

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106409.D
 Acq On : 13 Jun 2018 23:25
 Operator : JU/SJ
 Sample : J3448-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N-48971

Quant Time: Jun 14 04:02:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

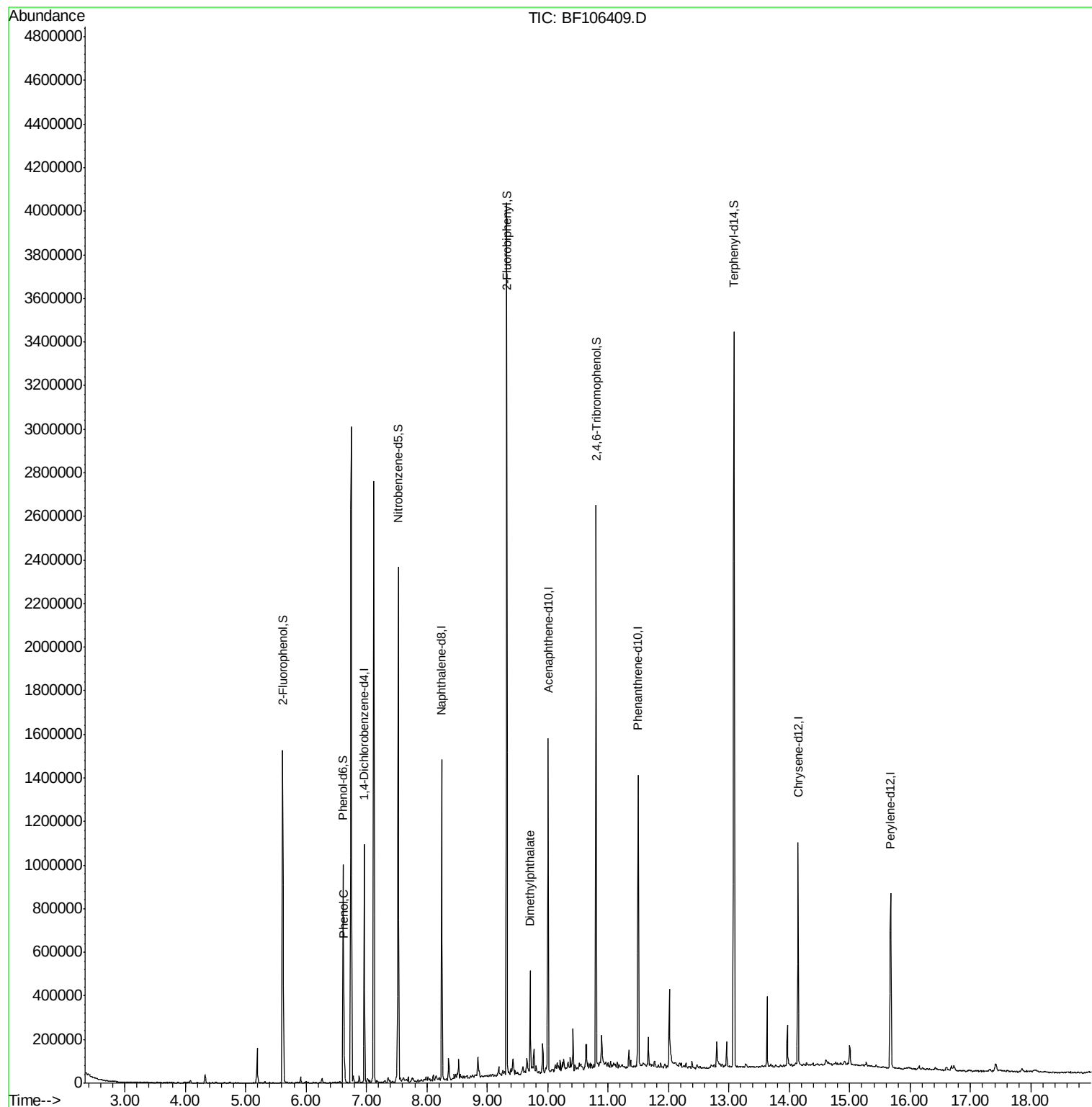
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	145598	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	553166	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	267071	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	495709	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	357861	20.00	ng	-0.02
86) Perylene-d12	15.68	264	366831	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	483503	56.20	ng	-0.01
7) Phenol-d6	6.61	99	389510	35.84	ng	-0.01
23) Nitrobenzene-d5	7.53	82	797846	84.85	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	354199	137.84	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1283748	85.53	ng	0.00
78) Terphenyl-d14	13.08	244	1283442	89.08	ng	0.00
Target Compounds						
10) Phenol	6.63	94	38640	3.257	ng	91
49) Dimethylphthalate	9.71	163	146416	7.674	ng	99

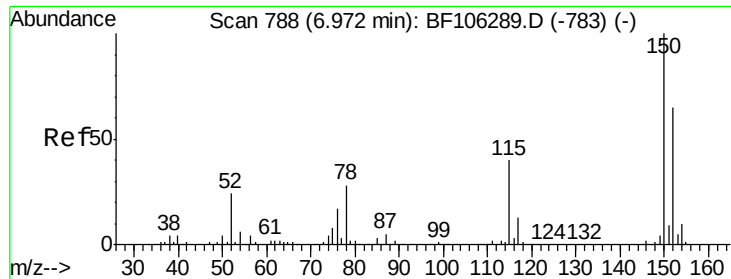
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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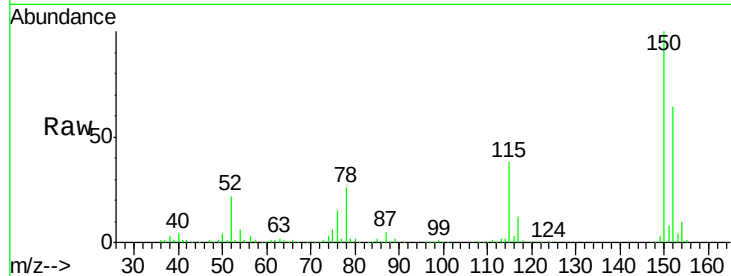


#1

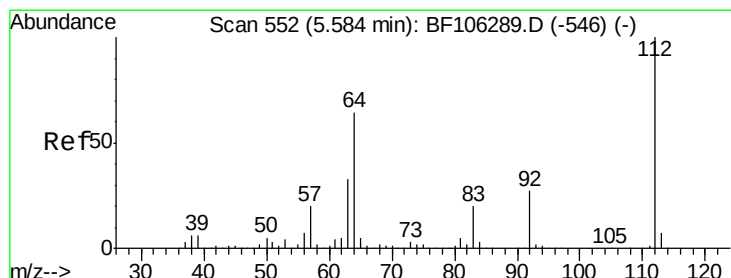
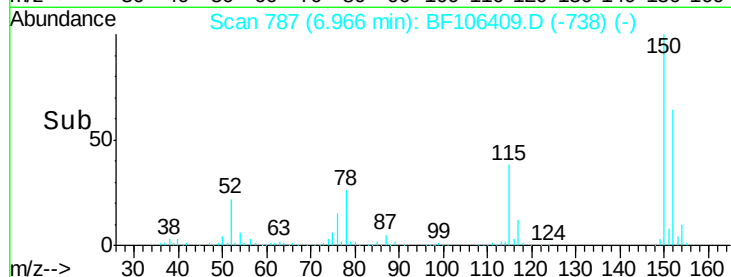
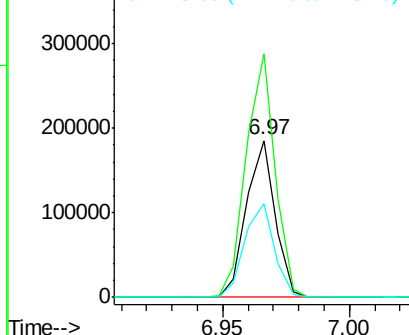
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106409.D
Acq: 13 Jun 2018 23:25

Instrument :
BNA_F
ClientSampleId :
N-48971

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	59.6	50.1	75.1



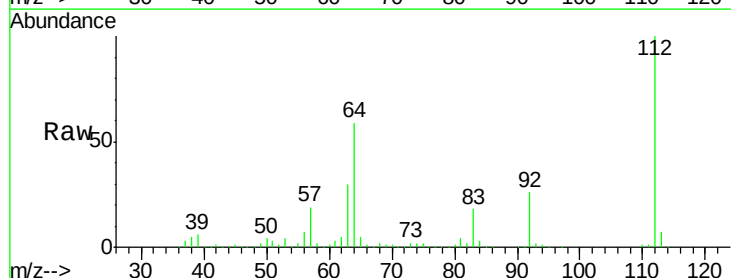
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



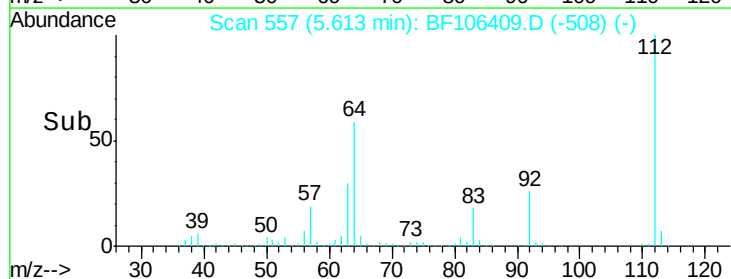
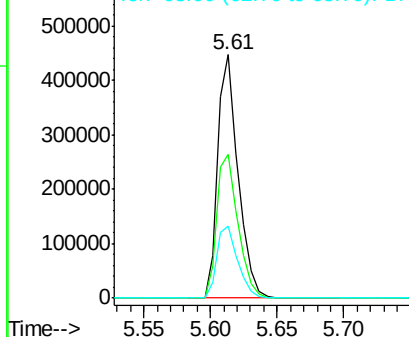
#5

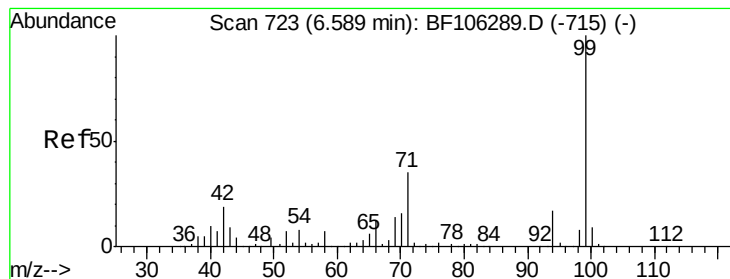
2-Fluorophenol
Concen: 56.205 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF106409.D
Acq: 13 Jun 2018 23:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	29.8	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: 35.838 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106409.D

Acq: 13 Jun 2018 23:25

Instrument :

BNA_F

ClientSampleId :

N-48971

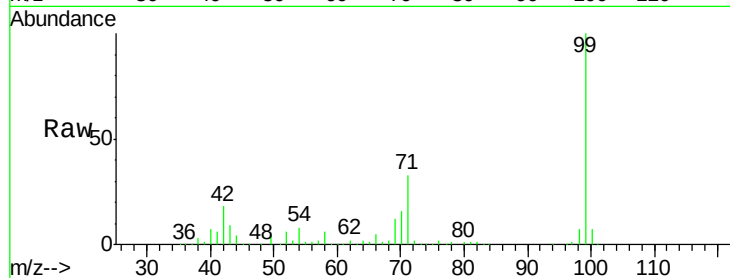
Tot Ion: 99 Resp: 389510

Ion Ratio Lower Upper

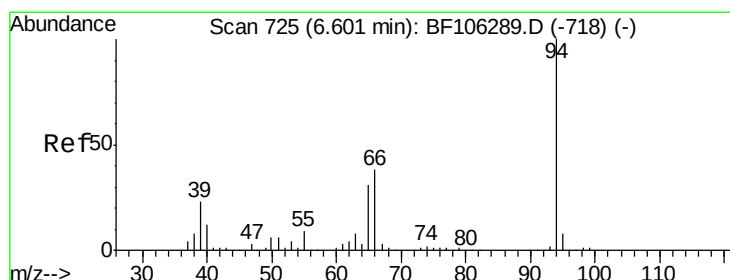
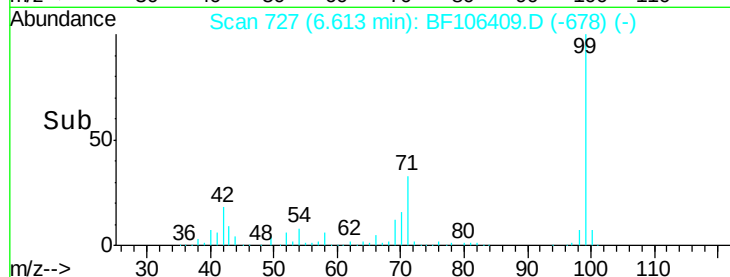
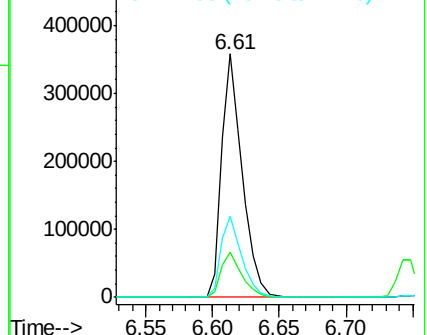
99 100

42 18.3 14.5 21.7

71 33.2 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: 3.257 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF106409.D

Acq: 13 Jun 2018 23:25

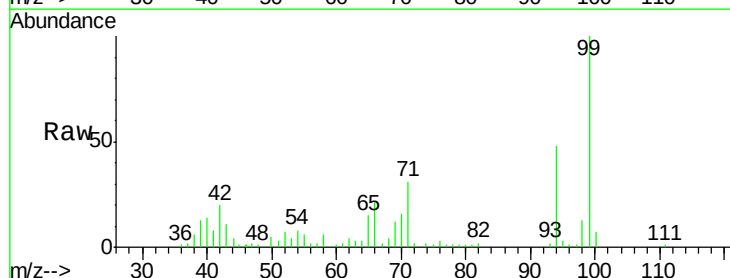
Tgt Ion: 94 Resp: 38640

Ion Ratio Lower Upper

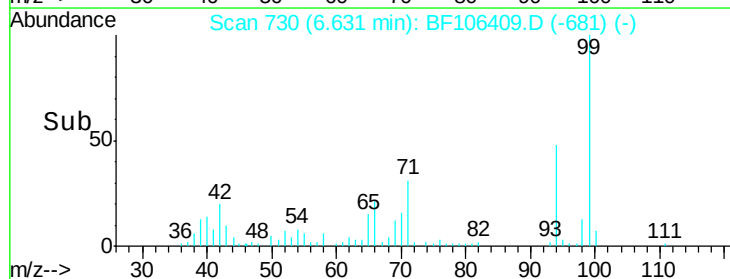
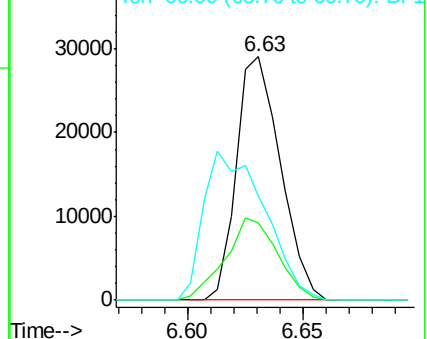
94 100

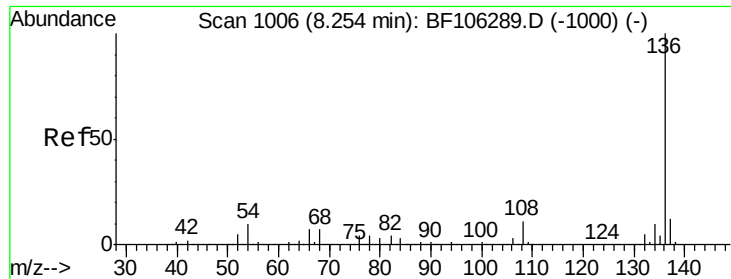
65 31.5 7.9 47.9

66 42.9 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

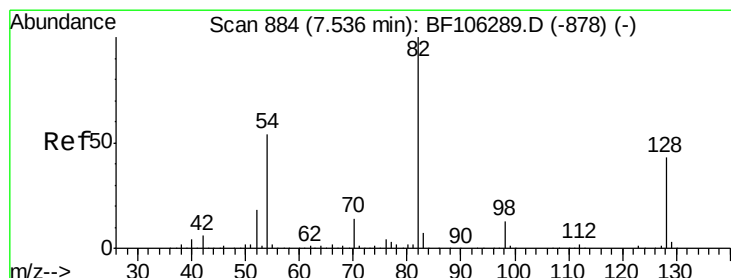
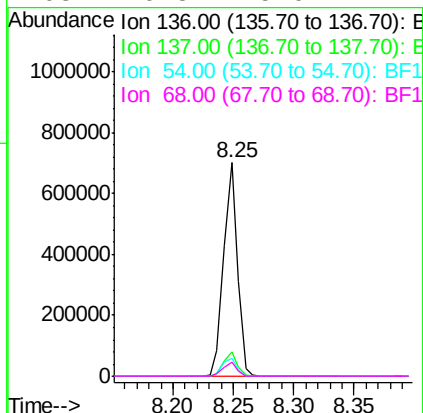
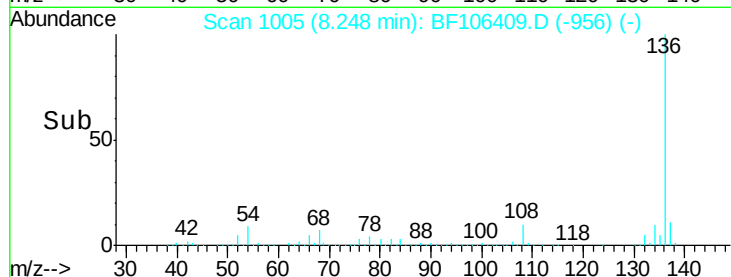
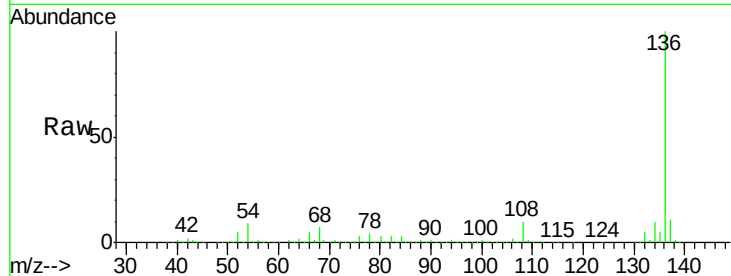




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106409.D
Acq: 13 Jun 2018 23:25

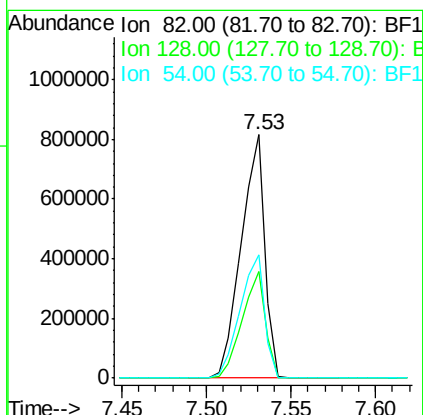
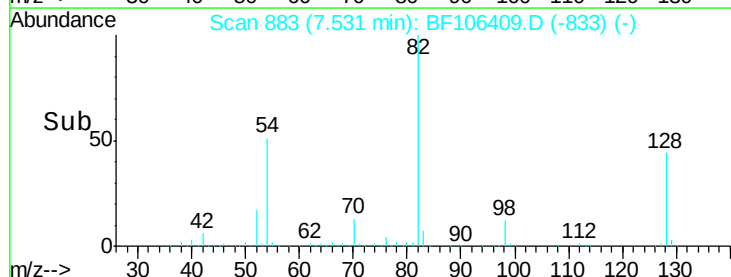
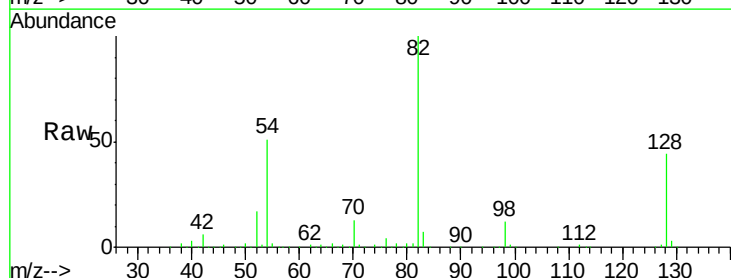
Instrument :
BNA_F
ClientSampleId :
N-48971

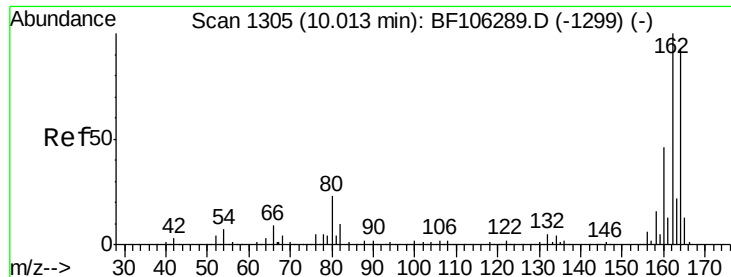
Tot Ion:136	Resp:	553166
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.9 13.3
54	8.6	6.6 9.8
68	6.8	5.0 7.4



#23
Nitrobenzene-d5
Concen: 84.850 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106409.D
Acq: 13 Jun 2018 23:25

Tgt Ion: 82	Resp:	797846
Ion Ratio	Lower	Upper
82	100	
128	43.9	36.1 54.1
54	50.8	41.4 62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF106409.D

Acq: 13 Jun 2018 23:25

Instrument :

BNA_F

ClientSampleId :

N-48971

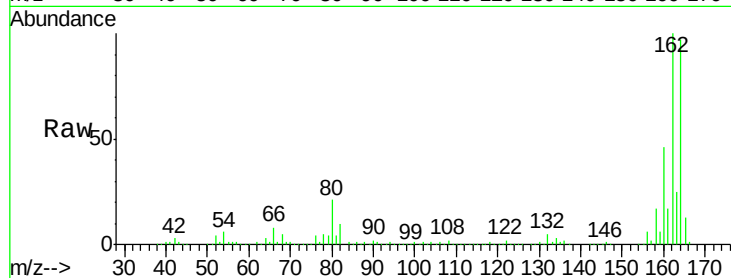
Tot Ion:164 Resp: 267071

Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

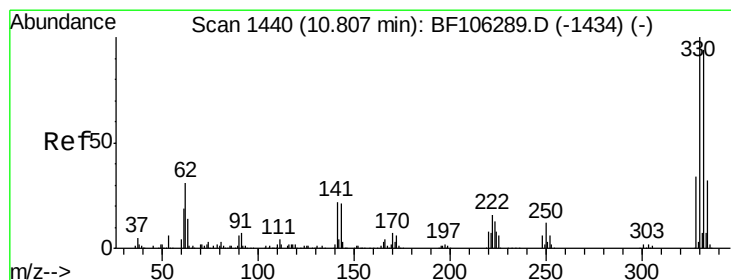
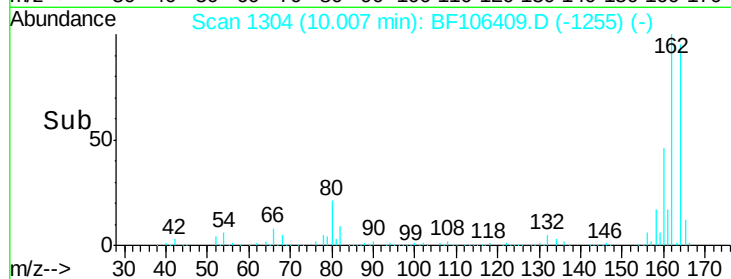
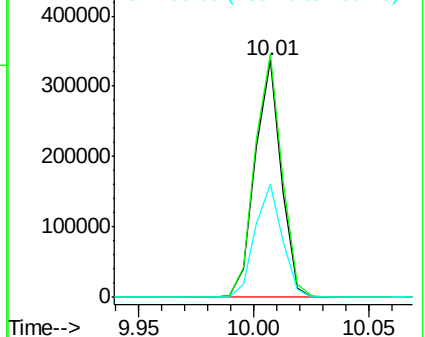
160 47.5 38.3 57.5



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: 137.837 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF106409.D

Acq: 13 Jun 2018 23:25

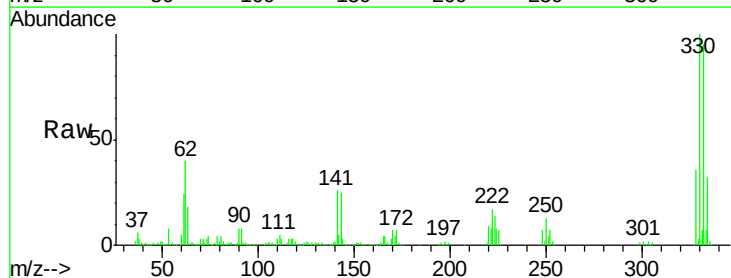
Tgt Ion:330 Resp: 354199

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

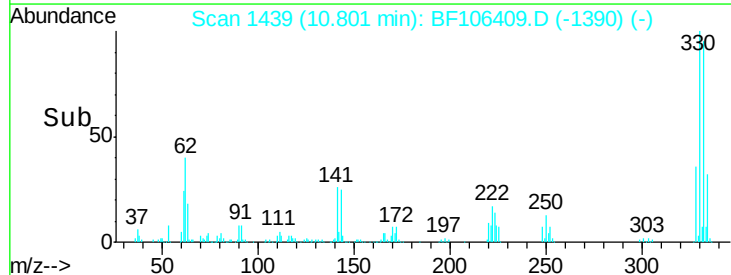
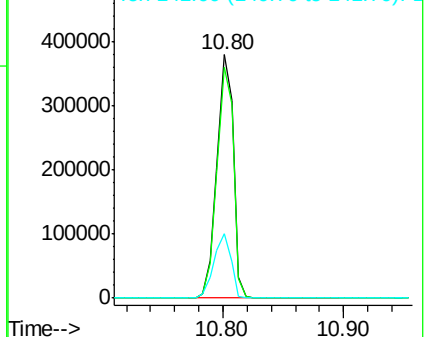
141 27.2 29.9 44.9#

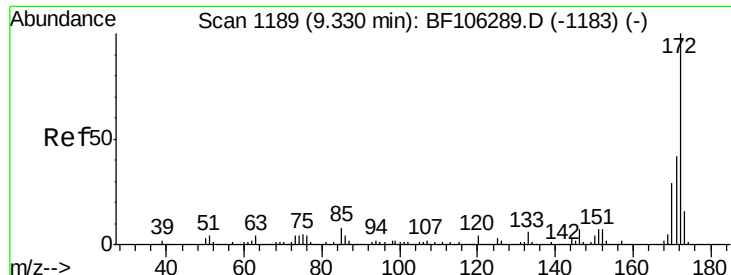


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

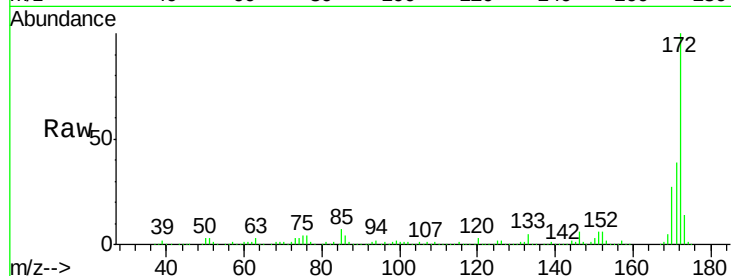




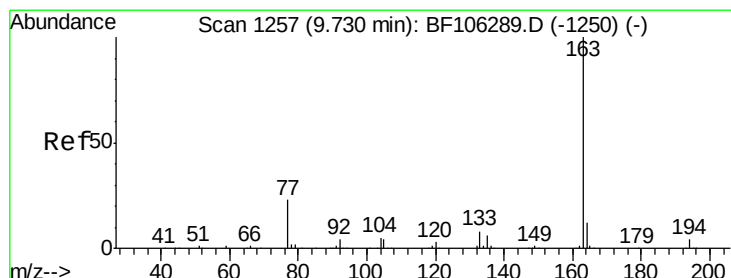
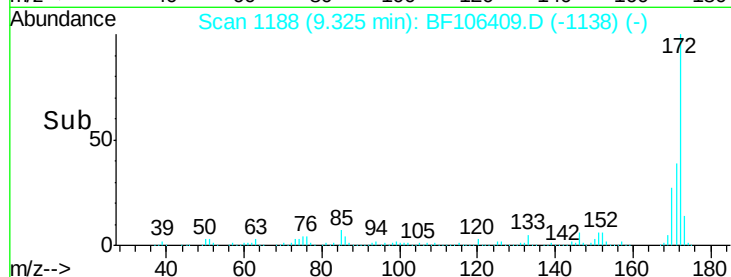
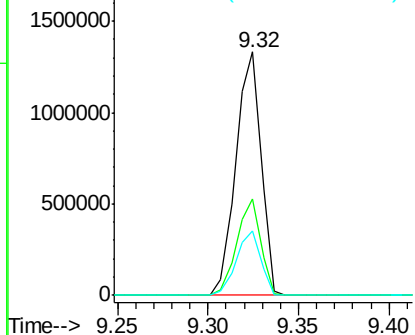
#44
2-Fluorobiphenyl
Concen: 85.531 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF106409.D
Acq: 13 Jun 2018 23:25

Instrument :
BNA_F
ClientSampleId :
N-48971

Tot Ion:172 Resp: 1283748
Ion Ratio Lower Upper
172 100
171 39.4 29.7 44.5
170 26.6 19.6 29.4

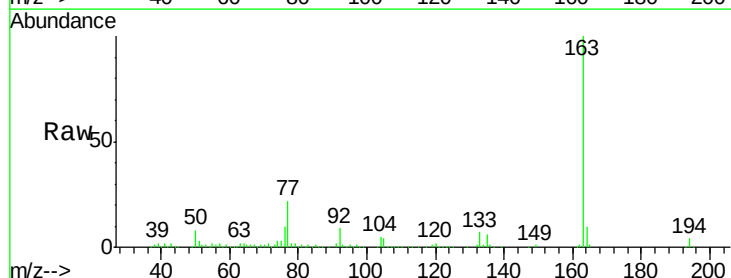


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

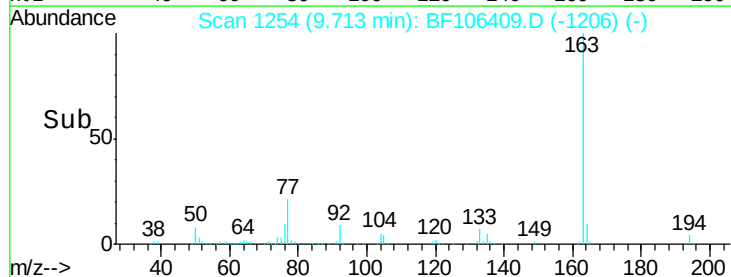
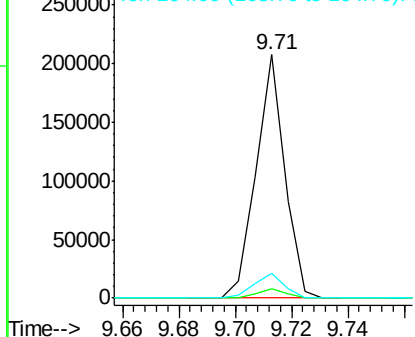


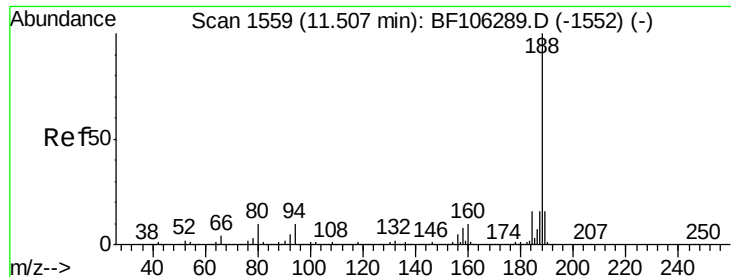
#49
Dimethylphthalate
Concen: 7.674 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF106409.D
Acq: 13 Jun 2018 23:25

Tgt Ion:163 Resp: 146416
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.9 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: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106409.D

Acq: 13 Jun 2018 23:25

Instrument :

BNA_F

ClientSampleId :

N-48971

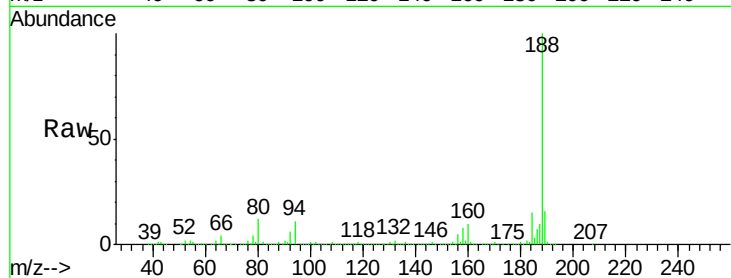
Tot Ion:188 Resp: 495709

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

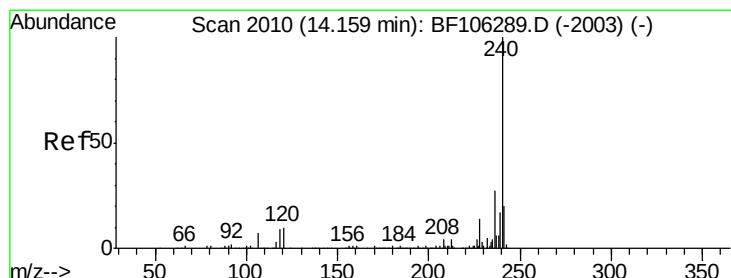
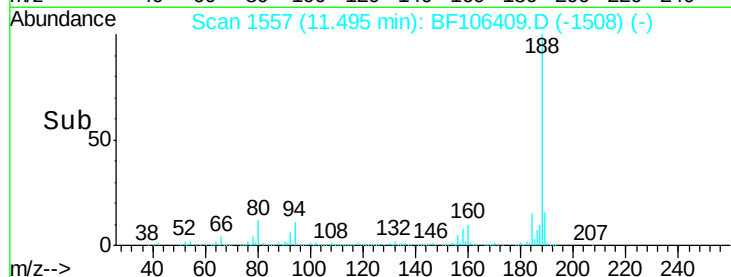
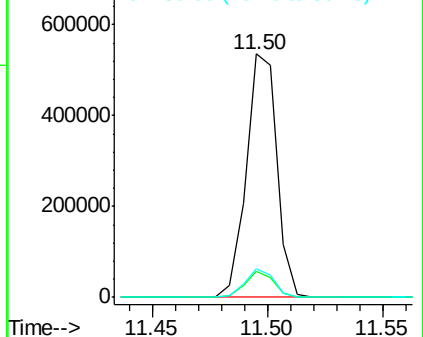
80 11.9 9.2 13.8



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: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106409.D

Acq: 13 Jun 2018 23:25

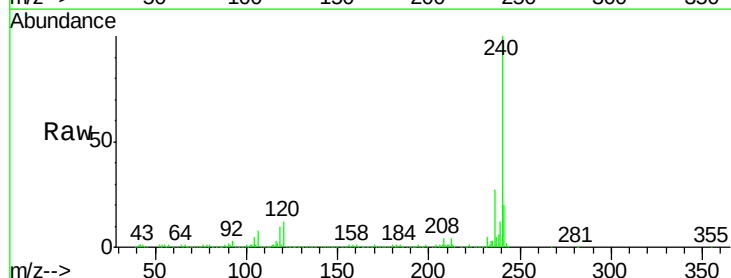
Tgt Ion:240 Resp: 357861

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

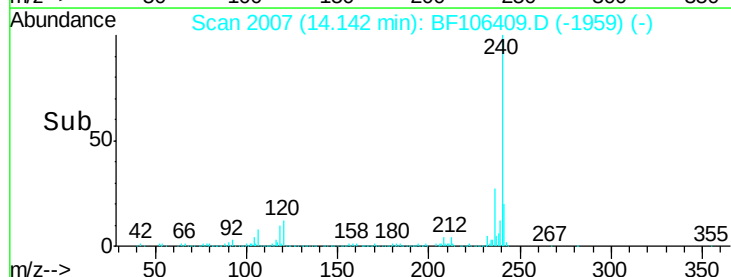
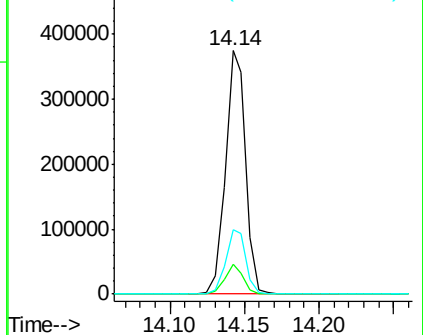
236 26.5 20.7 31.1

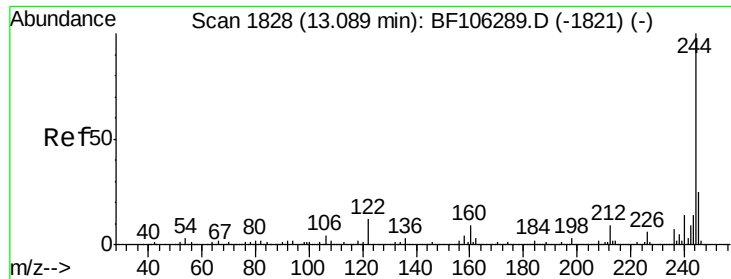


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.079 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106409.D

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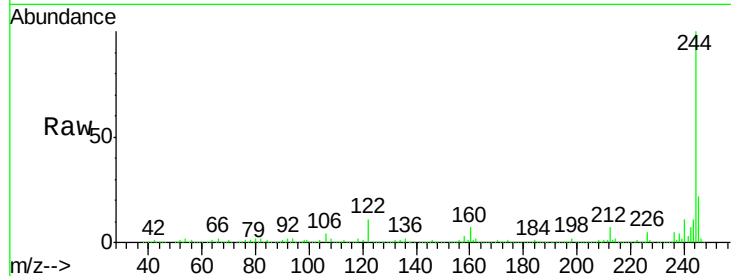
Tot Ion:244 Resp: 1283442

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

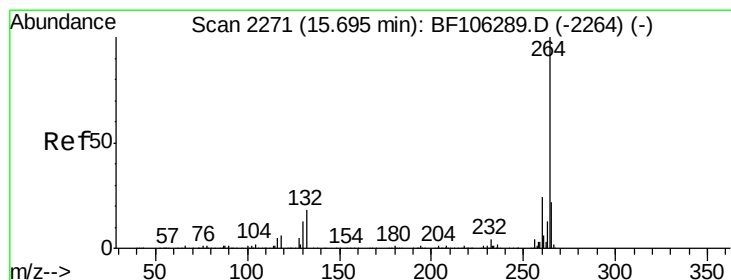
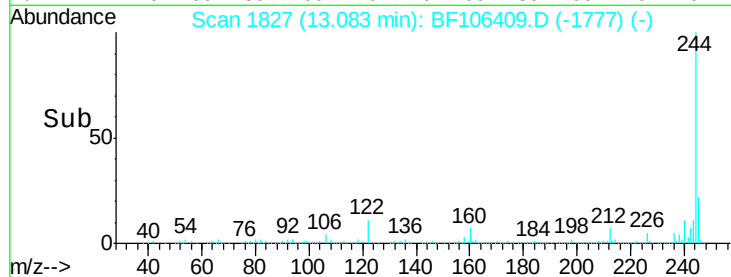
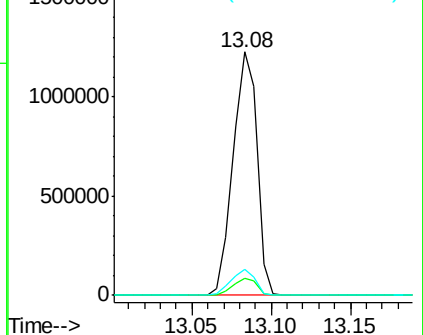
122 10.6 11.0 16.4#



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: 15.68 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF106409.D

Acq: 13 Jun 2018 23:25

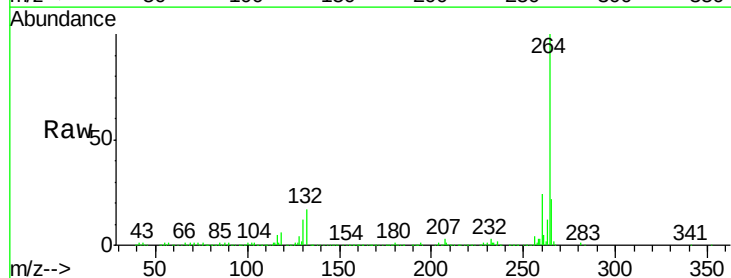
Tgt Ion:264 Resp: 366831

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.7 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

