

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104558.D
 Acq On : 17 Apr 2018 2:38
 Operator : JU/SJ
 Sample : J2360-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NAA-WS-003

Quant Time: Apr 17 03:15:06 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

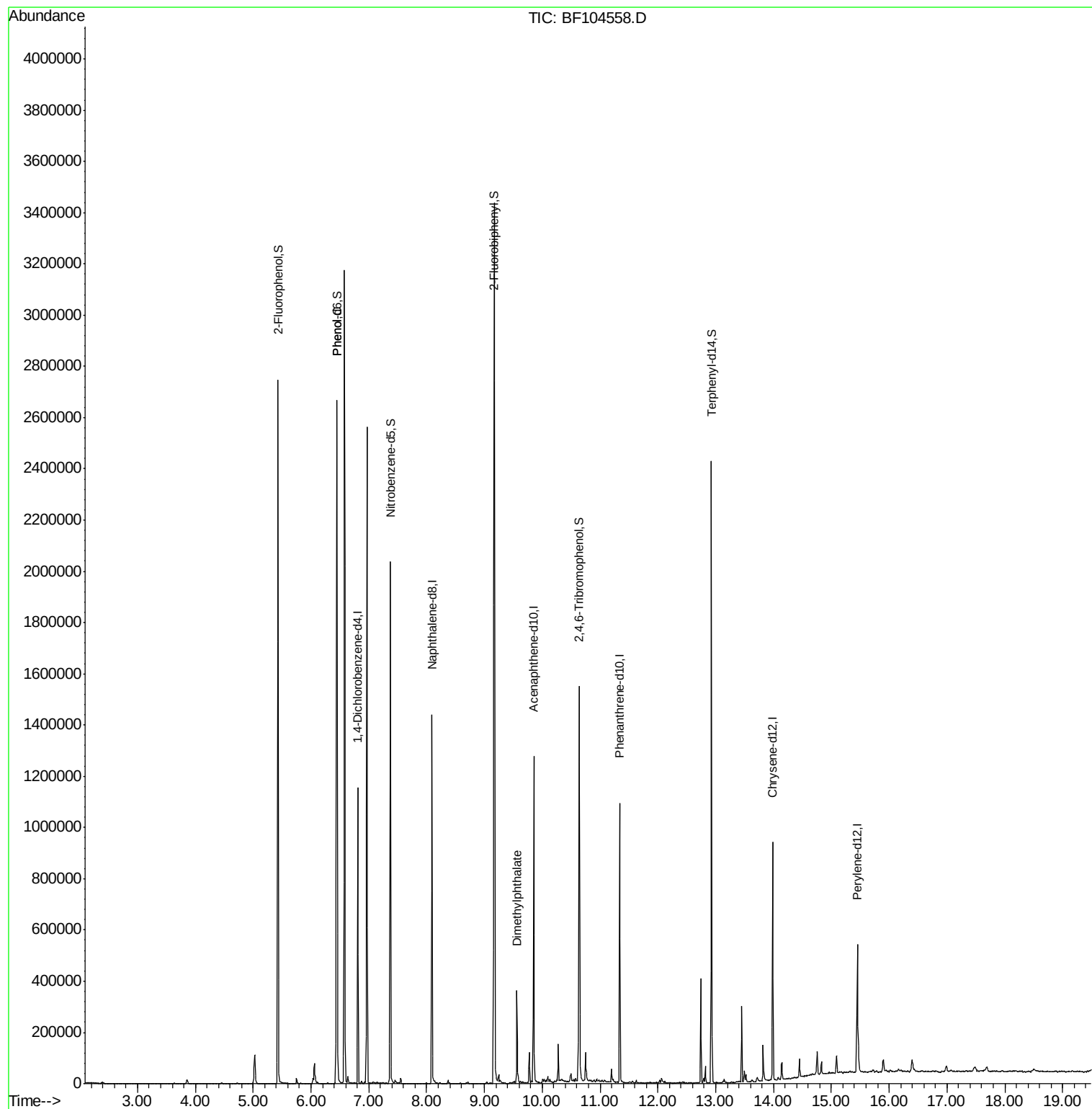
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	153887	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	605364	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	246220	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	353207	20.00	ng	0.00
75) Chrysene-d12	13.99	240	286588	20.00	ng	0.00
86) Perylene-d12	15.45	264	216785	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	893778	88.81	ng	0.01
7) Phenol-d6	6.45	99	1089783	88.13	ng	0.00
23) Nitrobenzene-d5	7.37	82	678827	73.22	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	196486	76.93	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1138898	73.07	ng	0.00
78) Terphenyl-d14	12.93	244	797846	63.47	ng	0.00
Target Compounds						
10) Phenol	6.46	94	39843	3.037	ng	92
49) Dimethylphthalate	9.56	163	140246	7.223	ng	99

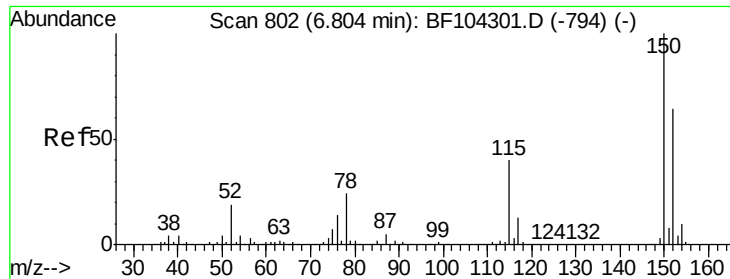
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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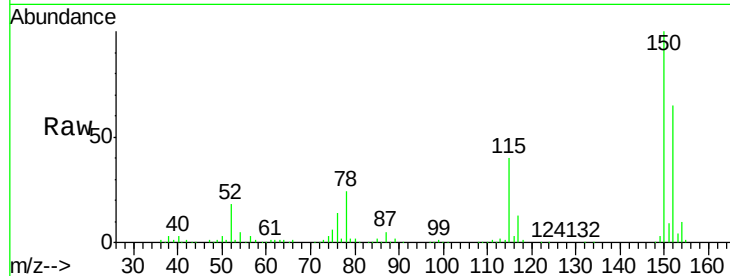


#1

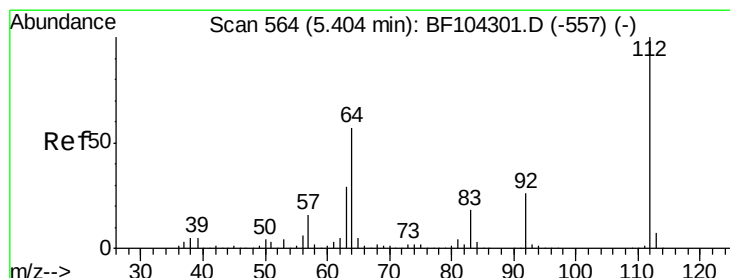
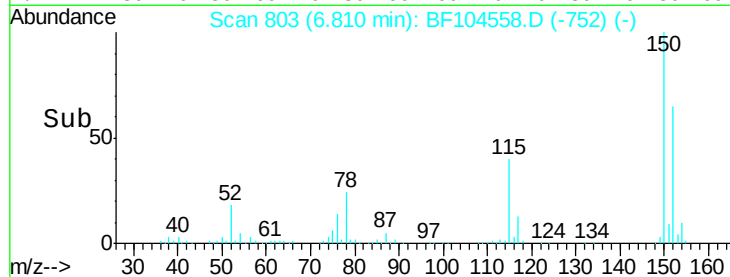
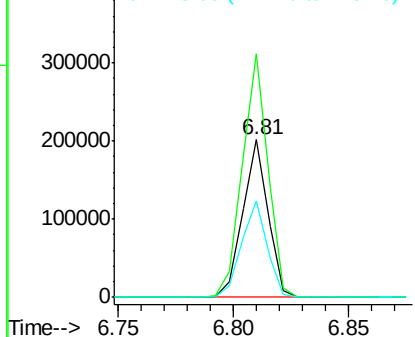
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Instrument :
BNA_F
ClientSampleId :
NAA-WS-003

Tot Ion:152 Resp: 153887
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 61.4 50.1 75.1



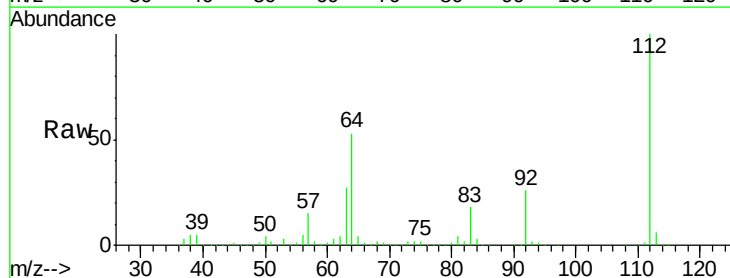
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



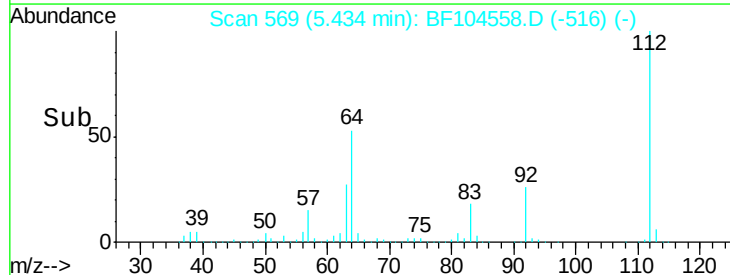
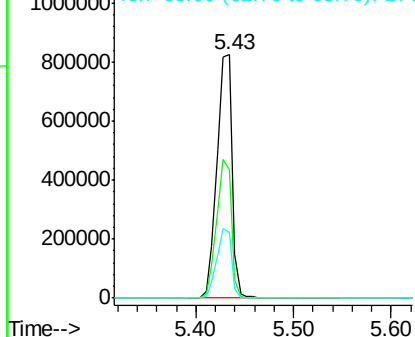
#5

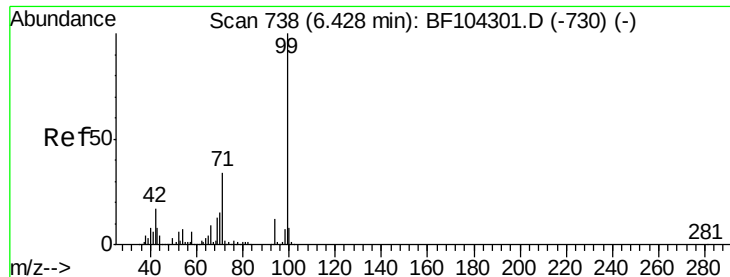
2-Fluorophenol
Concen: 88.808 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Tgt Ion:112 Resp: 893778
Ion Ratio Lower Upper
112 100
64 52.9 47.9 71.9
63 27.2 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: 88.130 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF104558.D

Acq: 17 Apr 2018 2:38

Instrument :

BNA_F

ClientSampleId :

NAA-WS-003

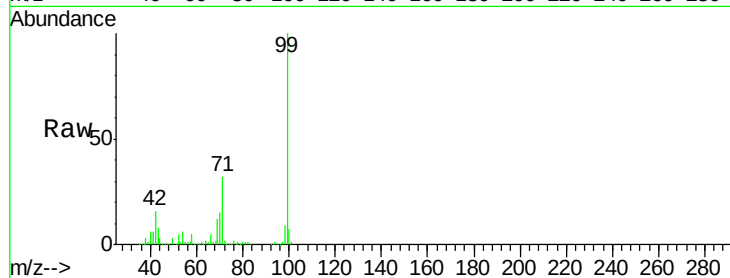
Tot Ion: 99 Resp: 1089783

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

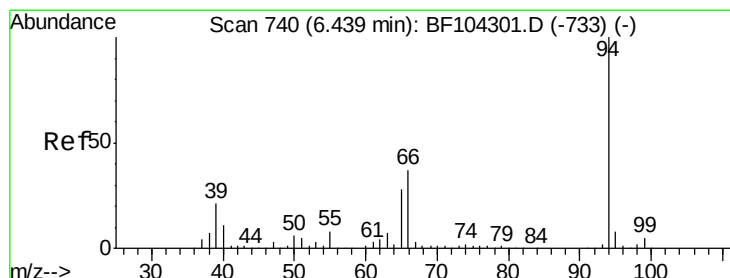
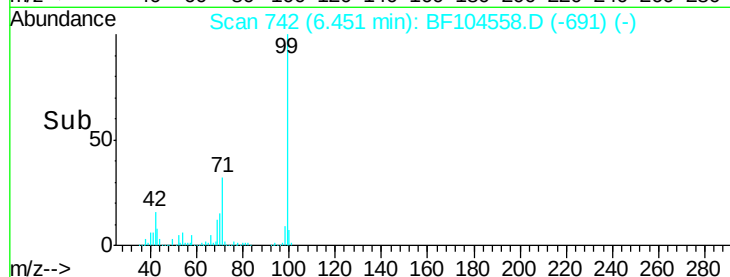
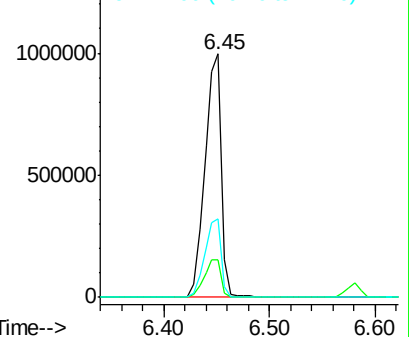
71 32.4 25.4 38.0



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: 3.037 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF104558.D

Acq: 17 Apr 2018 2:38

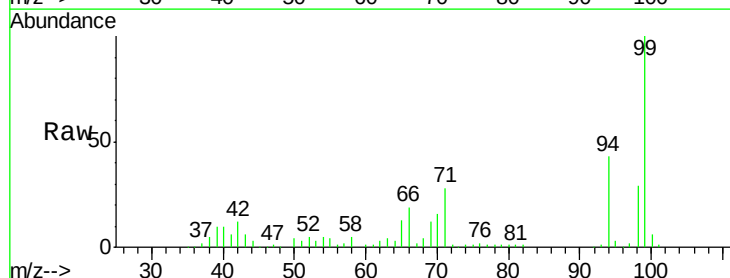
Tgt Ion: 94 Resp: 39843

Ion Ratio Lower Upper

94 100

65 29.1 7.9 47.9

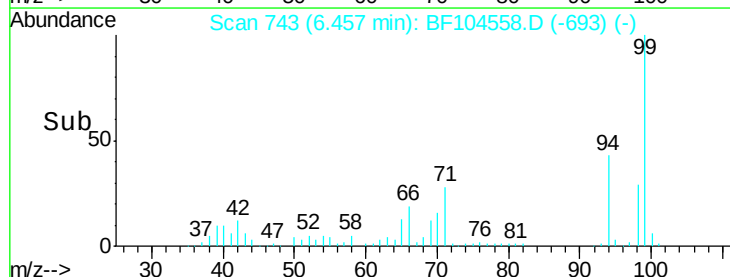
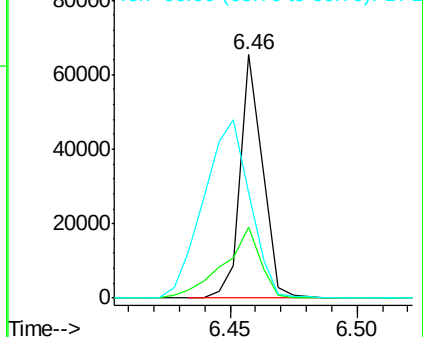
66 43.5 16.2 56.2

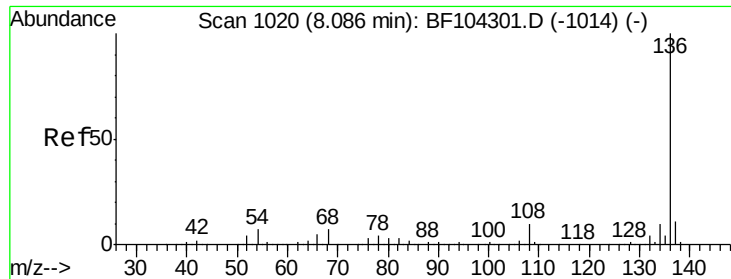


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

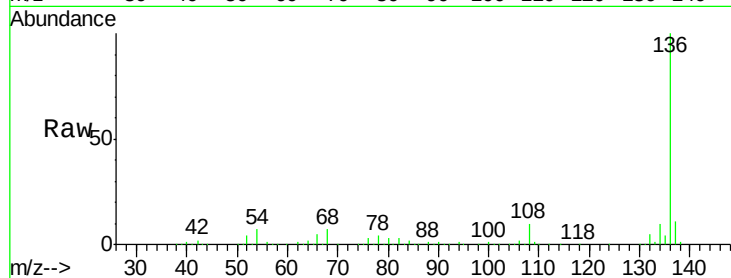




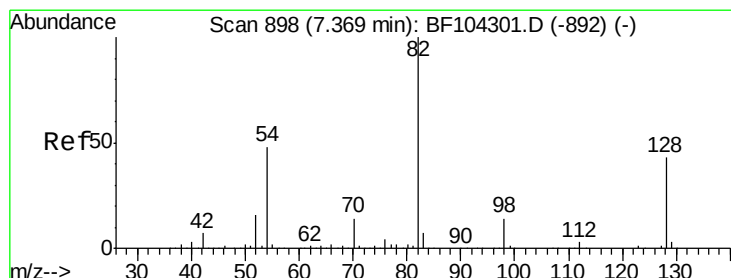
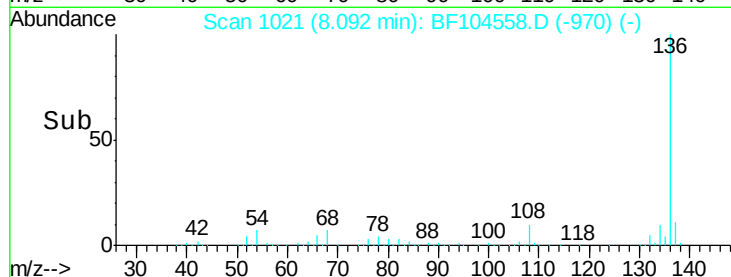
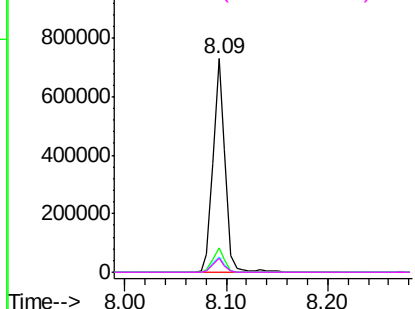
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Instrument :
BNA_F
ClientSampleId :
NAA-WS-003

Tot Ion:136	Resp:	605364
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.9 13.3
54	7.4	6.6 9.8
68	6.6	5.0 7.4

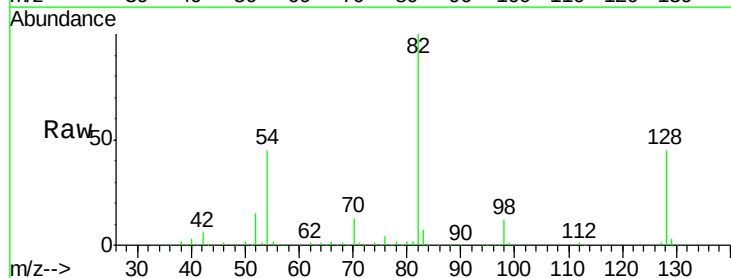


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

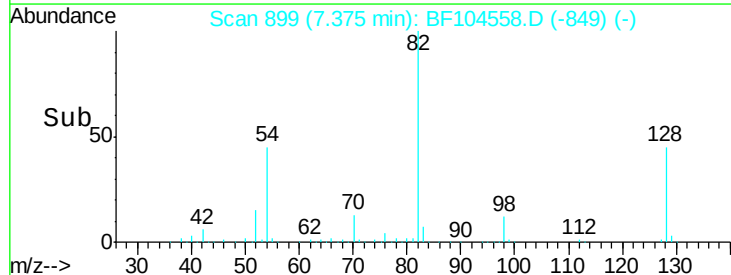
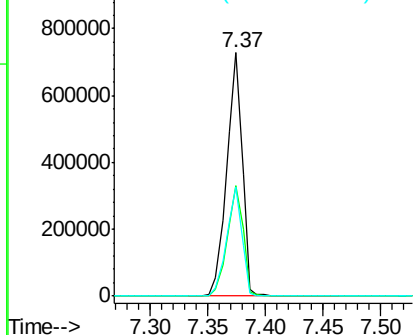


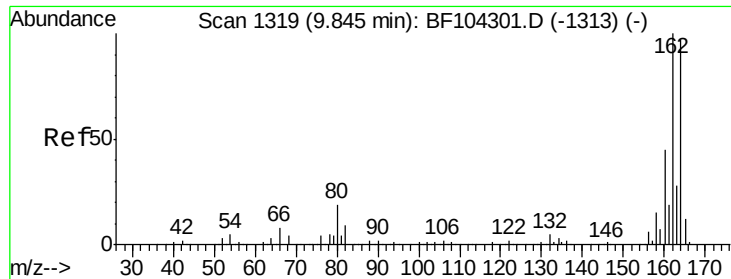
#23
Nitrobenzene-d5
Concen: 73.222 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Tgt Ion: 82	Resp:	678827
Ion	Ratio	Lower Upper
82	100	
128	45.5	36.1 54.1
54	44.9	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

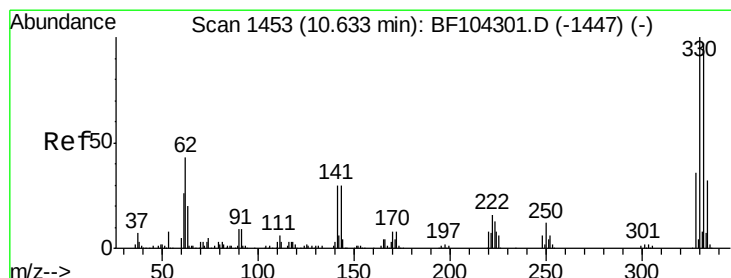
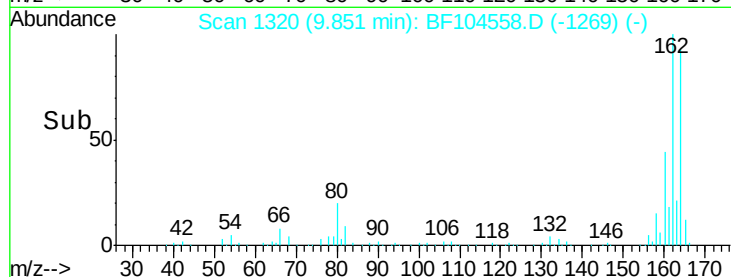
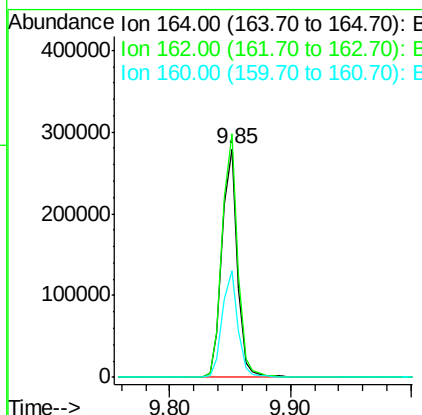
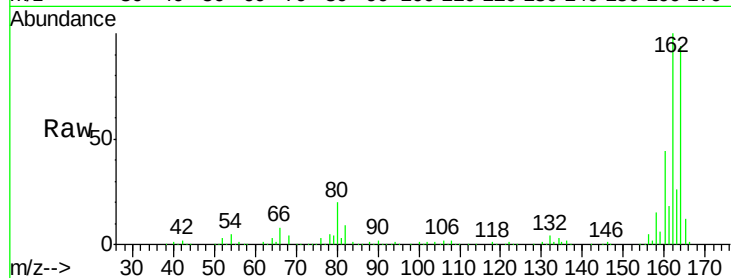




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF104558.D
 Acq: 17 Apr 2018 2:38

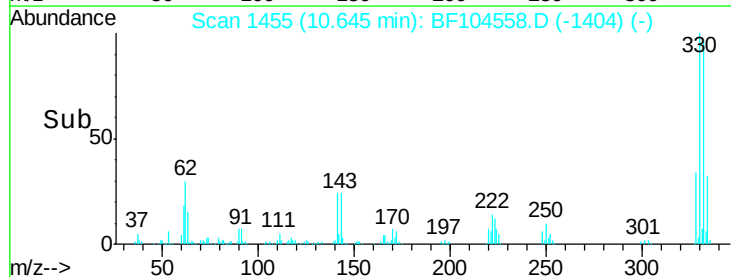
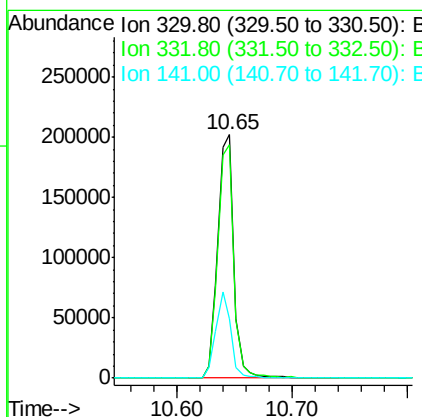
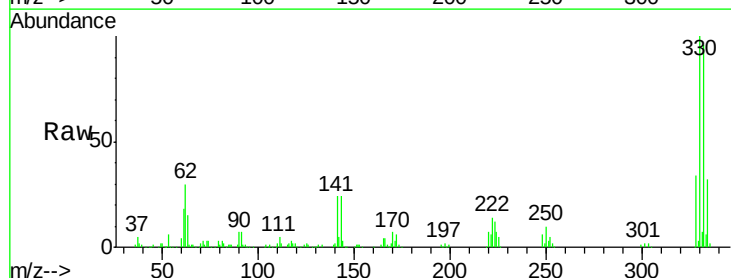
Instrument :
 BNA_F
 ClientSampleId :
 NAA-WS-003

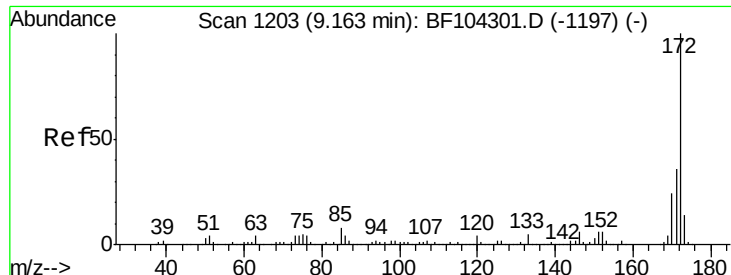
Tot Ion:164 Resp: 246220
 Ion Ratio Lower Upper
 164 100
 162 106.5 86.1 129.1
 160 46.5 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 76.929 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF104558.D
 Acq: 17 Apr 2018 2:38

Tgt Ion:330 Resp: 196486
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 33.1 29.9 44.9

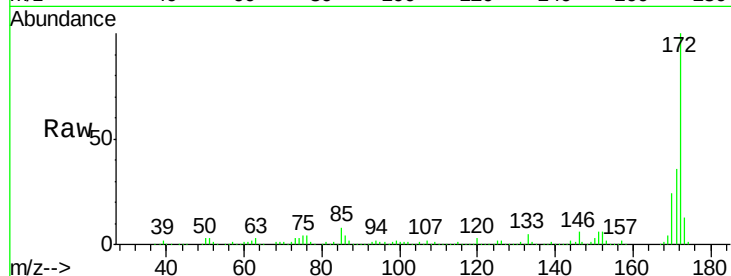




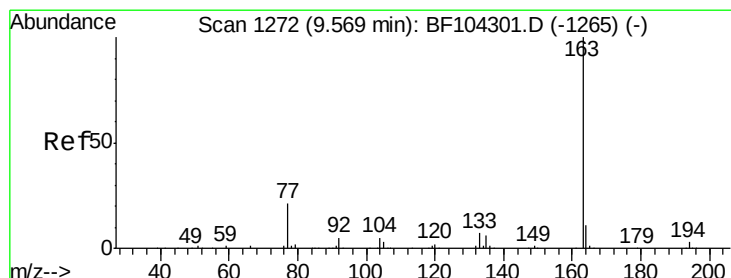
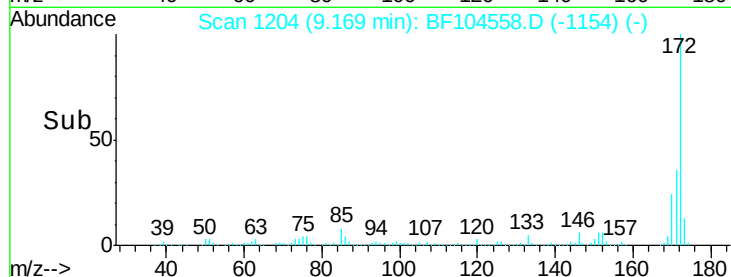
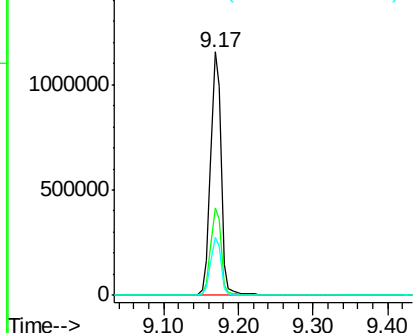
#44
2-Fluorobiphenyl
Concen: 73.072 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Instrument :
BNA_F
ClientSampleId :
NAA-WS-003

Tot Ion:172 Resp: 1138898
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.0 19.6 29.4

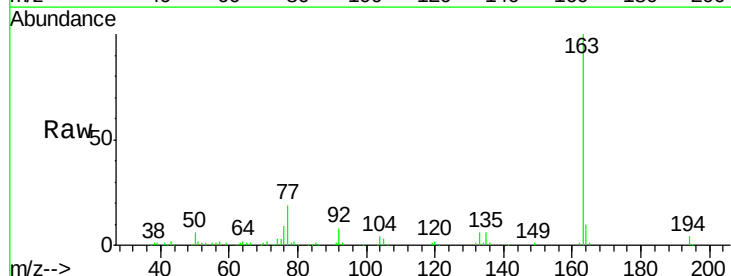


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

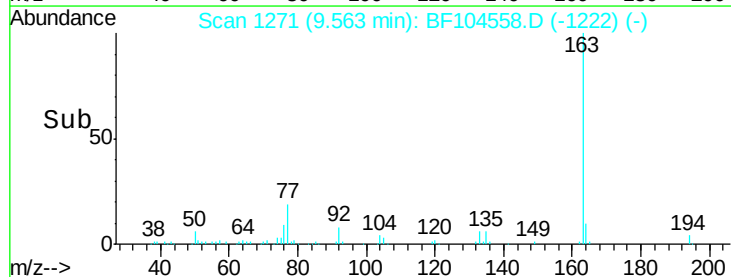
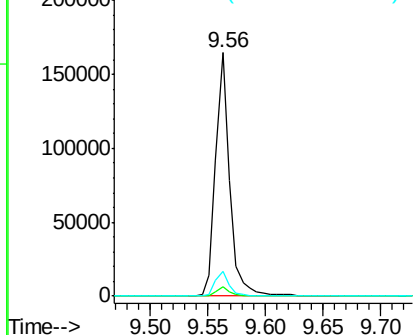


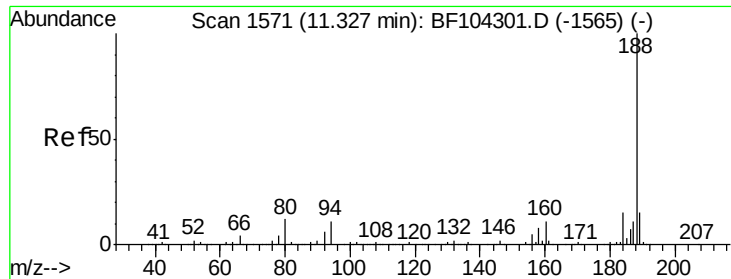
#49
Dimethylphthalate
Concen: 7.223 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Tgt Ion:163 Resp: 140246
Ion Ratio Lower Upper
163 100
194 3.7 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

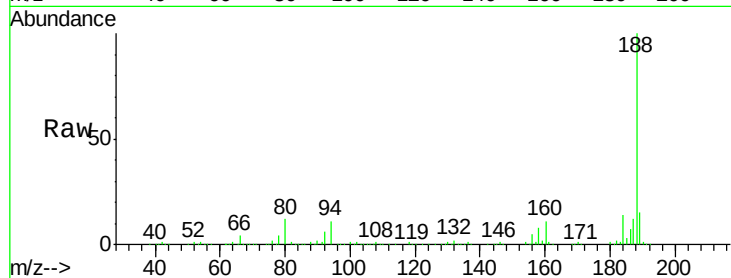




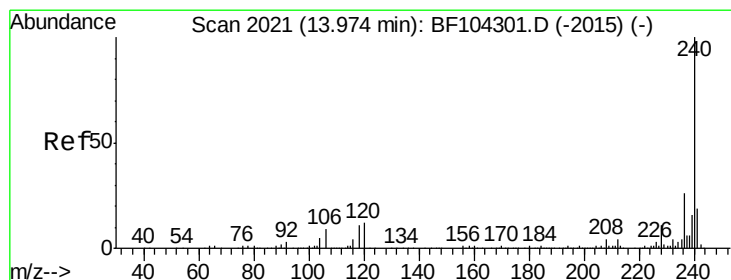
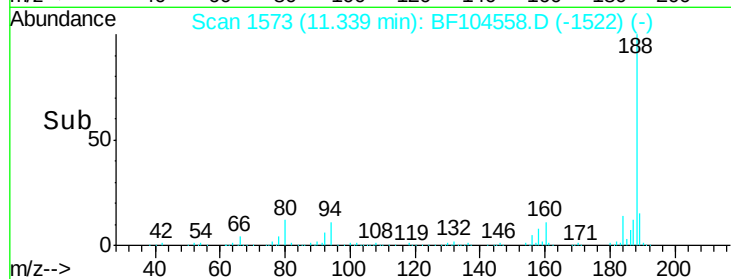
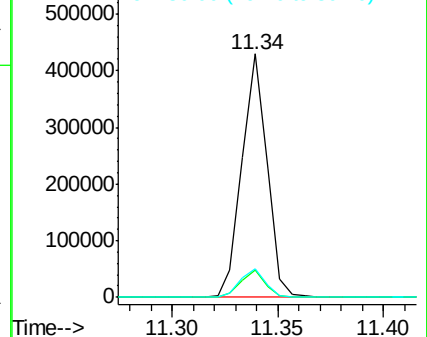
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Instrument :
BNA_F
ClientSampleId :
NAA-WS-003

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	11.9	9.2	13.8

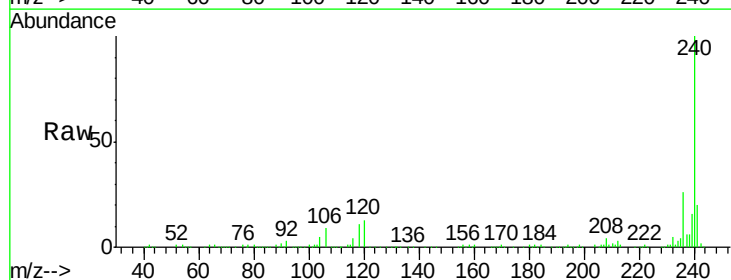


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

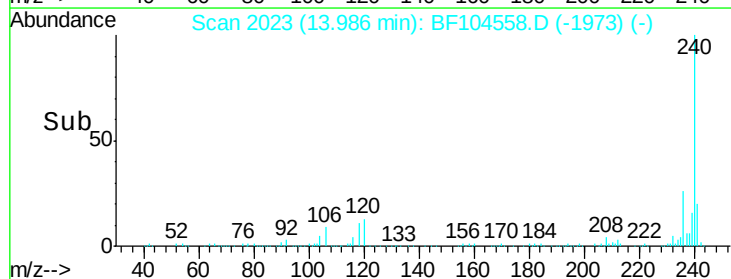
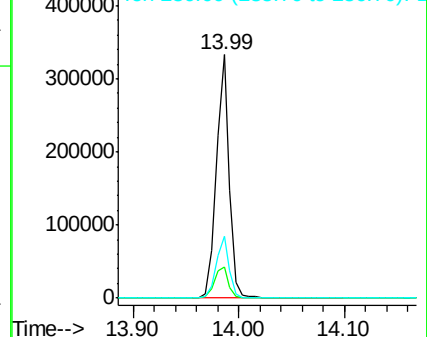


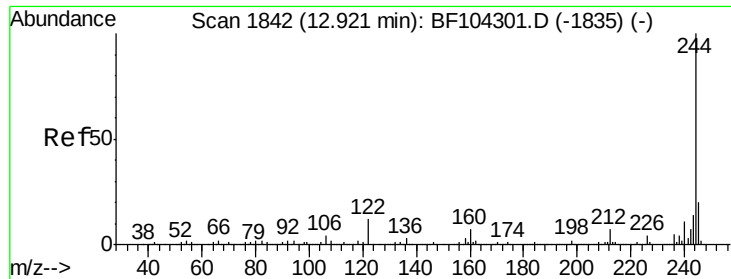
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104558.D
Acq: 17 Apr 2018 2:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	25.7	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

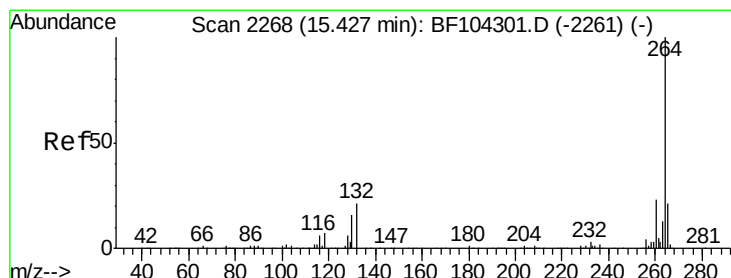
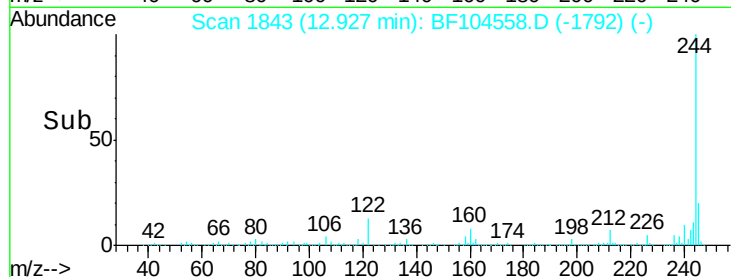
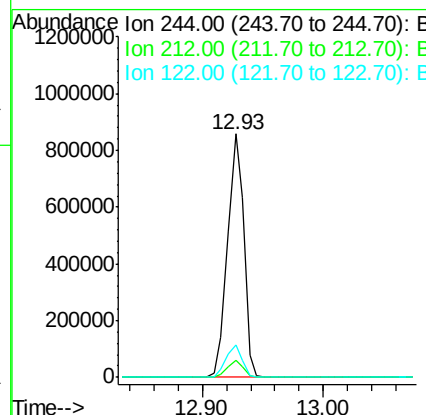
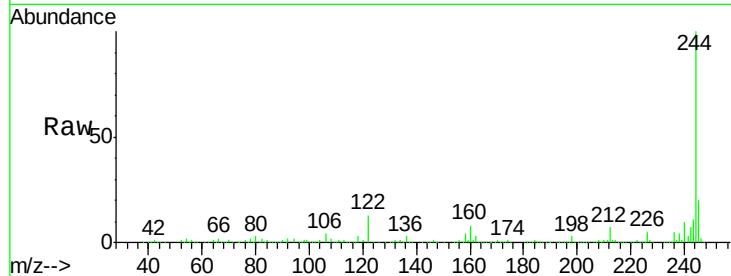




#78
 Terphenyl-d14
 Concen: 63.469 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: BF104558.D
 Acq: 17 Apr 2018 2:38

Instrument :
 BNA_F
 ClientSampleId :
 NAA-WS-003

Tot Ion:244 Resp: 797846
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF104558.D
 Acq: 17 Apr 2018 2:38

Tgt Ion:264 Resp: 216785
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 20.3 17.5 26.3

