

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097090.D
 Acq On : 26 Jul 2017 22:10
 Operator : SJ/JU
 Sample : I4360-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 295-N-4-(0-2)

Quant Time: Jul 27 08:57:24 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

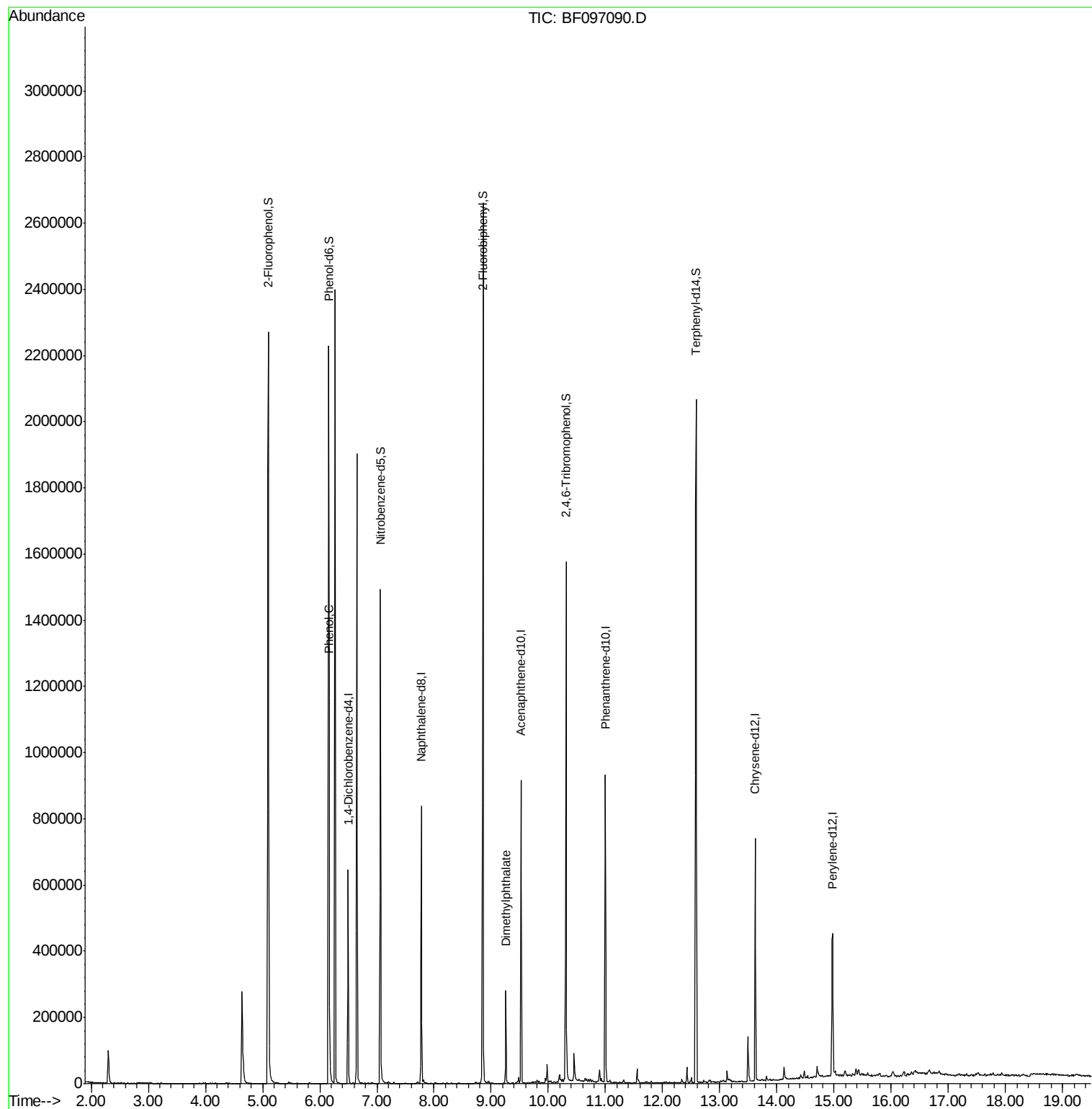
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	93915	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	388876	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	173212	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	312110	20.00	ng	0.00
75) Chrysene-d12	13.62	240	222253	20.00	ng	0.00
86) Perylene-d12	14.97	264	172527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	650102	104.35	ng	0.00
7) Phenol-d6	6.16	99	774518	108.90	ng	-0.01
23) Nitrobenzene-d5	7.06	82	453004	68.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	168839	123.37	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	873927	85.63	ng	-0.01
78) Terphenyl-d14	12.59	244	658751	60.43	ng	0.00
Target Compounds						
10) Phenol	6.17	94	26387	3.128	ng	97
49) Dimethylphthalate	9.26	163	108610	8.257	ng	99

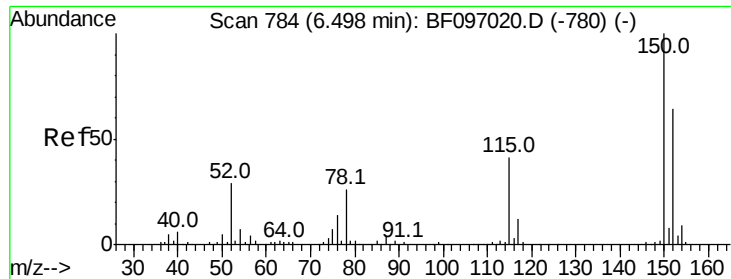
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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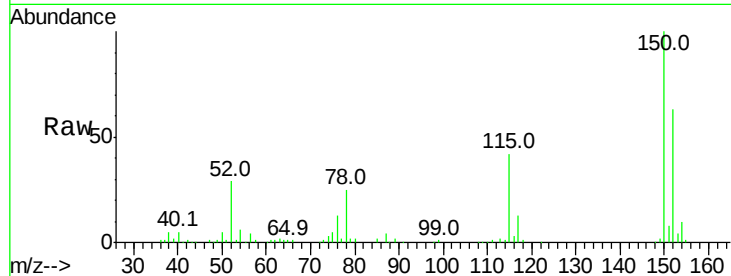


#1

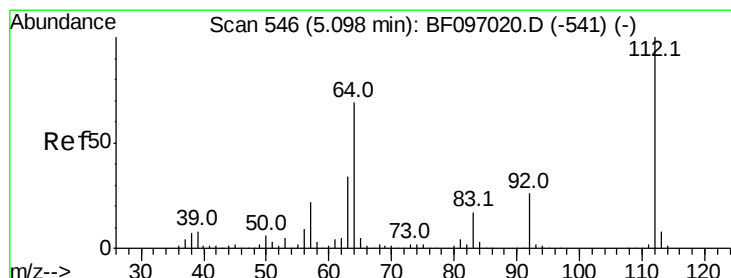
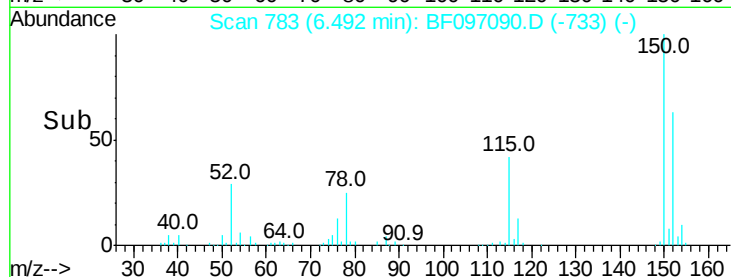
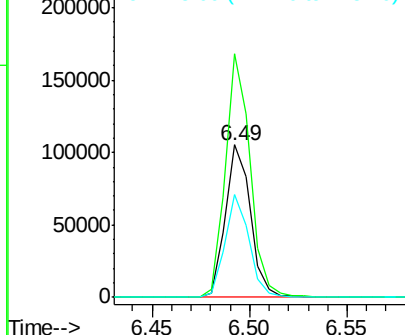
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097090.D
Acq: 26 Jul 2017 22:10

Instrument :
BNA_F
ClientSampleId :
295-N-4-(0-2)

Tot Ion:152 Resp: 93915
Ion Ratio Lower Upper
152 100
150 159.9 126.2 189.2
115 67.4 52.2 78.2



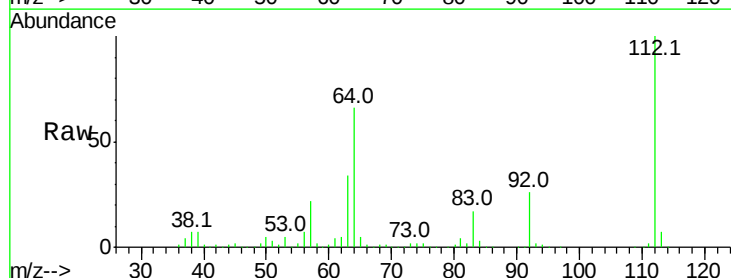
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



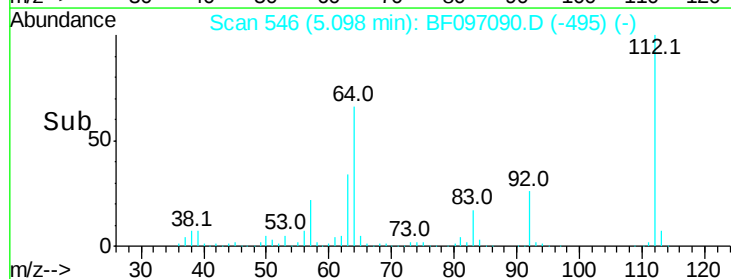
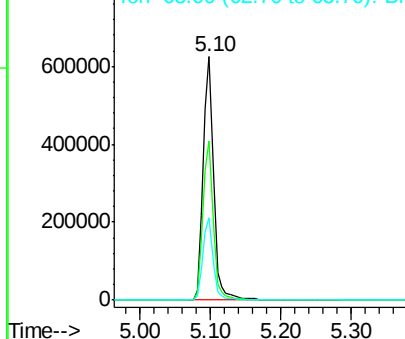
#5

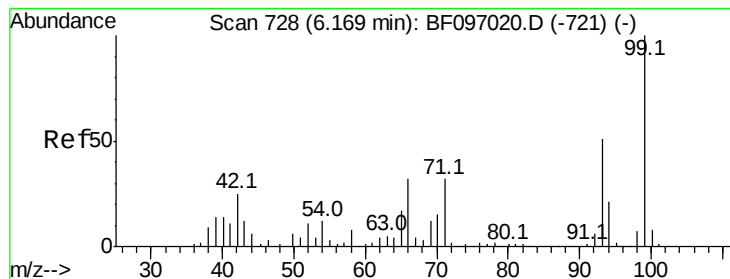
2-Fluorophenol
Concen: 104.352 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097090.D
Acq: 26 Jul 2017 22:10

Tgt Ion:112 Resp: 650102
Ion Ratio Lower Upper
112 100
64 65.6 46.0 69.0
63 33.6 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: 108.900 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097090.D

Acq: 26 Jul 2017 22:10

Instrument :

BNA_F

ClientSampleId :

295-N-4-(0-2)

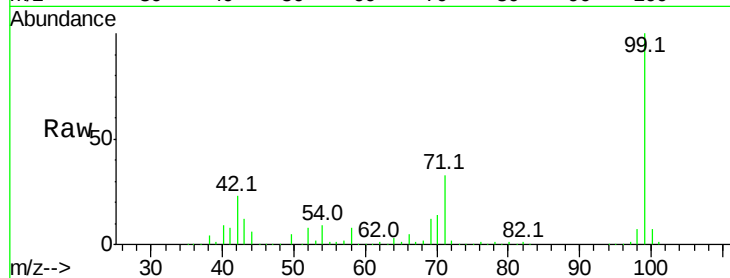
Tot Ion: 99 Resp: 774518

Ion Ratio Lower Upper

99 100

42 22.6 13.5 20.3#

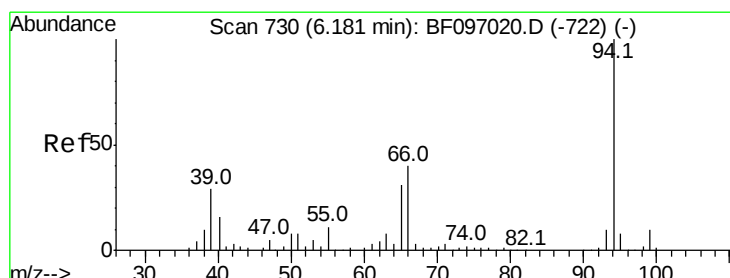
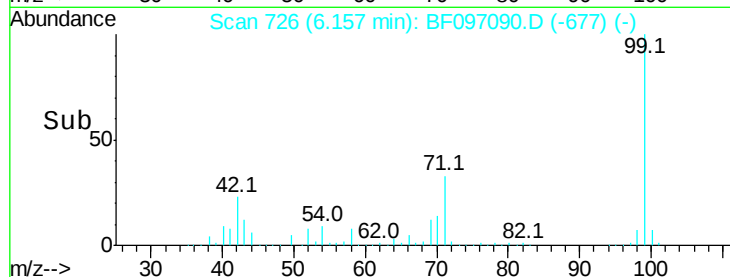
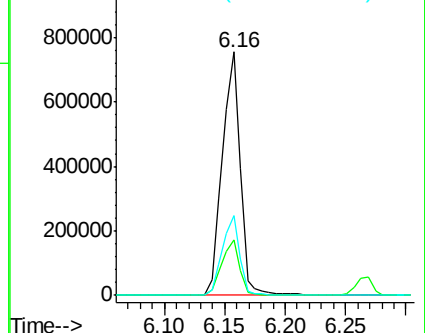
71 32.6 24.5 36.7



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: 3.128 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF097090.D

Acq: 26 Jul 2017 22:10

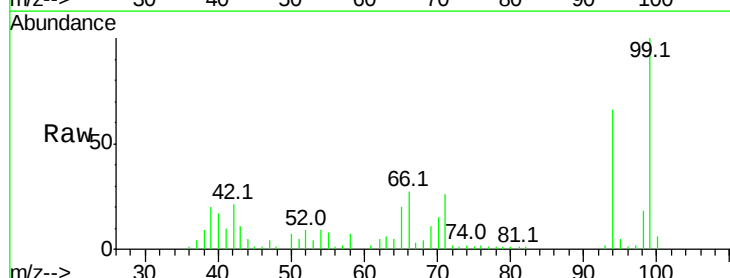
Tgt Ion: 94 Resp: 26387

Ion Ratio Lower Upper

94 100

65 29.5 9.9 49.9

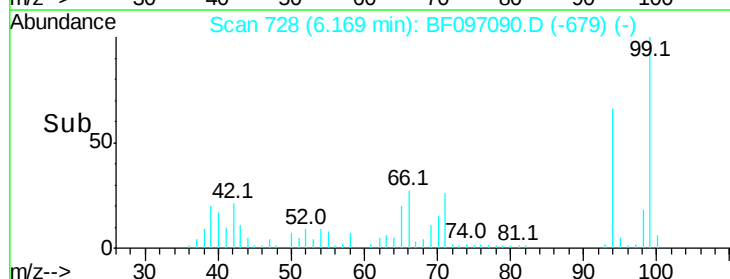
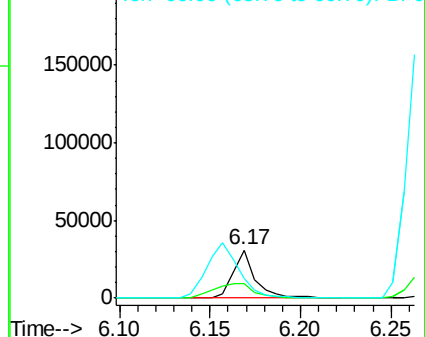
66 40.2 23.1 63.1

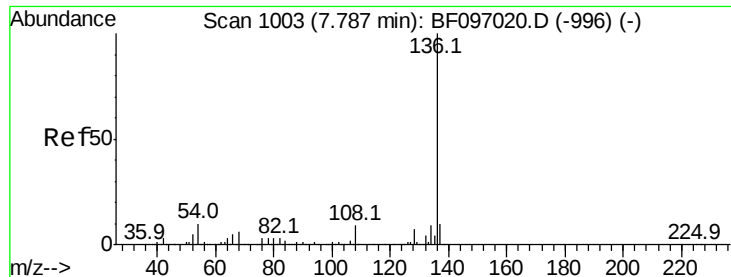


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

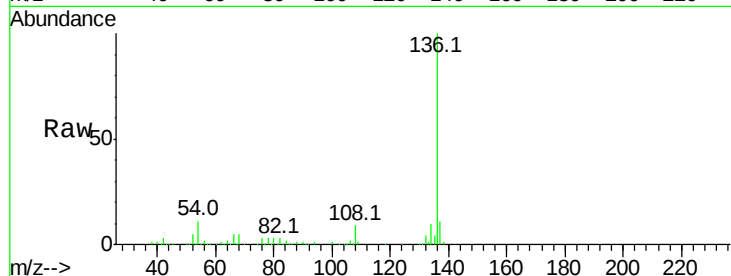




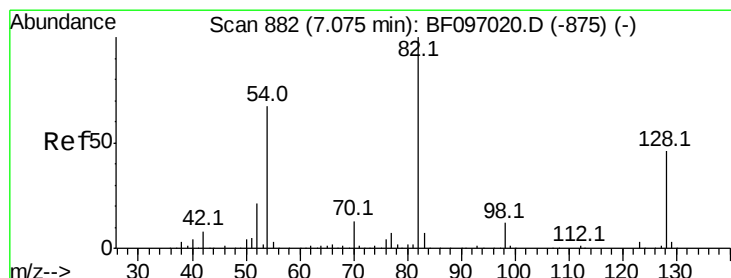
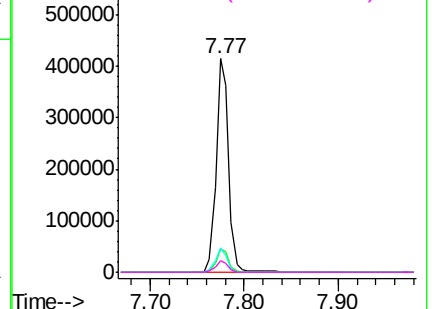
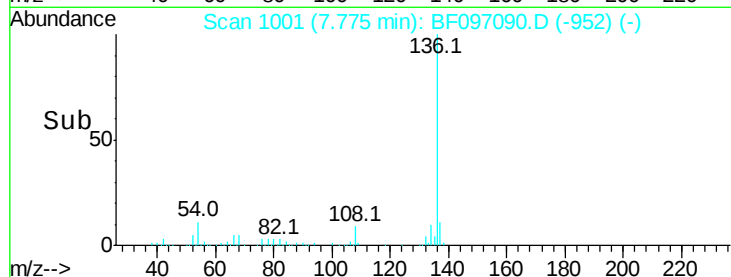
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF097090.D
Acq: 26 Jul 2017 22:10

Instrument :
BNA_F
ClientSampleId :
295-N-4-(0-2)

Tot Ion:136 Resp: 388876
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 11.4 4.9 7.3#
68 5.4 4.1 6.1

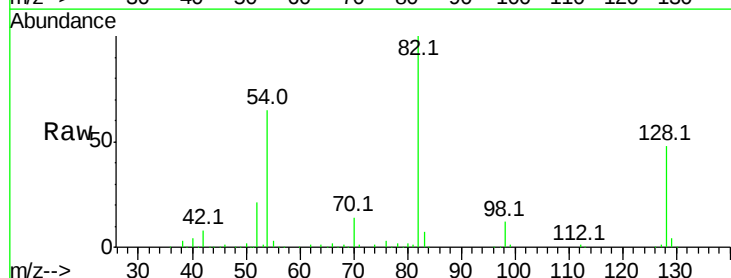


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

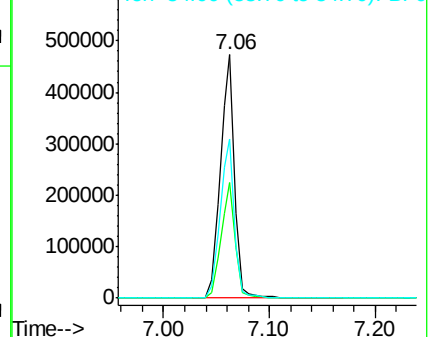
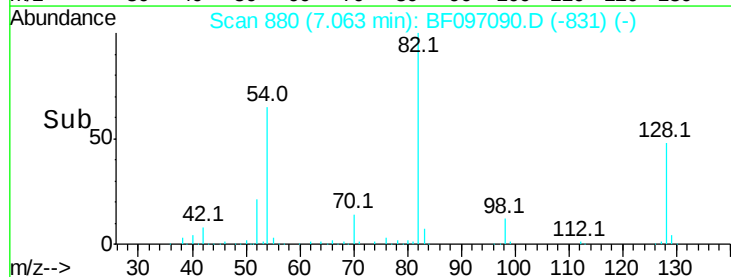


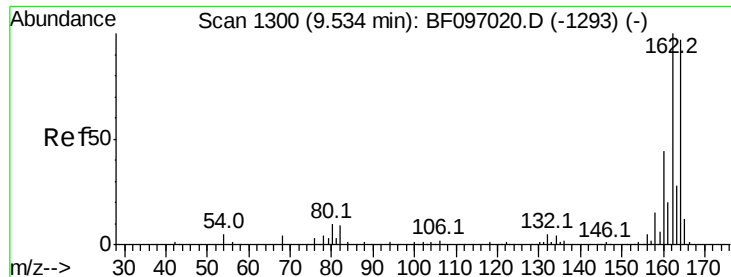
#23
Nitrobenzene-d5
Concen: 68.338 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF097090.D
Acq: 26 Jul 2017 22:10

Tgt Ion: 82 Resp: 453004
Ion Ratio Lower Upper
82 100
128 47.7 34.0 51.0
54 65.2 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

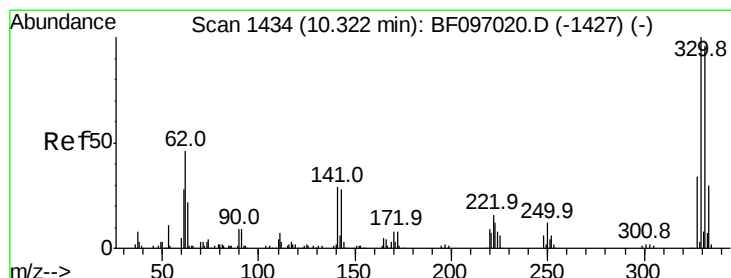
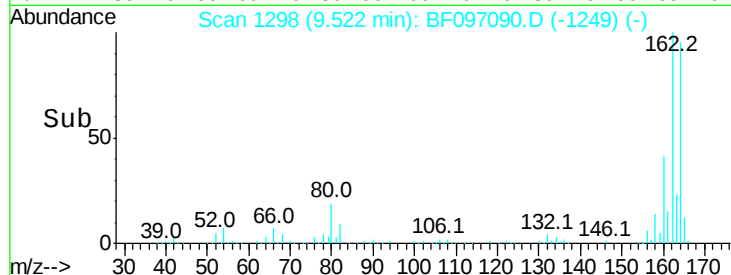
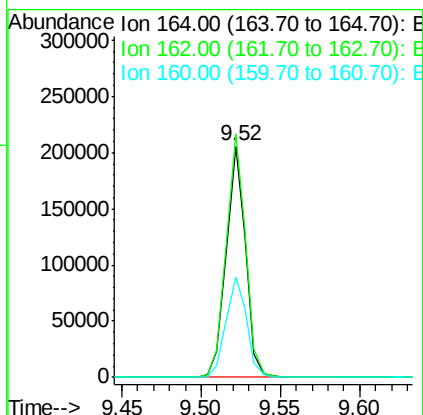
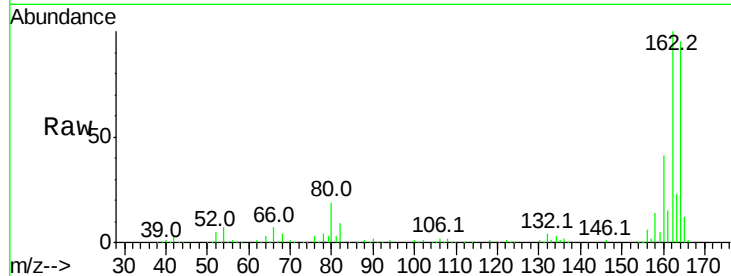




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF097090.D
 Acq: 26 Jul 2017 22:10

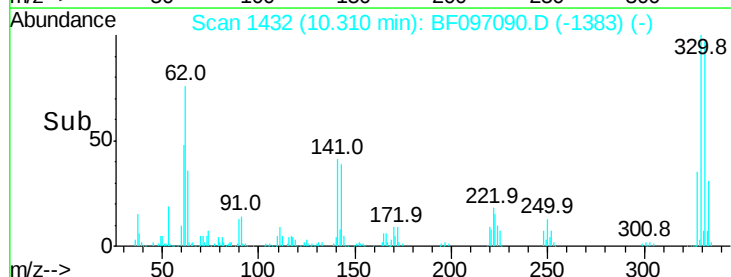
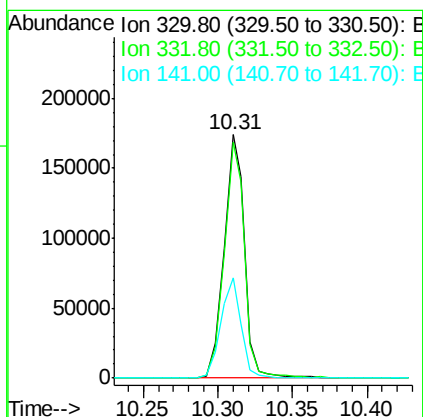
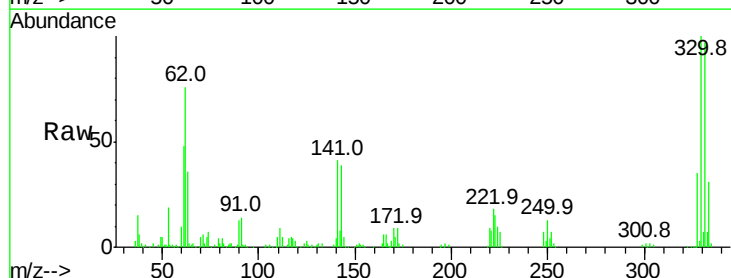
Instrument :
 BNA_F
 ClientSampleId :
 295-N-4-(0-2)

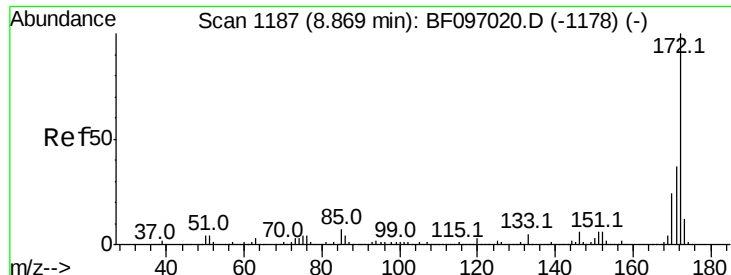
Tot Ion:164 Resp: 173212
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.6 123.8
 160 43.6 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 123.371 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097090.D
 Acq: 26 Jul 2017 22:10

Tgt Ion:330 Resp: 168839
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 40.9 31.4 47.2

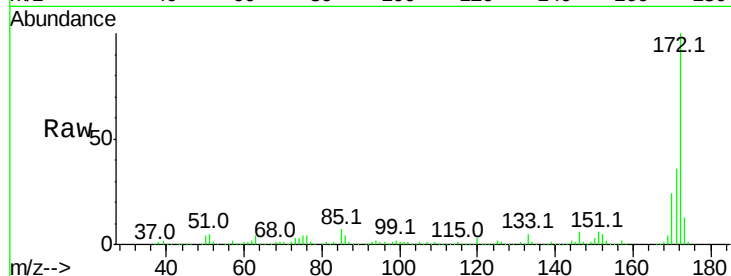




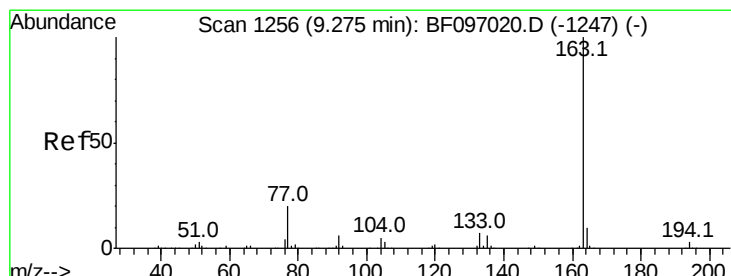
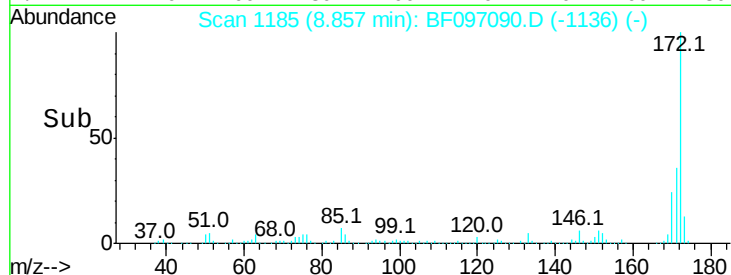
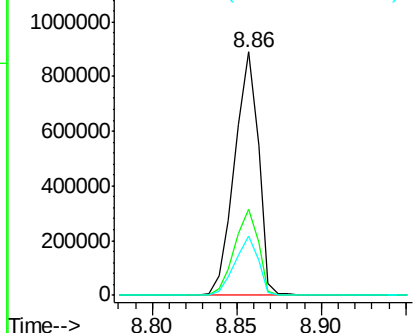
#44
2-Fluorobiphenyl
Concen: 85.626 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097090.D
Acq: 26 Jul 2017 22:10

Instrument :
BNA_F
ClientSampleId :
295-N-4-(0-2)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.2	19.8	29.8

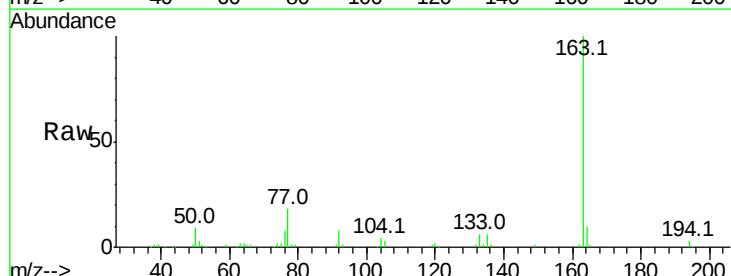


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

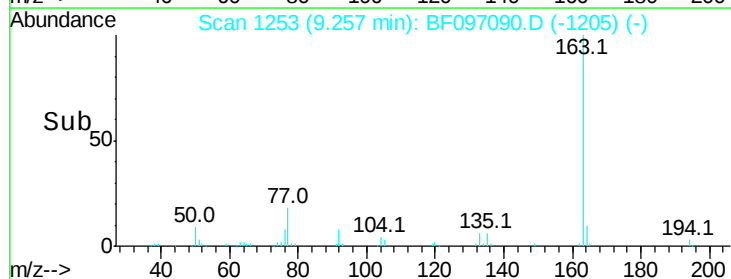
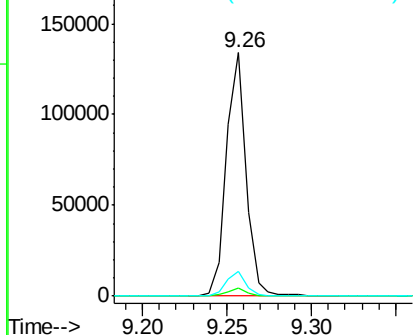


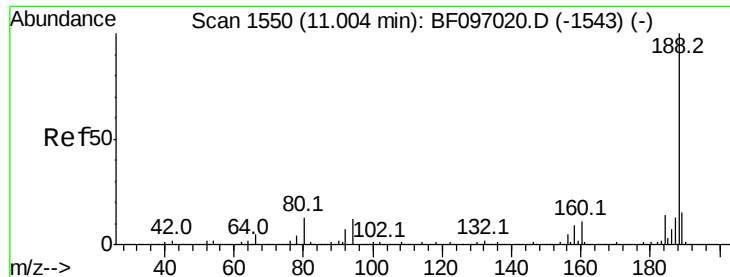
#49
Dimethylphthalate
Concen: 8.257 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097090.D
Acq: 26 Jul 2017 22:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.1	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

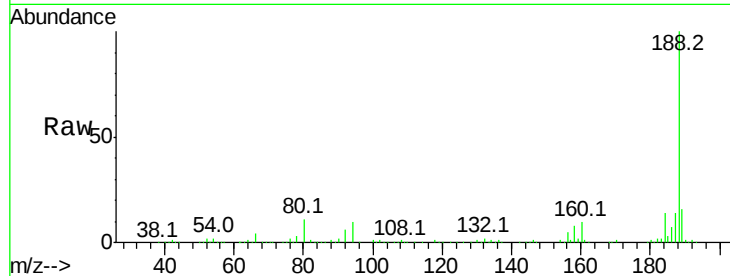




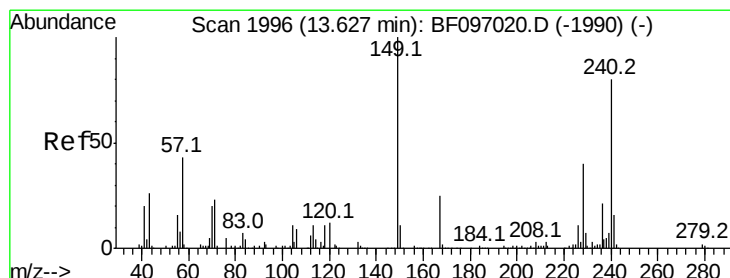
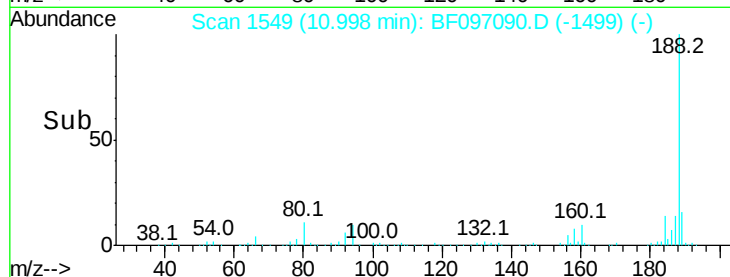
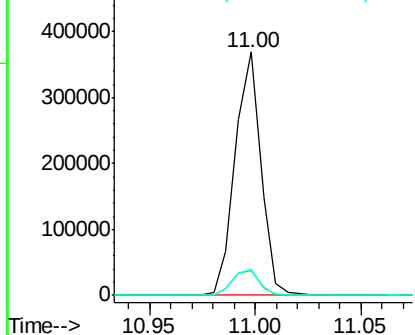
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097090.D
Acq: 26 Jul 2017 22:10

Instrument :
BNA_F
ClientSampleId :
295-N-4-(0-2)

Tot Ion:188 Resp: 312110
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 10.6 10.2 15.2

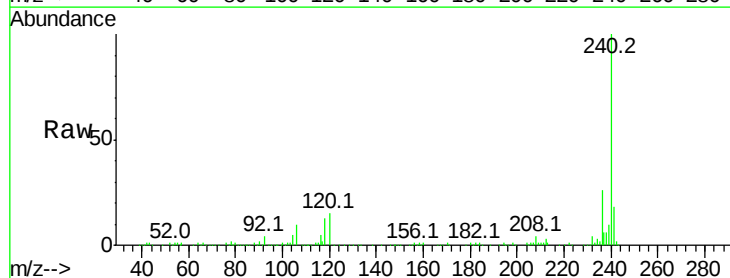


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

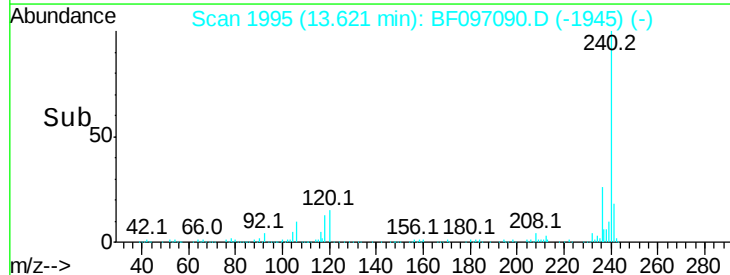
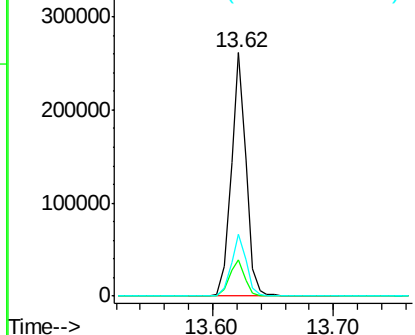


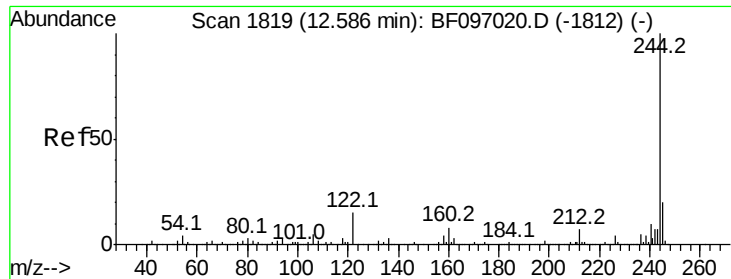
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097090.D
Acq: 26 Jul 2017 22:10

Tgt Ion:240 Resp: 222253
Ion Ratio Lower Upper
240 100
120 14.9 5.8 8.8#
236 25.5 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: 60.431 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097090.D

Acq: 26 Jul 2017 22:10

Instrument :

BNA_F

ClientSampleId :

295-N-4-(0-2)

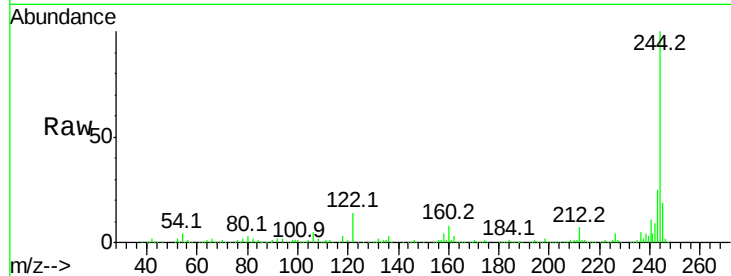
Tot Ion:244 Resp: 658751

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

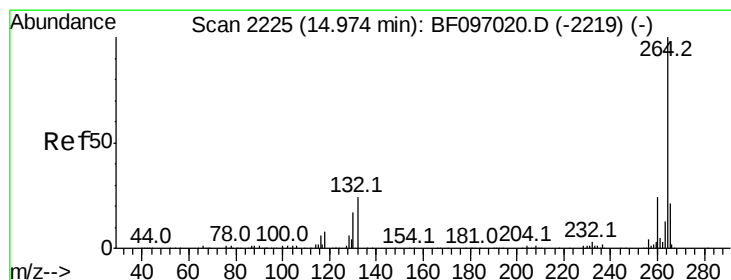
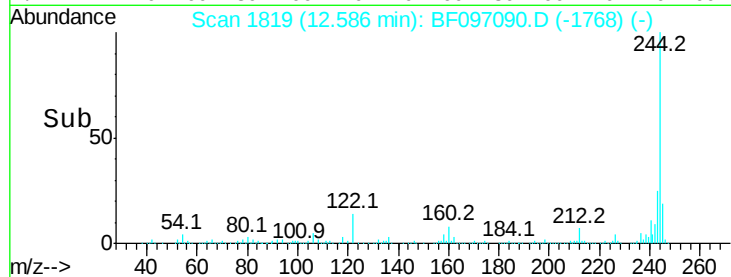
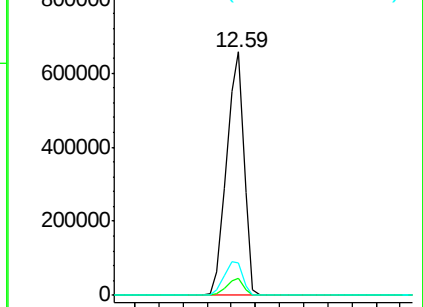
122 13.5 10.3 15.5



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: BF097090.D

Acq: 26 Jul 2017 22:10

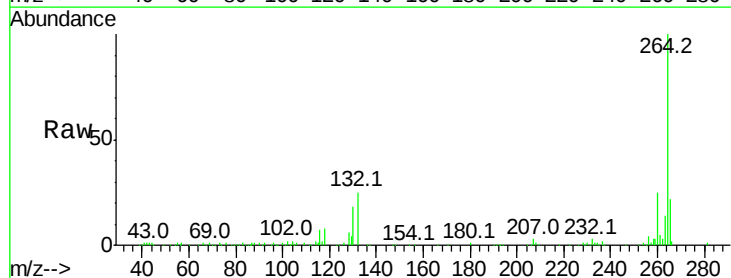
Tgt Ion:264 Resp: 172527

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 21.9 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

