

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070219\
 Data File : BE100308.D
 Acq On : 2 Jul 2019 18:39
 Operator : JU/SJ
 Sample : K3445-05 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-008-SW113-061719

Quant Time: Jul 03 02:13:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	902	0.40	ng	0.00
7) Naphthalene-d8	10.45	136	3195	0.40	ng	0.00
13) Acenaphthene-d10	14.31	164	2584	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	7204	0.40	ng	0.00
27) Chrysene-d12	21.25	240	9267	0.40	ng	0.00
34) Perylene-d12	23.67	264	11148	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	91	0.04	ng	0.00
5) Phenol-d6	6.85	99	83	0.03	ng	0.00
8) Nitrobenzene-d5	8.83	82	91	0.03	ng	0.01
11) 2-Methylnaphthalene-d10	12.05	152	258	0.04	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	67	0.04	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	302	0.03	ng	0.00
25) Fluoranthene-d10	19.10	212	3999	0.04	ng	0.00
29) Terphenyl-d14	19.70	244	937	0.05	ng	0.00

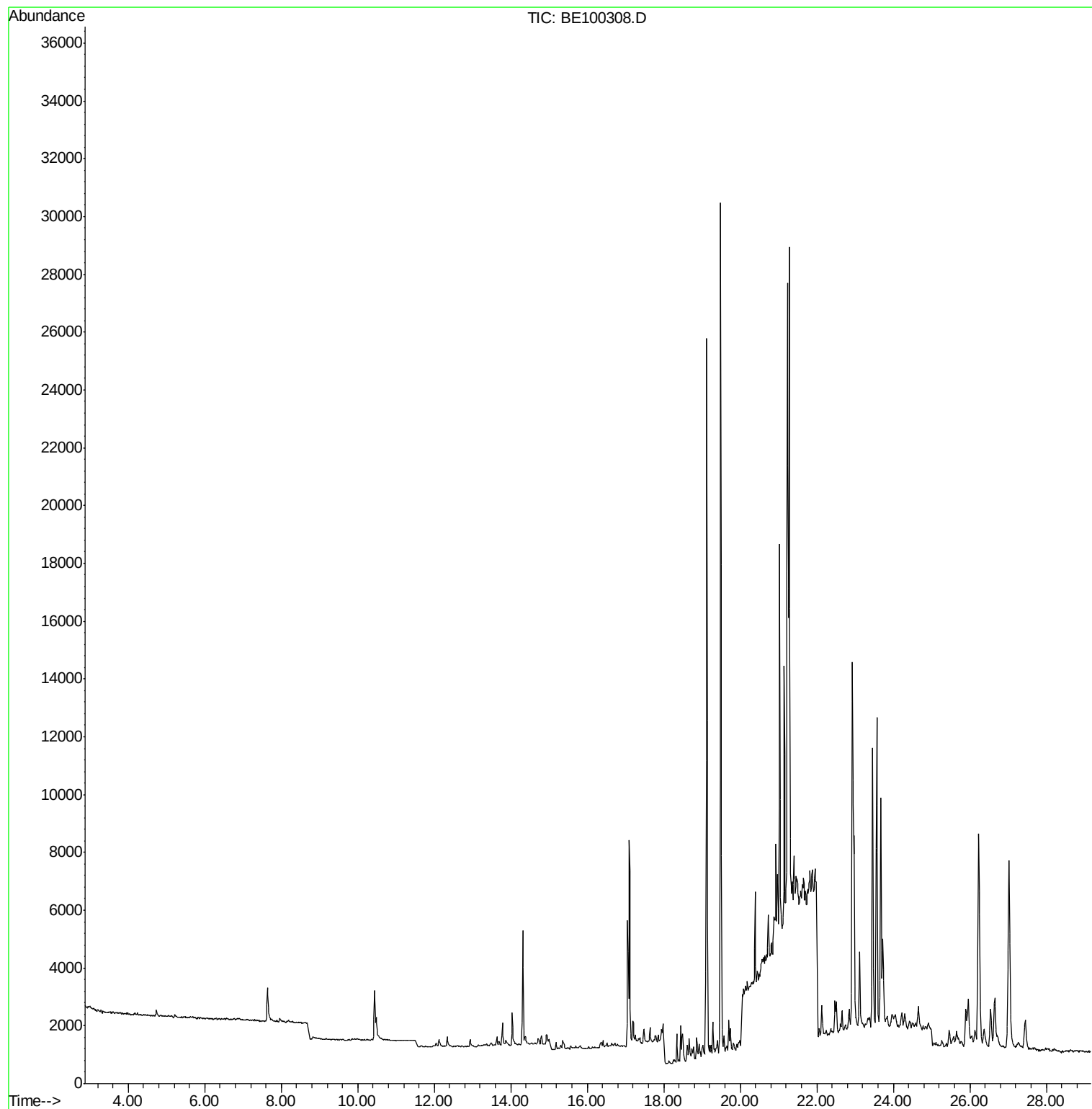
Target Compounds	Qvalue
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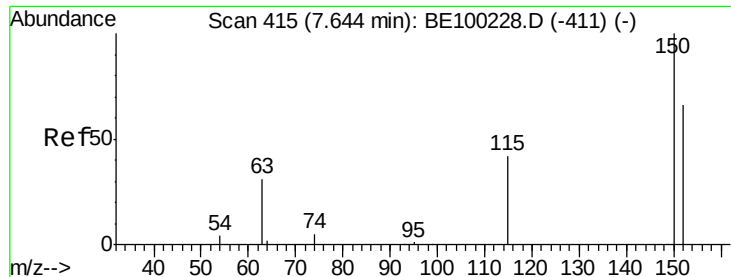
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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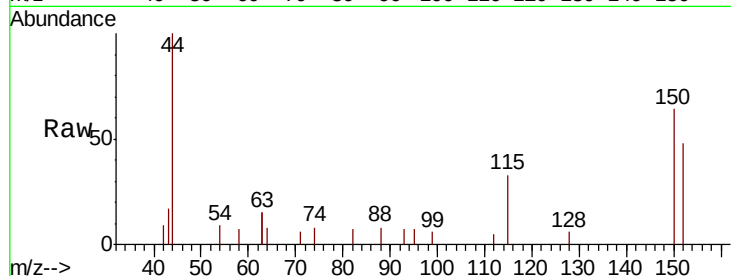


#1

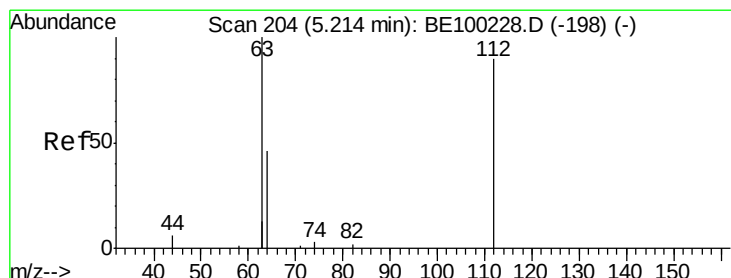
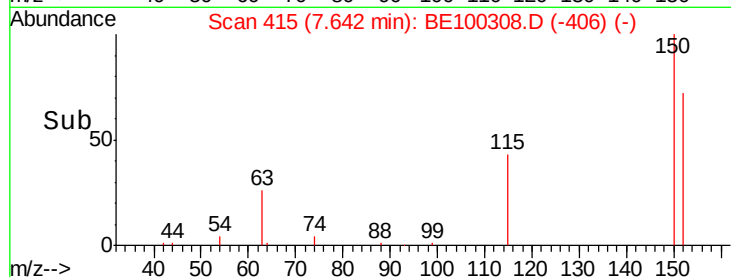
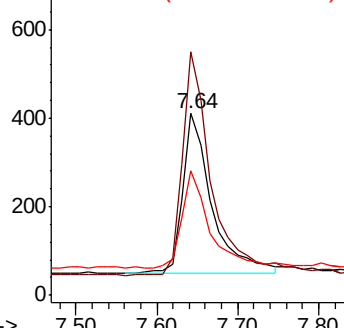
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100308.D
Acq: 2 Jul 2019 18:39

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW113-061719

Tgt Ion:152 Resp: 902
Ion Ratio Lower Upper
152 100
150 134.1 114.5 171.7
115 68.5 57.1 85.7



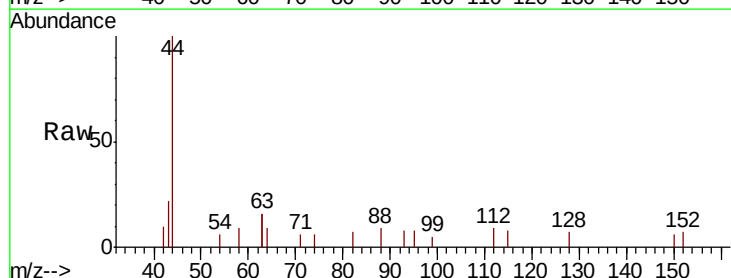
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



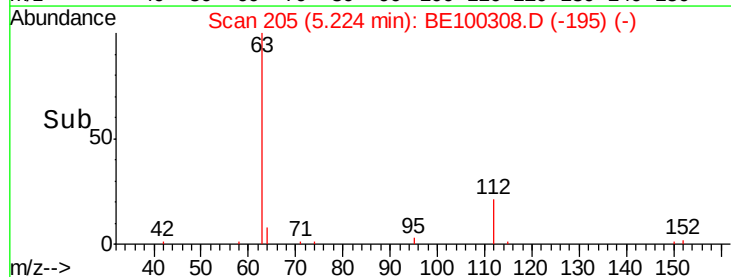
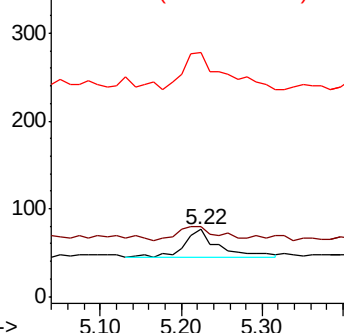
#4

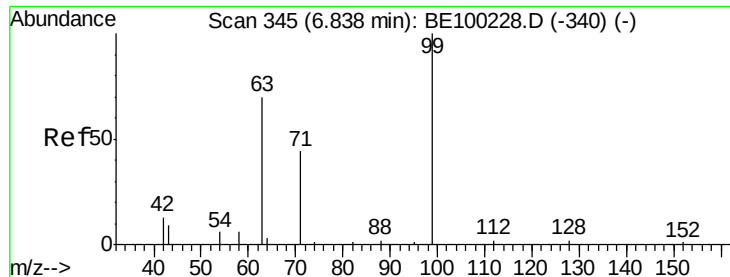
2-Fluorophenol
Concen: 0.040 ng
RT: 5.22 min Scan# 205
Delta R.T. 0.01 min
Lab File: BE100308.D
Acq: 2 Jul 2019 18:39

Tgt Ion:112 Resp: 91
Ion Ratio Lower Upper
112 100
64 60.4 39.4 59.0#
63 156.0 104.5 156.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.027 ng

RT: 6.85 min Scan# 346

Delta R.T. 0.01 min

Lab File: BE100308.D

Acq: 2 Jul 2019 18:39

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW113-061719

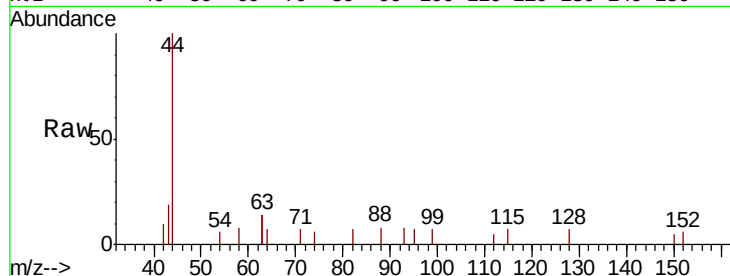
Tgt Ion: 99 Resp: 83

Ion Ratio Lower Upper

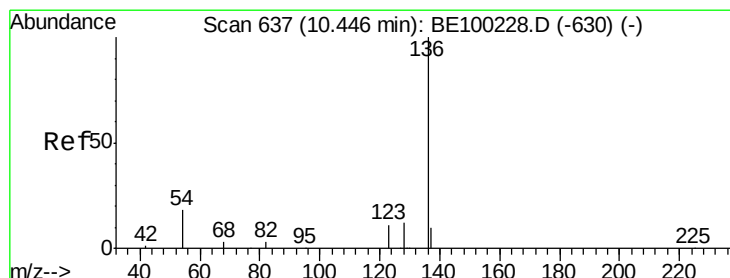
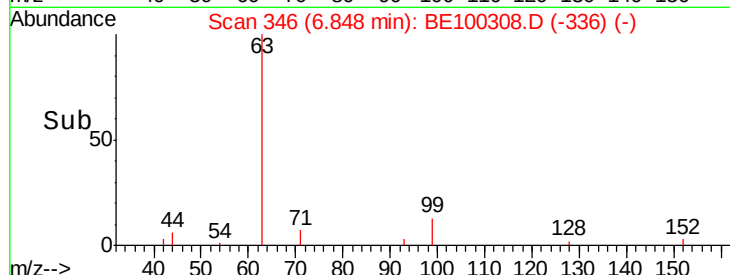
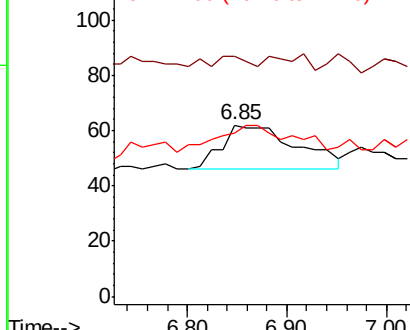
99 100

42 0.0 11.2 16.8#

71 63.9 37.2 55.8#



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 637

Delta R.T. 0.00 min

Lab File: BE100308.D

Acq: 2 Jul 2019 18:39

Tgt Ion: 136 Resp: 3195

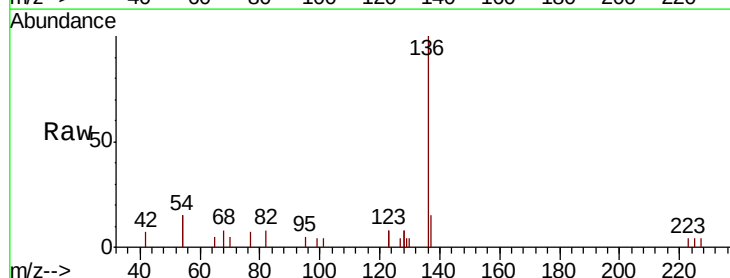
Ion Ratio Lower Upper

136 100

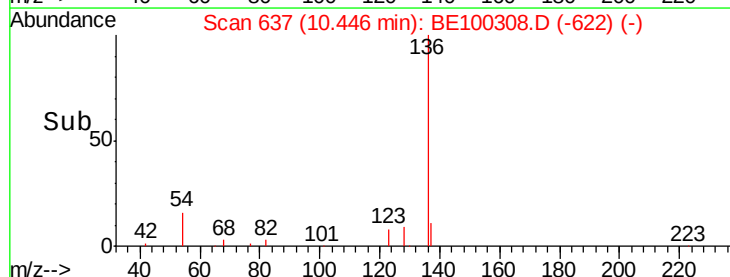
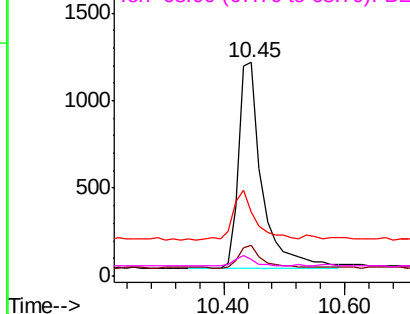
137 14.5 11.8 17.8

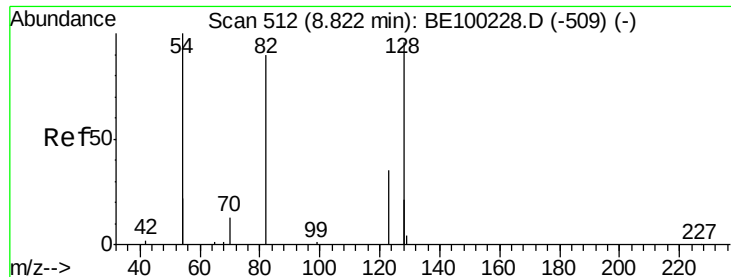
54 30.2 27.7 41.5

68 7.8 6.8 10.2



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): BE1
Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.029 ng

RT: 8.83 min Scan# 513

Delta R.T. 0.01 min

Lab File: BE100308.D

Acq: 2 Jul 2019 18:39

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW113-061719

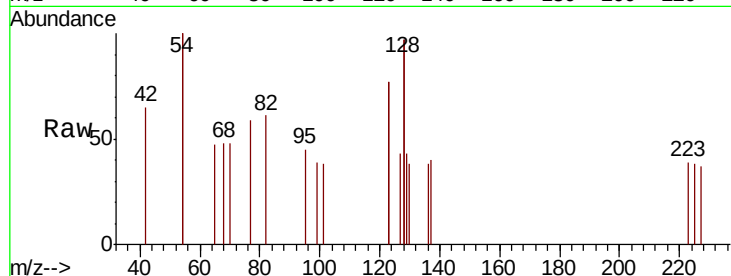
Tgt Ion: 82 Resp: 91

Ion Ratio Lower Upper

82 100

128 315.8 140.9 211.3#

54 326.3 146.2 219.2#

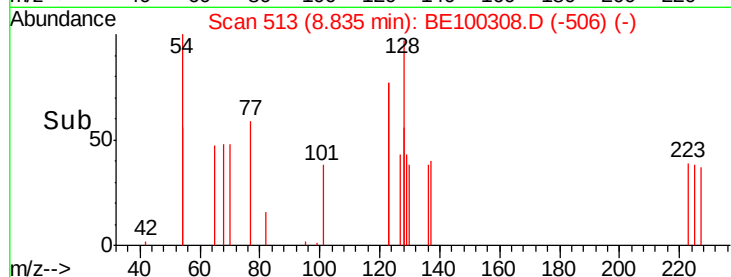


Abundance Ion 82.00 (81.70 to 82.70): BE1

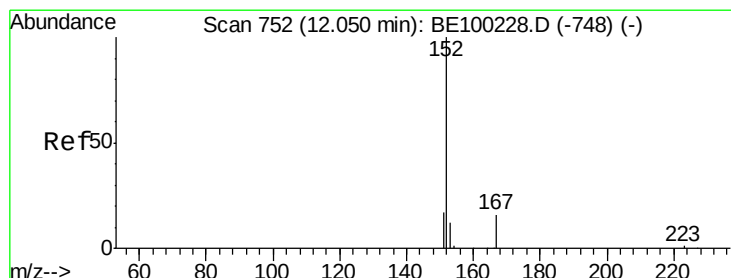
Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1

Time--> 8.70 8.80 8.90



Time--> 8.70 8.80 8.90



#11

2-Methylnaphthalene-d10

Concen: 0.043 ng

RT: 12.05 min Scan# 752

Delta R.T. 0.00 min

Lab File: BE100308.D

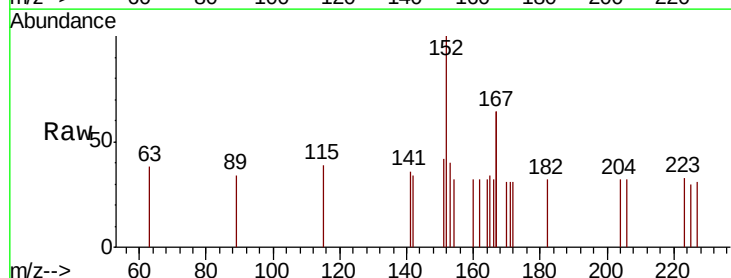
Acq: 2 Jul 2019 18:39

Tgt Ion: 152 Resp: 258

Ion Ratio Lower Upper

152 100

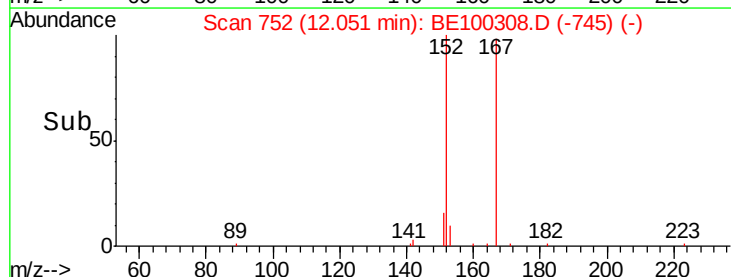
151 22.1 15.1 22.7



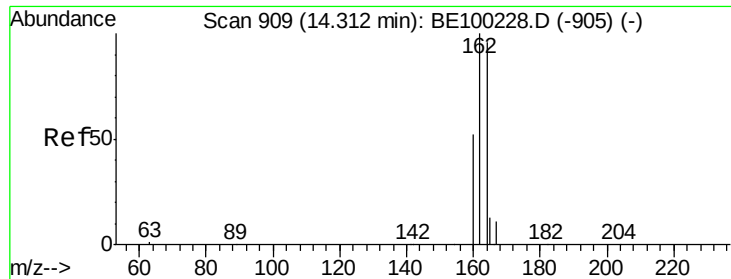
Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

Time--> 12.00 12.20



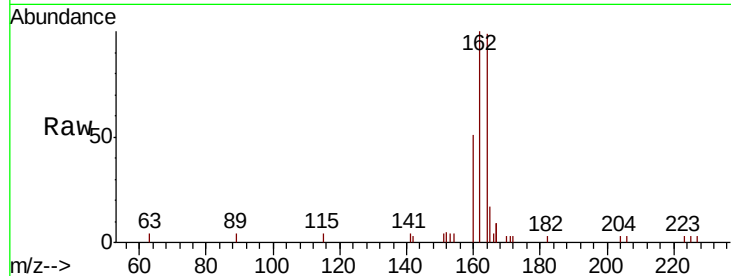
Time--> 12.00 12.20



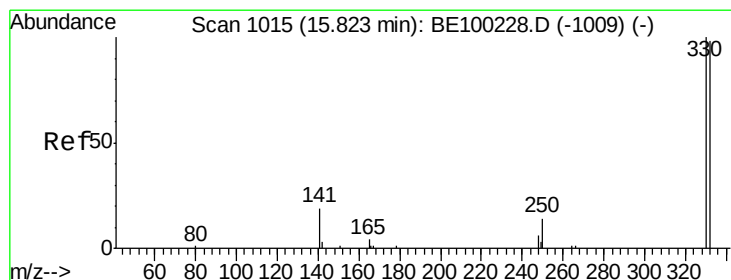
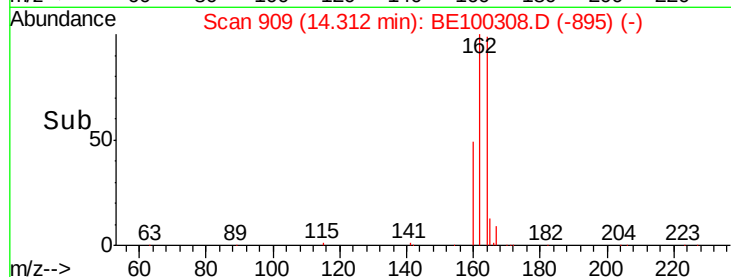
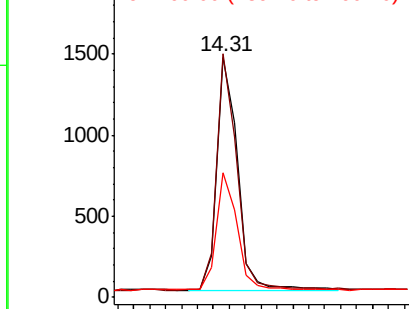
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.31 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BE100308.D
 Acq: 2 Jul 2019 18:39

Instrument :
 BNA_E
 ClientSampleId :
 EXT-008-SW113-061719

Tgt Ion:164 Resp: 2584
 Ion Ratio Lower Upper
 164 100
 162 101.3 83.4 125.0
 160 51.6 45.0 67.6

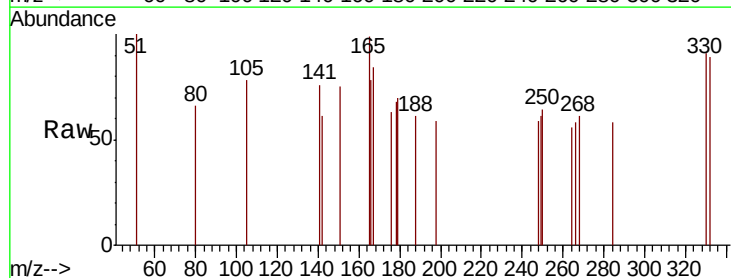


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

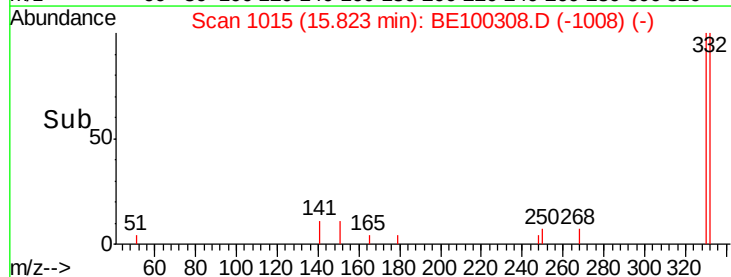
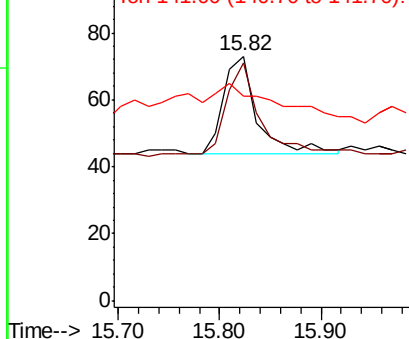


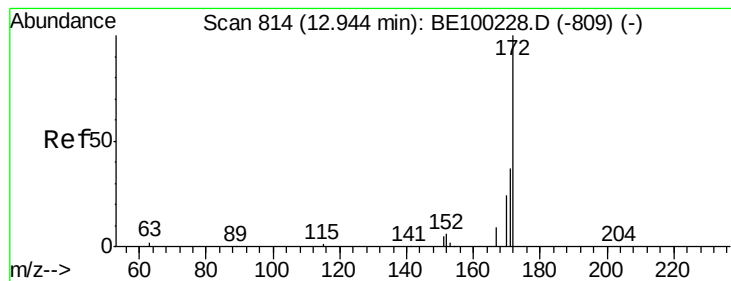
#14
 2,4,6-Tribromophenol
 Concen: 0.037 ng
 RT: 15.82 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BE100308.D
 Acq: 2 Jul 2019 18:39

Tgt Ion:330 Resp: 67
 Ion Ratio Lower Upper
 330 100
 332 91.0 77.0 115.4
 141 79.1 22.0 33.0#



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

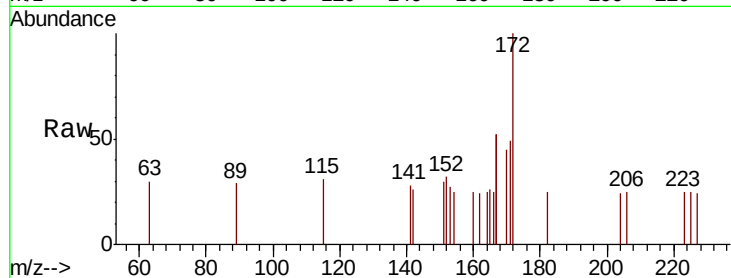




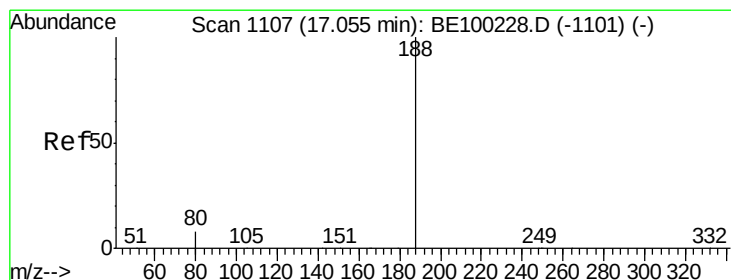
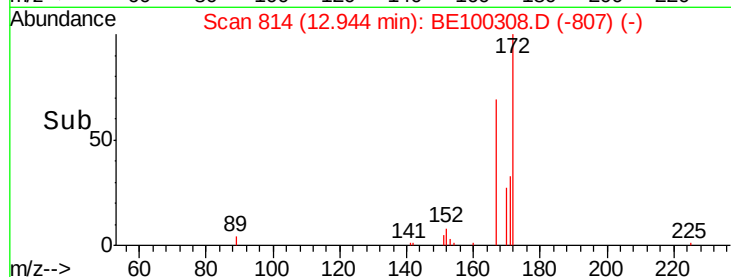
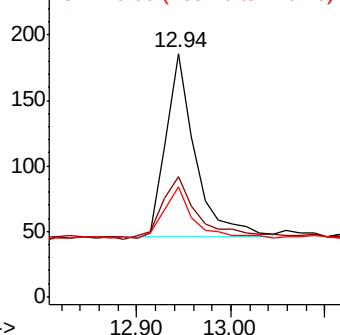
#15
2-Fluorobiphenyl
Concen: 0.030 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100308.D
Acq: 2 Jul 2019 18:39

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW113-061719

Tgt Ion:172 Resp: 302
Ion Ratio Lower Upper
172 100
171 49.5 31.9 47.9#
170 45.2 22.2 33.2#

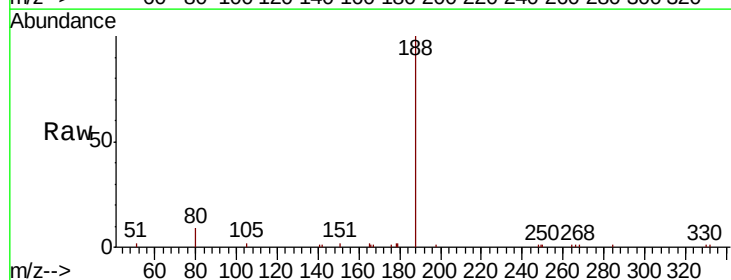


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

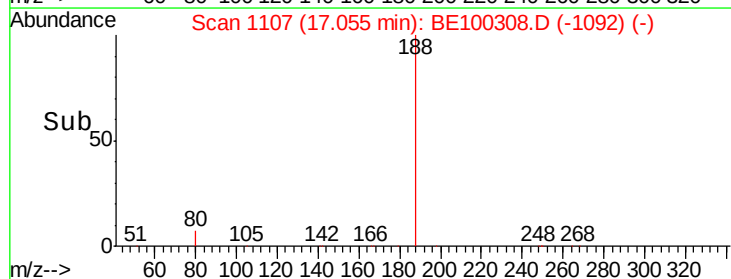
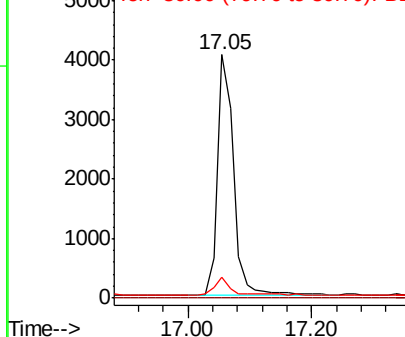


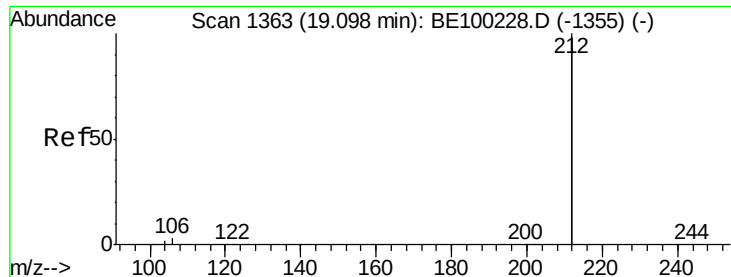
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100308.D
Acq: 2 Jul 2019 18:39

Tgt Ion:188 Resp: 7204
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1

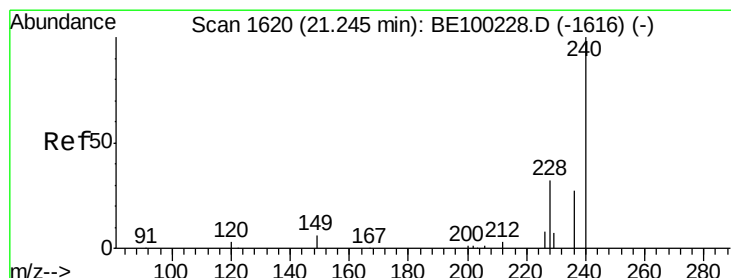
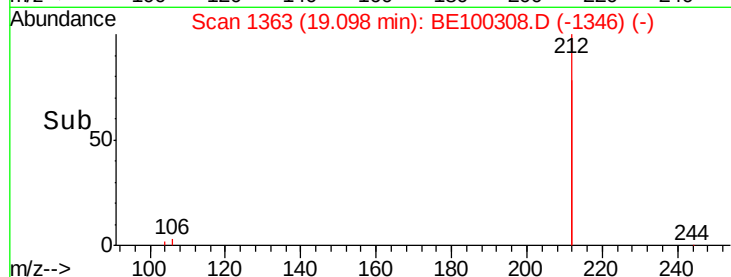
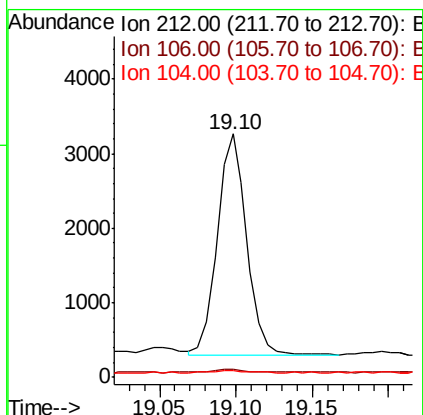
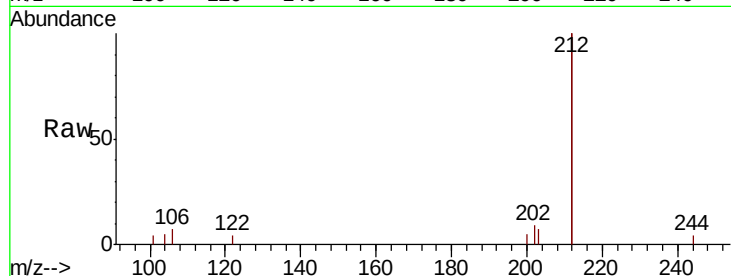




#25
Fluoranthene-d10
Concen: 0.038 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100308.D
Acq: 2 Jul 2019 18:39

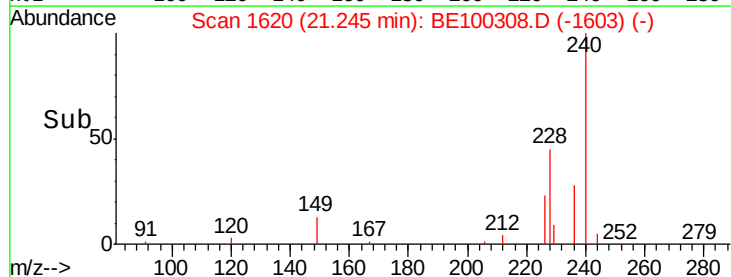
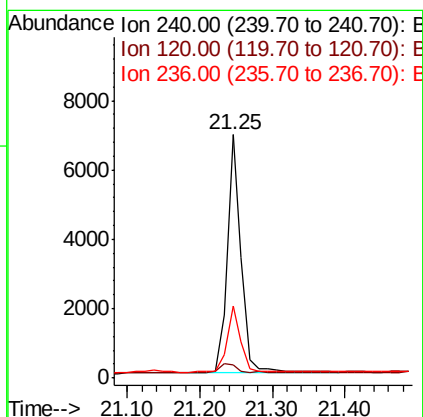
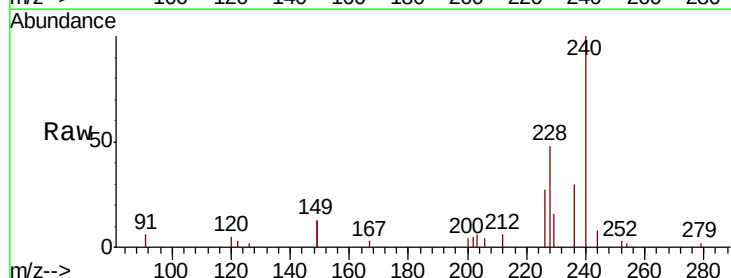
Instrument :
BNA_E
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EXT-008-SW113-061719

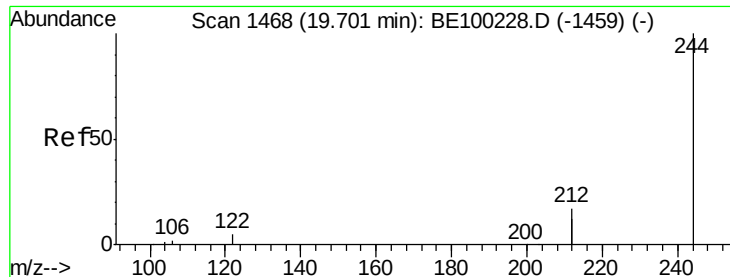
Tgt Ion: 212 Resp: 3999
Ion Ratio Lower Upper
212 100
106 1.7 1.3 1.9
104 1.3 0.8 1.2#



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100308.D
Acq: 2 Jul 2019 18:39

Tgt Ion: 240 Resp: 9267
Ion Ratio Lower Upper
240 100
120 5.5 3.3 4.9#
236 29.8 22.6 34.0





#29

Terphenyl-d14

Concen: 0.049 ng

RT: 19.70 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BE100308.D

Acq: 2 Jul 2019 18:39

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW113-061719

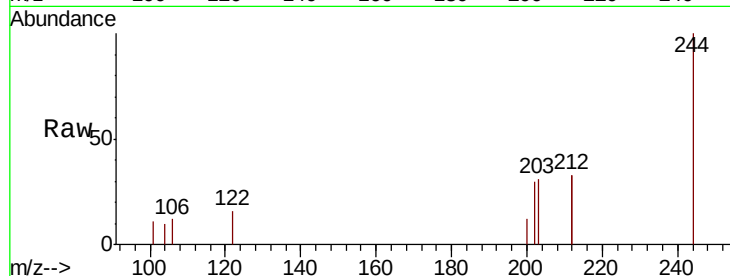
Tgt Ion:244 Resp: 937

Ion Ratio Lower Upper

244 100

212 66.3 27.3 40.9#

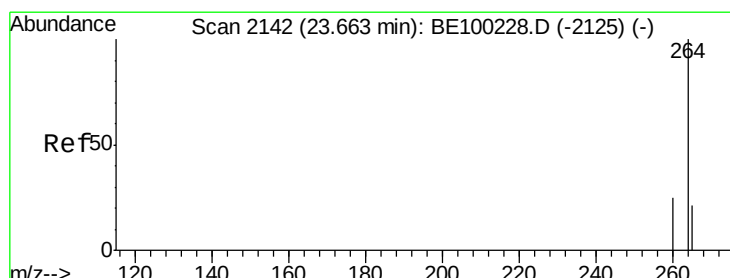
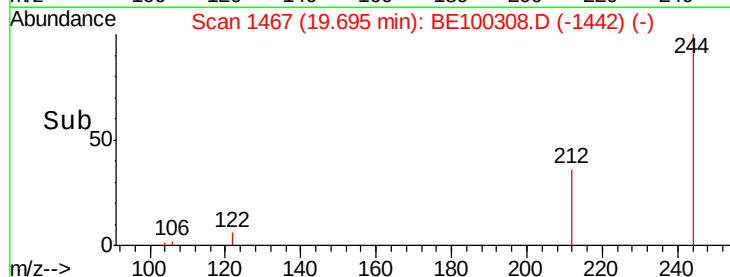
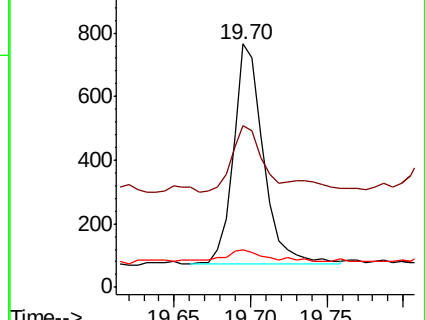
122 15.7 4.7 7.1#



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: 23.67 min Scan# 2145

Delta R.T. 0.01 min

Lab File: BE100308.D

Acq: 2 Jul 2019 18:39

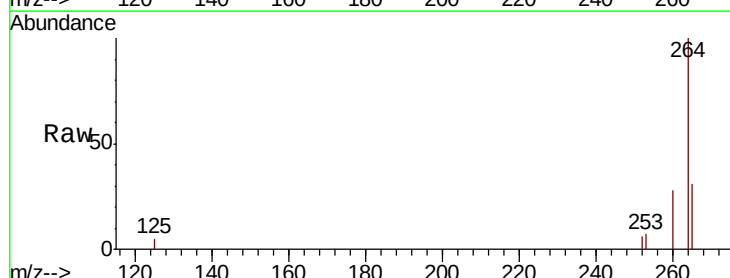
Tgt Ion:264 Resp: 11148

Ion Ratio Lower Upper

264 100

260 28.1 20.8 31.2

265 31.3 21.8 32.6



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

