

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070819\
 Data File : BN006749.D
 Acq On : 08 Jul 2019 09:44
 Operator : HP/JU
 Sample : PB121012BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB121012BL

Quant Time: Jul 09 04:48:33 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	2464	0.40	ng	-0.02
7) Naphthalene-d8	10.39	136	8708	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	5496	0.40	ng	-0.02
19) Phenanthrene-d10	17.03	188	11811	0.40	ng	0.00
27) Chrysene-d12	21.25	240	11876	0.40	ng	-0.01
34) Perylene-d12	23.47	264	14544	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	2032	0.30	ng	0.00
5) Phenol-d6	6.86	99	2118	0.25	ng	0.03
8) Nitrobenzene-d5	8.86	82	1493	0.22	ng	0.06
11) 2-Methylnaphthalene-d10	11.99	152	4980	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	578	0.21	ng	0.00
15) 2-Fluorobiphenyl	12.87	172	6750	0.31	ng	-0.01
25) Fluoranthene-d10	19.06	212	13488	0.40	ng	-0.01
29) Terphenyl-d14	19.66	244	9679	0.35	ng	-0.01

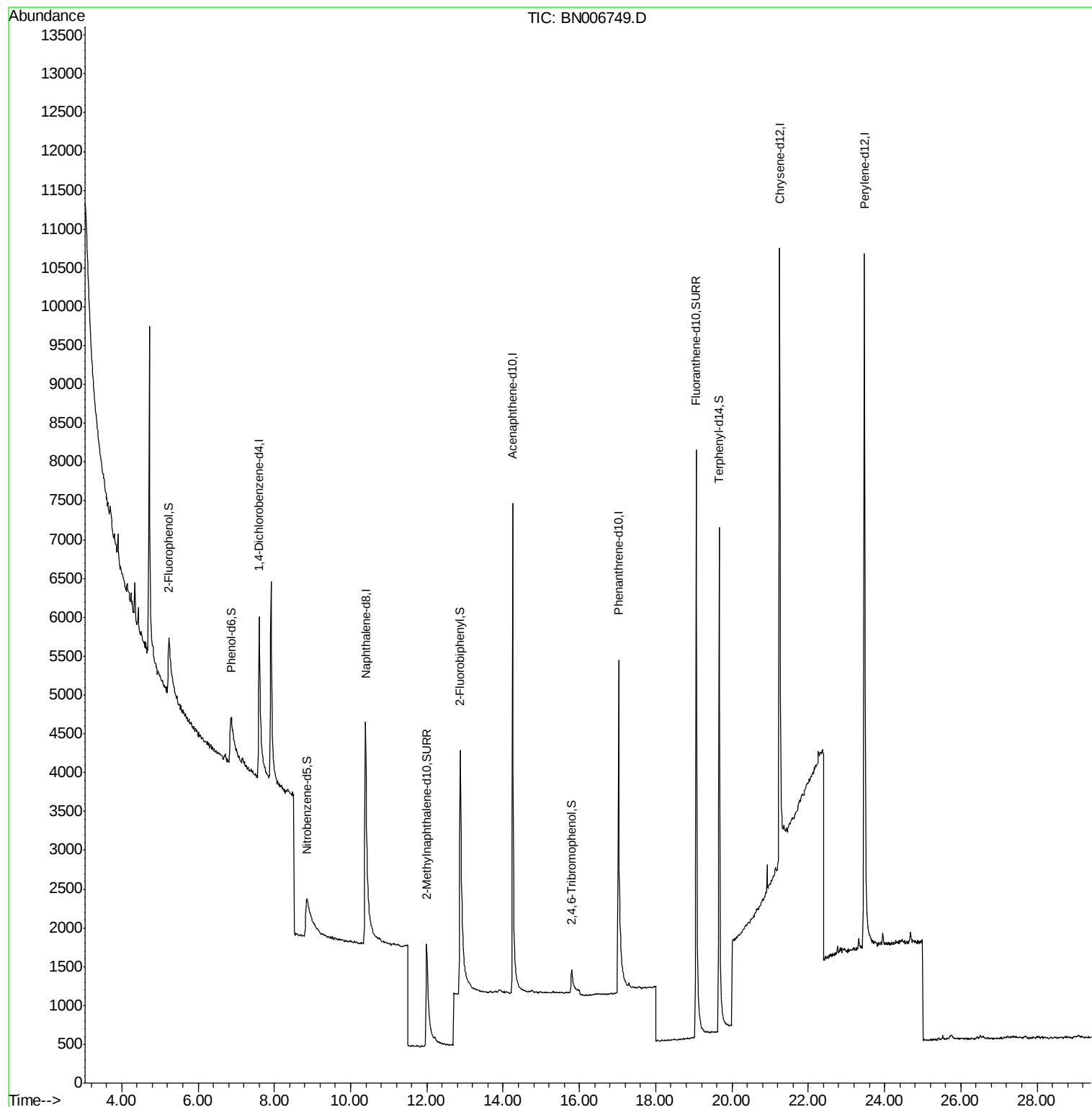
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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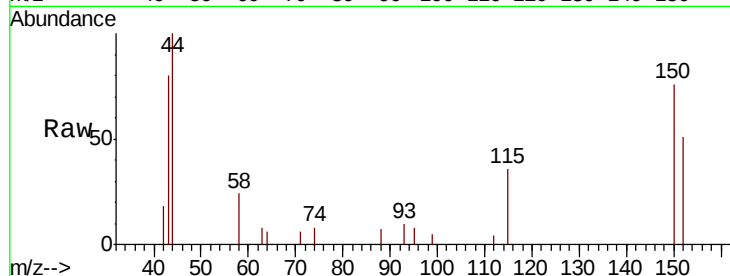


#1

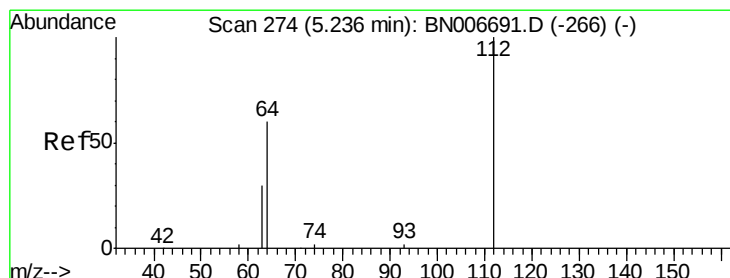
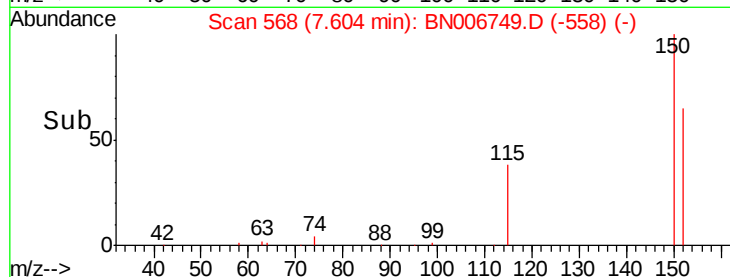
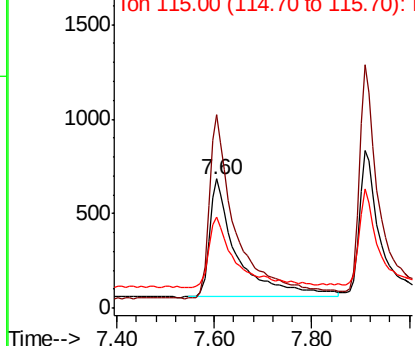
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 568
Delta R.T. -0.02 min
Lab File: BN006749.D
Acq: 08 Jul 2019 09:44

Instrument :
BNA_N
ClientSampleId :
PB121012BL

Tot Ion:152 Resp: 2464
Ion Ratio Lower Upper
152 100
150 149.1 120.6 181.0
115 70.5 51.0 76.6



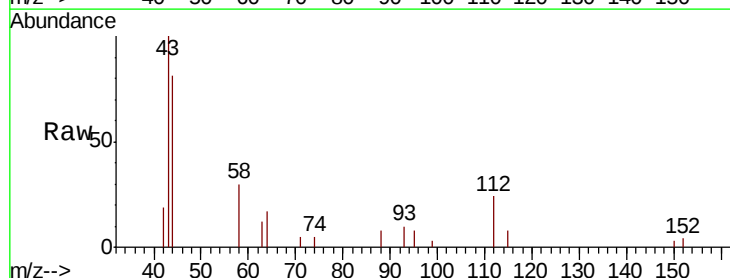
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



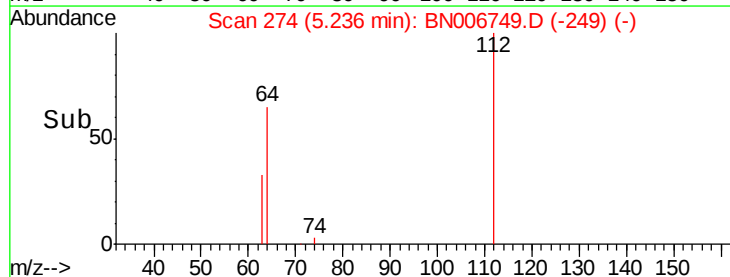
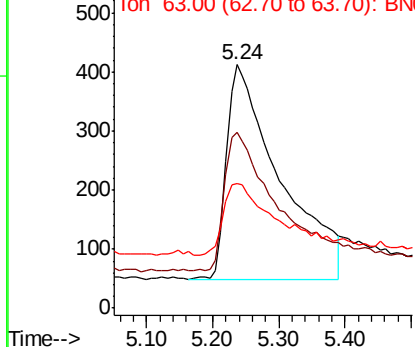
#4

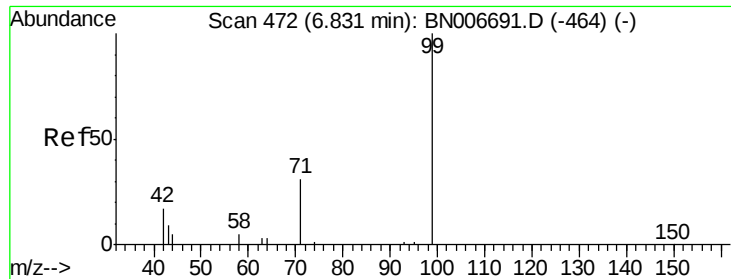
2-Fluorophenol
Concen: 0.304 ng
RT: 5.24 min Scan# 274
Delta R.T. -0.00 min
Lab File: BN006749.D
Acq: 08 Jul 2019 09:44

Tgt Ion:112 Resp: 2032
Ion Ratio Lower Upper
112 100
64 64.1 49.8 74.6
63 34.5 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: 0.250 ng

RT: 6.86 min Scan# 476

Delta R.T. 0.03 min

Lab File: BN006749.D

Acq: 08 Jul 2019 09:44

Instrument :

BNA_N

ClientSampled :

PB121012BL

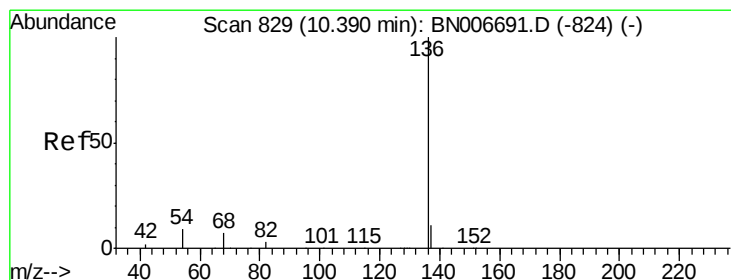
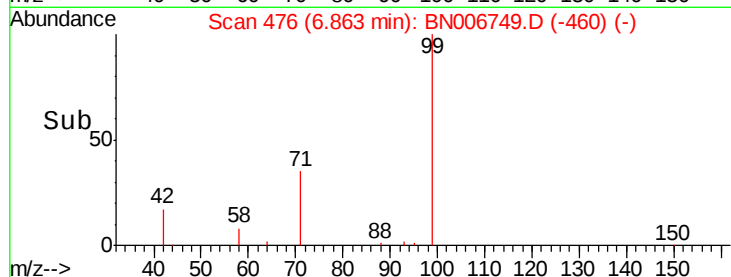
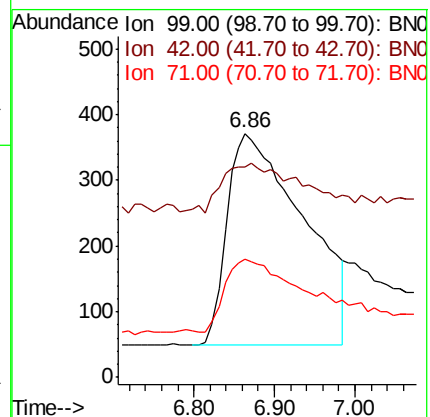
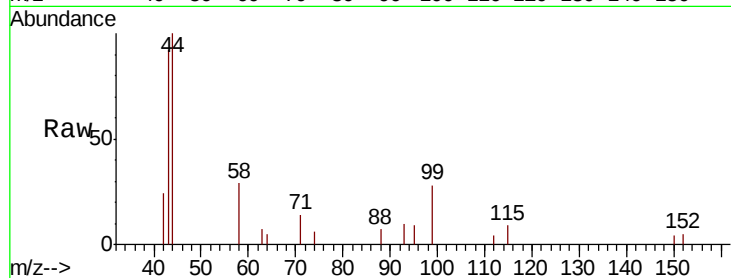
Tot Ion: 99 Resp: 2118

Ion Ratio Lower Upper

99 100

42 21.4 16.6 25.0

71 33.9 26.0 39.0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 829

Delta R.T. -0.00 min

Lab File: BN006749.D

Acq: 08 Jul 2019 09:44

Tgt Ion: 136 Resp: 8708

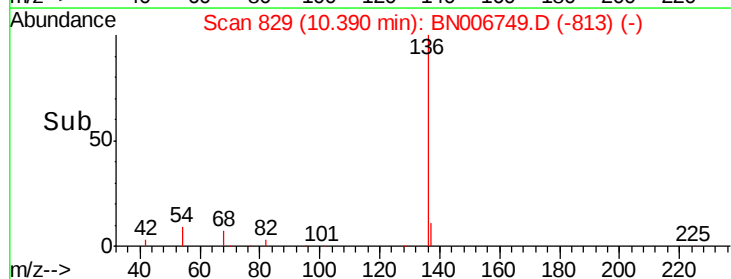
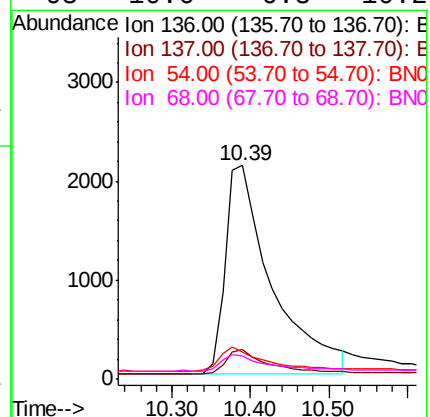
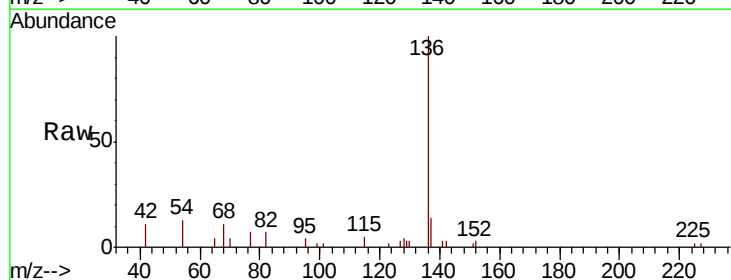
Ion Ratio Lower Upper

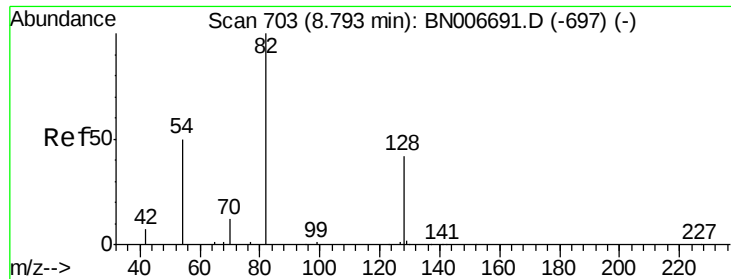
136 100

137 13.6 9.3 13.9

54 12.8 8.4 12.6#

68 10.6 6.8 10.2#





#8

Nitrobenzene-d5

Concen: 0.224 ng

RT: 8.86 min Scan# 708

Delta R.T. 0.06 min

Lab File: BN006749.D

Acq: 08 Jul 2019 09:44

Instrument :

BNA_N

ClientSampleId :

PB121012BL

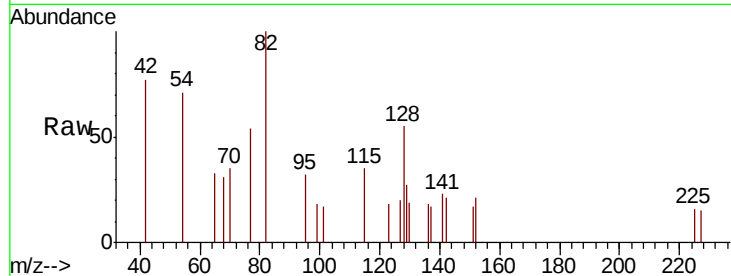
Tot Ion: 82 Resp: 1493

Ion Ratio Lower Upper

82 100

128 54.8 36.1 54.1#

54 70.9 44.5 66.7#

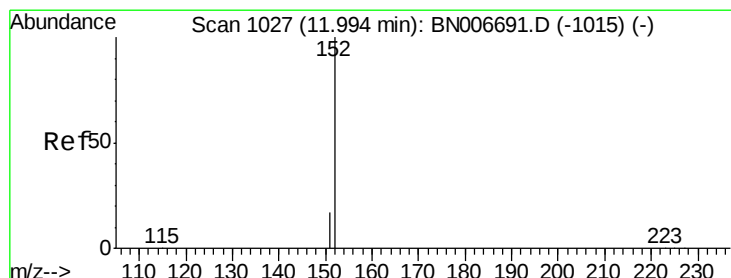
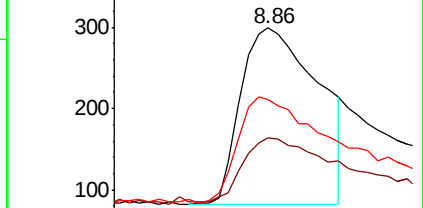
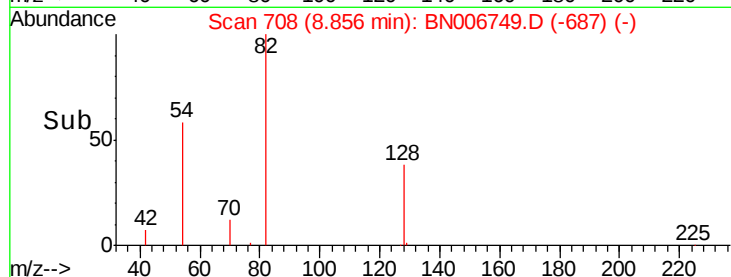


Abundance Ion 82.00 (81.70 to 82.70): BN006691.D (-697) (-)

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

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

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.380 ng

RT: 11.99 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BN006749.D

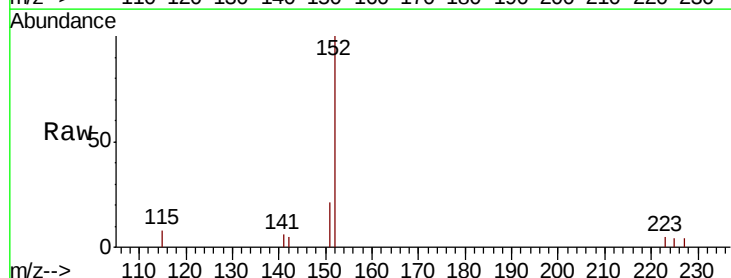
Acq: 08 Jul 2019 09:44

Tgt Ion: 152 Resp: 4980

Ion Ratio Lower Upper

152 100

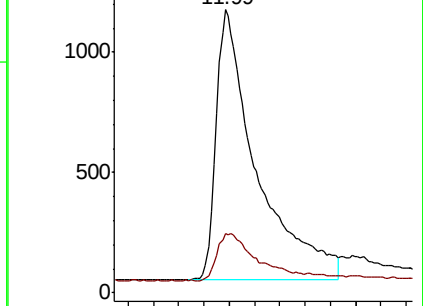
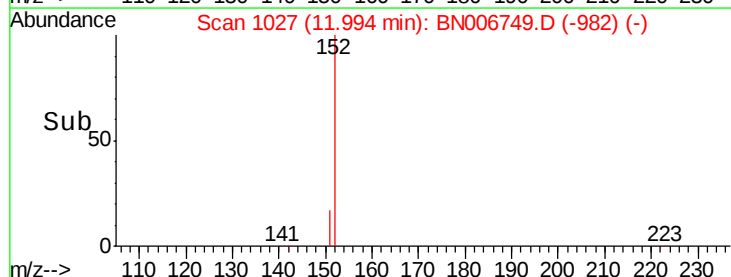
151 18.2 14.9 22.3

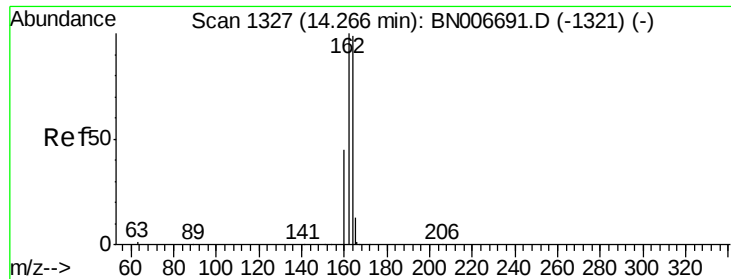


Abundance Ion 152.00 (151.70 to 152.70): BN006691.D (-1015) (-)

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

Time-->

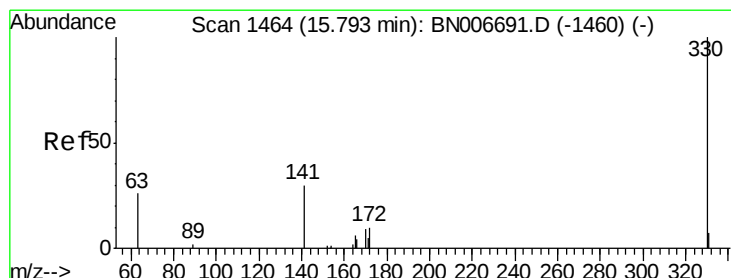
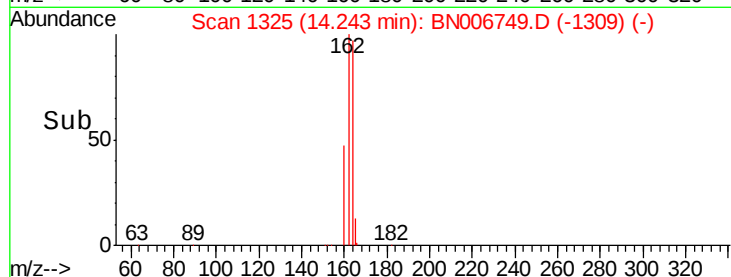
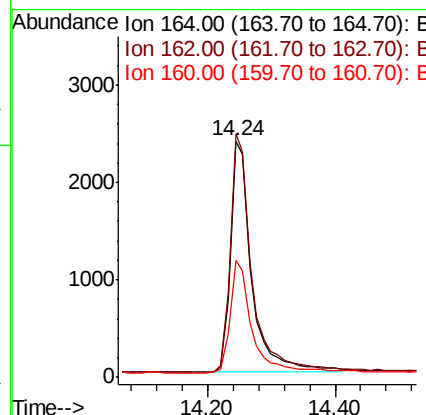
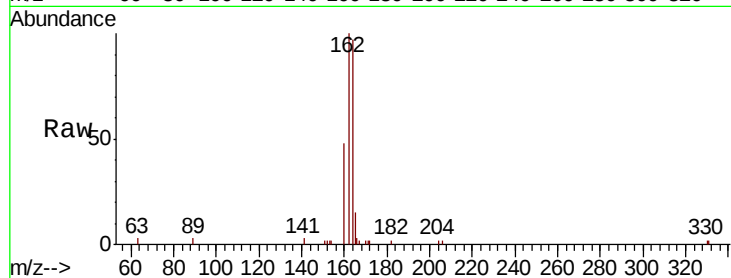




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.24 min Scan# 1325
 Delta R.T. -0.02 min
 Lab File: BN006749.D
 Acq: 08 Jul 2019 09:44

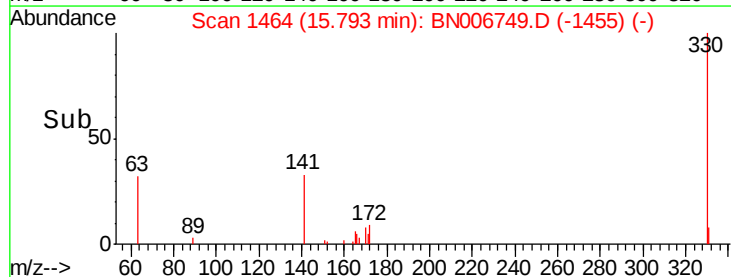
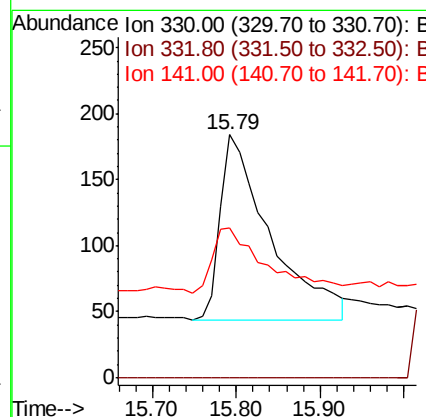
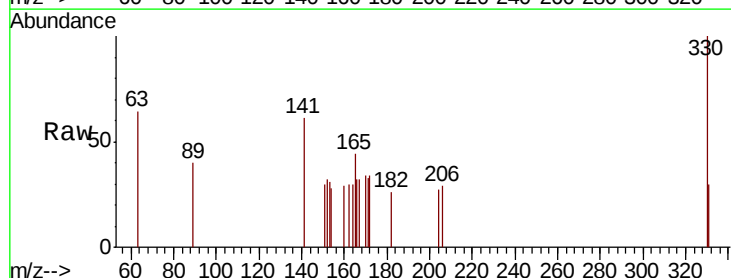
Instrument :
 BNA_N
 ClientSampleId :
 PB121012BL

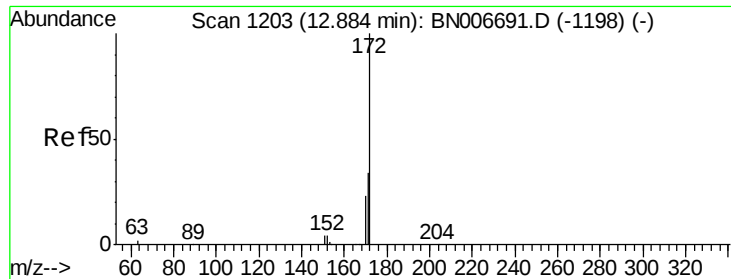
Tot Ion:164 Resp: 5496
 Ion Ratio Lower Upper
 164 100
 162 103.1 80.8 121.2
 160 49.3 37.0 55.6



#14
 2,4,6-Tribromophenol
 Concen: 0.214 ng
 RT: 15.79 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BN006749.D
 Acq: 08 Jul 2019 09:44

Tgt Ion:330 Resp: 578
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 38.6 24.8 37.2#

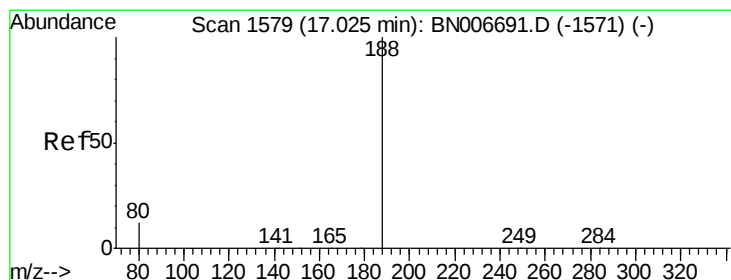
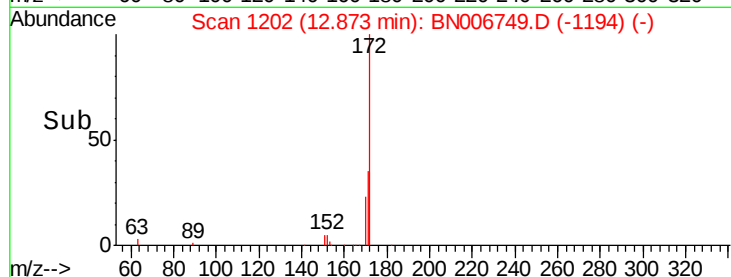
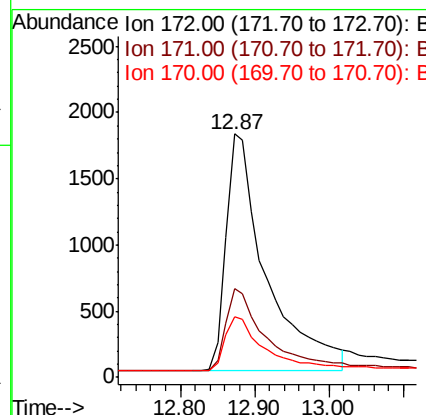
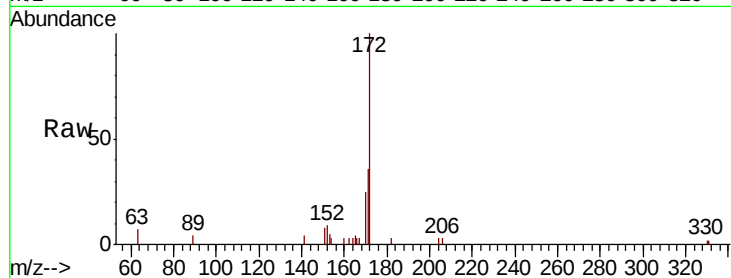




#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 12.87 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BN006749.D
Acq: 08 Jul 2019 09:44

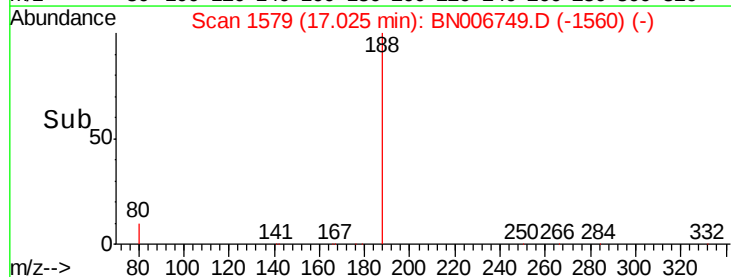
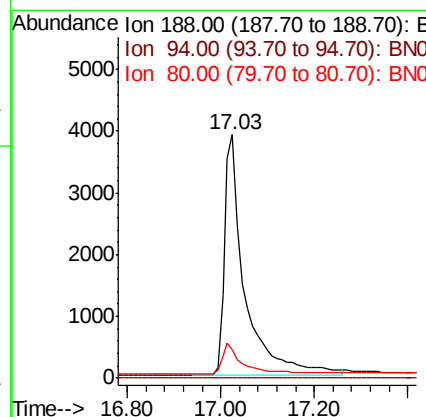
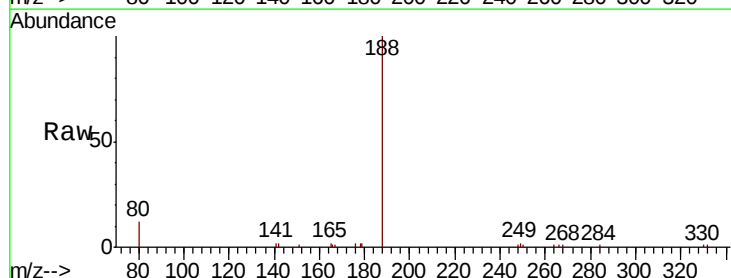
Instrument :
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ClientSampleId :
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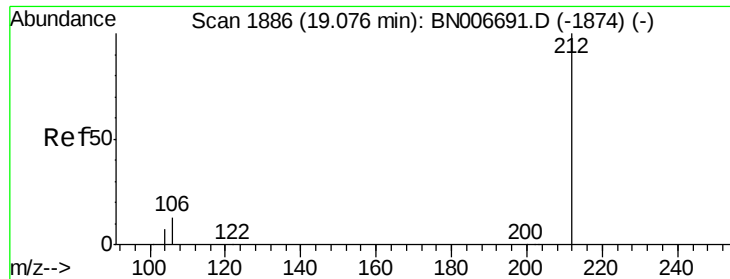
Tot Ion:172 Resp: 6750
Ion Ratio Lower Upper
172 100
171 36.4 27.8 41.6
170 25.0 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BN006749.D
Acq: 08 Jul 2019 09:44

Tgt Ion:188 Resp: 11811
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 10.3 15.5





#25

Fluoranthene-d10

Concen: 0.399 ng

RT: 19.06 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN006749.D

Acq: 08 Jul 2019 09:44

Instrument :

BNA_N

ClientSampleId :

PB121012BL

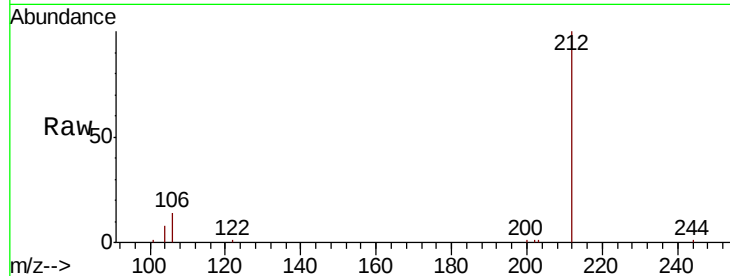
Tot Ion:212 Resp: 13488

Ion Ratio Lower Upper

212 100

106 13.4 11.0 16.6

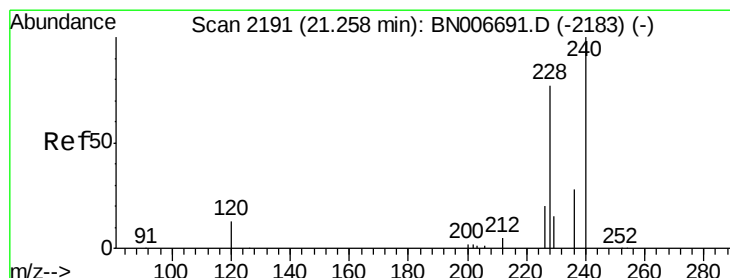
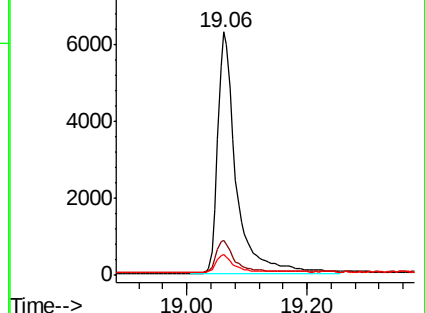
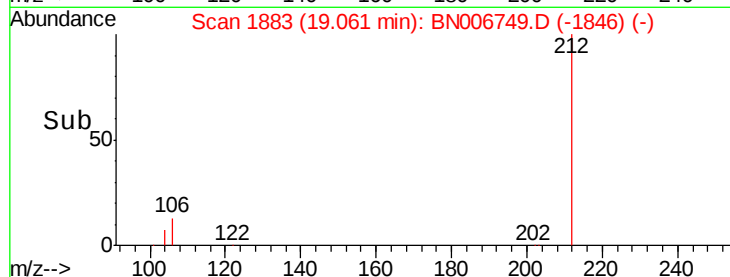
104 7.2 6.1 9.1



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: BN006749.D

Acq: 08 Jul 2019 09:44

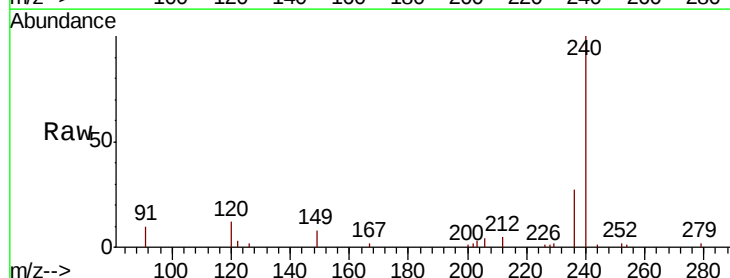
Tgt Ion:240 Resp: 11876

Ion Ratio Lower Upper

240 100

120 12.4 12.9 19.3#

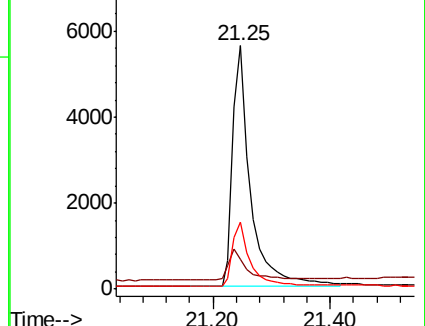
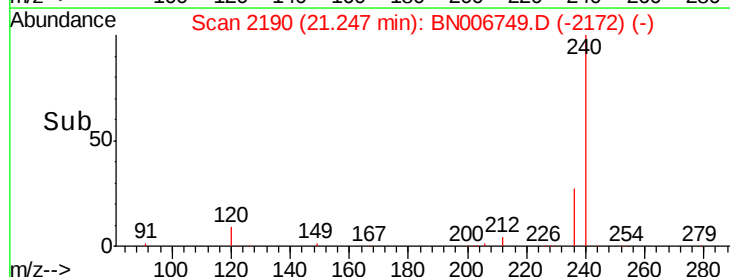
236 27.4 23.2 34.8

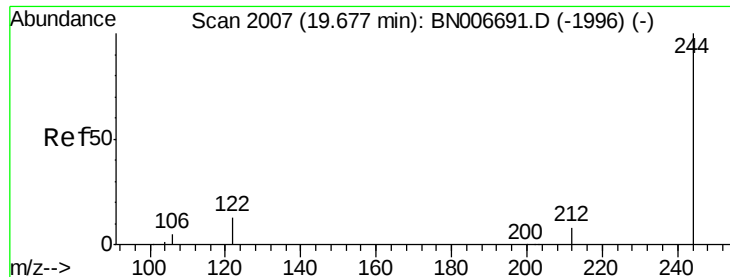


Abundance Ion 240.00 (239.70 to 240.70): E

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: BN006749.D

Acq: 08 Jul 2019 09:44

Instrument :

BNA_N

ClientSampleId :

PB121012BL

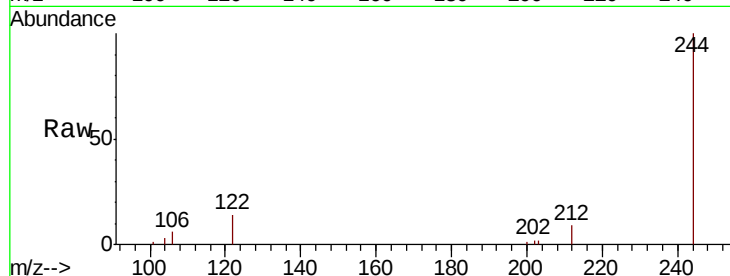
Tot Ion:244 Resp: 9679

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

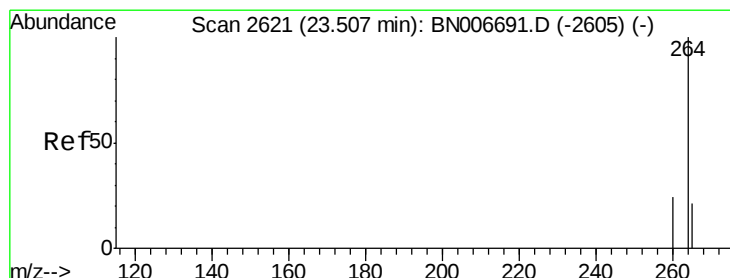
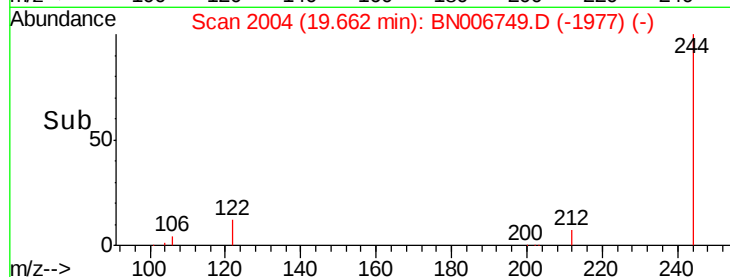
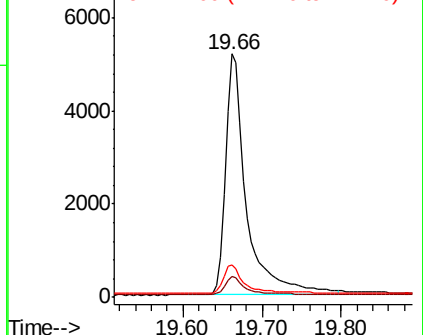
122 13.5 11.5 17.3



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: BN006749.D

Acq: 08 Jul 2019 09:44

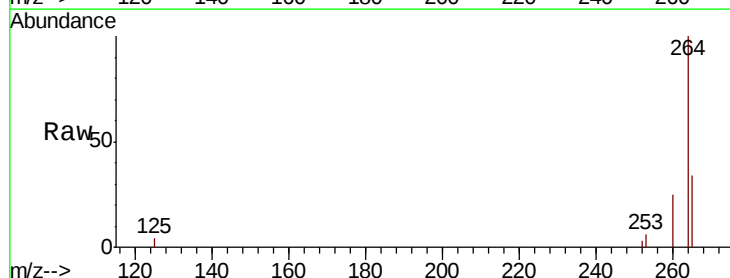
Tgt Ion:264 Resp: 14544

Ion Ratio Lower Upper

264 100

260 25.3 20.2 30.2

265 34.4 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

