

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084398.D
 Acq On : 12 Jan 2016 00:27
 Operator : SJ/UM
 Sample : H1074-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-14-010516

Quant Time: Jan 12 06:06:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

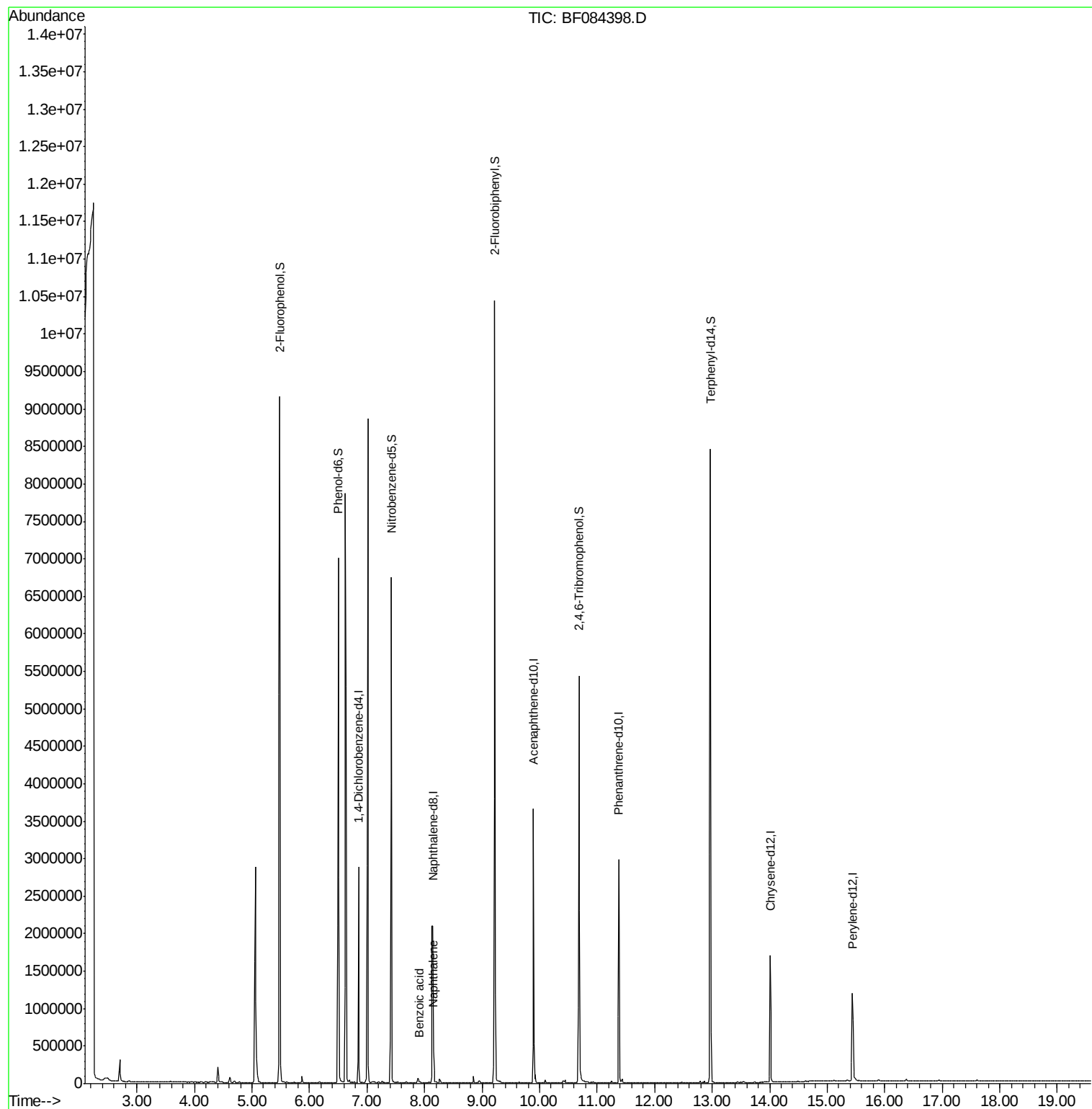
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	374860	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1472201	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	667901	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	1060483	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	682829	20.00	ng	-0.06
86) Perylene-d12	15.44	264	601051	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2748741	118.60	ng	-0.01
7) Phenol-d6	6.50	99	2985863	102.58	ng	-0.03
23) Nitrobenzene-d5	7.42	82	2590818	97.94	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	819978	121.60	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	3365317	88.93	ng	-0.04
78) Terphenyl-d14	12.97	244	2594071	84.80	ng	-0.05
Target Compounds						
31) Naphthalene	8.16	128	186551	2.79	ng	98
32) Benzoic acid	7.92	122	3235	6.43	ng	91

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

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084398.D

Acq: 12 Jan 2016 00:27

Instrument :

BNA_F

ClientSampleId :

HSR-WC-14-010516

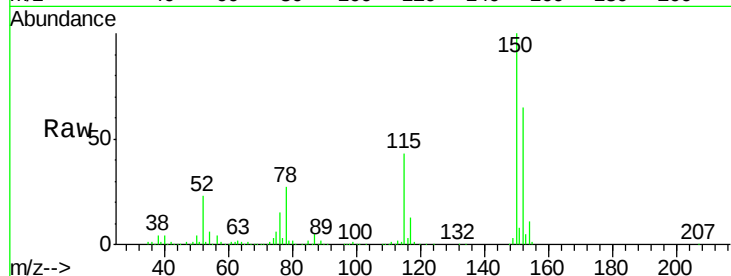
Tgt Ion:152 Resp: 374860

Ion Ratio Lower Upper

152 100

150 154.8 123.0 184.4

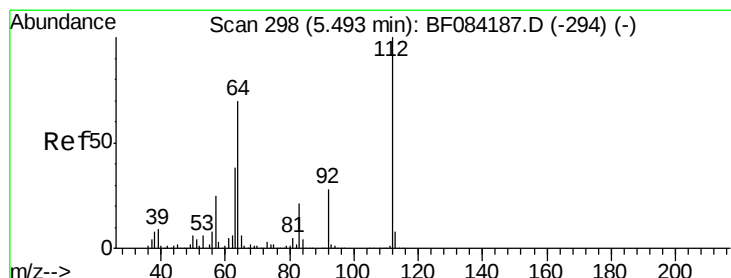
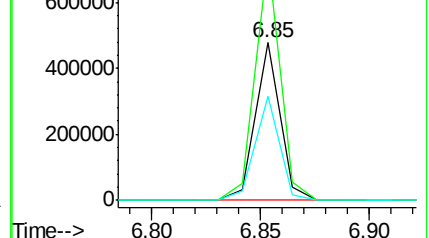
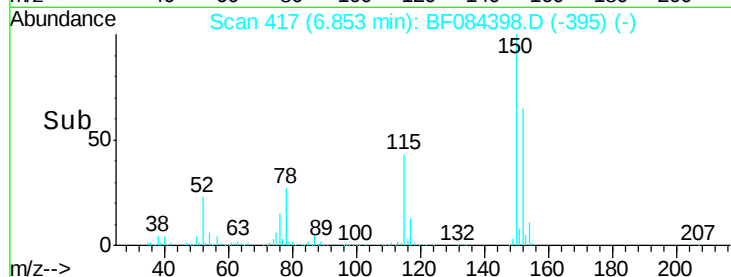
115 66.0 51.4 77.2



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: 118.60 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084398.D

Acq: 12 Jan 2016 00:27

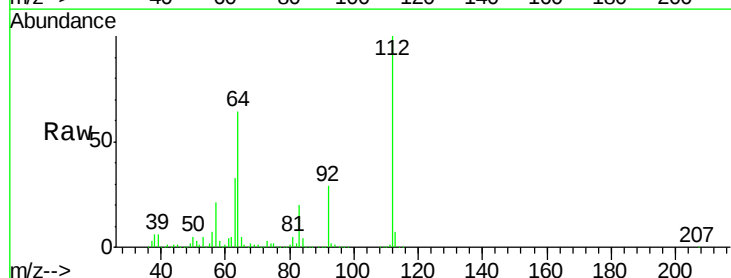
Tgt Ion:112 Resp: 2748741

Ion Ratio Lower Upper

112 100

64 63.7 36.6 55.0#

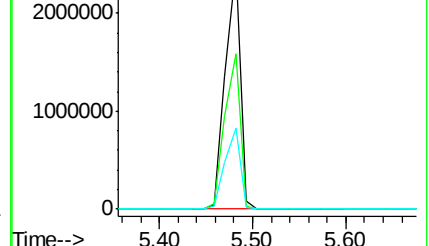
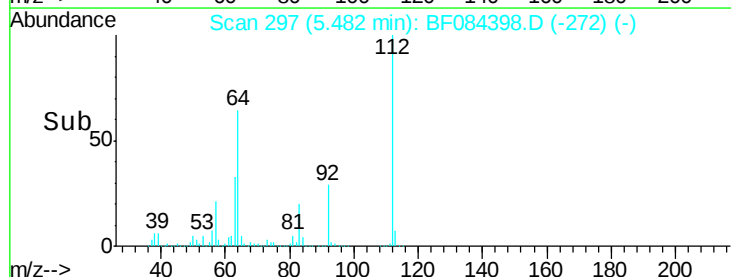
63 33.2 19.4 29.0#

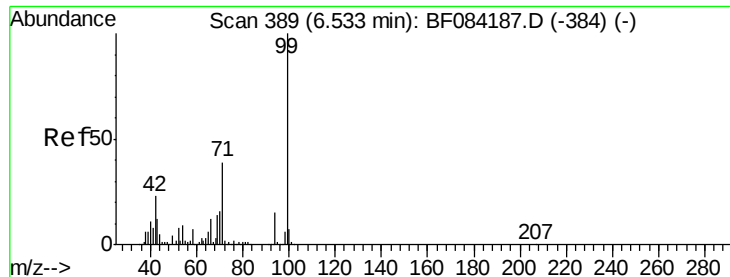


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.58 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084398.D

Acq: 12 Jan 2016 00:27

Instrument :

BNA_F

ClientSampleId :

HSR-WC-14-010516

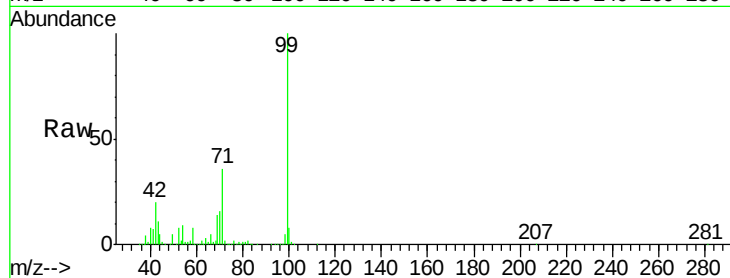
Tgt Ion: 99 Resp: 2985863

Ion Ratio Lower Upper

99 100

42 20.2 12.8 19.2#

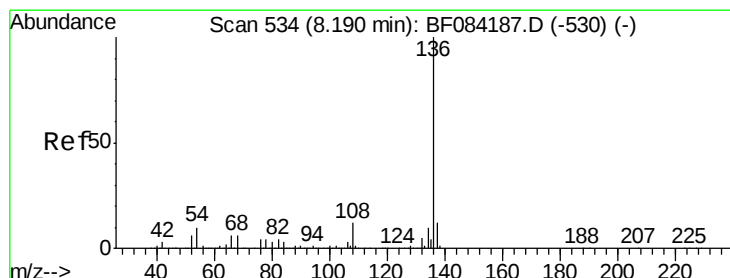
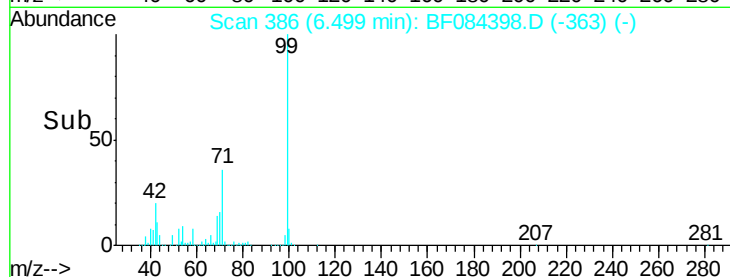
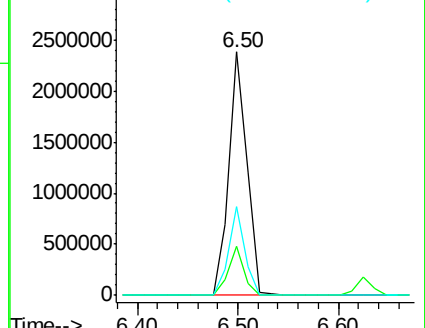
71 36.2 30.9 46.3



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: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084398.D

Acq: 12 Jan 2016 00:27

Tgt Ion: 136 Resp: 1472201

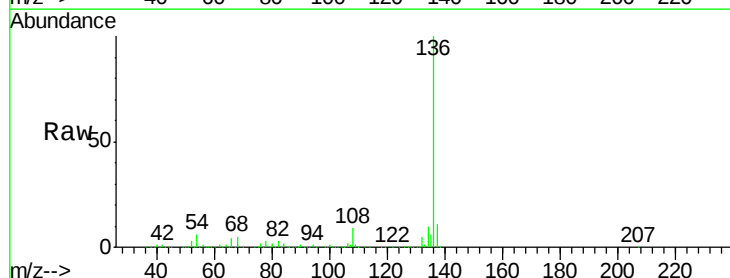
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.2 5.8 8.8

68 4.6 4.2 6.2

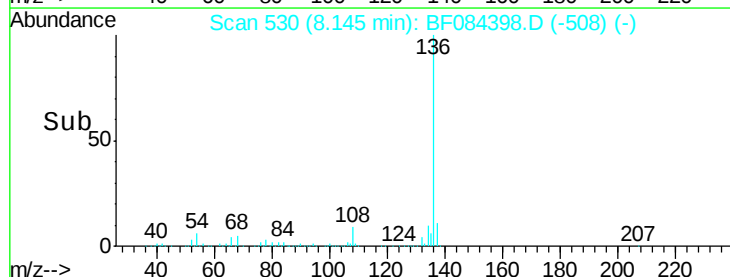
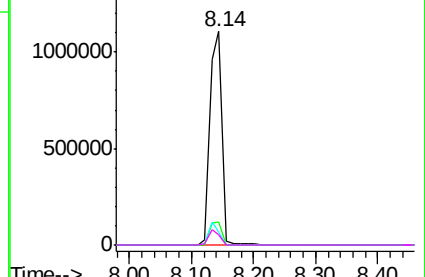


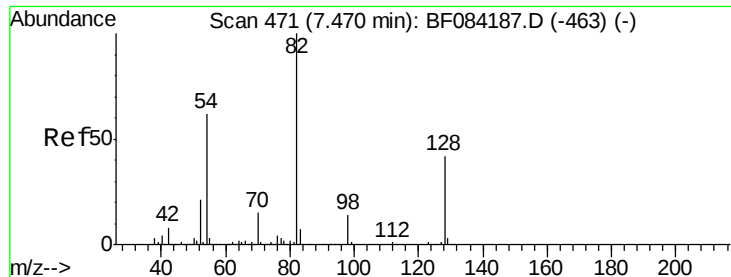
Abundance Ion 136.00 (135.70 to 136.70): E

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

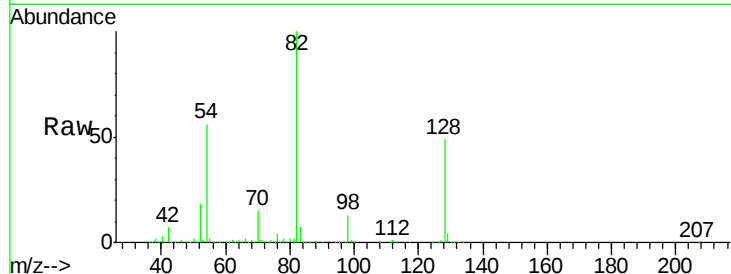




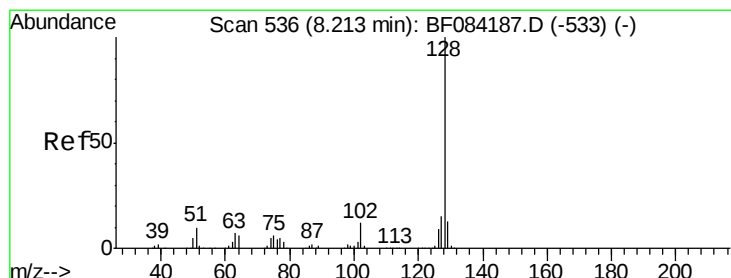
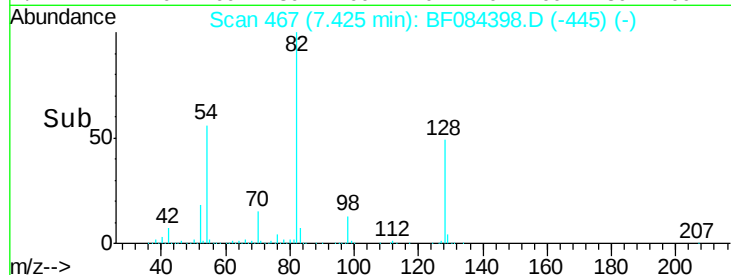
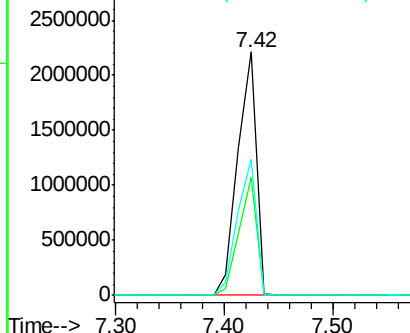
#23
 Nitrobenzene-d5
 Concen: 97.94 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084398.D
 Acq: 12 Jan 2016 00:27

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-14-010516

Tgt Ion: 82 Resp: 2590818
 Ion Ratio Lower Upper
 82 100
 128 48.7 34.6 51.8
 54 55.6 38.4 57.6

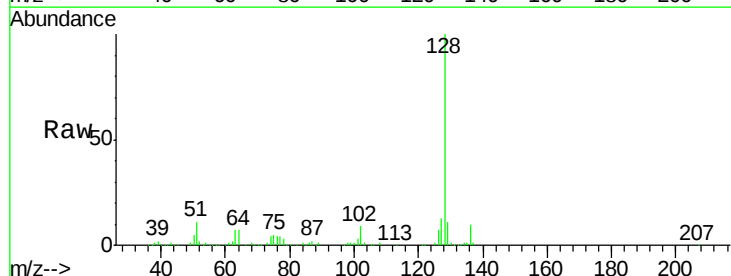


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

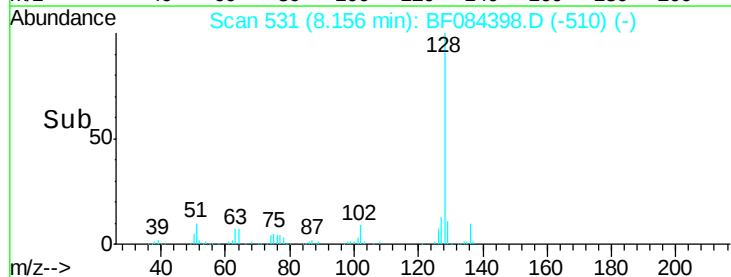
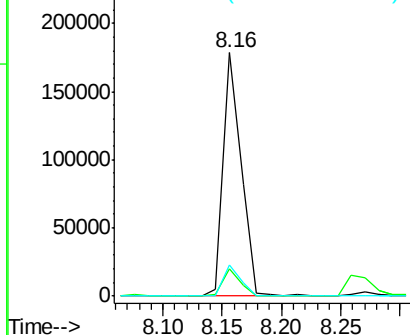


#31
 Naphthalene
 Concen: 2.79 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.06 min
 Lab File: BF084398.D
 Acq: 12 Jan 2016 00:27

Tgt Ion: 128 Resp: 186551
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.1 13.7
 127 12.7 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

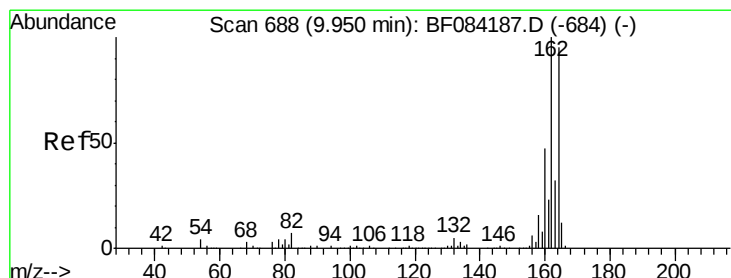
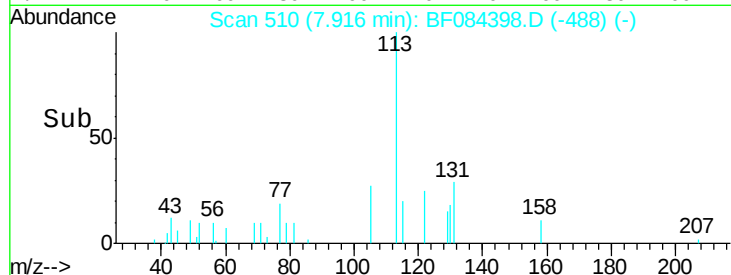
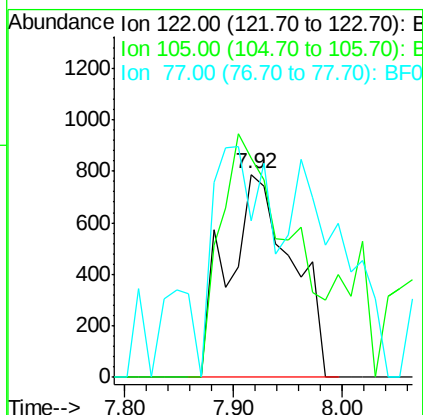
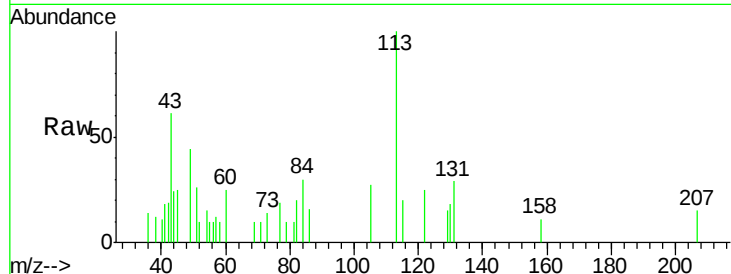




#32
Benzoic acid
Concen: 6.43 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.04 min
Lab File: BF084398.D
Acq: 12 Jan 2016 00:27

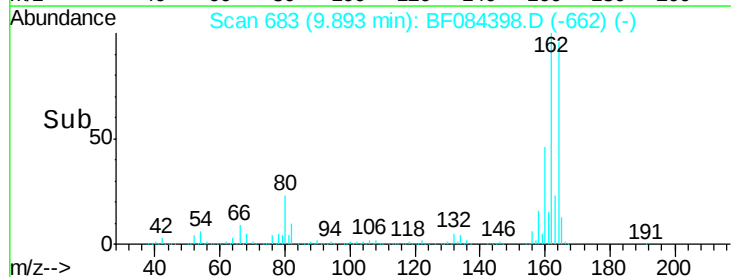
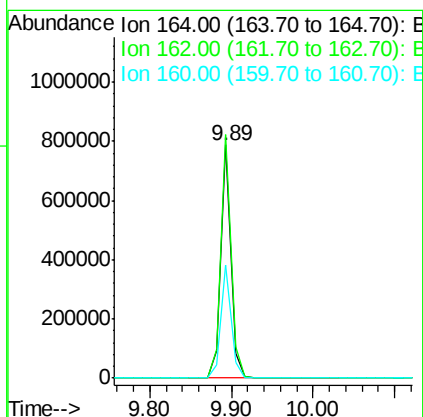
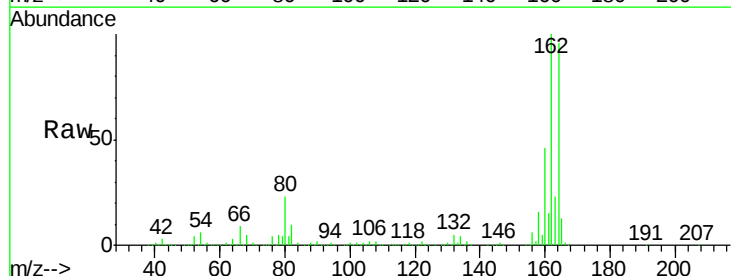
Instrument :
BNA_F
ClientSampleId :
HSR-WC-14-010516

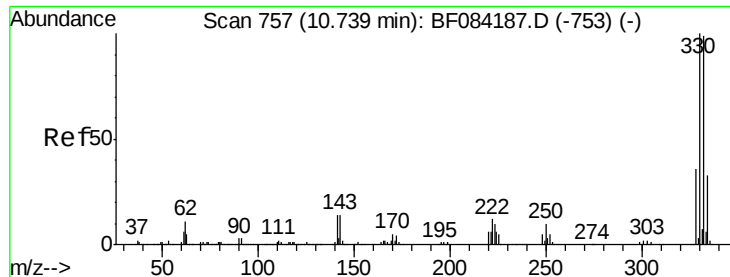
Tgt Ion:122 Resp: 3235
Ion Ratio Lower Upper
122 100
105 108.3 100.3 140.3
77 77.0 63.5 103.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF084398.D
Acq: 12 Jan 2016 00:27

Tgt Ion:164 Resp: 667901
Ion Ratio Lower Upper
164 100
162 104.4 85.1 127.7
160 48.3 37.5 56.3

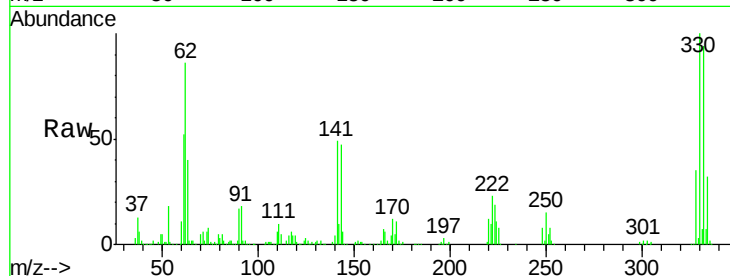




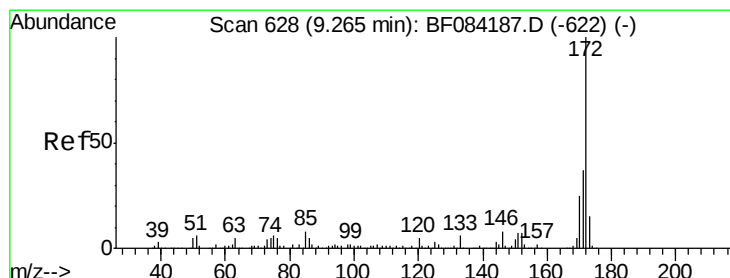
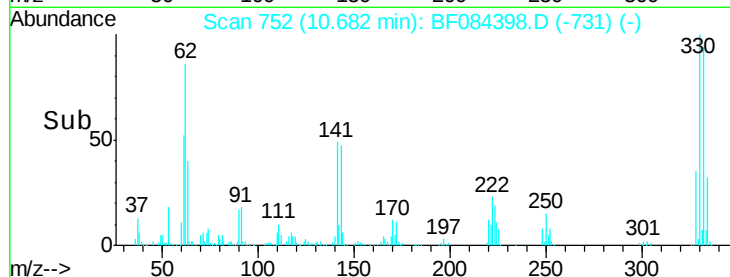
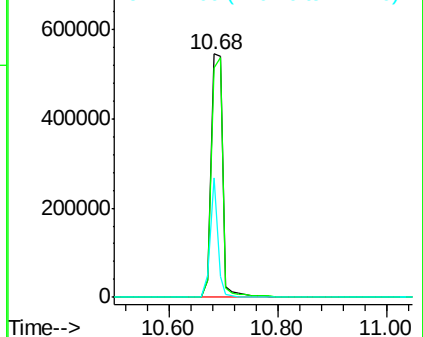
#41
 2,4,6-Tribromophenol
 Concen: 121.60 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.06 min
 Lab File: BF084398.D
 Acq: 12 Jan 2016 00:27

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-14-010516

Tgt Ion:330 Resp: 819978
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 32.5 27.8 41.6

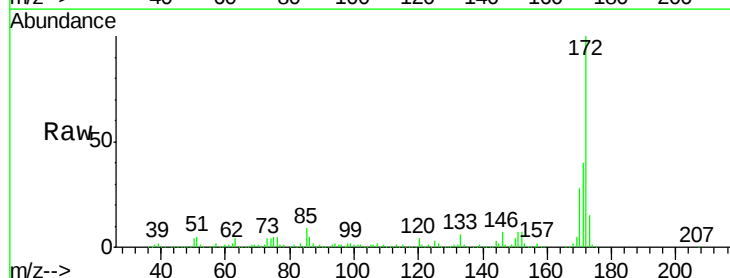


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

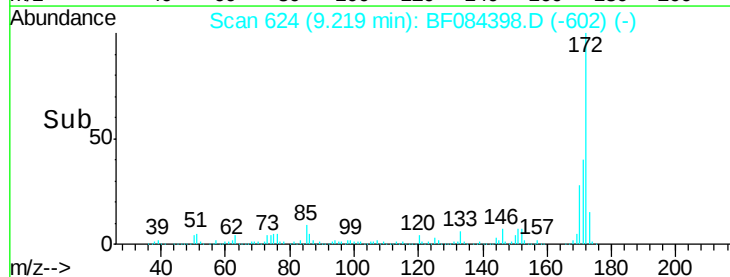
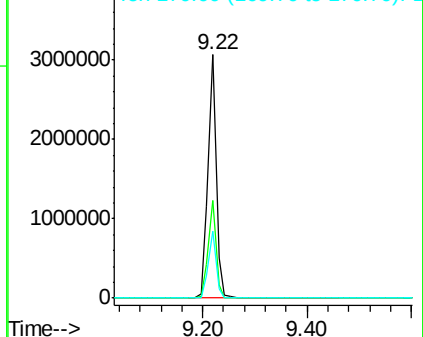


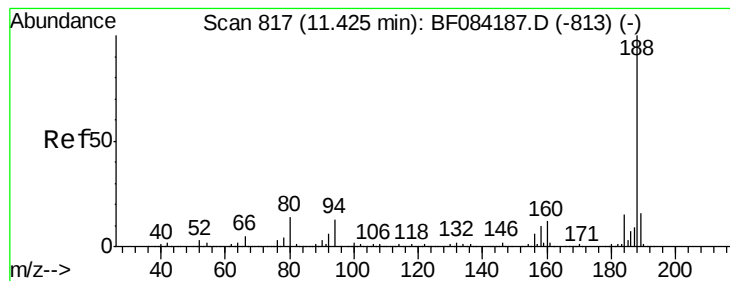
#44
 2-Fluorobiphenyl
 Concen: 88.93 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.04 min
 Lab File: BF084398.D
 Acq: 12 Jan 2016 00:27

Tgt Ion:172 Resp: 3365317
 Ion Ratio Lower Upper
 172 100
 171 40.4 28.9 43.3
 170 27.6 18.6 27.8



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: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084398.D

Acq: 12 Jan 2016 00:27

Instrument :

BNA_F

ClientSampleId :

HSR-WC-14-010516

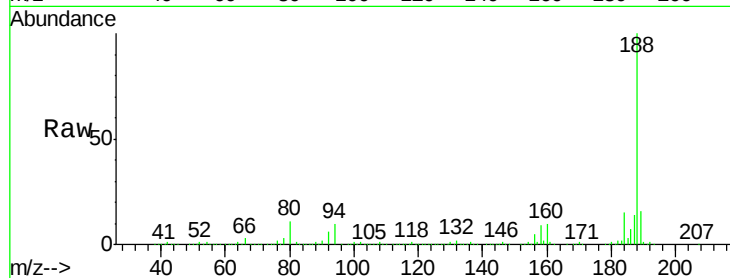
Tgt Ion:188 Resp: 1060483

Ion Ratio Lower Upper

188 100

94 10.4 9.0 13.4

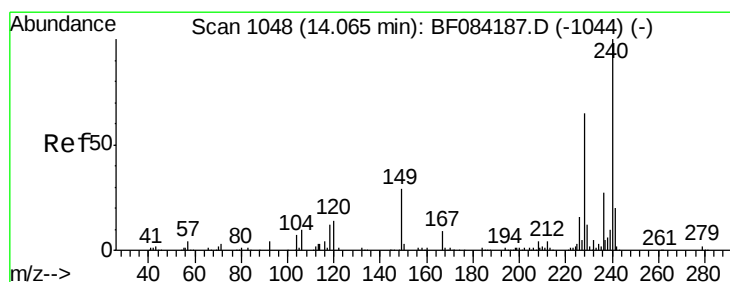
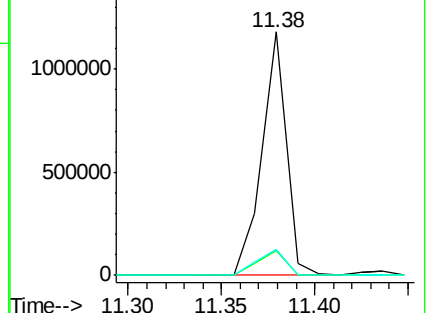
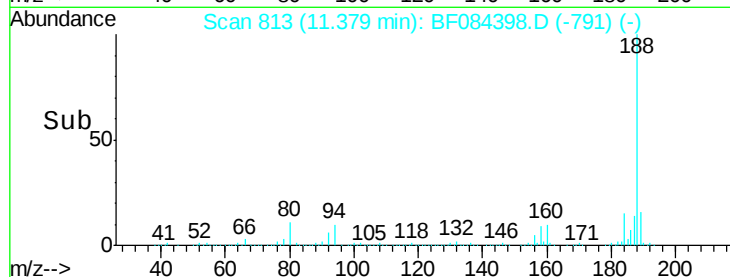
80 10.8 9.6 14.4



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: 14.01 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF084398.D

Acq: 12 Jan 2016 00:27

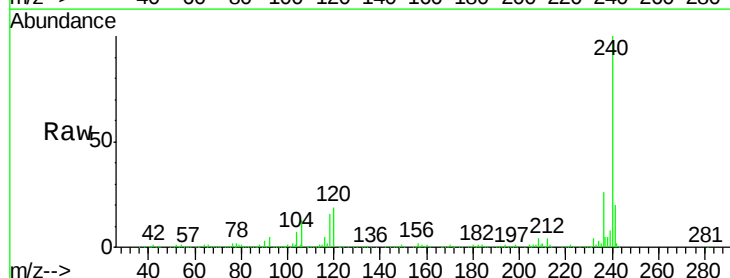
Tgt Ion:240 Resp: 682829

Ion Ratio Lower Upper

240 100

120 19.0 9.5 14.3#

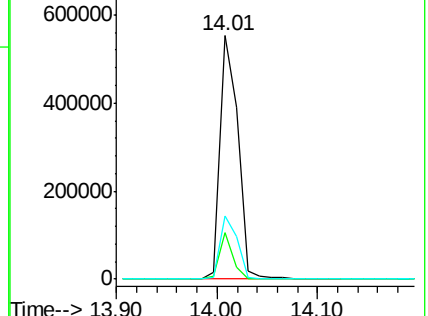
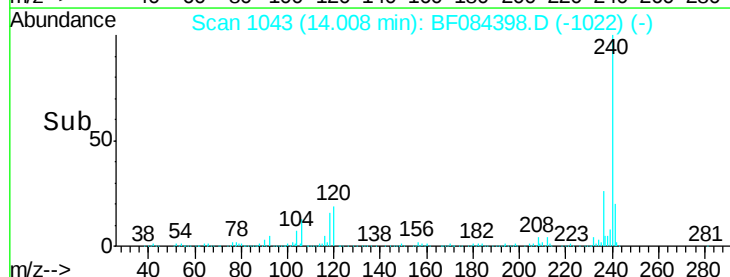
236 26.1 20.6 31.0

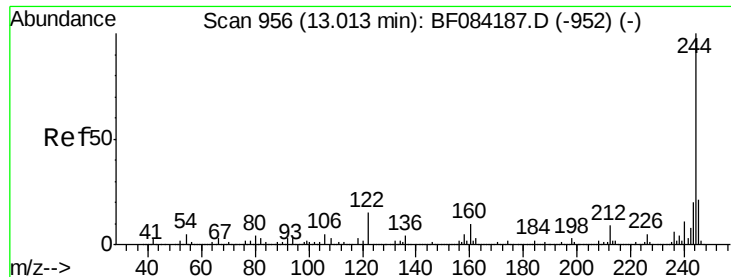


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.80 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084398.D

Acq: 12 Jan 2016 00:27

Instrument :

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ClientSampleId :

HSR-WC-14-010516

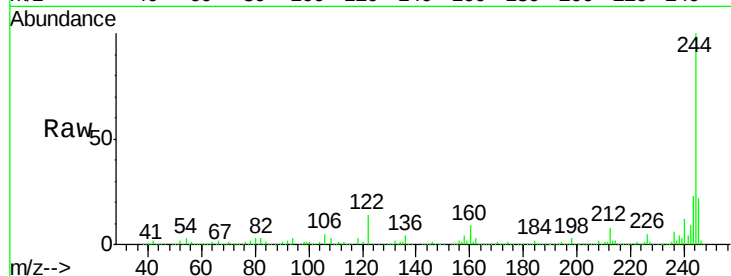
Tgt Ion:244 Resp: 2594071

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

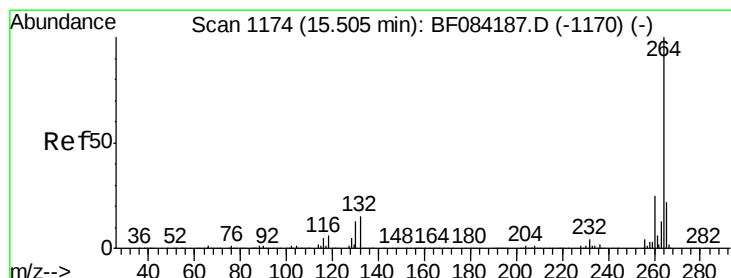
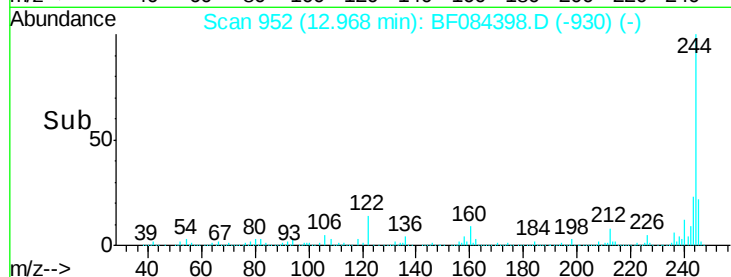
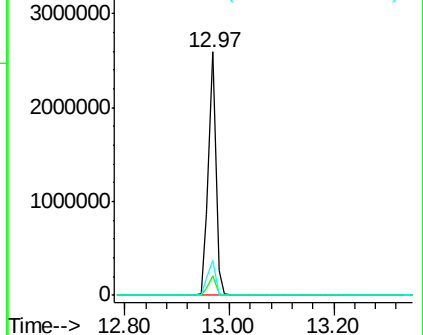
122 14.4 7.4 11.0#



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: 15.44 min Scan# 1168

Delta R.T. -0.07 min

Lab File: BF084398.D

Acq: 12 Jan 2016 00:27

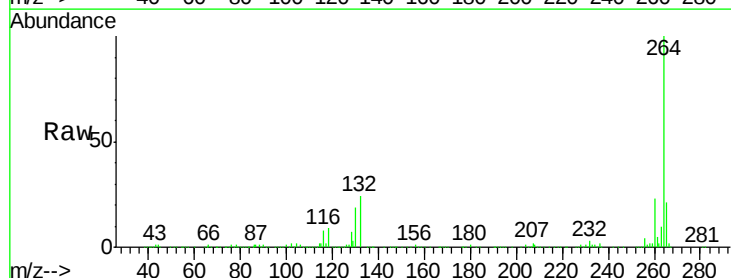
Tgt Ion:264 Resp: 601051

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 21.4 17.8 26.6



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

