

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
 Data File : BF092258.D
 Acq On : 13 Jan 2017 22:53
 Operator : UM/SJ
 Sample : I1182-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOD-SB-23-25

Quant Time: Jan 16 02:38:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 16 01:02:36 2017
 Response via : Initial Calibration

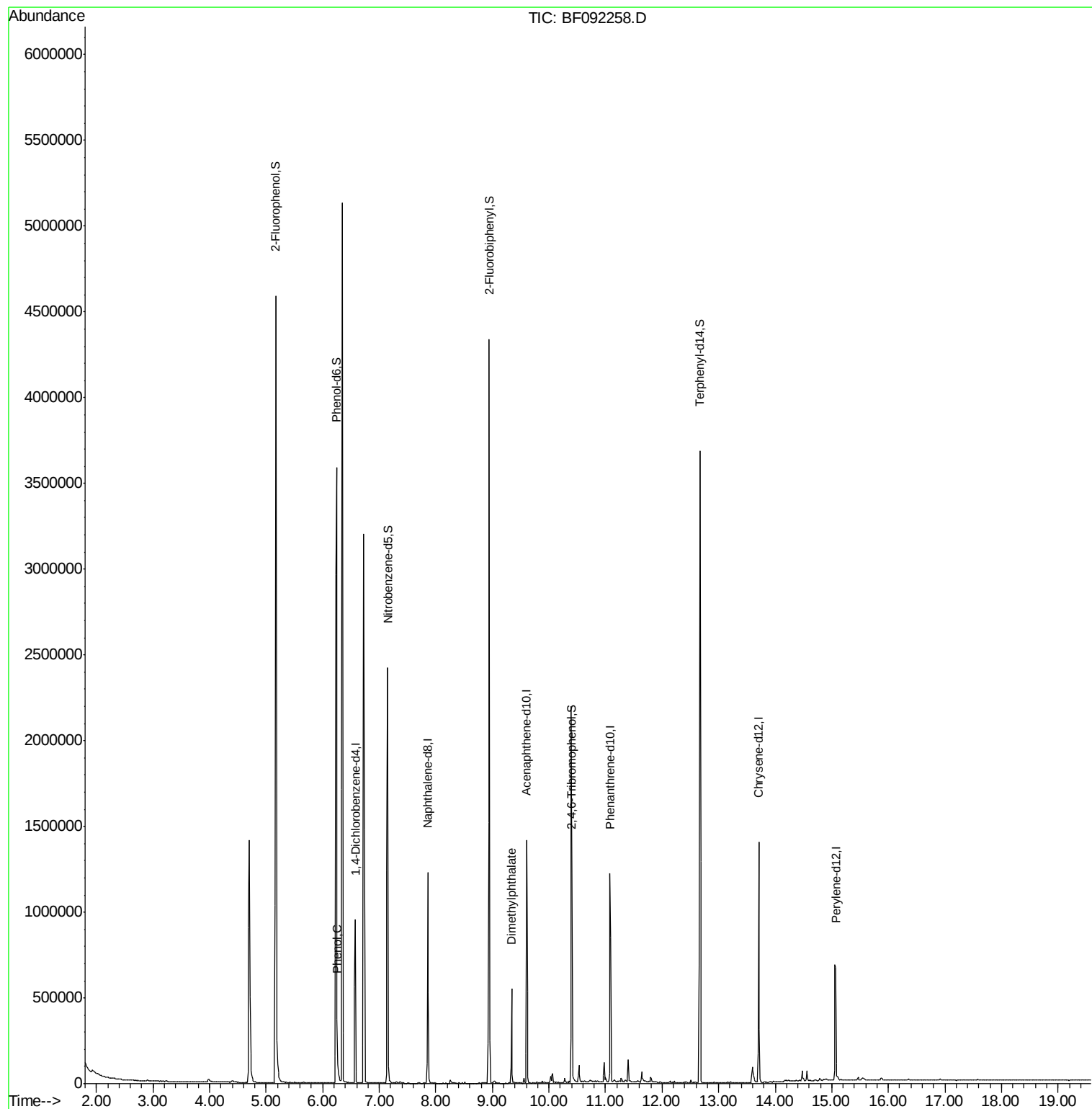
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	183627	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	666020	20.00	ng	-0.02
38) Acenaphthene-d10	9.60	164	348368	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	594284	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	483893	20.00	ng	-0.02
86) Perylene-d12	15.07	264	389294	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	1416591	128.81	ng	0.00
7) Phenol-d6	6.24	99	1805679	134.48	ng	-0.01
23) Nitrobenzene-d5	7.15	82	950668	79.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	345738	119.92	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1449685	85.31	ng	-0.01
78) Terphenyl-d14	12.67	244	1306569	65.49	ng	-0.02
Target Compounds						
10) Phenol	6.26	94	68845	4.50	ng	Qvalue # 68
49) Dimethylphthalate	9.34	163	225333	10.11	ng	99

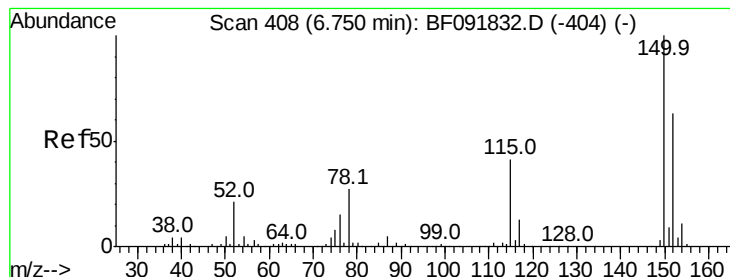
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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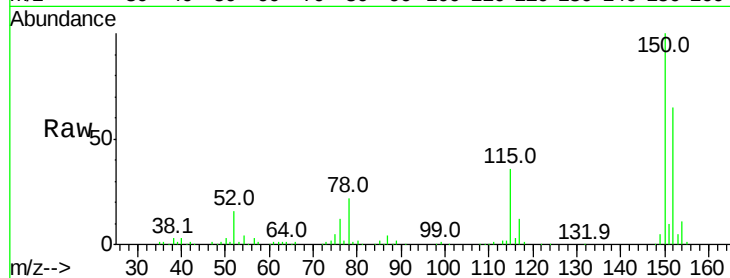


#1

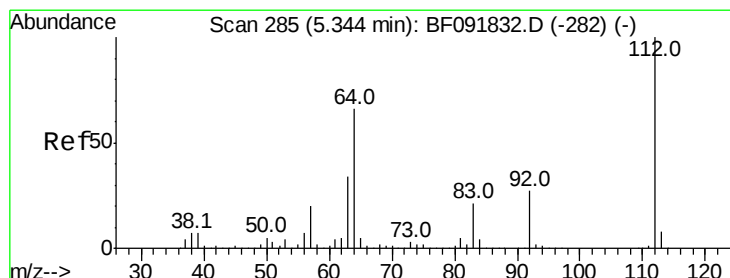
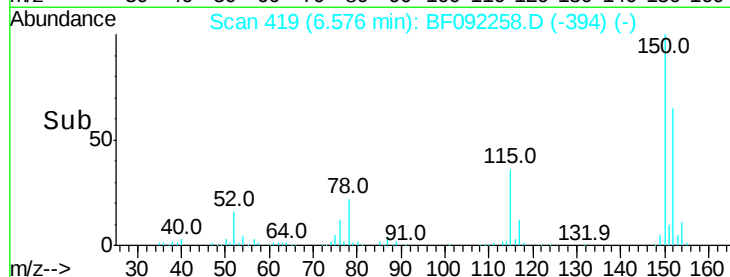
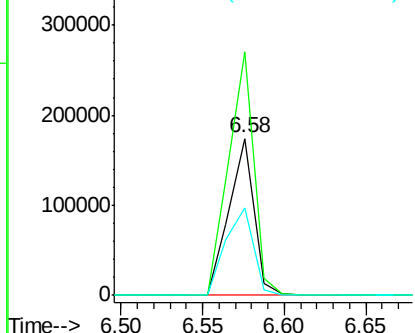
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Instrument :
BNA_F
ClientSampleId :
TOD-SB-23-25

Tot Ion:152 Resp: 183627
Ion Ratio Lower Upper
152 100
150 155.0 124.9 187.3
115 55.3 46.0 69.0



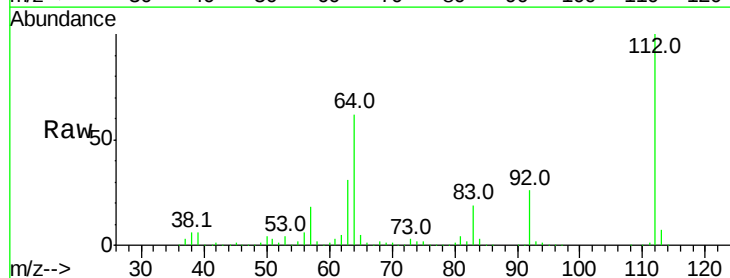
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



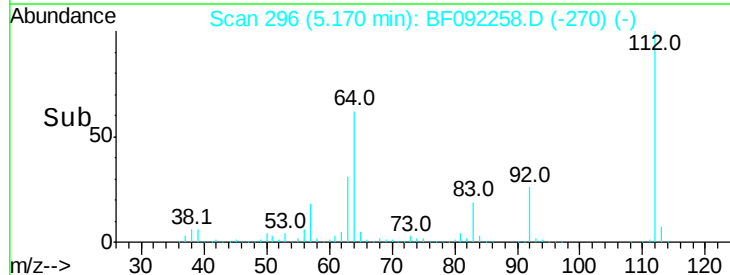
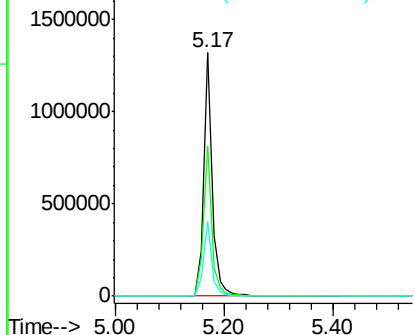
#5

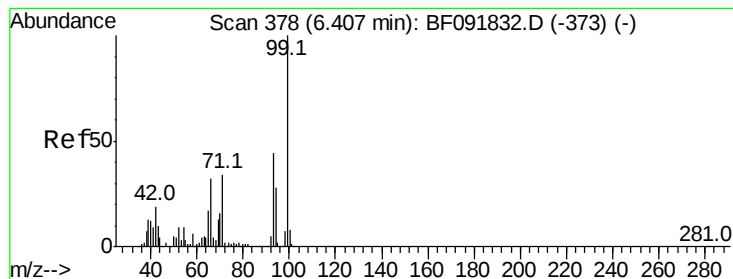
2-Fluorophenol
Concen: 128.81 ng
RT: 5.17 min Scan# 296
Delta R.T. 0.00 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Tgt Ion:112 Resp: 1416591
Ion Ratio Lower Upper
112 100
64 61.9 46.1 69.1
63 30.9 23.8 35.6



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: 134.48 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092258.D

Acq: 13 Jan 2017 22:53

Instrument :

BNA_F

ClientSampleId :

TOD-SB-23-25

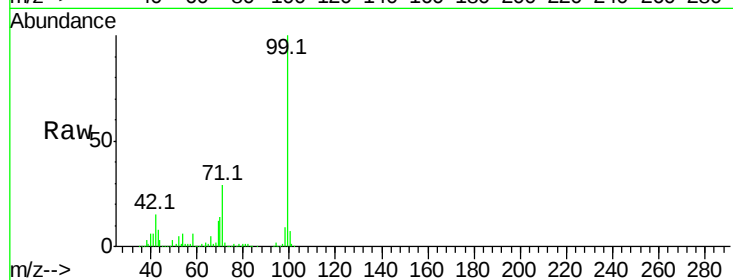
Tot Ion: 99 Resp: 1805679

Ion Ratio Lower Upper

99 100

42 15.0 15.6 23.4#

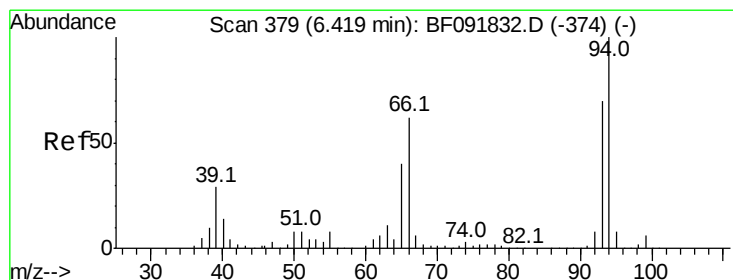
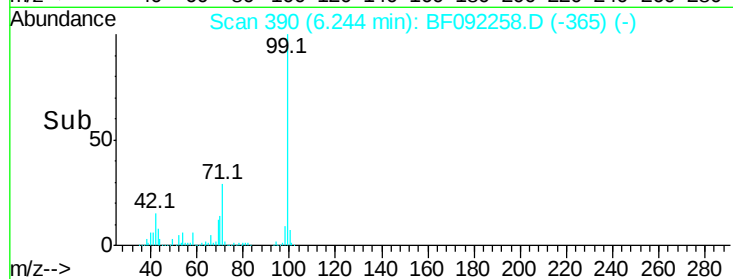
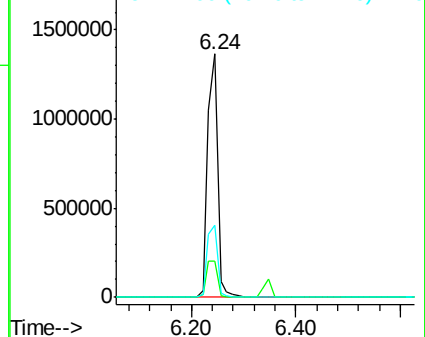
71 29.4 27.5 41.3



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: 4.50 ng

RT: 6.26 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF092258.D

Acq: 13 Jan 2017 22:53

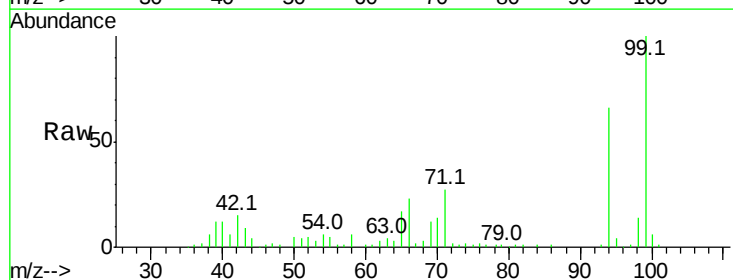
Tgt Ion: 94 Resp: 68845

Ion Ratio Lower Upper

94 100

65 25.1 21.4 61.4

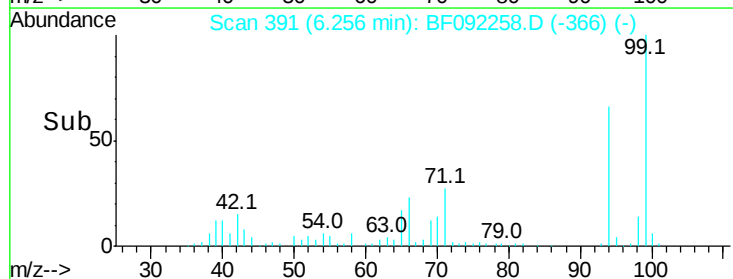
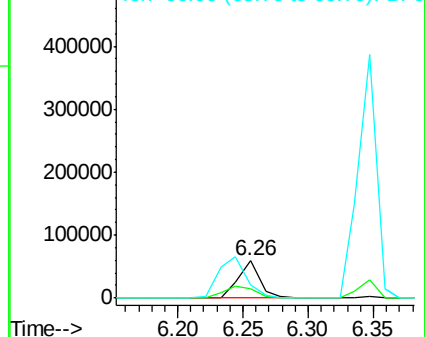
66 35.3 44.0 84.0#

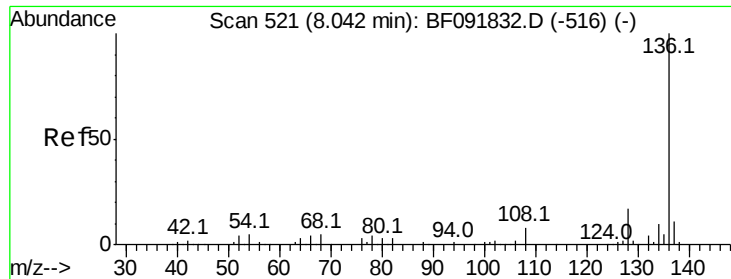


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

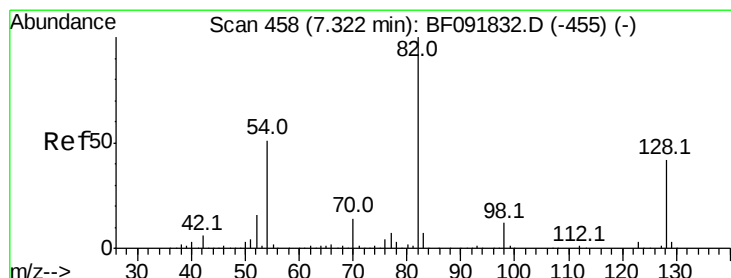
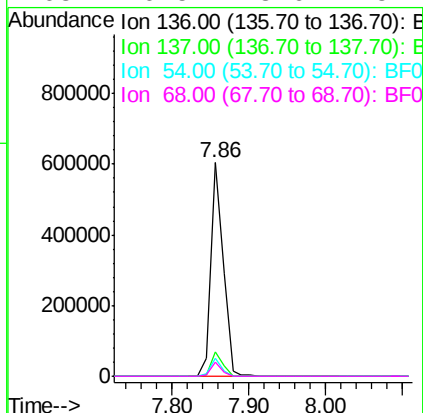
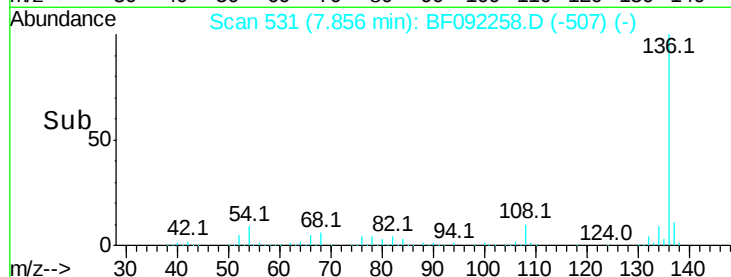
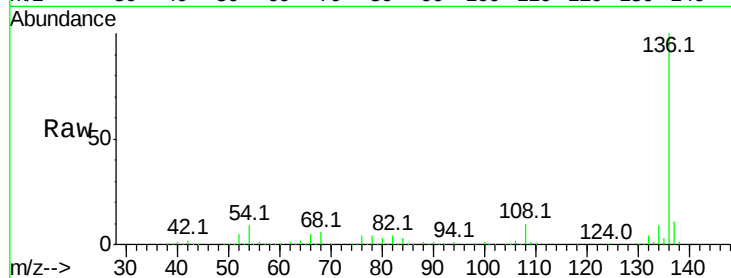




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

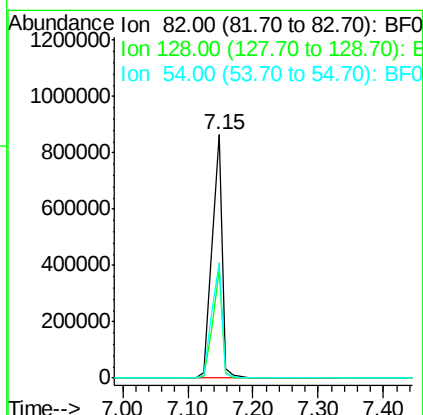
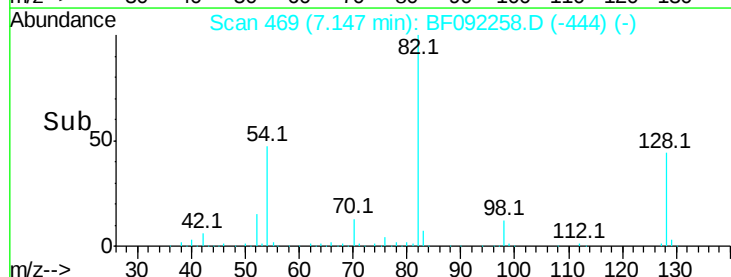
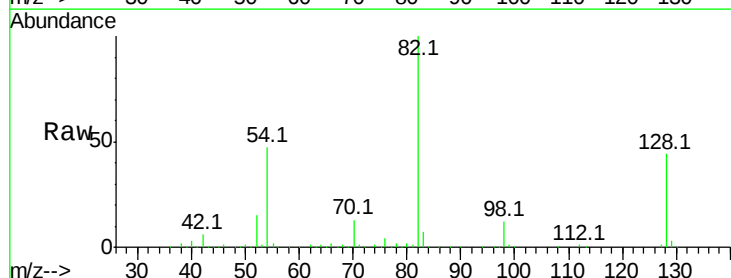
Instrument :
BNA_F
ClientSampleId :
TOD-SB-23-25

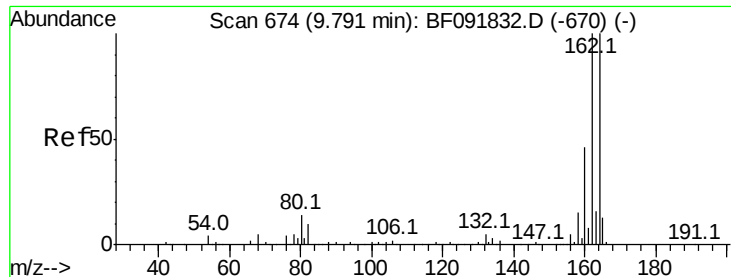
Tot Ion:	136	Resp:	666020
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	8.6	4.5	6.7#
68	6.5	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 79.37 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Tgt Ion:	82	Resp:	950668
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	52.0
54	47.4	39.5	59.3

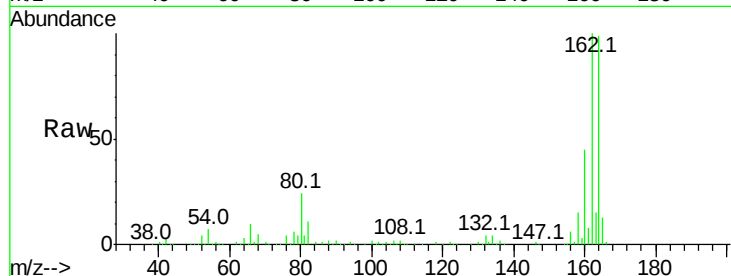




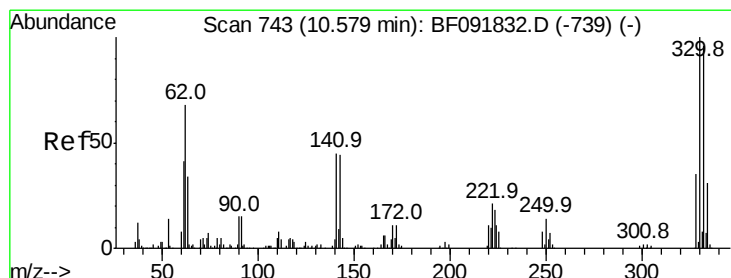
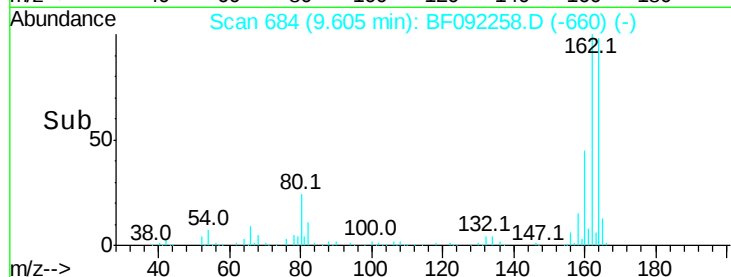
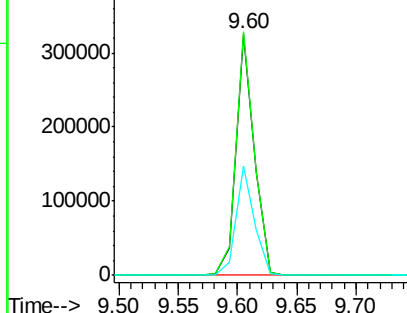
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF092258.D
 Acq: 13 Jan 2017 22:53

Instrument :
 BNA_F
 ClientSampleId :
 TOD-SB-23-25

Tot Ion:164 Resp: 348368
 Ion Ratio Lower Upper
 164 100
 162 100.9 80.2 120.2
 160 45.5 36.9 55.3

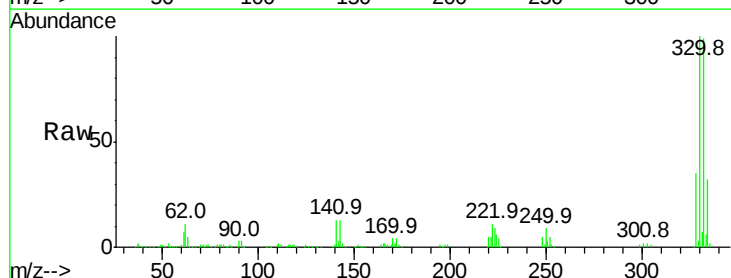


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

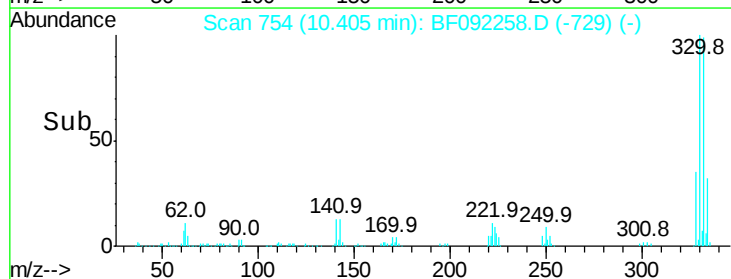
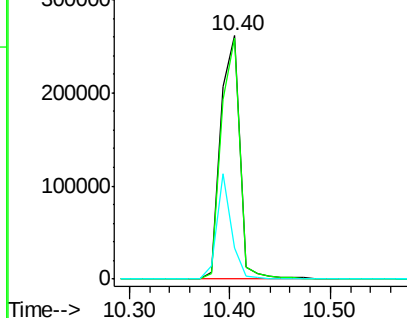


#41
 2,4,6-Tribromophenol
 Concen: 119.92 ng
 RT: 10.40 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092258.D
 Acq: 13 Jan 2017 22:53

Tgt Ion:330 Resp: 345738
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 33.5 34.1 51.1#



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

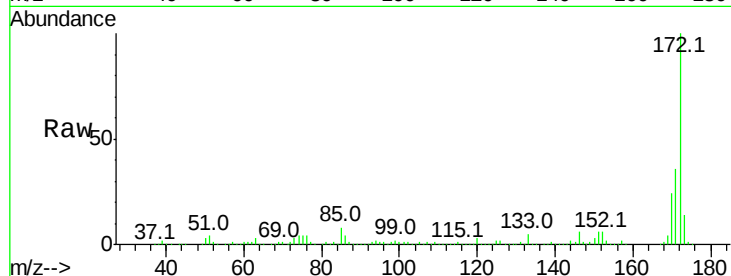




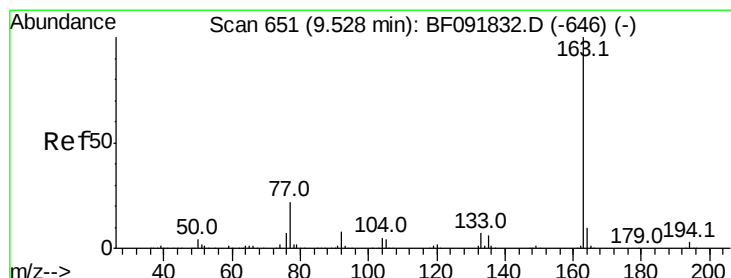
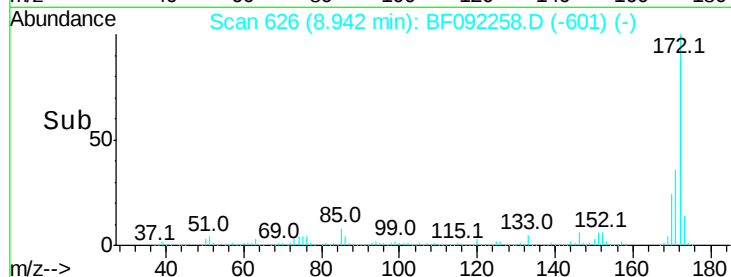
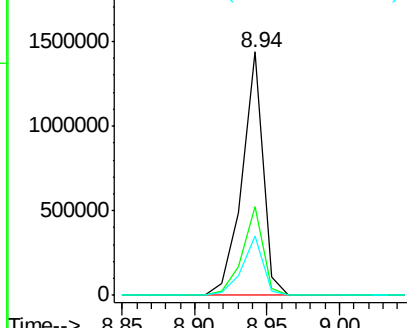
#44
2-Fluorobiphenyl
Concen: 85.31 ng
RT: 8.94 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Instrument :
BNA_F
ClientSampleId :
TOD-SB-23-25

Tot Ion:172 Resp: 1449685
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.5 20.2 30.4

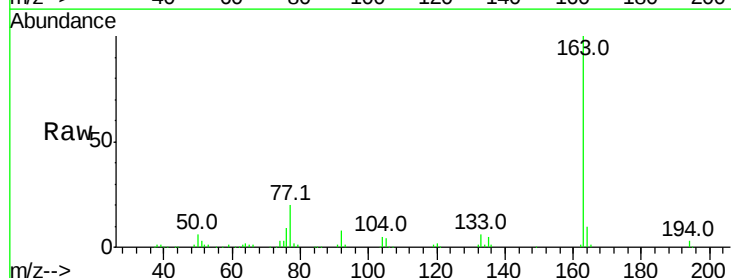


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

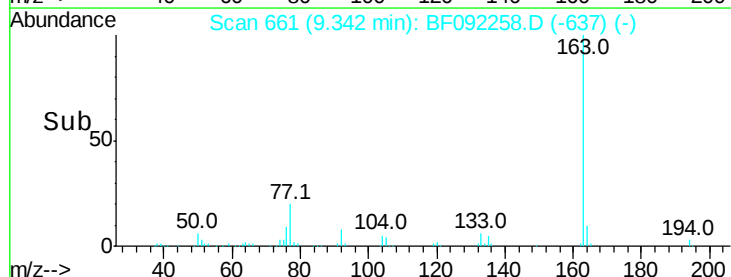
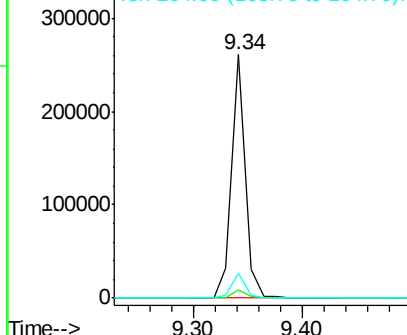


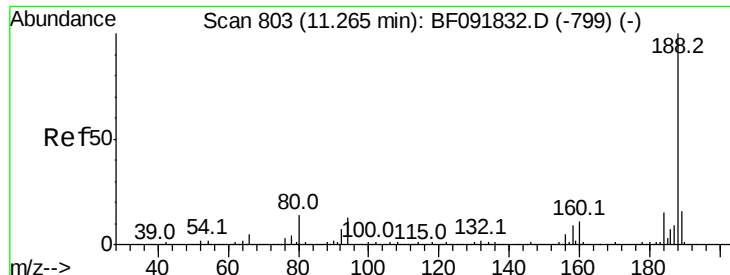
#49
Dimethylphthalate
Concen: 10.11 ng
RT: 9.34 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Tgt Ion:163 Resp: 225333
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.3 8.0 12.0



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

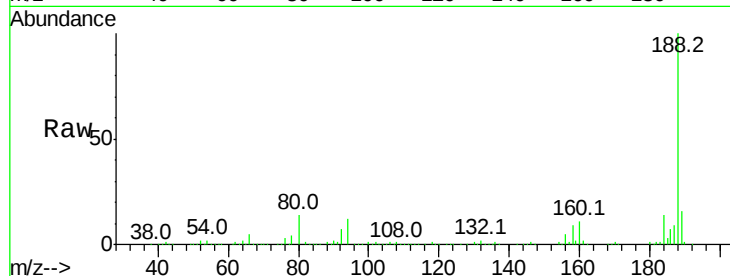




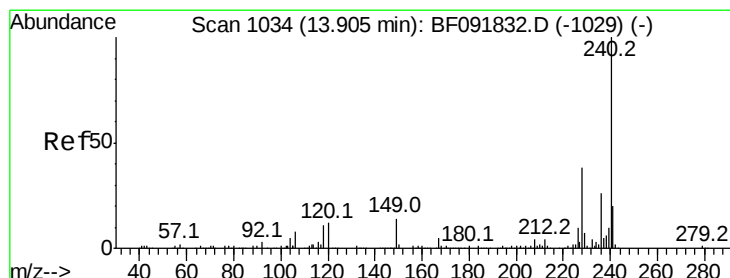
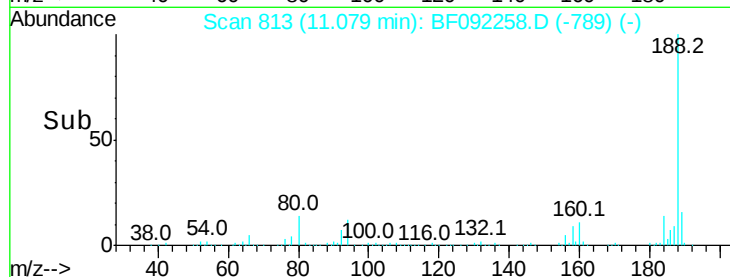
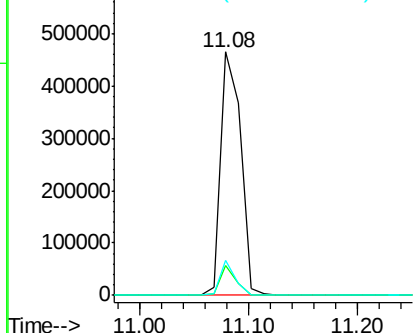
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Instrument :
BNA_F
ClientSampleId :
TOD-SB-23-25

Tot Ion:188 Resp: 594284
Ion Ratio Lower Upper
188 100
94 12.4 10.0 15.0
80 14.3 11.2 16.8

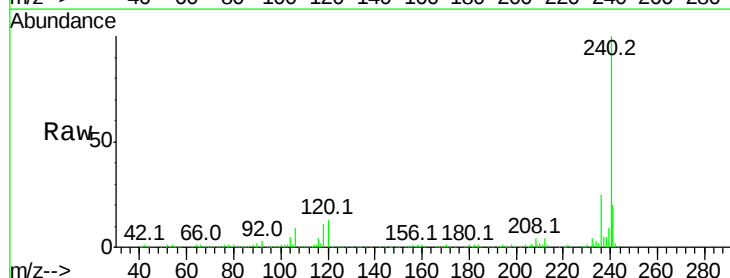


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

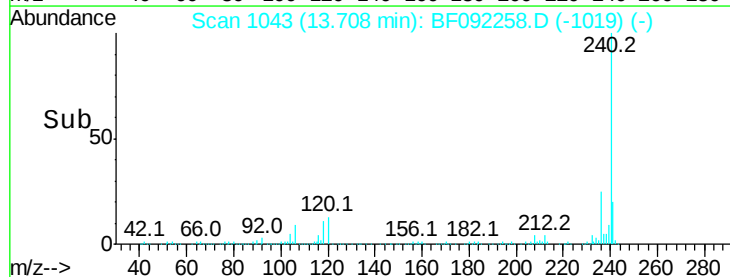
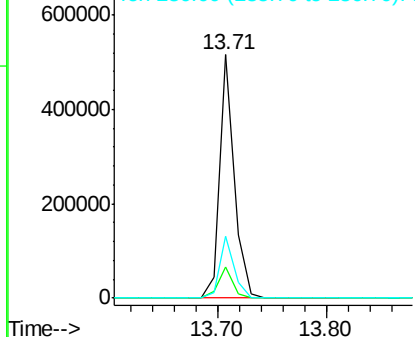


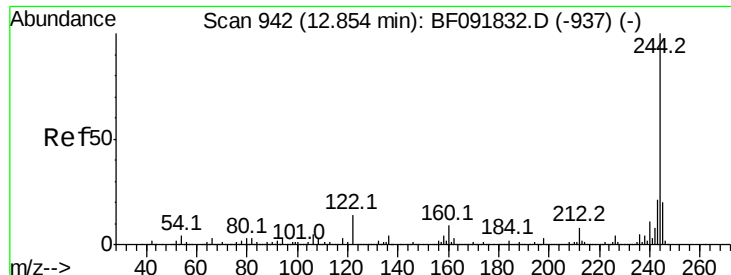
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF092258.D
Acq: 13 Jan 2017 22:53

Tgt Ion:240 Resp: 483893
Ion Ratio Lower Upper
240 100
120 12.5 12.9 19.3#
236 25.2 20.9 31.3



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: 65.49 ng

RT: 12.67 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF092258.D

Acq: 13 Jan 2017 22:53

Instrument :

BNA_F

ClientSampleId :

TOD-SB-23-25

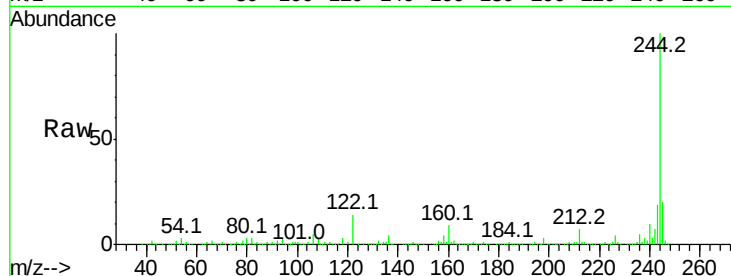
Tot Ion:244 Resp: 1306569

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

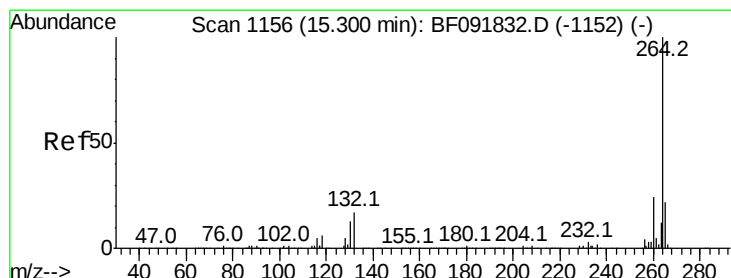
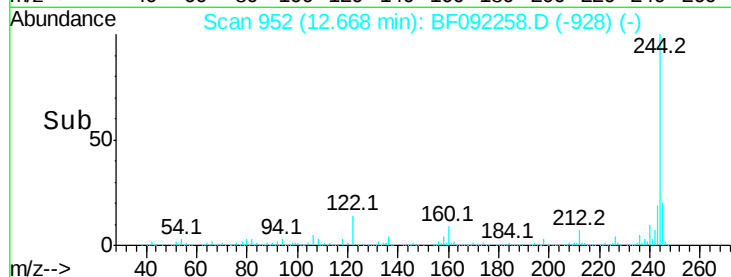
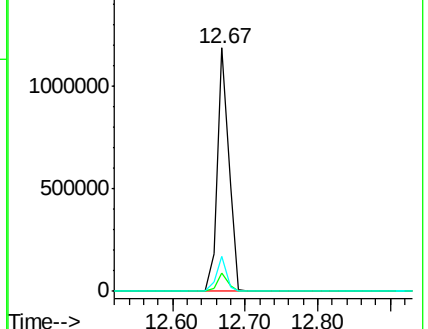
122 14.1 11.4 17.2



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: 15.07 min Scan# 1162

Delta R.T. -0.02 min

Lab File: BF092258.D

Acq: 13 Jan 2017 22:53

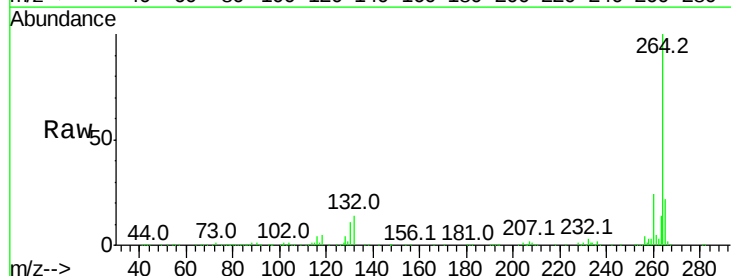
Tgt Ion:264 Resp: 389294

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.7 17.4 26.0



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

