

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097087.D
 Acq On : 26 Jul 2017 20:48
 Operator : SJ/JU
 Sample : I4400-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB02A

Quant Time: Jul 27 08:49:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

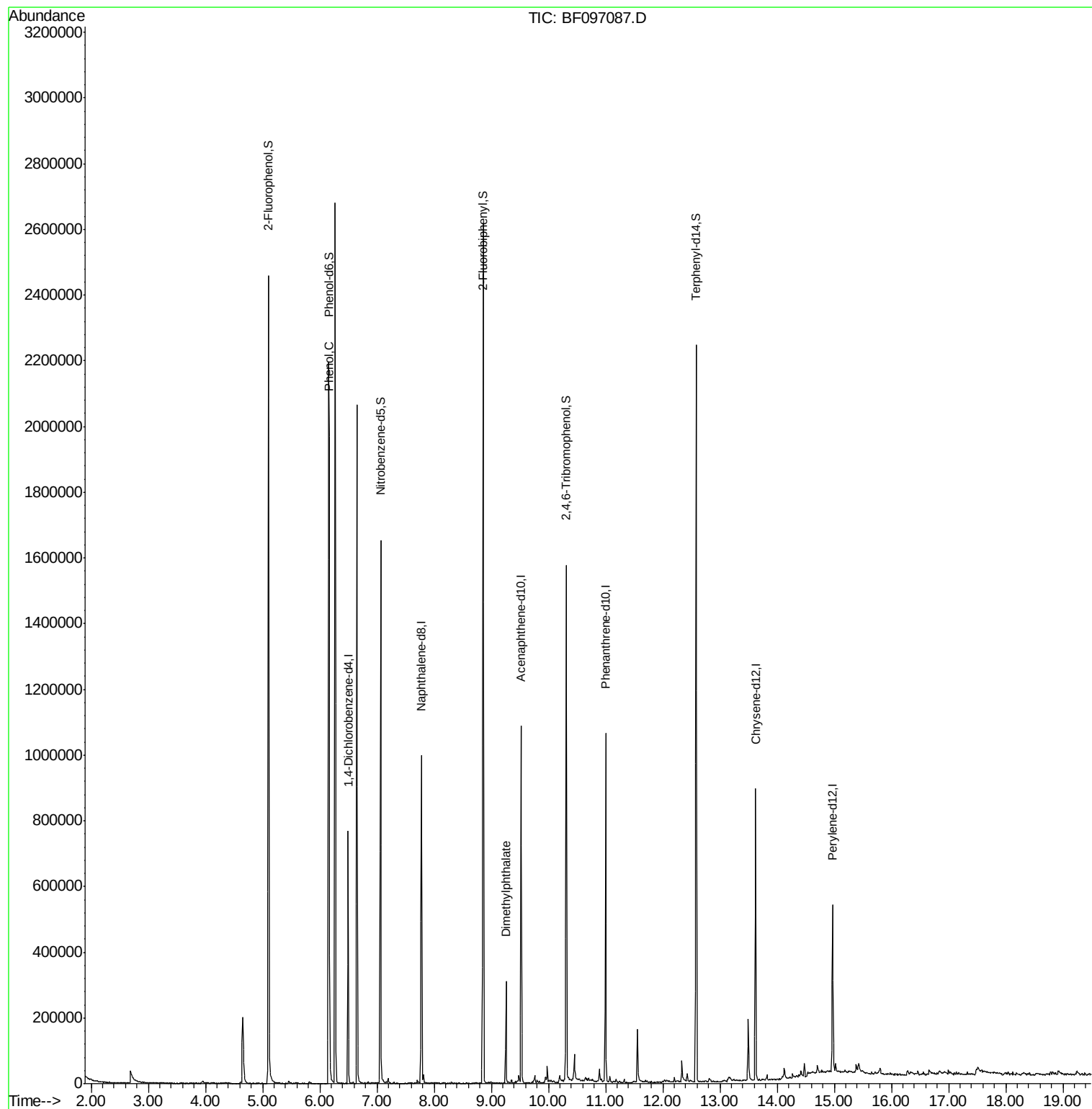
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	108650	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	459829	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	217816	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	362681	20.00	ng	0.00
75) Chrysene-d12	13.62	240	283860	20.00	ng	0.00
86) Perylene-d12	14.97	264	214222	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	761703	105.68	ng	0.00
7) Phenol-d6	6.16	99	847450	103.00	ng	-0.01
23) Nitrobenzene-d5	7.06	82	522496	66.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	191046	111.01	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	913504	71.17	ng	-0.01
78) Terphenyl-d14	12.59	244	747816	53.71	ng	0.00
Target Compounds						
10) Phenol	6.17	94	39558	4.053	ng	95
49) Dimethylphthalate	9.26	163	133684	8.082	ng	98

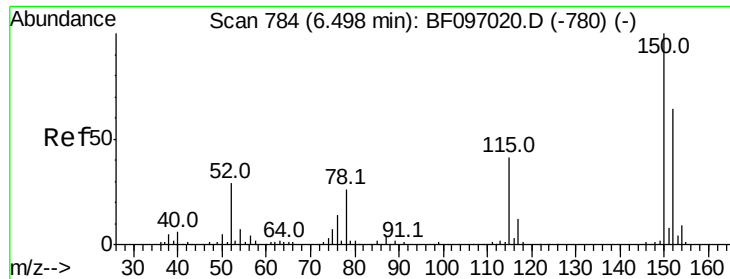
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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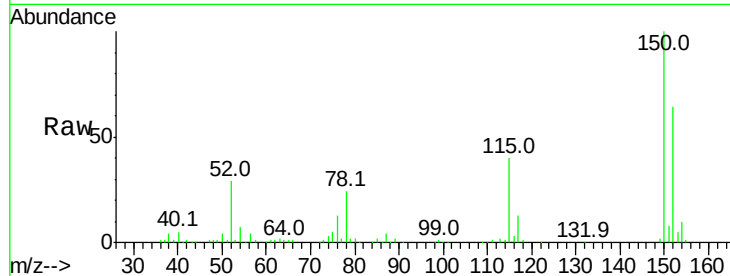


#1

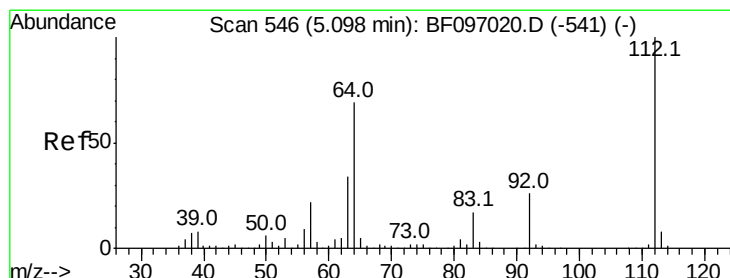
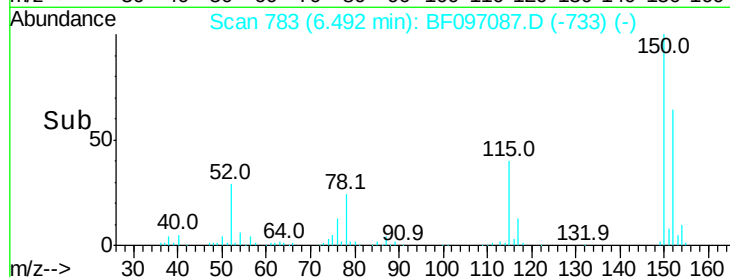
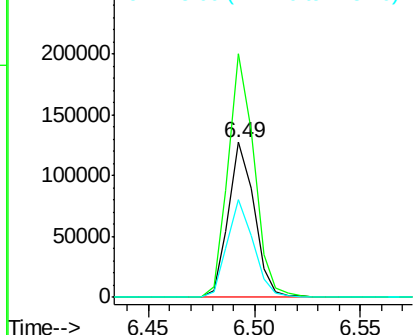
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097087.D
Acq: 26 Jul 2017 20:48

Instrument :
BNA_F
ClientSampled :
SB02A

Tot Ion:152 Resp: 108650
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 62.9 52.2 78.2



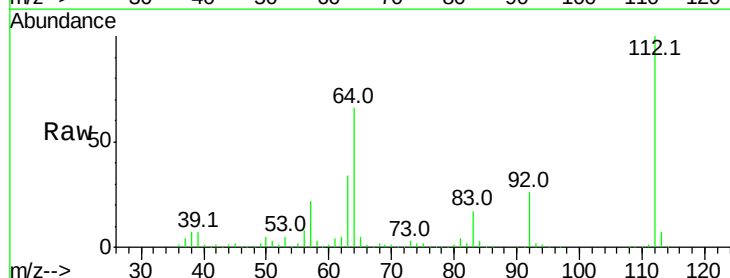
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



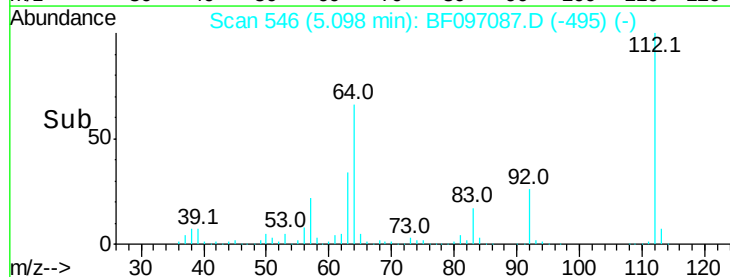
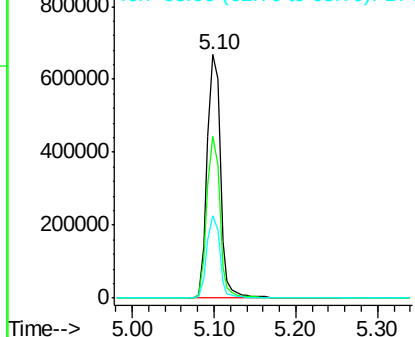
#5

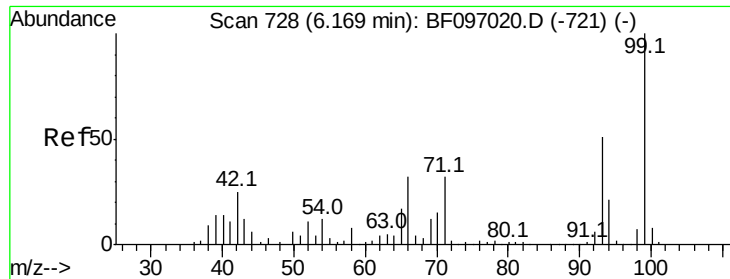
2-Fluorophenol
Concen: 105.684 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097087.D
Acq: 26 Jul 2017 20:48

Tgt Ion:112 Resp: 761703
Ion Ratio Lower Upper
112 100
64 66.4 46.0 69.0
63 33.8 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: 102.995 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097087.D

Acq: 26 Jul 2017 20:48

Instrument :

BNA_F

ClientSampled :

SB02A

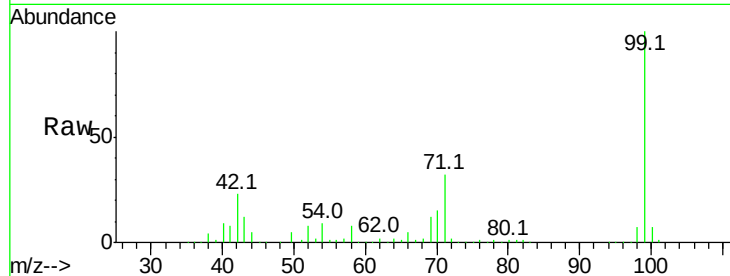
Tot Ion: 99 Resp: 847450

Ion Ratio Lower Upper

99 100

42 23.2 13.5 20.3#

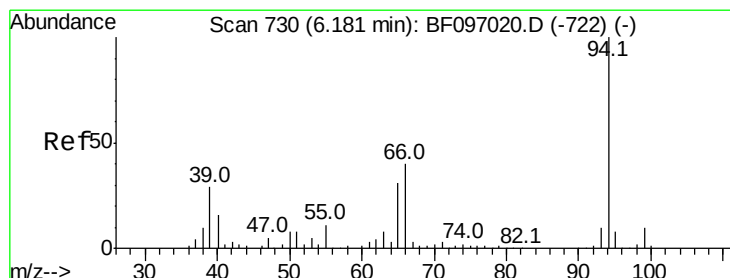
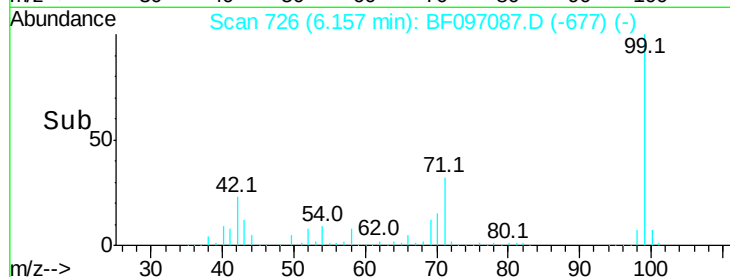
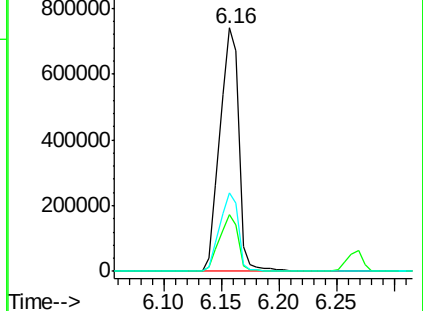
71 32.1 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 4.053 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF097087.D

Acq: 26 Jul 2017 20:48

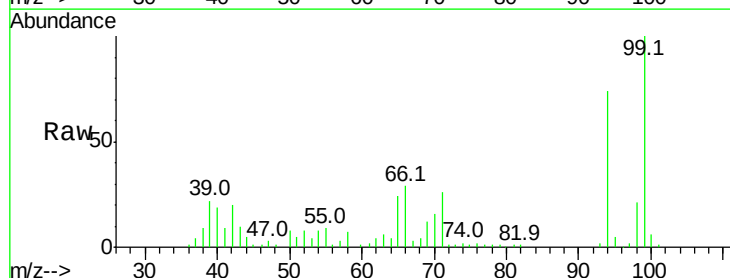
Tgt Ion: 94 Resp: 39558

Ion Ratio Lower Upper

94 100

65 32.4 9.9 49.9

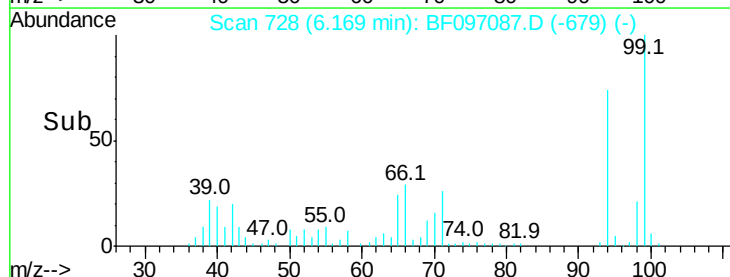
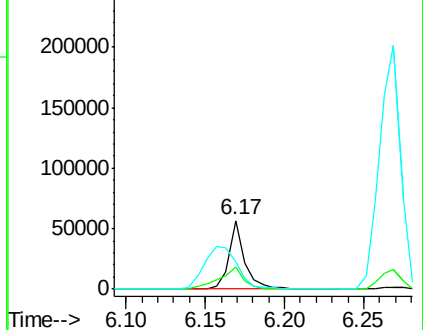
66 39.8 23.1 63.1

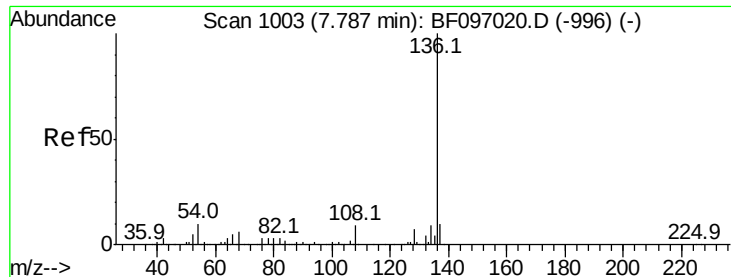


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

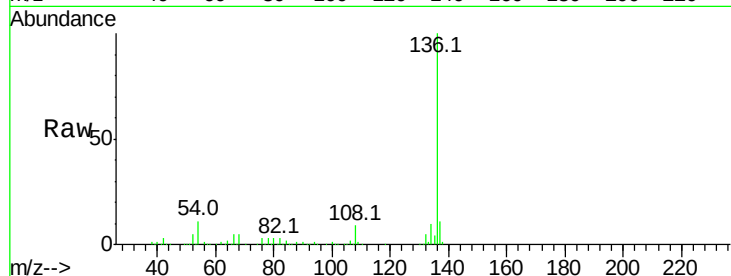




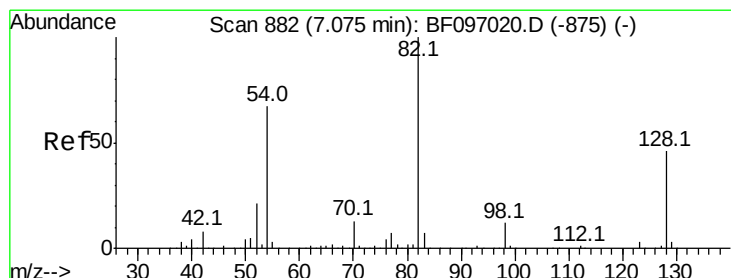
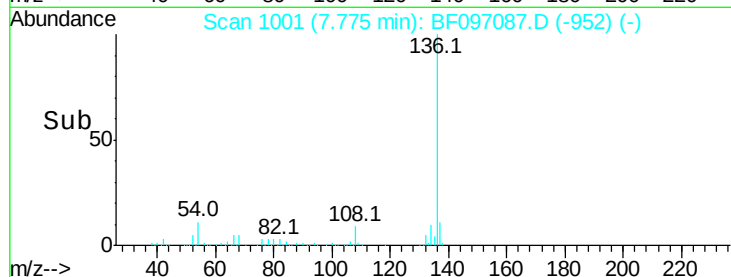
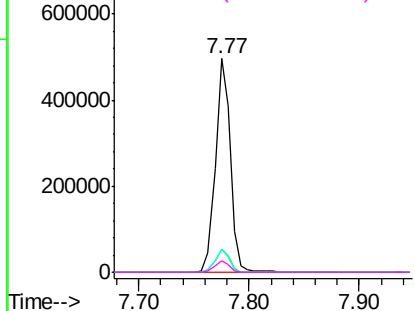
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF097087.D
Acq: 26 Jul 2017 20:48

Instrument :
BNA_F
ClientSampleId :
SB02A

Tot Ion:136	Resp:	459829
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.5 12.7
54	10.6	4.9 7.3#
68	5.5	4.1 6.1

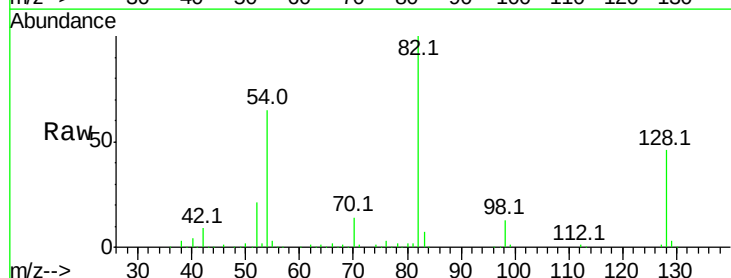


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

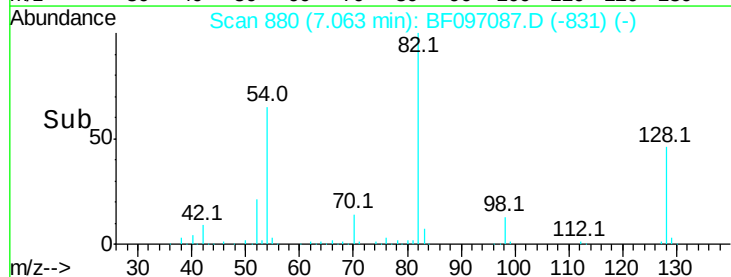
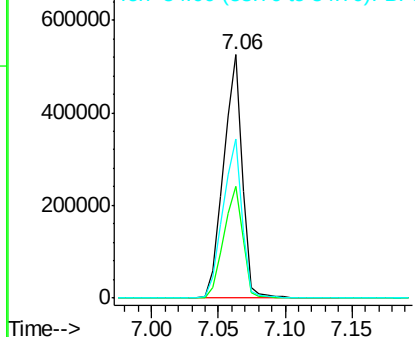


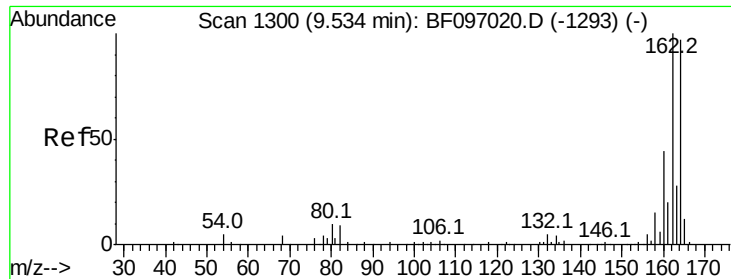
#23
Nitrobenzene-d5
Concen: 66.659 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF097087.D
Acq: 26 Jul 2017 20:48

Tgt Ion: 82	Resp:	522496
Ion	Ratio	Lower Upper
82	100	
128	45.8	34.0 51.0
54	65.5	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: 20.000 ng

RT: 9.52 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF097087.D

Acq: 26 Jul 2017 20:48

Instrument :

BNA_F

ClientSampleId :

SB02A

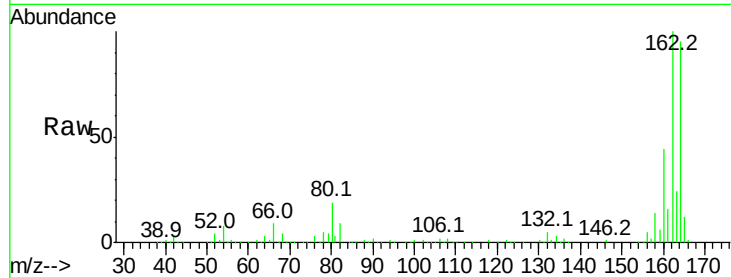
Tot Ion:164 Resp: 217816

Ion Ratio Lower Upper

164 100

162 105.0 82.6 123.8

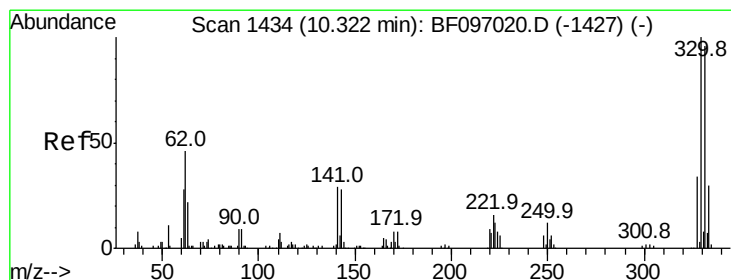
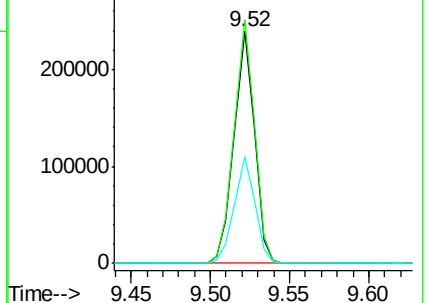
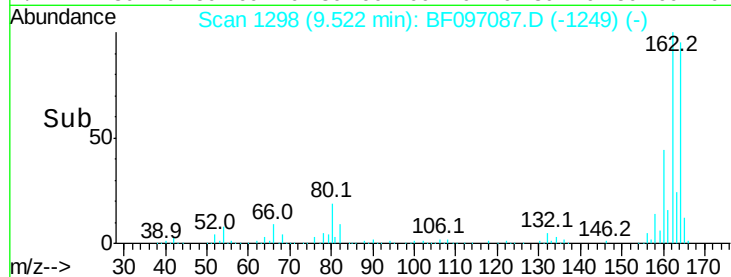
160 45.7 36.2 54.2



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: 111.012 ng

RT: 10.31 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF097087.D

Acq: 26 Jul 2017 20:48

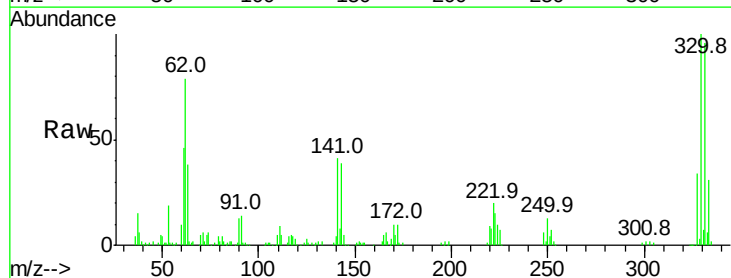
Tgt Ion:330 Resp: 191046

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

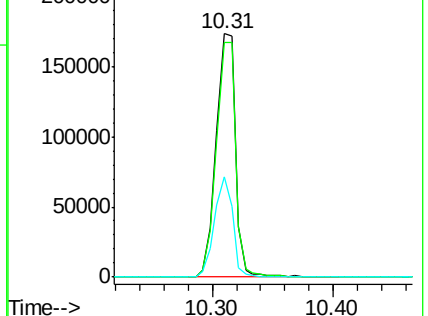
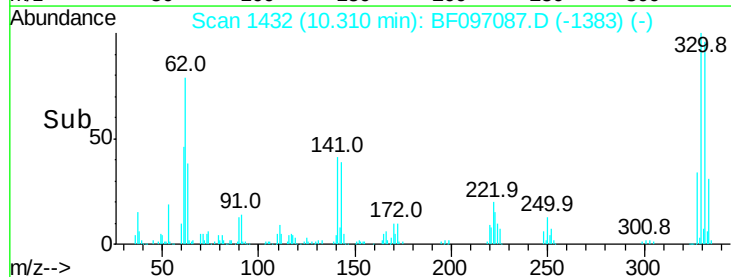
141 38.6 31.4 47.2

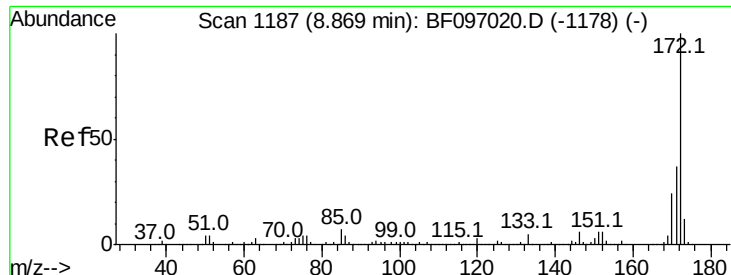


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

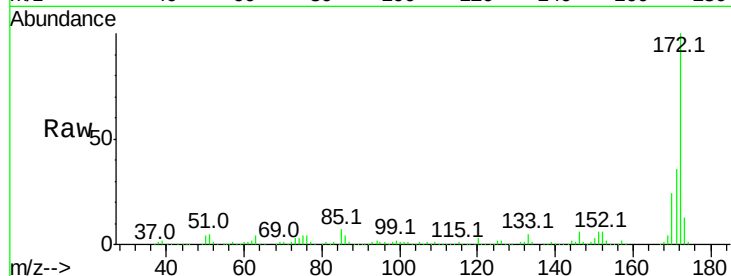




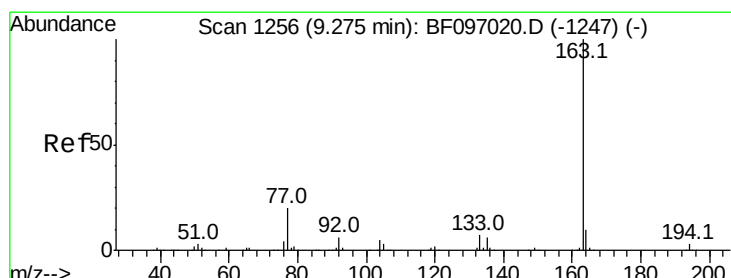
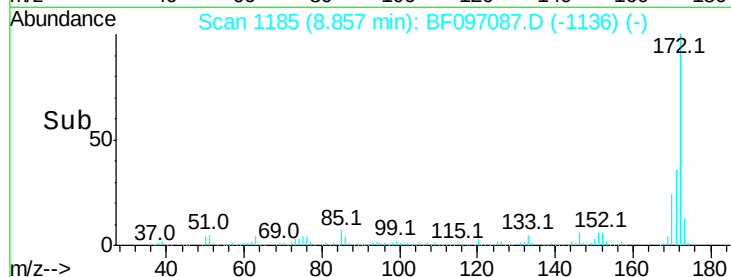
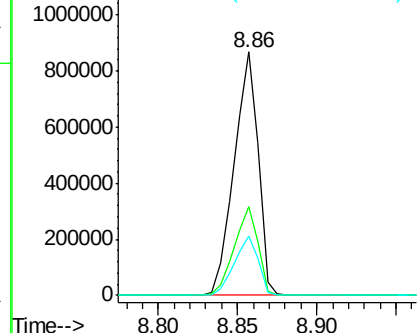
#44
2-Fluorobiphenyl
Concen: 71.175 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097087.D
Acq: 26 Jul 2017 20:48

Instrument :
BNA_F
ClientSampleId :
SB02A

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.4	19.8	29.8

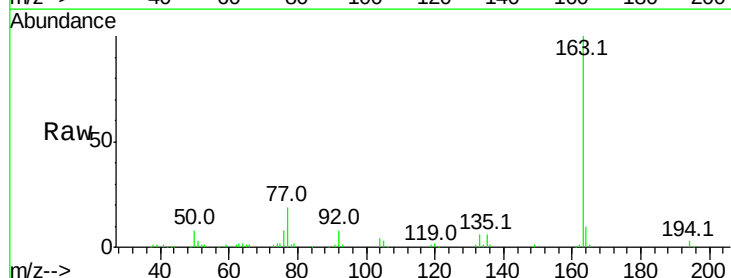


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

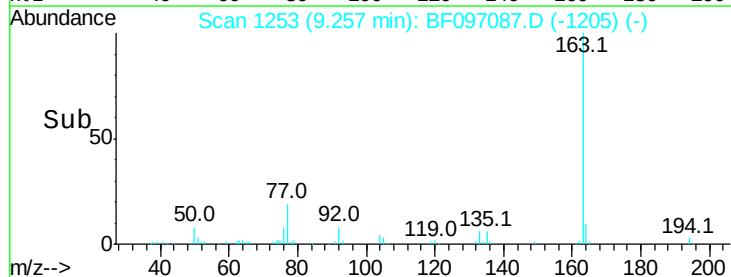
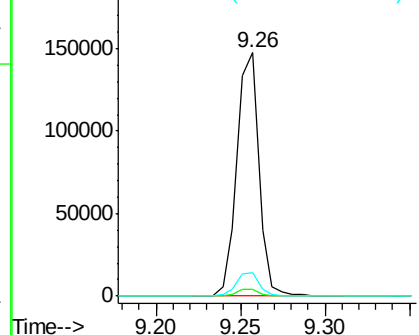


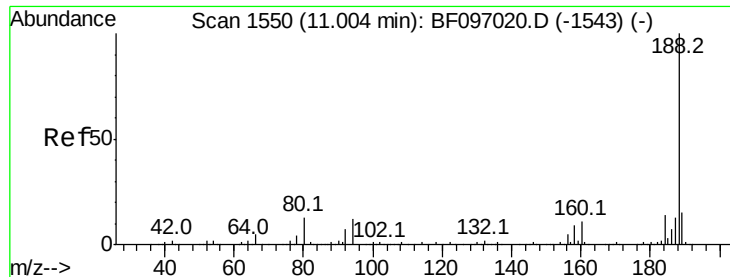
#49
Dimethylphthalate
Concen: 8.082 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097087.D
Acq: 26 Jul 2017 20:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	4.0
164	9.7	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

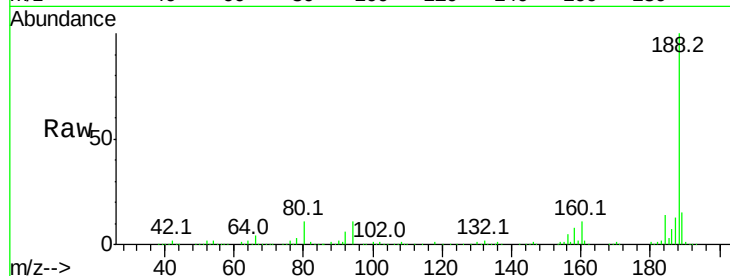




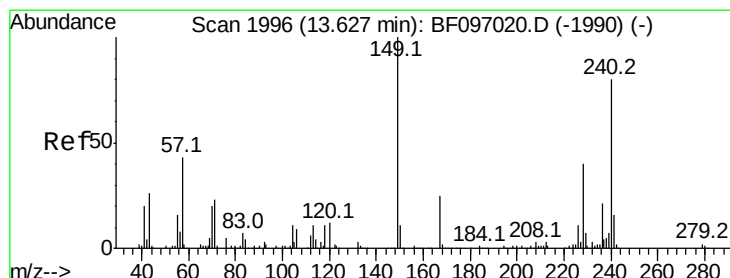
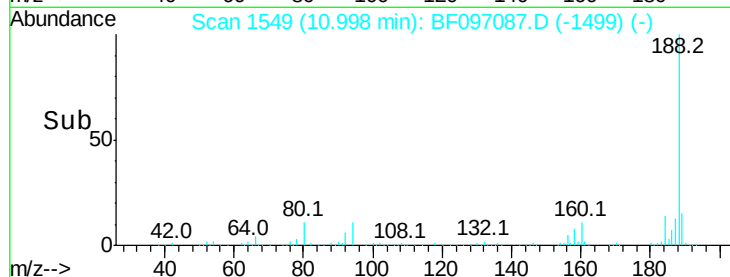
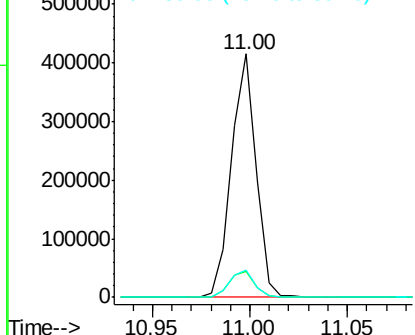
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097087.D
Acq: 26 Jul 2017 20:48

Instrument :
BNA_F
ClientSampleId :
SB02A

Tot Ion:188 Resp: 362681
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.4 10.2 15.2

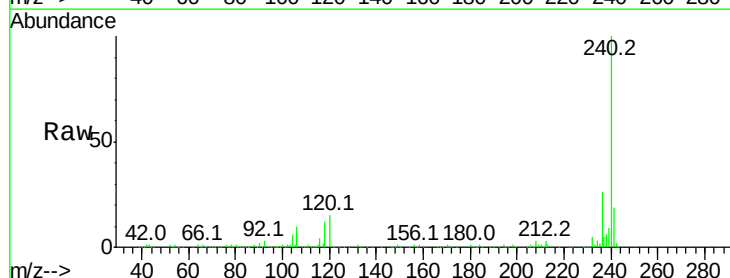


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

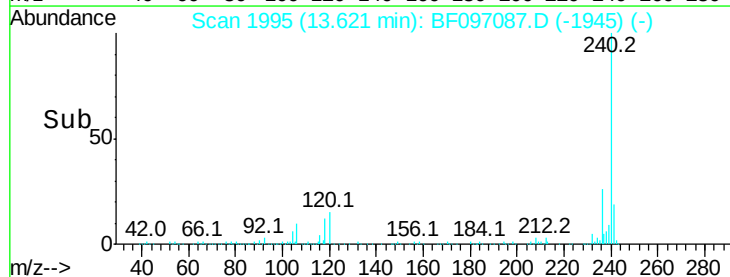
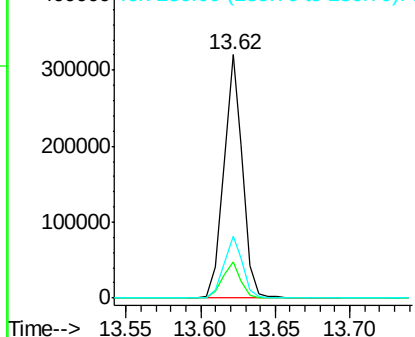


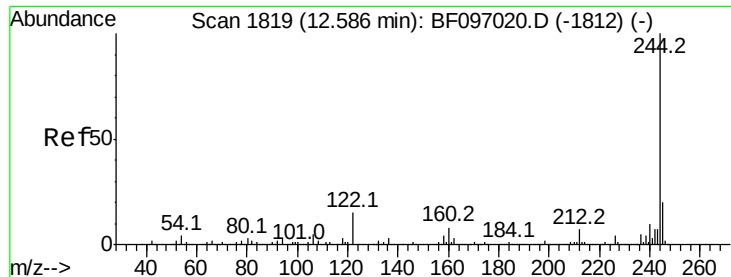
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097087.D
Acq: 26 Jul 2017 20:48

Tgt Ion:240 Resp: 283860
Ion Ratio Lower Upper
240 100
120 14.8 5.8 8.8#
236 25.6 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: 53.713 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097087.D

Acq: 26 Jul 2017 20:48

Instrument :

BNA_F

ClientSampleId :

SB02A

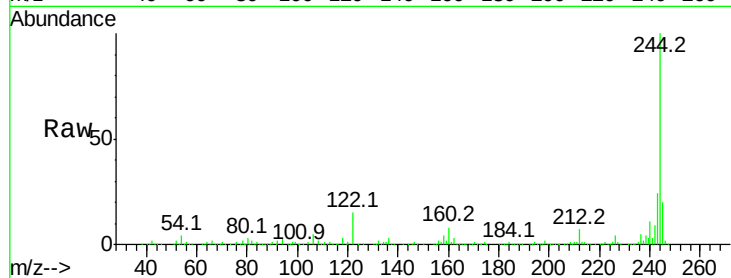
Tot Ion:244 Resp: 747816

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

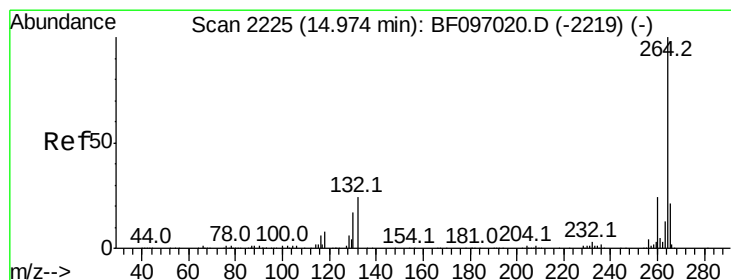
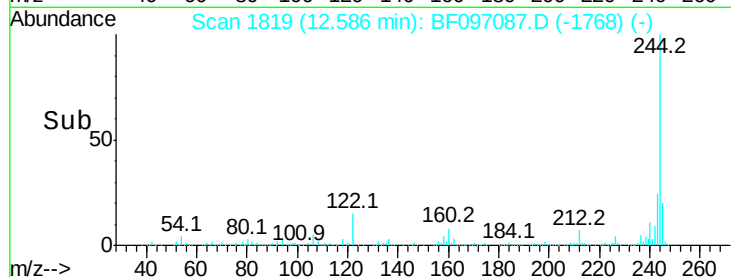
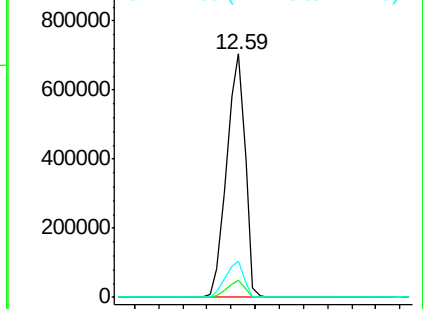
122 14.6 10.3 15.5



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: 20.000 ng

RT: 14.97 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF097087.D

Acq: 26 Jul 2017 20:48

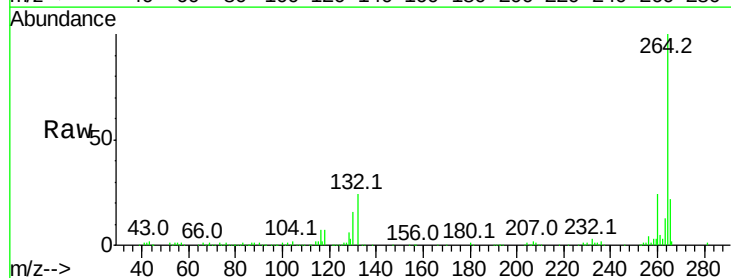
Tgt Ion:264 Resp: 214222

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 22.0 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

