

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
 Data File : BF112836.D
 Acq On : 4 Mar 2019 20:40
 Operator : JU/SJ
 Sample : K1688-15 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-030119-H

Quant Time: Mar 05 00:39:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

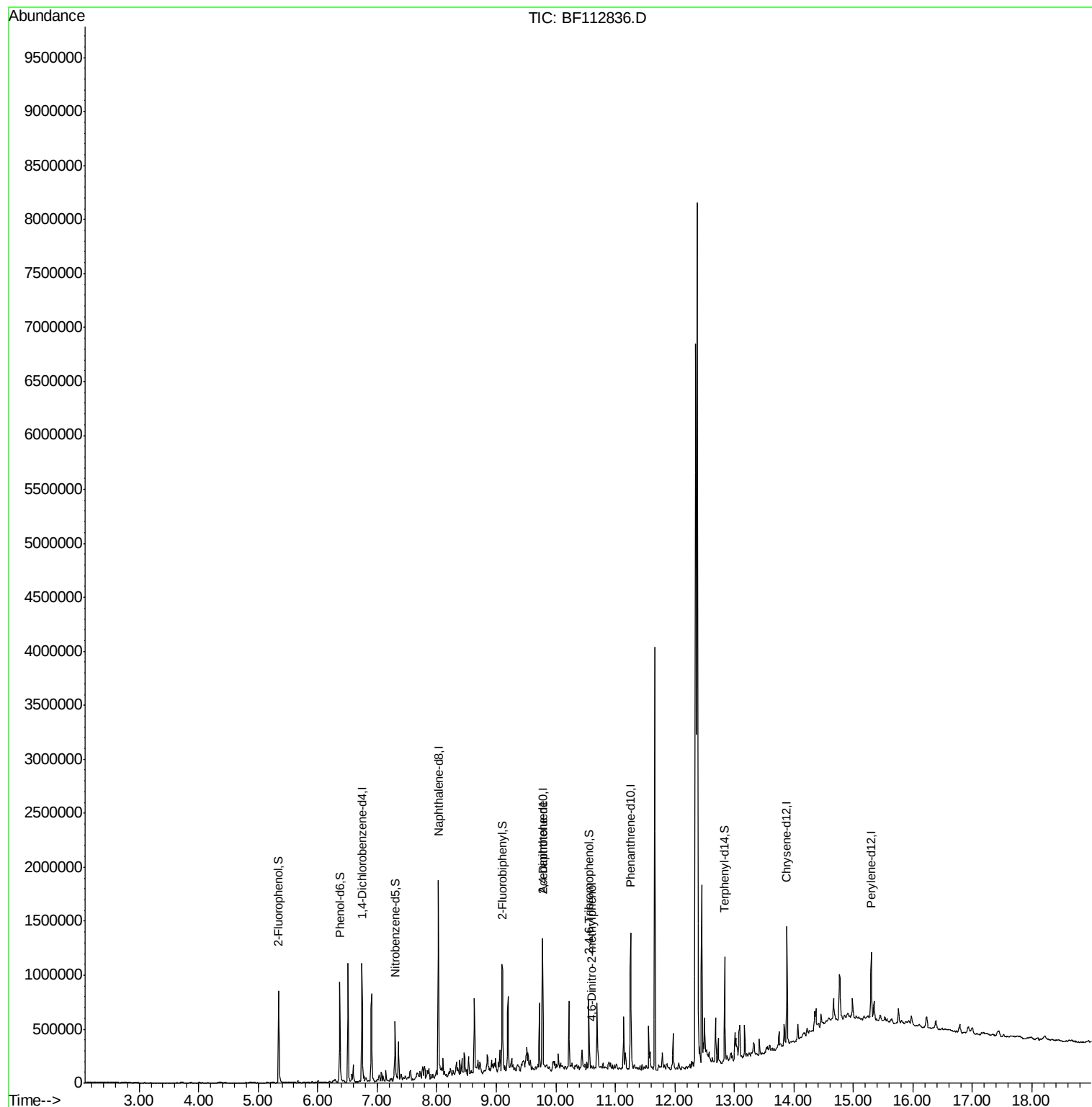
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	156949	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	581914	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	255357	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	478451	20.00	ng	0.01
76) Chrysene-d12	13.89	240	392529	20.00	ng	0.01
87) Perylene-d12	15.30	264	285591	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	249239	24.70	ng	0.00
7) Phenol-d6	6.37	99	337751	26.65	ng	0.00
23) Nitrobenzene-d5	7.30	82	182524	18.77	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	80942	29.86	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	342063	17.35	ng	0.00
79) Terphenyl-d14	12.84	244	338634	16.72	ng	0.01
Target Compounds						
57) 2,4-Dinitrotoluene	9.77	165	34344	7.047	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.60	198	106	4.661	ng	# 1

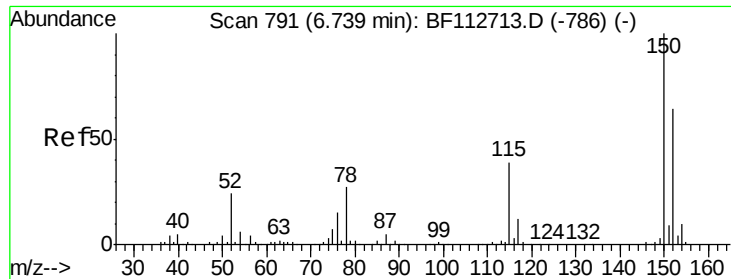
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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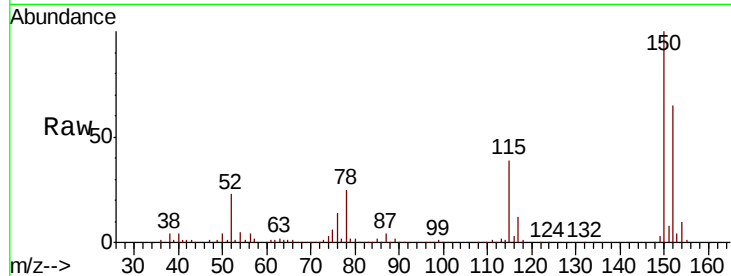




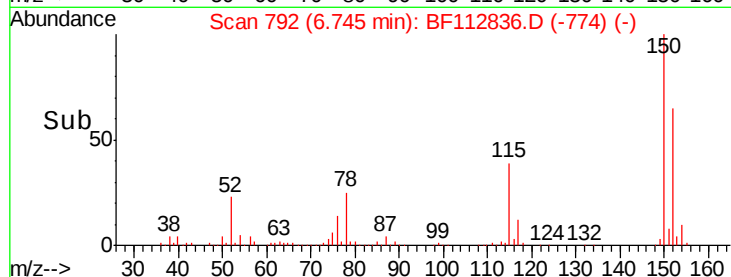
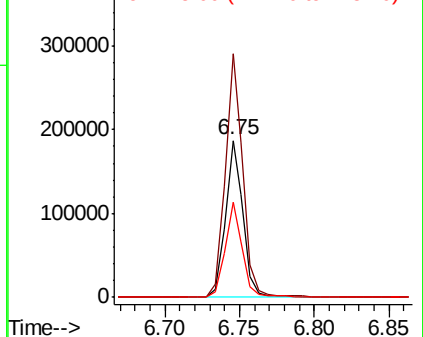
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF112836.D
 Acq: 4 Mar 2019 20:40

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-030119-H

Tgt Ion:152 Resp: 156949
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.2 186.2
 115 60.3 48.2 72.4

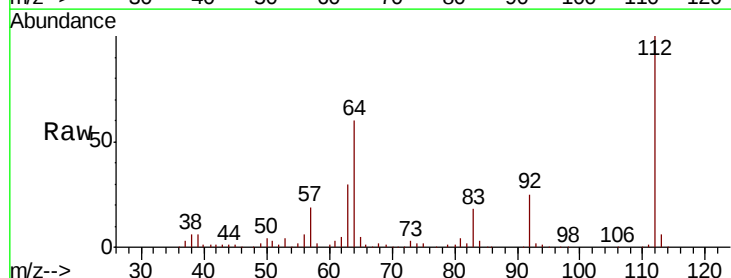


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

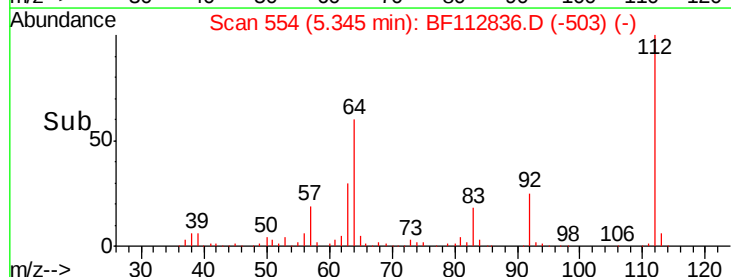
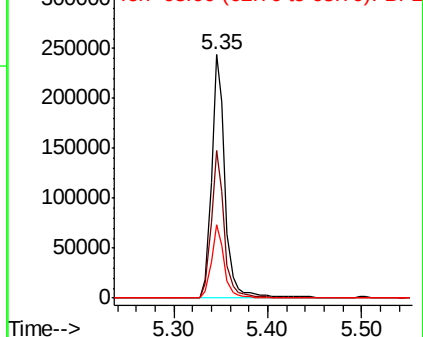


#5
 2-Fluorophenol
 Concen: 24.702 ng
 RT: 5.35 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF112836.D
 Acq: 4 Mar 2019 20:40

Tgt Ion:112 Resp: 249239
 Ion Ratio Lower Upper
 112 100
 64 60.4 47.6 71.4
 63 30.4 24.4 36.6



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: 26.649 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112836.D

Acq: 4 Mar 2019 20:40

Instrument :

BNA_F

ClientSampleId :

JC-03-030119-H

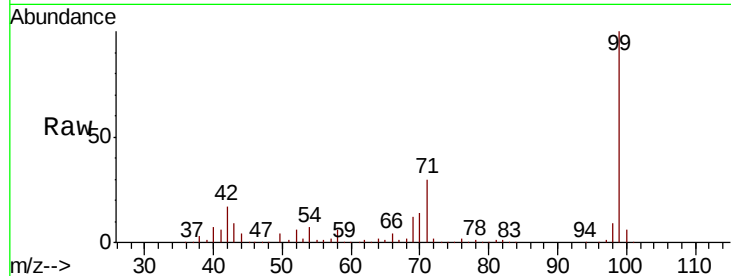
Tgt Ion: 99 Resp: 337751

Ion Ratio Lower Upper

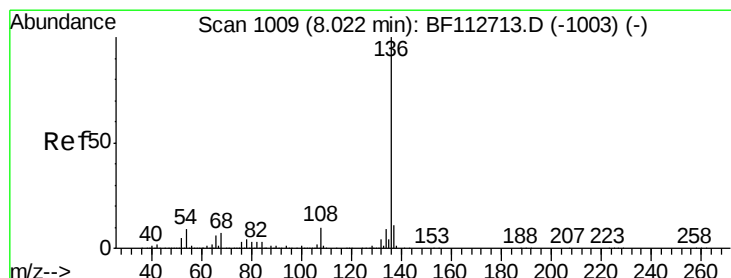
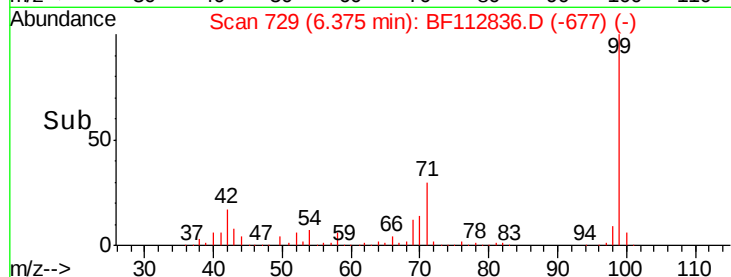
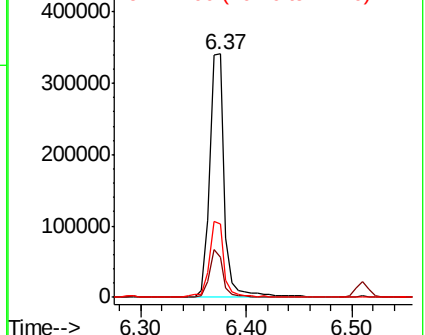
99 100

42 16.5 16.3 24.5

71 30.2 26.2 39.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF112836.D

Acq: 4 Mar 2019 20:40

Tgt Ion: 136 Resp: 581914

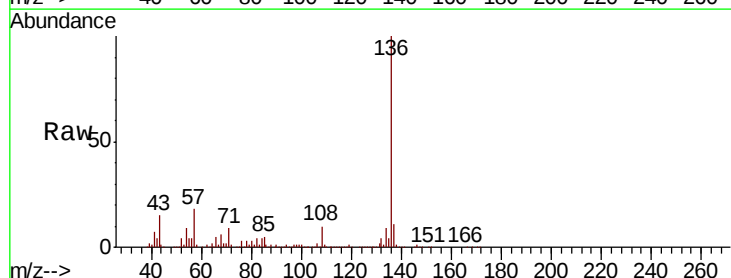
Ion Ratio Lower Upper

136 100

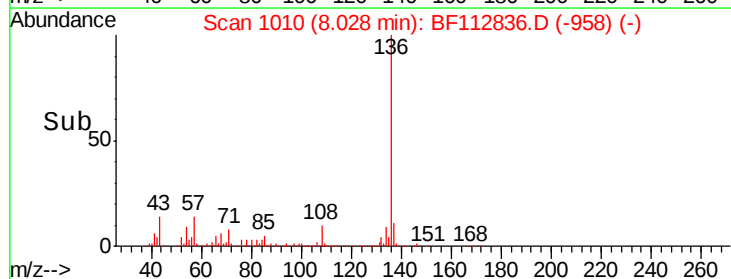
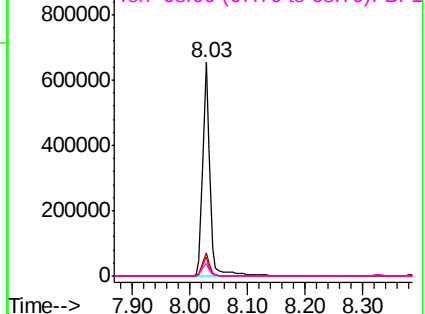
137 11.0 8.9 13.3

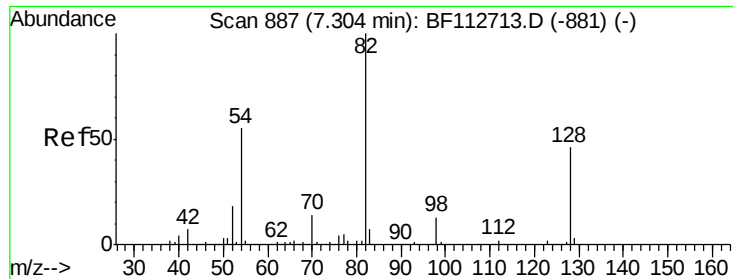
54 8.8 7.3 10.9

68 6.3 5.4 8.2



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

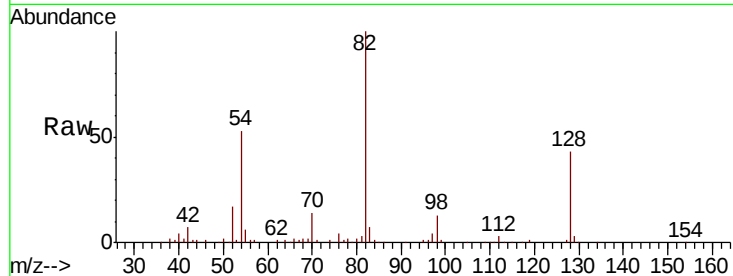




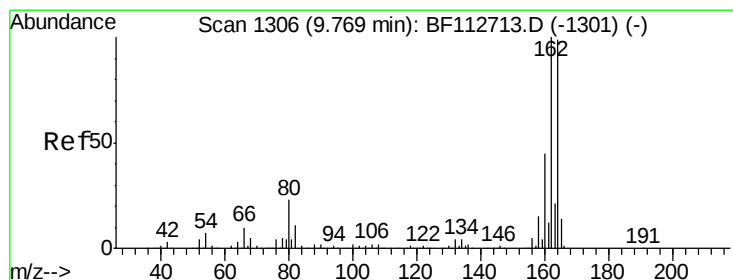
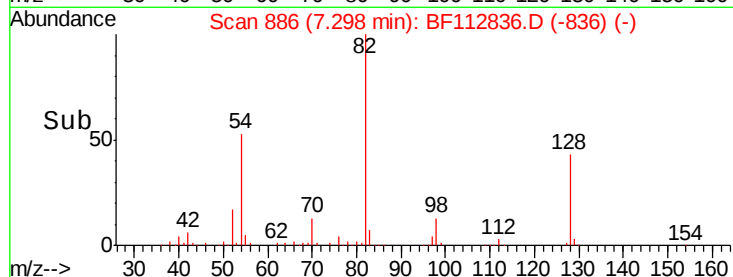
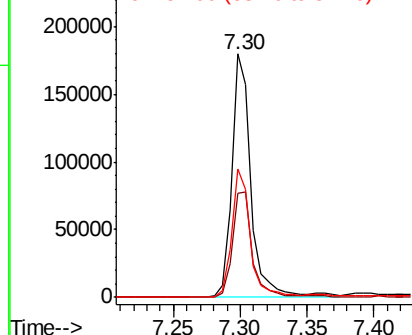
#23
Nitrobenzene-d5
Concen: 18.769 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112836.D
Acq: 4 Mar 2019 20:40

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-H

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.3	54.5
54	52.7	43.7	65.5

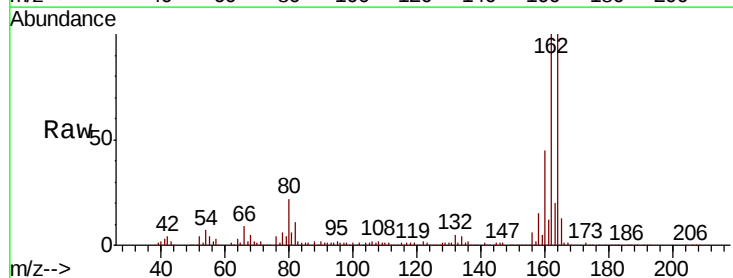


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

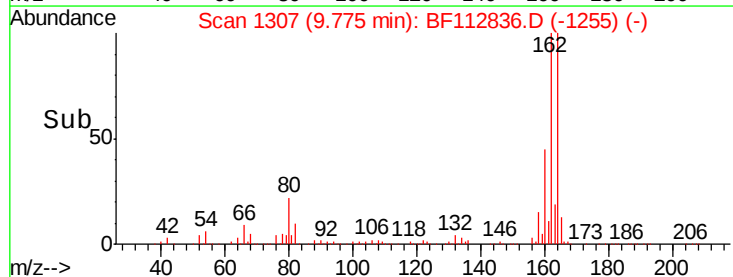
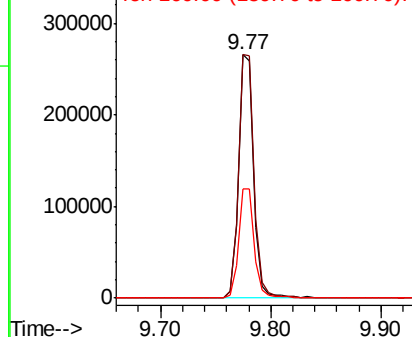


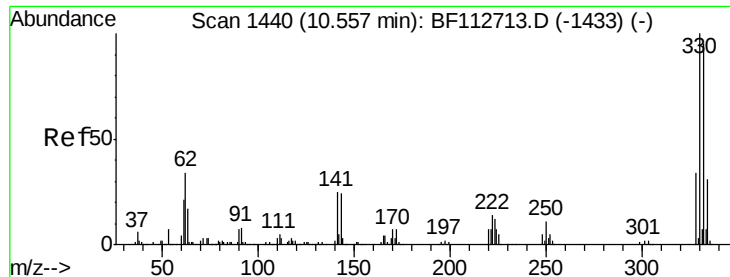
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112836.D
Acq: 4 Mar 2019 20:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	120.8
160	45.1	36.0	54.0



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

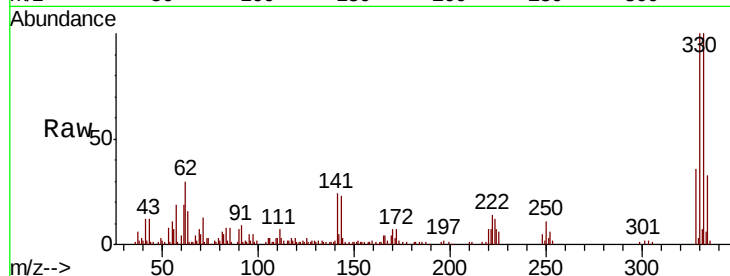




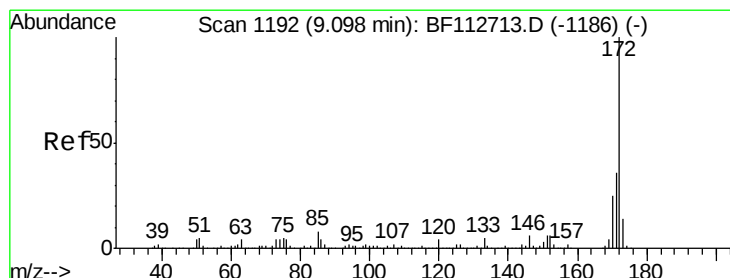
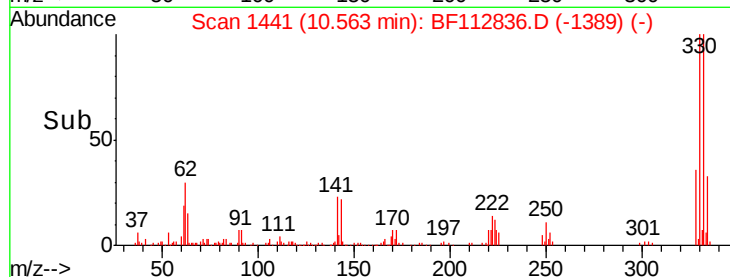
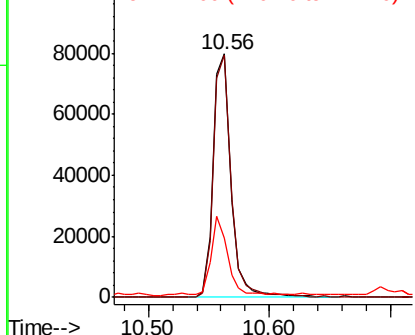
#42
 2,4,6-Tribromophenol
 Concen: 29.858 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF112836.D
 Acq: 4 Mar 2019 20:40

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-030119-H

Tgt Ion:330 Resp: 80942
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.2 114.4
 141 29.1 27.0 40.6

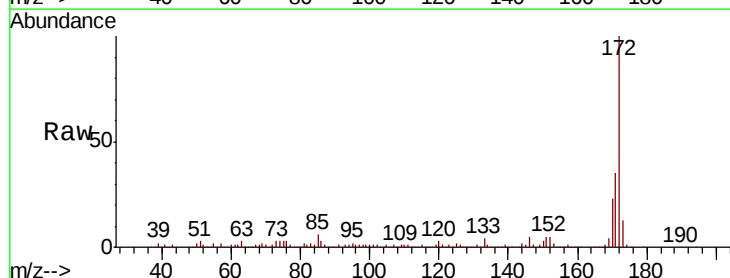


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

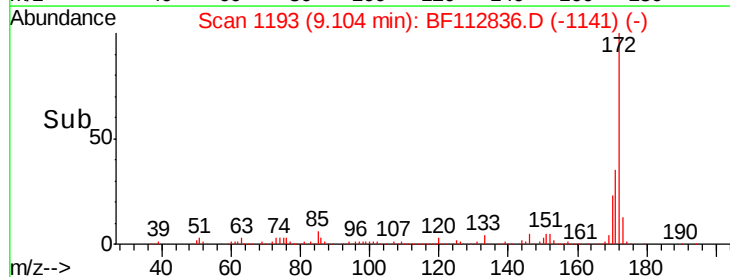
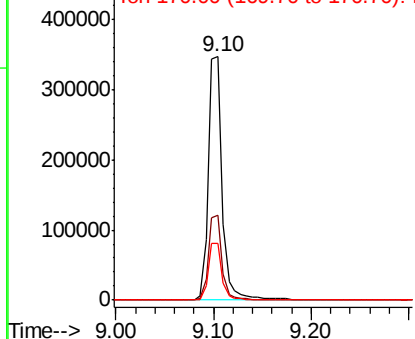


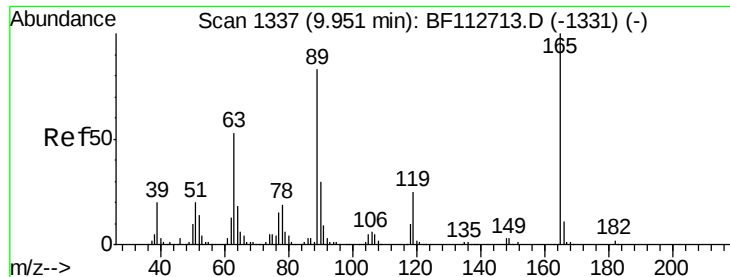
#45
 2-Fluorobiphenyl
 Concen: 17.347 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BF112836.D
 Acq: 4 Mar 2019 20:40

Tgt Ion:172 Resp: 342063
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.0 43.4
 170 23.2 20.0 30.0



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





#57

2,4-Dinitrotoluene

Concen: 7.047 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.18 min

Lab File: BF112836.D

Acq: 4 Mar 2019 20:40

Instrument :

BNA_F

ClientSampleId :

JC-03-030119-H

Tgt Ion:165 Resp: 34344

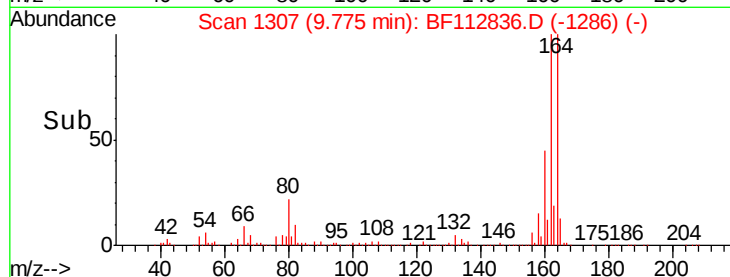
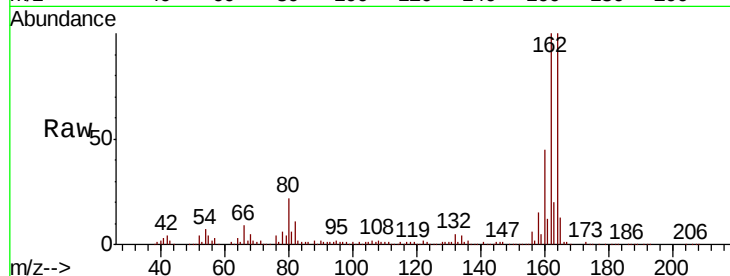
Ion Ratio Lower Upper

165 100

63 1.6 42.2 63.2#

89 2.9 66.2 99.4#

182 3.6 1.8 2.6#

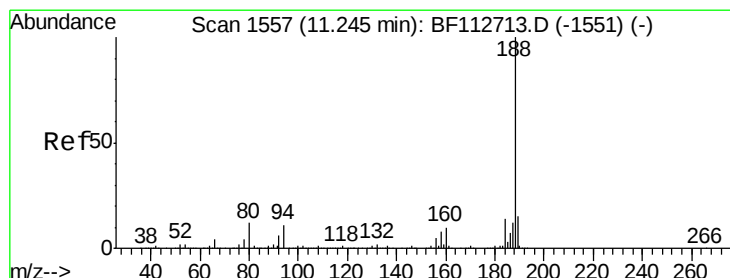
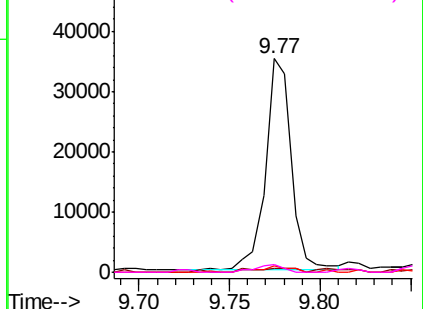


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF112836.D

Acq: 4 Mar 2019 20:40

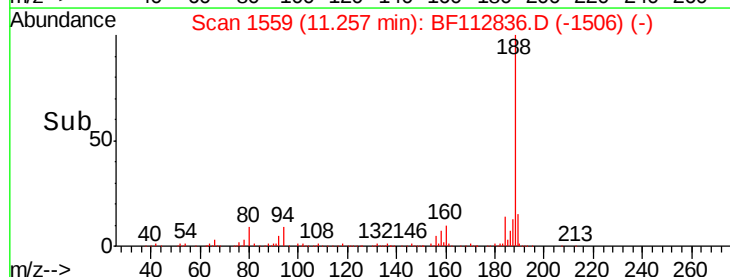
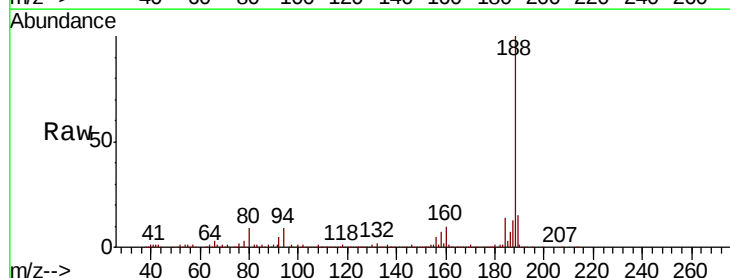
Tgt Ion:188 Resp: 478451

Ion Ratio Lower Upper

188 100

94 8.9 9.0 13.4#

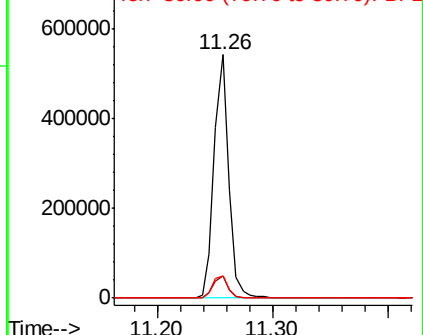
80 9.3 9.2 13.8

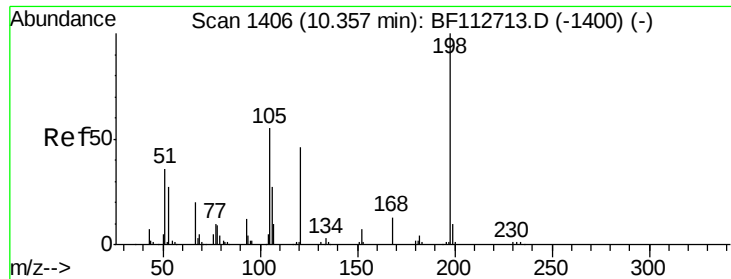


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

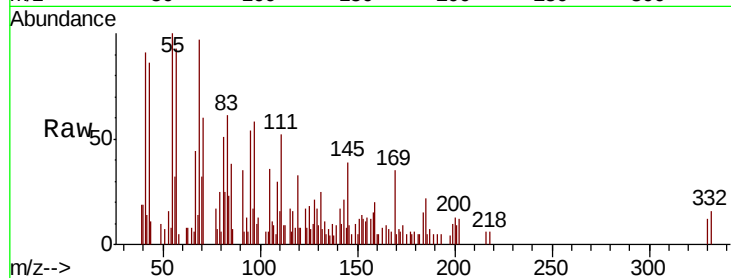




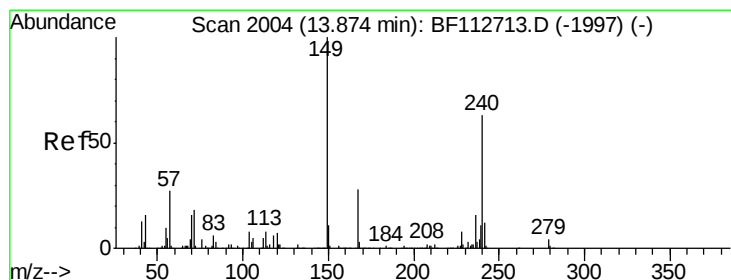
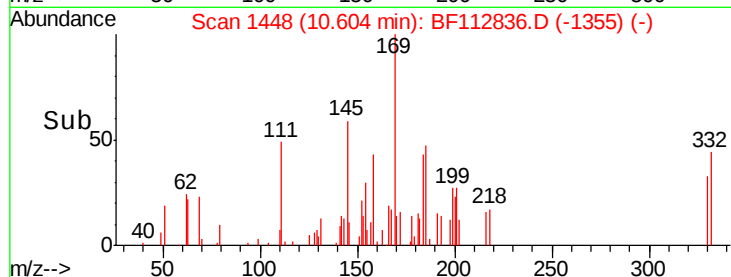
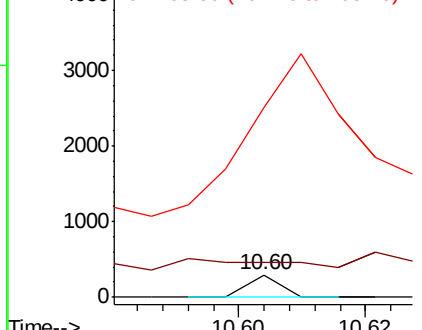
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.661 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.25 min
 Lab File: BF112836.D
 Acq: 4 Mar 2019 20:40

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-030119-H

Tgt Ion:198 Resp: 106
 Ion Ratio Lower Upper
 198 100
 51 155.1 43.8 83.8#
 105 834.9 36.5 76.5#

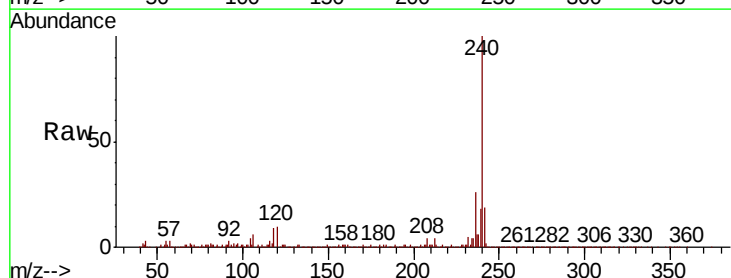


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

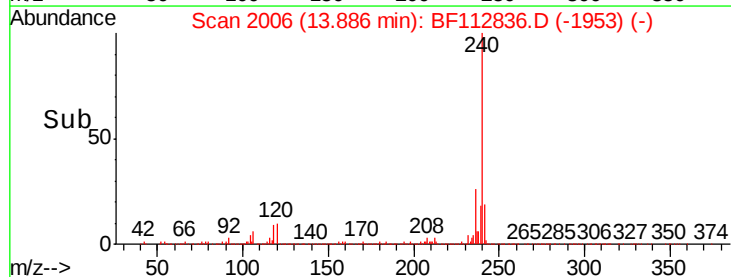
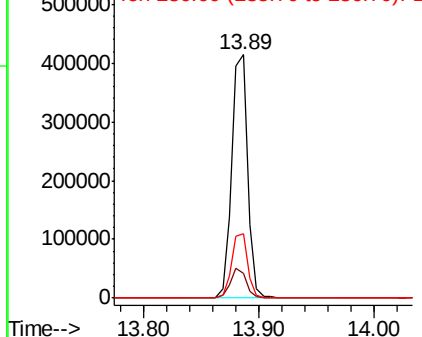


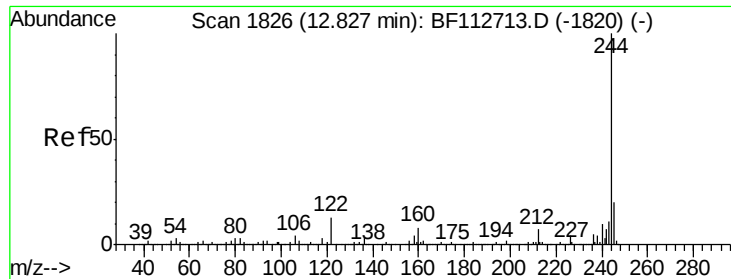
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF112836.D
 Acq: 4 Mar 2019 20:40

Tgt Ion:240 Resp: 392529
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.9 13.3
 236 26.5 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





#79

Terphenyl-d14

Concen: 16.723 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF112836.D

Acq: 4 Mar 2019 20:40

Instrument :

BNA_F

ClientSampleId :

JC-03-030119-H

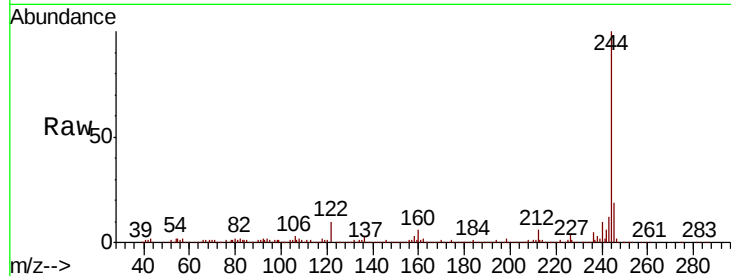
Tgt Ion:244 Resp: 338634

Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

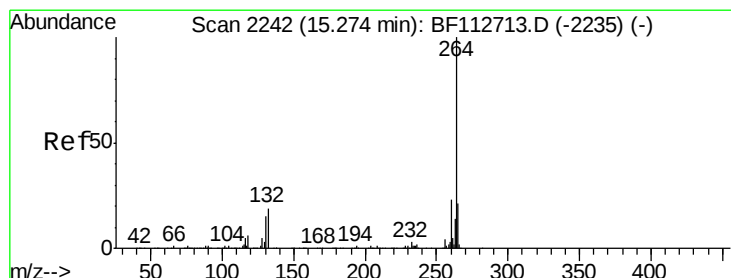
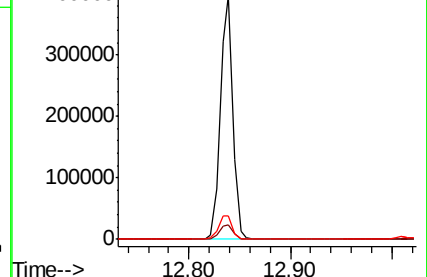
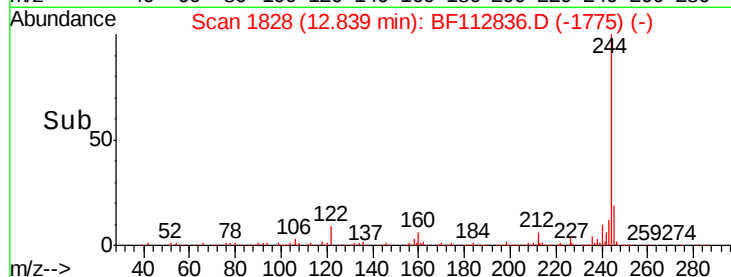
122 9.6 10.5 15.7#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. 0.02 min

Lab File: BF112836.D

Acq: 4 Mar 2019 20:40

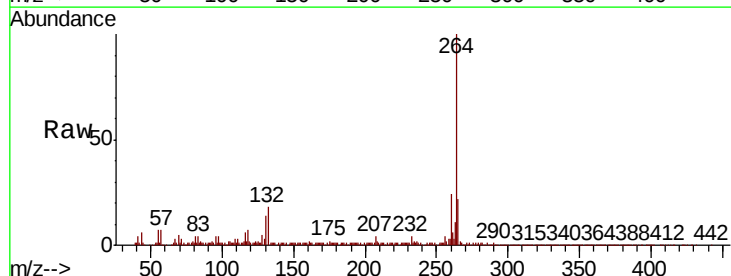
Tgt Ion:264 Resp: 285591

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 22.3 17.2 25.8



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

