

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 08:22:31 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

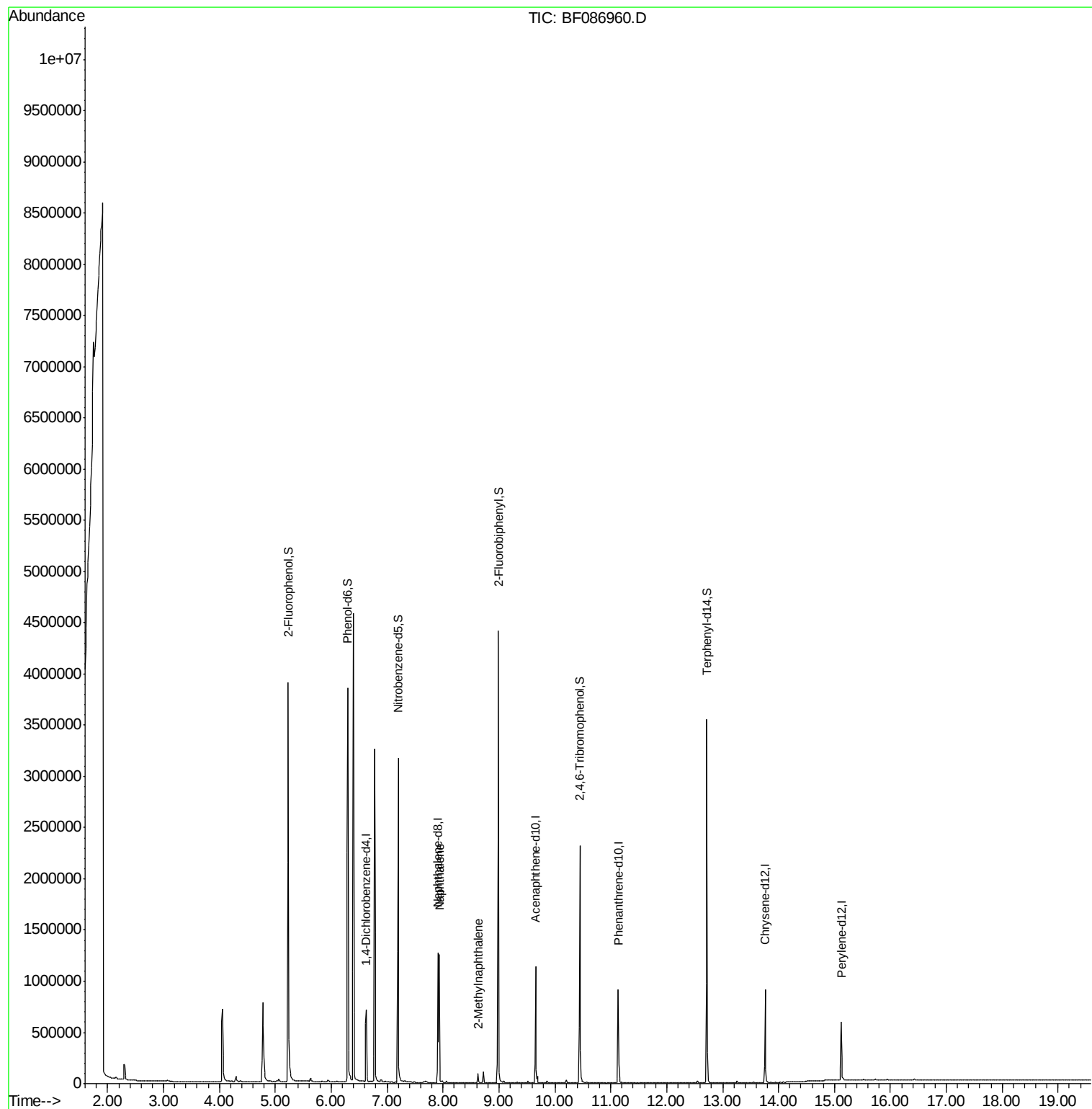
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	133521	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	515992	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	207855	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	316698	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	302668	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						
31) Naphthalene	7.93	128	484832	18.76	ng	99
37) 2-Methylnaphthalene	8.63	142	35632	2.36	ng	98

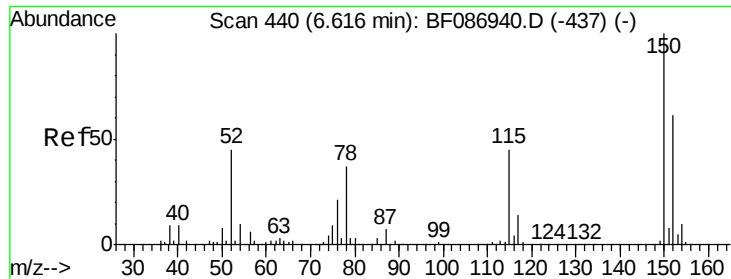
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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)

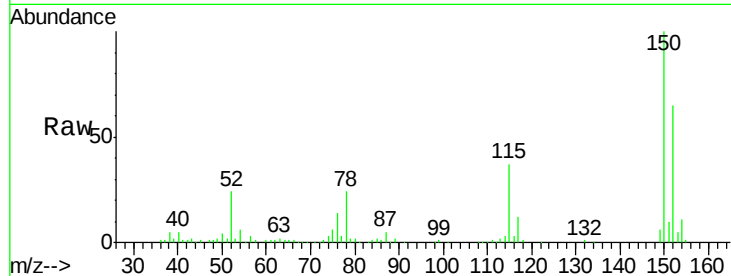
Tgt Ion:152 Resp: 133521

Ion Ratio Lower Upper

152 100

150 153.8 125.8 188.6

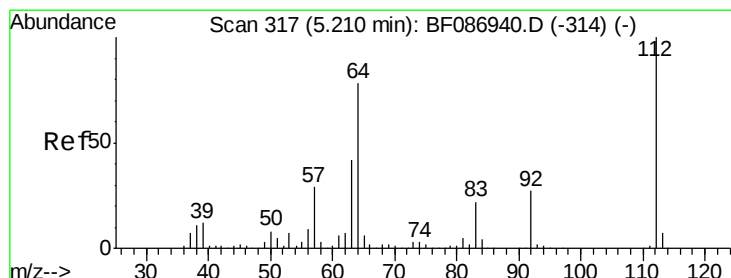
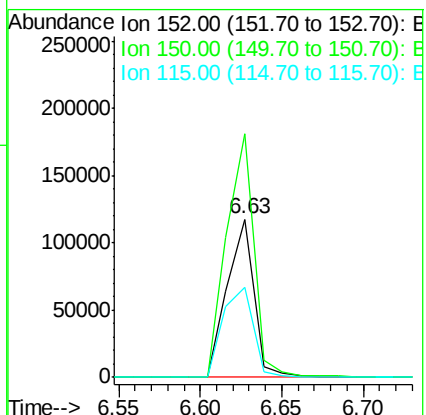
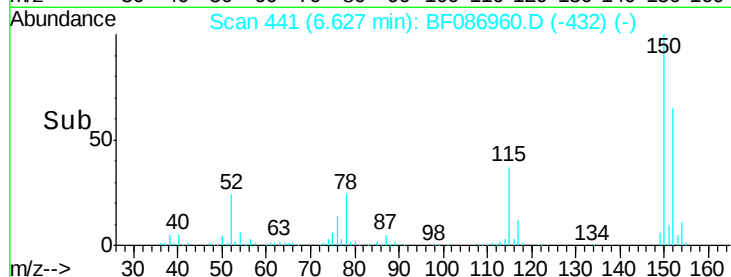
115 57.3 51.5 77.3



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: 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

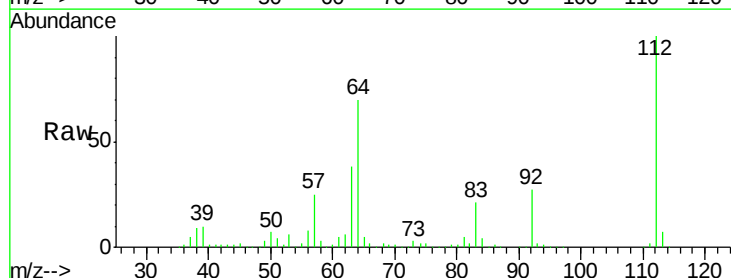
Tgt Ion:112 Resp: 1136407

Ion Ratio Lower Upper

112 100

64 69.6 52.1 78.1

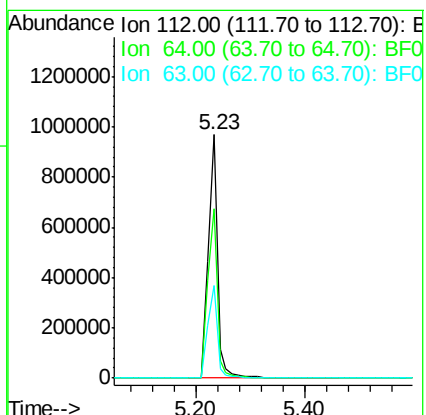
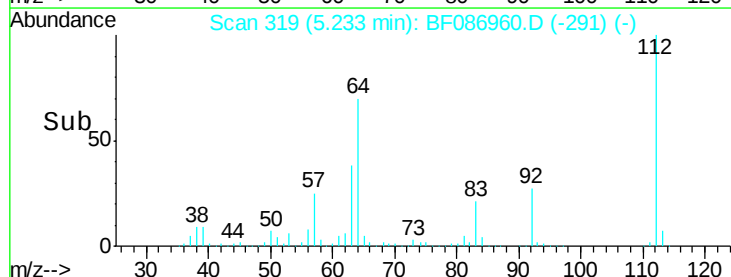
63 37.9 25.7 38.5



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: 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)

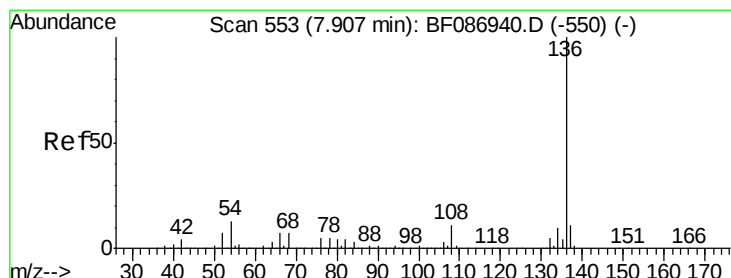
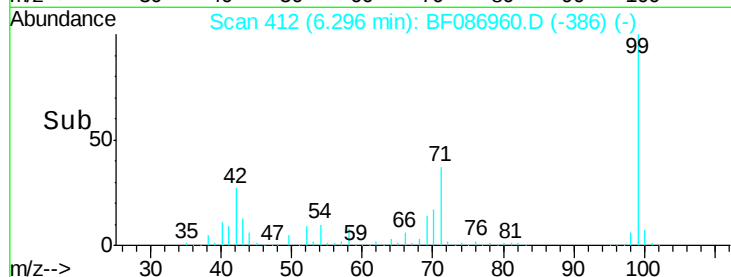
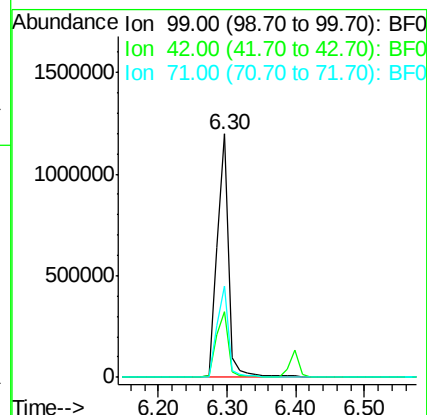
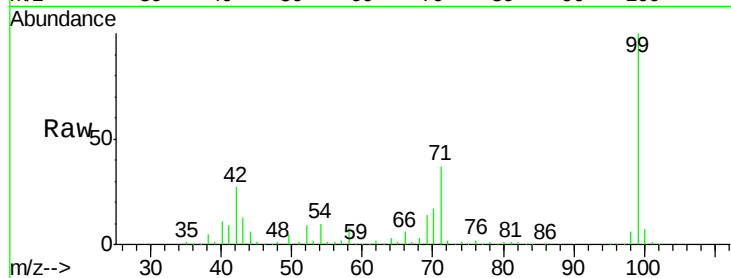
Tgt Ion: 99 Resp: 1413780

Ion Ratio Lower Upper

99 100

42 27.1 13.6 20.4#

71 37.4 24.6 36.8#



#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

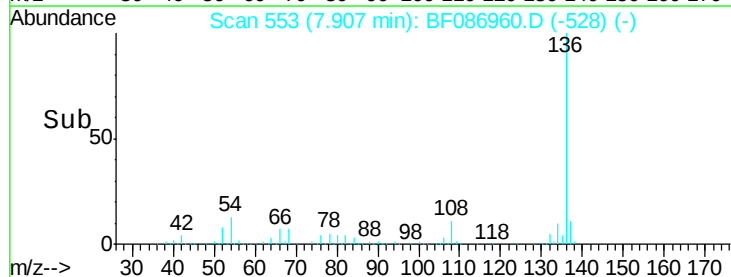
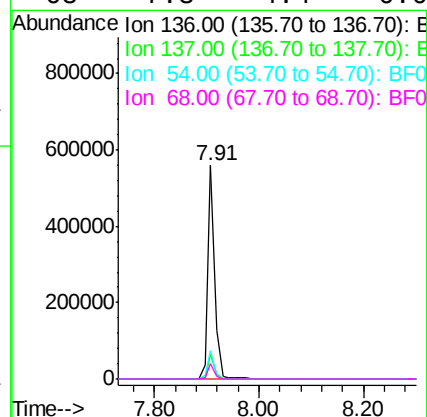
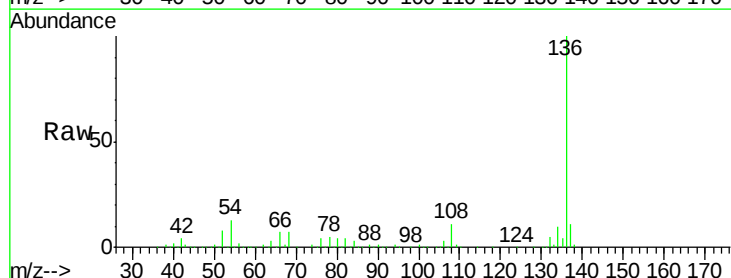
Ion Ratio Lower Upper

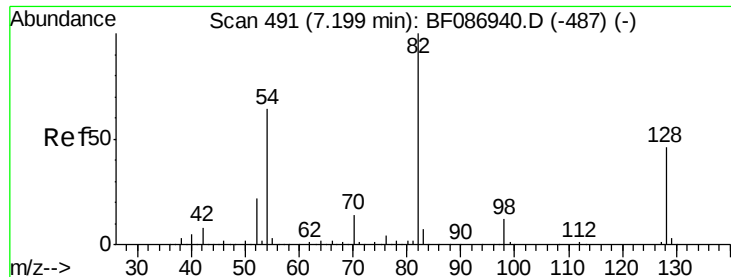
136 100

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)

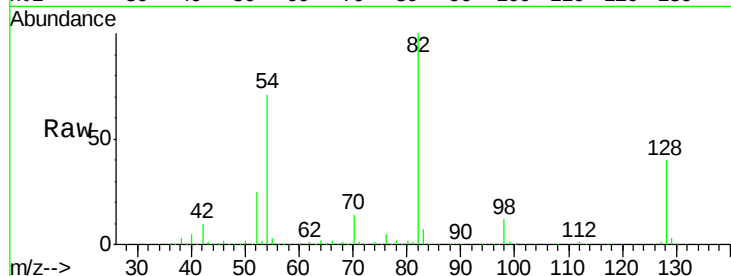
Tgt Ion: 82 Resp: 1004601

Ion Ratio Lower Upper

82 100

128 39.7 40.6 61.0#

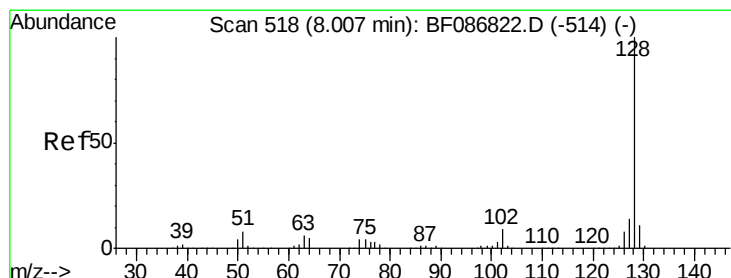
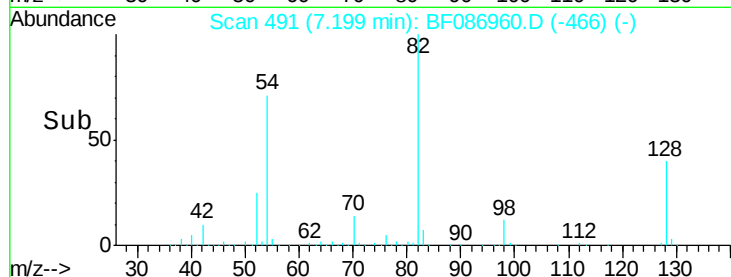
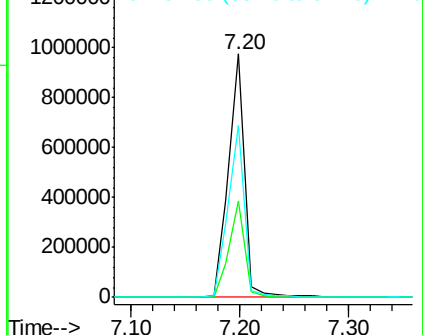
54 70.7 38.1 57.1#



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



#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

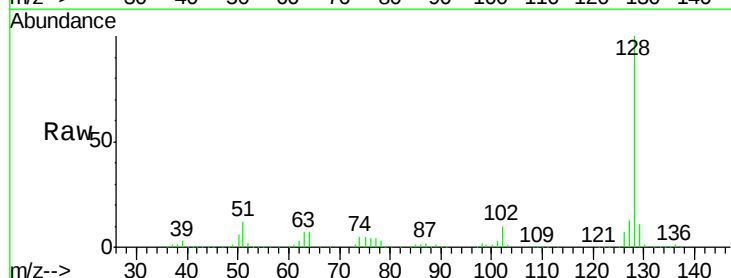
Tgt Ion: 128 Resp: 484832

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

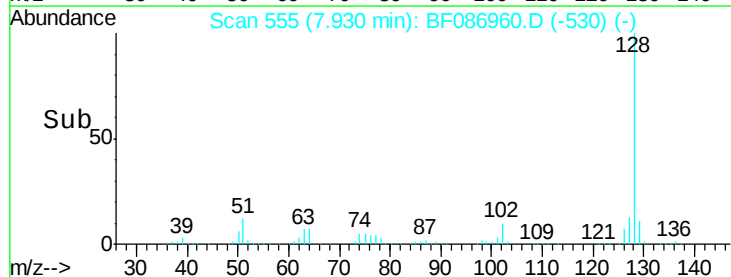
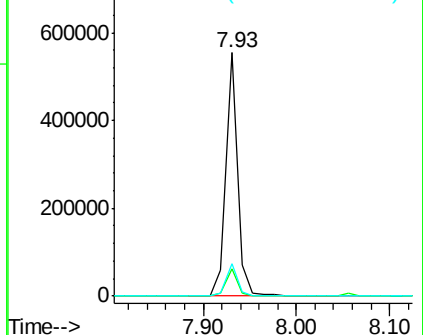
127 13.3 10.8 16.2

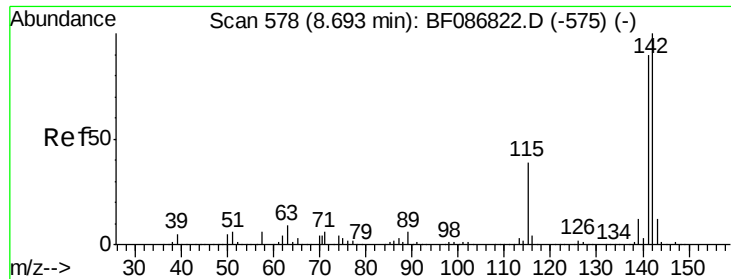


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

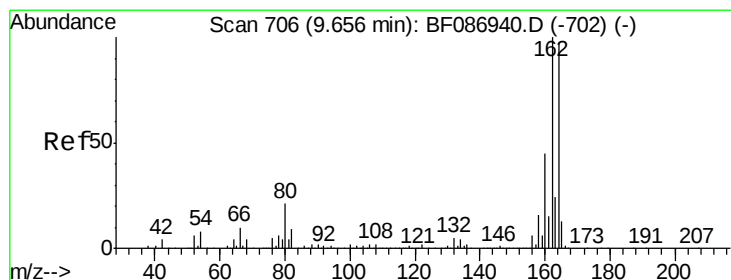
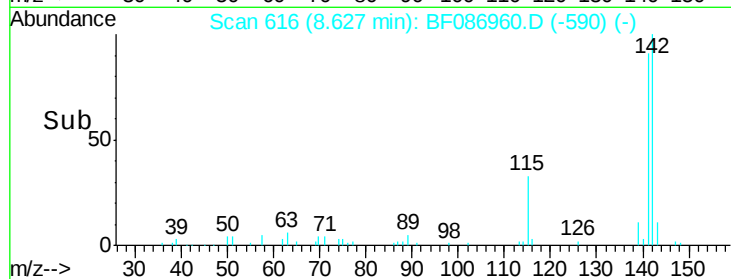
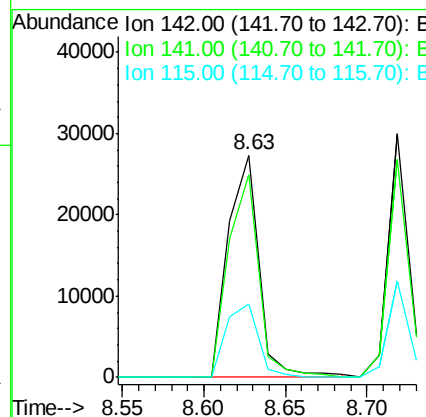
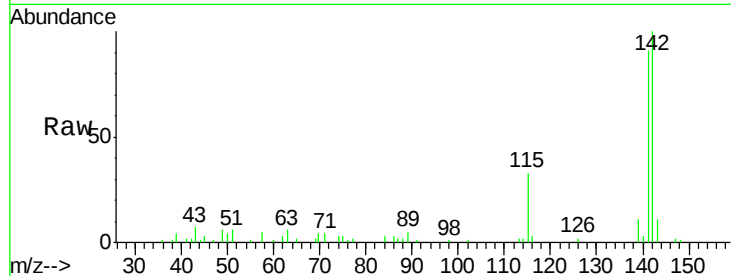




#37
 2-Methylnaphthalene
 Concen: 2.36 ng
 RT: 8.63 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF086960.D
 Acq: 13 May 2016 7:41

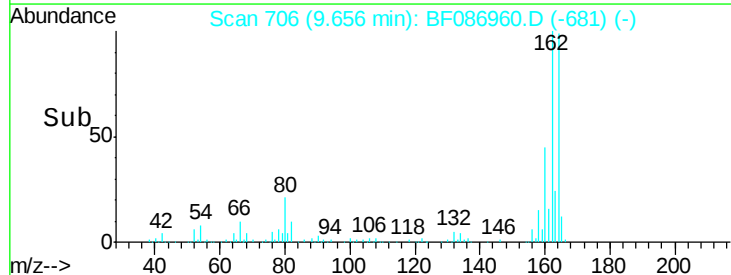
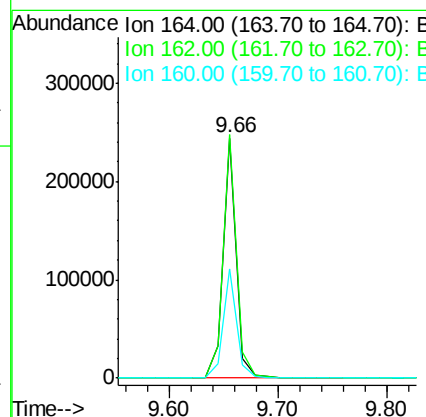
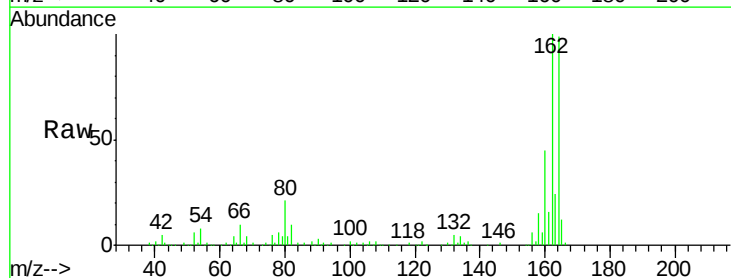
Instrument :
 BNA_F
 ClientSampleId :
 SPARTAPARK-1542-00(0-2)

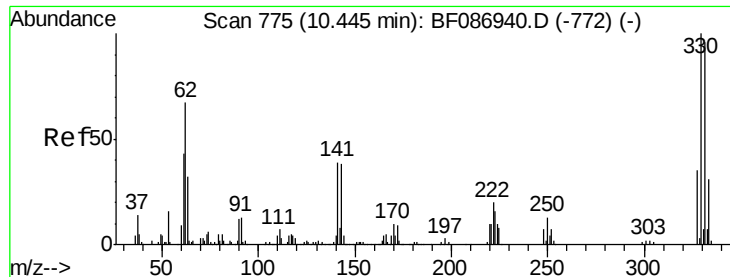
Tgt Ion:142 Resp: 35632
 Ion Ratio Lower Upper
 142 100
 141 91.3 71.0 106.6
 115 32.8 26.6 39.8



#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

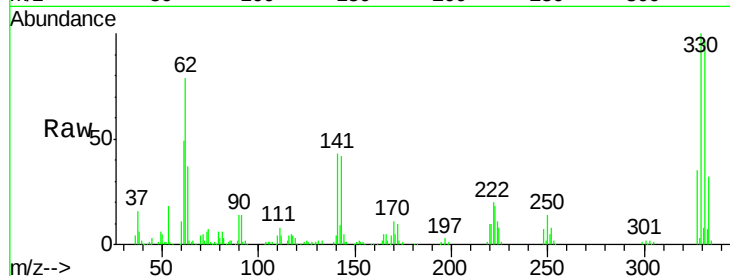




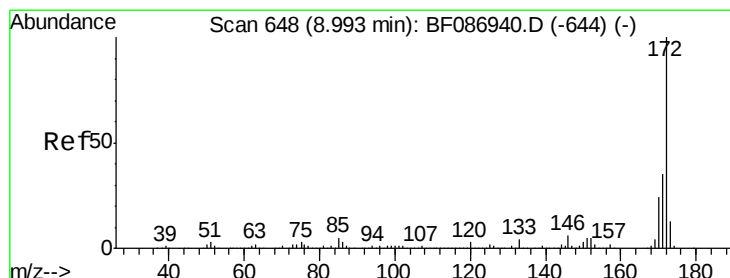
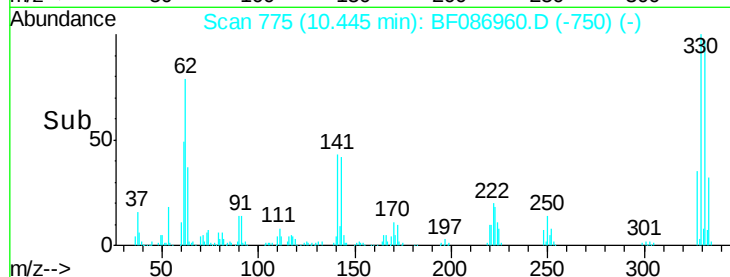
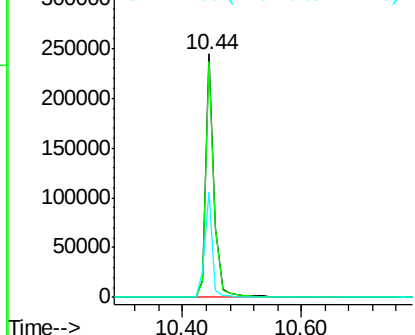
#41
 2,4,6-Tribromophenol
 Concen: 111.41 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF086960.D
 Acq: 13 May 2016 7:41

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

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

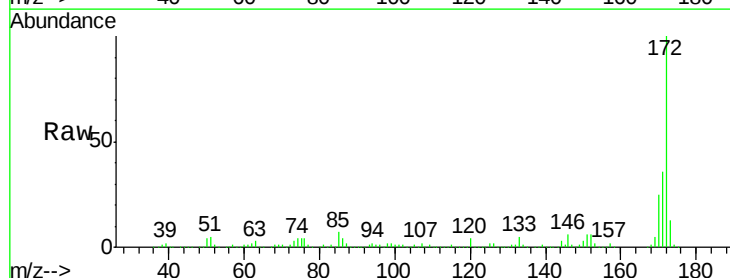


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

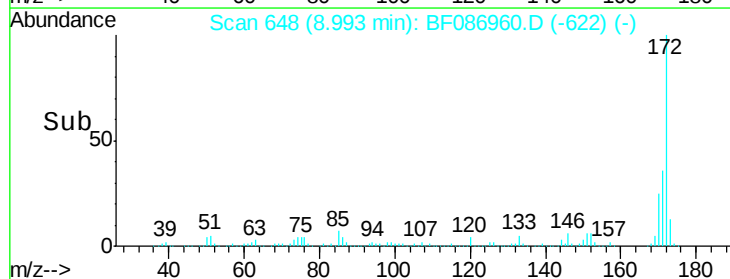
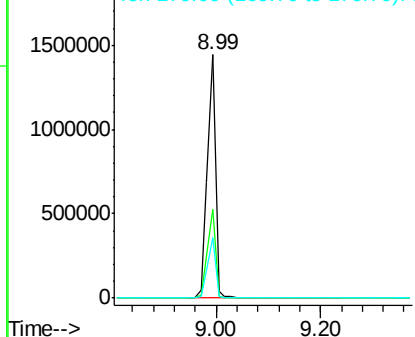


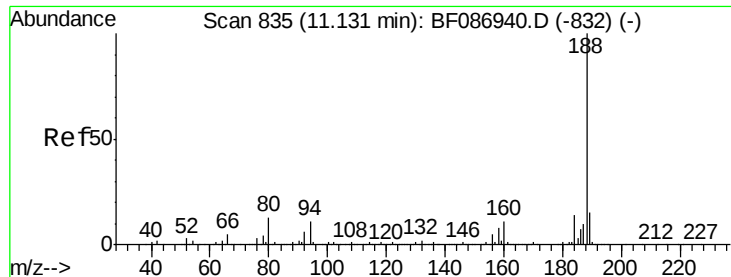
#44
 2-Fluorobiphenyl
 Concen: 125.14 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF086960.D
 Acq: 13 May 2016 7:41

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



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

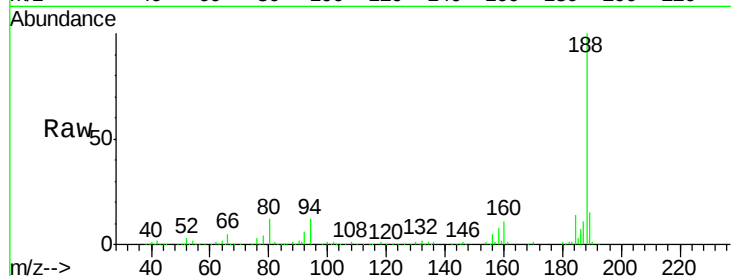




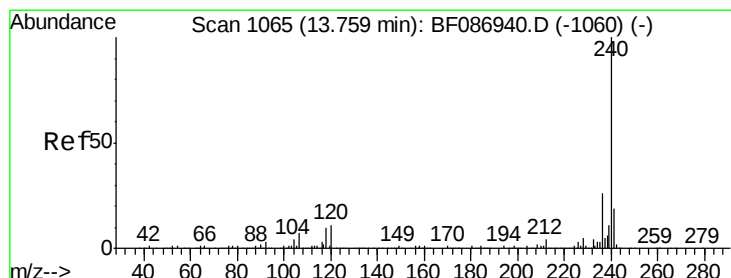
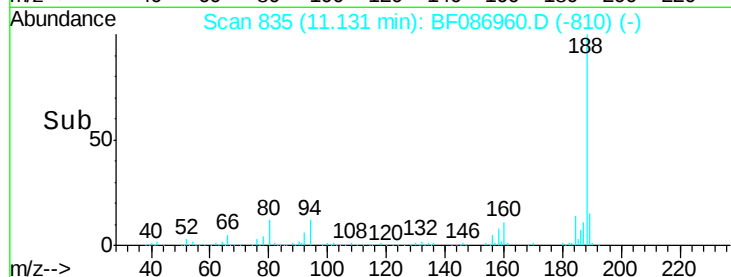
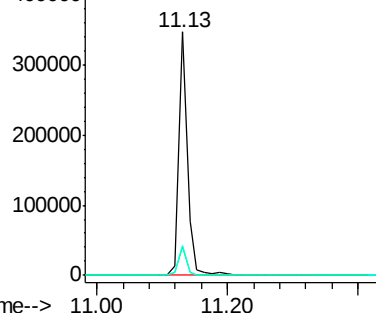
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF086960.D
Acq: 13 May 2016 7:41

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

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#

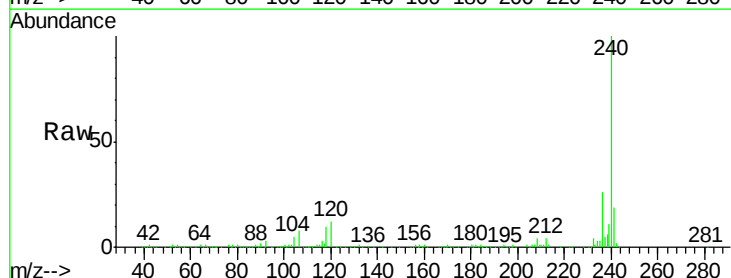


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

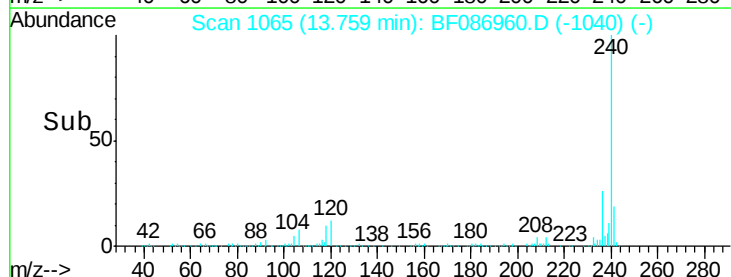
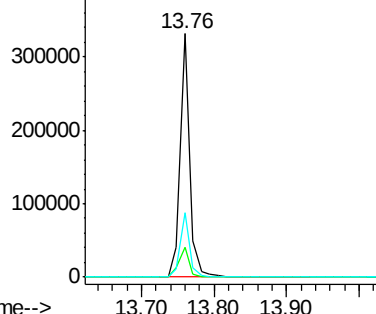


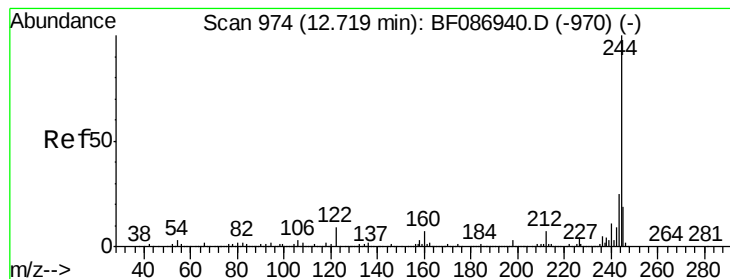
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF086960.D
Acq: 13 May 2016 7:41

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)

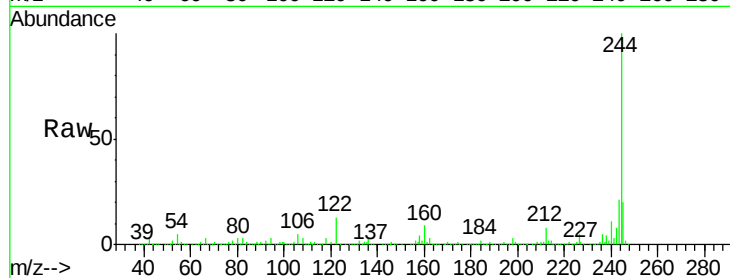
Tgt Ion:244 Resp: 1022396

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

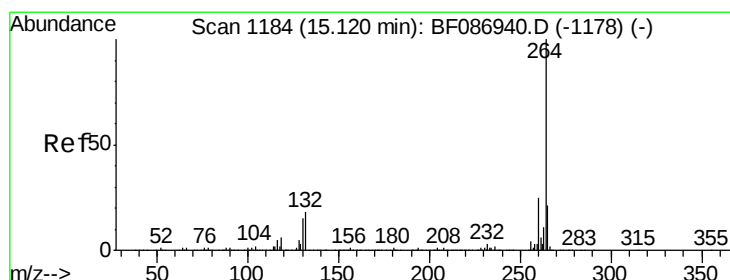
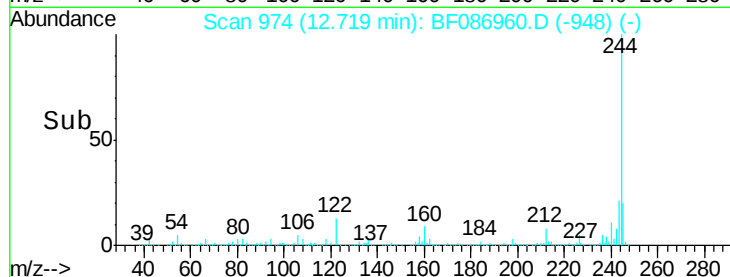
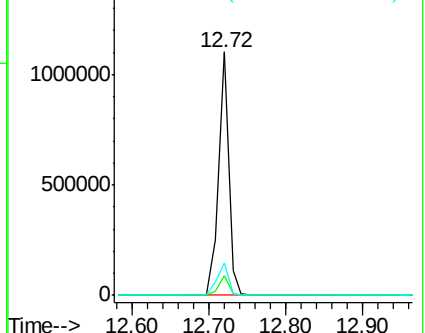
122 13.2 12.0 18.0



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

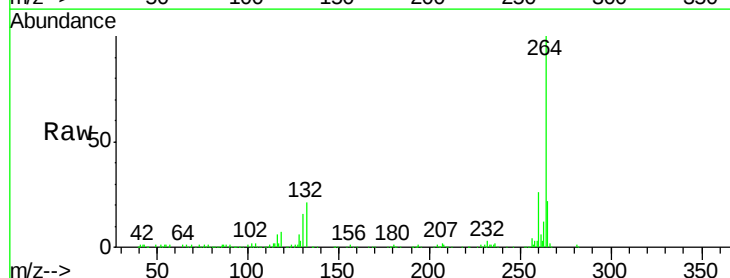
Tgt Ion:264 Resp: 226444

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

