

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
 Data File : BM011098.D
 Acq On : 02 Aug 2017 17:26
 Operator : SJ/JU
 Sample : I4541-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 02 23:17:47 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

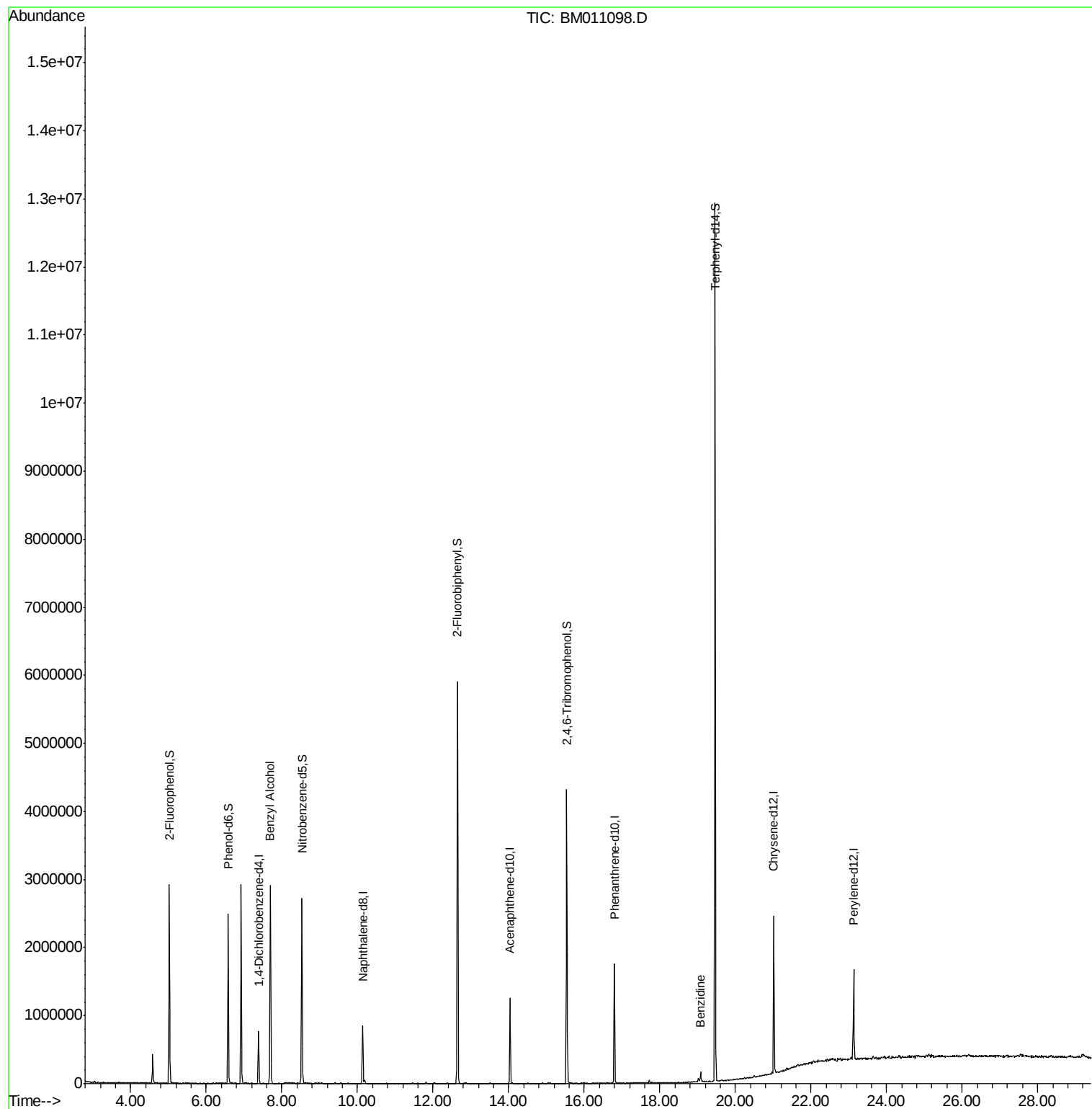
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	137334	20.00	ng	-0.01
21) Naphthalene-d8	10.14	136	512893	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	339149	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	902153	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1019642	20.00	ng	-0.01
86) Perylene-d12	23.13	264	878730	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	767154	94.43	ng	0.00
7) Phenol-d6	6.58	99	986058	85.43	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1423206	104.14	ng	-0.01
41) 2,4,6-Tribromophenol	15.54	330	544513	100.17	ng	-0.02
44) 2-Fluorobiphenyl	12.65	172	2499642	92.43	ng	-0.01
78) Terphenyl-d14	19.46	244	4529875	88.00	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.69	79	27972	2.53	ng	Qvalue # 39
76) Benzidine	19.08	184	86905	3.56	ng	100

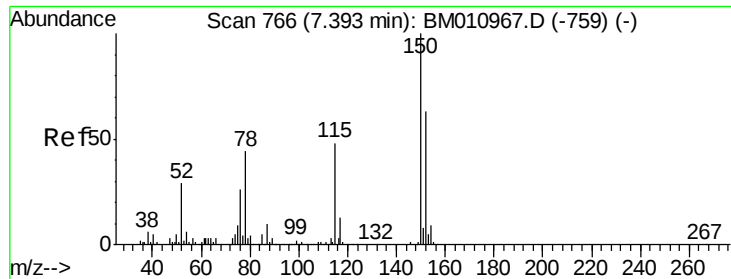
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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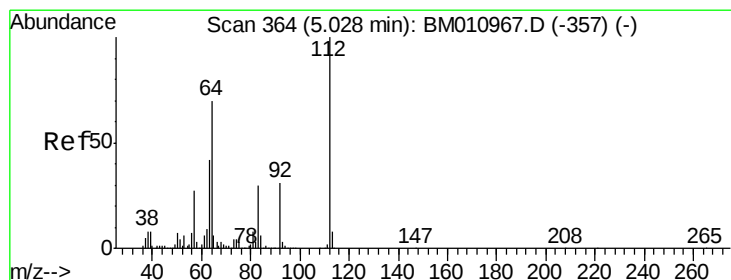
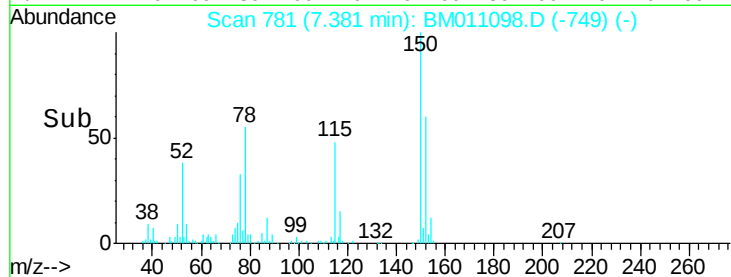
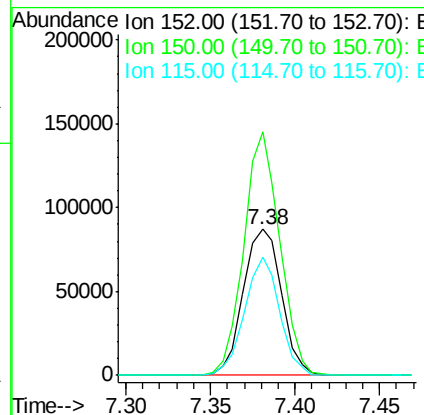
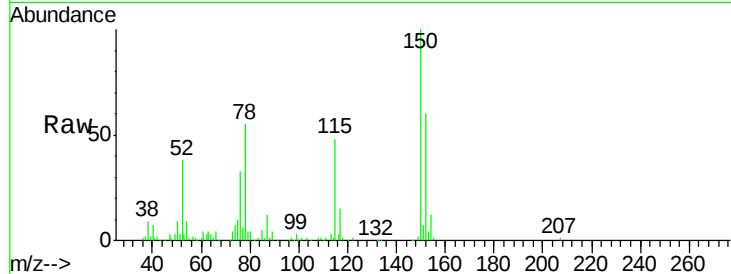


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011098.D
Acq: 02 Aug 2017 17:26

Instrument :
BNA_M
ClientSampleId :

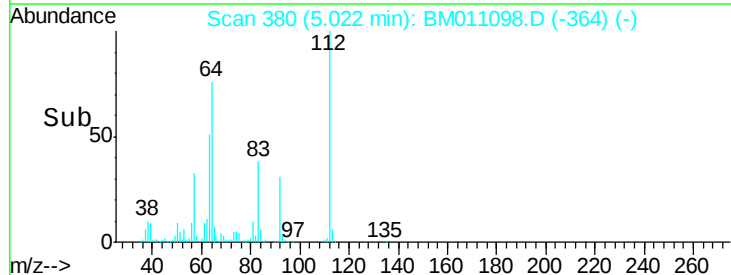
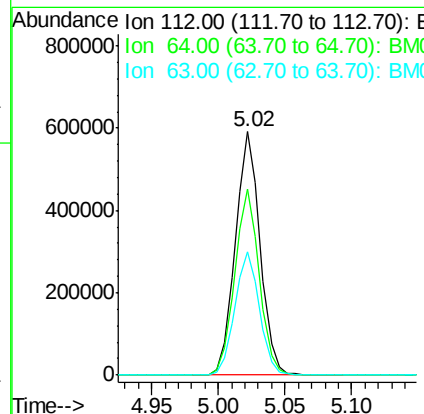
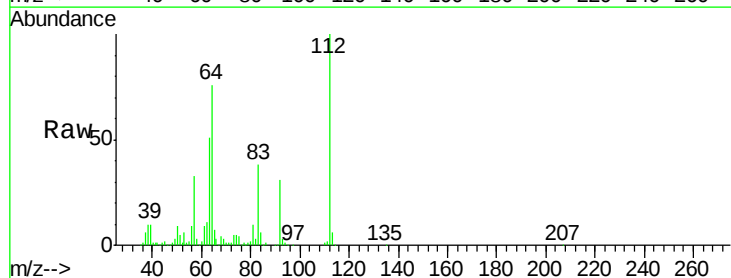
Tot Ion	Ratio	Lower	Upper
152	100		
150	166.7	119.5	179.3
115	80.6	43.0	64.4

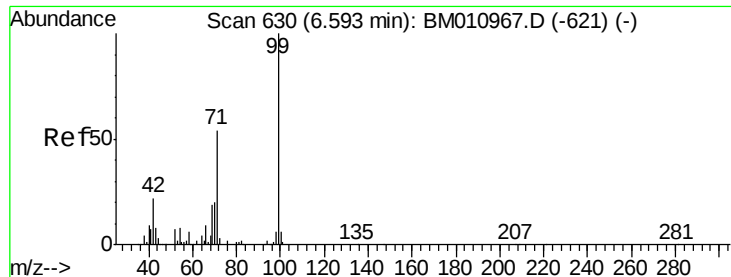


#5

2-Fluorophenol
Concen: 94.43 ng
RT: 5.02 min Scan# 380
Delta R.T. -0.00 min
Lab File: BM011098.D
Acq: 02 Aug 2017 17:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.3	38.6	57.8
63	50.7	19.3	28.9





#7

Phenol-d6

Concen: 85.43 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011098.D

Acq: 02 Aug 2017 17:26

Instrument :

BNA_M

ClientSampleId :

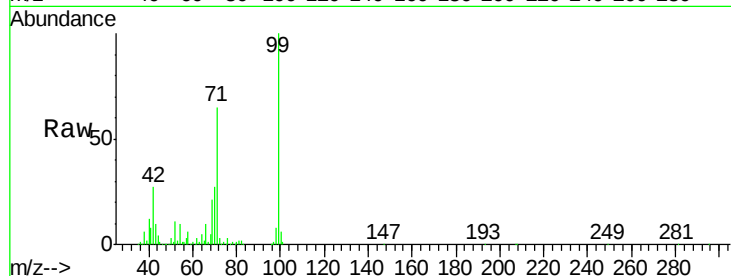
Tot Ion: 99 Resp: 986058

Ion Ratio Lower Upper

99 100

42 27.2 11.0 16.4#

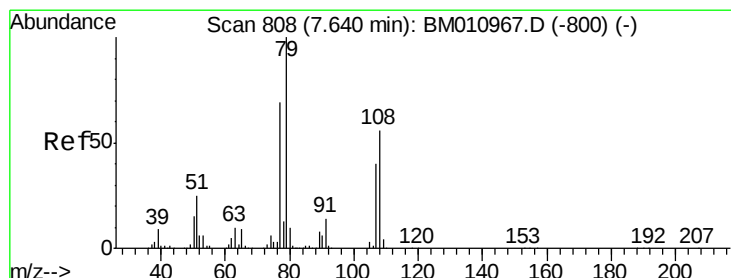
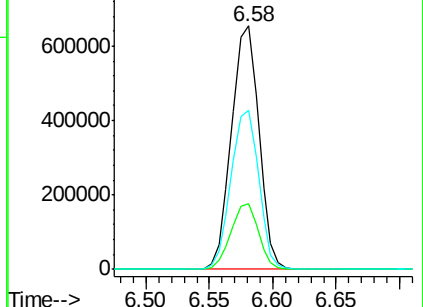
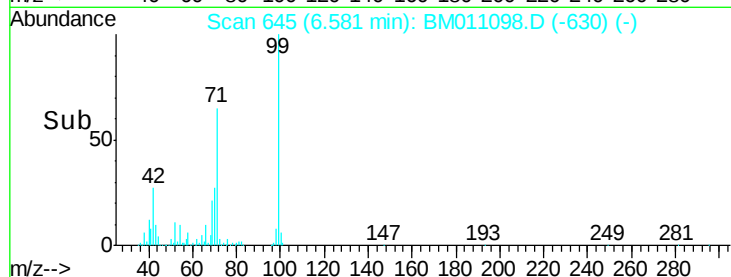
71 65.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011098.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011098.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011098.D (-630) (-)



#15

Benzyl Alcohol

Concen: 2.53 ng

RT: 7.69 min Scan# 834

Delta R.T. 0.05 min

Lab File: BM011098.D

Acq: 02 Aug 2017 17:26

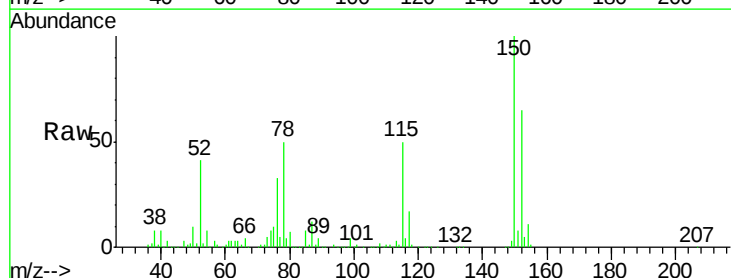
Tgt Ion: 79 Resp: 27972

Ion Ratio Lower Upper

79 100

108 50.2 65.0 97.4#

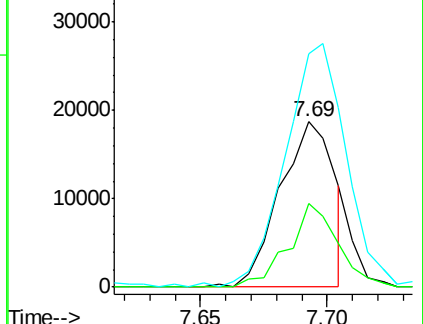
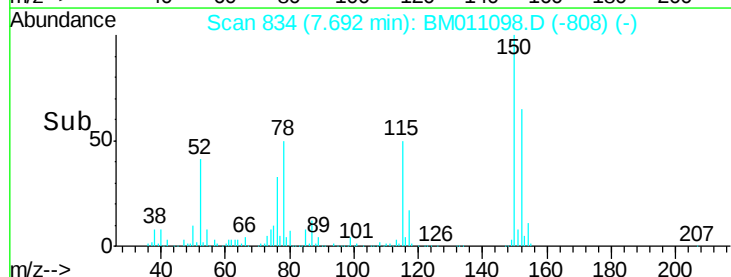
77 141.2 53.0 79.6#

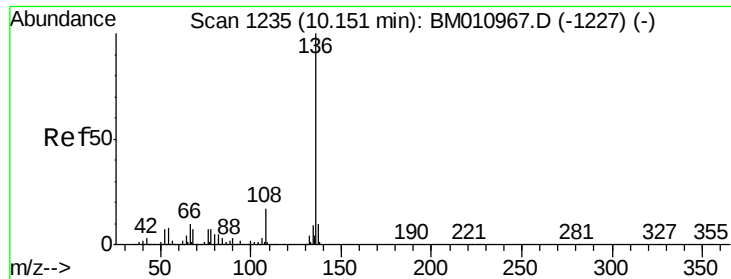


Abundance Ion 79.00 (78.70 to 79.70): BM011098.D (-808) (-)

Ion 108.00 (107.70 to 108.70): BM011098.D (-808) (-)

Ion 77.00 (76.70 to 77.70): BM011098.D (-808) (-)

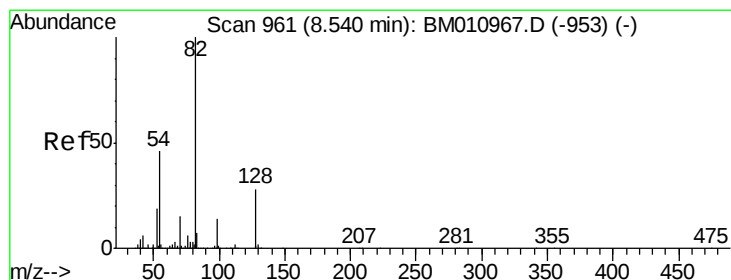
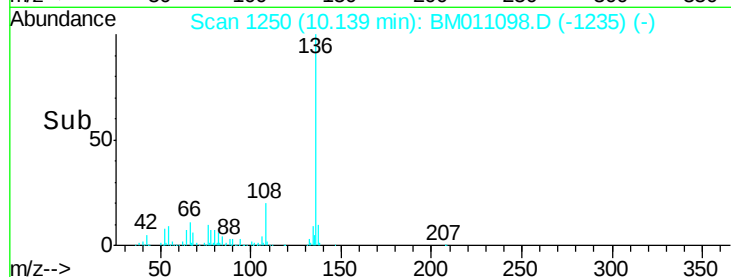
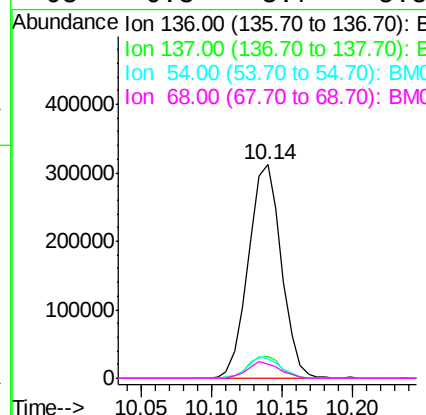
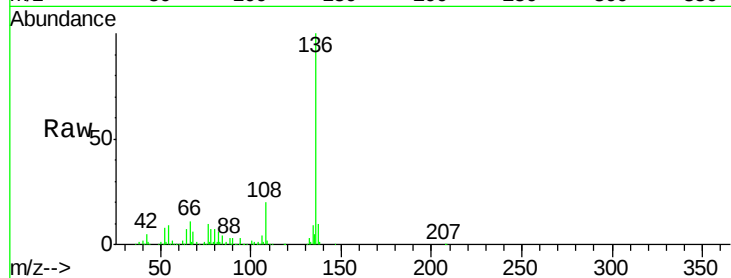




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.14 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM011098.D
Acq: 02 Aug 2017 17:26

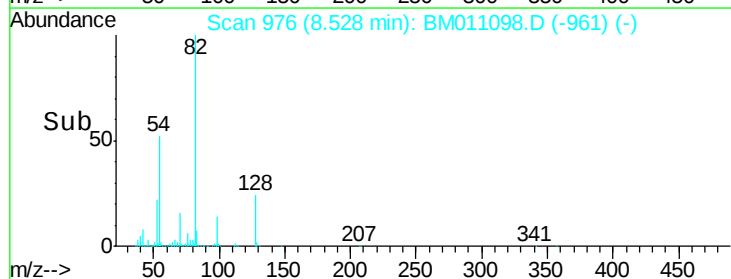
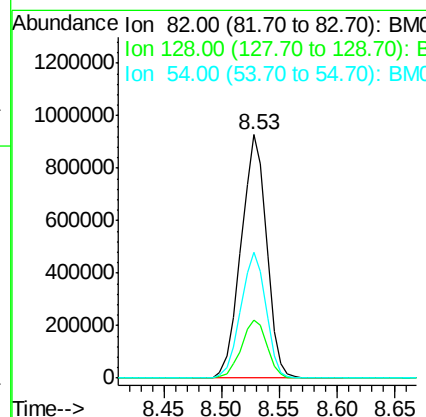
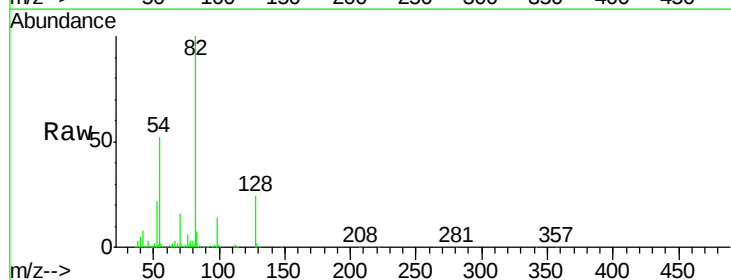
Instrument :
BNA_M
ClientSampleId :

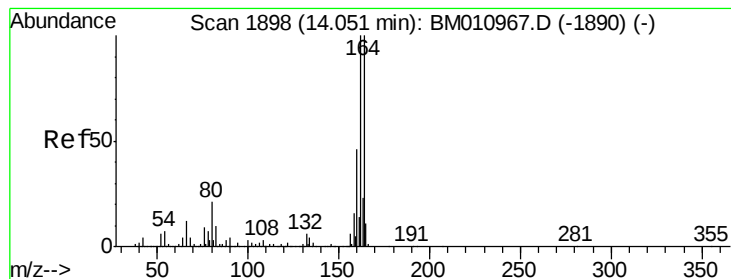
Tot Ion:136	Resp: 512893
Ion Ratio	Lower Upper
136 100	
137 10.3	8.7 13.1
54 8.7	4.6 6.8#
68 6.3	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 104.14 ng
RT: 8.53 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM011098.D
Acq: 02 Aug 2017 17:26

Tgt Ion: 82	Resp: 1423206
Ion Ratio	Lower Upper
82 100	
128 23.9	32.8 49.2#
54 51.9	40.6 60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.04 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BM011098.D

Acq: 02 Aug 2017 17:26

Instrument :

BNA_M

ClientSampleId :

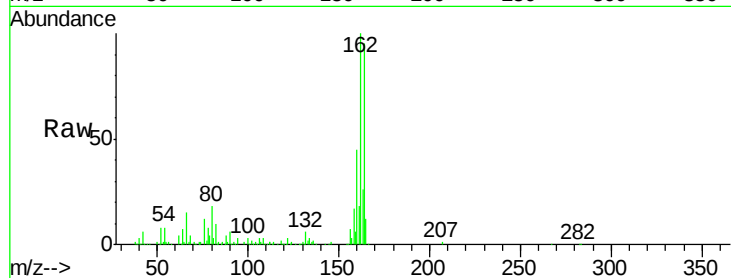
Tot Ion:164 Resp: 339149

Ion Ratio Lower Upper

164 100

162 105.4 82.4 123.6

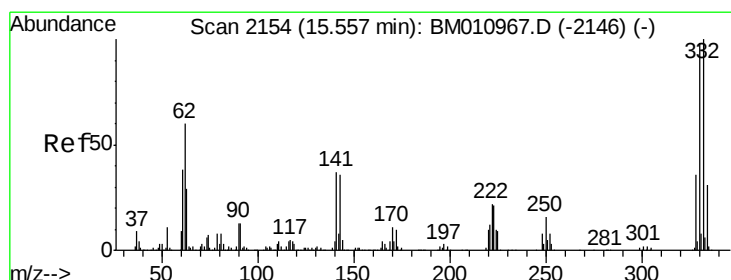
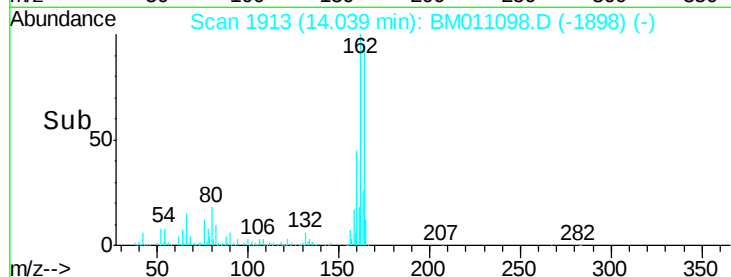
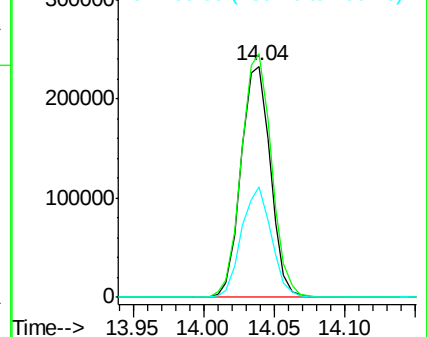
160 47.7 35.8 53.6



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: 100.17 ng

RT: 15.54 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BM011098.D

Acq: 02 Aug 2017 17:26

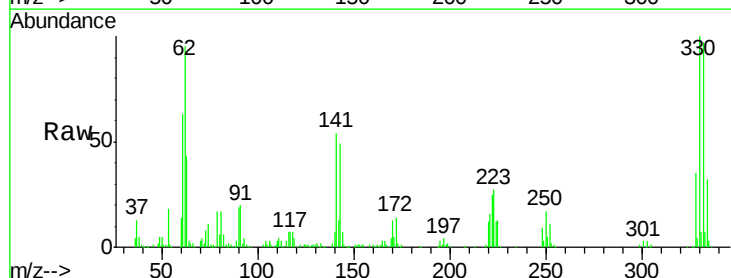
Tgt Ion:330 Resp: 544513

Ion Ratio Lower Upper

330 100

332 98.6 0.0 0.0#

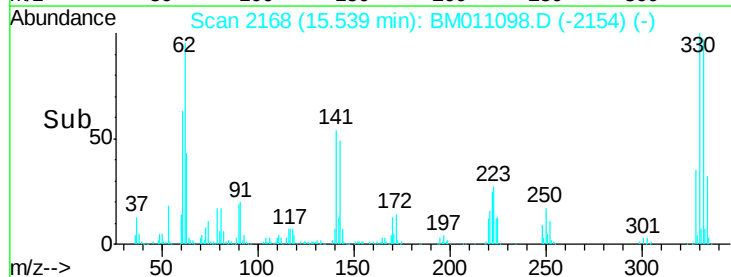
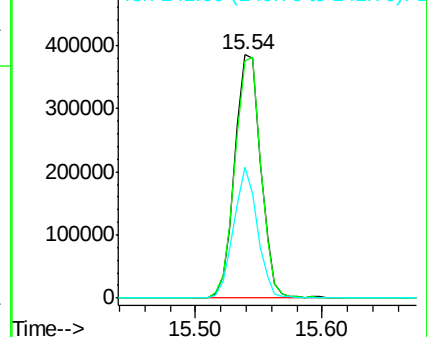
141 49.4 0.0 0.0#

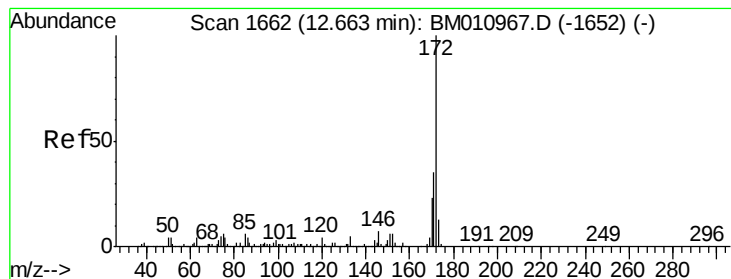


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 92.43 ng

RT: 12.65 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BM011098.D

Acq: 02 Aug 2017 17:26

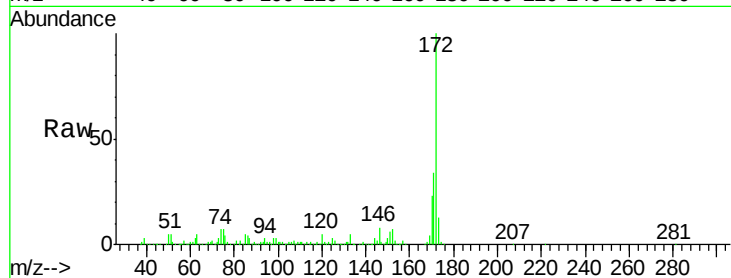
Instrument :

BNA_M

ClientSampleId :

Tot Ion:172 Resp: 2499642

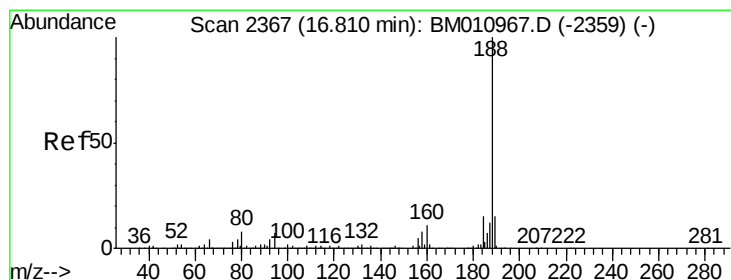
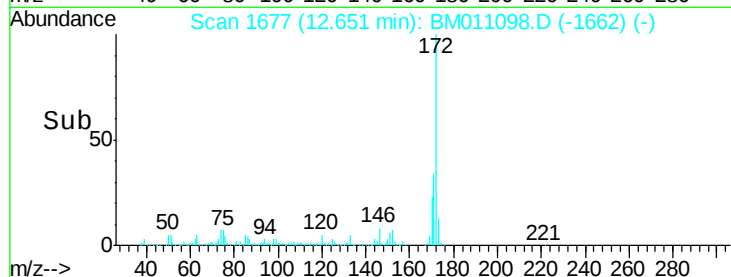
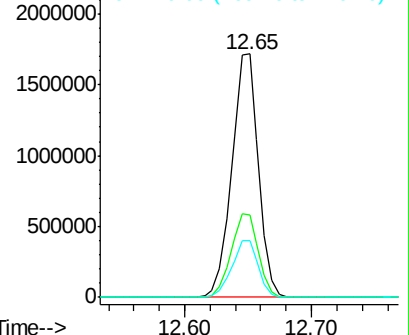
Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.5	42.7
170	23.2	18.8	28.2



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.80 min Scan# 2382

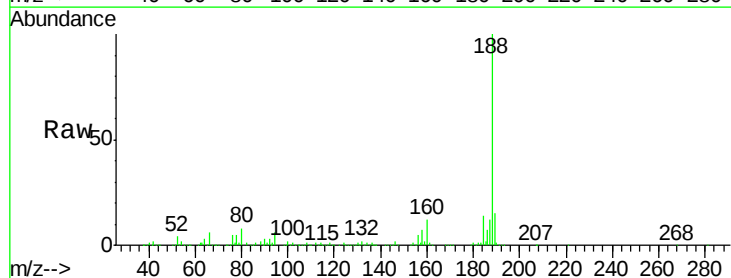
Delta R.T. -0.01 min

Lab File: BM011098.D

Acq: 02 Aug 2017 17:26

Tgt Ion:188 Resp: 902153

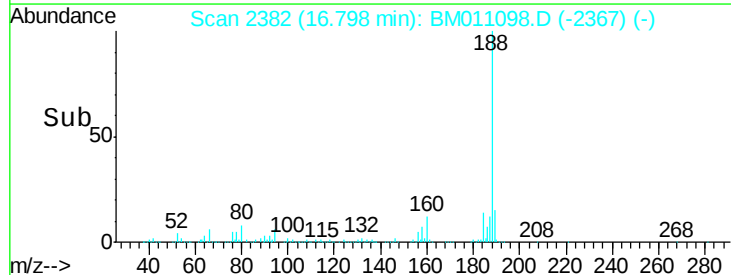
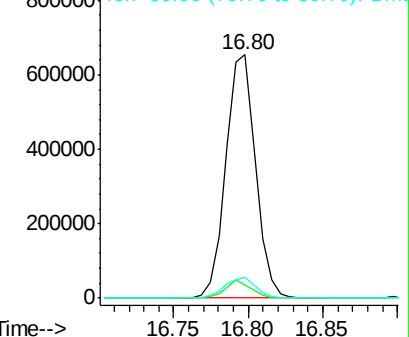
Ion	Ratio	Lower	Upper
188	100		
94	5.7	8.7	13.1#
80	8.3	9.3	13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

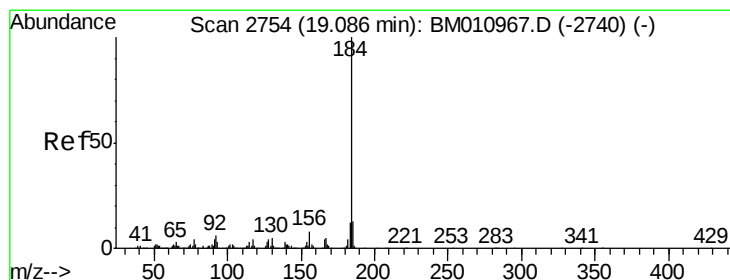
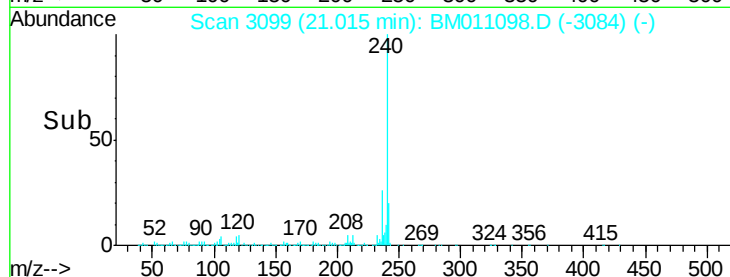
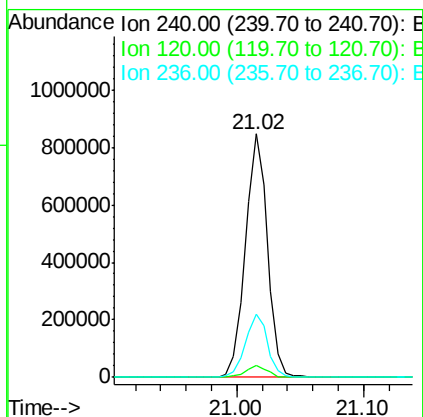
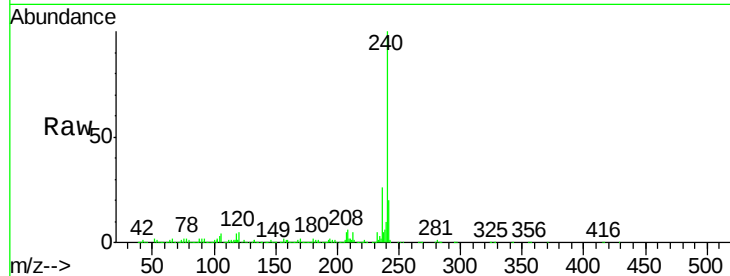




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.02 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BM011098.D
 Acq: 02 Aug 2017 17:26

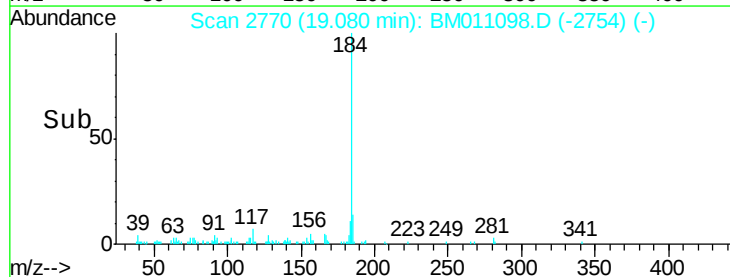
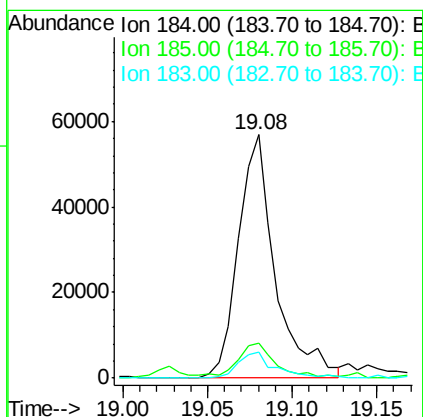
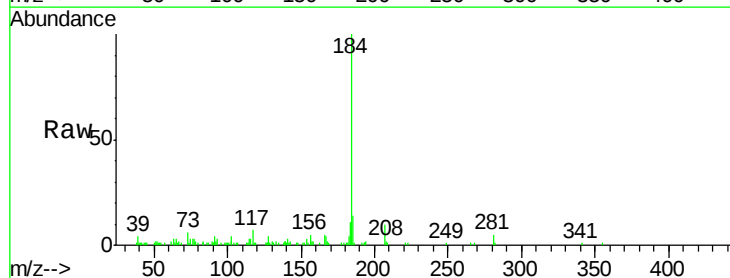
Instrument :
 BNA_M
 ClientSampled :

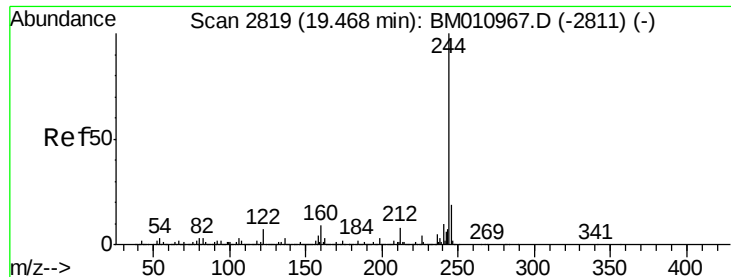
Tot Ion:240 Resp: 1019642
 Ion Ratio Lower Upper
 240 100
 120 4.9 8.2 12.2#
 236 26.1 20.0 30.0



#76
 Benzidine
 Concen: 3.56 ng
 RT: 19.08 min Scan# 2770
 Delta R.T. -0.01 min
 Lab File: BM011098.D
 Acq: 02 Aug 2017 17:26

Tgt Ion:184 Resp: 86905
 Ion Ratio Lower Upper
 184 100
 185 14.1 11.3 16.9
 183 10.8 8.9 13.3





#78

Terphenyl-d14

Concen: 88.00 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011098.D

Acq: 02 Aug 2017 17:26

Instrument :

BNA_M

ClientSampled :

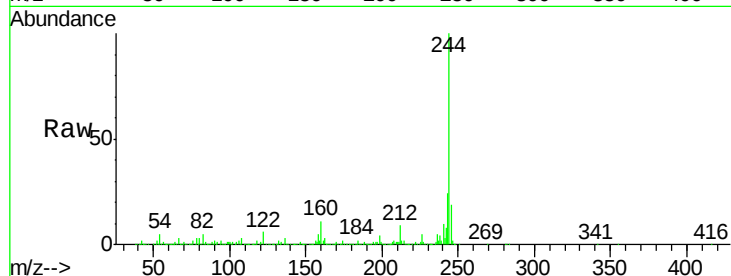
Tot Ion:244 Resp: 4529875

Ion Ratio Lower Upper

244 100

212 9.0 4.9 7.3#

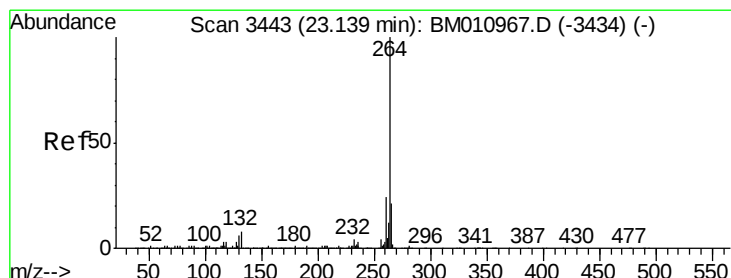
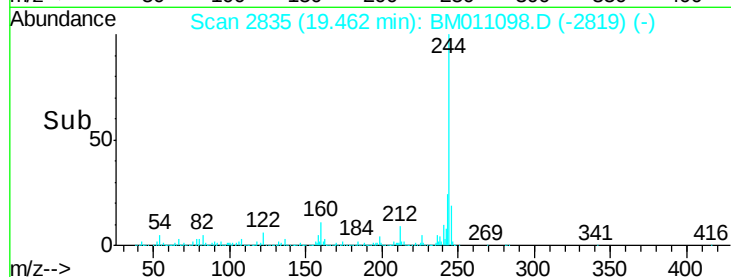
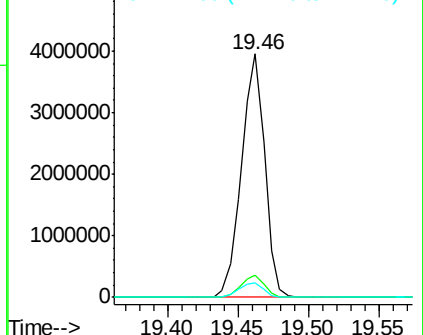
122 5.7 6.2 9.4#



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: 20.00 ng

RT: 23.13 min Scan# 3458

Delta R.T. -0.01 min

Lab File: BM011098.D

Acq: 02 Aug 2017 17:26

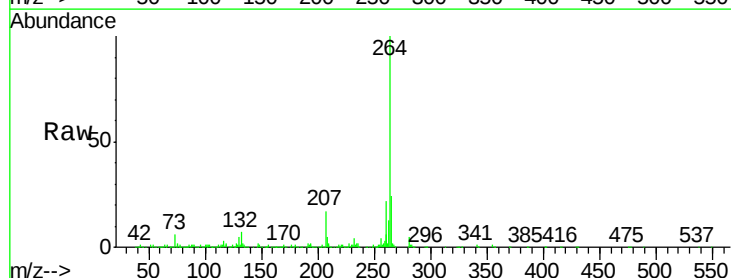
Tgt Ion:264 Resp: 878730

Ion Ratio Lower Upper

264 100

260 22.3 18.6 27.8

265 24.3 17.3 25.9



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

