

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
 Data File : BP000350.D
 Acq On : 20 Sep 2019 13:36
 Operator : HP/JU
 Sample : K4959-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BASE-2

Quant Time: Sep 20 23:36:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

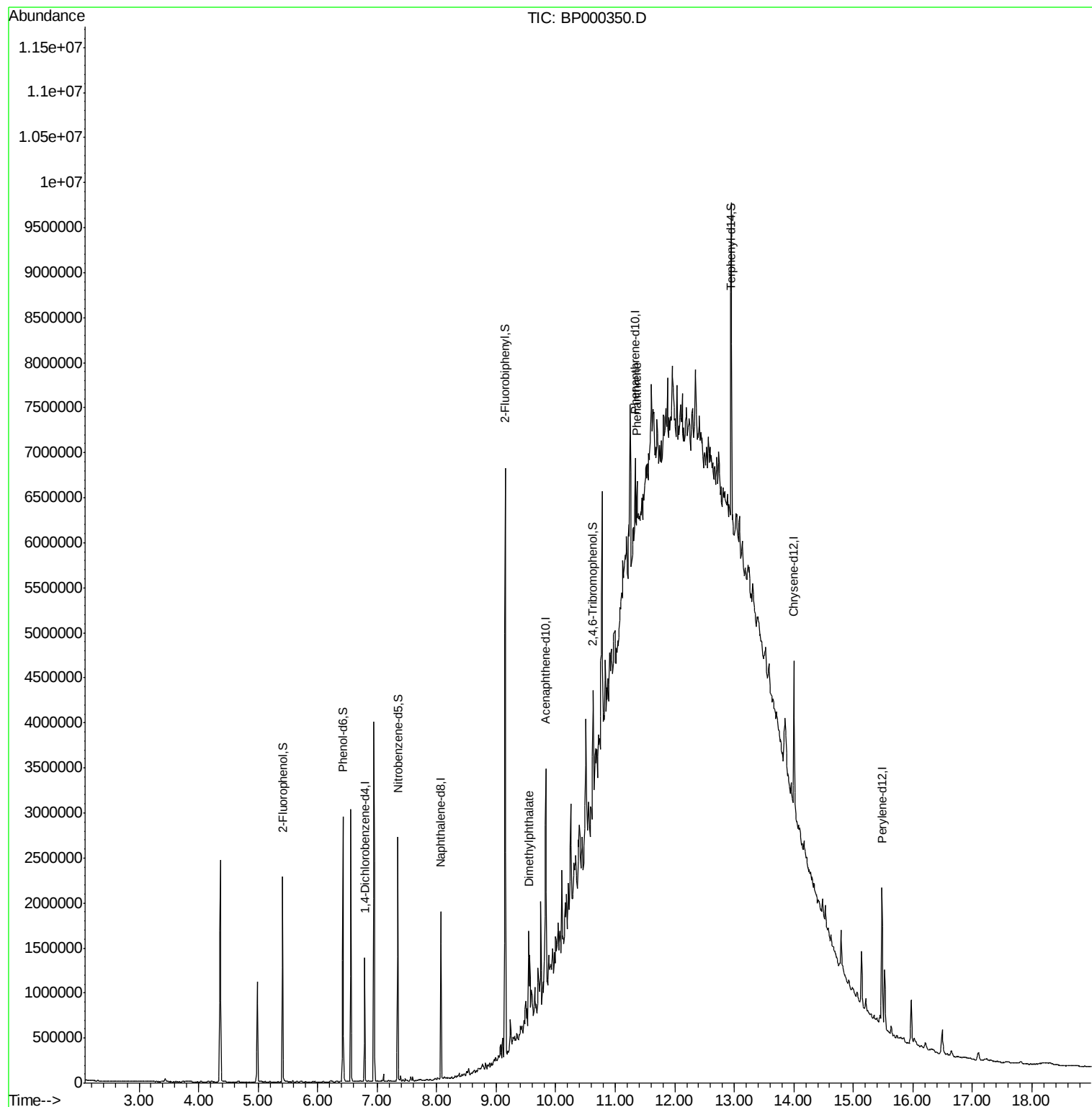
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	213574	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	798451	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	404267	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	520142	20.00	ng	0.00
76) Chrysene-d12	14.00	240	557425	20.00	ng	0.00
87) Perylene-d12	15.48	264	720048	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	663889	53.66	ng	0.00
7) Phenol-d6	6.43	99	1173947	77.41	ng	0.00
23) Nitrobenzene-d5	7.35	82	802939	64.88	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	178004	44.39	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1883838	83.87	ng	0.00
79) Terphenyl-d14	12.95	244	1512425	56.92	ng	0.01
Target Compounds						
50) Dimethylphthalate	9.54	163	152293	5.529	ng	# 93
71) Phenanthrene	11.36	178	61147	2.346	ng	# 17

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

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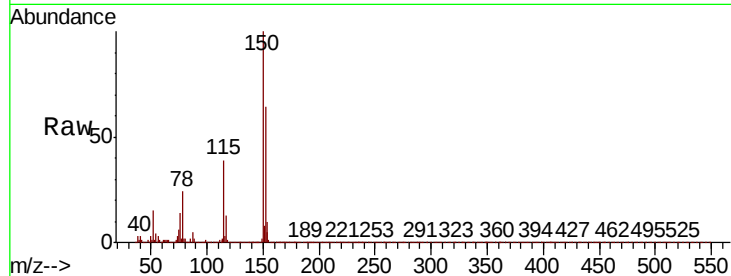


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000350.D
Acq: 20 Sep 2019 13:36

Instrument :
BNA_P
ClientSampleId :
BASE-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.2	187.8
115	61.4	49.7	74.5

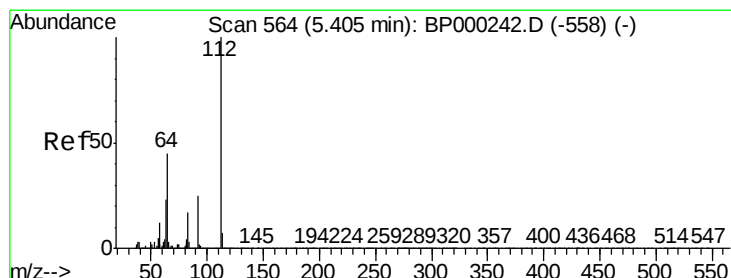
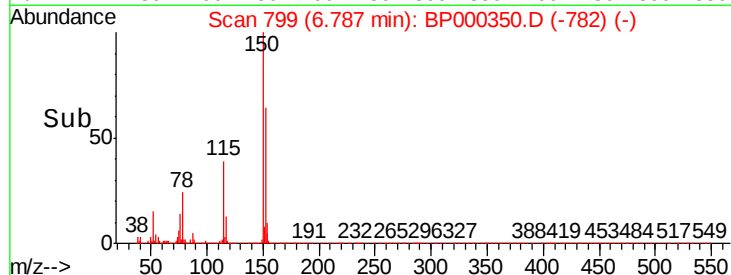
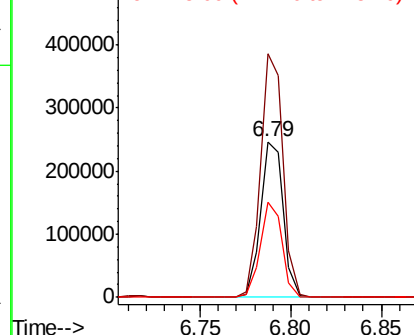


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

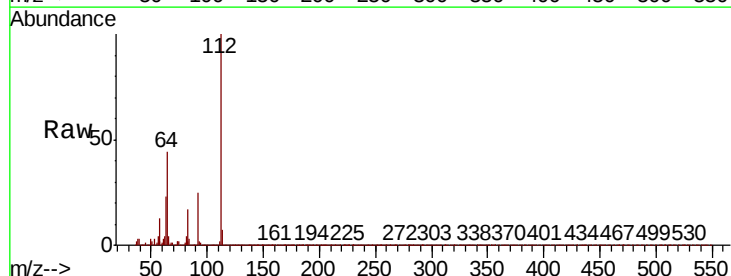
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 53.663 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000350.D
Acq: 20 Sep 2019 13:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.2	36.2	54.4
63	23.0	18.3	27.5

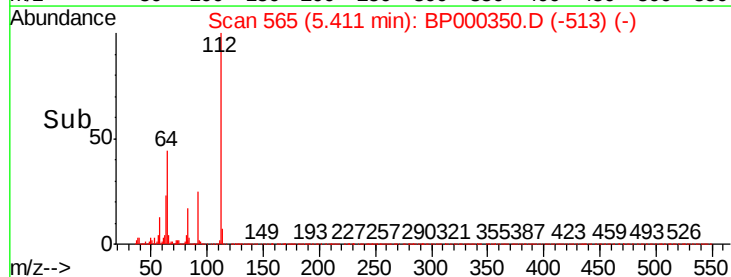
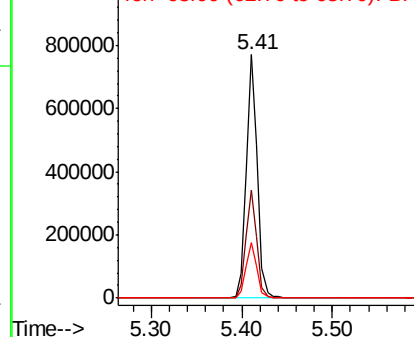


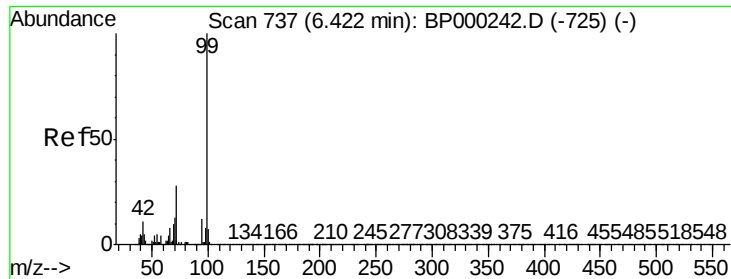
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 77.413 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000350.D

Acq: 20 Sep 2019 13:36

Instrument :

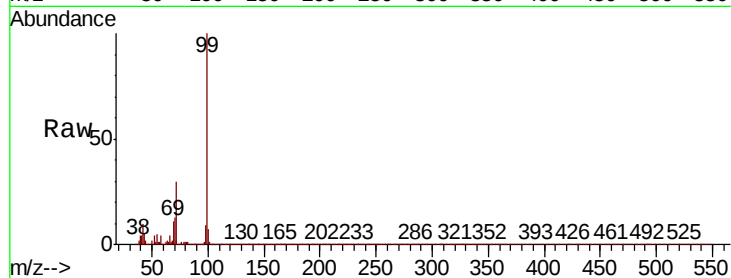
BNA_P

ClientSampleId :

BASE-2

Tot Ion: 99 Resp: 1173947

Ion	Ratio	Lower	Upper
99	100		
42	10.4	8.5	12.7
71	29.8	22.6	34.0

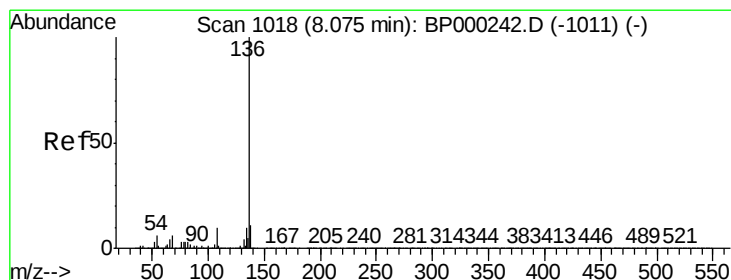
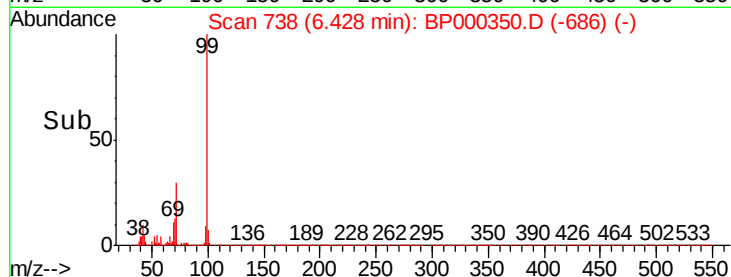
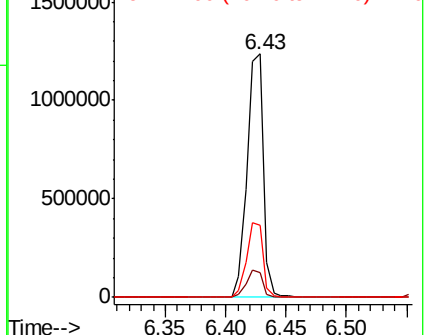


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

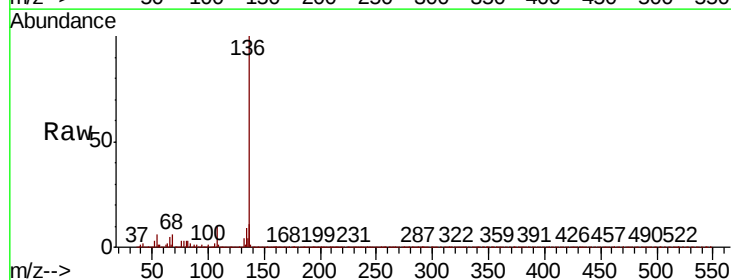
Delta R.T. -0.01 min

Lab File: BP000350.D

Acq: 20 Sep 2019 13:36

Tgt Ion: 136 Resp: 798451

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	5.8	4.5	6.7
68	5.5	4.5	6.7



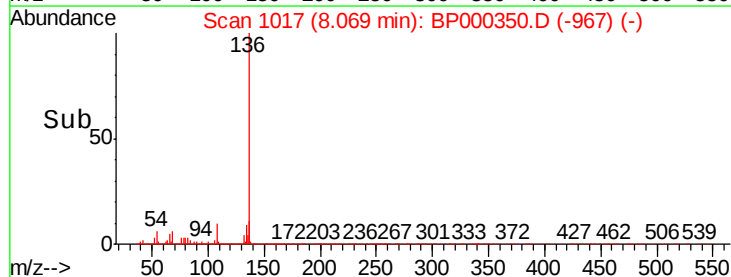
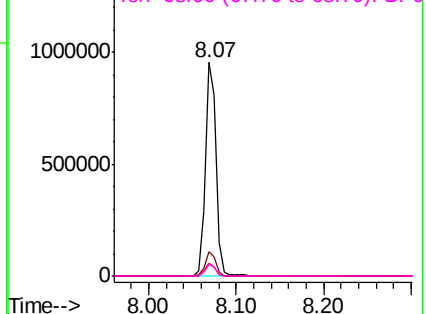
Abundance

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): BP0

Ion 68.00 (67.70 to 68.70): BP0

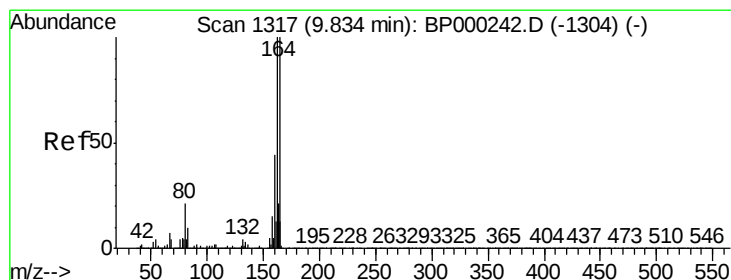
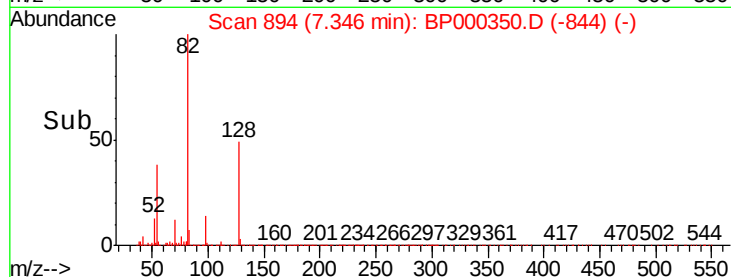
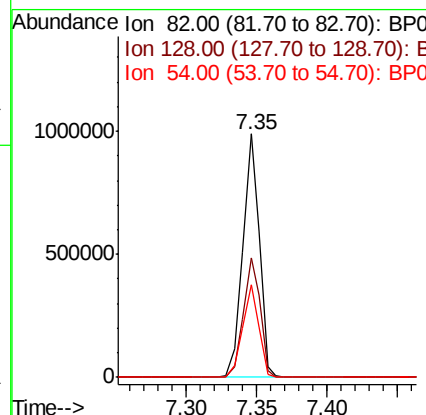
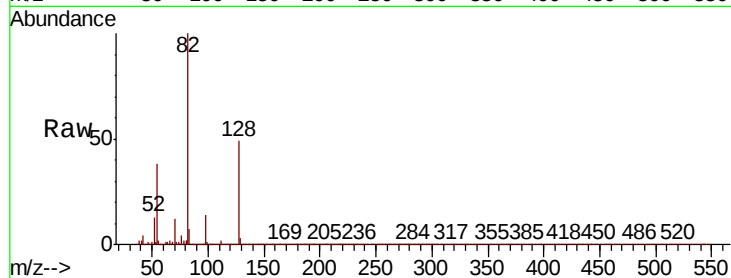




#23
 Nitrobenzene-d5
 Concen: 64.882 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BP000350.D
 Acq: 20 Sep 2019 13:36

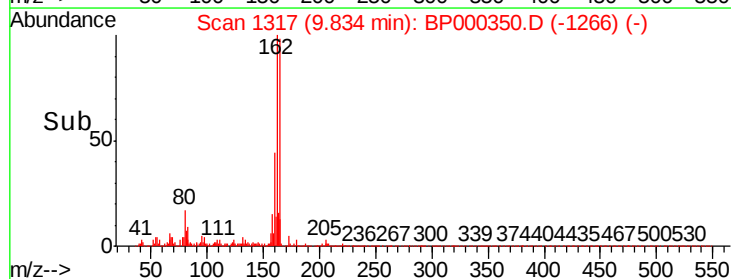
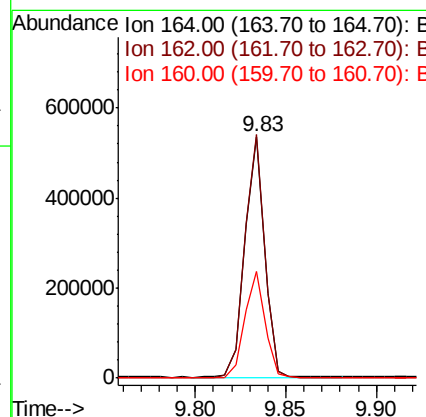
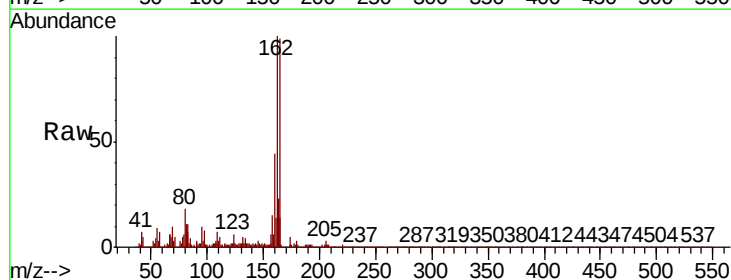
Instrument :
 BNA_P
 ClientSampleId :
 BASE-2

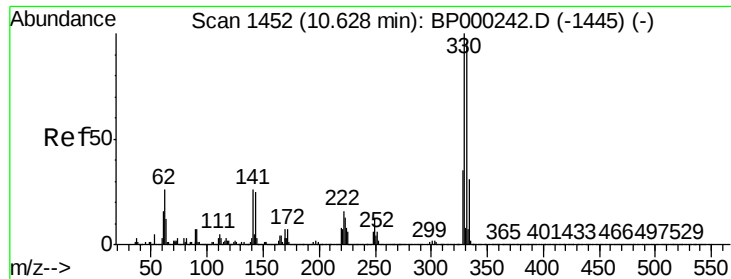
Tot Ion	82	Resp	802939
Ion Ratio	Lower	Upper	
82	100		
128	49.0	40.7	61.1
54	38.1	30.1	45.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BP000350.D
 Acq: 20 Sep 2019 13:36

Tgt Ion	164	Resp	404267
Ion Ratio	Lower	Upper	
164	100		
162	101.0	79.9	119.9
160	44.5	35.6	53.4

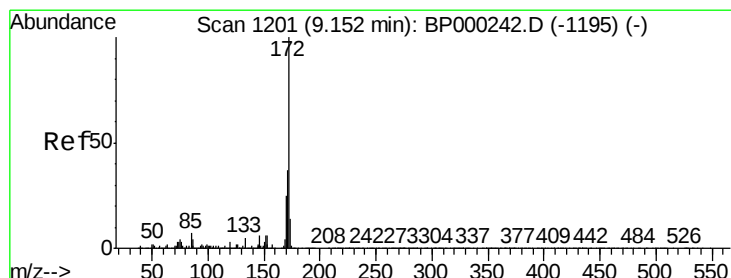
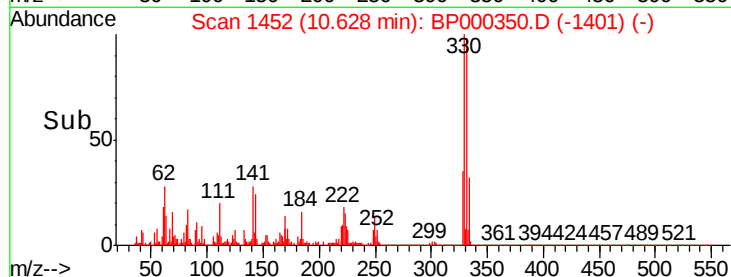
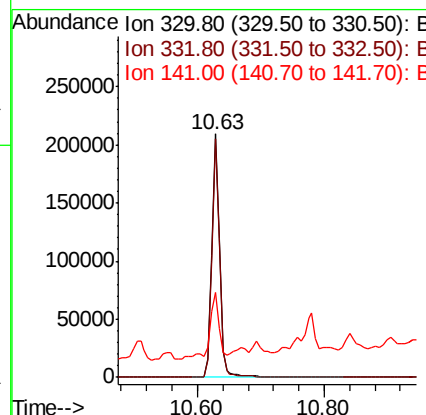
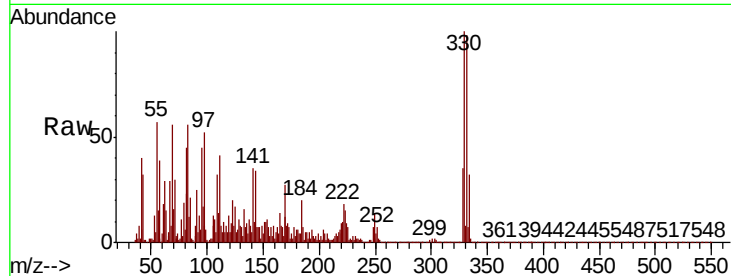




#42
 2,4,6-Tribromophenol
 Concen: 44.392 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BP000350.D
 Acq: 20 Sep 2019 13:36

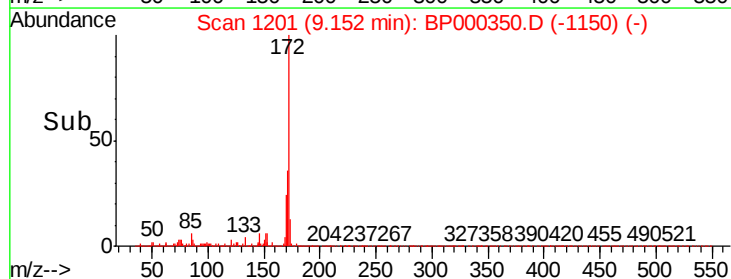
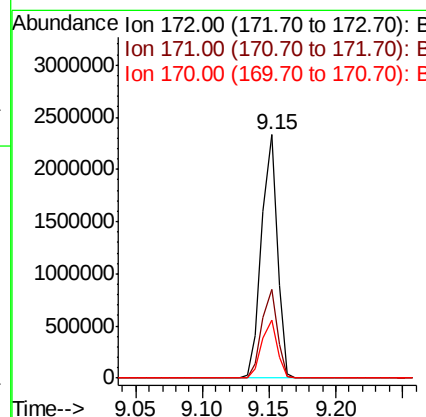
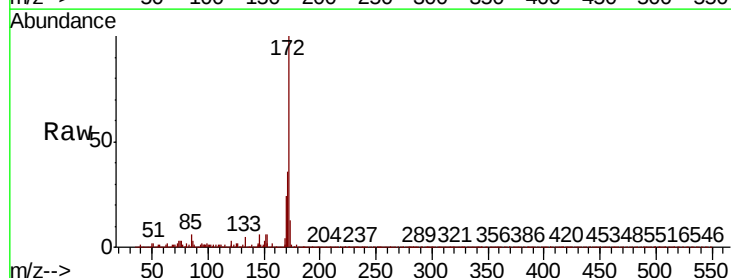
Instrument :
 BNA_P
 ClientSampleId :
 BASE-2

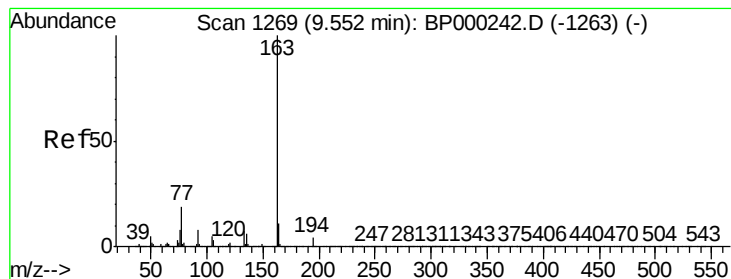
Tot Ion:330 Resp: 178004
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 115.0
 141 31.7 26.5 39.7



#45
 2-Fluorobiphenyl
 Concen: 83.869 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BP000350.D
 Acq: 20 Sep 2019 13:36

Tgt Ion:172 Resp: 1883838
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.8 44.6
 170 23.9 19.8 29.6





#50

Dimethylphthalate

Concen: 5.529 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP000350.D

Acq: 20 Sep 2019 13:36

Instrument :

BNA_P

ClientSampleId :

BASE-2

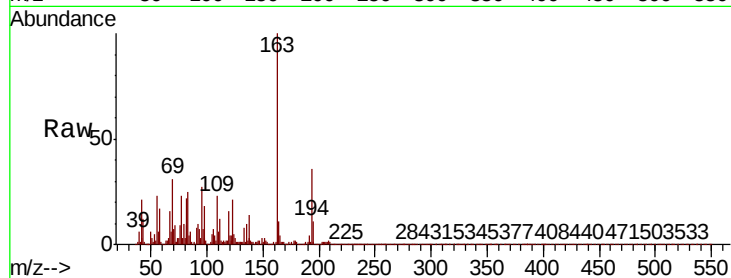
Tot Ion:163 Resp: 152293

Ion Ratio Lower Upper

163 100

194 10.5 3.4 5.0#

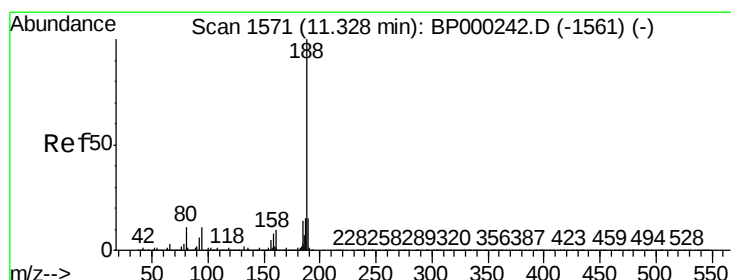
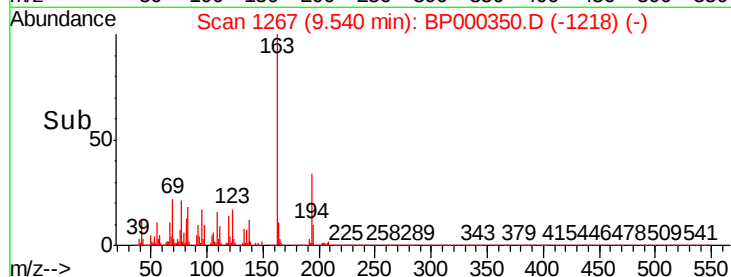
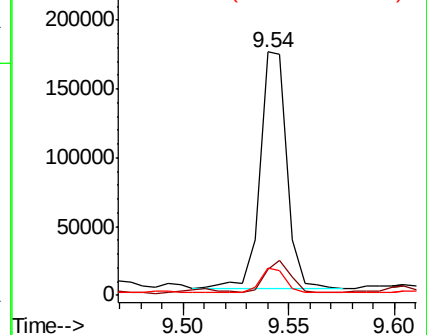
164 11.4 8.5 12.7



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BP000350.D

Acq: 20 Sep 2019 13:36

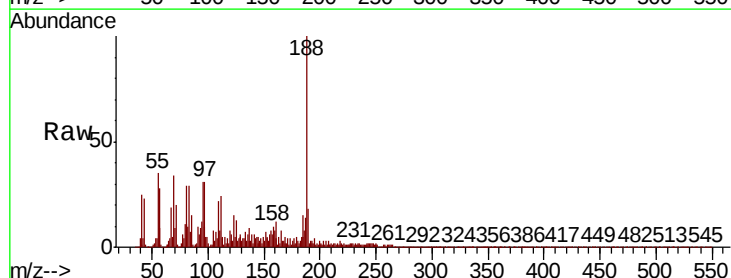
Tgt Ion:188 Resp: 520142

Ion Ratio Lower Upper

188 100

94 11.9 8.5 12.7

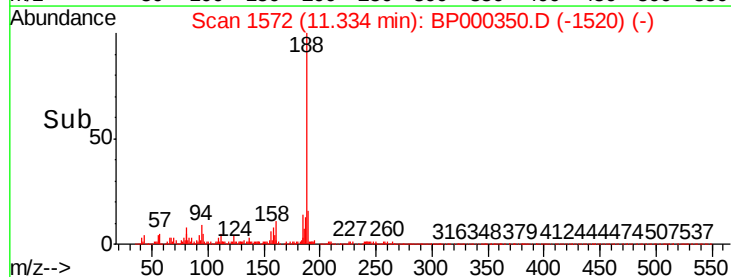
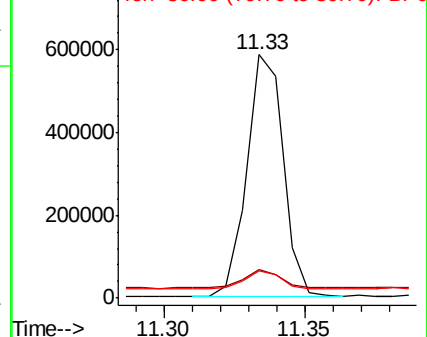
80 11.4 8.6 13.0

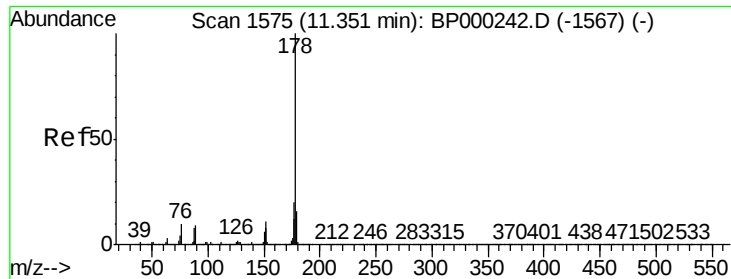


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

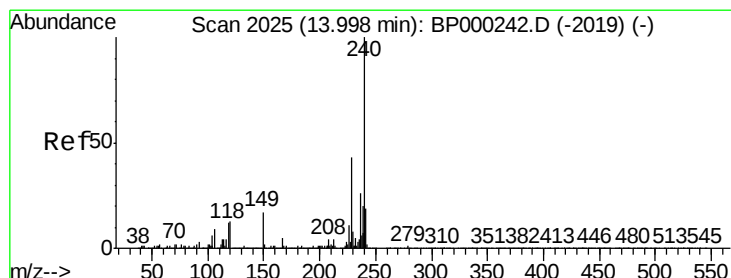
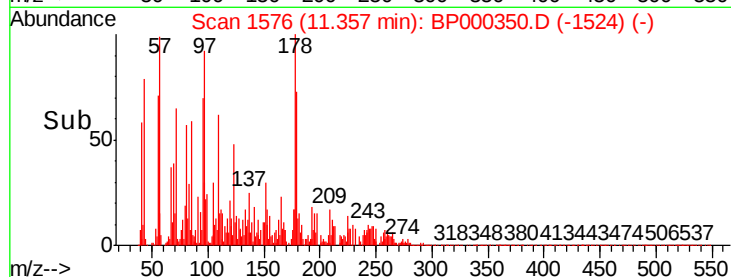
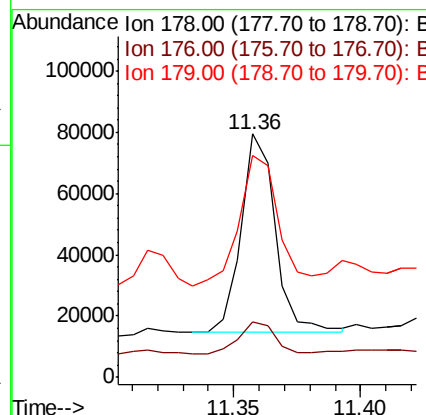
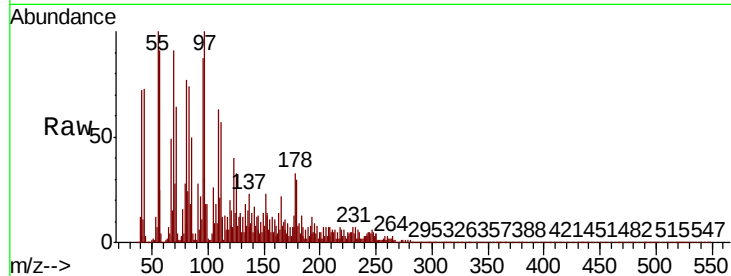




#71
Phenanthrene
Concen: 2.346 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BP000350.D
Acq: 20 Sep 2019 13:36

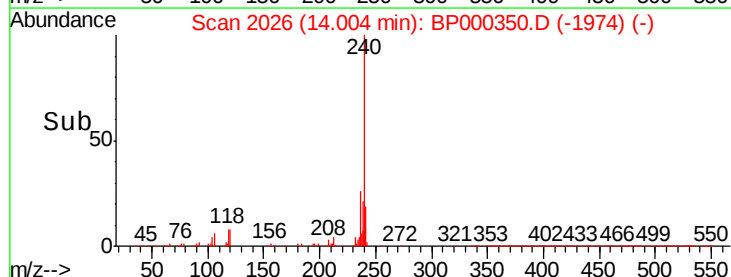
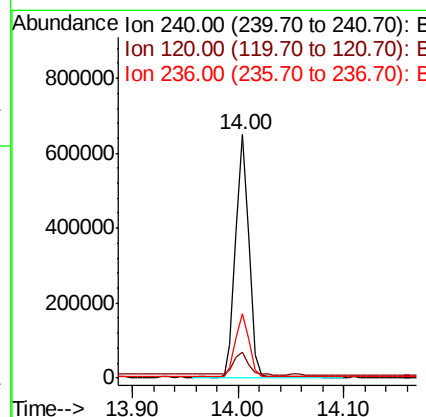
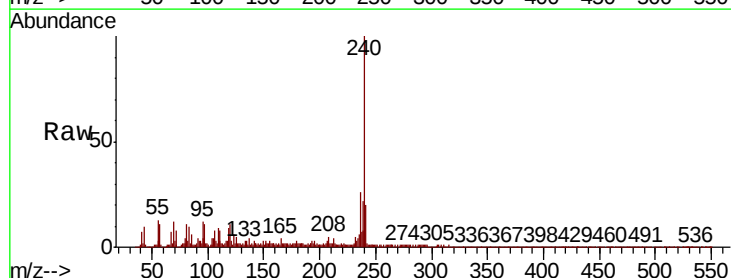
Instrument :
BNA_P
ClientSampled :
BASE-2

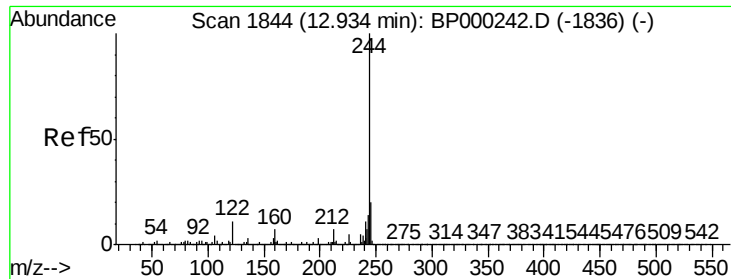
Tot Ion:178 Resp: 61147
Ion Ratio Lower Upper
178 100
176 22.8 15.8 23.8
179 91.0 12.7 19.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BP000350.D
Acq: 20 Sep 2019 13:36

Tgt Ion:240 Resp: 557425
Ion Ratio Lower Upper
240 100
120 10.8 10.4 15.6
236 26.3 21.0 31.6





#79

Terphenyl-d14

Concen: 56.919 ng

RT: 12.95 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BP000350.D

Acq: 20 Sep 2019 13:36

Instrument :

BNA_P

ClientSampleId :

BASE-2

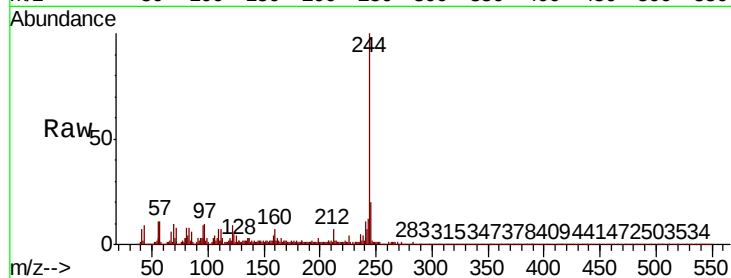
Tot Ion:244 Resp: 1512425

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	9.2	9.0	13.4

244 100

212 7.2 5.9 8.9

122 9.2 9.0 13.4

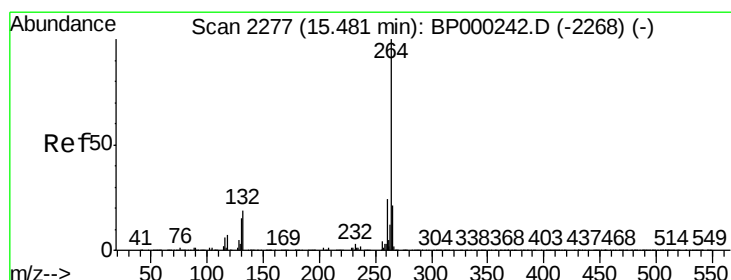
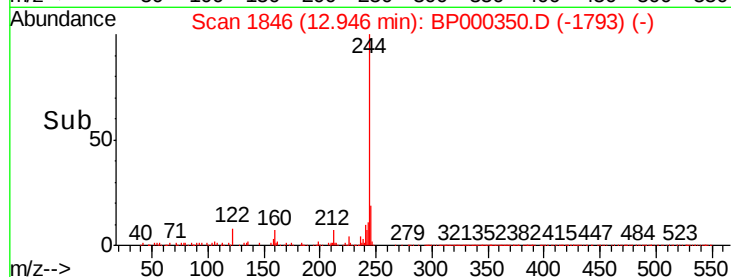
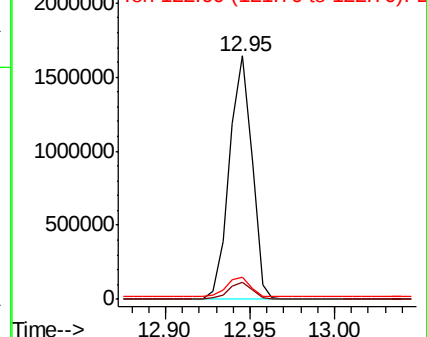


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BP000350.D

Acq: 20 Sep 2019 13:36

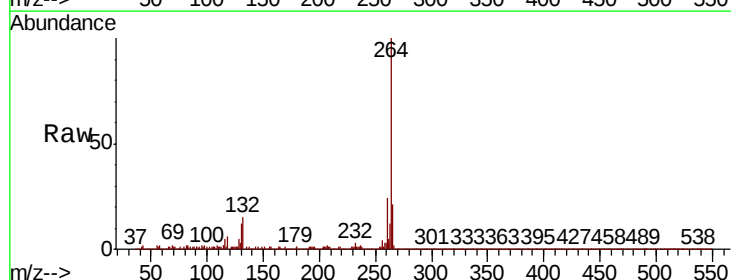
Tgt Ion:264 Resp: 720048

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.4	17.2	25.8

264 100

260 23.6 18.9 28.3

265 21.4 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

