

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052616\
 Data File : BF087436.D
 Acq On : 27 May 2016 9:04
 Operator : UM/SJ
 Sample : H3220-20
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-32-COMP

Quant Time: May 27 11:51:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

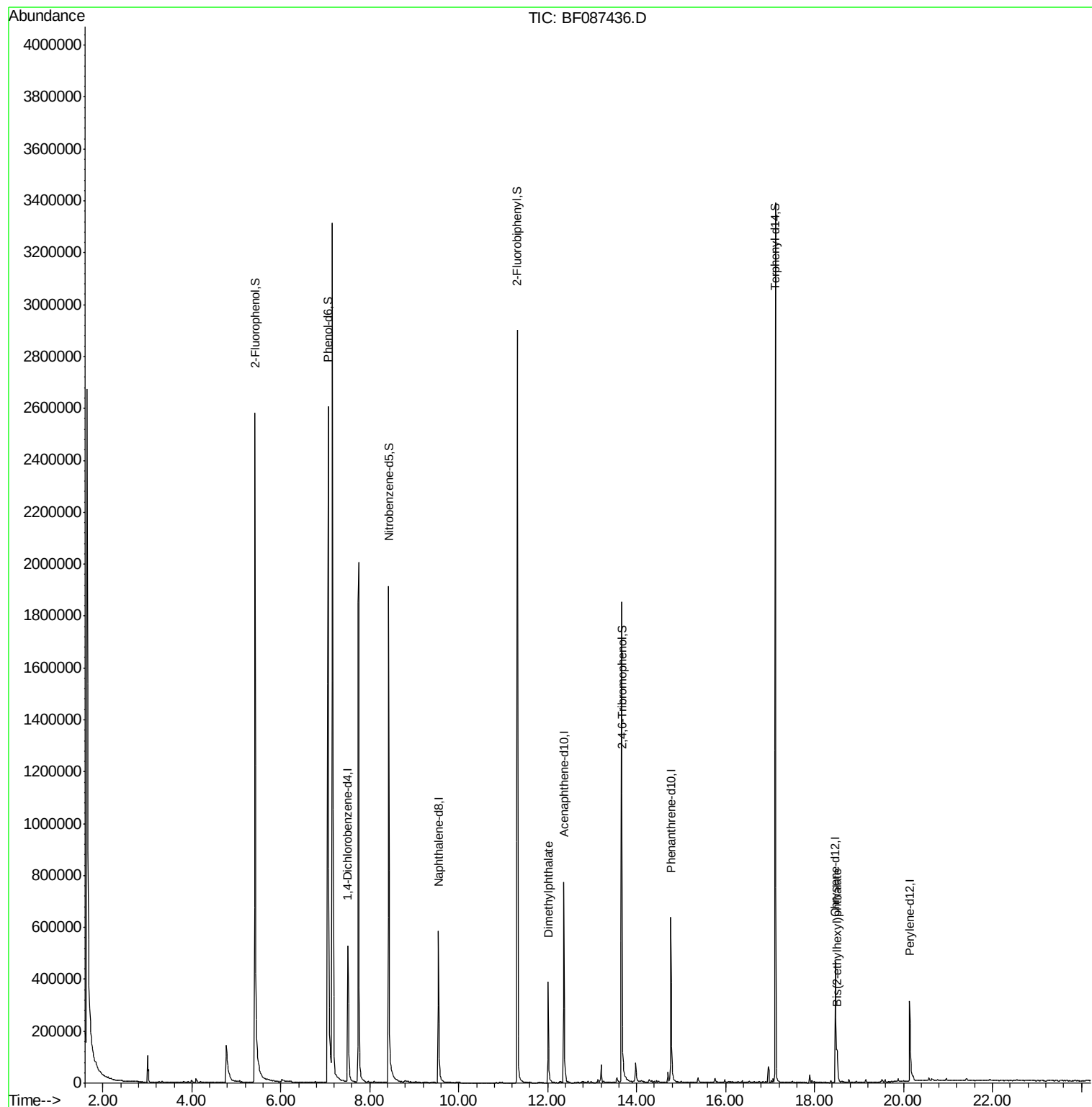
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	108023	20.00	ng	-0.01
21) Naphthalene-d8	9.54	136	432470	20.00	ng	-0.01
38) Acenaphthene-d10	12.36	164	203666	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	370674	20.00	ng	-0.01
75) Chrysene-d12	18.47	240	256634	20.00	ng	-0.01
86) Perylene-d12	20.14	264	212493	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	973103	158.29	ng	0.00
7) Phenol-d6	7.06	99	1272998	153.25	ng	-0.01
23) Nitrobenzene-d5	8.42	82	869793	101.36	ng	-0.02
41) 2,4,6-Tribromophenol	13.67	330	297768	152.14	ng	-0.01
44) 2-Fluorobiphenyl	11.31	172	1451149	100.45	ng	-0.02
78) Terphenyl-d14	17.12	244	1179350	97.70	ng	-0.01
Target Compounds						
49) Dimethylphthalate	12.01	163	210412	12.90	ng	99
83) Bis(2-ethylhexyl)phthalate	18.51	149	62160	5.20	ng	# 98

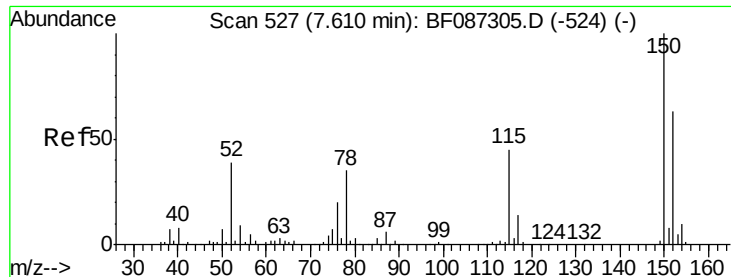
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF087436.D

Acq: 27 May 2016 9:04

Instrument :

BNA_F

ClientSampleId :

SB-32-COMP

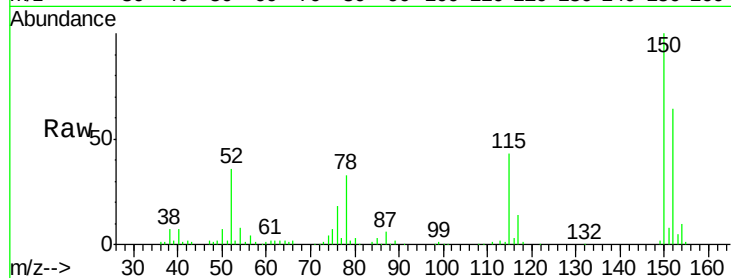
Tgt Ion:152 Resp: 108023

Ion Ratio Lower Upper

152 100

150 156.6 125.8 188.6

115 67.8 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

600000

500000

400000

300000

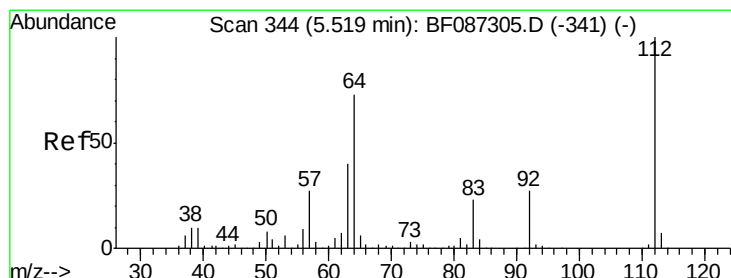
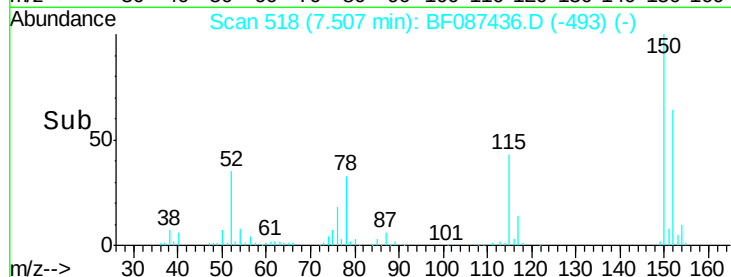
200000

100000

0

7.40 7.50 7.60 7.70

Time-->



#5

2-Fluorophenol

Concen: 158.29 ng

RT: 5.42 min Scan# 335

Delta R.T. -0.00 min

Lab File: BF087436.D

Acq: 27 May 2016 9:04

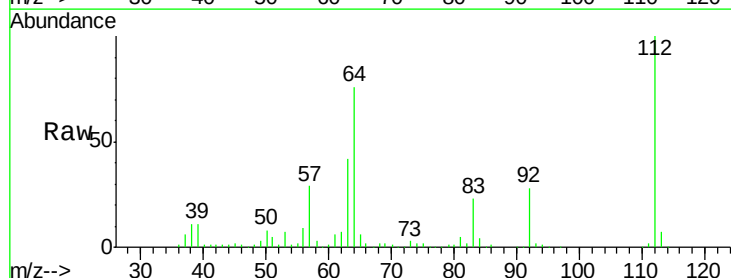
Tgt Ion:112 Resp: 973103

Ion Ratio Lower Upper

112 100

64 75.7 52.1 78.1

63 42.4 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

800000

600000

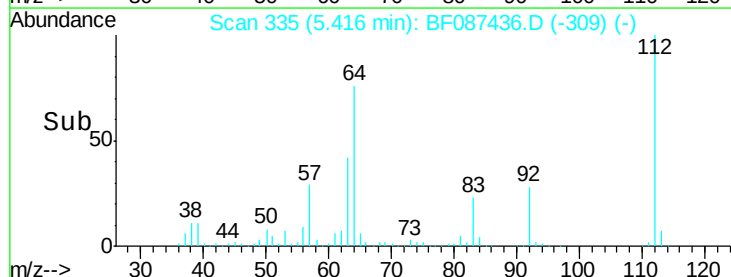
400000

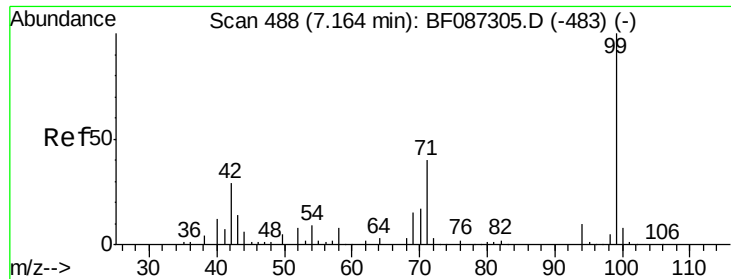
200000

0

5.40 5.42 5.44 5.46 5.48 5.50

Time-->





#7

Phenol-d6

Concen: 153.25 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087436.D

Acq: 27 May 2016 9:04

Instrument :

BNA_F

ClientSampleId :

SB-32-COMP

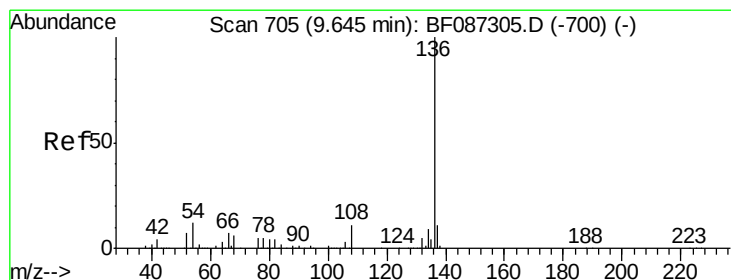
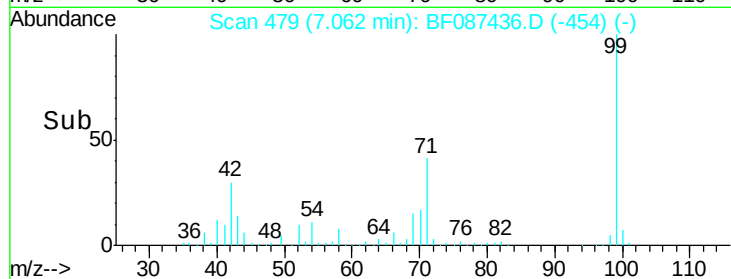
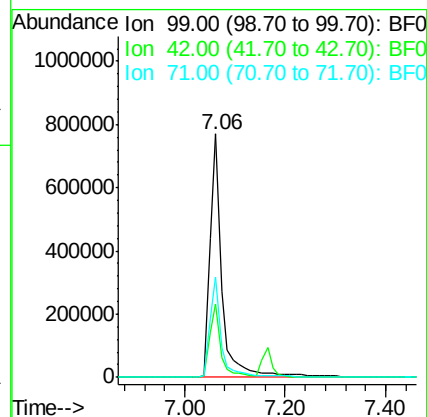
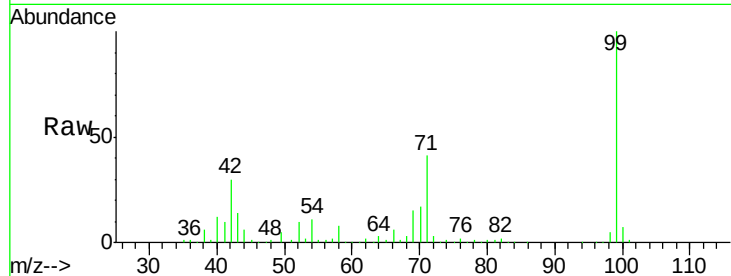
Tgt Ion: 99 Resp: 1272998

Ion Ratio Lower Upper

99 100

42 30.2 13.6 20.4#

71 41.0 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF087436.D

Acq: 27 May 2016 9:04

Tgt Ion: 136 Resp: 432470

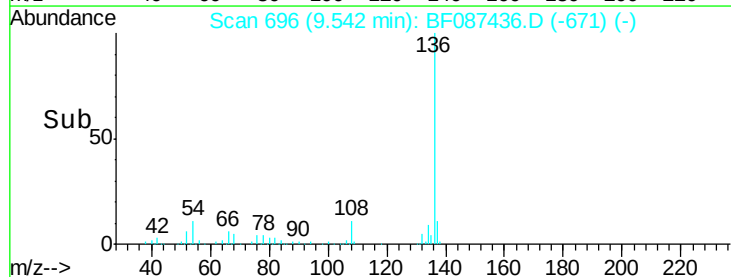
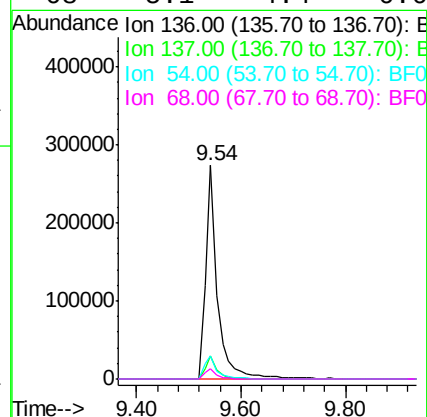
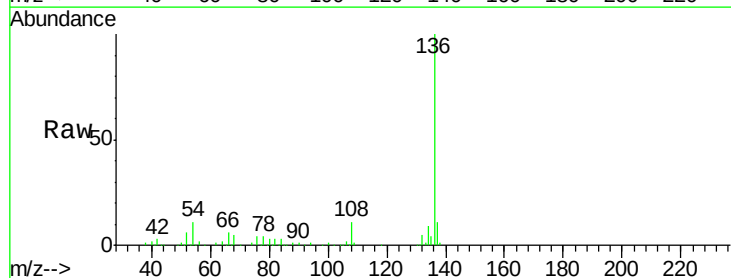
Ion Ratio Lower Upper

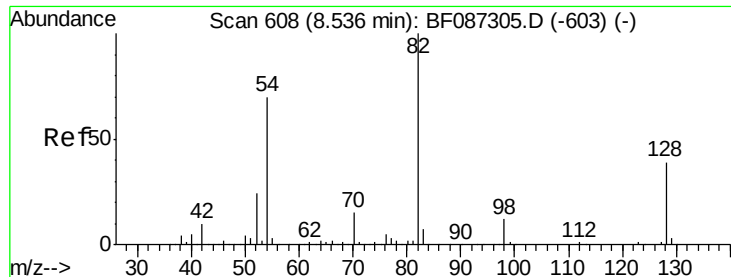
136 100

137 10.7 8.8 13.2

54 10.6 5.0 7.4#

68 5.1 4.4 6.6

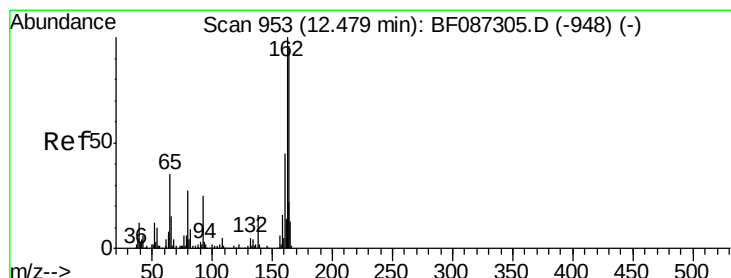
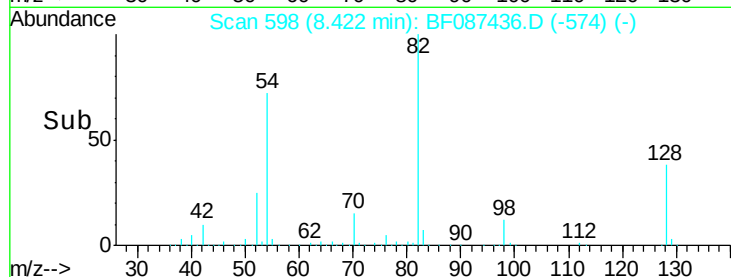
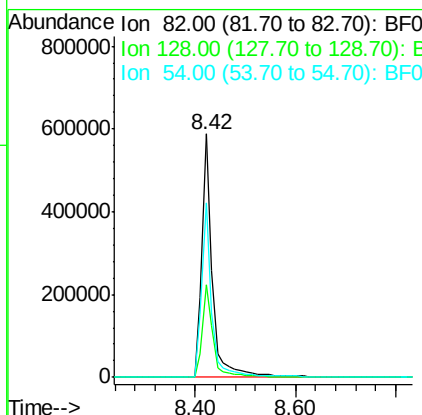
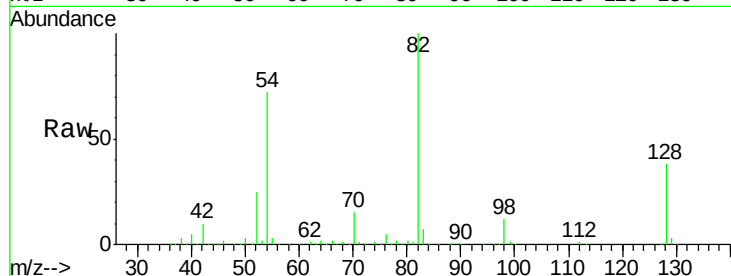




#23
 Nitrobenzene-d5
 Concen: 101.36 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF087436.D
 Acq: 27 May 2016 9:04

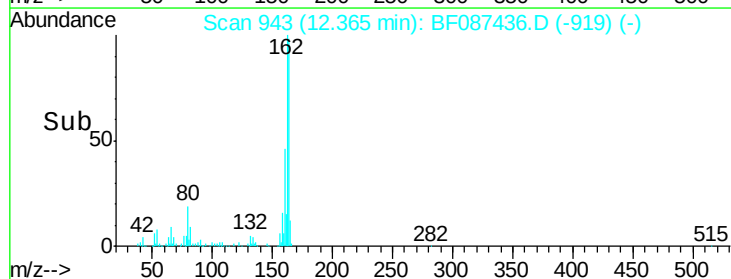
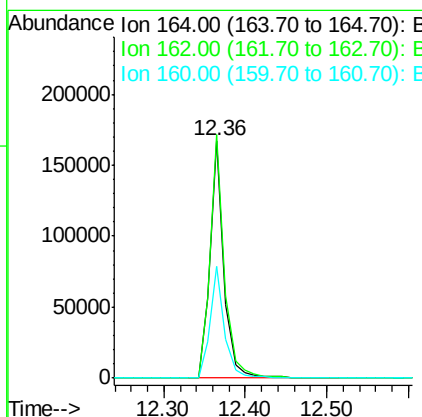
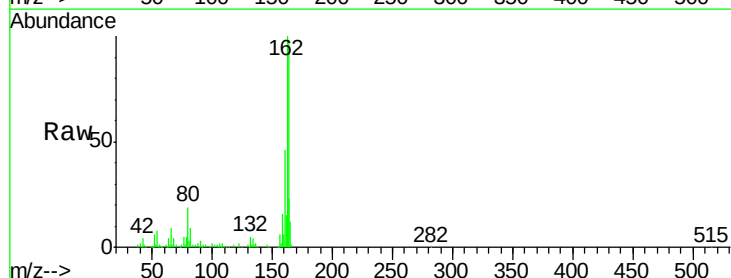
Instrument :
 BNA_F
 ClientSampleId :
 SB-32-COMP

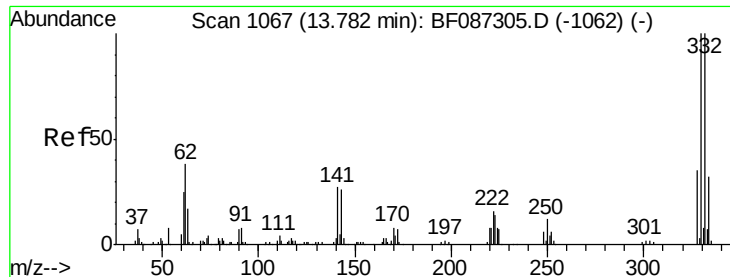
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.8	40.6	61.0#
54	71.6	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.36 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF087436.D
 Acq: 27 May 2016 9:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.8	124.2
160	46.9	36.9	55.3

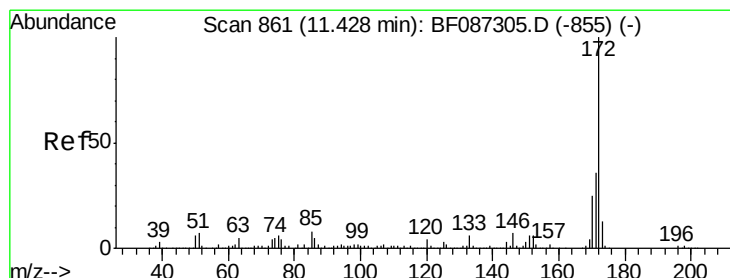
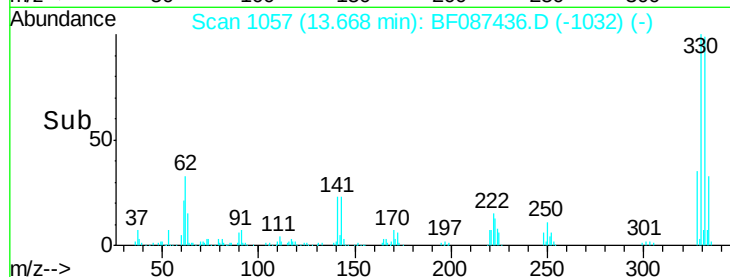
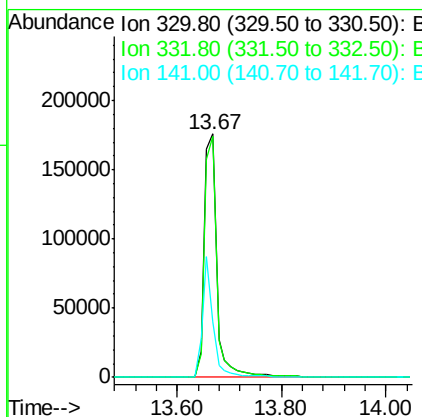
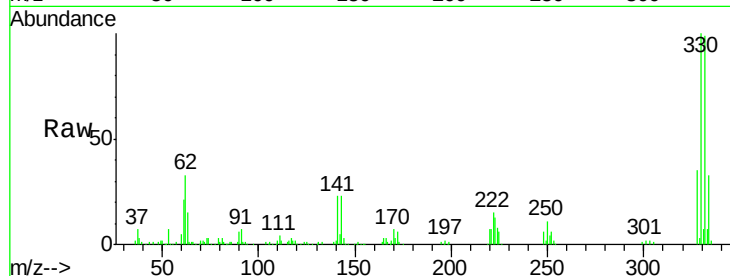




#41
 2,4,6-Tribromophenol
 Concen: 152.14 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF087436.D
 Acq: 27 May 2016 9:04

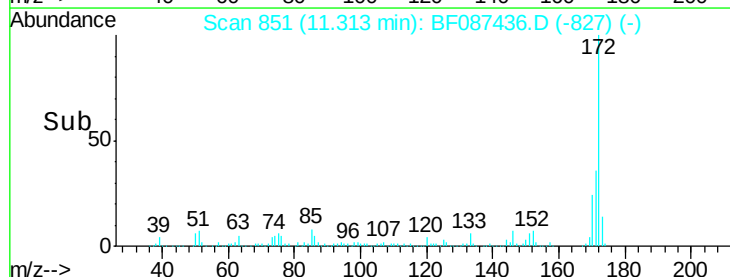
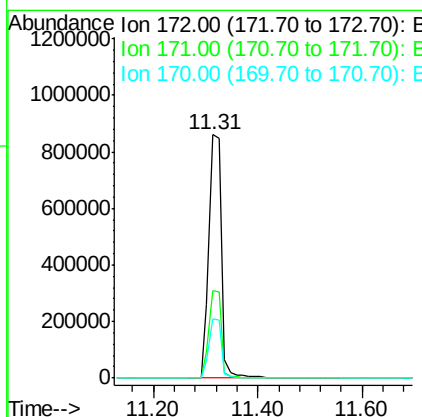
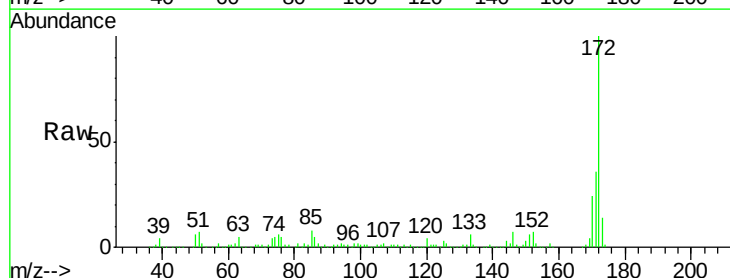
Instrument :
 BNA_F
 ClientSampleId :
 SB-32-COMP

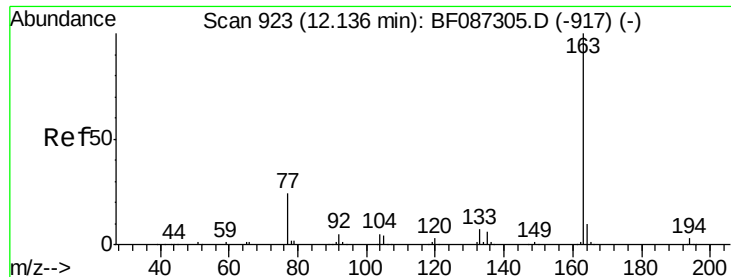
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	42.1	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 100.45 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BF087436.D
 Acq: 27 May 2016 9:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.3	19.8	29.8

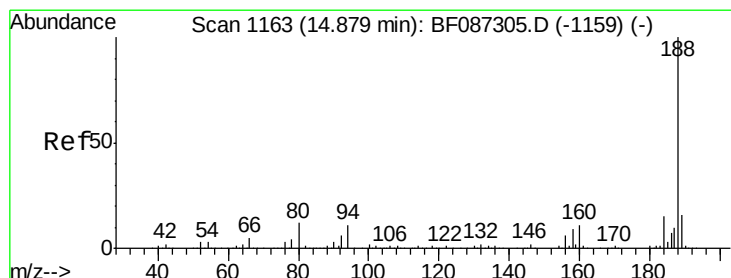
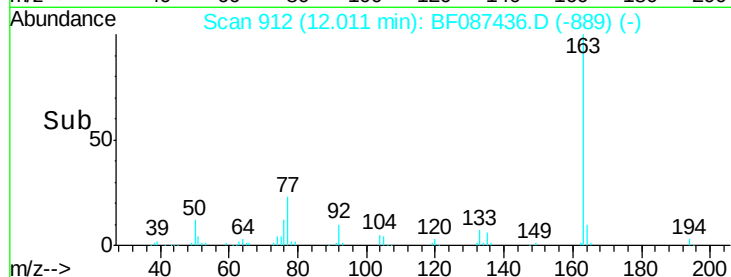
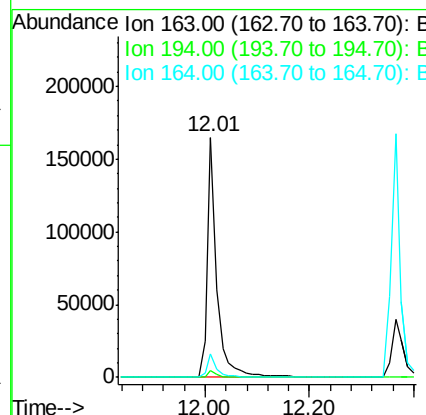
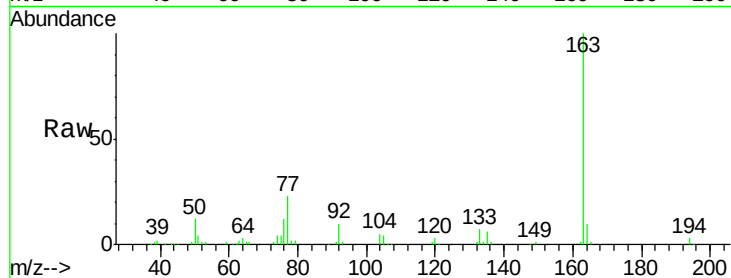




#49
Dimethylphthalate
Concen: 12.90 ng
RT: 12.01 min Scan# 912
Delta R.T. -0.03 min
Lab File: BF087436.D
Acq: 27 May 2016 9:04

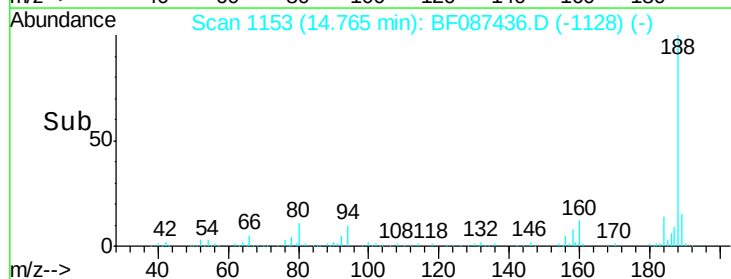
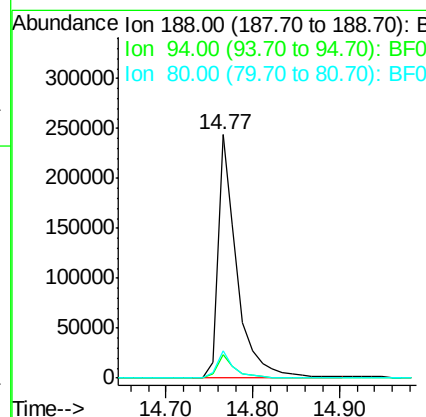
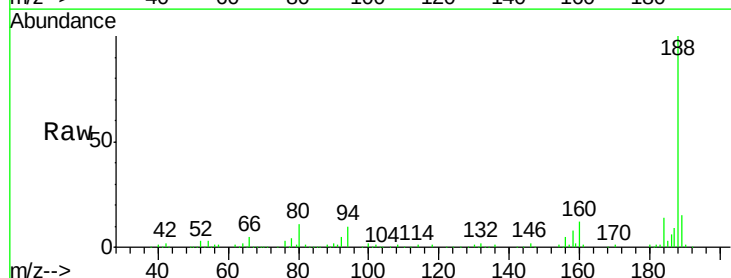
Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

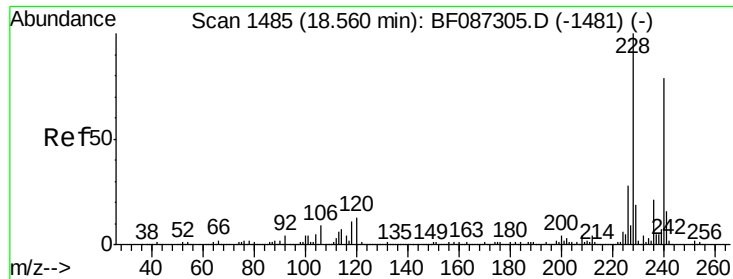
Tgt Ion:163 Resp: 210412
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.7 8.2 12.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087436.D
Acq: 27 May 2016 9:04

Tgt Ion:188 Resp: 370674
Ion Ratio Lower Upper
188 100
94 9.7 6.8 10.2
80 11.2 7.1 10.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.47 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF087436.D

Acq: 27 May 2016 9:04

Instrument :

BNA_F

ClientSampleId :

SB-32-COMP

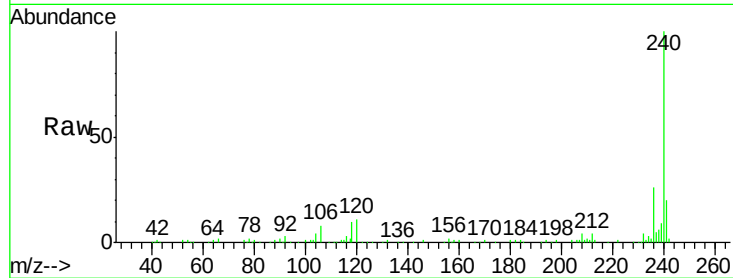
Tgt Ion:240 Resp: 256634

Ion Ratio Lower Upper

240 100

120 11.3 11.2 16.8

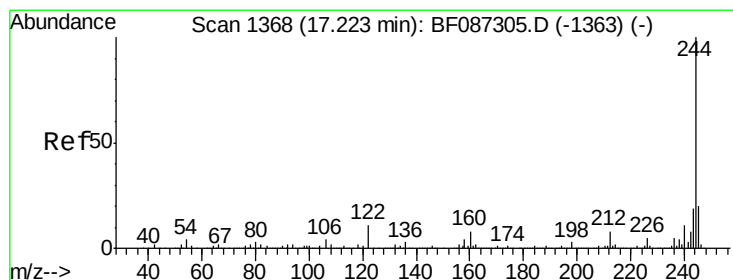
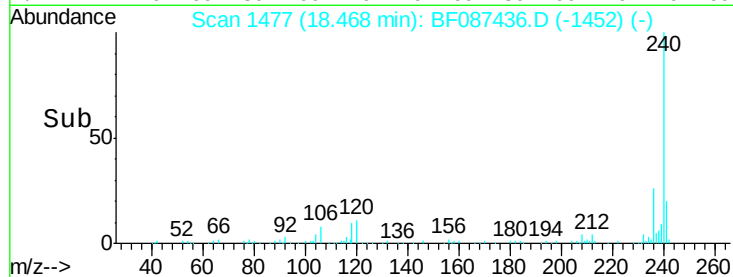
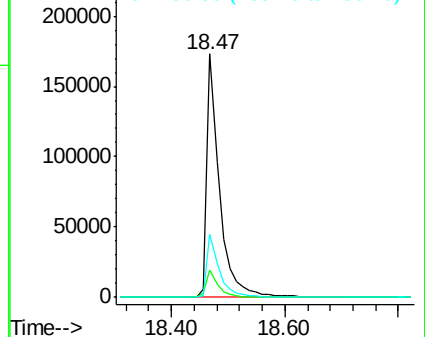
236 25.7 21.2 31.8



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: 97.70 ng

RT: 17.12 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF087436.D

Acq: 27 May 2016 9:04

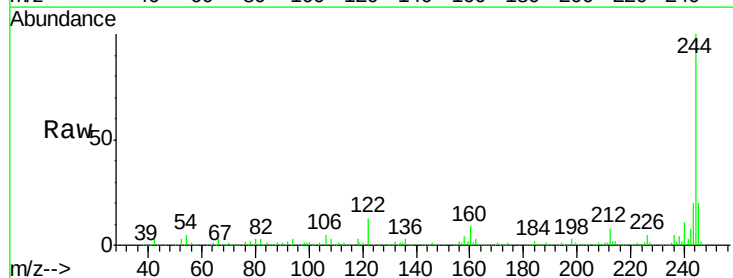
Tgt Ion:244 Resp: 1179350

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

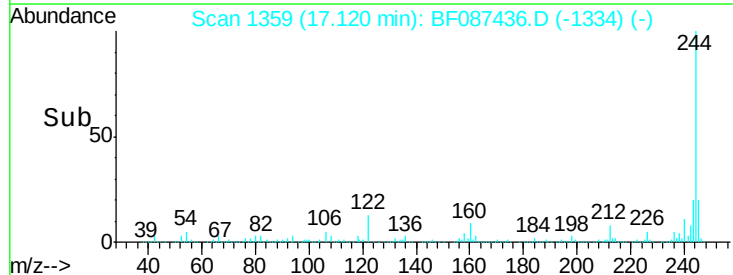
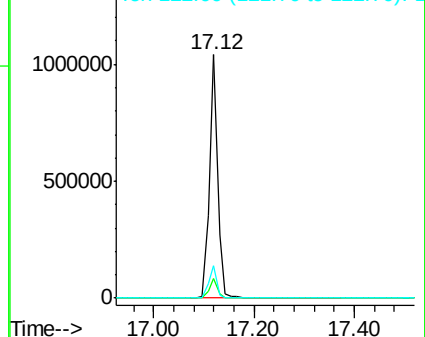
122 13.1 12.0 18.0

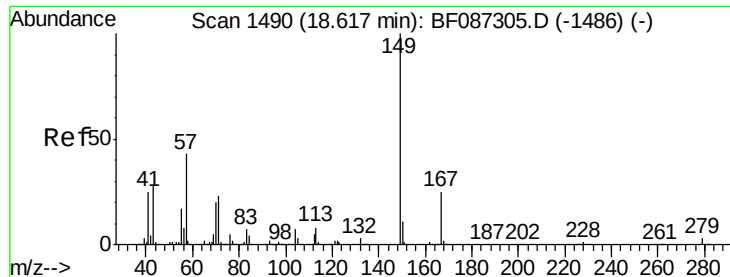


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.20 ng

RT: 18.51 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF087436.D

Acq: 27 May 2016 9:04

Instrument :

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ClientSampleId :

SB-32-COMP

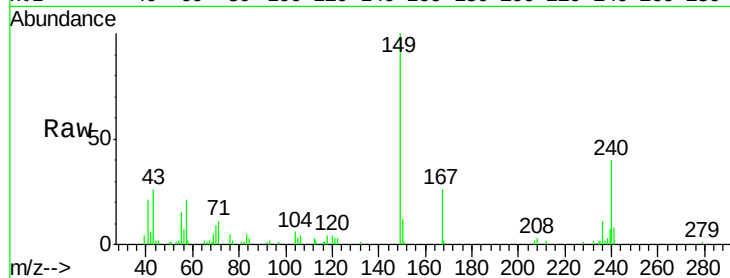
Tgt Ion:149 Resp: 62160

Ion Ratio Lower Upper

149 100

167 26.2 21.8 32.6

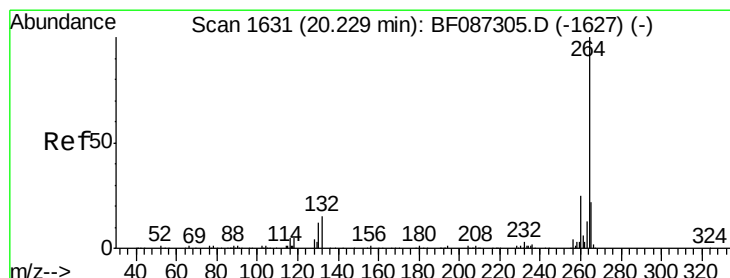
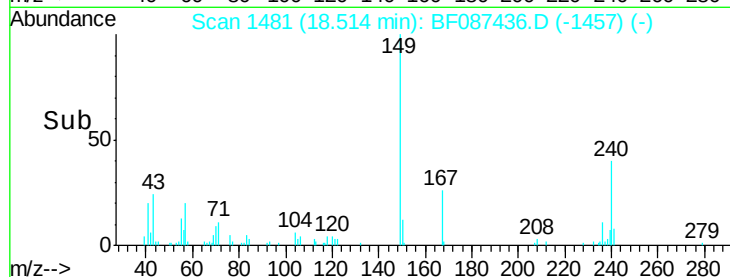
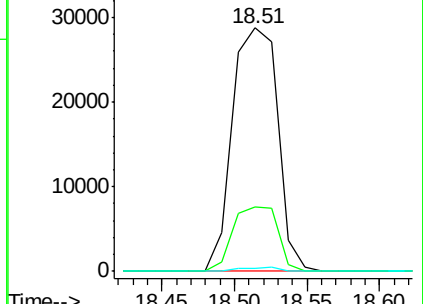
279 1.5 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.14 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BF087436.D

Acq: 27 May 2016 9:04

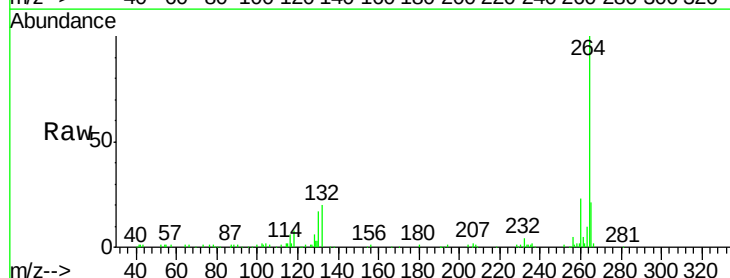
Tgt Ion:264 Resp: 212493

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.1 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

