

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102418\
 Data File : BE098039.D
 Acq On : 24 Oct 2018 15:27
 Operator : SJ/JU
 Sample : PB113752BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB113752BL

Quant Time: Oct 25 04:02:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 24 13:49:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1097	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	4634	0.40	ng	0.01
13) Acenaphthene-d10	14.54	164	3122	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	9148	0.40	ng	0.00
27) Chrysene-d12	21.48	240	11658	0.40	ng	0.00
34) Perylene-d12	24.03	264	11554	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	925	0.28	ng	0.00
5) Phenol-d6	7.07	99	1330	0.24	ng	0.00
8) Nitrobenzene-d5	9.04	82	1372	0.28	ng	0.01
11) 2-Methylnaphthalene-d10	12.28	152	2005	0.24	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	397	0.25	ng	0.01
15) 2-Fluorobiphenyl	13.17	172	2982	0.24	ng	0.02
25) Fluoranthene-d10	19.33	212	32289	0.28	ng	0.00
29) Terphenyl-d14	19.92	244	9466	0.34	ng	0.00

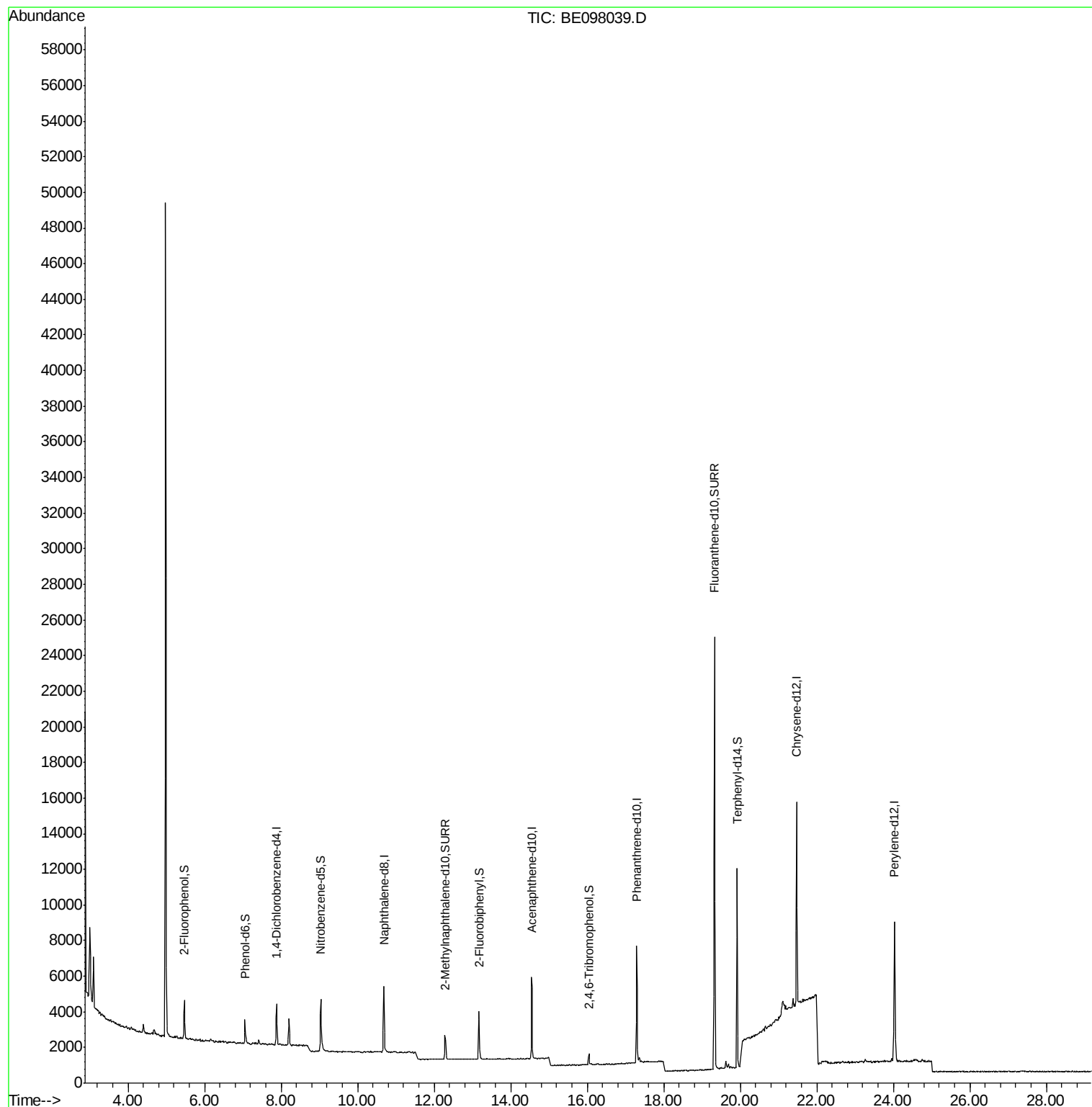
Target Compounds	Qvalue
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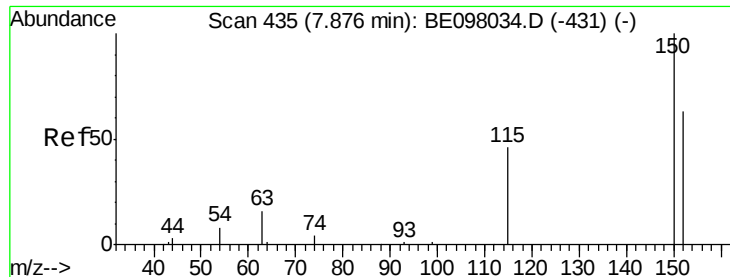
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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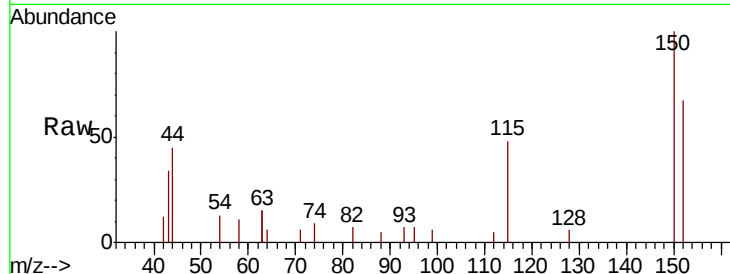


#1

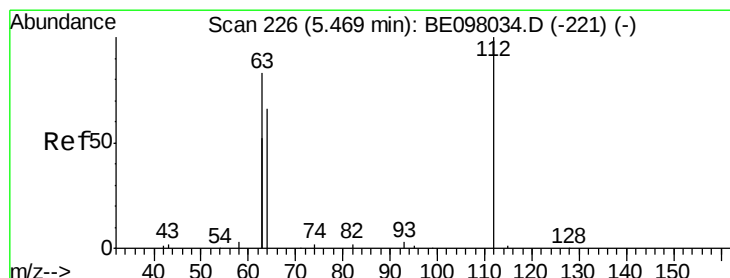
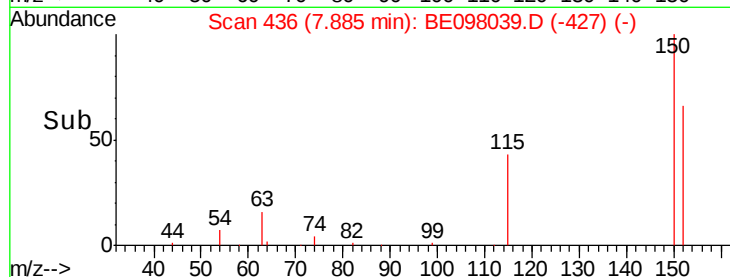
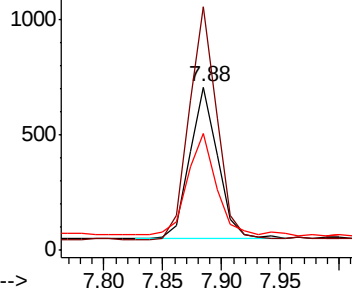
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. 0.01 min
Lab File: BE098039.D
Acq: 24 Oct 2018 15:27

Instrument :
BNA_E
ClientSampleId :
PB113752BL

Tot Ion:152 Resp: 1097
Ion Ratio Lower Upper
152 100
150 148.9 118.2 177.4
115 71.7 50.9 76.3



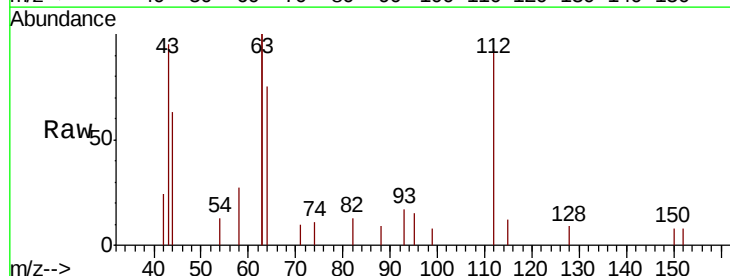
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



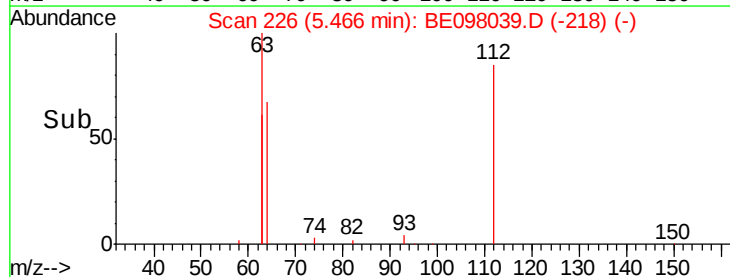
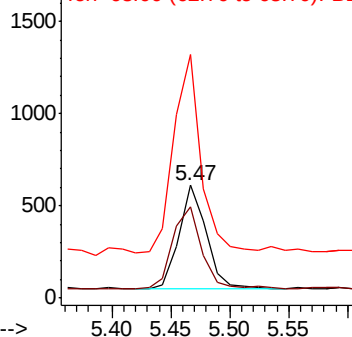
#4

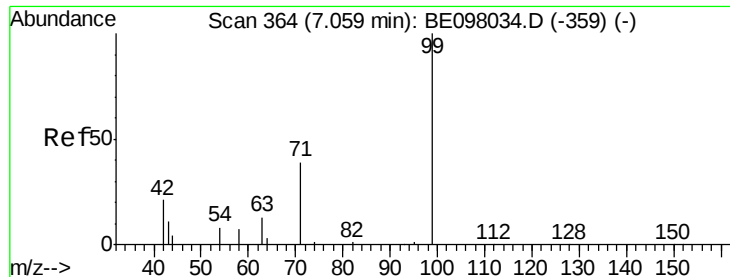
2-Fluorophenol
Concen: 0.278 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE098039.D
Acq: 24 Oct 2018 15:27

Tgt Ion:112 Resp: 925
Ion Ratio Lower Upper
112 100
64 83.8 58.9 88.3
63 188.0 120.3 180.5#



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: 0.240 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.01 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

Instrument :

BNA_E

ClientSampleId :

PB113752BL

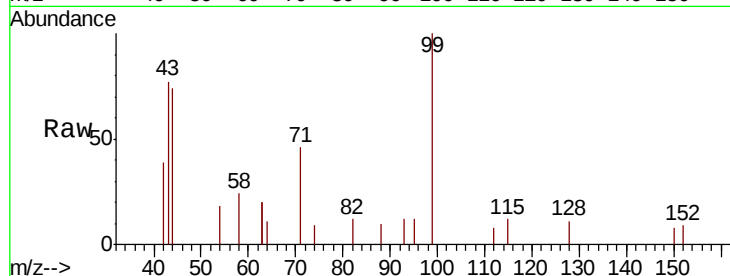
Tot Ion: 99 Resp: 1330

Ion Ratio Lower Upper

99 100

42 32.3 19.9 29.9#

71 50.4 27.8 41.8#



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

7.07

600

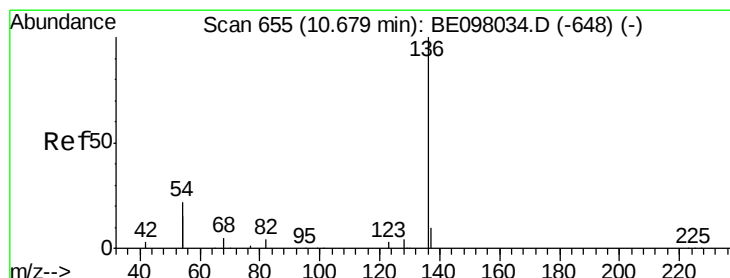
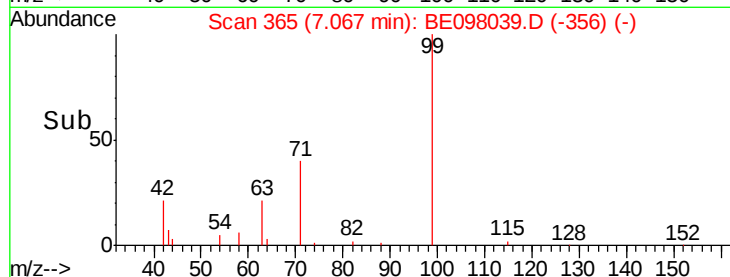
400

200

0

6.90 7.00 7.10 7.20 7.30

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.01 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

Tgt Ion:136 Resp: 4634

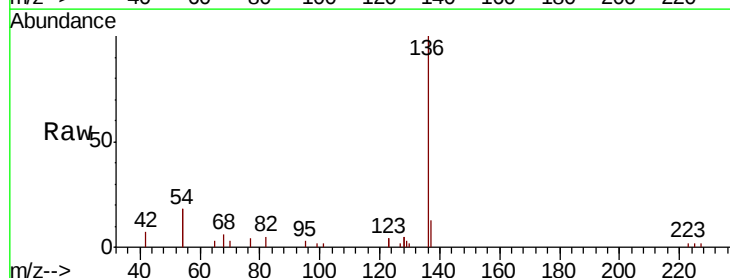
Ion Ratio Lower Upper

136 100

137 13.4 9.6 14.4

54 35.4 27.7 41.5

68 5.7 5.3 7.9



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

10.69

3000

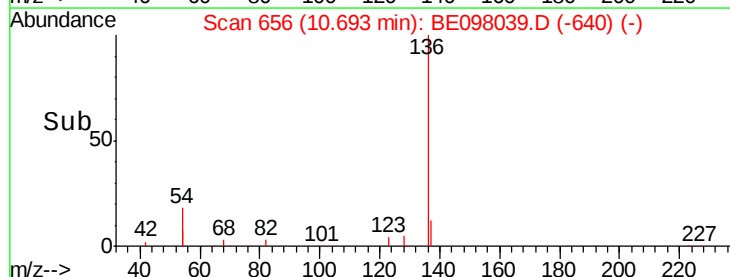
2000

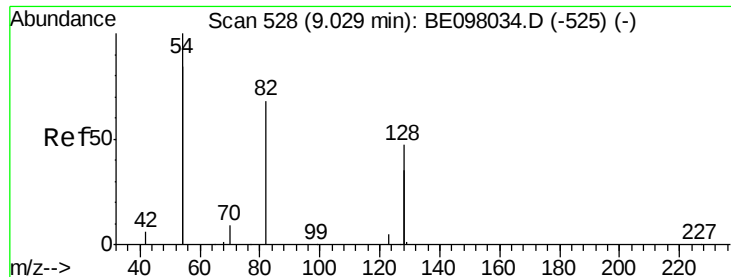
1000

0

10.60 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.278 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.01 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

Instrument :

BNA_E

ClientSampleId :

PB113752BL

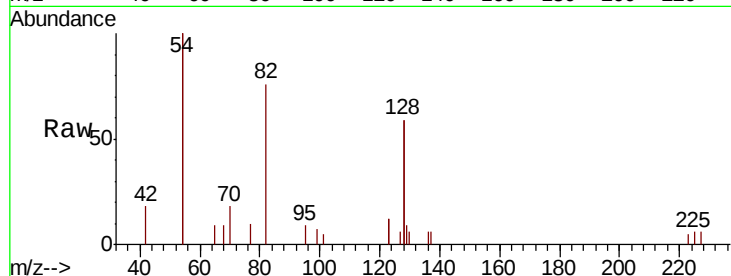
Tot Ion: 82 Resp: 1372

Ion Ratio Lower Upper

82 100

128 154.8 129.9 194.9

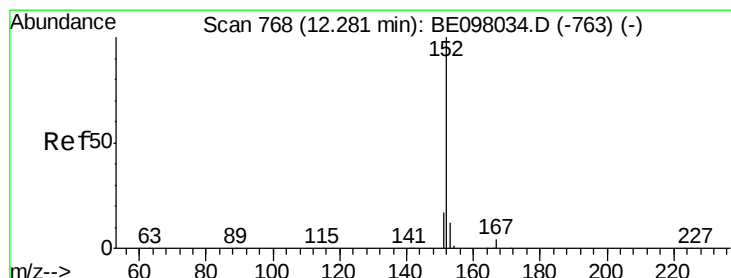
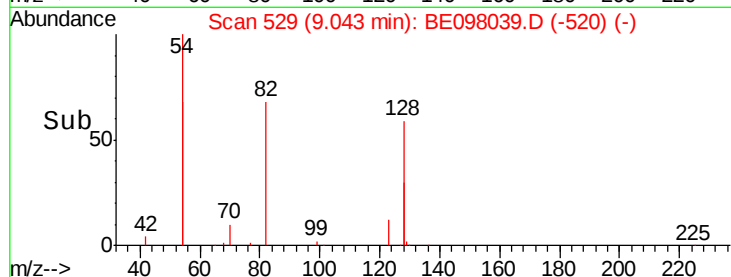
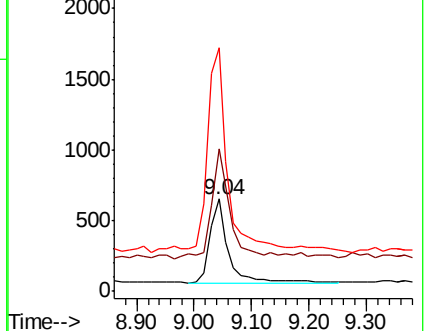
54 264.5 174.0 261.0#



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



#11

2-Methylnaphthalene-d10

Concen: 0.244 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE098039.D

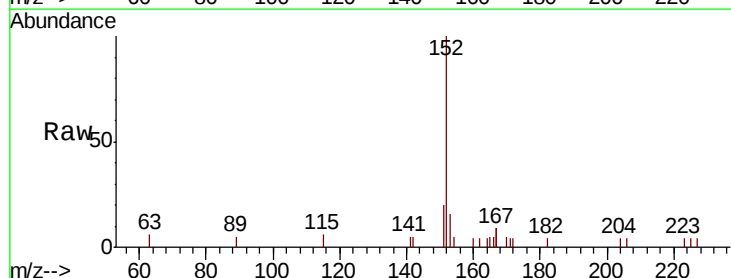
Acq: 24 Oct 2018 15:27

Tgt Ion: 152 Resp: 2005

Ion Ratio Lower Upper

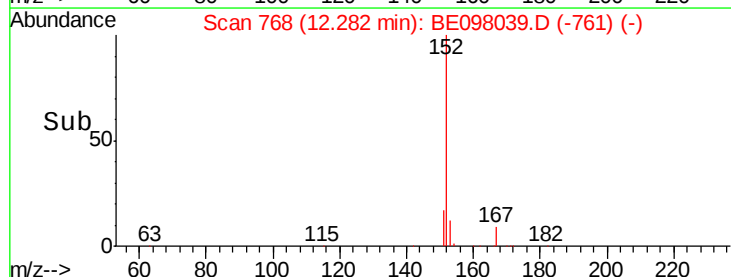
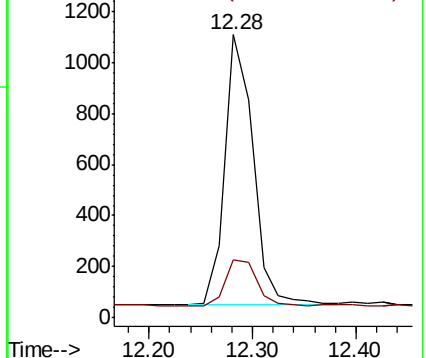
152 100

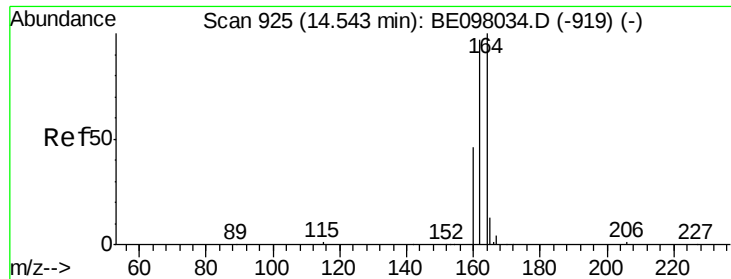
151 19.1 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

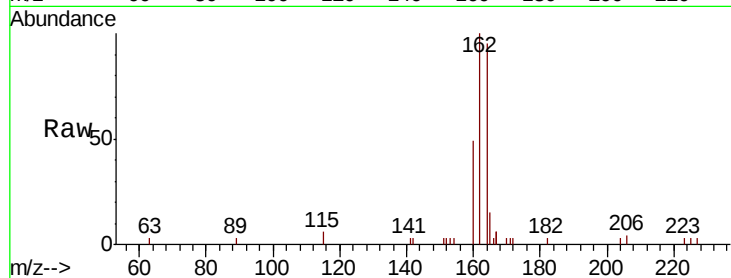




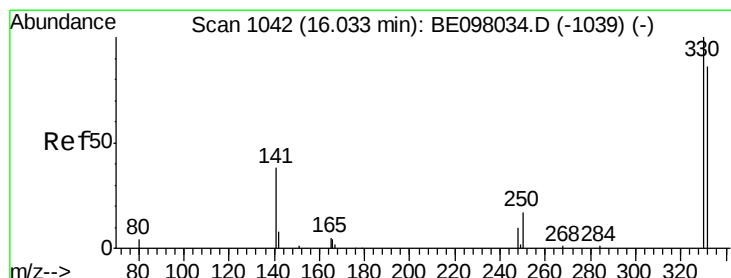
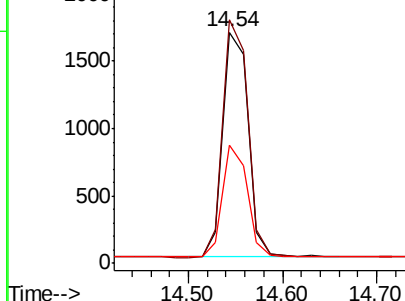
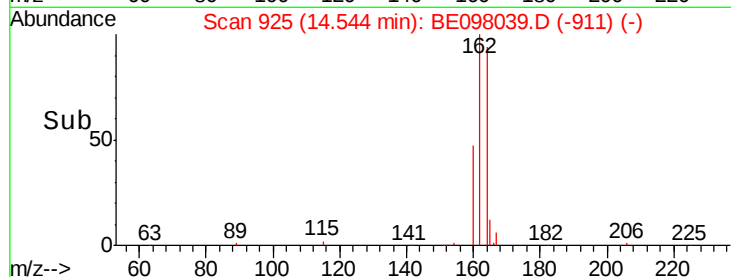
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BE098039.D
 Acq: 24 Oct 2018 15:27

Instrument :
 BNA_E
 ClientSampleId :
 PB113752BL

Tot Ion:164 Resp: 3122
 Ion Ratio Lower Upper
 164 100
 162 105.4 77.4 116.2
 160 51.2 36.5 54.7

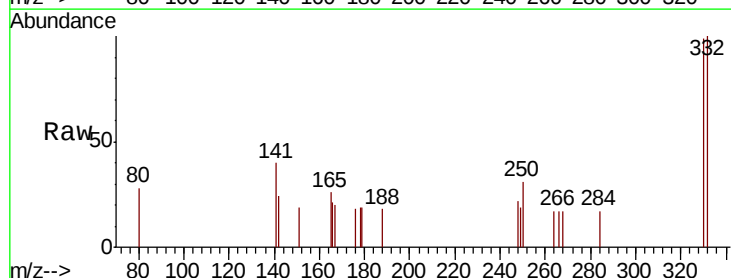


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

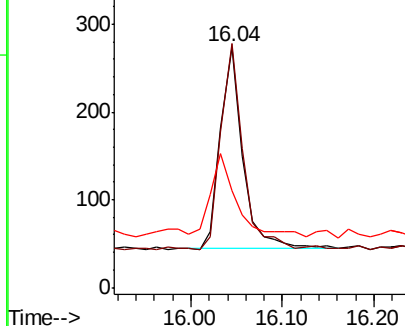
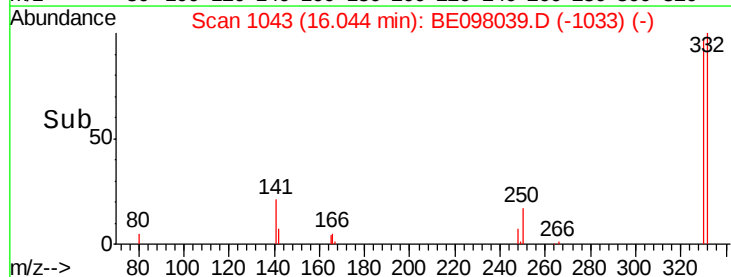


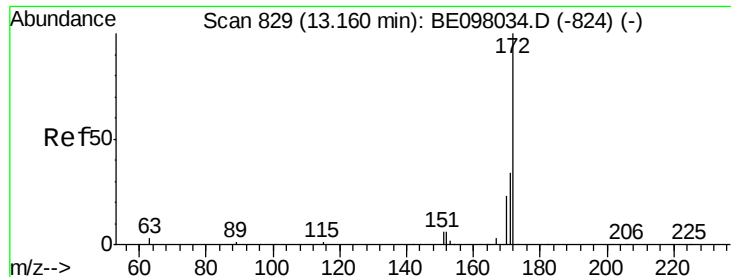
#14
 2,4,6-Tribromophenol
 Concen: 0.253 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. 0.01 min
 Lab File: BE098039.D
 Acq: 24 Oct 2018 15:27

Tgt Ion:330 Resp: 397
 Ion Ratio Lower Upper
 330 100
 332 99.0 76.5 114.7
 141 45.8 31.8 47.6



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

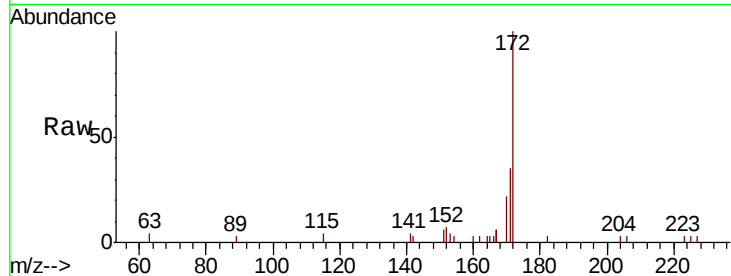




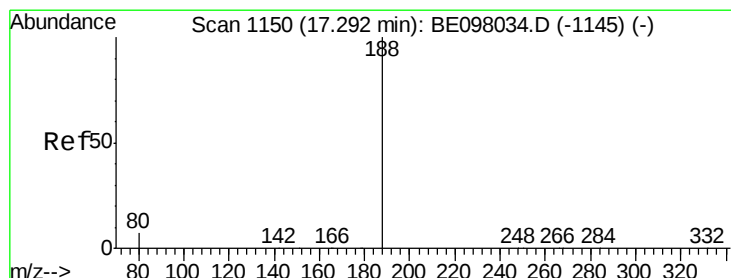
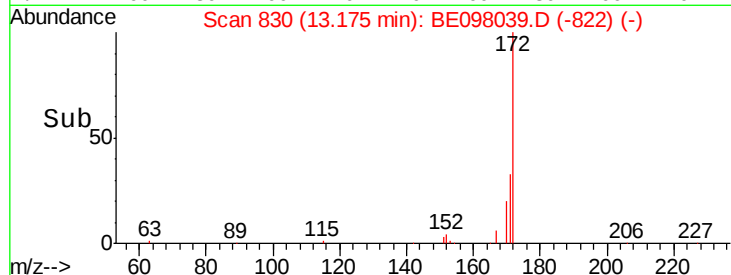
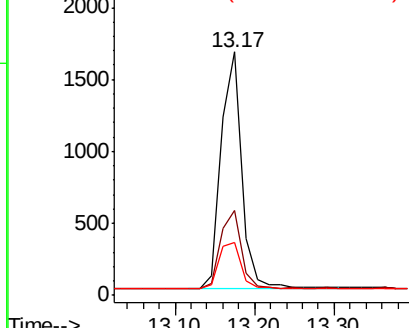
#15
2-Fluorobiphenyl
Concen: 0.236 ng
RT: 13.17 min Scan# 830
Delta R.T. 0.02 min
Lab File: BE098039.D
Acq: 24 Oct 2018 15:27

Instrument :
BNA_E
ClientSampleId :
PB113752BL

Tot Ion:172 Resp: 2982
Ion Ratio Lower Upper
172 100
171 35.0 26.0 39.0
170 21.7 18.0 27.0

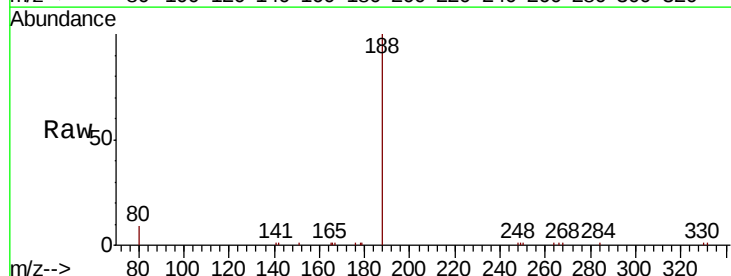


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

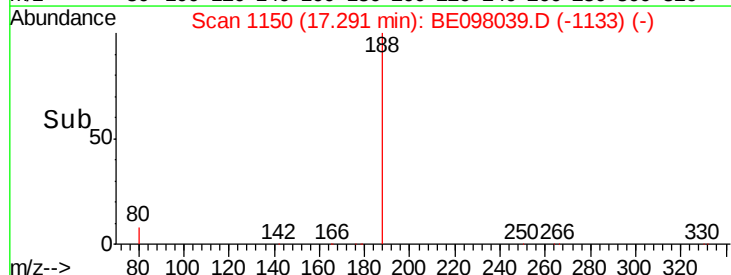
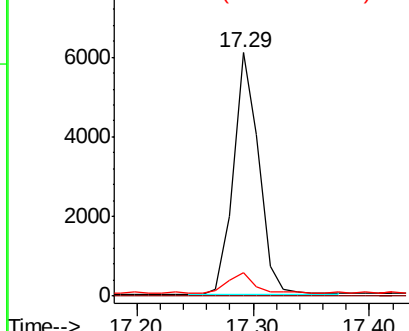


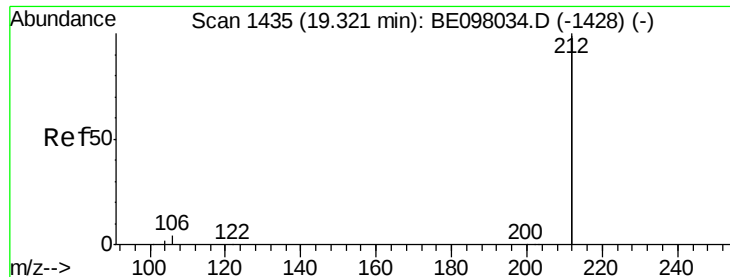
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BE098039.D
Acq: 24 Oct 2018 15:27

Tgt Ion:188 Resp: 9148
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 6.3 9.5



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: 0.275 ng

RT: 19.33 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

Instrument :

BNA_E

ClientSampleId :

PB113752BL

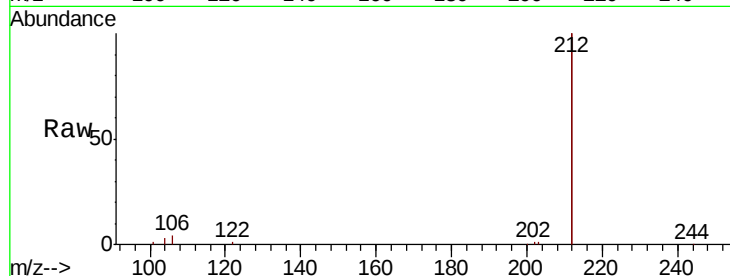
Tot Ion:212 Resp: 32289

Ion Ratio Lower Upper

212 100

106 2.0 2.3 3.5#

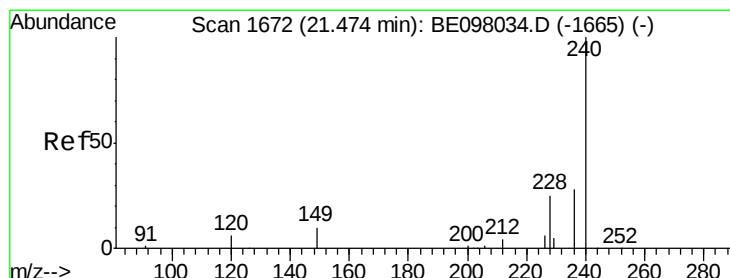
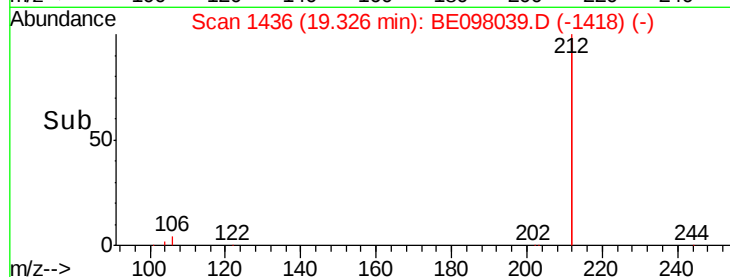
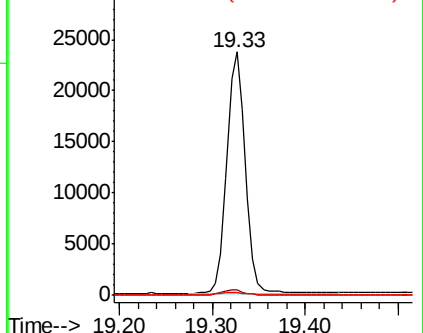
104 1.3 1.3 1.9



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: 21.48 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

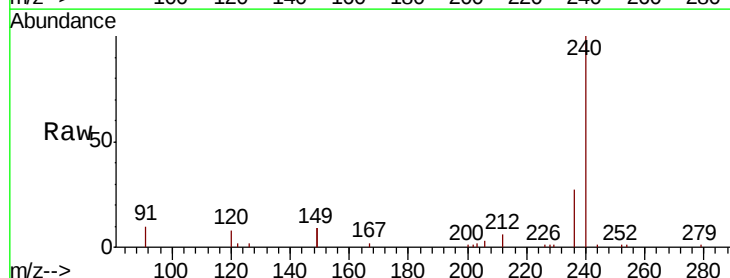
Tgt Ion:240 Resp: 11658

Ion Ratio Lower Upper

240 100

120 7.6 7.1 10.7

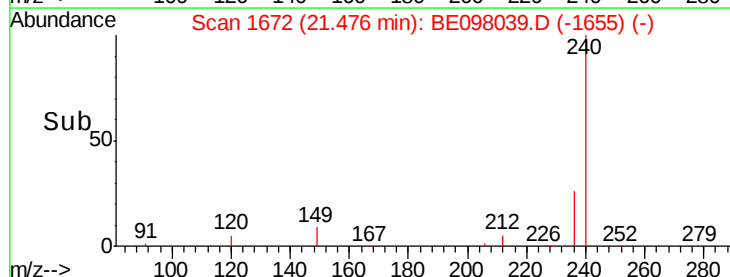
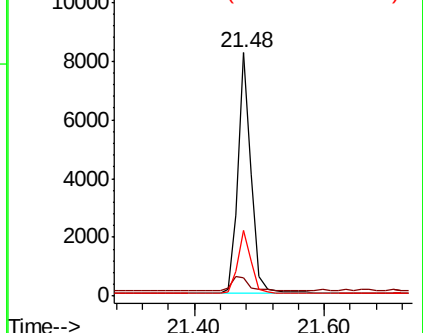
236 27.2 21.3 31.9

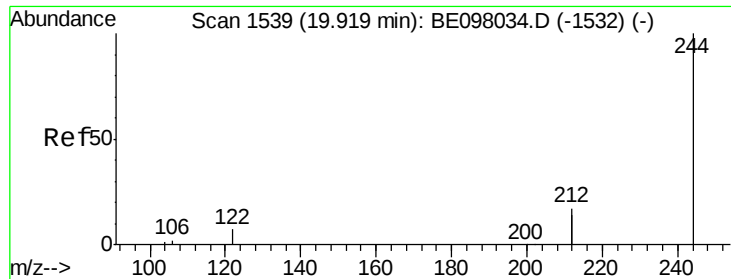


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.345 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

Instrument :

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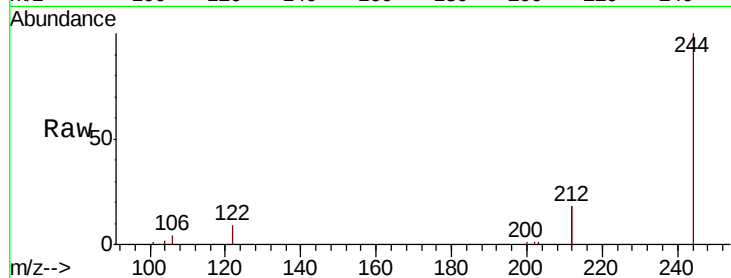
Tot Ion:244 Resp: 9466

Ion Ratio Lower Upper

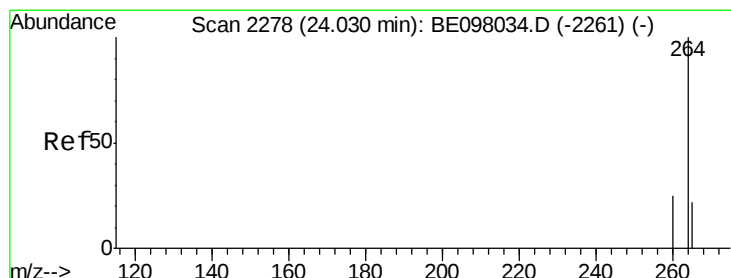
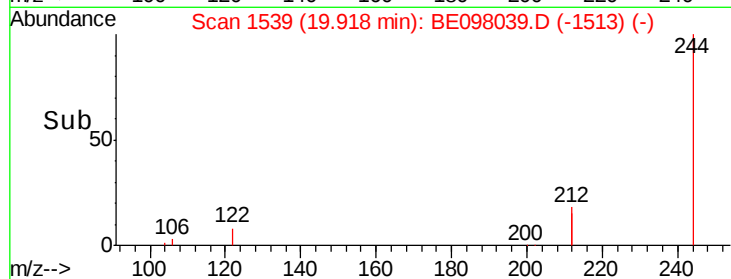
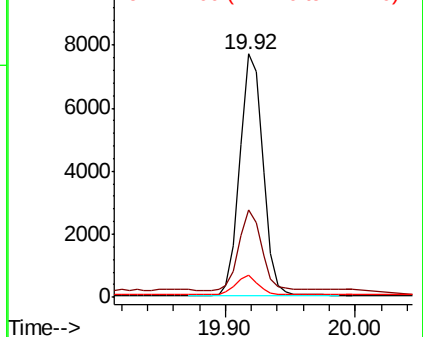
244 100

212 36.0 26.2 39.2

122 9.0 7.7 11.5



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: 24.03 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

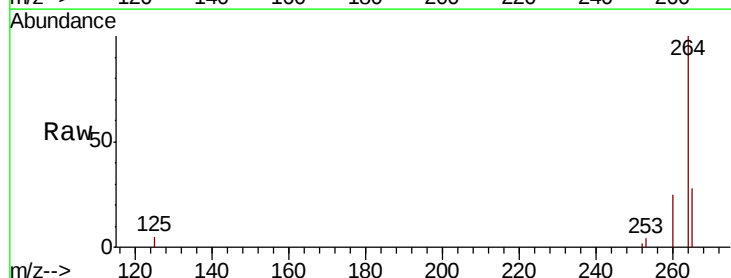
Tgt Ion:264 Resp: 11554

Ion Ratio Lower Upper

264 100

260 25.1 21.1 31.7

265 27.9 29.2 43.8#



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

