

Data File : BN007170.D
Acq On : 14 Aug 2019 19:17
Operator : HP/JU
Sample : PB122169BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB122169BL

Quant Time: Aug 15 11:20:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	18067	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	73157	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	40026	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	85615	0.40	ng	0.00
26) Chrysene-d12	21.05	240	74208	0.40	ng	-0.01
32) Perylene-d12	23.16	264	85651	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	19690	0.45	ng	0.00
4) Phenol-d6	6.61	99	25719	0.48	ng	0.00
7) Nitrobenzene-d5	8.55	82	18578	0.31	ng	-0.01
10) 2-Methylnaphthalene-d10	11.79	152	37660	0.28	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	3529	0.16	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	5539	0.10	ng	0.00
24) Fluoranthene-d10	18.87	212	78132	0.26	ng	0.00
28) Terphenyl-d14	19.49	244	59964	0.30	ng	-0.01

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

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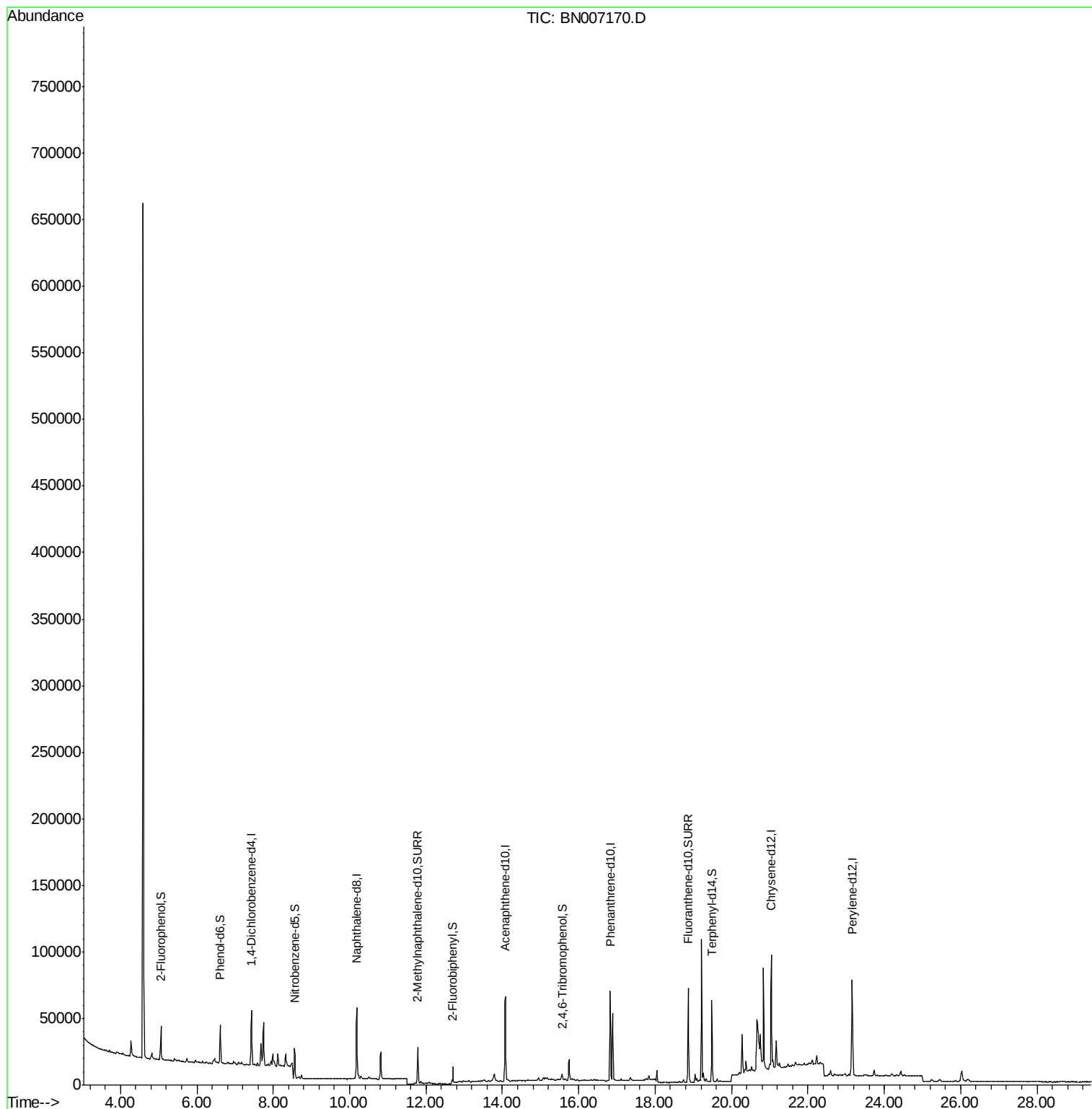
Quant Time: Aug 15 11:20:06 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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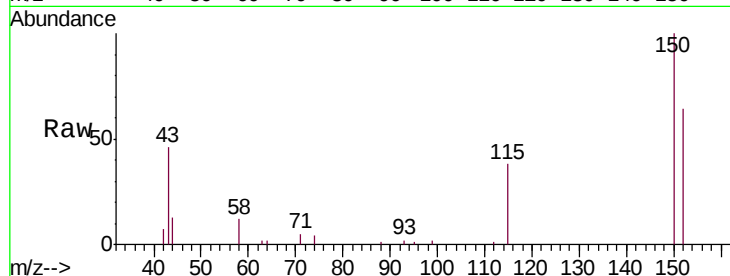


#1

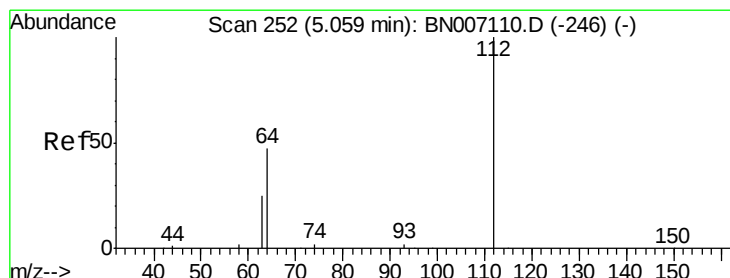
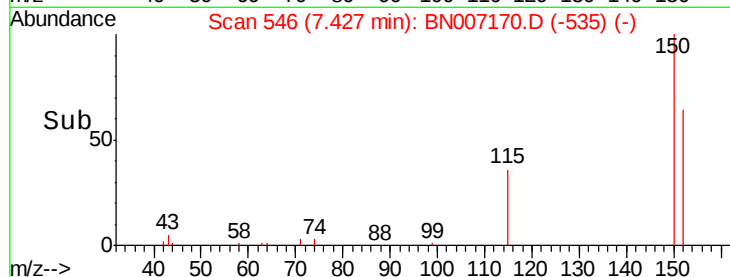
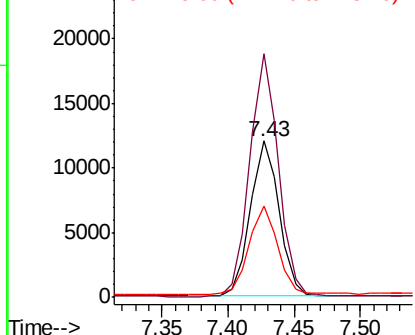
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.43 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BN007170.D
 Acq: 14 Aug 2019 19:17

Instrument :
 BNA_N
 ClientSampleId :
 PB122169BL

Tgt Ion:152 Resp: 18067
 Ion Ratio Lower Upper
 152 100
 150 155.9 121.7 182.5
 115 58.7 46.2 69.4



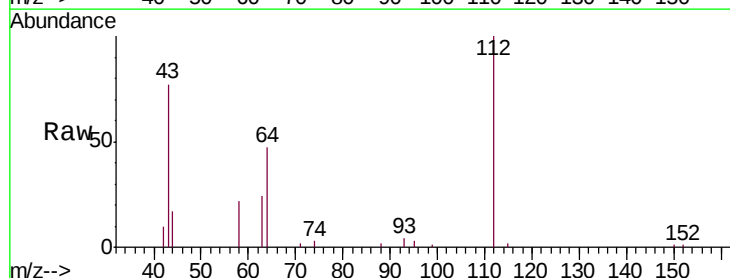
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



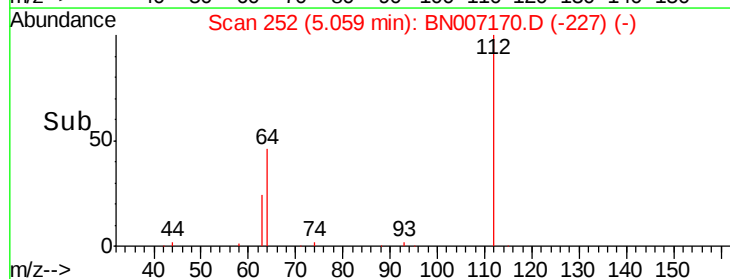
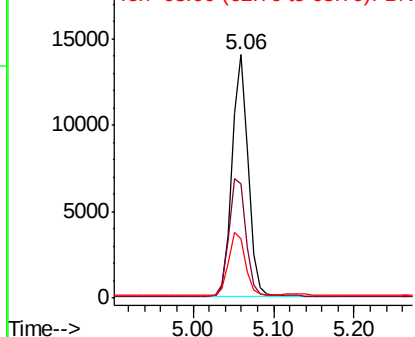
#3

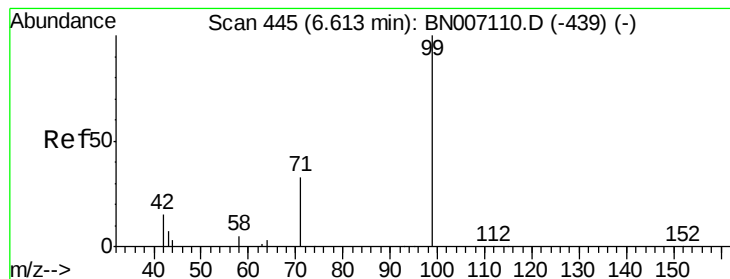
2-Fluorophenol
 Concen: 0.454 ng
 RT: 5.06 min Scan# 252
 Delta R.T. -0.00 min
 Lab File: BN007170.D
 Acq: 14 Aug 2019 19:17

Tgt Ion:112 Resp: 19690
 Ion Ratio Lower Upper
 112 100
 64 52.1 42.6 63.8
 63 27.1 22.2 33.2



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





#4

Phenol-d6

Concen: 0.478 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007170.D

Acq: 14 Aug 2019 19:17

Instrument :

BNA_N

ClientSampleId :

PB122169BL

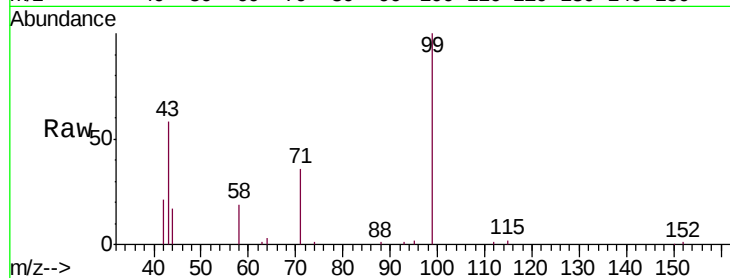
Tgt Ion: 99 Resp: 25719

Ion Ratio Lower Upper

99 100

42 16.5 15.8 23.6

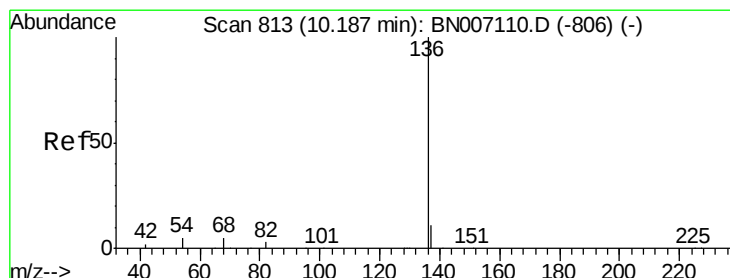
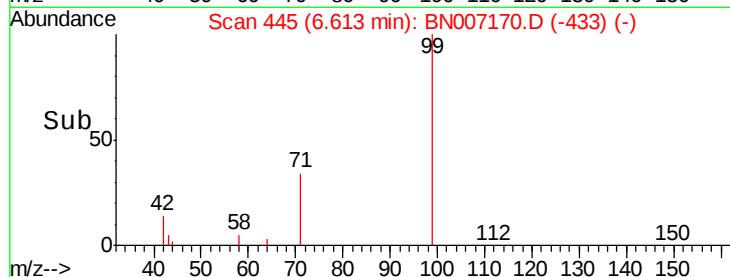
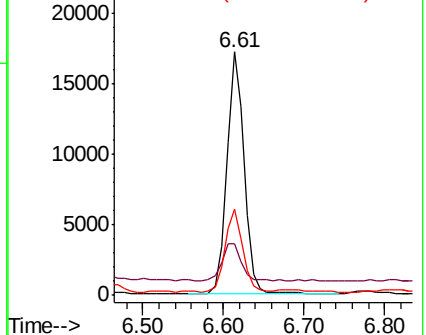
71 34.7 27.0 40.4



Abundance Ion 99.00 (98.70 to 99.70): BN007170.D (-439) (-)

Ion 42.00 (41.70 to 42.70): BN007170.D (-439) (-)

Ion 71.00 (70.70 to 71.70): BN007170.D (-439) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007170.D

Acq: 14 Aug 2019 19:17

Tgt Ion: 136 Resp: 73157

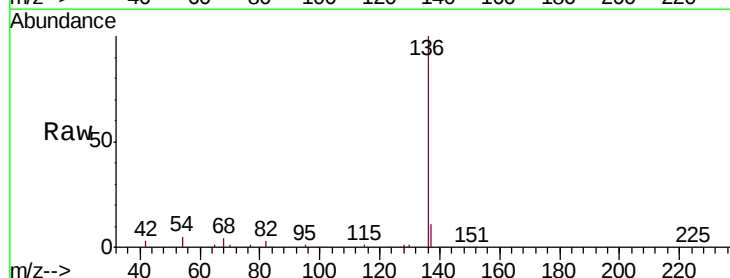
Ion Ratio Lower Upper

136 100

137 11.0 9.4 14.0

54 4.6 6.6 9.8#

68 4.4 6.0 9.0#

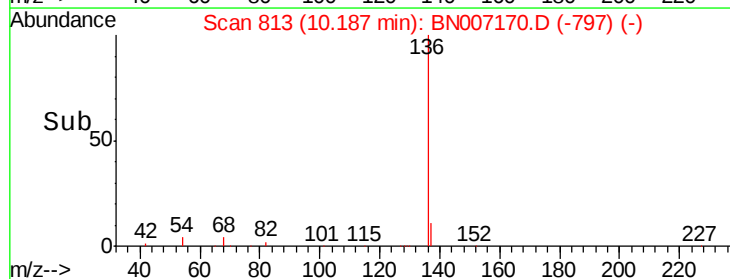
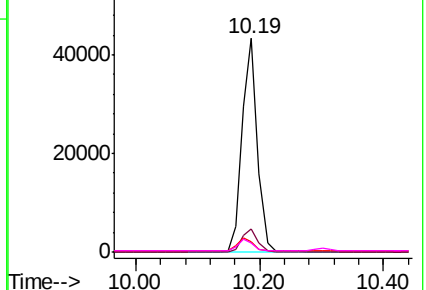


Abundance Ion 136.00 (135.70 to 136.70): BN007170.D (-797) (-)

Ion 137.00 (136.70 to 137.70): BN007170.D (-797) (-)

Ion 54.00 (53.70 to 54.70): BN007170.D (-797) (-)

Ion 68.00 (67.70 to 68.70): BN007170.D (-797) (-)





#7

Nitrobenzene-d5

Concen: 0.315 ng

RT: 8.55 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN007170.D

Acq: 14 Aug 2019 19:17

Instrument :

BNA_N

ClientSampleId :

PB122169BL

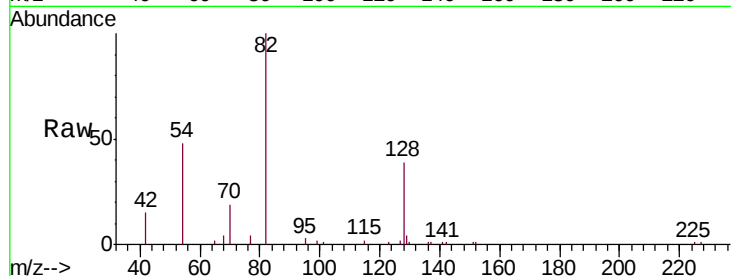
Tgt Ion: 82 Resp: 18578

Ion Ratio Lower Upper

82 100

128 38.6 34.6 51.8

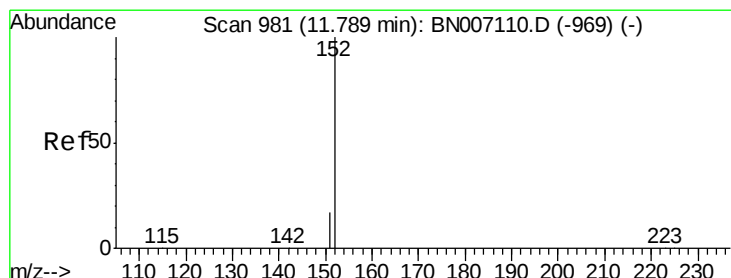
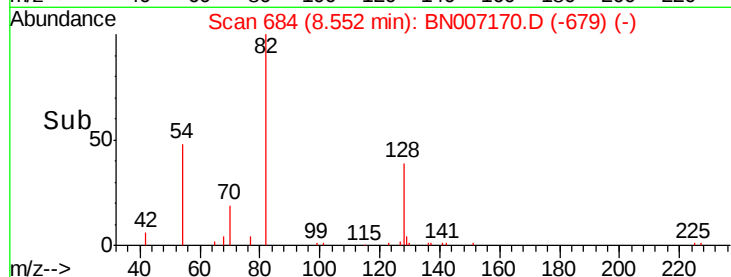
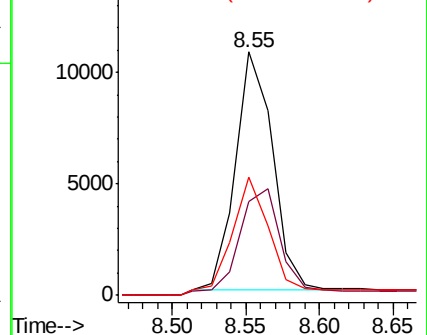
54 48.5 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#10

2-Methylnaphthalene-d10

Concen: 0.276 ng

RT: 11.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BN007170.D

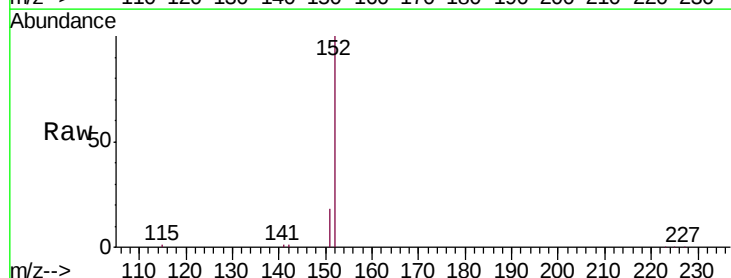
Acq: 14 Aug 2019 19:17

Tgt Ion: 152 Resp: 37660

Ion Ratio Lower Upper

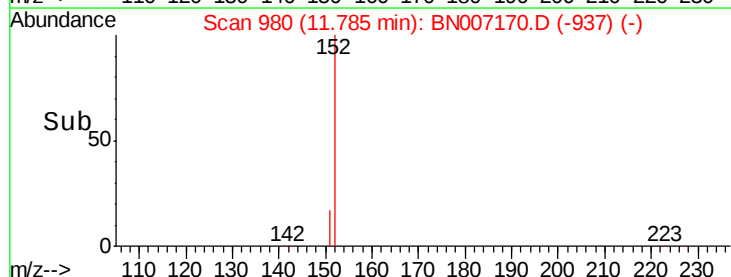
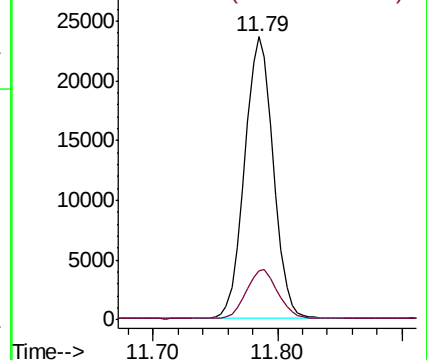
152 100

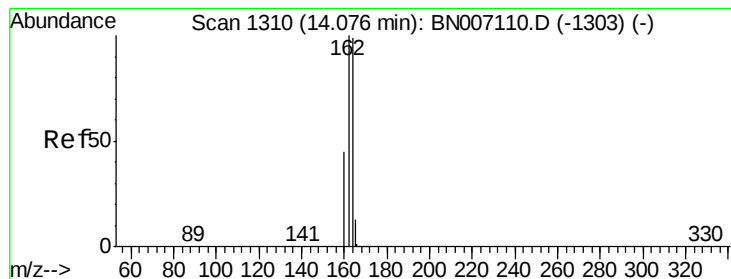
151 19.1 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC





#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.08 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN007170.D

Acq: 14 Aug 2019 19:17

Instrument :

BNA_N

ClientSampleId :

PB122169BL

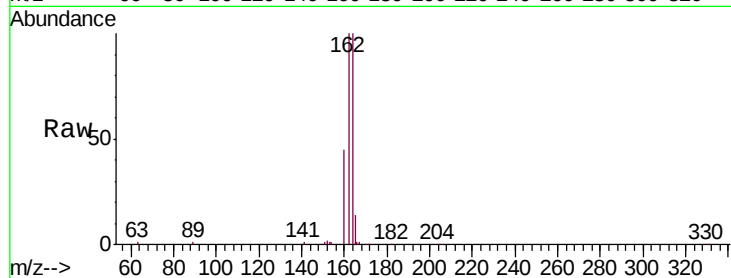
Tgt Ion:164 Resp: 40026

Ion Ratio Lower Upper

164 100

162 100.5 82.2 123.4

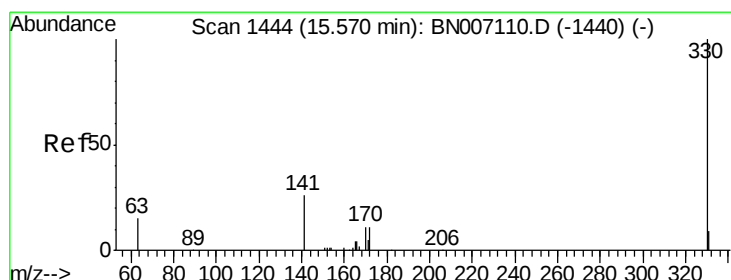
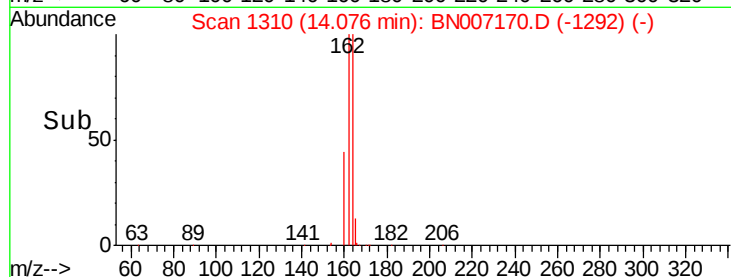
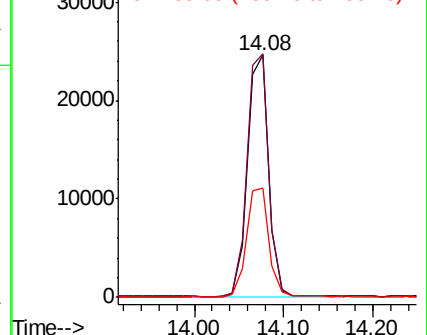
160 44.8 38.3 57.5



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



#13

2,4,6-Tribromophenol

Concen: 0.164 ng

RT: 15.57 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BN007170.D

Acq: 14 Aug 2019 19:17

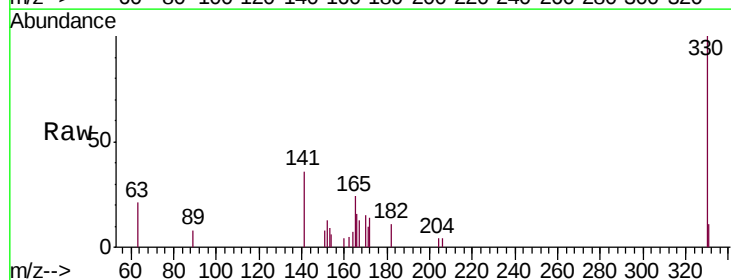
Tgt Ion:330 Resp: 3529

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

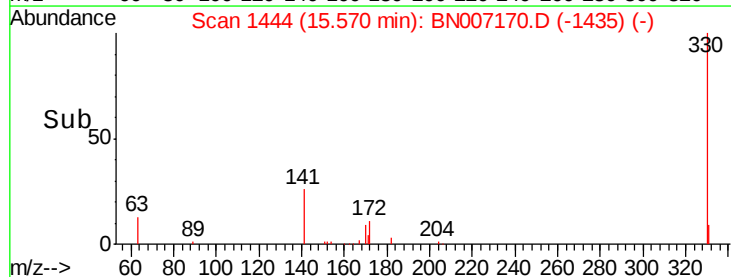
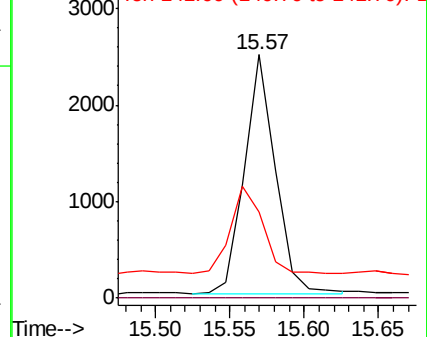
141 38.1 33.6 50.4

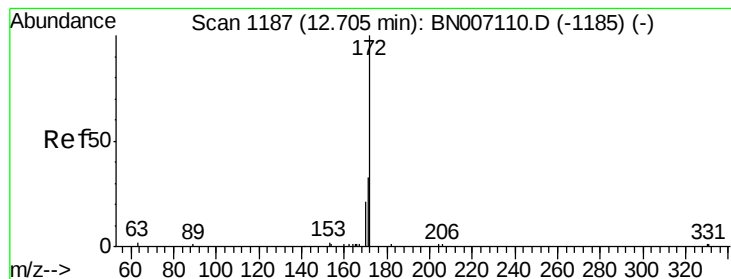


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 0.095 ng

RT: 12.71 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BN007170.D

Acq: 14 Aug 2019 19:17

Instrument :

BNA_N

ClientSampleId :

PB122169BL

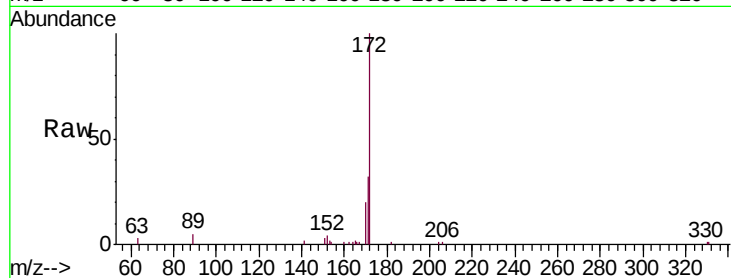
Tgt Ion:172 Resp: 5539

Ion Ratio Lower Upper

172 100

171 32.5 26.3 39.5

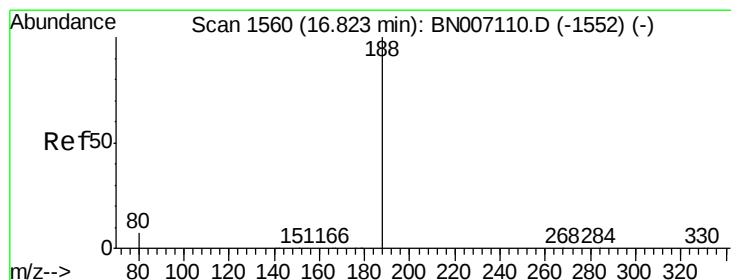
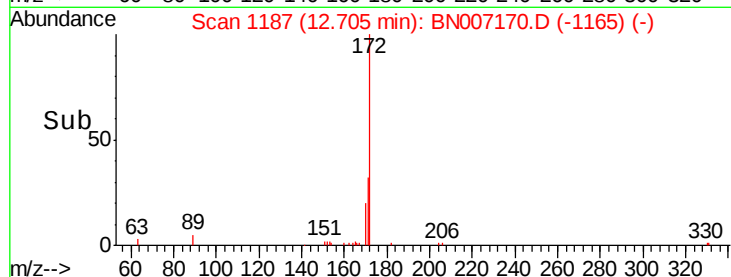
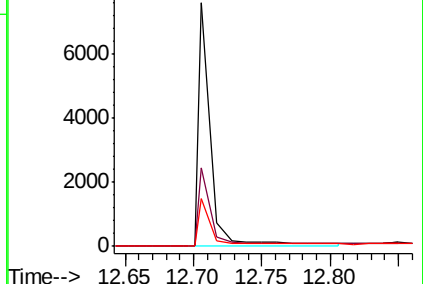
170 19.6 17.0 25.4



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



#18

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.82 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN007170.D

Acq: 14 Aug 2019 19:17

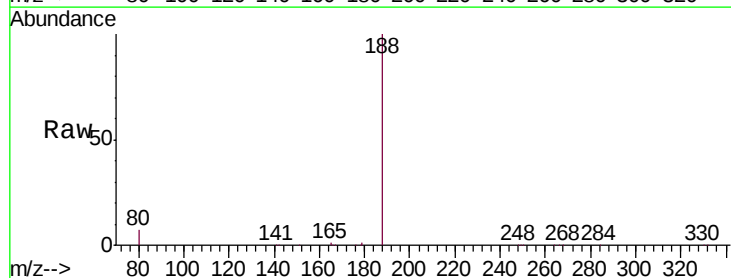
Tgt Ion:188 Resp: 85615

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

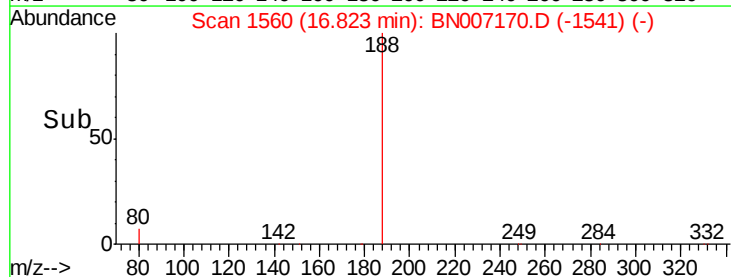
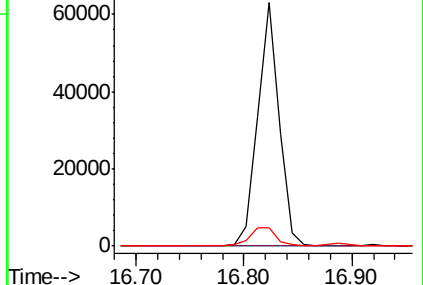
80 7.3 7.8 11.6#

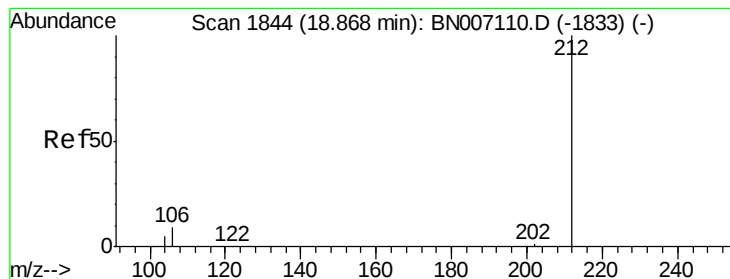


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#24

Fluoranthene-d10

Concen: 0.257 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

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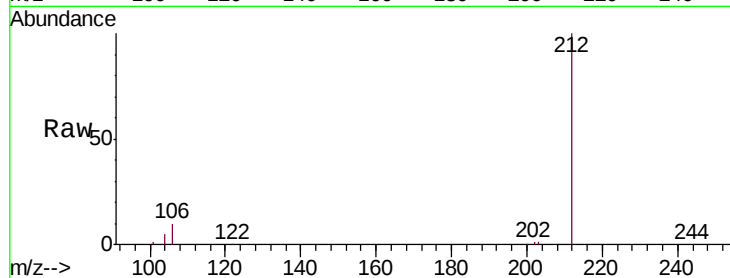
Tgt Ion:212 Resp: 78132

Ion Ratio Lower Upper

212 100

106 10.3 8.2 12.2

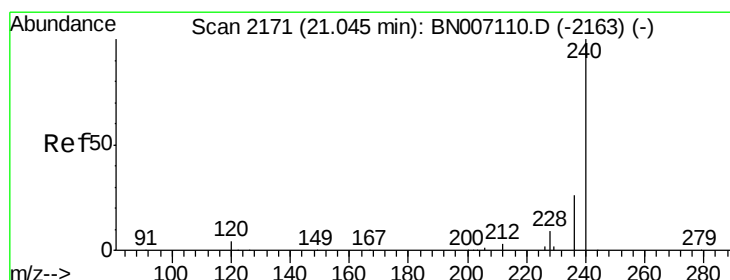
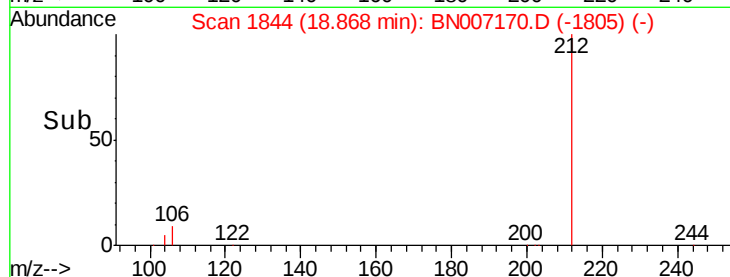
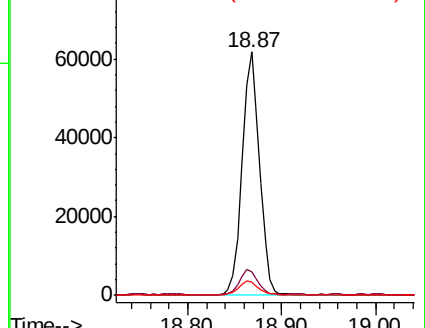
104 5.8 4.5 6.7



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



#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.05 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN007170.D

Acq: 14 Aug 2019 19:17

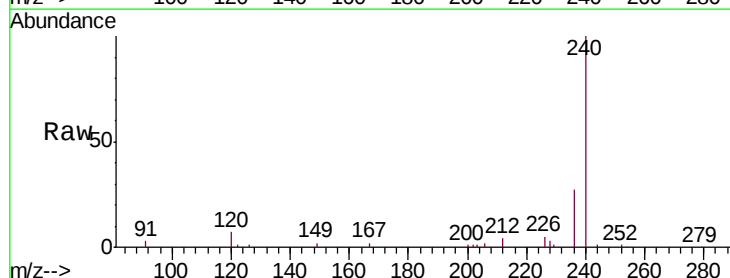
Tgt Ion:240 Resp: 74208

Ion Ratio Lower Upper

240 100

120 6.6 4.0 6.0#

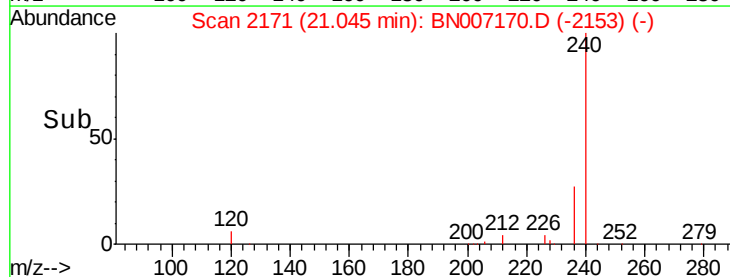
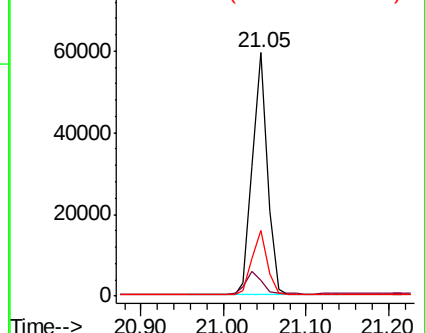
236 27.0 21.3 31.9

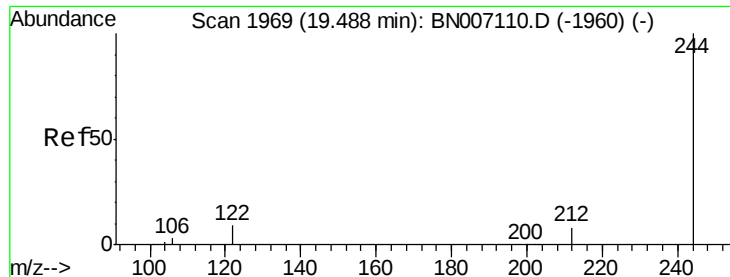


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Terphenyl-d14

Concen: 0.297 ng

RT: 19.49 min Scan# 1969

Delta R.T. -0.01 min

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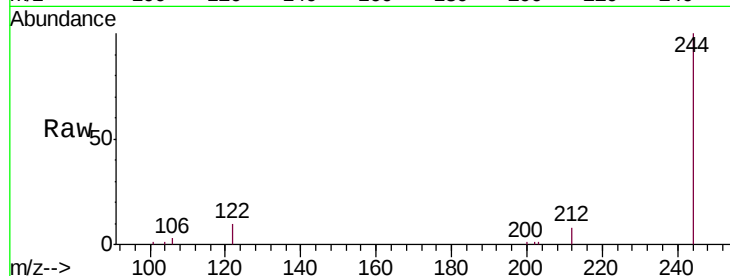
Tgt Ion:244 Resp: 59964

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

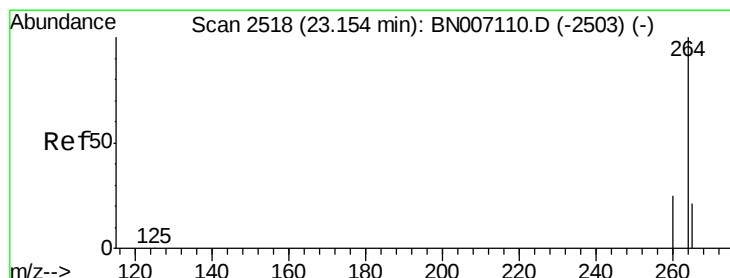
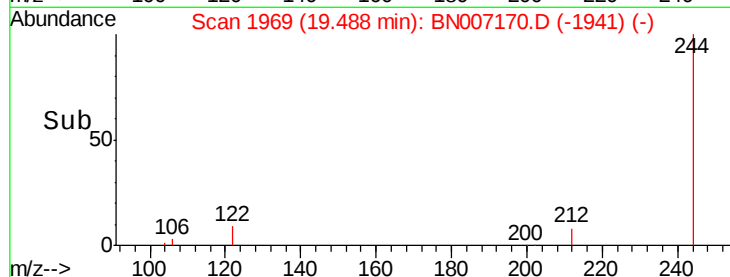
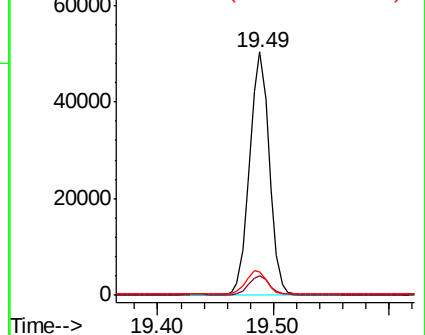
122 9.8 7.4 11.2



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



#32

Perylene-d12

Concen: 0.400 ng

RT: 23.16 min Scan# 2520

Delta R.T. -0.01 min

Lab File: BN007170.D

Acq: 14 Aug 2019 19:17

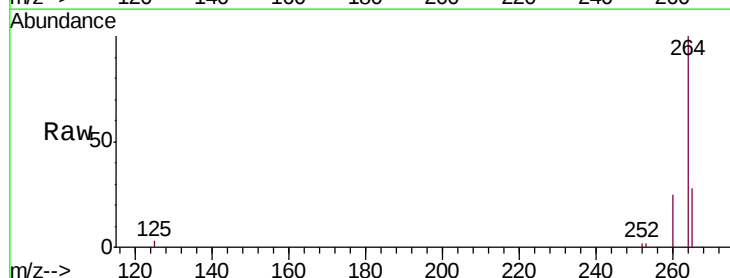
Tgt Ion:264 Resp: 85651

Ion Ratio Lower Upper

264 100

260 24.9 19.8 29.8

265 27.6 26.2 39.4



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

