

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104517.D
 Acq On : 14 Apr 2018 10:39
 Operator : JU/SJ
 Sample : J2368-11
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 041118-DBRC-E-D-B

Quant Time: Apr 16 01:11:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

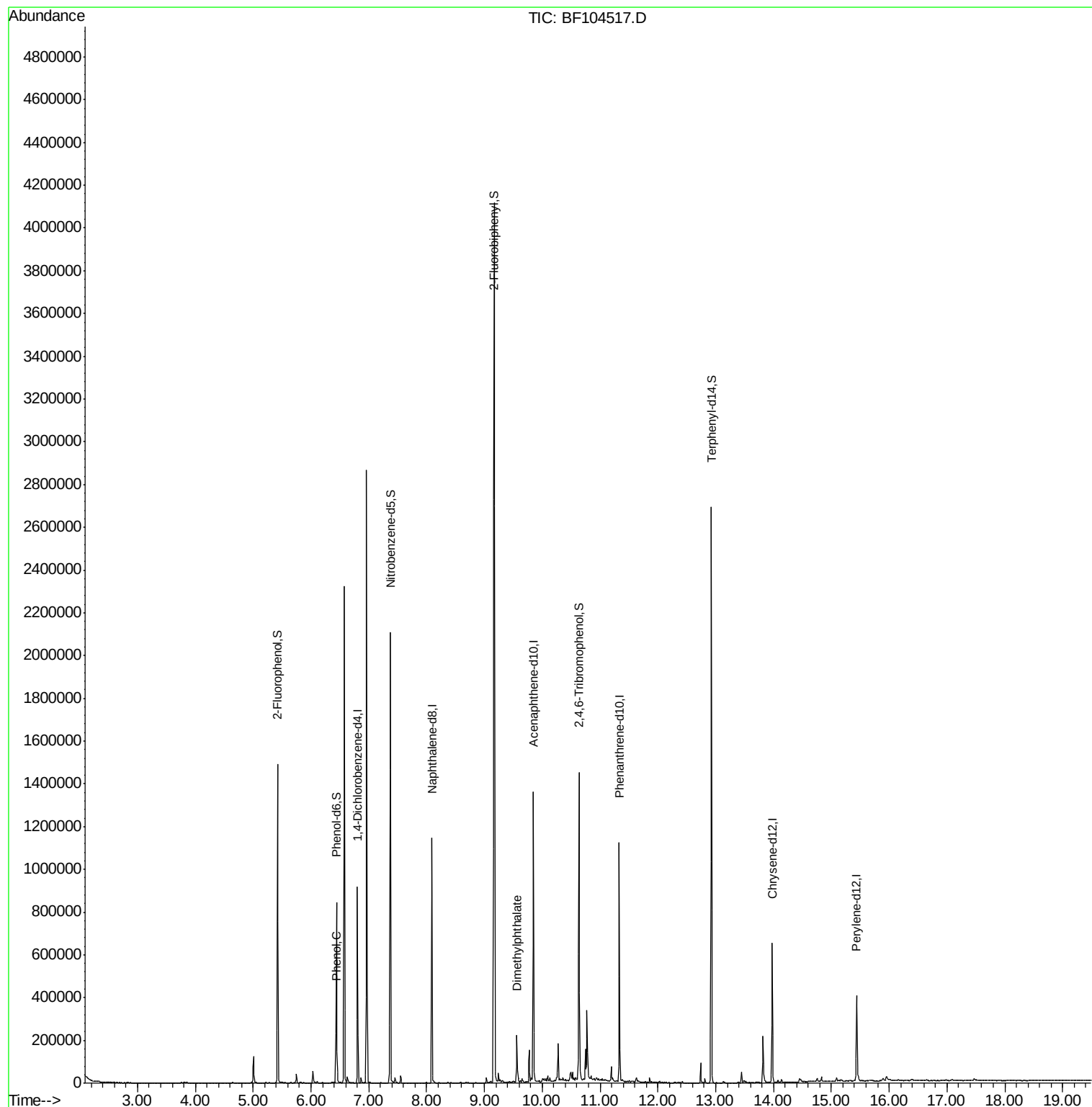
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	143342	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	496809	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	250497	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	375284	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	240923	20.00	ng	-0.01
86) Perylene-d12	15.44	264	183454	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	395819	42.22	ng	0.00
7) Phenol-d6	6.44	99	285879	24.82	ng	0.00
23) Nitrobenzene-d5	7.37	82	731215	96.11	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	188536	72.56	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1364317	86.04	ng	0.00
78) Terphenyl-d14	12.93	244	899863	85.15	ng	0.00
Target Compounds						
10) Phenol	6.45	94	28800	2.357	ng	99
49) Dimethylphthalate	9.56	163	88037	4.457	ng	100

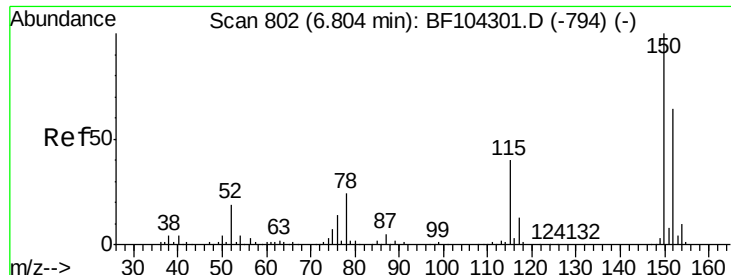
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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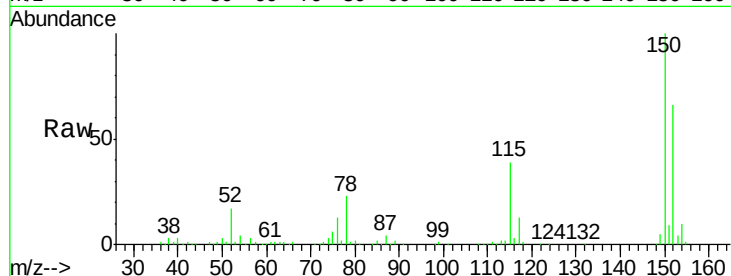


#1

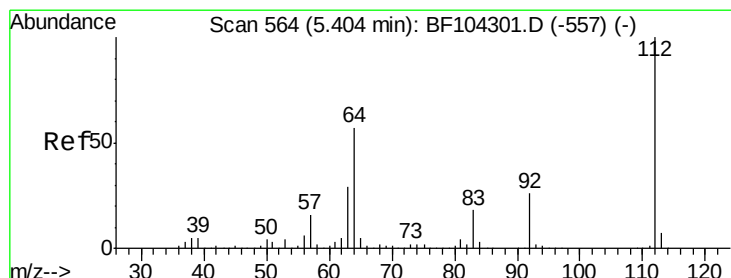
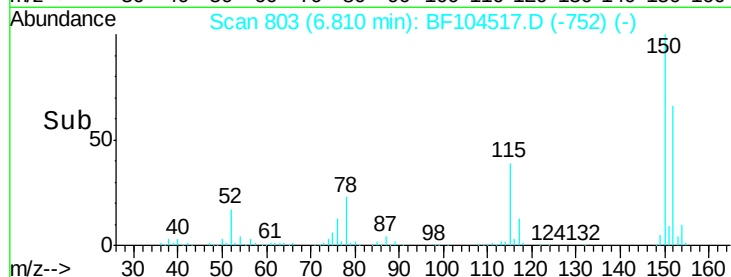
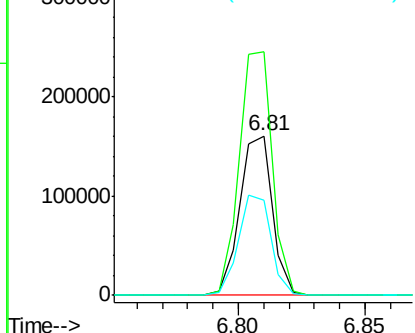
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104517.D
Acq: 14 Apr 2018 10:39

Instrument :
BNA_F
ClientSampleId :
041118-DBRC-E-D-B

Tot Ion:152 Resp: 143342
Ion Ratio Lower Upper
152 100
150 152.5 124.6 186.8
115 59.3 50.1 75.1



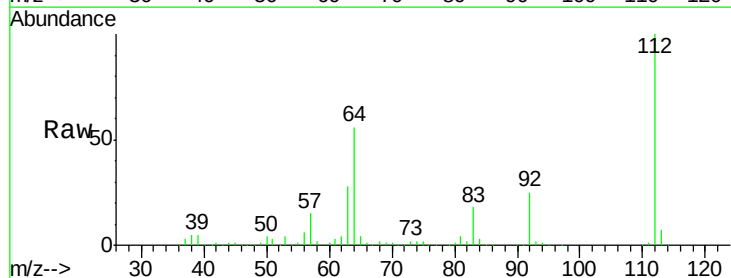
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



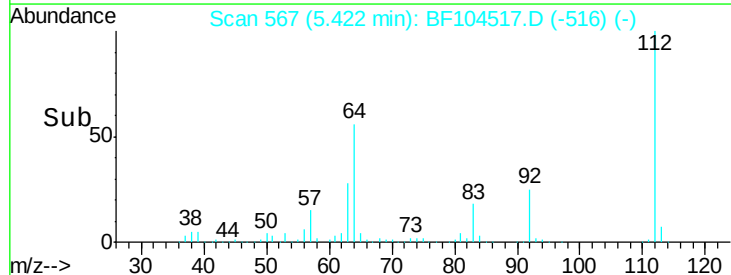
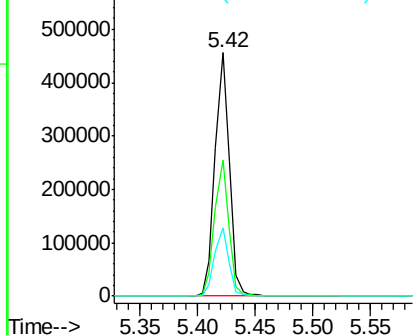
#5

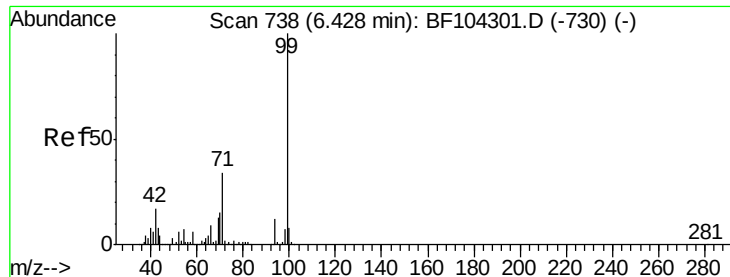
2-Fluorophenol
Concen: 42.223 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF104517.D
Acq: 14 Apr 2018 10:39

Tgt Ion:112 Resp: 395819
Ion Ratio Lower Upper
112 100
64 55.7 47.9 71.9
63 28.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 24.820 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104517.D

Acq: 14 Apr 2018 10:39

Instrument :

BNA_F

ClientSampleId :

041118-DBRC-E-D-B

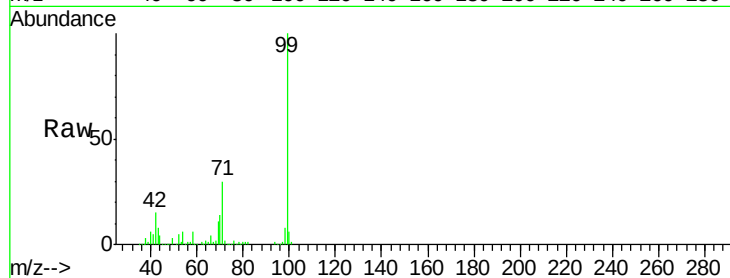
Tot Ion: 99 Resp: 285879

Ion Ratio Lower Upper

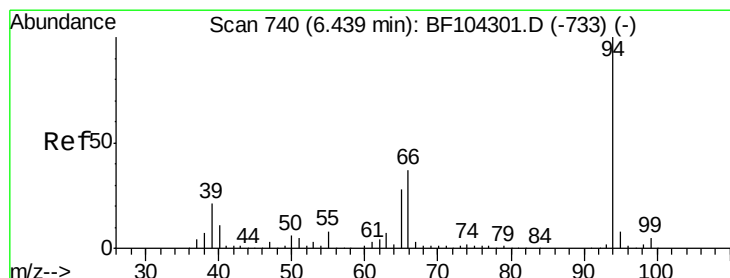
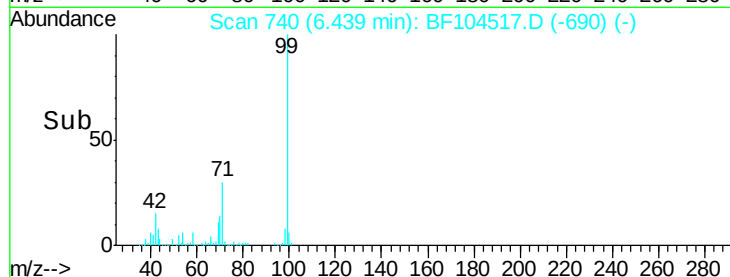
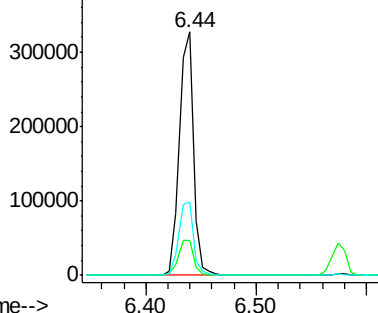
99 100

42 14.6 14.5 21.7

71 30.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.357 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104517.D

Acq: 14 Apr 2018 10:39

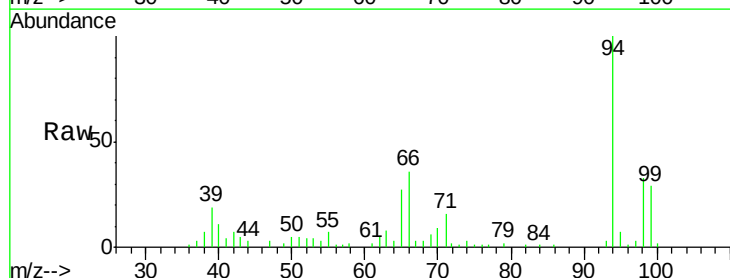
Tgt Ion: 94 Resp: 28800

Ion Ratio Lower Upper

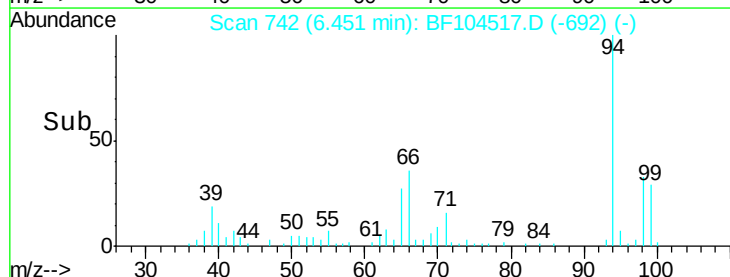
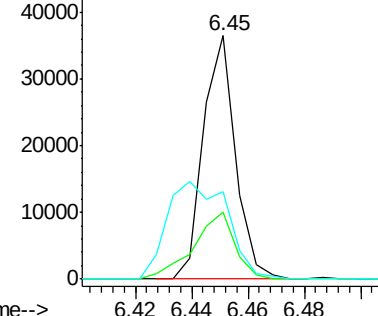
94 100

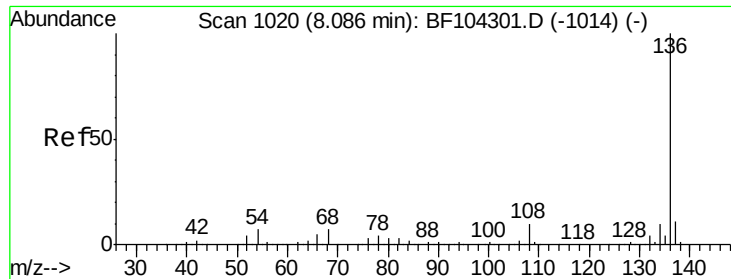
65 27.3 7.9 47.9

66 36.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

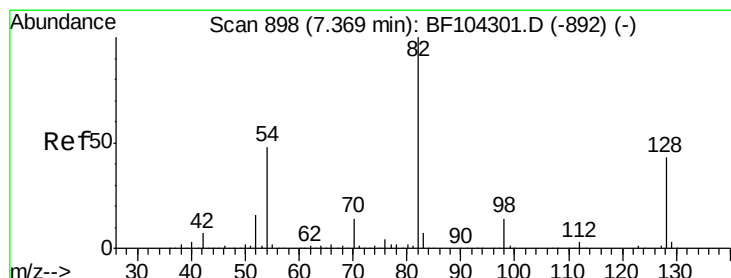
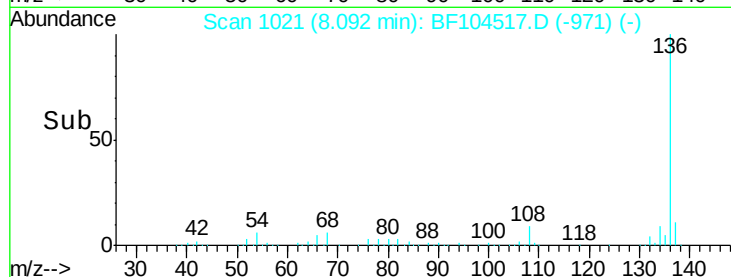
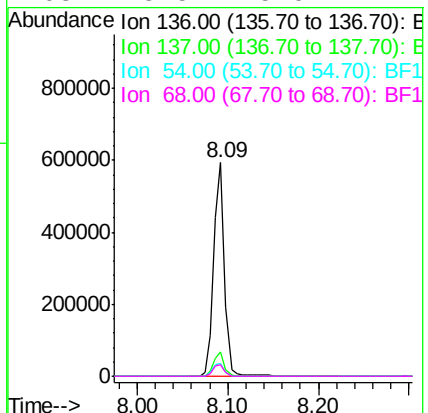
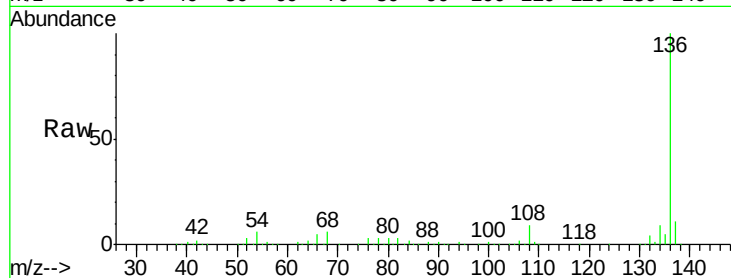




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104517.D
Acq: 14 Apr 2018 10:39

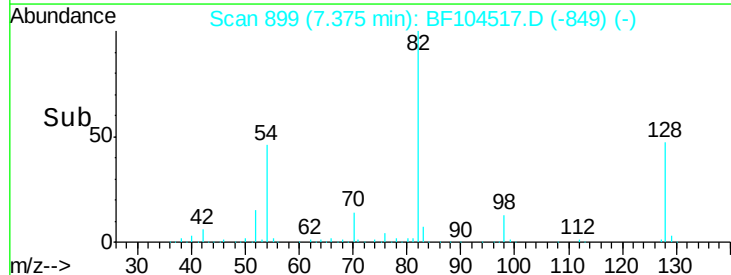
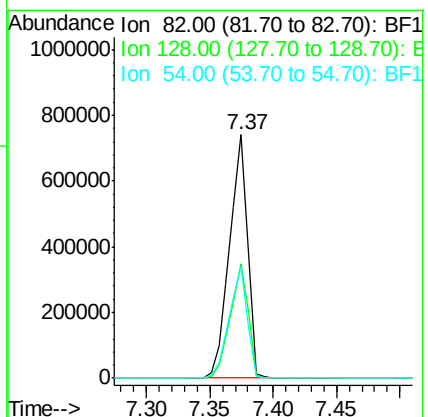
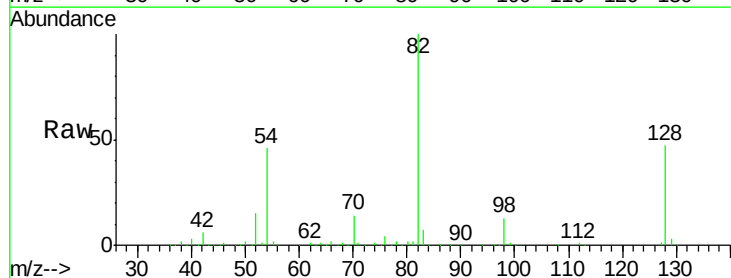
Instrument :
BNA_F
ClientSampleId :
041118-DBRC-E-D-B

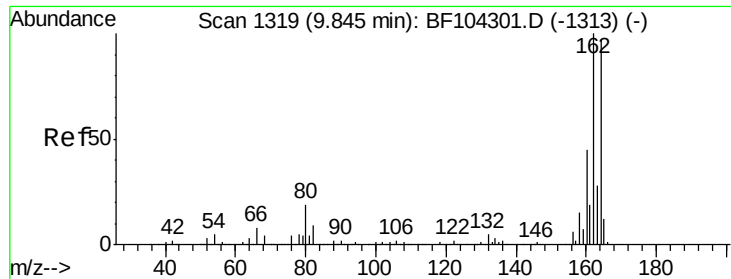
Tot Ion:136	Resp:	496809
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	6.1	6.6 9.8#
68	5.5	5.0 7.4



#23
Nitrobenzene-d5
Concen: 96.107 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104517.D
Acq: 14 Apr 2018 10:39

Tgt Ion: 82	Resp:	731215
Ion Ratio	Lower	Upper
82	100	
128	46.8	36.1 54.1
54	45.8	41.4 62.2

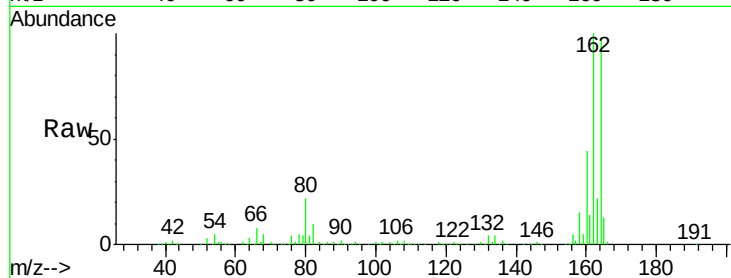




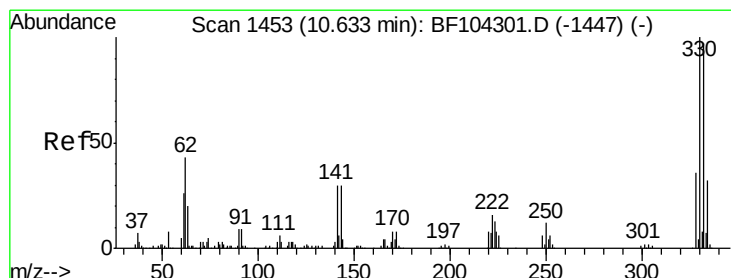
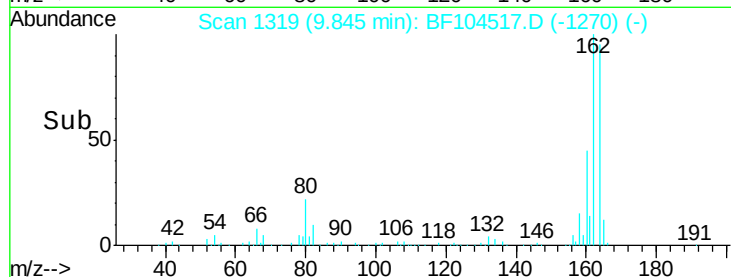
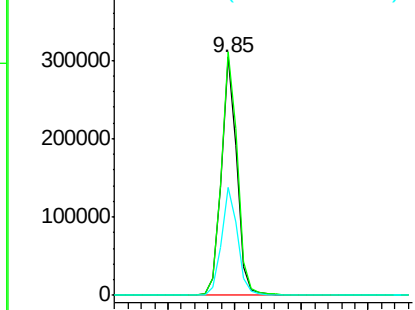
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF104517.D
 Acq: 14 Apr 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :
 041118-DBRC-E-D-B

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	45.4	38.3	57.5

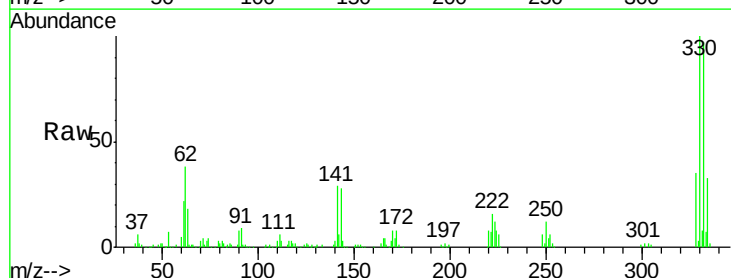


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

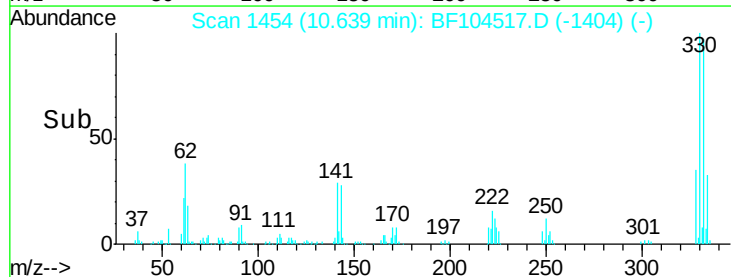
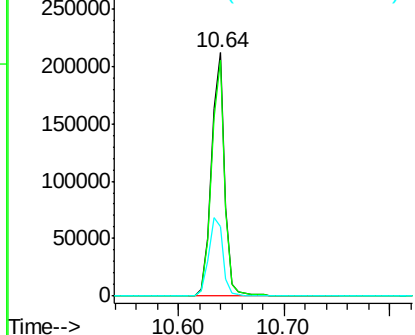


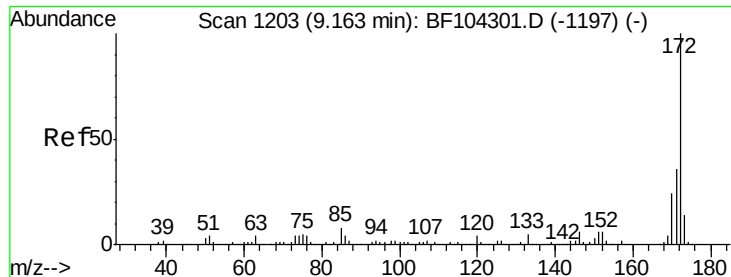
#41
 2,4,6-Tribromophenol
 Concen: 72.556 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104517.D
 Acq: 14 Apr 2018 10:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	35.0	29.9	44.9



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

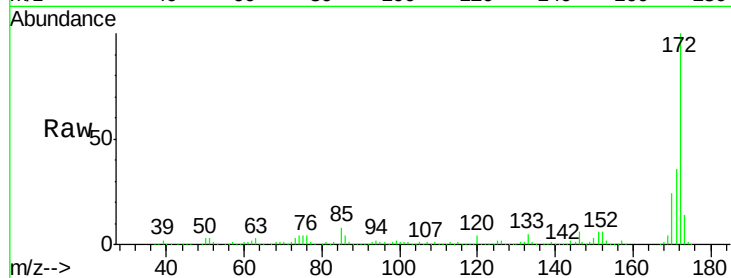




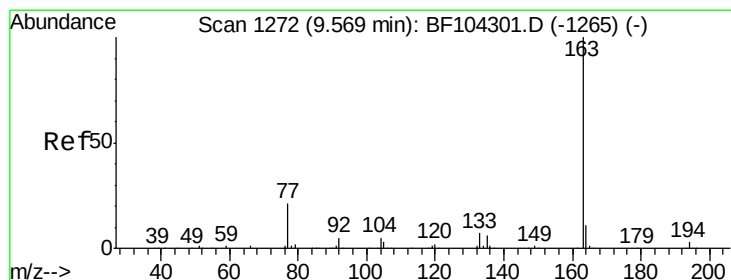
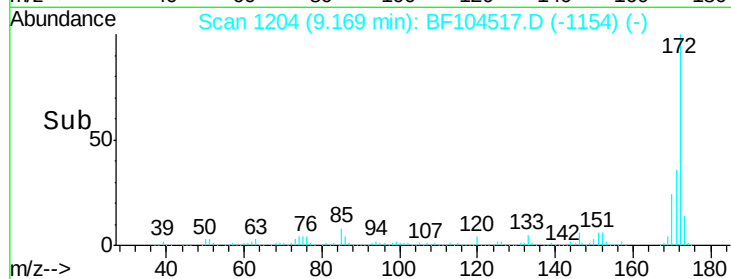
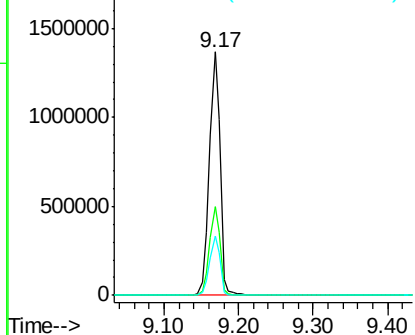
#44
2-Fluorobiphenyl
Concen: 86.040 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104517.D
Acq: 14 Apr 2018 10:39

Instrument :
BNA_F
ClientSampleId :
041118-DBRC-E-D-B

Tot Ion:172 Resp: 1364317
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.3 19.6 29.4

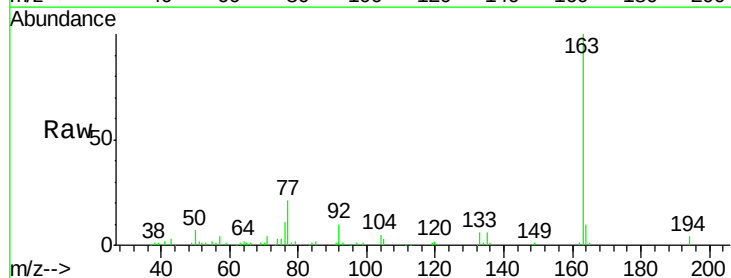


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

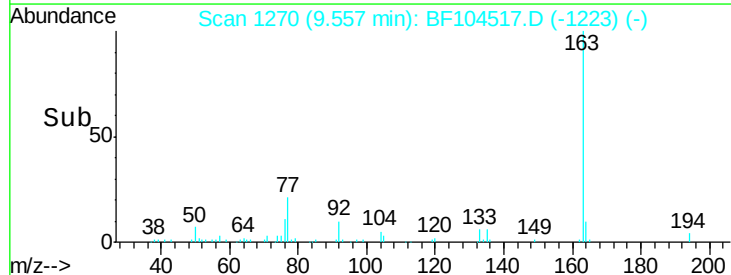
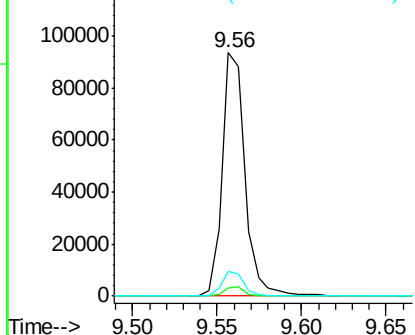


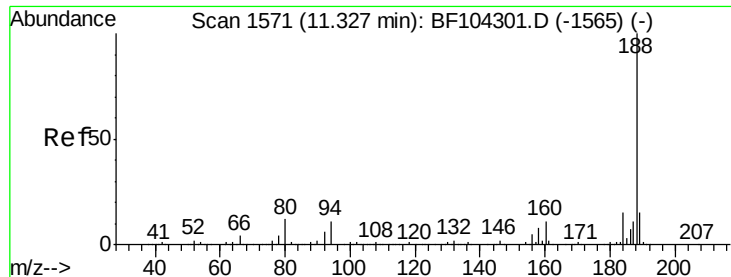
#49
Dimethylphthalate
Concen: 4.457 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104517.D
Acq: 14 Apr 2018 10:39

Tgt Ion:163 Resp: 88037
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 8.2 12.2



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

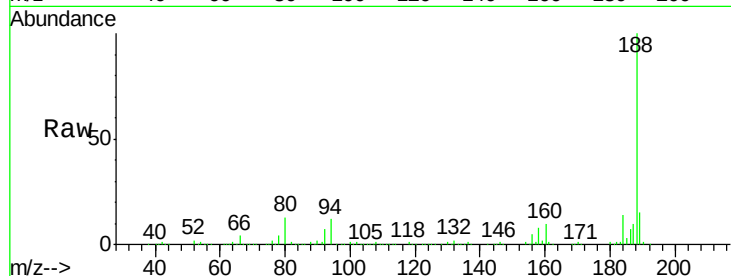




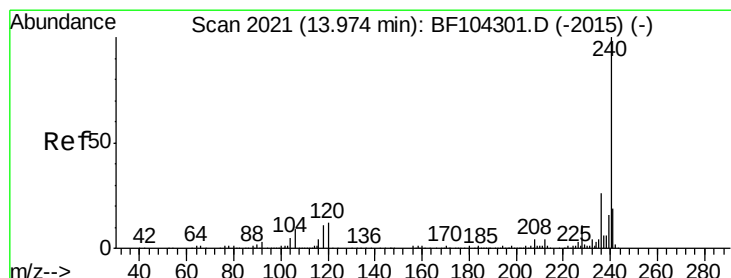
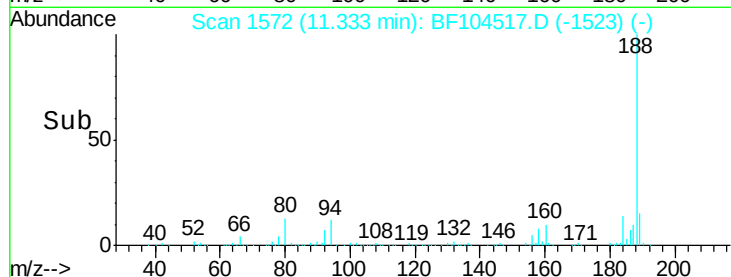
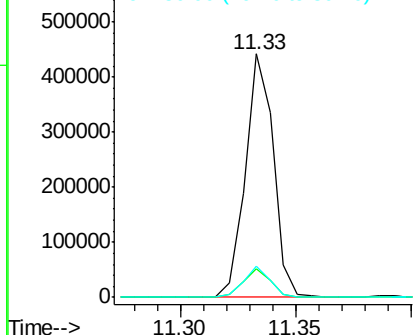
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF104517.D
Acq: 14 Apr 2018 10:39

Instrument :
BNA_F
ClientSampleId :
041118-DBRC-E-D-B

Tot Ion:188 Resp: 375284
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.8 9.2 13.8

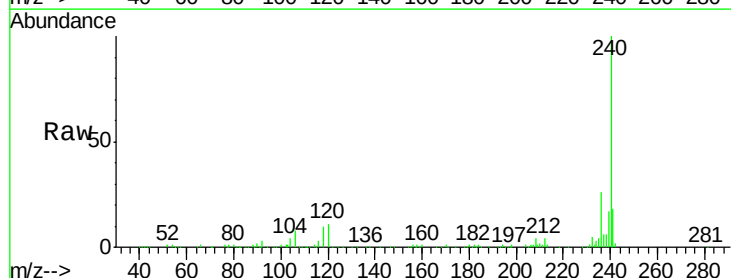


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

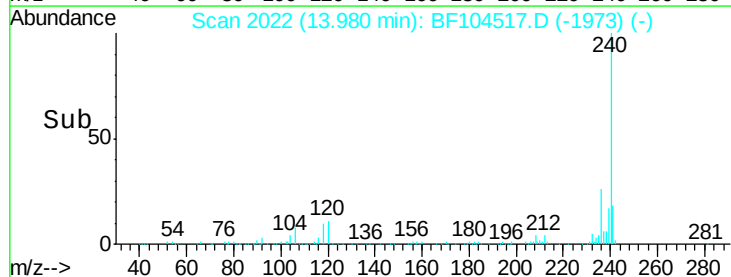
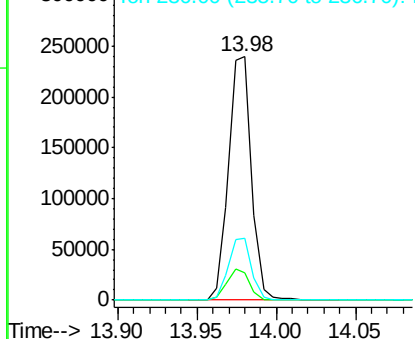


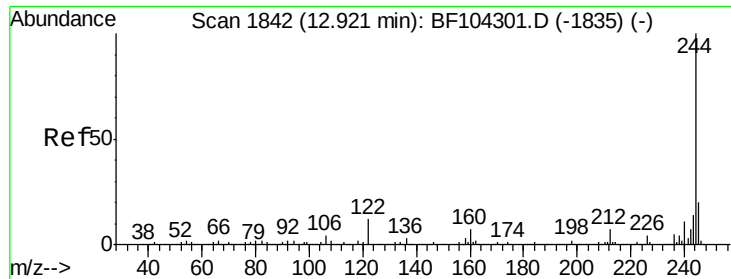
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104517.D
Acq: 14 Apr 2018 10:39

Tgt Ion:240 Resp: 240923
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 25.5 20.7 31.1



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: 85.153 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF104517.D

Acq: 14 Apr 2018 10:39

Instrument :

BNA_F

ClientSampleId :

041118-DBRC-E-D-B

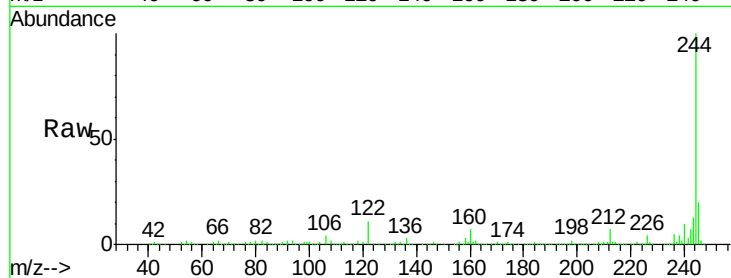
Tot Ion:244 Resp: 899863

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

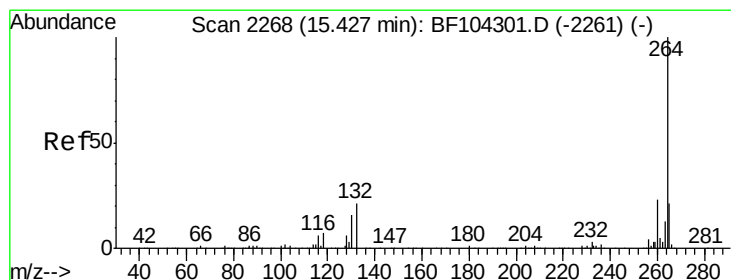
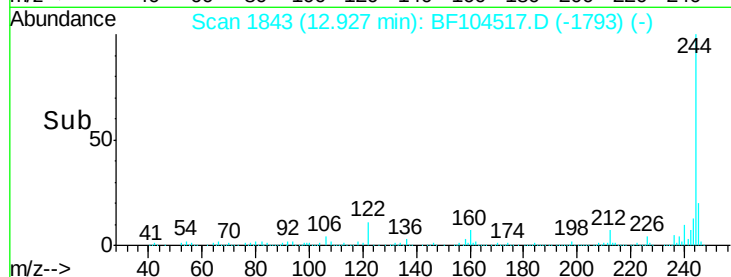
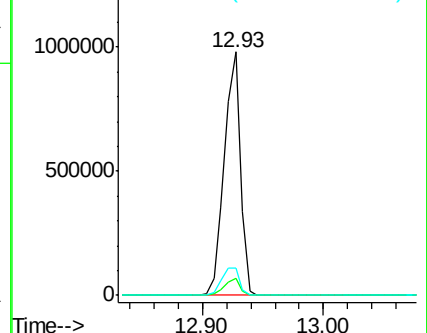
122 11.4 11.0 16.4



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: 15.44 min Scan# 2270

Delta R.T. -0.02 min

Lab File: BF104517.D

Acq: 14 Apr 2018 10:39

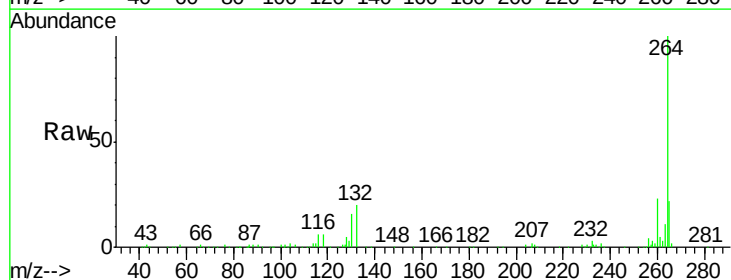
Tgt Ion:264 Resp: 183454

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.8 17.5 26.3



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

