

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090619\
 Data File : BN007550.D
 Acq On : 06 Sep 2019 20:12
 Operator : HP/JU
 Sample : PB122863BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122863BL

Quant Time: Sep 07 00:13:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 12:18:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	5581	0.40	ng	-0.02
7) Naphthalene-d8	10.15	136	20583	0.40	ng	-0.01
13) Acenaphthene-d10	14.04	164	10983	0.40	ng	-0.01
19) Phenanthrene-d10	16.80	188	22964	0.40	ng	0.00
27) Chrysene-d12	21.02	240	20138	0.40	ng	0.00
34) Perylene-d12	23.11	264	23083	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.02	112	5821	0.29	ng	-0.02
5) Phenol-d6	6.59	99	6276	0.24	ng	0.00
8) Nitrobenzene-d5	8.54	82	4817	0.27	ng	0.01
11) 2-Methylnaphthalene-d10	11.76	152	11052	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.56	330	943	0.16	ng	0.00
15) 2-Fluorobiphenyl	12.67	172	13093	0.30	ng	0.01
25) Fluoranthene-d10	18.84	212	24093	0.33	ng	0.00
29) Terphenyl-d14	19.46	244	17915	0.34	ng	0.00

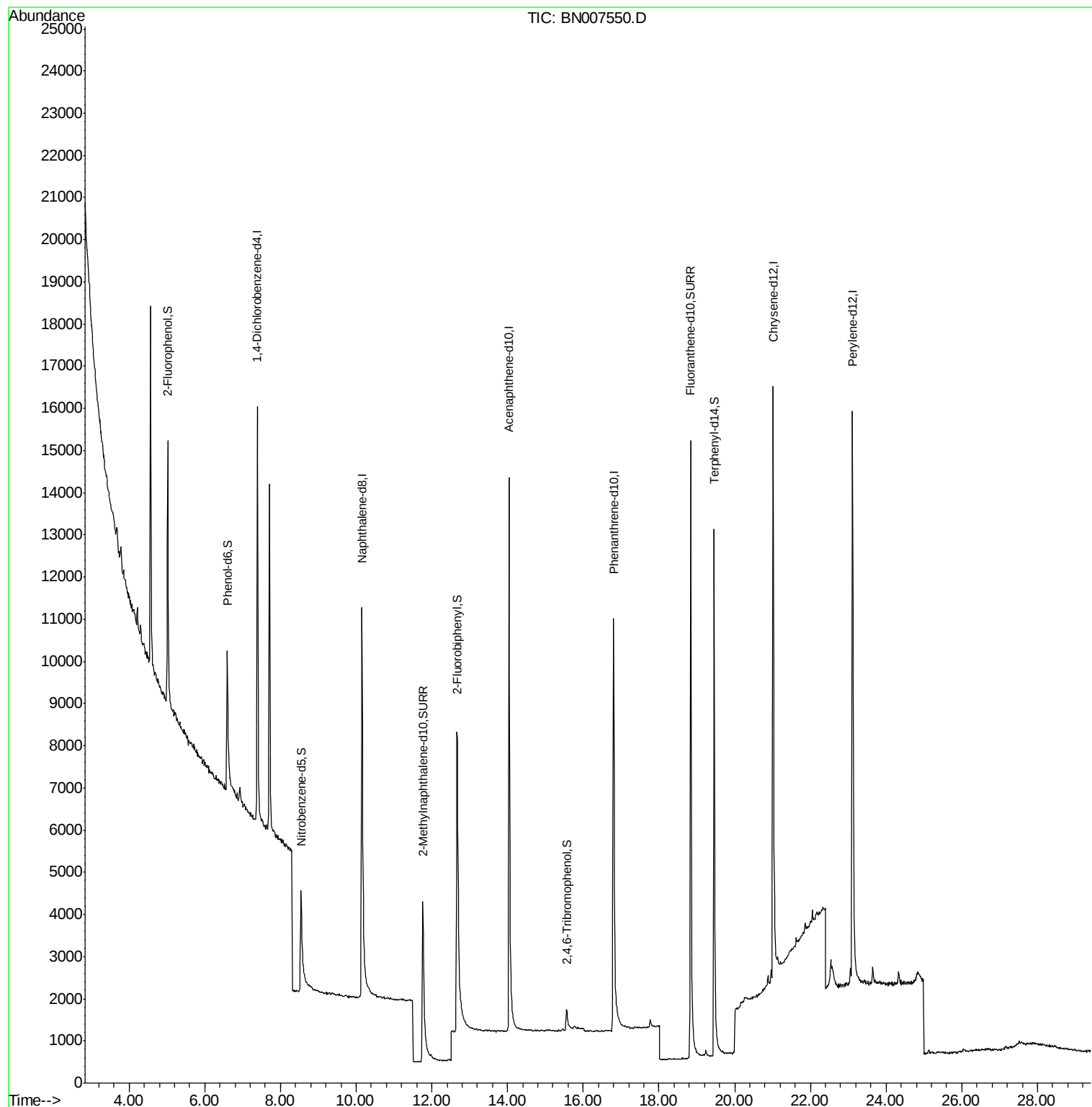
Target Compounds	Qvalue

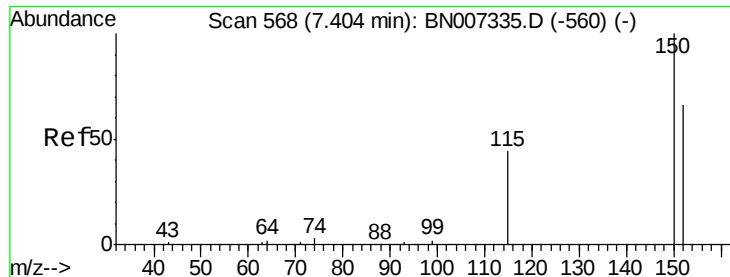
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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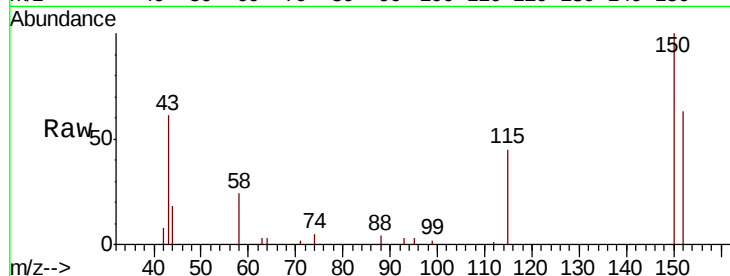




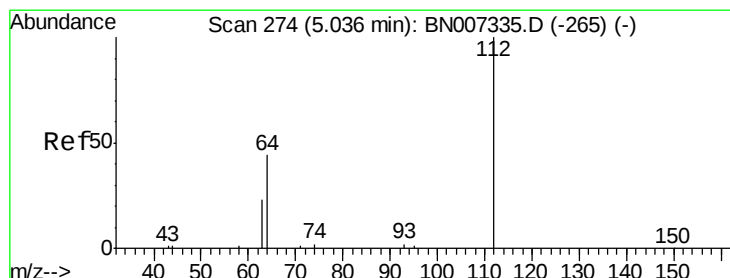
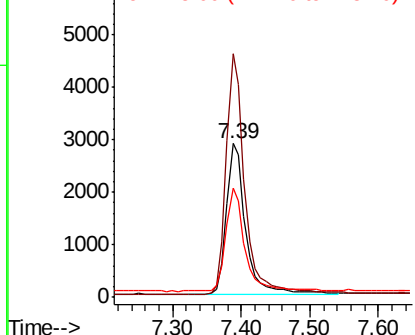
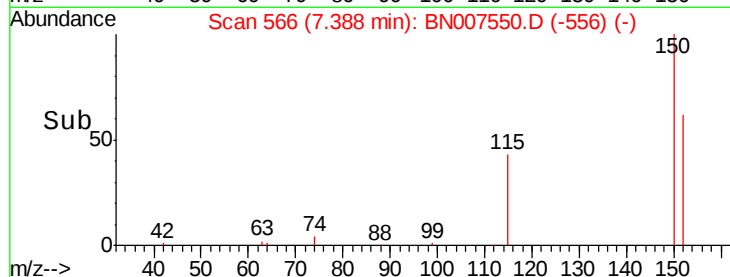
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.39 min Scan# 566
 Delta R.T. -0.02 min
 Lab File: BN007550.D
 Acq: 06 Sep 2019 20:12

Instrument :
 BNA_N
 ClientSampleId :
 PB122863BL

Tot Ion:152 Resp: 5581
 Ion Ratio Lower Upper
 152 100
 150 158.4 109.1 163.7
 115 71.4 59.6 89.4

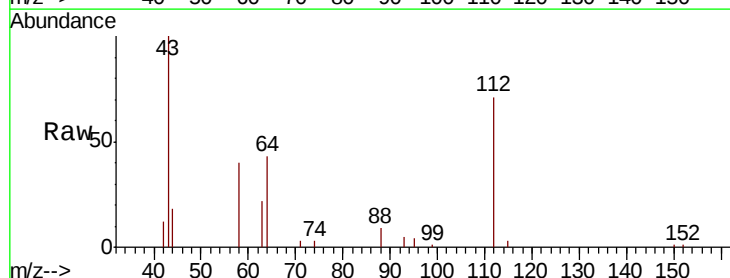


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

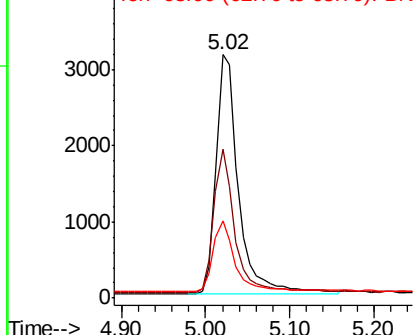
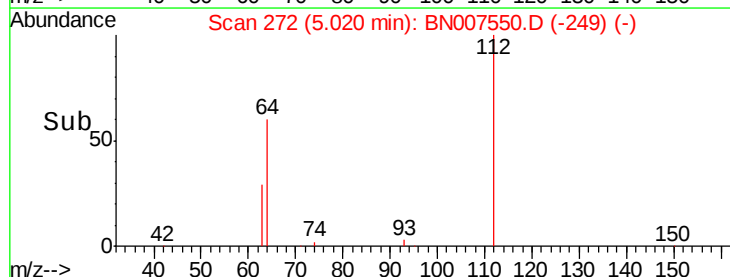


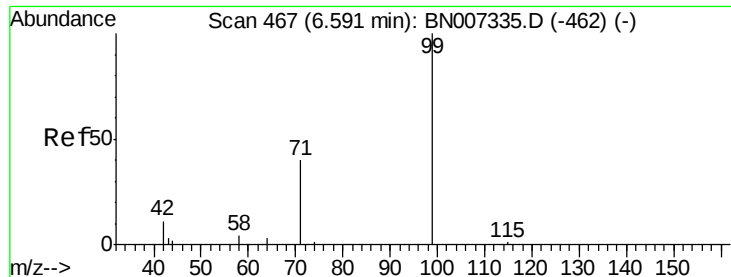
#4
 2-Fluorophenol
 Concen: 0.293 ng
 RT: 5.02 min Scan# 272
 Delta R.T. -0.02 min
 Lab File: BN007550.D
 Acq: 06 Sep 2019 20:12

Tgt Ion:112 Resp: 5821
 Ion Ratio Lower Upper
 112 100
 64 57.5 42.3 63.5
 63 28.1 23.6 35.4



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: 0.243 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007550.D

Acq: 06 Sep 2019 20:12

Instrument :

BNA_N

ClientSampleId :

PB122863BL

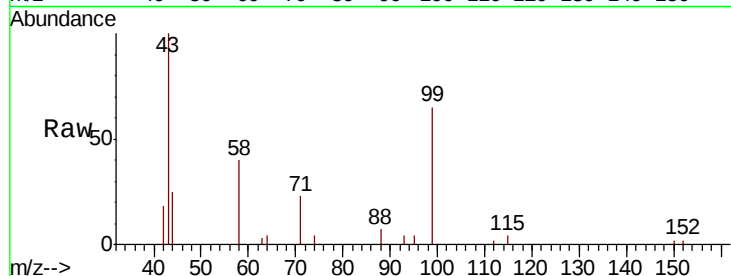
Tot Ion: 99 Resp: 6276

Ion Ratio Lower Upper

99 100

42 10.3 11.2 16.8#

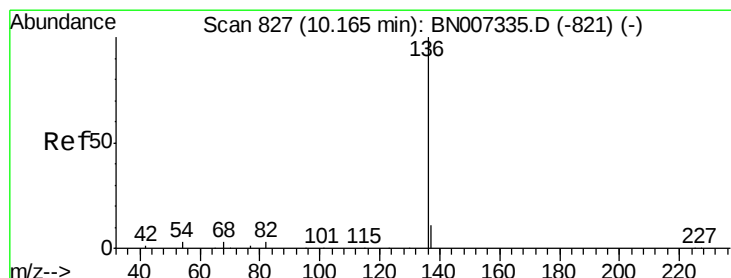
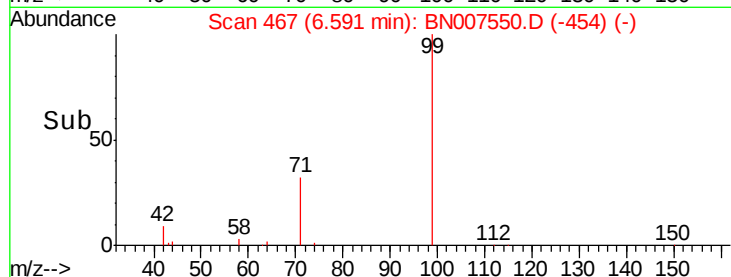
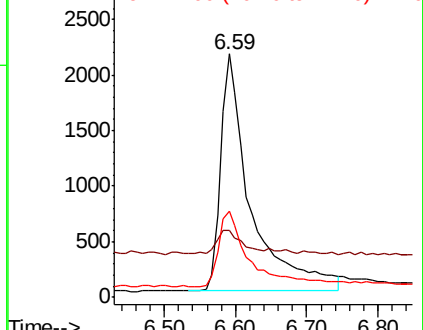
71 33.9 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007550.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007550.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007550.D (-462) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007550.D

Acq: 06 Sep 2019 20:12

Tgt Ion: 136 Resp: 20583

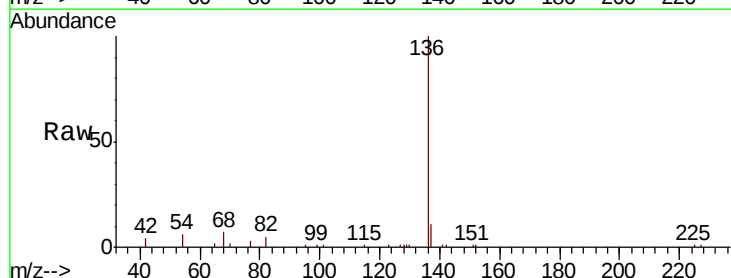
Ion Ratio Lower Upper

136 100

137 11.4 12.9 19.3#

54 5.5 8.6 12.8#

68 7.4 17.0 25.4#

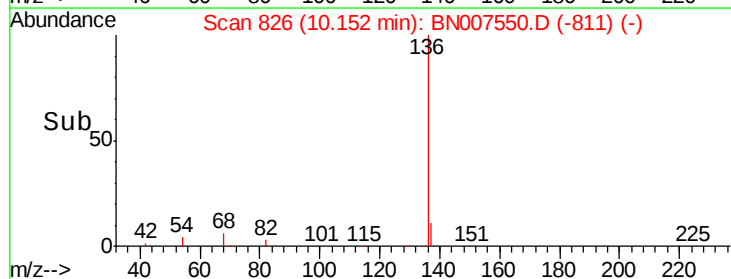
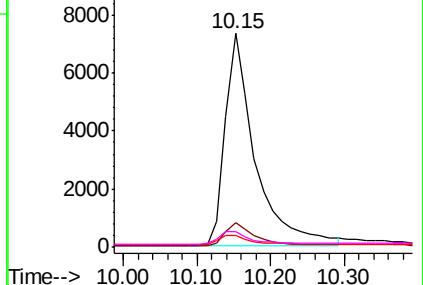


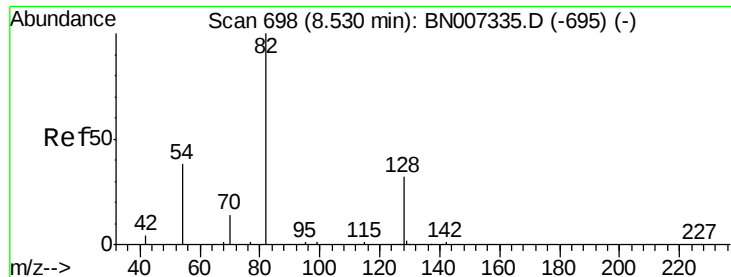
Abundance Ion 136.00 (135.70 to 136.70): BN007550.D (-821) (-)

Ion 137.00 (136.70 to 137.70): BN007550.D (-821) (-)

Ion 54.00 (53.70 to 54.70): BN007550.D (-821) (-)

Ion 68.00 (67.70 to 68.70): BN007550.D (-821) (-)





#8

Nitrobenzene-d5

Concen: 0.269 ng

RT: 8.54 min Scan# 699

Delta R.T. 0.01 min

Lab File: BN007550.D

Acq: 06 Sep 2019 20:12

Instrument :

BNA_N

ClientSampleId :

PB122863BL

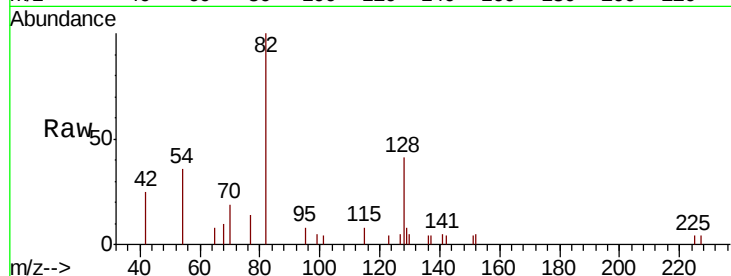
Tot Ion: 82 Resp: 4817

Ion Ratio Lower Upper

82 100

128 40.7 19.7 29.5#

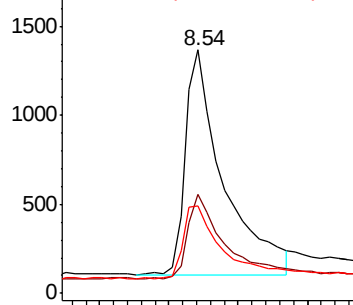
54 35.8 25.8 38.6



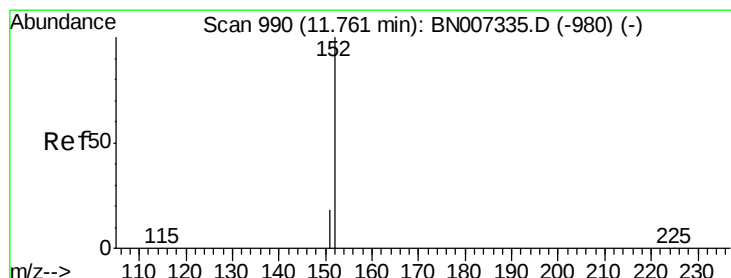
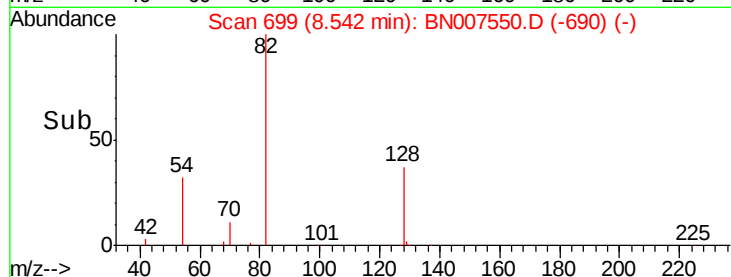
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.323 ng

RT: 11.76 min Scan# 990

Delta R.T. -0.00 min

Lab File: BN007550.D

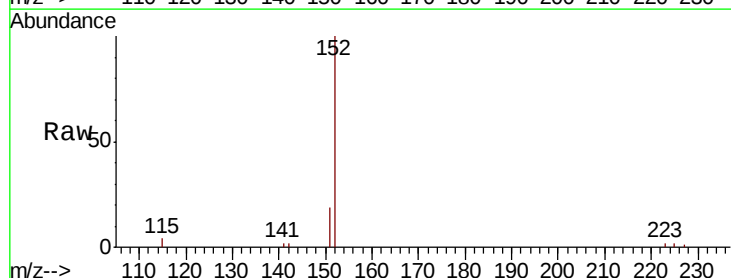
Acq: 06 Sep 2019 20:12

Tgt Ion: 152 Resp: 11052

Ion Ratio Lower Upper

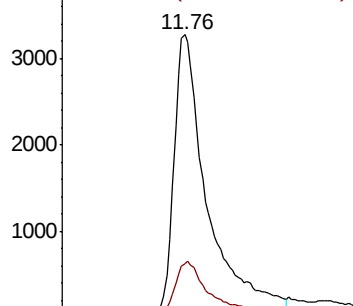
152 100

151 19.1 16.2 24.2

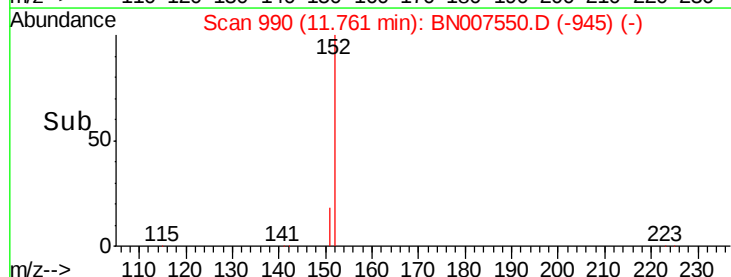


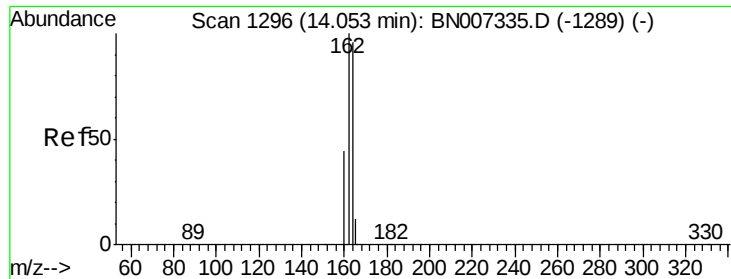
Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC



Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.04 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BN007550.D

Acq: 06 Sep 2019 20:12

Instrument :

BNA_N

ClientSampleId :

PB122863BL

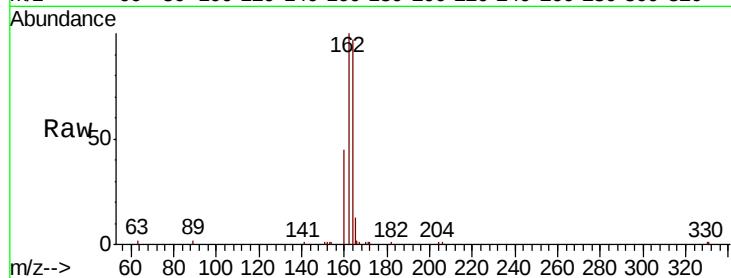
Tot Ion:164 Resp: 10983

Ion Ratio Lower Upper

164 100

162 103.1 83.5 125.3

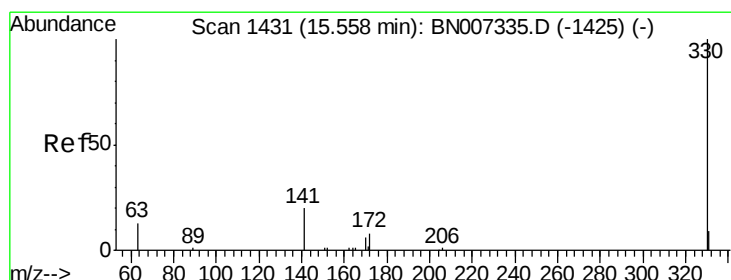
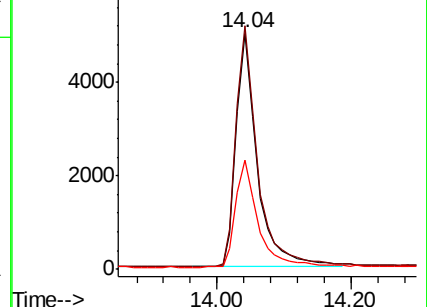
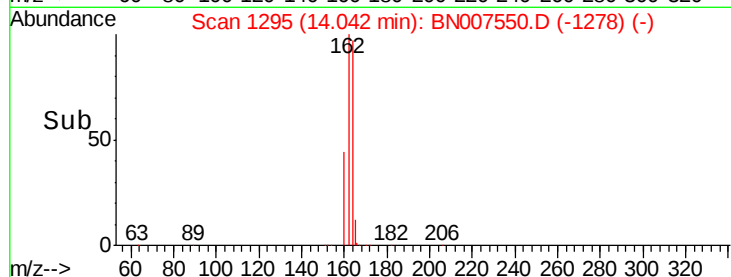
160 46.3 38.2 57.4



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: 0.164 ng

RT: 15.56 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BN007550.D

Acq: 06 Sep 2019 20:12

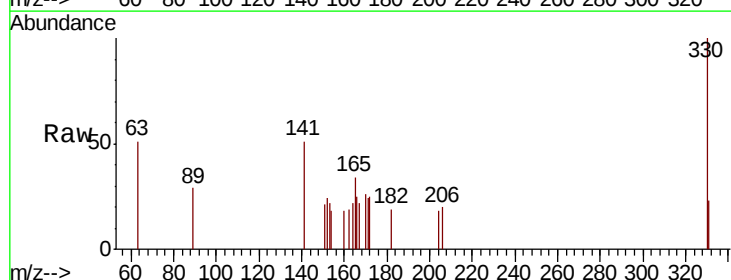
Tgt Ion:330 Resp: 943

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

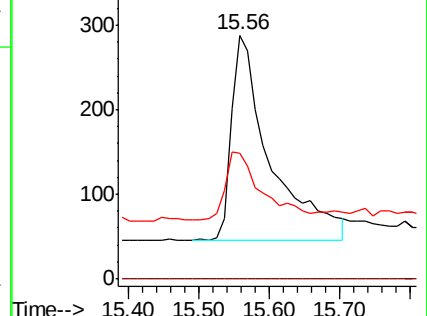
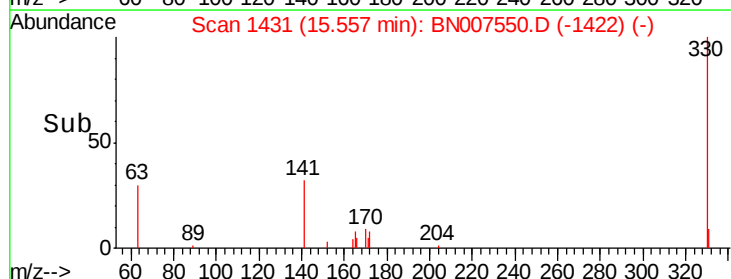
141 30.3 26.9 40.3

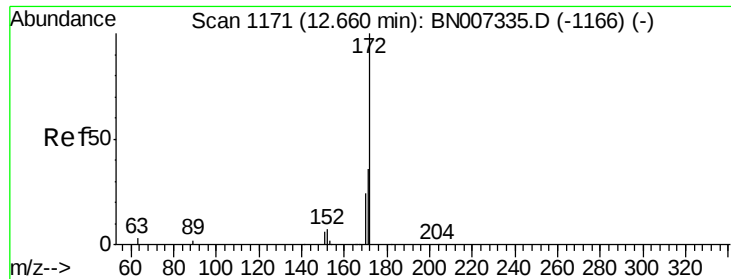


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

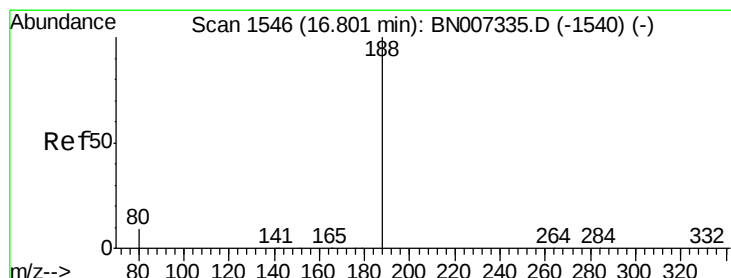
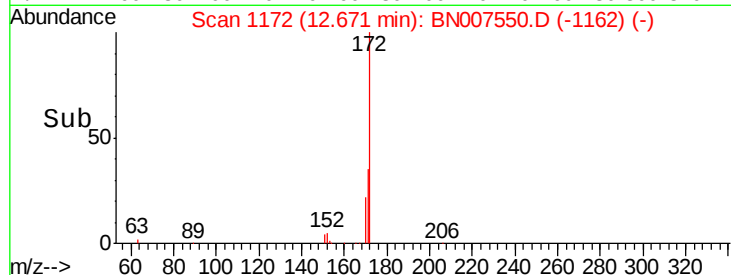
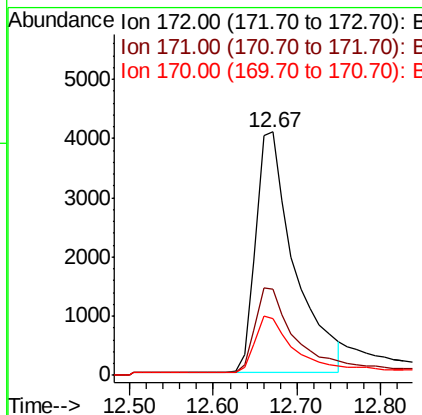
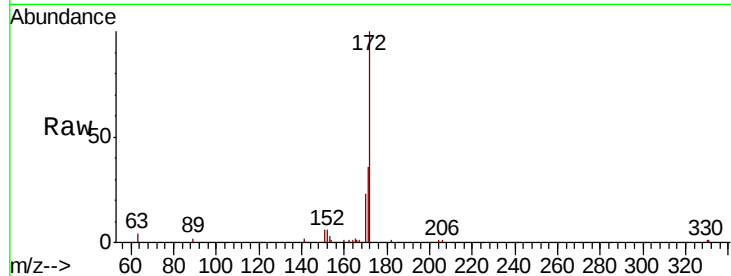




#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 12.67 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BN007550.D
Acq: 06 Sep 2019 20:12

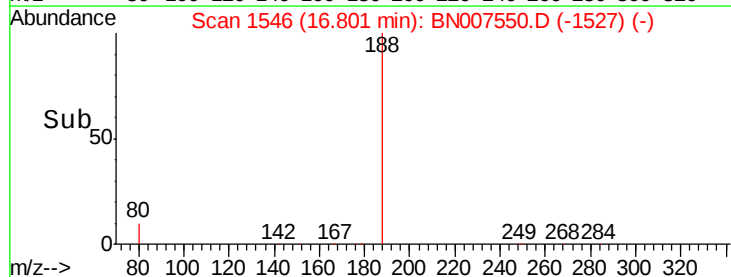
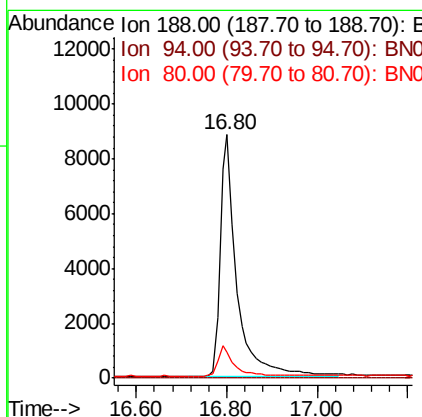
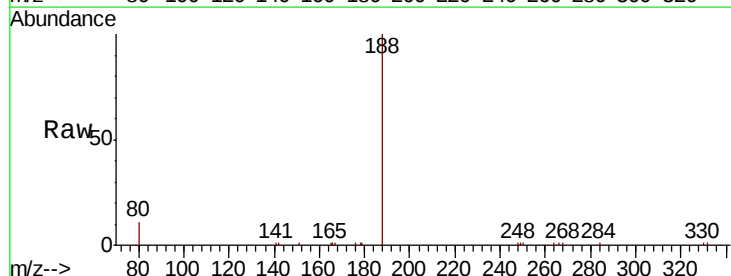
Instrument :
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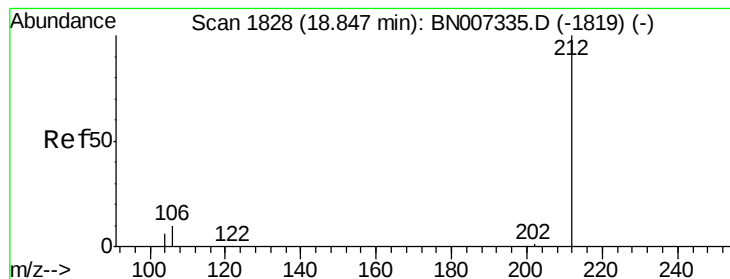
Tot Ion:172 Resp: 13093
Ion Ratio Lower Upper
172 100
171 35.6 30.3 45.5
170 23.4 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BN007550.D
Acq: 06 Sep 2019 20:12

Tgt Ion:188 Resp: 22964
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.9 11.8 17.8#





#25

Fluoranthene-d10

Concen: 0.326 ng

RT: 18.84 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BN007550.D

Acq: 06 Sep 2019 20:12

Instrument :

BNA_N

ClientSampleId :

PB122863BL

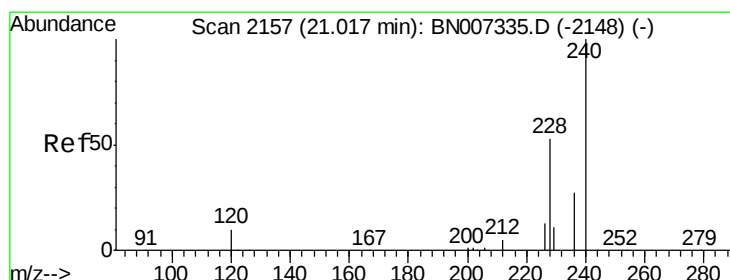
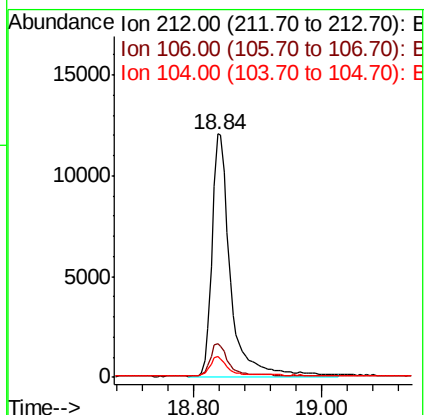
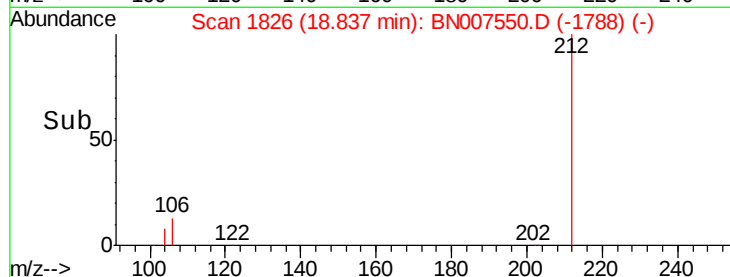
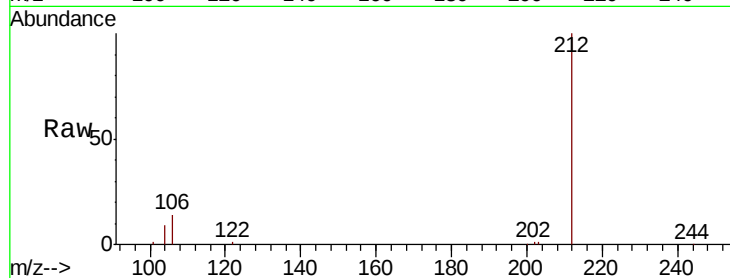
Tot Ion:212 Resp: 24093

Ion Ratio Lower Upper

212 100

106 13.3 9.0 13.4

104 7.6 5.4 8.2



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.02 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007550.D

Acq: 06 Sep 2019 20:12

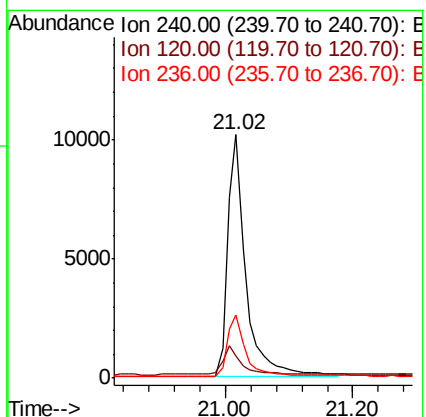
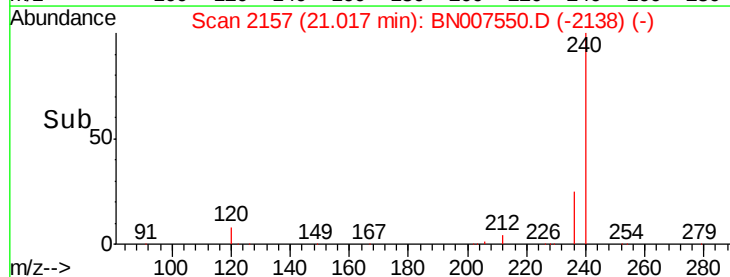
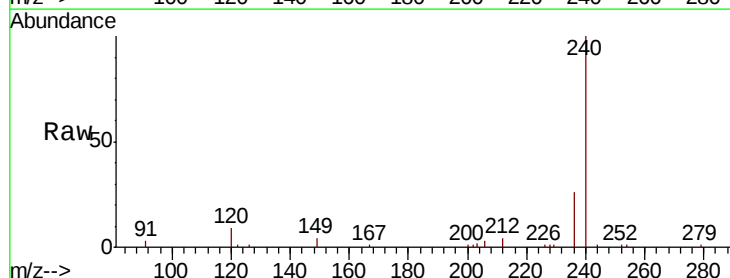
Tgt Ion:240 Resp: 20138

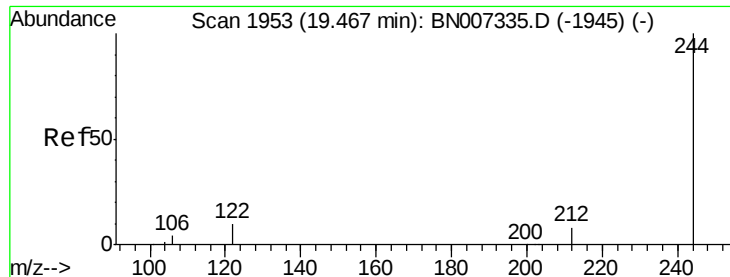
Ion Ratio Lower Upper

240 100

120 9.2 9.6 14.4#

236 25.9 22.2 33.2





#29

Terphenyl-d14

Concen: 0.340 ng

RT: 19.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BN007550.D

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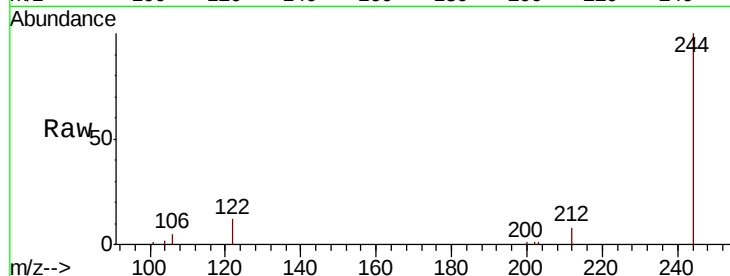
Tot Ion:244 Resp: 17915

Ion Ratio Lower Upper

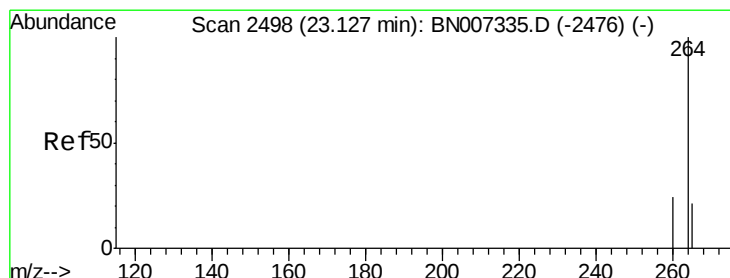
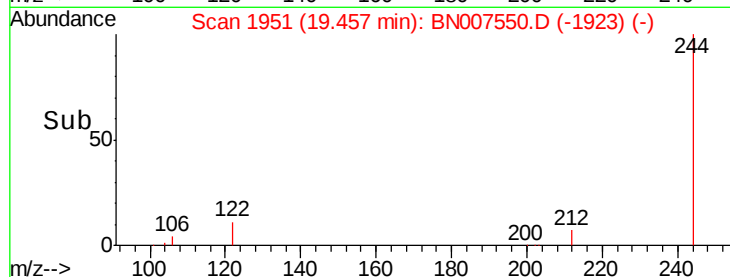
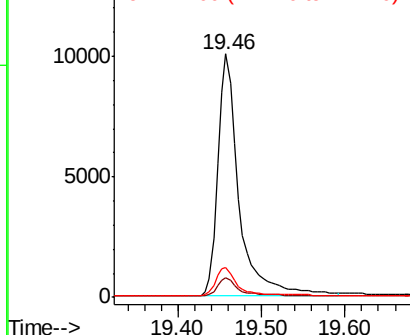
244 100

212 7.9 7.0 10.6

122 12.1 9.6 14.4



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: 23.11 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BN007550.D

Acq: 06 Sep 2019 20:12

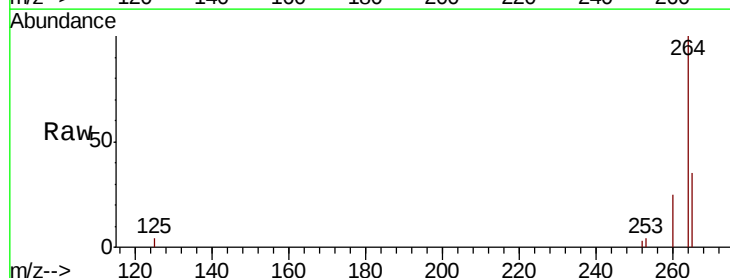
Tgt Ion:264 Resp: 23083

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

265 34.5 29.9 44.9



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

