

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006616.D
 Acq On : 28 Jun 2019 16:59
 Operator : HP/JU
 Sample : PB120314BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB120314BL

Quant Time: Jun 29 01:24:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 13:47:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4327	0.40	ng	0.00
7) Naphthalene-d8	10.42	136	16168	0.40	ng	0.01
13) Acenaphthene-d10	14.28	164	10487	0.40	ng	0.00
19) Phenanthrene-d10	17.04	188	25391	0.40	ng	0.00
27) Chrysene-d12	21.27	240	25305	0.40	ng	0.00
34) Perylene-d12	23.50	264	26350	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	3129	0.29	ng	0.00
5) Phenol-d6	6.86	99	3557	0.25	ng	0.02
8) Nitrobenzene-d5	8.84	82	2218	0.20	ng	0.05
11) 2-Methylnaphthalene-d10	12.03	152	6712	0.26	ng	0.02
14) 2,4,6-Tribromophenol	15.81	330	594	0.12	ng	0.02
15) 2-Fluorobiphenyl	12.91	172	10383	0.27	ng	0.01
25) Fluoranthene-d10	19.08	212	20914	0.28	ng	0.00
29) Terphenyl-d14	19.69	244	16142	0.30	ng	0.00

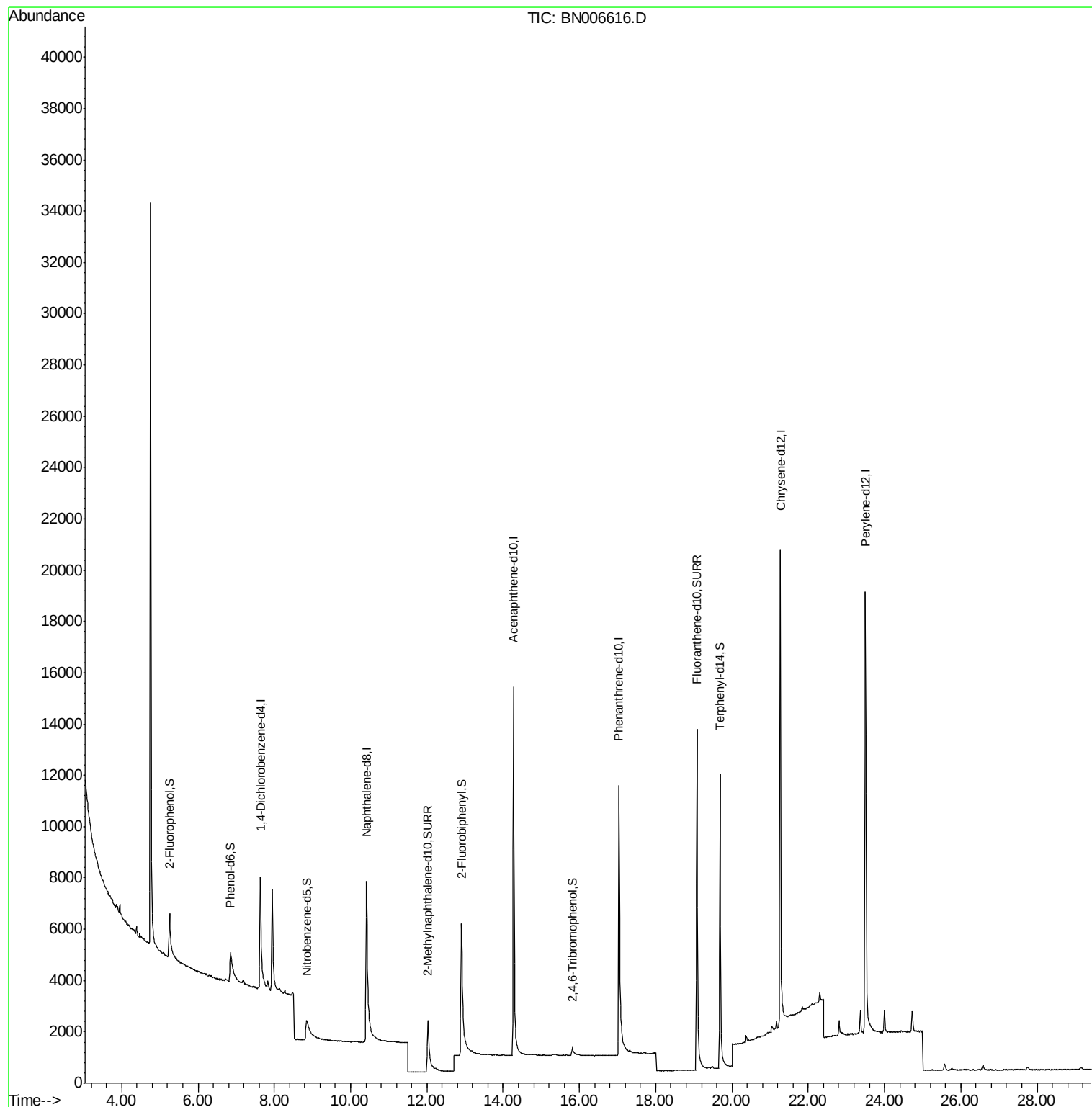
Target Compounds	Qvalue
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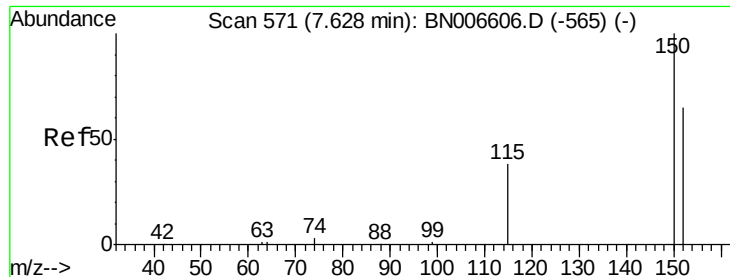
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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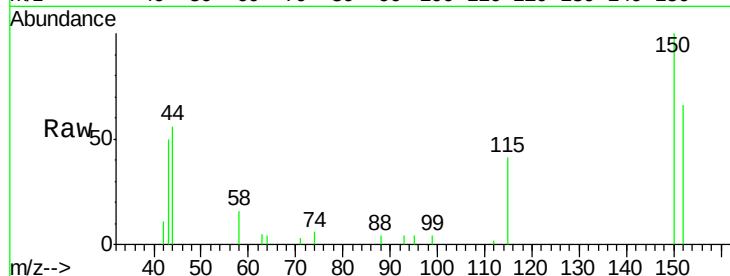


#1

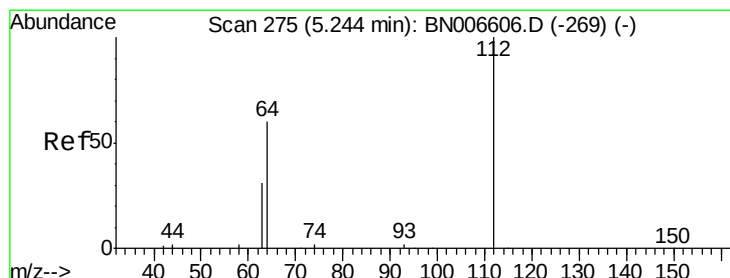
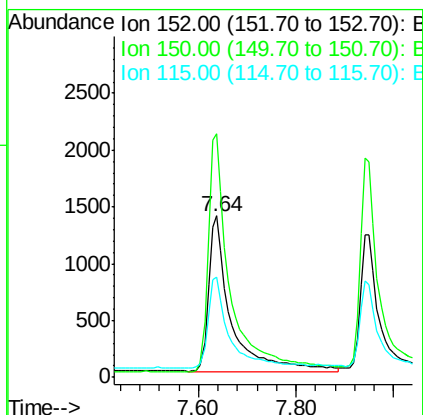
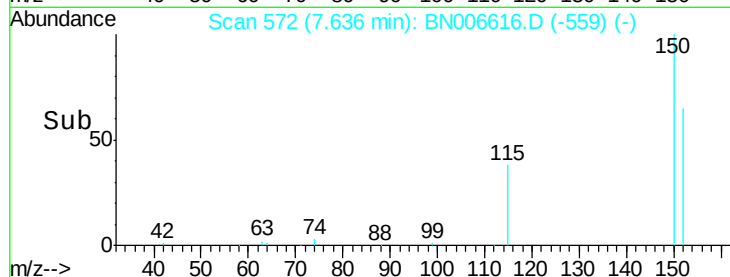
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 572
Delta R.T. 0.01 min
Lab File: BN006616.D
Acq: 28 Jun 2019 16:59

Instrument :
BNA_N
ClientSampleId :
PB120314BL

Tgt Ion:152 Resp: 4327
Ion Ratio Lower Upper
152 100
150 150.8 122.2 183.2
115 61.9 50.0 75.0



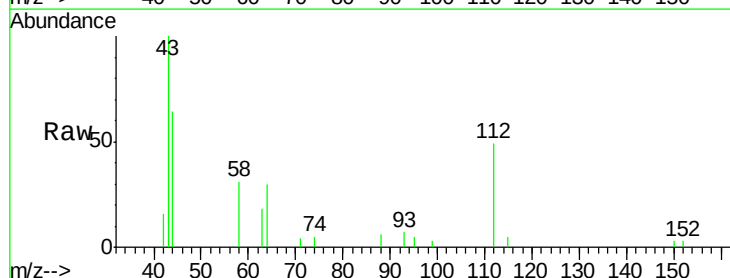
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



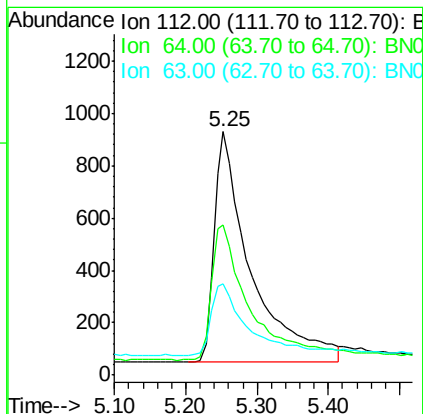
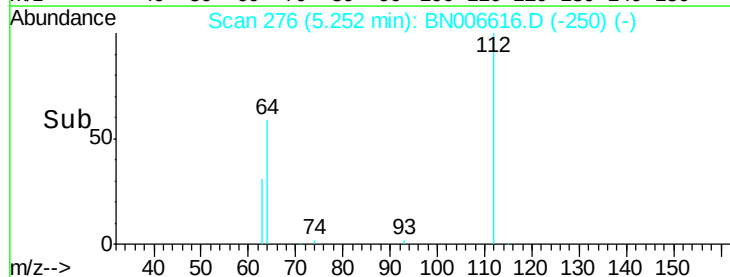
#4

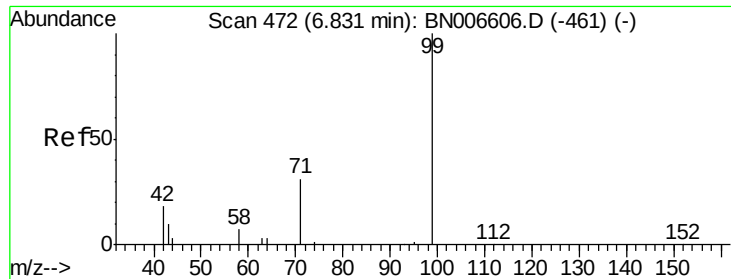
2-Fluorophenol
Concen: 0.295 ng
RT: 5.25 min Scan# 276
Delta R.T. 0.01 min
Lab File: BN006616.D
Acq: 28 Jun 2019 16:59

Tgt Ion:112 Resp: 3129
Ion Ratio Lower Upper
112 100
64 62.0 48.9 73.3
63 32.4 24.3 36.5



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: 0.253 ng

RT: 6.86 min Scan# 475

Delta R.T. 0.02 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

Instrument :

BNA_N

ClientSampleId :

PB120314BL

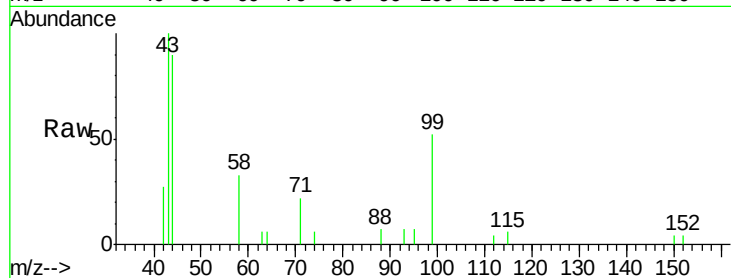
Tgt Ion: 99 Resp: 3557

Ion Ratio Lower Upper

99 100

42 21.9 16.4 24.6

71 33.0 26.6 40.0

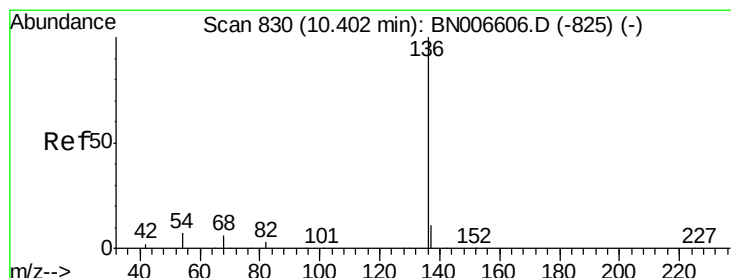
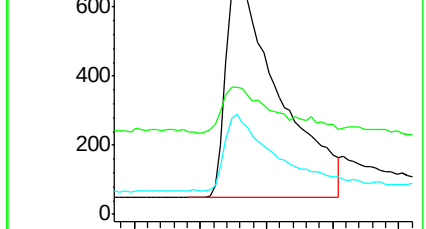
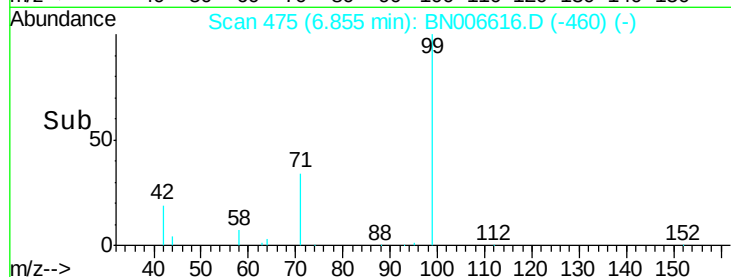


Abundance Ion 99.00 (98.70 to 99.70): BN006616.D (-461) (-)

Ion 42.00 (41.70 to 42.70): BN006616.D (-461) (-)

Ion 71.00 (70.70 to 71.70): BN006616.D (-461) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.42 min Scan# 831

Delta R.T. 0.01 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

Tgt Ion: 136 Resp: 16168

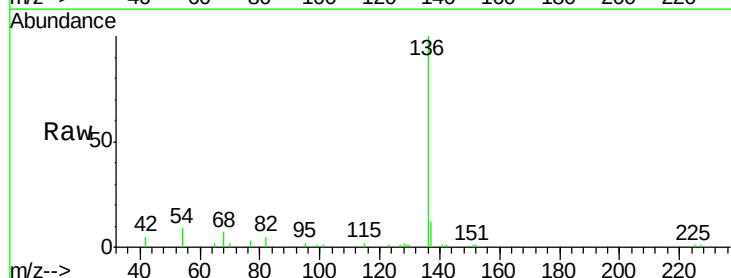
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 9.3 6.7 10.1

68 7.4 5.3 7.9



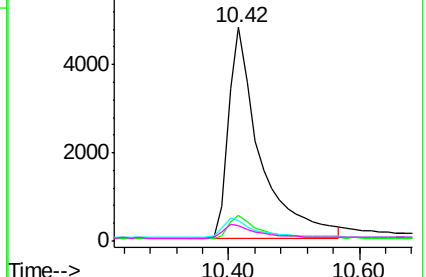
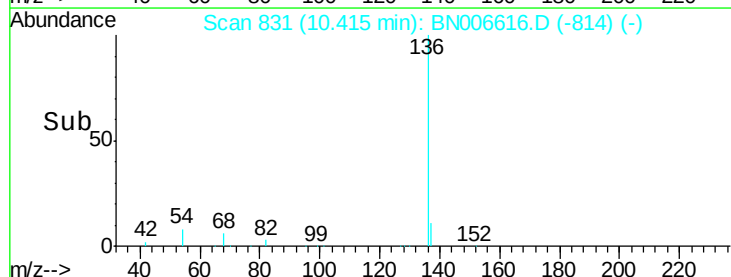
Abundance Ion 136.00 (135.70 to 136.70): BN006616.D (-825) (-)

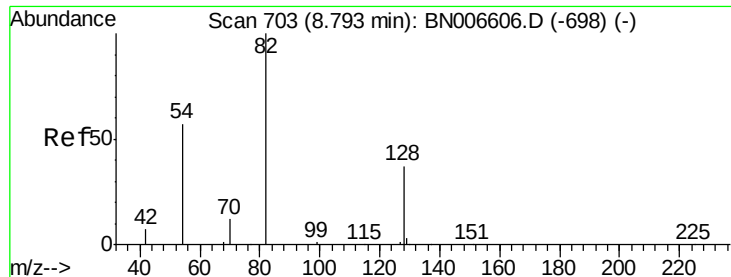
Ion 137.00 (136.70 to 137.70): BN006616.D (-825) (-)

Ion 54.00 (53.70 to 54.70): BN006616.D (-825) (-)

Ion 68.00 (67.70 to 68.70): BN006616.D (-825) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.204 ng

RT: 8.84 min Scan# 707

Delta R.T. 0.05 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

Instrument :

BNA_N

ClientSampleId :

PB120314BL

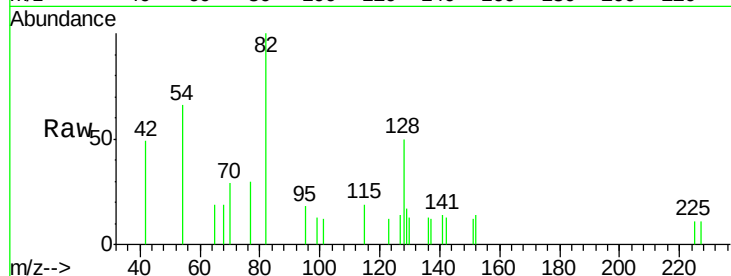
Tgt Ion: 82 Resp: 2218

Ion Ratio Lower Upper

82 100

128 49.9 32.6 49.0#

54 66.0 48.2 72.4



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

8.84

400

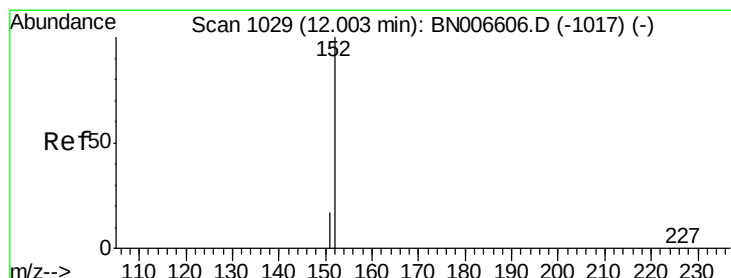
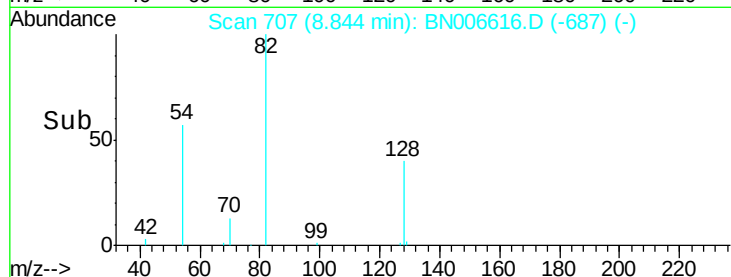
300

200

100

0

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.264 ng

RT: 12.03 min Scan# 1034

Delta R.T. 0.02 min

Lab File: BN006616.D

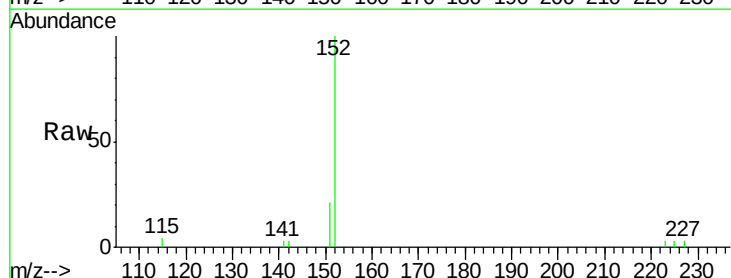
Acq: 28 Jun 2019 16:59

Tgt Ion: 152 Resp: 6712

Ion Ratio Lower Upper

152 100

151 19.0 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC

2000

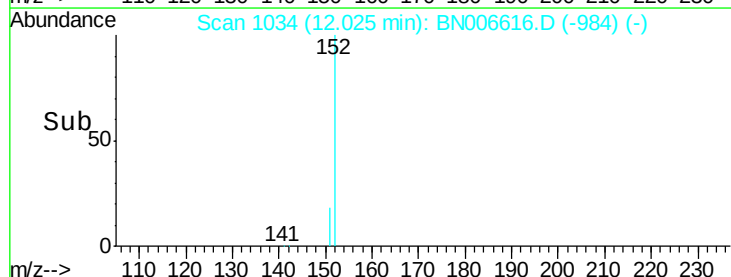
1500

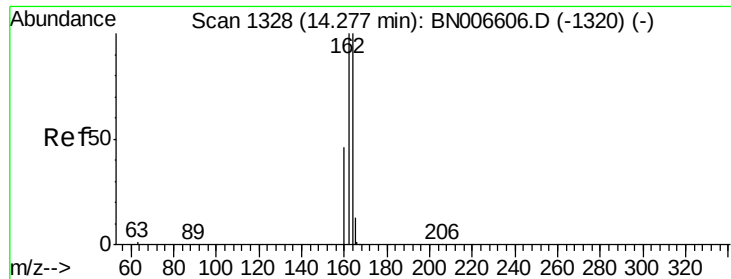
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.28 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

Instrument :

BNA_N

ClientSampleId :

PB120314BL

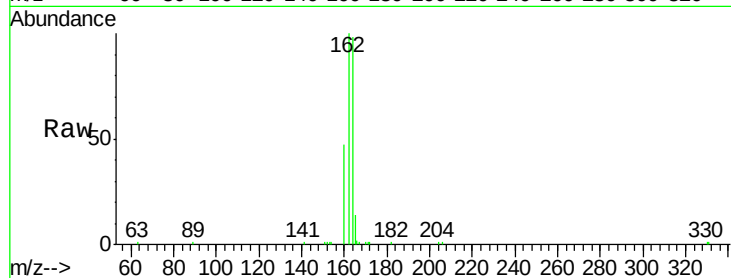
Tgt Ion:164 Resp: 10487

Ion Ratio Lower Upper

164 100

162 102.1 80.0 120.0

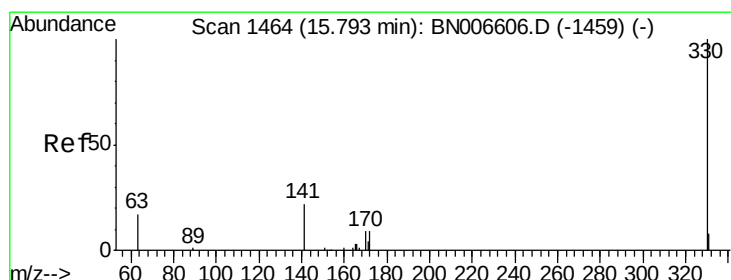
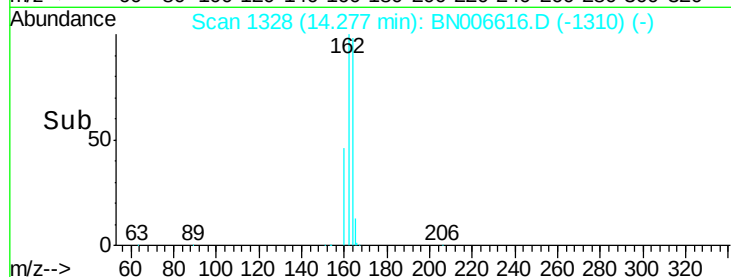
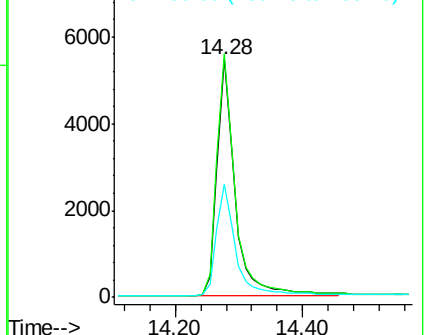
160 47.6 37.0 55.4



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: 0.120 ng

RT: 15.81 min Scan# 1466

Delta R.T. 0.02 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

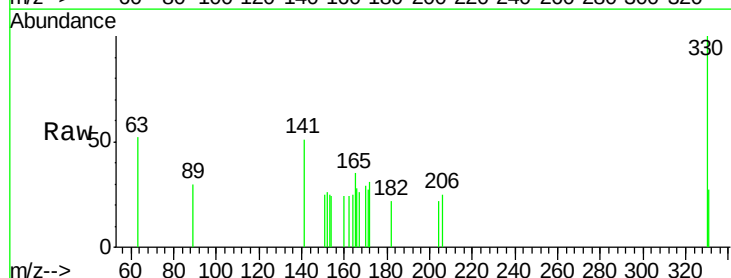
Tgt Ion:330 Resp: 594

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

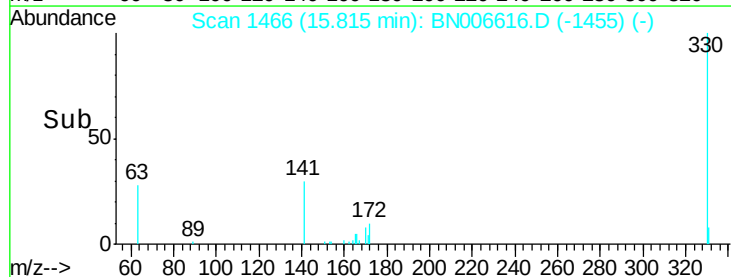
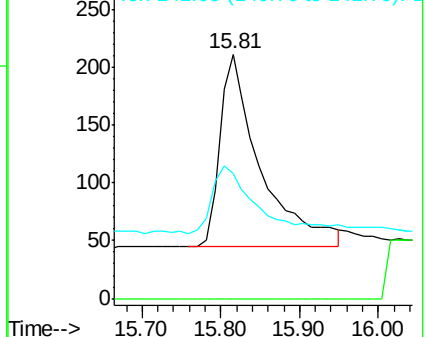
141 38.6 26.5 39.7

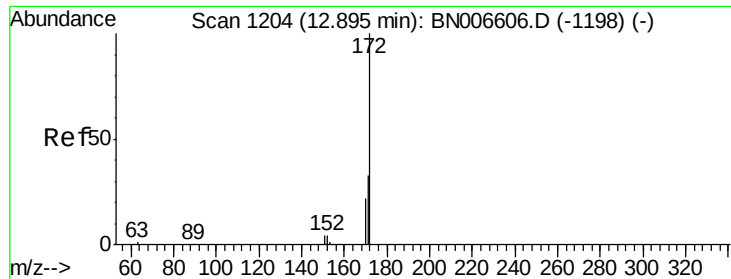


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

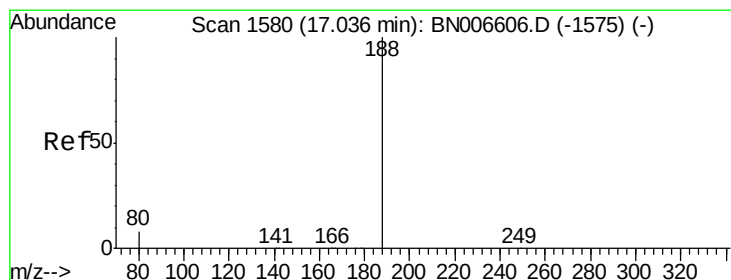
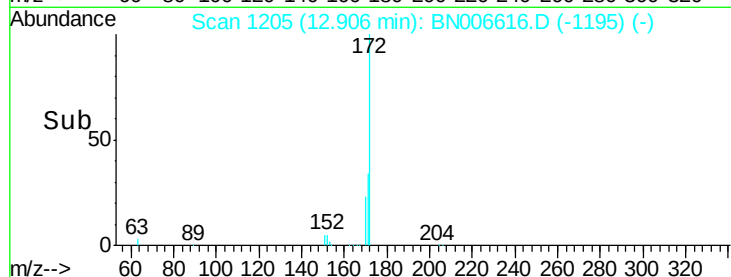
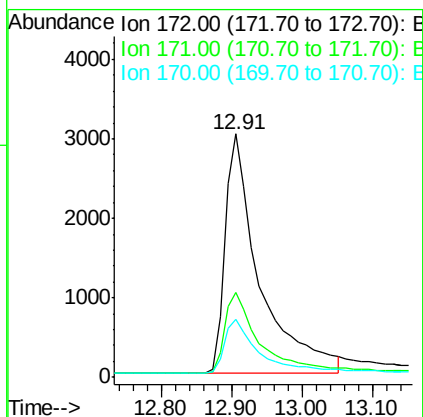
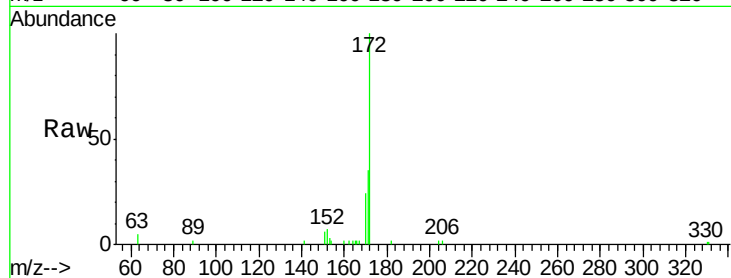




#15
2-Fluorobiphenyl
Concen: 0.267 ng
RT: 12.91 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BN006616.D
Acq: 28 Jun 2019 16:59

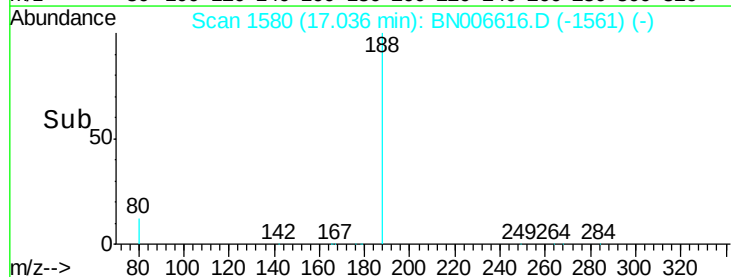
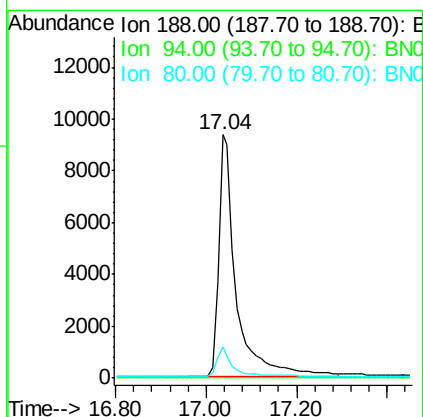
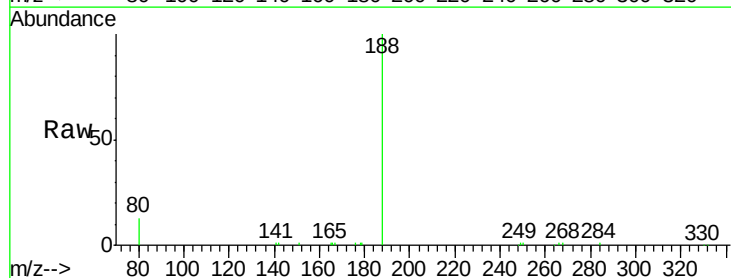
Instrument :
BNA_N
ClientSampleId :
PB120314BL

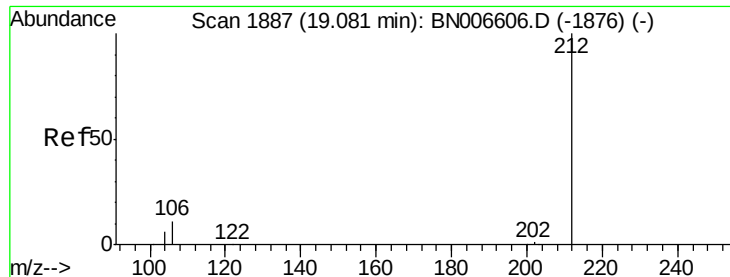
Tgt Ion:172 Resp: 10383
Ion Ratio Lower Upper
172 100
171 34.7 27.0 40.4
170 24.0 17.7 26.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.04 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BN006616.D
Acq: 28 Jun 2019 16:59

Tgt Ion:188 Resp: 25391
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 7.1 10.7#





#25

Fluoranthene-d10

Concen: 0.280 ng

RT: 19.08 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

Instrument :

BNA_N

ClientSampleId :

PB120314BL

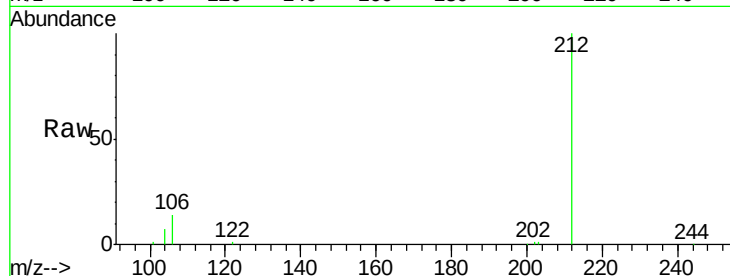
Tgt Ion:212 Resp: 20914

Ion Ratio Lower Upper

212 100

106 13.5 10.6 15.8

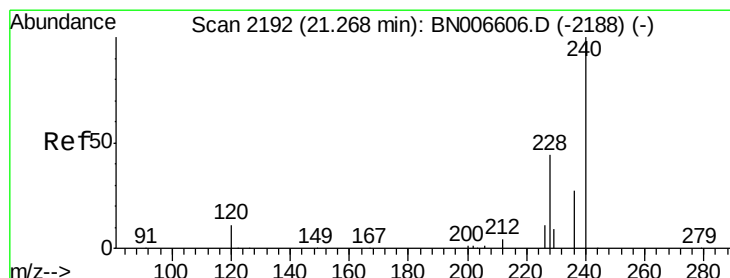
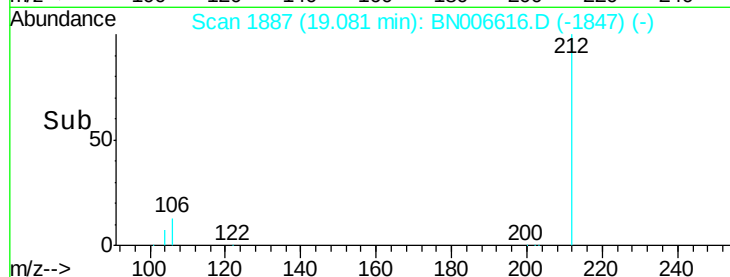
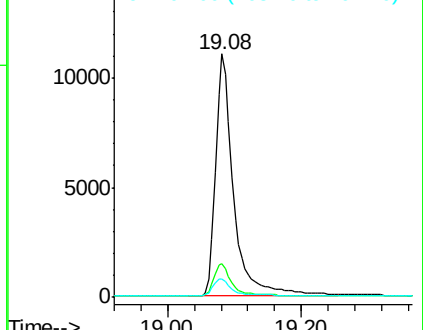
104 7.3 5.8 8.6



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: 21.27 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

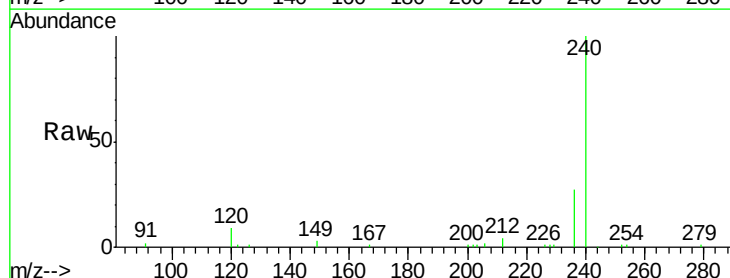
Tgt Ion:240 Resp: 25305

Ion Ratio Lower Upper

240 100

120 8.7 9.9 14.9#

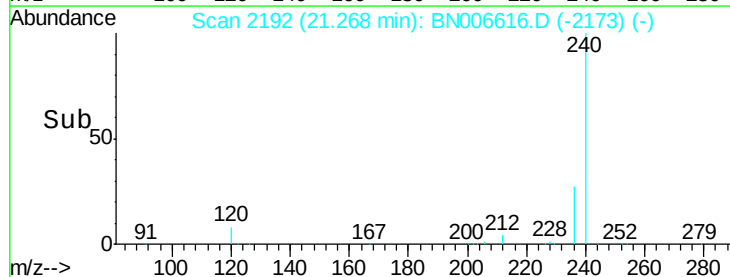
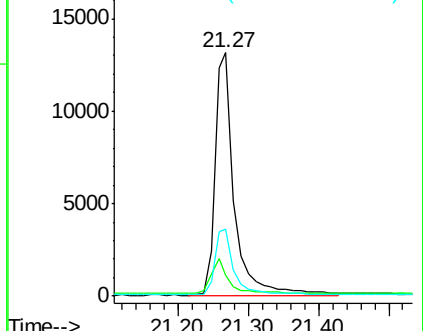
236 27.3 22.2 33.4

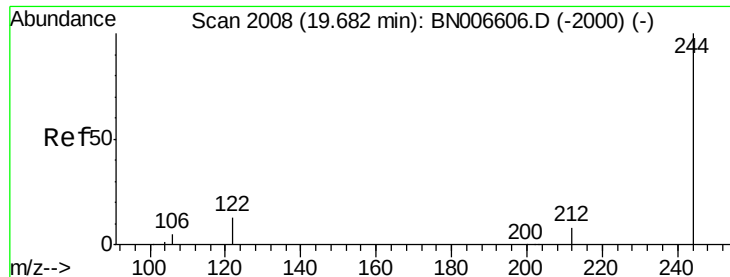


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.305 ng

RT: 19.69 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

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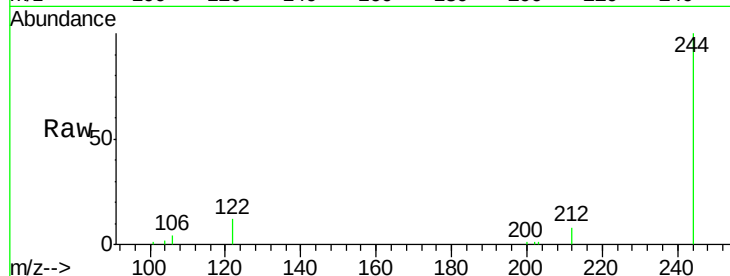
Tgt Ion:244 Resp: 16142

Ion Ratio Lower Upper

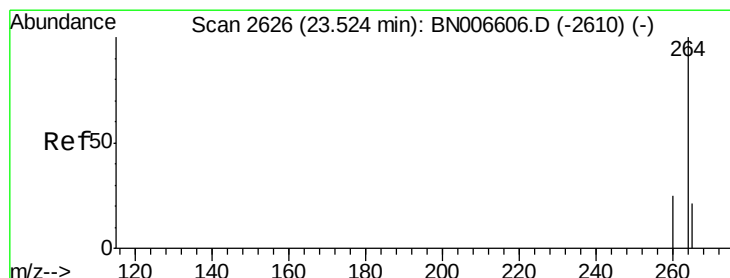
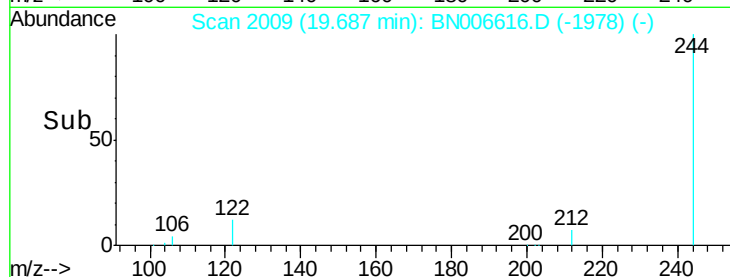
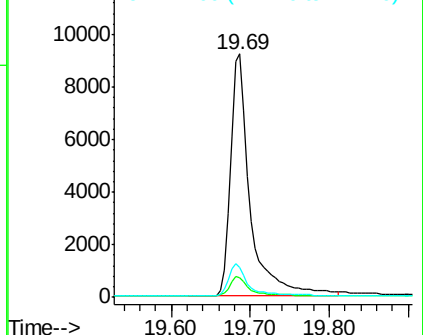
244 100

212 8.3 6.7 10.1

122 12.1 11.0 16.6



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: 23.50 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

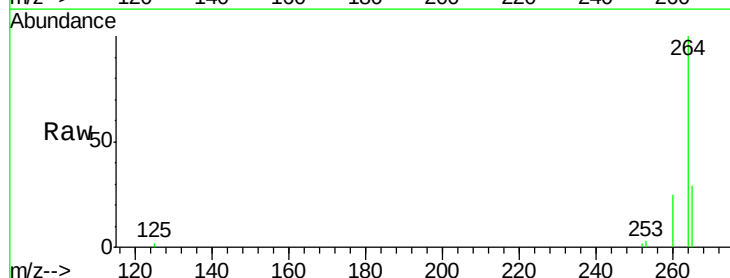
Tgt Ion:264 Resp: 26350

Ion Ratio Lower Upper

264 100

260 25.3 20.2 30.2

265 29.4 23.3 34.9



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

