

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
 Data File : BN007093.D
 Acq On : 12 Aug 2019 12:17
 Operator : HP/JU
 Sample : PB122090BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122090BL

Quant Time: Aug 13 04:41:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 10 21:44:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	7425	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	27483	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	14712	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	36266	0.40	ng	0.00
26) Chrysene-d12	21.05	240	31971	0.40	ng	-0.01
32) Perylene-d12	23.16	264	29771	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	5655	0.32	ng	0.00
4) Phenol-d6	6.61	99	7408	0.34	ng	0.00
7) Nitrobenzene-d5	8.56	82	5986	0.27	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	15731	0.31	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	1066	0.13	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	4662	0.22	ng	0.00
24) Fluoranthene-d10	18.87	212	38253	0.30	ng	0.00
28) Terphenyl-d14	19.49	244	30196	0.35	ng	0.00

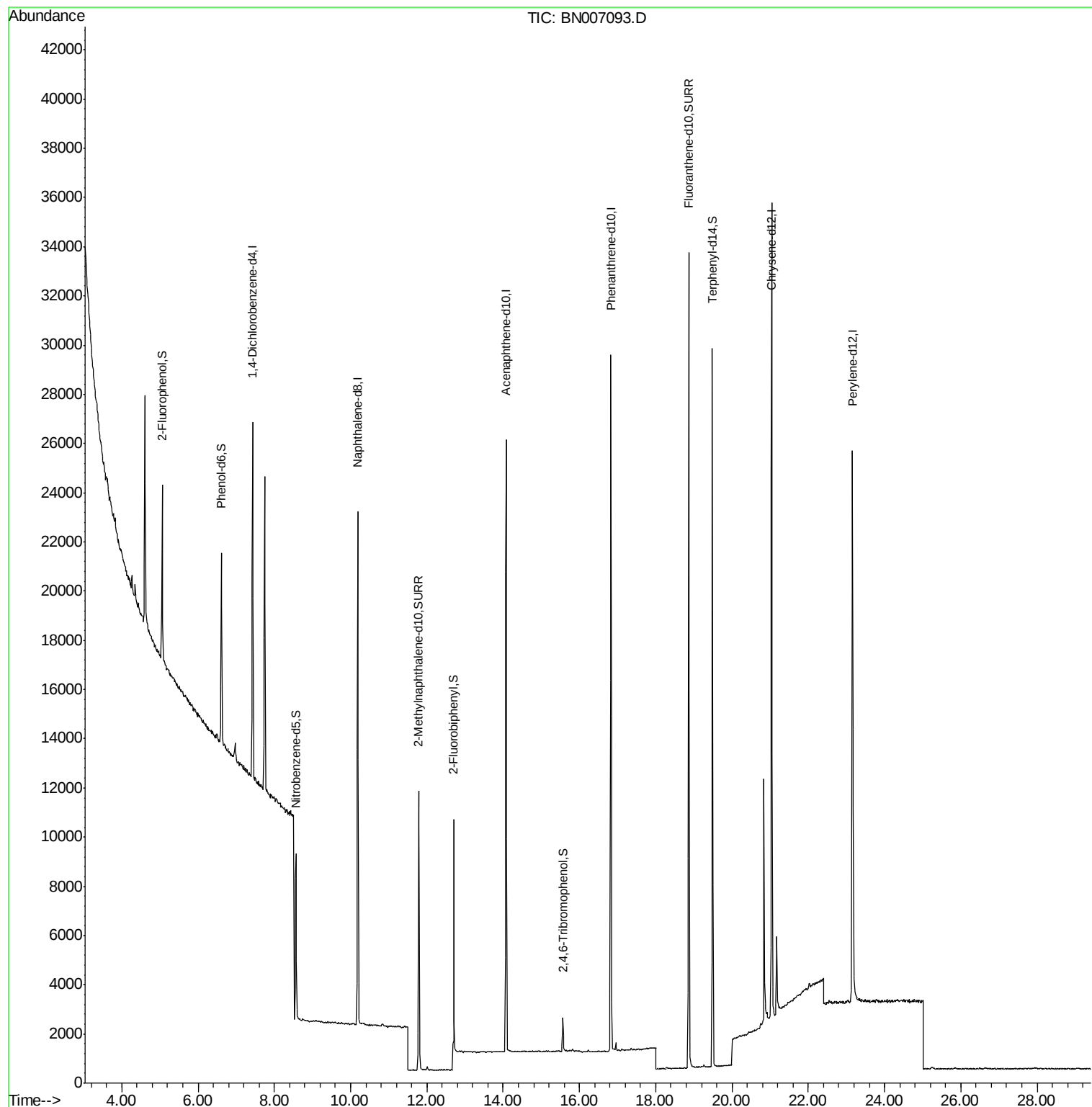
Target Compounds	Qvalue
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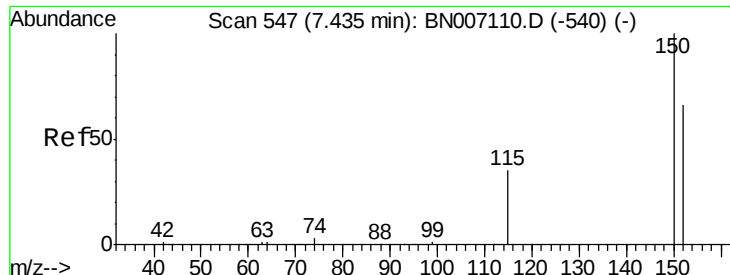
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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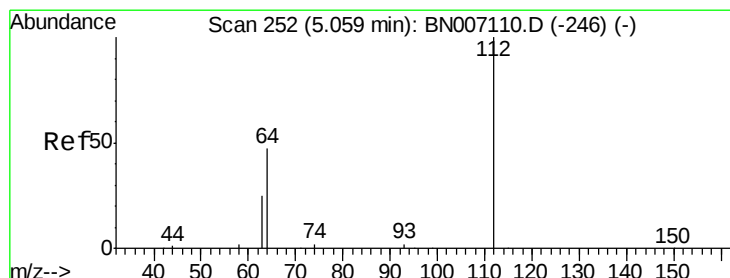
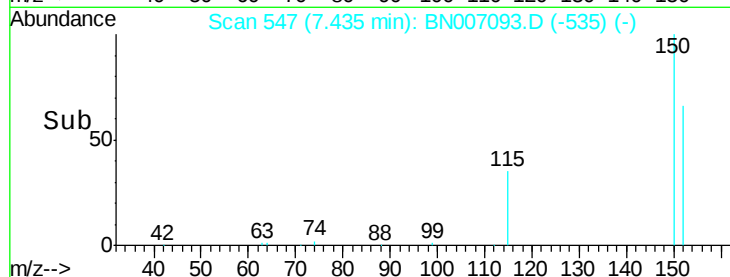
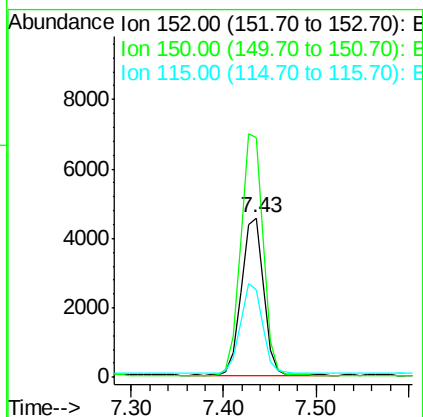
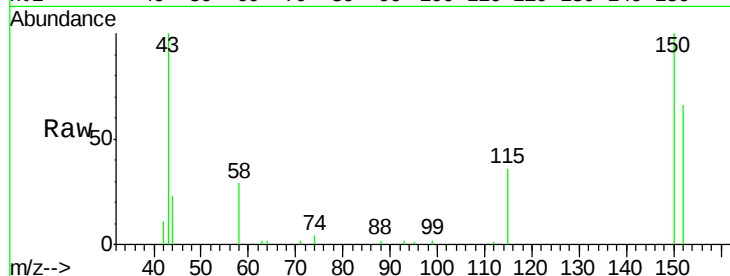


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007093.D
Acq: 12 Aug 2019 12:17

Instrument :
BNA_N
ClientSampleId :
PB122090BL

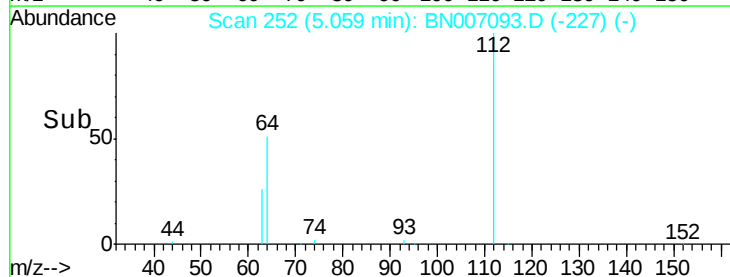
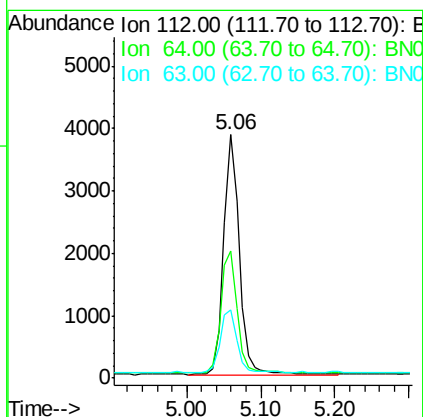
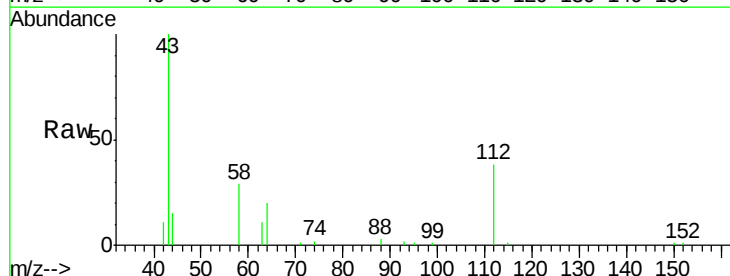
Tot Ion:152 Resp: 7425
Ion Ratio Lower Upper
152 100
150 150.4 121.7 182.5
115 54.8 46.2 69.4

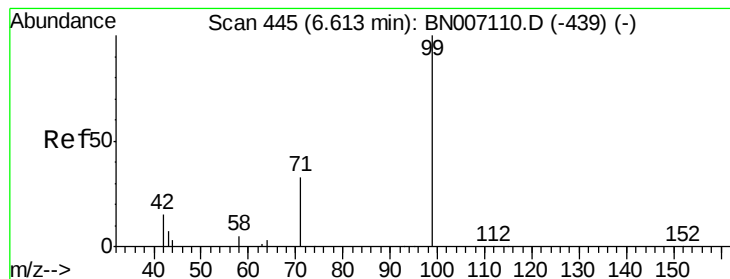


#3

2-Fluorophenol
Concen: 0.317 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007093.D
Acq: 12 Aug 2019 12:17

Tgt Ion:112 Resp: 5655
Ion Ratio Lower Upper
112 100
64 53.0 42.6 63.8
63 27.9 22.2 33.2





#4

Phenol-d6

Concen: 0.335 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007093.D

Acq: 12 Aug 2019 12:17

Instrument :

BNA_N

ClientSampleId :

PB122090BL

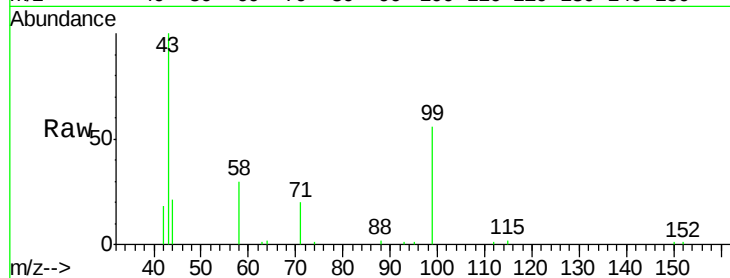
Tot Ion: 99 Resp: 7408

Ion Ratio Lower Upper

99 100

42 17.6 15.8 23.6

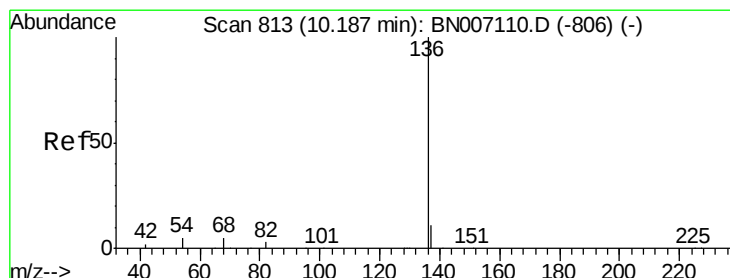
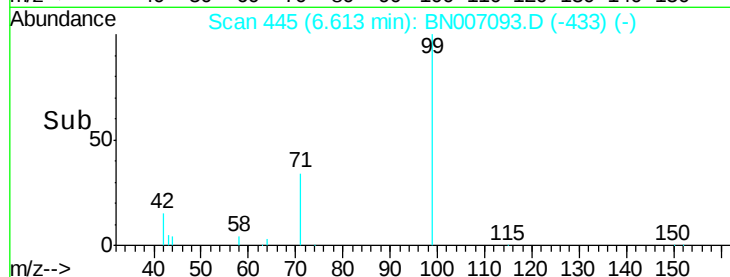
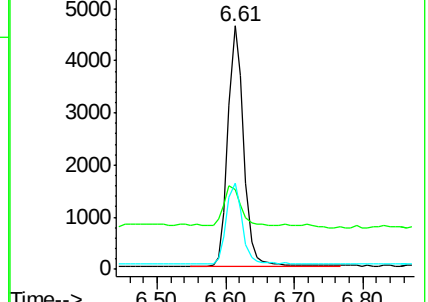
71 34.3 27.0 40.4



Abundance Ion 99.00 (98.70 to 99.70): BN007093.D (-797) (-)

Ion 42.00 (41.70 to 42.70): BN007093.D (-797) (-)

Ion 71.00 (70.70 to 71.70): BN007093.D (-797) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007093.D

Acq: 12 Aug 2019 12:17

Tgt Ion: 136 Resp: 27483

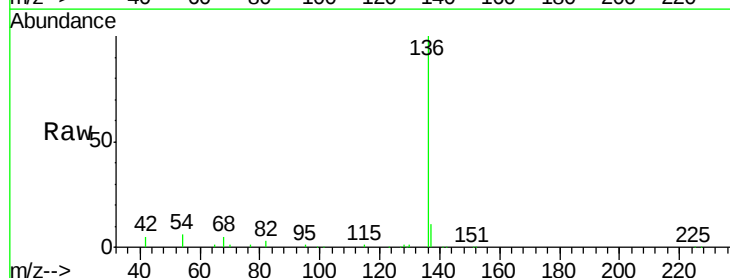
Ion Ratio Lower Upper

136 100

137 11.4 9.4 14.0

54 5.7 6.6 9.8#

68 5.5 6.0 9.0#

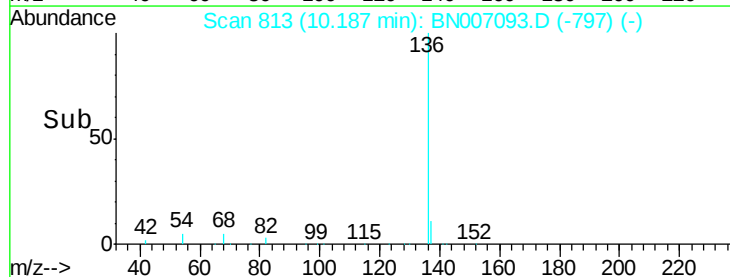
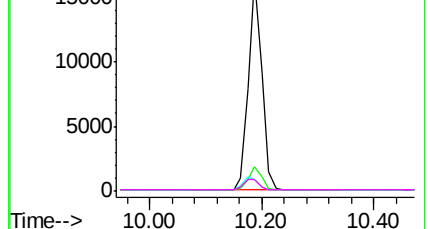


Abundance Ion 136.00 (135.70 to 136.70): BN007093.D (-797) (-)

Ion 137.00 (136.70 to 137.70): BN007093.D (-797) (-)

Ion 54.00 (53.70 to 54.70): BN007093.D (-797) (-)

Ion 68.00 (67.70 to 68.70): BN007093.D (-797) (-)





#7

Nitrobenzene-d5

Concen: 0.270 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007093.D

Acq: 12 Aug 2019 12:17

Instrument :

BNA_N

ClientSampleId :

PB122090BL

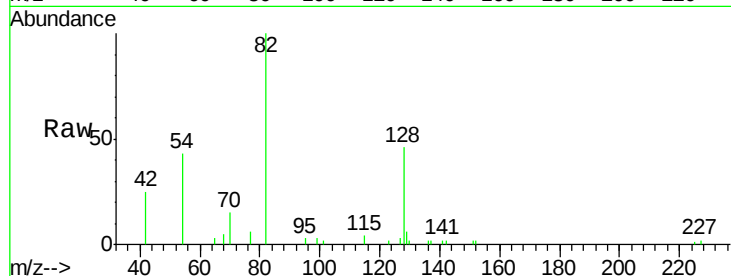
Tot Ion: 82 Resp: 5986

Ion Ratio Lower Upper

82 100

128 46.4 34.6 51.8

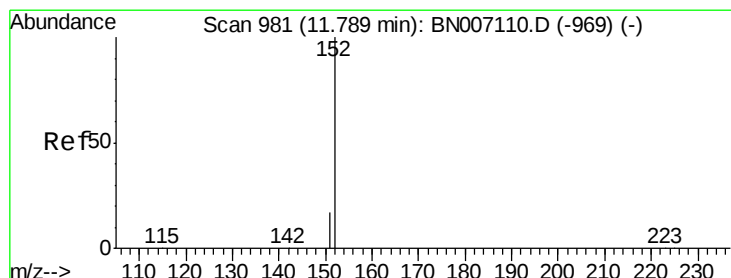
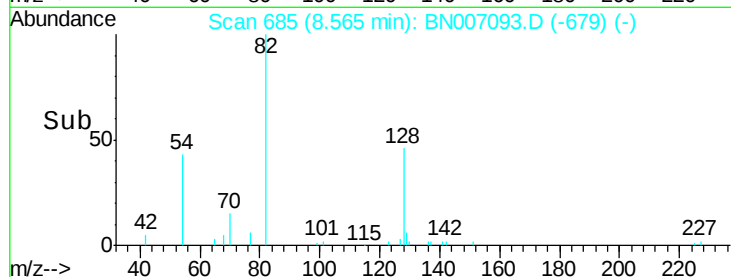
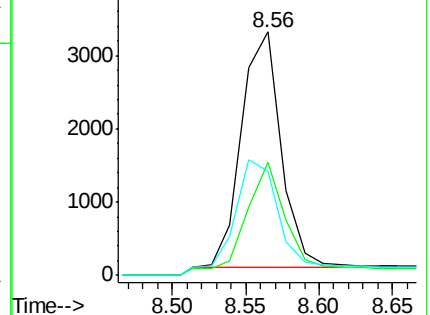
54 42.9 36.2 54.4



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: 0.307 ng

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007093.D

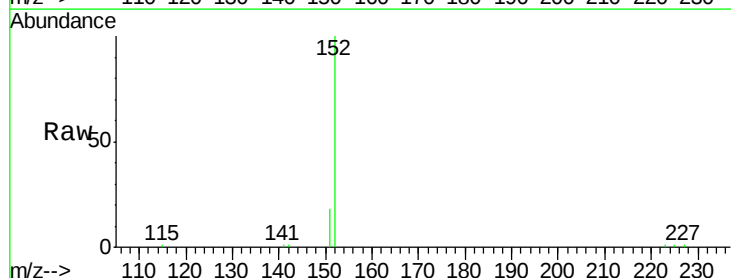
Acq: 12 Aug 2019 12:17

Tgt Ion: 152 Resp: 15731

Ion Ratio Lower Upper

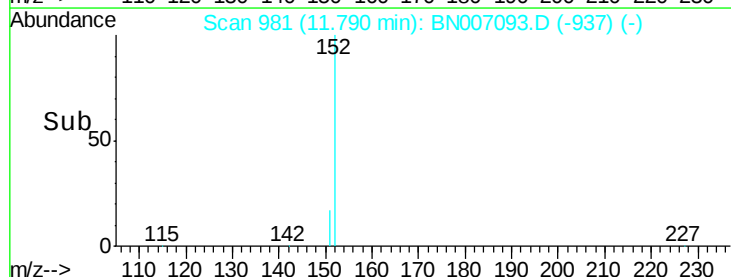
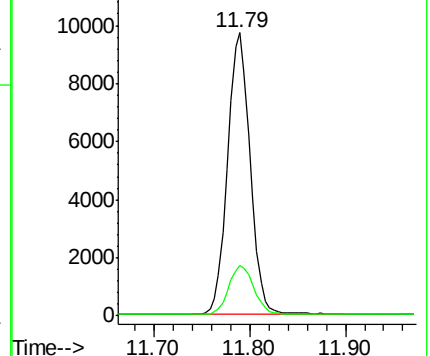
152 100

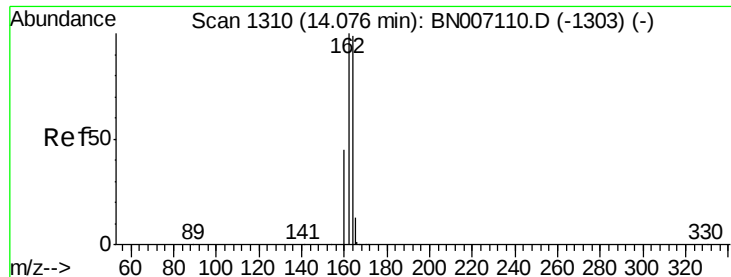
151 19.4 15.5 23.3



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: BN007093.D

Acq: 12 Aug 2019 12:17

Instrument :

BNA_N

ClientSampleId :

PB122090BL

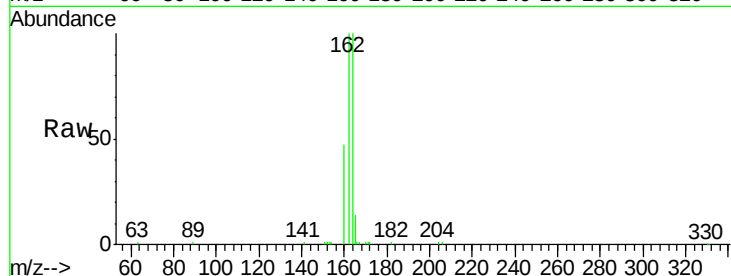
Tot Ion:164 Resp: 14712

Ion Ratio Lower Upper

164 100

162 100.4 82.2 123.4

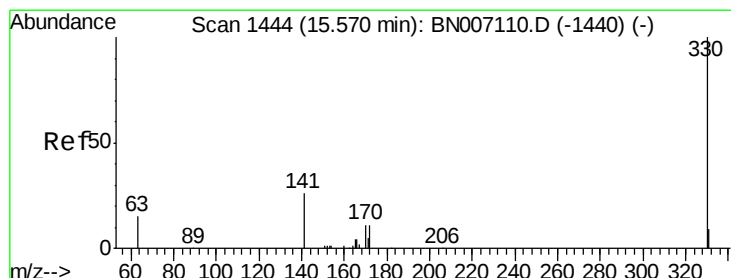
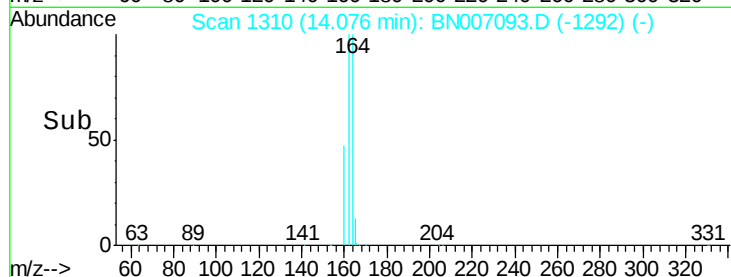
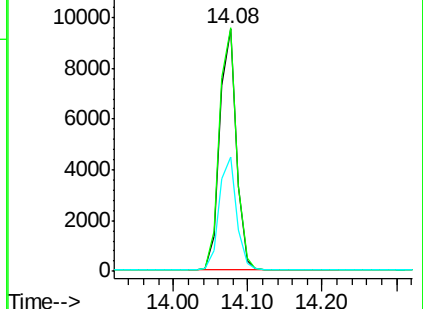
160 47.0 38.3 57.5



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: 0.135 ng

RT: 15.57 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BN007093.D

Acq: 12 Aug 2019 12:17

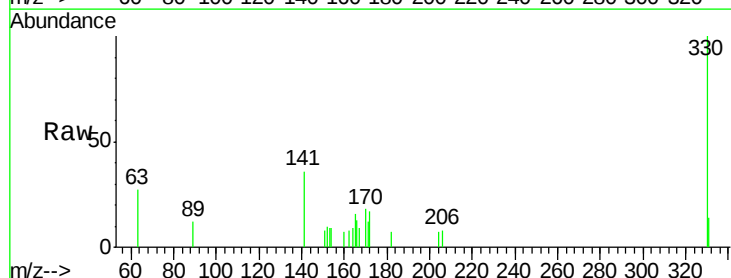
Tgt Ion:330 Resp: 1066

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

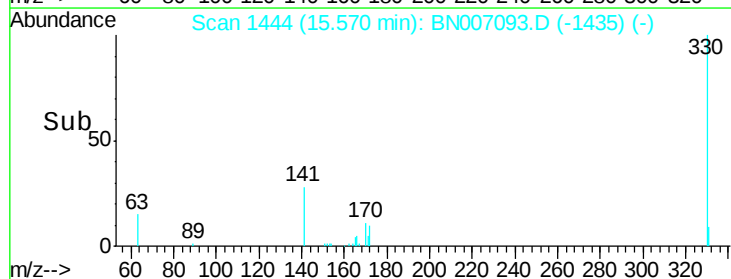
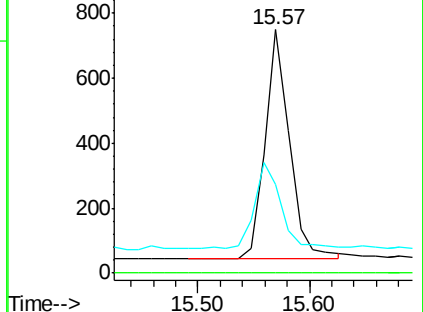
141 41.6 33.6 50.4

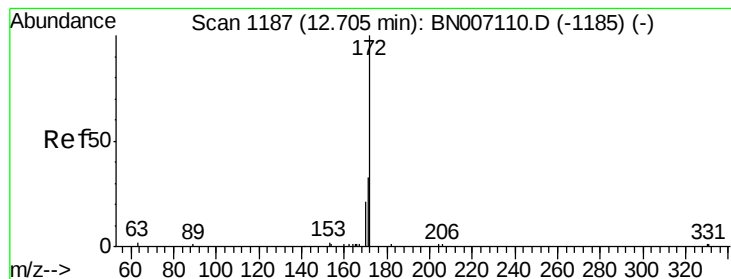


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

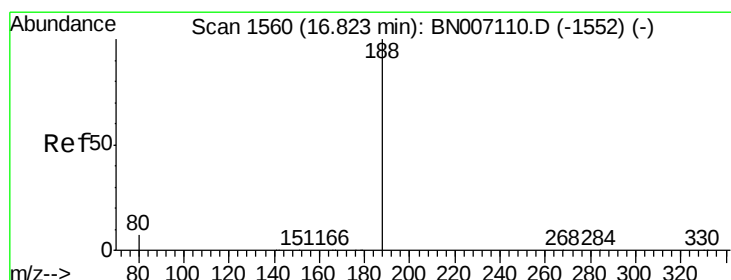
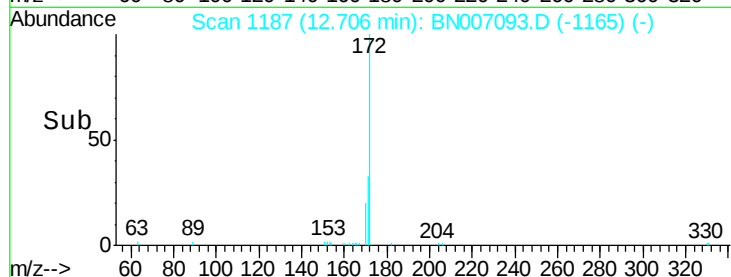
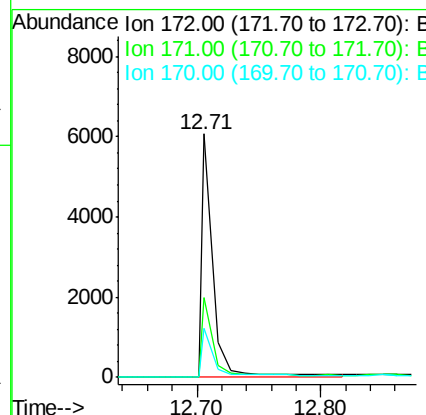
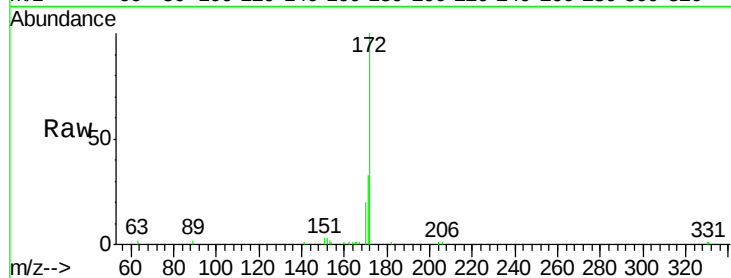




#14
2-Fluorobiphenyl
Concen: 0.218 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007093.D
Acq: 12 Aug 2019 12:17

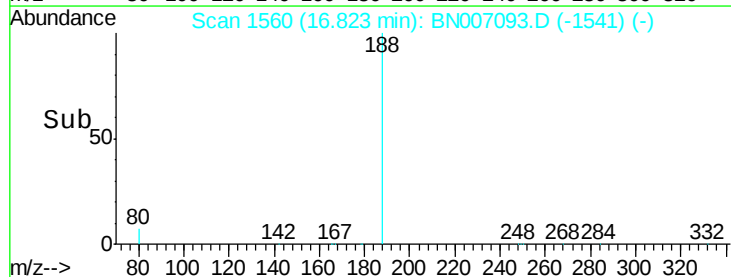
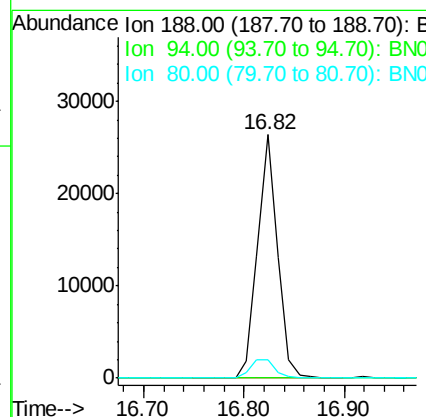
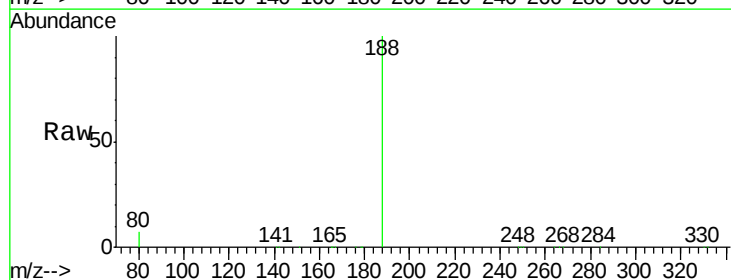
Instrument :
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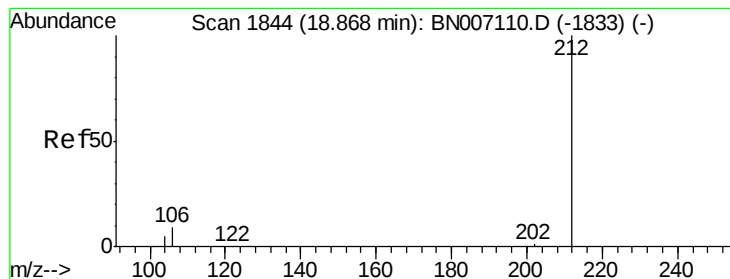
Tot Ion:172 Resp: 4662
Ion Ratio Lower Upper
172 100
171 32.7 26.3 39.5
170 20.3 17.0 25.4



#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007093.D
Acq: 12 Aug 2019 12:17

Tgt Ion:188 Resp: 36266
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.3 7.8 11.6#





#24

Fluoranthene-d10

Concen: 0.297 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007093.D

Acq: 12 Aug 2019 12:17

Instrument :

BNA_N

ClientSampleId :

PB122090BL

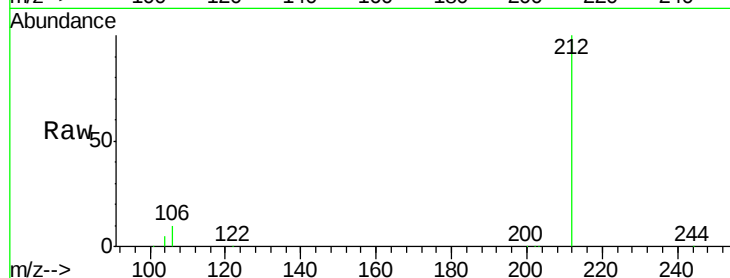
Tot Ion:212 Resp: 38253

Ion Ratio Lower Upper

212 100

106 9.9 8.2 12.2

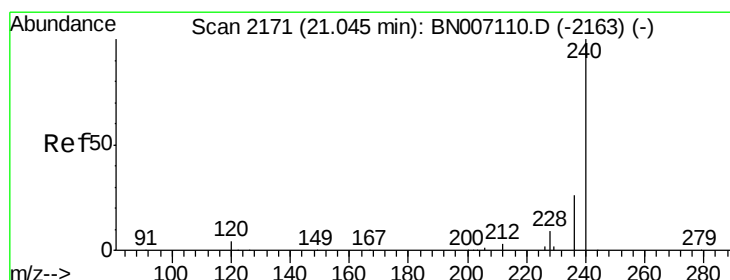
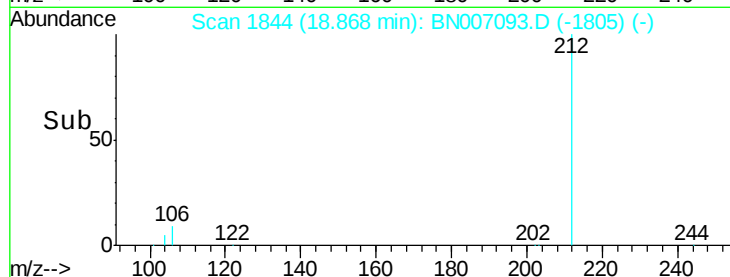
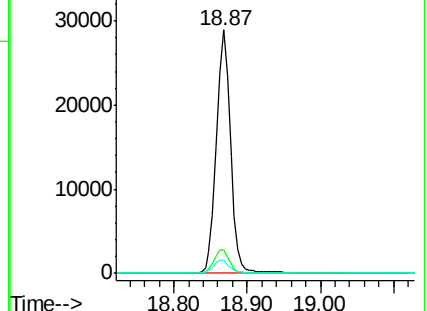
104 5.5 4.5 6.7



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: BN007093.D

Acq: 12 Aug 2019 12:17

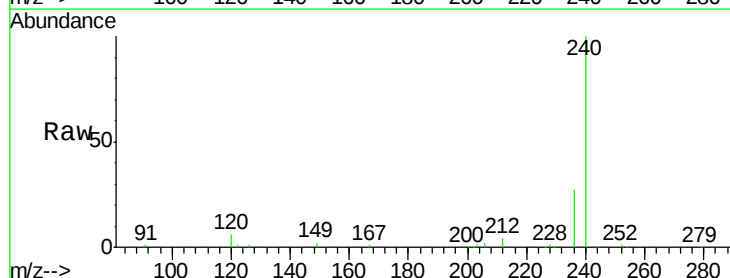
Tgt Ion:240 Resp: 31971

Ion Ratio Lower Upper

240 100

120 5.9 4.0 6.0

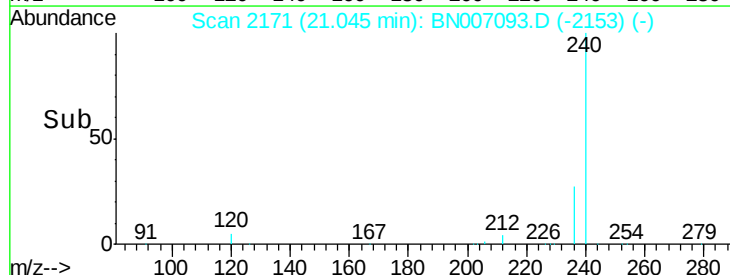
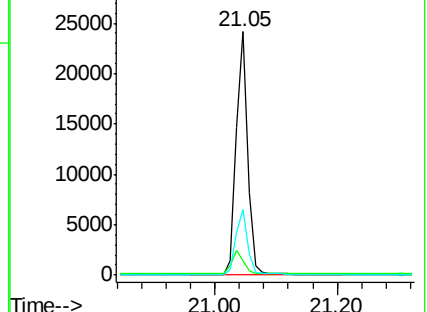
236 27.0 21.3 31.9

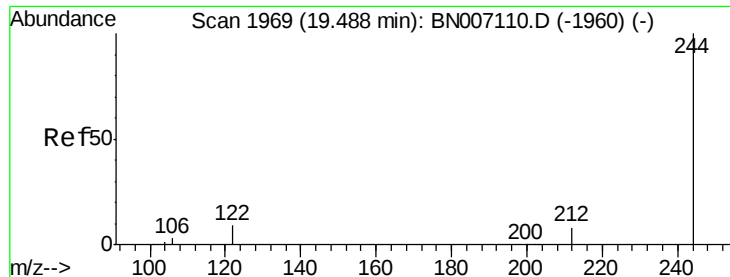


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Terphenyl-d14

Concen: 0.347 ng

RT: 19.49 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BN007093.D

Acq: 12 Aug 2019 12:17

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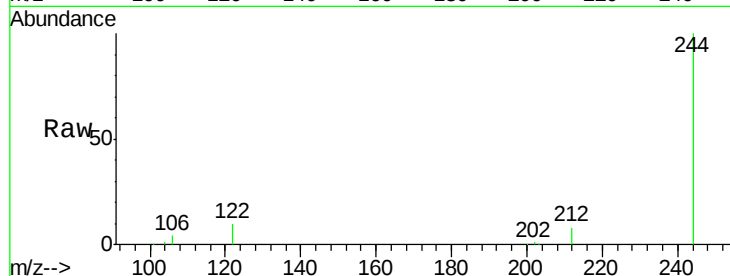
Tot Ion:244 Resp: 30196

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

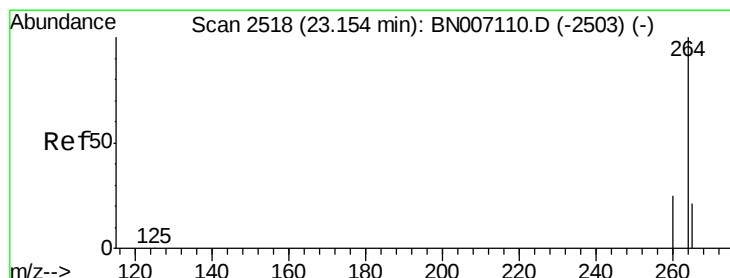
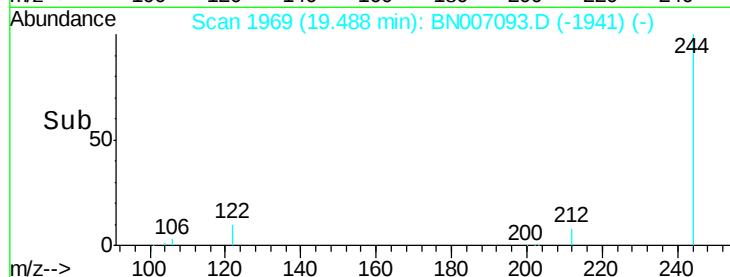
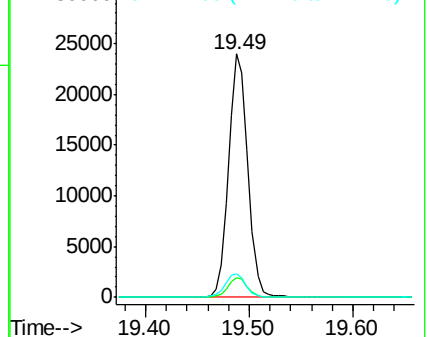
122 9.9 7.4 11.2



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: BN007093.D

Acq: 12 Aug 2019 12:17

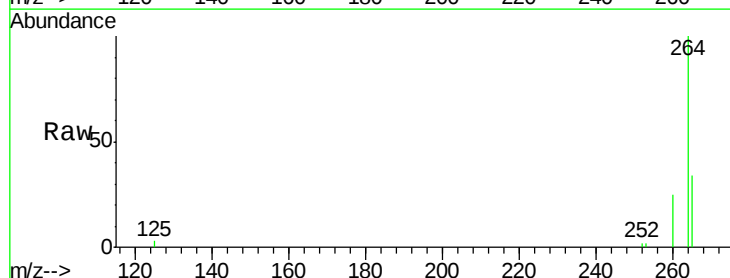
Tgt Ion:264 Resp: 29771

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.8

265 34.5 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

