

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052119\
 Data File : BE099709.D
 Acq On : 22 May 2019 3:11
 Operator : JU/SJ
 Sample : PB119877BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119877BL

Quant Time: May 22 08:52:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1448	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	5027	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3729	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	10988	0.40	ng	0.00
27) Chrysene-d12	21.41	240	14425	0.40	ng	0.00
34) Perylene-d12	23.96	264	17659	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	1585	0.43	ng	0.00
5) Phenol-d6	6.97	99	2067	0.43	ng	0.00
8) Nitrobenzene-d5	8.98	82	1537	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3426	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	552	0.33	ng	0.02
15) 2-Fluorobiphenyl	13.10	172	5331	0.38	ng	0.00
25) Fluoranthene-d10	19.26	212	57560	0.38	ng	0.00
29) Terphenyl-d14	19.86	244	11993	0.47	ng	0.00

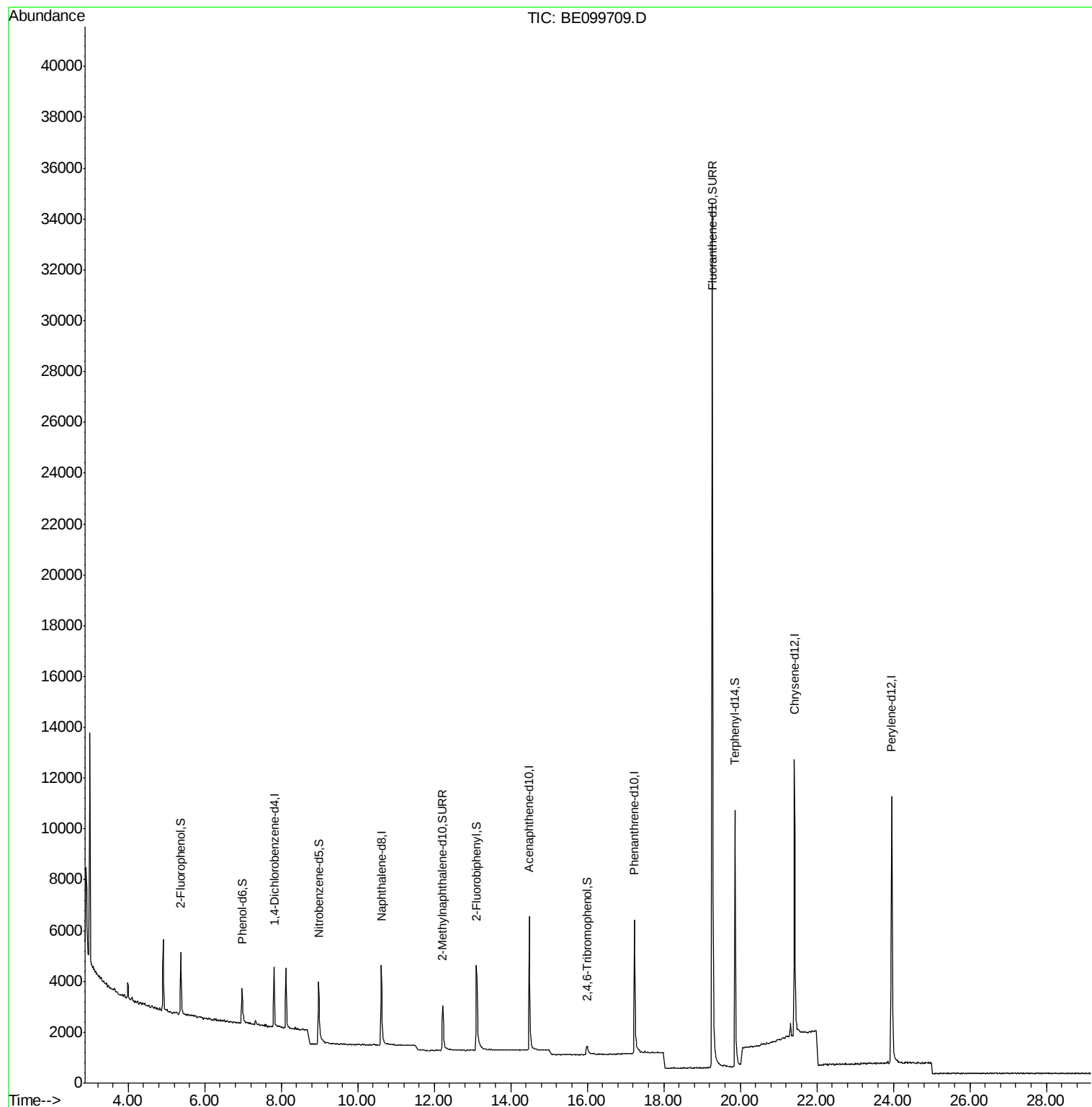
Target Compounds	Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099709.D

Acq: 22 May 2019 3:11

Instrument :

BNA_E

ClientSampleId :

PB119877BL

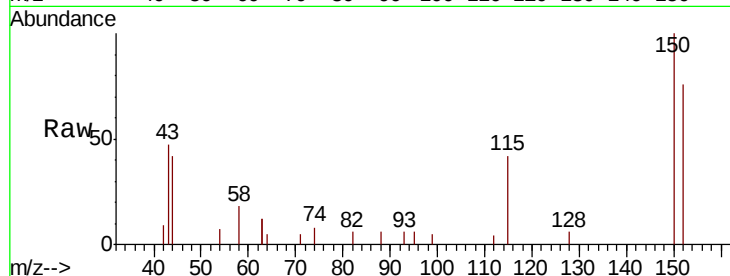
Tot Ion:152 Resp: 1448

Ion Ratio Lower Upper

152 100

150 132.0 109.2 163.8

115 55.1 43.7 65.5

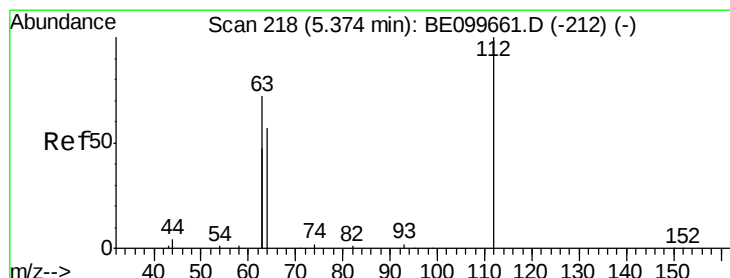
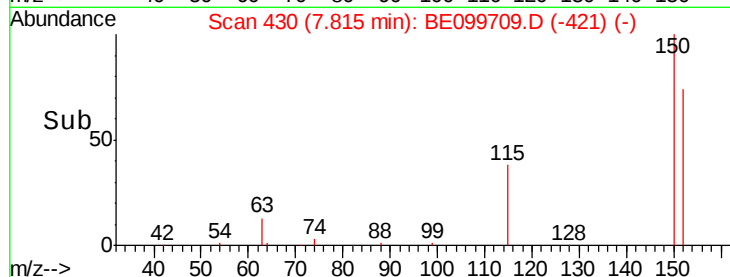
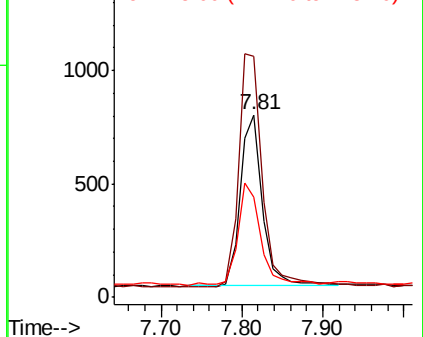


Abundance

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



#4

2-Fluorophenol

Concen: 0.433 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE099709.D

Acq: 22 May 2019 3:11

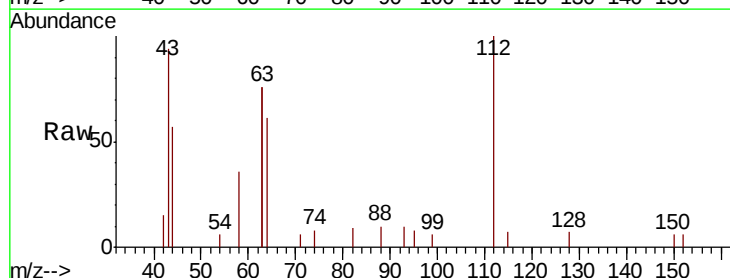
Tgt Ion:112 Resp: 1585

Ion Ratio Lower Upper

112 100

64 56.3 43.4 65.2

63 116.0 96.9 145.3

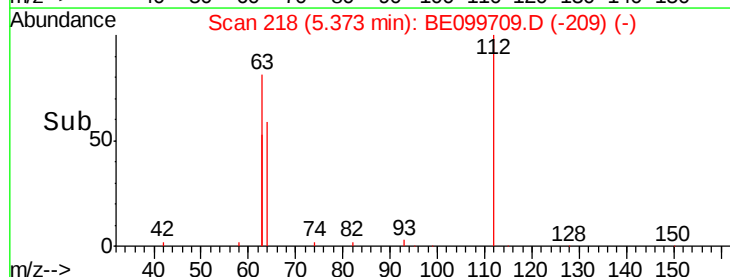
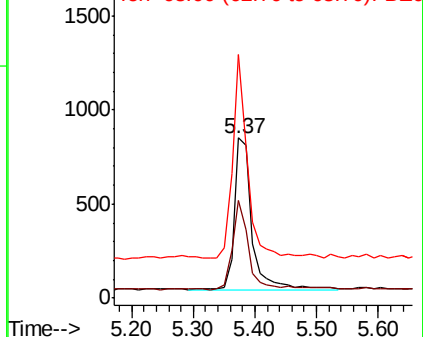


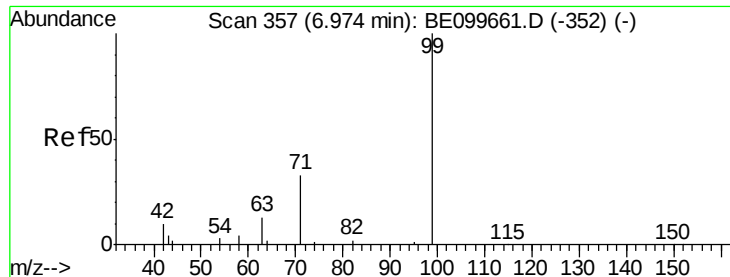
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.427 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099709.D

Acq: 22 May 2019 3:11

Instrument :

BNA_E

ClientSampleId :

PB119877BL

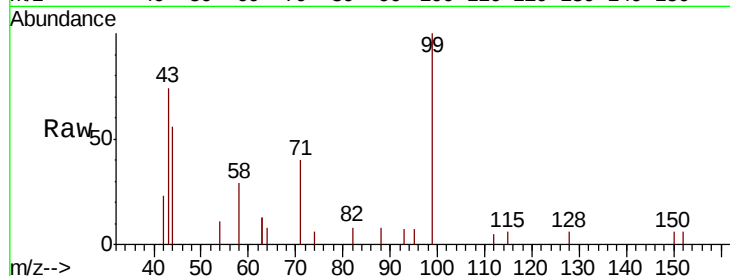
Tot Ion: 99 Resp: 2067

Ion Ratio Lower Upper

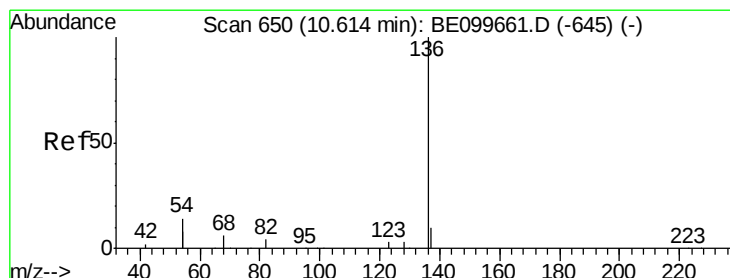
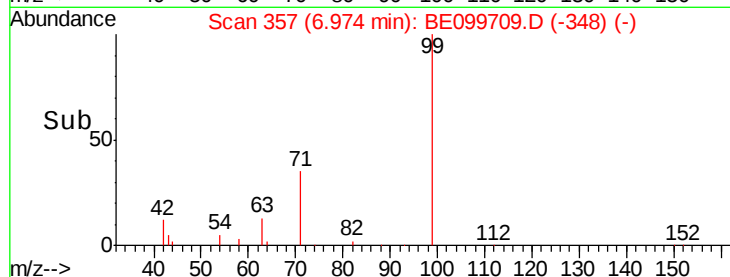
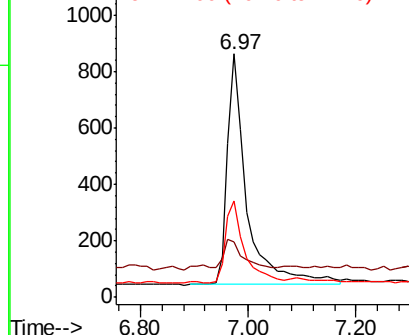
99 100

42 11.9 12.2 18.2#

71 34.5 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099709.D

Acq: 22 May 2019 3:11

Tgt Ion: 136 Resp: 5027

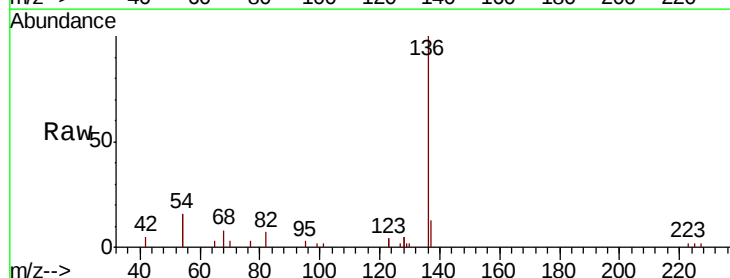
Ion Ratio Lower Upper

136 100

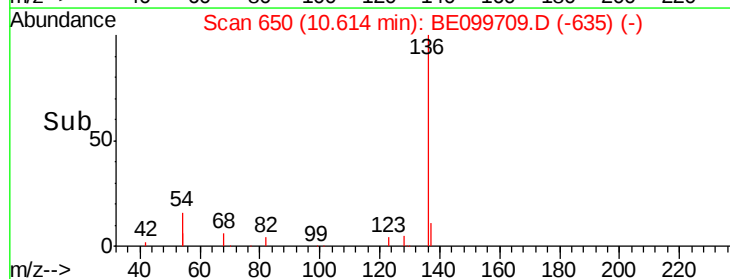
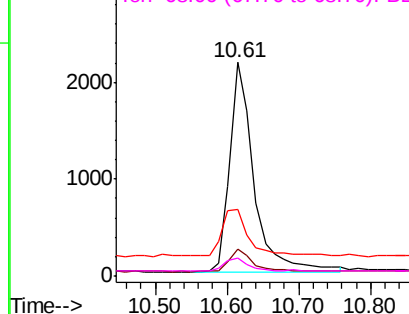
137 12.7 9.0 13.6

54 31.1 22.3 33.5

68 8.1 6.0 9.0



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): BE0
Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.353 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099709.D

Acq: 22 May 2019 3:11

Instrument :

BNA_E

ClientSampleId :

PB119877BL

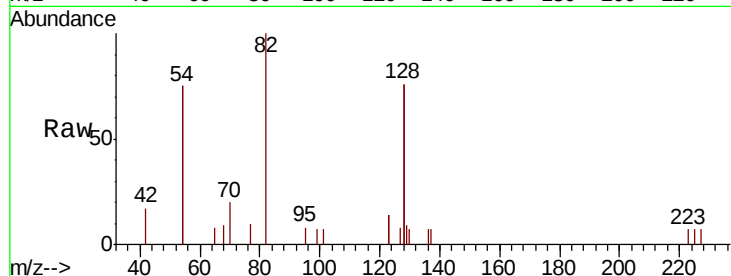
Tot Ion: 82 Resp: 1537

Ion Ratio Lower Upper

82 100

128 151.1 117.7 176.5

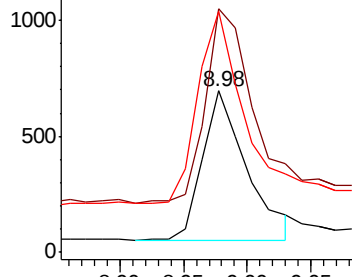
54 149.4 106.6 160.0



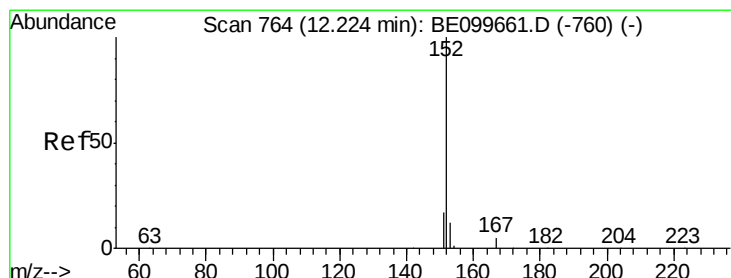
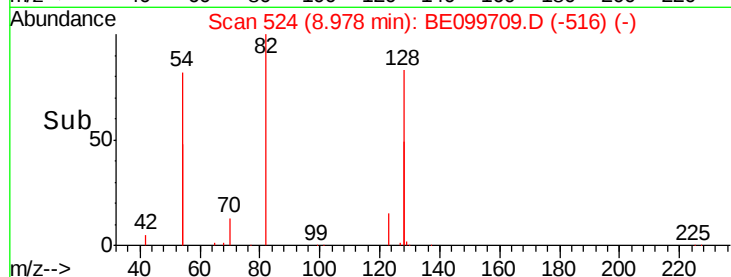
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.395 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099709.D

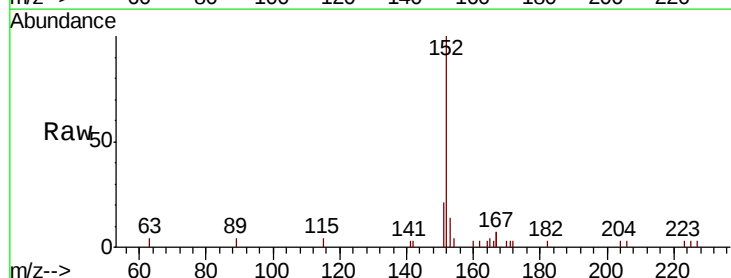
Acq: 22 May 2019 3:11

Tgt Ion: 152 Resp: 3426

Ion Ratio Lower Upper

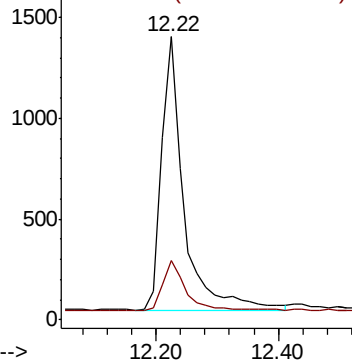
152 100

151 20.0 15.0 22.4

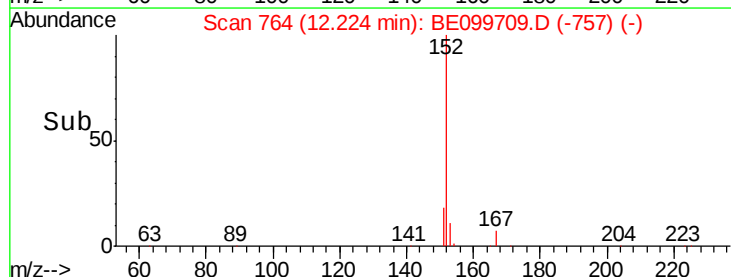


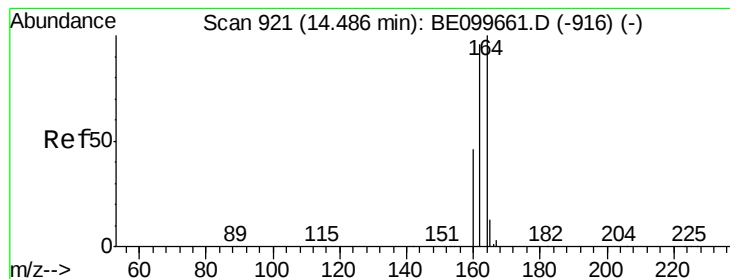
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE099709.D

Acq: 22 May 2019 3:11

Instrument :

BNA_E

ClientSampled :

PB119877BL

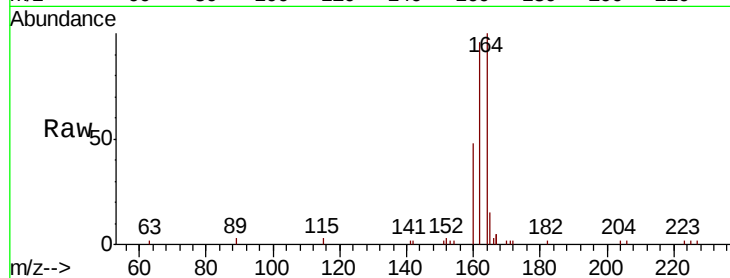
Tot Ion:164 Resp: 3729

Ion Ratio Lower Upper

164 100

162 95.6 76.5 114.7

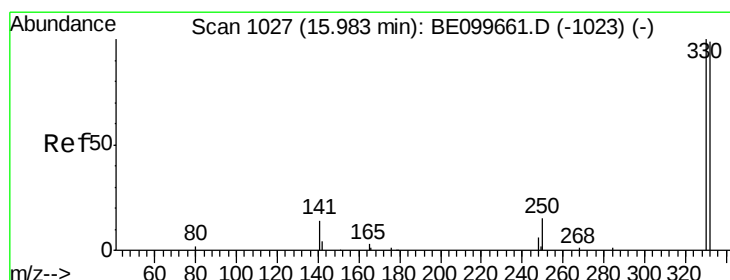
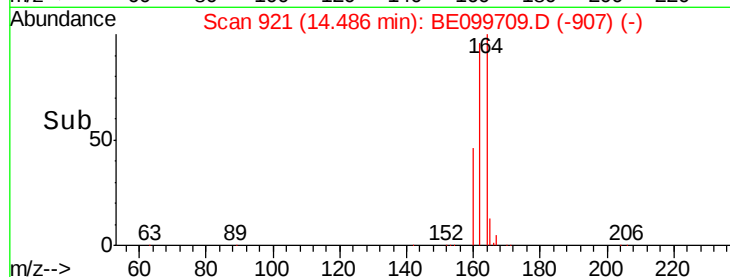
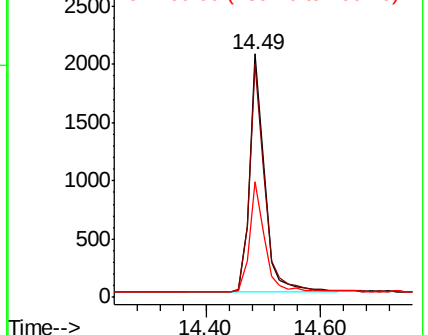
160 47.6 37.4 56.2



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



#14

2,4,6-Tribromophenol

Concen: 0.329 ng

RT: 16.00 min Scan# 1028

Delta R.T. 0.02 min

Lab File: BE099709.D

Acq: 22 May 2019 3:11

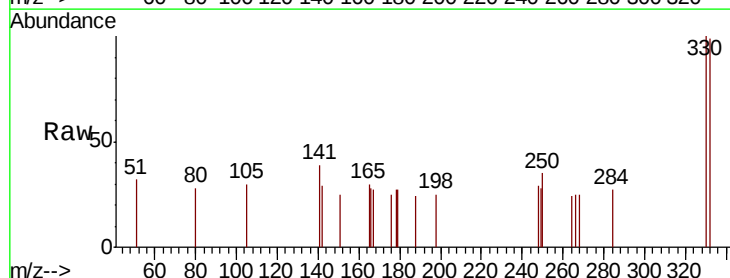
Tgt Ion:330 Resp: 552

Ion Ratio Lower Upper

330 100

332 94.6 77.3 115.9

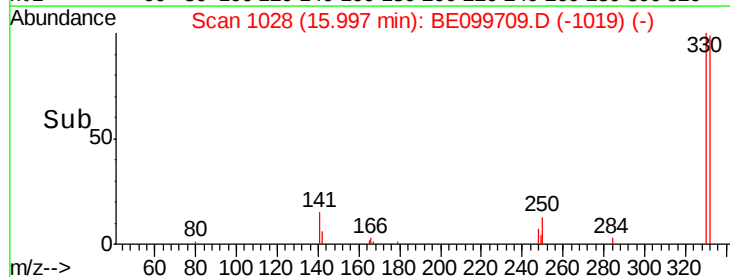
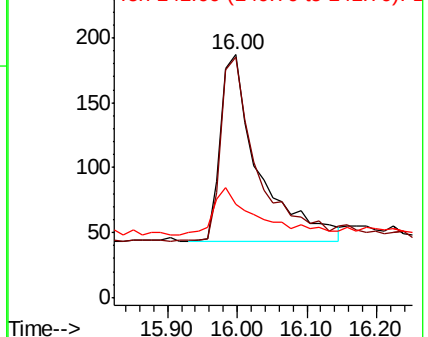
141 28.6 18.9 28.3#

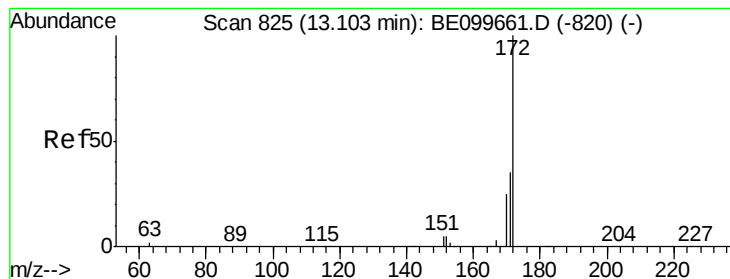


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

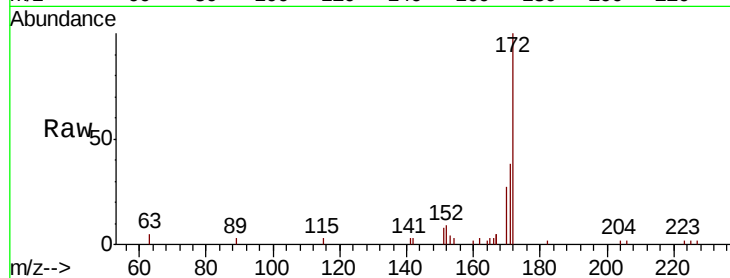




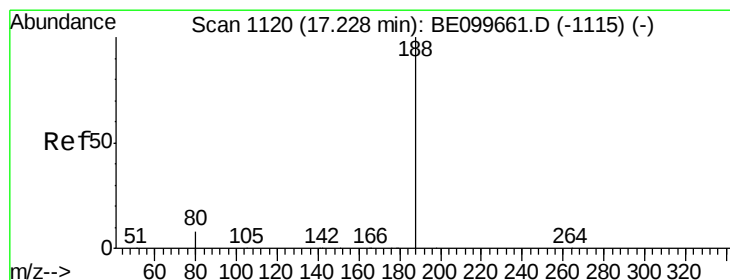
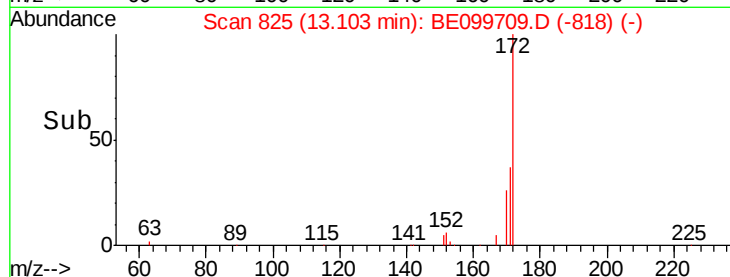
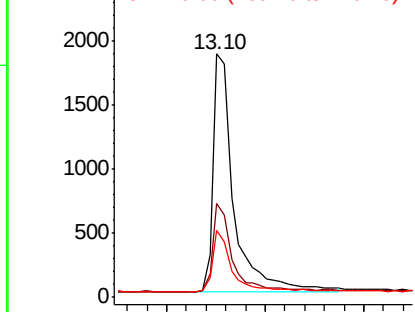
#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099709.D
Acq: 22 May 2019 3:11

Instrument :
BNA_E
ClientSampleId :
PB119877BL

Tot Ion:172 Resp: 5331
Ion Ratio Lower Upper
172 100
171 38.3 28.7 43.1
170 27.4 20.9 31.3

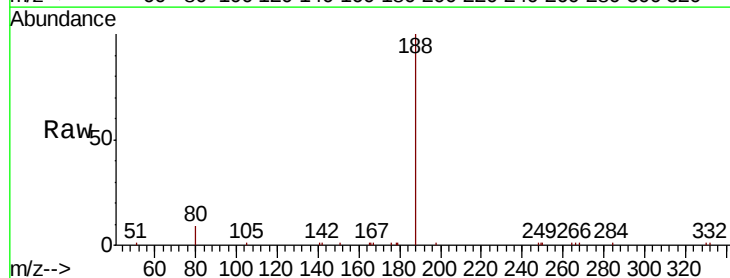


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

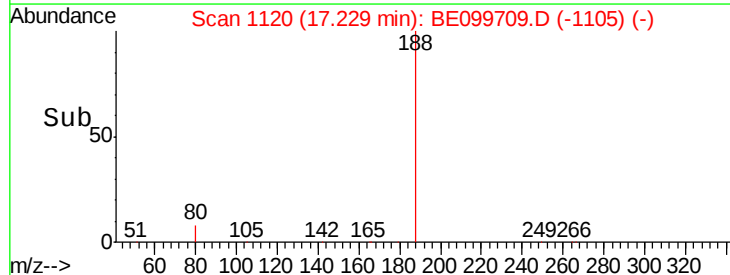
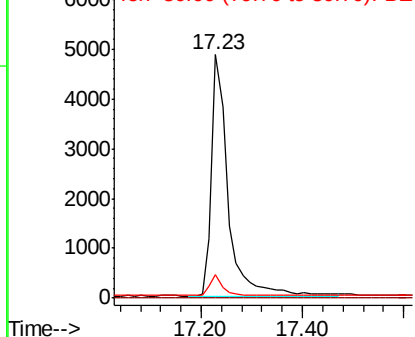


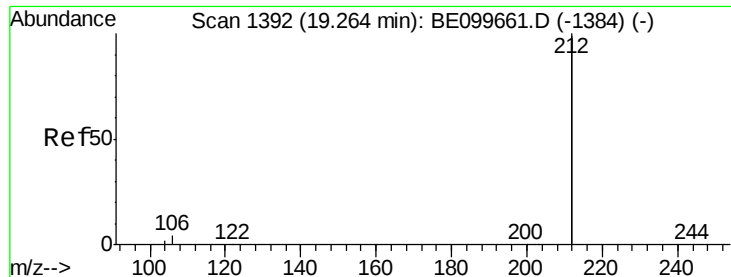
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099709.D
Acq: 22 May 2019 3:11

Tgt Ion:188 Resp: 10988
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 6.7 10.1



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.383 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099709.D

Acq: 22 May 2019 3:11

Instrument :

BNA_E

ClientSampleId :

PB119877BL

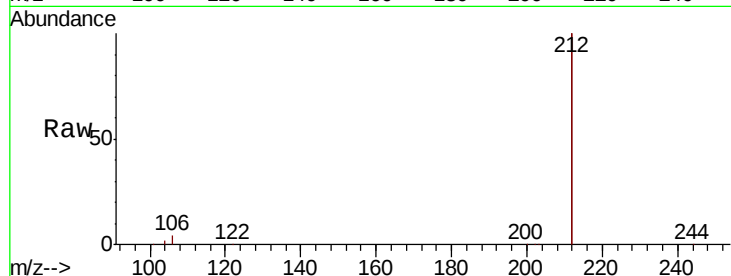
Tot Ion:212 Resp: 57560

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

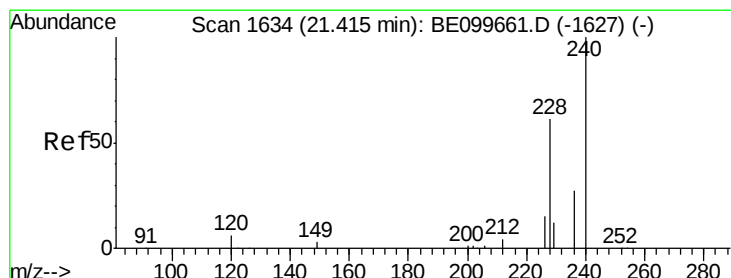
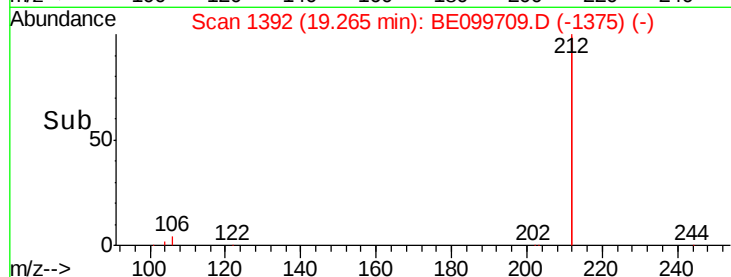
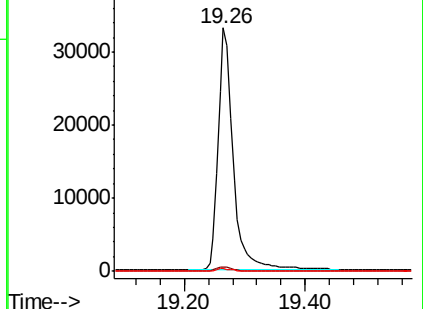
104 1.0 0.8 1.2



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099709.D

Acq: 22 May 2019 3:11

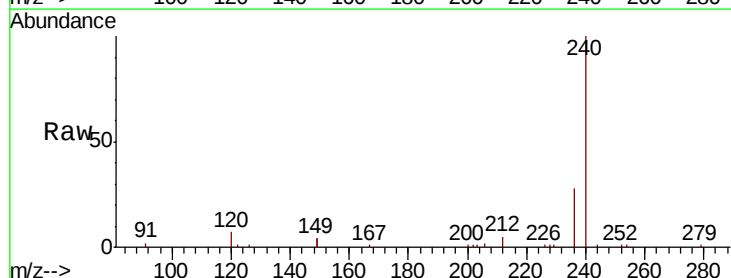
Tgt Ion:240 Resp: 14425

Ion Ratio Lower Upper

240 100

120 6.9 5.4 8.0

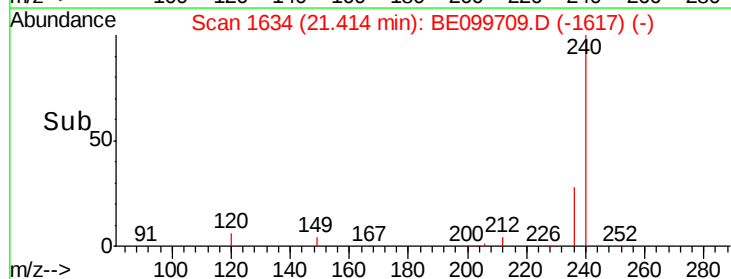
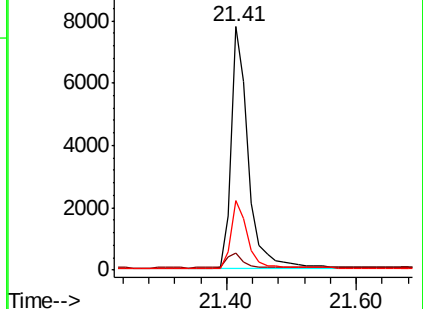
236 28.5 21.7 32.5

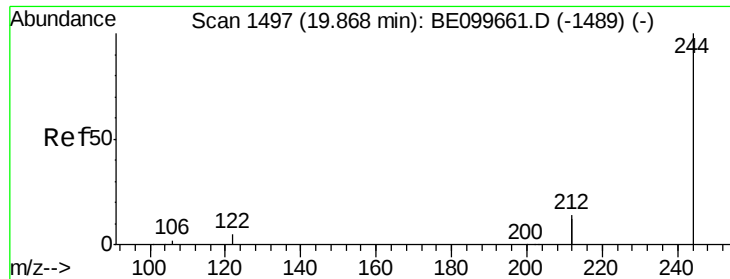


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.466 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BE099709.D

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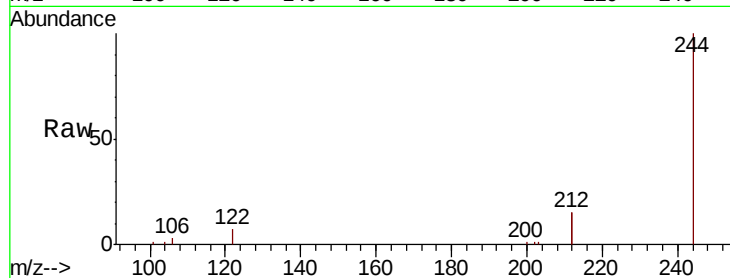
Tot Ion:244 Resp: 11993

Ion Ratio Lower Upper

244 100

212 29.1 22.5 33.7

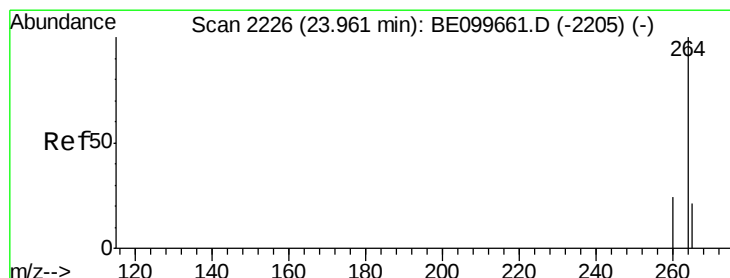
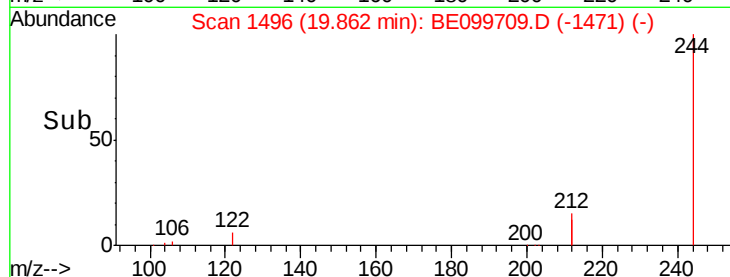
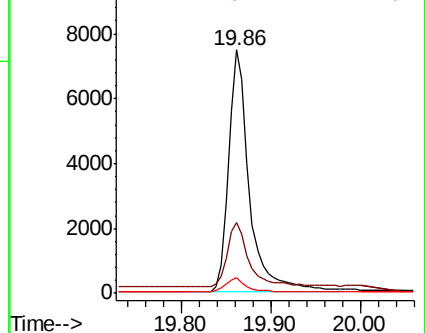
122 6.6 4.3 6.5#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.96 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BE099709.D

Acq: 22 May 2019 3:11

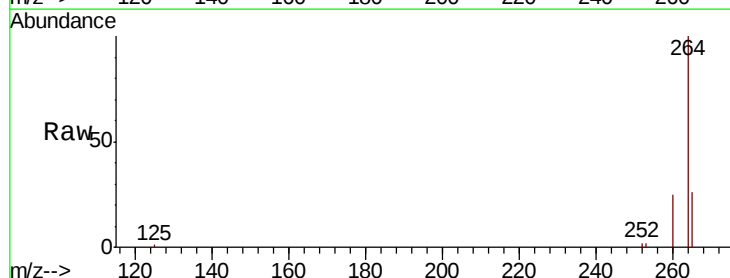
Tgt Ion:264 Resp: 17659

Ion Ratio Lower Upper

264 100

260 25.0 19.6 29.4

265 25.8 19.1 28.7



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

