

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103781.D
 Acq On : 20 Mar 2018 2:45
 Operator : JU/SJ
 Sample : J1971-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ES-6-SA-2-WW@3

Quant Time: Mar 20 05:01:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

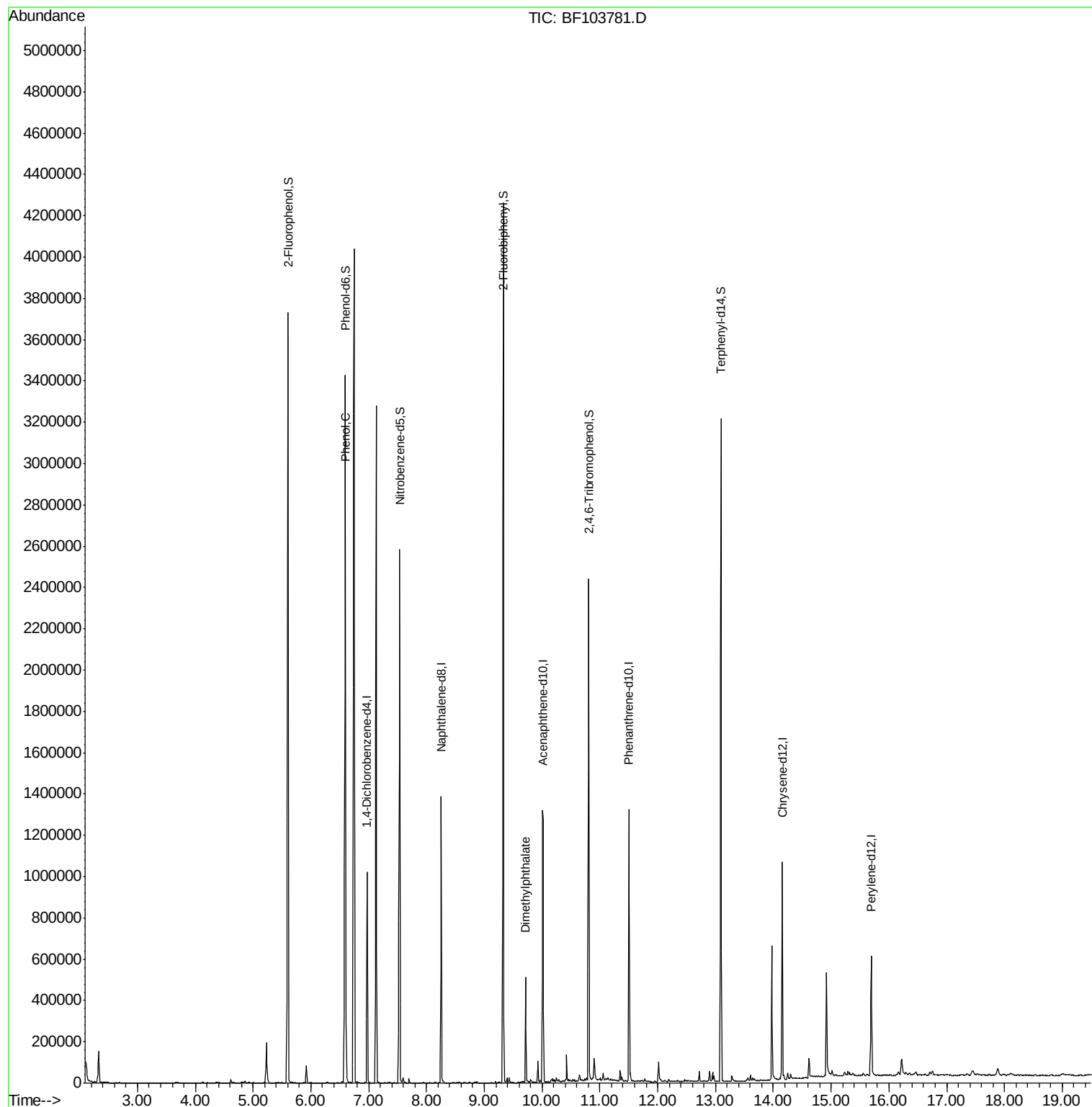
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	154115	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	612938	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	270056	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	440245	20.00	ng	0.00
75) Chrysene-d12	14.16	240	327762	20.00	ng	0.00
86) Perylene-d12	15.70	264	269894	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1320820	130.35	ng	0.02
7) Phenol-d6	6.60	99	1651729	133.24	ng	0.01
23) Nitrobenzene-d5	7.54	82	1004761	114.31	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	350497	150.95	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1451724	85.75	ng	0.00
78) Terphenyl-d14	13.10	244	1230337	87.13	ng	0.01
Target Compounds						
10) Phenol	6.61	94	40086	3.043	ng	94
49) Dimethylphthalate	9.72	163	180950	8.782	ng	99

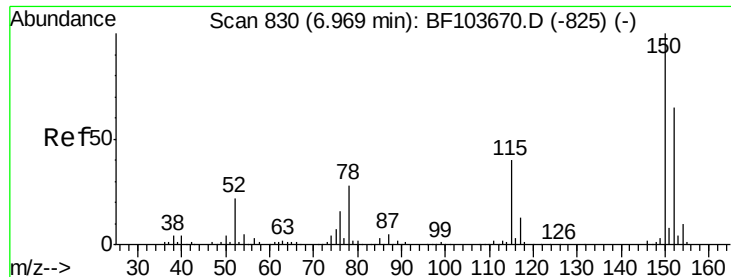
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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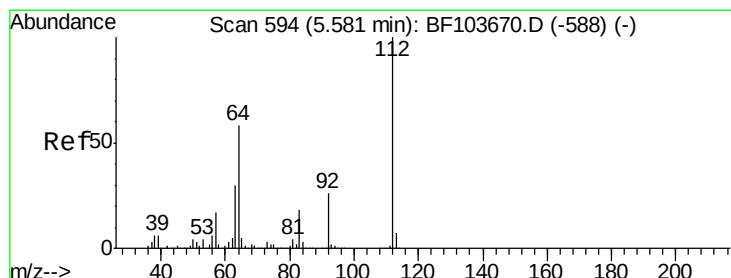
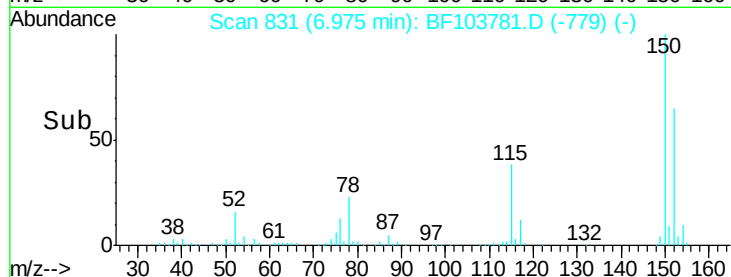
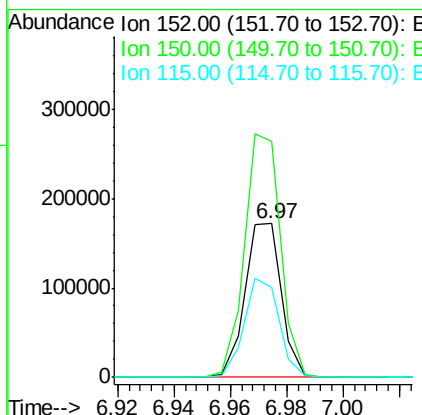
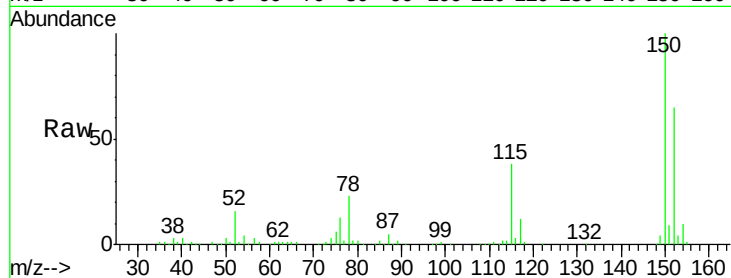


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103781.D
Acq: 20 Mar 2018 2:45

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-2-WW@3

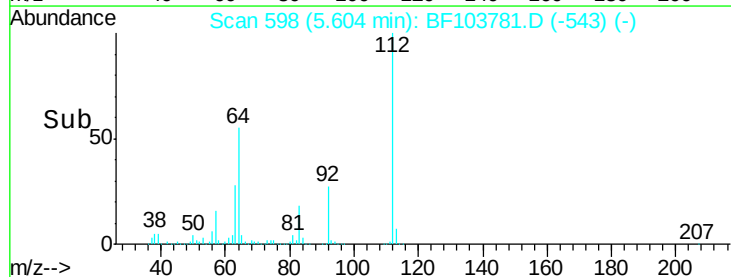
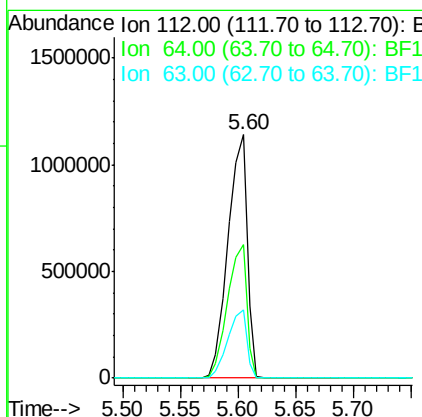
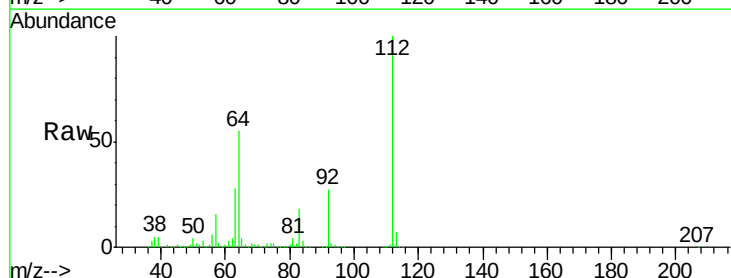
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	186.8
115	58.2	50.1	75.1

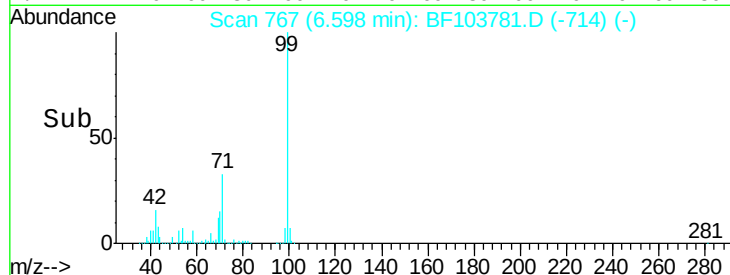
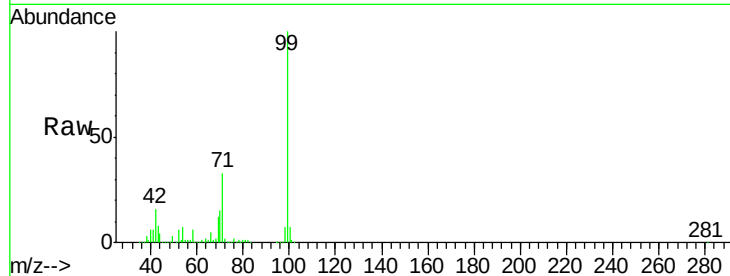
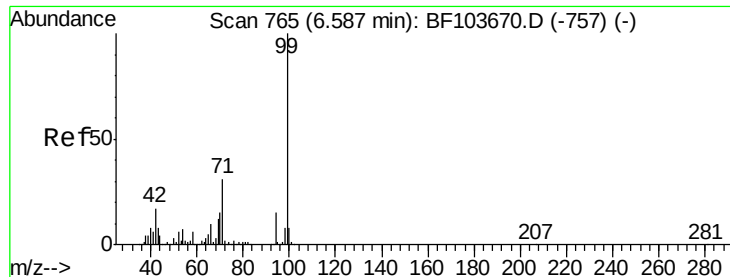


#5

2-Fluorophenol
Concen: 130.355 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.02 min
Lab File: BF103781.D
Acq: 20 Mar 2018 2:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	27.9	23.7	35.5





#7

Phenol-d6

Concen: 133.242 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103781.D

Acq: 20 Mar 2018 2:45

Instrument :

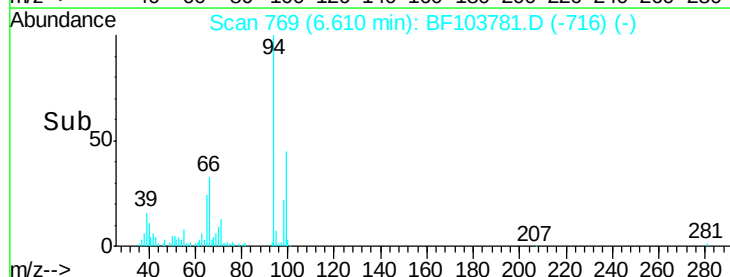
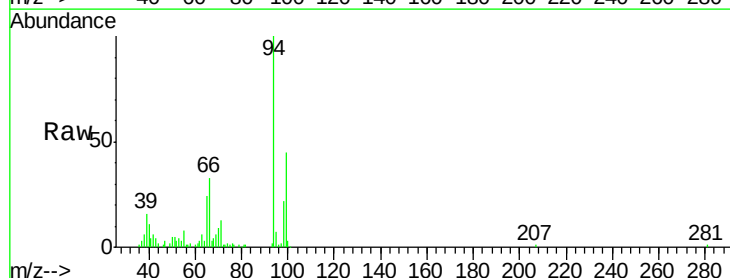
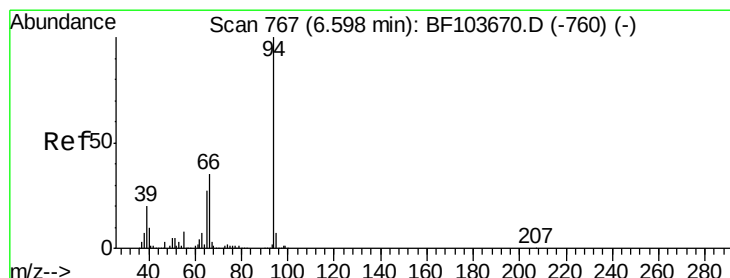
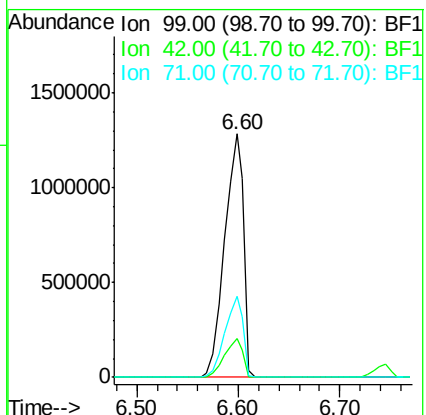
BNA_F

ClientSampleId :

ES-6-SA-2-WW@3

Tot Ion: 99 Resp: 1651729

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.5	21.7
71	33.2	25.4	38.0



#10

Phenol

Concen: 3.043 ng

RT: 6.61 min Scan# 769

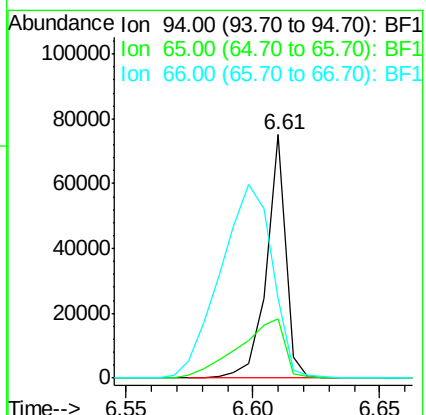
Delta R.T. 0.01 min

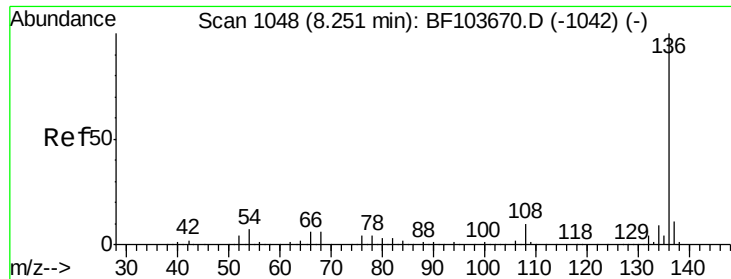
Lab File: BF103781.D

Acq: 20 Mar 2018 2:45

Tgt Ion: 94 Resp: 40086

Ion	Ratio	Lower	Upper
94	100		
65	24.5	7.9	47.9
66	32.9	16.2	56.2

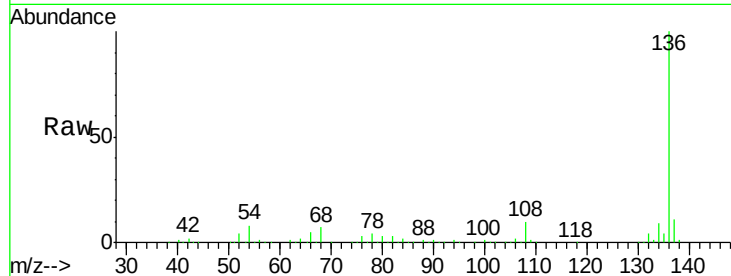




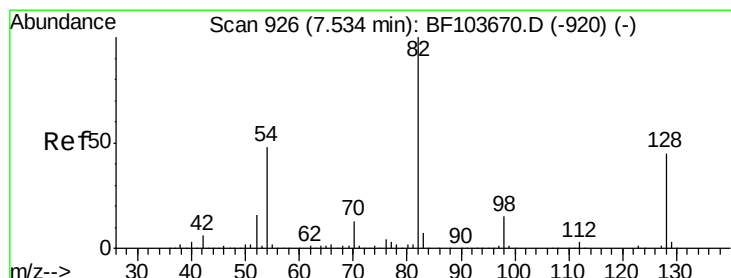
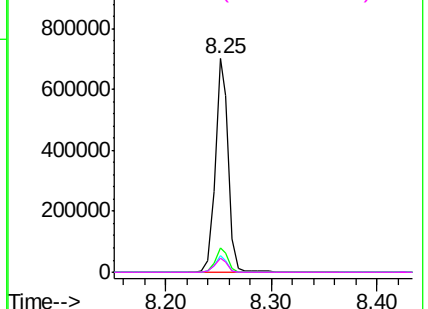
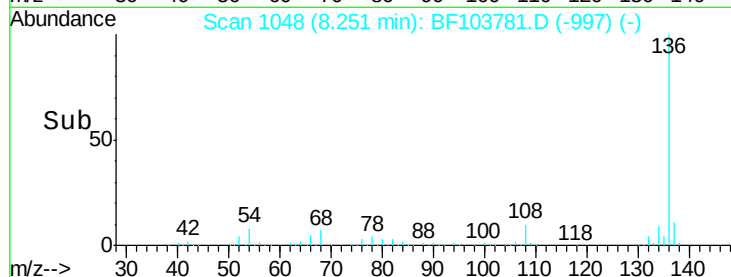
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103781.D
Acq: 20 Mar 2018 2:45

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-2-WW@3

Tot Ion:136 Resp: 612938
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.7 6.6 9.8
68 6.6 5.0 7.4

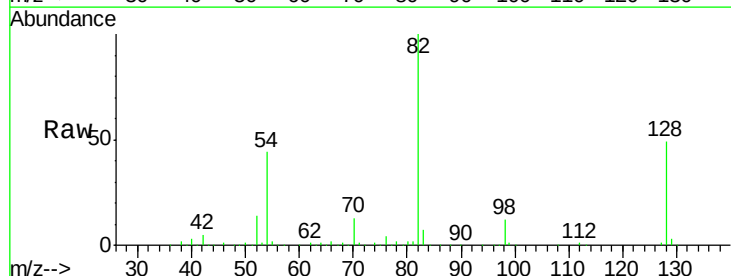


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

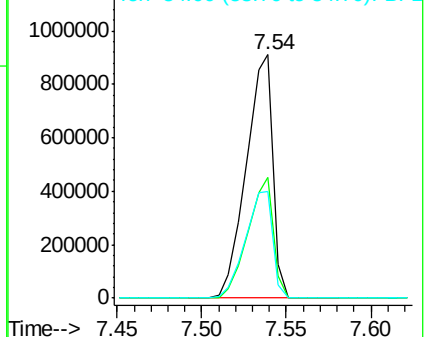
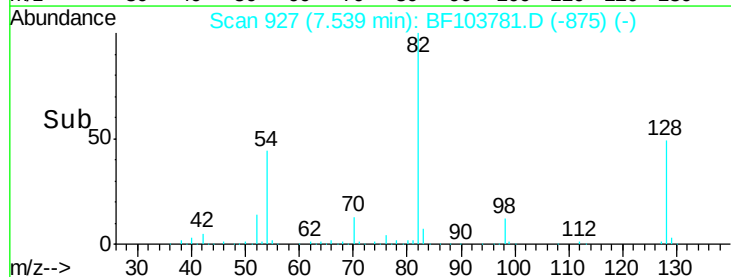


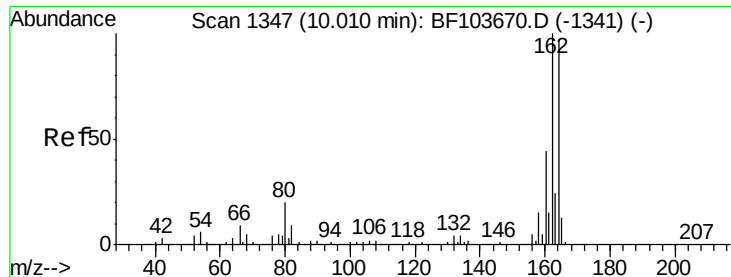
#23
Nitrobenzene-d5
Concen: 114.315 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF103781.D
Acq: 20 Mar 2018 2:45

Tgt Ion: 82 Resp: 1004761
Ion Ratio Lower Upper
82 100
128 49.4 36.1 54.1
54 43.9 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

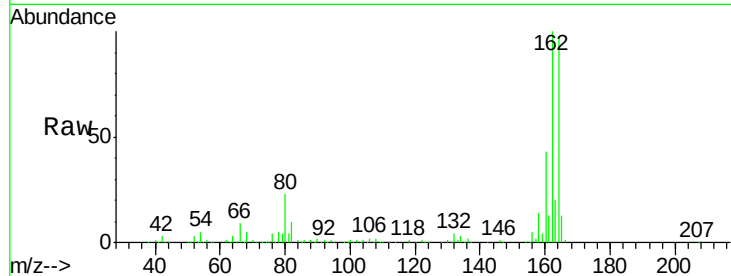




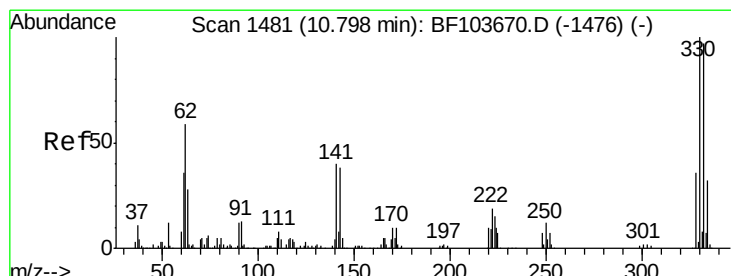
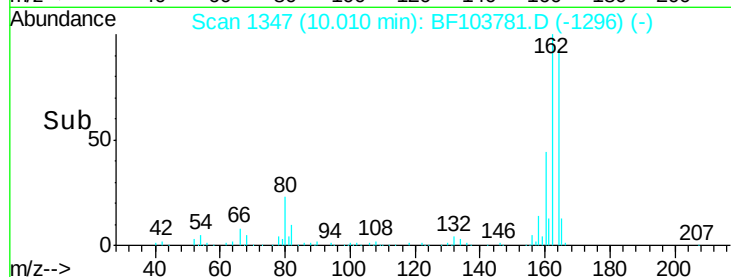
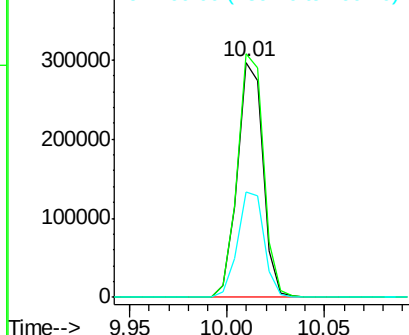
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF103781.D
 Acq: 20 Mar 2018 2:45

Instrument :
 BNA_F
 ClientSampleId :
 ES-6-SA-2-WW@3

Tot Ion:164 Resp: 270056
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 45.0 38.3 57.5

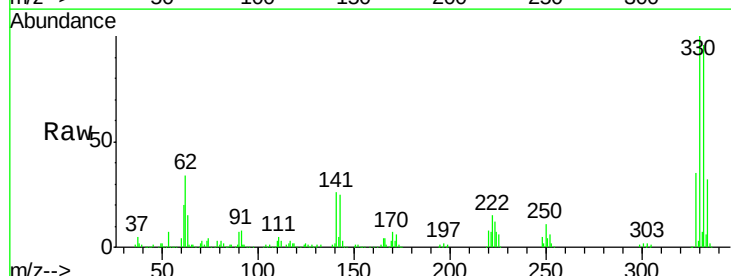


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

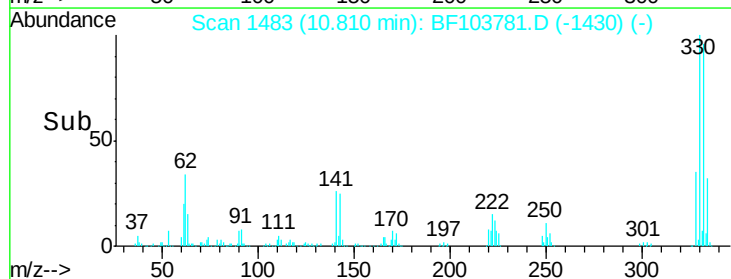
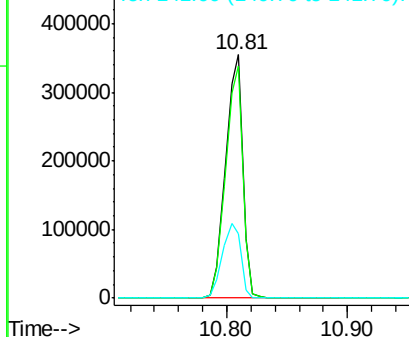


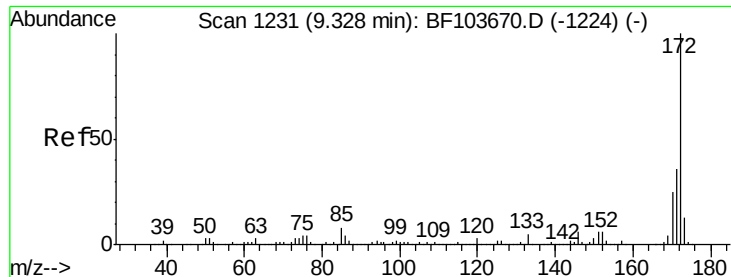
#41
 2,4,6-Tribromophenol
 Concen: 150.949 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103781.D
 Acq: 20 Mar 2018 2:45

Tgt Ion:330 Resp: 350497
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 32.7 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

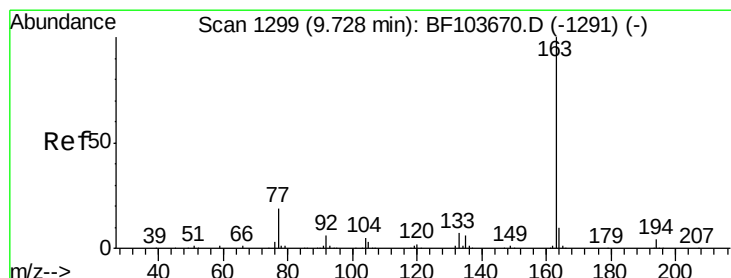
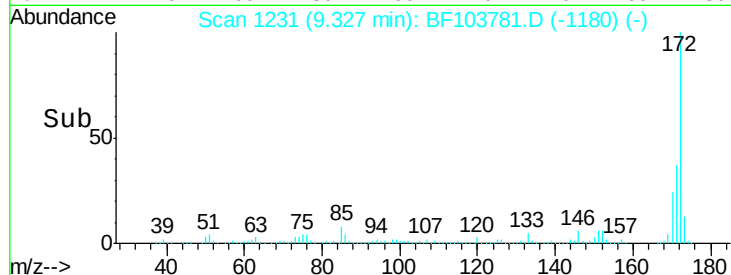
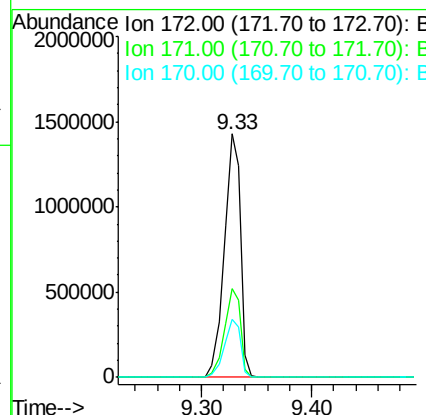
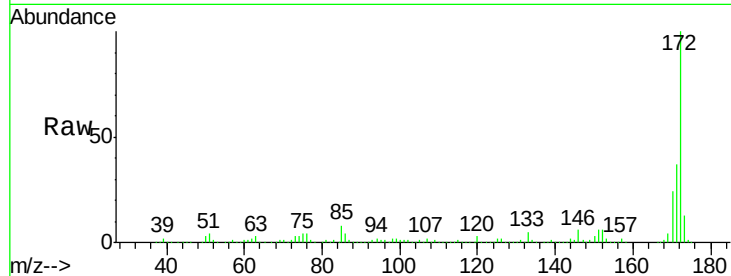




#44
2-Fluorobiphenyl
Concen: 85.750 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103781.D
Acq: 20 Mar 2018 2:45

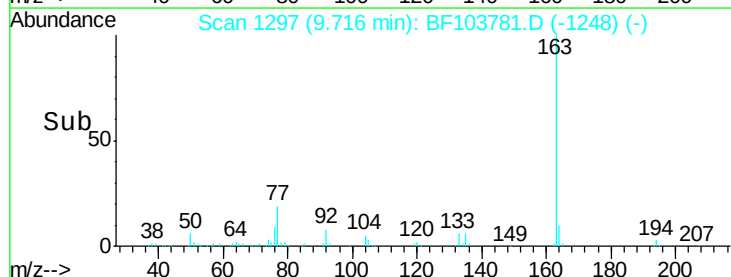
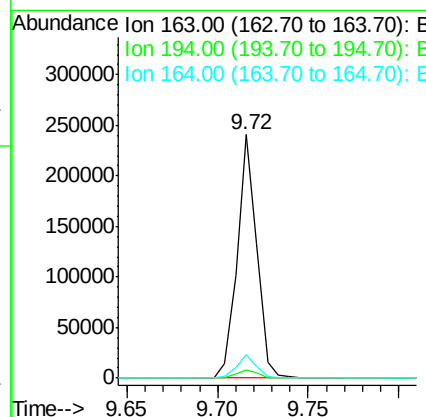
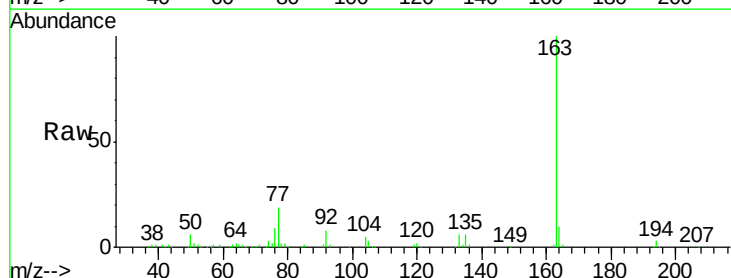
Instrument :
BNA_F
ClientSampleId :
ES-6-SA-2-WW@3

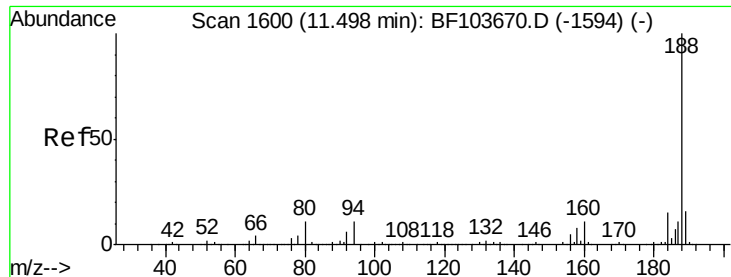
Tot Ion:172 Resp: 1451724
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 23.9 19.6 29.4



#49
Dimethylphthalate
Concen: 8.782 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103781.D
Acq: 20 Mar 2018 2:45

Tgt Ion:163 Resp: 180950
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.6 8.2 12.2

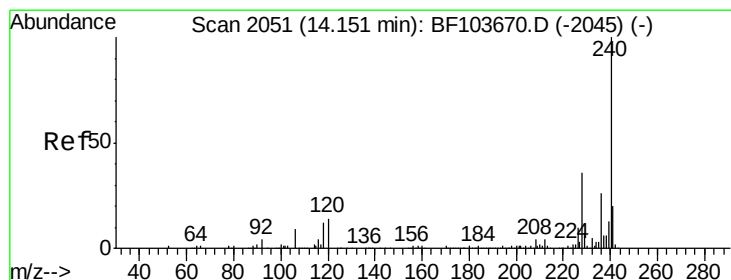
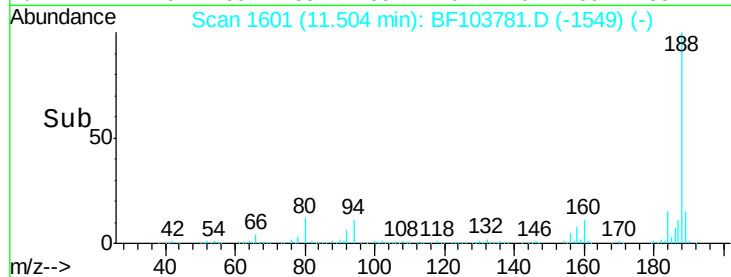
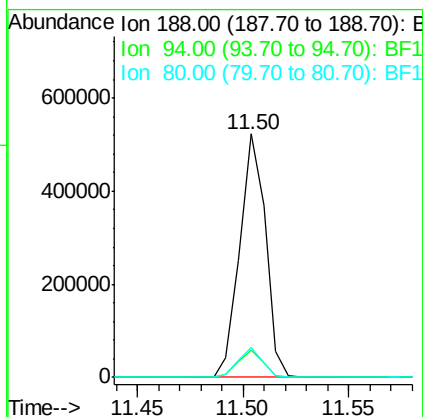
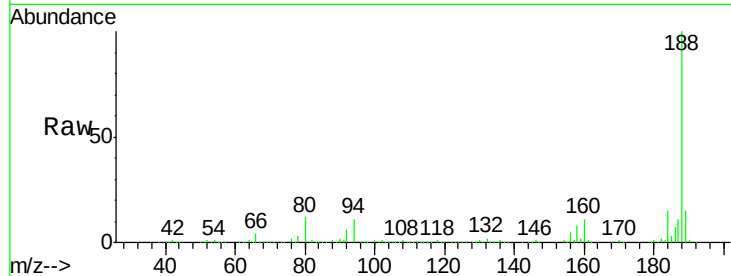




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103781.D
Acq: 20 Mar 2018 2:45

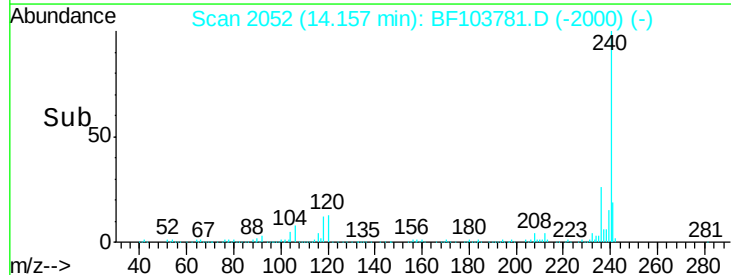
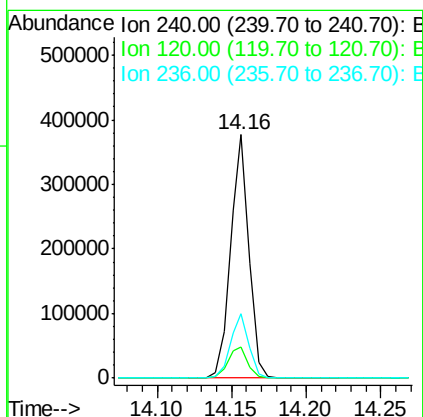
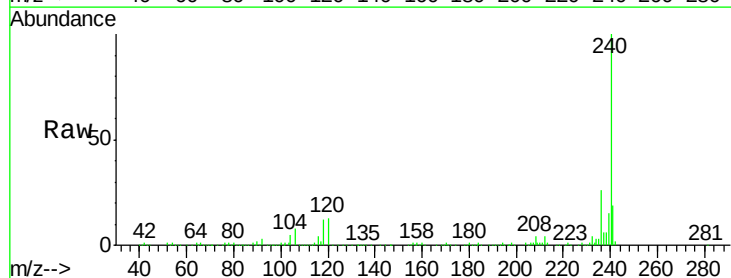
Instrument :
BNA_F
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ES-6-SA-2-WW@3

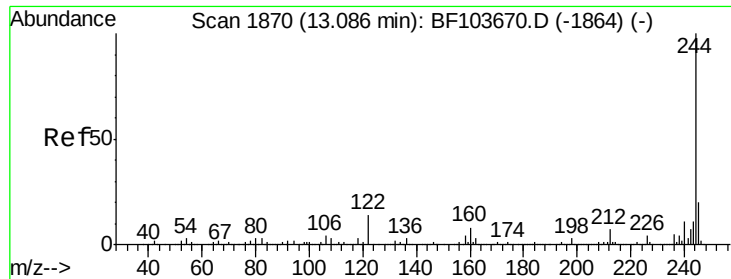
Tot Ion:188 Resp: 440245
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103781.D
Acq: 20 Mar 2018 2:45

Tgt Ion:240 Resp: 327762
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 26.4 20.7 31.1





#78

Terphenyl-d14

Concen: 87.130 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.01 min

Lab File: BF103781.D

Acq: 20 Mar 2018 2:45

Instrument :

BNA_F

ClientSampleId :

ES-6-SA-2-WW@3

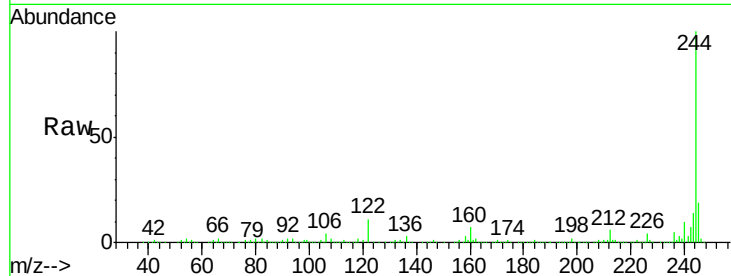
Tot Ion:244 Resp: 1230337

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

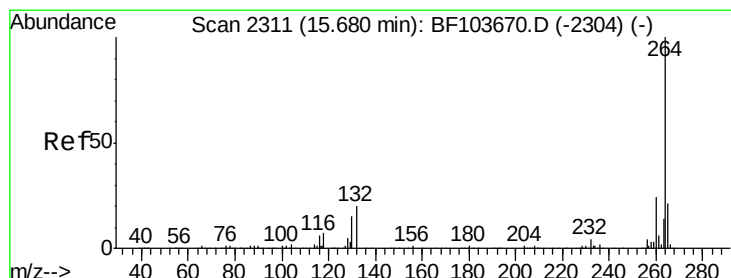
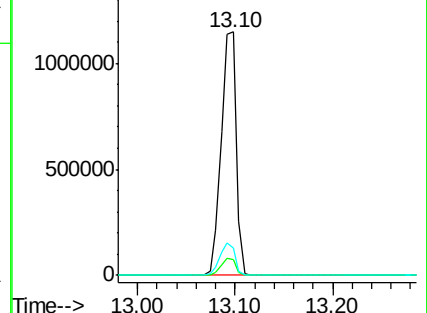
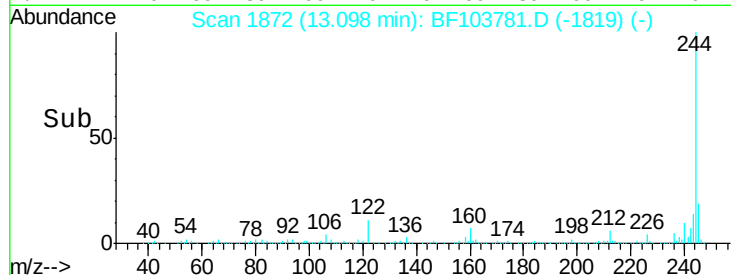
122 11.3 11.0 16.4



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: 15.70 min Scan# 2314

Delta R.T. 0.02 min

Lab File: BF103781.D

Acq: 20 Mar 2018 2:45

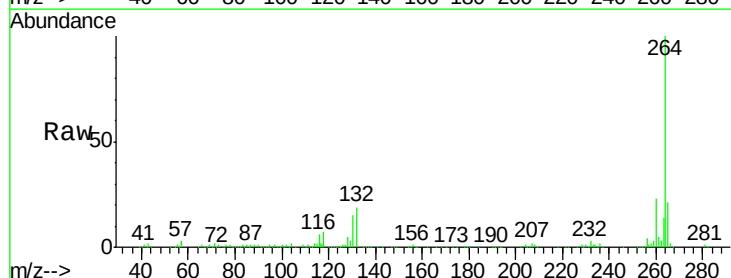
Tgt Ion:264 Resp: 269894

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.2 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

