

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106369.D
 Acq On : 13 Jun 2018 3:32
 Operator : JU/SJ
 Sample : J3164-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 04:44:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	119942	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	404718	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	166327	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	325650	20.00	ng	0.00
75) Chrysene-d12	14.15	240	330933	20.00	ng	0.00
86) Perylene-d12	15.69	264	210696	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	434574	61.32	ng	0.04
7) Phenol-d6	6.64	99	375113	41.90	ng	0.05
23) Nitrobenzene-d5	7.54	82	621401	90.32	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	247757	154.81	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1044420	131.66	ng	0.00
78) Terphenyl-d14	13.09	244	1254586	94.16	ng	0.00

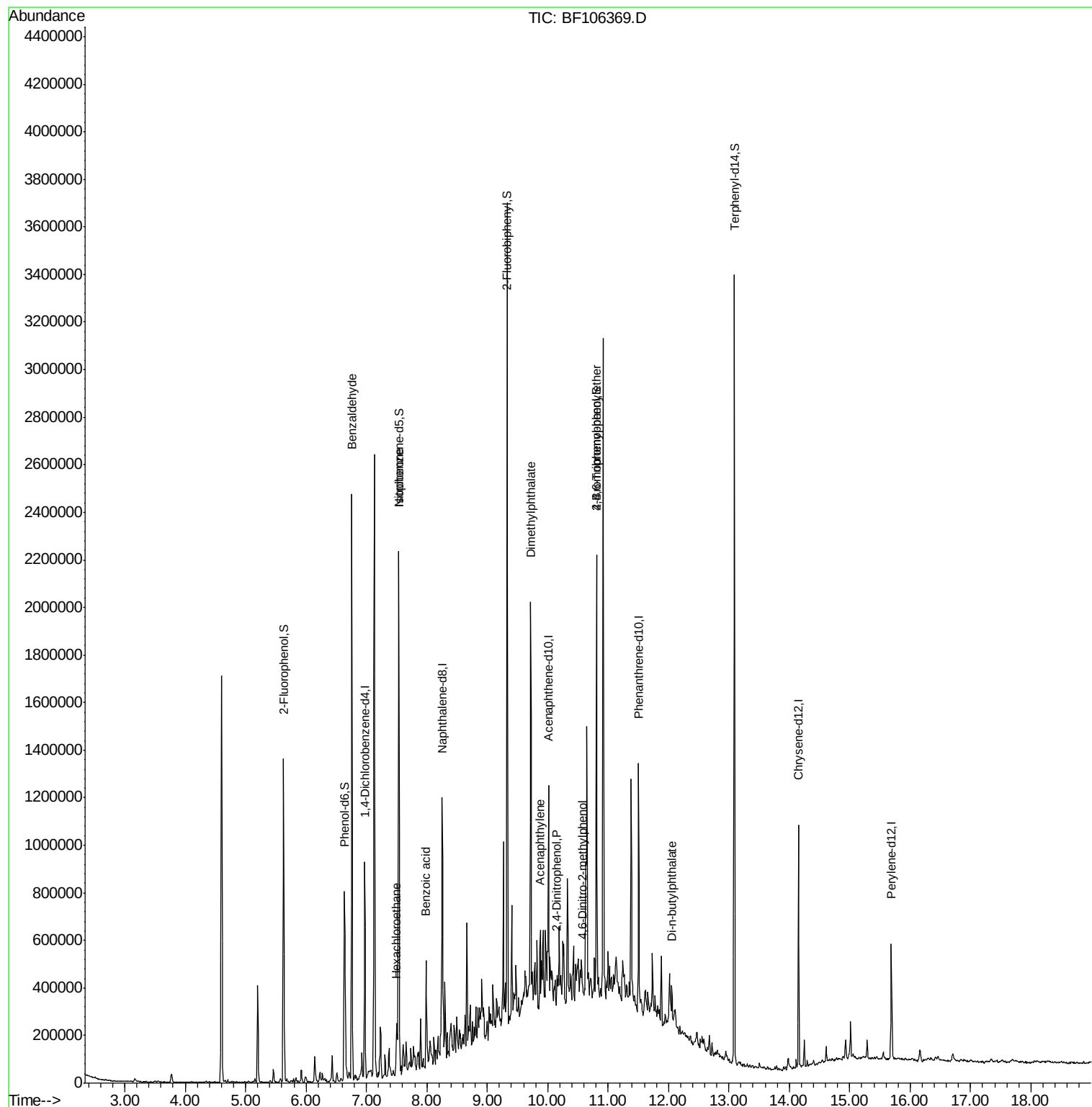
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.76	77	16365	2.410	ng	84
18) Hexachloroethane	7.50	117	13169	4.060	ng	# 7
25) Isophorone	7.54	82	621914	46.282	ng	# 64
32) Benzoic acid	7.98	122	154	7.320	ng	# 1
48) Acenaphthylene	9.88	152	39775	2.521	ng	92
49) Dimethylphthalate	9.72	163	113815	9.578	ng	# 96
53) 2,4-Dinitrophenol	10.16	184	540	9.046	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.58	198	463	6.524	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	16790	4.533	ng	# 1
73) Di-n-butylphthalate	12.05	149	67416	4.107	ng	98

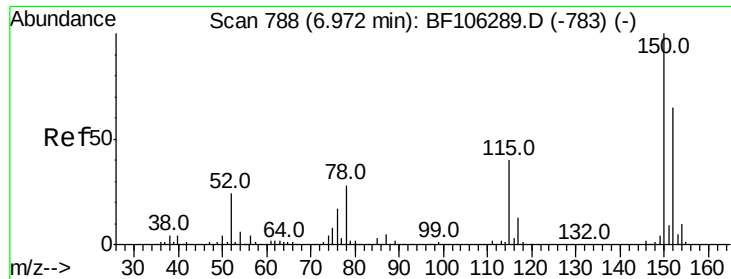
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
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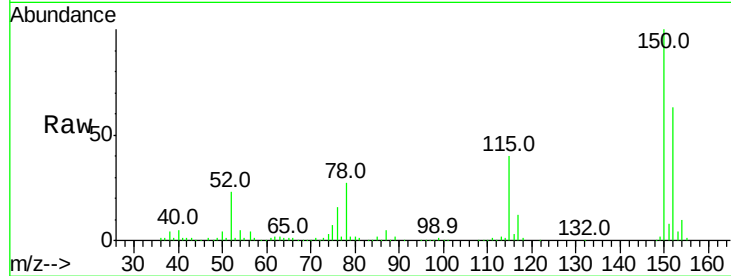


#1

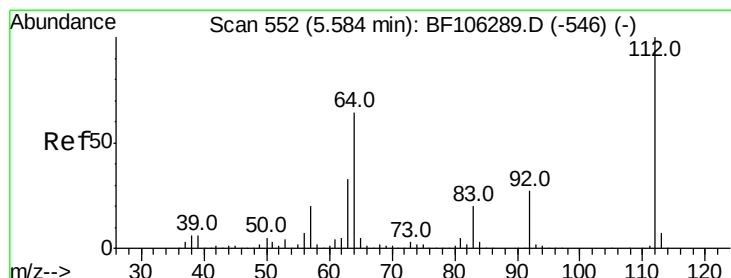
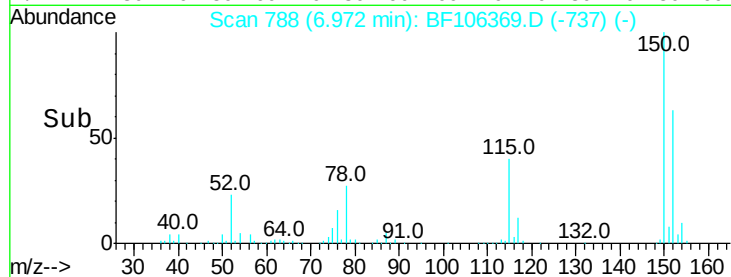
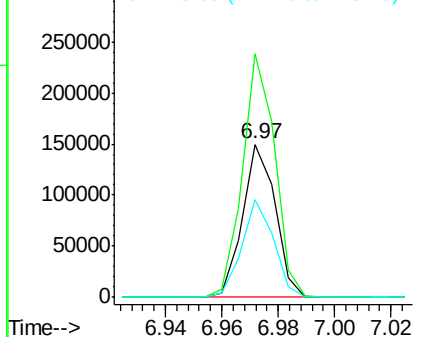
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106369.D
Acq: 13 Jun 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 119942
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 63.9 50.1 75.1



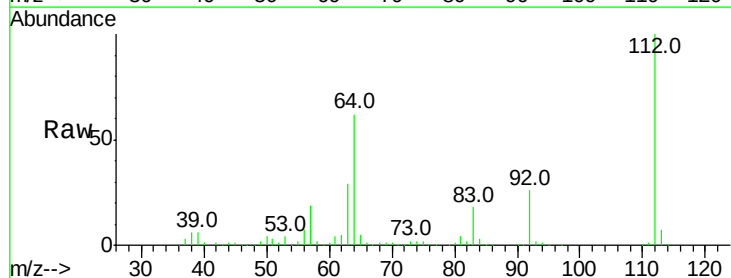
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



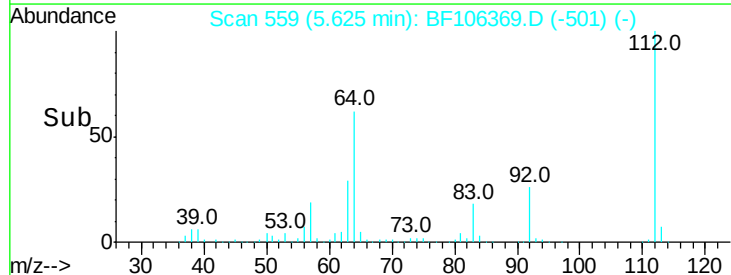
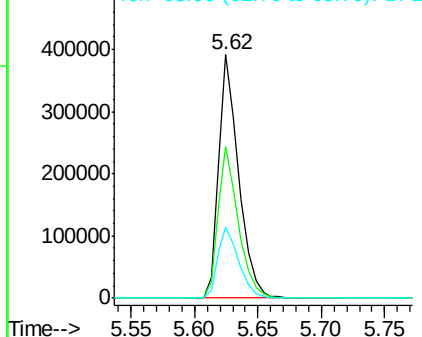
#5

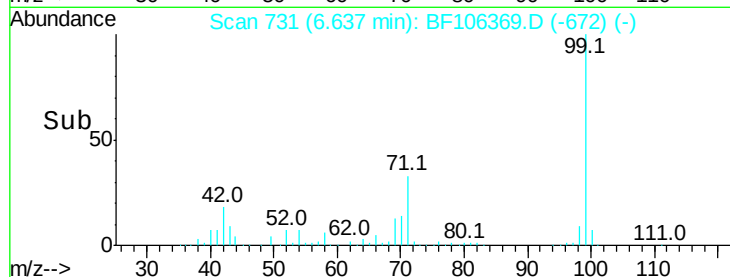
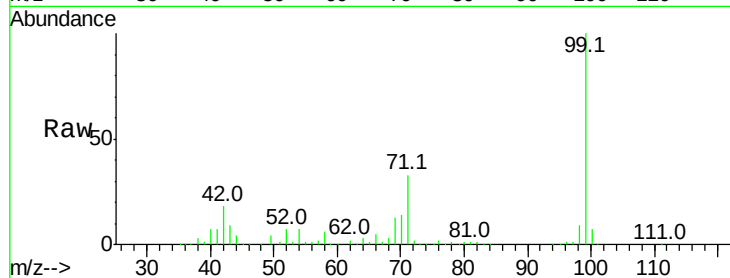
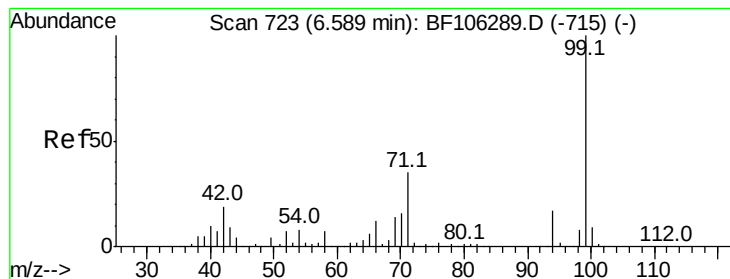
2-Fluorophenol
Concen: 61.323 ng
RT: 5.62 min Scan# 559
Delta R.T. 0.04 min
Lab File: BF106369.D
Acq: 13 Jun 2018 3:32

Tgt Ion:112 Resp: 434574
Ion Ratio Lower Upper
112 100
64 62.0 47.9 71.9
63 29.3 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: 41.896 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.05 min

Lab File: BF106369.D

Acq: 13 Jun 2018 3:32

Instrument :

BNA_F

ClientSampleId :

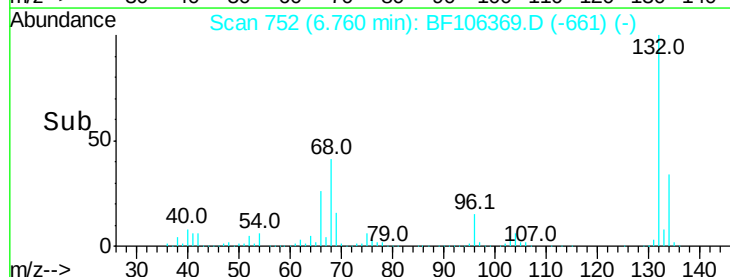
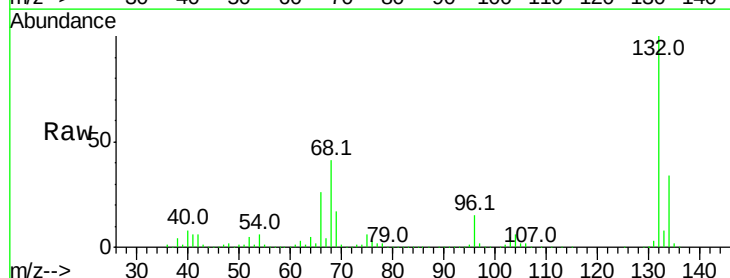
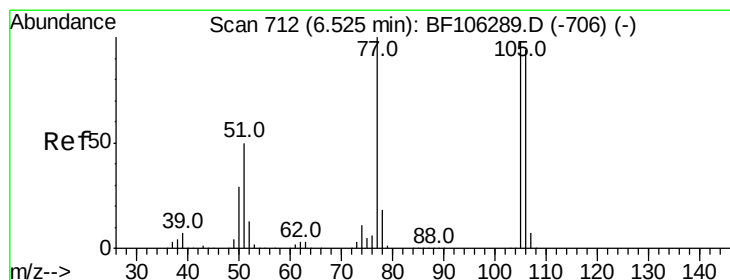
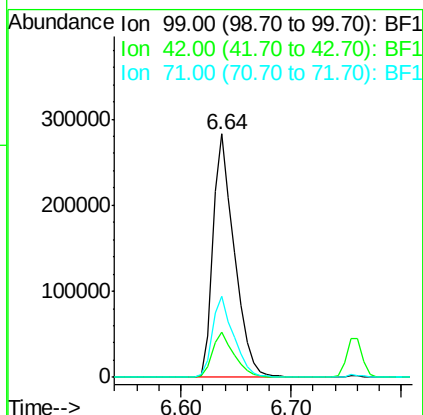
Tot Ion: 99 Resp: 375113

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

71 33.1 25.4 38.0



#9

Benzaldehyde

Concen: 2.410 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.24 min

Lab File: BF106369.D

Acq: 13 Jun 2018 3:32

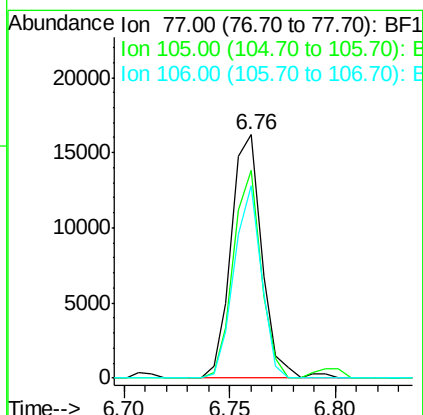
Tgt Ion: 77 Resp: 16365

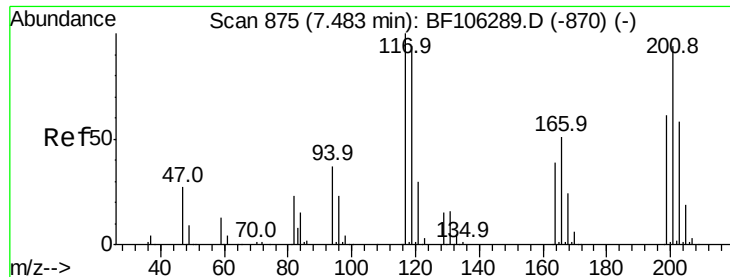
Ion Ratio Lower Upper

77 100

105 85.2 81.1 121.1

106 79.2 74.5 114.5





#18

Hexachloroethane

Concen: 4.060 ng

RT: 7.50 min Scan# 878

Delta R.T. 0.02 min

Lab File: BF106369.D

Acq: 13 Jun 2018 3:32

Instrument :

BNA_F

ClientSampleId :

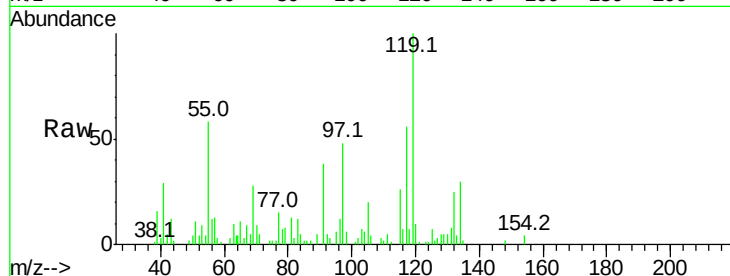
Tot Ion:117 Resp: 13169

Ion Ratio Lower Upper

117 100

119 179.9 75.8 113.8#

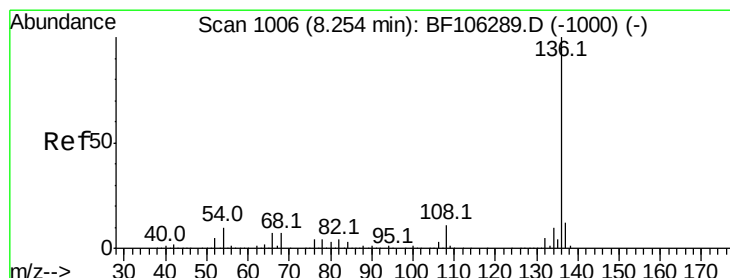
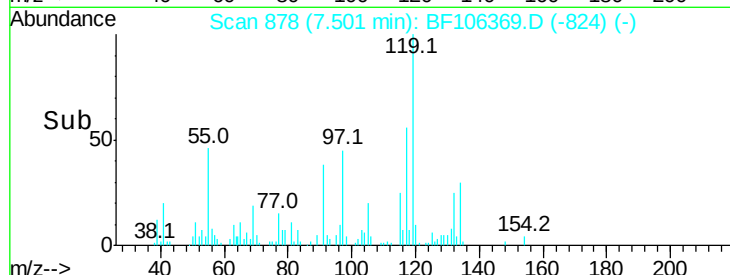
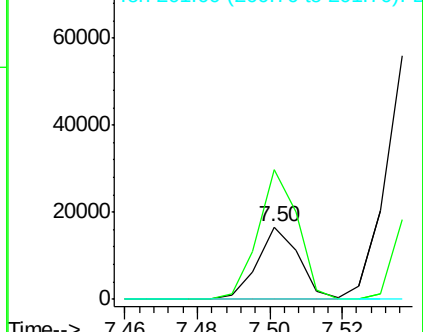
201 0.0 75.7 113.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF106369.D

Acq: 13 Jun 2018 3:32

Tgt Ion:136 Resp: 404718

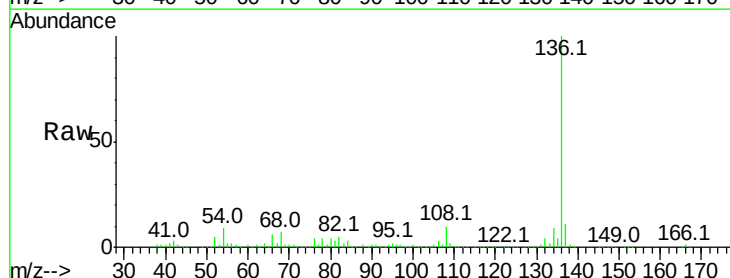
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.2 6.6 9.8

68 7.3 5.0 7.4

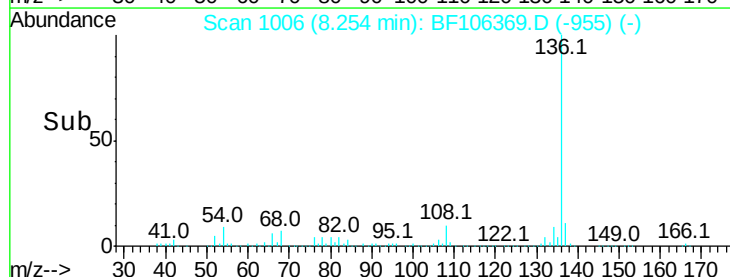
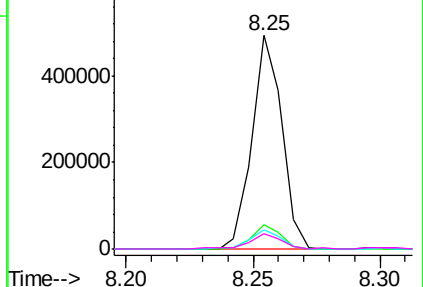


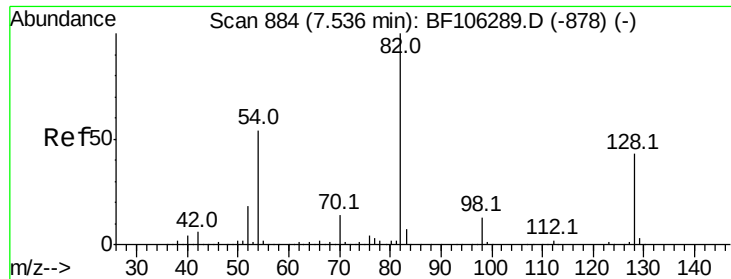
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

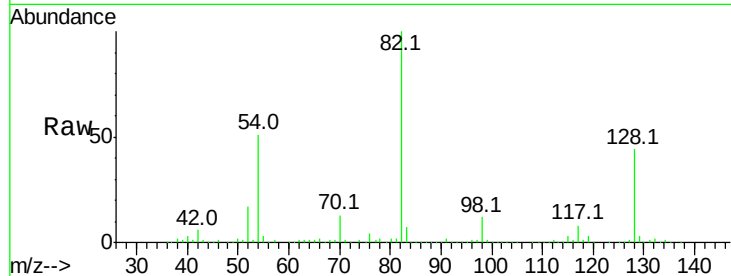




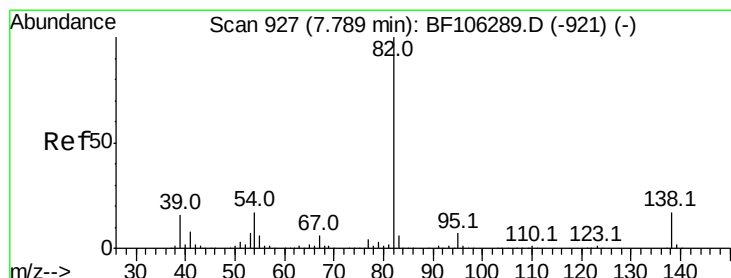
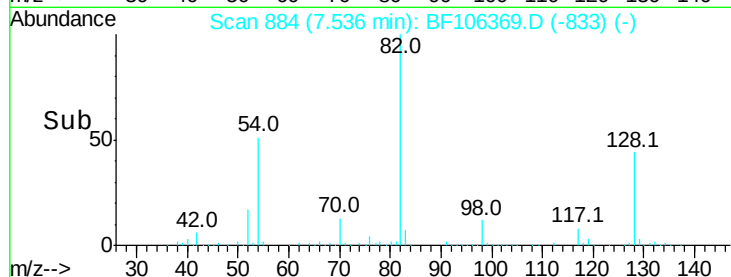
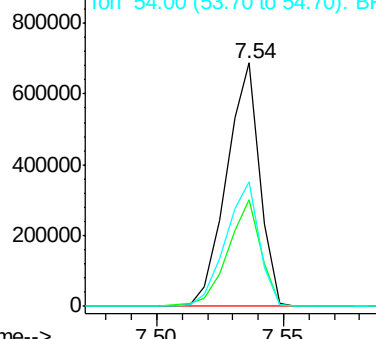
#23
Nitrobenzene-d5
Concen: 90.325 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF106369.D
Acq: 13 Jun 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 621401
Ion Ratio Lower Upper
82 100
128 44.0 36.1 54.1
54 51.4 41.4 62.2

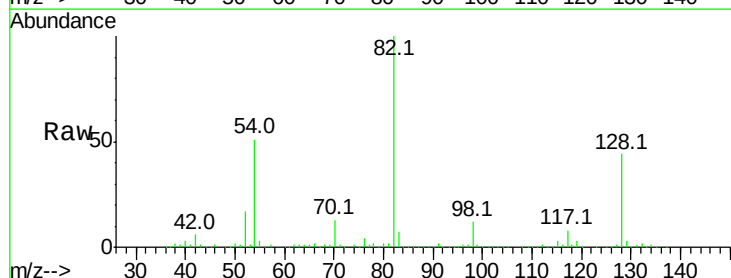


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

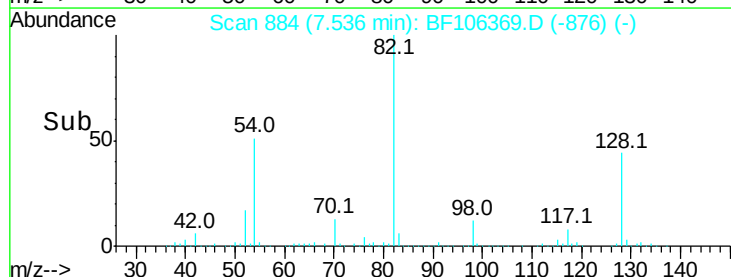
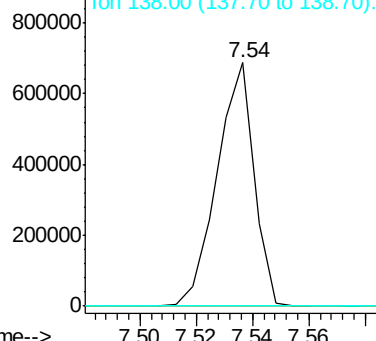


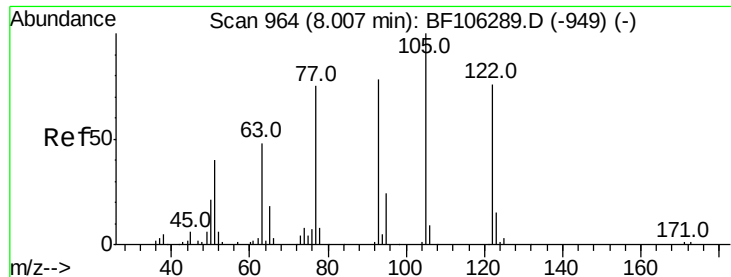
#25
Isophorone
Concen: 46.282 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.25 min
Lab File: BF106369.D
Acq: 13 Jun 2018 3:32

Tgt Ion: 82 Resp: 621914
Ion Ratio Lower Upper
82 100
95 0.2 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

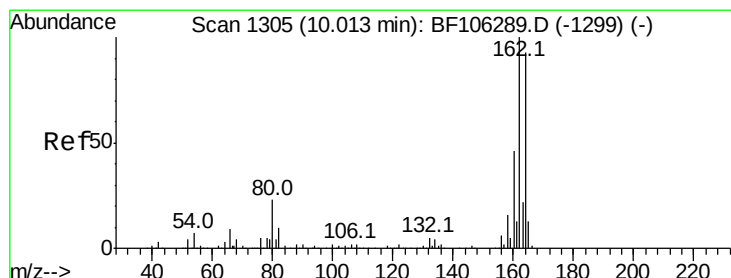
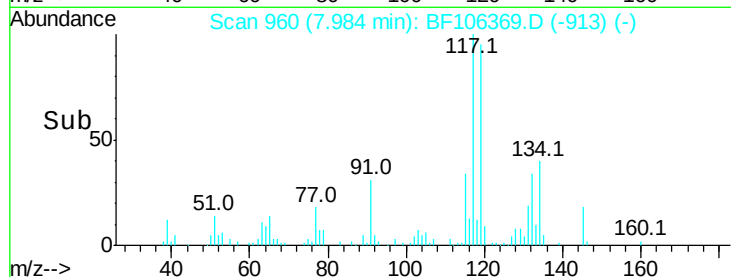
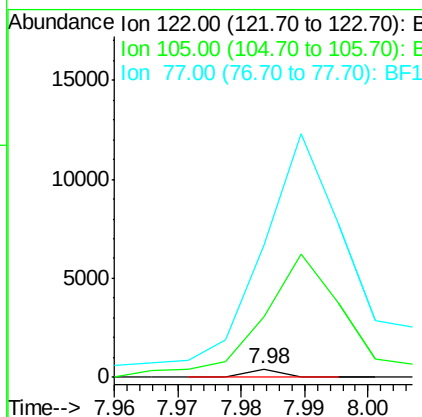
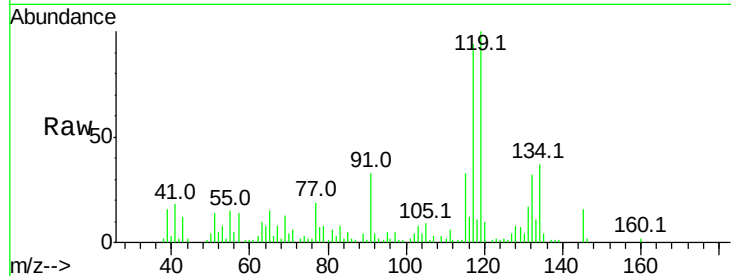




#32
Benzoic acid
Concen: 7.320 ng
RT: 7.98 min Scan# 960
Delta R.T. -0.02 min
Lab File: BF106369.D
Acq: 13 Jun 2018 3:32

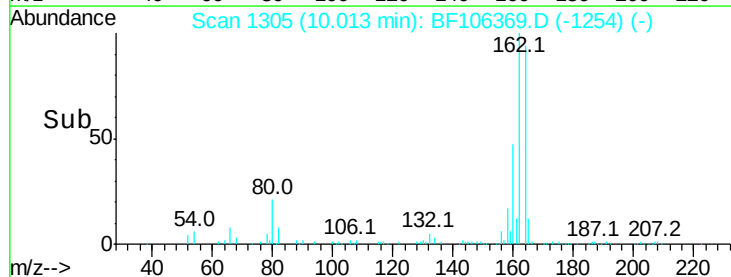
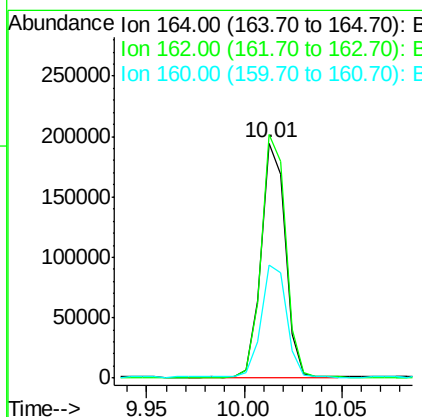
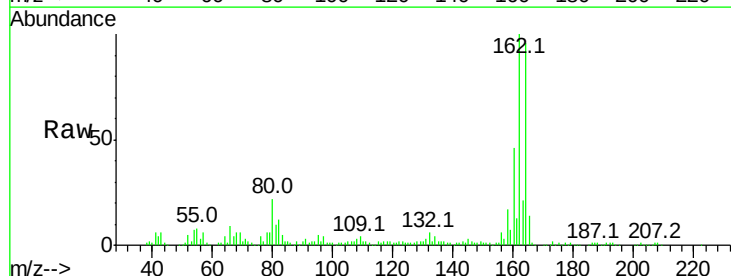
Instrument :
BNA_F
ClientSampleId :

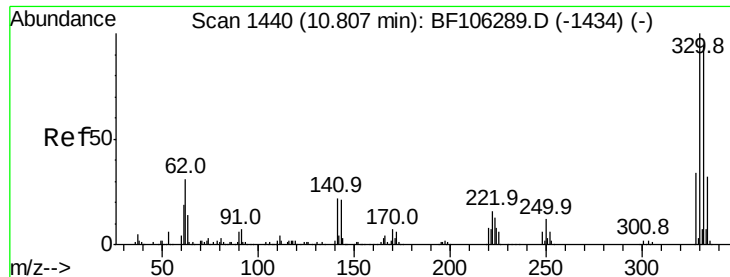
Tot Ion:122 Resp: 154
Ion Ratio Lower Upper
122 100
105 708.9 101.1 141.1#
77 1534.6 70.7 110.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106369.D
Acq: 13 Jun 2018 3:32

Tgt Ion:164 Resp: 166327
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 48.0 38.3 57.5

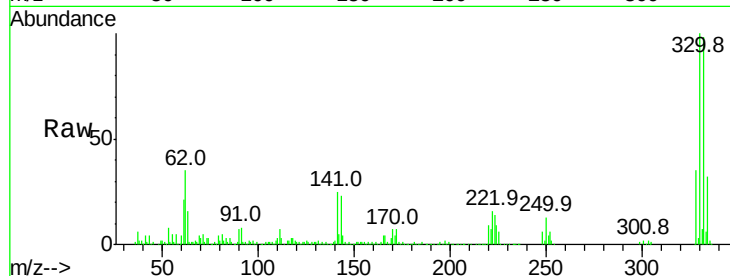




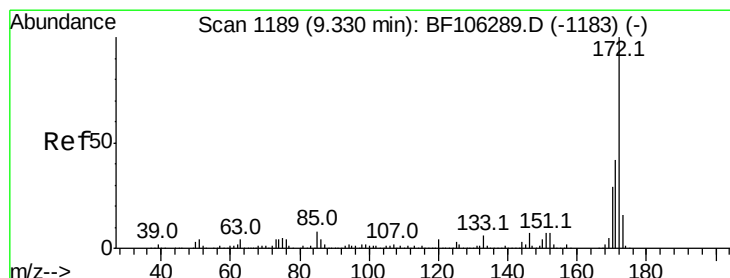
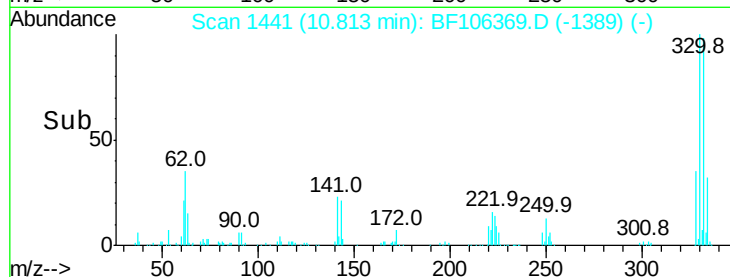
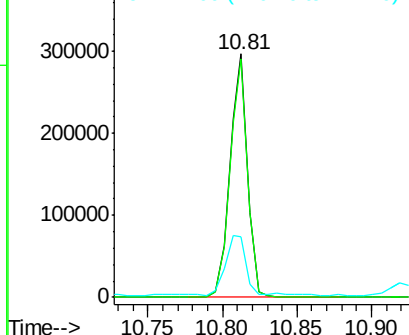
#41
 2,4,6-Tribromophenol
 Concen: 154.814 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF106369.D
 Acq: 13 Jun 2018 3:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	27.4	29.9	44.9#

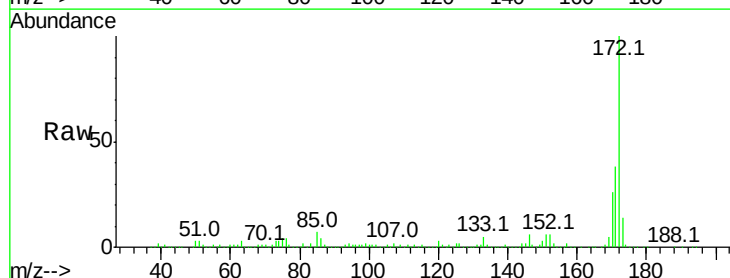


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

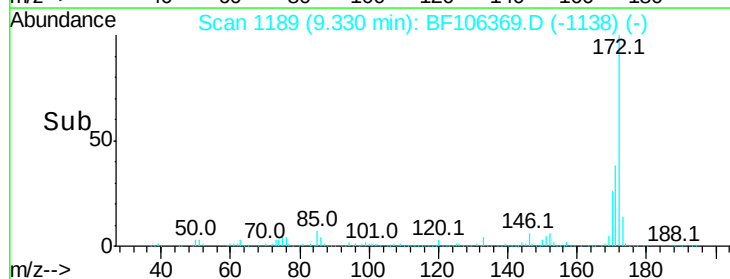
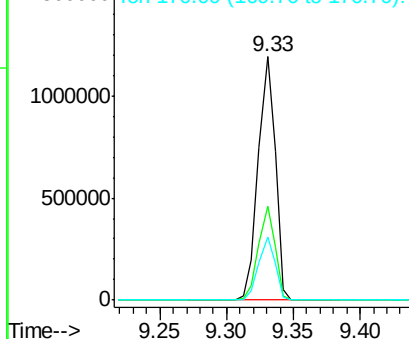


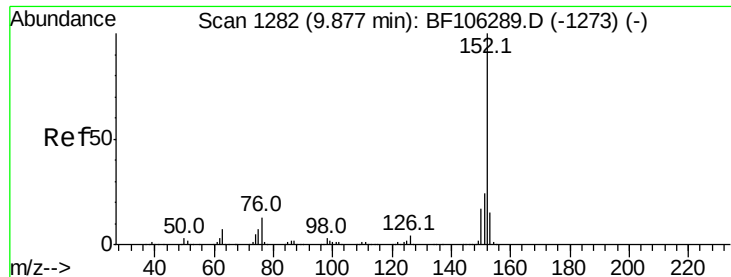
#44
 2-Fluorobiphenyl
 Concen: 131.665 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106369.D
 Acq: 13 Jun 2018 3:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.7	44.5
170	25.7	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

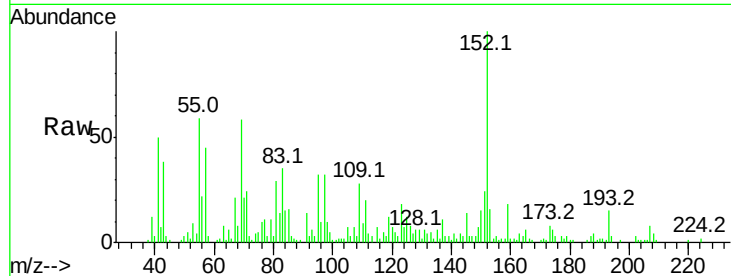




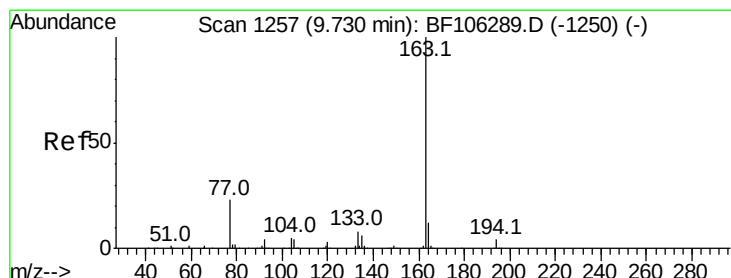
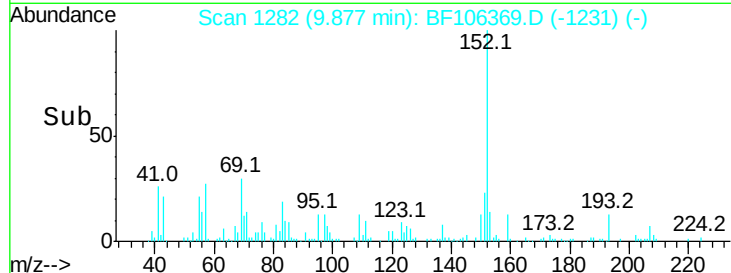
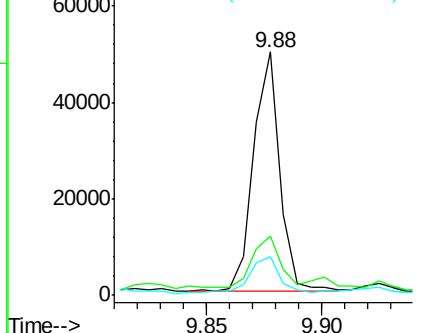
#48
Acenaphthylene
Concen: 2.521 ng
RT: 9.88 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF106369.D
Acq: 13 Jun 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 39775
Ion Ratio Lower Upper
152 100
151 24.4 16.3 24.5
153 15.9 10.7 16.1

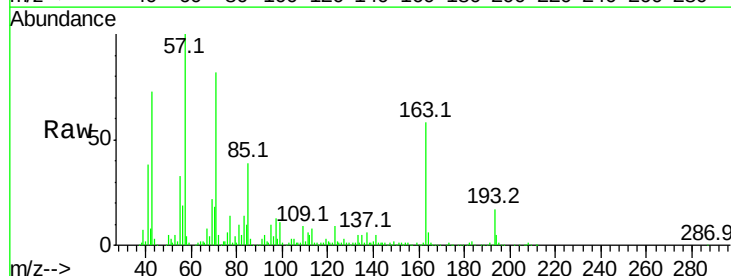


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

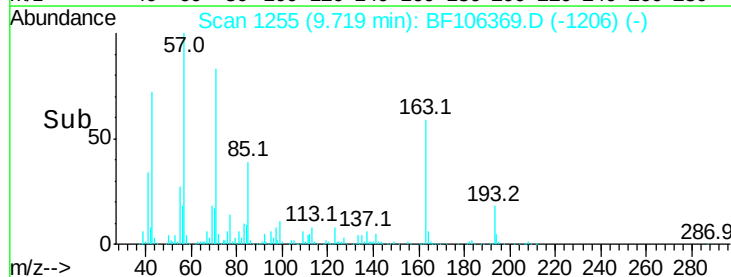
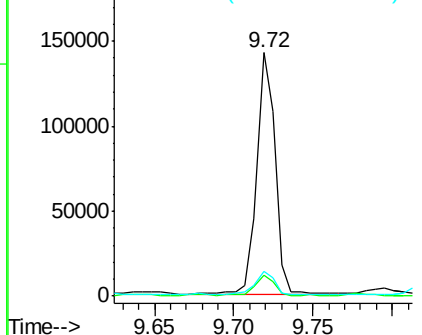


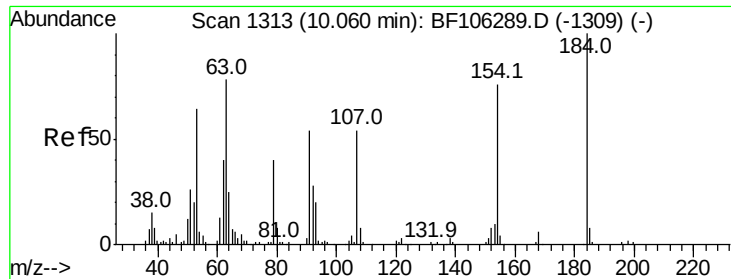
#49
Dimethylphthalate
Concen: 9.578 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106369.D
Acq: 13 Jun 2018 3:32

Tgt Ion:163 Resp: 113815
Ion Ratio Lower Upper
163 100
194 8.8 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

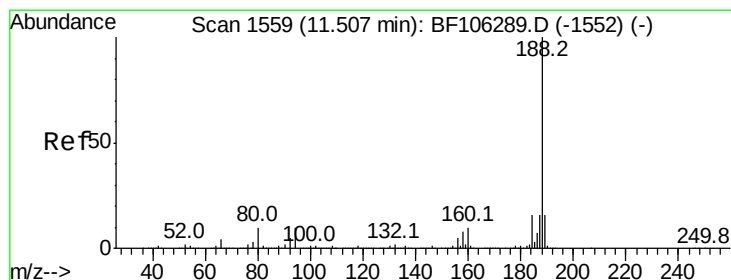
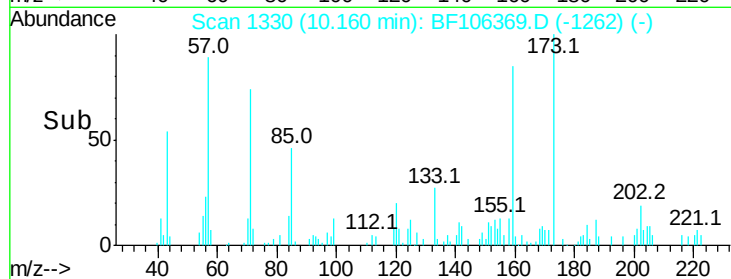
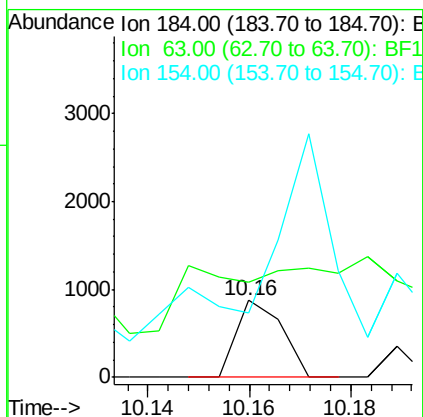
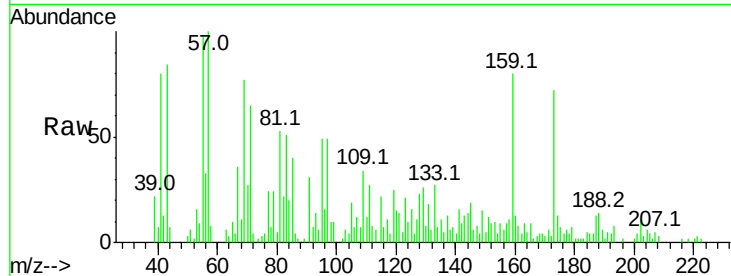




#53
2,4-Dinitrophenol
Concen: 9.046 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.10 min
Lab File: BF106369.D
Acq: 13 Jun 2018 3:32

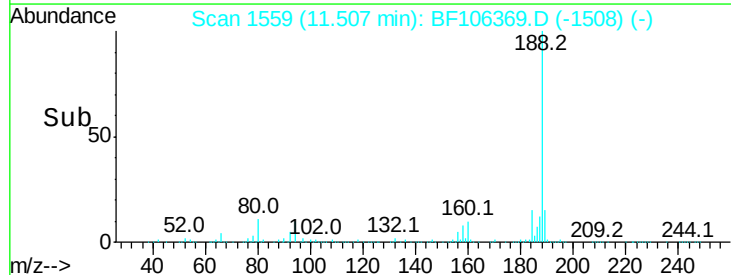
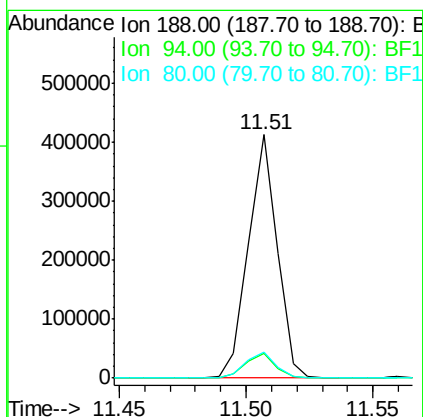
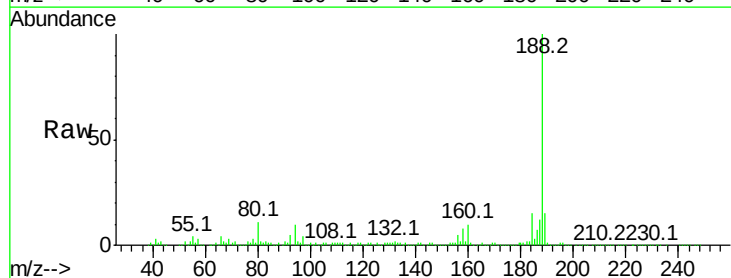
Instrument :
BNA_F
ClientSampleId :

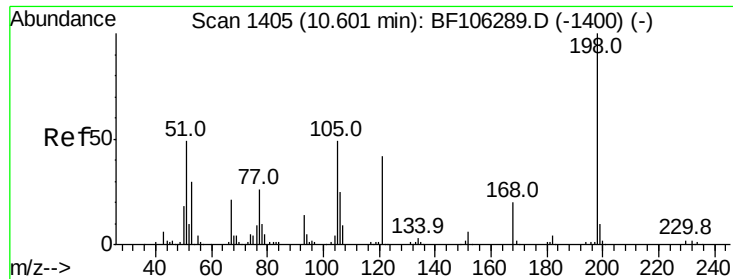
Tot Ion:184 Resp: 540
Ion Ratio Lower Upper
184 100
63 123.2 54.2 81.2#
154 83.4 184.0 276.0#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF106369.D
Acq: 13 Jun 2018 3:32

Tgt Ion:188 Resp: 325650
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.8 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 6.524 ng

RT: 10.58 min Scan# 1402

Delta R.T. -0.02 min

Lab File: BF106369.D

Acq: 13 Jun 2018 3:32

Instrument :

BNA_F

ClientSampleId :

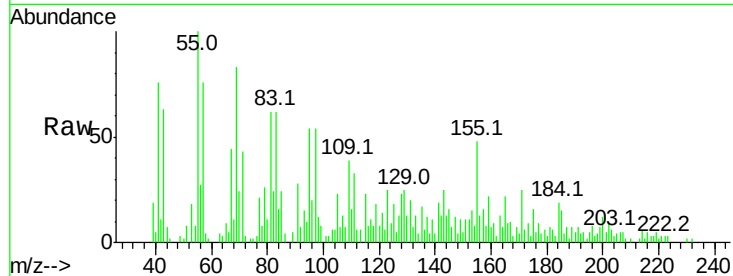
Tot Ion:198 Resp: 463

Ion Ratio Lower Upper

198 100

51 215.5 37.7 77.7#

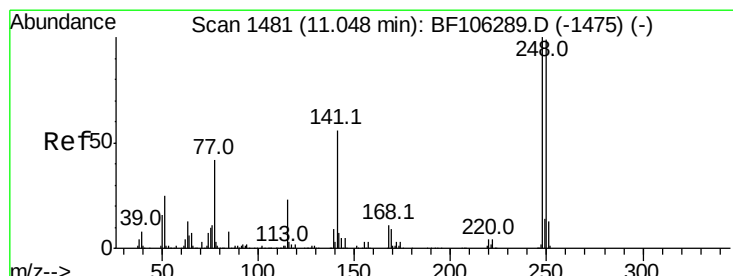
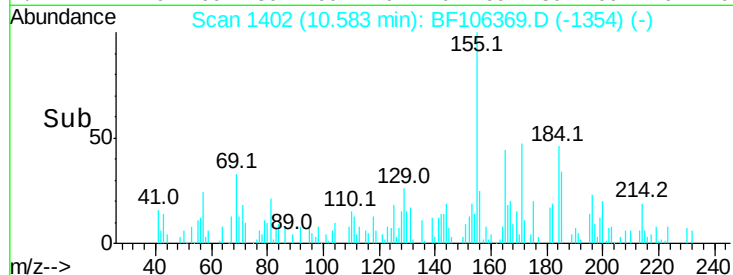
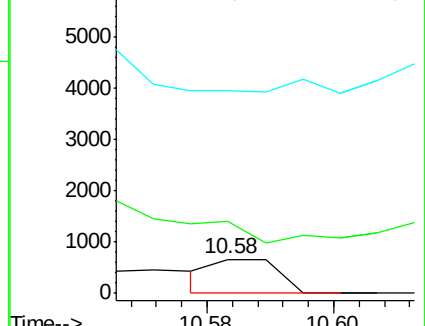
105 600.9 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.533 ng

RT: 10.81 min Scan# 1441

Delta R.T. -0.24 min

Lab File: BF106369.D

Acq: 13 Jun 2018 3:32

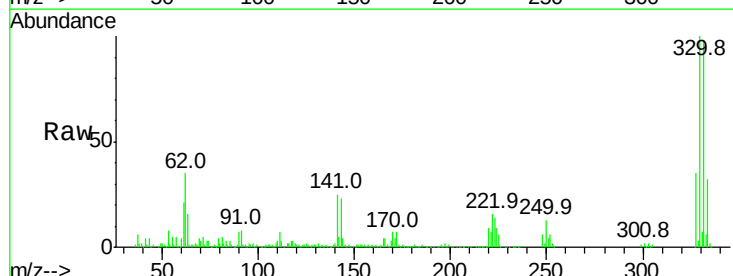
Tgt Ion:248 Resp: 16790

Ion Ratio Lower Upper

248 100

250 201.0 76.9 115.3#

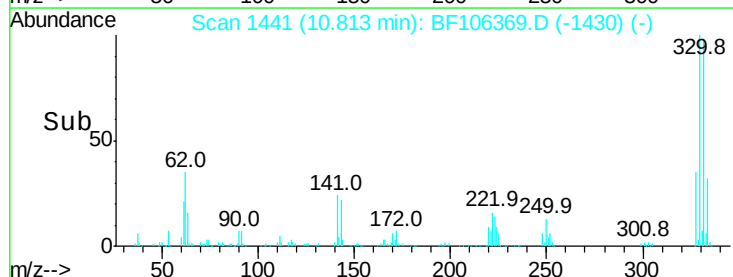
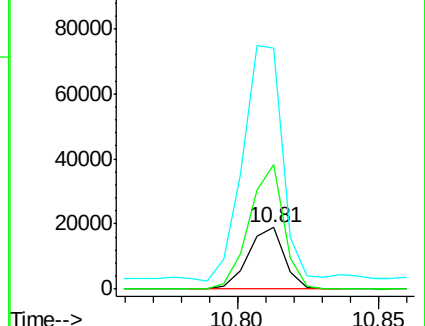
141 390.9 74.4 111.6#

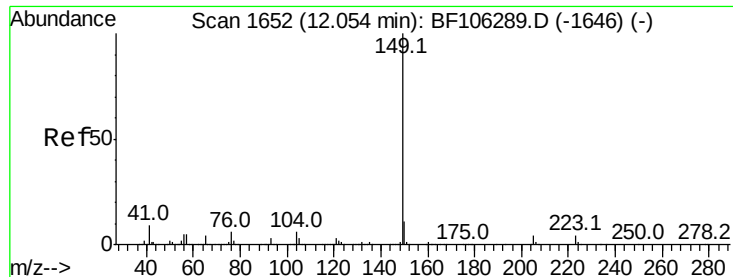


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

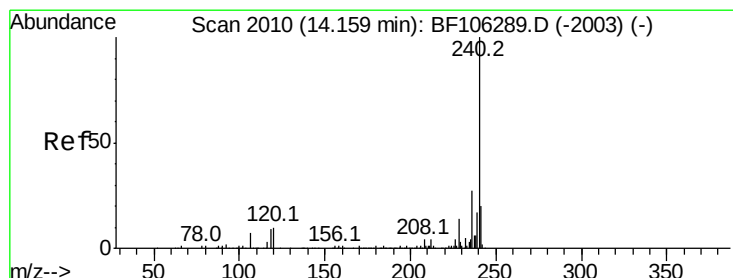
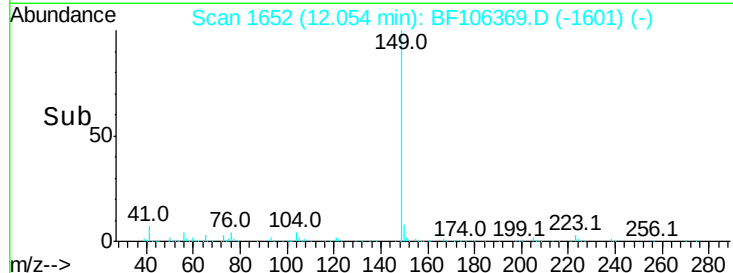
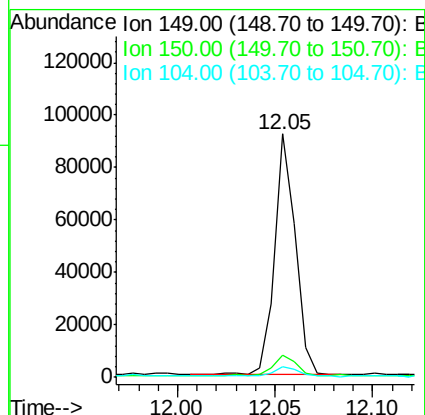
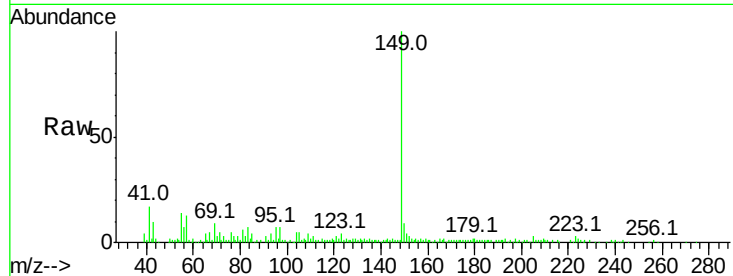




#73
Di-n-butylphthalate
Concen: 4.107 ng
RT: 12.05 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BF106369.D
Acq: 13 Jun 2018 3:32

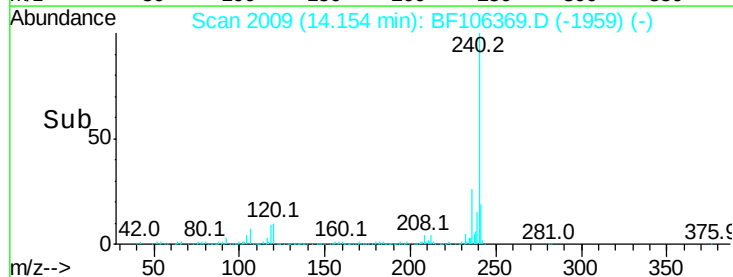
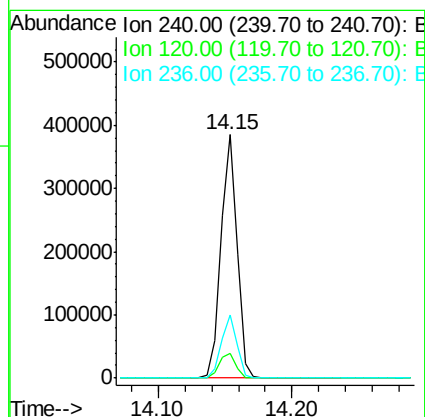
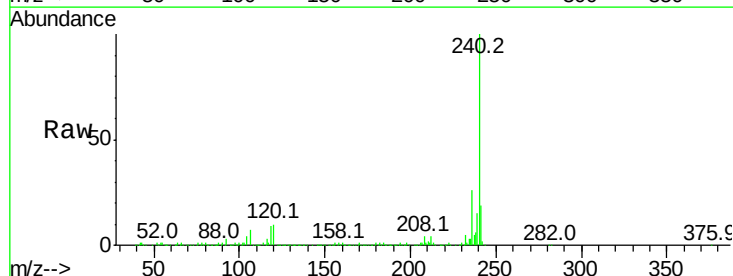
Instrument :
BNA_F
ClientSampleId :

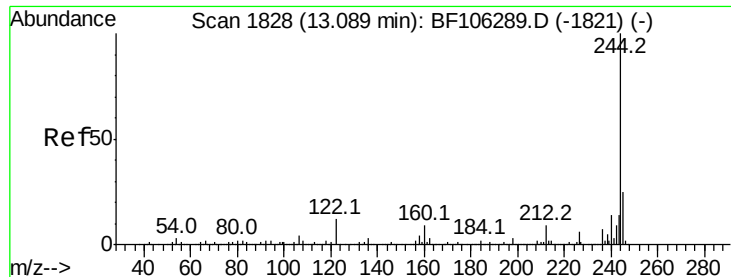
Tot Ion:149 Resp: 67416
Ion Ratio Lower Upper
149 100
150 8.9 7.8 11.6
104 4.6 3.8 5.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF106369.D
Acq: 13 Jun 2018 3:32

Tgt Ion:240 Resp: 330933
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 94.162 ng

RT: 13.09 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF106369.D

Acq: 13 Jun 2018 3:32

Instrument :

BNA_F

ClientSampleId :

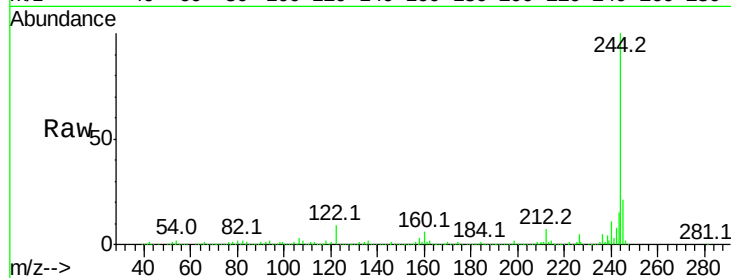
Tot Ion:244 Resp: 1254586

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

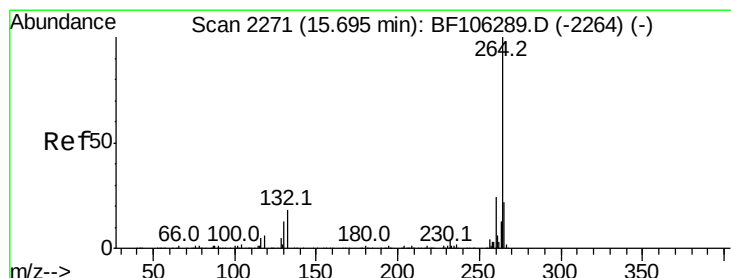
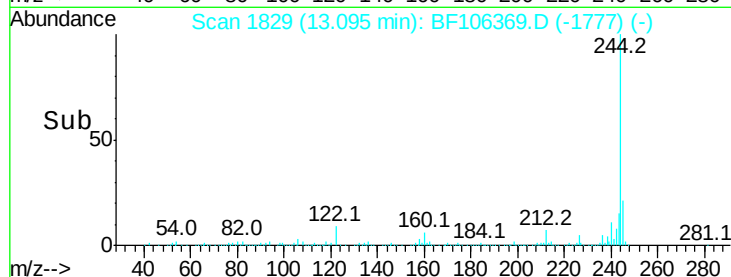
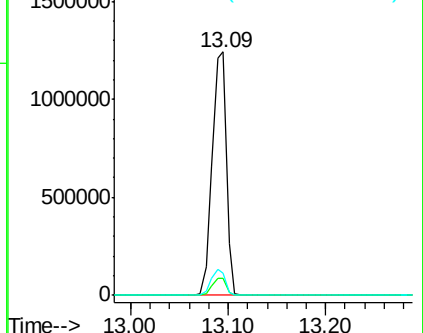
122 9.3 11.0 16.4#



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: 15.69 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF106369.D

Acq: 13 Jun 2018 3:32

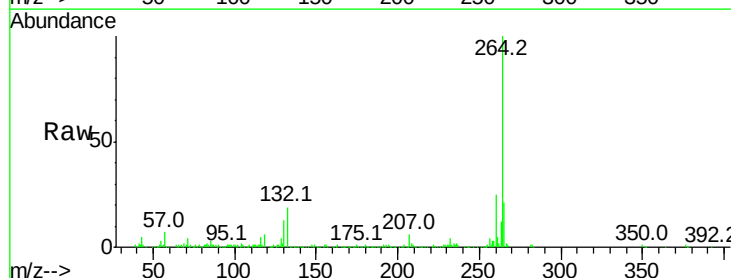
Tgt Ion:264 Resp: 210696

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.3 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

