

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096615.D
 Acq On : 10 Jul 2017 21:48
 Operator : SJ/JU
 Sample : I4078-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-228

Quant Time: Jul 11 04:07:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

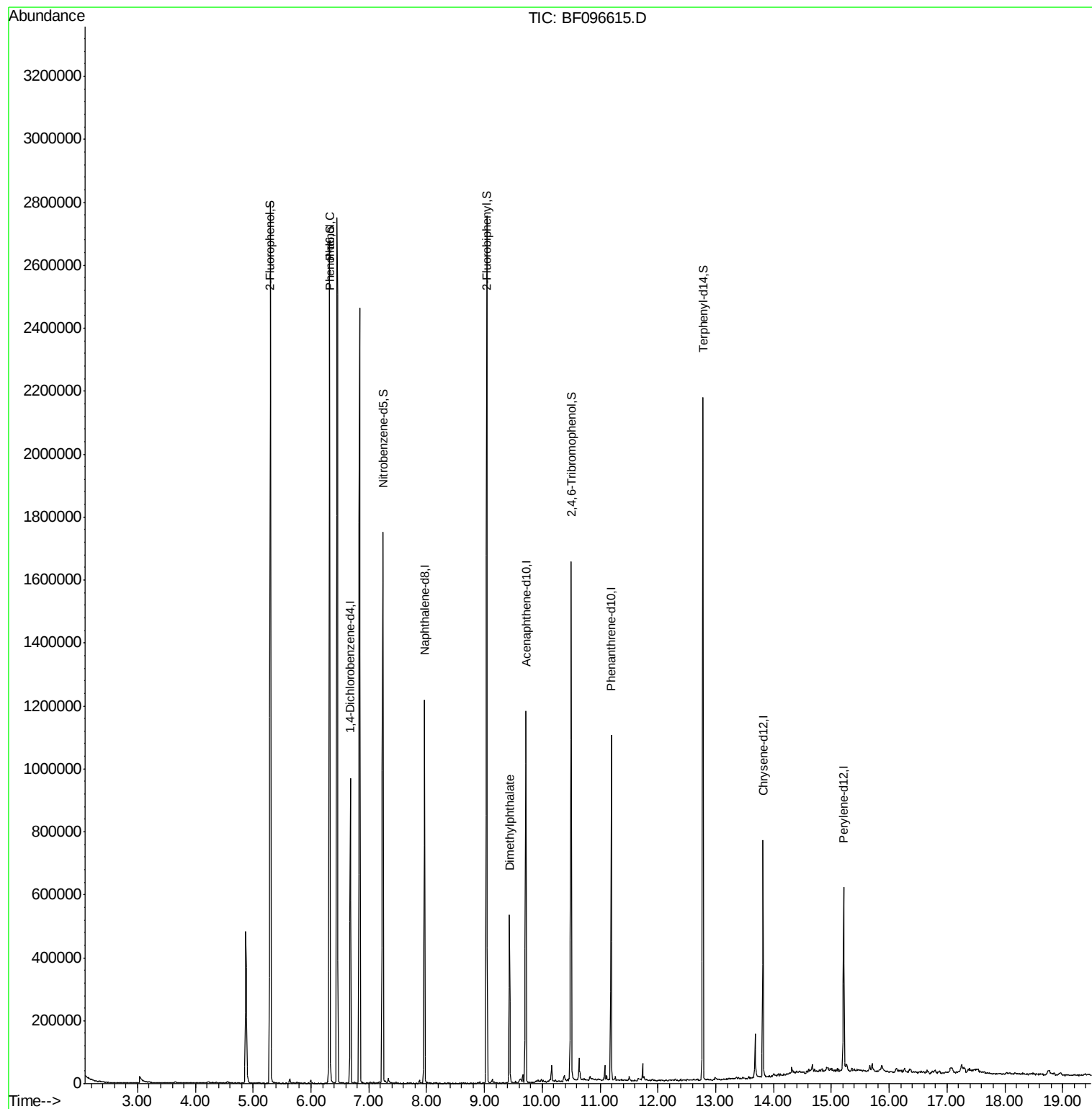
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	132849	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	551555	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	244810	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	387728	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	252507	20.00	ng	-0.03
86) Perylene-d12	15.22	264	234198	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	804612	89.39	ng	-0.01
7) Phenol-d6	6.32	99	1072264	96.90	ng	-0.02
23) Nitrobenzene-d5	7.25	82	591378	64.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	198826	103.97	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1049326	73.29	ng	-0.02
78) Terphenyl-d14	12.78	244	718955	60.84	ng	-0.02
Target Compounds						
10) Phenol	6.33	94	31971	2.54	ng	92
49) Dimethylphthalate	9.43	163	202421	11.08	ng	100

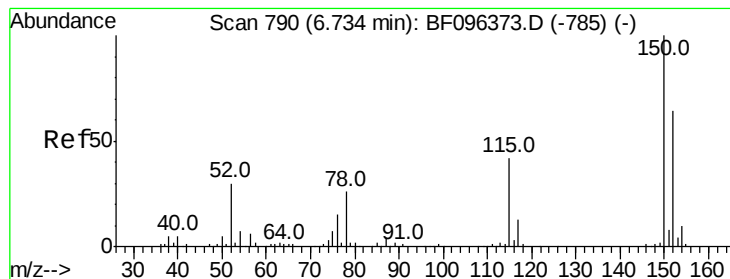
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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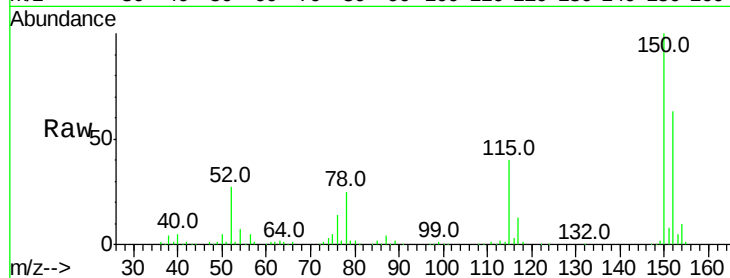


#1

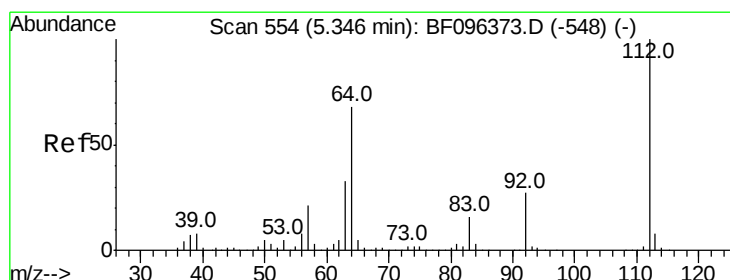
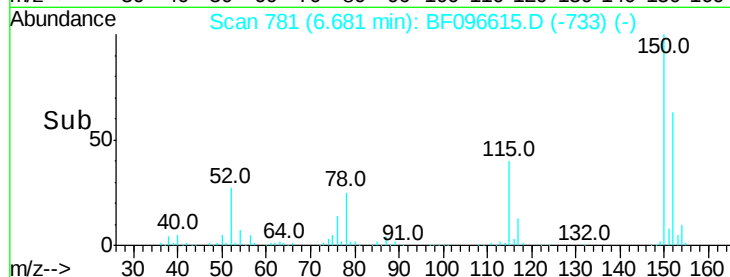
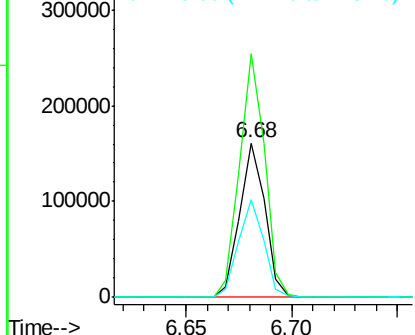
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF096615.D
 Acq: 10 Jul 2017 21:48

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-228

Tot Ion:152 Resp: 132849
 Ion Ratio Lower Upper
 152 100
 150 157.9 126.2 189.2
 115 63.2 52.2 78.2



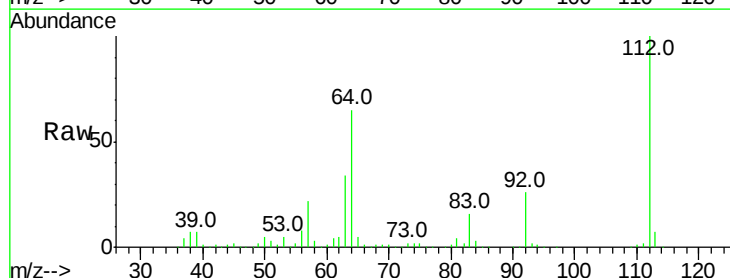
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



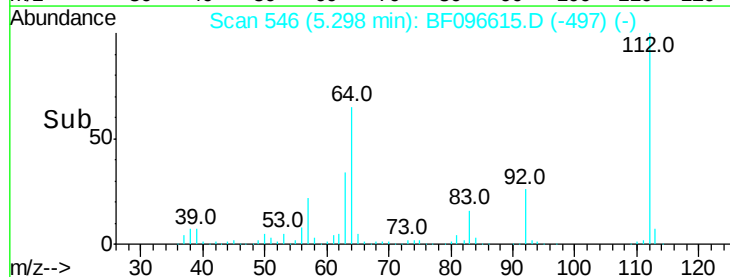
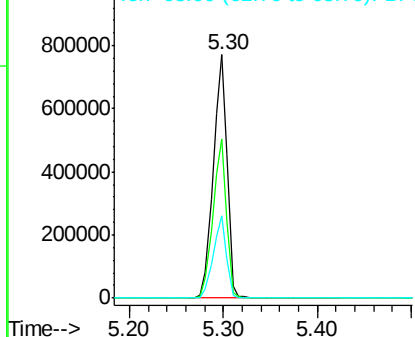
#5

2-Fluorophenol
 Concen: 89.39 ng
 RT: 5.30 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF096615.D
 Acq: 10 Jul 2017 21:48

Tgt Ion:112 Resp: 804612
 Ion Ratio Lower Upper
 112 100
 64 65.2 46.0 69.0
 63 34.0 23.4 35.0



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: 96.90 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF096615.D

Acq: 10 Jul 2017 21:48

Instrument :

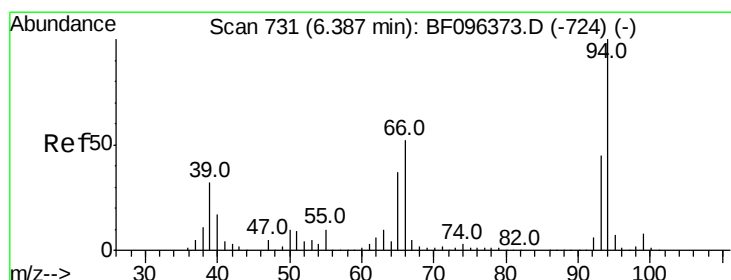
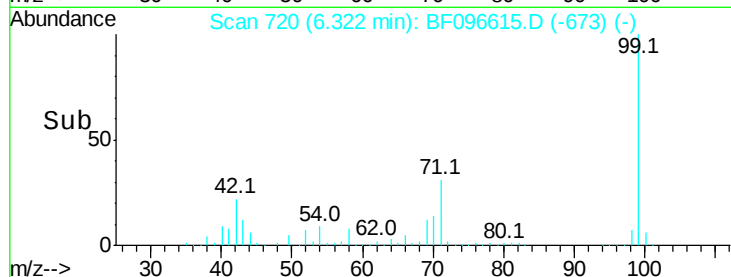
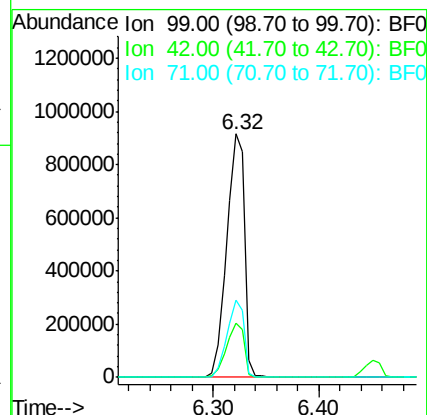
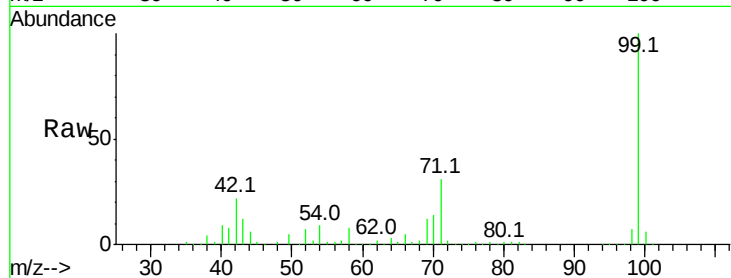
BNA_F

ClientSampleId :

VNJ-228

Tot Ion: 99 Resp: 1072264

Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	31.5	24.5	36.7



#10

Phenol

Concen: 2.54 ng

RT: 6.33 min Scan# 722

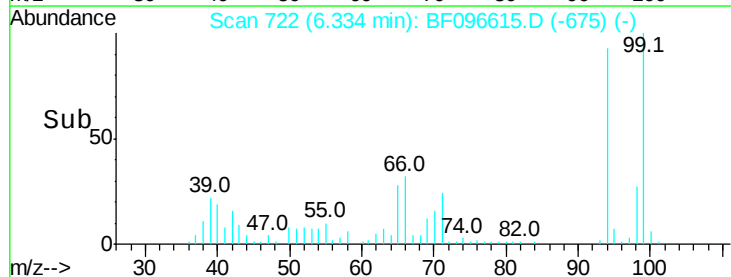
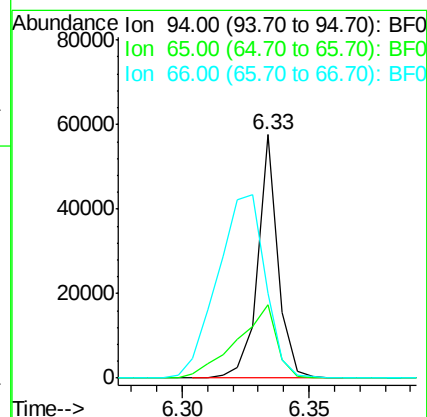
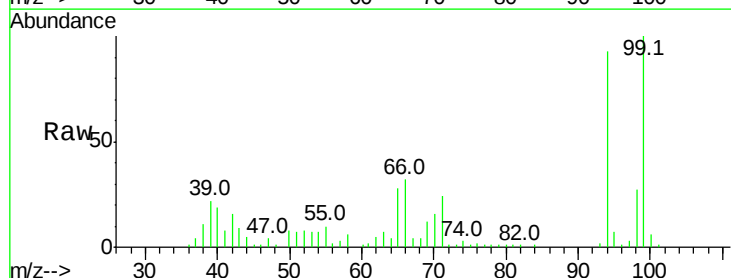
Delta R.T. -0.02 min

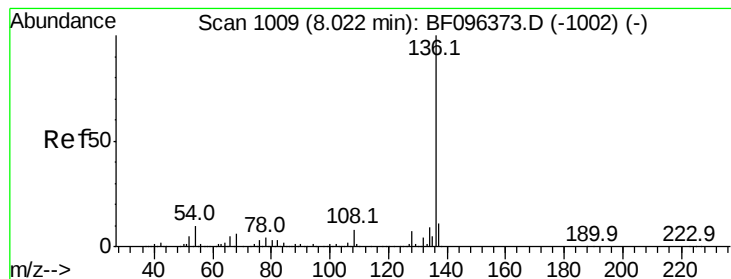
Lab File: BF096615.D

Acq: 10 Jul 2017 21:48

Tgt Ion: 94 Resp: 31971

Ion	Ratio	Lower	Upper
94	100		
65	30.0	9.9	49.9
66	34.8	23.1	63.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF096615.D

Acq: 10 Jul 2017 21:48

Instrument :

BNA_F

ClientSampleId :

VNJ-228

Tot Ion:136 Resp: 551555

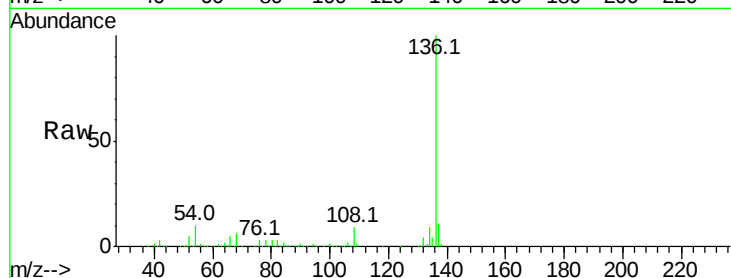
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.3 4.9 7.3#

68 5.7 4.1 6.1

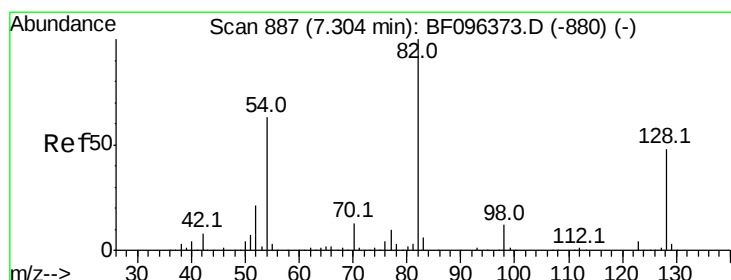
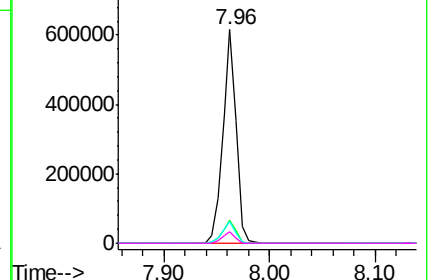
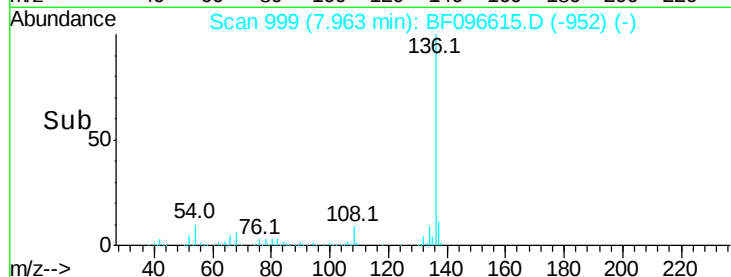


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 64.43 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF096615.D

Acq: 10 Jul 2017 21:48

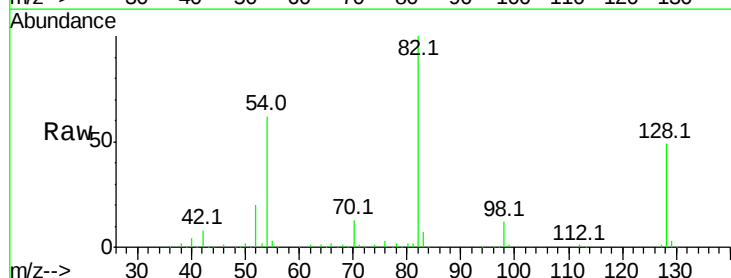
Tgt Ion: 82 Resp: 591378

Ion Ratio Lower Upper

82 100

128 48.7 34.0 51.0

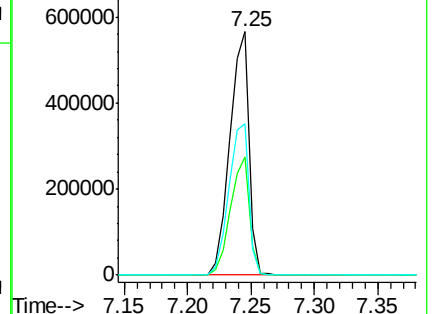
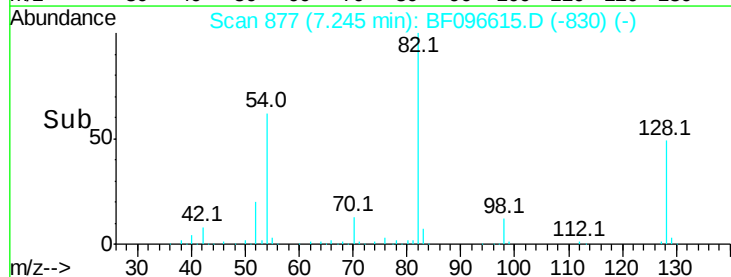
54 62.0 42.2 63.2

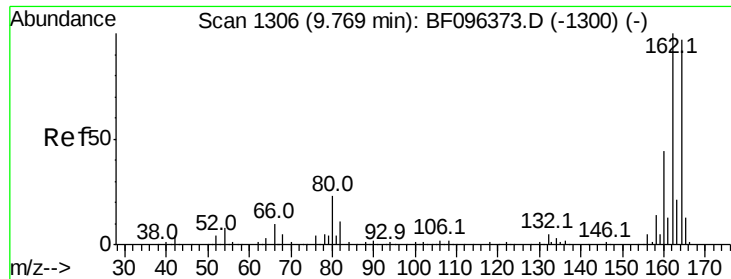


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

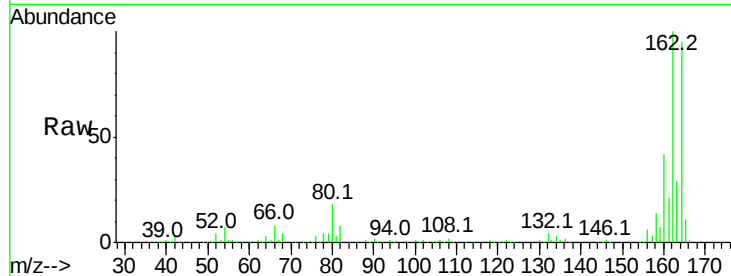




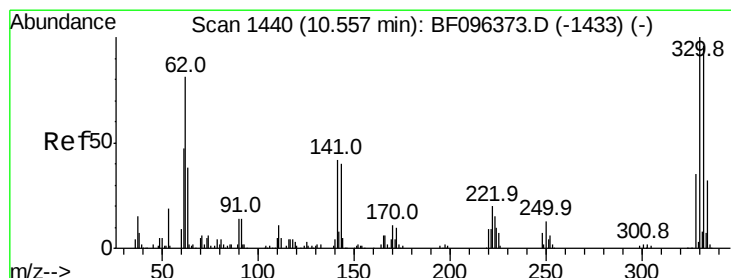
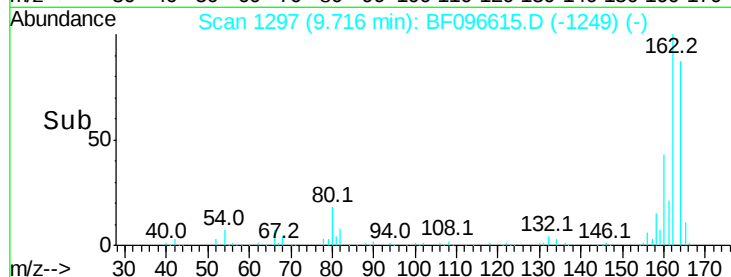
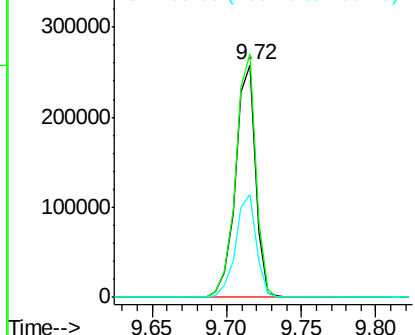
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Tot Ion:164 Resp: 244810
Ion Ratio Lower Upper
164 100
162 104.8 82.6 123.8
160 44.3 36.2 54.2

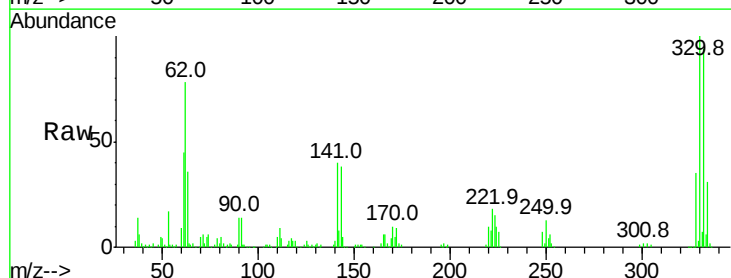


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

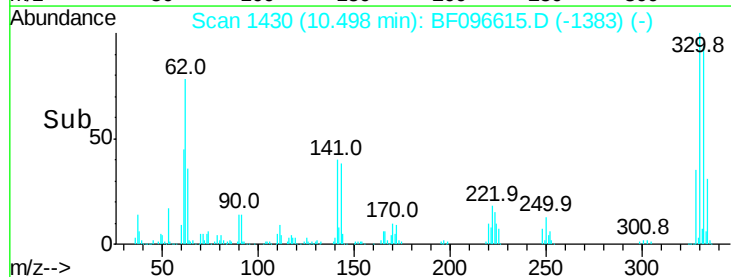
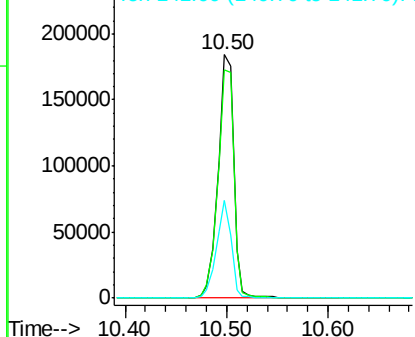


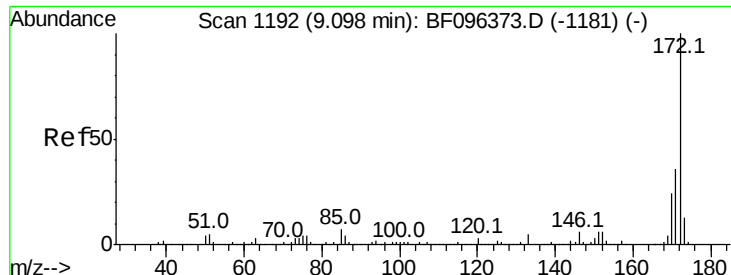
#41
2,4,6-Tribromophenol
Concen: 103.97 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Tgt Ion:330 Resp: 198826
Ion Ratio Lower Upper
330 100
332 96.0 76.6 115.0
141 37.6 31.4 47.2



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



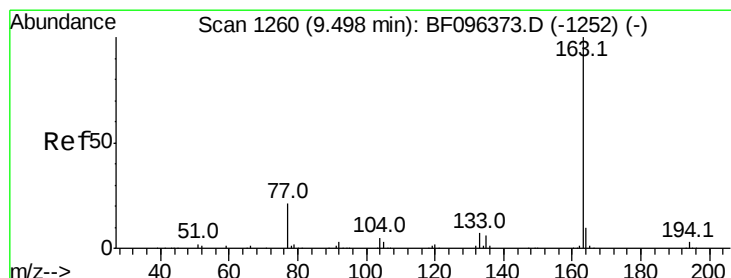
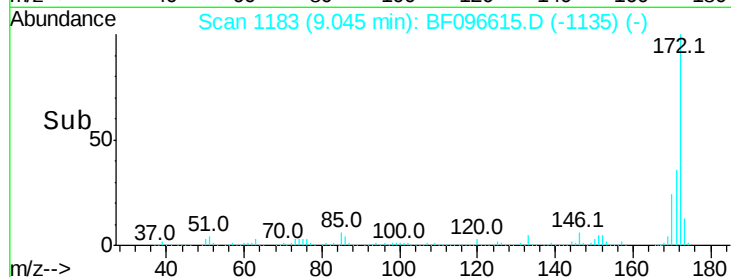
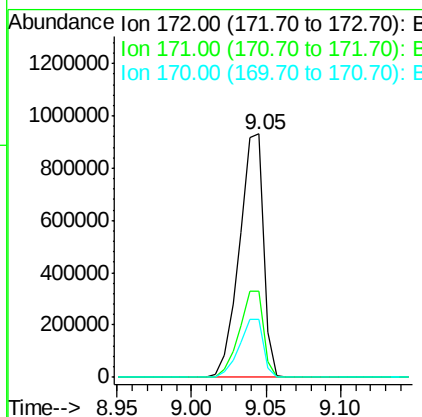
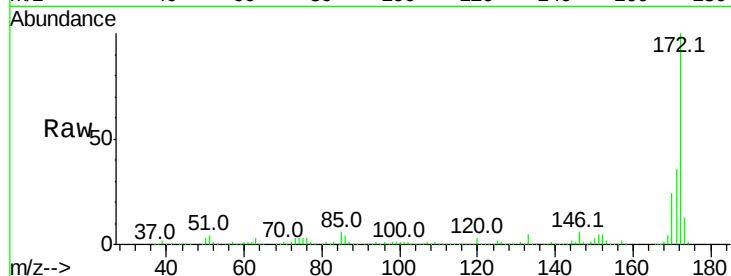


#44
 2-Fluorobiphenyl
 Concen: 73.29 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096615.D
 Acq: 10 Jul 2017 21:48

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-228

Tot Ion:172 Resp: 1049326

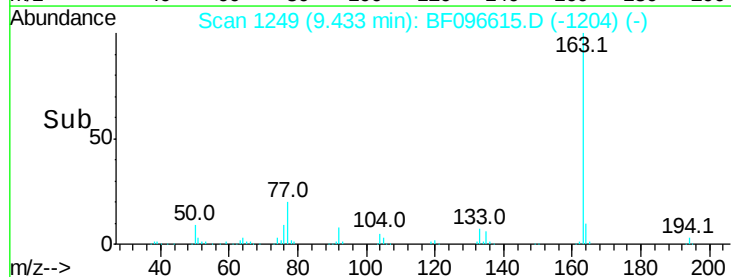
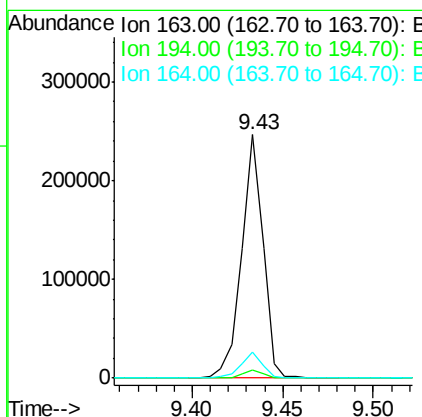
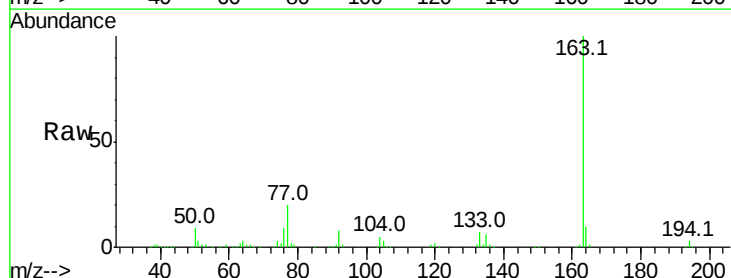
Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.0	19.8	29.8

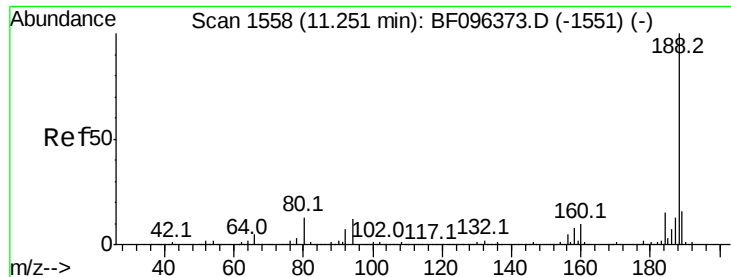


#49
 Dimethylphthalate
 Concen: 11.08 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.04 min
 Lab File: BF096615.D
 Acq: 10 Jul 2017 21:48

Tgt Ion:163 Resp: 202421

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.5	8.4	12.6

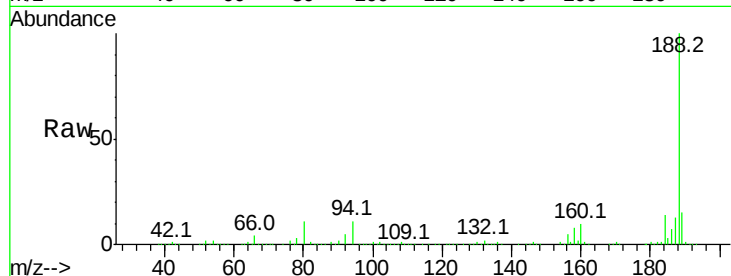




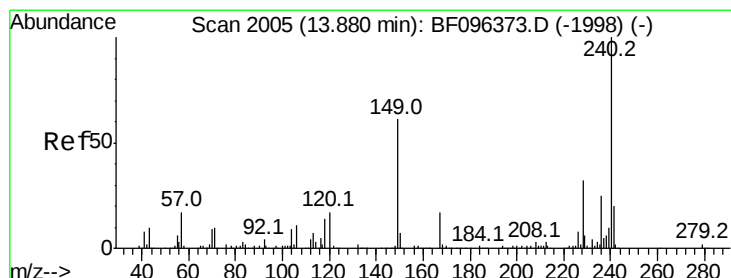
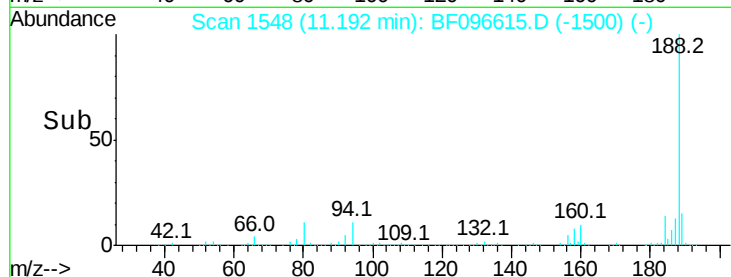
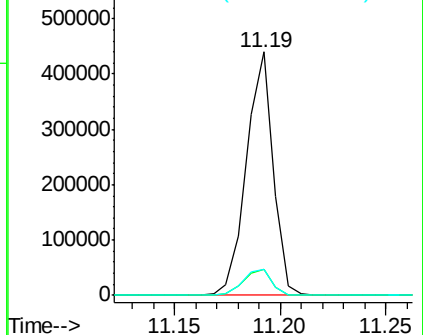
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Tot Ion:188 Resp: 387728
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 10.8 10.2 15.2

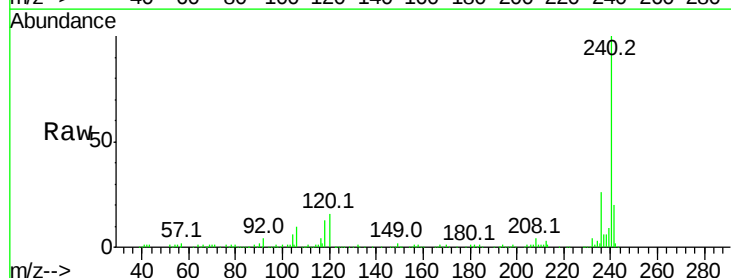


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

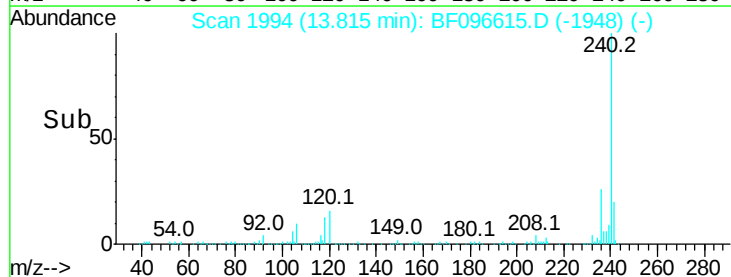
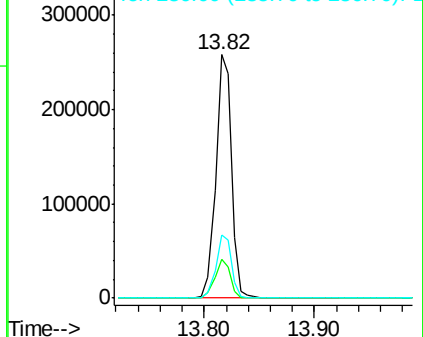


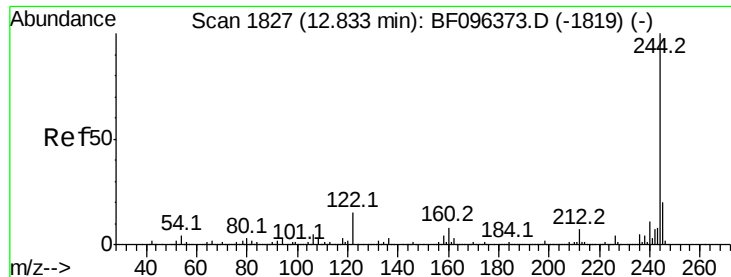
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.03 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Tgt Ion:240 Resp: 252507
Ion Ratio Lower Upper
240 100
120 16.0 5.8 8.8#
236 26.1 20.5 30.7



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: 60.84 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096615.D

Acq: 10 Jul 2017 21:48

Instrument :

BNA_F

ClientSampleId :

VNJ-228

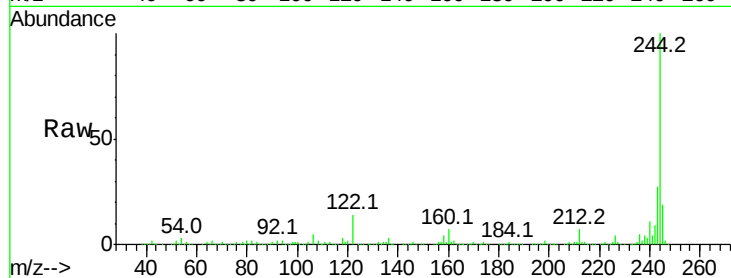
Tot Ion:244 Resp: 718955

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

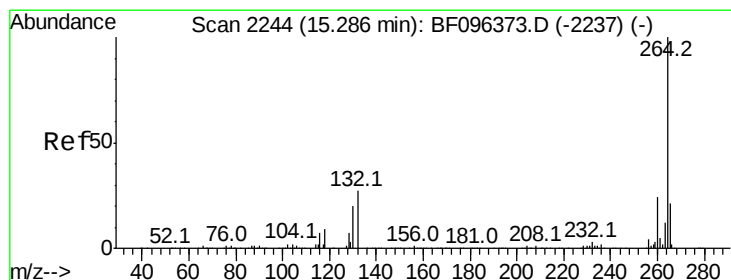
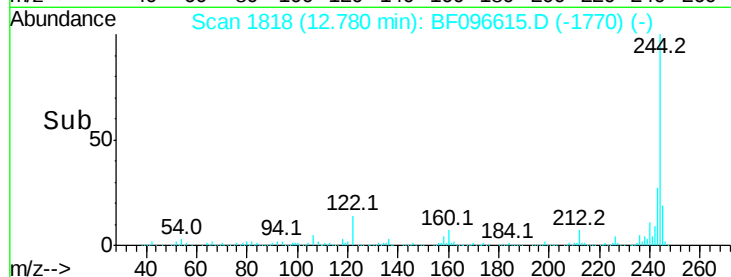
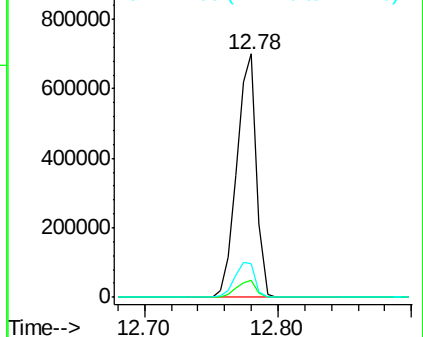
122 13.7 10.3 15.5



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: 15.22 min Scan# 2232

Delta R.T. -0.03 min

Lab File: BF096615.D

Acq: 10 Jul 2017 21:48

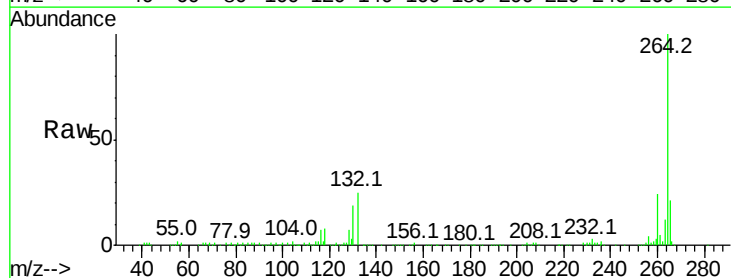
Tgt Ion:264 Resp: 234198

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.3 17.2 25.8



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

