

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
 Data File : BF087393.D
 Acq On : 26 May 2016 3:37
 Operator : UM/SJ
 Sample : H3212-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE1-4

Quant Time: May 26 04:40:27 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

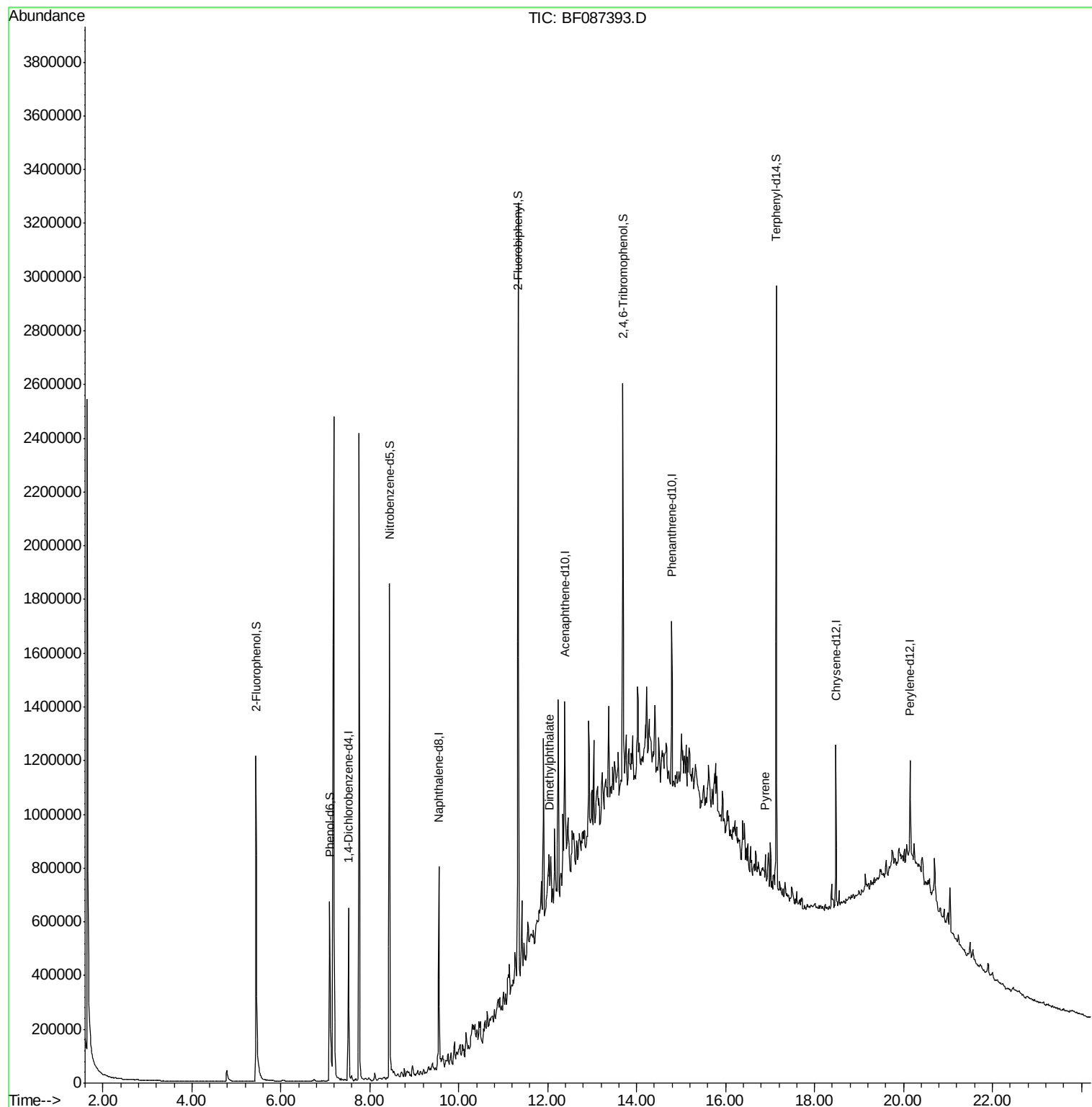
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	112352	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	426924	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	167914	20.00	ng	0.00
63) Phenanthrene-d10	14.79	188	265591	20.00	ng	0.01
75) Chrysene-d12	18.48	240	229386	20.00	ng	0.00
86) Perylene-d12	20.15	264	160912	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	498121	77.90	ng	0.02
7) Phenol-d6	7.10	99	432539	50.06	ng	0.02
23) Nitrobenzene-d5	8.44	82	887835	104.81	ng	0.00
41) 2,4,6-Tribromophenol	13.69	330	222181	137.69	ng	0.01
44) 2-Fluorobiphenyl	11.34	172	1260384	105.82	ng	0.00
78) Terphenyl-d14	17.14	244	784151	72.68	ng	0.01
Target Compounds						
49) Dimethylphthalate	12.03	163	41833	3.11	ng	# 91
77) Pyrene	16.89	202	45487	2.75	ng	# 91

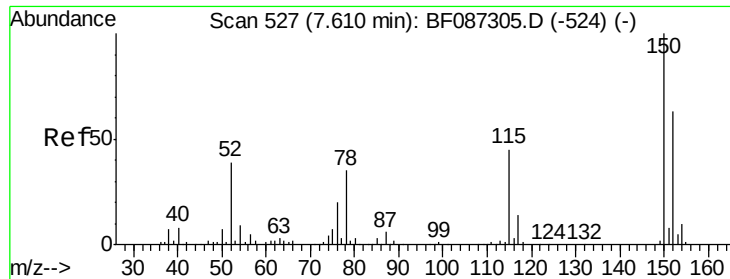
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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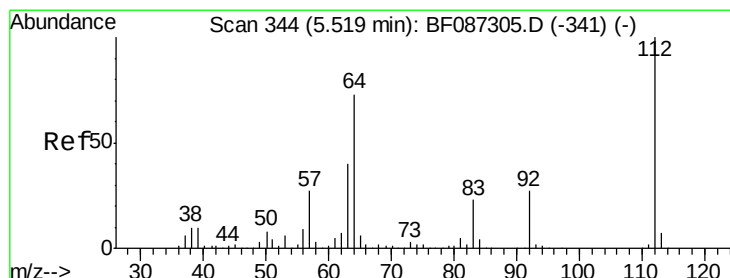
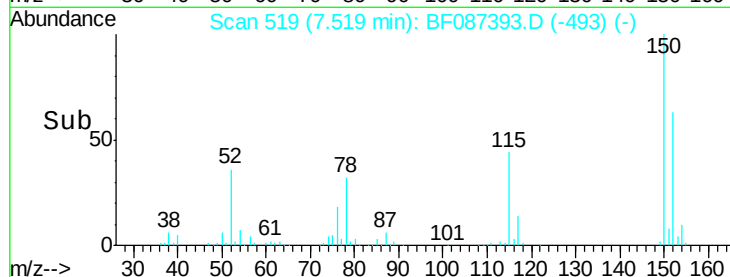
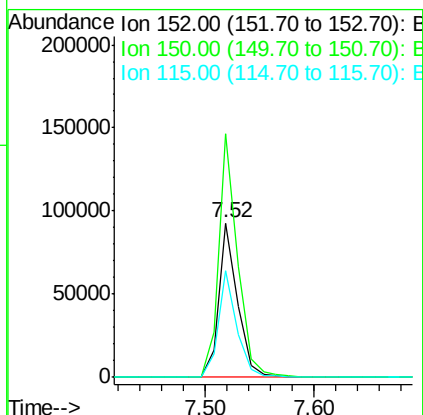
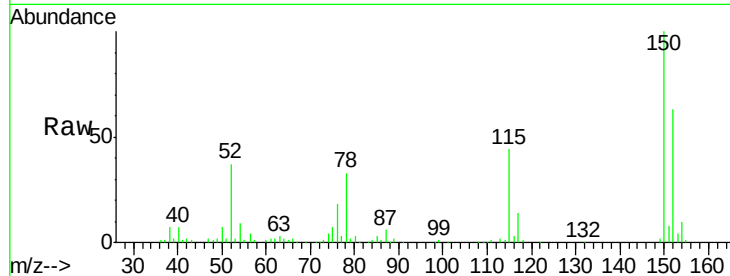


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF087393.D
Acq: 26 May 2016 3:37

Instrument :
BNA_F
ClientSampled :
VE1-4

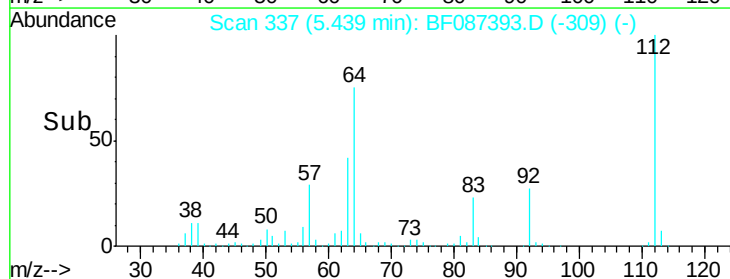
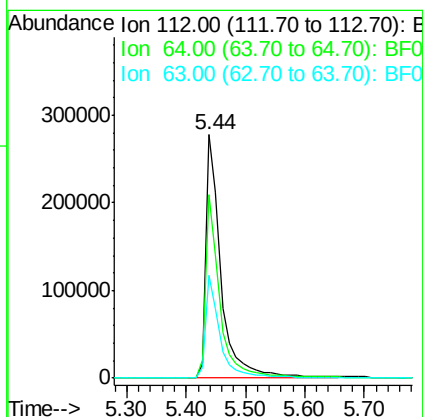
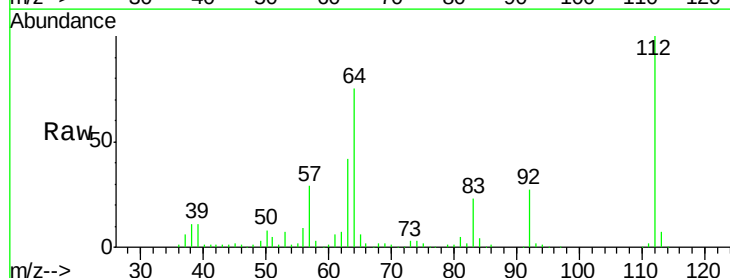
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	125.8	188.6
115	69.3	51.5	77.3

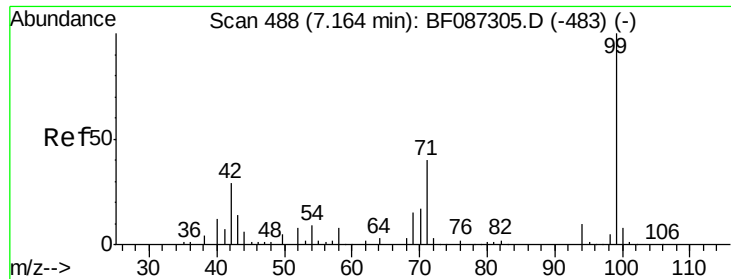


#5

2-Fluorophenol
Concen: 77.90 ng
RT: 5.44 min Scan# 337
Delta R.T. 0.02 min
Lab File: BF087393.D
Acq: 26 May 2016 3:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.2	52.1	78.1
63	42.0	25.7	38.5





#7

Phenol-d6

Concen: 50.06 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.02 min

Lab File: BF087393.D

Acq: 26 May 2016 3:37

Instrument :

BNA_F

ClientSampleId :

VE1-4

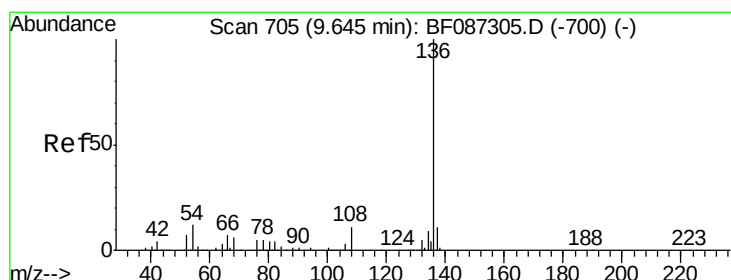
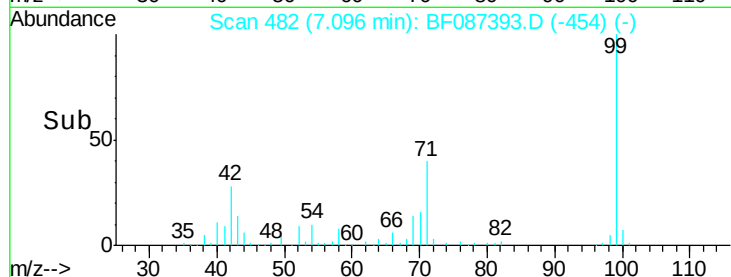
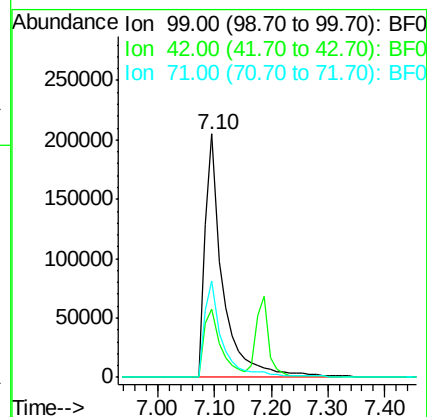
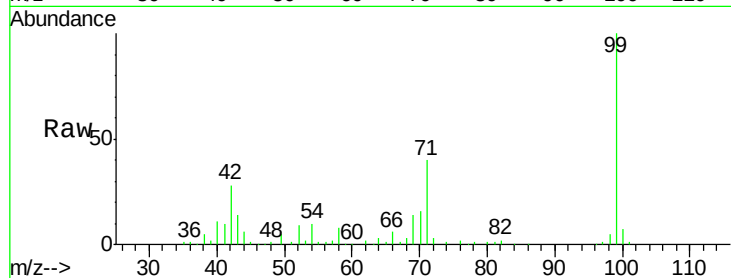
Tot Ion: 99 Resp: 432539

Ion Ratio Lower Upper

99 100

42 28.2 13.6 20.4#

71 39.8 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF087393.D

Acq: 26 May 2016 3:37

Tgt Ion: 136 Resp: 426924

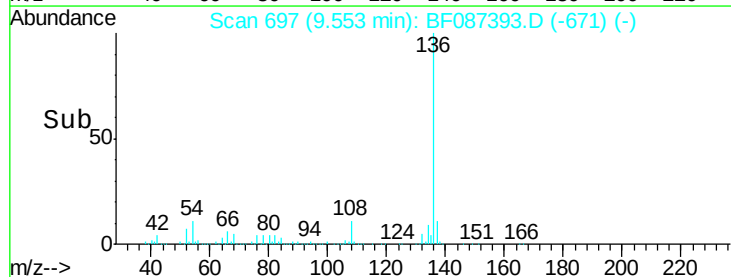
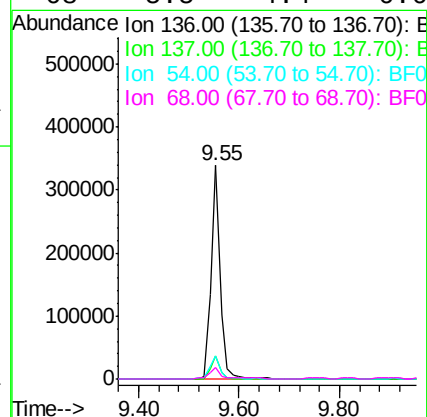
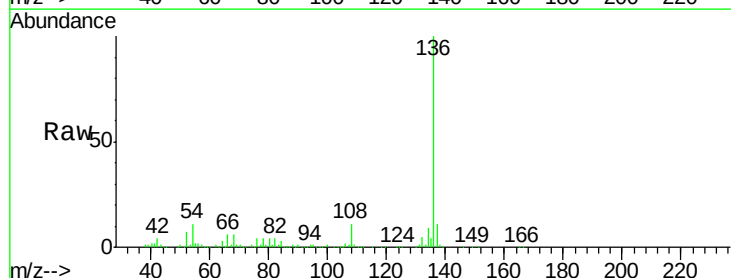
Ion Ratio Lower Upper

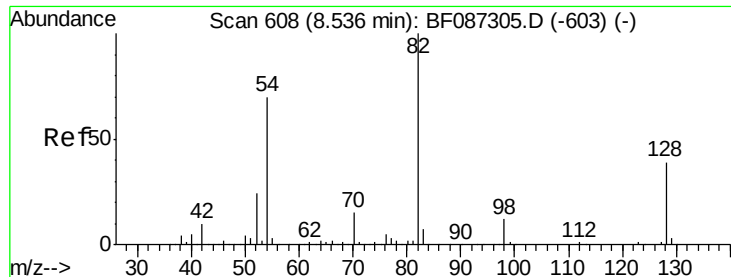
136 100

137 10.9 8.8 13.2

54 10.8 5.0 7.4#

68 5.5 4.4 6.6

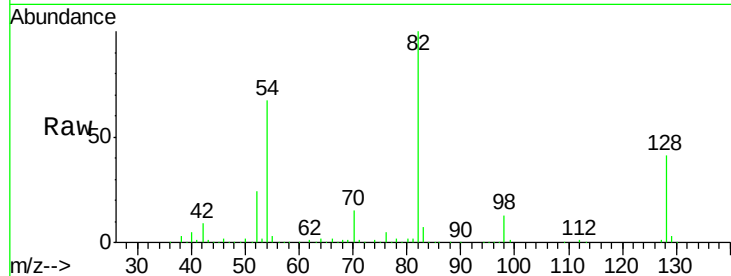




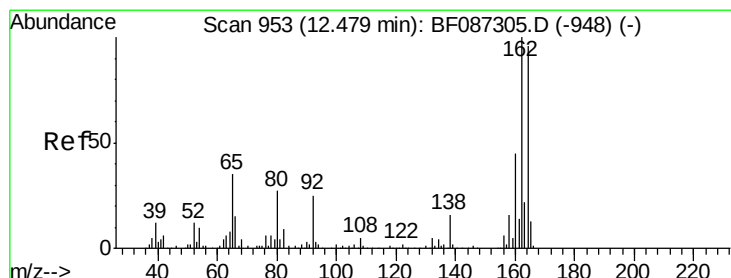
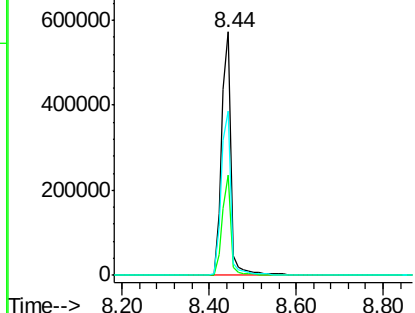
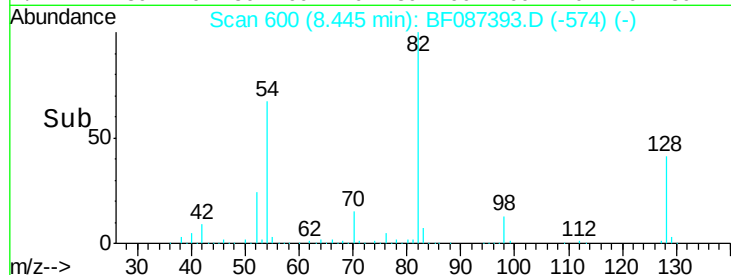
#23
Nitrobenzene-d5
Concen: 104.81 ng
RT: 8.44 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF087393.D
Acq: 26 May 2016 3:37

Instrument :
BNA_F
ClientSampleId :
VE1-4

Tot Ion: 82 Resp: 887835
Ion Ratio Lower Upper
82 100
128 41.2 40.6 61.0
54 67.2 38.1 57.1#

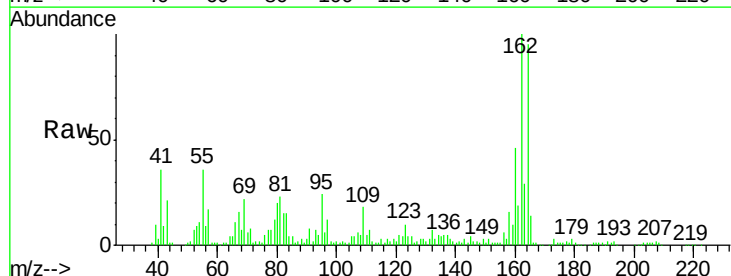


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

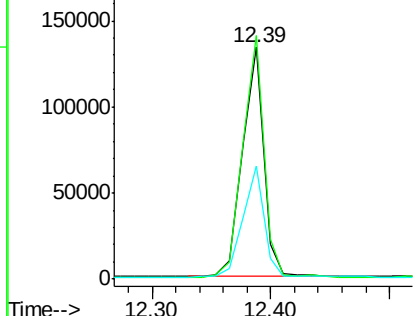
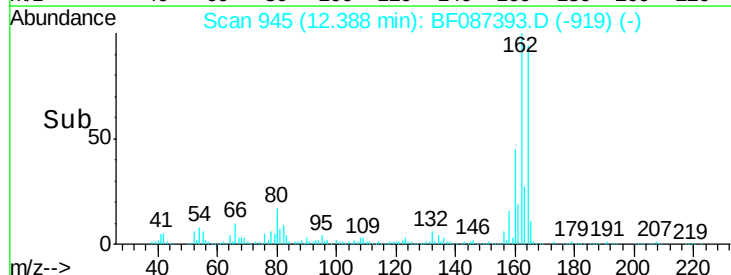


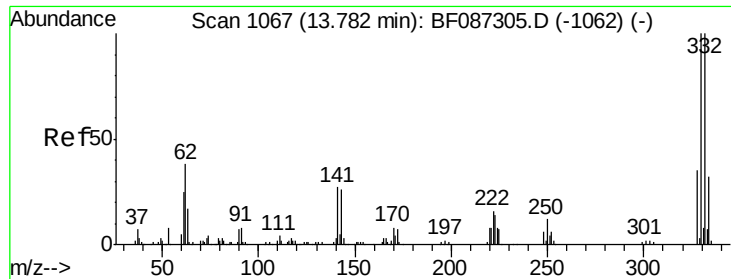
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF087393.D
Acq: 26 May 2016 3:37

Tgt Ion: 164 Resp: 167914
Ion Ratio Lower Upper
164 100
162 105.2 82.8 124.2
160 48.6 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

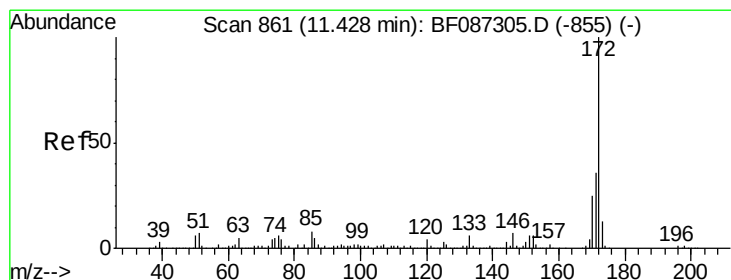
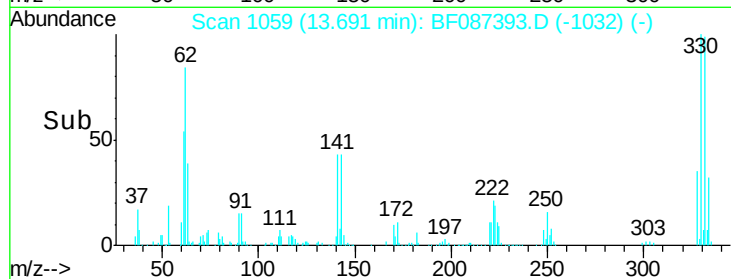
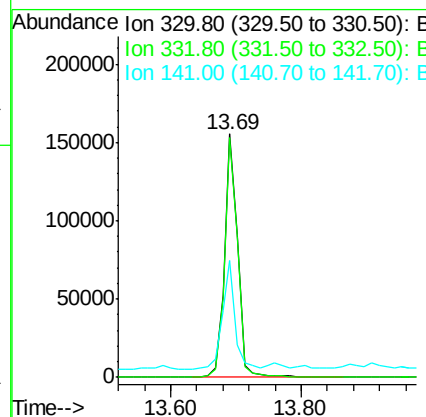
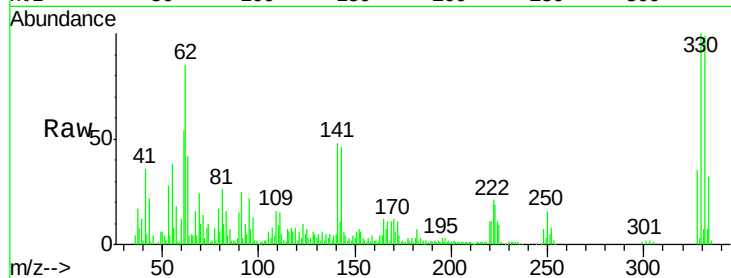




#41
 2,4,6-Tribromophenol
 Concen: 137.69 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.01 min
 Lab File: BF087393.D
 Acq: 26 May 2016 3:37

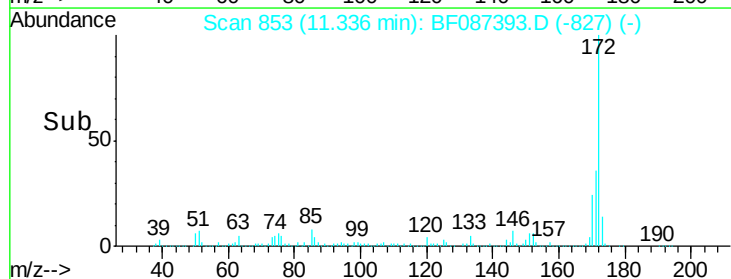
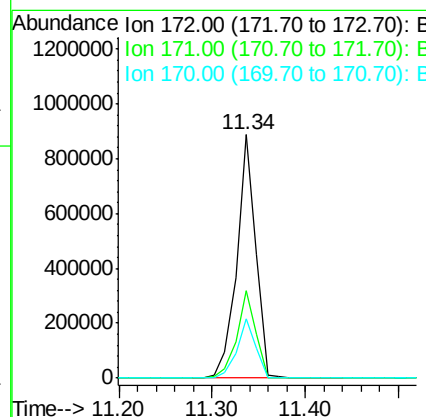
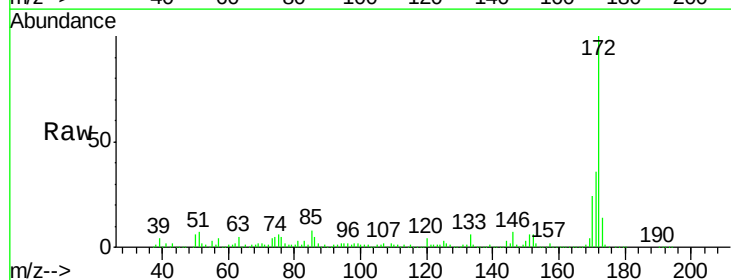
Instrument :
 BNA_F
 ClientSampleId :
 VE1-4

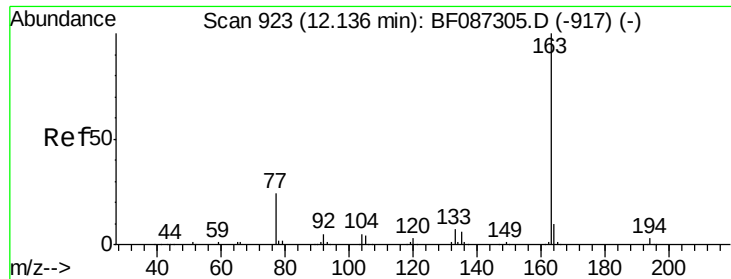
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	79.0	118.4
141	42.7	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 105.82 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF087393.D
 Acq: 26 May 2016 3:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.4	19.8	29.8





#49

Dimethylphthalate

Concen: 3.11 ng

RT: 12.03 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF087393.D

Acq: 26 May 2016 3:37

Instrument :

BNA_F

ClientSampleId :

VE1-4

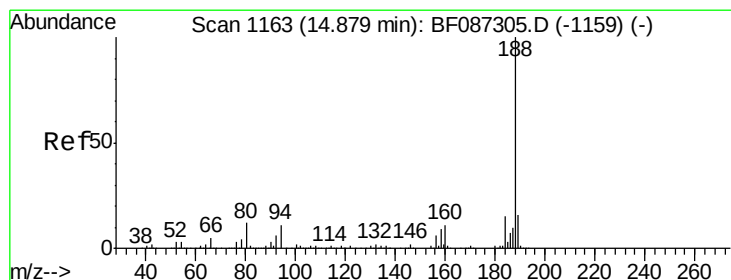
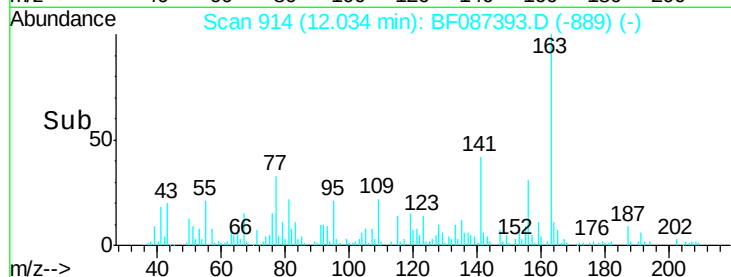
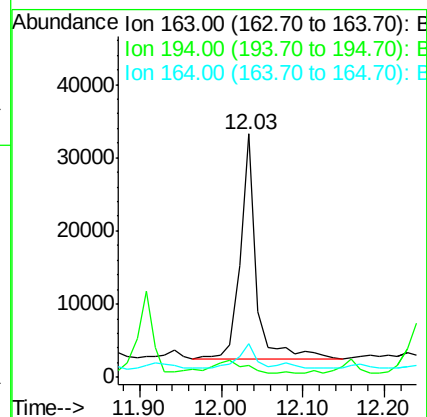
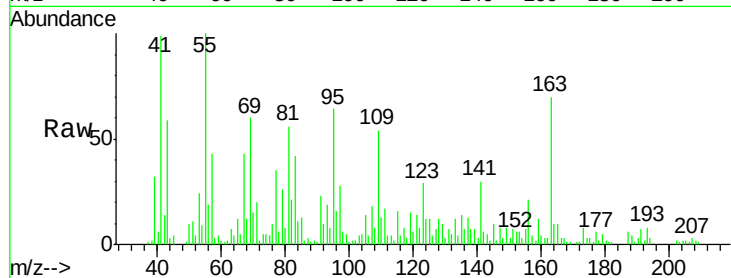
Tot Ion:163 Resp: 41833

Ion Ratio Lower Upper

163 100

194 4.7 2.6 4.0#

164 14.1 8.2 12.4#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BF087393.D

Acq: 26 May 2016 3:37

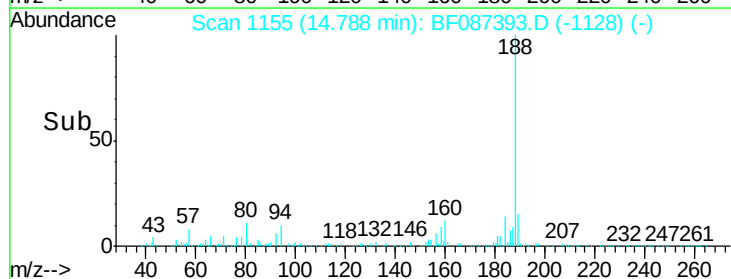
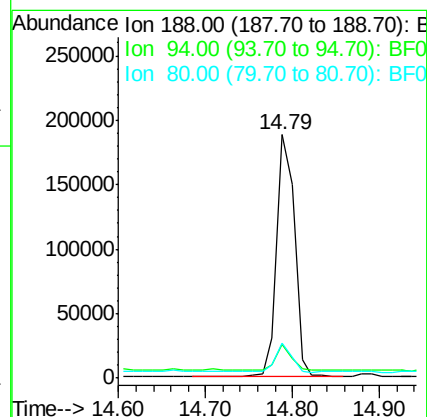
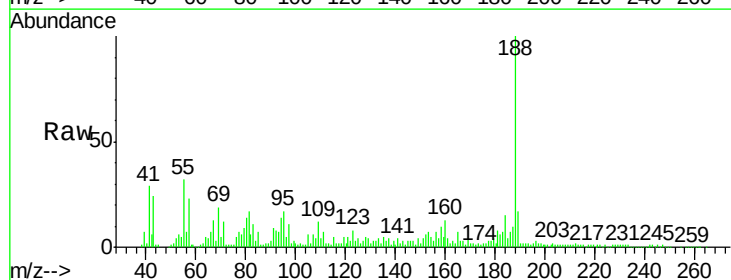
Tgt Ion:188 Resp: 265591

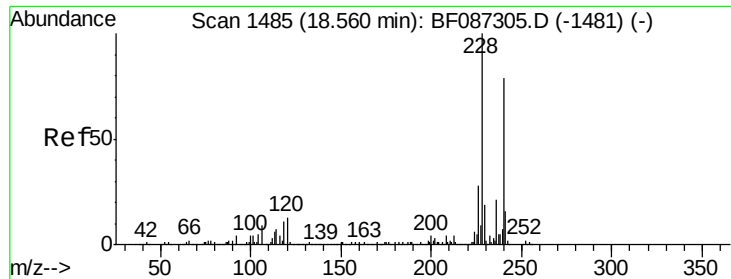
Ion Ratio Lower Upper

188 100

94 13.7 6.8 10.2#

80 14.1 7.1 10.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.48 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BF087393.D

Acq: 26 May 2016 3:37

Instrument :

BNA_F

ClientSampled :

VE1-4

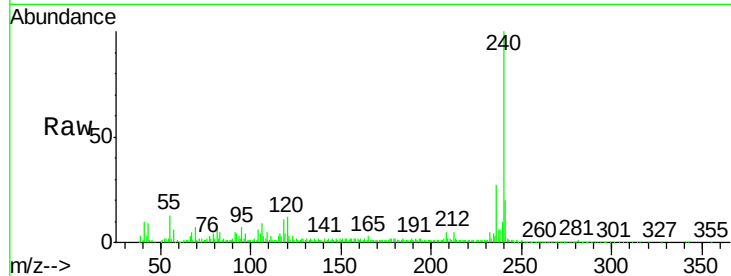
Tot Ion:240 Resp: 229386

Ion Ratio Lower Upper

240 100

120 12.2 11.2 16.8

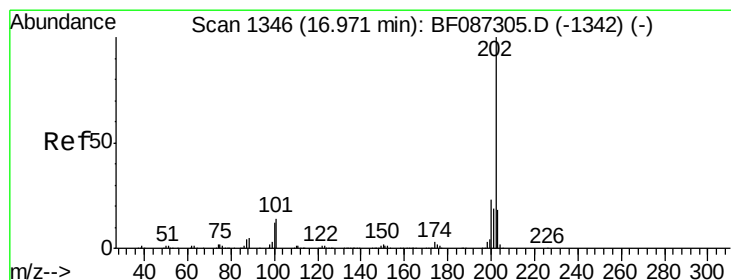
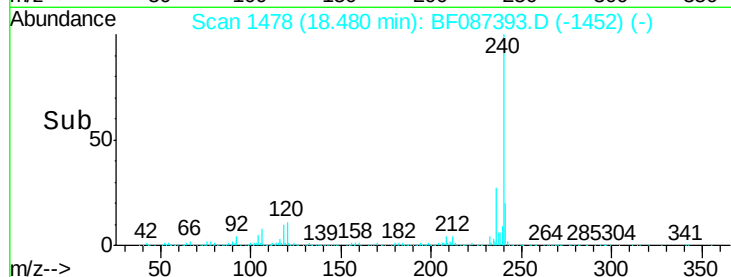
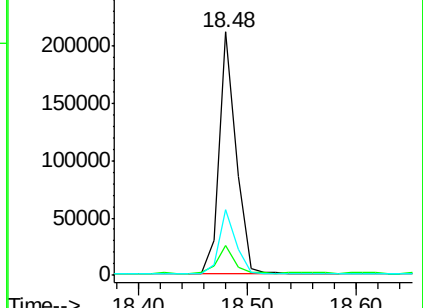
236 27.2 21.2 31.8



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



#77

Pyrene

Concen: 2.75 ng

RT: 16.89 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF087393.D

Acq: 26 May 2016 3:37

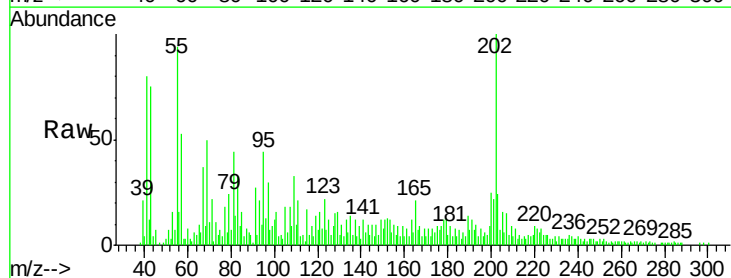
Tgt Ion:202 Resp: 45487

Ion Ratio Lower Upper

202 100

200 24.7 17.7 26.5

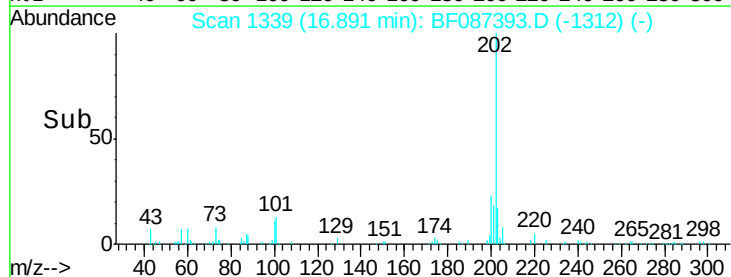
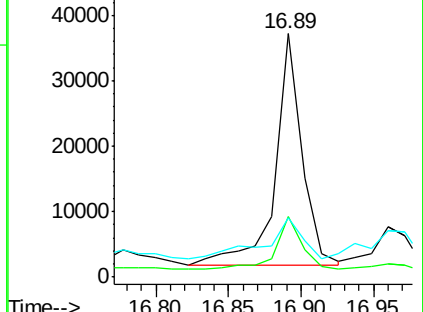
203 24.1 14.2 21.4#

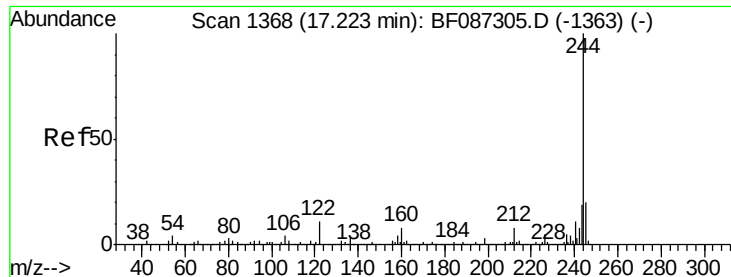


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 72.68 ng

RT: 17.14 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF087393.D

Acq: 26 May 2016 3:37

Instrument :

BNA_F

ClientSampled :

VE1-4

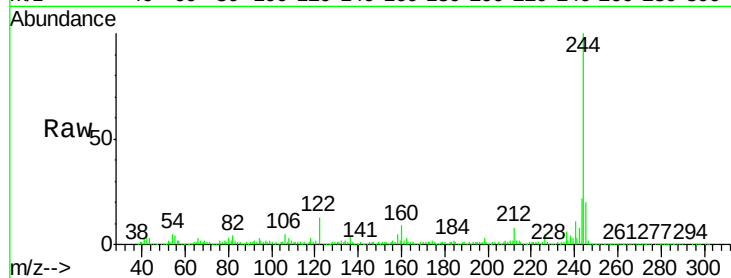
Tot Ion:244 Resp: 784151

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

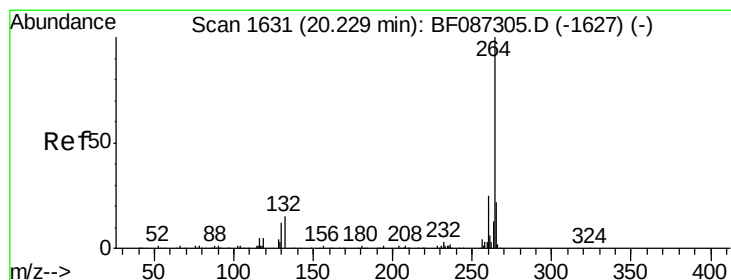
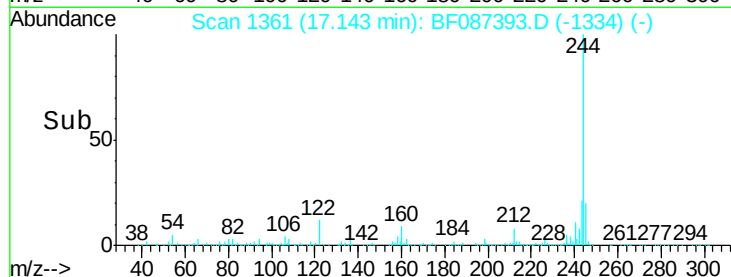
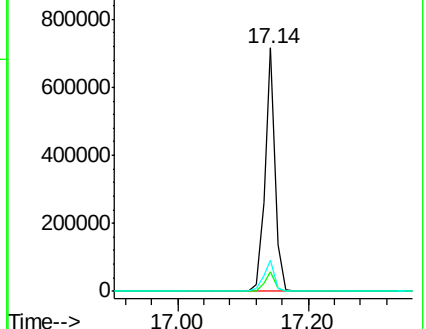
122 12.8 12.0 18.0



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: 20.15 min Scan# 1624

Delta R.T. 0.01 min

Lab File: BF087393.D

Acq: 26 May 2016 3:37

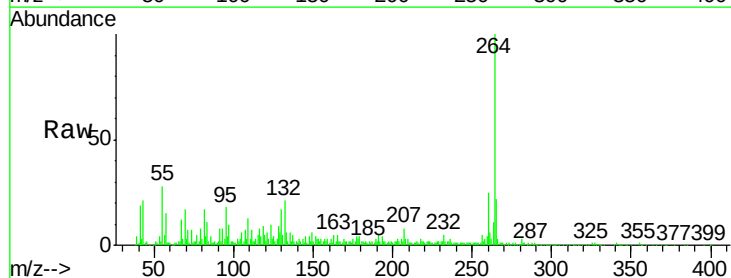
Tgt Ion:264 Resp: 160912

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.9 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

