

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104559.D
 Acq On : 17 Apr 2018 3:05
 Operator : JU/SJ
 Sample : J2360-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NAA-WS-004

Quant Time: Apr 17 03:39:54 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

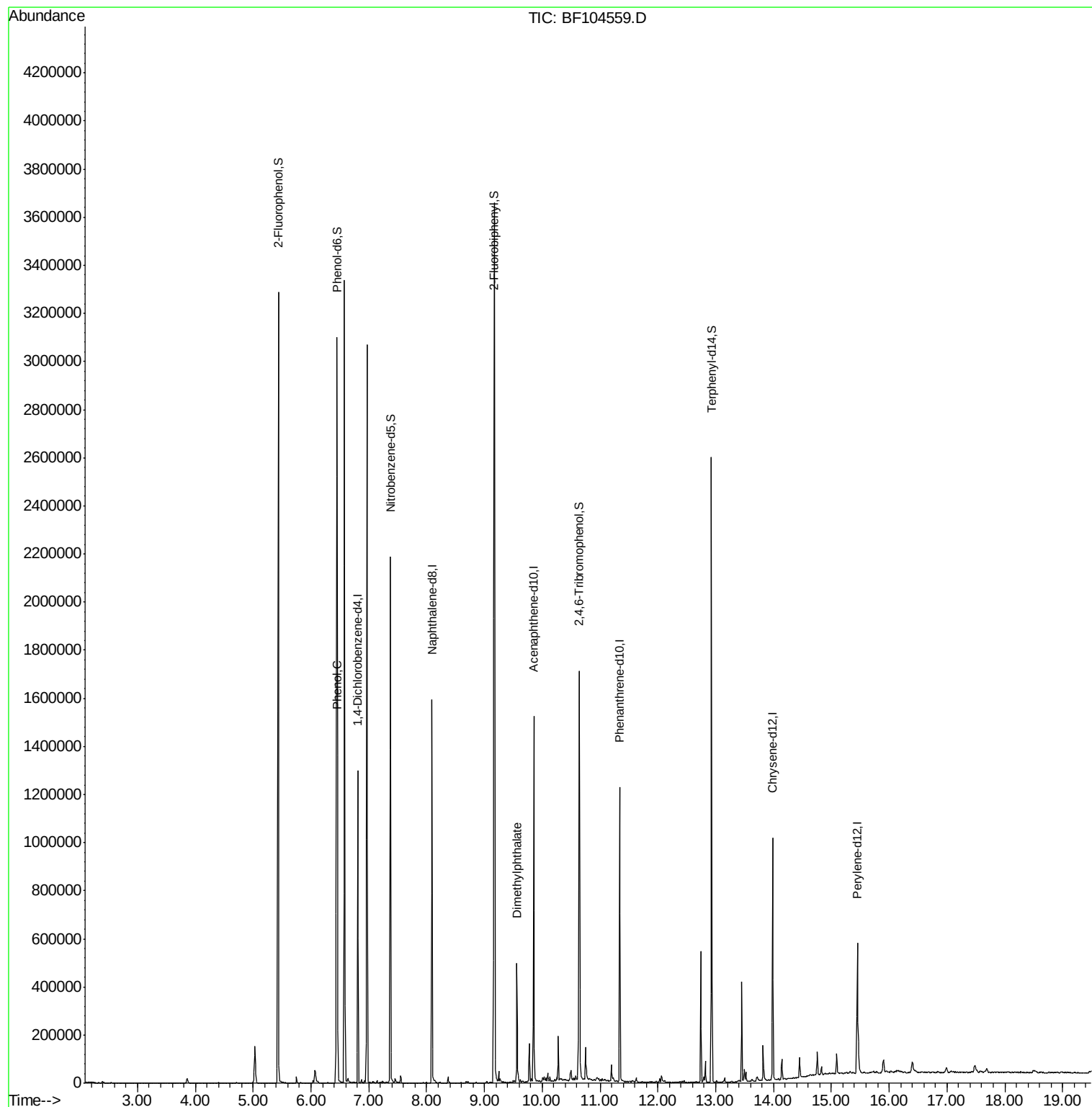
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	169236	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	680730	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	275427	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	406769	20.00	ng	0.00
75) Chrysene-d12	13.99	240	324565	20.00	ng	0.00
86) Perylene-d12	15.45	264	242379	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1019976	92.16	ng	0.01
7) Phenol-d6	6.45	99	1251314	92.02	ng	0.00
23) Nitrobenzene-d5	7.37	82	784699	75.27	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	229244	80.24	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1276060	73.19	ng	0.00
78) Terphenyl-d14	12.93	244	925752	65.03	ng	0.00
Target Compounds						
10) Phenol	6.46	94	47599	3.299	ng	92
49) Dimethylphthalate	9.56	163	188838	8.694	ng	100

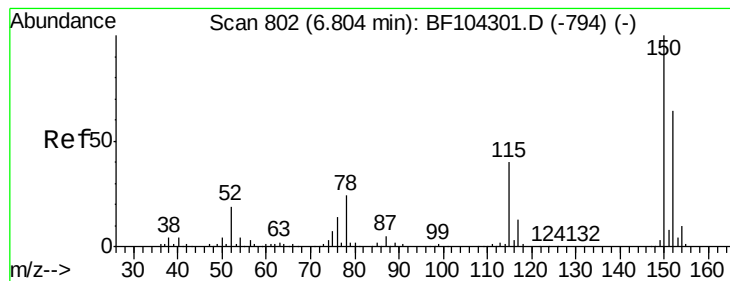
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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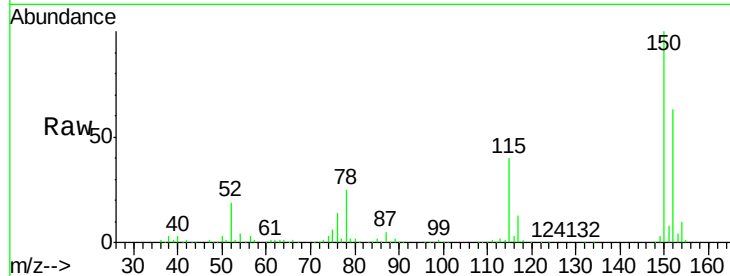


#1

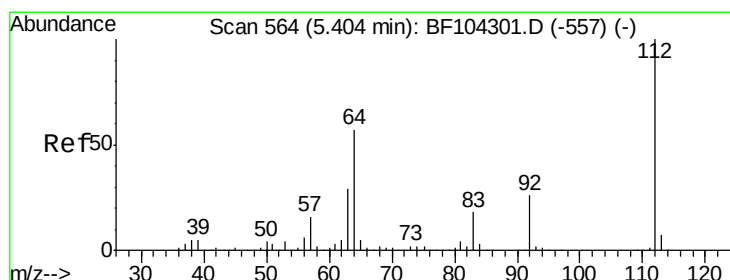
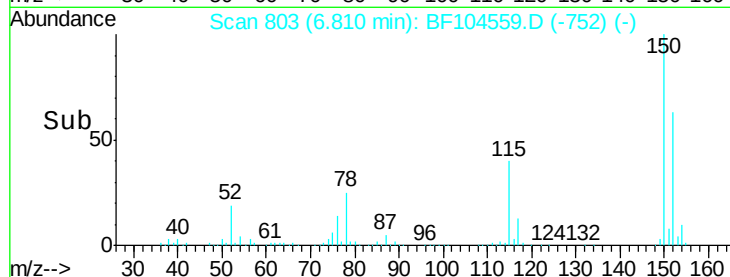
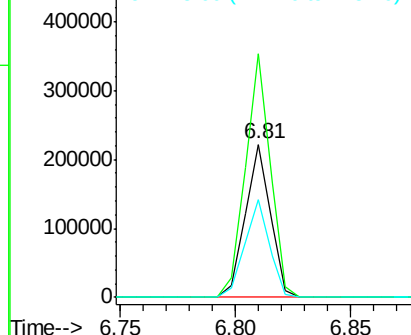
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF104559.D
 Acq: 17 Apr 2018 3:05

Instrument :
 BNA_F
 ClientSampleId :
 NAA-WS-004

Tot Ion:152 Resp: 169236
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.6 186.8
 115 63.5 50.1 75.1



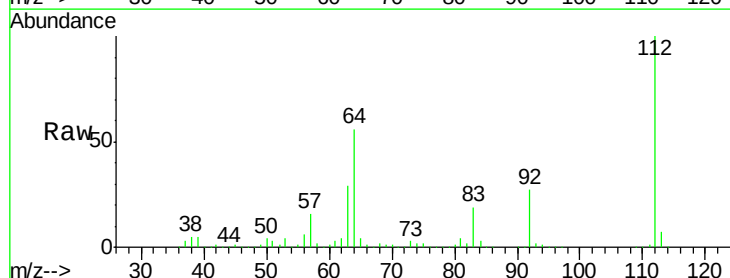
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



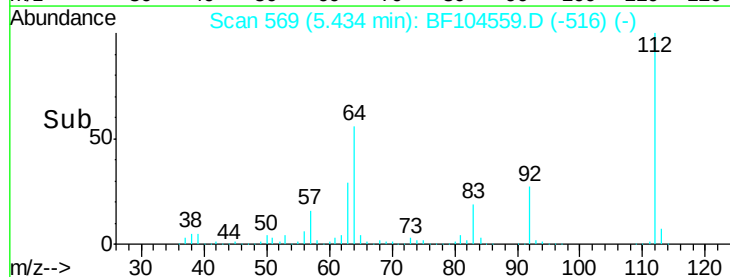
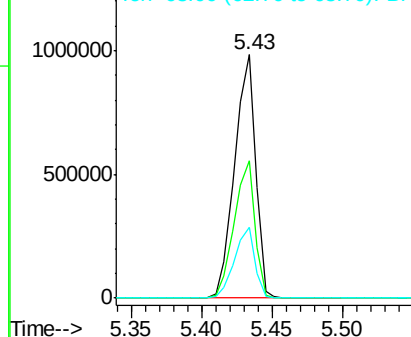
#5

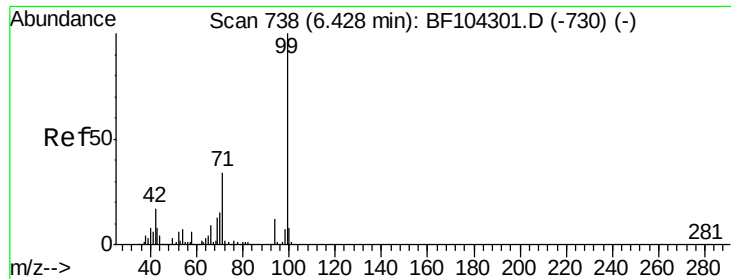
2-Fluorophenol
 Concen: 92.155 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF104559.D
 Acq: 17 Apr 2018 3:05

Tgt Ion:112 Resp: 1019976
 Ion Ratio Lower Upper
 112 100
 64 56.2 47.9 71.9
 63 28.9 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: 92.015 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF104559.D

Acq: 17 Apr 2018 3:05

Instrument :

BNA_F

ClientSampleId :

NAA-WS-004

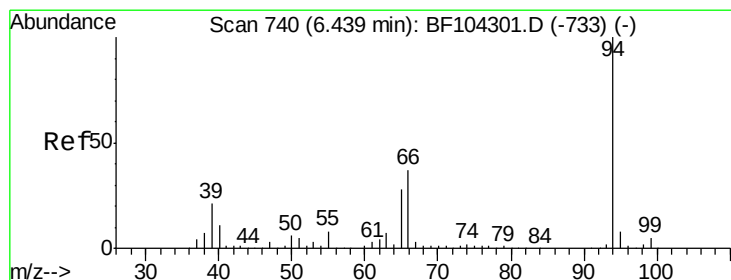
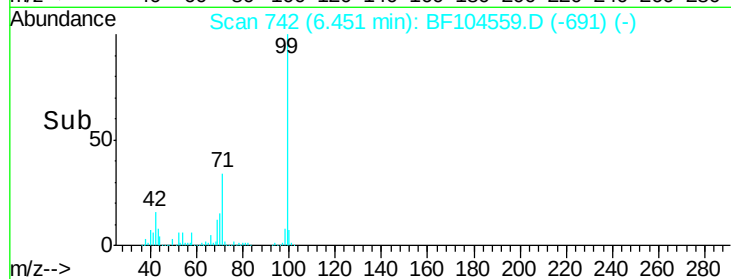
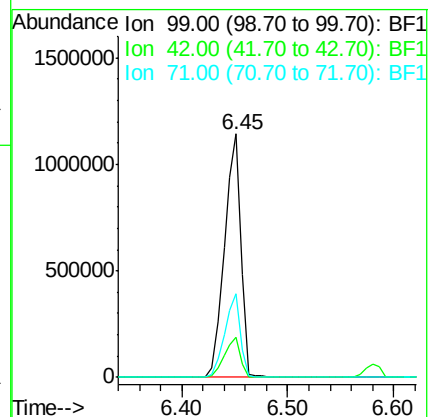
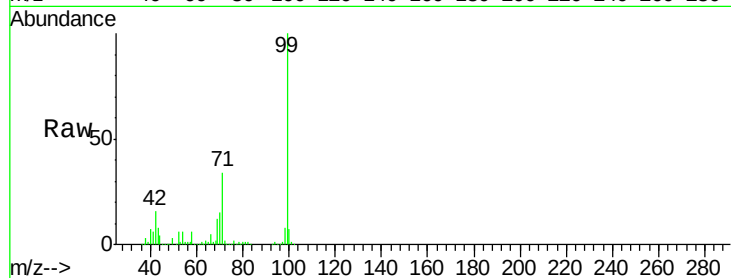
Tot Ion: 99 Resp: 1251314

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

71 34.3 25.4 38.0



#10

Phenol

Concen: 3.299 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF104559.D

Acq: 17 Apr 2018 3:05

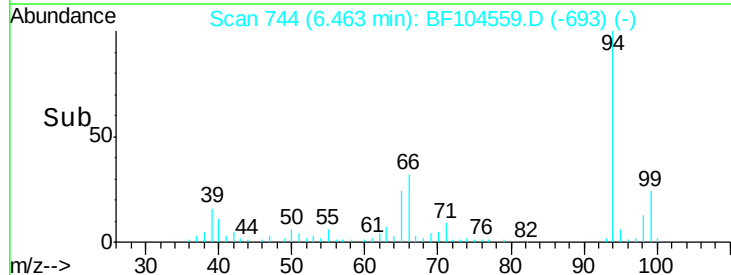
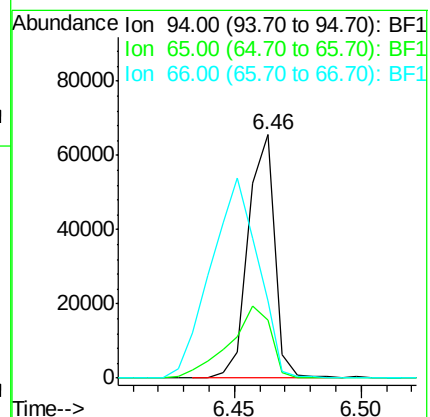
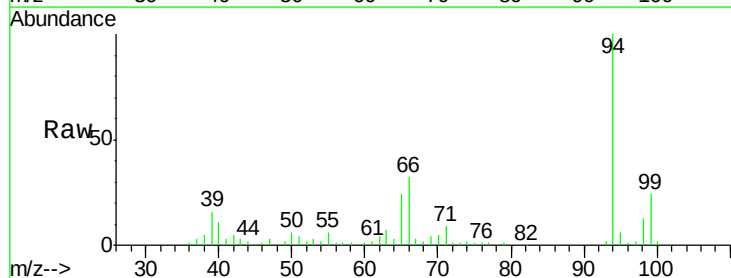
Tgt Ion: 94 Resp: 47599

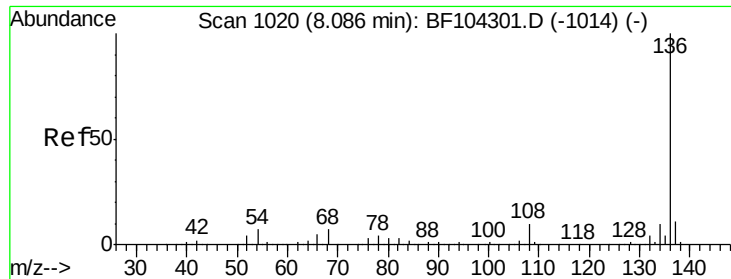
Ion Ratio Lower Upper

94 100

65 23.8 7.9 47.9

66 31.9 16.2 56.2

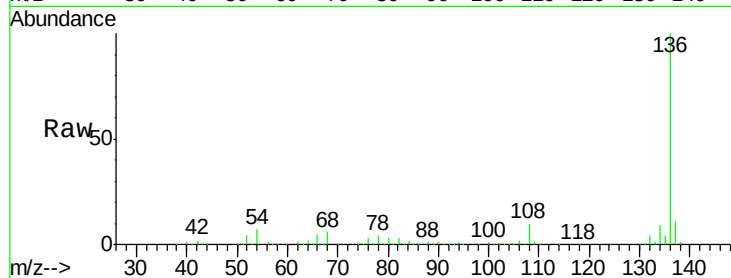




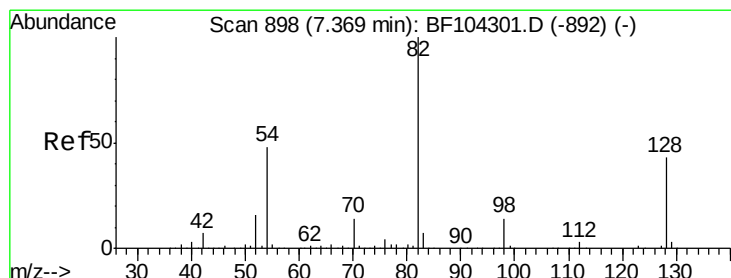
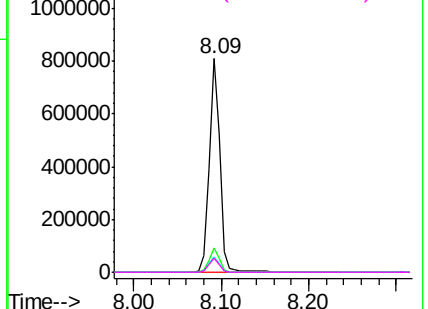
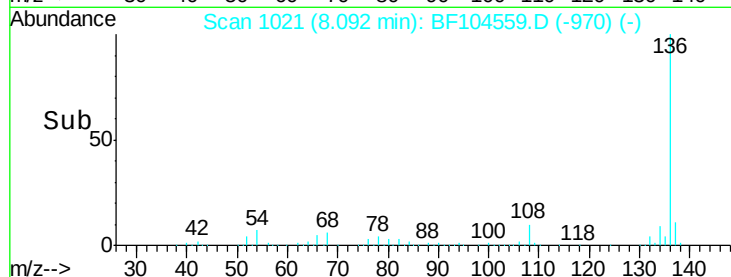
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104559.D
Acq: 17 Apr 2018 3:05

Instrument :
BNA_F
ClientSampleId :
NAA-WS-004

Tot Ion:136	Resp:	680730
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.9 13.3
54	7.1	6.6 9.8
68	6.4	5.0 7.4

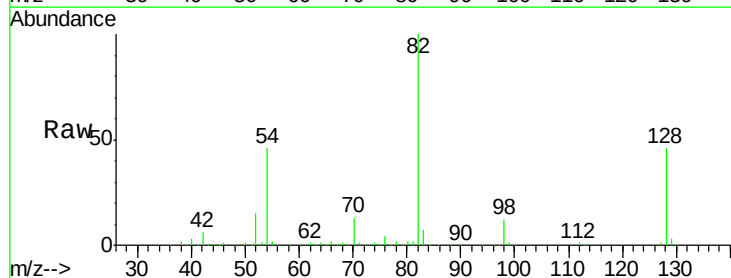


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

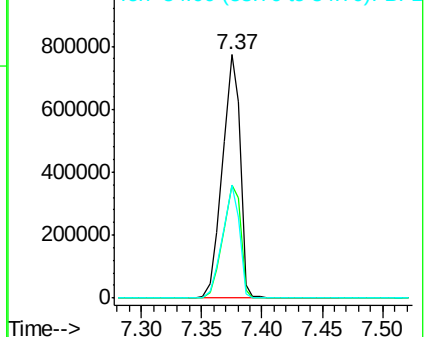
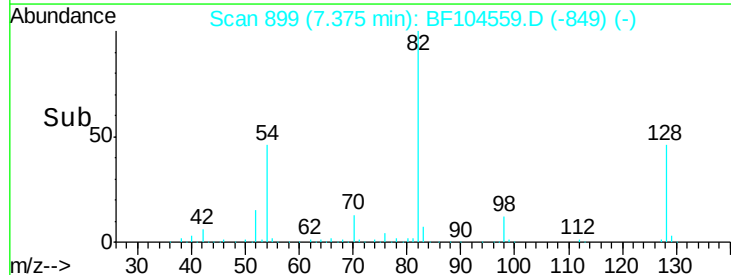


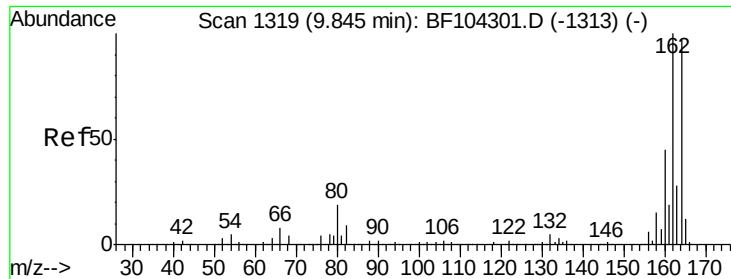
#23
Nitrobenzene-d5
Concen: 75.271 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104559.D
Acq: 17 Apr 2018 3:05

Tgt Ion: 82	Resp:	784699
Ion	Ratio	Lower Upper
82	100	
128	46.4	36.1 54.1
54	46.2	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

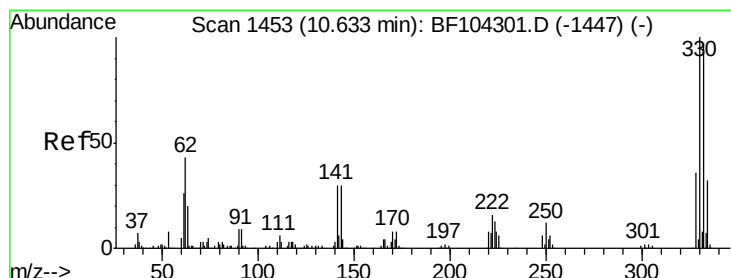
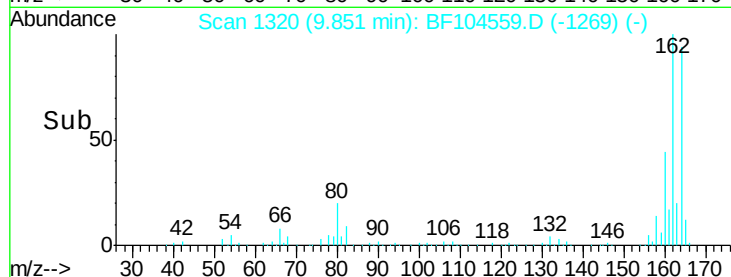
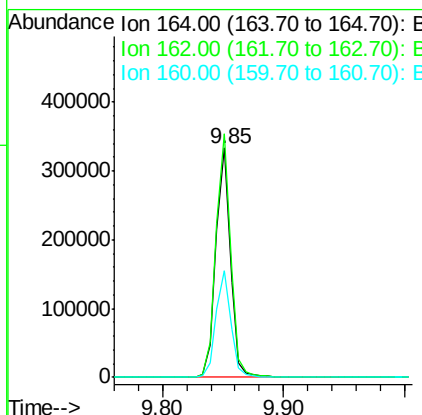
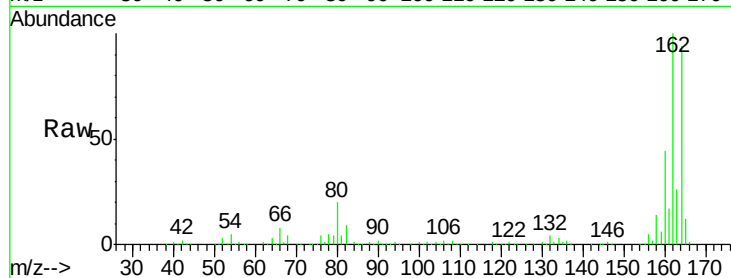




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF104559.D
 Acq: 17 Apr 2018 3:05

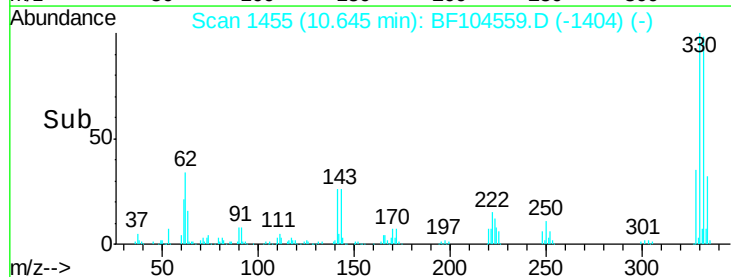
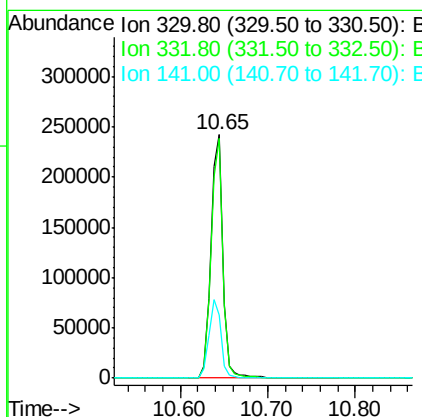
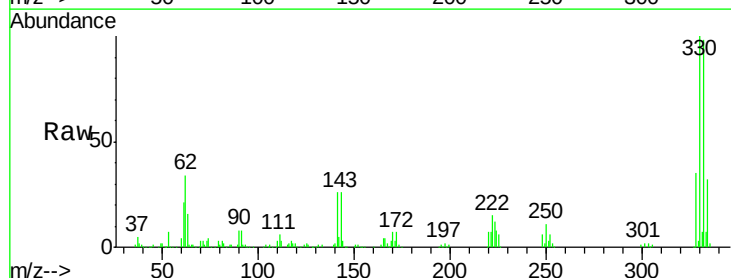
Instrument :
 BNA_F
 ClientSampleId :
 NAA-WS-004

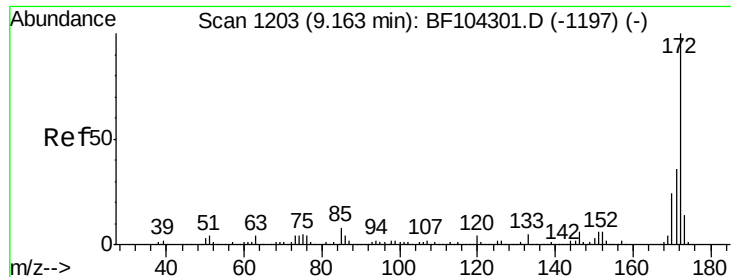
Tot Ion:164 Resp: 275427
 Ion Ratio Lower Upper
 164 100
 162 106.1 86.1 129.1
 160 46.6 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 80.237 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF104559.D
 Acq: 17 Apr 2018 3:05

Tgt Ion:330 Resp: 229244
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 32.7 29.9 44.9

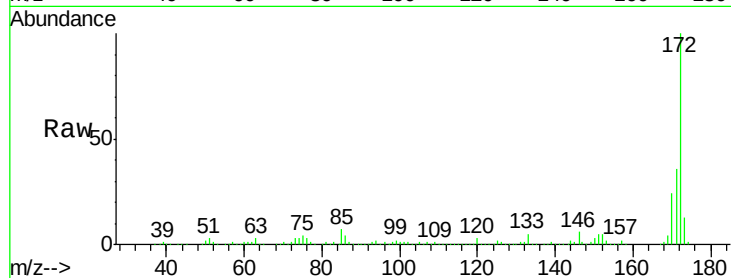




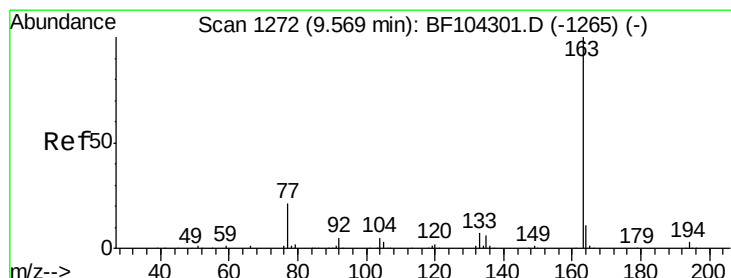
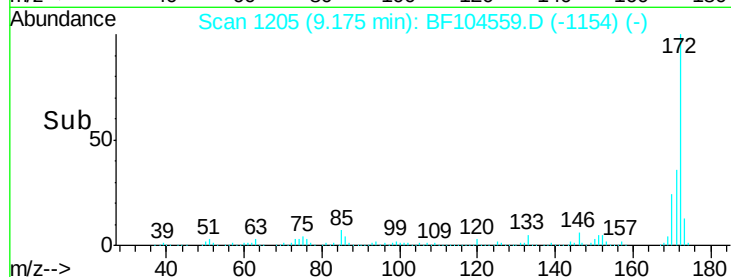
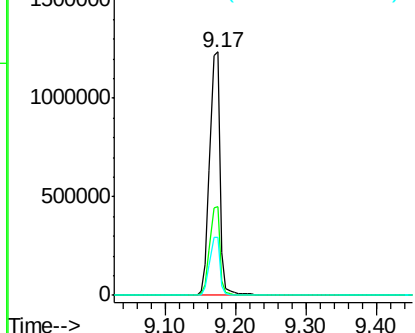
#44
2-Fluorobiphenyl
Concen: 73.190 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF104559.D
Acq: 17 Apr 2018 3:05

Instrument :
BNA_F
ClientSampleId :
NAA-WS-004

Tot Ion:172 Resp: 1276060
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.0 19.6 29.4

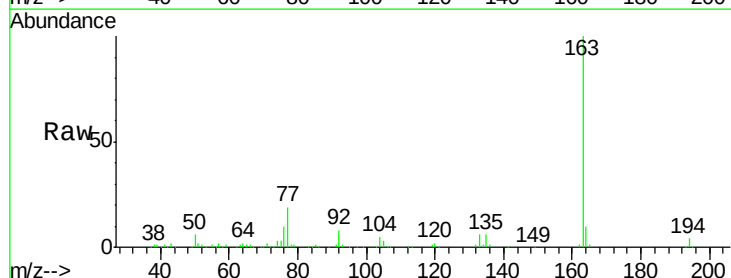


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

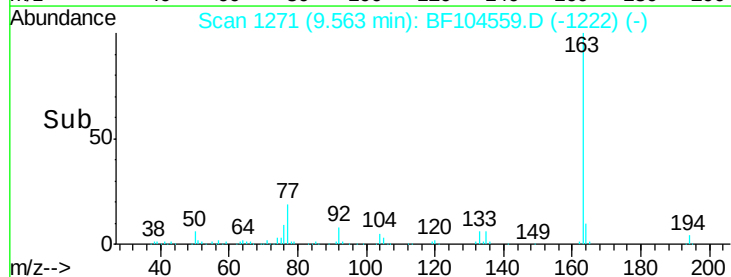
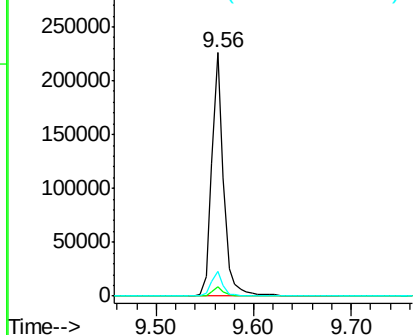


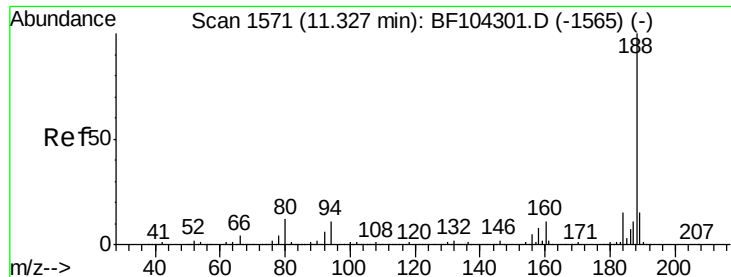
#49
Dimethylphthalate
Concen: 8.694 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104559.D
Acq: 17 Apr 2018 3:05

Tgt Ion:163 Resp: 188838
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.1 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

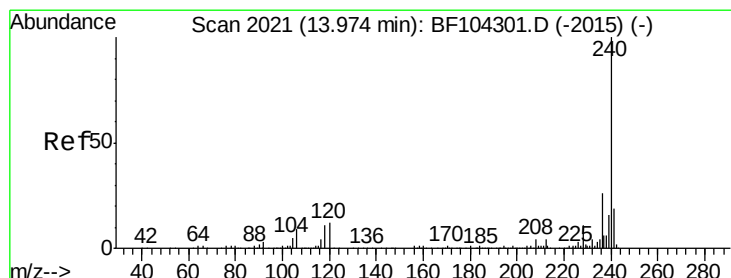
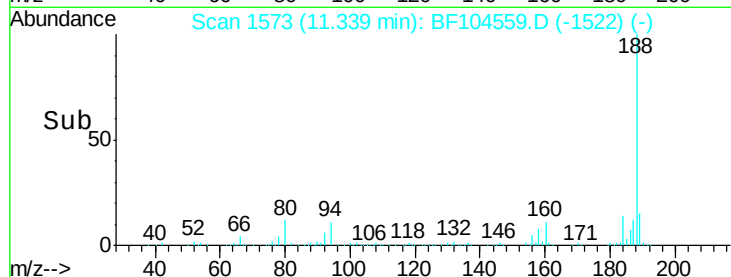
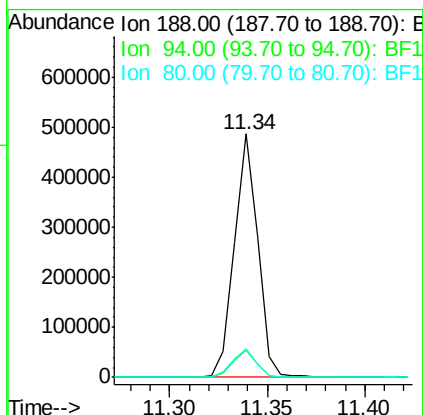
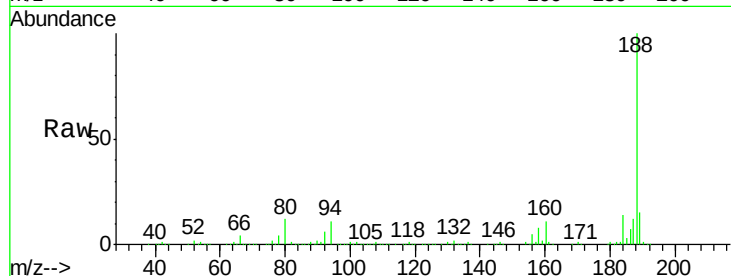




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF104559.D
Acq: 17 Apr 2018 3:05

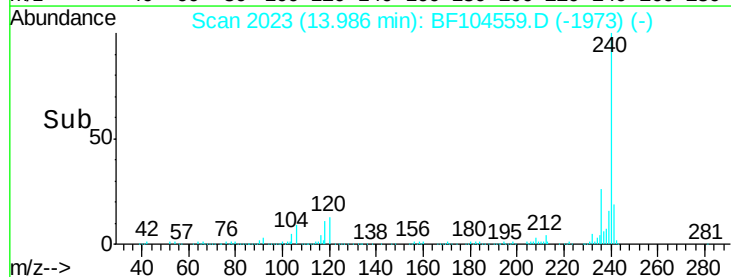
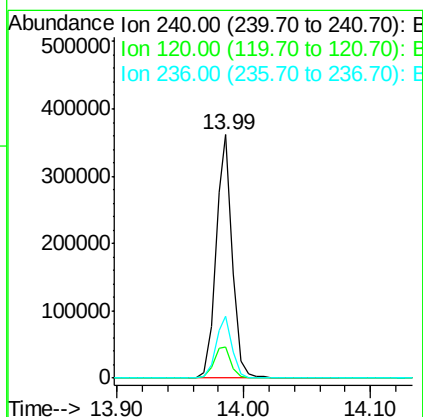
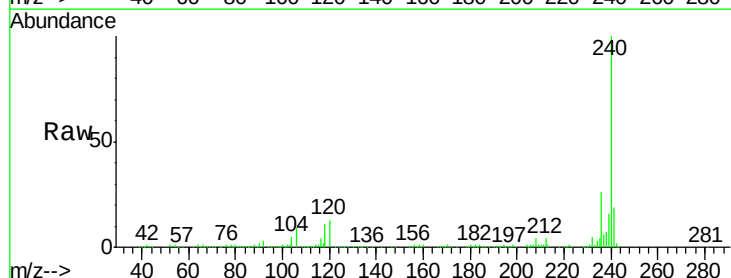
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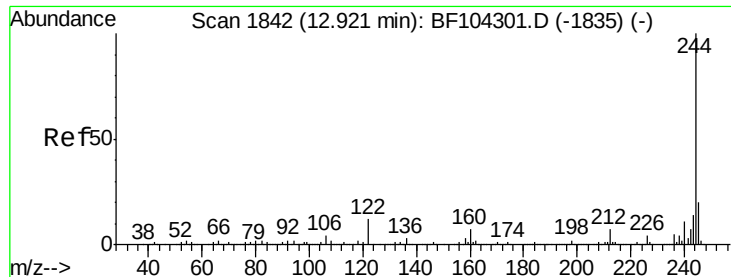
Tot Ion:188 Resp: 406769
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104559.D
Acq: 17 Apr 2018 3:05

Tgt Ion:240 Resp: 324565
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 65.027 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF104559.D

Acq: 17 Apr 2018 3:05

Instrument :

BNA_F

ClientSampleId :

NAA-WS-004

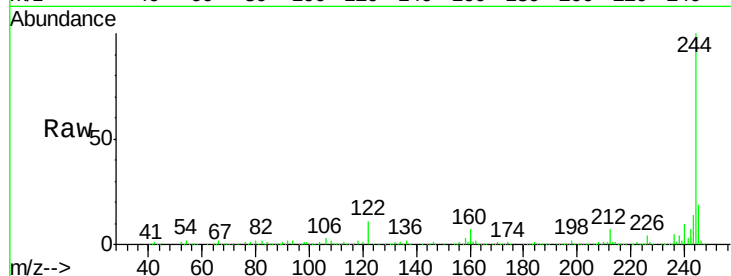
Tot Ion:244 Resp: 925752

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

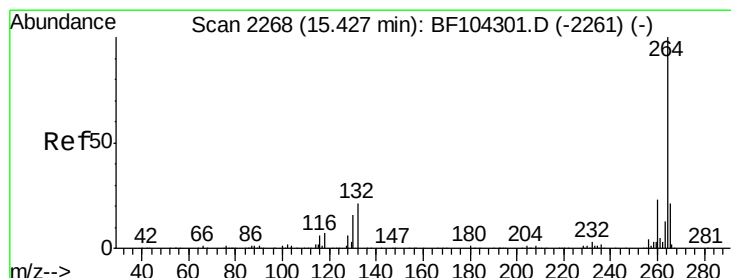
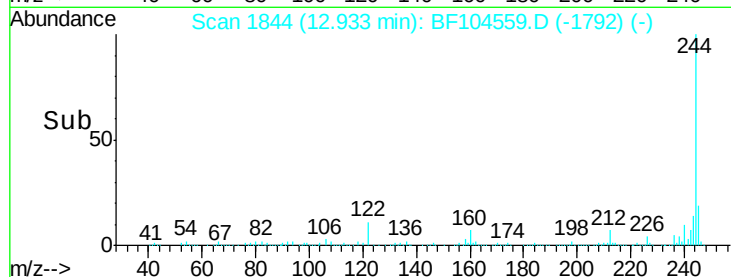
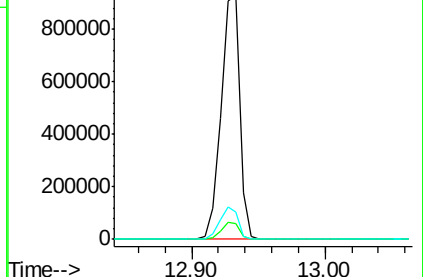
122 11.0 11.0 16.4



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: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF104559.D

Acq: 17 Apr 2018 3:05

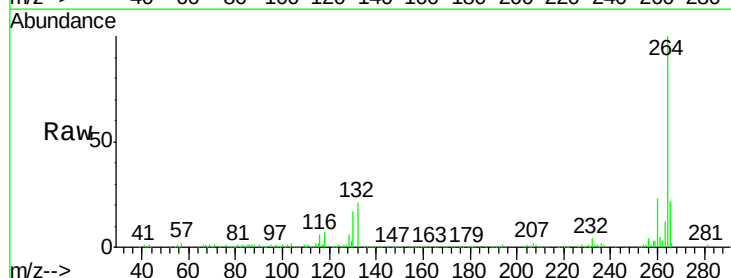
Tgt Ion:264 Resp: 242379

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.6 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

