

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070819\
 Data File : BN006755.D
 Acq On : 08 Jul 2019 13:11
 Operator : HP/JU
 Sample : PB121176BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB121176BL

Quant Time: Jul 09 04:56:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 05:30:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2461	0.40	ng	-0.02
7) Naphthalene-d8	10.39	136	8432	0.40	ng	0.00
13) Acenaphthene-d10	14.25	164	5457	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	11646	0.40	ng	0.00
27) Chrysene-d12	21.25	240	11410	0.40	ng	-0.01
34) Perylene-d12	23.47	264	13973	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	1847	0.28	ng	0.02
5) Phenol-d6	6.88	99	1878	0.22	ng	0.05
8) Nitrobenzene-d5	8.87	82	1316	0.20	ng	0.08
11) 2-Methylnaphthalene-d10	12.00	152	4847	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	473	0.18	ng	0.02
15) 2-Fluorobiphenyl	12.88	172	6675	0.31	ng	0.00
25) Fluoranthene-d10	19.07	212	13027	0.39	ng	0.00
29) Terphenyl-d14	19.66	244	9305	0.35	ng	-0.01

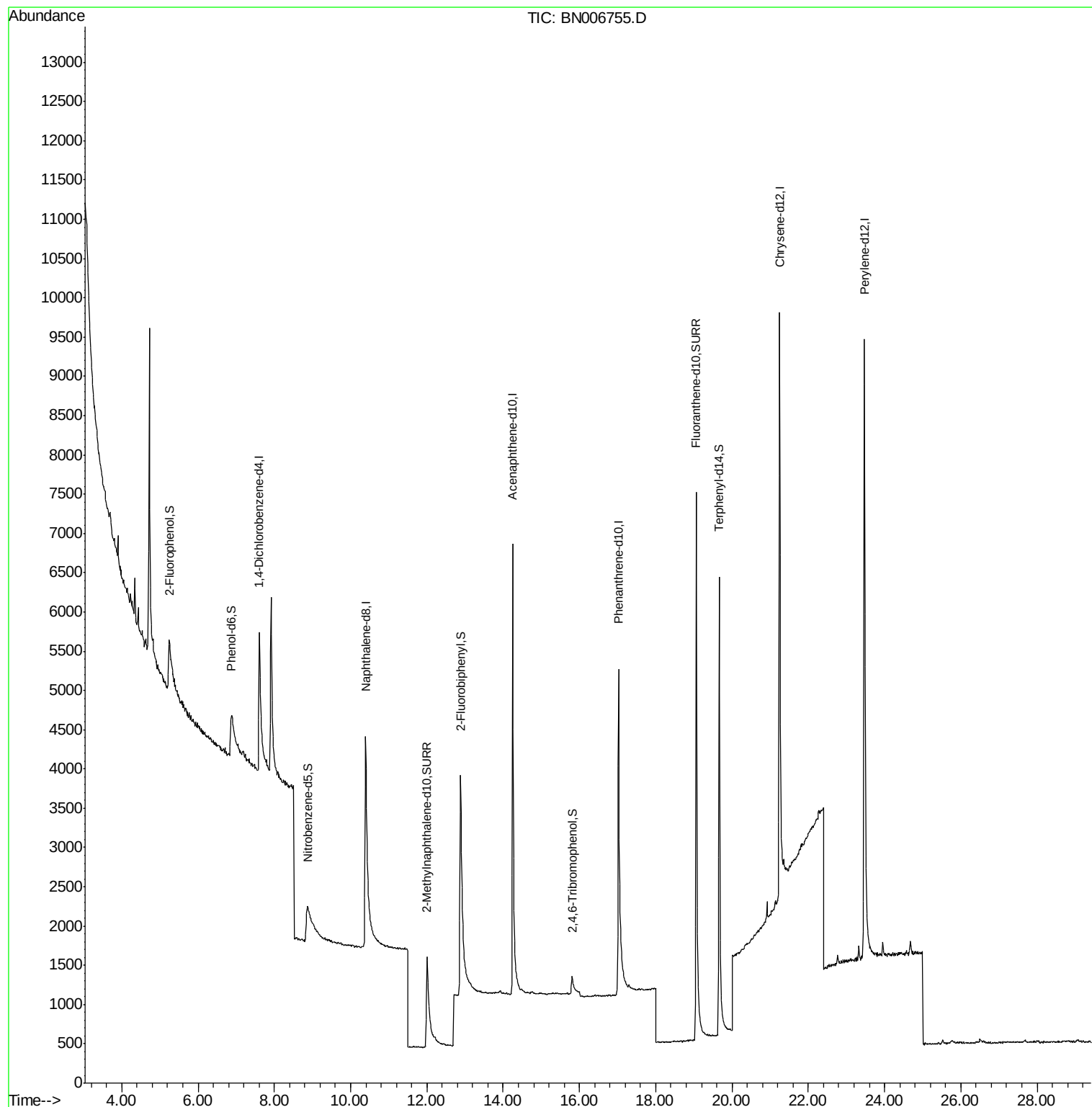
Target Compounds	Qvalue
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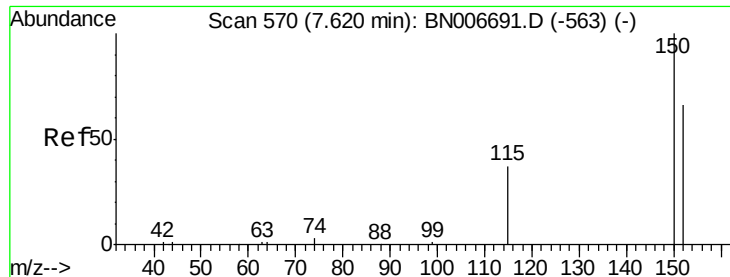
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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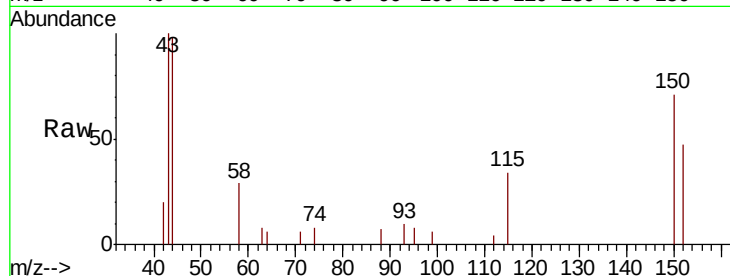


#1

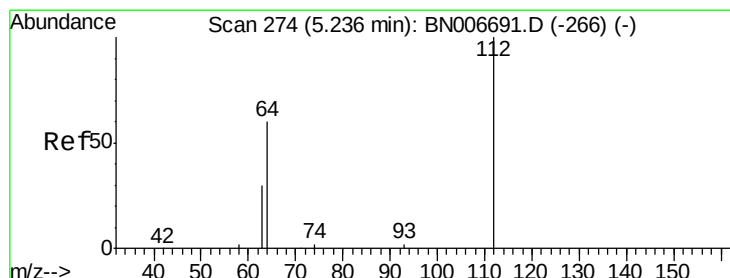
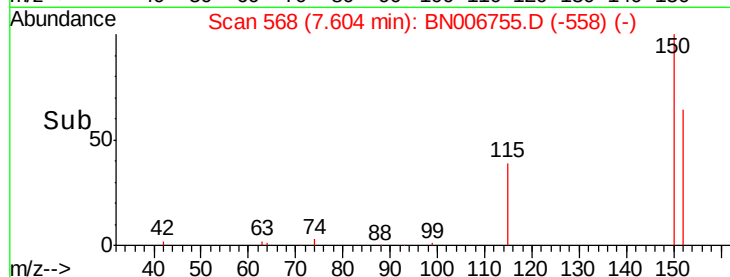
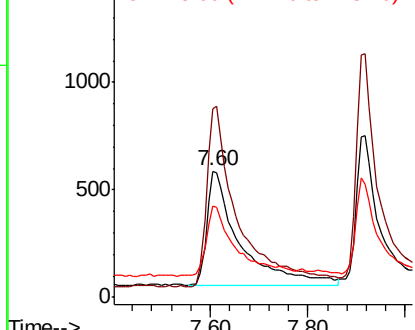
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 568
Delta R.T. -0.02 min
Lab File: BN006755.D
Acq: 08 Jul 2019 13:11

Instrument :
BNA_N
ClientSampleId :
PB121176BL

Tot Ion:152 Resp: 2461
Ion Ratio Lower Upper
152 100
150 149.1 120.6 181.0
115 72.3 51.0 76.6



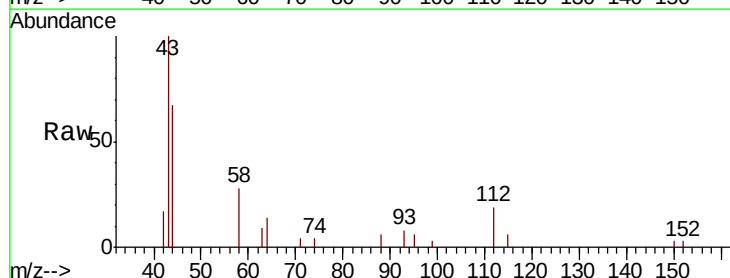
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



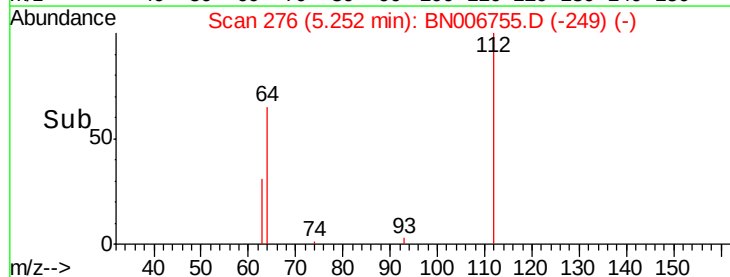
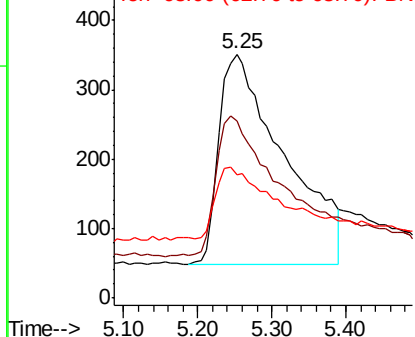
#4

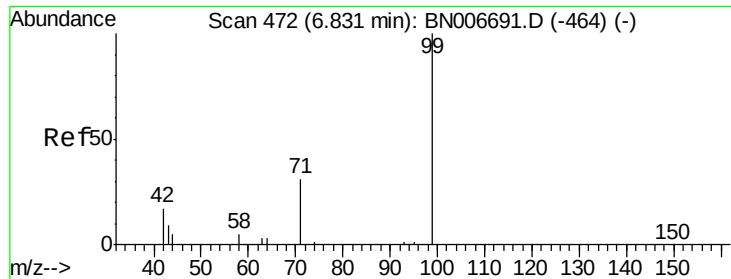
2-Fluorophenol
Concen: 0.276 ng
RT: 5.25 min Scan# 276
Delta R.T. 0.02 min
Lab File: BN006755.D
Acq: 08 Jul 2019 13:11

Tgt Ion:112 Resp: 1847
Ion Ratio Lower Upper
112 100
64 65.7 49.8 74.6
63 34.4 25.8 38.6



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





#5

Phenol-d6

Concen: 0.222 ng

RT: 6.88 min Scan# 478

Delta R.T. 0.05 min

Lab File: BN006755.D

Acq: 08 Jul 2019 13:11

Instrument :

BNA_N

ClientSampleId :

PB121176BL

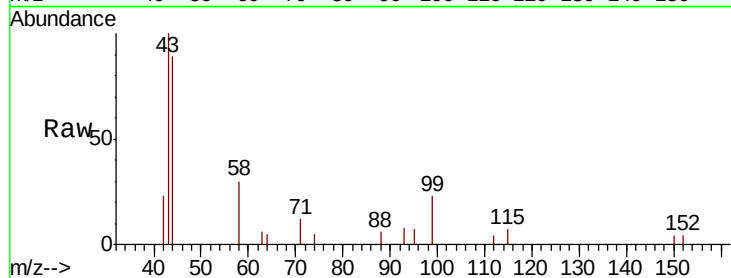
Tot Ion: 99 Resp: 1878

Ion Ratio Lower Upper

99 100

42 27.2 16.6 25.0#

71 34.4 26.0 39.0



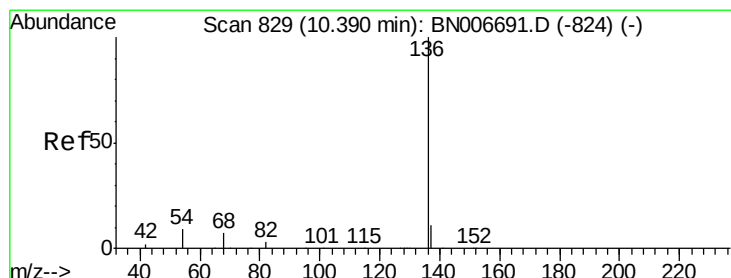
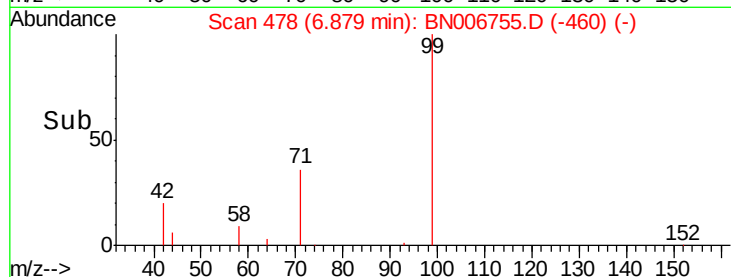
Abundance Ion 99.00 (98.70 to 99.70): BN006691.D (-464) (-)

Ion 42.00 (41.70 to 42.70): BN006691.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006691.D (-464) (-)

6.88

Time--> 6.70 6.80 6.90 7.00



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 829

Delta R.T. 0.00 min

Lab File: BN006755.D

Acq: 08 Jul 2019 13:11

Tgt Ion: 136 Resp: 8432

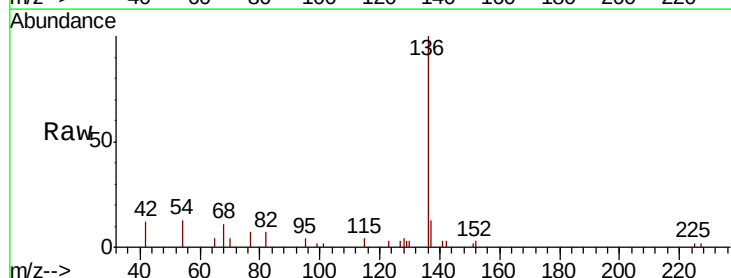
Ion Ratio Lower Upper

136 100

137 12.8 9.3 13.9

54 13.5 8.4 12.6#

68 10.9 6.8 10.2#



Abundance Ion 136.00 (135.70 to 136.70): BN006691.D (-824) (-)

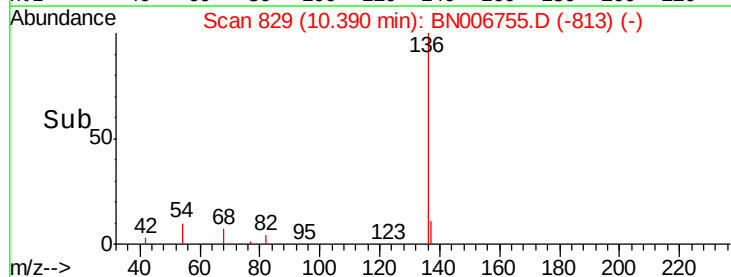
Ion 137.00 (136.70 to 137.70): BN006691.D (-824) (-)

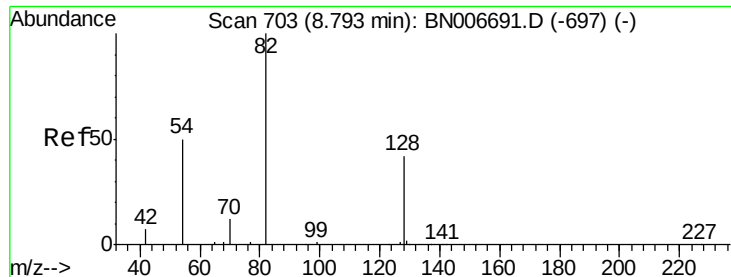
Ion 54.00 (53.70 to 54.70): BN006691.D (-824) (-)

Ion 68.00 (67.70 to 68.70): BN006691.D (-824) (-)

10.39

Time--> 10.20 10.30 10.40 10.50





#8

Nitrobenzene-d5

Concen: 0.203 ng

RT: 8.87 min Scan# 709

Delta R.T. 0.08 min

Lab File: BN006755.D

Acq: 08 Jul 2019 13:11

Instrument :

BNA_N

ClientSampleId :

PB121176BL

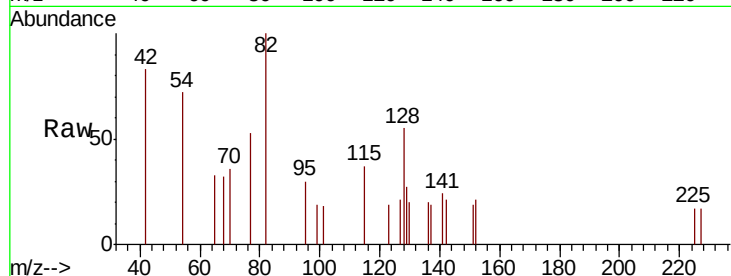
Tot Ion: 82 Resp: 1316

Ion Ratio Lower Upper

82 100

128 54.9 36.1 54.1#

54 72.2 44.5 66.7#

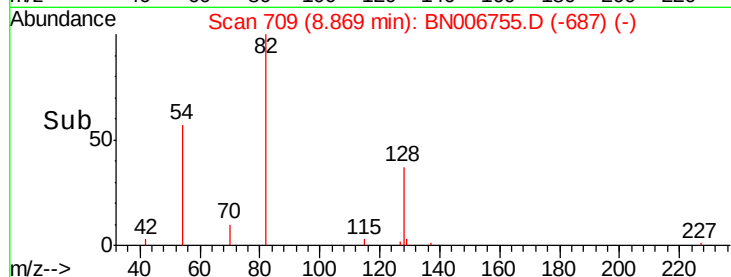


Abundance Ion 82.00 (81.70 to 82.70): BN006691.D (-697) (-)

Ion 128.00 (127.70 to 128.70): BN006691.D (-697) (-)

Ion 54.00 (53.70 to 54.70): BN006691.D (-697) (-)

Time-->

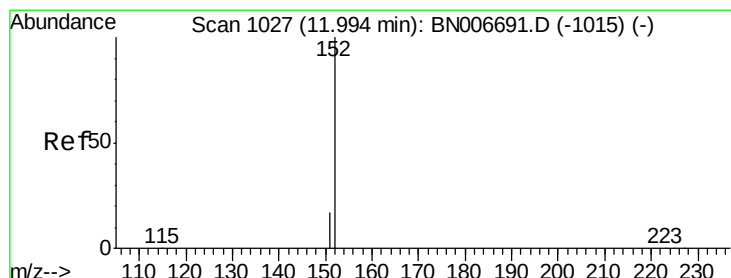


Abundance Ion 82.00 (81.70 to 82.70): BN006755.D (-687) (-)

Ion 128.00 (127.70 to 128.70): BN006755.D (-687) (-)

Ion 54.00 (53.70 to 54.70): BN006755.D (-687) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.382 ng

RT: 12.00 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BN006755.D

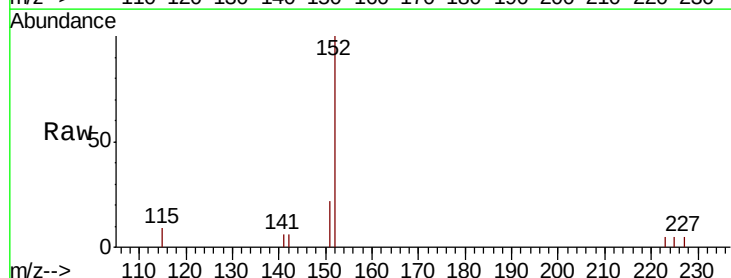
Acq: 08 Jul 2019 13:11

Tgt Ion: 152 Resp: 4847

Ion Ratio Lower Upper

152 100

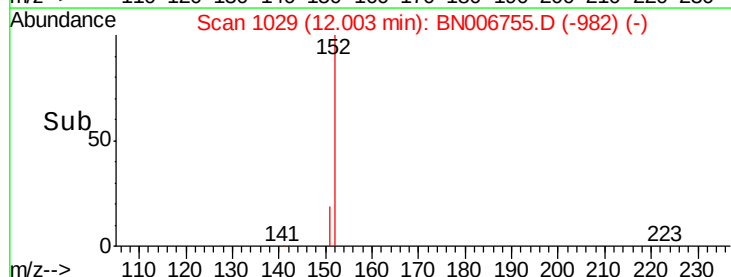
151 17.7 14.9 22.3



Abundance Ion 152.00 (151.70 to 152.70): BN006691.D (-1015) (-)

Ion 151.00 (150.70 to 151.70): BN006691.D (-1015) (-)

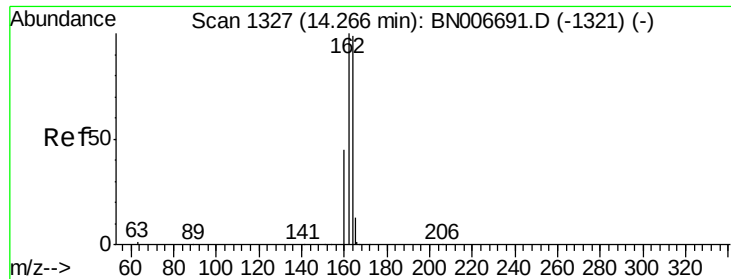
Time-->



Abundance Ion 152.00 (151.70 to 152.70): BN006755.D (-982) (-)

Ion 151.00 (150.70 to 151.70): BN006755.D (-982) (-)

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.25 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN006755.D

Acq: 08 Jul 2019 13:11

Instrument :

BNA_N

ClientSampleId :

PB121176BL

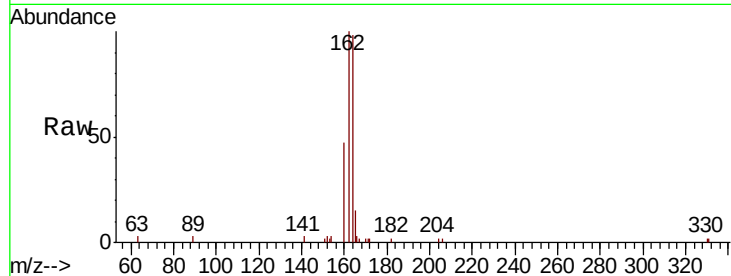
Tot Ion:164 Resp: 5457

Ion Ratio Lower Upper

164 100

162 101.6 80.8 121.2

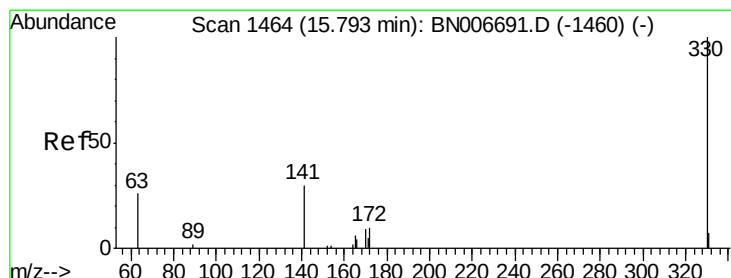
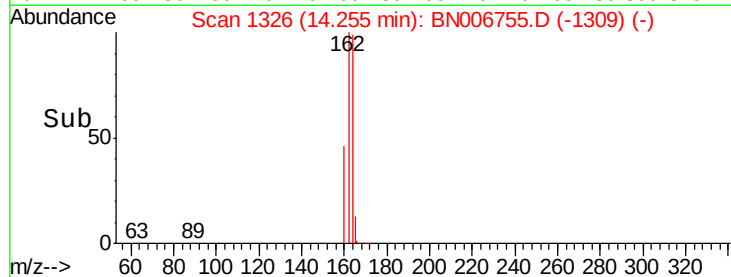
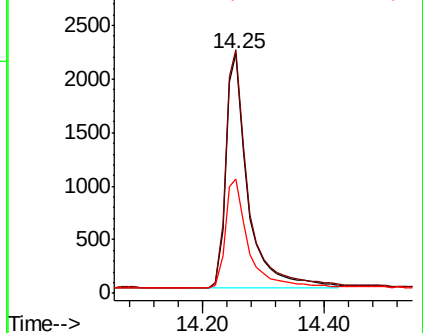
160 47.5 37.0 55.6



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: 0.176 ng

RT: 15.81 min Scan# 1466

Delta R.T. 0.02 min

Lab File: BN006755.D

Acq: 08 Jul 2019 13:11

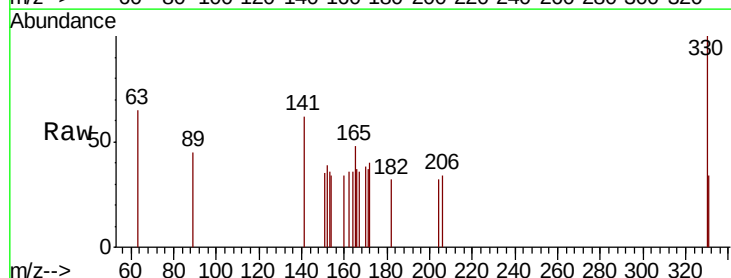
Tgt Ion:330 Resp: 473

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

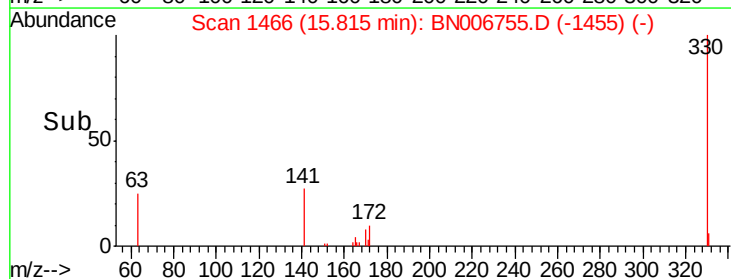
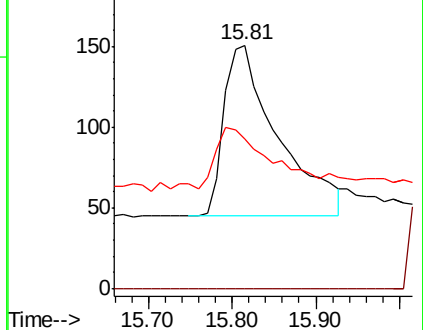
141 0.0 24.8 37.2#

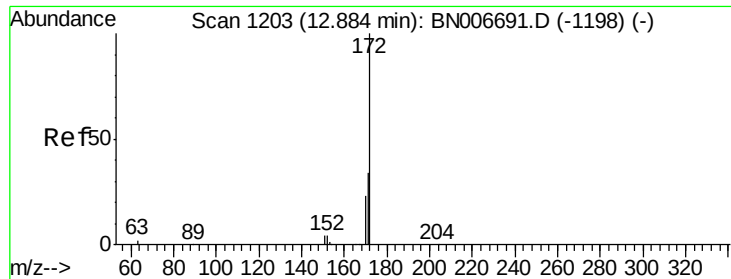


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

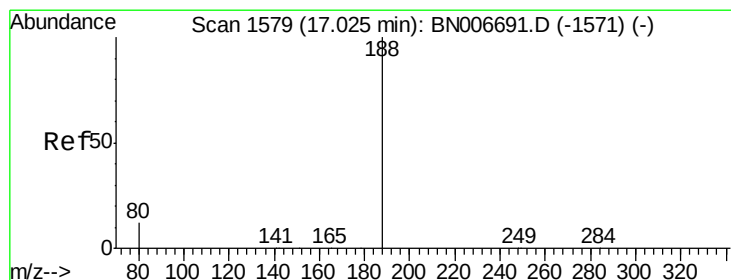
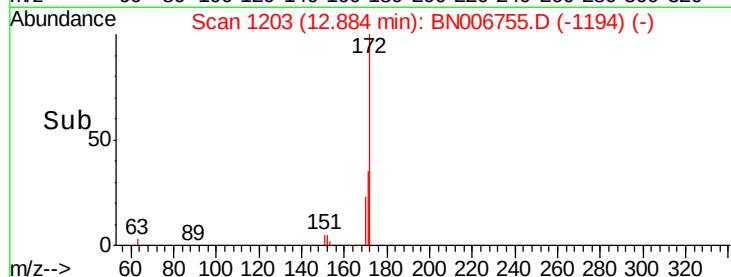
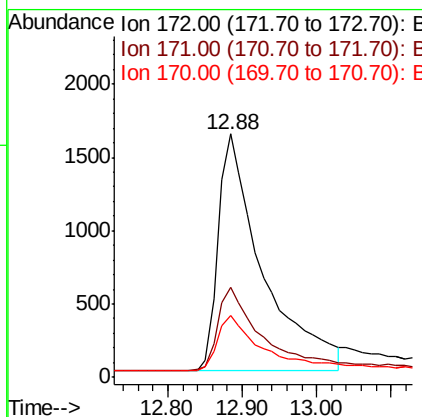
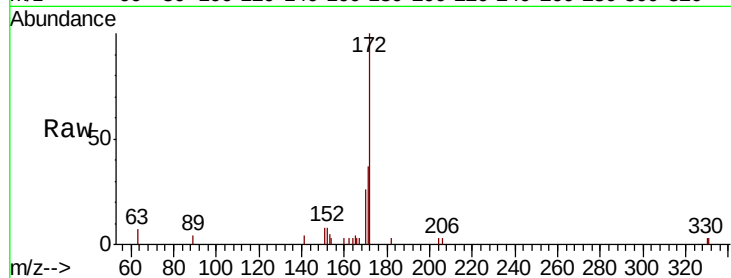




#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 12.88 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BN006755.D
Acq: 08 Jul 2019 13:11

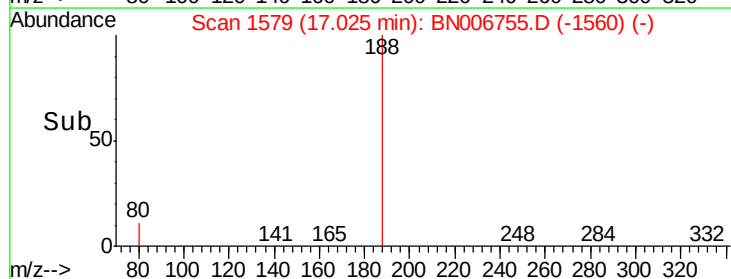
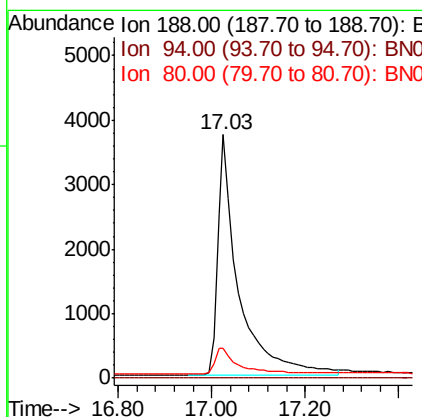
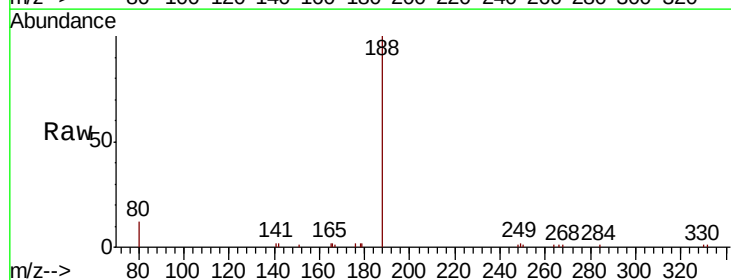
Instrument :
BNA_N
ClientSampleId :
PB121176BL

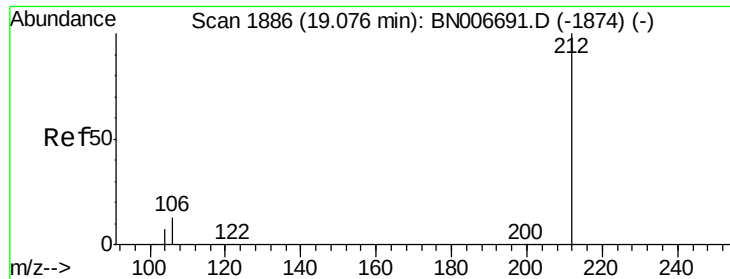
Tot Ion:172 Resp: 6675
Ion Ratio Lower Upper
172 100
171 37.1 27.8 41.6
170 25.6 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BN006755.D
Acq: 08 Jul 2019 13:11

Tgt Ion:188 Resp: 11646
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 10.3 15.5

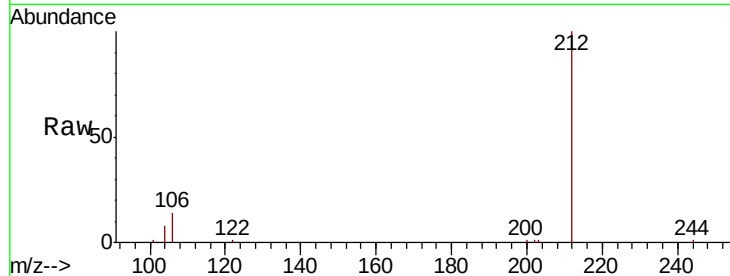




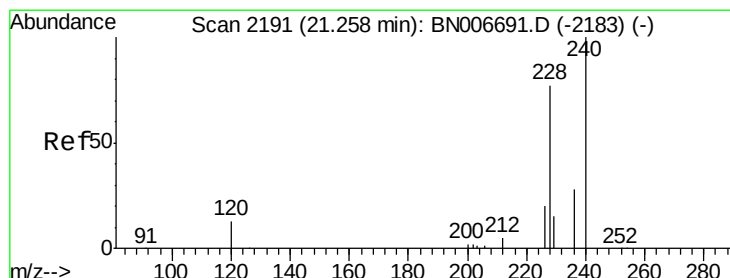
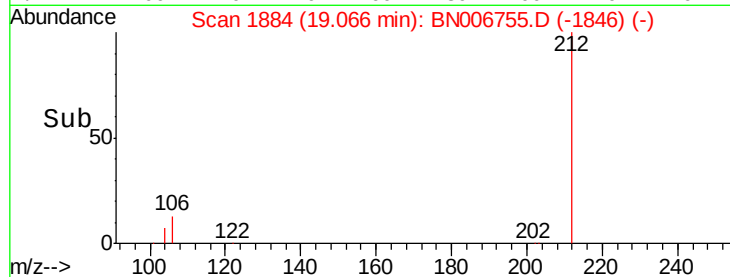
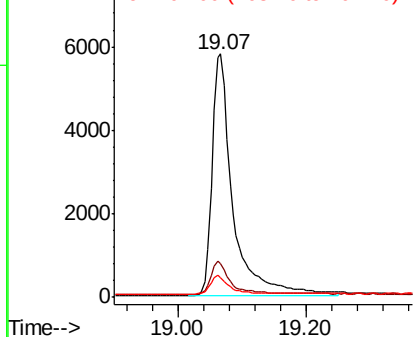
#25
Fluoranthene-d10
Concen: 0.391 ng
RT: 19.07 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BN006755.D
Acq: 08 Jul 2019 13:11

Instrument :
BNA_N
ClientSampleId :
PB121176BL

Tot Ion:212 Resp: 13027
Ion Ratio Lower Upper
212 100
106 12.8 11.0 16.6
104 7.1 6.1 9.1

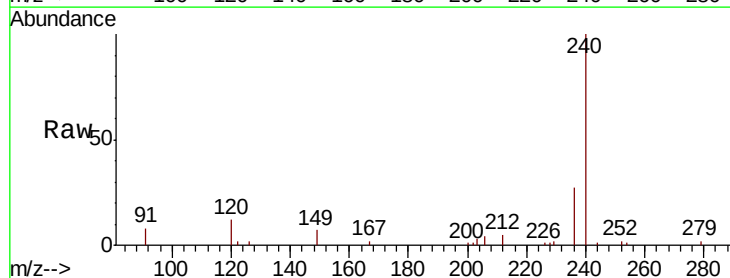


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

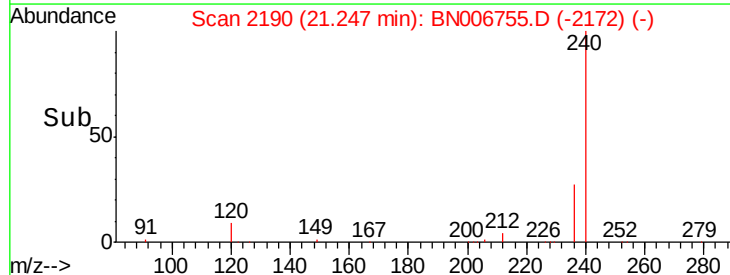
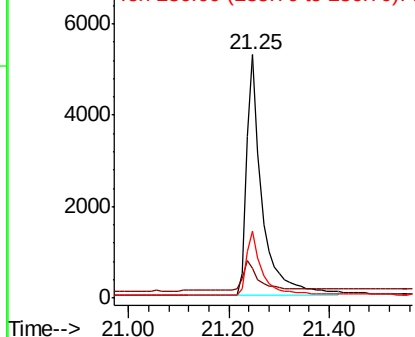


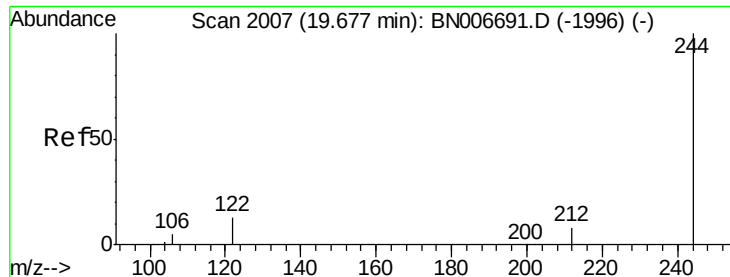
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BN006755.D
Acq: 08 Jul 2019 13:11

Tgt Ion:240 Resp: 11410
Ion Ratio Lower Upper
240 100
120 12.2 12.9 19.3#
236 27.4 23.2 34.8



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: 0.354 ng

RT: 19.66 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BN006755.D

Acq: 08 Jul 2019 13:11

Instrument :

BNA_N

ClientSampleId :

PB121176BL

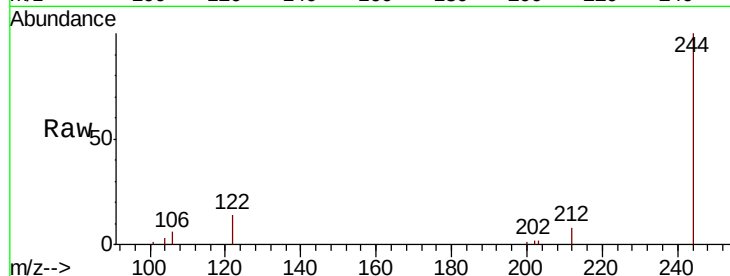
Tot Ion:244 Resp: 9305

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

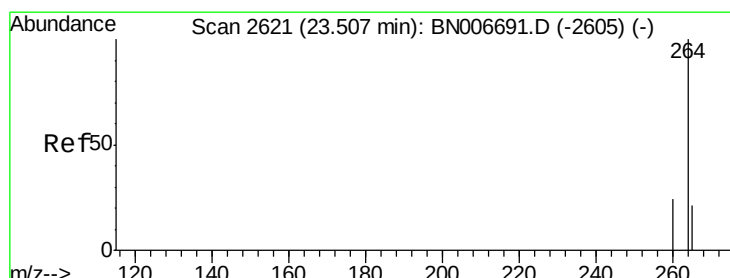
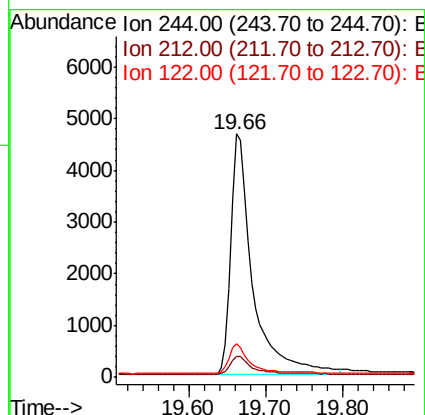
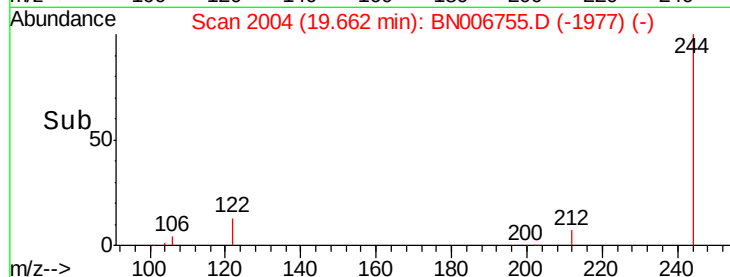
122 13.9 11.5 17.3



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: 23.47 min Scan# 2611

Delta R.T. -0.03 min

Lab File: BN006755.D

Acq: 08 Jul 2019 13:11

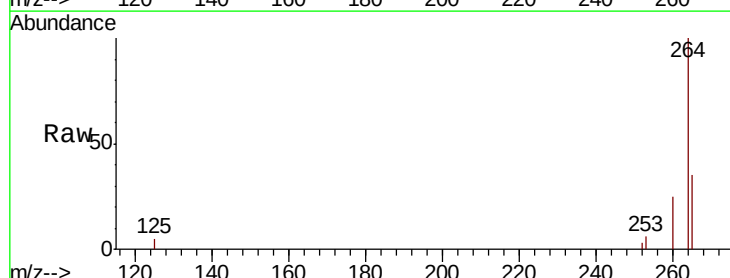
Tgt Ion:264 Resp: 13973

Ion Ratio Lower Upper

264 100

260 25.0 20.2 30.2

265 34.8 33.7 50.5



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

