

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090920\
 Data File : BN011778.D
 Acq On : 10 Sep 2020 03:00
 Operator : CG/JU
 Sample : PB131431BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131431BL

Quant Time: Sep 10 05:11:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 09 10:54:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2312	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	8152	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	4535	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	10293	0.40	ng	0.00
29) Chrysene-d12	21.30	240	10160	0.40	ng	-0.01
36) Perylene-d12	23.55	264	9990	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	2041	0.31	ng	0.00
5) Phenol-d6	6.89	99	2416	0.27	ng	0.00
8) Nitrobenzene-d5	8.87	82	2676	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.10	152	4311	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	644	0.29	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	6313	0.33	ng	0.00
27) Fluoranthene-d10	19.15	212	9252	0.28	ng	0.00
31) Terphenyl-d14	19.75	244	8327	0.33	ng	0.00

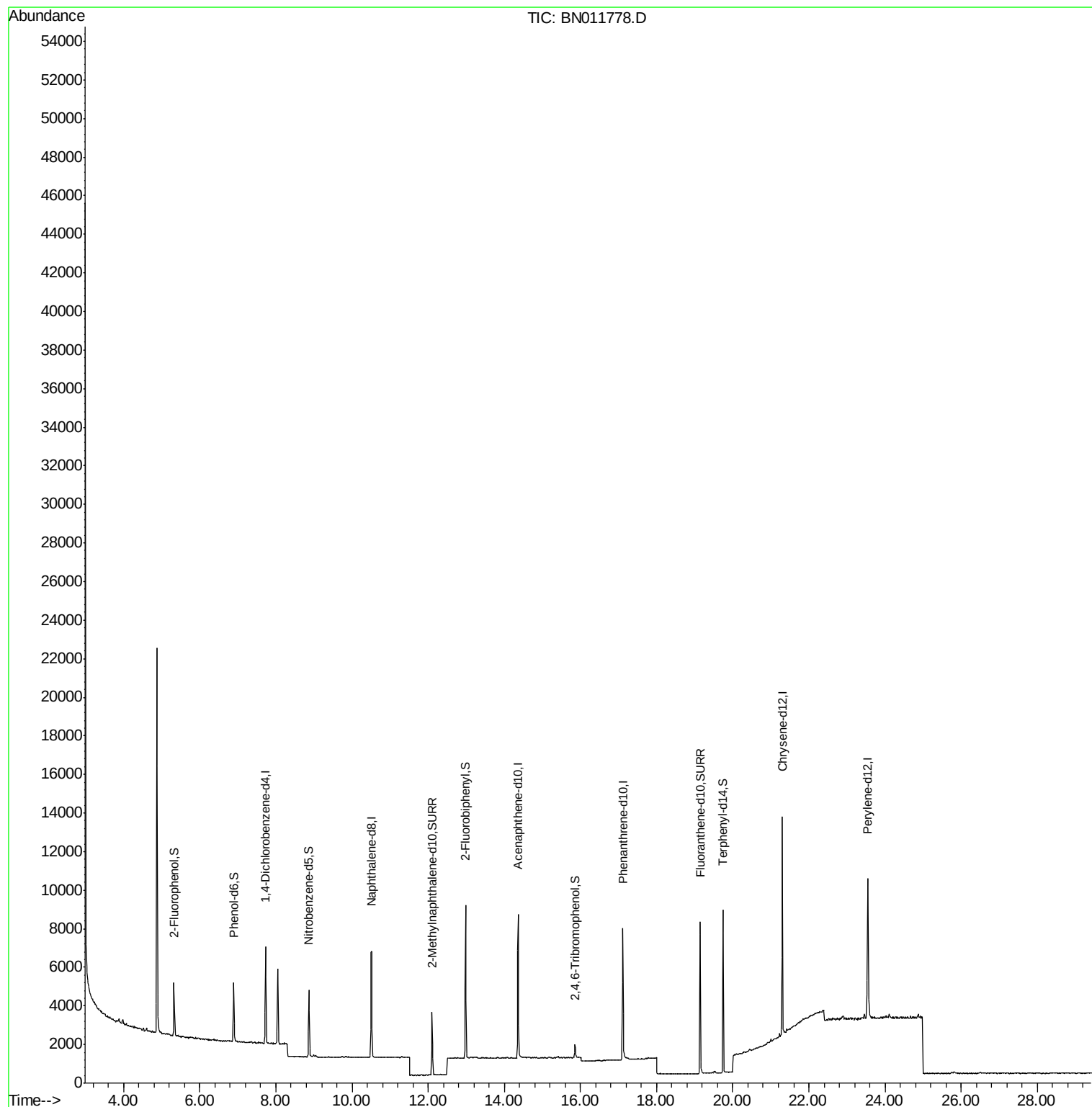
Target Compounds	Qvalue

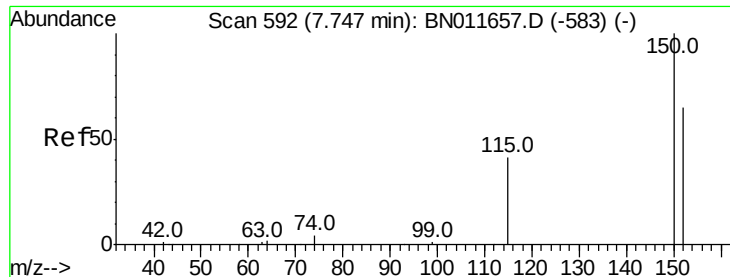
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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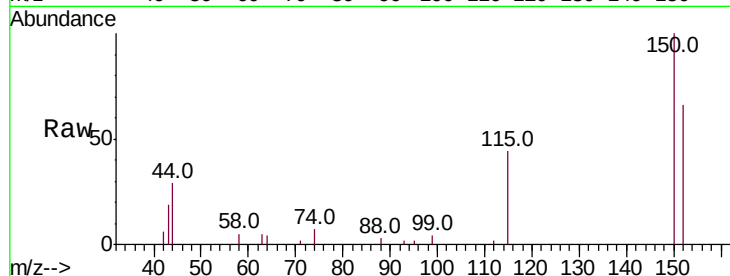


#1

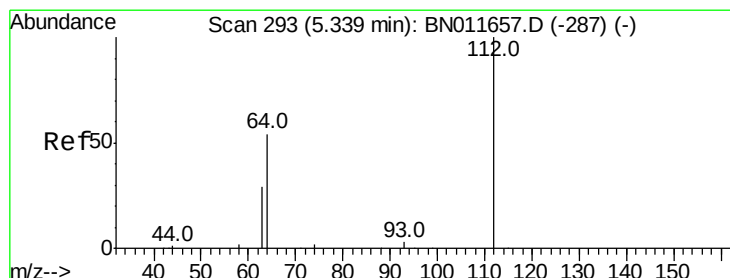
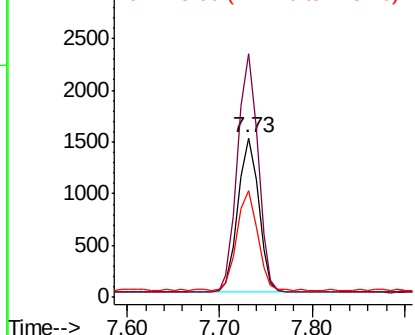
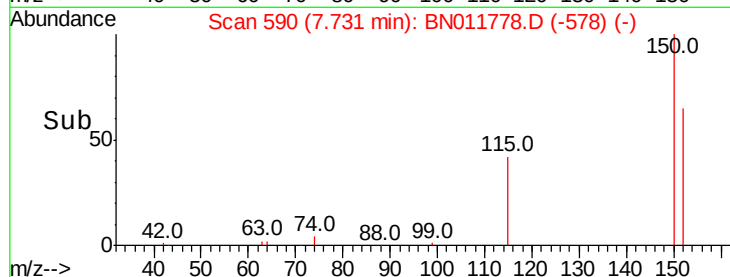
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 590
Delta R.T. 0.00 min
Lab File: BN011778.D
Acq: 10 Sep 2020 03:00

Instrument :
BNA_N
ClientSampleId :
PB131431BL

Tot Ion:152 Resp: 2312
Ion Ratio Lower Upper
152 100
150 152.6 121.0 181.6
115 67.0 52.6 78.8



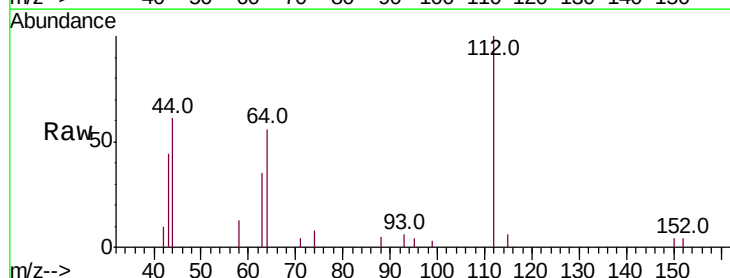
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



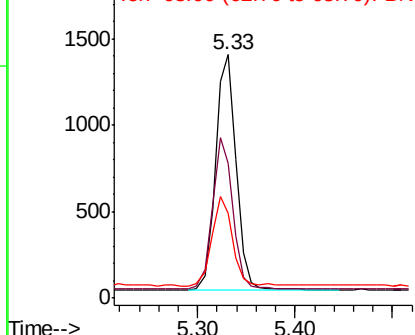
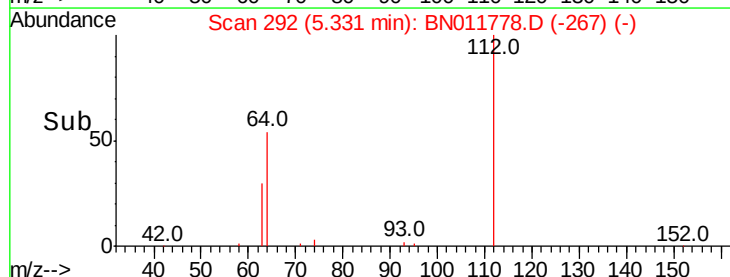
#4

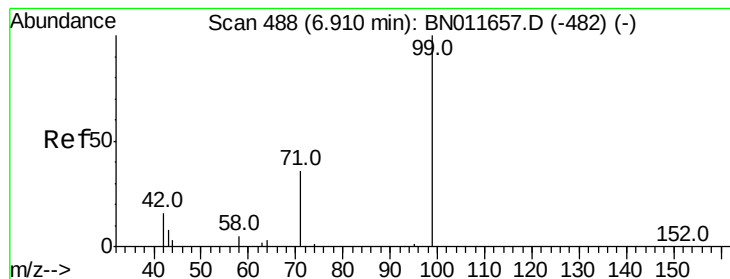
2-Fluorophenol
Concen: 0.312 ng
RT: 5.33 min Scan# 292
Delta R.T. 0.00 min
Lab File: BN011778.D
Acq: 10 Sep 2020 03:00

Tgt Ion:112 Resp: 2041
Ion Ratio Lower Upper
112 100
64 62.4 49.7 74.5
63 37.0 29.4 44.0



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: 0.272 ng

RT: 6.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN011778.D

Acq: 10 Sep 2020 03:00

Instrument :

BNA_N

ClientSampleId :

PB131431BL

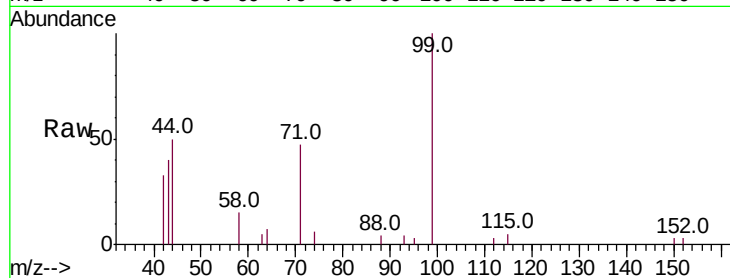
Tot Ion: 99 Resp: 2416

Ion Ratio Lower Upper

99 100

42 28.4 20.2 30.2

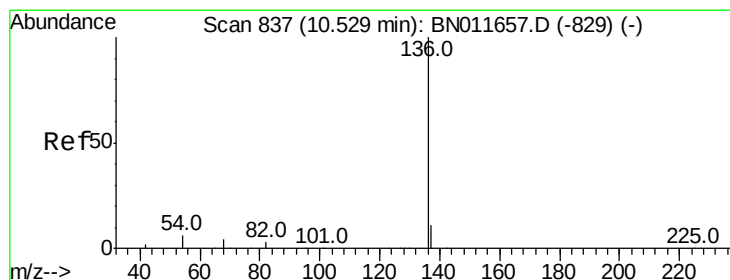
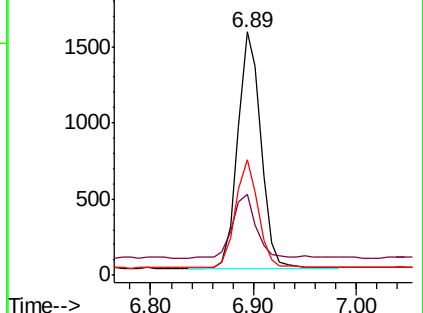
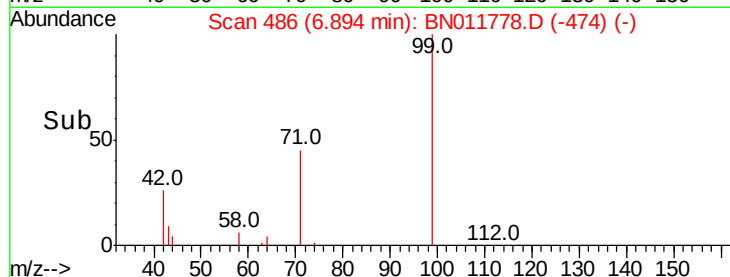
71 44.6 33.3 49.9



Abundance Ion 99.00 (98.70 to 99.70): BN011657.D (-482) (-)

Ion 42.00 (41.70 to 42.70): BN011657.D (-482) (-)

Ion 71.00 (70.70 to 71.70): BN011657.D (-482) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN011778.D

Acq: 10 Sep 2020 03:00

Tgt Ion: 136 Resp: 8152

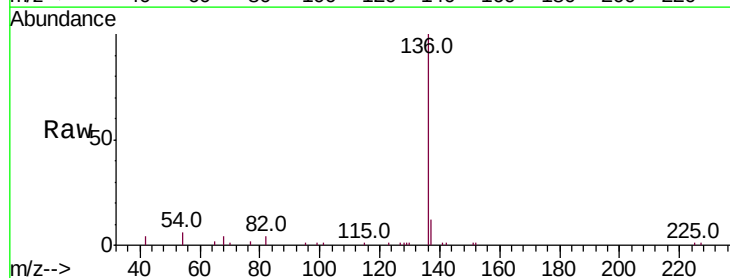
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 5.7 5.8 8.8#

68 3.7 4.1 6.1#

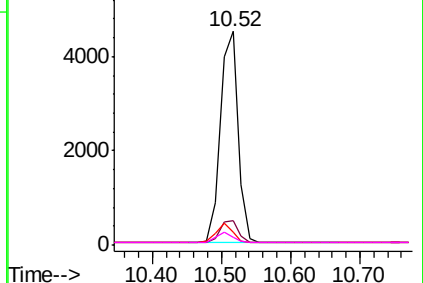
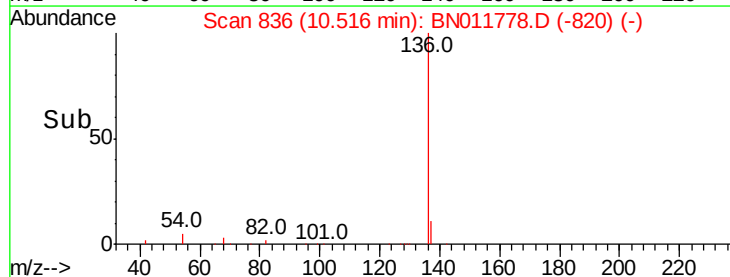


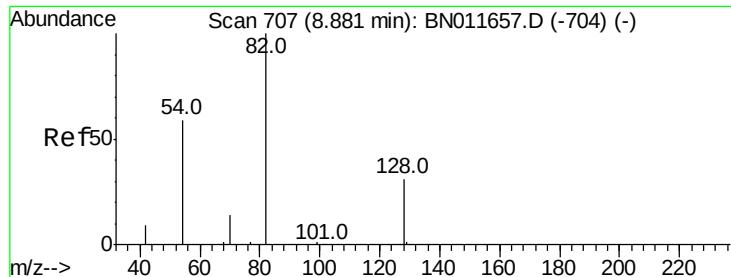
Abundance Ion 136.00 (135.70 to 136.70): BN011657.D (-829) (-)

Ion 137.00 (136.70 to 137.70): BN011657.D (-829) (-)

Ion 54.00 (53.70 to 54.70): BN011657.D (-829) (-)

Ion 68.00 (67.70 to 68.70): BN011657.D (-829) (-)





#8

Nitrobenzene-d5

Concen: 0.339 ng

RT: 8.87 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN011778.D

Acq: 10 Sep 2020 03:00

Instrument :

BNA_N

ClientSampleId :

PB131431BL

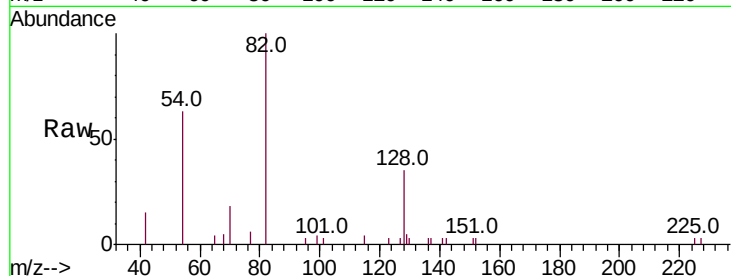
Tot Ion: 82 Resp: 2676

Ion Ratio Lower Upper

82 100

128 34.9 26.2 39.2

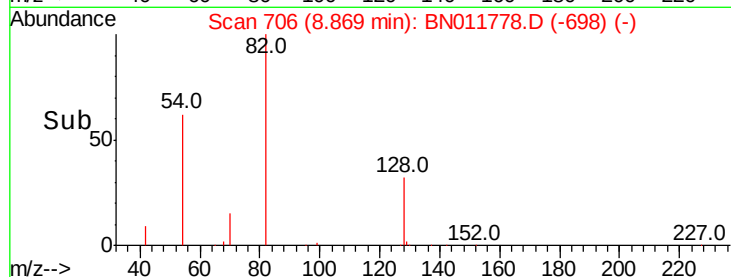
54 63.3 48.2 72.4



Abundance Ion 82.00 (81.70 to 82.70): BN011778.D (-698) (-)

Ion 128.00 (127.70 to 128.70): BN011778.D (-698) (-)

Ion 54.00 (53.70 to 54.70): BN011778.D (-698) (-)



8.87

1500

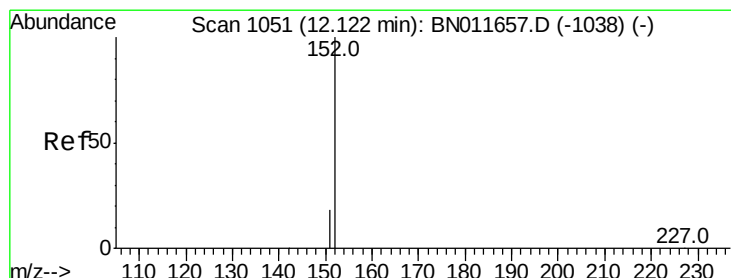
1000

500

0

8.80 8.85 8.90 8.95

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.293 ng

RT: 12.10 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BN011778.D

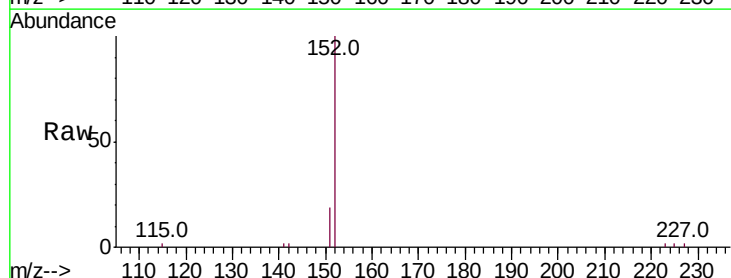
Acq: 10 Sep 2020 03:00

Tgt Ion: 152 Resp: 4311

Ion Ratio Lower Upper

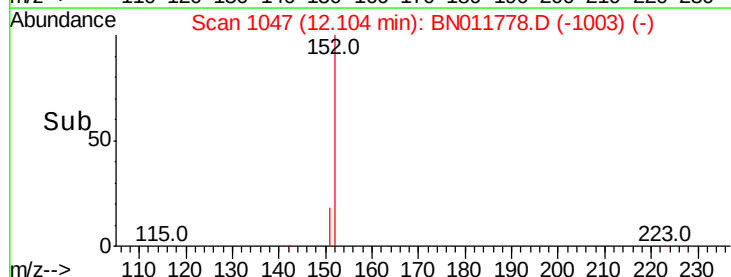
152 100

151 20.8 16.7 25.1



Abundance Ion 152.00 (151.70 to 152.70): BN011778.D (-1003) (-)

Ion 151.00 (150.70 to 151.70): BN011778.D (-1003) (-)



3000

2500

2000

1500

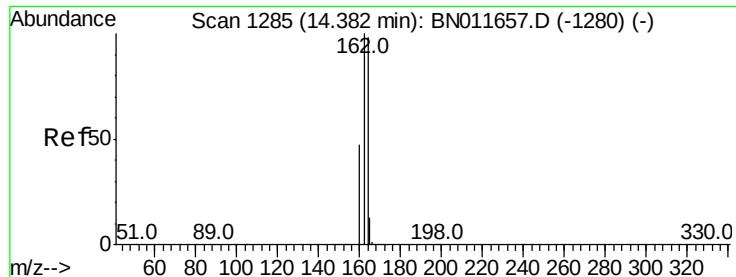
1000

500

0

12.05 12.10 12.15

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BN011778.D

Acq: 10 Sep 2020 03:00

Instrument :

BNA_N

ClientSampleId :

PB131431BL

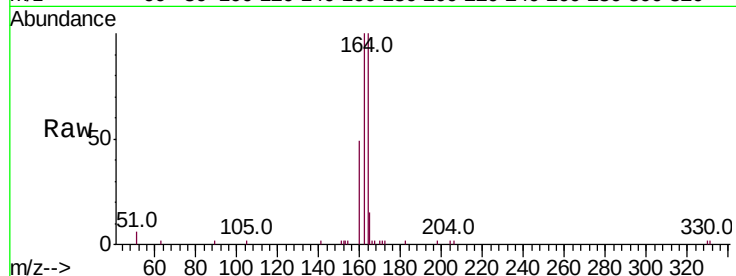
Tot Ion:164 Resp: 4535

Ion Ratio Lower Upper

164 100

162 100.0 81.4 122.0

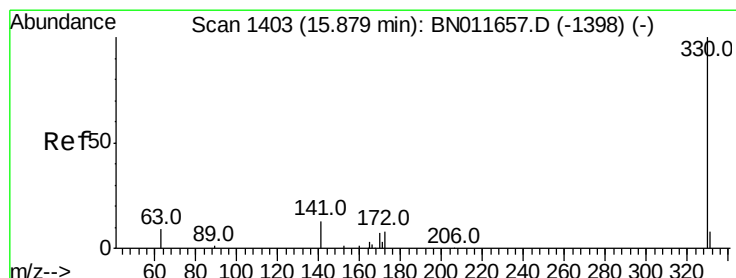
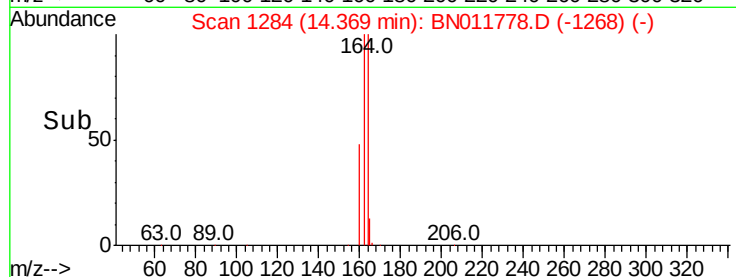
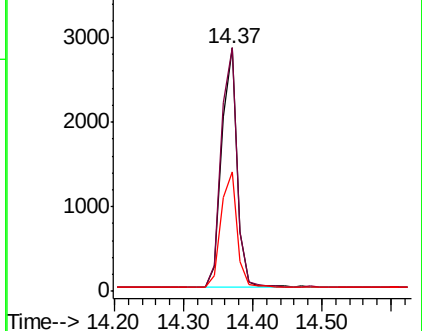
160 49.1 38.5 57.7



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: 0.292 ng

RT: 15.85 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BN011778.D

Acq: 10 Sep 2020 03:00

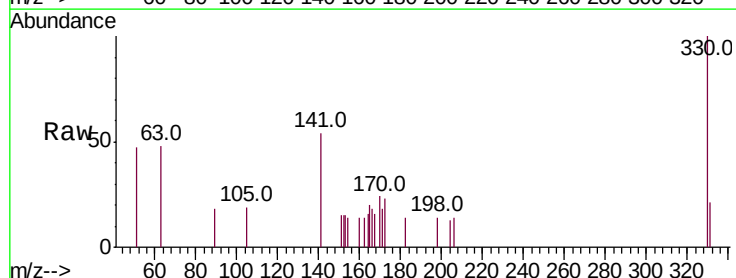
Tgt Ion:330 Resp: 644

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

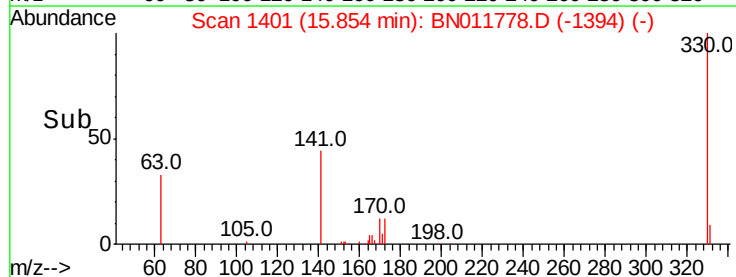
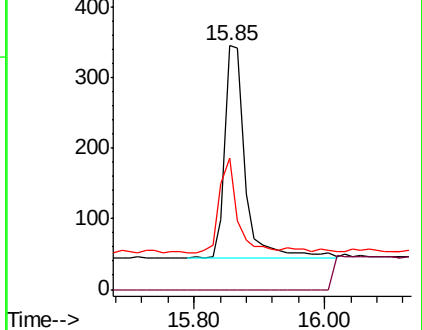
141 40.7 29.8 44.8

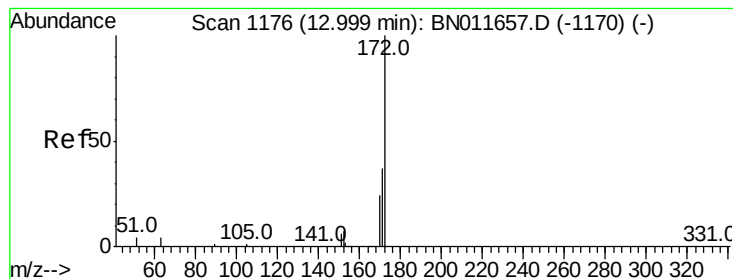


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.329 ng

RT: 12.99 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BN011778.D

Acq: 10 Sep 2020 03:00

Instrument :

BNA_N

ClientSampleId :

PB131431BL

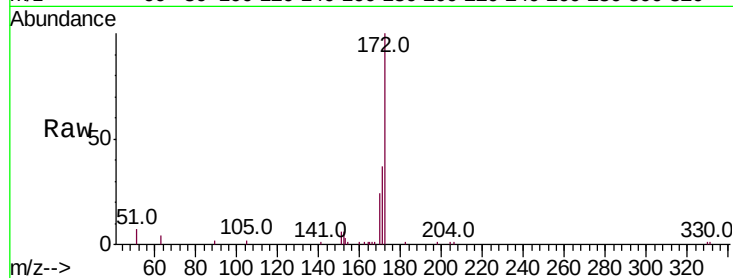
Tot Ion:172 Resp: 6313

Ion Ratio Lower Upper

172 100

171 37.0 30.0 45.0

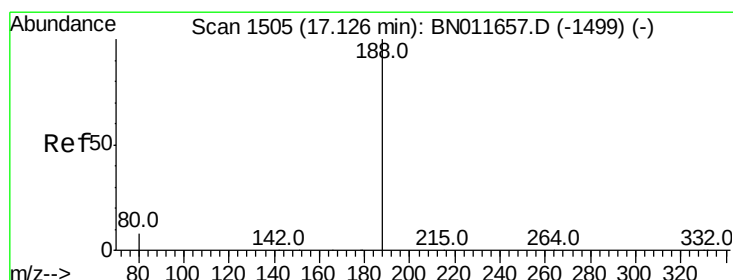
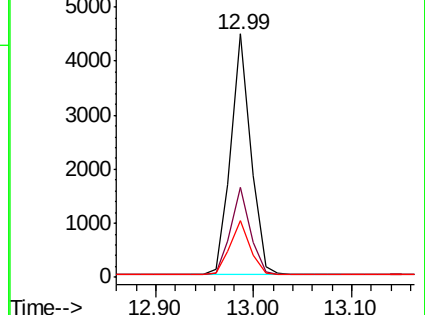
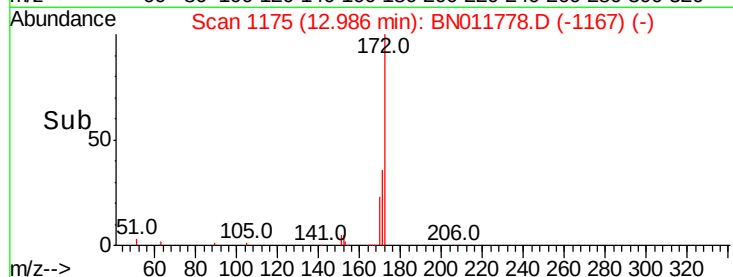
170 23.5 20.1 30.1



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: 17.11 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BN011778.D

Acq: 10 Sep 2020 03:00

Tgt Ion:188 Resp: 10293

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

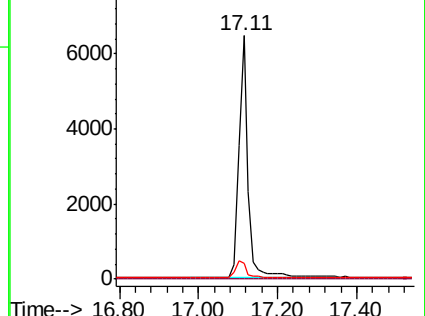
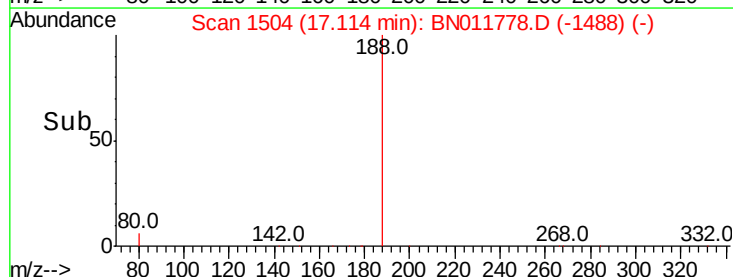
80 6.3 6.6 9.8#

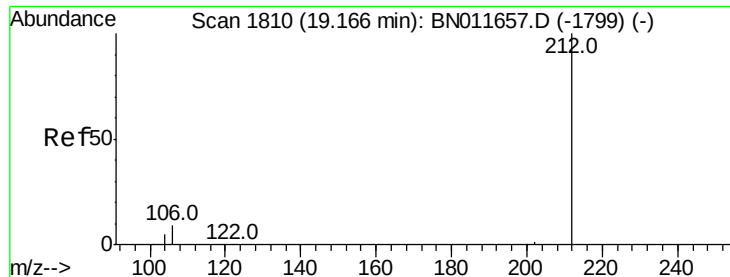


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

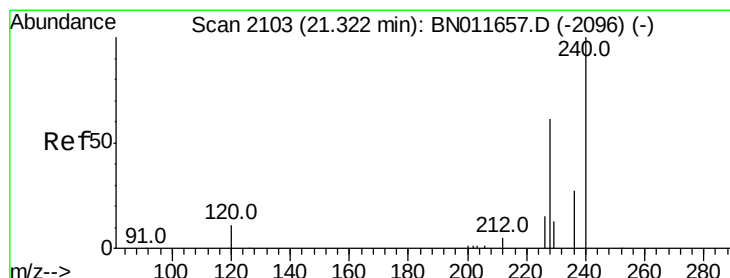
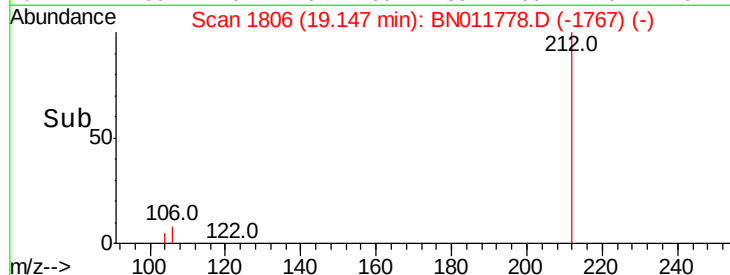
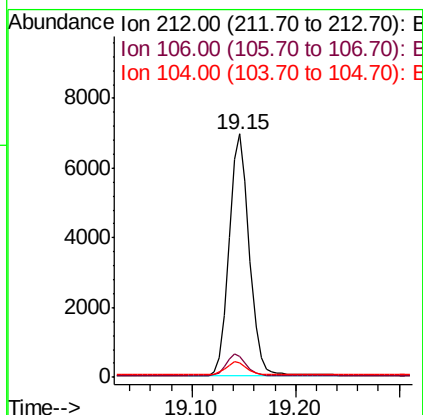
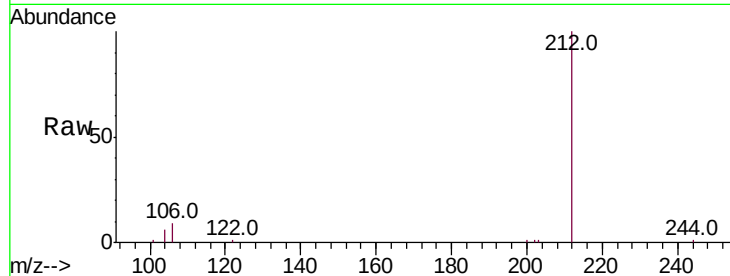




#27
 Fluoranthene-d10
 Concen: 0.280 ng
 RT: 19.15 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BN011778.D
 Acq: 10 Sep 2020 03:00

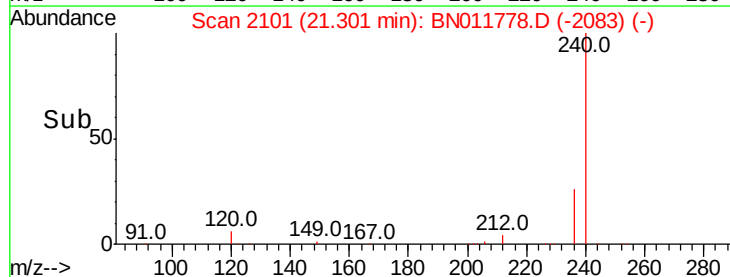
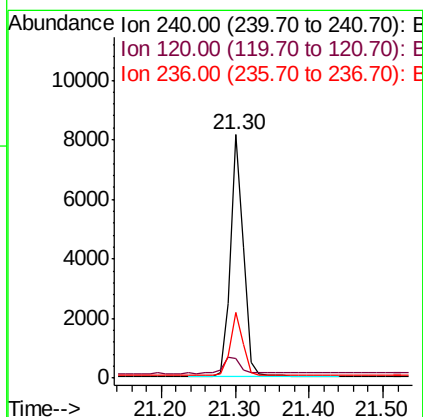
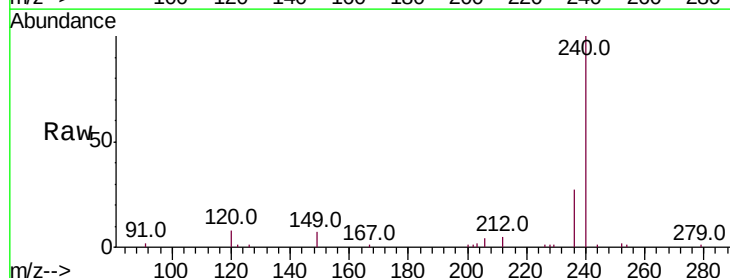
Instrument :
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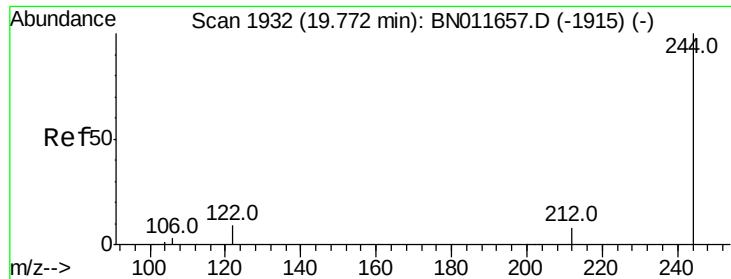
Tot Ion:212 Resp: 9252
 Ion Ratio Lower Upper
 212 100
 106 8.7 7.6 11.4
 104 5.5 4.6 6.8



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.30 min Scan# 2101
 Delta R.T. -0.01 min
 Lab File: BN011778.D
 Acq: 10 Sep 2020 03:00

Tgt Ion:240 Resp: 10160
 Ion Ratio Lower Upper
 240 100
 120 8.2 9.9 14.9#
 236 27.2 22.2 33.4





#31

Terphenyl-d14

Concen: 0.330 ng

RT: 19.75 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BN011778.D

Acq: 10 Sep 2020 03:00

Instrument :

BNA_N

ClientSampleId :

PB131431BL

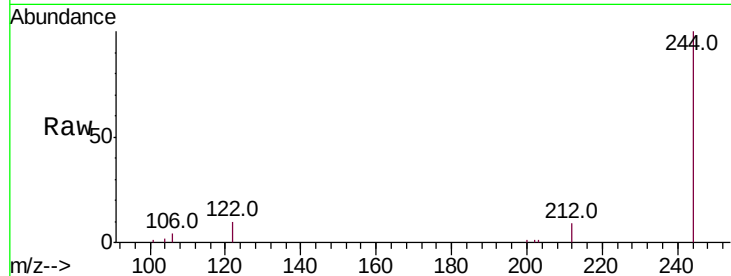
Tot Ion:244 Resp: 8327

Ion Ratio Lower Upper

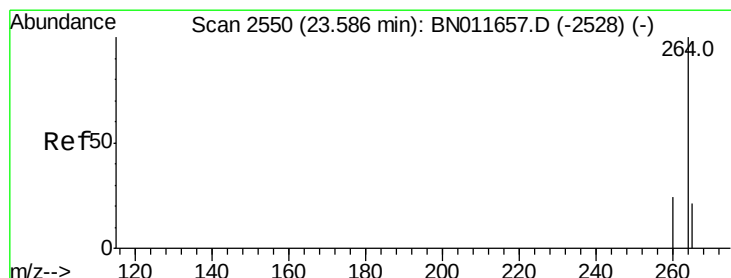
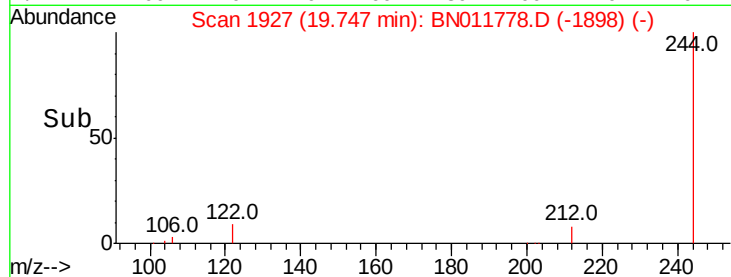
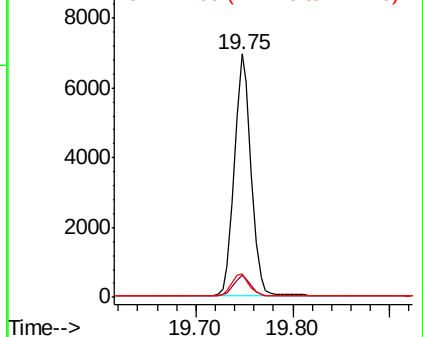
244 100

212 8.9 6.5 9.7

122 9.6 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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.55 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BN011778.D

Acq: 10 Sep 2020 03:00

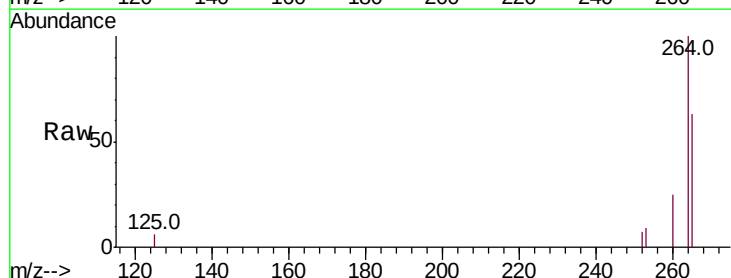
Tgt Ion:264 Resp: 9990

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.6

265 63.2 38.9 58.3#



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

