

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
 Data File : BF079563.D
 Acq On : 29 May 2015 16:33
 Operator : TP/IZ
 Sample : PB83635BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83635BL

Quant Time: May 29 23:36:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 23:13:06 2015
 Response via : Initial Calibration

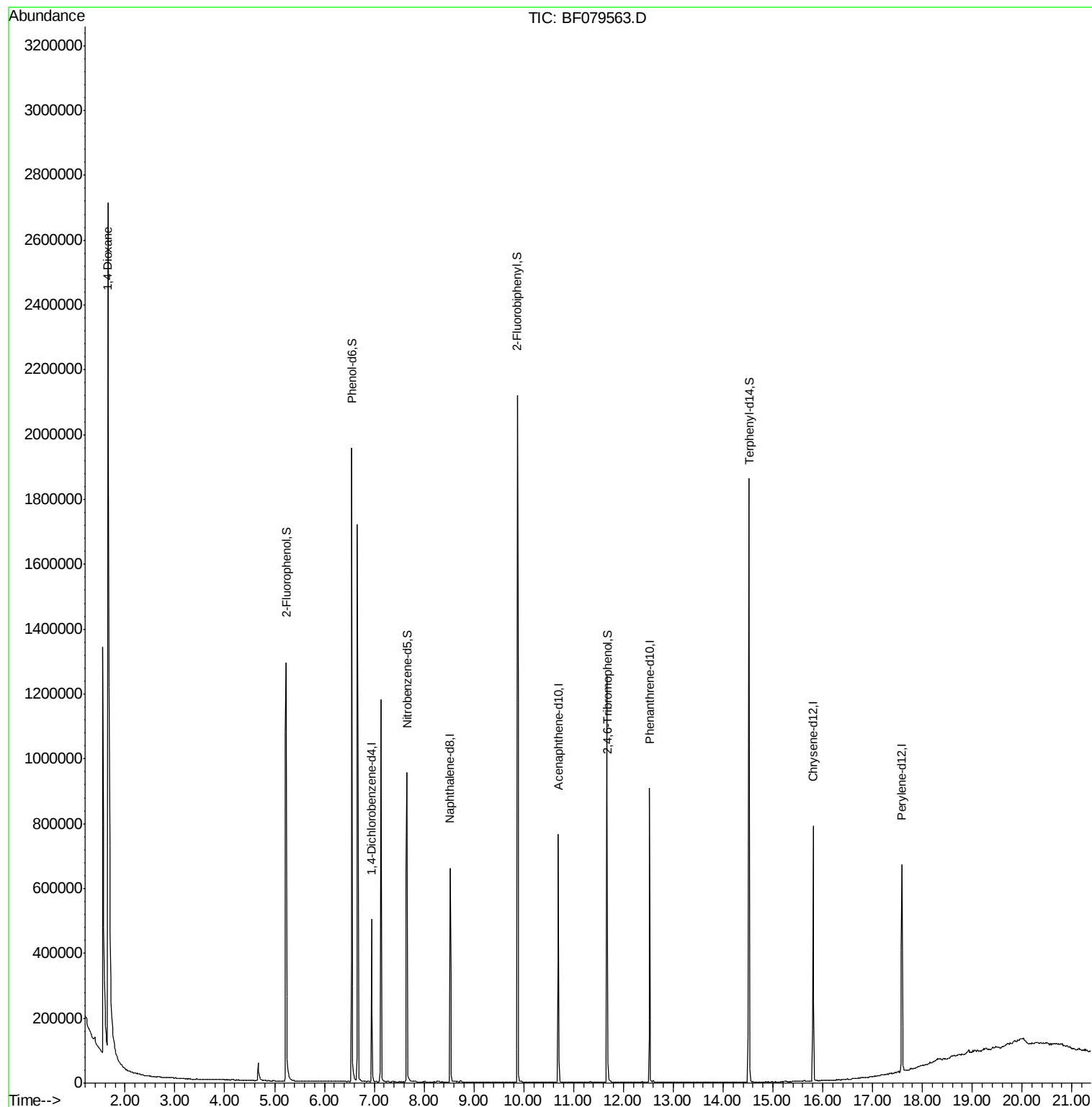
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	92195	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	367830	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	181904	20.00	ng	0.00
63) Phenanthrene-d10	12.53	188	346253	20.00	ng	0.00
75) Chrysene-d12	15.81	240	318898	20.00	ng	-0.07
86) Perylene-d12	17.59	264	314989	20.00	ng	-0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	585558	110.16	ng	0.00
7) Phenol-d6	6.55	99	721181	106.45	ng	0.00
23) Nitrobenzene-d5	7.66	82	411250	64.63	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	223439	111.83	ng	0.00
44) 2-Fluorobiphenyl	9.87	172	836409	65.60	ng	-0.01
78) Terphenyl-d14	14.53	244	948512	69.80	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.66	88	136087	53.82	ng	# 100
73) Di-n-butylphthalate	13.29	149	212	Below	Cal	# 78
89) Benzo(a)pyrene	17.52	252	1565	Below	Cal	# 74
90) Dibenzo(a,h)anthracene	18.93	278	5078	Below	Cal	# 79
91) Benzo(g,h,i)perylene	19.28	276	3424	Below	Cal	# 81

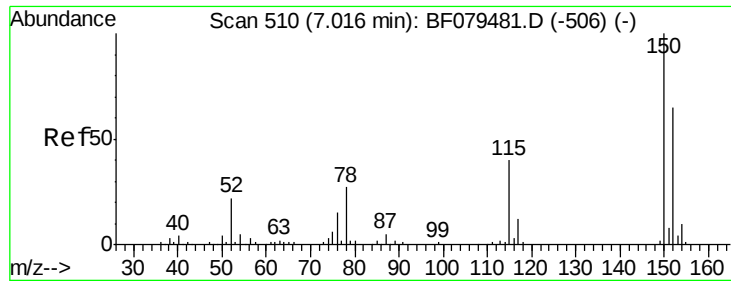
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF079563.D

Acq: 29 May 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB83635BL

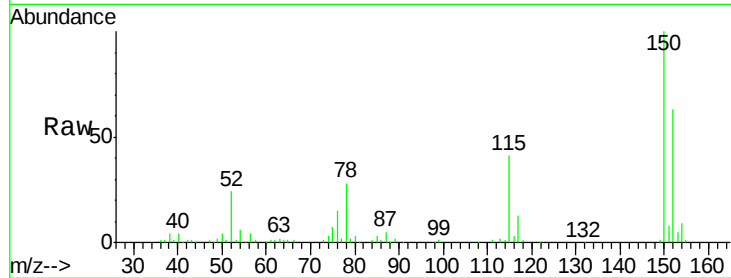
Tgt Ion:152 Resp: 92195

Ion Ratio Lower Upper

152 100

150 158.0 124.0 186.0

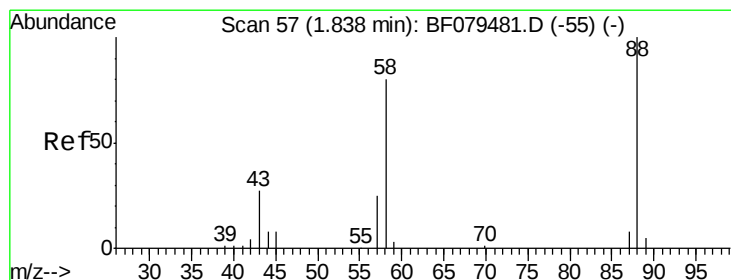
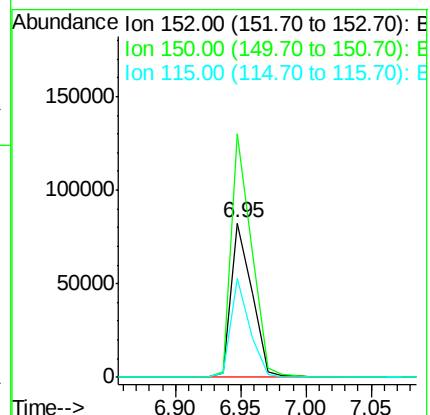
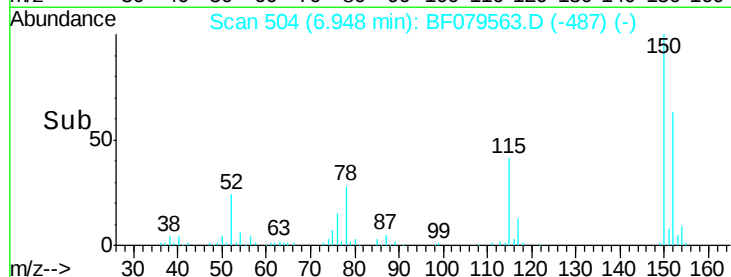
115 64.3 49.6 74.4



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



#2

1,4-Dioxane

Concen: 53.82 ng

RT: 1.66 min Scan# 41

Delta R.T. -0.11 min

Lab File: BF079563.D

Acq: 29 May 2015 16:33

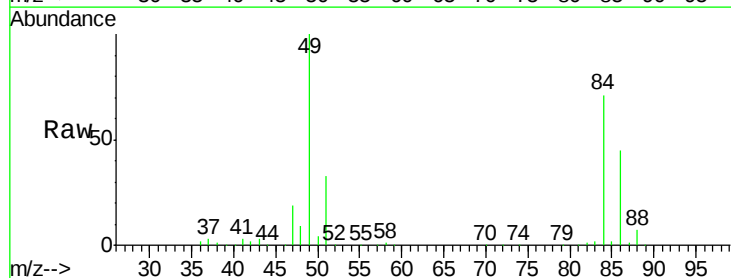
Tgt Ion: 88 Resp: 136087

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

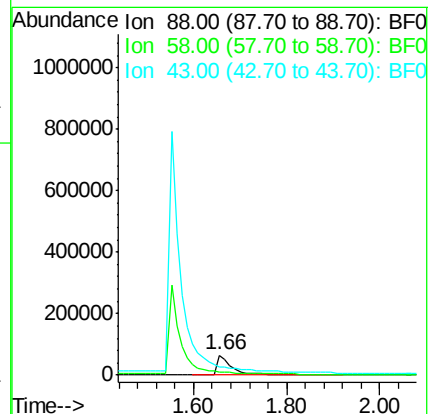
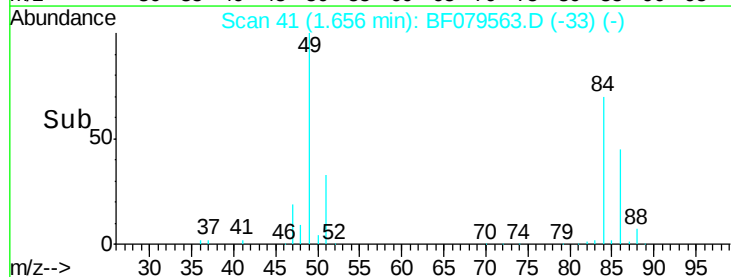
43 0.0 0.0 0.0

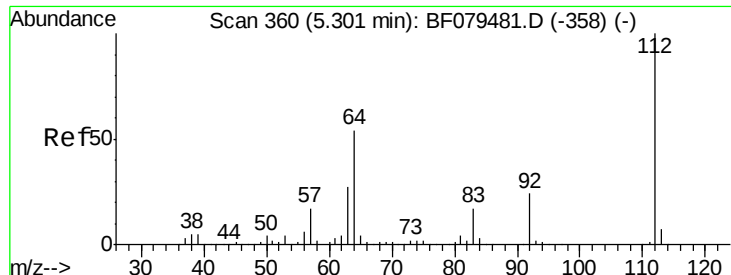


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

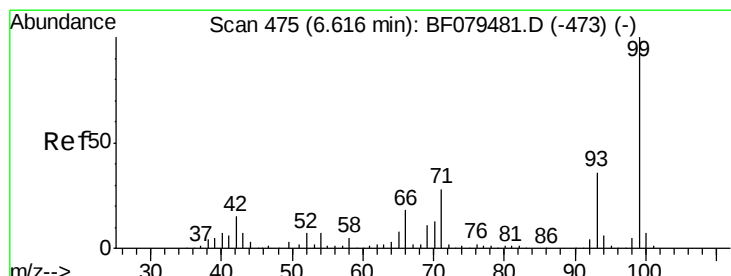
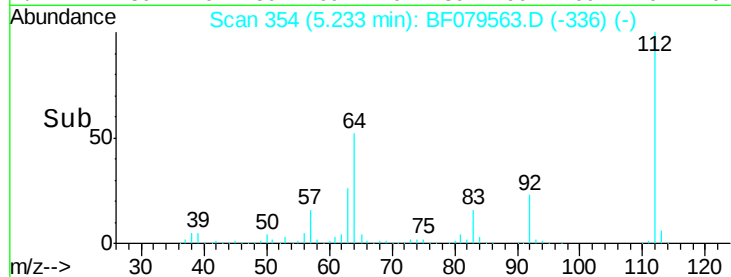
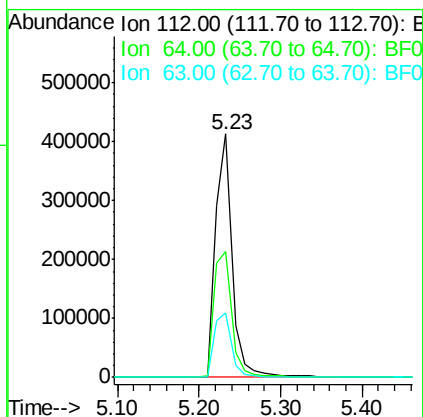
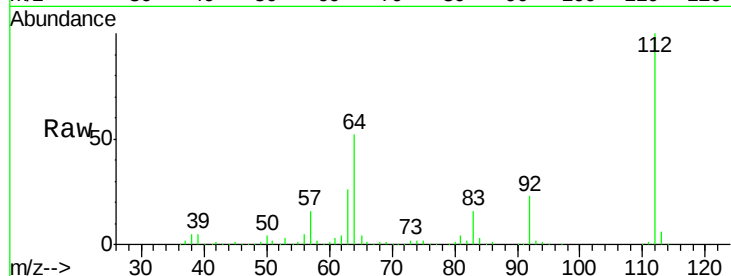




#5
 2-Fluorophenol
 Concen: 110.16 ng
 RT: 5.23 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: BF079563.D
 Acq: 29 May 2015 16:33

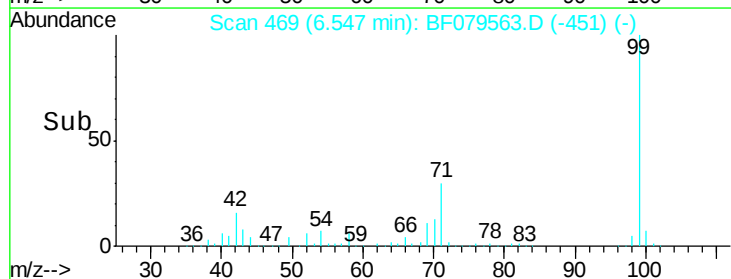
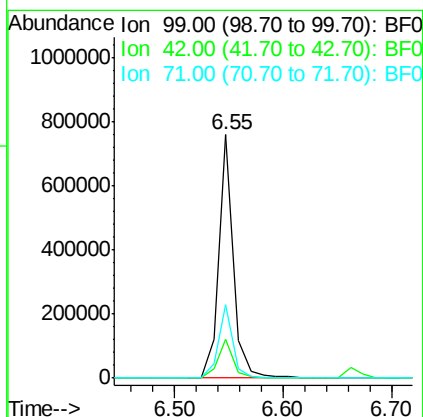
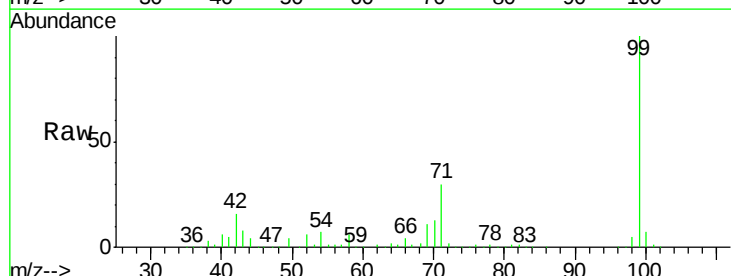
Instrument :
 BNA_F
 ClientSampleID :
 PB83635BL

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.8	43.5	65.3
63	26.5	21.8	32.8



#7
 Phenol-d6
 Concen: 106.45 ng
 RT: 6.55 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF079563.D
 Acq: 29 May 2015 16:33

Tgt Ion	Ratio	Lower	Upper
99	100		
42	16.0	11.9	17.9
71	29.9	22.1	33.1

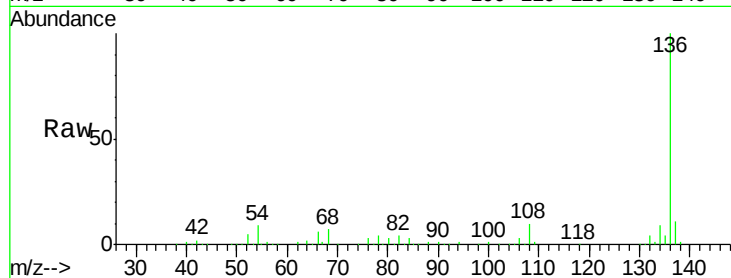




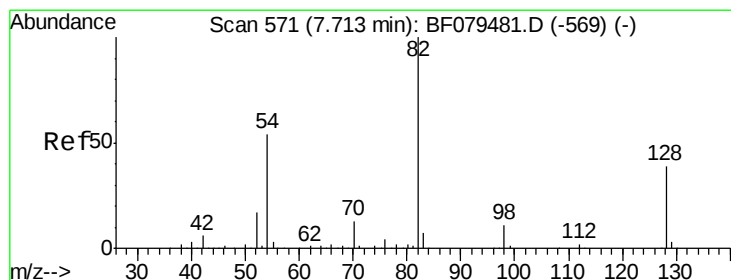
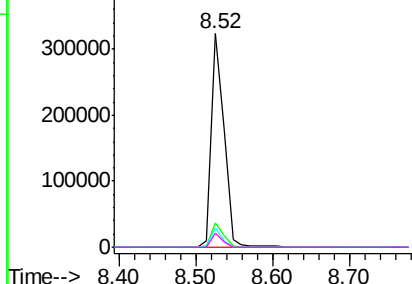
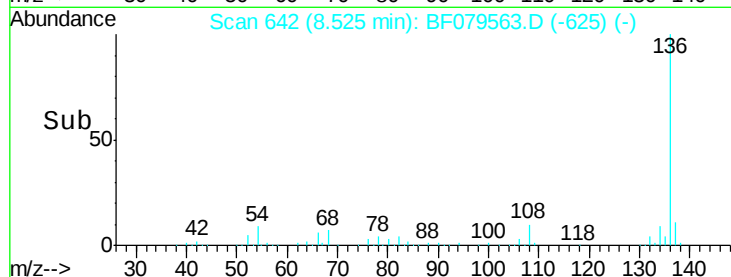
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF079563.D
Acq: 29 May 2015 16:33

Instrument :
BNA_F
ClientSampleId :
PB83635BL

Tgt Ion:	136	Resp:	367830
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	9.1	6.6	9.8
68	6.7	4.7	7.1

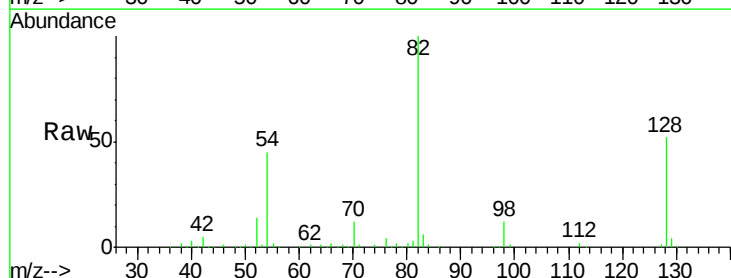


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

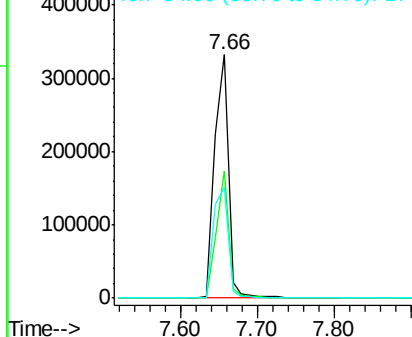
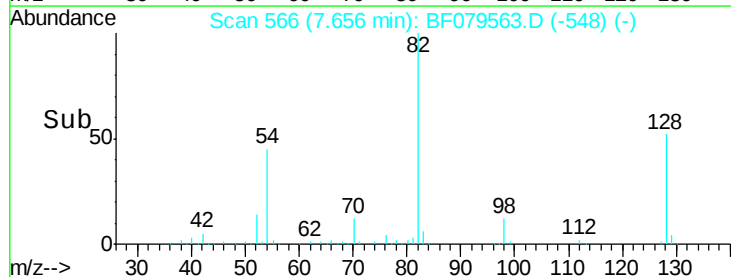


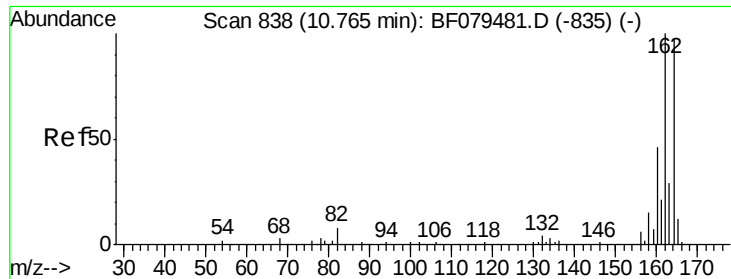
#23
Nitrobenzene-d5
Concen: 64.63 ng
RT: 7.66 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF079563.D
Acq: 29 May 2015 16:33

Tgt Ion:	82	Resp:	411250
Ion	Ratio	Lower	Upper
82	100		
128	52.5	30.8	46.2#
54	45.2	42.8	64.2



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

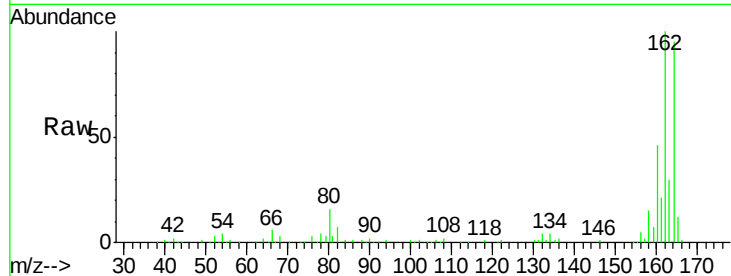




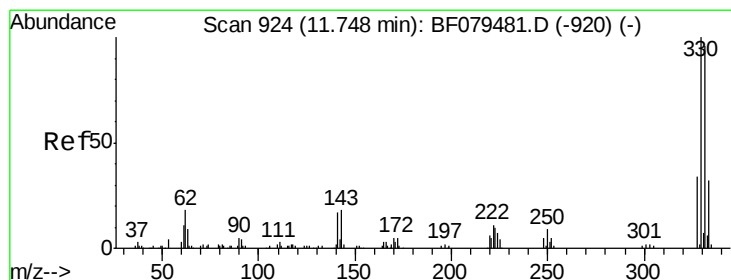
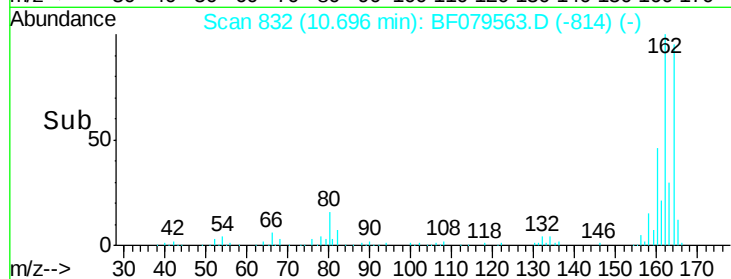
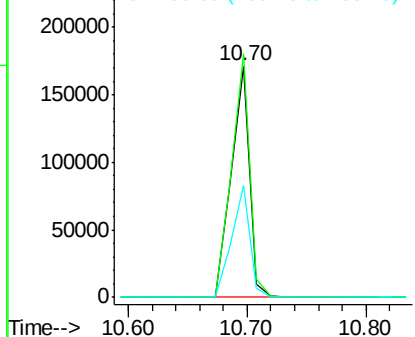
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.70 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF079563.D
 Acq: 29 May 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB83635BL

Tgt Ion:164 Resp: 181904
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.6 124.0
 160 48.3 37.7 56.5

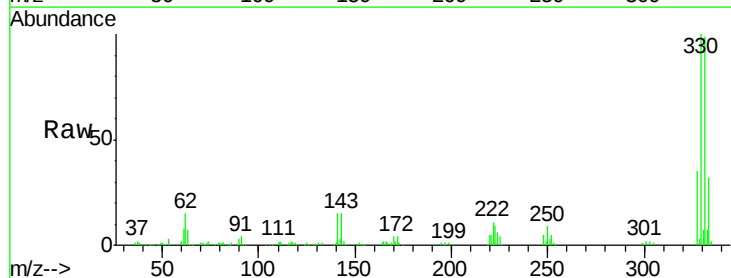


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

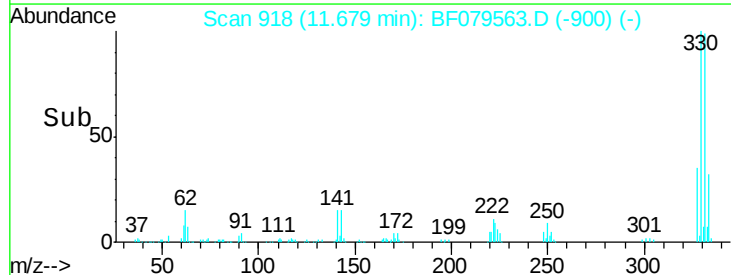
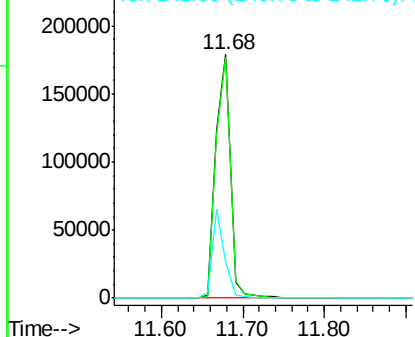


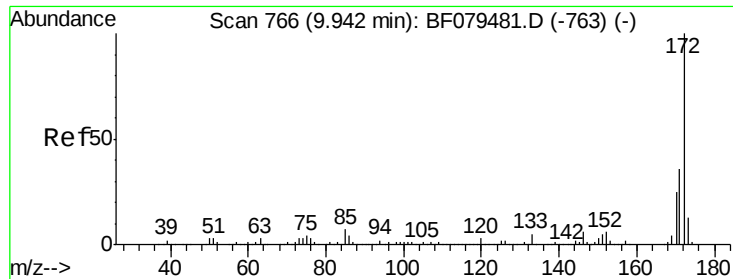
#41
 2,4,6-Tribromophenol
 Concen: 111.83 ng
 RT: 11.68 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: BF079563.D
 Acq: 29 May 2015 16:33

Tgt Ion:330 Resp: 223439
 Ion Ratio Lower Upper
 330 100
 332 98.5 0.0 0.0#
 141 30.6 0.0 0.0#



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

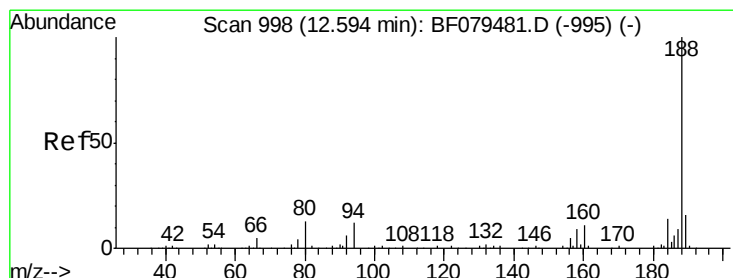
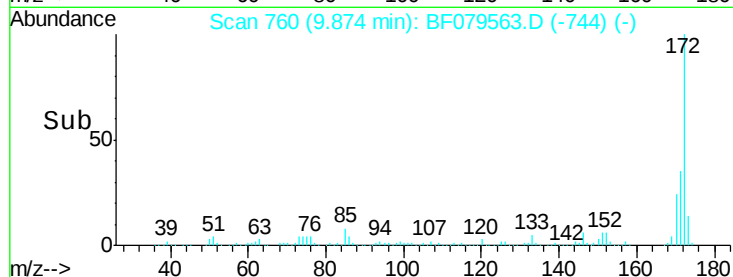
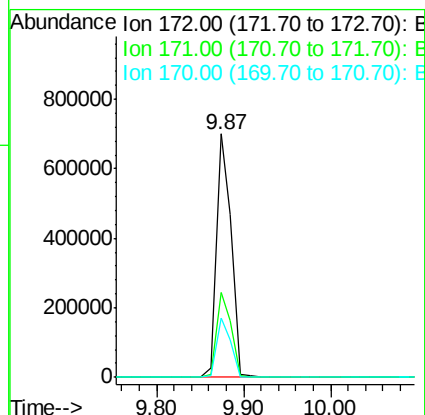
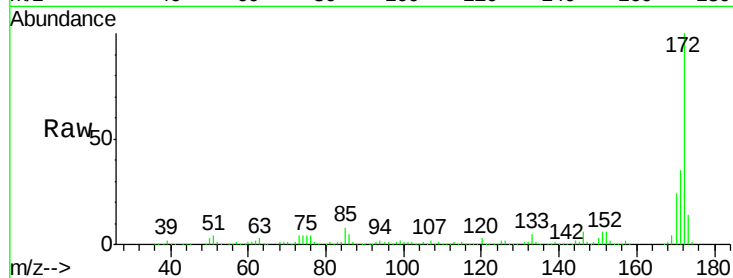




#44
 2-Fluorobiphenyl
 Concen: 65.60 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF079563.D
 Acq: 29 May 2015 16:33

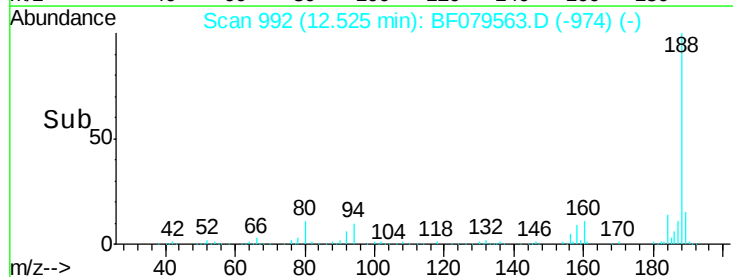
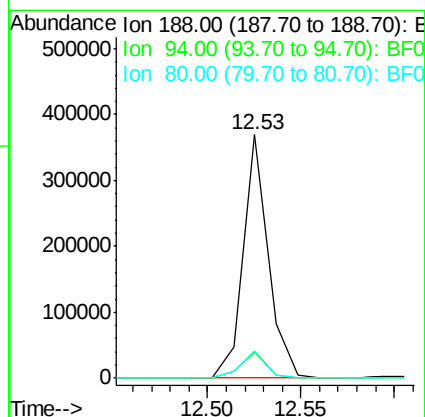
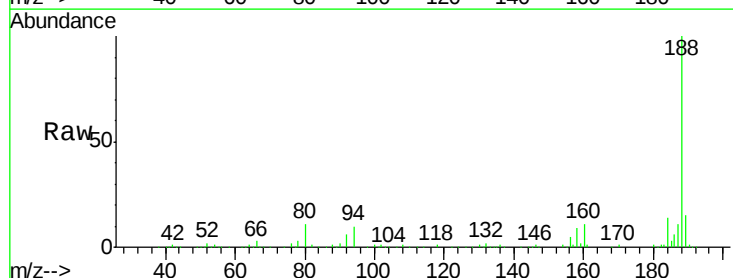
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 BNA_F
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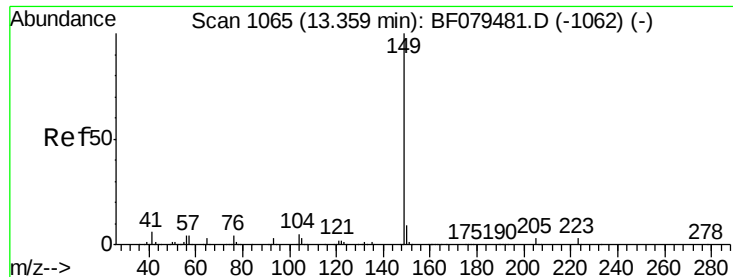
Tgt Ion:172 Resp: 836409
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 24.3 19.7 29.5



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.53 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF079563.D
 Acq: 29 May 2015 16:33

Tgt Ion:188 Resp: 346253
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.8 14.6
 80 11.1 10.5 15.7





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 13.29 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF079563.D

Acq: 29 May 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB83635BL

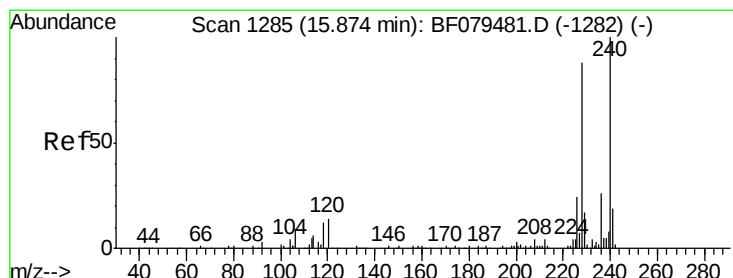
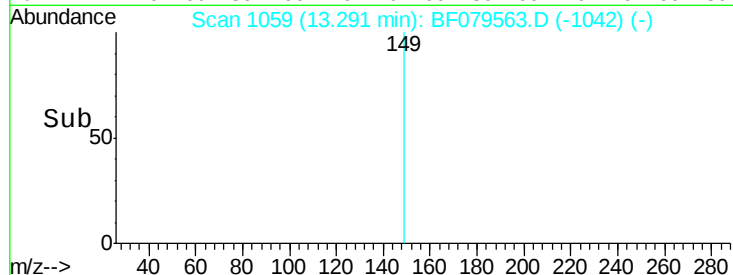
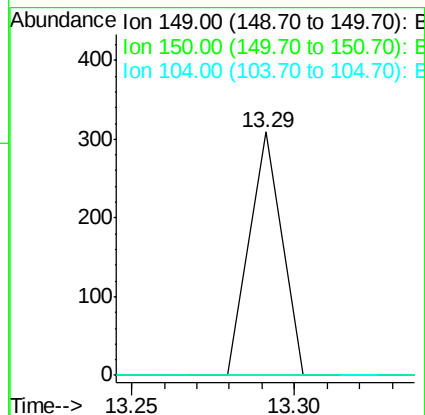
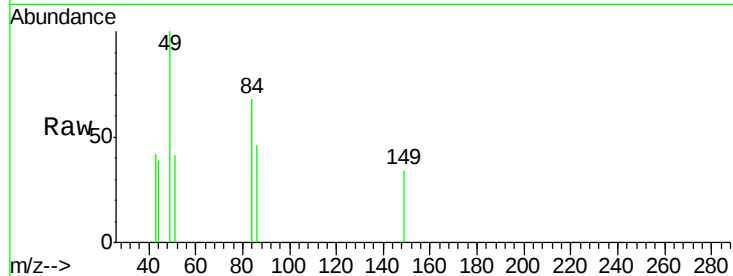
Tgt Ion:149 Resp: 212

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

104 0.0 3.6 5.4#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.81 min Scan# 1279

Delta R.T. -0.07 min

Lab File: BF079563.D

Acq: 29 May 2015 16:33

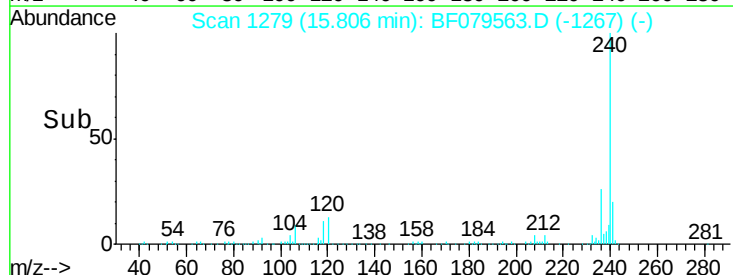
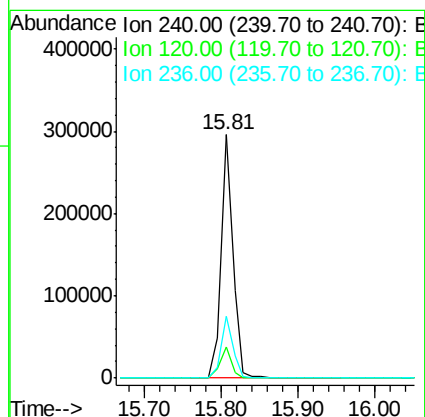
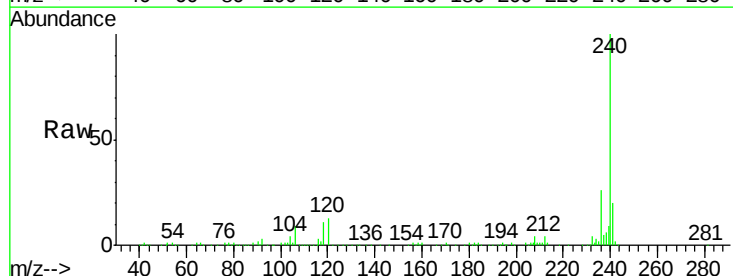
Tgt Ion:240 Resp: 318898

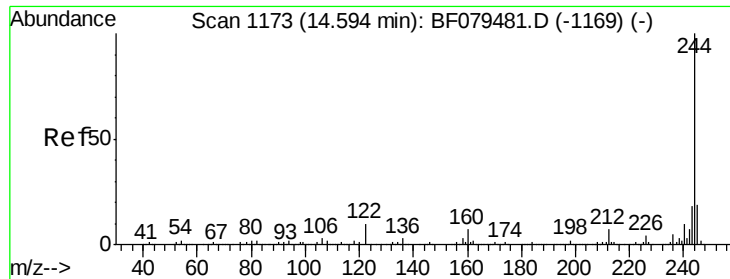
Ion Ratio Lower Upper

240 100

120 12.5 10.8 16.2

236 25.6 21.0 31.6





#78

Terphenyl-d14

Concen: 69.80 ng

RT: 14.53 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF079563.D

Acq: 29 May 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB83635BL

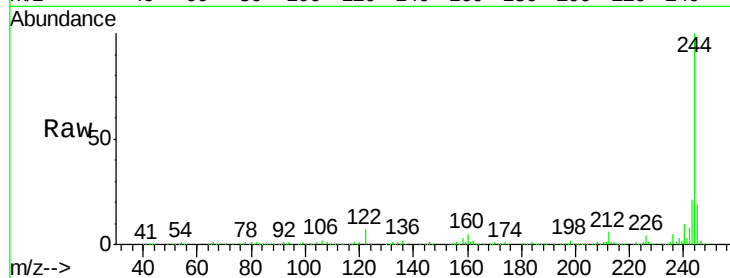
Tgt Ion:244 Resp: 948512

Ion Ratio Lower Upper

244 100

212 6.0 5.2 7.8

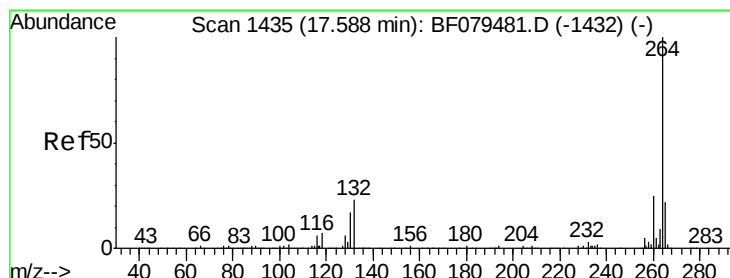
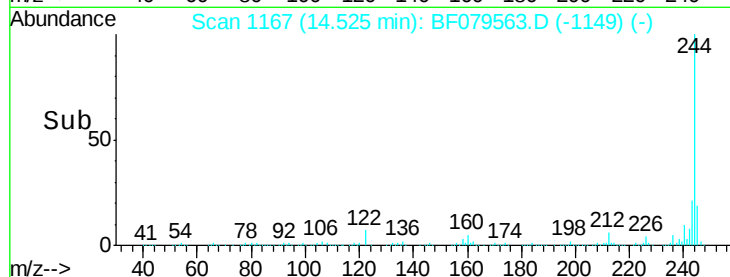
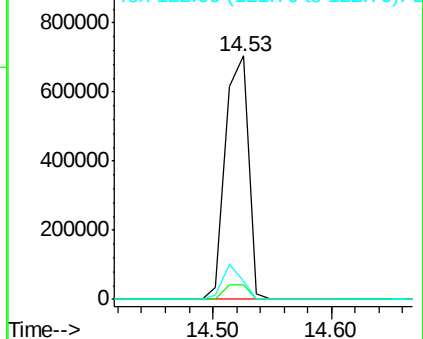
122 7.3 8.0 12.0#



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: 17.59 min Scan# 1435

Delta R.T. -0.22 min

Lab File: BF079563.D

Acq: 29 May 2015 16:33

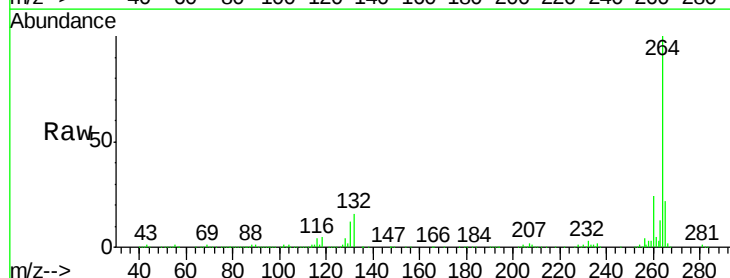
Tgt Ion:264 Resp: 314989

Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.8

265 21.7 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

