

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010616\
 Data File : BF084291.D
 Acq On : 6 Jan 2016 16:02
 Operator : SJ/UM
 Sample : H1010-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEP-MW2-26

Quant Time: Jan 07 00:09:27 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

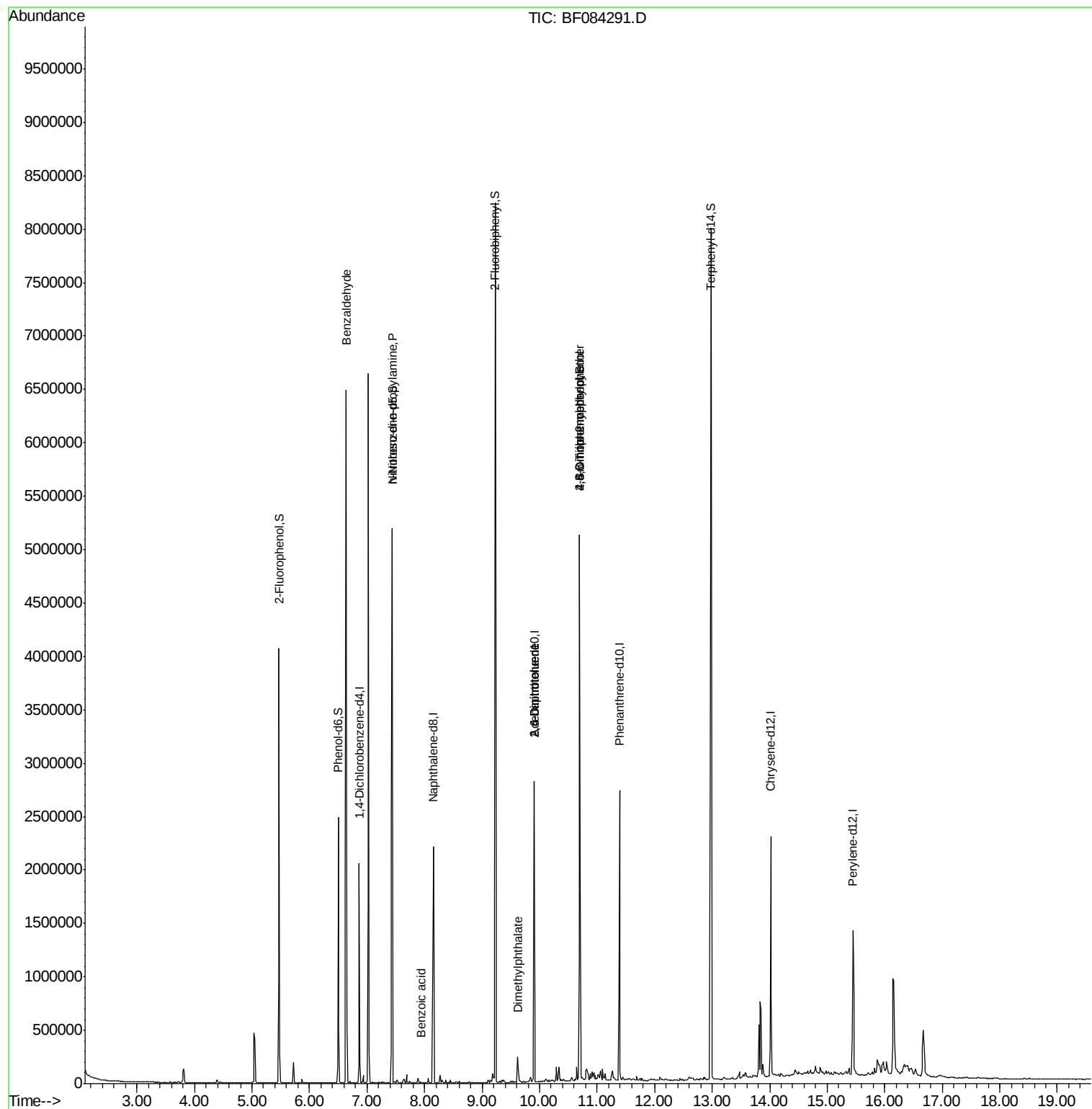
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	258093	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1095950	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	501971	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	964038	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	792541	20.00	ng	-0.05
86) Perylene-d12	15.45	264	648824	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	976126	61.17	ng	-0.02
7) Phenol-d6	6.50	99	732521	36.55	ng	-0.03
23) Nitrobenzene-d5	7.44	82	1790158	90.91	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	700450	138.22	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	2539802	89.33	ng	-0.03
78) Terphenyl-d14	12.98	244	2465422	69.44	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.64	77	42245	3.24	ng	# 74
19) n-Nitroso-di-n-propylamine	7.44	70	256722	18.92	ng	# 71
32) Benzoic acid	7.94	122	372	6.28	ng	# 1
49) Dimethylphthalate	9.62	163	98991	2.76	ng	# 89
50) 2,6-Dinitrotoluene	9.90	165	68103	8.65	ng	# 37
54) Dibenzofuran	10.11	168	1349	Below Cal	#	84
56) 2,4-Dinitrotoluene	9.90	165	68106	6.84	ng	# 21
57) Fluorene	10.45	166	1452	Below Cal	#	83
64) 4,6-Dinitro-2-methylphenol	10.69	198	1246	6.58	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	41786	4.03	ng	# 1
73) Di-n-butylphthalate	11.95	149	10032	Below Cal		97

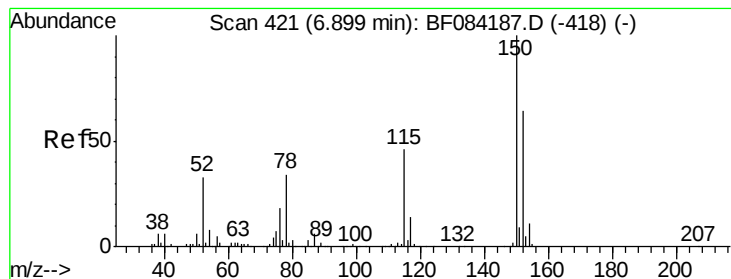
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084291.D

Acq: 6 Jan 2016 16:02

Instrument :

BNA_F

ClientSampleId :

TEP-MW2-26

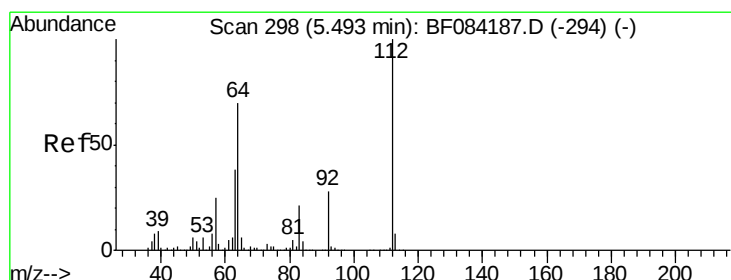
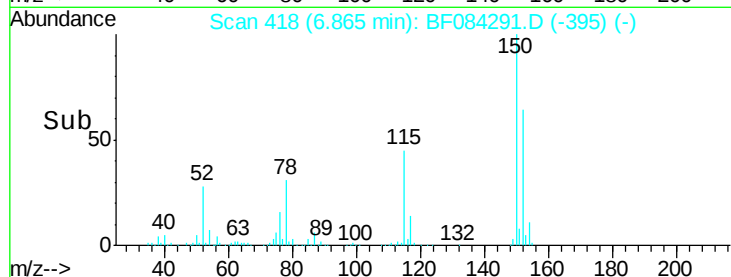
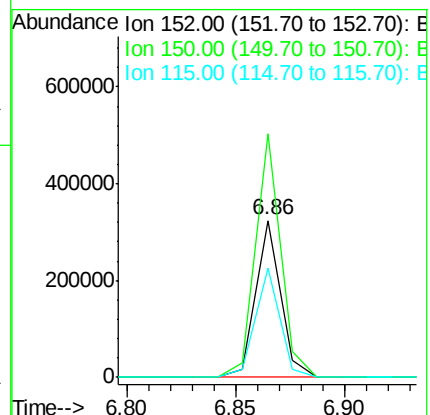
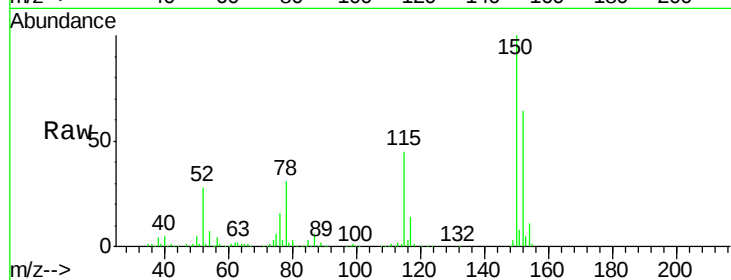
Tgt Ion:152 Resp: 258093

Ion Ratio Lower Upper

152 100

150 155.0 123.0 184.4

115 70.0 51.4 77.2



#5

2-Fluorophenol

Concen: 61.17 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084291.D

Acq: 6 Jan 2016 16:02

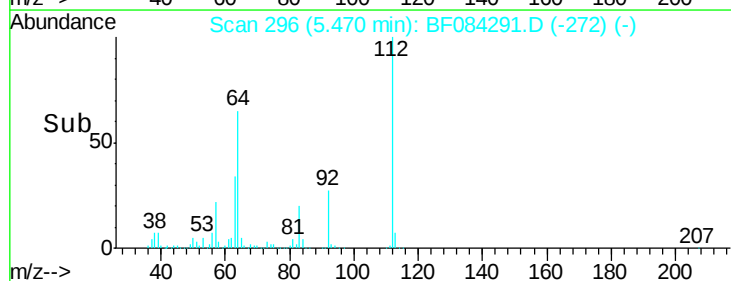
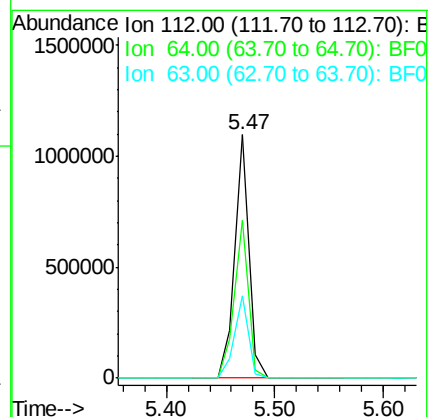
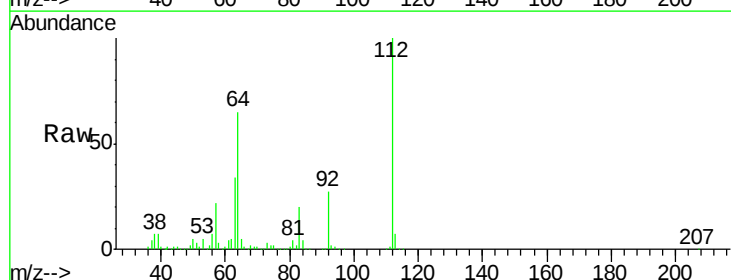
Tgt Ion:112 Resp: 976126

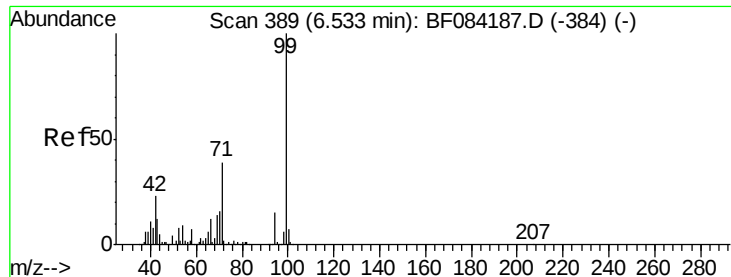
Ion Ratio Lower Upper

112 100

64 64.8 36.6 55.0#

63 34.0 19.4 29.0#





#7

Phenol-d6

Concen: 36.55 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084291.D

Acq: 6 Jan 2016 16:02

Instrument :

BNA_F

ClientSampleId :

TEP-MW2-26

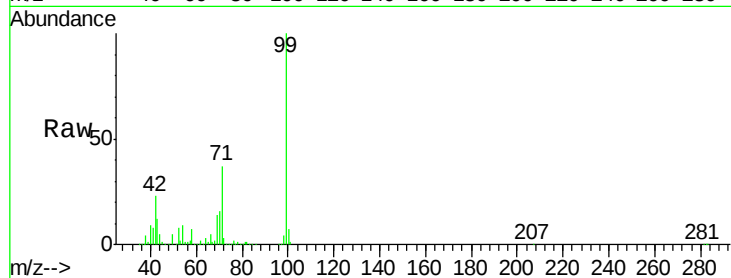
Tgt Ion: 99 Resp: 732521

Ion Ratio Lower Upper

99 100

42 23.0 12.8 19.2#

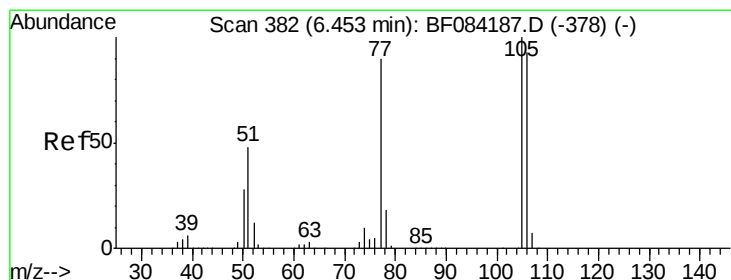
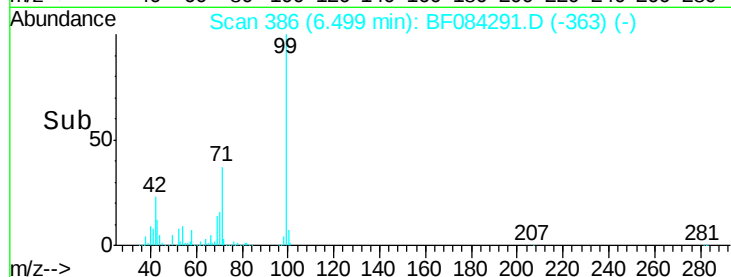
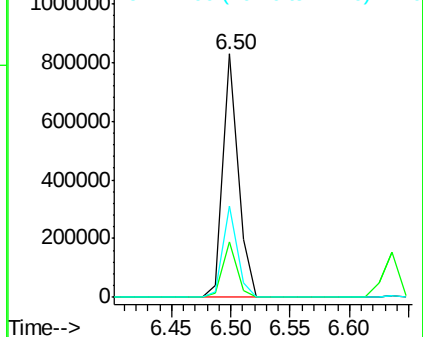
71 37.3 30.9 46.3



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



#9

Benzaldehyde

Concen: 3.24 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.18 min

Lab File: BF084291.D

Acq: 6 Jan 2016 16:02

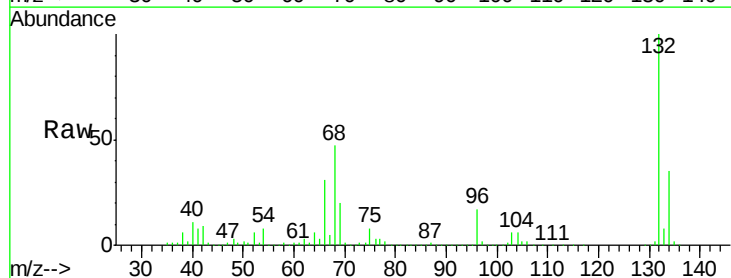
Tgt Ion: 77 Resp: 42245

Ion Ratio Lower Upper

77 100

105 80.1 83.0 123.0#

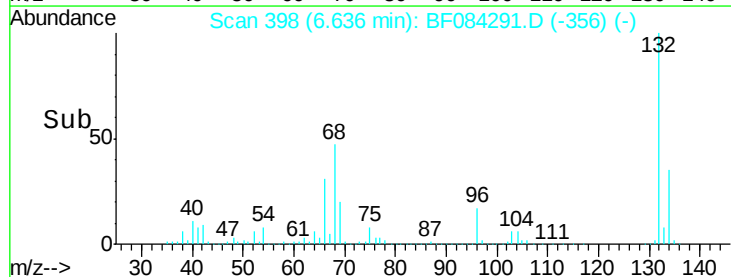
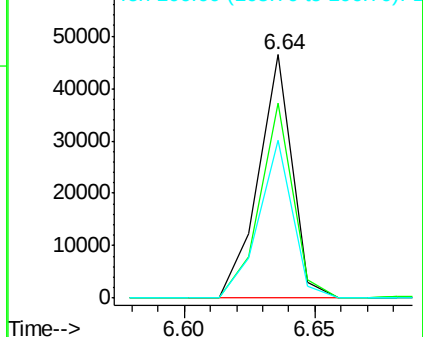
106 64.9 74.6 114.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

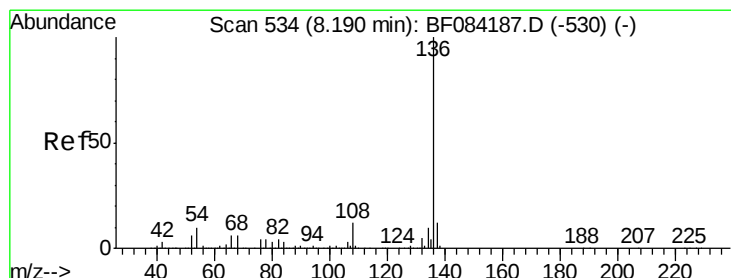
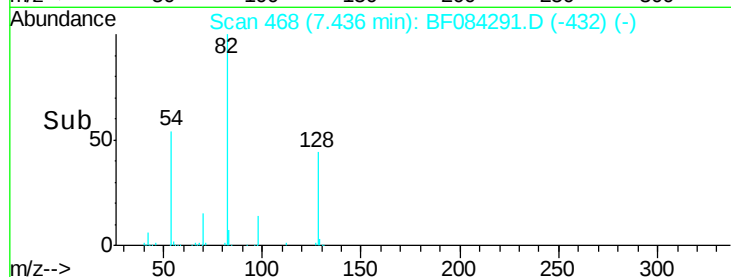
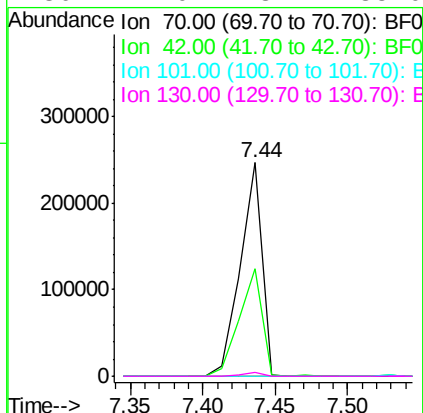
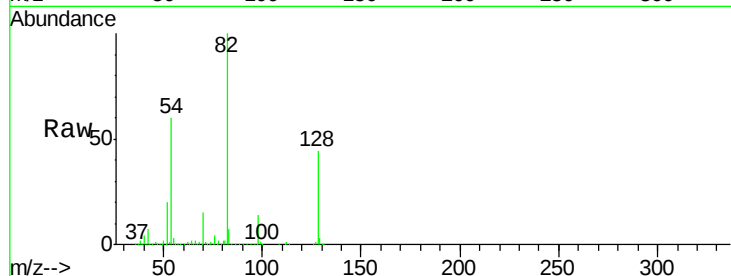




#19
n-Nitroso-di-n-propylamine
Concen: 18.92 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.11 min
Lab File: BF084291.D
Acq: 6 Jan 2016 16:02

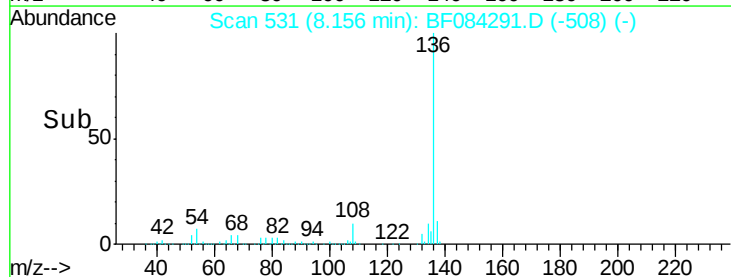
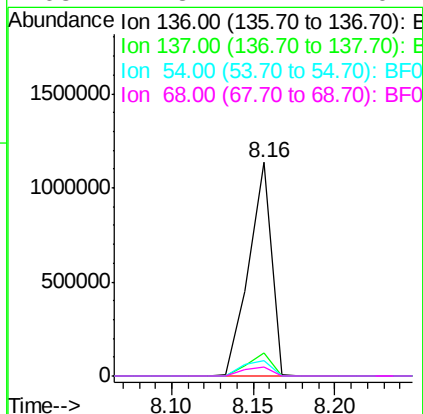
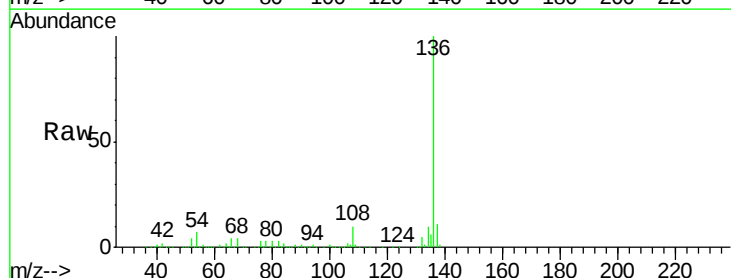
Instrument :
BNA_F
ClientSampleId :
TEP-MW2-26

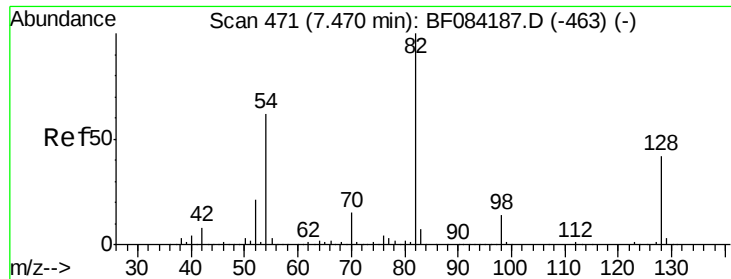
Tgt Ion: 70 Resp: 256722
Ion Ratio Lower Upper
70 100
42 50.6 33.3 49.9#
101 0.0 9.3 13.9#
130 2.0 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF084291.D
Acq: 6 Jan 2016 16:02

Tgt Ion: 136 Resp: 1095950
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.2 5.8 8.8
68 4.3 4.2 6.2

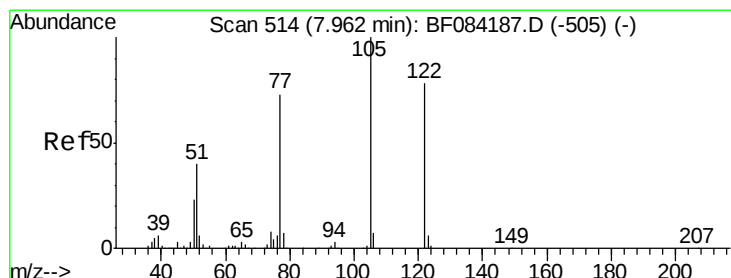
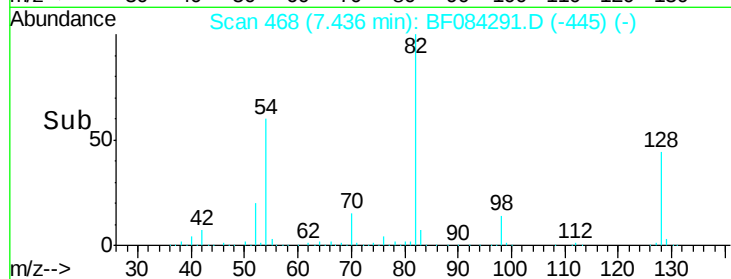
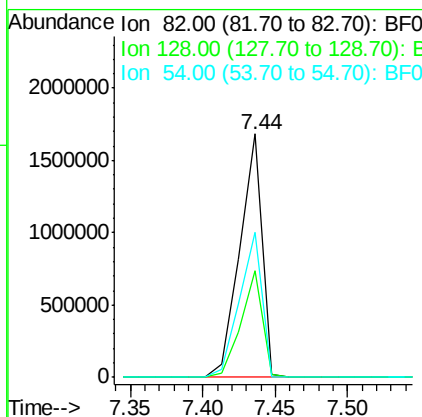
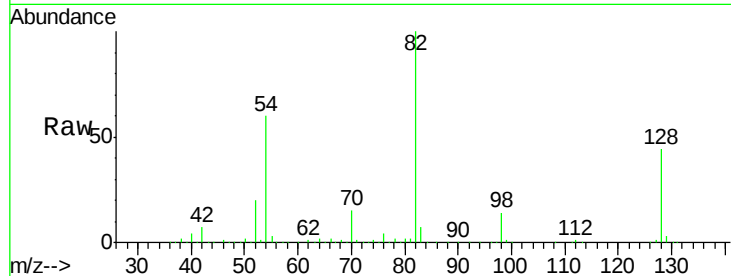




#23
 Nitrobenzene-d5
 Concen: 90.91 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF084291.D
 Acq: 6 Jan 2016 16:02

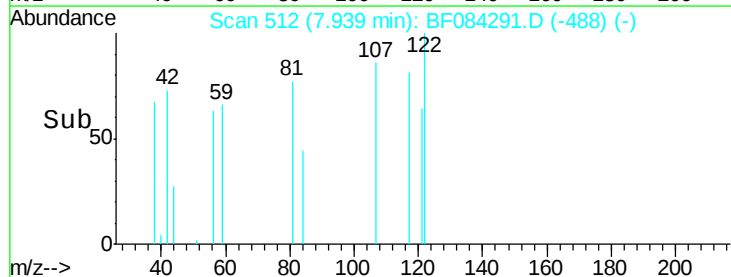
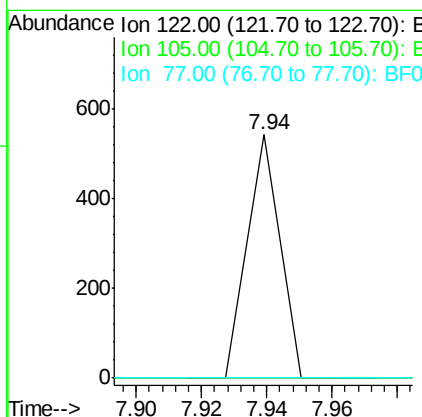
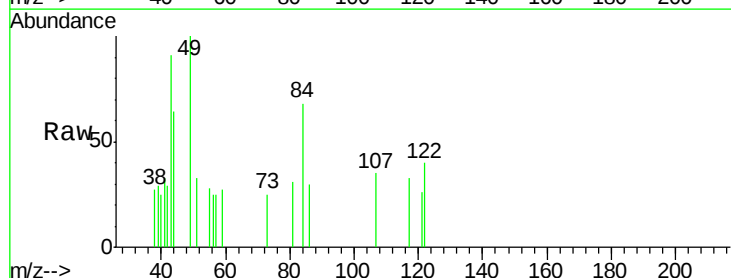
Instrument :
 BNA_F
 ClientSampleId :
 TEP-MW2-26

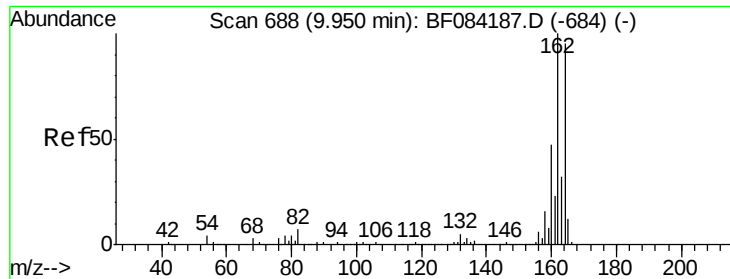
Tgt Ion: 82 Resp: 1790158
 Ion Ratio Lower Upper
 82 100
 128 44.1 34.6 51.8
 54 59.6 38.4 57.6#



#32
 Benzoic acid
 Concen: 6.28 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF084291.D
 Acq: 6 Jan 2016 16:02

Tgt Ion: 122 Resp: 372
 Ion Ratio Lower Upper
 122 100
 105 0.0 100.3 140.3#
 77 0.0 63.5 103.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF084291.D

Acq: 6 Jan 2016 16:02

Instrument :

BNA_F

ClientSampleId :

TEP-MW2-26

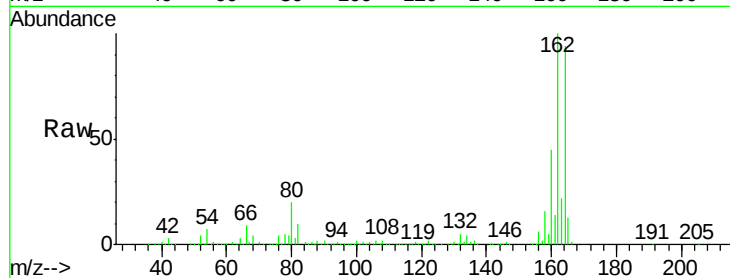
Tgt Ion:164 Resp: 501971

Ion Ratio Lower Upper

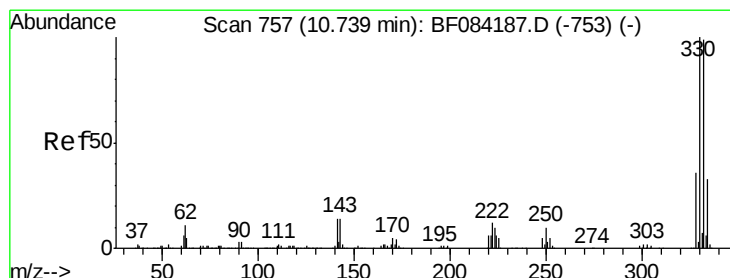
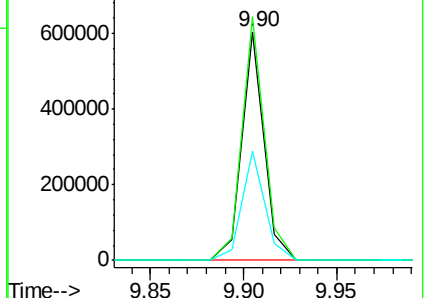
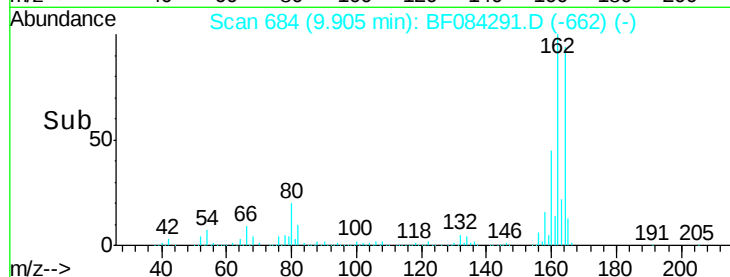
164 100

162 106.4 85.1 127.7

160 47.8 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: 138.22 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF084291.D

Acq: 6 Jan 2016 16:02

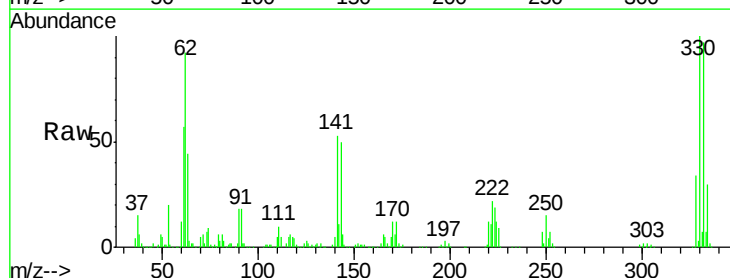
Tgt Ion:330 Resp: 700450

Ion Ratio Lower Upper

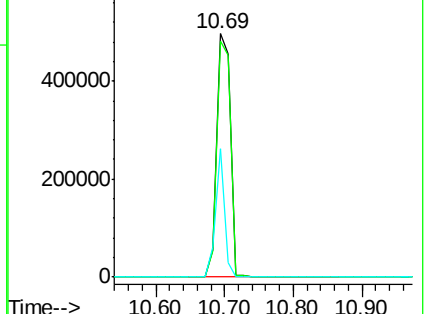
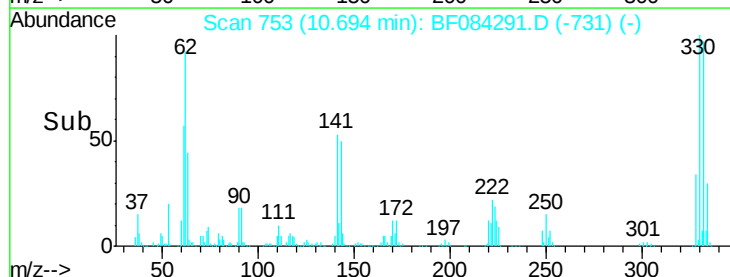
330 100

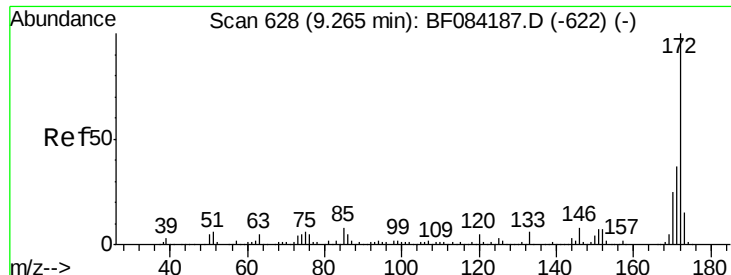
332 97.7 76.6 114.8

141 35.3 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

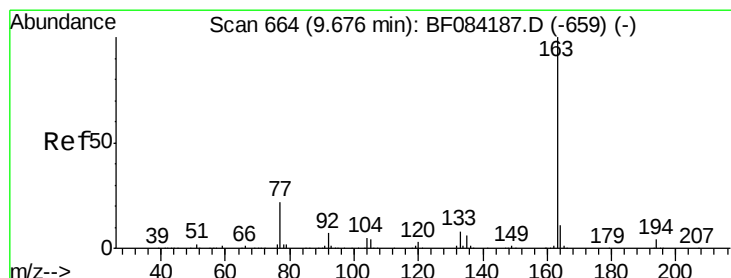
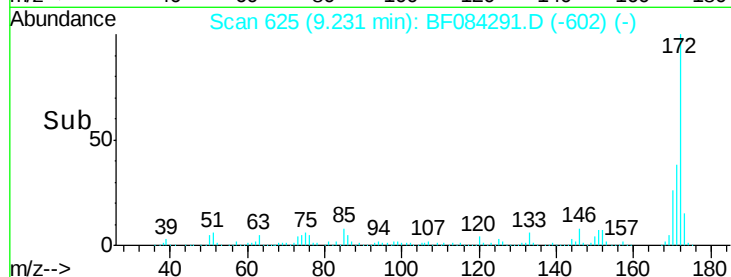
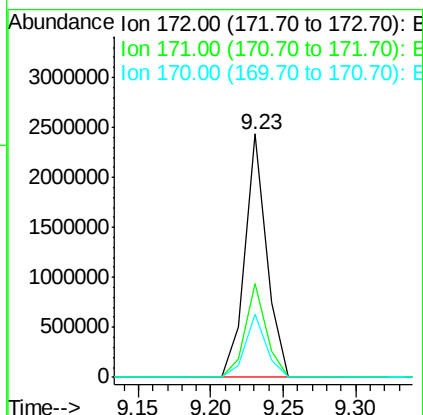
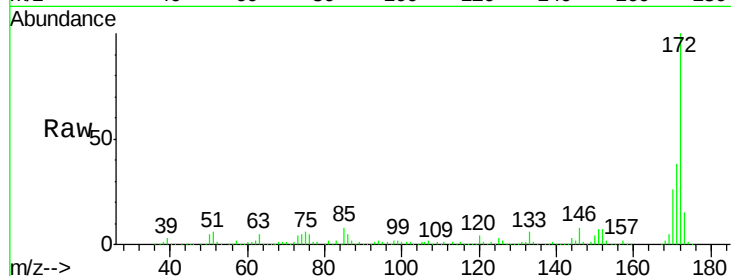




#44
 2-Fluorobiphenyl
 Concen: 89.33 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084291.D
 Acq: 6 Jan 2016 16:02

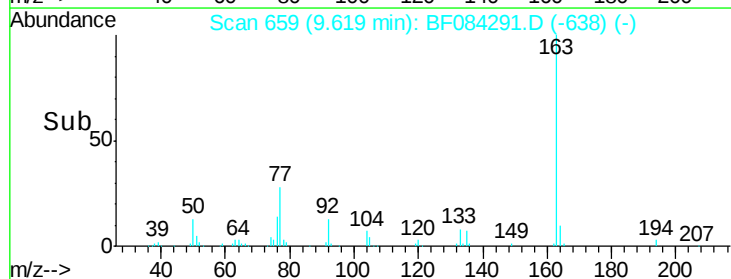
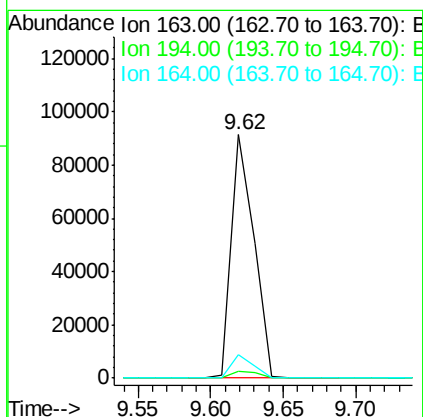
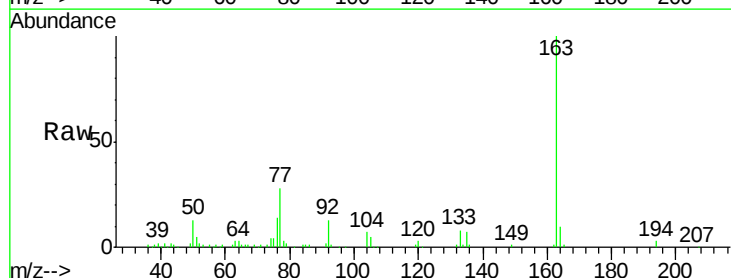
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 TEP-MW2-26

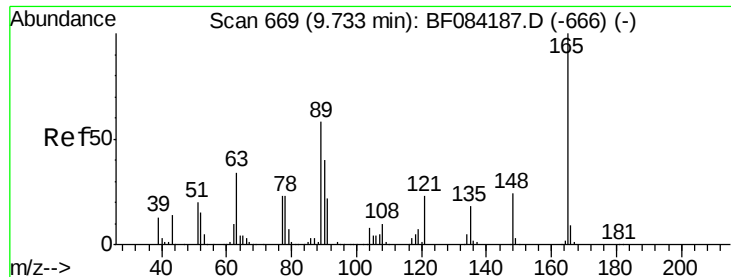
Tgt Ion:172 Resp: 2539802
 Ion Ratio Lower Upper
 172 100
 171 38.4 28.9 43.3
 170 26.1 18.6 27.8



#49
 Dimethylphthalate
 Concen: 2.76 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.06 min
 Lab File: BF084291.D
 Acq: 6 Jan 2016 16:02

Tgt Ion:163 Resp: 98991
 Ion Ratio Lower Upper
 163 100
 194 2.6 8.0 12.0#
 164 9.6 8.0 12.0

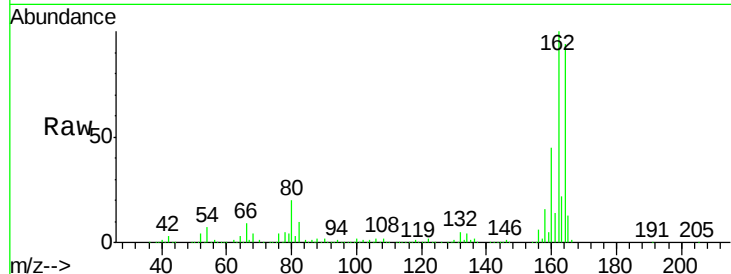




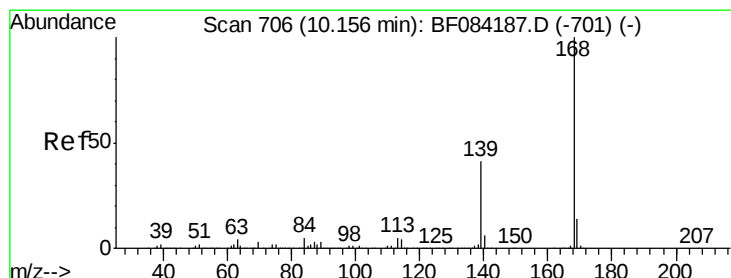
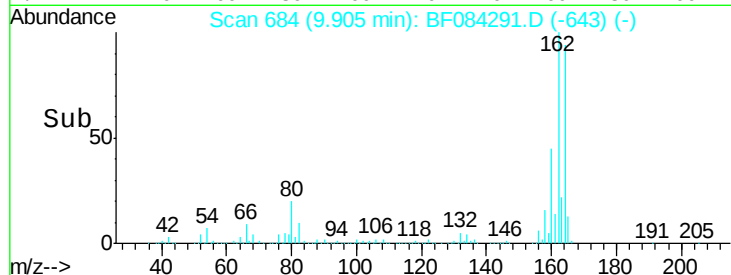
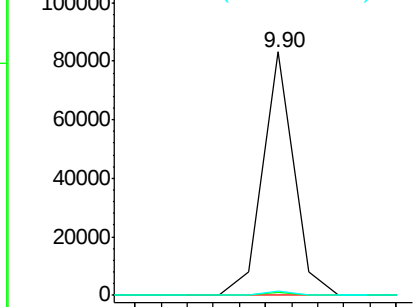
#50
2,6-Dinitrotoluene
Concen: 8.65 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.17 min
Lab File: BF084291.D
Acq: 6 Jan 2016 16:02

Instrument :
BNA_F
ClientSampleId :
TEP-MW2-26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	28.8	43.2#
89	1.6	35.1	52.7#

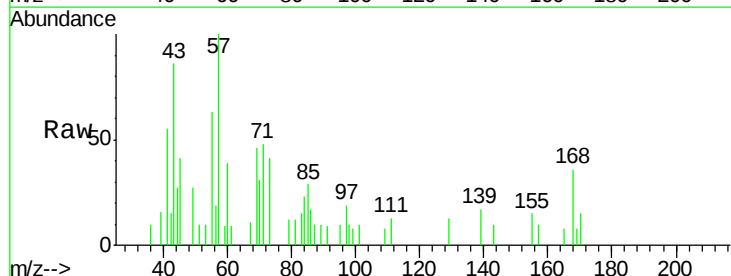


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

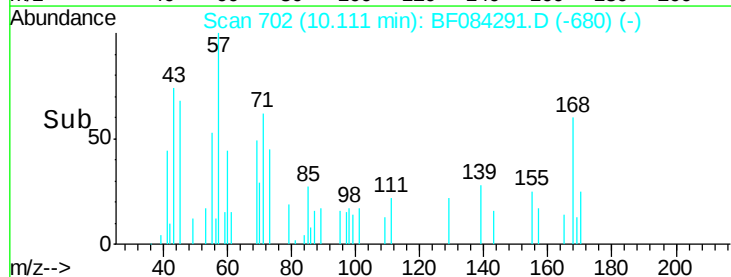
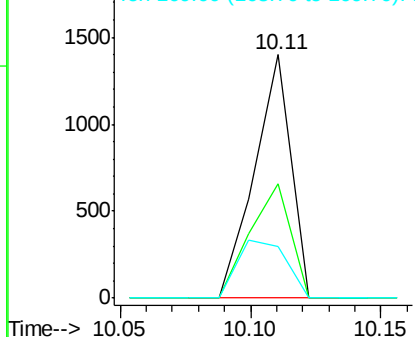


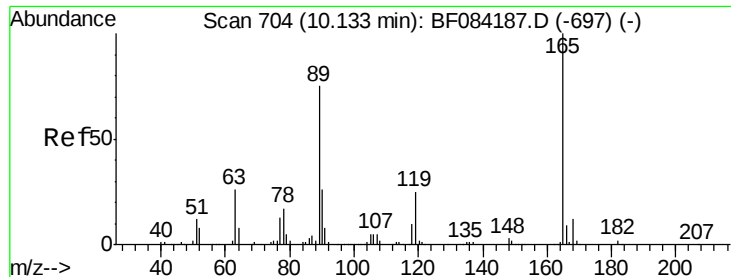
#54
Dibenzofuran
Concen: Below Cal
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084291.D
Acq: 6 Jan 2016 16:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	46.8	30.5	45.7#
169	21.4	10.4	15.6#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

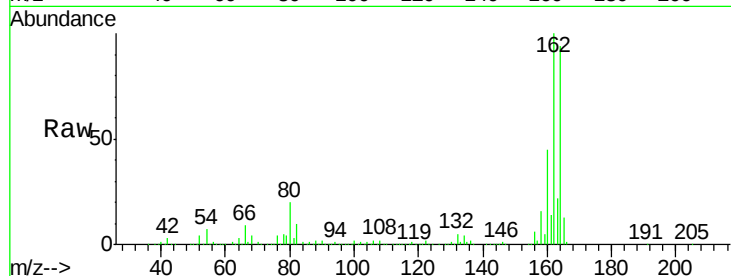




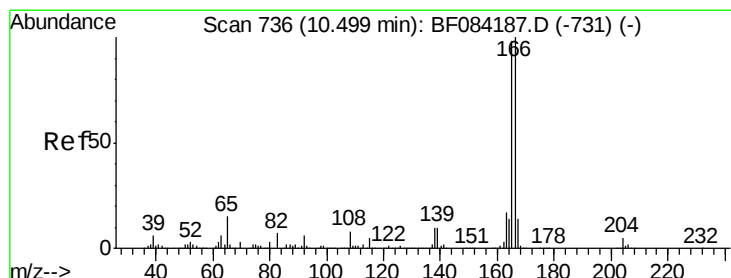
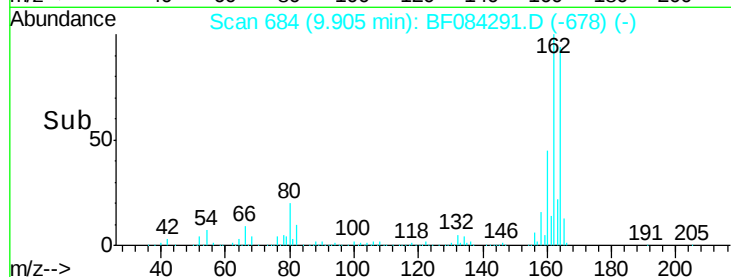
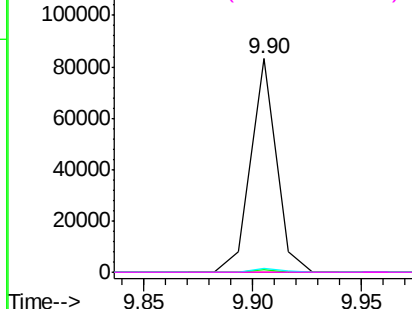
#56
2,4-Dinitrotoluene
Concen: 6.84 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF084291.D
Acq: 6 Jan 2016 16:02

Instrument :
BNA_F
ClientSampleId :
TEP-MW2-26

Tgt Ion:165 Resp: 68106
Ion Ratio Lower Upper
165 100
63 1.2 36.7 55.1#
89 1.6 61.9 92.9#
182 0.0 2.0 3.0#

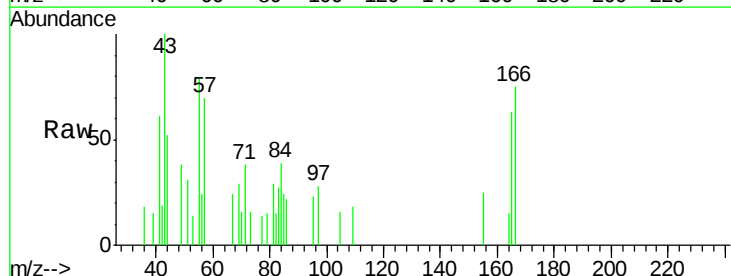


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

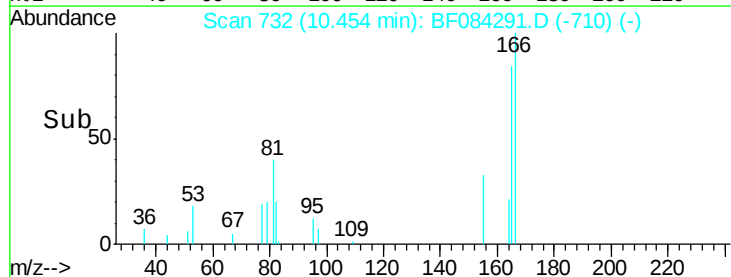
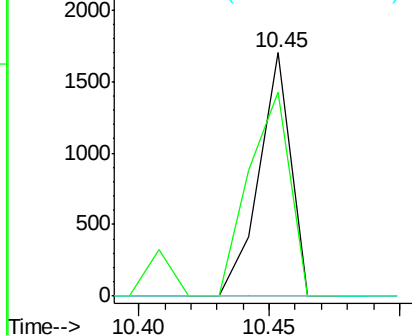


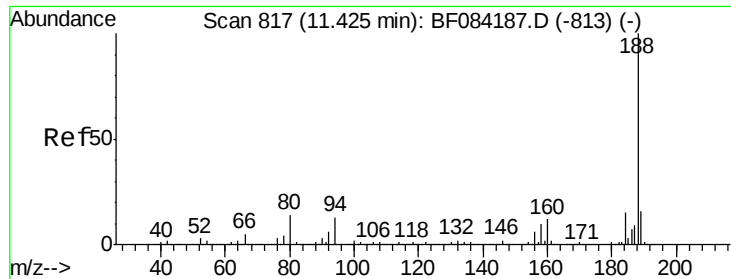
#57
Fluorene
Concen: Below Cal
RT: 10.45 min Scan# 732
Delta R.T. -0.04 min
Lab File: BF084291.D
Acq: 6 Jan 2016 16:02

Tgt Ion:166 Resp: 1452
Ion Ratio Lower Upper
166 100
165 83.9 79.1 118.7
167 0.0 10.4 15.6#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.03 min

Lab File: BF084291.D

Acq: 6 Jan 2016 16:02

Instrument :

BNA_F

ClientSampleId :

TEP-MW2-26

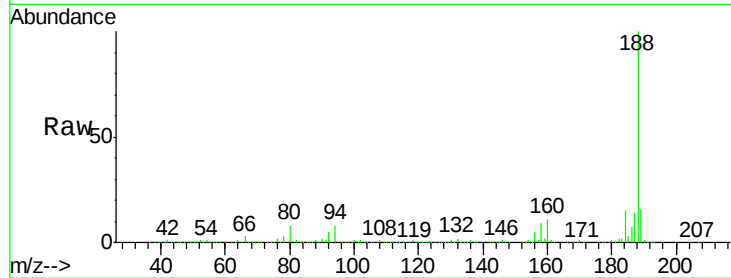
Tgt Ion:188 Resp: 964038

Ion Ratio Lower Upper

188 100

94 8.3 9.0 13.4#

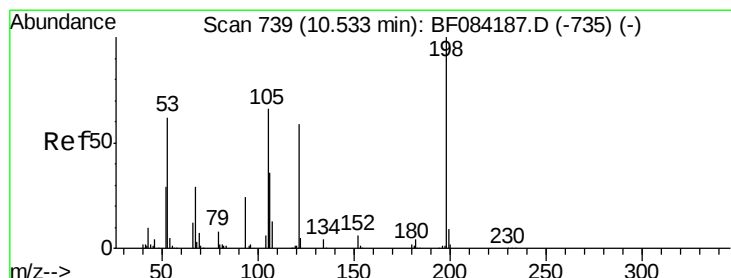
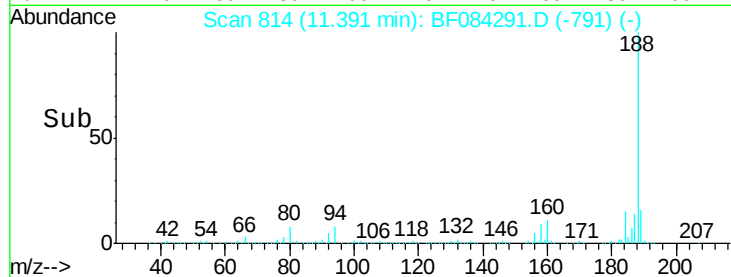
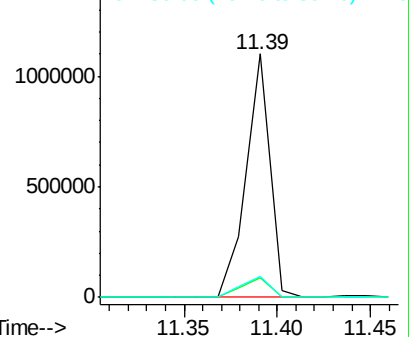
80 8.4 9.6 14.4#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 6.58 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.16 min

Lab File: BF084291.D

Acq: 6 Jan 2016 16:02

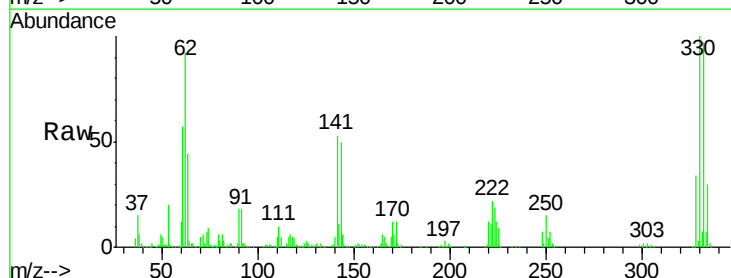
Tgt Ion:198 Resp: 1246

Ion Ratio Lower Upper

198 100

51 212.2 18.9 58.9#

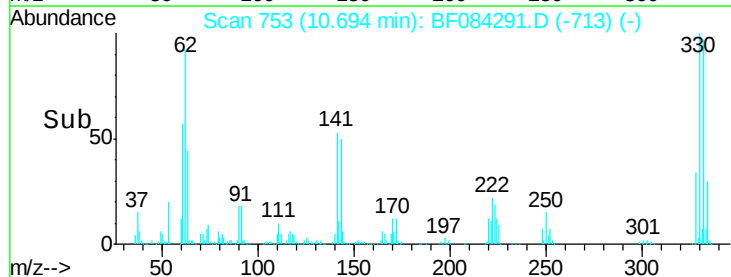
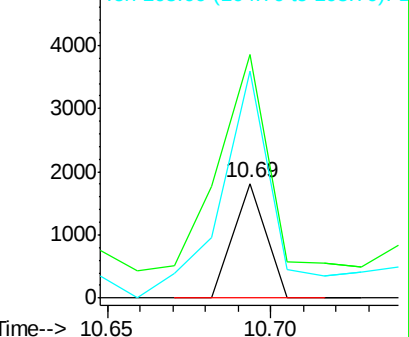
105 197.3 26.4 66.4#

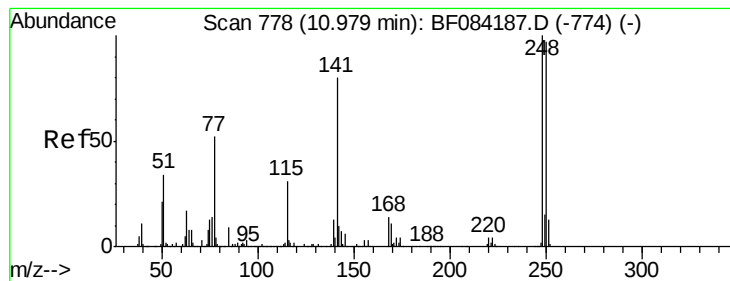


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 4.03 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.29 min

Lab File: BF084291.D

Acq: 6 Jan 2016 16:02

Instrument :

BNA_F

ClientSampleId :

TEP-MW2-26

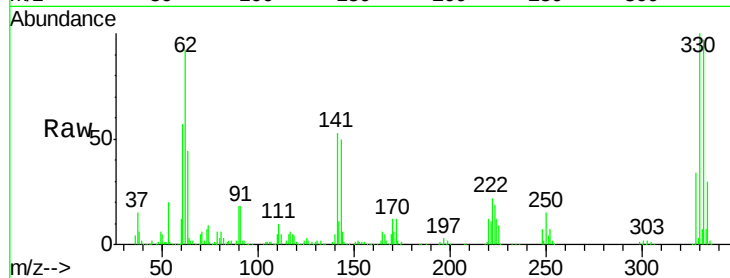
Tgt Ion:248 Resp: 41786

Ion Ratio Lower Upper

248 100

250 194.4 78.4 117.6#

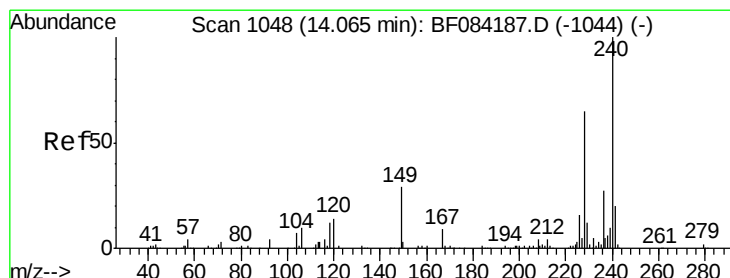
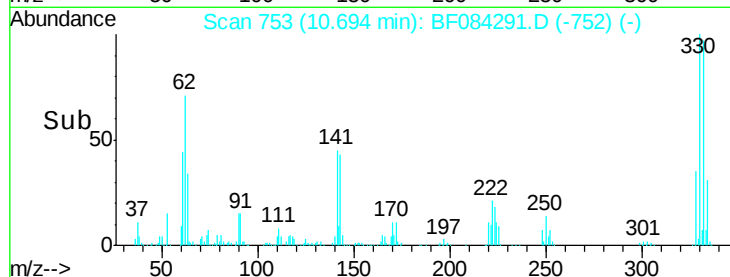
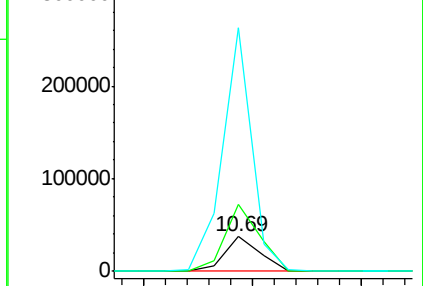
141 705.3 44.0 66.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084291.D

Acq: 6 Jan 2016 16:02

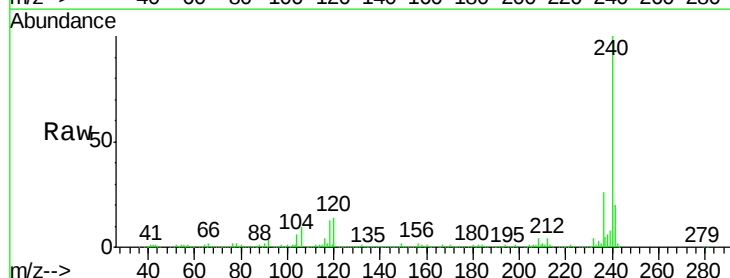
Tgt Ion:240 Resp: 792541

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3#

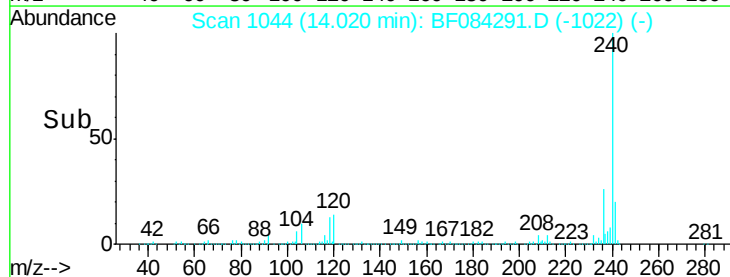
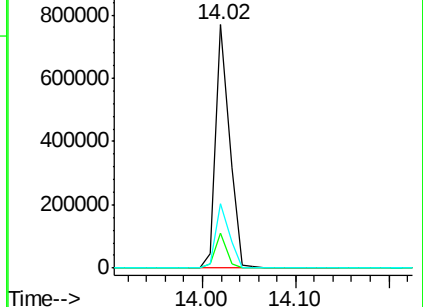
236 26.2 20.6 31.0

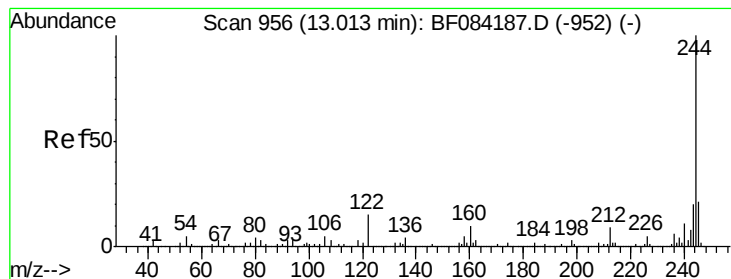


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.44 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF084291.D

Acq: 6 Jan 2016 16:02

Instrument :

BNA_F

ClientSampleId :

TEP-MW2-26

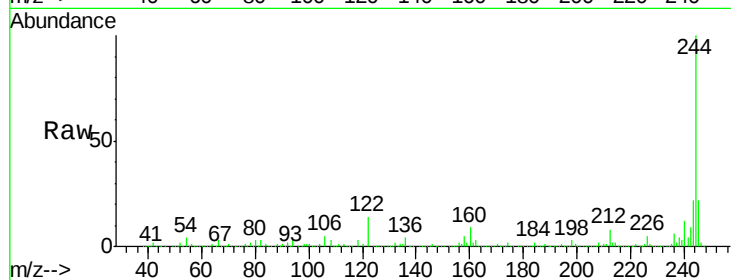
Tgt Ion:244 Resp: 2465422

Ion Ratio Lower Upper

244 100

212 8.4 5.7 8.5

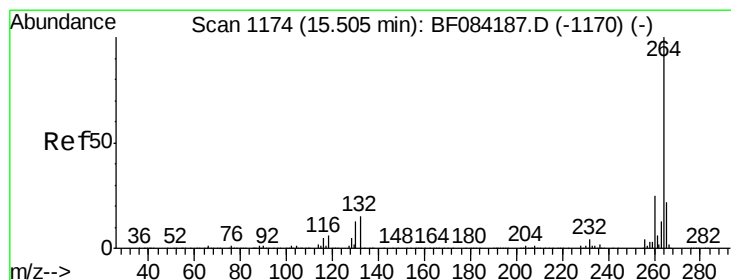
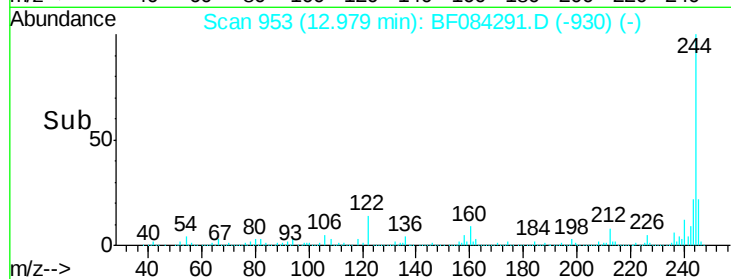
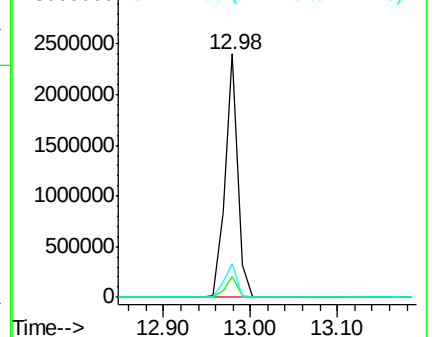
122 14.1 7.4 11.0#



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: 15.45 min Scan# 1169

Delta R.T. -0.06 min

Lab File: BF084291.D

Acq: 6 Jan 2016 16:02

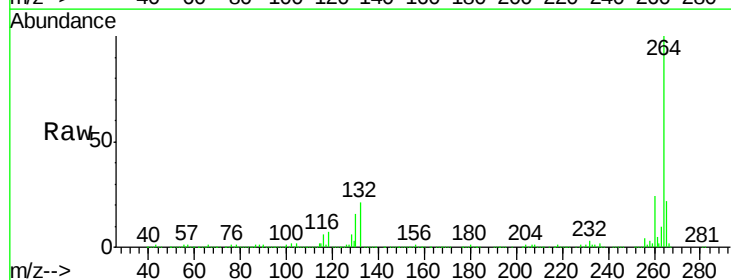
Tgt Ion:264 Resp: 648824

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.9 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

