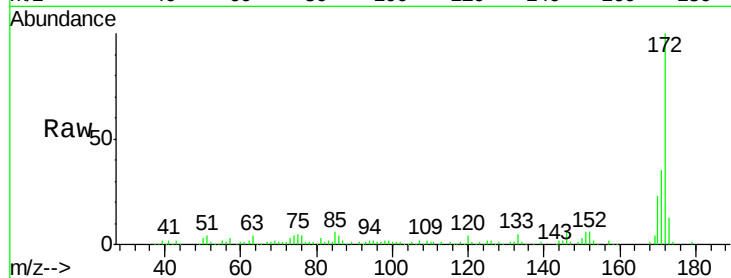




#44
2-Fluorobiphenyl
Concen: 10.98 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF083027.D
Acq: 19 Nov 2015 00:22

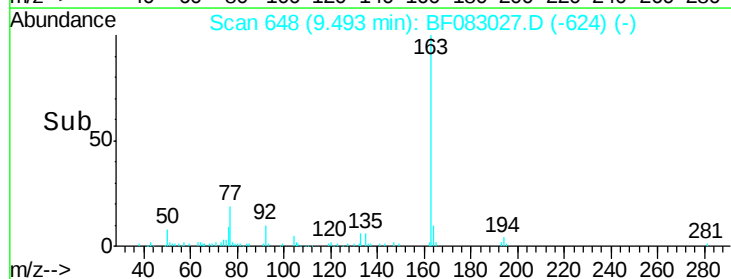
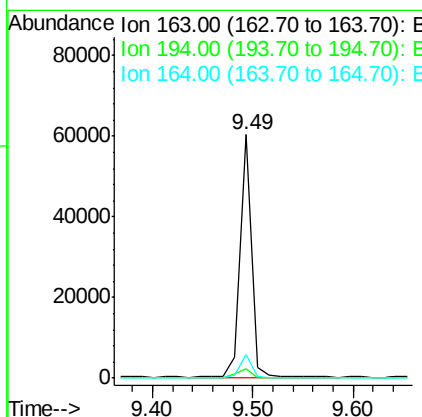
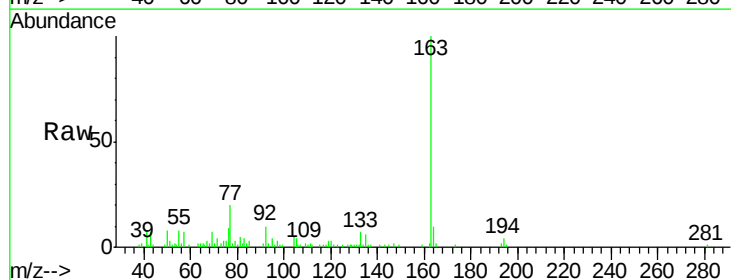
Instrument :
BNA_F
ClientSampled :
SB-3

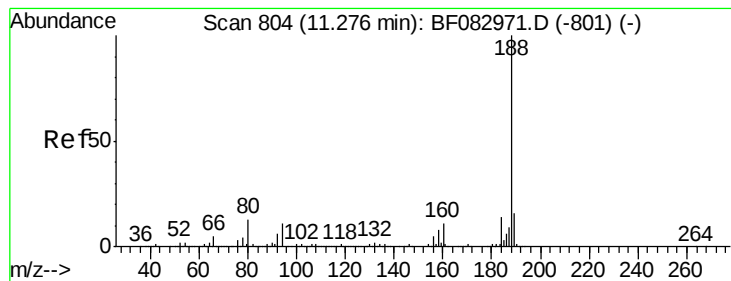
Tot Ion:172 Resp: 156795
Ion Ratio Lower Upper
172 100
171 35.1 30.8 46.2
170 23.0 21.2 31.8



#49
Dimethylphthalate
Concen: 2.96 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF083027.D
Acq: 19 Nov 2015 00:22

Tgt Ion:163 Resp: 49698
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.6 8.7 13.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF083027.D

Acq: 19 Nov 2015 00:22

Instrument :

BNA_F

ClientSampleId :

SB-3

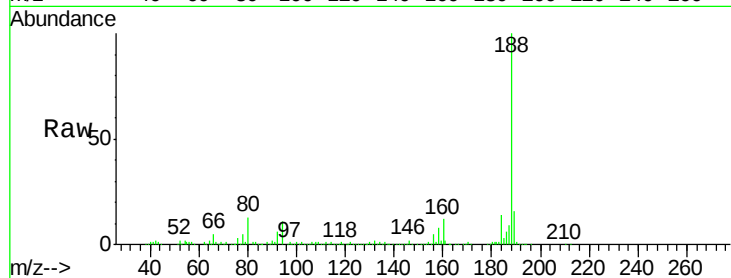
Tot Ion:188 Resp: 313753

Ion Ratio Lower Upper

188 100

94 10.6 6.1 9.1#

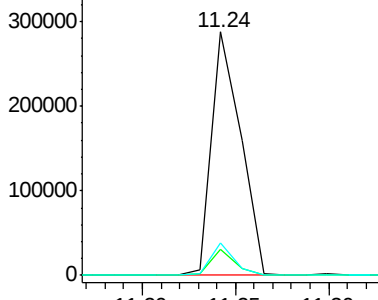
80 13.1 7.0 10.6#



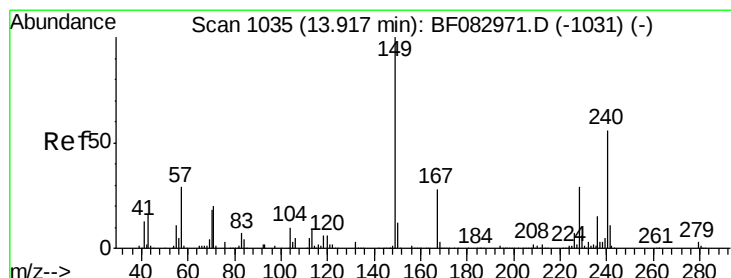
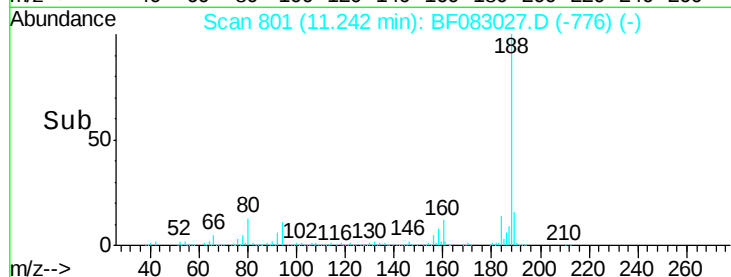
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF083027.D

Acq: 19 Nov 2015 00:22

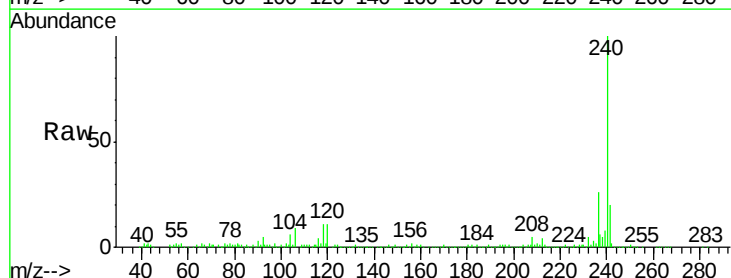
Tgt Ion:240 Resp: 272672

Ion Ratio Lower Upper

240 100

120 11.4 10.9 16.3

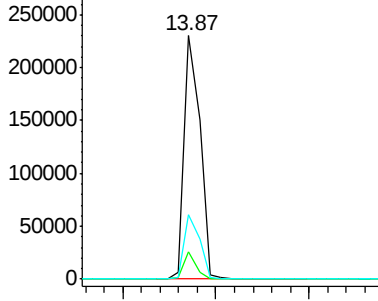
236 26.3 21.6 32.4



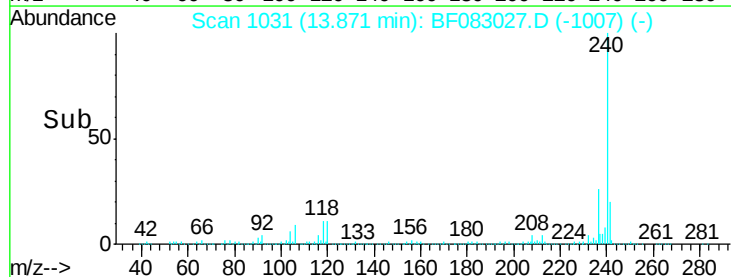
Abundance Ion 240.00 (239.70 to 240.70): E

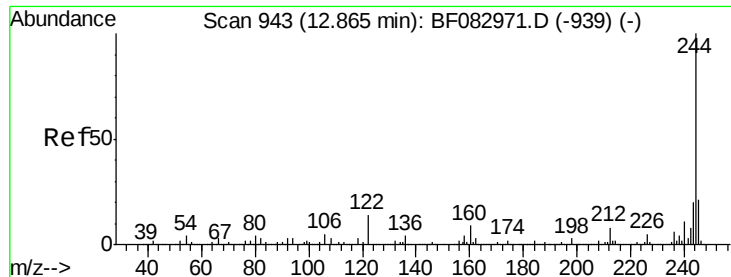
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 9.21 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF083027.D

Acq: 19 Nov 2015 00:22

Instrument :

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SB-3

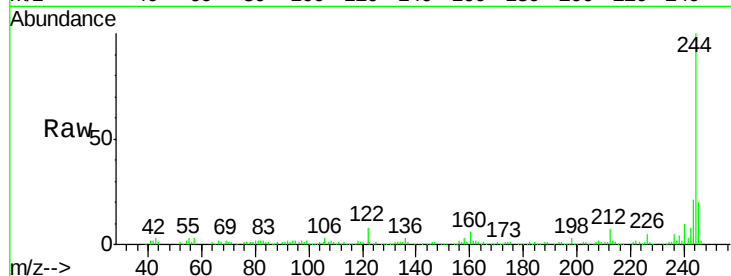
Tot Ion:244 Resp: 105839

Ion Ratio Lower Upper

244 100

212 7.5 7.6 11.4#

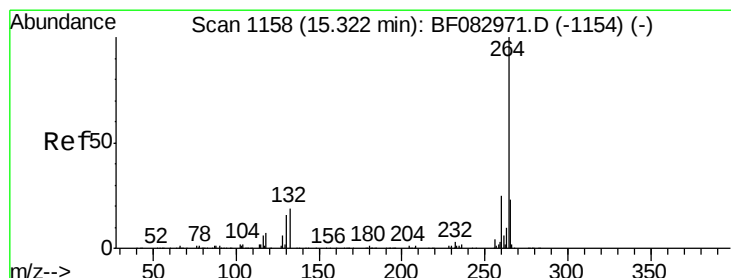
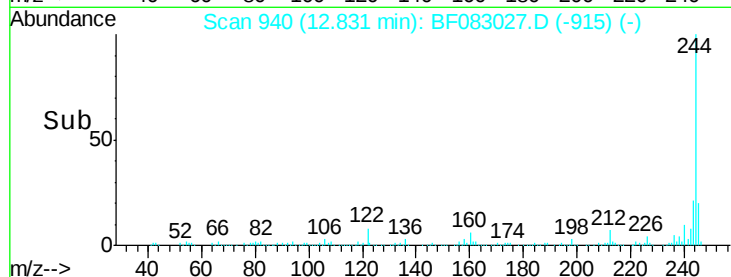
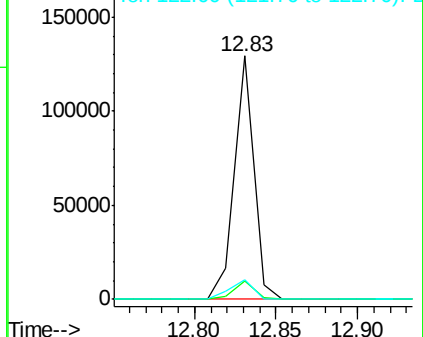
122 8.3 11.3 16.9#



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: 15.27 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF083027.D

Acq: 19 Nov 2015 00:22

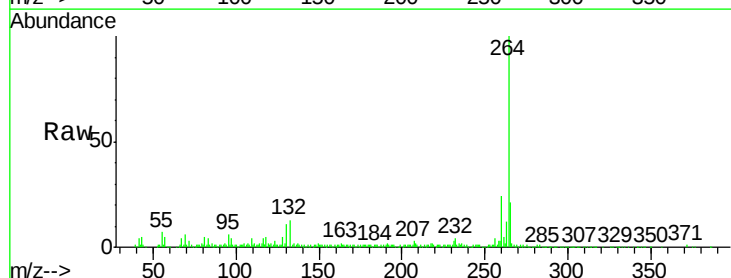
Tgt Ion:264 Resp: 223181

Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.6

265 21.0 17.4 26.0



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

