

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092019\
 Data File : BN007779.D
 Acq On : 21 Sep 2019 01:18
 Operator : HP/JU
 Sample : PB122993BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122993BL

Quant Time: Sep 21 04:24:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	6898	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	26293	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	15252	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	34615	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	33248	0.40	ng	-0.02
34) Perylene-d12	23.46	264	33686	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	5940	0.25	ng	0.00
5) Phenol-d6	6.87	99	7353	0.25	ng	0.00
8) Nitrobenzene-d5	8.83	82	6153	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	14394	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1579	0.19	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	19511	0.31	ng	0.00
25) Fluoranthene-d10	19.09	212	35897	0.31	ng	-0.01
29) Terphenyl-d14	19.70	244	29891	0.37	ng	-0.01

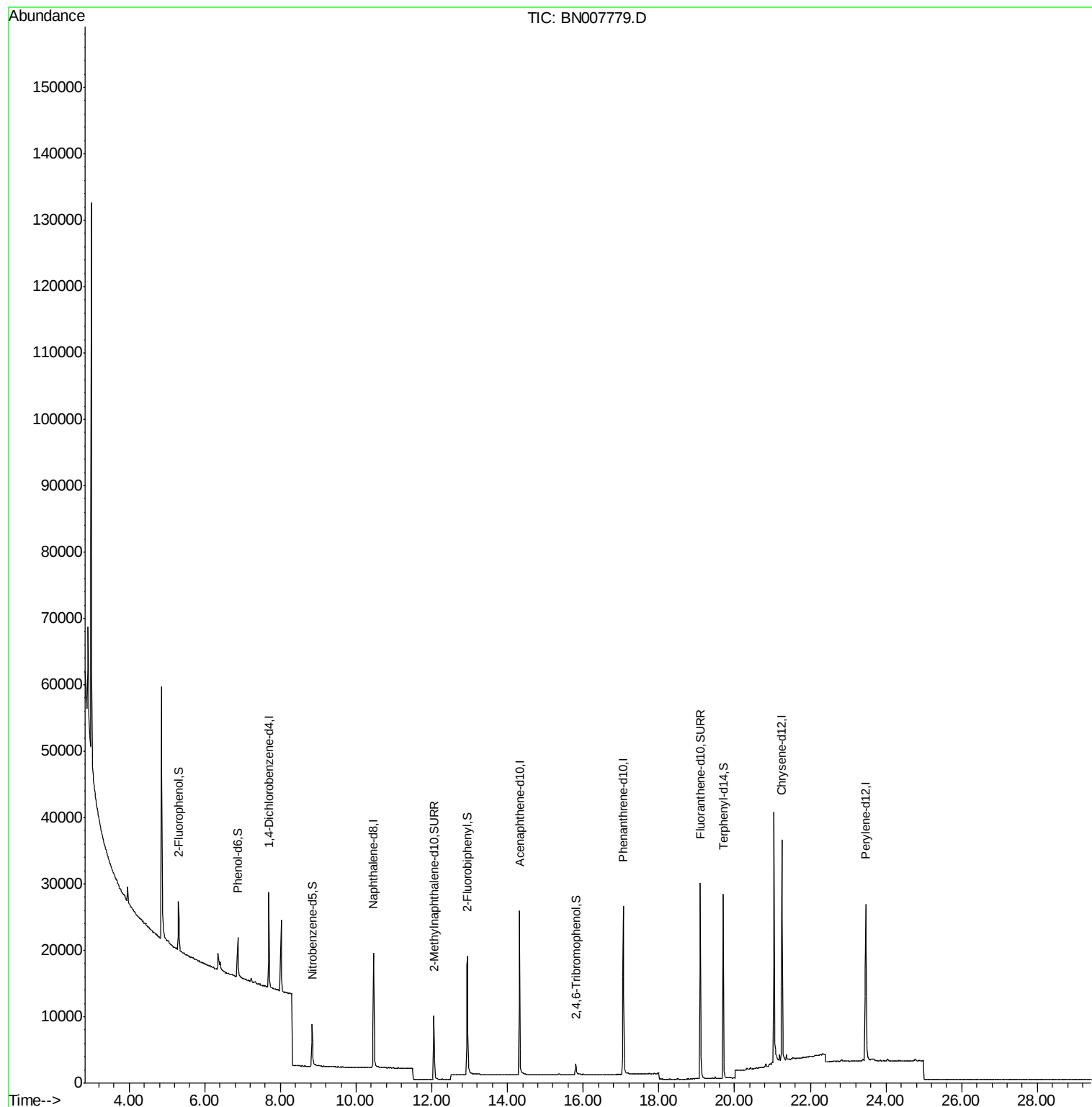
Target Compounds Qvalue

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

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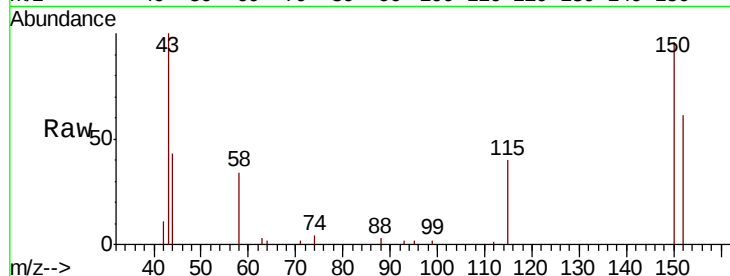


#1

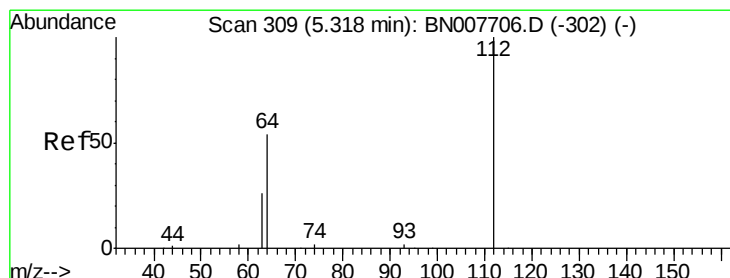
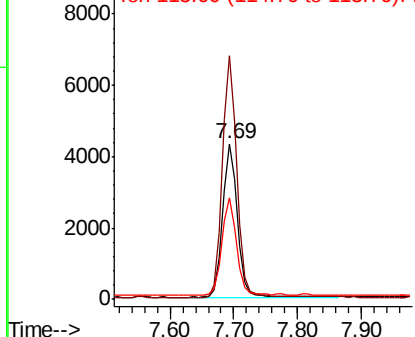
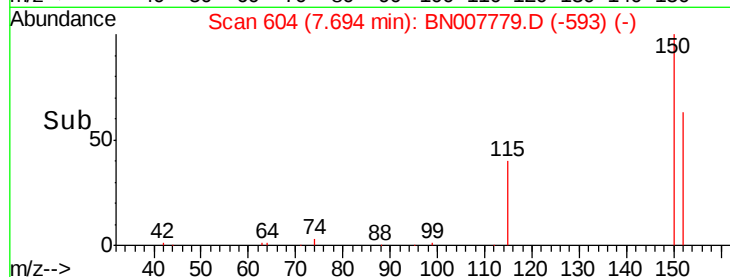
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007779.D
Acq: 21 Sep 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122993BL

Tot Ion:152 Resp: 6898
Ion Ratio Lower Upper
152 100
150 156.7 125.6 188.4
115 65.1 53.3 79.9



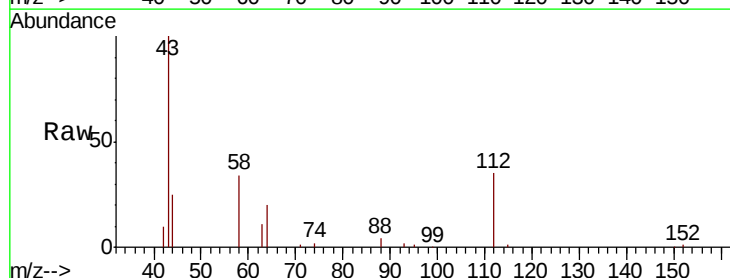
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



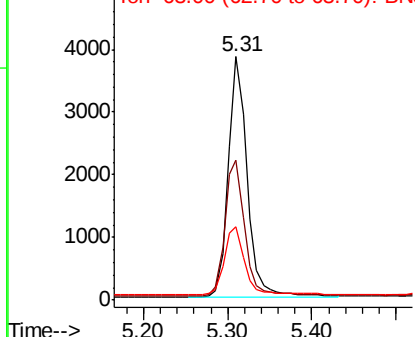
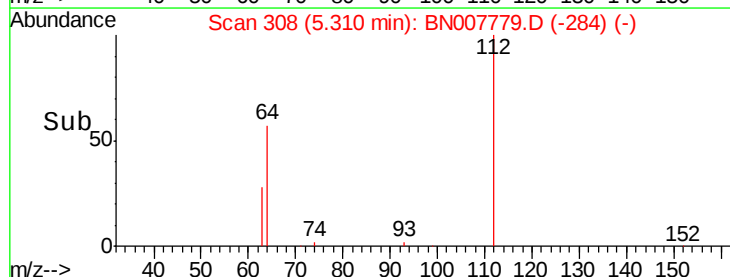
#4

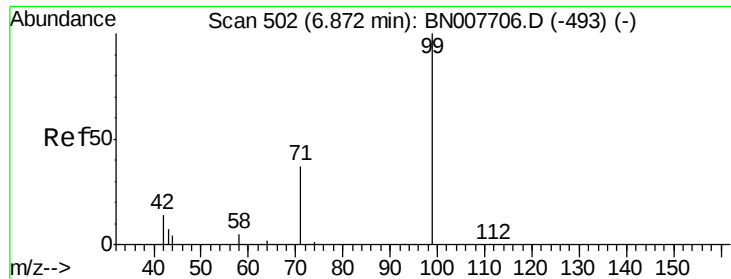
2-Fluorophenol
Concen: 0.250 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007779.D
Acq: 21 Sep 2019 01:18

Tgt Ion:112 Resp: 5940
Ion Ratio Lower Upper
112 100
64 59.5 46.6 70.0
63 30.6 23.1 34.7



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: 0.246 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007779.D

Acq: 21 Sep 2019 01:18

Instrument :

BNA_N

ClientSampleId :

PB122993BL

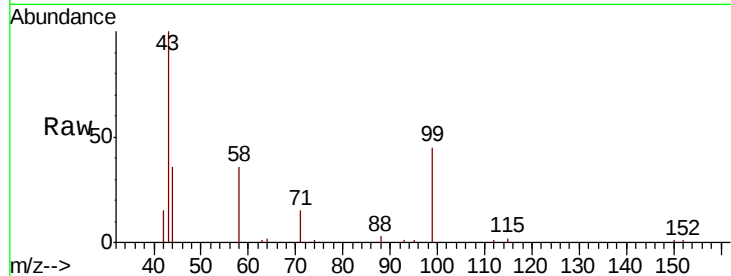
Tot Ion: 99 Resp: 7353

Ion Ratio Lower Upper

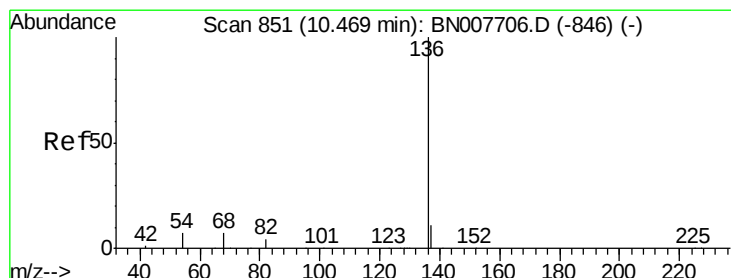
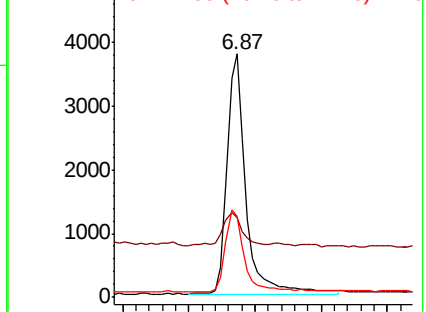
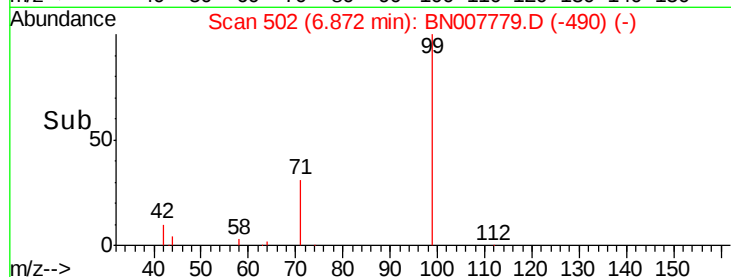
99 100

42 13.6 12.8 19.2

71 34.6 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007779.D (-835) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007779.D

Acq: 21 Sep 2019 01:18

Tgt Ion: 136 Resp: 26293

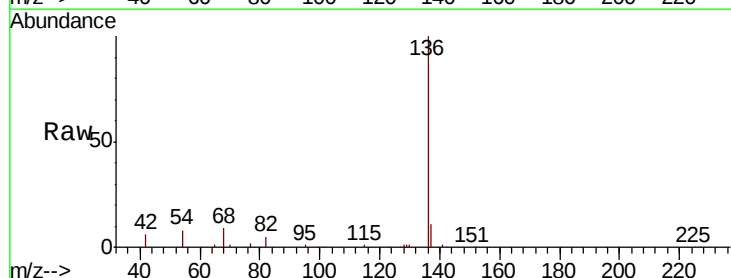
Ion Ratio Lower Upper

136 100

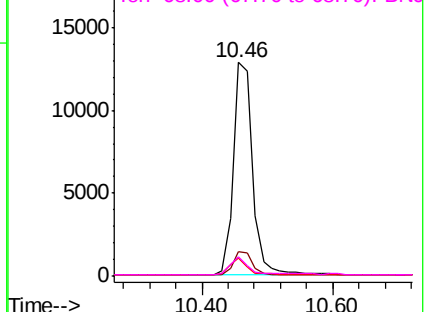
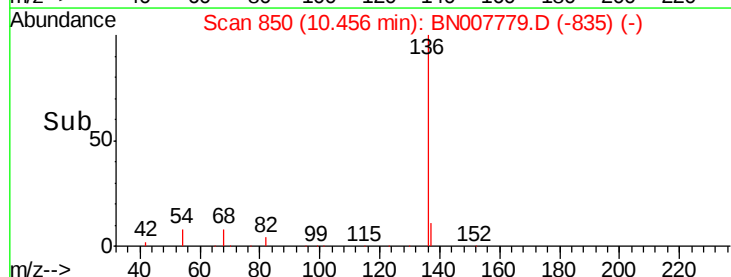
137 11.2 9.2 13.8

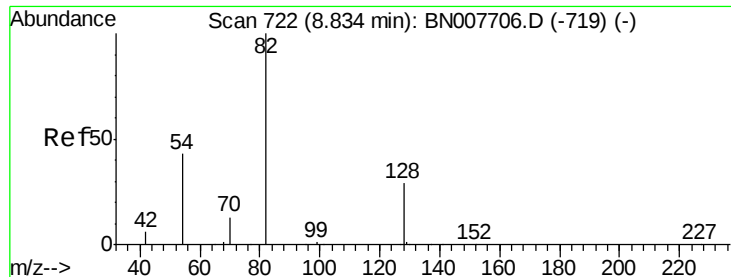
54 8.5 5.8 8.8

68 9.0 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): BN007779.D (-835) (-)





#8

Nitrobenzene-d5

Concen: 0.268 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007779.D

Acq: 21 Sep 2019 01:18

Instrument :

BNA_N

ClientSampleId :

PB122993BL

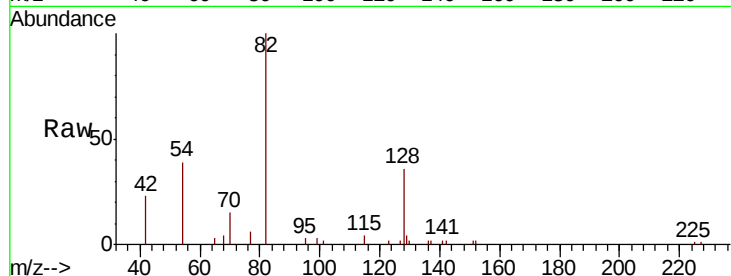
Tot Ion: 82 Resp: 6153

Ion Ratio Lower Upper

82 100

128 36.4 24.5 36.7

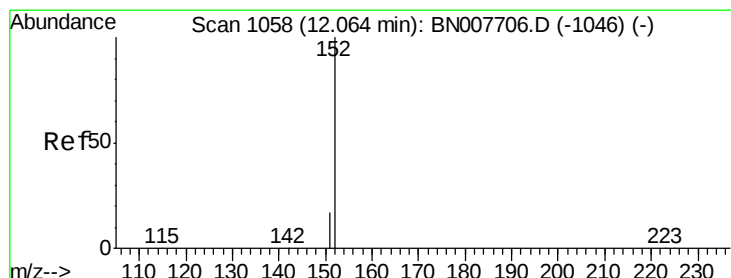
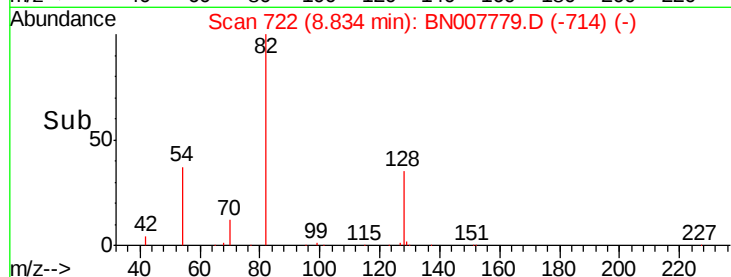
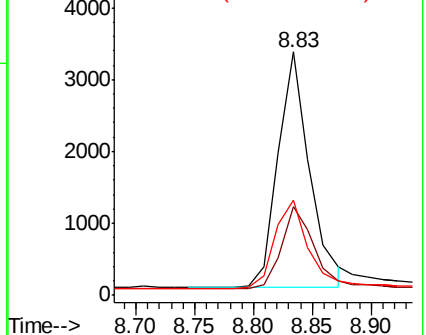
54 39.0 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): BN007779.D (-1013) (-)

Ion 128.00 (127.70 to 128.70): BN007779.D (-1013) (-)

Ion 54.00 (53.70 to 54.70): BN007779.D (-1013) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.325 ng

RT: 12.05 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BN007779.D

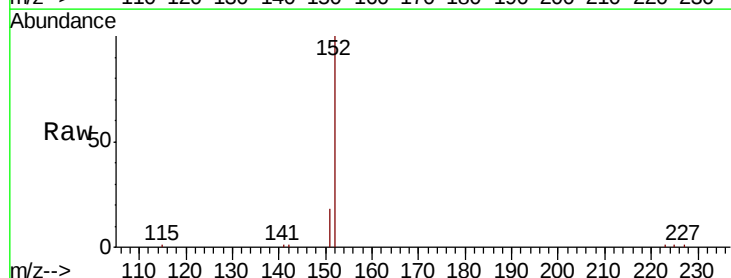
Acq: 21 Sep 2019 01:18

Tgt Ion: 152 Resp: 14394

Ion Ratio Lower Upper

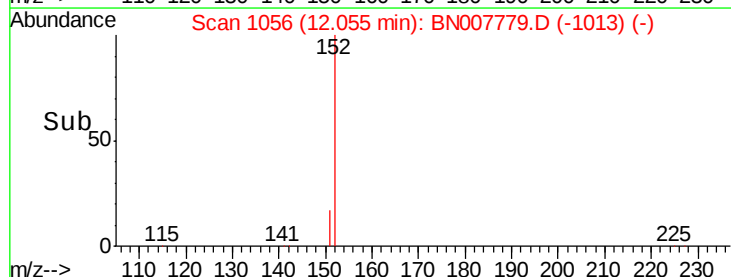
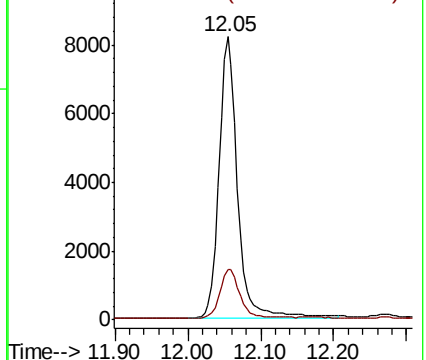
152 100

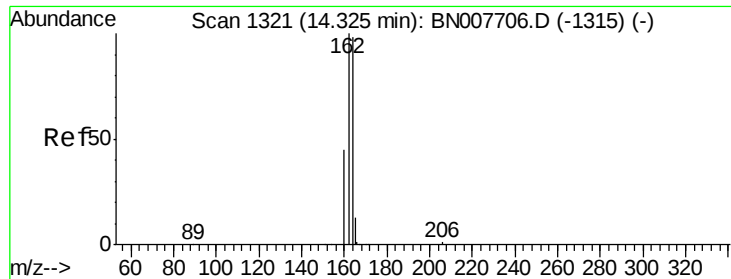
151 18.9 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): BN007779.D (-1013) (-)

Ion 151.00 (150.70 to 151.70): BN007779.D (-1013) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007779.D

Acq: 21 Sep 2019 01:18

Instrument :

BNA_N

ClientSampleId :

PB122993BL

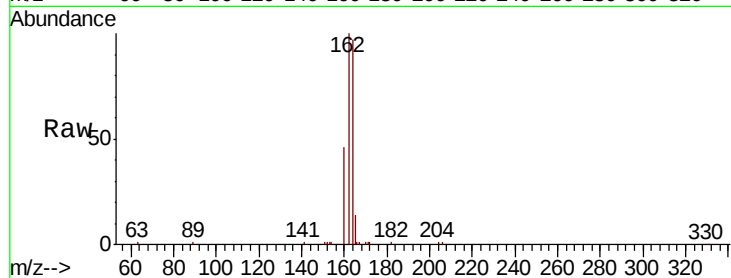
Tot Ion:164 Resp: 15252

Ion Ratio Lower Upper

164 100

162 102.7 81.7 122.5

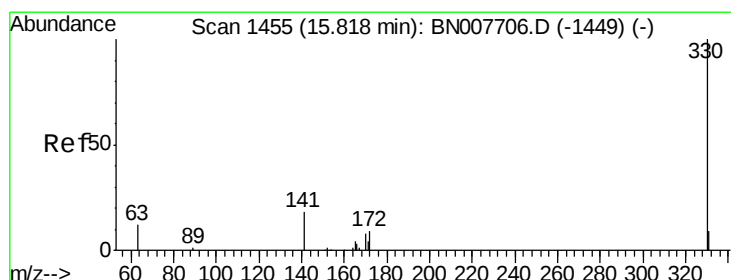
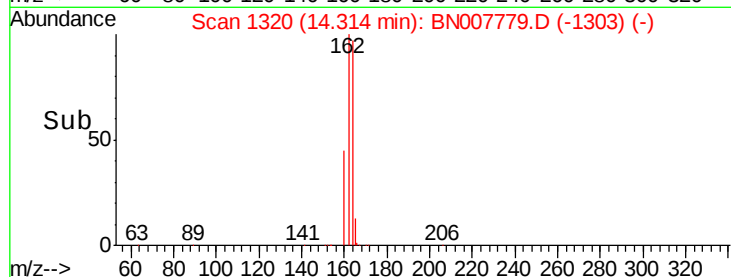
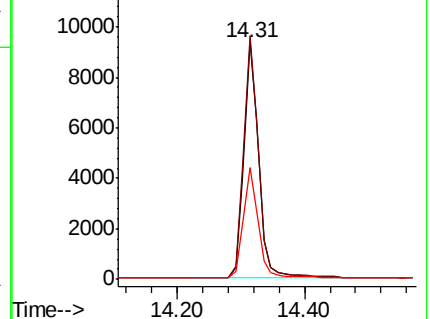
160 47.0 37.0 55.4



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: 0.190 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007779.D

Acq: 21 Sep 2019 01:18

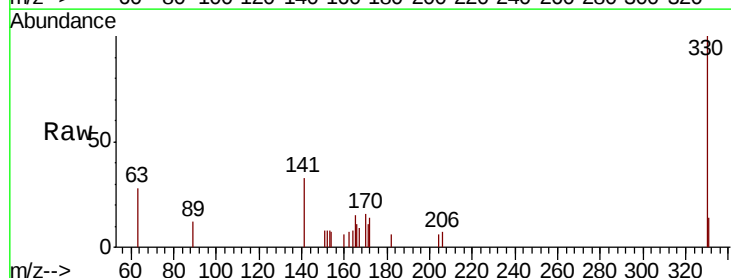
Tgt Ion:330 Resp: 1579

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

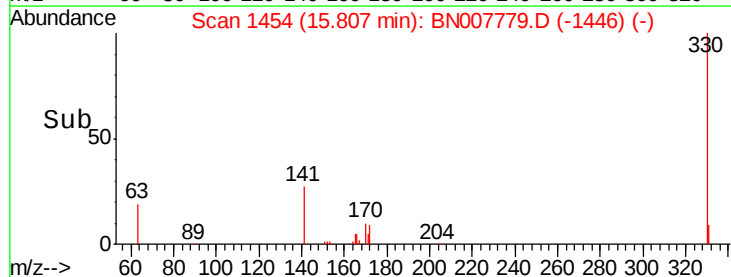
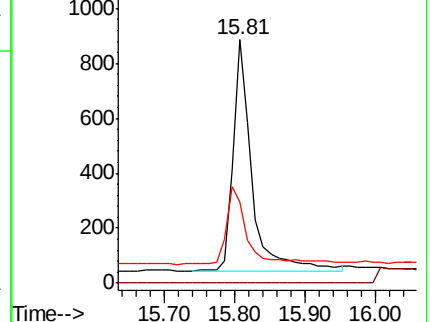
141 32.3 28.7 43.1

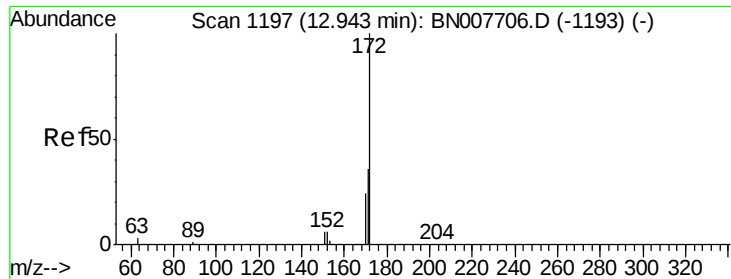


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

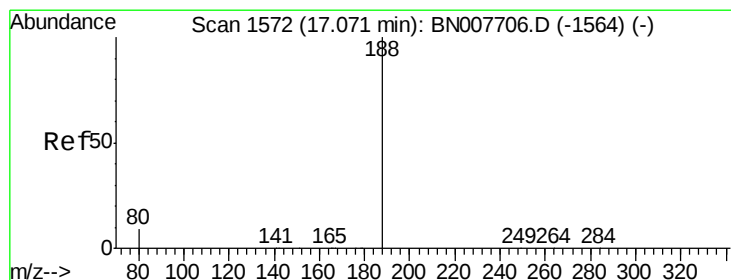
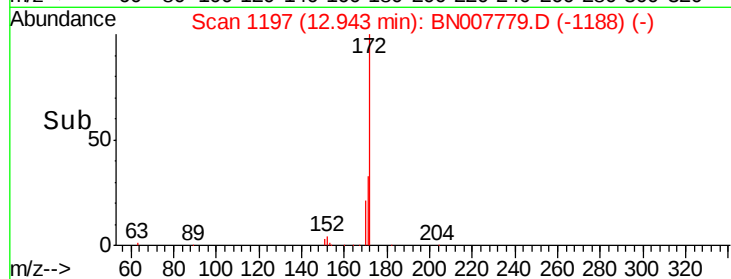
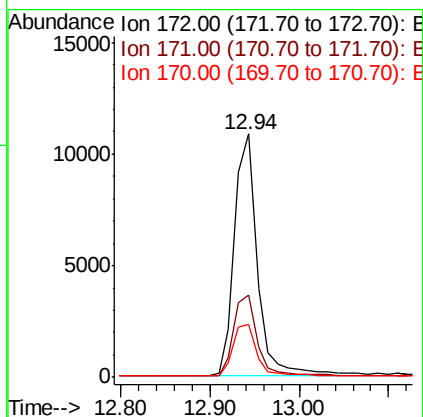
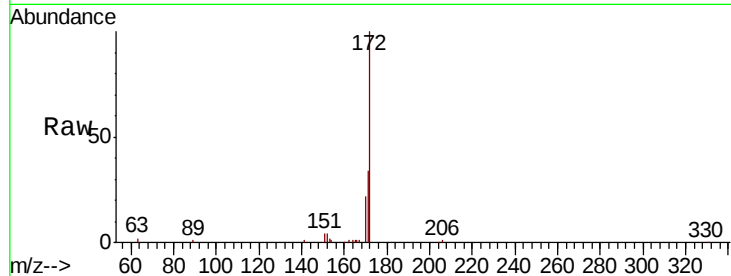




#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 12.94 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BN007779.D
Acq: 21 Sep 2019 01:18

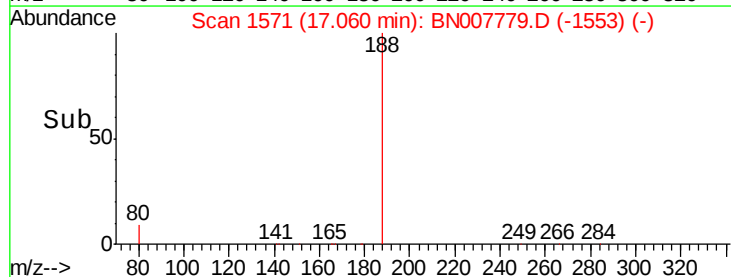
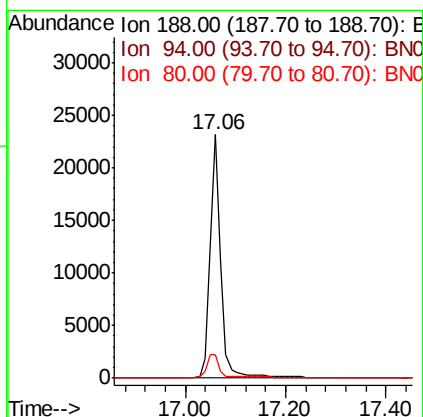
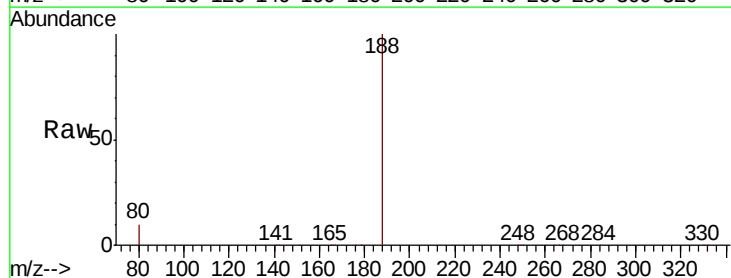
Instrument :
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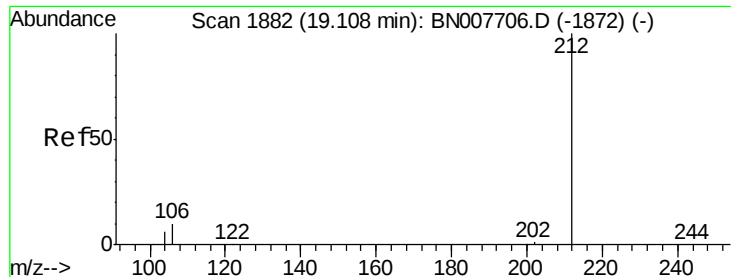
Tot Ion:172 Resp: 19511
Ion Ratio Lower Upper
172 100
171 33.7 28.8 43.2
170 21.8 19.5 29.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007779.D
Acq: 21 Sep 2019 01:18

Tgt Ion:188 Resp: 34615
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 7.4 11.2





#25

Fluoranthene-d10

Concen: 0.308 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN007779.D

Acq: 21 Sep 2019 01:18

Instrument :

BNA_N

ClientSampleId :

PB122993BL

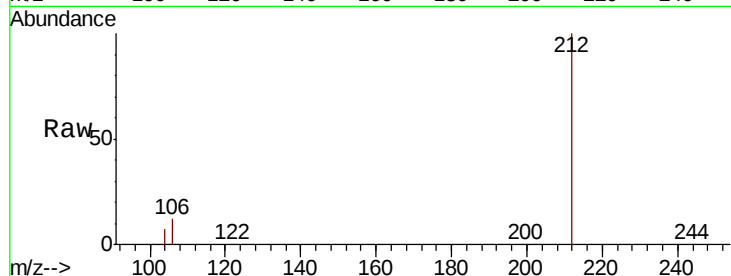
Tot Ion:212 Resp: 35897

Ion Ratio Lower Upper

212 100

106 11.9 9.4 14.0

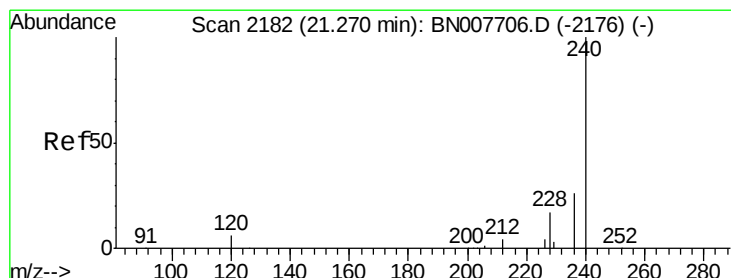
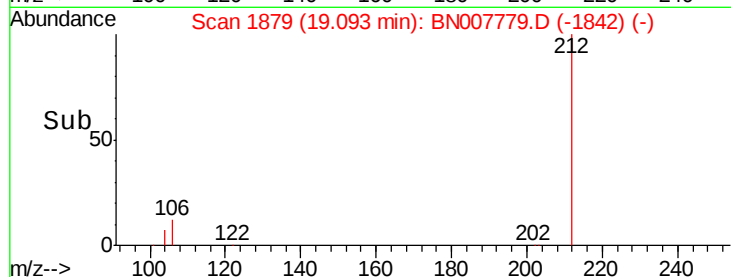
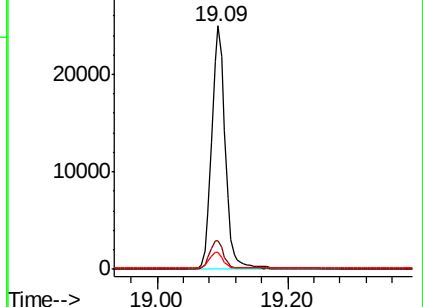
104 6.6 5.3 7.9



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# 2180

Delta R.T. -0.02 min

Lab File: BN007779.D

Acq: 21 Sep 2019 01:18

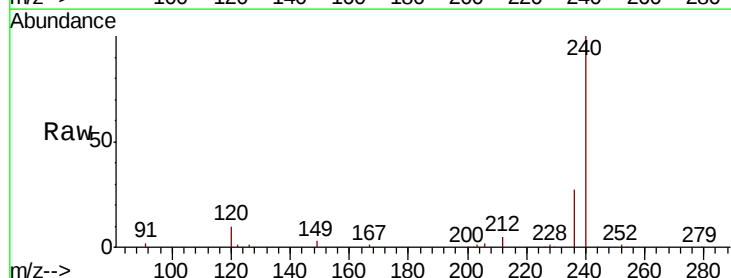
Tgt Ion:240 Resp: 33248

Ion Ratio Lower Upper

240 100

120 10.4 5.4 8.2#

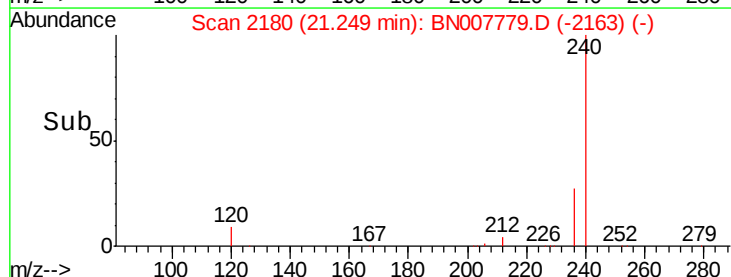
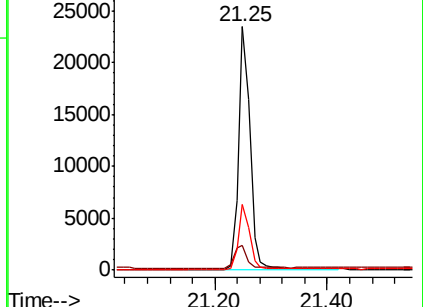
236 26.9 21.0 31.4

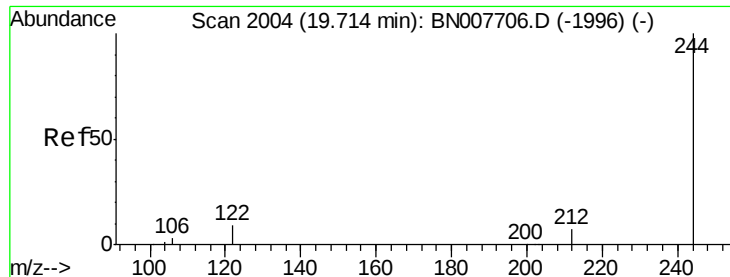


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.366 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007779.D

Acq: 21 Sep 2019 01:18

Instrument :

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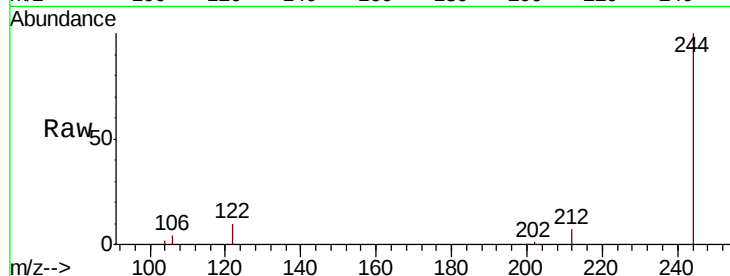
Tot Ion:244 Resp: 29891

Ion Ratio Lower Upper

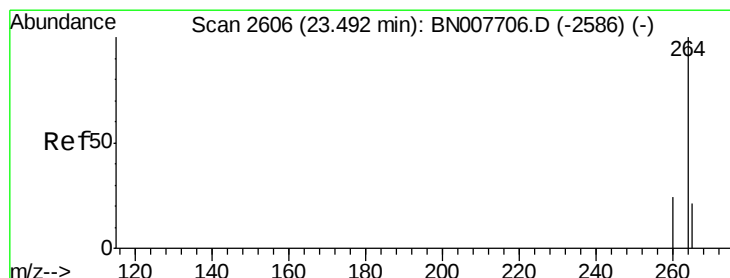
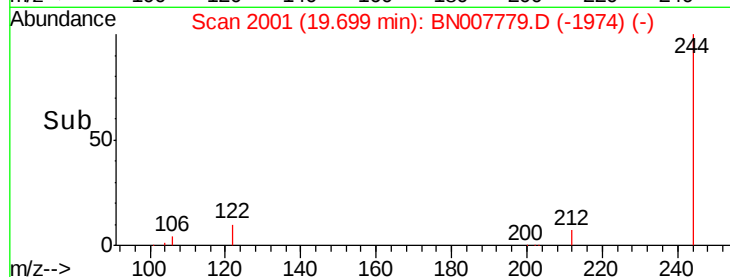
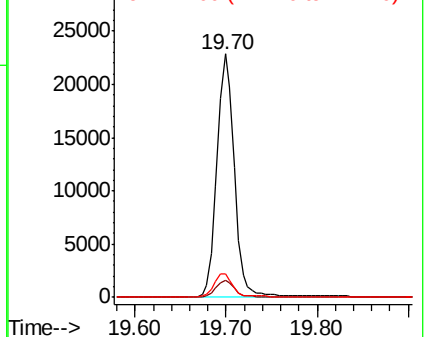
244 100

212 7.3 5.9 8.9

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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.46 min Scan# 2598

Delta R.T. -0.03 min

Lab File: BN007779.D

Acq: 21 Sep 2019 01:18

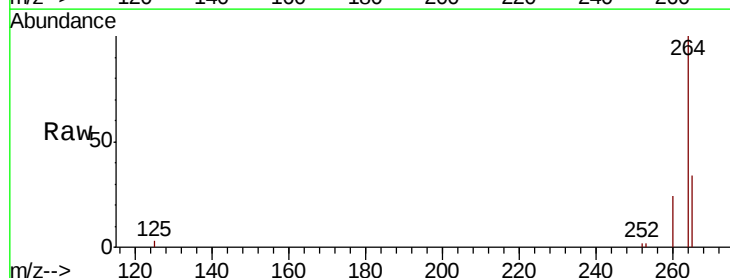
Tgt Ion:264 Resp: 33686

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 34.2 26.9 40.3



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

