

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081717\
 Data File : BM011280.D
 Acq On : 17 Aug 2017 23:20
 Operator : SJ/JU
 Sample : I4844-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-081617

Quant Time: Aug 18 01:06:07 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

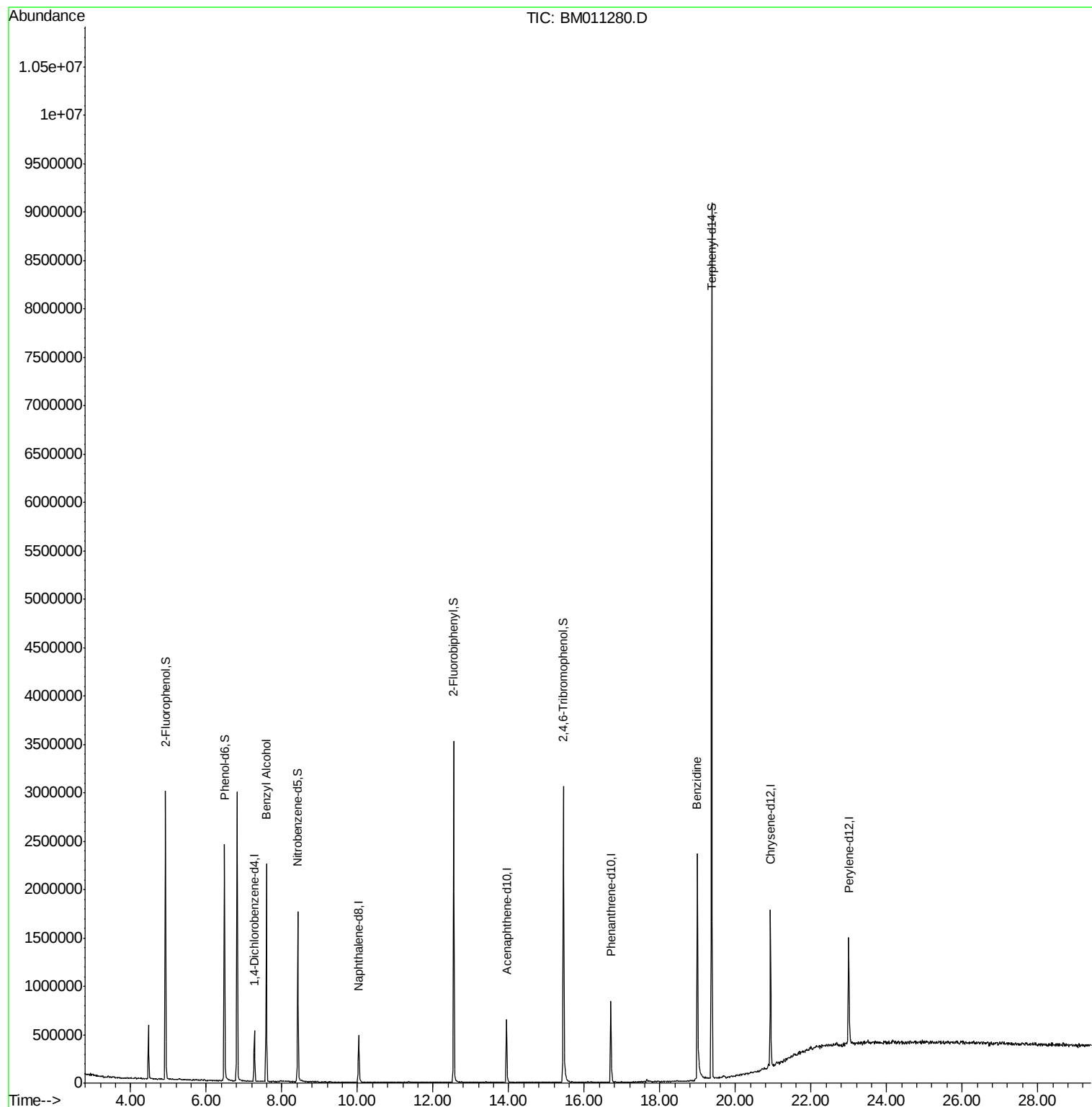
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	86485	20.00	ng	-0.01
21) Naphthalene-d8	10.03	136	274981	20.00	ng	-0.01
38) Acenaphthene-d10	13.94	164	178456	20.00	ng	-0.01
63) Phenanthrene-d10	16.70	188	468865	20.00	ng	-0.01
75) Chrysene-d12	20.93	240	779952	20.00	ng	-0.02
86) Perylene-d12	23.00	264	775086	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	698119	136.45	ng	-0.01
7) Phenol-d6	6.48	99	884885	121.73	ng	-0.01
23) Nitrobenzene-d5	8.42	82	946871	129.24	ng	-0.02
41) 2,4,6-Tribromophenol	15.45	330	409331	143.11	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	1431225	100.58	ng	-0.02
78) Terphenyl-d14	19.37	244	3134988	79.62	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.59	79	21807	3.13	ng	Qvalue # 27
76) Benzidine	18.99	184	1404642	75.28	ng	99

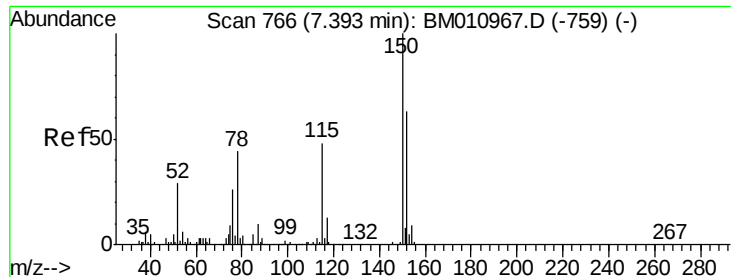
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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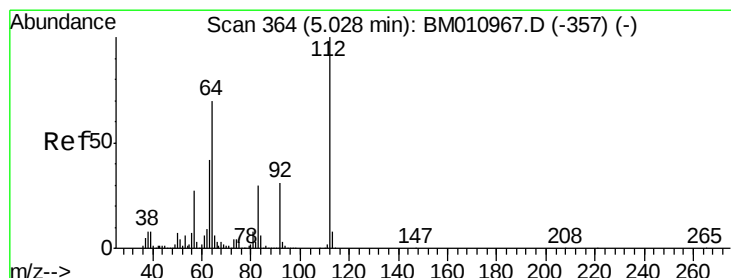
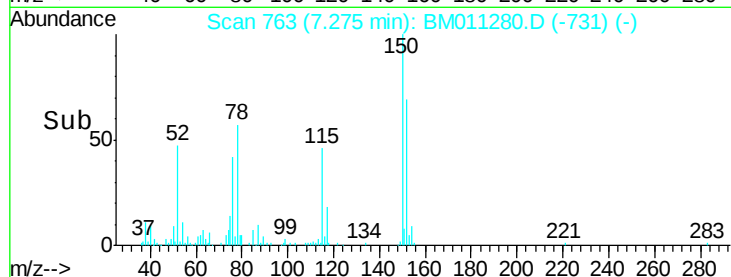
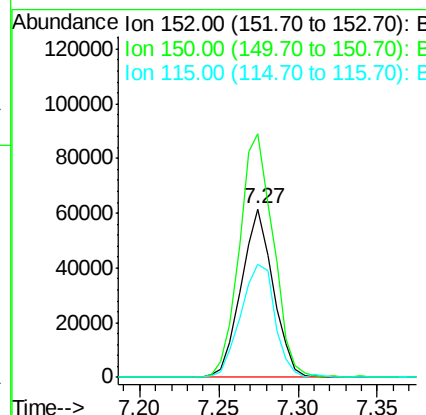
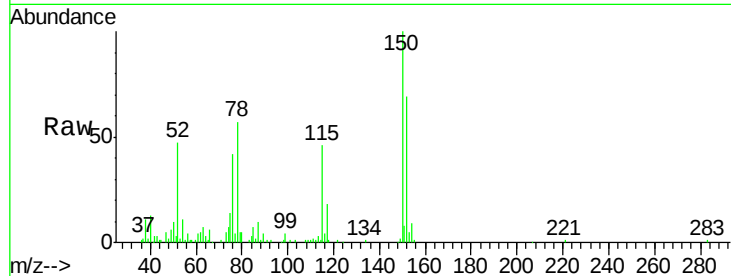


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM011280.D
Acq: 17 Aug 2017 23:20

Instrument :
BNA_M
ClientSampleId :
OR-03-081617

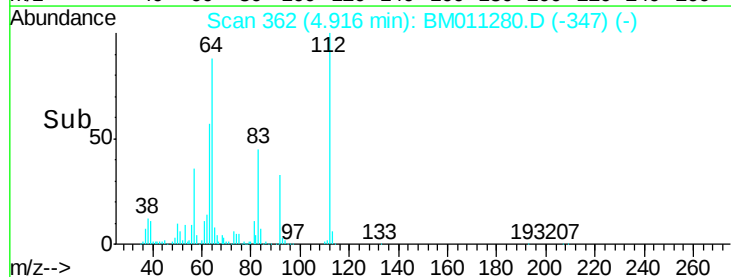
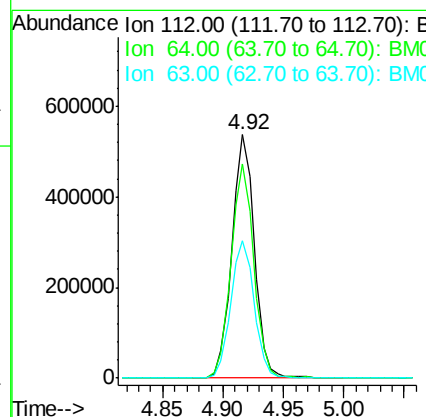
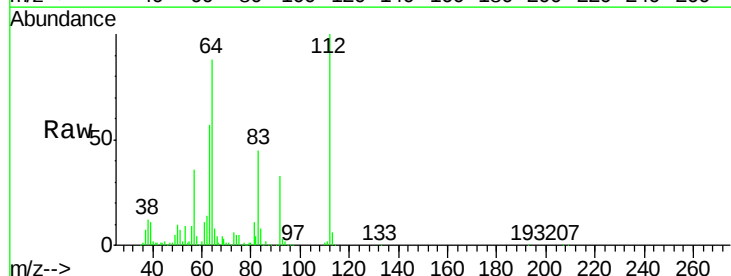
Tot Ion:152 Resp: 86485
Ion Ratio Lower Upper
152 100
150 144.5 119.5 179.3
115 67.1 43.0 64.4#



#5

2-Fluorophenol
Concen: 136.45 ng
RT: 4.92 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM011280.D
Acq: 17 Aug 2017 23:20

Tgt Ion:112 Resp: 698119
Ion Ratio Lower Upper
112 100
64 88.0 38.6 57.8#
63 56.7 19.3 28.9#





#7

Phenol-d6

Concen: 121.73 ng

RT: 6.48 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM011280.D

Acq: 17 Aug 2017 23:20

Instrument :

BNA_M

ClientSampleId :

OR-03-081617

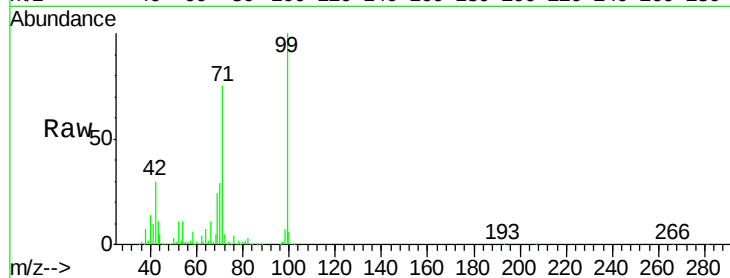
Tot Ion: 99 Resp: 884885

Ion Ratio Lower Upper

99 100

42 30.2 11.0 16.4#

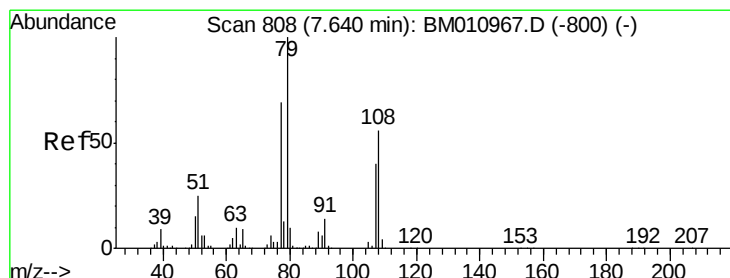
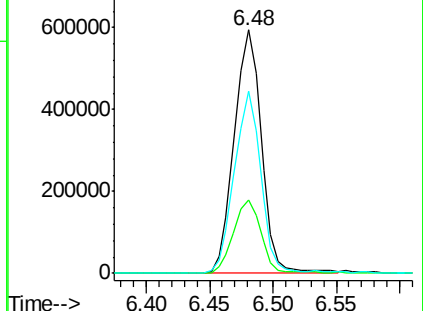
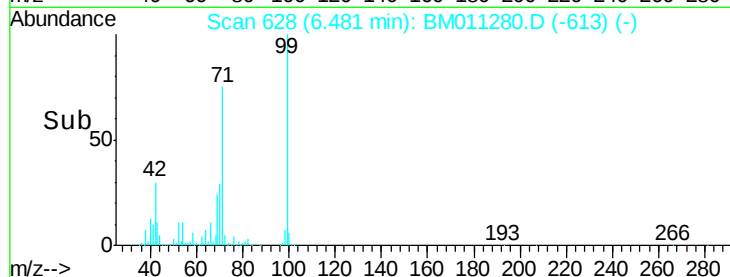
71 74.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011280.D (-613) (-)

Ion 42.00 (41.70 to 42.70): BM011280.D (-613) (-)

Ion 71.00 (70.70 to 71.70): BM011280.D (-613) (-)



#15

Benzyl Alcohol

Concen: 3.13 ng

RT: 7.59 min Scan# 816

Delta R.T. 0.05 min

Lab File: BM011280.D

Acq: 17 Aug 2017 23:20

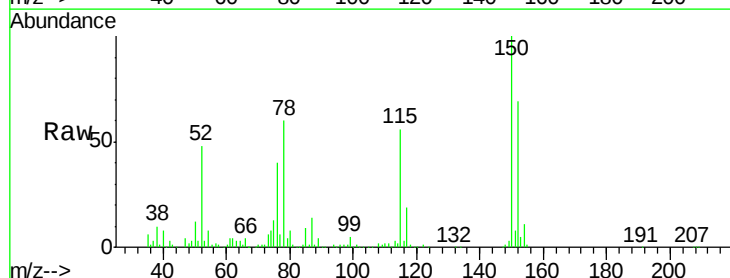
Tgt Ion: 79 Resp: 21807

Ion Ratio Lower Upper

79 100

108 49.5 65.0 97.4#

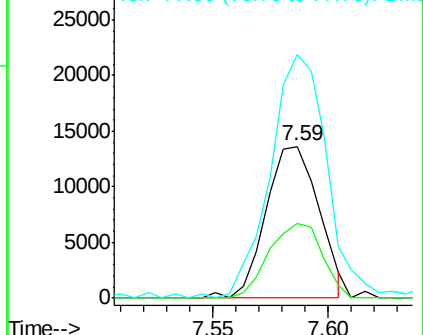
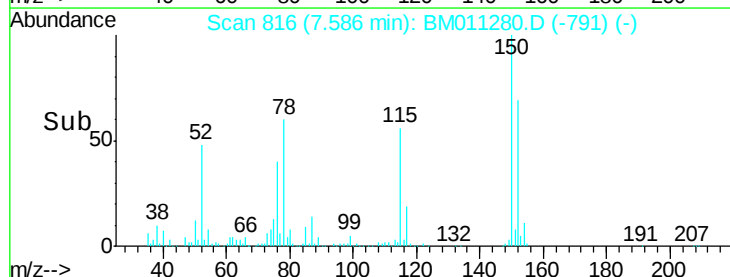
77 160.2 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM011280.D (-791) (-)

Ion 108.00 (107.70 to 108.70): BM011280.D (-791) (-)

Ion 77.00 (76.70 to 77.70): BM011280.D (-791) (-)

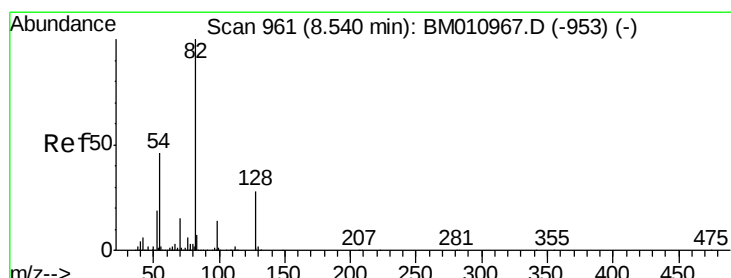
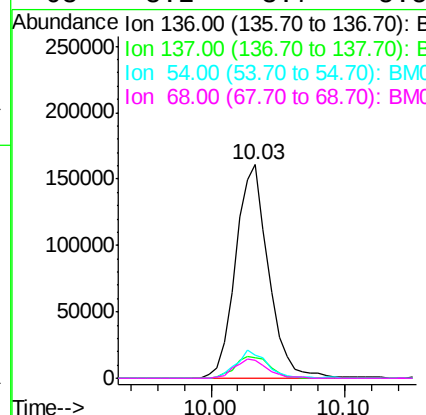
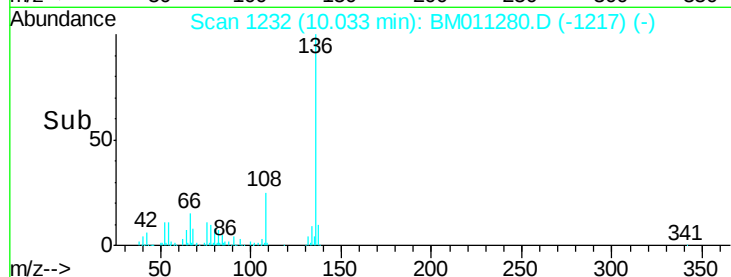
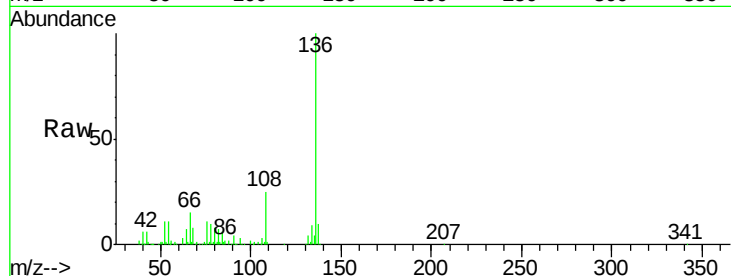




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.03 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BM011280.D
Acq: 17 Aug 2017 23:20

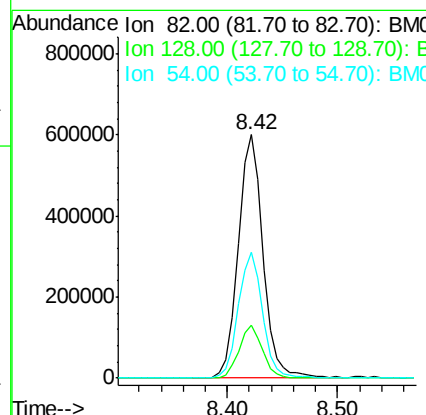
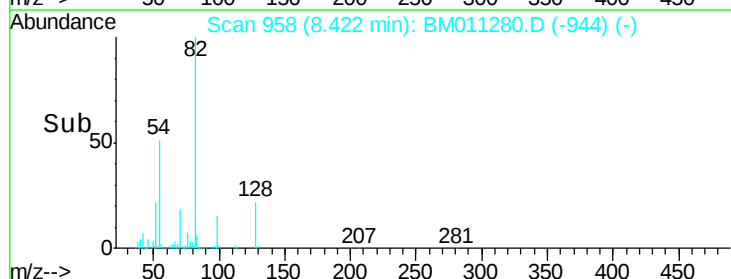
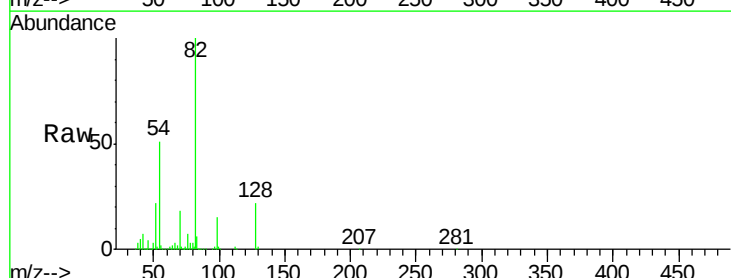
Instrument :
BNA_M
ClientSampleId :
OR-03-081617

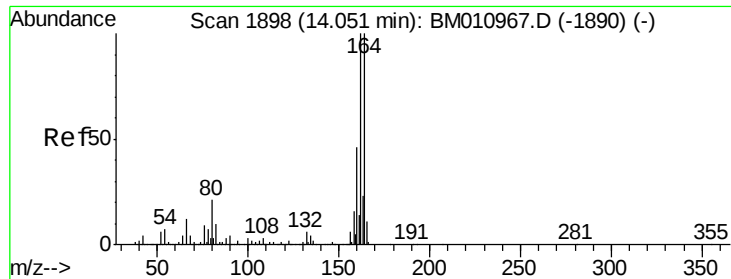
Tot Ion:136	Resp:	274981
Ion Ratio	Lower	Upper
136	100	
137	9.9	8.7 13.1
54	10.7	4.6 6.8#
68	8.2	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 129.24 ng
RT: 8.42 min Scan# 958
Delta R.T. -0.02 min
Lab File: BM011280.D
Acq: 17 Aug 2017 23:20

Tgt Ion: 82	Resp:	946871
Ion Ratio	Lower	Upper
82	100	
128	21.9	32.8 49.2#
54	51.4	40.6 60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 13.94 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM011280.D

Acq: 17 Aug 2017 23:20

Instrument :

BNA_M

ClientSampleId :

OR-03-081617

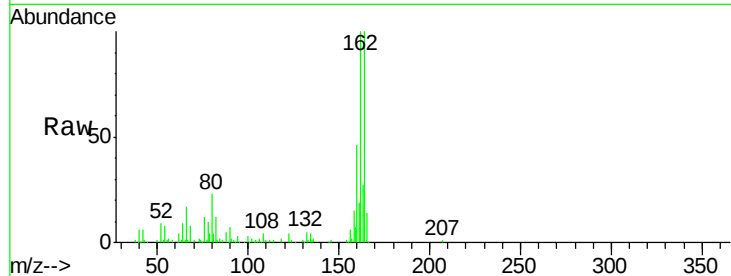
Tot Ion:164 Resp: 178456

Ion Ratio Lower Upper

164 100

162 99.8 82.4 123.6

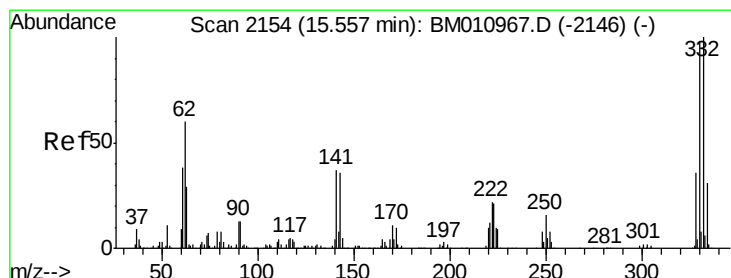
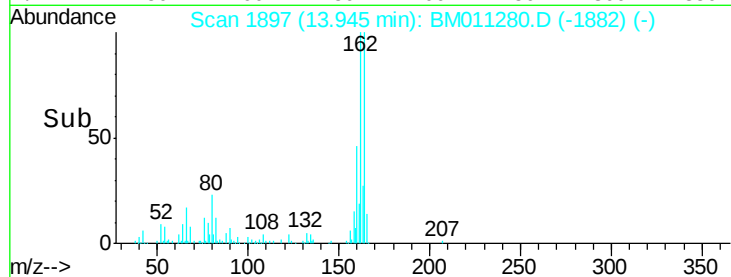
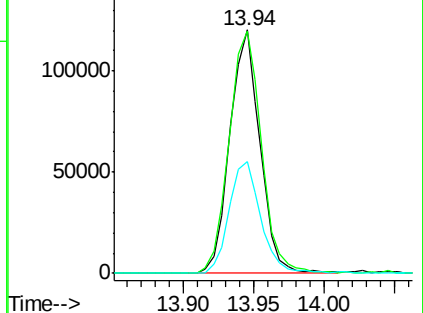
160 45.7 35.8 53.6



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: 143.11 ng

RT: 15.45 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BM011280.D

Acq: 17 Aug 2017 23:20

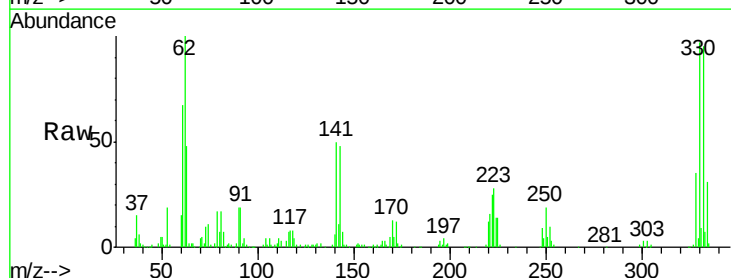
Tgt Ion:330 Resp: 409331

Ion Ratio Lower Upper

330 100

332 95.5 0.0 0.0#

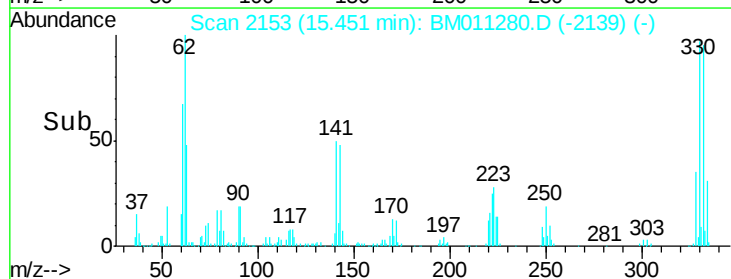
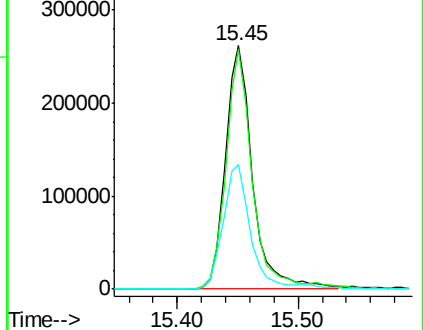
141 50.4 0.0 0.0#

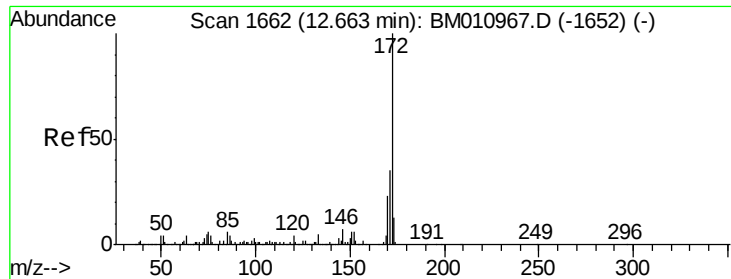


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

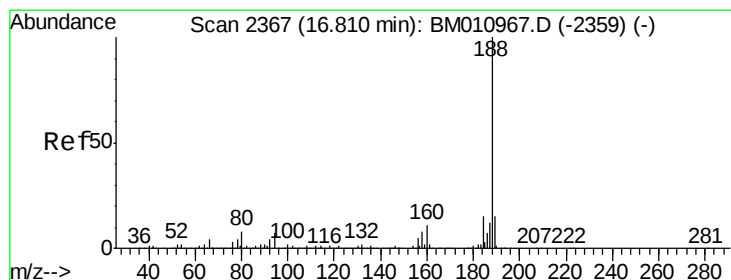
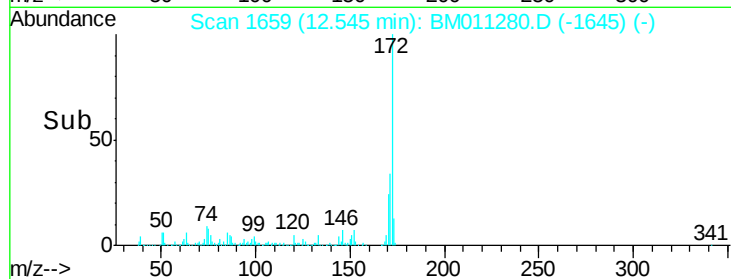
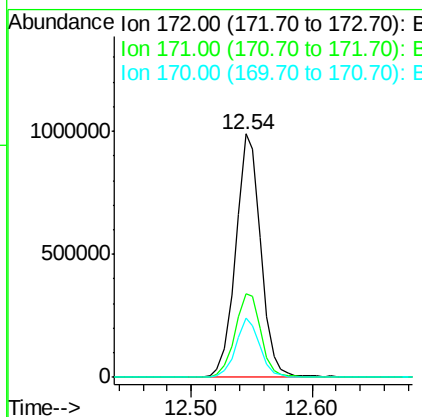
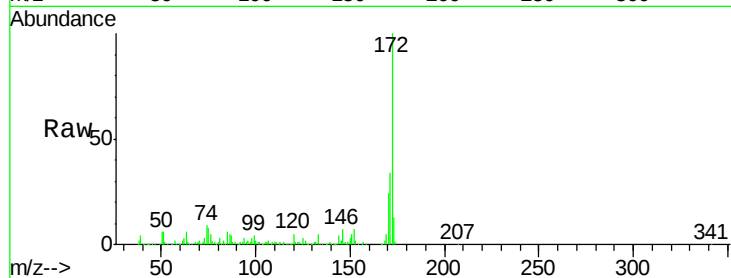




#44
2-Fluorobiphenyl
Concen: 100.58 ng
RT: 12.54 min Scan# 1659
Delta R.T. -0.02 min
Lab File: BM011280.D
Acq: 17 Aug 2017 23:20

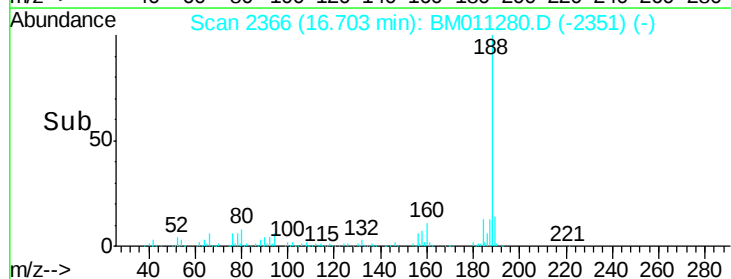
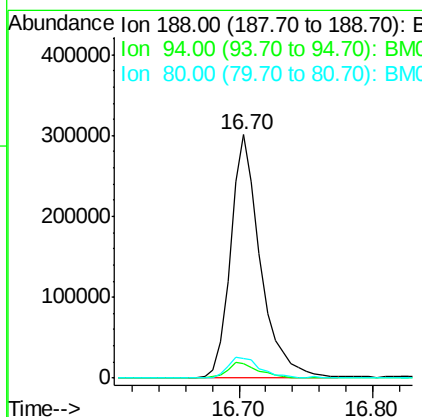
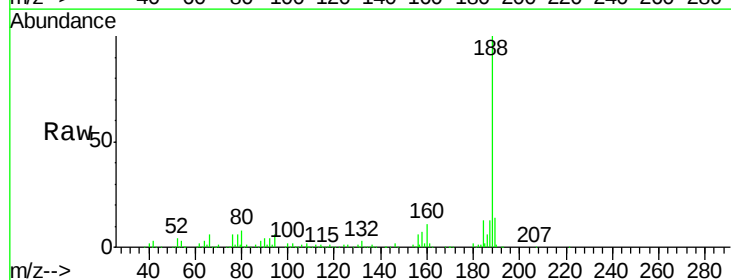
Instrument :
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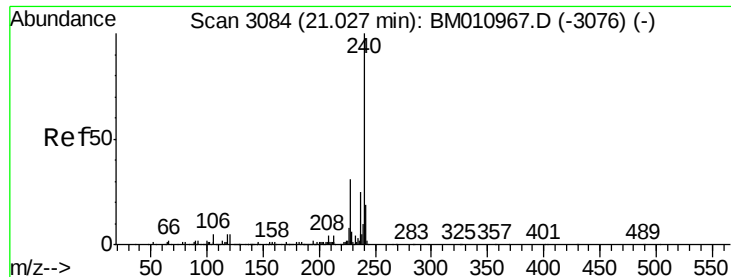
Tot Ion:172 Resp: 1431225
Ion Ratio Lower Upper
172 100
171 34.2 28.5 42.7
170 24.2 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.70 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BM011280.D
Acq: 17 Aug 2017 23:20

Tgt Ion:188 Resp: 468865
Ion Ratio Lower Upper
188 100
94 6.2 8.7 13.1#
80 8.3 9.3 13.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.93 min Scan# 3084

Delta R.T. -0.02 min

Lab File: BM011280.D

Acq: 17 Aug 2017 23:20

Instrument :

BNA_M

ClientSampleId :

OR-03-081617

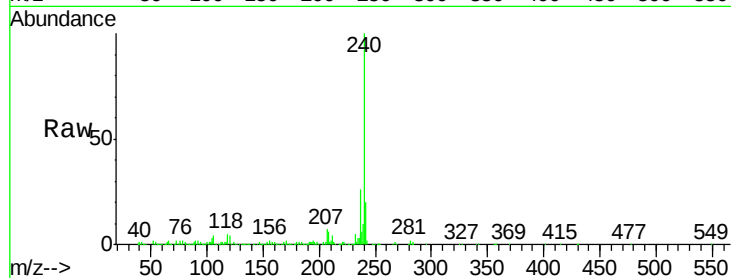
Tot Ion:240 Resp: 779952

Ion Ratio Lower Upper

240 100

120 3.9 8.2 12.2#

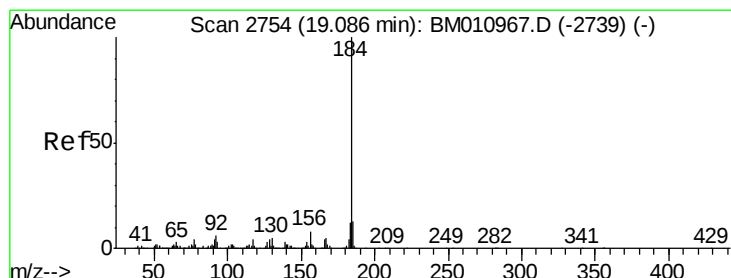
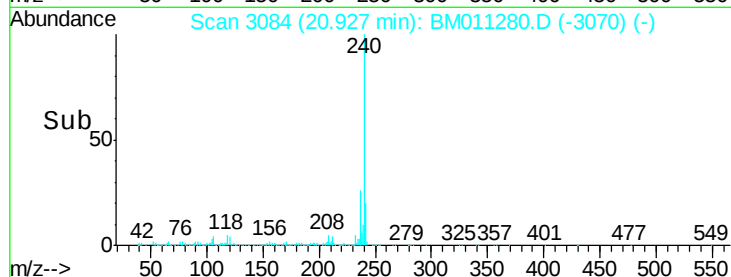
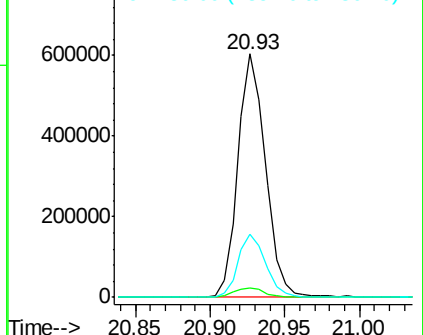
236 26.1 20.0 30.0



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



#76

Benzidine

Concen: 75.28 ng

RT: 18.99 min Scan# 2755

Delta R.T. -0.02 min

Lab File: BM011280.D

Acq: 17 Aug 2017 23:20

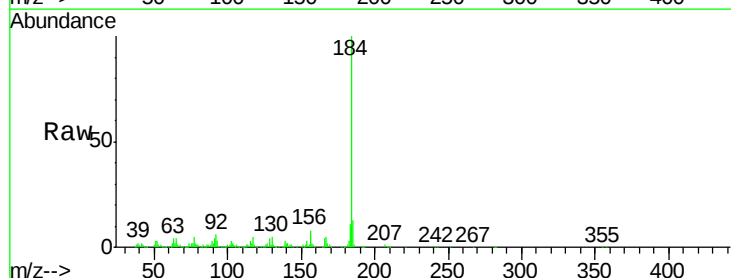
Tgt Ion:184 Resp: 1404642

Ion Ratio Lower Upper

184 100

185 13.3 11.3 16.9

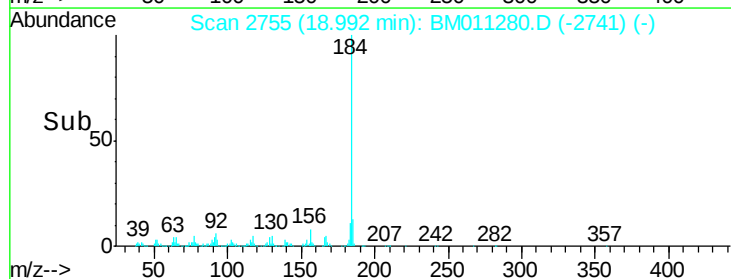
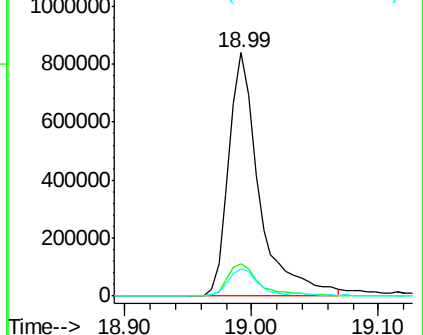
183 11.2 8.9 13.3

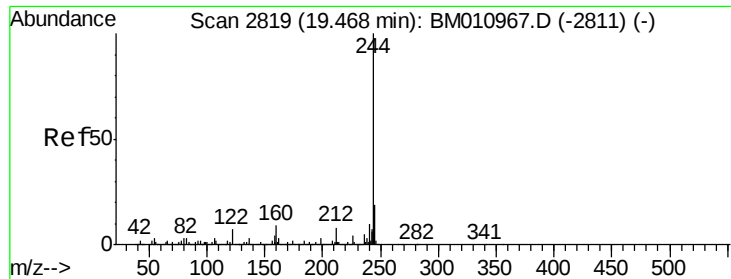


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 79.62 ng

RT: 19.37 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BM011280.D

Acq: 17 Aug 2017 23:20

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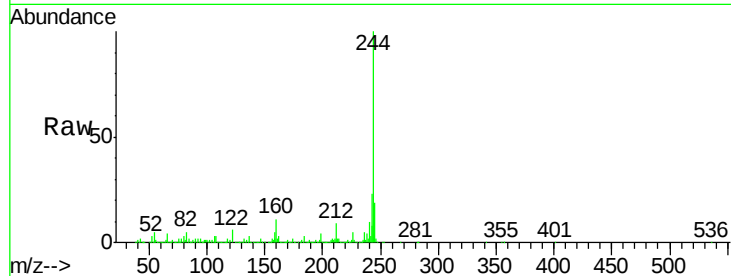
Tot Ion:244 Resp: 3134988

Ion Ratio Lower Upper

244 100

212 8.9 4.9 7.3#

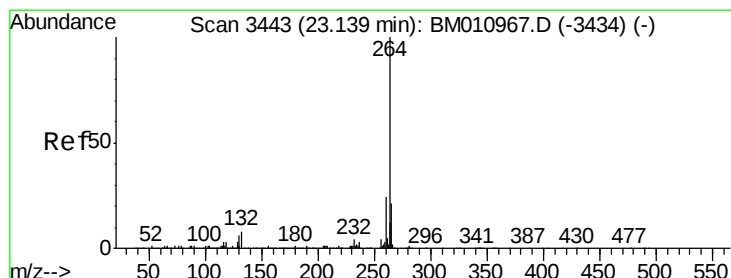
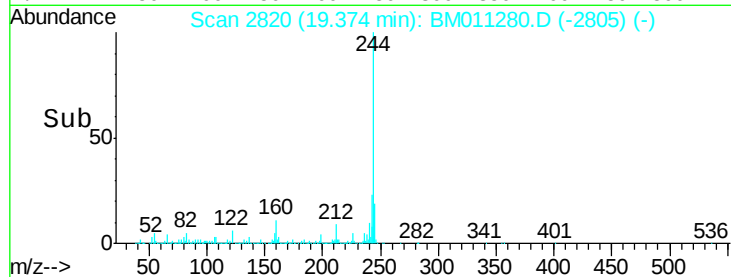
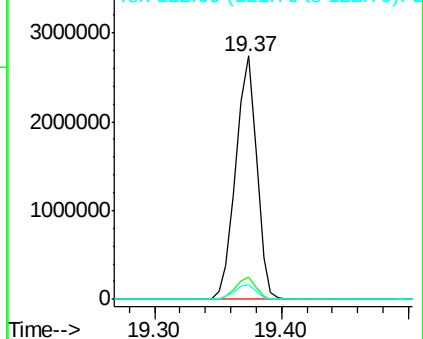
122 6.0 6.2 9.4#



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: 23.00 min Scan# 3436

Delta R.T. -0.02 min

Lab File: BM011280.D

Acq: 17 Aug 2017 23:20

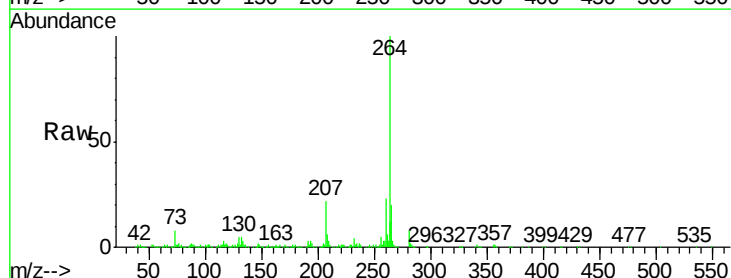
Tgt Ion:264 Resp: 775086

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 20.3 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

