

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098458.D
 Acq On : 12 Sep 2017 18:55
 Operator : SJ/JU
 Sample : I5171-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-2342-2669-3025-3091-3873

Quant Time: Sep 13 01:46:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

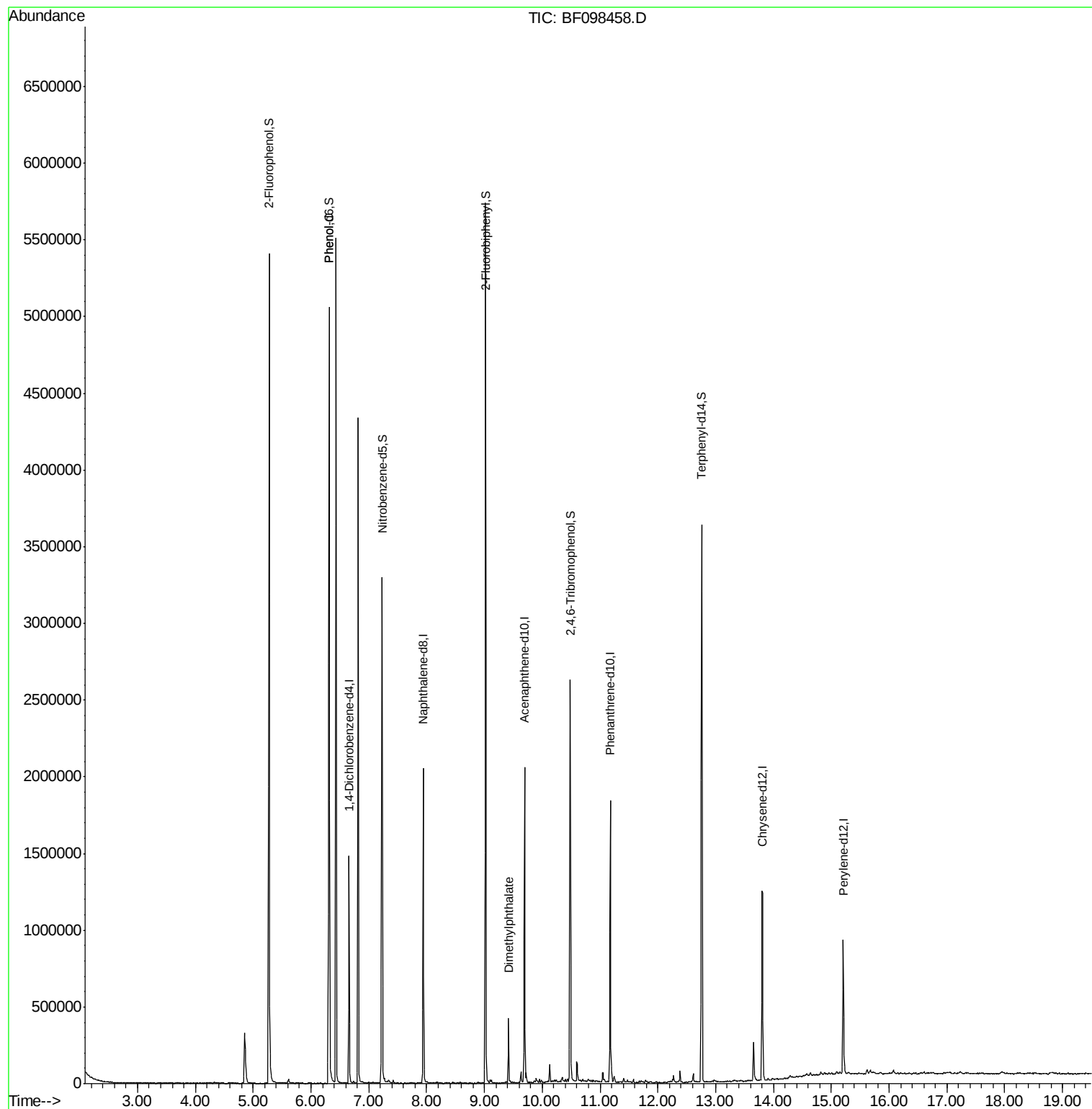
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	212212	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	874296	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	375132	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	587706	20.00	ng	-0.01
75) Chrysene-d12	13.81	240	415203	20.00	ng	0.00
86) Perylene-d12	15.20	264	357462	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1553411	108.23	ng	0.00
7) Phenol-d6	6.32	99	1895030	103.99	ng	0.00
23) Nitrobenzene-d5	7.23	82	1154464	73.61	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	273745	109.34	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1709635	77.24	ng	-0.01
78) Terphenyl-d14	12.76	244	1127553	58.62	ng	-0.01
Target Compounds						
10) Phenol	6.32	94	64412	3.043	ng	Qvalue # 59
49) Dimethylphthalate	9.42	163	151570	5.220	ng	99

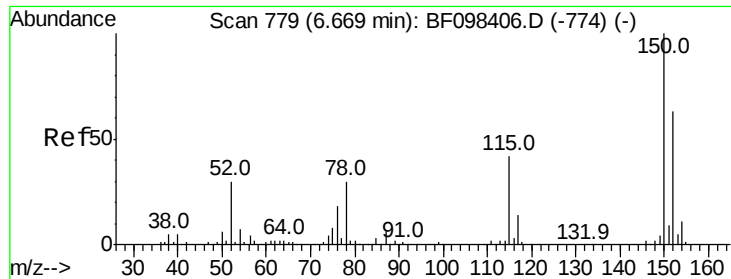
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF098458.D

Acq: 12 Sep 2017 18:55

Instrument :

BNA_F

ClientSampleId :

RT-2342-2669-3025-3091-3873

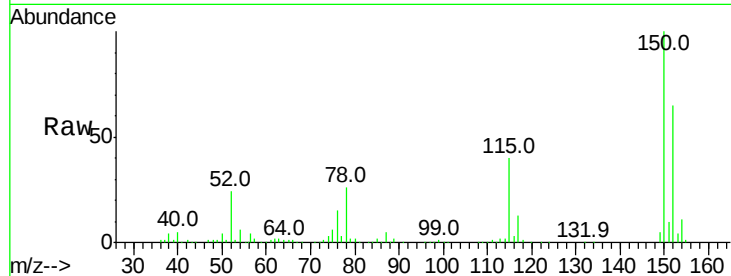
Tot Ion:152 Resp: 212212

Ion Ratio Lower Upper

152 100

150 154.8 126.2 189.2

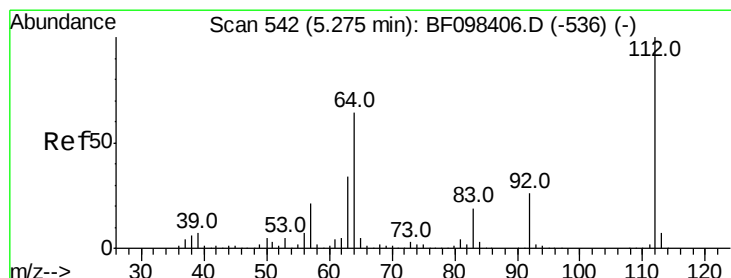
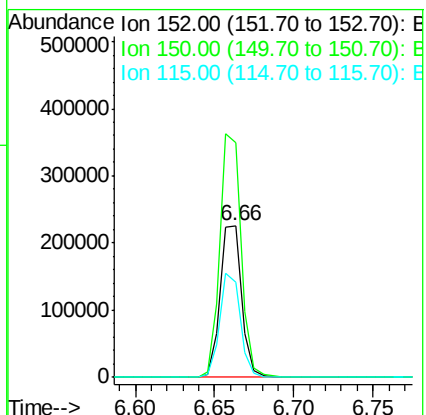
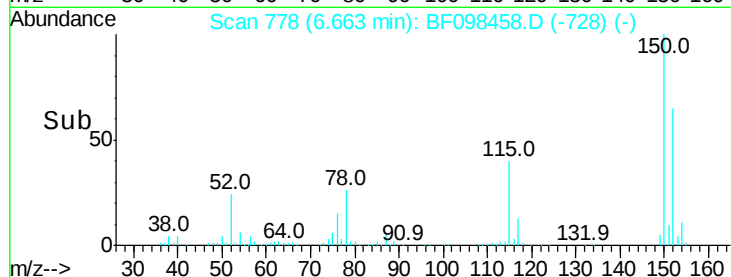
115 62.5 52.2 78.2



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: 108.229 ng

RT: 5.27 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF098458.D

Acq: 12 Sep 2017 18:55

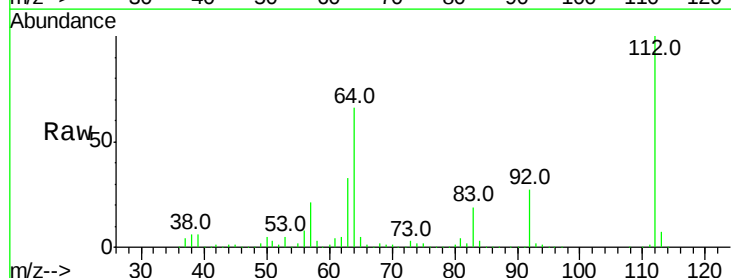
Tgt Ion:112 Resp: 1553411

Ion Ratio Lower Upper

112 100

64 65.6 46.0 69.0

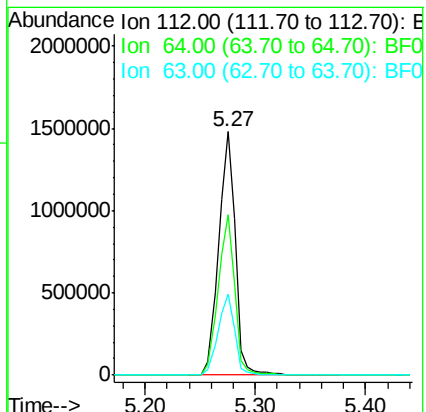
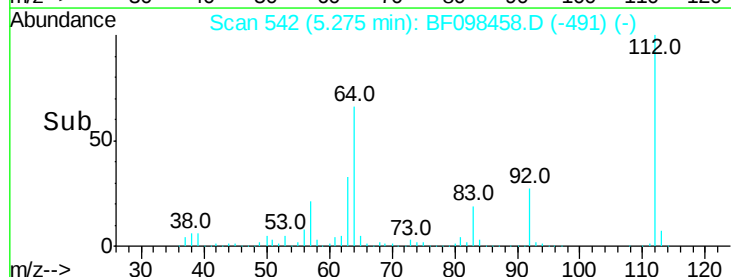
63 33.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.989 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF098458.D

Acq: 12 Sep 2017 18:55

Instrument :

BNA_F

ClientSampleId :

RT-2342-2669-3025-3091-3873

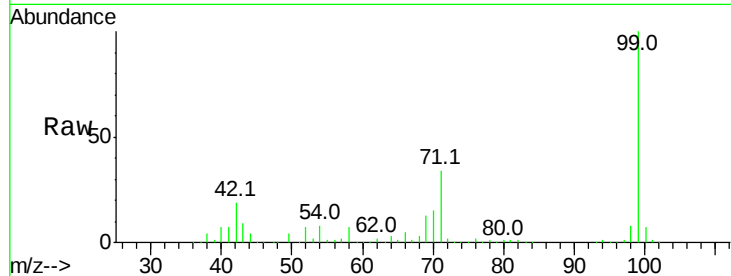
Tot Ion: 99 Resp: 1895030

Ion Ratio Lower Upper

99 100

42 18.8 13.5 20.3

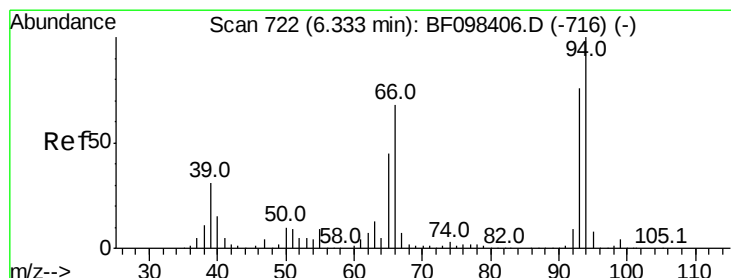
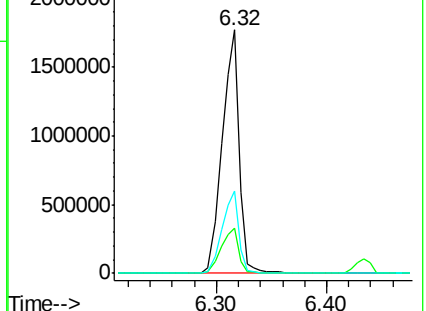
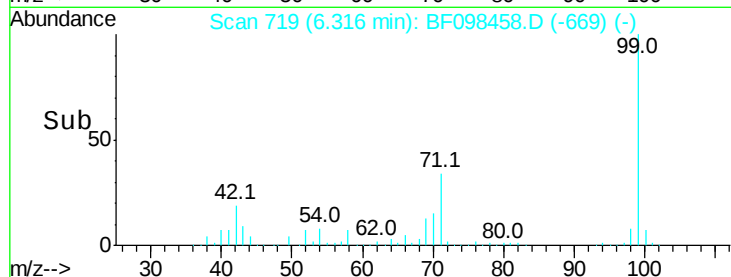
71 33.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.043 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF098458.D

Acq: 12 Sep 2017 18:55

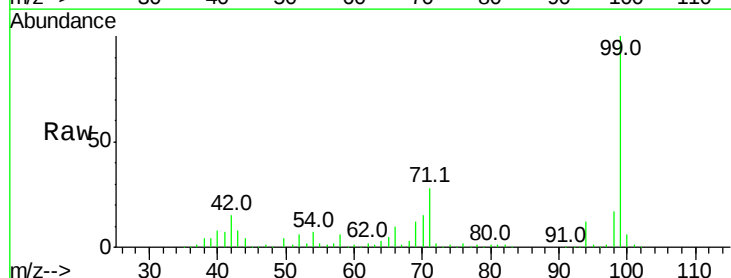
Tgt Ion: 94 Resp: 64412

Ion Ratio Lower Upper

94 100

65 41.3 9.9 49.9

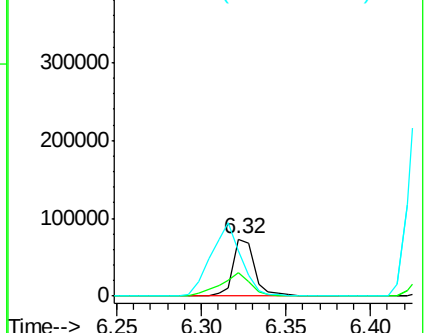
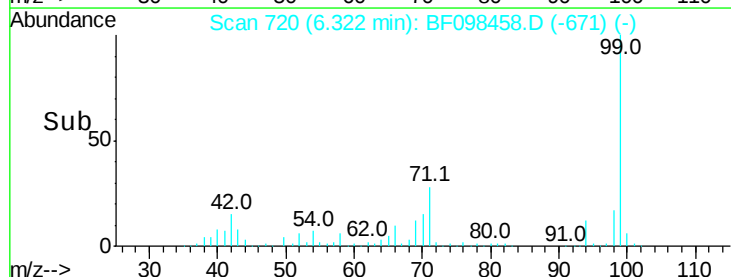
66 78.8 23.1 63.1#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

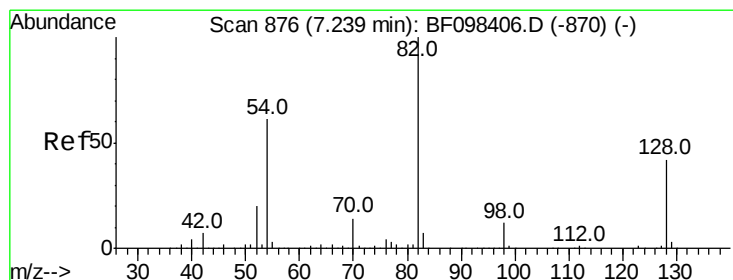
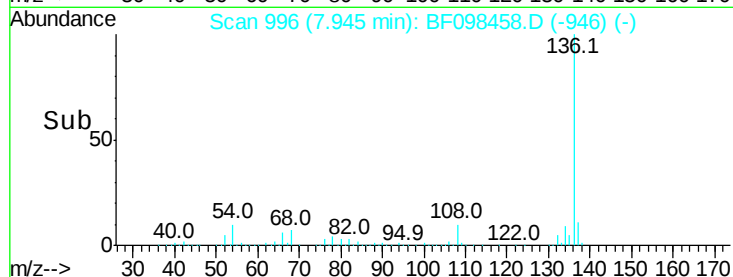
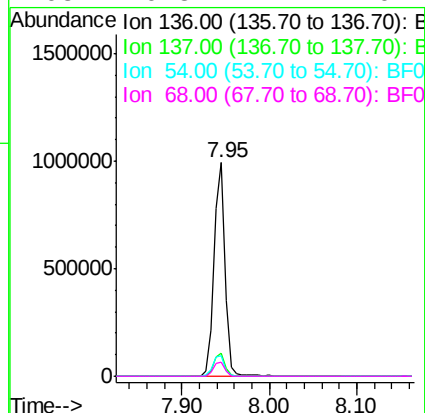
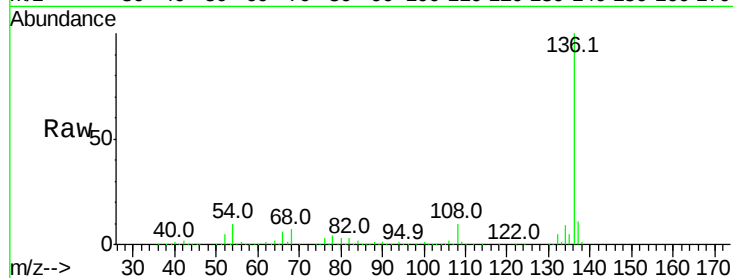




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF098458.D
Acq: 12 Sep 2017 18:55

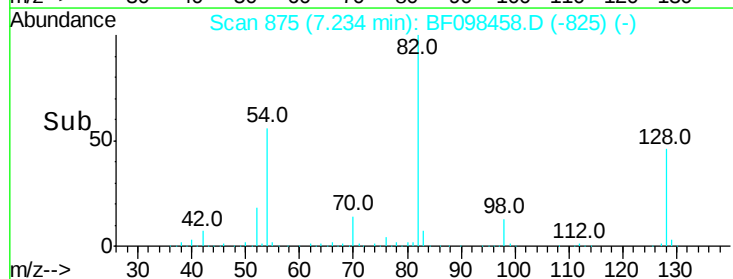
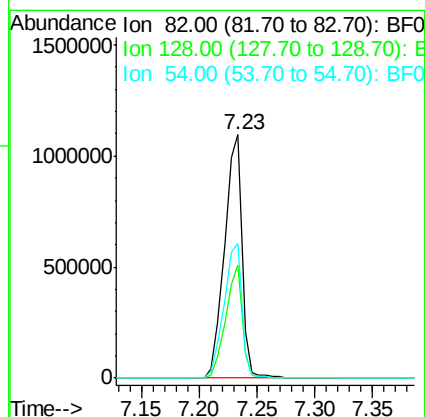
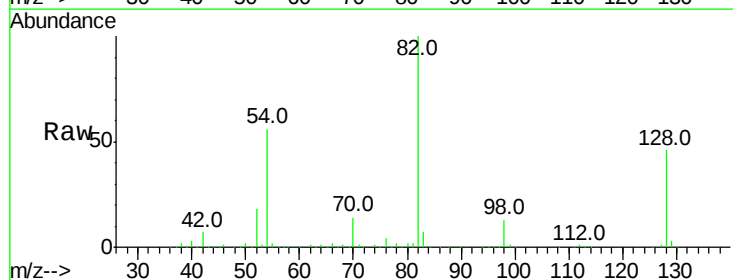
Instrument :
BNA_F
ClientSampleId :
RT-2342-2669-3025-3091-3873

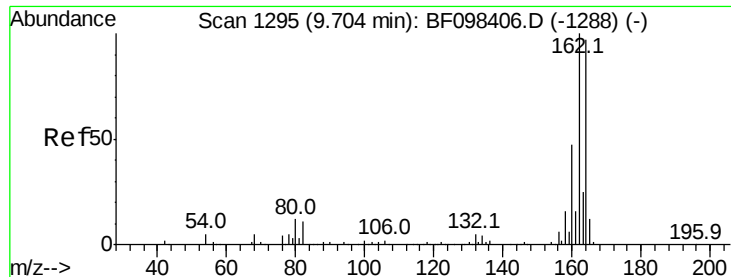
Tot Ion:	136	Resp:	874296
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	9.7	4.9	7.3#
68	6.8	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 73.615 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF098458.D
Acq: 12 Sep 2017 18:55

Tgt Ion:	82	Resp:	1154464
Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.0	51.0
54	55.6	42.2	63.2

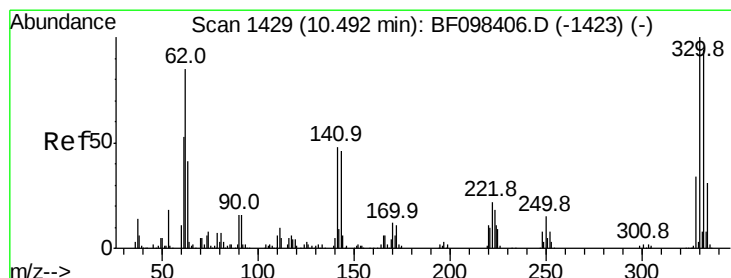
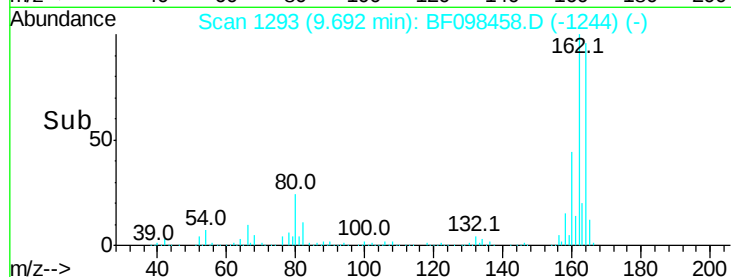
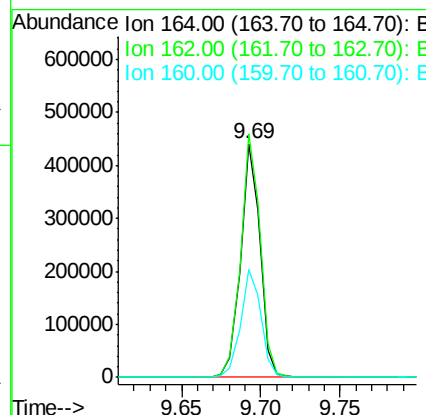
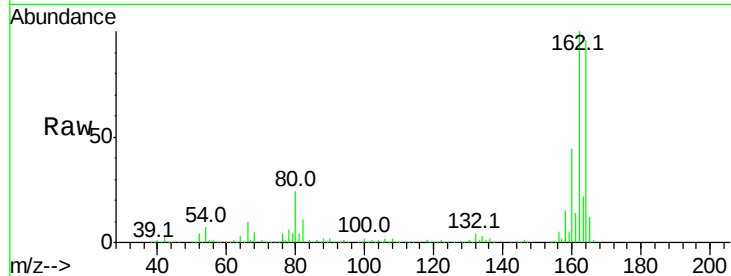




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF098458.D
 Acq: 12 Sep 2017 18:55

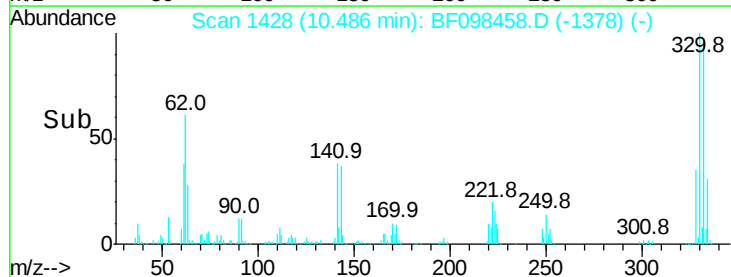
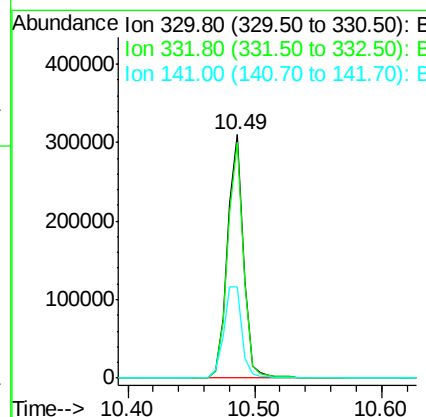
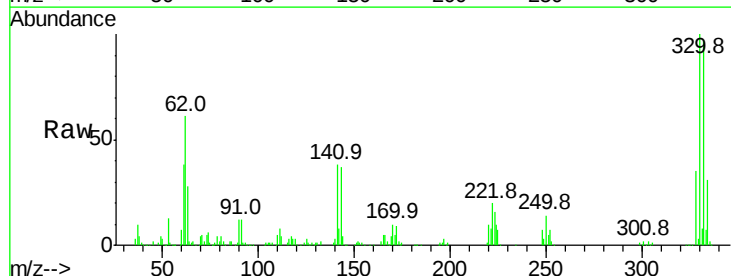
Instrument :
 BNA_F
 ClientSampleId :
 RT-2342-2669-3025-3091-3873

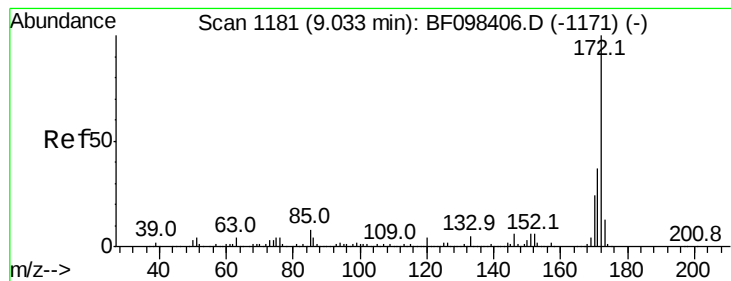
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.6	123.8
160	45.9	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 109.336 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF098458.D
 Acq: 12 Sep 2017 18:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	43.2	31.4	47.2





#44

2-Fluorobiphenyl

Concen: 77.245 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF098458.D

Acq: 12 Sep 2017 18:55

Instrument :

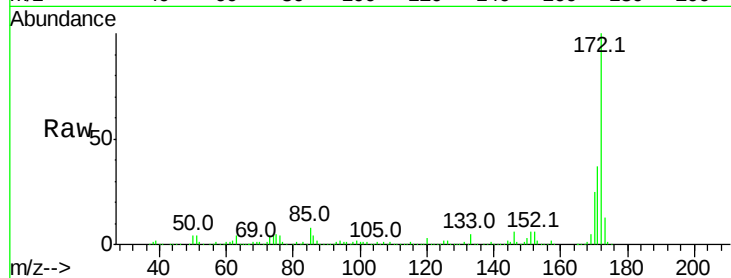
BNA_F

ClientSampleId :

RT-2342-2669-3025-3091-3873

Tot Ion:172 Resp: 1709635

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.5	19.8	29.8

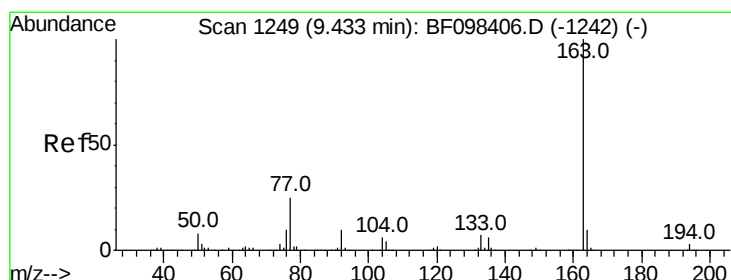
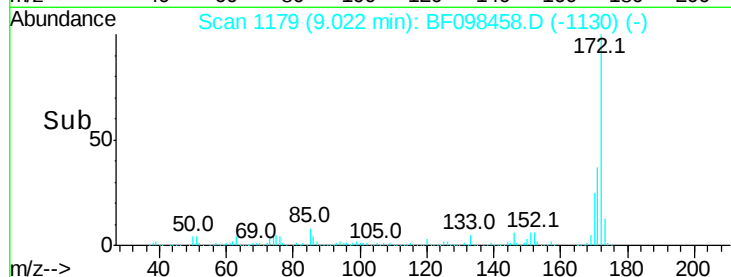
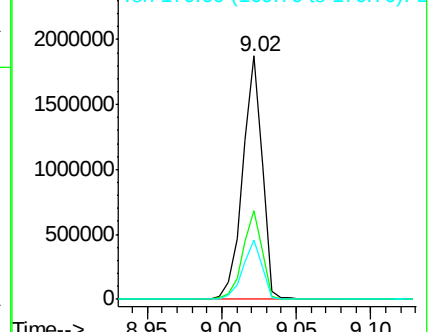


Abundance

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: 5.220 ng

RT: 9.42 min Scan# 1246

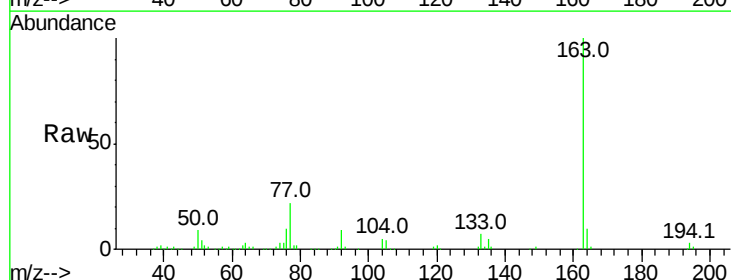
Delta R.T. -0.02 min

Lab File: BF098458.D

Acq: 12 Sep 2017 18:55

Tgt Ion:163 Resp: 151570

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.3	8.4	12.6

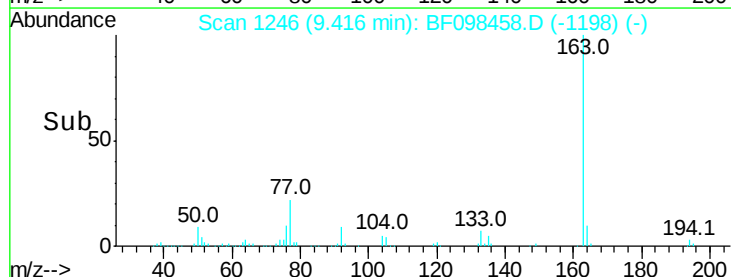
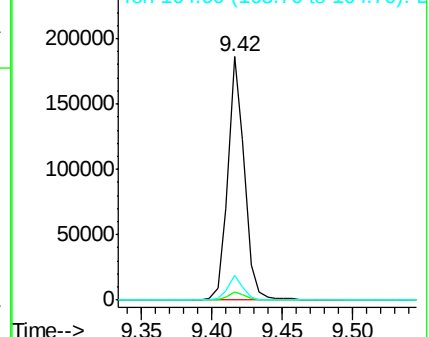


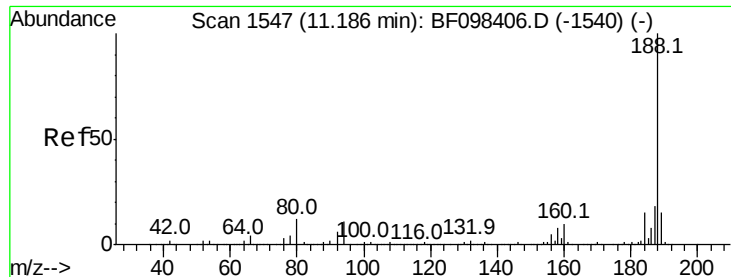
Abundance

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: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF098458.D

Acq: 12 Sep 2017 18:55

Instrument :

BNA_F

ClientSampleId :

RT-2342-2669-3025-3091-3873

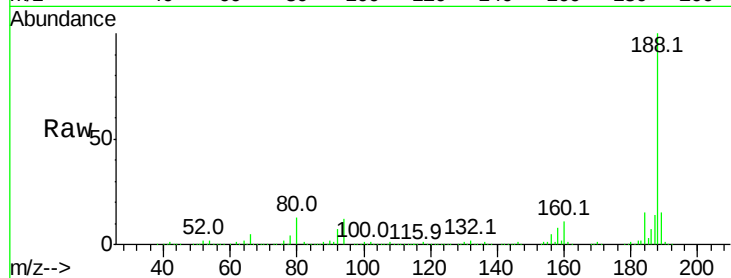
Tot Ion:188 Resp: 587706

Ion Ratio Lower Upper

188 100

94 12.1 9.4 14.2

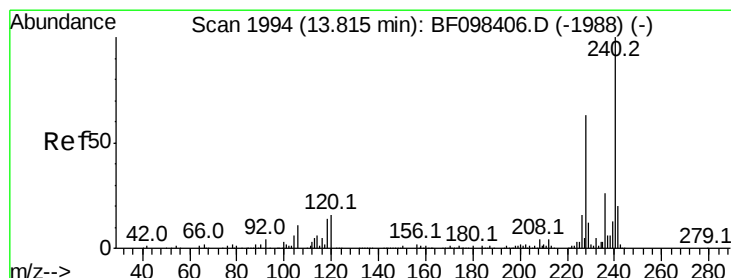
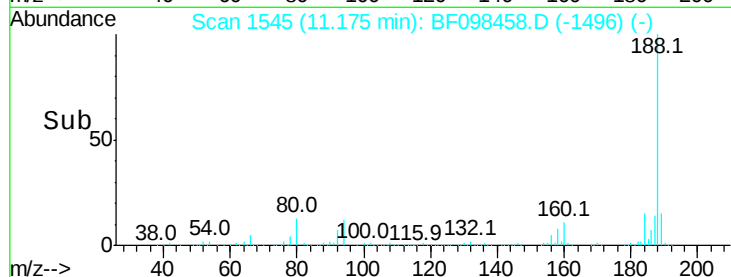
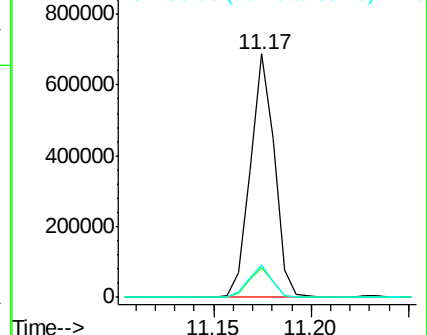
80 13.5 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF098458.D

Acq: 12 Sep 2017 18:55

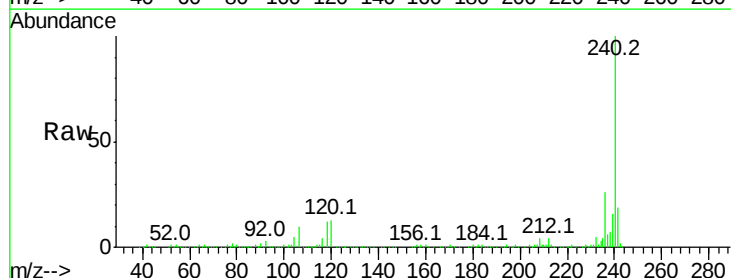
Tgt Ion:240 Resp: 415203

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

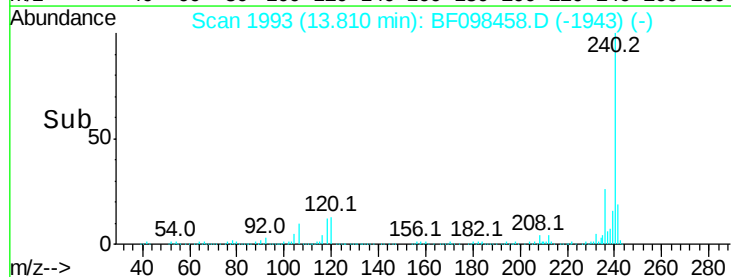
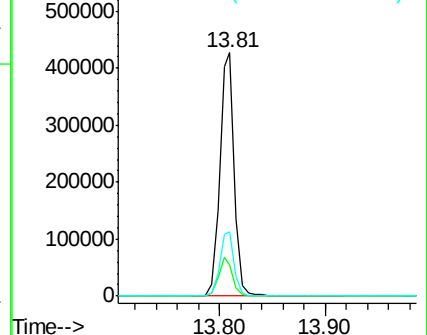
236 26.3 20.5 30.7

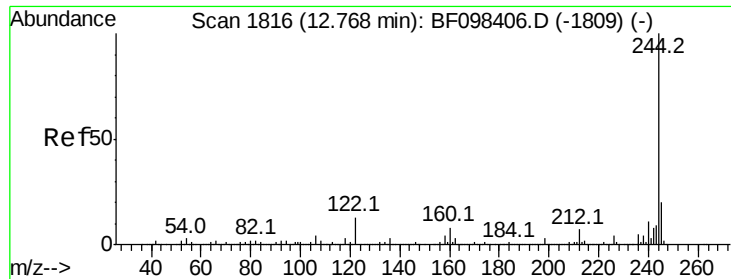


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 58.617 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF098458.D

Acq: 12 Sep 2017 18:55

Instrument :

BNA_F

ClientSampleId :

RT-2342-2669-3025-3091-3873

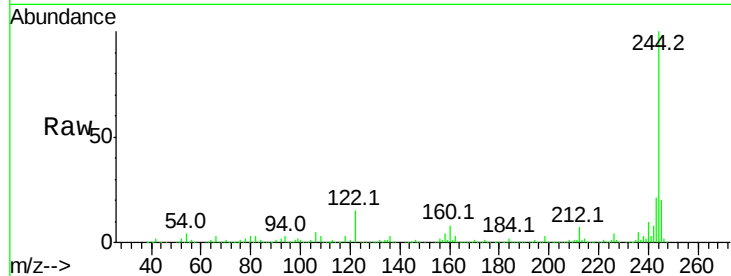
Tot Ion:244 Resp: 1127553

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

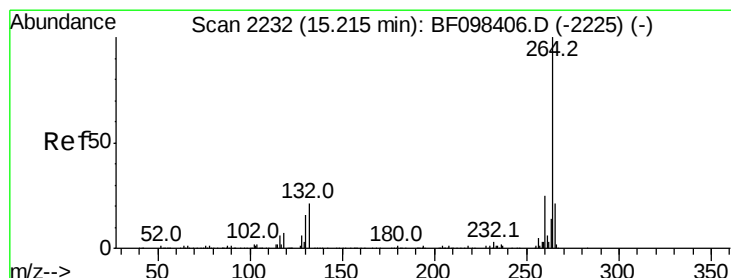
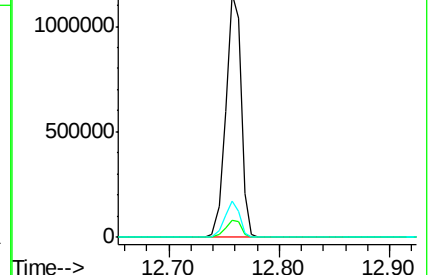
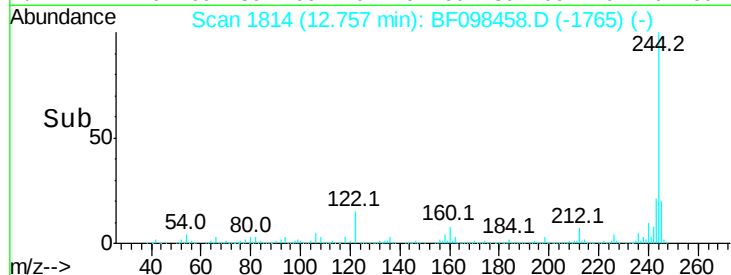
122 14.8 10.3 15.5



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: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF098458.D

Acq: 12 Sep 2017 18:55

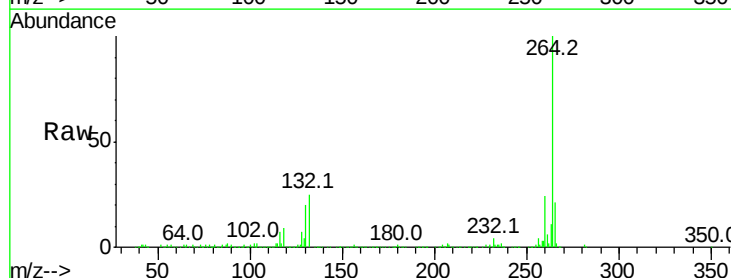
Tgt Ion:264 Resp: 357462

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 20.9 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

