

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086960.D
 Acq On : 13 May 2016 7:41
 Operator : UM/SJ
 Sample : H2994-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPARTAPARK-1542-00(0-2)

Quant Time: May 13 08:20:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 00:58:18 2016
 Response via : Initial Calibration

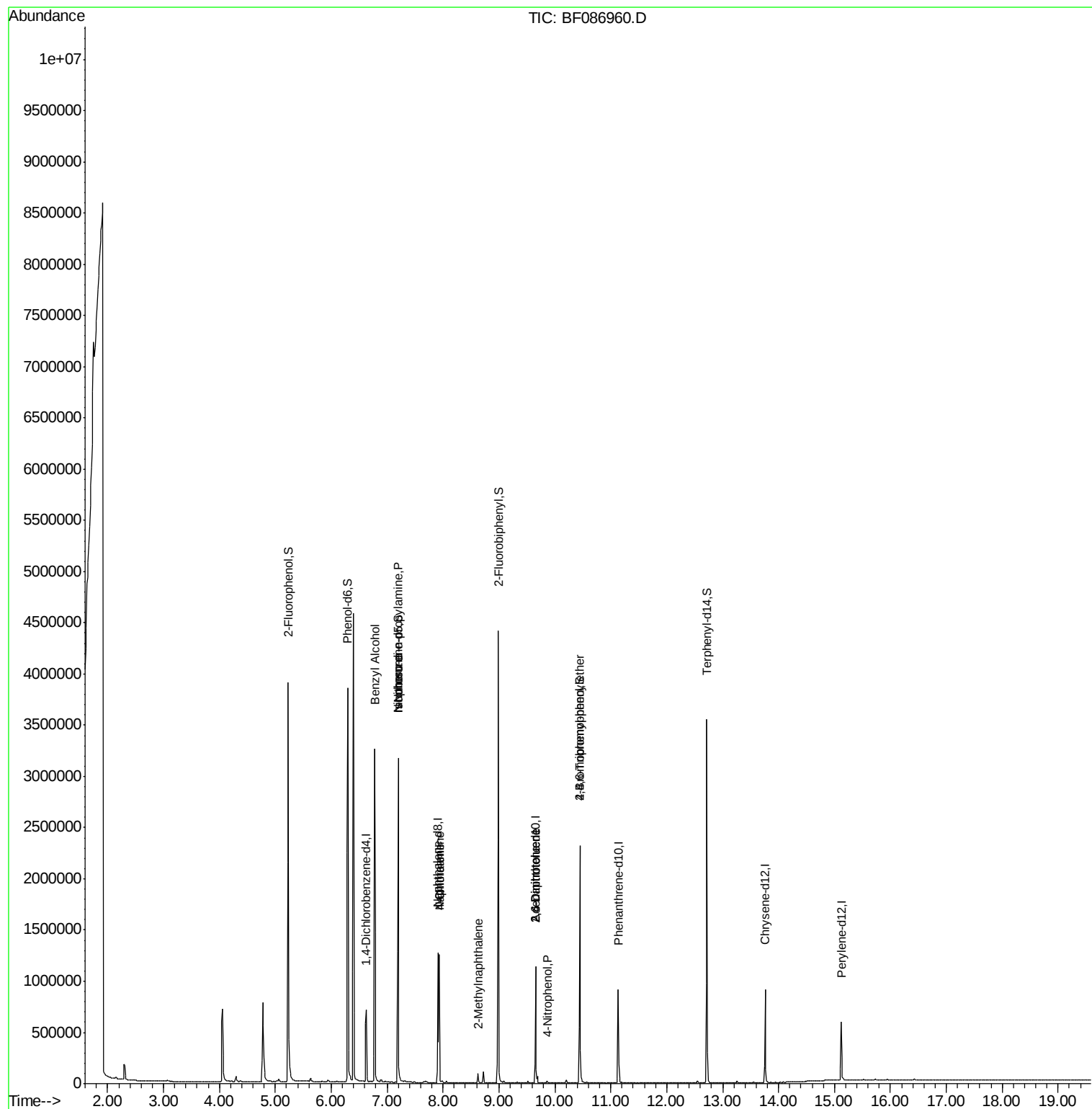
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	133521	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	515992	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	207855	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	316698	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	302668	20.00	ng	-0.01
86) Perylene-d12	15.12	264	226444	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1136407	144.14	ng	0.02
7) Phenol-d6	6.30	99	1413780	134.17	ng	0.00
23) Nitrobenzene-d5	7.20	82	1004601	97.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	245162	111.41	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1547729	125.14	ng	0.00
78) Terphenyl-d14	12.72	244	1022396	71.67	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.78	79	16712	2.30	ng	# 43
19) n-Nitroso-di-n-propylamine	7.20	70	145490	19.76	ng	# 73
25) Isophorone	7.20	82	979178	51.36	ng	# 68
31) Naphthalene	7.93	128	484832	18.76	ng	# 99
33) 4-Chloroaniline	7.93	127	63499	6.32	ng	# 33
37) 2-Methylnaphthalene	8.63	142	35632	2.36	ng	# 98
50) 2,6-Dinitrotoluene	9.66	165	25910	7.76	ng	# 21
55) 4-Nitrophenol	9.86	139	2841	5.70	ng	# 14
56) 2,4-Dinitrotoluene	9.66	165	25910	6.27	ng	# 16
66) 4-Bromophenyl-phenylether	10.44	248	15691	4.89	ng	# 1

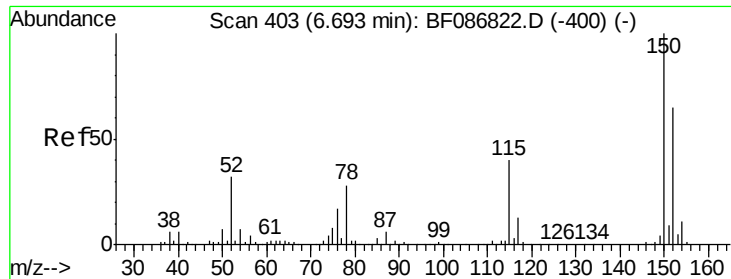
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF086960.D

Acq: 13 May 2016 7:41

Instrument :

BNA_F

ClientSampleId :

SPARTAPARK-1542-00(0-2)

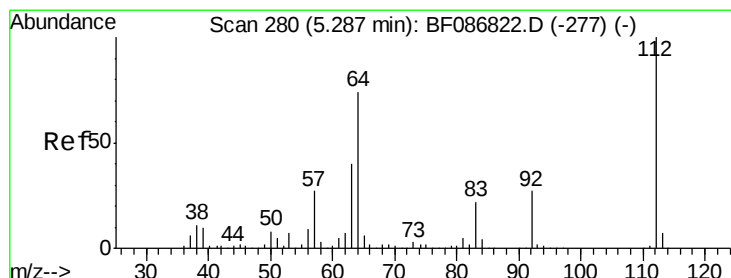
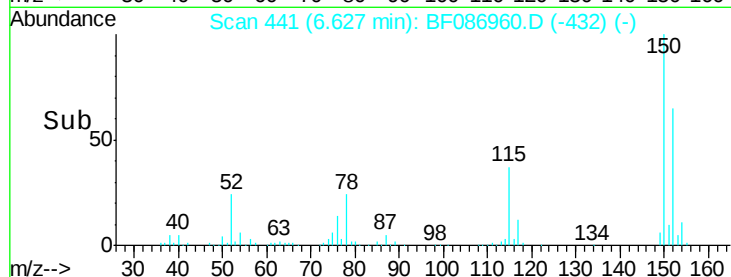
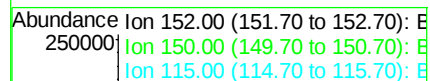
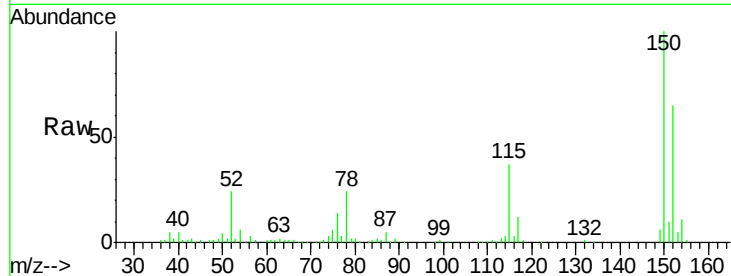
Tgt Ion:152 Resp: 133521

Ion Ratio Lower Upper

152 100

150 153.8 125.8 188.6

115 57.3 51.5 77.3



#5

2-Fluorophenol

Concen: 144.14 ng

RT: 5.23 min Scan# 319

Delta R.T. 0.02 min

Lab File: BF086960.D

Acq: 13 May 2016 7:41

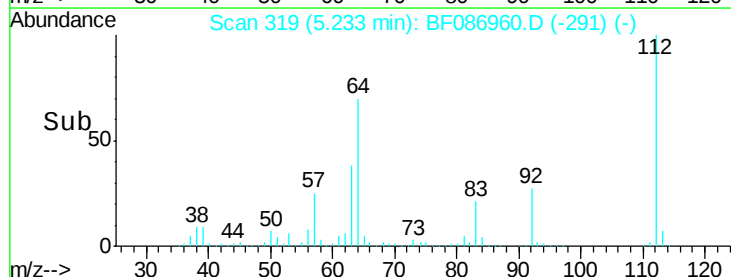
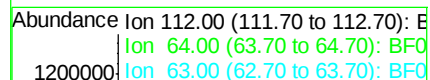
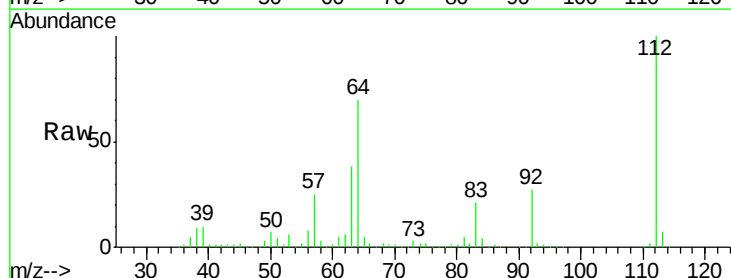
Tgt Ion:112 Resp: 1136407

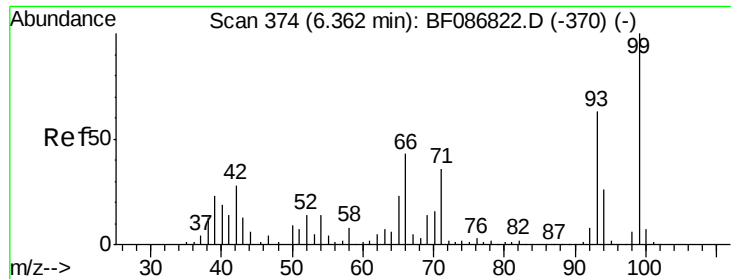
Ion Ratio Lower Upper

112 100

64 69.6 52.1 78.1

63 37.9 25.7 38.5





#7

Phenol-d6

Concen: 134.17 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF086960.D

Acq: 13 May 2016 7:41

Instrument :

BNA_F

ClientSampleId :

SPARTAPARK-1542-00(0-2)

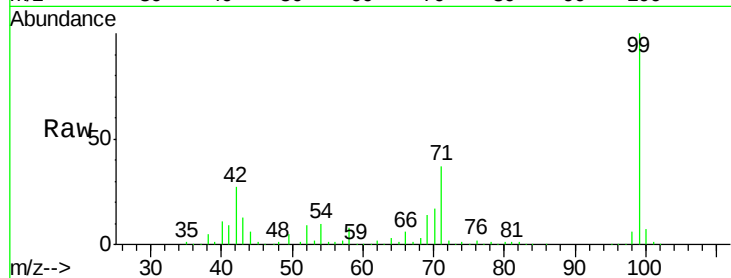
Tgt Ion: 99 Resp: 1413780

Ion Ratio Lower Upper

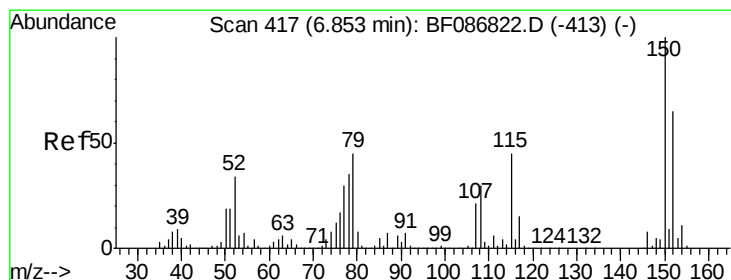
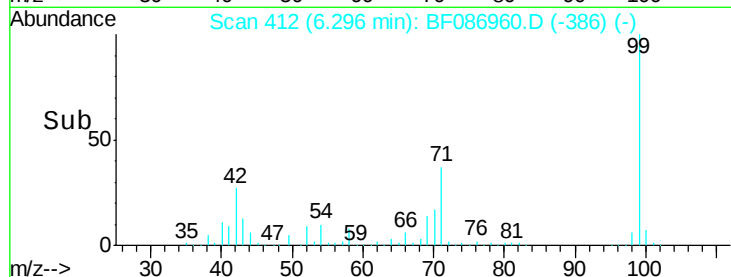
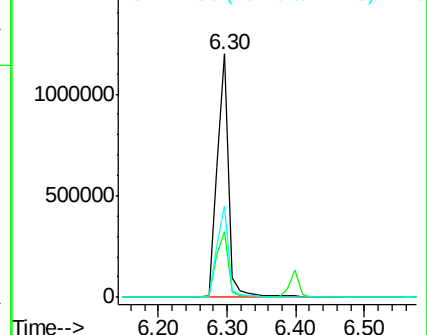
99 100

42 27.1 13.6 20.4#

71 37.4 24.6 36.8#



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



#15

Benzyl Alcohol

Concen: 2.30 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086960.D

Acq: 13 May 2016 7:41

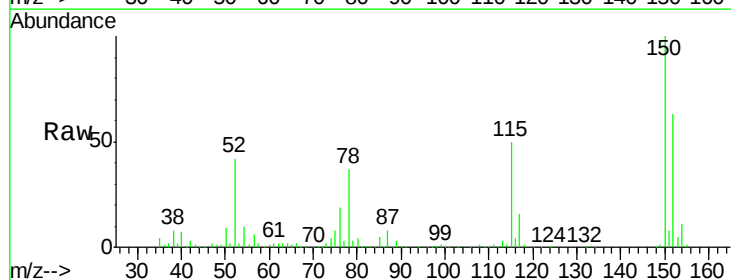
Tgt Ion: 79 Resp: 16712

Ion Ratio Lower Upper

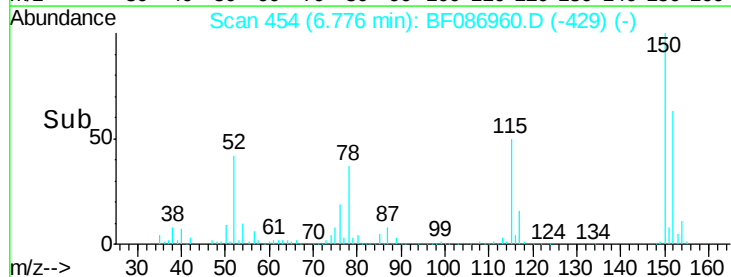
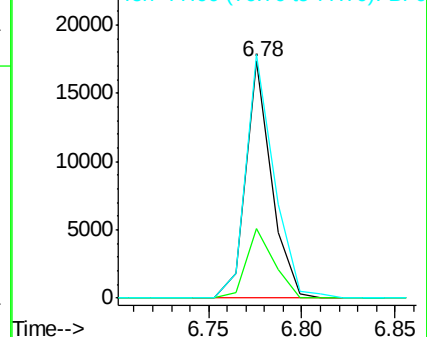
79 100

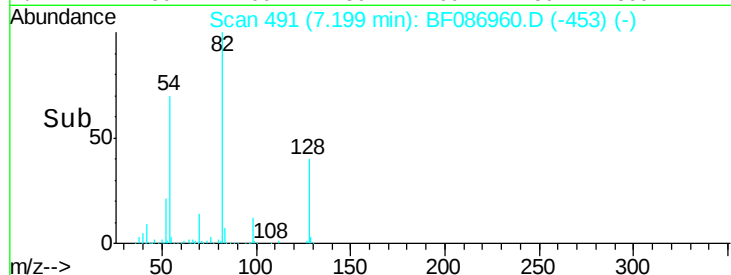
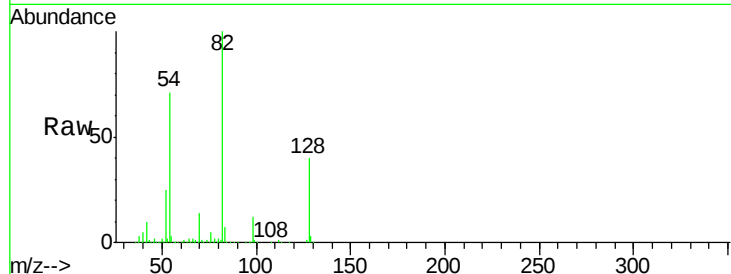
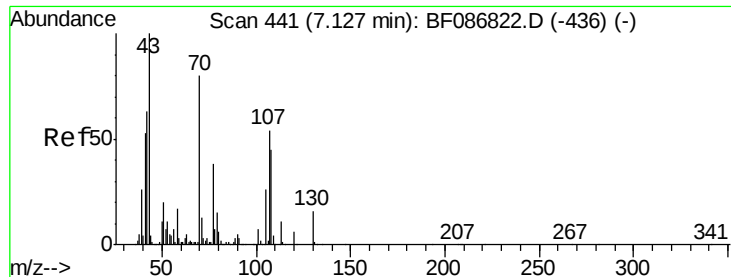
108 29.5 68.4 102.6#

77 102.8 50.6 76.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

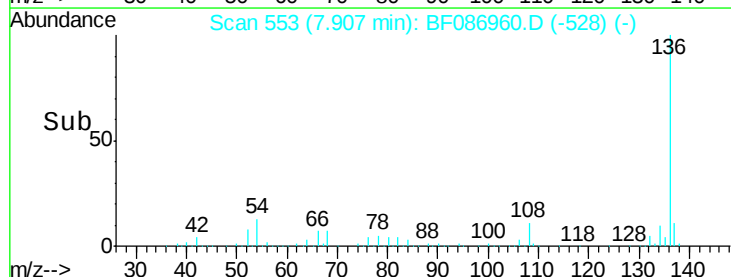
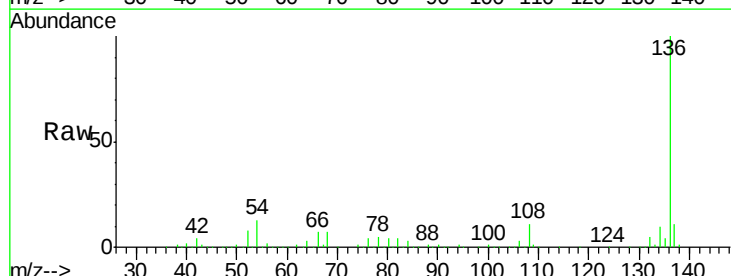
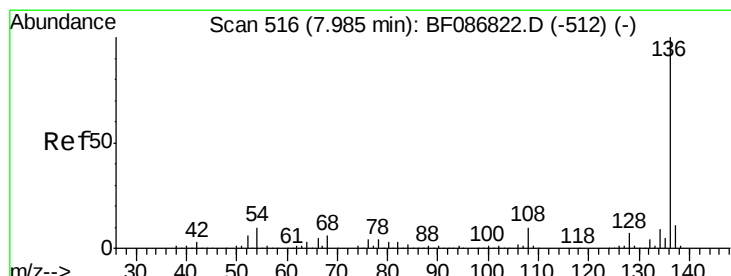
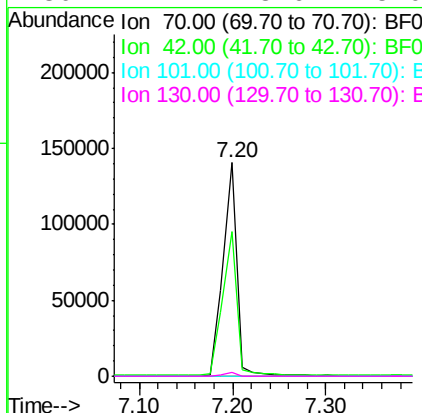




#19
n-Nitroso-di-n-propylamine
Concen: 19.76 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.14 min
Lab File: BF086960.D
Acq: 13 May 2016 7:41

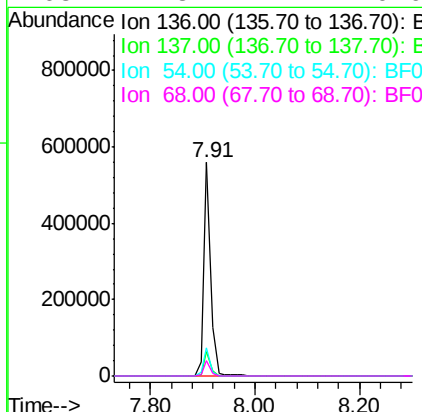
Instrument :
BNA_F
ClientSampleId :
SPARTAPARK-1542-00(0-2)

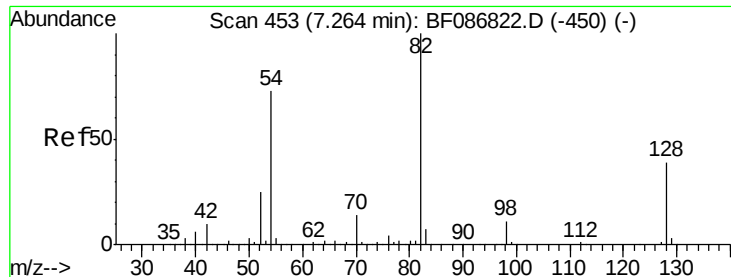
Tgt Ion: 70 Resp: 145490
Ion Ratio Lower Upper
70 100
42 67.9 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF086960.D
Acq: 13 May 2016 7:41

Tgt Ion: 136 Resp: 515992
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 13.4 5.0 7.4#
68 7.3 4.4 6.6#

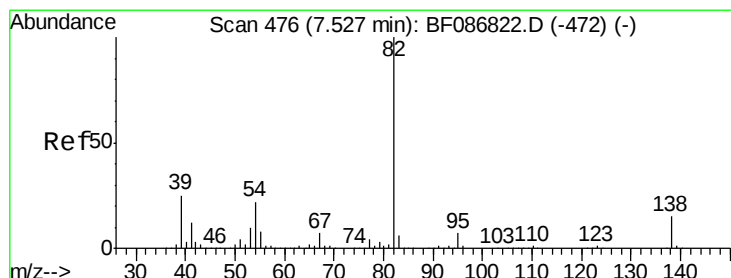
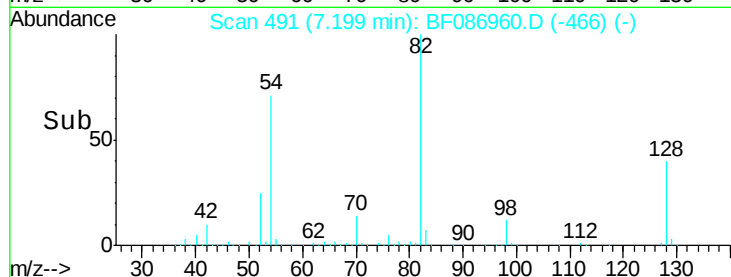
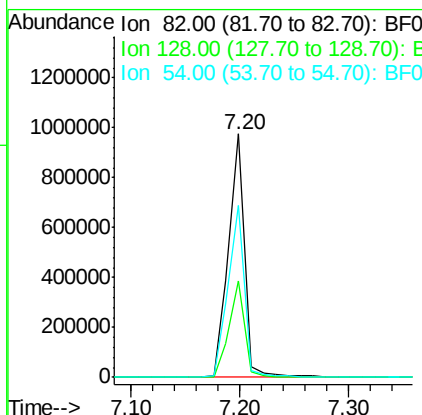
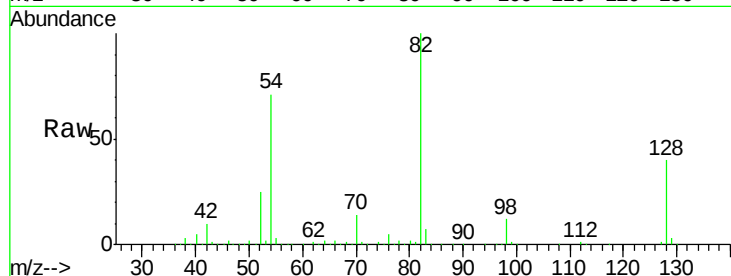




#23
 Nitrobenzene-d5
 Concen: 97.76 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF086960.D
 Acq: 13 May 2016 7:41

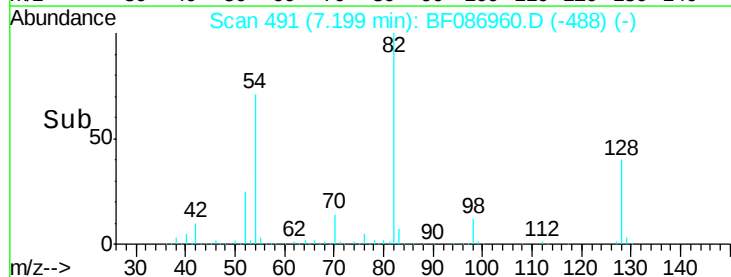
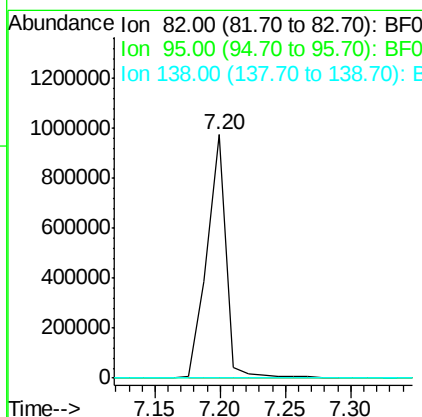
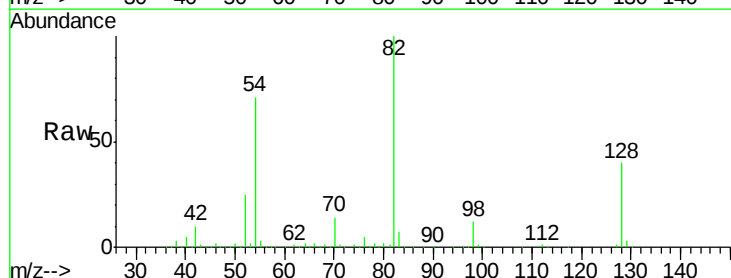
Instrument :
 BNA_F
 ClientSampleId :
 SPARTAPARK-1542-00(0-2)

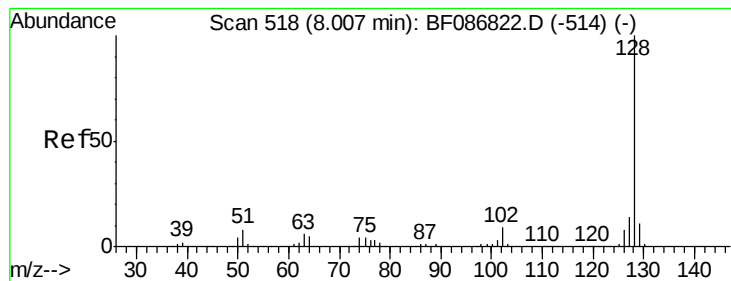
Tgt Ion: 82 Resp: 1004601
 Ion Ratio Lower Upper
 82 100
 128 39.7 40.6 61.0#
 54 70.7 38.1 57.1#



#25
 Isophorone
 Concen: 51.36 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.26 min
 Lab File: BF086960.D
 Acq: 13 May 2016 7:41

Tgt Ion: 82 Resp: 979178
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#





#31

Naphthalene

Concen: 18.76 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF086960.D

Acq: 13 May 2016 7:41

Instrument :

BNA_F

ClientSampleId :

SPARTAPARK-1542-00(0-2)

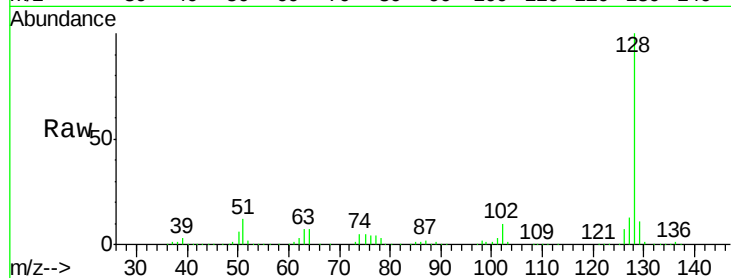
Tgt Ion:128 Resp: 484832

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

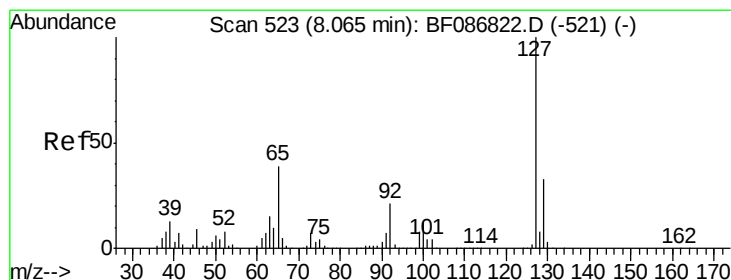
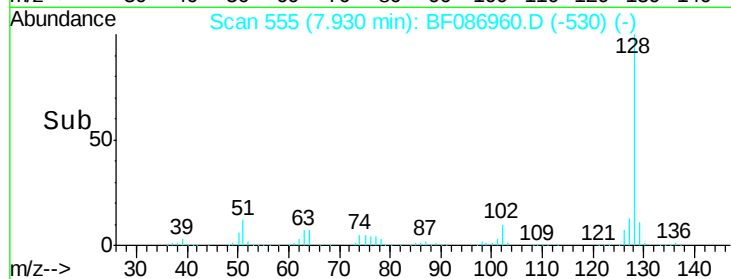
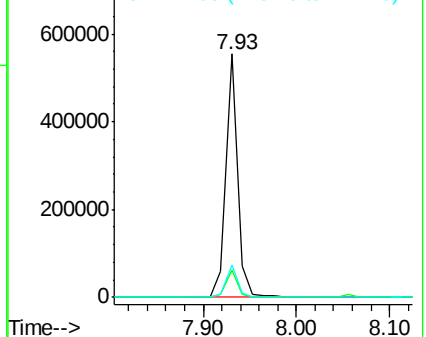
127 13.3 10.8 16.2



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



#33

4-Chloroaniline

Concen: 6.32 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.07 min

Lab File: BF086960.D

Acq: 13 May 2016 7:41

Tgt Ion:127 Resp: 63499

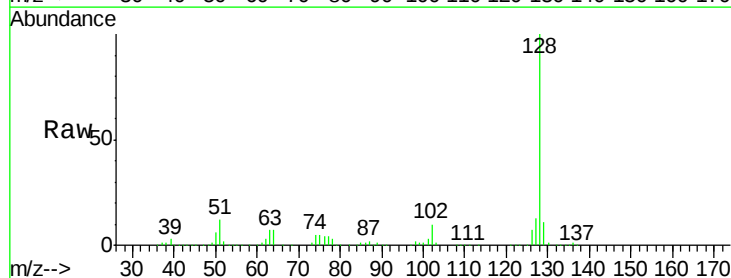
Ion Ratio Lower Upper

127 100

129 84.9 26.2 39.4#

65 0.0 23.0 34.4#

92 0.0 15.1 22.7#

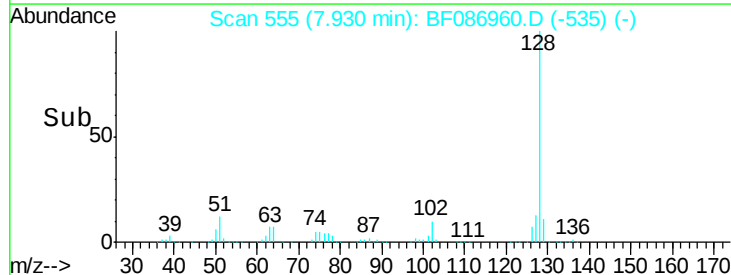
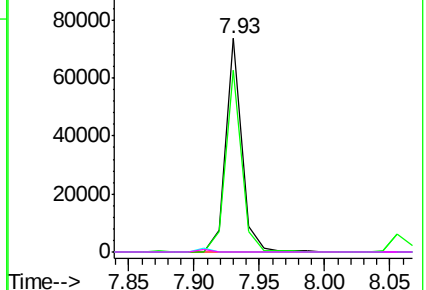


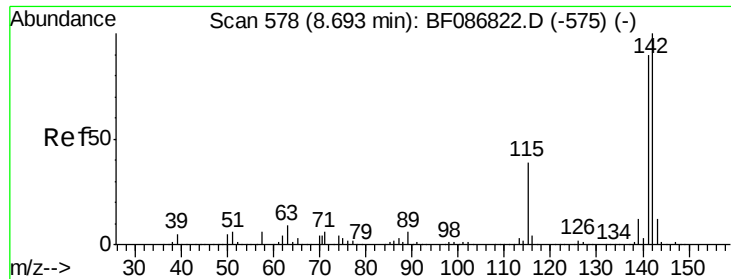
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

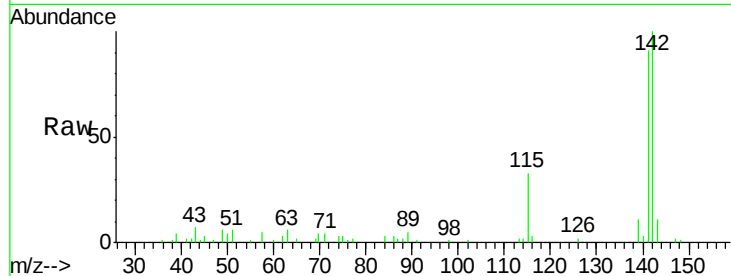




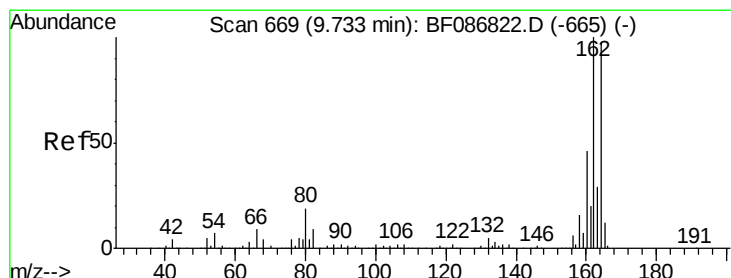
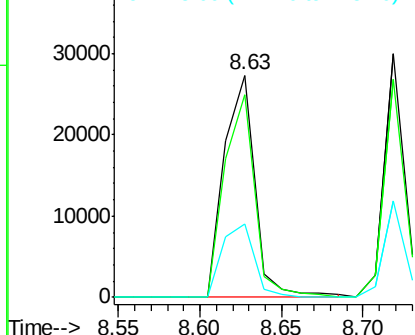
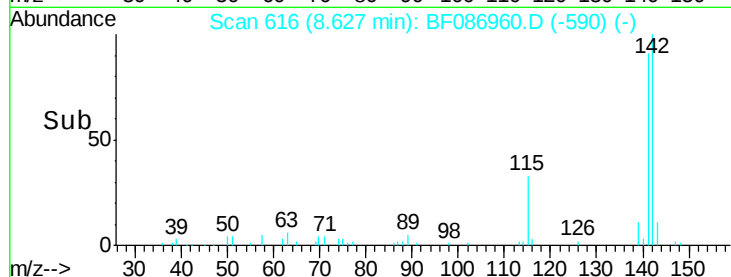
#37
 2-Methylnaphthalene
 Concen: 2.36 ng
 RT: 8.63 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF086960.D
 Acq: 13 May 2016 7:41

Instrument :
 BNA_F
 ClientSampleId :
 SPARTAPARK-1542-00(0-2)

Tgt Ion:142 Resp: 35632
 Ion Ratio Lower Upper
 142 100
 141 91.3 71.0 106.6
 115 32.8 26.6 39.8

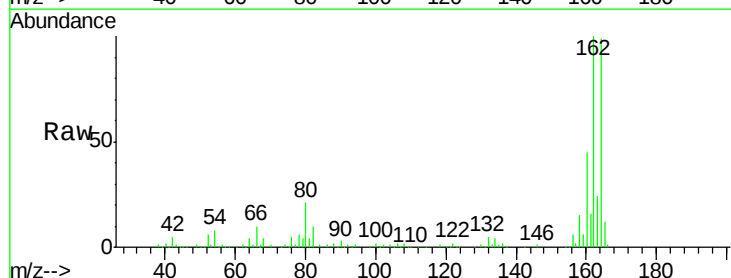


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

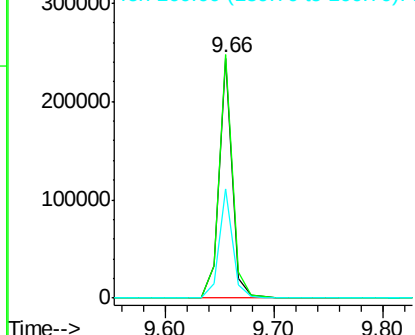
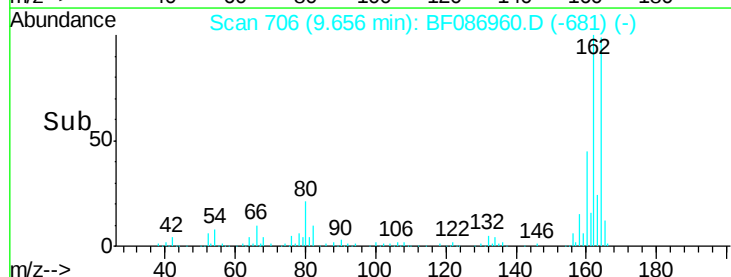


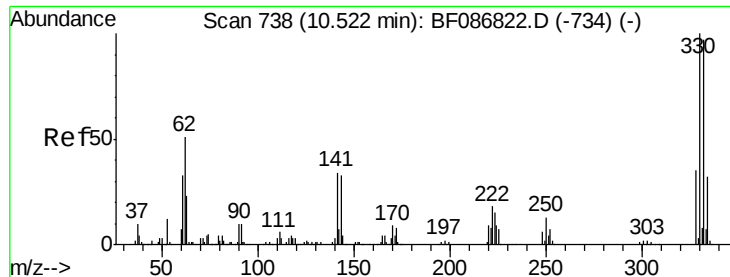
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF086960.D
 Acq: 13 May 2016 7:41

Tgt Ion:164 Resp: 207855
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.8 124.2
 160 45.7 36.9 55.3



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

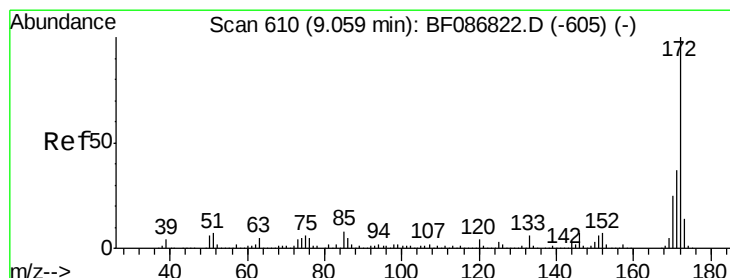
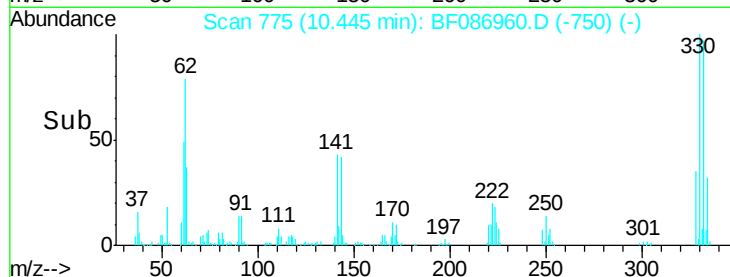
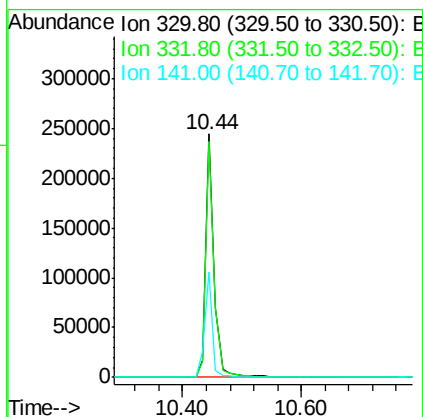
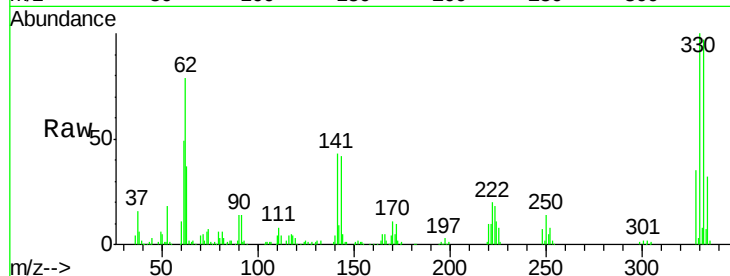




#41
 2,4,6-Tribromophenol
 Concen: 111.41 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF086960.D
 Acq: 13 May 2016 7:41

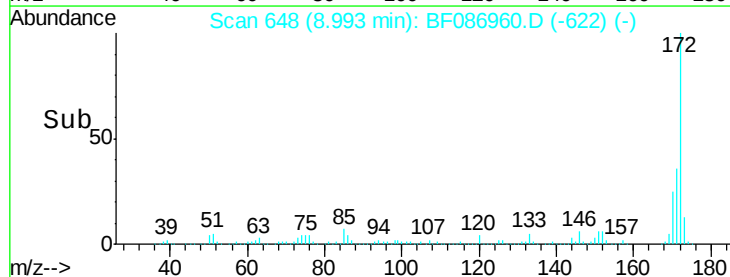
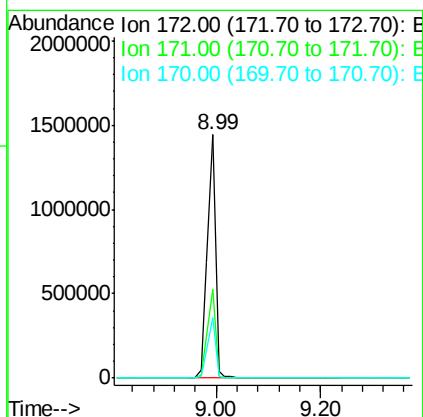
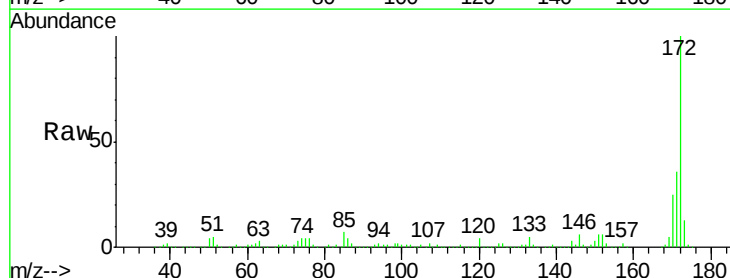
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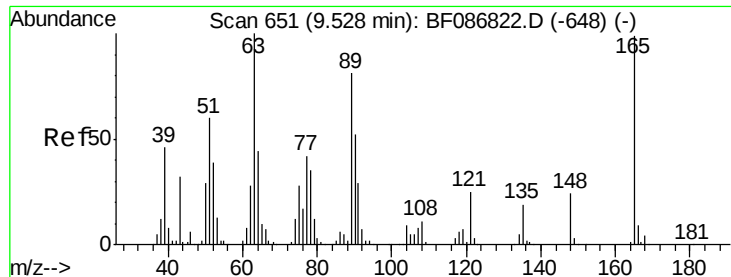
Tgt Ion:330 Resp: 245162
 Ion Ratio Lower Upper
 330 100
 332 97.3 79.0 118.4
 141 40.7 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 125.14 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF086960.D
 Acq: 13 May 2016 7:41

Tgt Ion:172 Resp: 1547729
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.8 19.8 29.8





#50

2,6-Dinitrotoluene

Concen: 7.76 ng

RT: 9.66 min Scan# 706

Delta R.T. 0.18 min

Lab File: BF086960.D

Acq: 13 May 2016 7:41

Instrument :

BNA_F

ClientSampleId :

SPARTAPARK-1542-00(0-2)

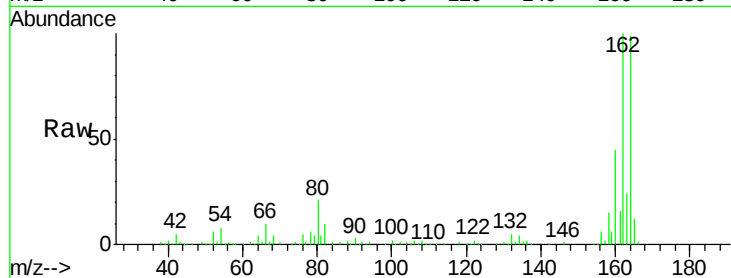
Tgt Ion:165 Resp: 25910

Ion Ratio Lower Upper

165 100

63 2.5 51.8 77.8#

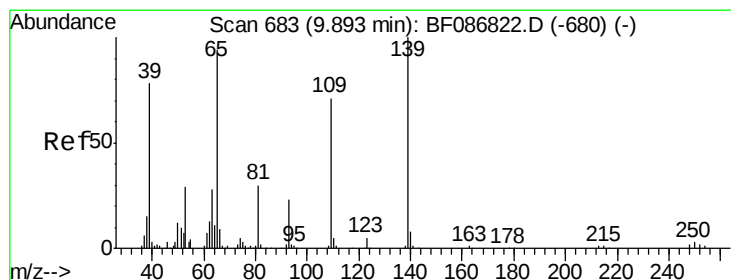
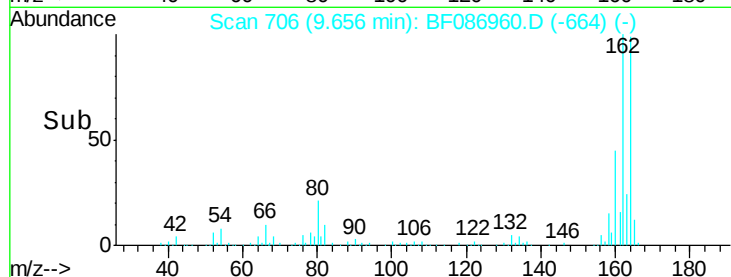
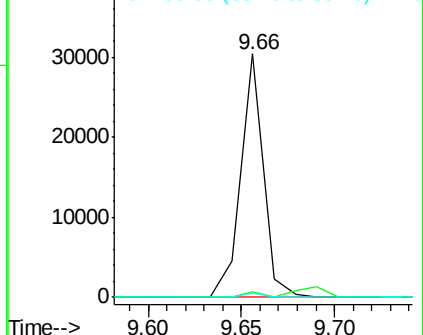
89 1.7 50.7 76.1#



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



#55

4-Nitrophenol

Concen: 5.70 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.03 min

Lab File: BF086960.D

Acq: 13 May 2016 7:41

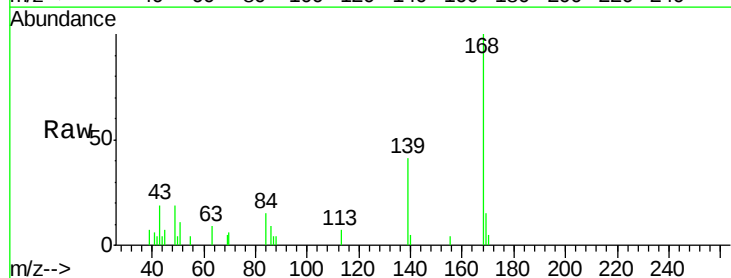
Tgt Ion:139 Resp: 2841

Ion Ratio Lower Upper

139 100

109 0.0 36.9 76.9#

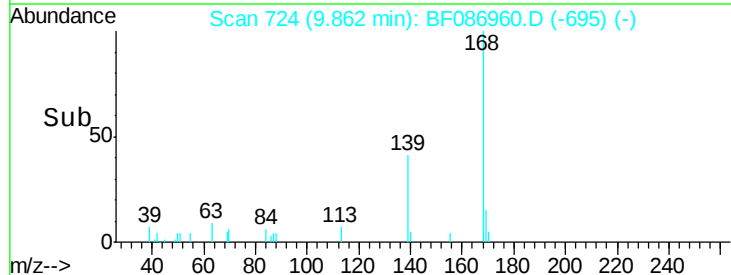
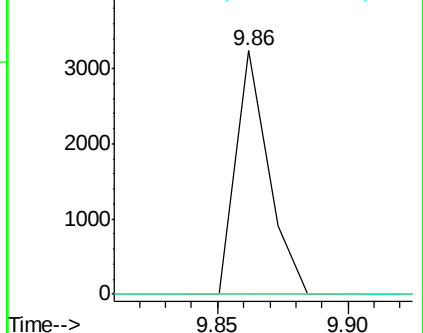
65 0.0 64.0 104.0#

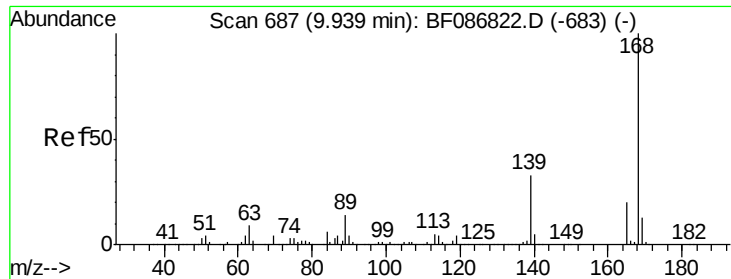


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

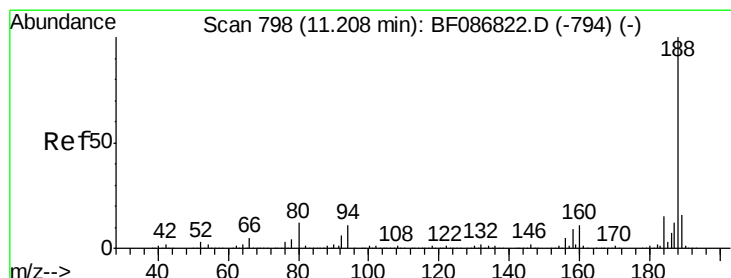
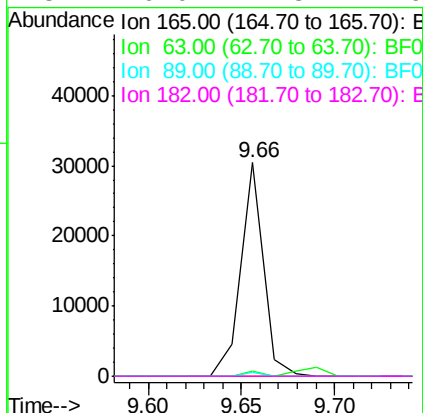
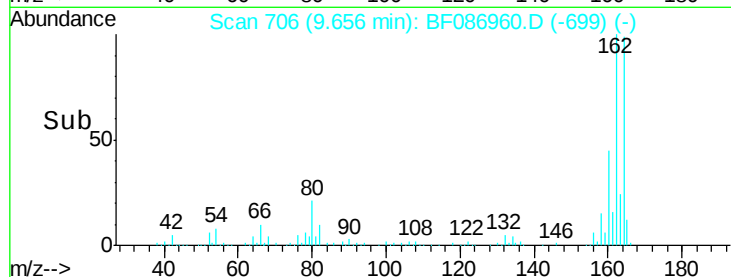
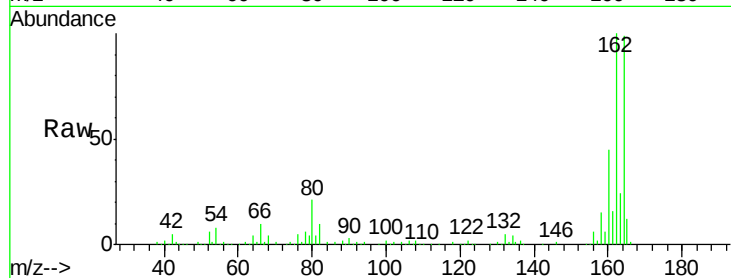




#56
 2,4-Dinitrotoluene
 Concen: 6.27 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.22 min
 Lab File: BF086960.D
 Acq: 13 May 2016 7:41

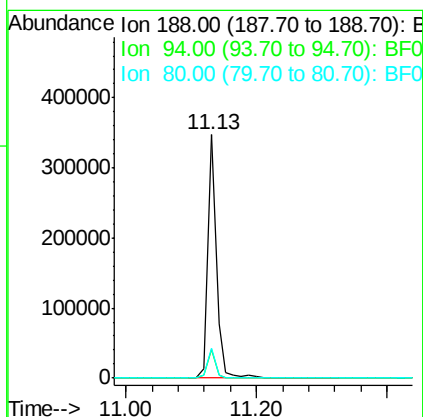
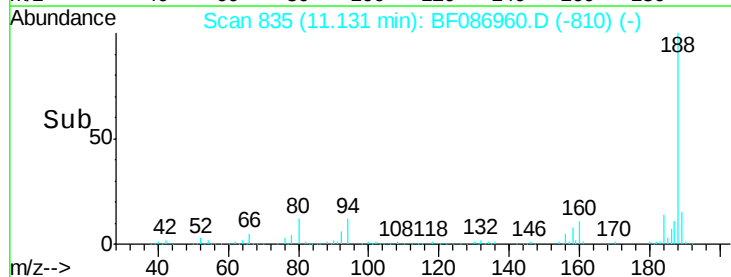
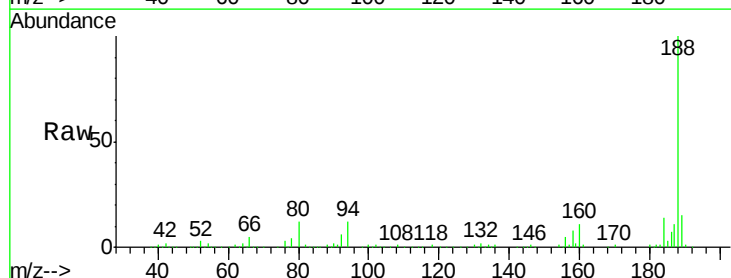
Instrument :
 BNA_F
 ClientSampleId :
 SPARTAPARK-1542-00(0-2)

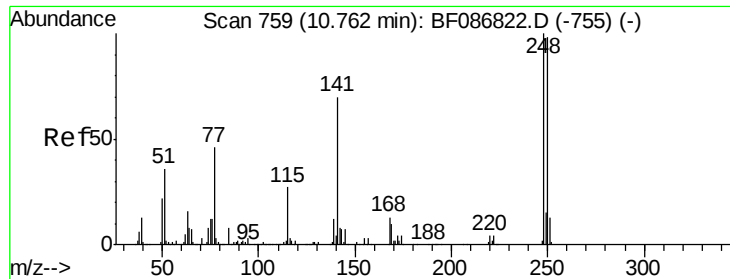
Tgt Ion:165 Resp: 25910
 Ion Ratio Lower Upper
 165 100
 63 2.5 44.3 66.5#
 89 1.7 70.0 105.0#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF086960.D
 Acq: 13 May 2016 7:41

Tgt Ion:188 Resp: 316698
 Ion Ratio Lower Upper
 188 100
 94 11.6 6.8 10.2#
 80 12.3 7.1 10.7#

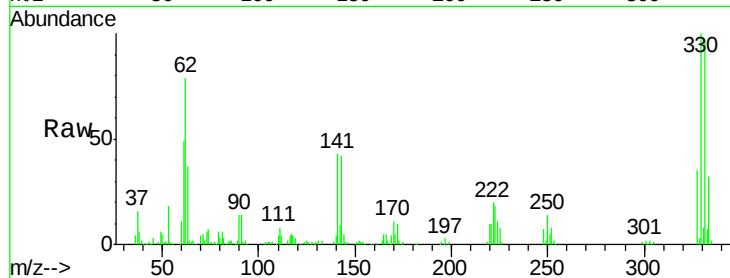




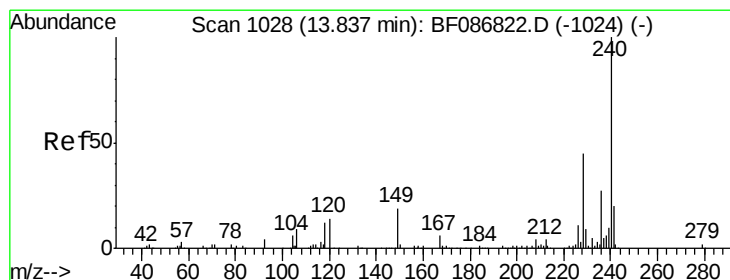
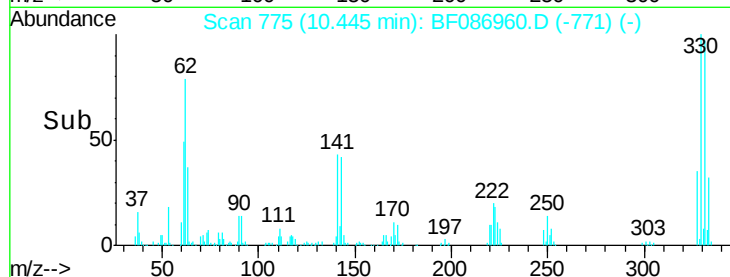
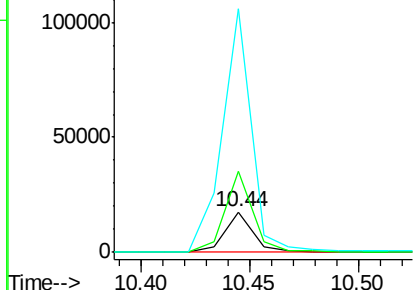
#66
4-Bromophenyl-phenylether
Concen: 4.89 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.25 min
Lab File: BF086960.D
Acq: 13 May 2016 7:41

Instrument :
BNA_F
ClientSampleId :
SPARTAPARK-1542-00(0-2)

Tgt Ion:248 Resp: 15691
Ion Ratio Lower Upper
248 100
250 201.1 78.6 117.8#
141 605.1 76.0 114.0#

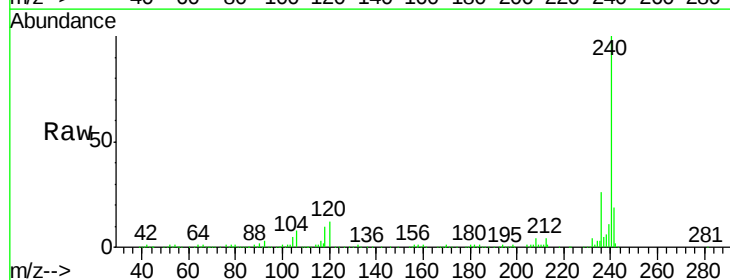


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

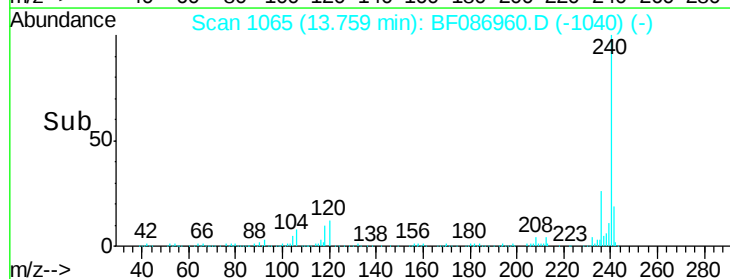
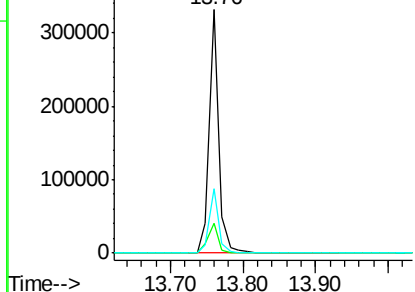


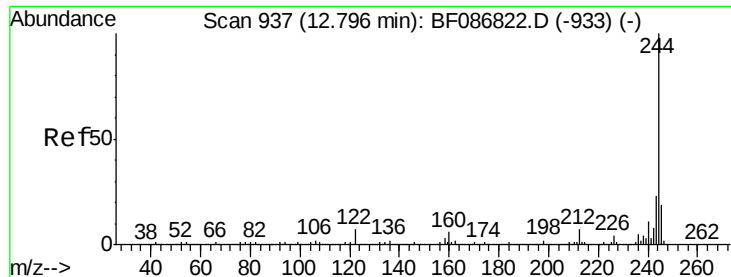
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF086960.D
Acq: 13 May 2016 7:41

Tgt Ion:240 Resp: 302668
Ion Ratio Lower Upper
240 100
120 12.1 11.2 16.8
236 26.4 21.2 31.8



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: 71.67 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF086960.D

Acq: 13 May 2016 7:41

Instrument :

BNA_F

ClientSampleId :

SPARTAPARK-1542-00(0-2)

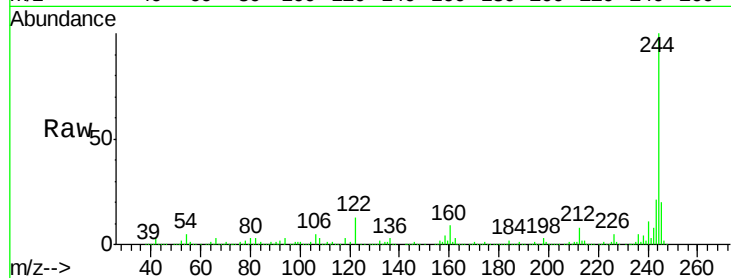
Tgt Ion:244 Resp: 1022396

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

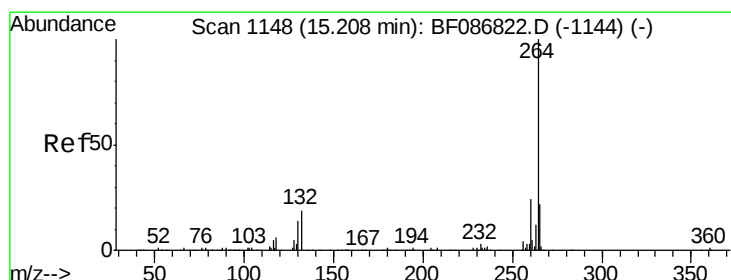
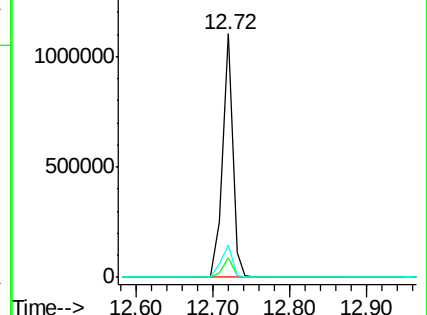
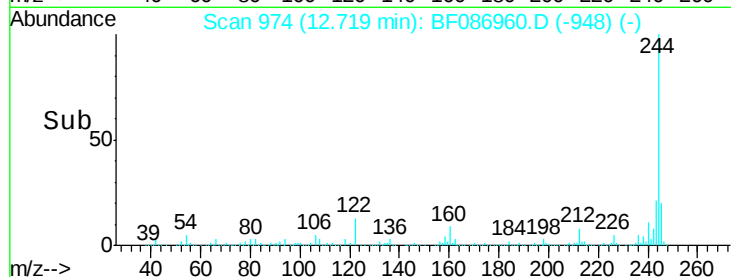
122 13.2 12.0 18.0



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: 15.12 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF086960.D

Acq: 13 May 2016 7:41

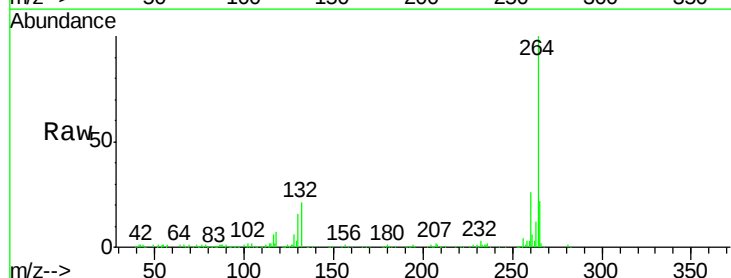
Tgt Ion:264 Resp: 226444

Ion Ratio Lower Upper

264 100

260 25.6 19.5 29.3

265 22.0 17.3 25.9



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

