

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
 Data File : BF088468.D
 Acq On : 27 Jun 2016 23:19
 Operator : UM/SJ
 Sample : H3630-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224

Quant Time: Jun 28 14:19:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 19:14:18 2016
 Response via : Initial Calibration

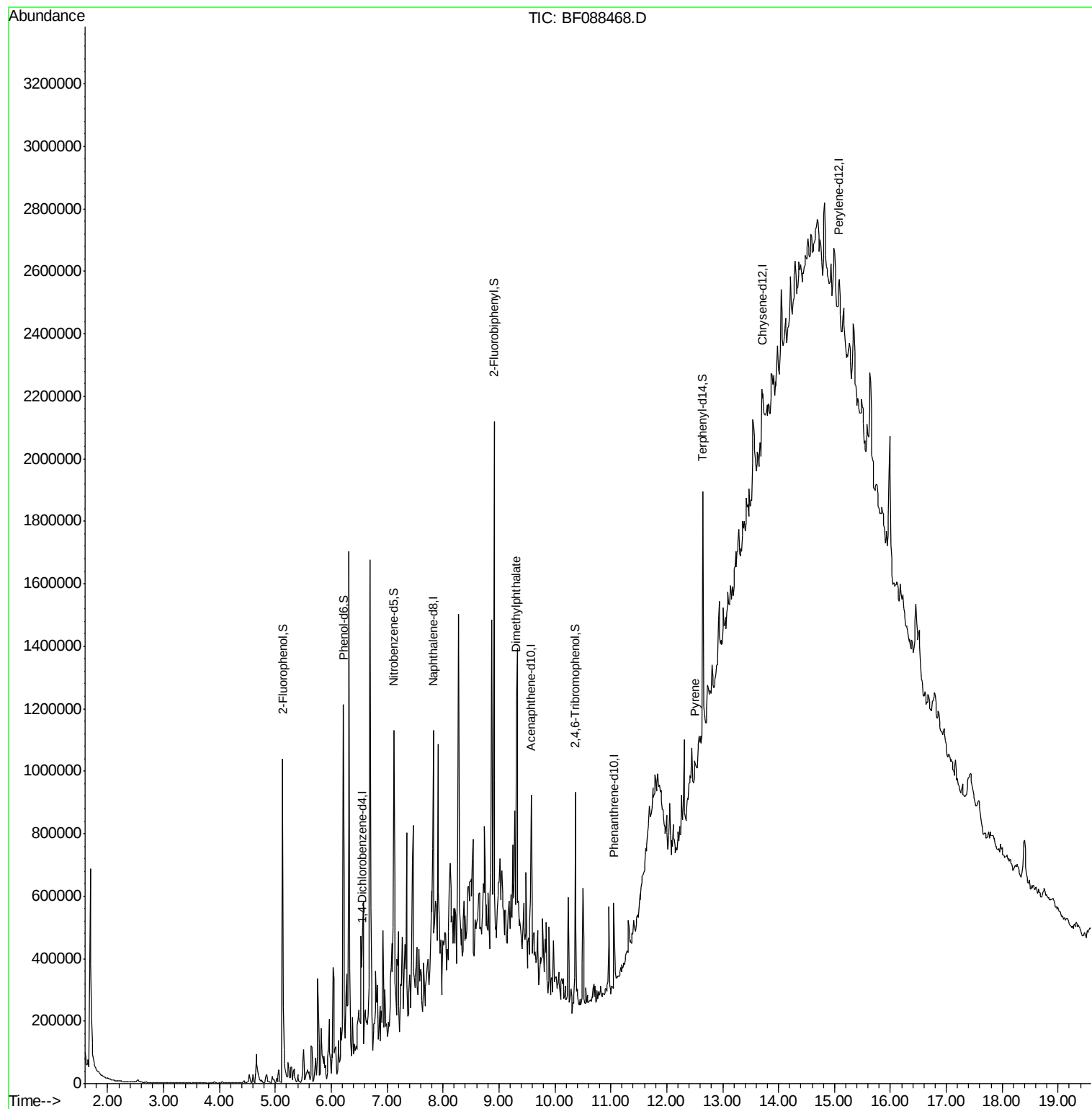
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	62103	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	225306	20.00	ng	-0.01
38) Acenaphthene-d10	9.58	164	91927	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	149004	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	100505	20.00	ng	0.01
86) Perylene-d12	15.09	264	81913	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	565673	155.72	ng	0.00
7) Phenol-d6	6.22	99	625367	142.05	ng	-0.02
23) Nitrobenzene-d5	7.12	82	388487	100.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	105980	109.18	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	611575	105.87	ng	-0.01
78) Terphenyl-d14	12.64	244	390907	88.51	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.31	163	108058	16.23	ng	99
77) Pyrene	12.50	202	19561	2.62	ng	# 84

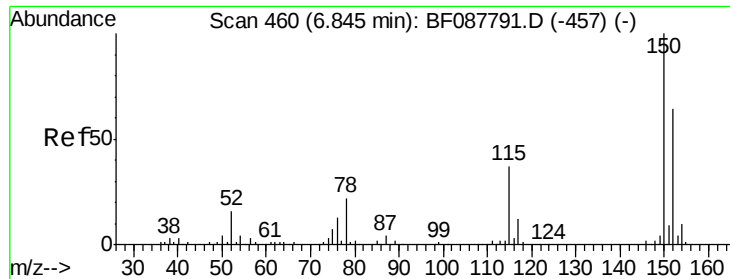
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF088468.D

Acq: 27 Jun 2016 23:19

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224

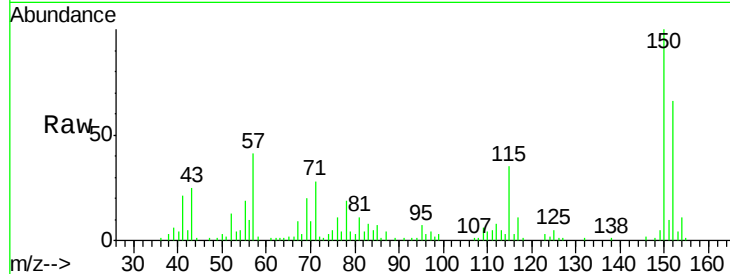
Tot Ion:152 Resp: 62103

Ion Ratio Lower Upper

152 100

150 152.1 123.8 185.6

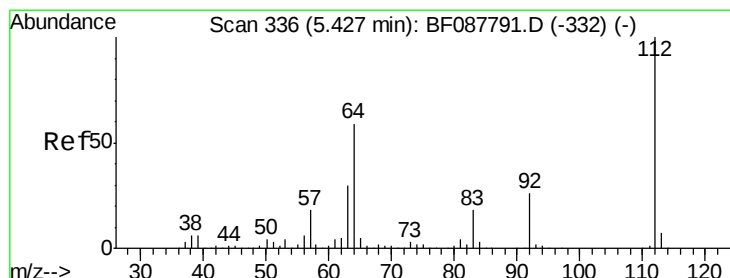
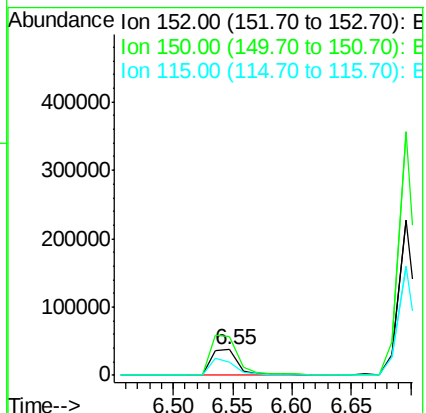
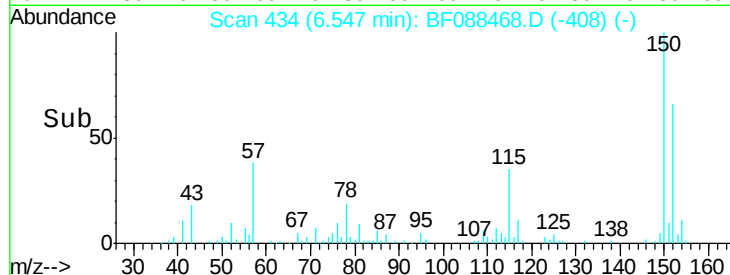
115 52.9 39.6 59.4



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



#5

2-Fluorophenol

Concen: 155.72 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.00 min

Lab File: BF088468.D

Acq: 27 Jun 2016 23:19

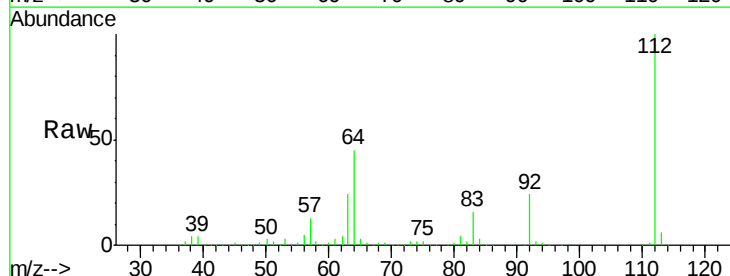
Tgt Ion:112 Resp: 565673

Ion Ratio Lower Upper

112 100

64 45.2 42.2 63.2

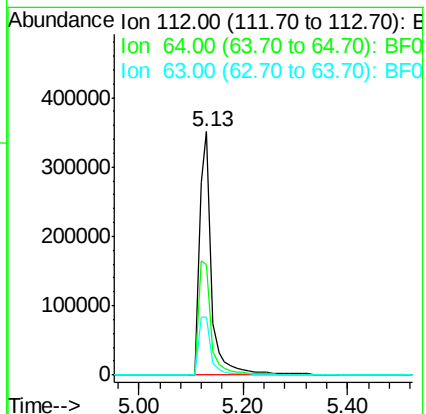
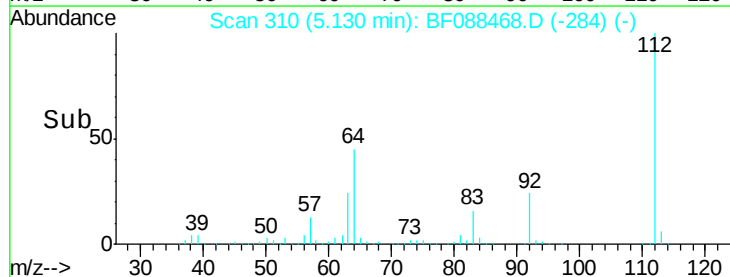
63 23.9 21.8 32.8



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: 142.05 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.02 min

Lab File: BF088468.D

Acq: 27 Jun 2016 23:19

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224

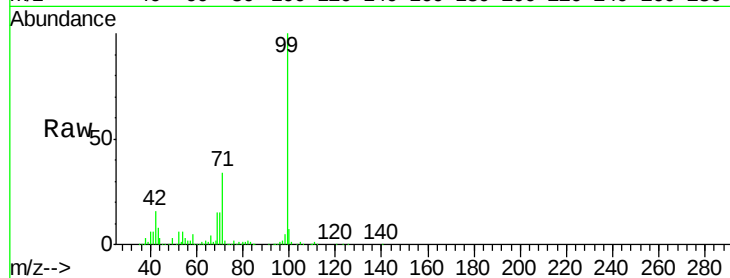
Tot Ion: 99 Resp: 625367

Ion Ratio Lower Upper

99 100

42 15.6 12.2 18.2

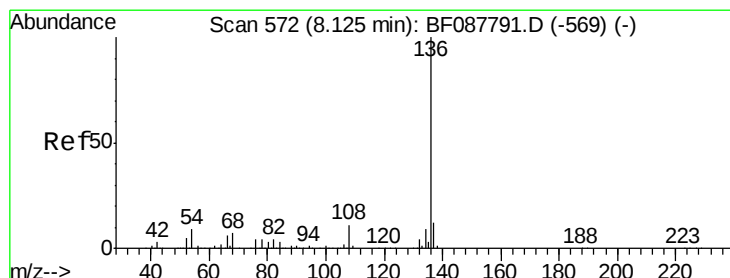
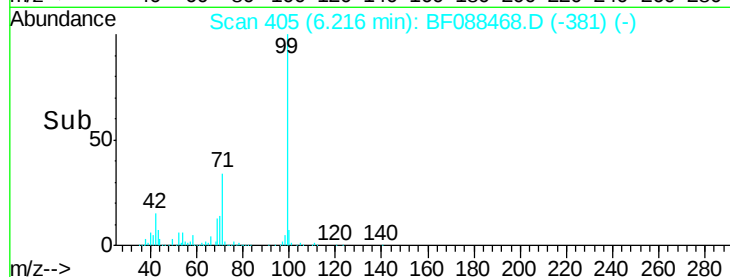
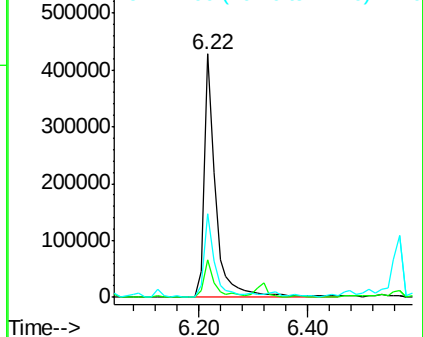
71 34.5 23.4 35.0



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: 7.83 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF088468.D

Acq: 27 Jun 2016 23:19

Tgt Ion: 136 Resp: 225306

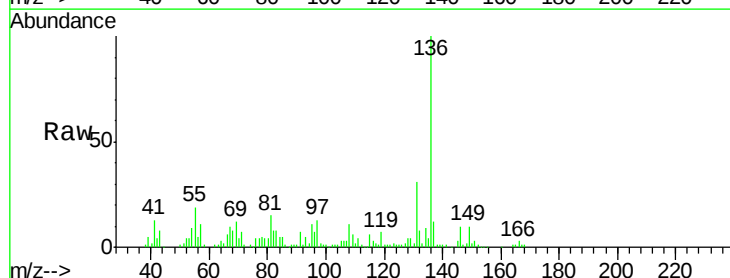
Ion Ratio Lower Upper

136 100

137 12.0 9.1 13.7

54 8.9 6.6 10.0

68 8.4 5.1 7.7#

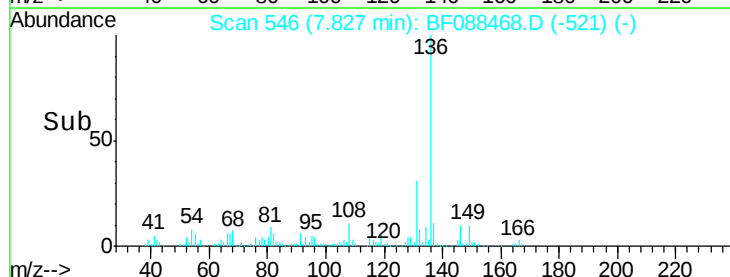
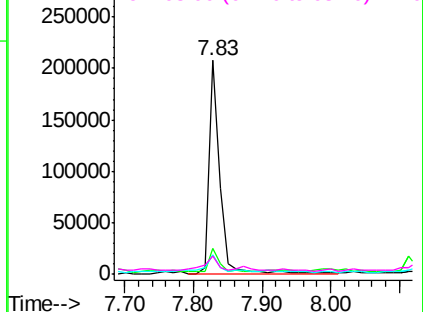


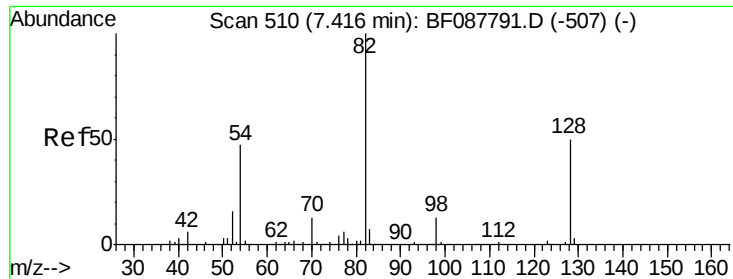
Abundance Ion 136.00 (135.70 to 136.70): E

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

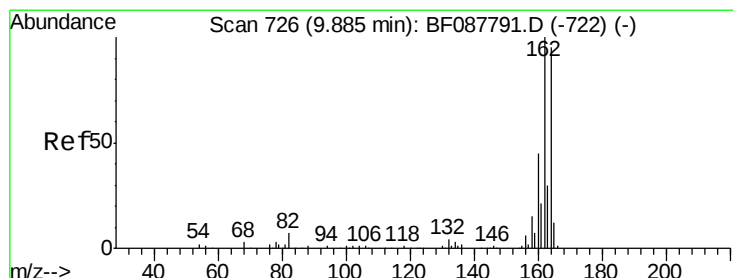
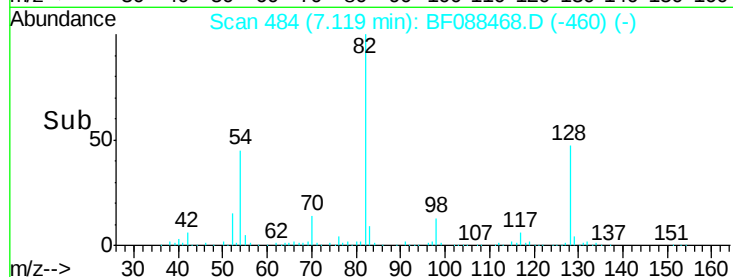
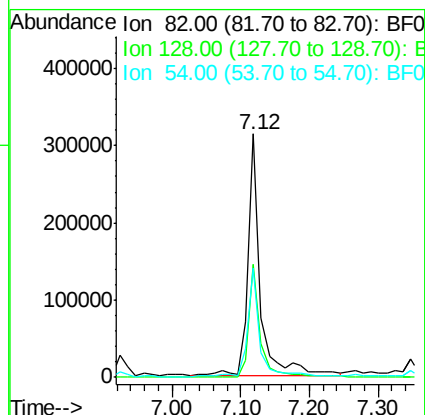
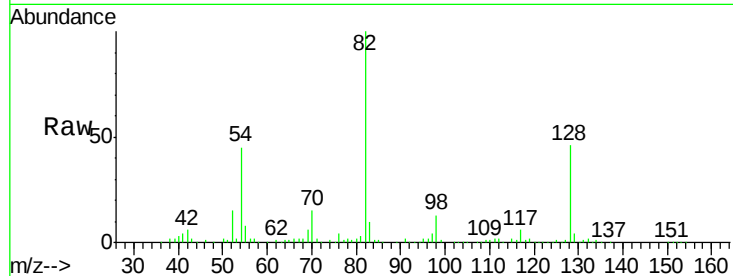




#23
 Nitrobenzene-d5
 Concen: 100.69 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF088468.D
 Acq: 27 Jun 2016 23:19

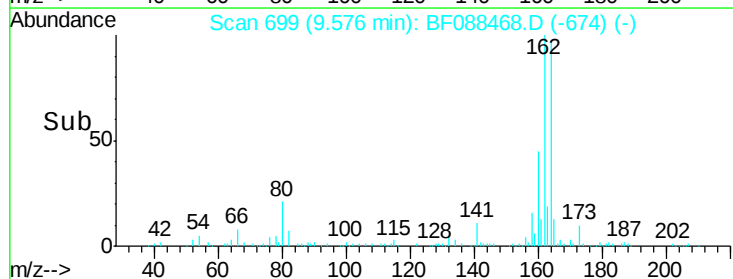
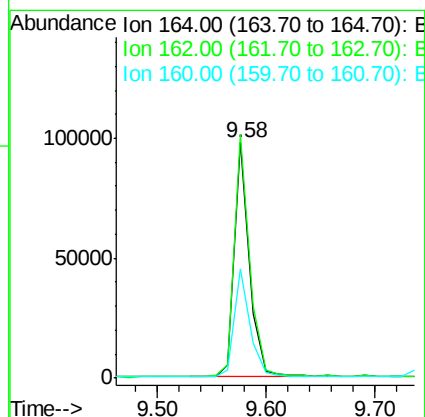
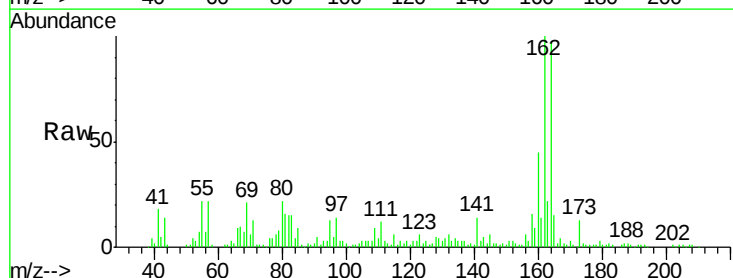
Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224

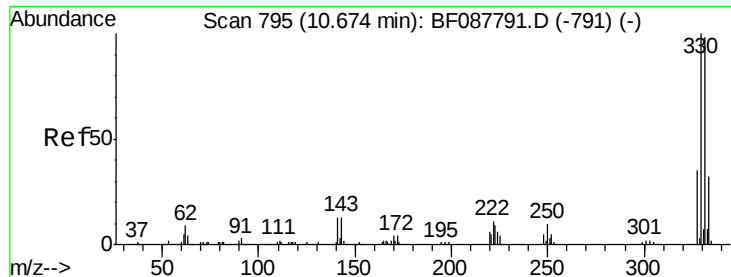
Tot Ion	82	Resp	388487
Ion Ratio	Lower	Upper	
82	100		
128	46.3	35.9	53.9
54	45.0	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF088468.D
 Acq: 27 Jun 2016 23:19

Tgt Ion	164	Resp	91927
Ion Ratio	Lower	Upper	
164	100		
162	103.2	85.4	128.2
160	46.6	39.5	59.3

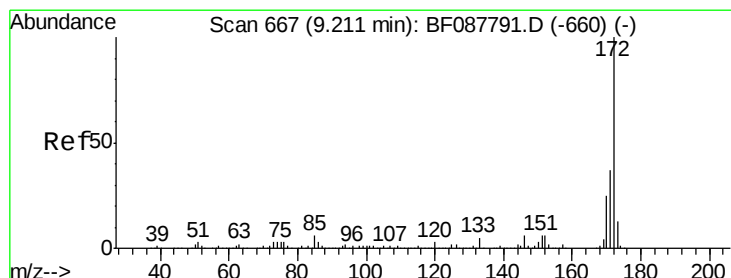
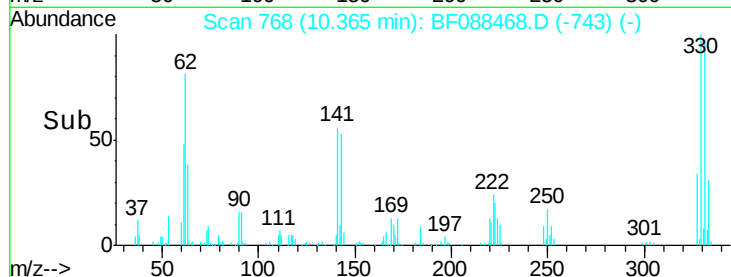
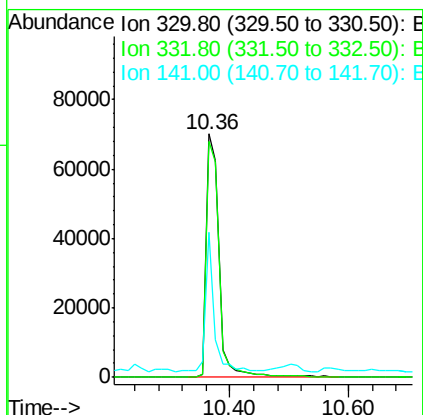
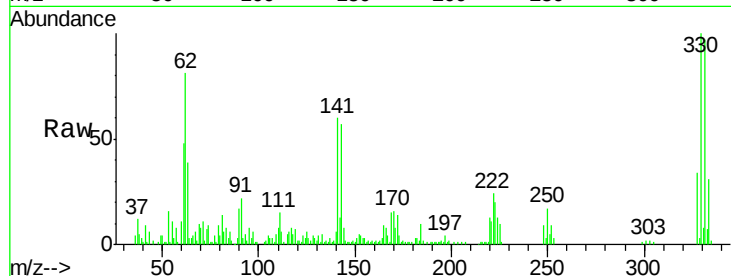




#41
 2,4,6-Tribromophenol
 Concen: 109.18 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF088468.D
 Acq: 27 Jun 2016 23:19

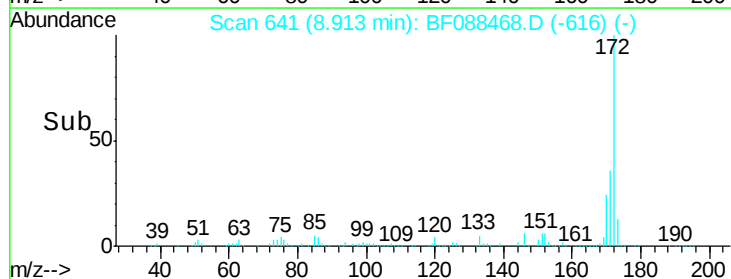
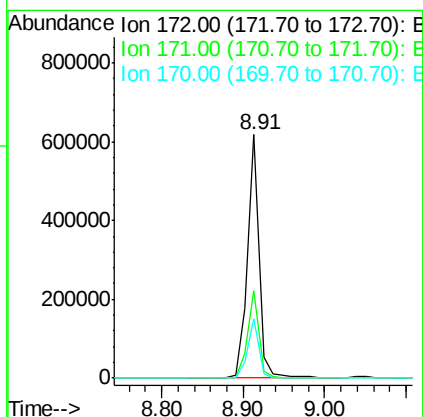
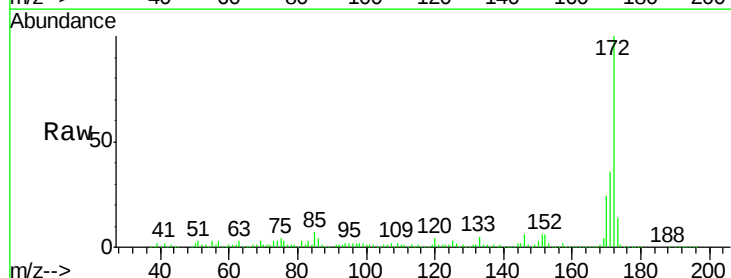
Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224

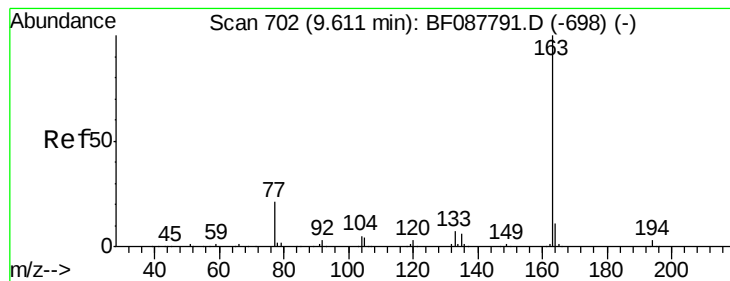
Tot Ion:330 Resp: 105980
 Ion Ratio Lower Upper
 330 100
 332 98.0 0.0 0.0#
 141 40.7 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 105.87 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF088468.D
 Acq: 27 Jun 2016 23:19

Tgt Ion:172 Resp: 611575
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.2 19.2 28.8





#49

Dimethylphthalate

Concen: 16.23 ng

RT: 9.31 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF088468.D

Acq: 27 Jun 2016 23:19

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224

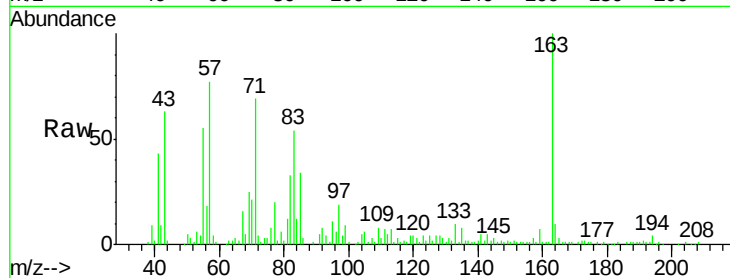
Tot Ion:163 Resp: 108058

Ion Ratio Lower Upper

163 100

194 4.0 2.8 4.2

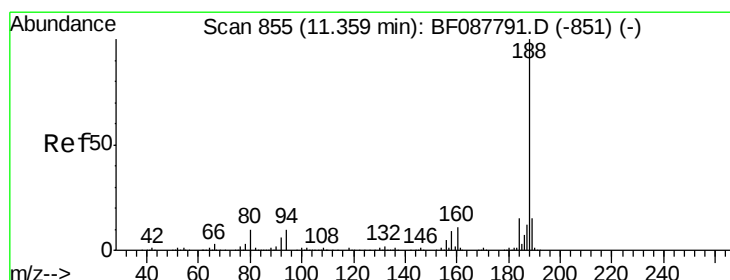
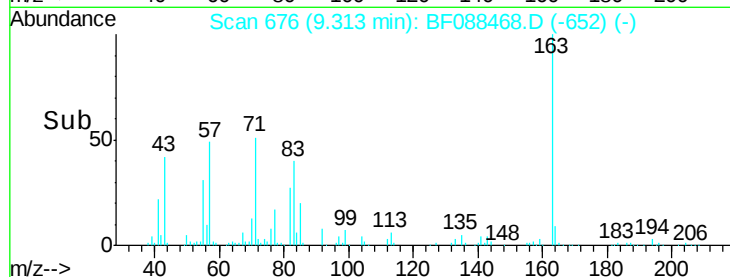
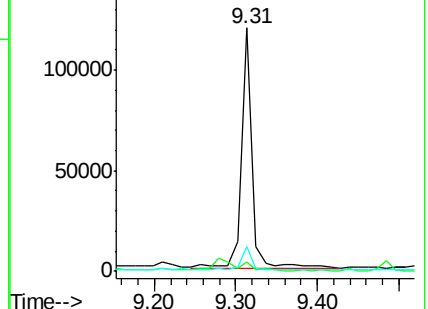
164 10.1 8.3 12.5



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: 11.05 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF088468.D

Acq: 27 Jun 2016 23:19

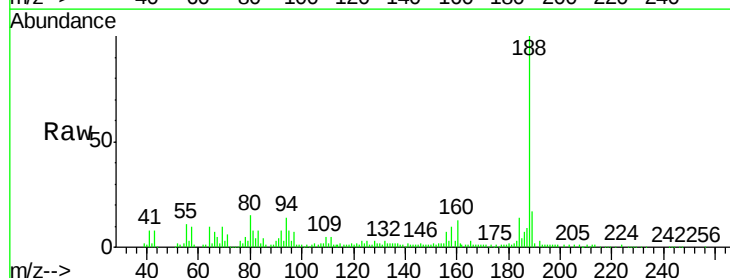
Tgt Ion:188 Resp: 149004

Ion Ratio Lower Upper

188 100

94 13.9 9.0 13.6#

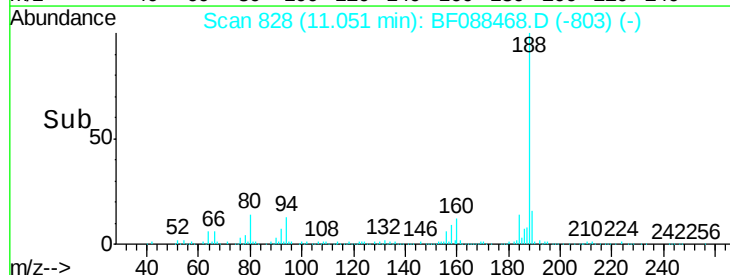
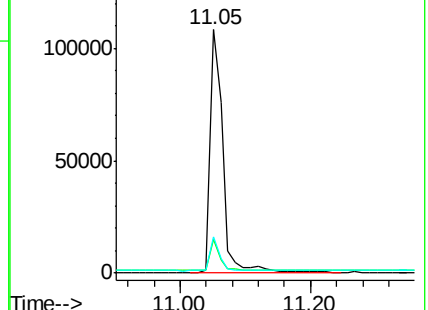
80 14.9 10.0 15.0

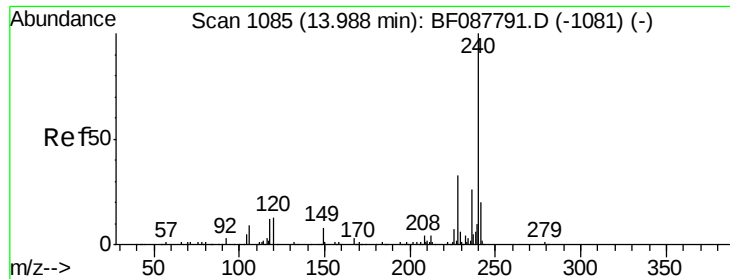


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.70 min Scan# 1060

Delta R.T. 0.01 min

Lab File: BF088468.D

Acq: 27 Jun 2016 23:19

Instrument :

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ClientSampleId :

B1409-TP03E-1224

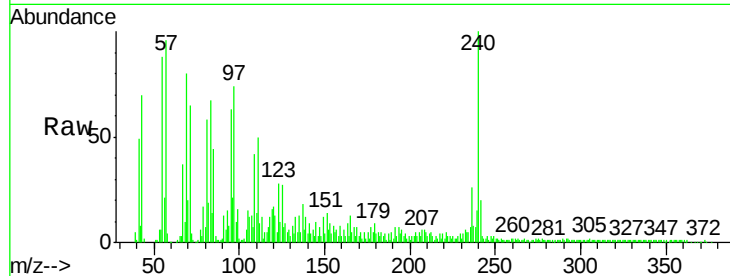
Tot Ion:240 Resp: 100505

Ion Ratio Lower Upper

240 100

120 17.3 6.8 10.2#

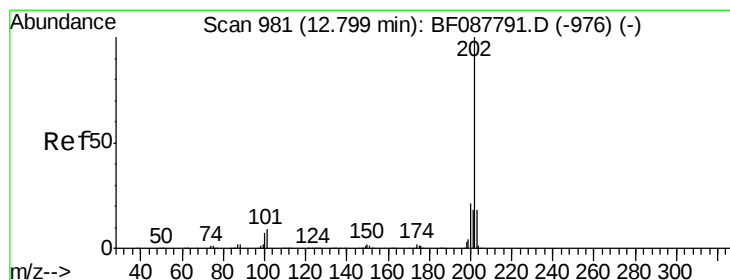
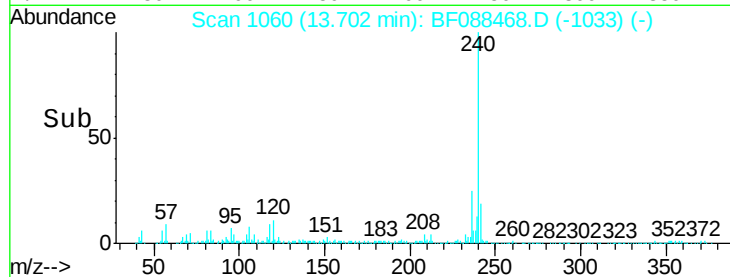
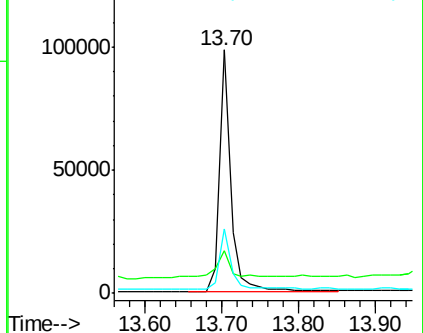
236 26.3 20.2 30.2



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



#77

Pyrene

Concen: 2.62 ng

RT: 12.50 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF088468.D

Acq: 27 Jun 2016 23:19

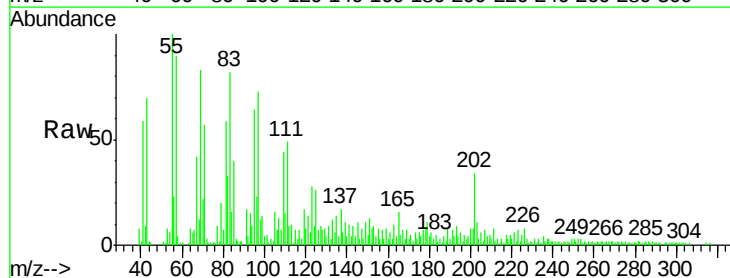
Tgt Ion:202 Resp: 19561

Ion Ratio Lower Upper

202 100

200 24.0 17.4 26.2

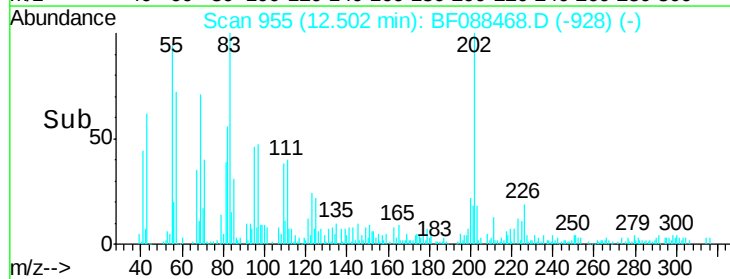
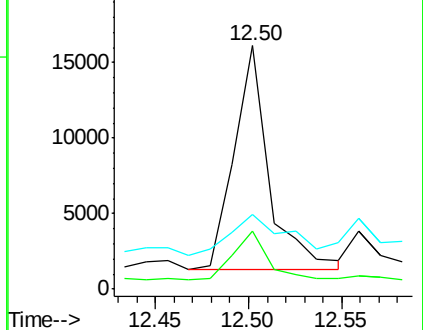
203 30.9 14.5 21.7#

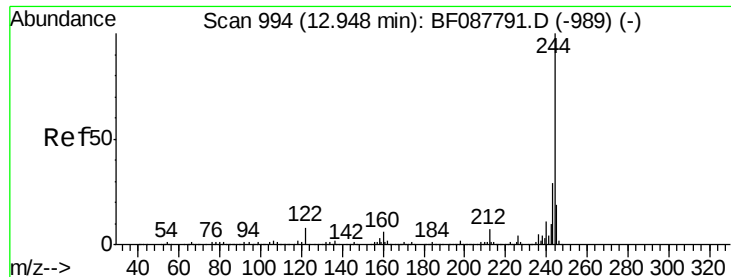


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 88.51 ng

RT: 12.64 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF088468.D

Acq: 27 Jun 2016 23:19

Instrument :

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ClientSampleId :

B1409-TP03E-1224

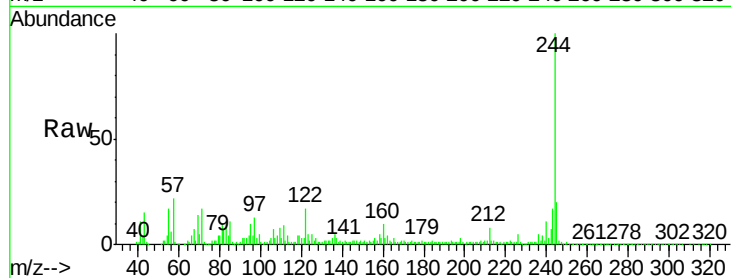
Tot Ion:244 Resp: 390907

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

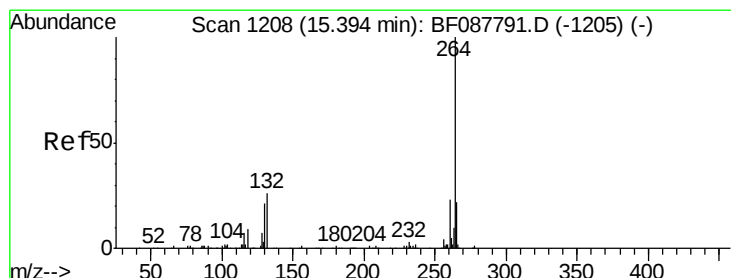
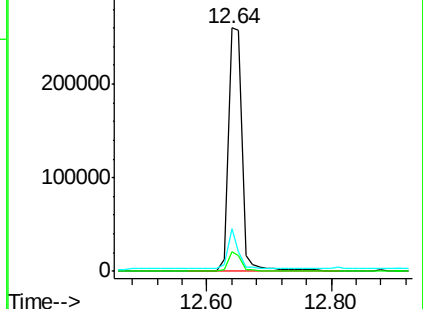
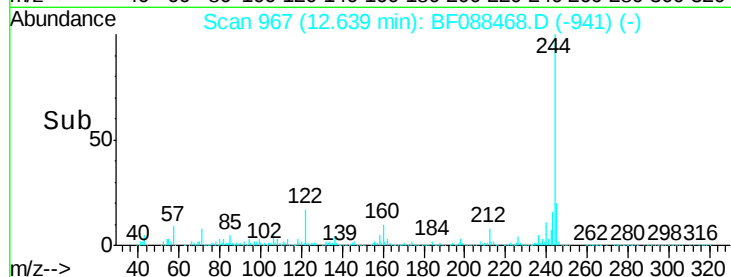
122 17.4 11.2 16.8#



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: 15.09 min Scan# 1181

Delta R.T. 0.05 min

Lab File: BF088468.D

Acq: 27 Jun 2016 23:19

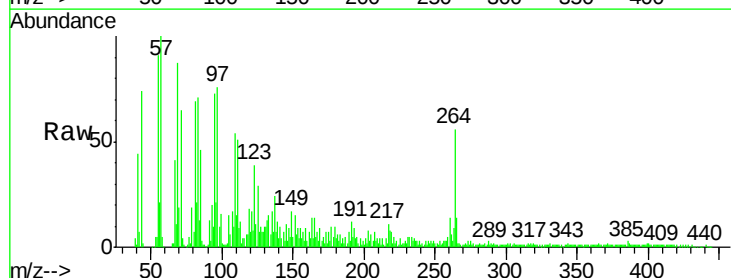
Tgt Ion:264 Resp: 81913

Ion Ratio Lower Upper

264 100

260 25.9 19.2 28.8

265 25.0 16.9 25.3



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

