

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052416\
 Data File : BF087363.D
 Acq On : 25 May 2016 5:18
 Operator : UM/SJ
 Sample : H3191-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1690(0-4)

Quant Time: May 25 06:47:26 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 00:58:25 2016
 Response via : Initial Calibration

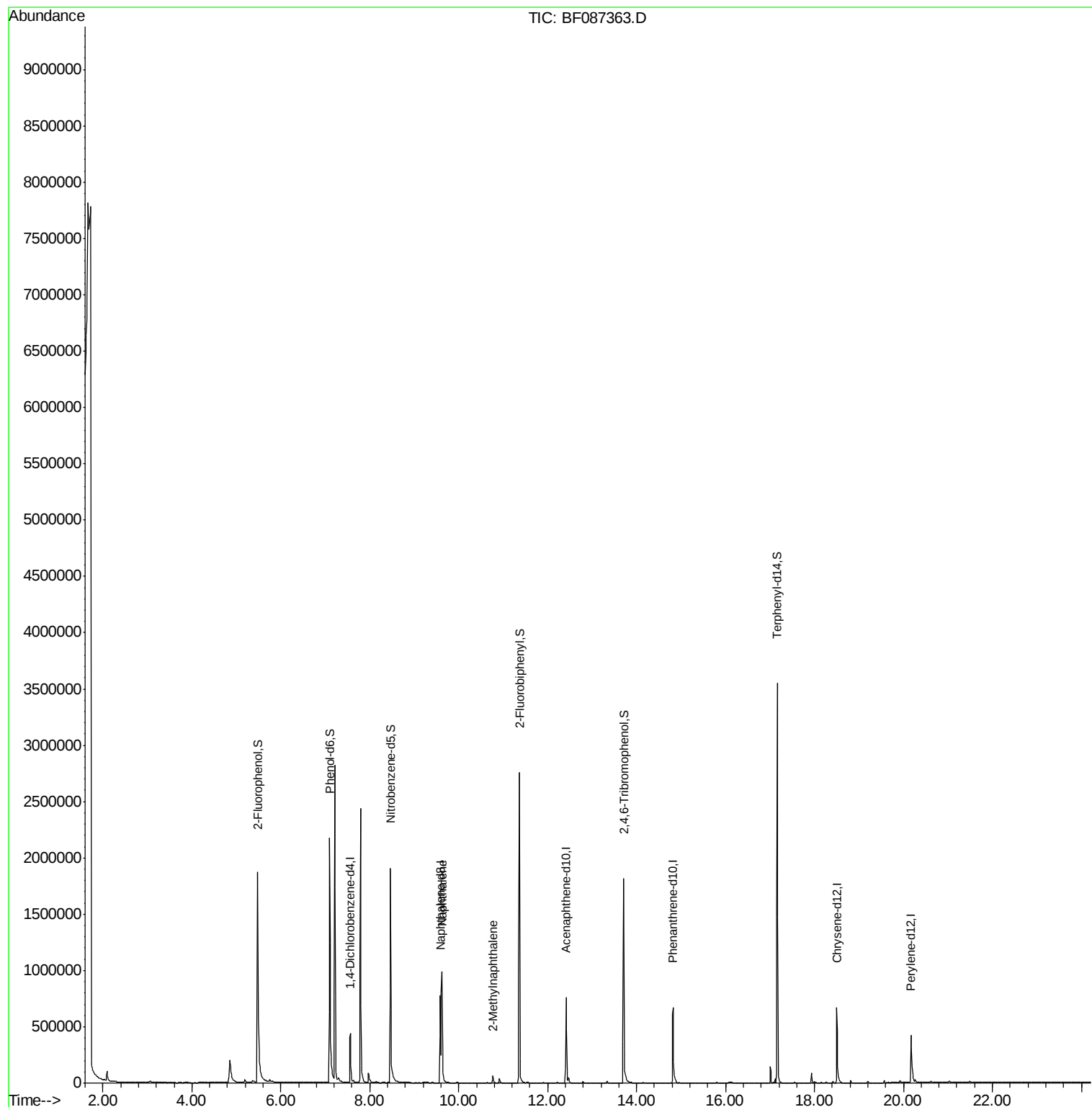
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	110008	20.00	ng	0.00
21) Naphthalene-d8	9.59	136	442408	20.00	ng	-0.01
38) Acenaphthene-d10	12.41	164	214635	20.00	ng	-0.01
63) Phenanthrene-d10	14.82	188	434627	20.00	ng	0.00
75) Chrysene-d12	18.50	240	367759	20.00	ng	-0.01
86) Perylene-d12	20.17	264	266462	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	909473	145.27	ng	0.02
7) Phenol-d6	7.10	99	1085974	128.37	ng	-0.01
23) Nitrobenzene-d5	8.47	82	849611	96.79	ng	-0.02
41) 2,4,6-Tribromophenol	13.71	330	337037	163.41	ng	-0.01
44) 2-Fluorobiphenyl	11.37	172	1477724	97.06	ng	-0.01
78) Terphenyl-d14	17.17	244	1461818	84.51	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	9.62	128	735497	33.18	ng	100
37) 2-Methylnaphthalene	10.76	142	34057	2.46	ng	96

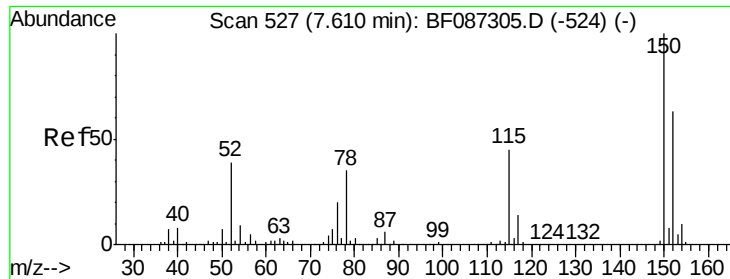
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF087363.D

Acq: 25 May 2016 5:18

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1690(0-4)

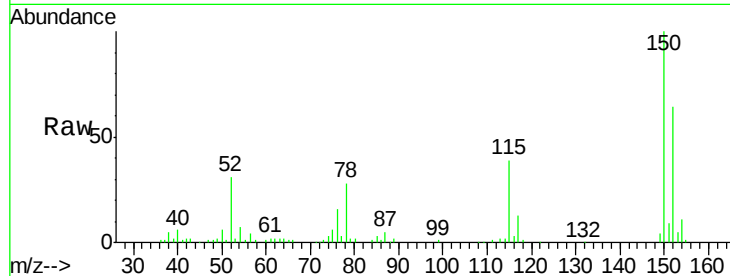
Tot Ion:152 Resp: 110008

Ion Ratio Lower Upper

152 100

150 155.3 125.8 188.6

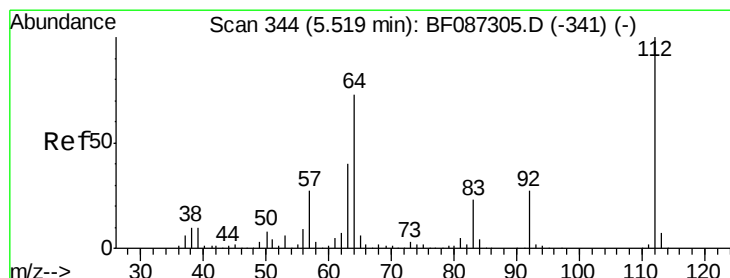
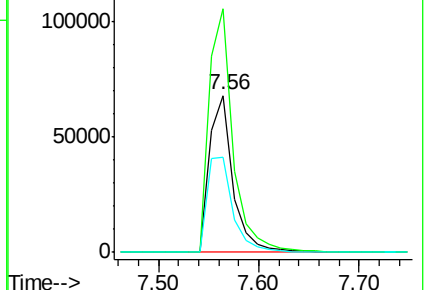
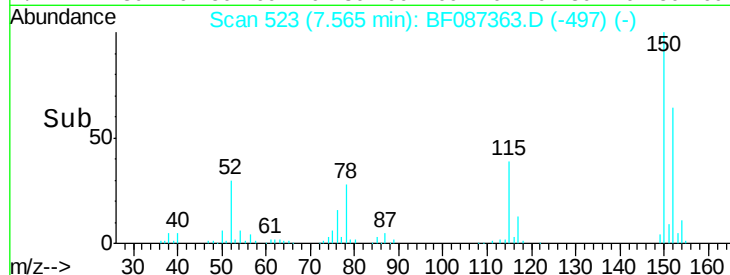
115 60.9 51.5 77.3



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: 145.27 ng

RT: 5.48 min Scan# 341

Delta R.T. 0.02 min

Lab File: BF087363.D

Acq: 25 May 2016 5:18

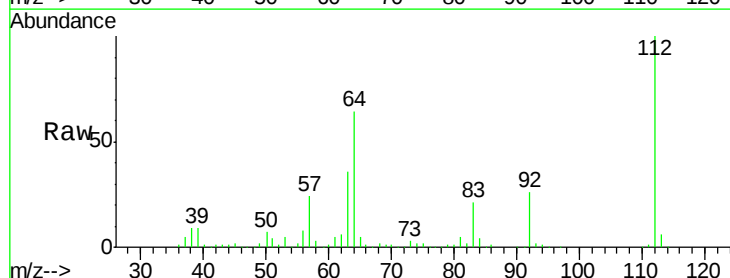
Tgt Ion:112 Resp: 909473

Ion Ratio Lower Upper

112 100

64 64.2 52.1 78.1

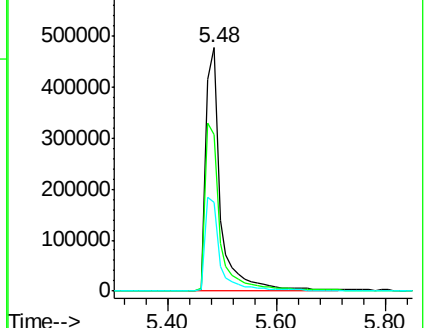
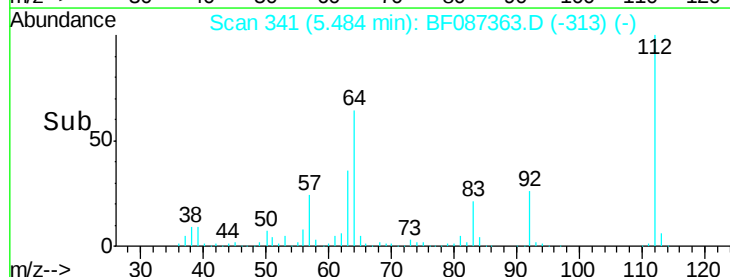
63 36.3 25.7 38.5

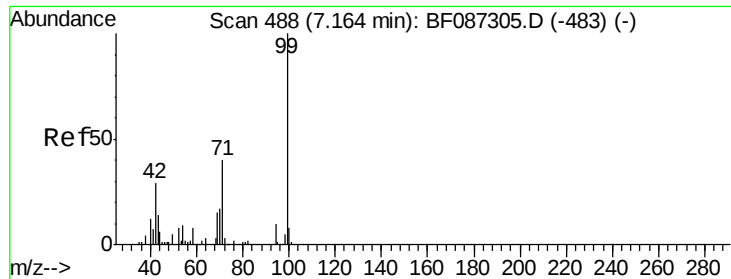


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 128.37 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF087363.D

Acq: 25 May 2016 5:18

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1690(0-4)

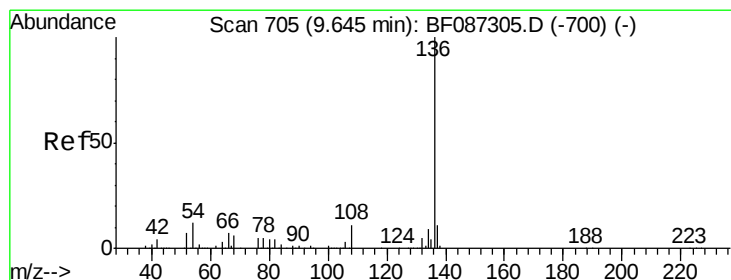
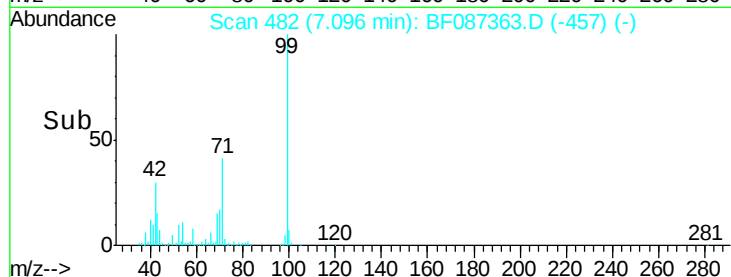
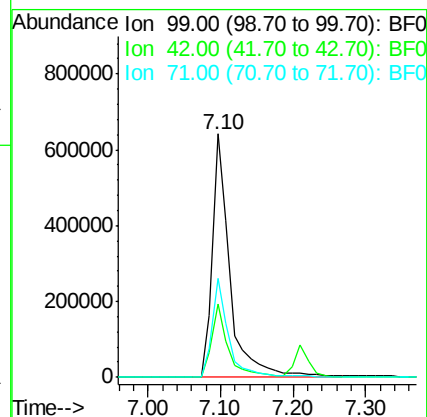
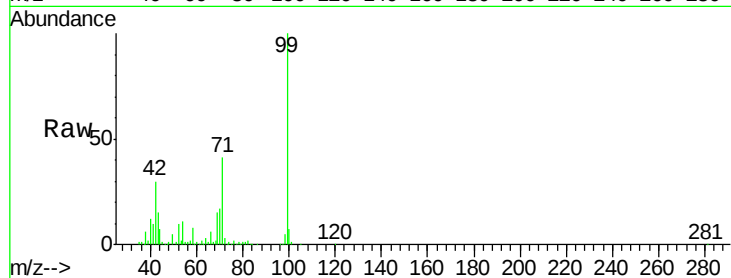
Tot Ion: 99 Resp: 1085974

Ion Ratio Lower Upper

99 100

42 30.3 13.6 20.4#

71 40.8 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF087363.D

Acq: 25 May 2016 5:18

Tgt Ion: 136 Resp: 442408

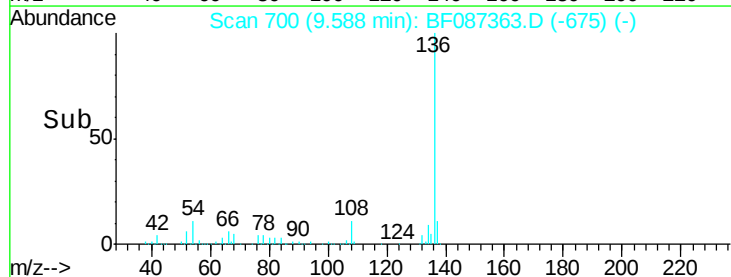
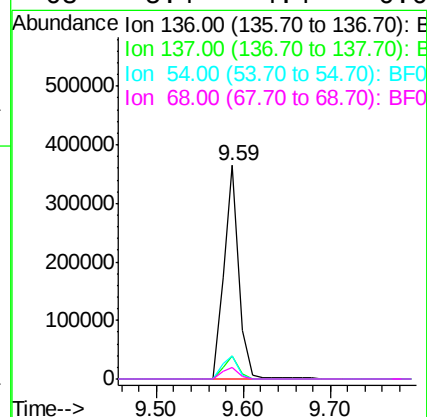
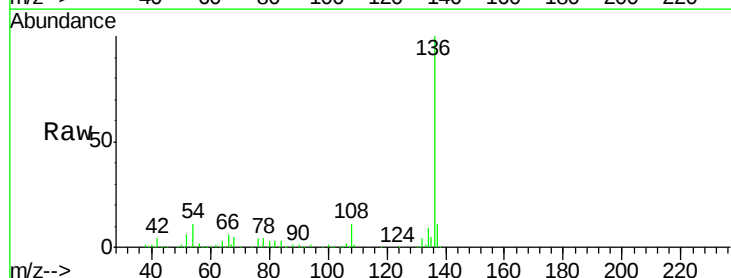
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 10.6 5.0 7.4#

68 5.4 4.4 6.6

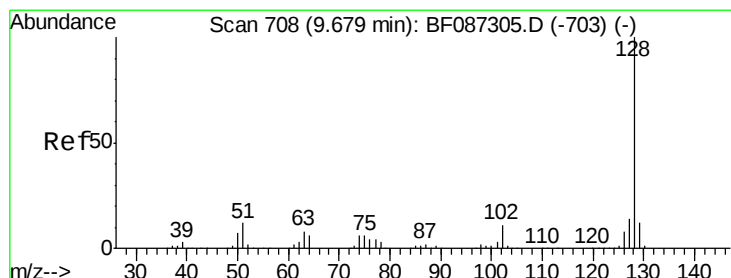
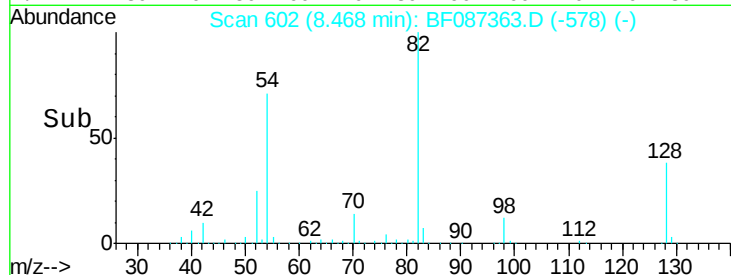
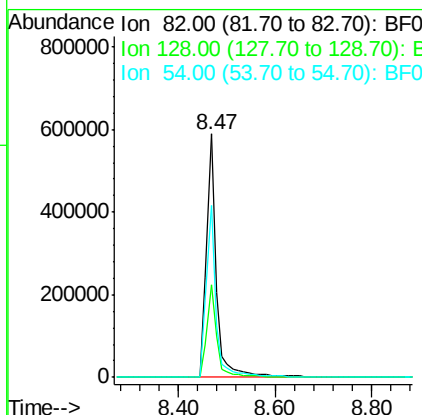
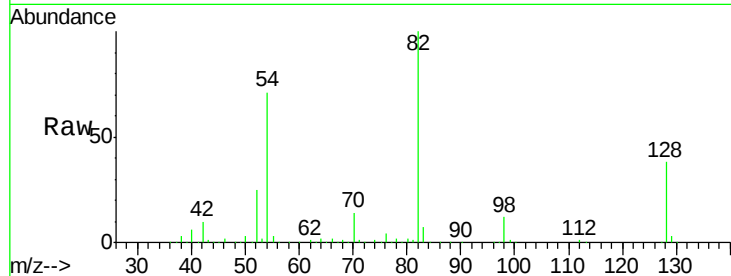




#23
 Nitrobenzene-d5
 Concen: 96.79 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF087363.D
 Acq: 25 May 2016 5:18

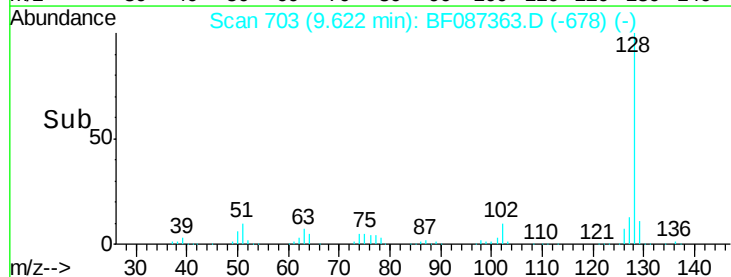
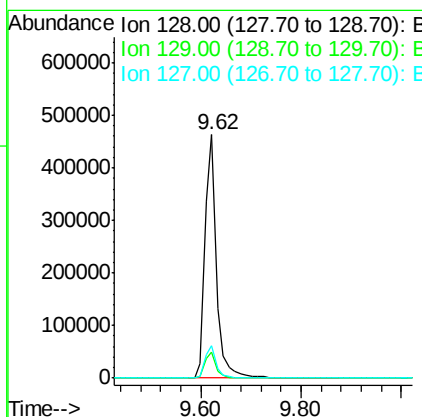
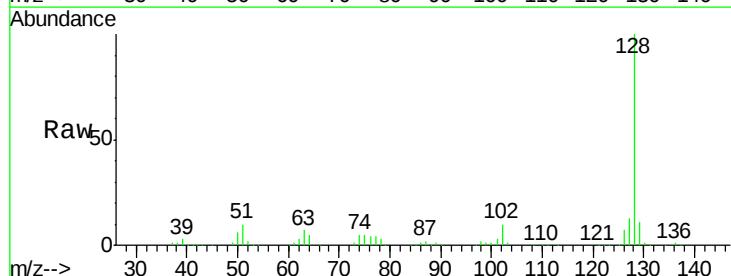
Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1690(0-4)

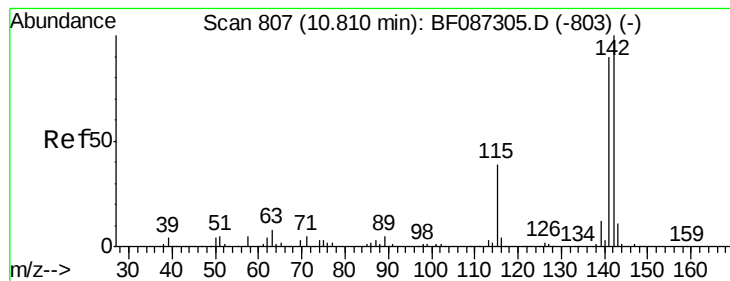
Tot Ion	82	Resp	849611
Ion Ratio	Lower	Upper	
82	100		
128	38.1	40.6	61.0#
54	70.6	38.1	57.1#



#31
 Naphthalene
 Concen: 33.18 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF087363.D
 Acq: 25 May 2016 5:18

Tgt Ion	128	Resp	735497
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.6	13.0
127	13.3	10.8	16.2





#37

2-Methylnaphthalene

Concen: 2.46 ng

RT: 10.76 min Scan# 803

Delta R.T. 0.01 min

Lab File: BF087363.D

Acq: 25 May 2016 5:18

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1690(0-4)

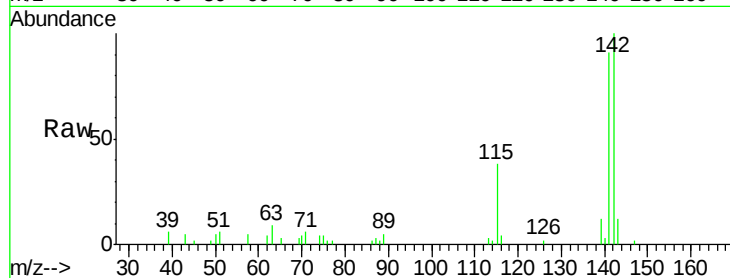
Tot Ion:142 Resp: 34057

Ion Ratio Lower Upper

142 100

141 90.5 71.0 106.6

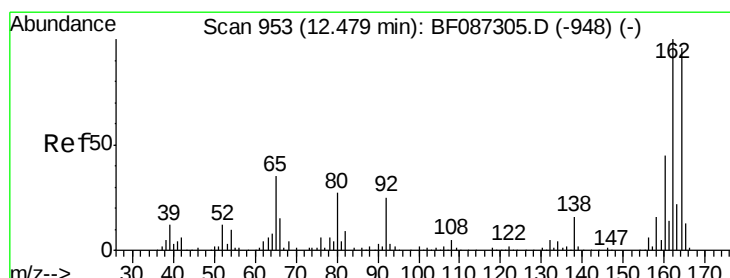
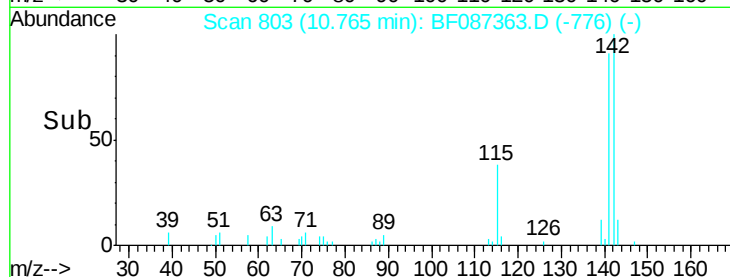
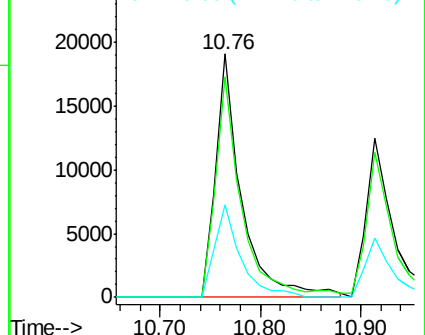
115 37.9 26.6 39.8



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: 12.41 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF087363.D

Acq: 25 May 2016 5:18

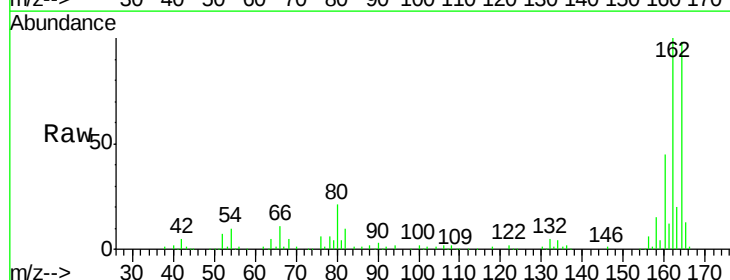
Tgt Ion:164 Resp: 214635

Ion Ratio Lower Upper

164 100

162 102.3 82.8 124.2

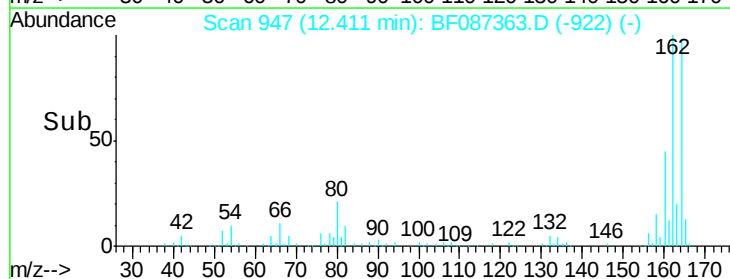
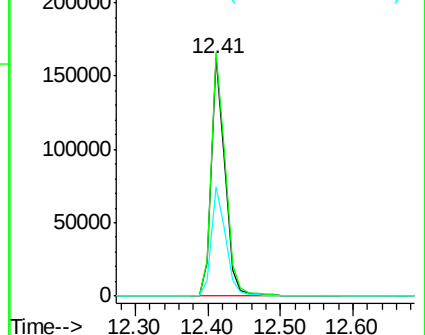
160 46.0 36.9 55.3

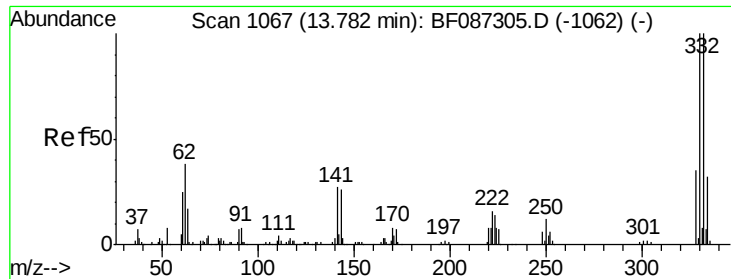


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

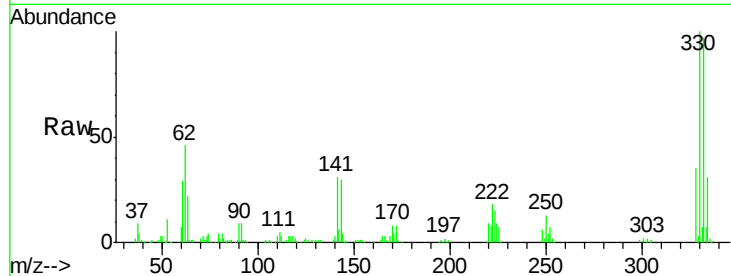




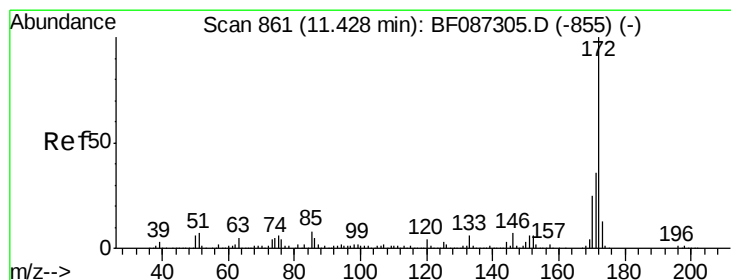
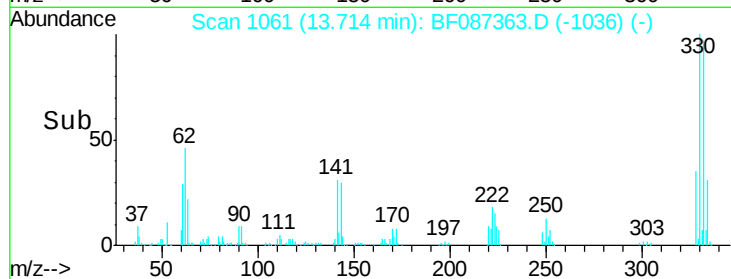
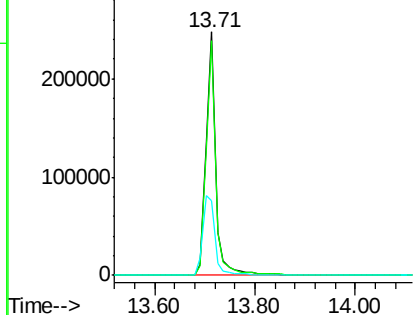
#41
 2,4,6-Tribromophenol
 Concen: 163.41 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF087363.D
 Acq: 25 May 2016 5:18

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1690(0-4)

Tot Ion:330 Resp: 337037
 Ion Ratio Lower Upper
 330 100
 332 96.3 79.0 118.4
 141 42.0 31.2 46.8

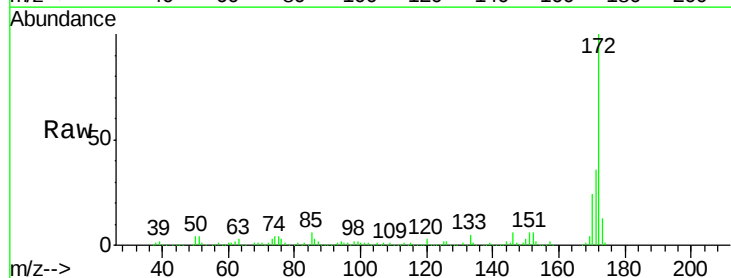


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

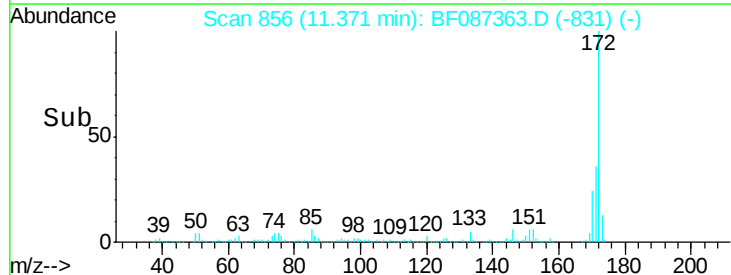
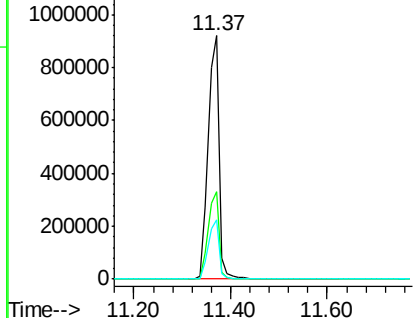


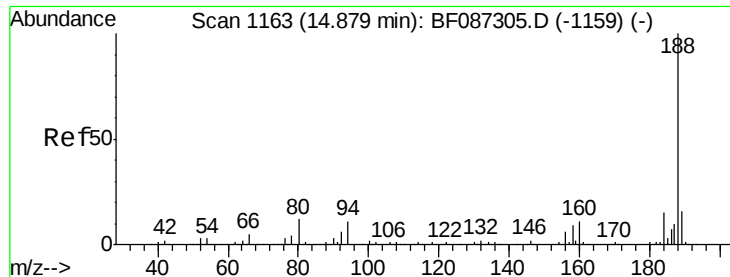
#44
 2-Fluorobiphenyl
 Concen: 97.06 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF087363.D
 Acq: 25 May 2016 5:18

Tgt Ion:172 Resp: 1477724
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 24.3 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: 14.82 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF087363.D

Acq: 25 May 2016 5:18

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1690(0-4)

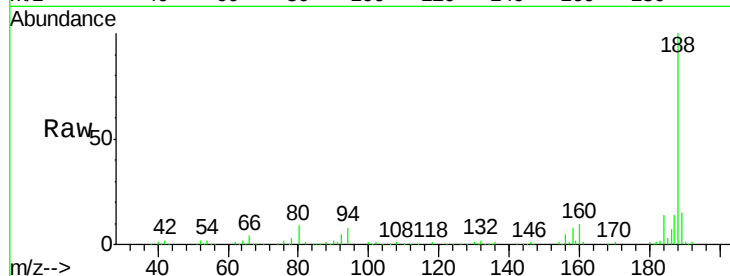
Tot Ion:188 Resp: 434627

Ion Ratio Lower Upper

188 100

94 8.4 6.8 10.2

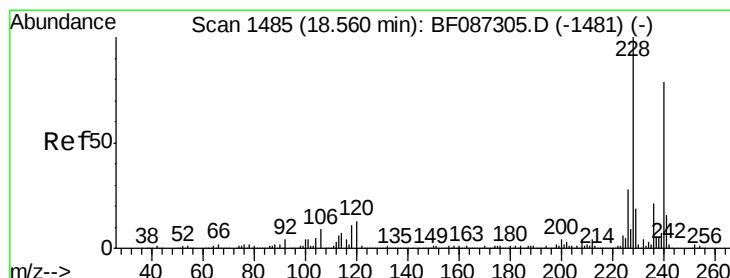
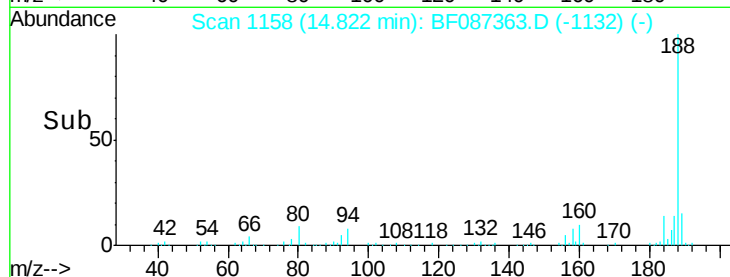
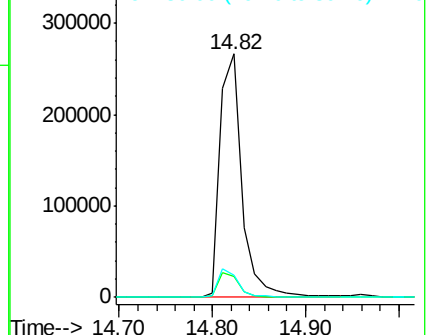
80 8.9 7.1 10.7



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: 18.50 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF087363.D

Acq: 25 May 2016 5:18

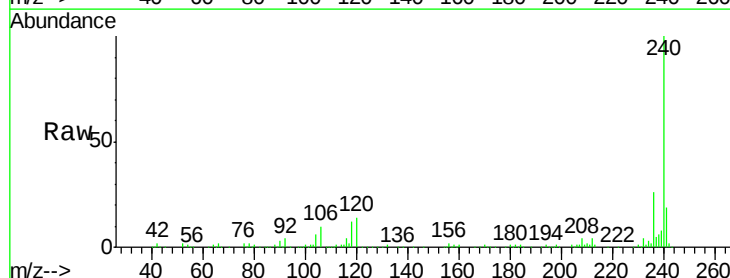
Tgt Ion:240 Resp: 367759

Ion Ratio Lower Upper

240 100

120 13.8 11.2 16.8

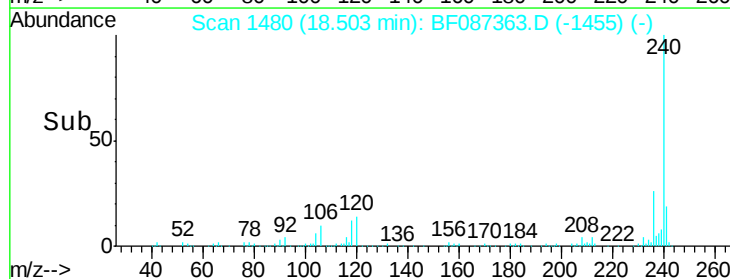
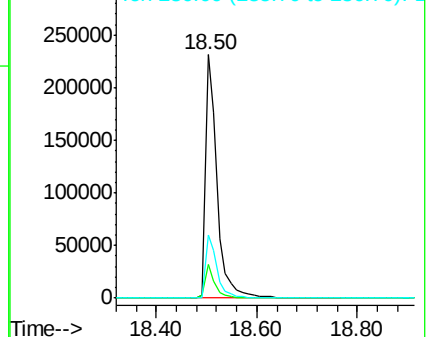
236 26.1 21.2 31.8

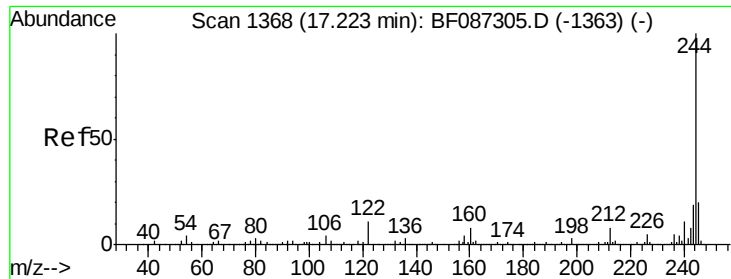


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.51 ng

RT: 17.17 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF087363.D

Acq: 25 May 2016 5:18

Instrument :

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CHS-STA-1690(0-4)

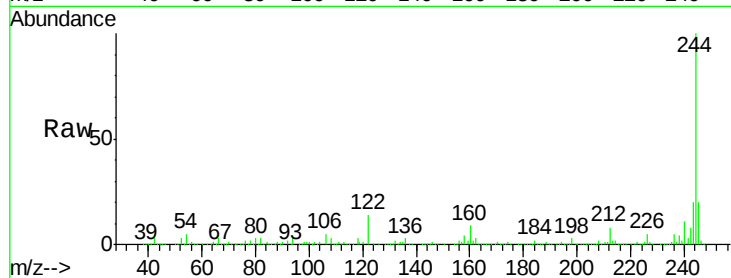
Tot Ion:244 Resp: 1461818

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

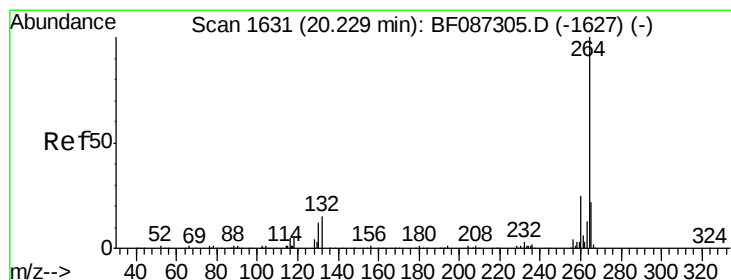
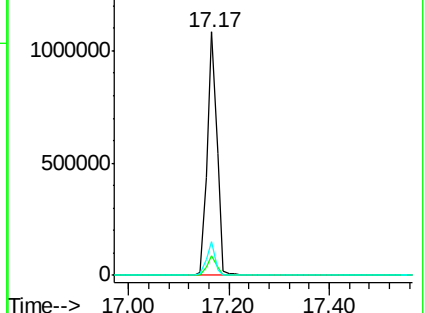
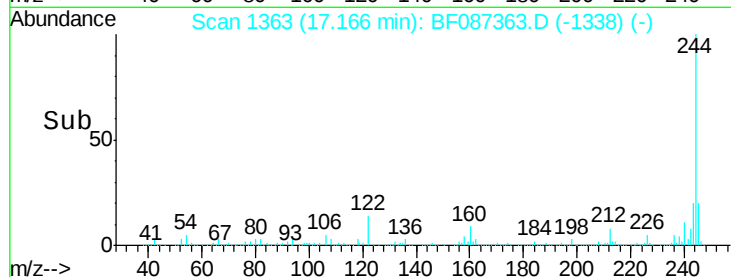
122 13.7 12.0 18.0



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: 20.17 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BF087363.D

Acq: 25 May 2016 5:18

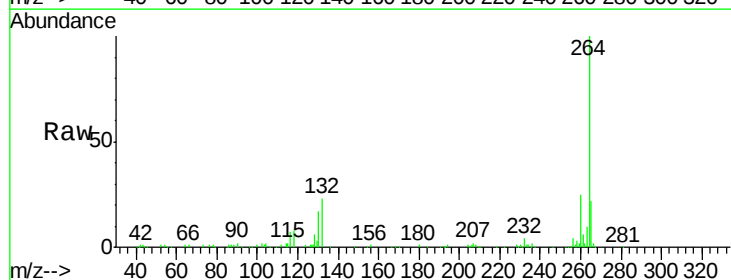
Tgt Ion:264 Resp: 266462

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 21.5 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

