

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102744.D
 Acq On : 5 Feb 2018 18:06
 Operator : SJ/JU
 Sample : J1453-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-2

Quant Time: Feb 06 01:18:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

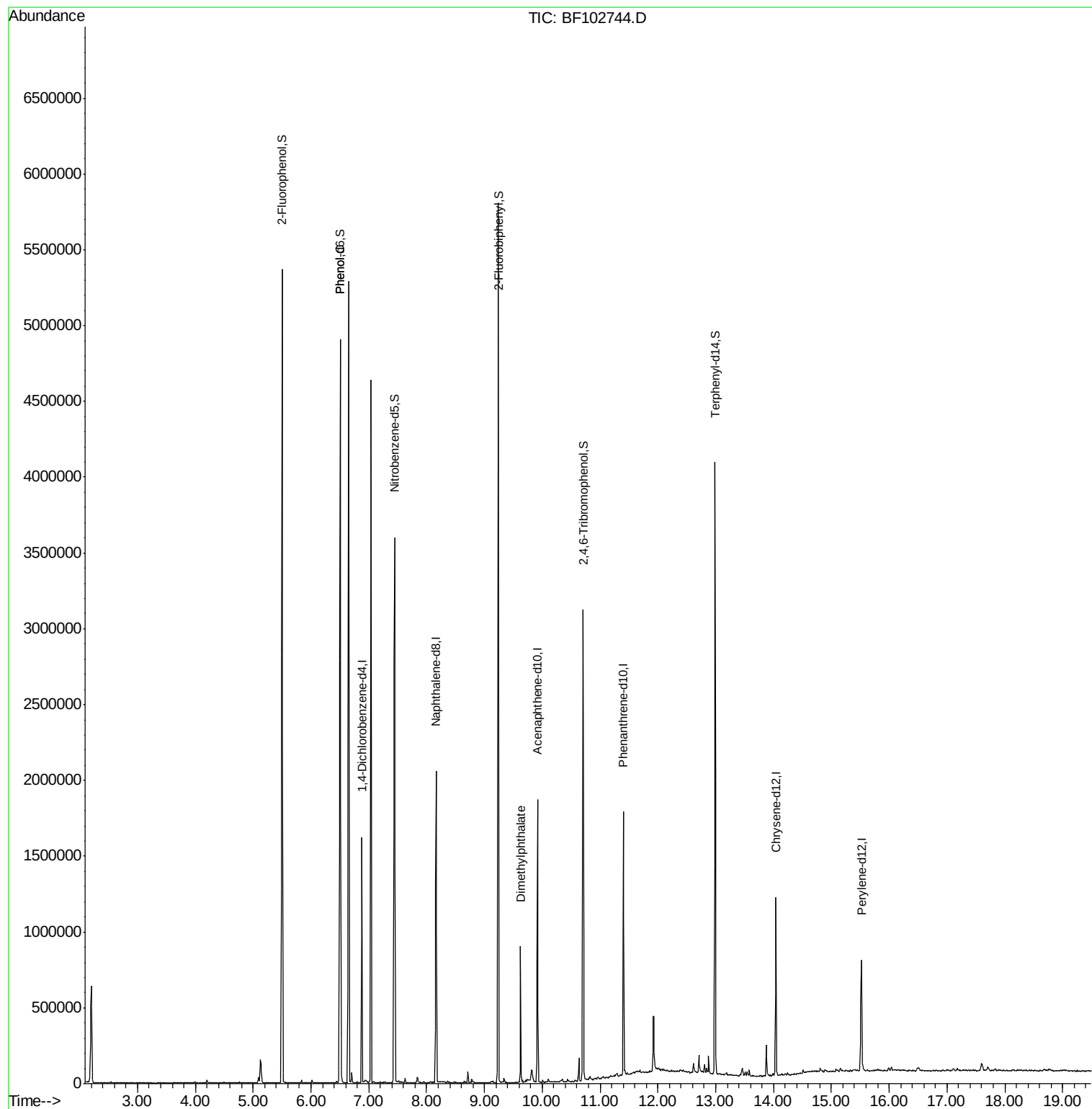
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	205997	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	847874	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	369591	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	561872	20.00	ng	0.00
75) Chrysene-d12	14.04	240	359215	20.00	ng	-0.01
86) Perylene-d12	15.52	264	327993	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1621839	119.57	ng	0.01
7) Phenol-d6	6.51	99	1886463	115.50	ng	0.00
23) Nitrobenzene-d5	7.45	82	1192312	97.55	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	361926	121.66	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1879964	84.40	ng	0.00
78) Terphenyl-d14	12.99	244	1327098	87.48	ng	0.00
Target Compounds						
10) Phenol	6.52	94	82179	4.695	ng	Qvalue # 70
49) Dimethylphthalate	9.63	163	311869	10.822	ng	99

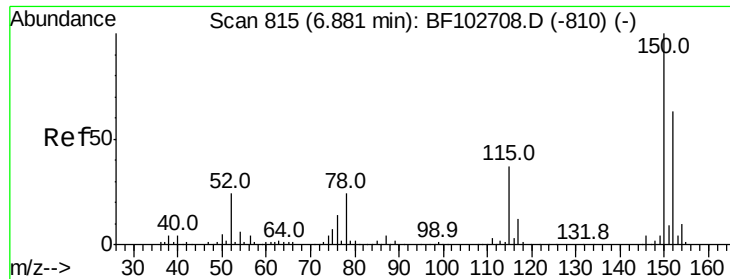
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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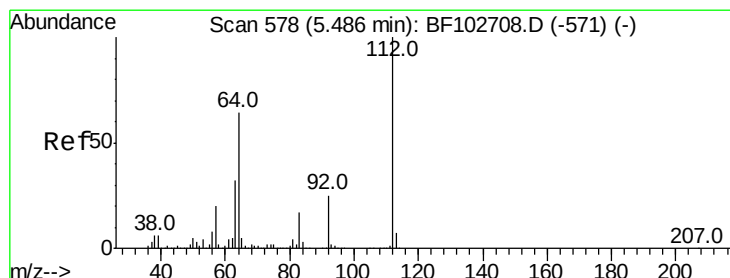
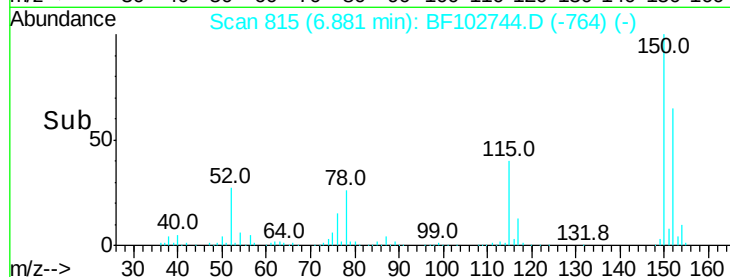
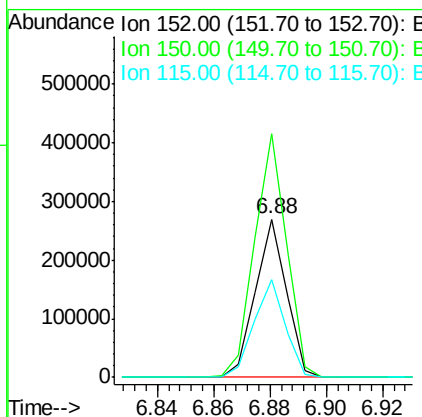
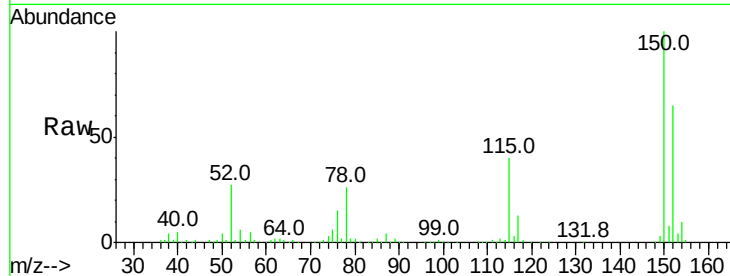


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102744.D
Acq: 5 Feb 2018 18:06

Instrument :
BNA_F
ClientSampleId :
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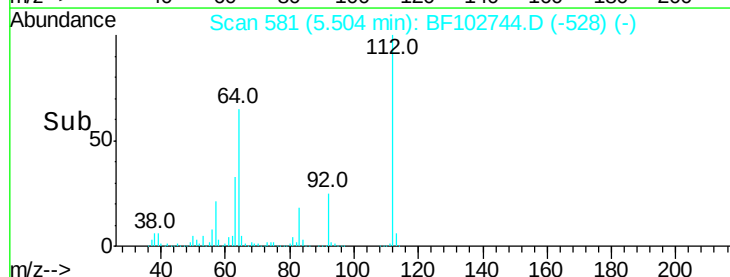
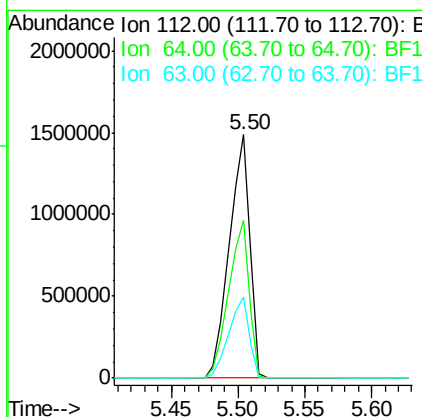
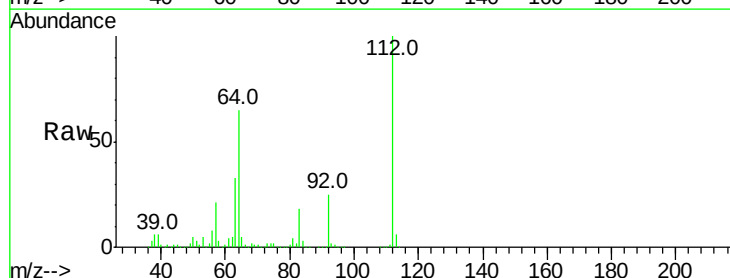
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	62.3	50.1	75.1

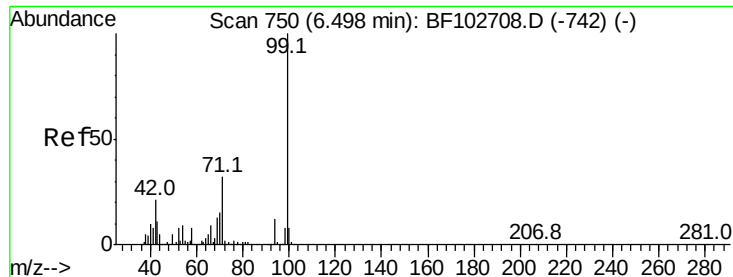


#5

2-Fluorophenol
Concen: 119.566 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102744.D
Acq: 5 Feb 2018 18:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	47.9	71.9
63	33.2	23.7	35.5





#7

Phenol-d6

Concen: 115.504 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102744.D

Acq: 5 Feb 2018 18:06

Instrument :

BNA_F

ClientSampleId :

P-2

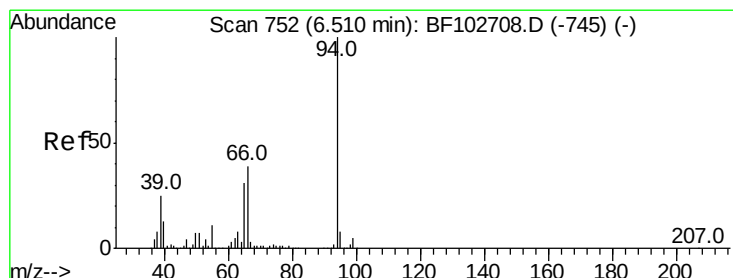
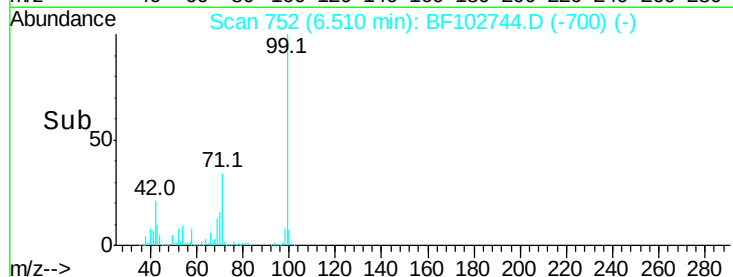
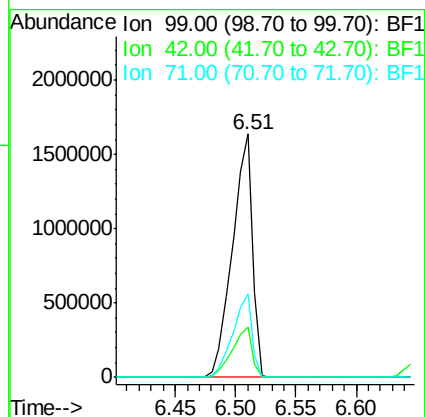
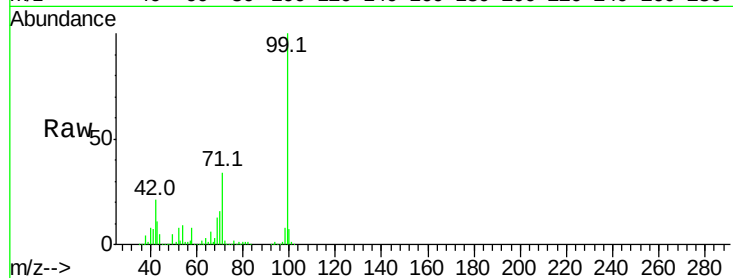
Tot Ion: 99 Resp: 1886463

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

71 34.4 25.4 38.0



#10

Phenol

Concen: 4.695 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF102744.D

Acq: 5 Feb 2018 18:06

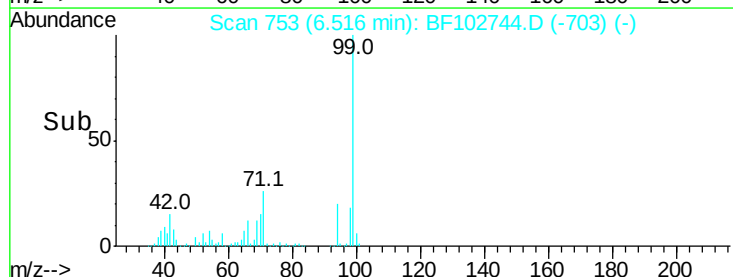
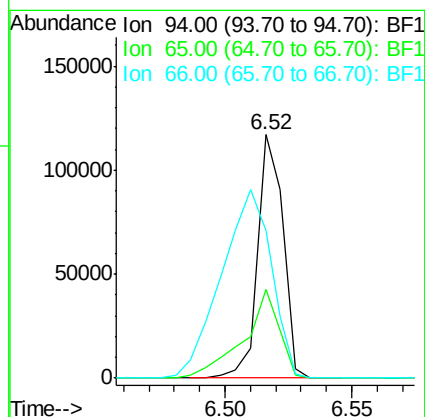
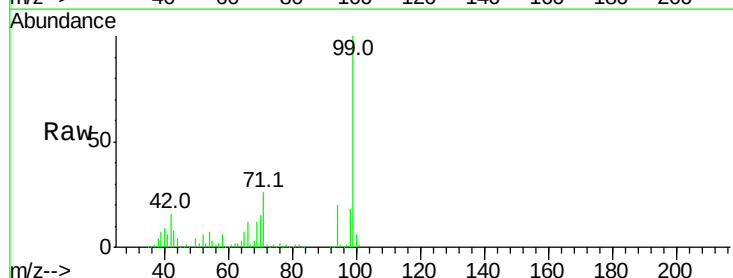
Tgt Ion: 94 Resp: 82179

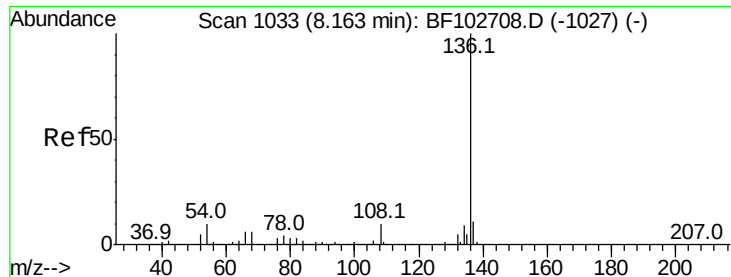
Ion Ratio Lower Upper

94 100

65 36.3 7.9 47.9

66 60.6 16.2 56.2#

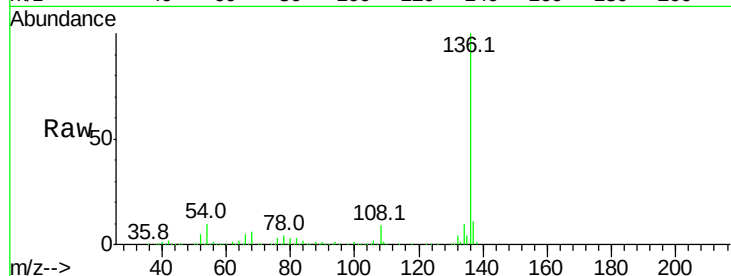




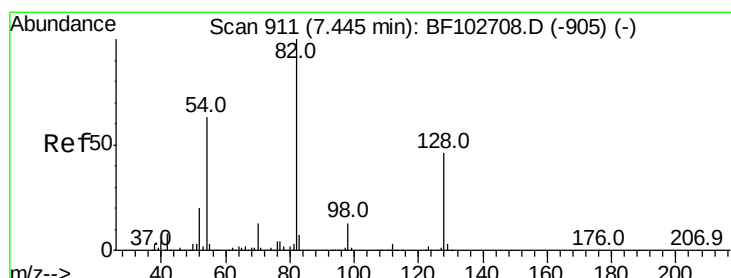
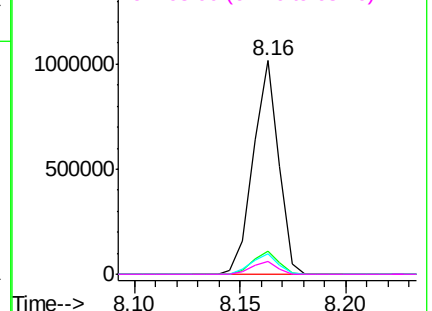
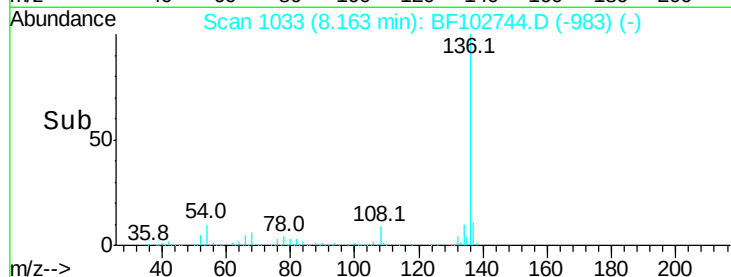
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102744.D
Acq: 5 Feb 2018 18:06

Instrument :
BNA_F
ClientSampleId :
P-2

Tot Ion:136	Resp:	847874
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.9	13.3
54 9.8	6.6	9.8
68 6.3	5.0	7.4

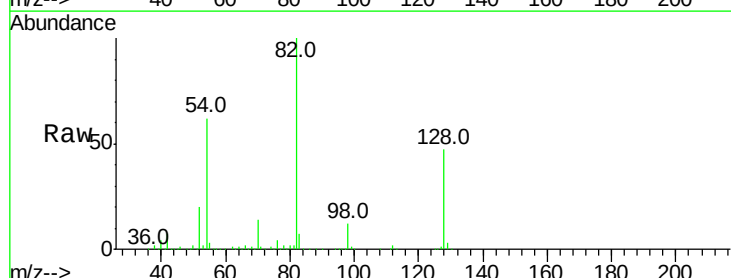


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

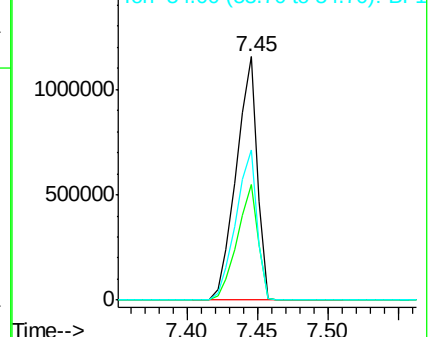
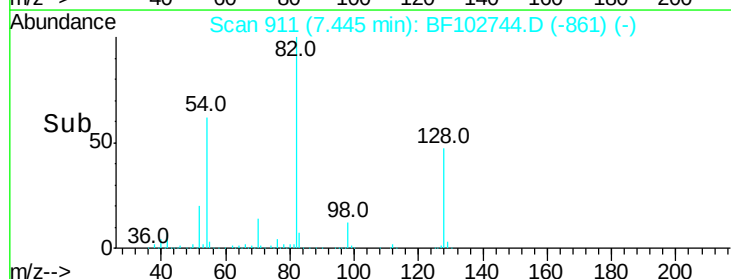


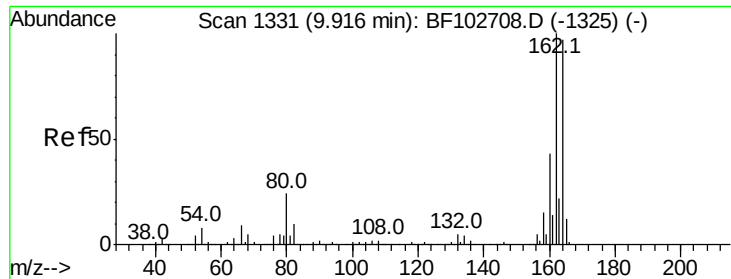
#23
Nitrobenzene-d5
Concen: 97.552 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102744.D
Acq: 5 Feb 2018 18:06

Tgt Ion: 82	Resp: 1192312
Ion Ratio	Lower Upper
82 100	
128 47.4	36.1 54.1
54 61.9	41.4 62.2



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

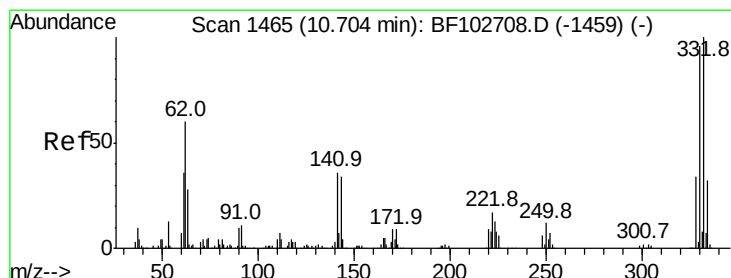
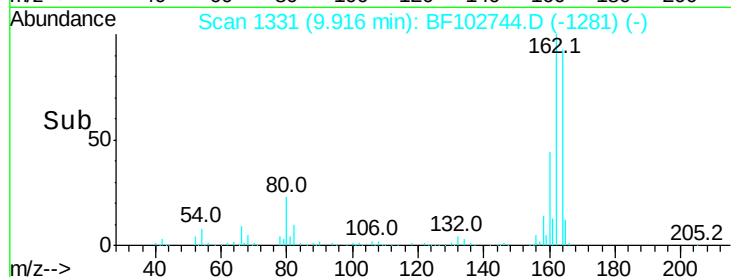
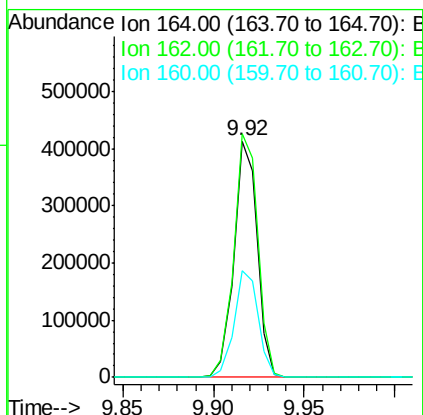
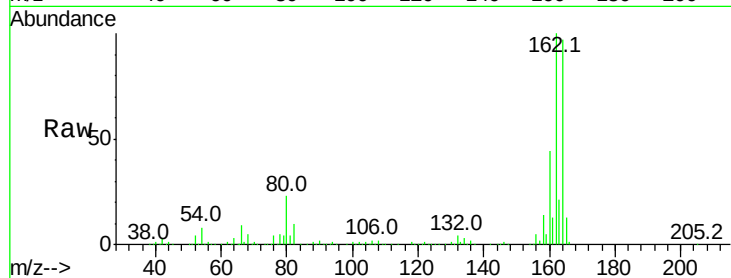




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF102744.D
 Acq: 5 Feb 2018 18:06

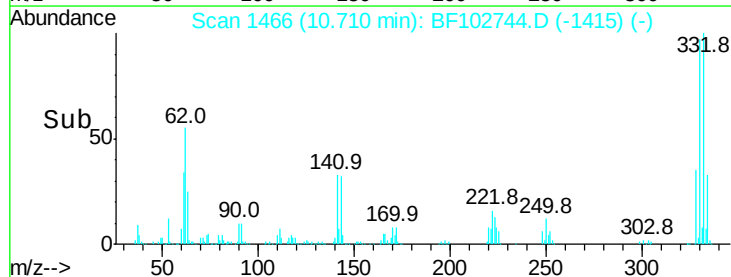
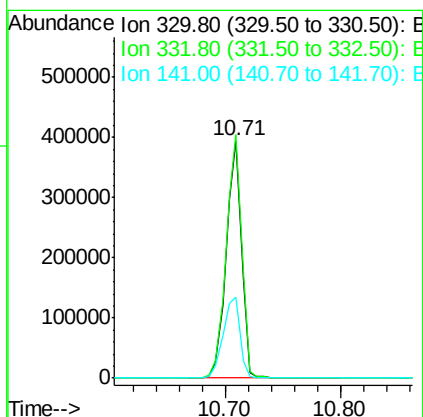
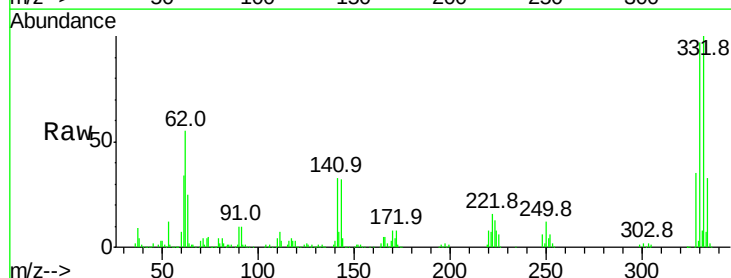
Instrument :
 BNA_F
 ClientSampleId :
 P-2

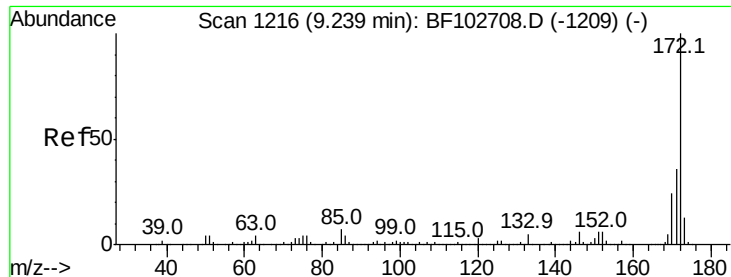
Tot Ion:164 Resp: 369591
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 45.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 121.665 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF102744.D
 Acq: 5 Feb 2018 18:06

Tgt Ion:330 Resp: 361926
 Ion Ratio Lower Upper
 330 100
 332 103.9 77.0 115.6
 141 37.9 29.9 44.9

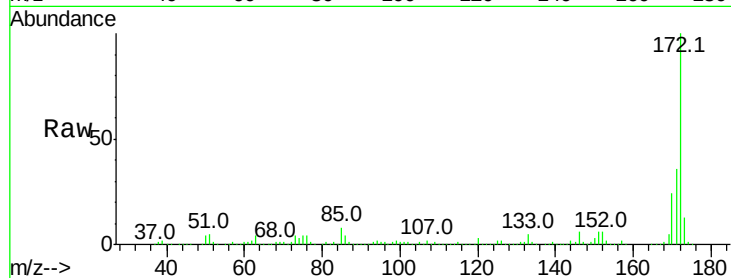




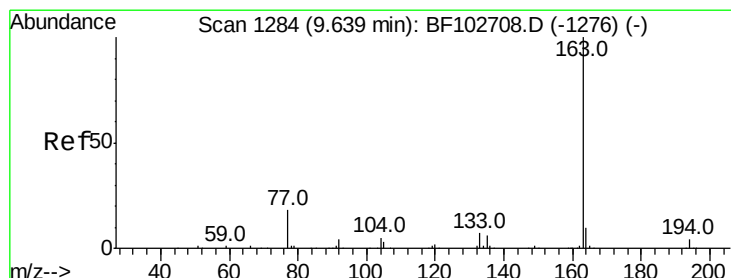
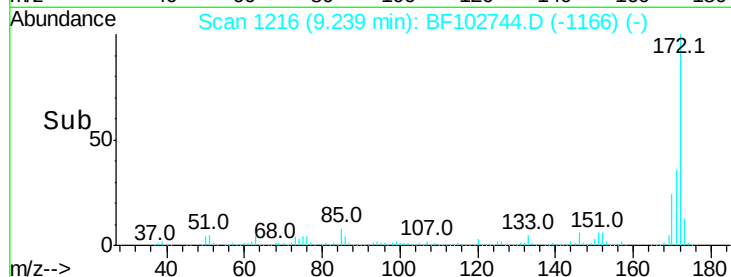
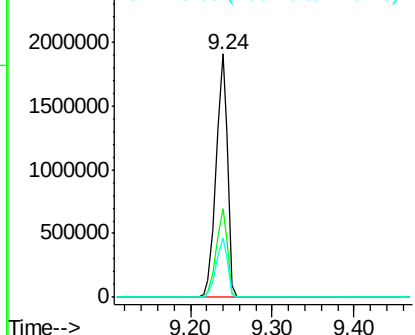
#44
2-Fluorobiphenyl
Concen: 84.405 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102744.D
Acq: 5 Feb 2018 18:06

Instrument :
BNA_F
ClientSampleId :
P-2

Tot Ion:172 Resp: 1879964
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.4 19.6 29.4

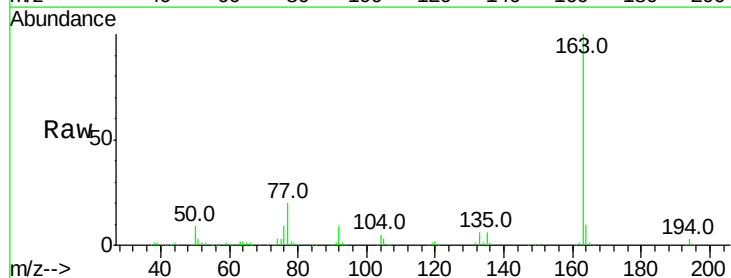


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

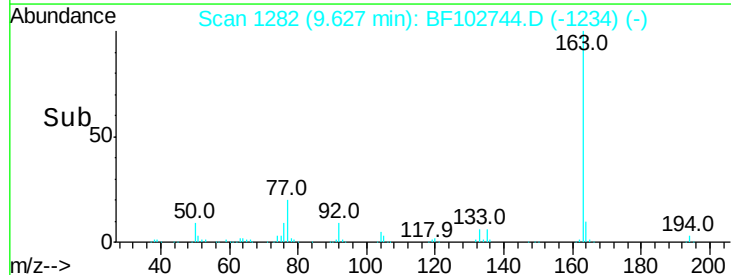
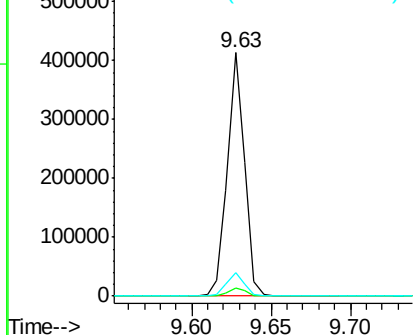


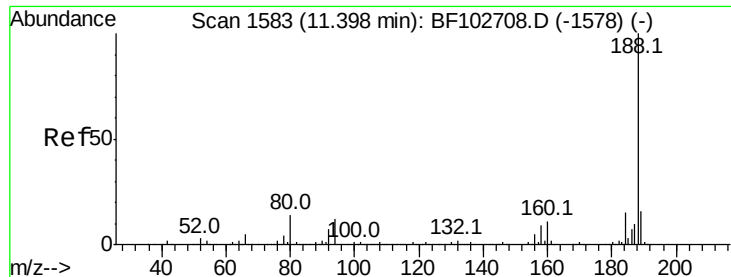
#49
Dimethylphthalate
Concen: 10.822 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF102744.D
Acq: 5 Feb 2018 18:06

Tgt Ion:163 Resp: 311869
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.8 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

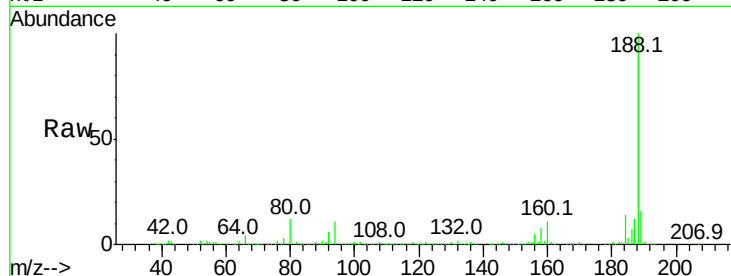




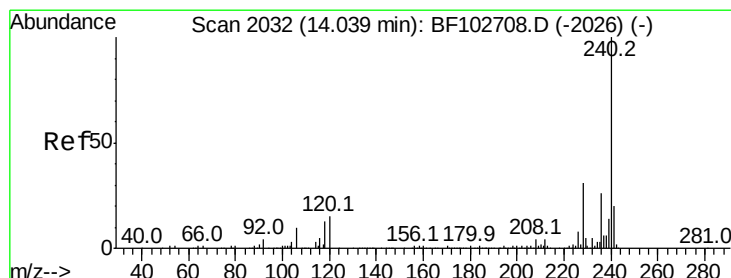
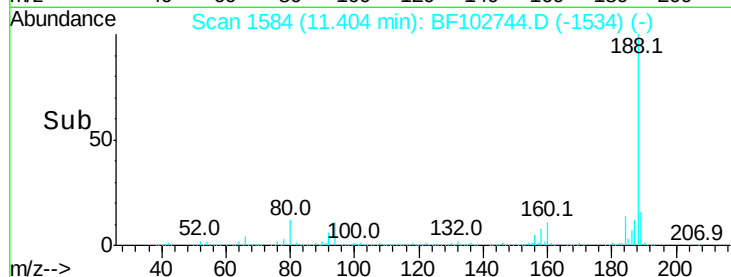
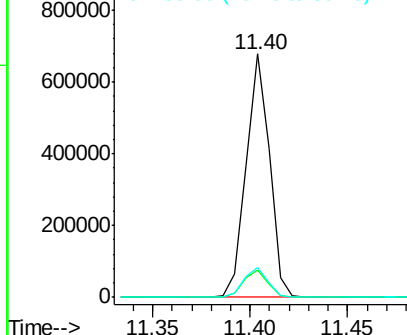
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102744.D
Acq: 5 Feb 2018 18:06

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:188 Resp: 561872
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.1 9.2 13.8

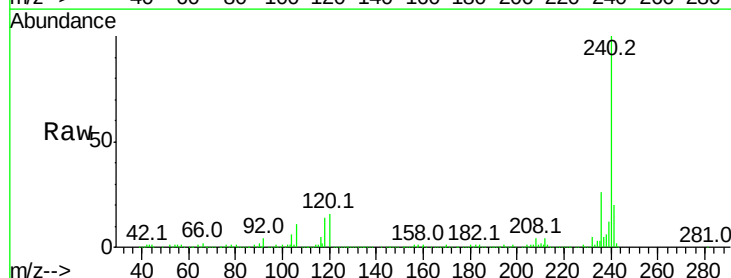


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

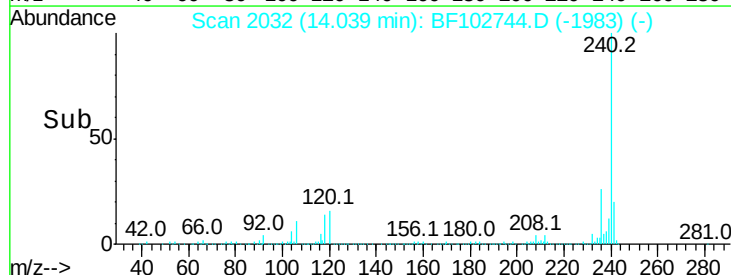
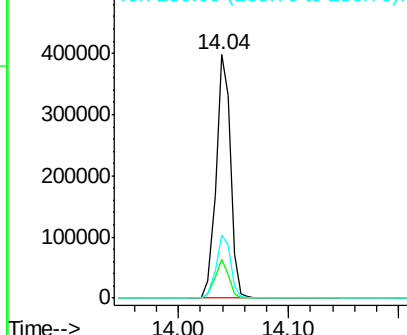


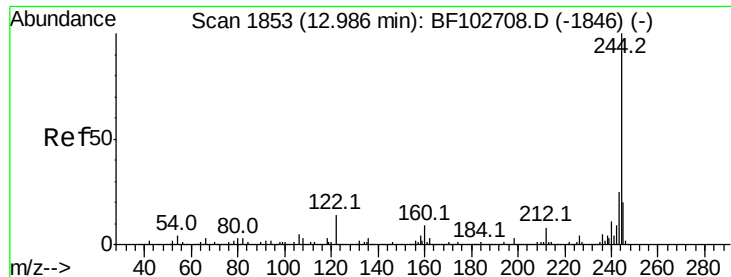
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF102744.D
Acq: 5 Feb 2018 18:06

Tgt Ion:240 Resp: 359215
Ion Ratio Lower Upper
240 100
120 15.9 9.5 14.3#
236 26.2 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: 87.476 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102744.D

Acq: 5 Feb 2018 18:06

Instrument :

BNA_F

ClientSampleId :

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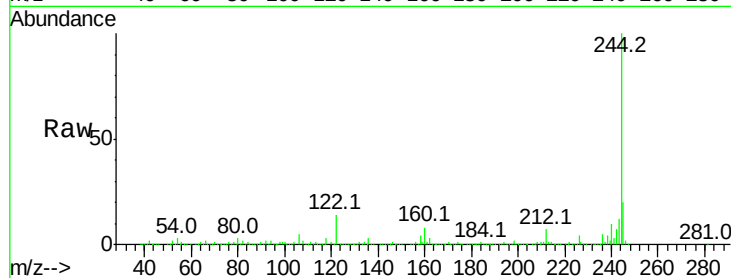
Tot Ion:244 Resp: 1327098

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

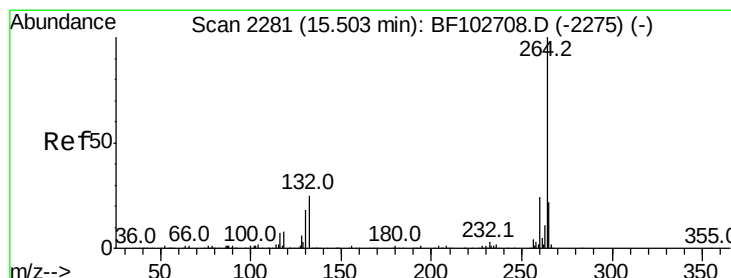
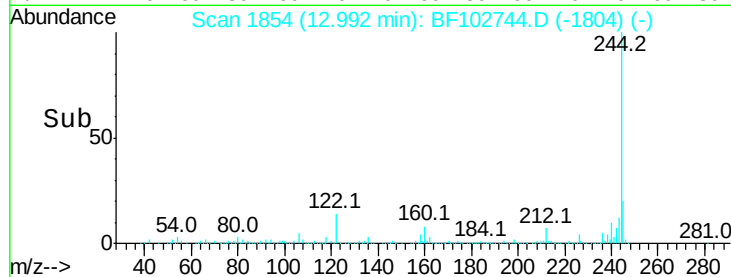
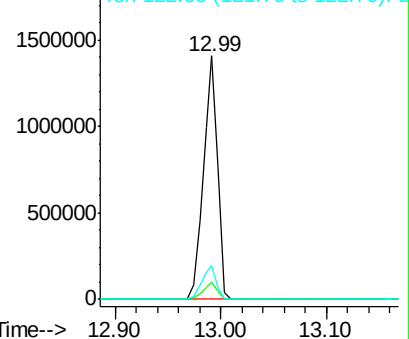
122 14.0 11.0 16.4



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: 15.52 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF102744.D

Acq: 5 Feb 2018 18:06

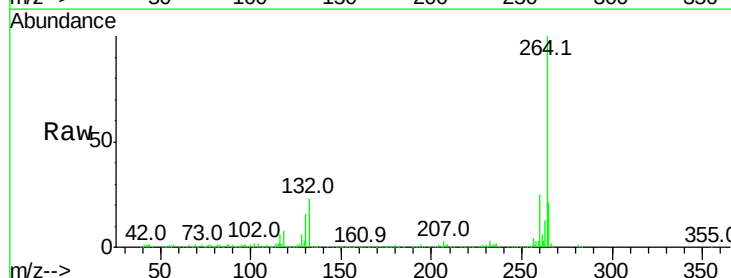
Tgt Ion:264 Resp: 327993

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 21.4 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

