

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079970.D
 Acq On : 13 Jun 2015 10:38
 Operator : TP/IZ
 Sample : G2599-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-B1-12.5-13

Quant Time: Jun 15 00:57:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

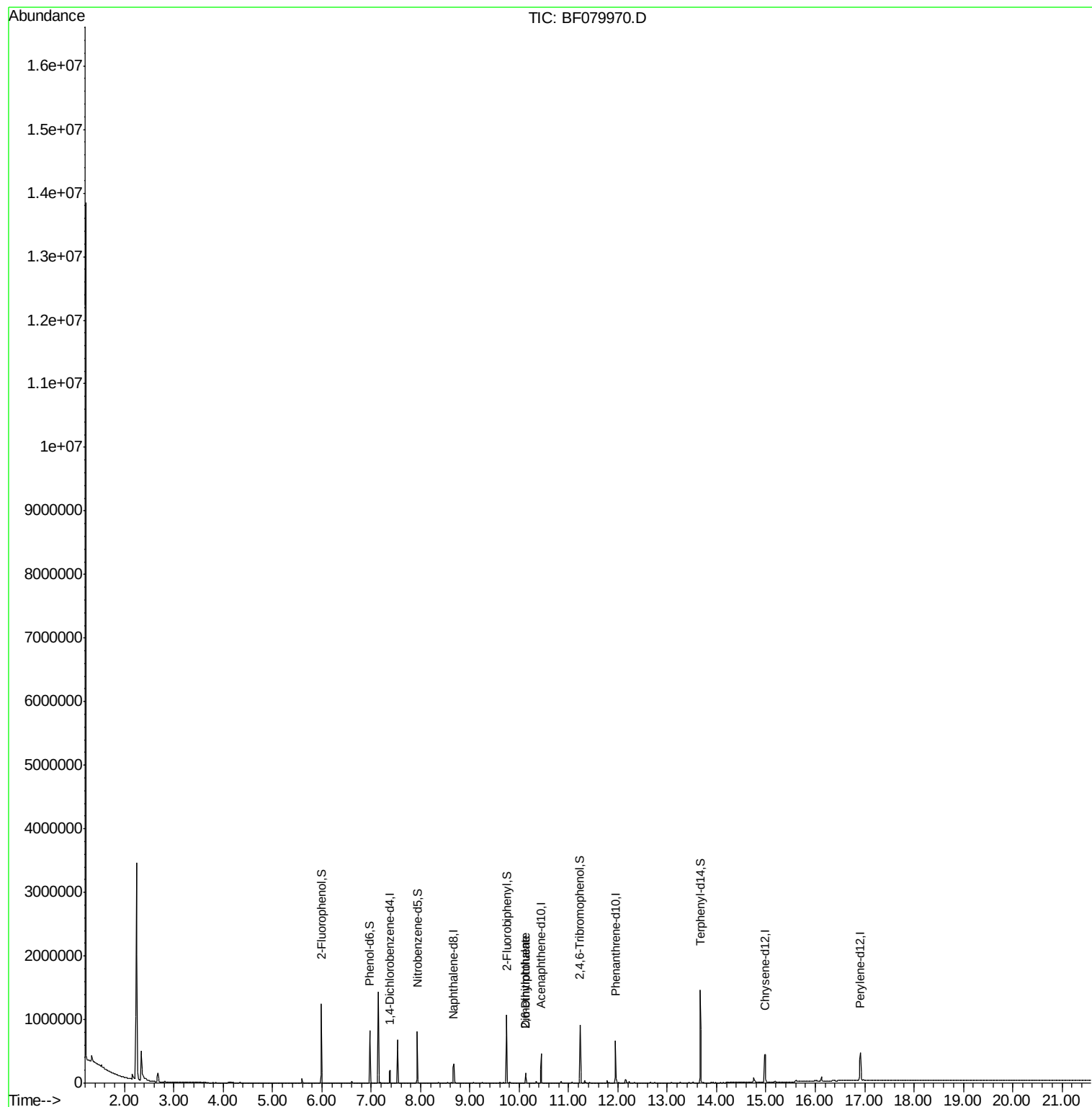
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	46783	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	190887	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	104341	20.00	ng	0.00
63) Phenanthrene-d10	11.95	188	230797	20.00	ng	-0.02
75) Chrysene-d12	14.98	240	256171	20.00	ng	-0.16
86) Perylene-d12	16.91	264	263202	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	298209	116.88	ng	0.00
7) Phenol-d6	6.97	99	388586	111.79	ng	0.00
23) Nitrobenzene-d5	7.93	82	220663	76.27	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	91694	88.23	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	448914	60.25	ng	0.00
78) Terphenyl-d14	13.67	244	593105	53.38	ng	-0.10
Target Compounds						
49) Dimethylphthalate	10.12	163	79056	9.46	ng	99
50) 2,6-Dinitrotoluene	10.12	165	925	3.61	ng	# 1
82) Chrysene	14.96	228	4380	Below Cal		97

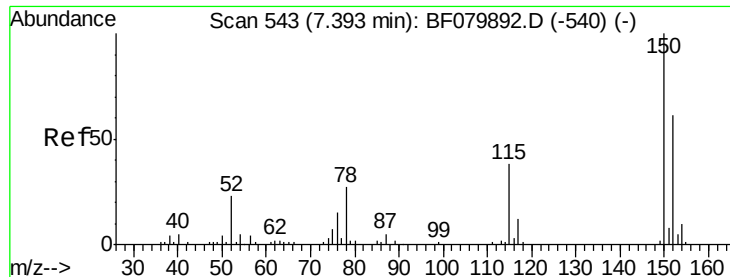
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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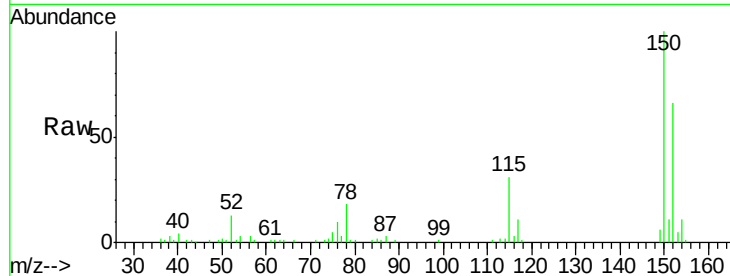


#1

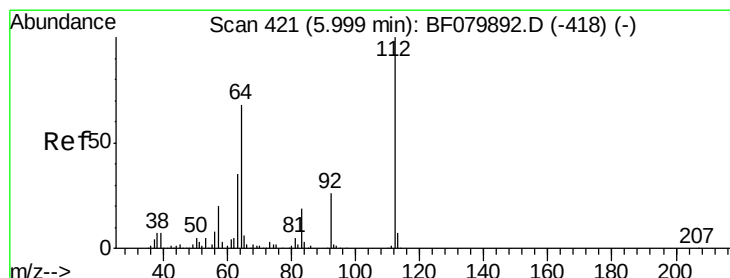
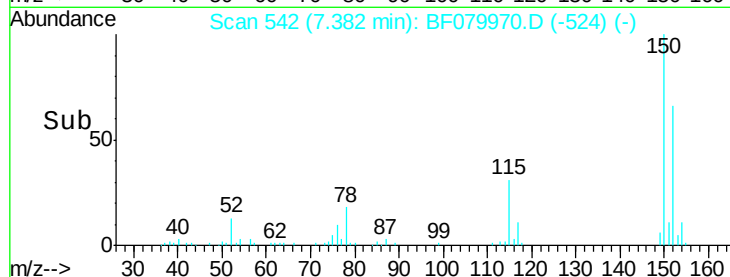
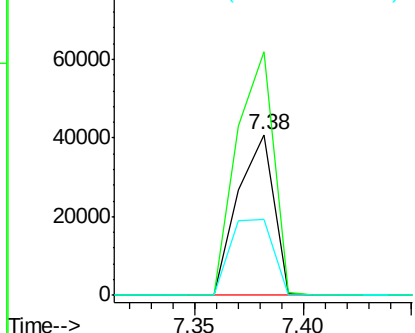
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079970.D
Acq: 13 Jun 2015 10:38

Instrument :
BNA_F
ClientSampleId :
VALHALLA-B1-12.5-13

Tgt Ion:152 Resp: 46783
Ion Ratio Lower Upper
152 100
150 151.4 131.0 196.4
115 47.3 49.8 74.6#



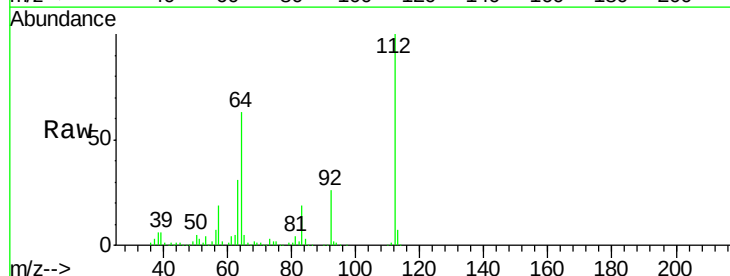
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



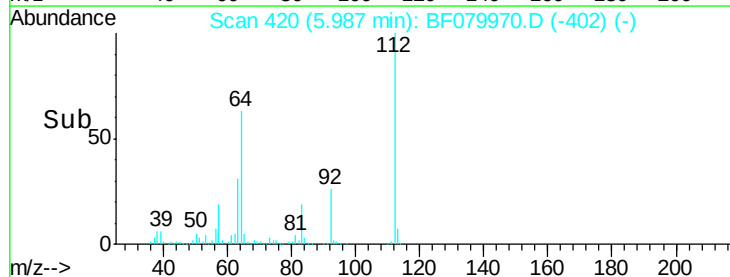
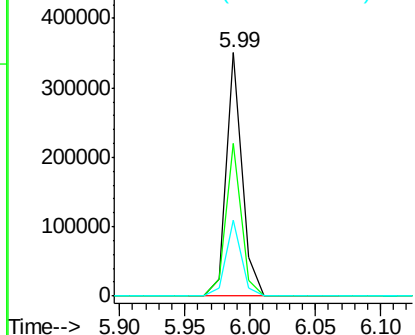
#5

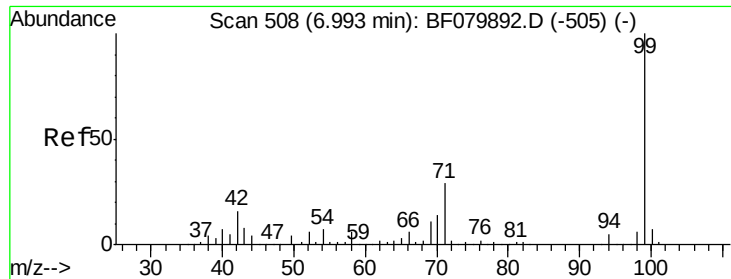
2-Fluorophenol
Concen: 116.88 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079970.D
Acq: 13 Jun 2015 10:38

Tgt Ion:112 Resp: 298209
Ion Ratio Lower Upper
112 100
64 62.6 54.5 81.7
63 31.2 27.9 41.9



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: 111.79 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079970.D

Acq: 13 Jun 2015 10:38

Instrument :

BNA_F

ClientSampleId :

VALHALLA-B1-12.5-13

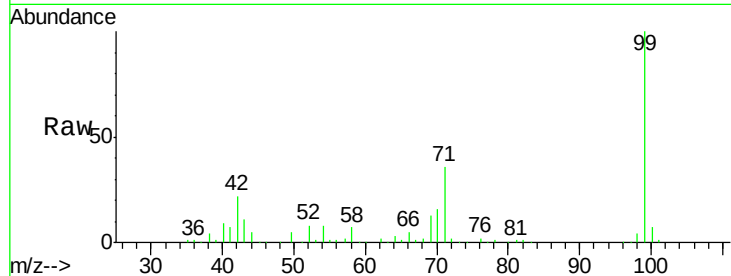
Tgt Ion: 99 Resp: 388586

Ion Ratio Lower Upper

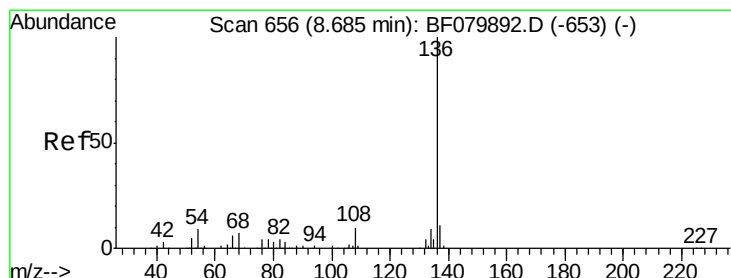
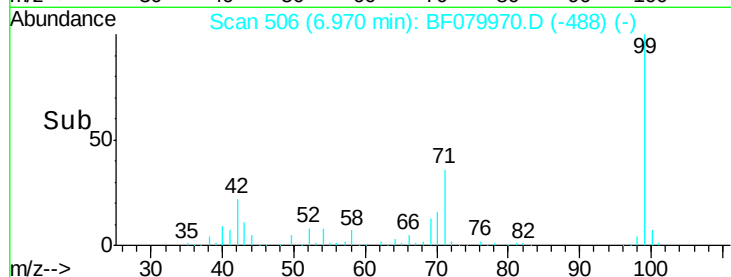
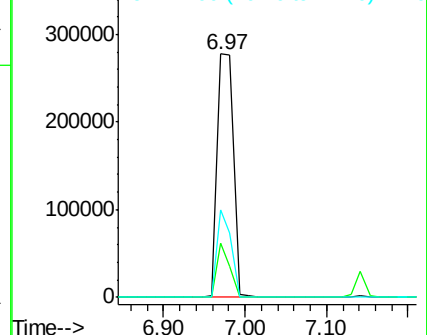
99 100

42 22.3 12.9 19.3#

71 35.8 23.4 35.2#



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: 8.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF079970.D

Acq: 13 Jun 2015 10:38

Tgt Ion: 136 Resp: 190887

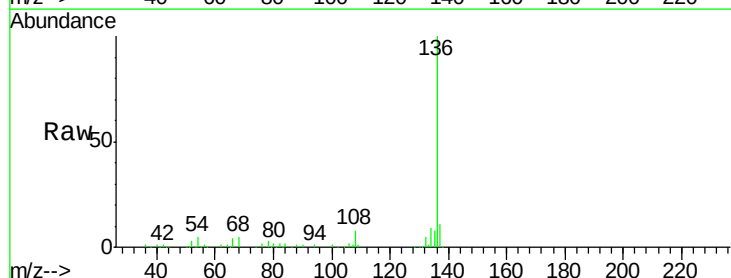
Ion Ratio Lower Upper

136 100

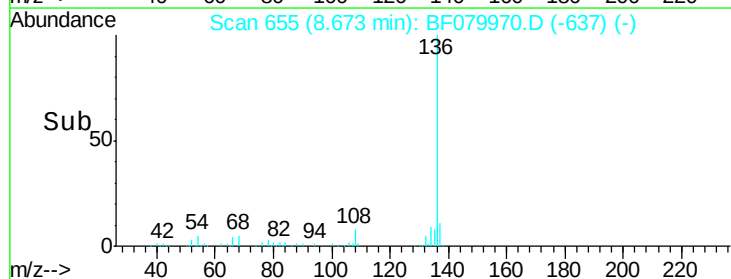
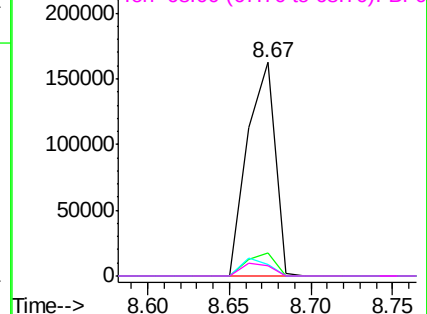
137 10.8 8.7 13.1

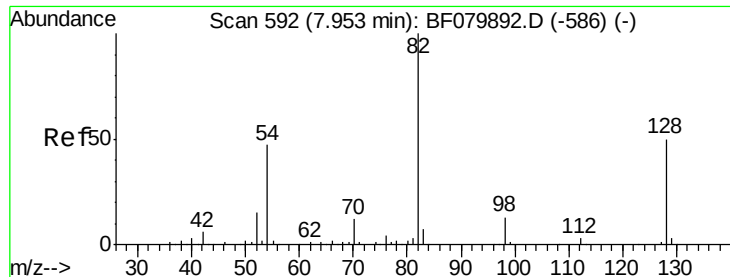
54 5.5 7.3 10.9#

68 4.7 5.9 8.9#



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

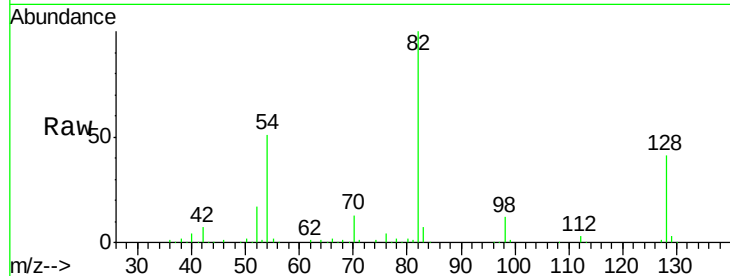




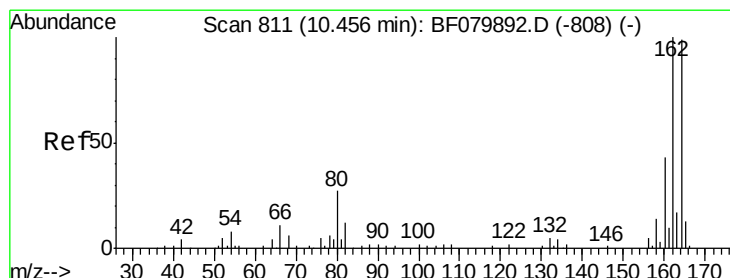
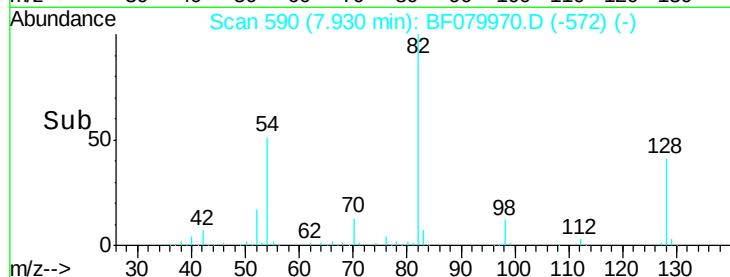
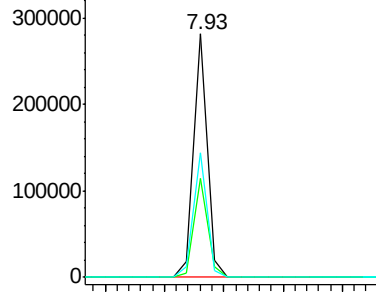
#23
 Nitrobenzene-d5
 Concen: 76.27 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079970.D
 Acq: 13 Jun 2015 10:38

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-B1-12.5-13

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	40.3	60.5
54	51.2	38.0	57.0

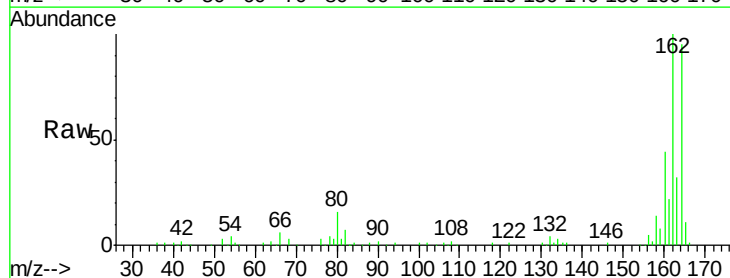


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

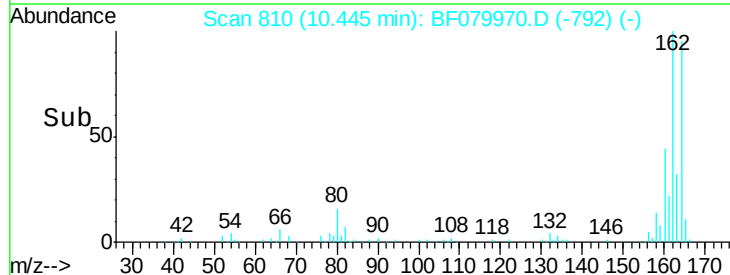
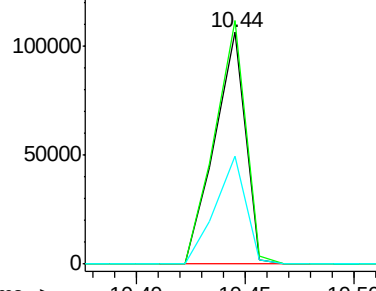


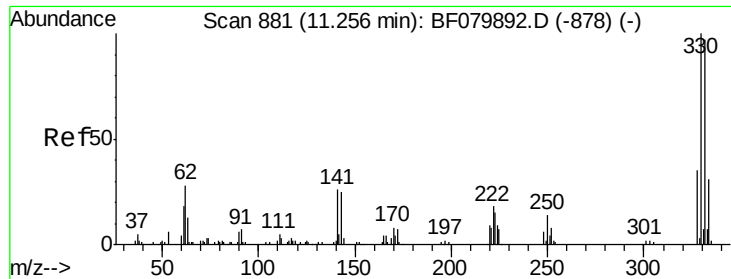
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF079970.D
 Acq: 13 Jun 2015 10:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	80.7	121.1
160	46.7	34.6	51.8



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

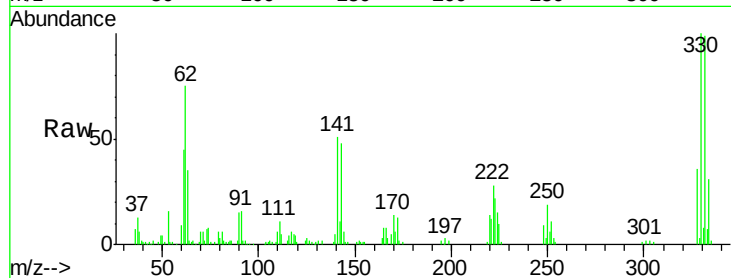




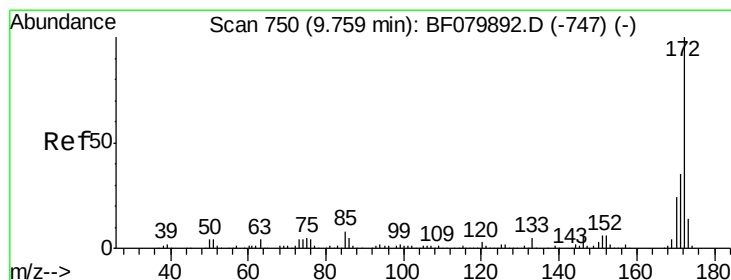
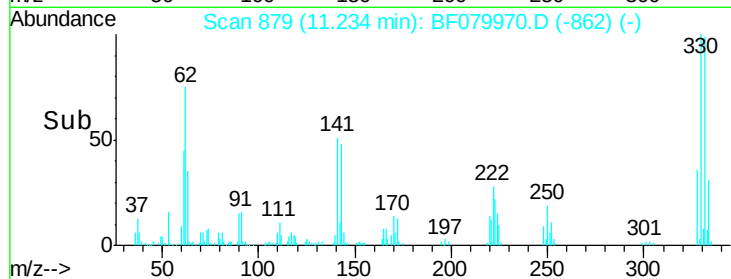
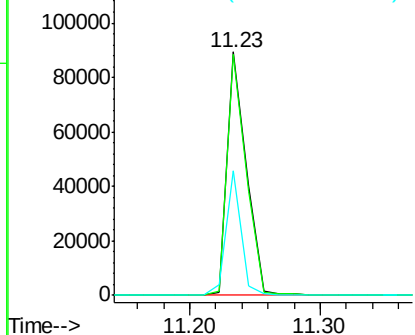
#41
 2,4,6-Tribromophenol
 Concen: 88.23 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079970.D
 Acq: 13 Jun 2015 10:38

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-B1-12.5-13

Tgt Ion:330 Resp: 91694
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.3 115.9
 141 40.1 26.8 40.2

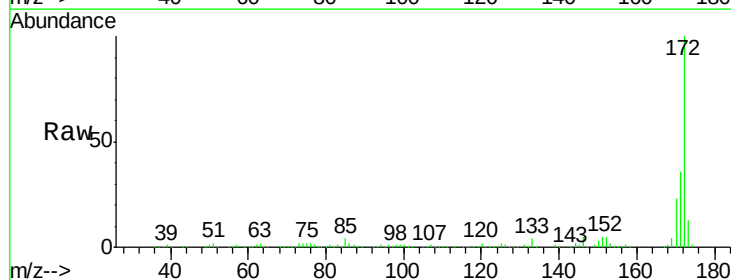


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

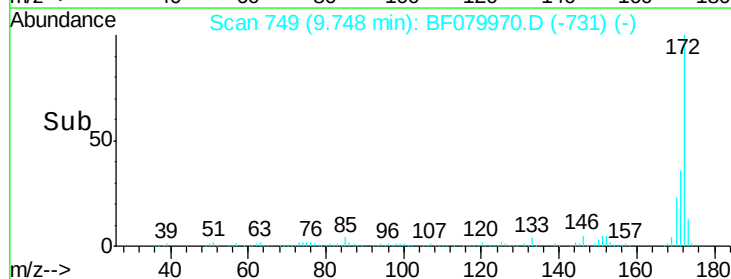
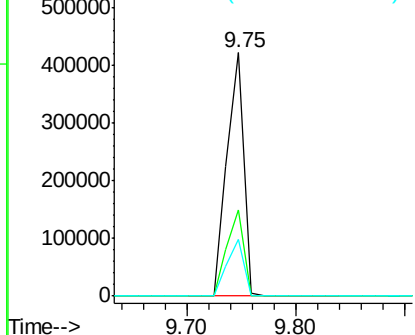


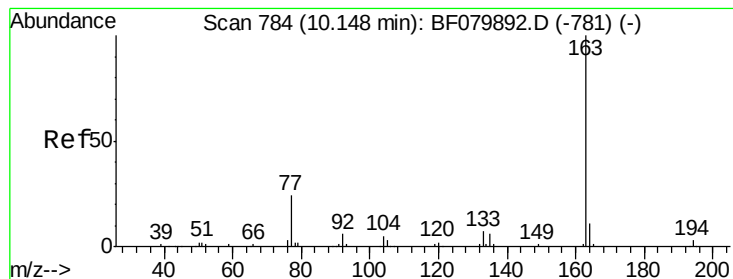
#44
 2-Fluorobiphenyl
 Concen: 60.25 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079970.D
 Acq: 13 Jun 2015 10:38

Tgt Ion:172 Resp: 448914
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.3 42.5
 170 23.5 19.0 28.4



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





#49

Dimethylphthalate

Concen: 9.46 ng

RT: 10.12 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF079970.D

Acq: 13 Jun 2015 10:38

Instrument :

BNA_F

ClientSampleId :

VALHALLA-B1-12.5-13

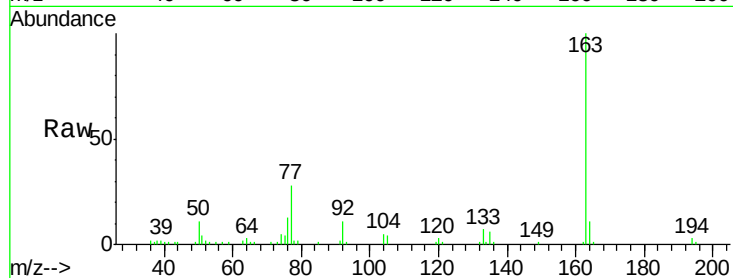
Tgt Ion:163 Resp: 79056

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

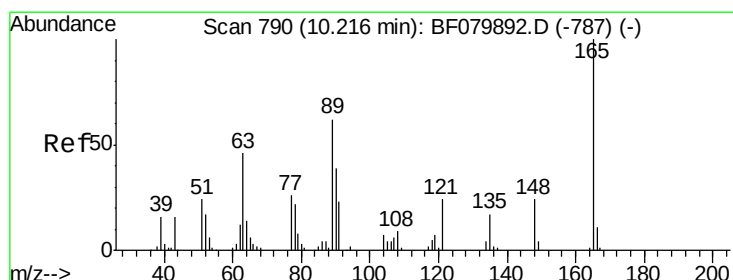
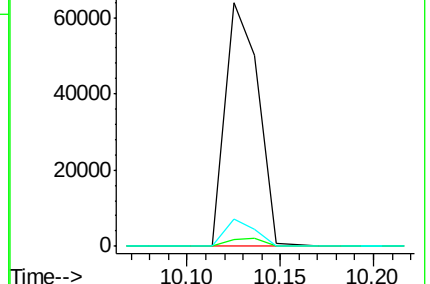
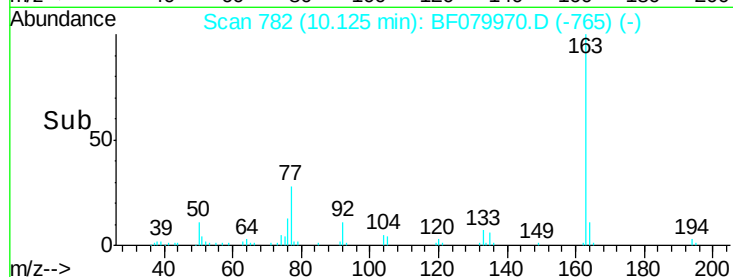
164 11.2 8.6 12.8



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



#50

2,6-Dinitrotoluene

Concen: 3.61 ng

RT: 10.12 min Scan# 782

Delta R.T. -0.08 min

Lab File: BF079970.D

Acq: 13 Jun 2015 10:38

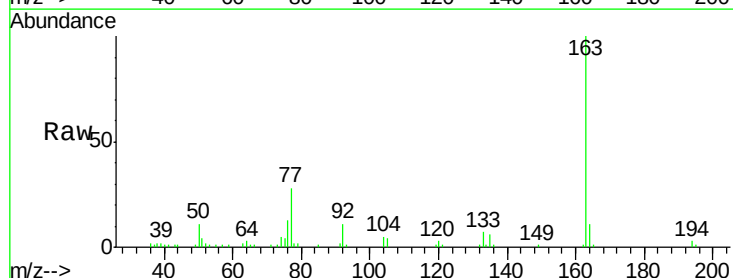
Tgt Ion:165 Resp: 925

Ion Ratio Lower Upper

165 100

63 147.0 46.4 69.6#

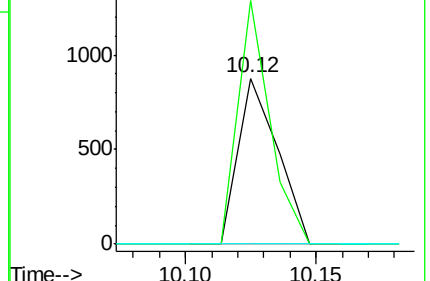
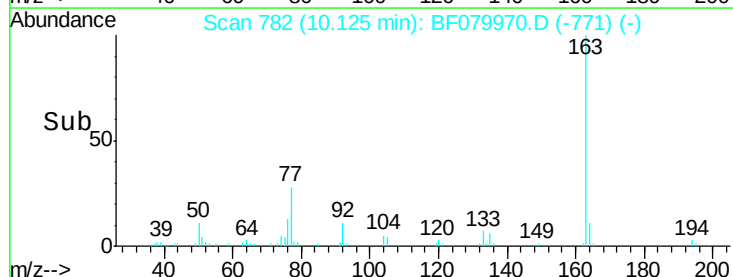
89 0.0 49.6 74.4#

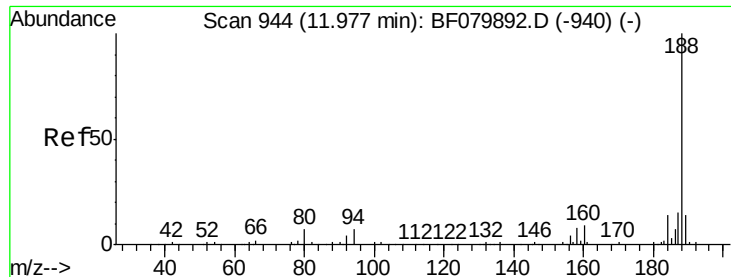


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

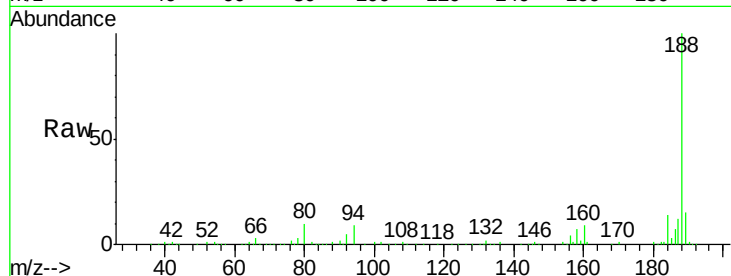




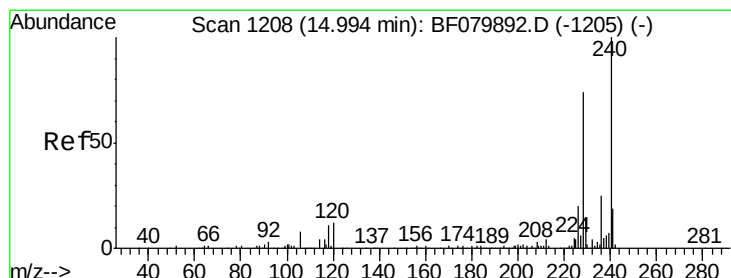
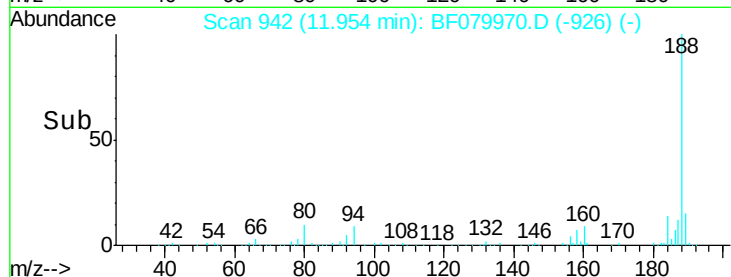
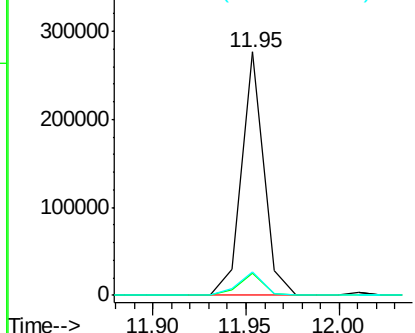
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.95 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF079970.D
Acq: 13 Jun 2015 10:38

Instrument :
BNA_F
ClientSampleId :
VALHALLA-B1-12.5-13

Tgt Ion:188 Resp: 230797
Ion Ratio Lower Upper
188 100
94 9.0 5.8 8.8#
80 9.8 5.9 8.9#

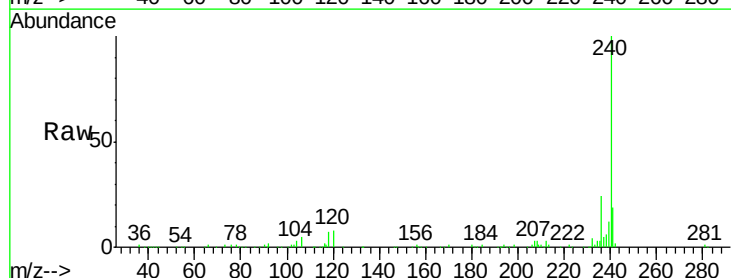


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

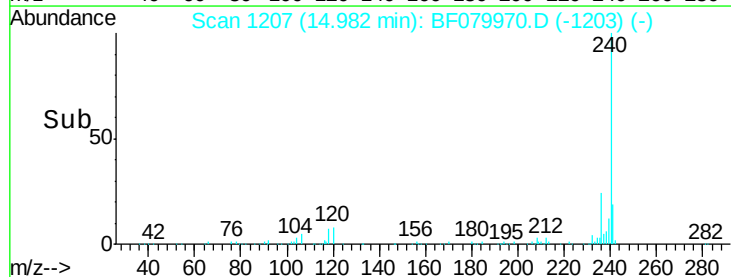
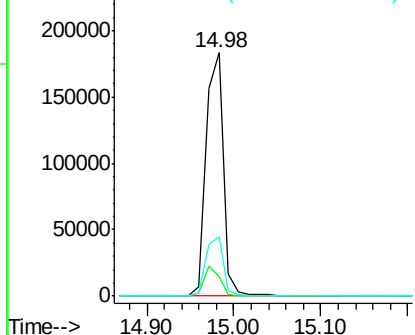


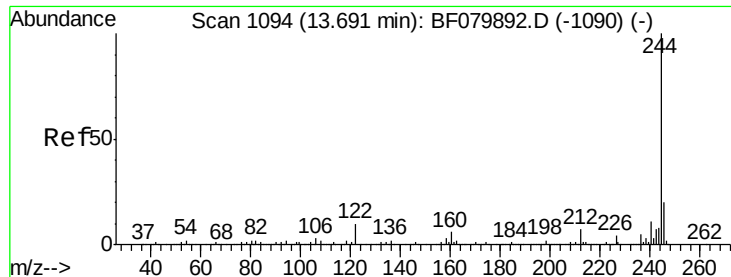
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.98 min Scan# 1207
Delta R.T. -0.16 min
Lab File: BF079970.D
Acq: 13 Jun 2015 10:38

Tgt Ion:240 Resp: 256171
Ion Ratio Lower Upper
240 100
120 7.9 9.4 14.2#
236 24.5 19.6 29.4



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





#78

Terphenyl-d14

Concen: 53.38 ng

RT: 13.67 min Scan# 1092

Delta R.T. -0.10 min

Lab File: BF079970.D

Acq: 13 Jun 2015 10:38

Instrument :

BNA_F

ClientSampleId :

VALHALLA-B1-12.5-13

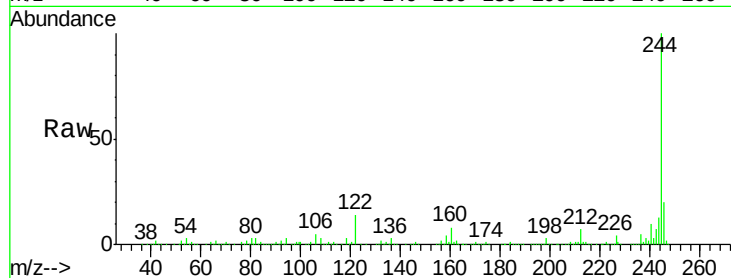
Tgt Ion:244 Resp: 593105

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

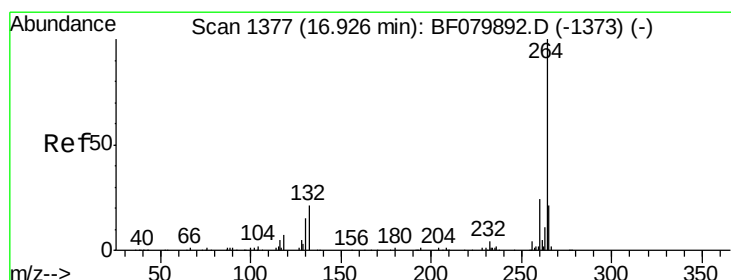
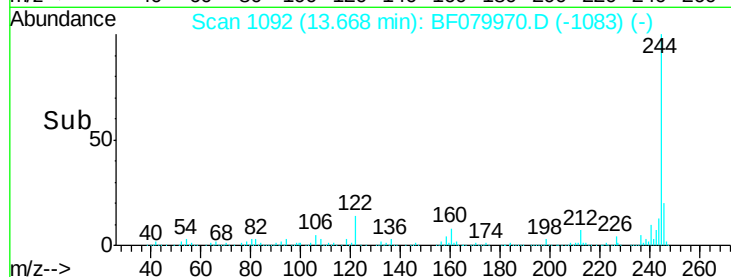
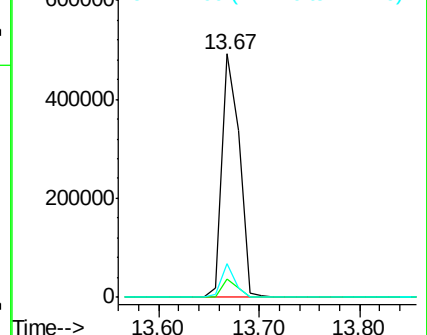
122 13.9 7.8 11.8#



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: 16.91 min Scan# 1376

Delta R.T. -0.18 min

Lab File: BF079970.D

Acq: 13 Jun 2015 10:38

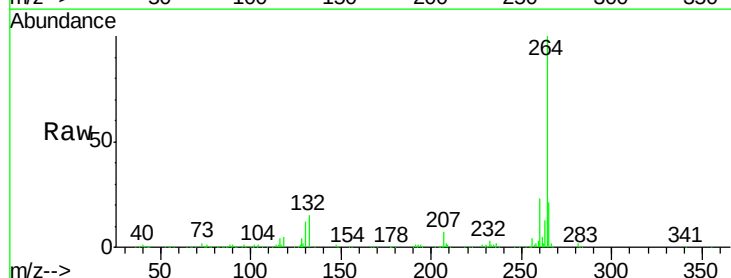
Tgt Ion:264 Resp: 263202

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.4 17.0 25.6



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

