

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016506.D
 Acq On : 22 Aug 2018 04:43
 Operator : SJ/JU
 Sample : PB112247TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 22 05:56:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

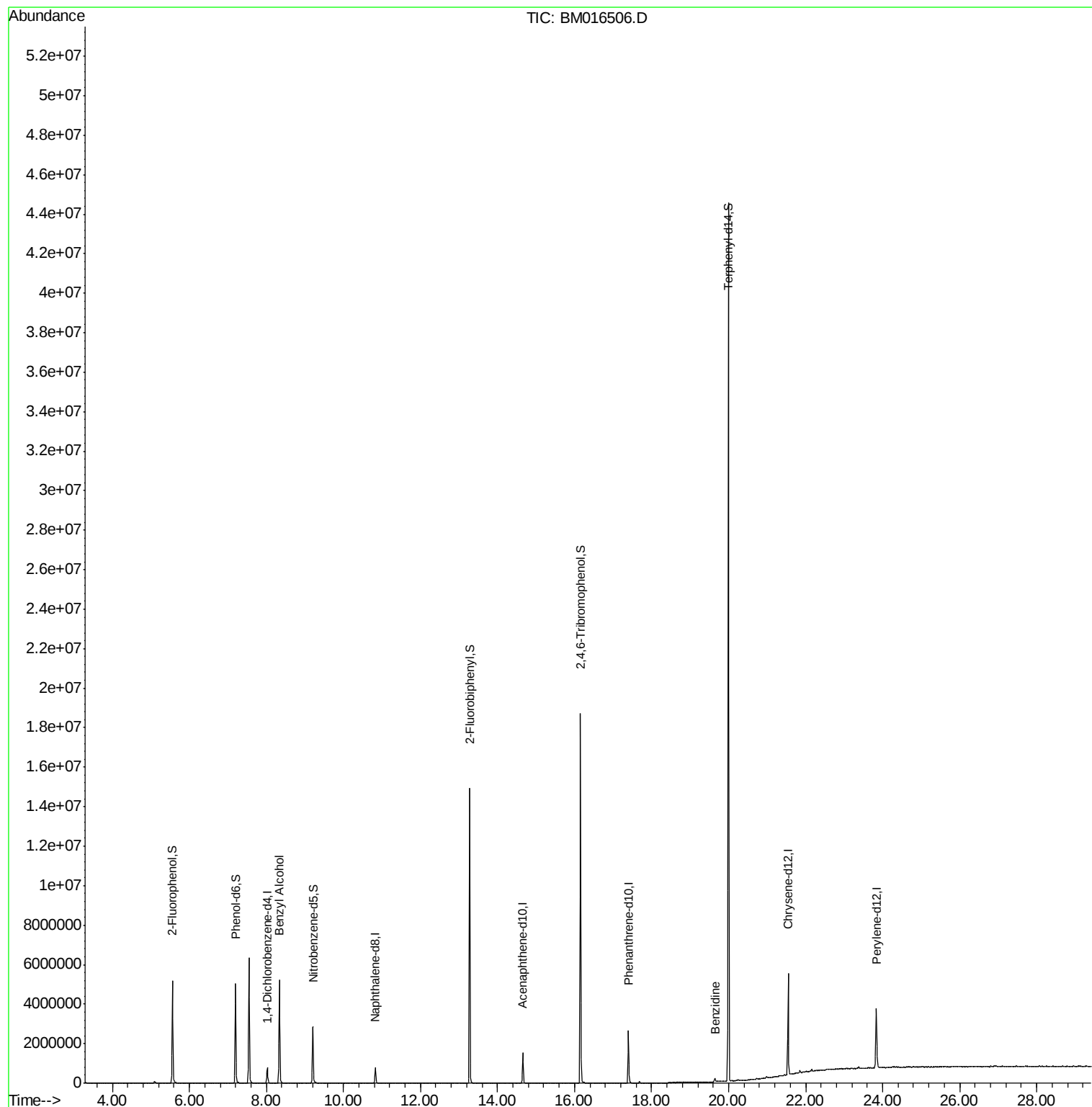
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	197299	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	581063	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	468913	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	1633693	20.00	ng	0.00
75) Chrysene-d12	21.54	240	2271394	20.00	ng	0.00
86) Perylene-d12	23.83	264	2408057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1771769	175.97	ng	0.00
7) Phenol-d6	7.20	99	2162148	162.28	ng	0.00
23) Nitrobenzene-d5	9.20	82	1616509	127.02	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	3392423	258.80	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	6843241	140.28	ng	0.00
78) Terphenyl-d14	19.99	244	13615548	126.87	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.34	79	39625	3.203	ng	# 26
76) Benzidine	19.64	184	135991	3.113	ng	# 95

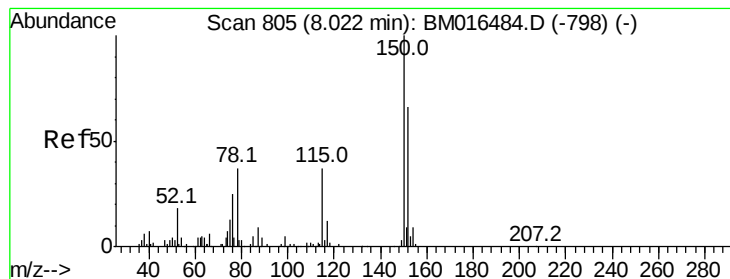
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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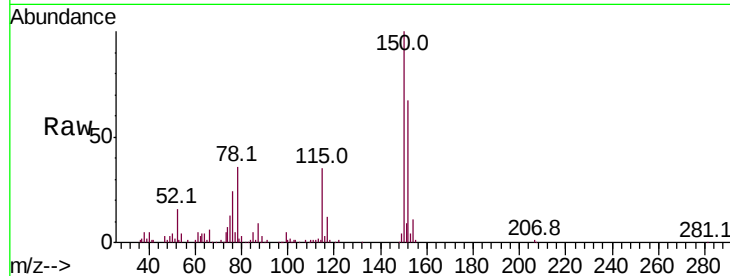


#1

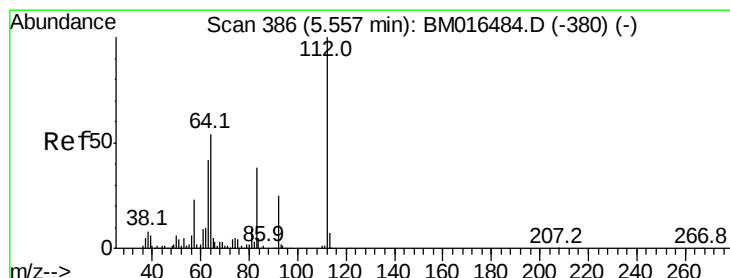
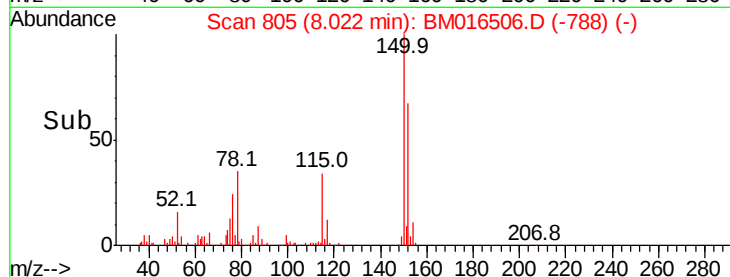
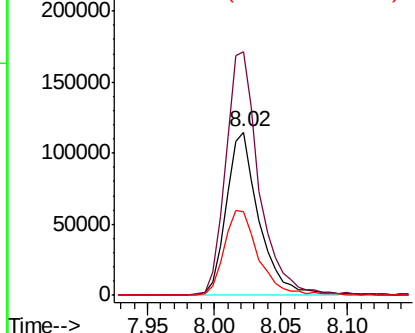
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BM016506.D
Acq: 22 Aug 2018 04:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.2	119.5	179.3
115	51.6	43.0	64.4



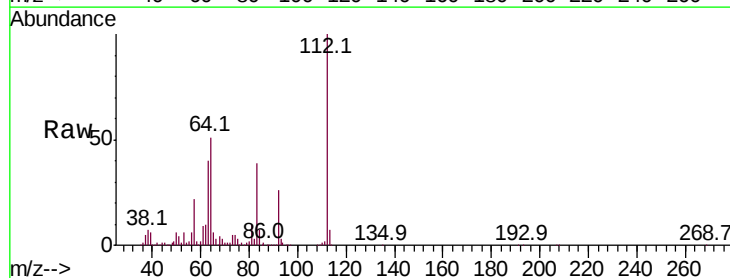
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



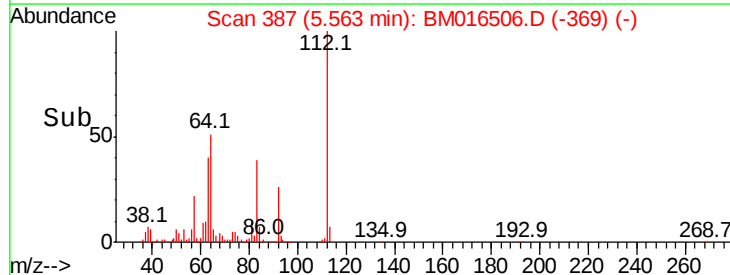
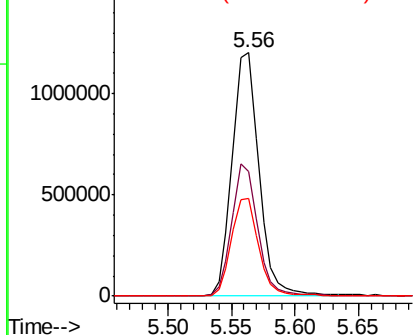
#5

2-Fluorophenol
Concen: Below ng
RT: 5.56 min Scan# 387
Delta R.T. 0.01 min
Lab File: BM016506.D
Acq: 22 Aug 2018 04:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.3	38.6	57.8
63	39.9	19.3	28.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: Below na

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM016506.D

Acq: 22 Aug 2018 04:43

Instrument :

BNA_M

ClientSampleId :

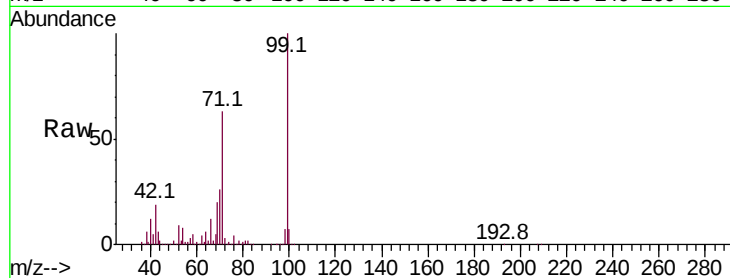
Tot Ion: 99 Resp: 2162148

Ion Ratio Lower Upper

99 100

42 19.1 11.0 16.4#

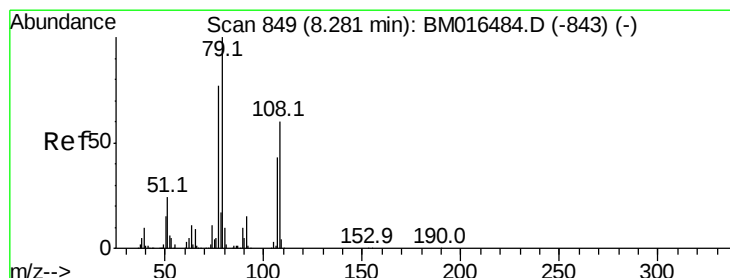
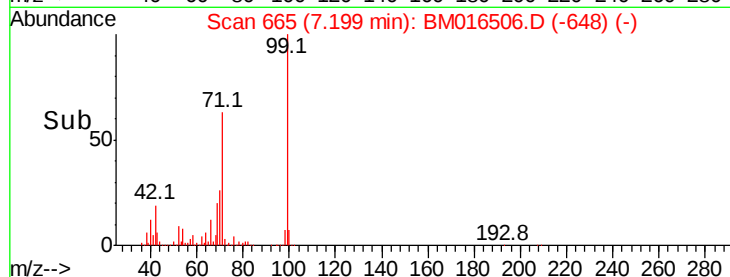
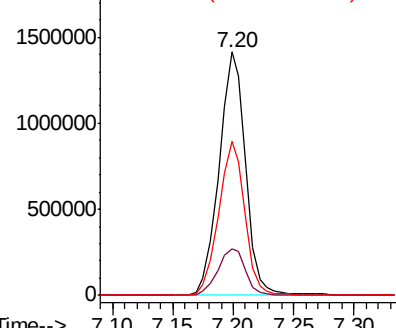
71 63.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)



#15

Benzyl Alcohol

Concen: 3.203 ng

RT: 8.34 min Scan# 859

Delta R.T. 0.06 min

Lab File: BM016506.D

Acq: 22 Aug 2018 04:43

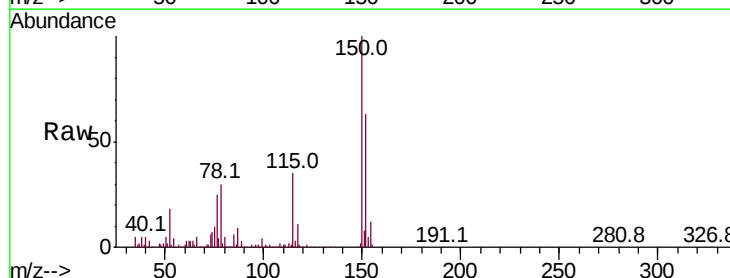
Tgt Ion: 79 Resp: 39625

Ion Ratio Lower Upper

79 100

108 87.1 65.0 97.4

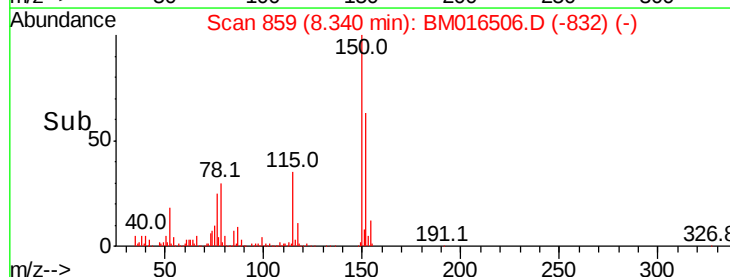
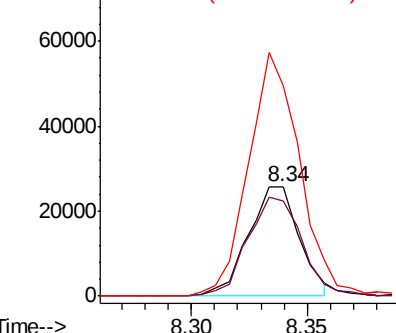
77 191.4 53.0 79.6#

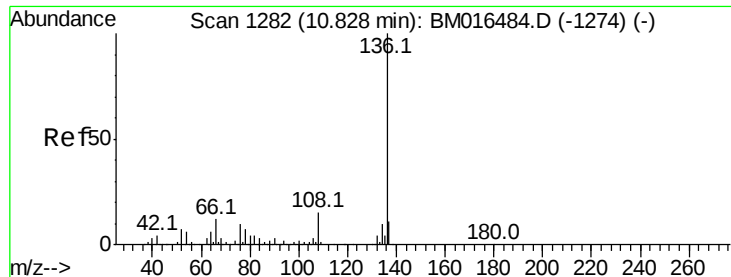


Abundance Ion 79.00 (78.70 to 79.70): BM016484.D (-843) (-)

Ion 108.00 (107.70 to 108.70): BM016484.D (-843) (-)

Ion 77.00 (76.70 to 77.70): BM016484.D (-843) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BM016506.D

Acq: 22 Aug 2018 04:43

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 581063

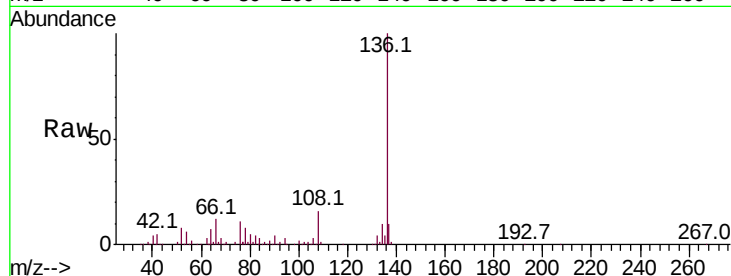
Ion Ratio Lower Upper

136 100

137 9.6 8.7 13.1

54 6.3 4.6 6.8

68 3.2 3.7 5.5#

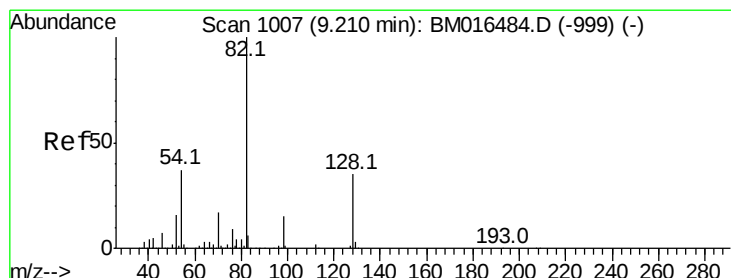
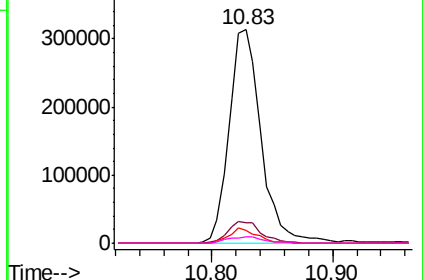
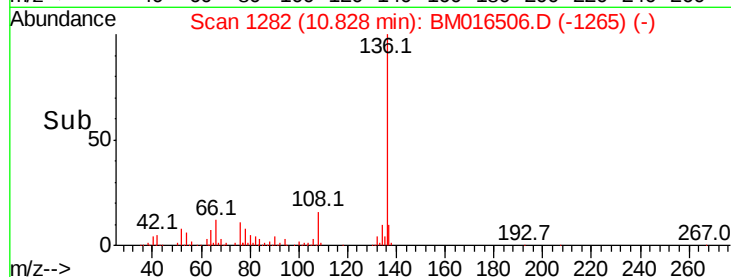


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: N.D. ng

RT: 9.20 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BM016506.D

Acq: 22 Aug 2018 04:43

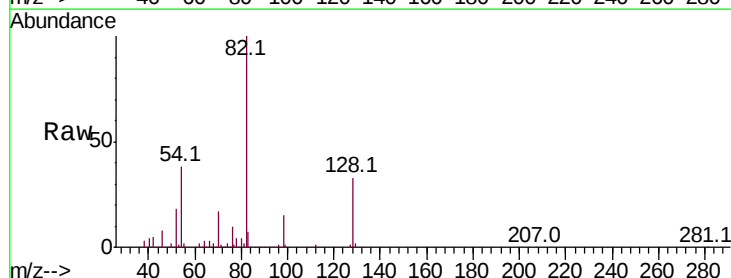
Tgt Ion: 82 Resp: 1616509

Ion Ratio Lower Upper

82 100

128 33.0 32.8 49.2

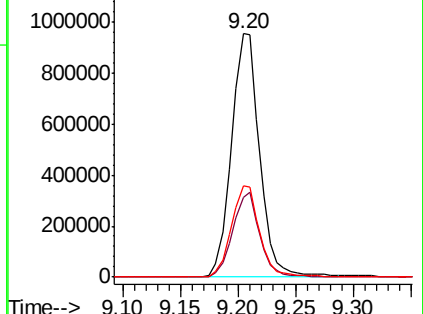
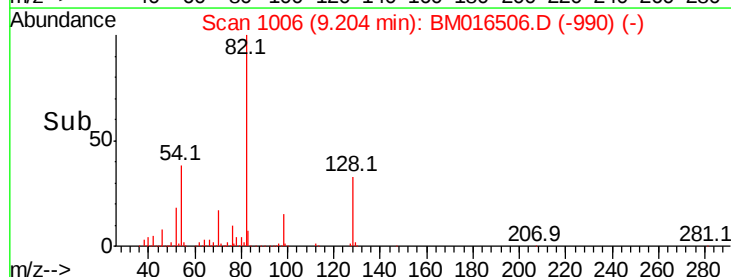
54 37.7 40.6 60.8#

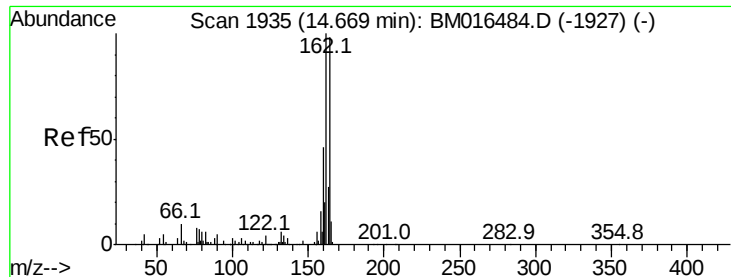


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BM016506.D

Acq: 22 Aug 2018 04:43

Instrument :

BNA_M

ClientSampleId :

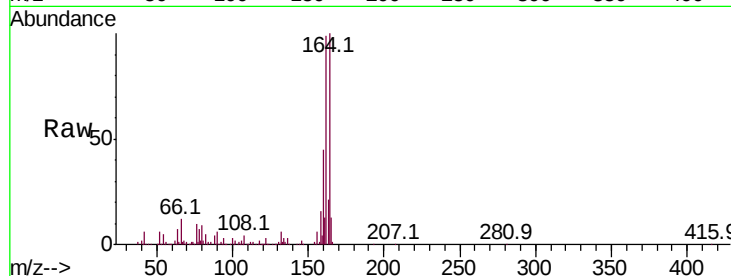
Tot Ion:164 Resp: 468913

Ion	Ratio	Lower	Upper
164	100		
162	98.8	82.4	123.6
160	45.0	35.8	53.6

164 100

162 98.8 82.4 123.6

160 45.0 35.8 53.6

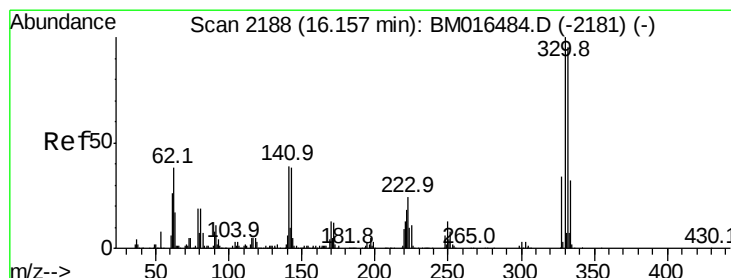
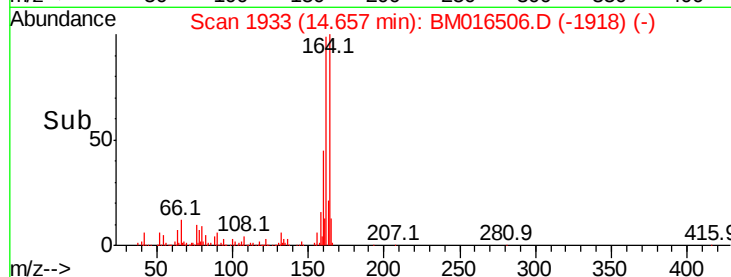
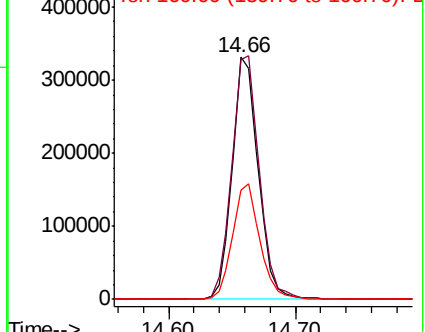


Abundance

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: N.D. ng

RT: 16.16 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BM016506.D

Acq: 22 Aug 2018 04:43

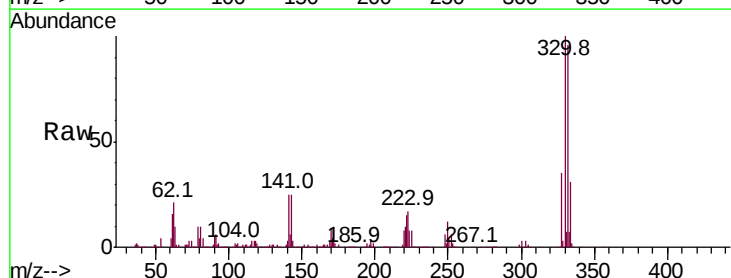
Tgt Ion:330 Resp: 3392423

Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	28.7	0.0	0.0#

330 100

332 96.4 0.0 0.0#

141 28.7 0.0 0.0#

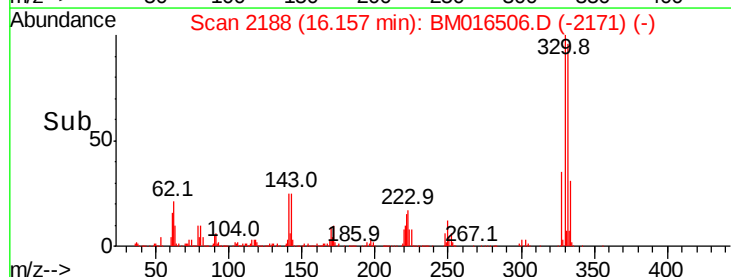
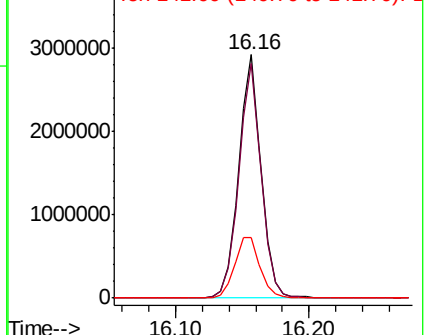


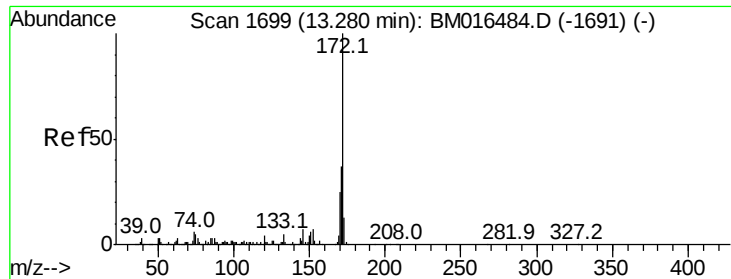
Abundance

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: N.D. ng

RT: 13.28 min Scan# 1699

Delta R.T. 0.00 min

Lab File: BM016506.D

Acq: 22 Aug 2018 04:43

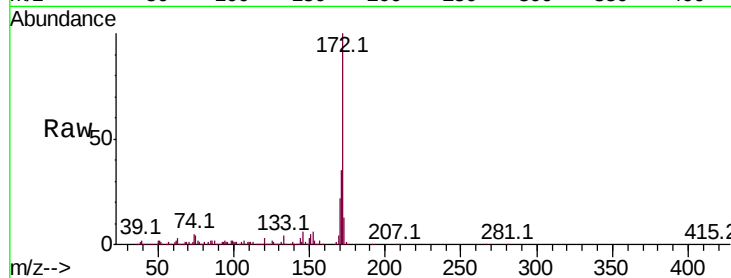
Instrument :

BNA_M

ClientSampleId :

Tot Ion:172 Resp: 6843241

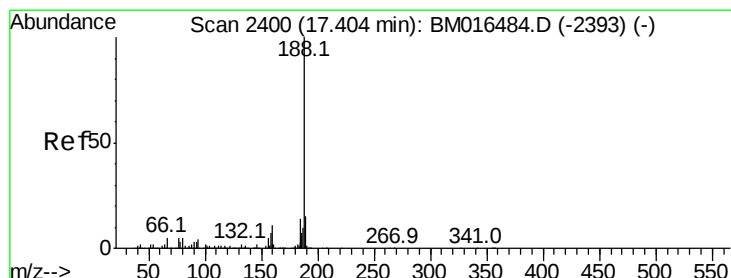
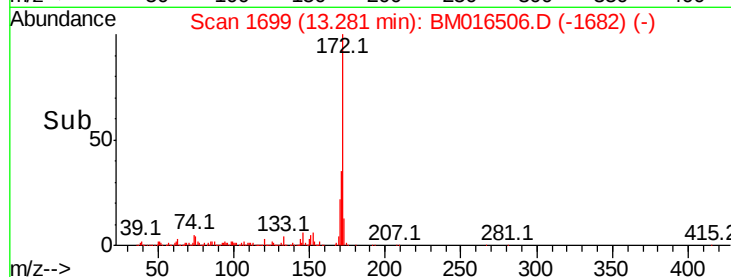
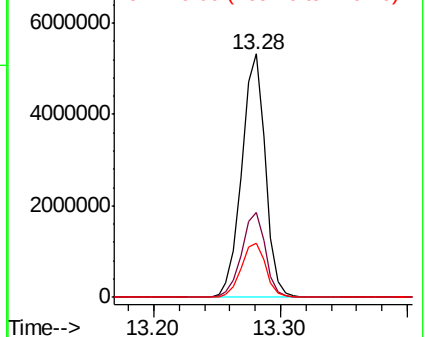
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	22.5	18.8	28.2



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: 20.000 ng

RT: 17.40 min Scan# 2400

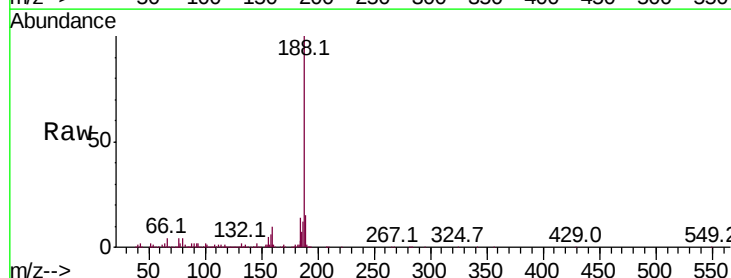
Delta R.T. 0.00 min

Lab File: BM016506.D

Acq: 22 Aug 2018 04:43

Tgt Ion:188 Resp: 1633693

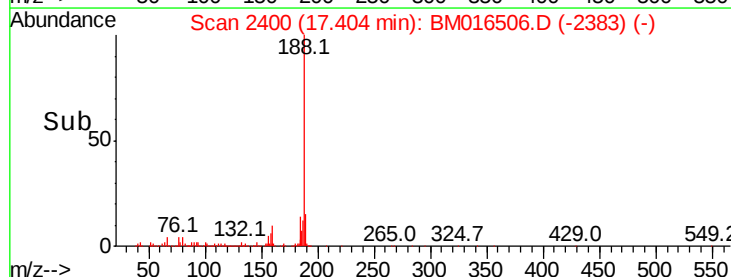
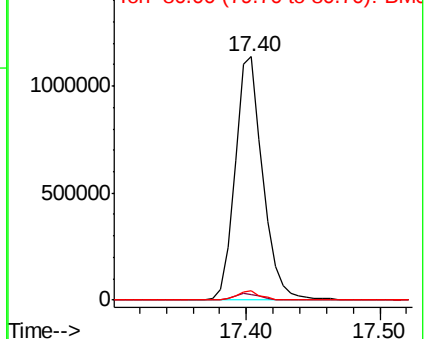
Ion	Ratio	Lower	Upper
188	100		
94	2.3	8.7	13.1#
80	3.7	9.3	13.9#



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: 20.000 ng

RT: 21.54 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BM016506.D

Acq: 22 Aug 2018 04:43

Instrument :

BNA_M

ClientSampleId :

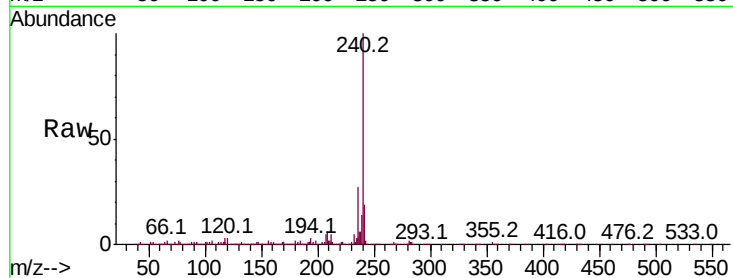
Tot Ion:240 Resp: 2271394

Ion	Ratio	Lower	Upper
240	100		
120	2.7	8.2	12.2#
236	27.0	20.0	30.0

240 100

120 2.7 8.2 12.2#

236 27.0 20.0 30.0

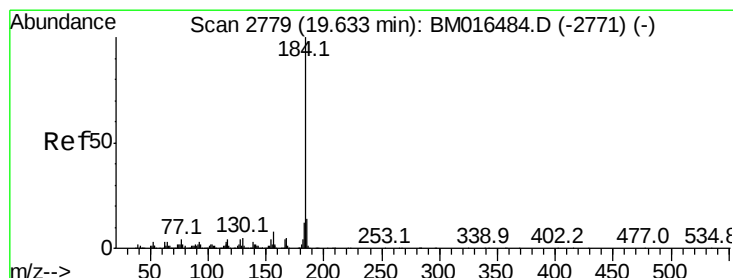
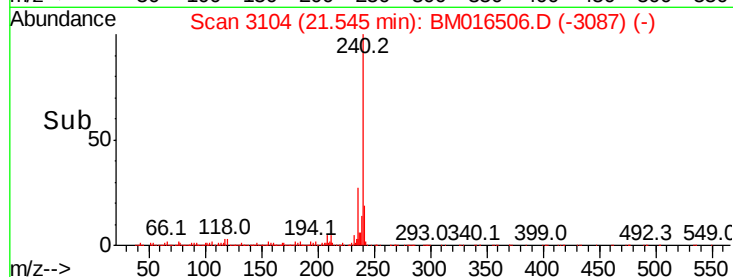
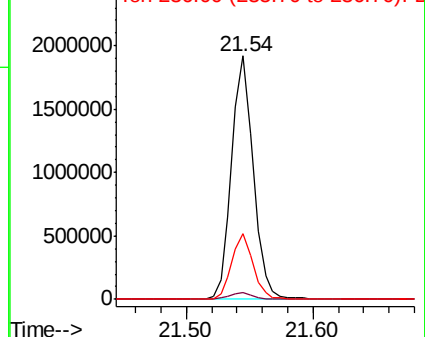


Abundance

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: 3.113 ng

RT: 19.64 min Scan# 2781

Delta R.T. 0.01 min

Lab File: BM016506.D

Acq: 22 Aug 2018 04:43

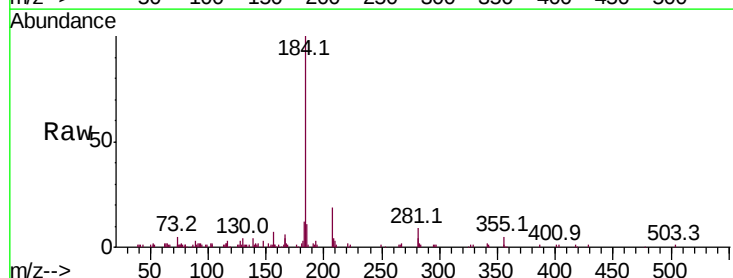
Tgt Ion:184 Resp: 135991

Ion	Ratio	Lower	Upper
184	100		
185	11.2	11.3	16.9#
183	11.7	8.9	13.3

184 100

185 11.2 11.3 16.9#

183 11.7 8.9 13.3

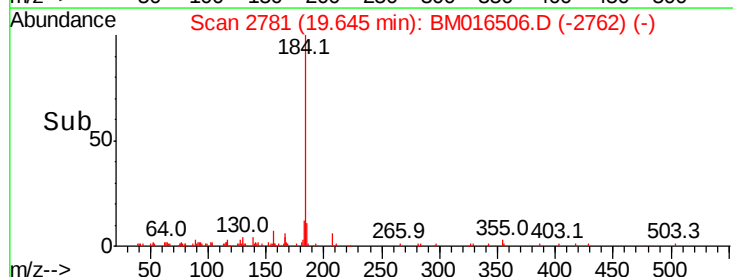
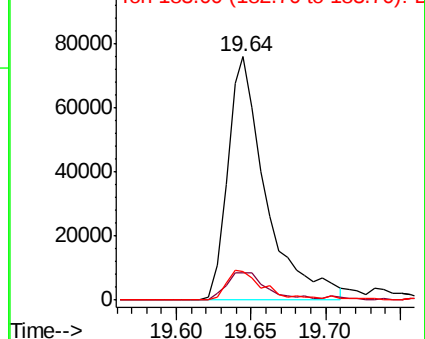


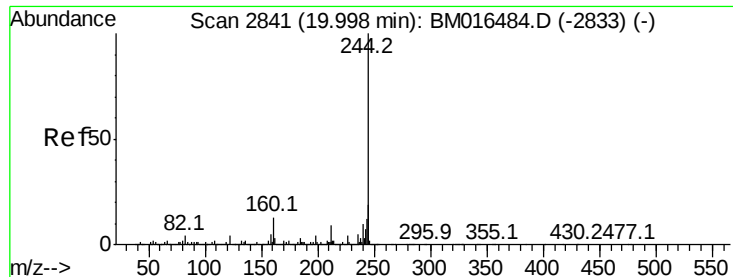
Abundance

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: Below na

RT: 19.99 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BM016506.D

Acq: 22 Aug 2018 04:43

Instrument :

BNA_M

ClientSampleId :

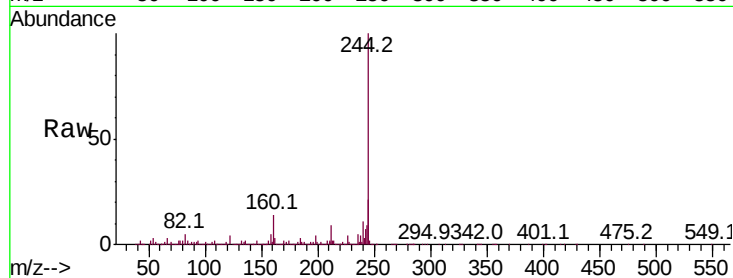
Tot Ion:244 Resp:13615548

Ion Ratio Lower Upper

244 100

212 9.5 4.9 7.3#

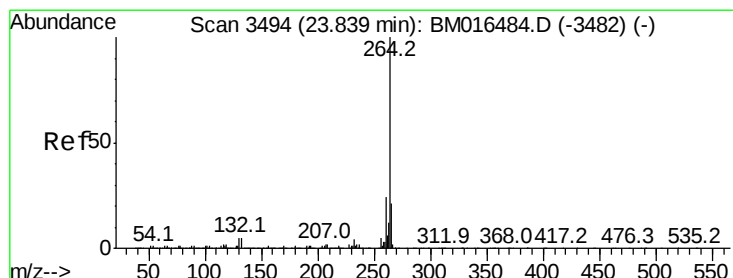
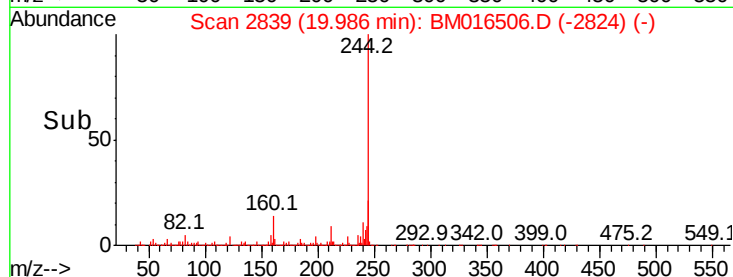
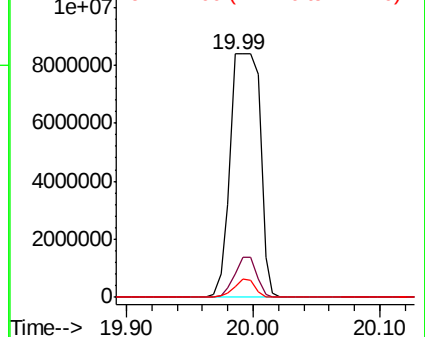
122 4.3 6.2 9.4#



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: 20.000 ng

RT: 23.83 min Scan# 3493

Delta R.T. -0.01 min

Lab File: BM016506.D

Acq: 22 Aug 2018 04:43

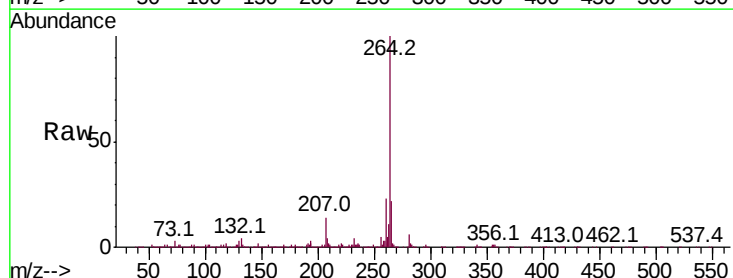
Tgt Ion:264 Resp: 2408057

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.8 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

