

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061119\
 Data File : BE099928.D
 Acq On : 11 Jun 2019 17:33
 Operator : JU/SJ
 Sample : PB120315BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120315BL

Quant Time: Jun 12 04:25:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	562	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	1854	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	1674	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	6102	0.40	ng	-0.01
27) Chrysene-d12	21.37	240	7967	0.40	ng	-0.04
34) Perylene-d12	23.87	264	9579	0.40	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	442	0.29	ng	0.01
5) Phenol-d6	7.04	99	520	0.27	ng	0.07
8) Nitrobenzene-d5	9.05	82	394	0.22	ng	0.09
11) 2-Methylnaphthalene-d10	12.24	152	1029	0.32	ng	0.03
14) 2,4,6-Tribromophenol	15.97	330	379	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	2310	0.36	ng	0.01
25) Fluoranthene-d10	19.23	212	27480	0.31	ng	-0.03
29) Terphenyl-d14	19.82	244	7949	0.55	ng	-0.03

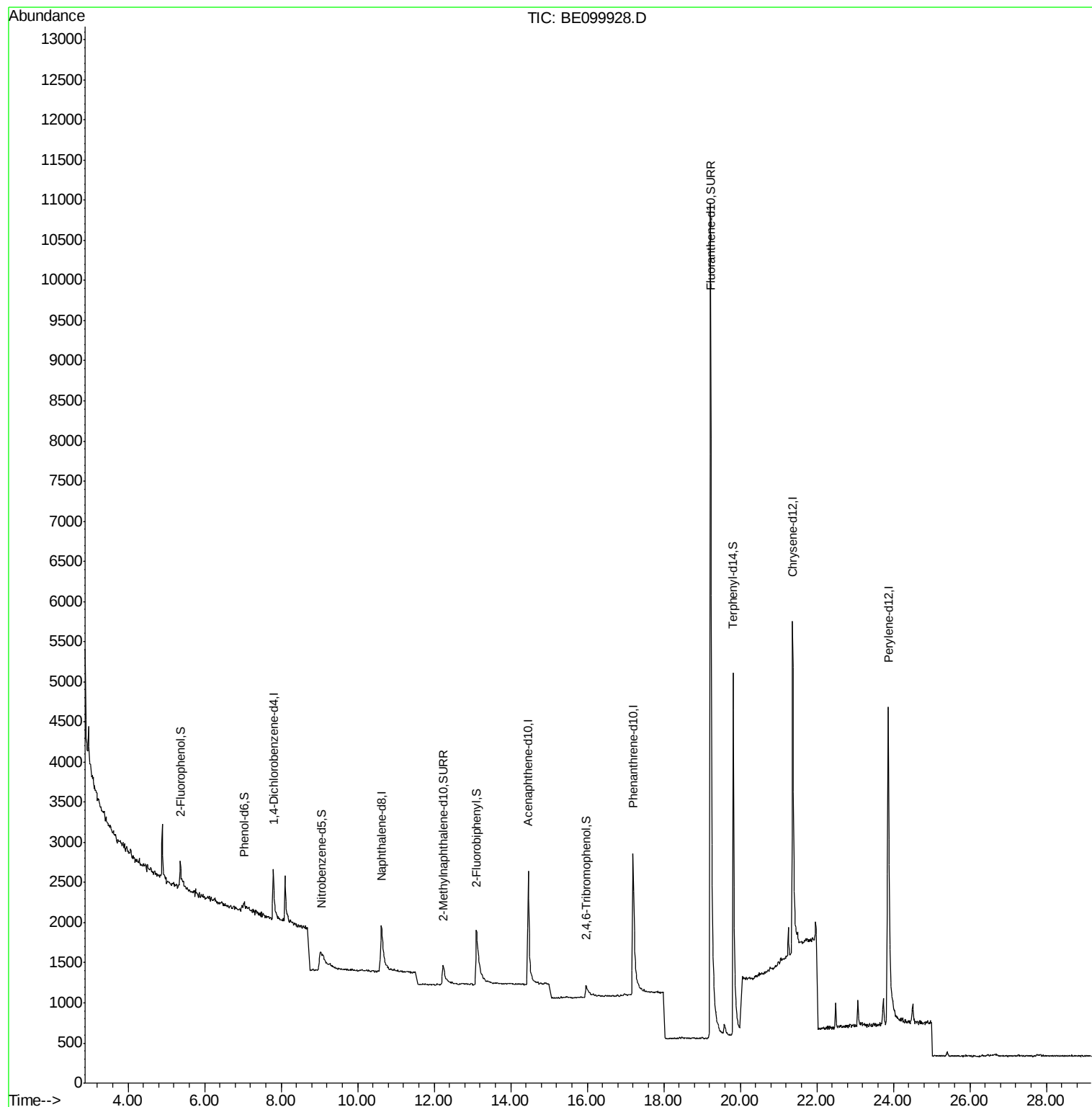
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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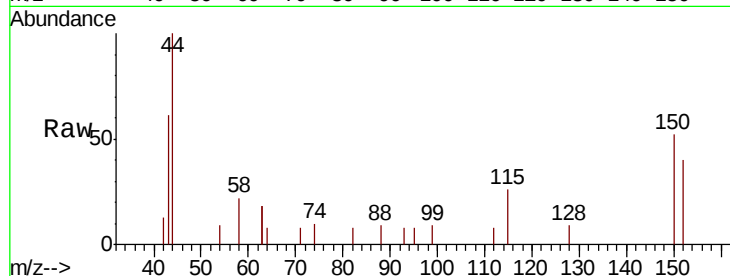


#1

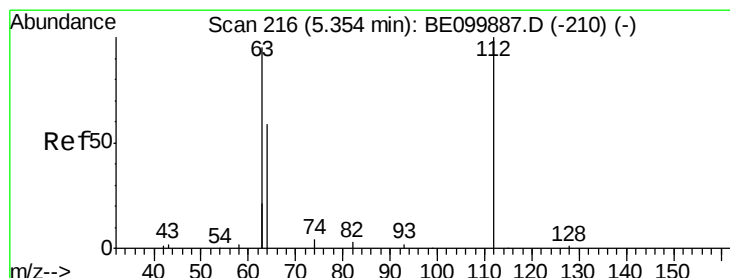
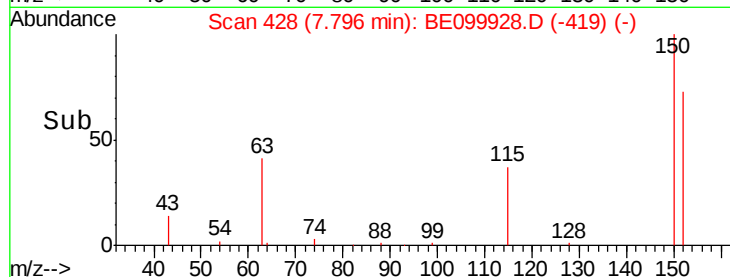
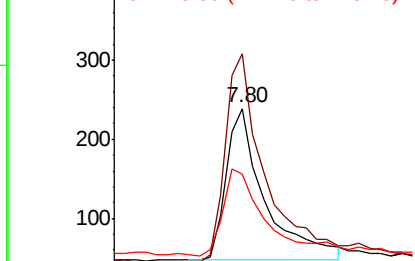
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099928.D
Acq: 11 Jun 2019 17:33

Instrument :
BNA_E
ClientSampleId :
PB120315BL

Tot Ion:152 Resp: 562
Ion Ratio Lower Upper
152 100
150 128.9 111.0 166.6
115 65.3 50.7 76.1



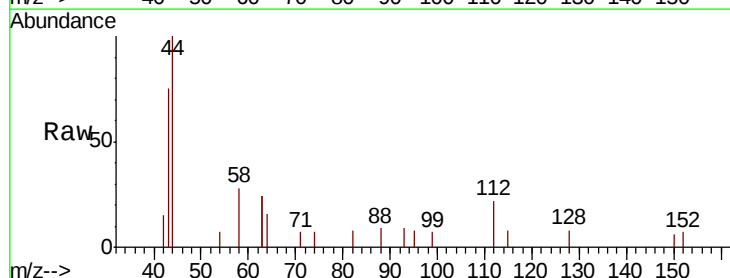
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



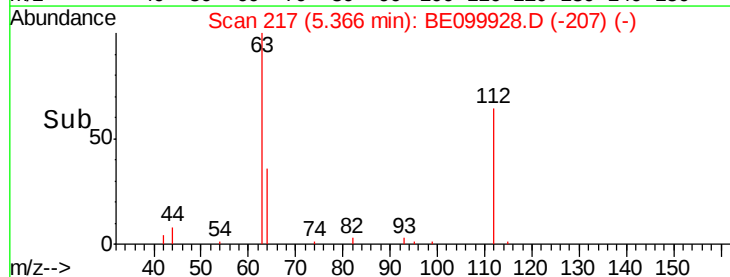
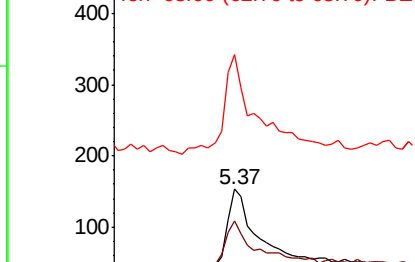
#4

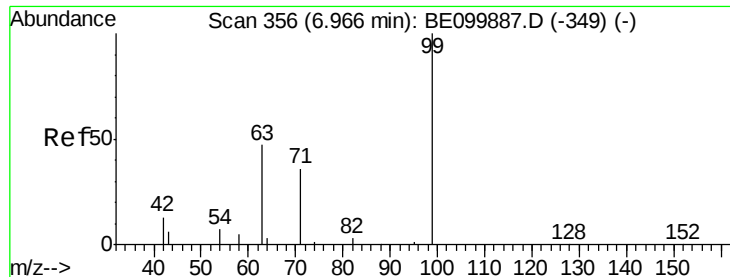
2-Fluorophenol
Concen: 0.291 ng
RT: 5.37 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE099928.D
Acq: 11 Jun 2019 17:33

Tgt Ion:112 Resp: 442
Ion Ratio Lower Upper
112 100
64 53.4 44.1 66.1
63 135.7 87.8 131.6#



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: 0.266 ng

RT: 7.04 min Scan# 362

Delta R.T. 0.07 min

Lab File: BE099928.D

Acq: 11 Jun 2019 17:33

Instrument :

BNA_E

ClientSampleId :

PB120315BL

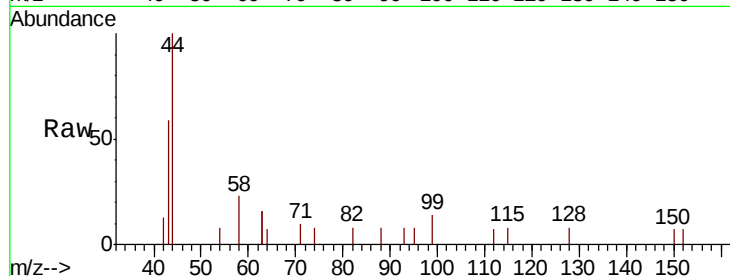
Tot Ion: 99 Resp: 520

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

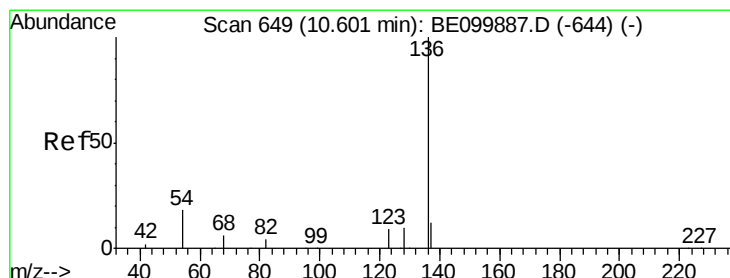
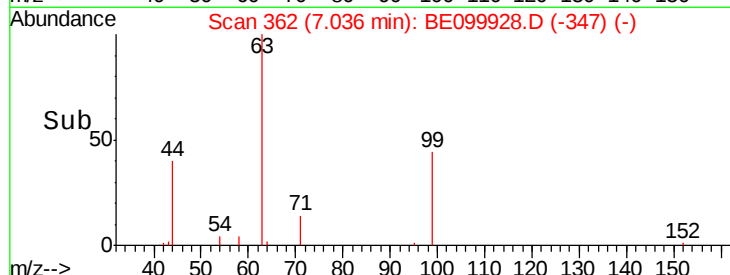
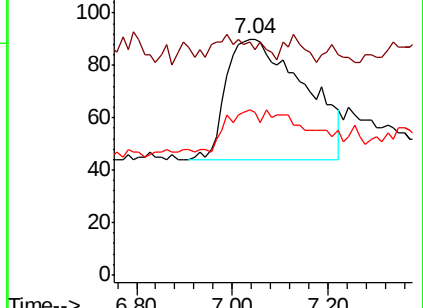
71 14.8 34.6 52.0#



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. 0.01 min

Lab File: BE099928.D

Acq: 11 Jun 2019 17:33

Tgt Ion: 136 Resp: 1854

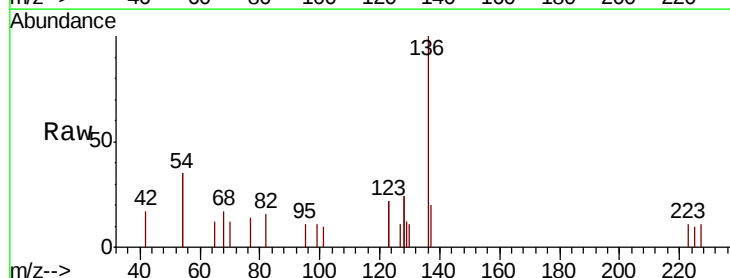
Ion Ratio Lower Upper

136 100

137 19.8 12.3 18.5#

54 70.0 28.2 42.4#

68 16.9 7.8 11.8#

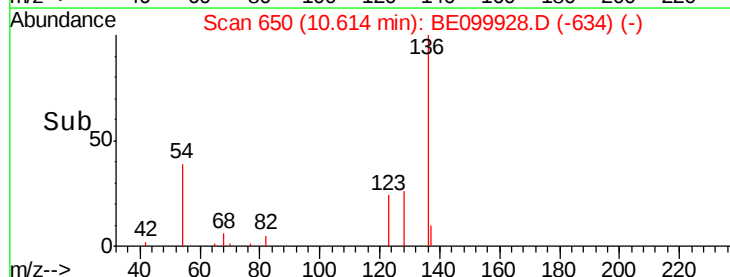
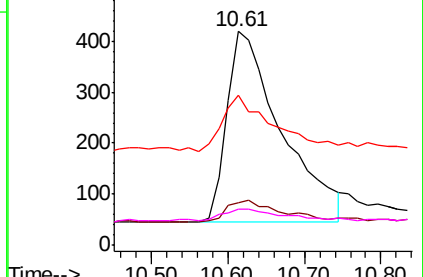


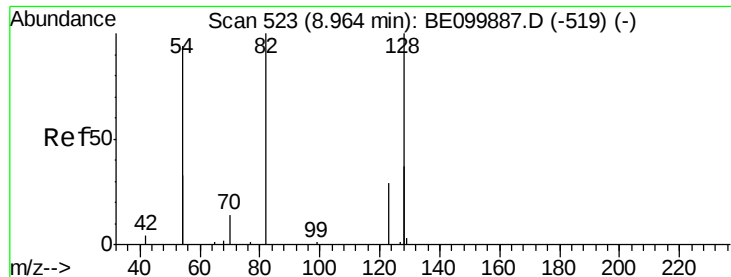
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.224 ng

RT: 9.05 min Scan# 530

Delta R.T. 0.09 min

Lab File: BE099928.D

Acq: 11 Jun 2019 17:33

Instrument :

BNA_E

ClientSampleId :

PB120315BL

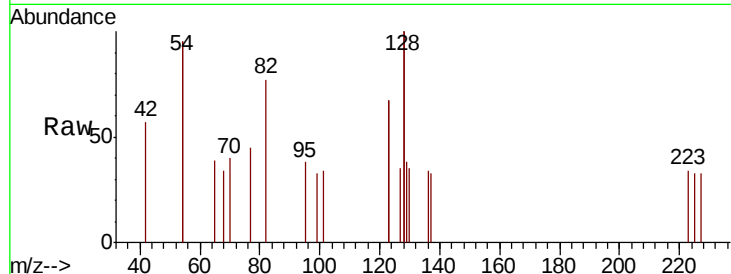
Tot Ion: 82 Resp: 394

Ion Ratio Lower Upper

82 100

128 259.0 137.3 205.9#

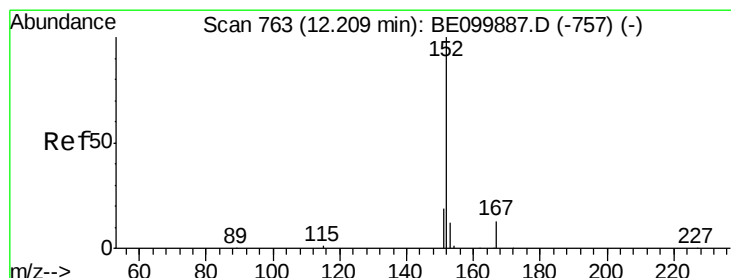
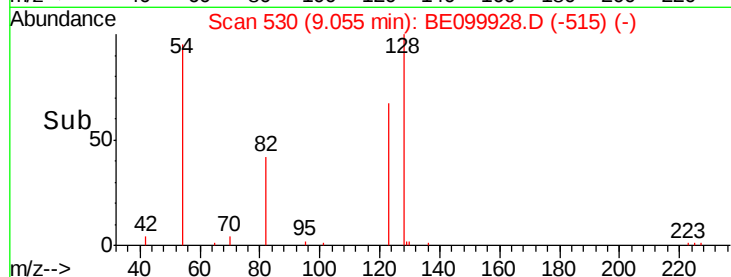
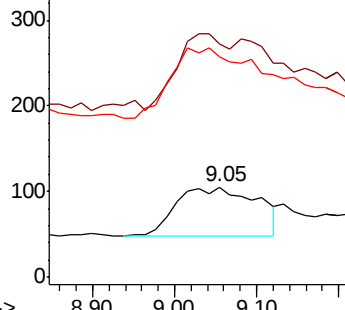
54 245.7 129.7 194.5#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.318 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.03 min

Lab File: BE099928.D

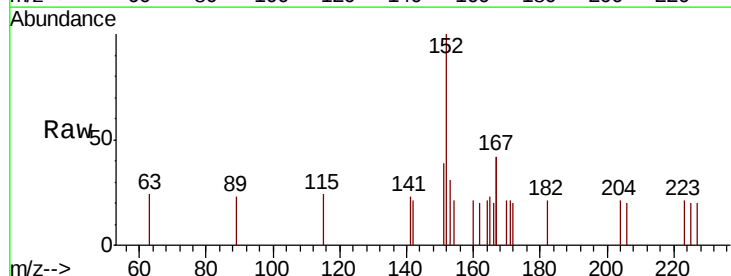
Acq: 11 Jun 2019 17:33

Tgt Ion: 152 Resp: 1029

Ion Ratio Lower Upper

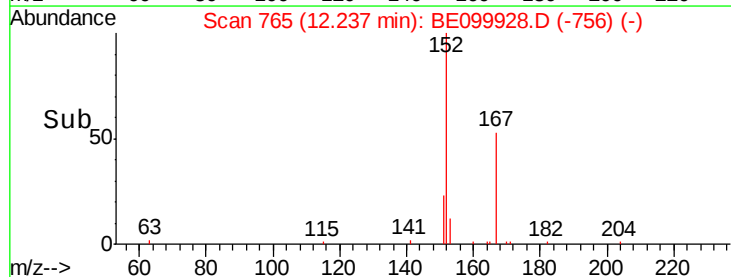
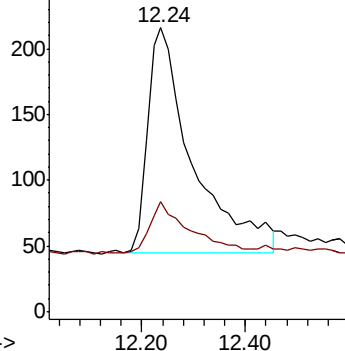
152 100

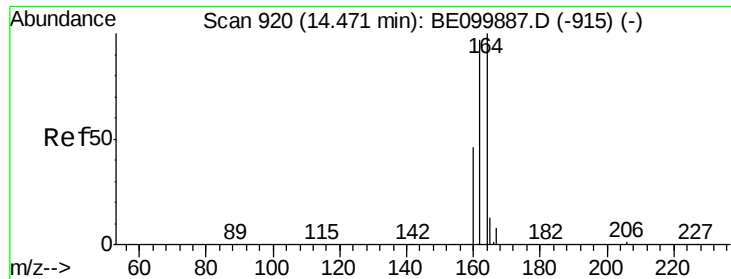
151 19.8 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

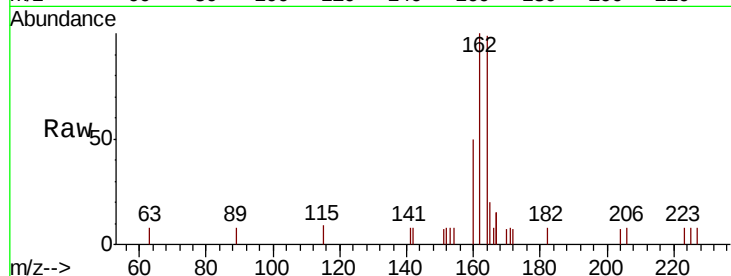




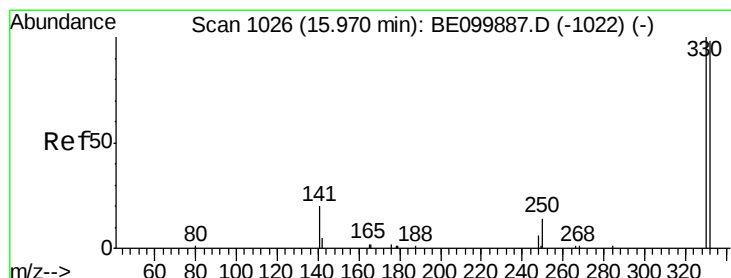
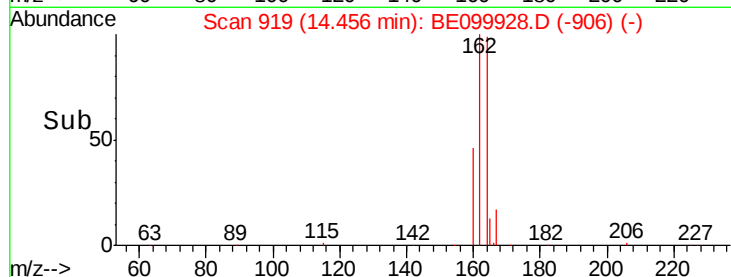
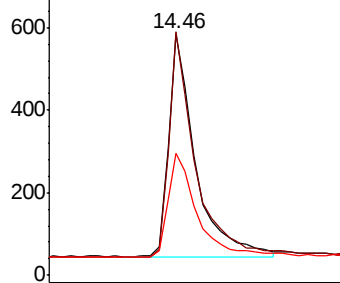
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.01 min
Lab File: BE099928.D
Acq: 11 Jun 2019 17:33

Instrument :
BNA_E
ClientSampleId :
PB120315BL

Tot Ion:164 Resp: 1674
Ion Ratio Lower Upper
164 100
162 101.0 77.8 116.8
160 50.3 38.2 57.4

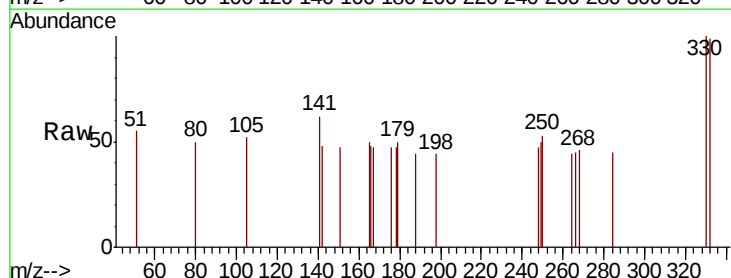


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

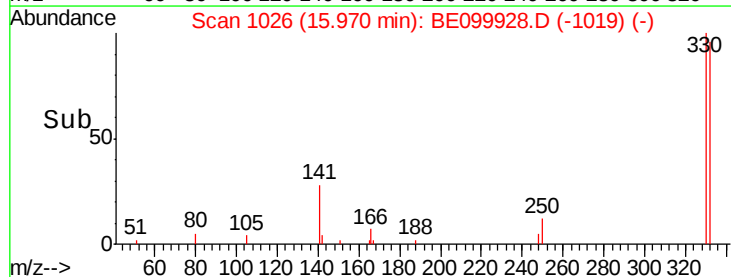
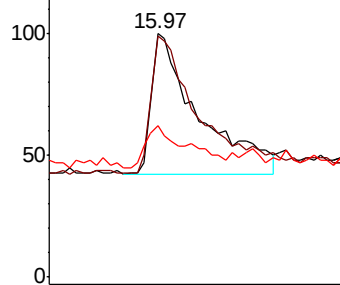


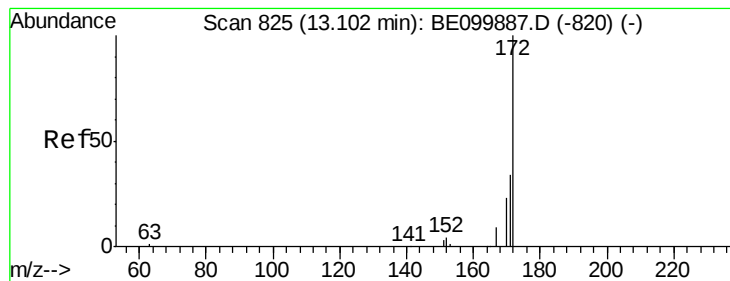
#14
2,4,6-Tribromophenol
Concen: 0.306 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE099928.D
Acq: 11 Jun 2019 17:33

Tgt Ion:330 Resp: 379
Ion Ratio Lower Upper
330 100
332 94.2 76.7 115.1
141 26.1 21.0 31.6



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: 0.364 ng

RT: 13.12 min Scan# 826

Delta R.T. 0.01 min

Lab File: BE099928.D

Acq: 11 Jun 2019 17:33

Instrument :

BNA_E

ClientSampleId :

PB120315BL

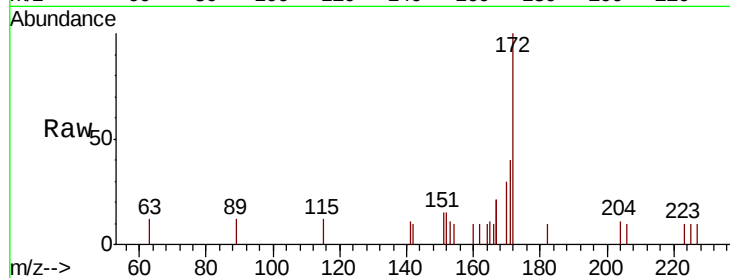
Tot Ion:172 Resp: 2310

Ion Ratio Lower Upper

172 100

171 40.3 29.2 43.8

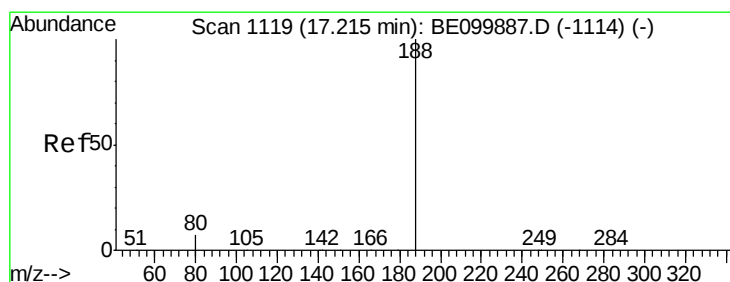
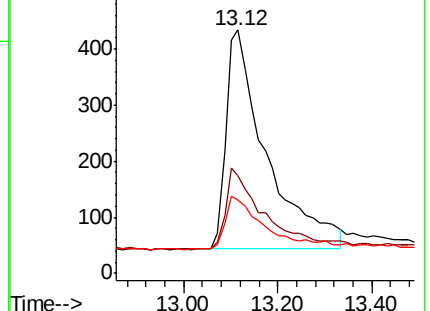
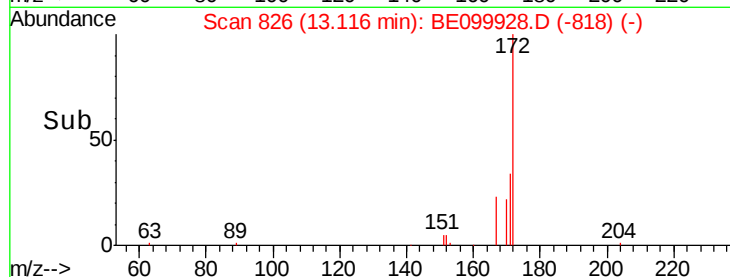
170 30.0 21.2 31.8



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099928.D

Acq: 11 Jun 2019 17:33

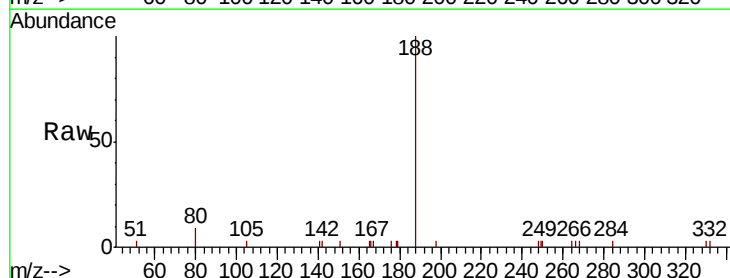
Tgt Ion:188 Resp: 6102

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

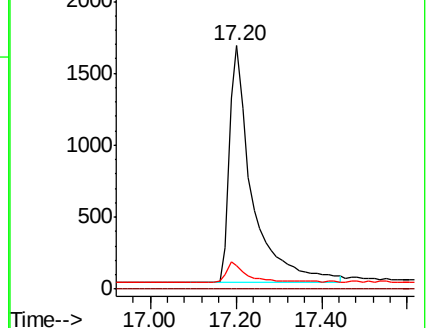
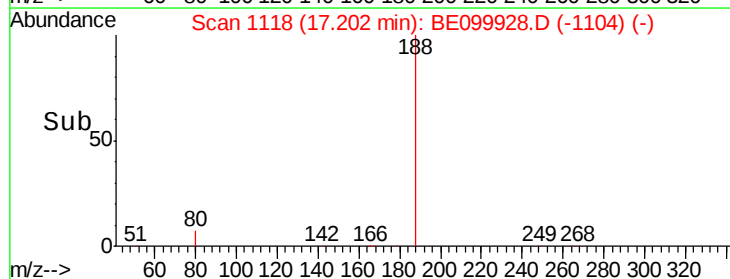
80 9.4 6.4 9.6

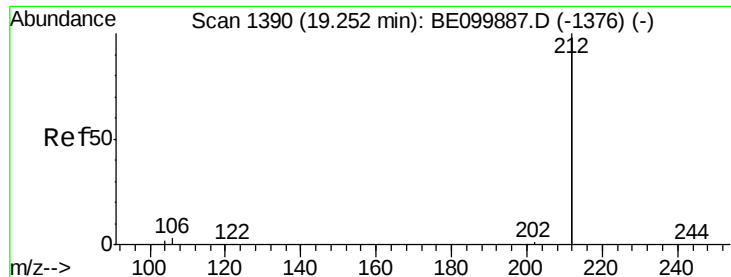


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.309 ng

RT: 19.23 min Scan# 1385

Delta R.T. -0.03 min

Lab File: BE099928.D

Acq: 11 Jun 2019 17:33

Instrument :

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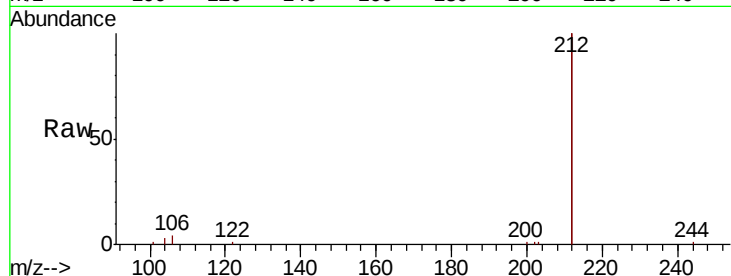
Tot Ion:212 Resp: 27480

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

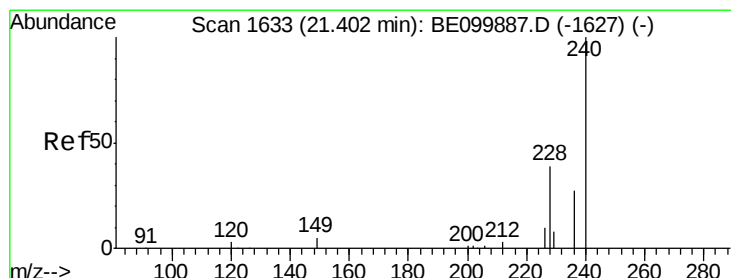
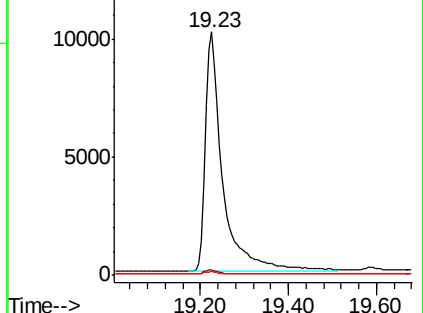
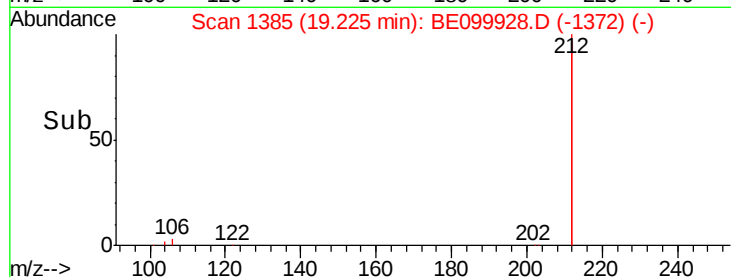
104 1.0 0.9 1.3



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: 21.37 min Scan# 1629

Delta R.T. -0.04 min

Lab File: BE099928.D

Acq: 11 Jun 2019 17:33

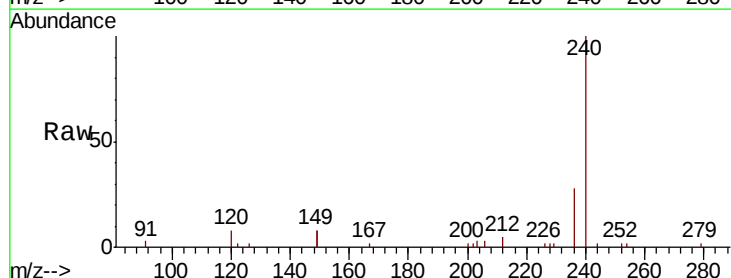
Tgt Ion:240 Resp: 7967

Ion Ratio Lower Upper

240 100

120 8.1 3.8 5.6#

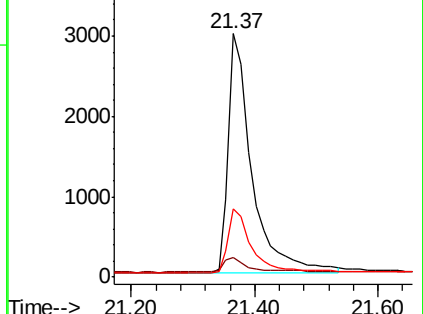
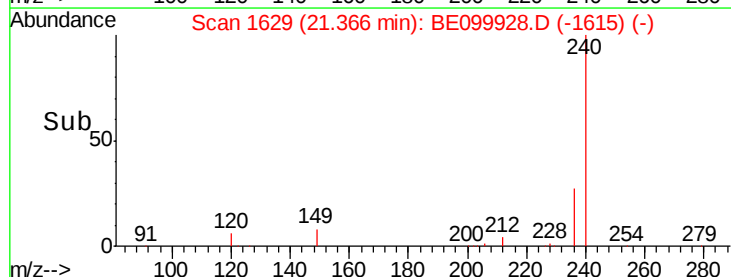
236 27.9 22.0 33.0

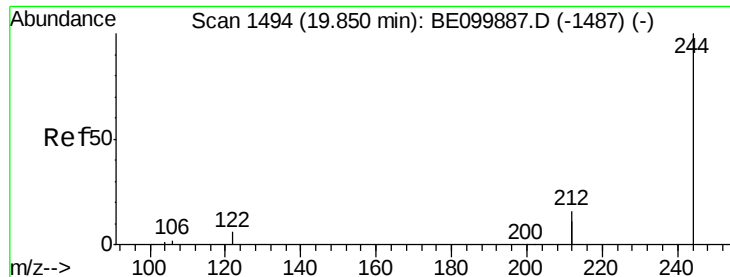


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.554 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.03 min

Lab File: BE099928.D

Acq: 11 Jun 2019 17:33

Instrument :

BNA_E

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PB120315BL

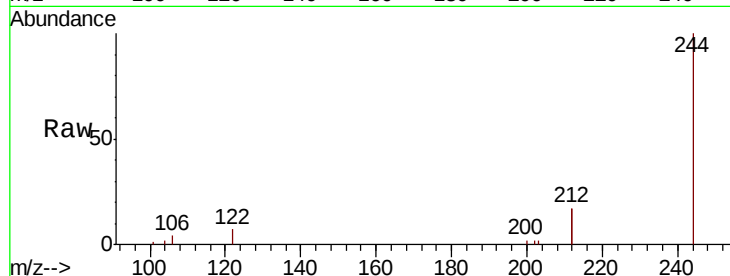
Tot Ion:244 Resp: 7949

Ion Ratio Lower Upper

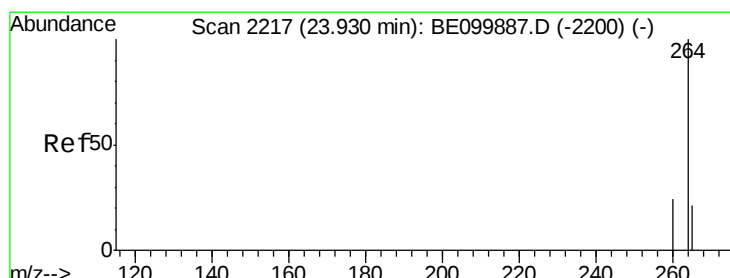
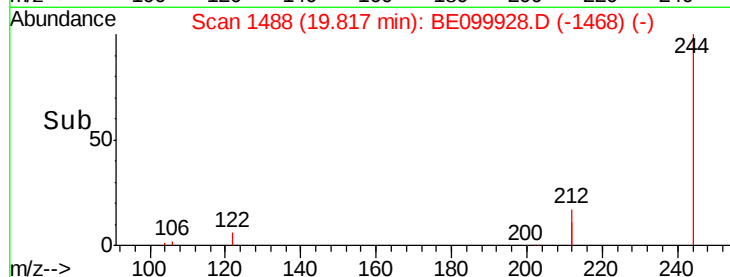
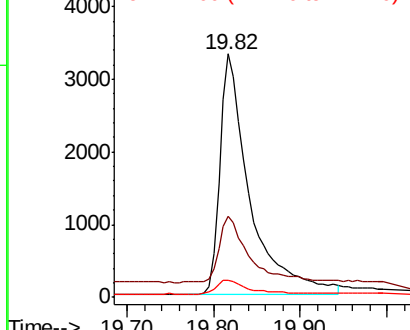
244 100

212 33.3 25.7 38.5

122 7.0 5.5 8.3



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: 23.87 min Scan# 2198

Delta R.T. -0.06 min

Lab File: BE099928.D

Acq: 11 Jun 2019 17:33

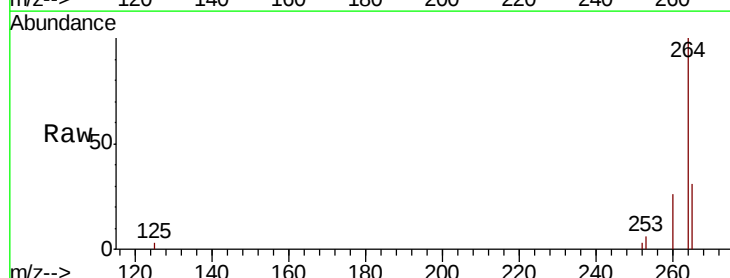
Tgt Ion:264 Resp: 9579

Ion Ratio Lower Upper

264 100

260 26.0 20.2 30.2

265 31.3 22.0 33.0



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

