

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030118\
 Data File : BN000218.D
 Acq On : 01 Mar 2018 15:37
 Operator : JU/SJ
 Sample : PB106170BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB106170BL

Quant Time: Mar 01 17:53:11 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-SIM-BN022718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 15:07:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6724	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	24715	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	12357	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	28623	0.40	ng	0.00
27) Chrysene-d12	21.89	240	20758	0.40	ng	0.00
34) Perylene-d12	24.37	264	16620	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.93	112	5185	0.37	ng	0.00
5) Phenol-d6	7.57	99	6330	0.35	ng	0.00
8) Nitrobenzene-d5	9.63	82	5305	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	15023	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.54	330	1225	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	22847	0.39	ng	0.00
25) Fluoranthene-d10	19.77	212	28688	0.38	ng	0.00
29) Terphenyl-d14	20.33	244	16445	0.45	ng	0.00

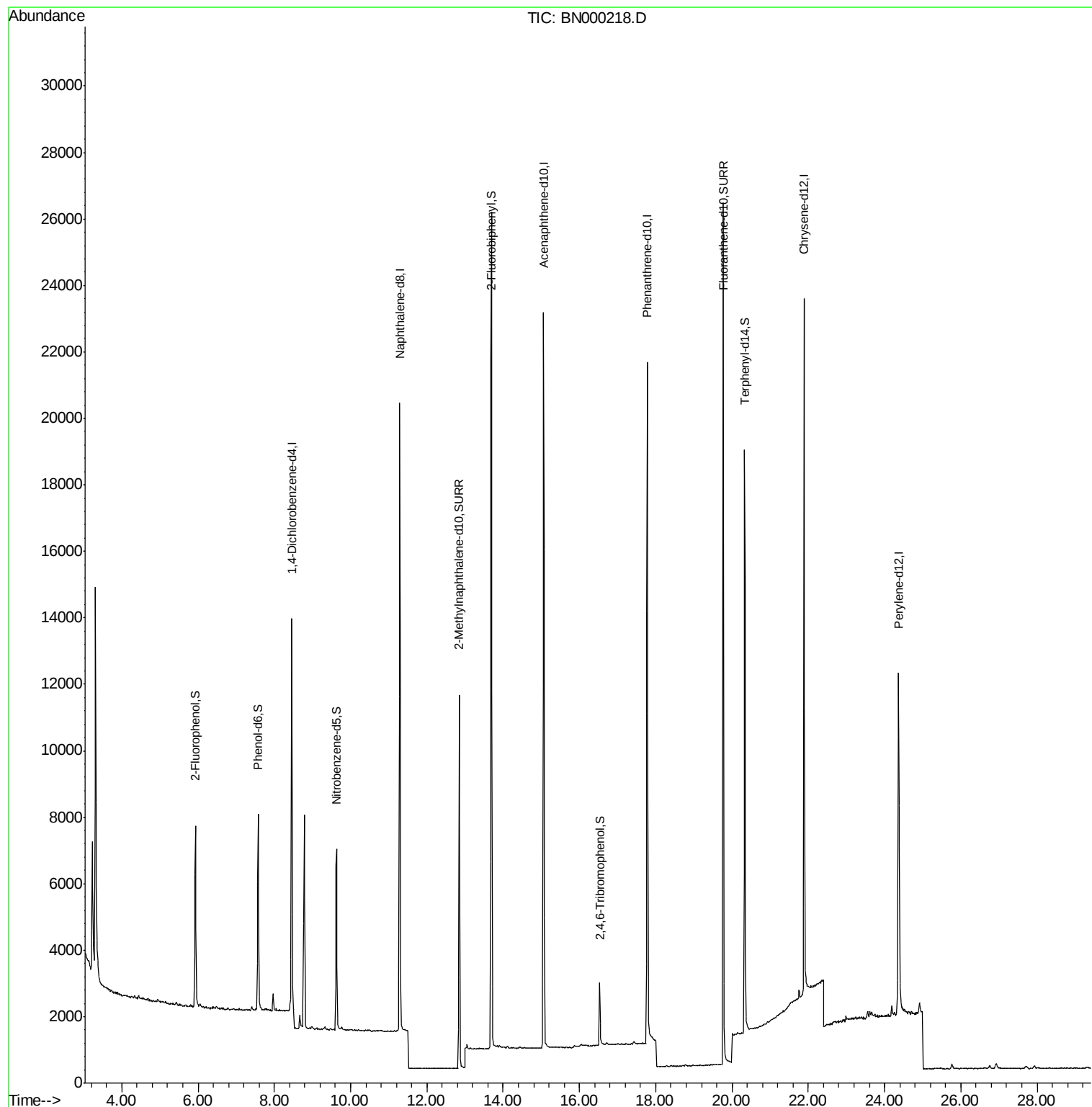
Target Compounds	Qvalue
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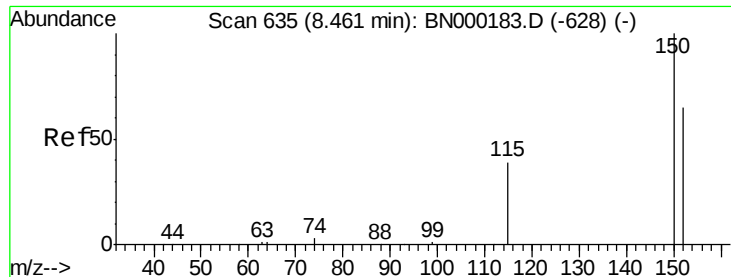
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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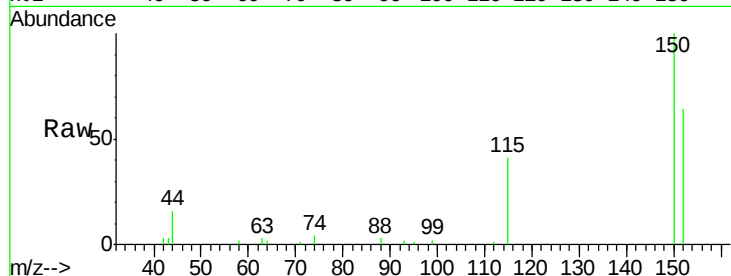


#1

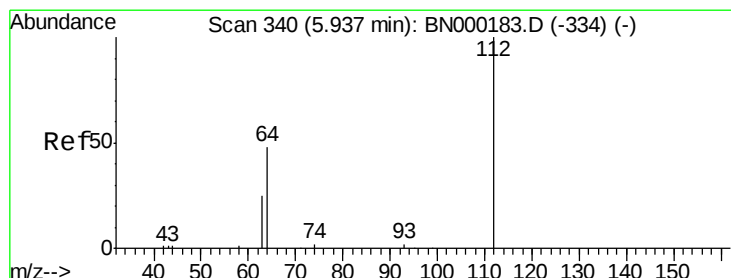
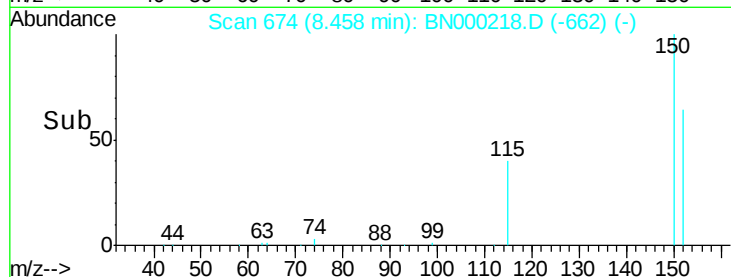
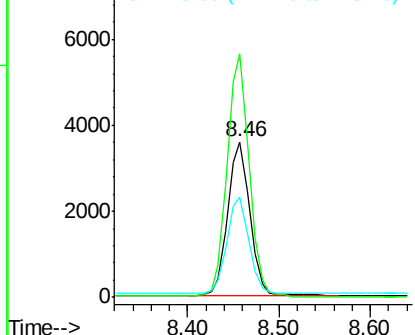
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 674
Delta R.T. -0.00 min
Lab File: BN000218.D
Acq: 01 Mar 2018 15:37

Instrument :
BNA_N
ClientSampleId :
PB106170BL

Tot Ion:152 Resp: 6724
Ion Ratio Lower Upper
152 100
150 156.3 117.2 175.8
115 63.9 57.0 85.6



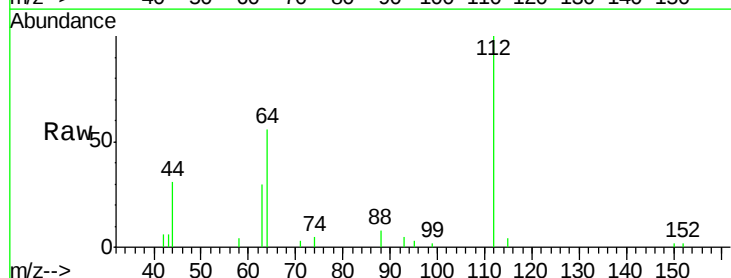
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



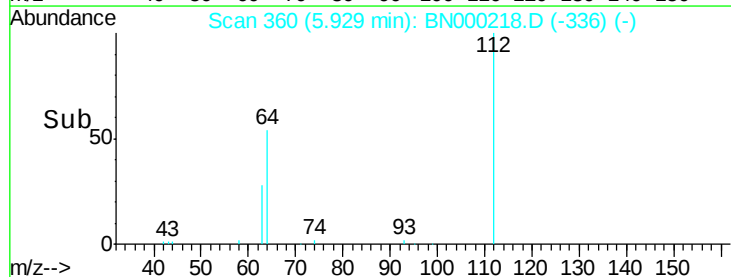
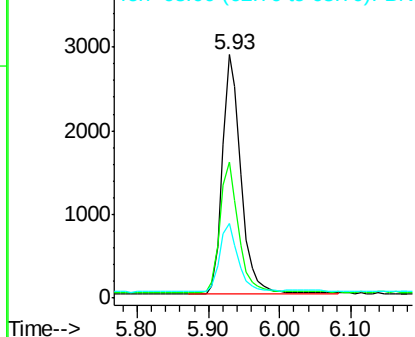
#4

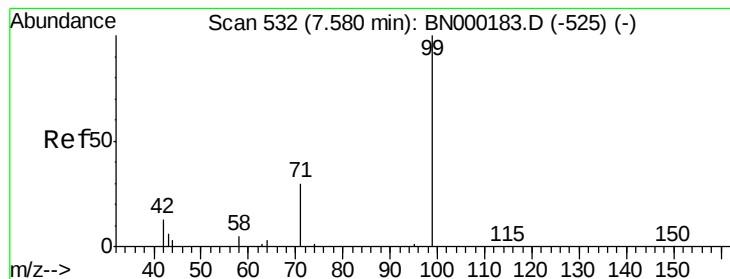
2-Fluorophenol
Concen: 0.365 ng
RT: 5.93 min Scan# 360
Delta R.T. -0.01 min
Lab File: BN000218.D
Acq: 01 Mar 2018 15:37

Tgt Ion:112 Resp: 5185
Ion Ratio Lower Upper
112 100
64 54.8 60.1 90.1#
63 28.2 116.8 175.2#



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: 0.351 ng

RT: 7.57 min Scan# 564

Delta R.T. -0.01 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

Instrument :

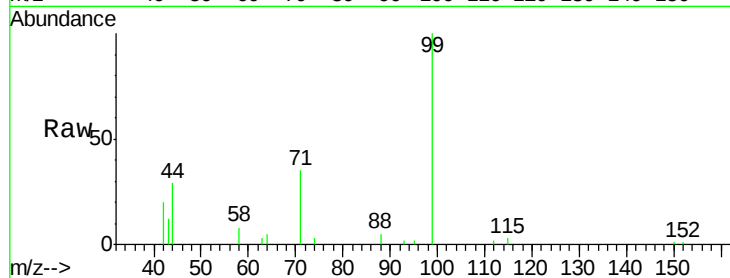
BNA_N

ClientSampleId :

PB106170BL

Tot Ion: 99 Resp: 6330

Ion	Ratio	Lower	Upper
99	100		
42	15.1	20.2	30.2#
71	31.8	28.4	42.6

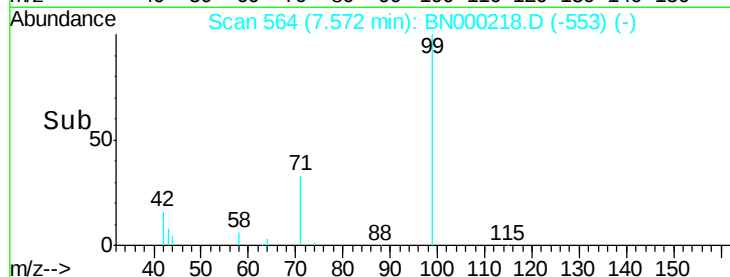


Abundance Ion 99.00 (98.70 to 99.70): BN000218.D (-553) (-)

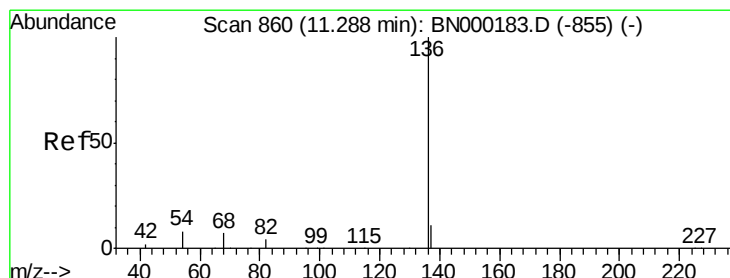
Ion 42.00 (41.70 to 42.70): BN000218.D (-553) (-)

Ion 71.00 (70.70 to 71.70): BN000218.D (-553) (-)

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 900

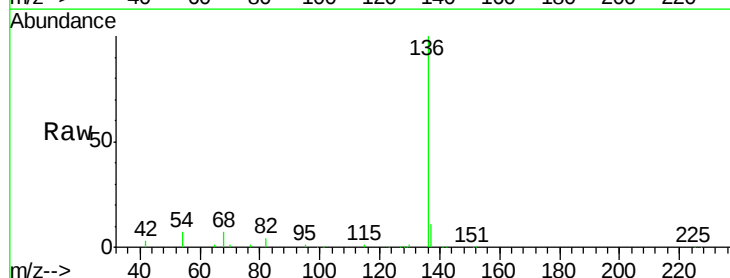
Delta R.T. 0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

Tgt Ion: 136 Resp: 24715

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	7.2	29.1	43.7#
68	6.9	6.2	9.2



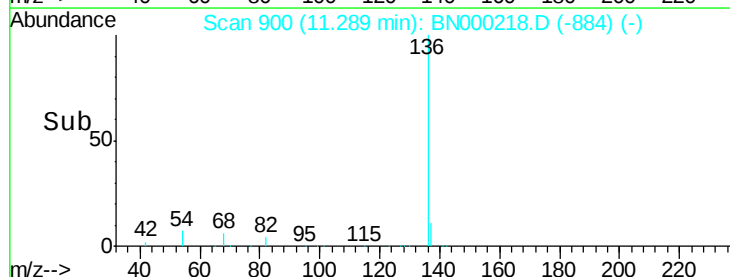
Abundance Ion 136.00 (135.70 to 136.70): BN000218.D (-884) (-)

Ion 137.00 (136.70 to 137.70): BN000218.D (-884) (-)

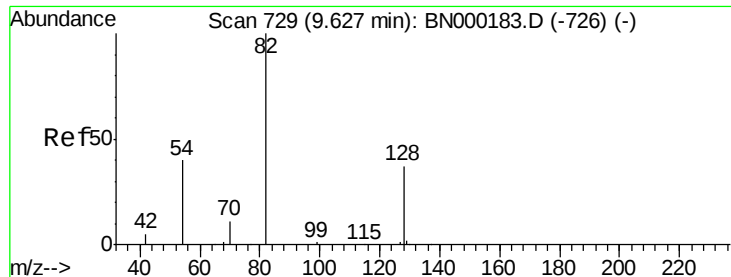
Ion 54.00 (53.70 to 54.70): BN000218.D (-884) (-)

Ion 68.00 (67.70 to 68.70): BN000218.D (-884) (-)

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 0.362 ng

RT: 9.63 min Scan# 769

Delta R.T. 0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

Instrument :

BNA_N

ClientSampleId :

PB106170BL

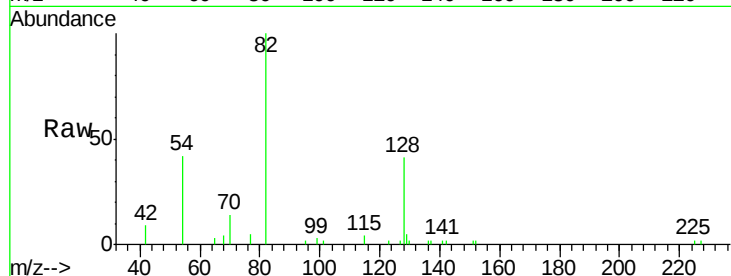
Tot Ion: 82 Resp: 5305

Ion Ratio Lower Upper

82 100

128 40.7 150.0 225.0#

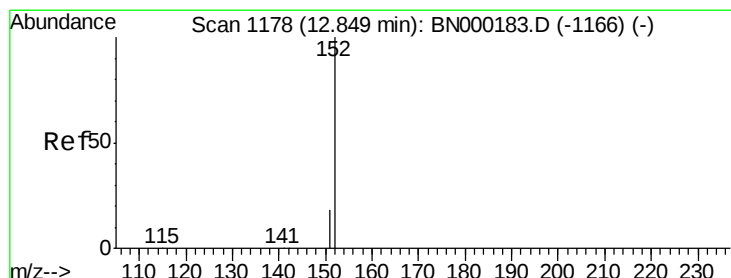
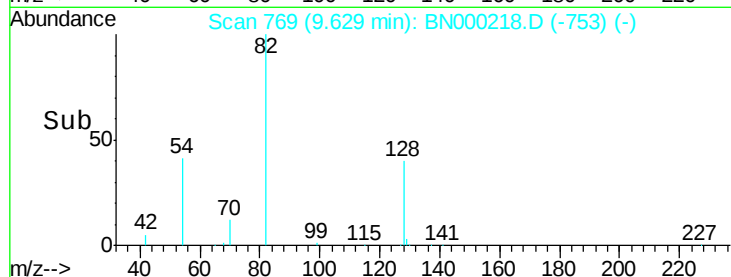
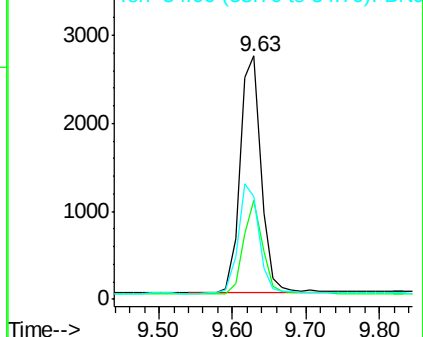
54 42.2 154.2 231.4#



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



#11

2-Methylnaphthalene-d10

Concen: 0.404 ng

RT: 12.85 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BN000218.D

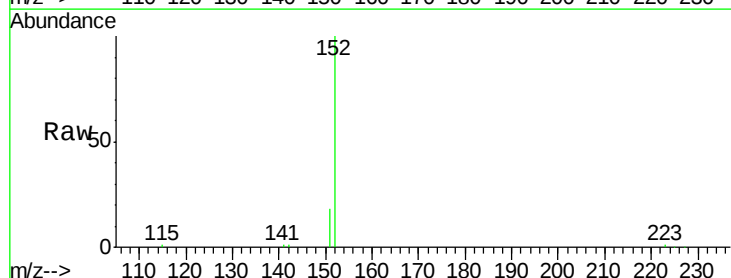
Acq: 01 Mar 2018 15:37

Tgt Ion: 152 Resp: 15023

Ion Ratio Lower Upper

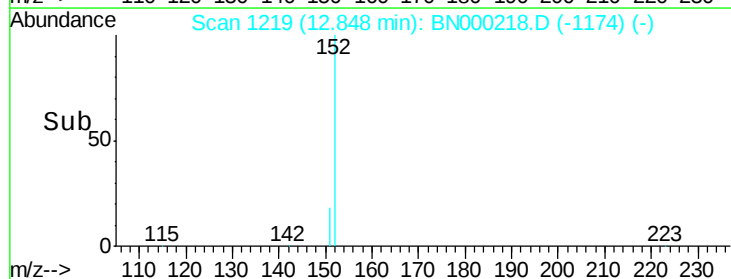
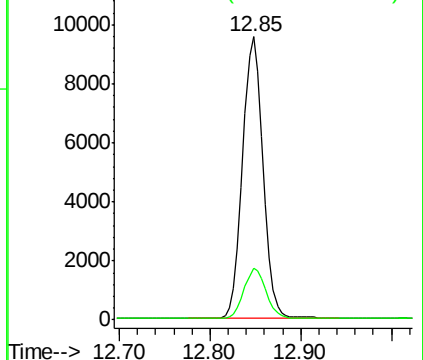
152 100

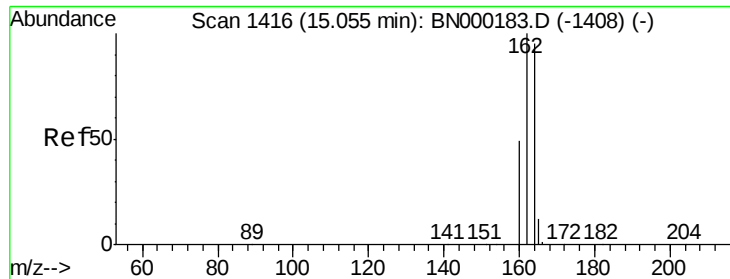
151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

Instrument :

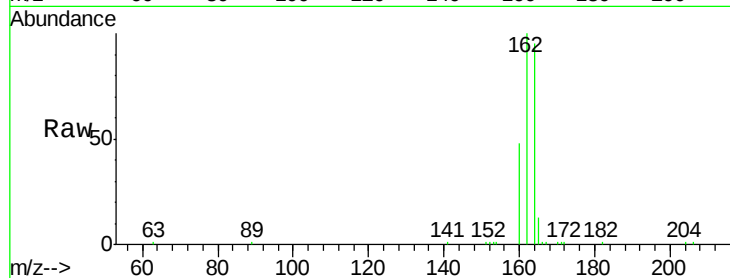
BNA_N

ClientSampleId :

PB106170BL

Tot Ion:164 Resp: 12357

Ion	Ratio	Lower	Upper
164	100		
162	105.8	83.1	124.7
160	50.4	37.1	55.7

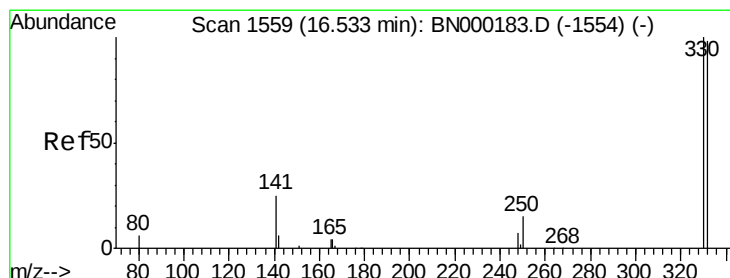
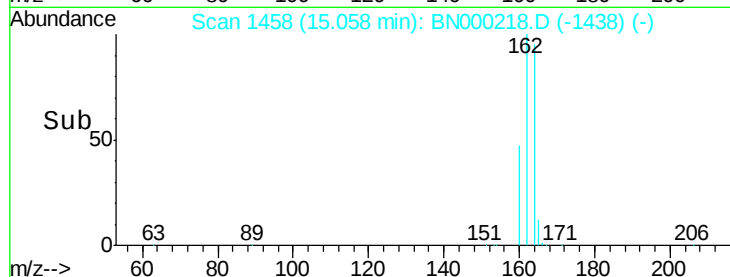
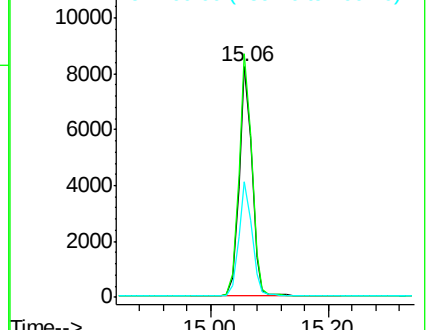


Abundance

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: 0.312 ng

RT: 16.54 min Scan# 1601

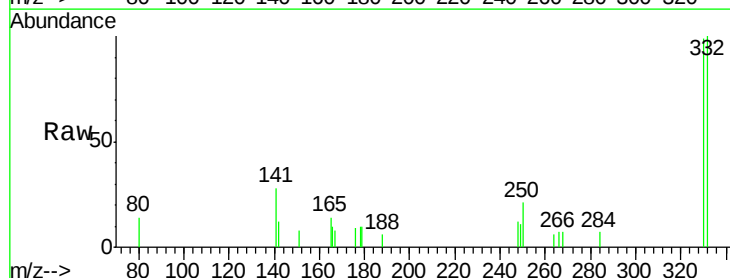
Delta R.T. 0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

Tgt Ion:330 Resp: 1225

Ion	Ratio	Lower	Upper
330	100		
332	99.8	152.7	229.1#
141	45.5	33.7	50.5

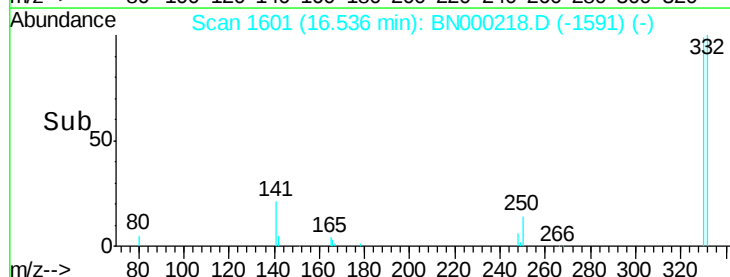
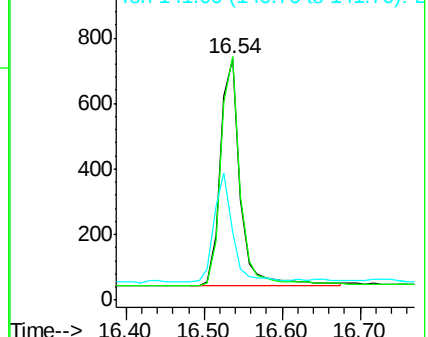


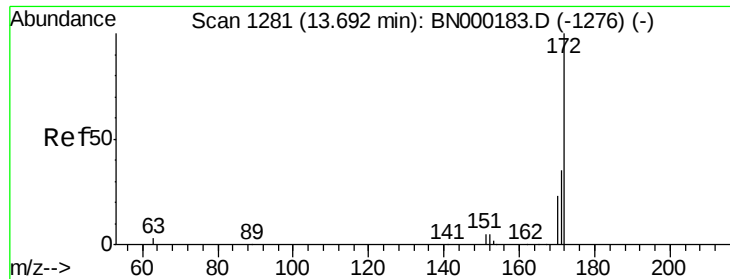
Abundance

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

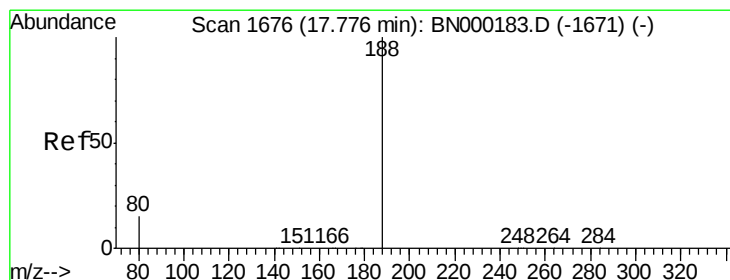
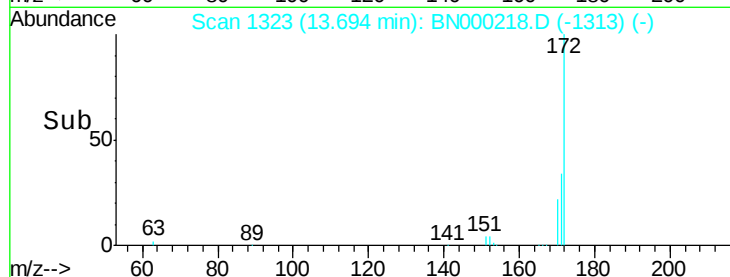
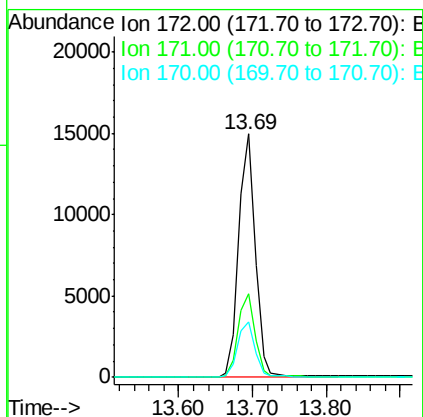
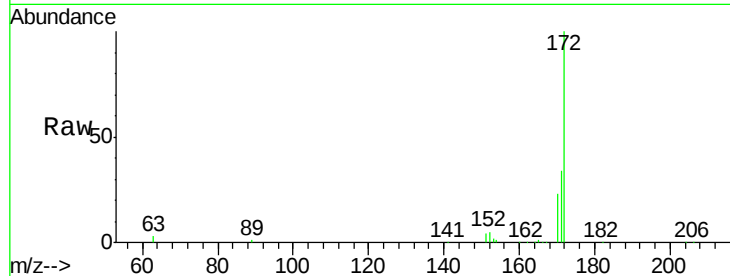




#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.69 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BN000218.D
Acq: 01 Mar 2018 15:37

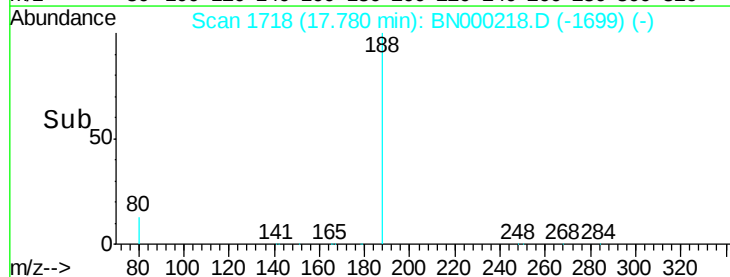
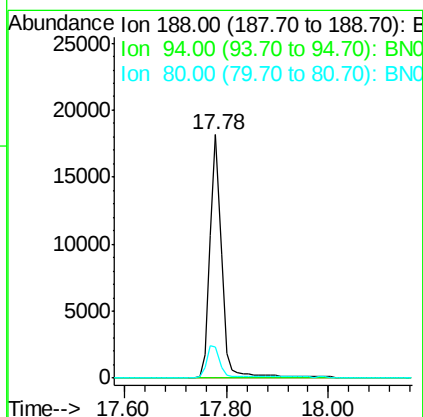
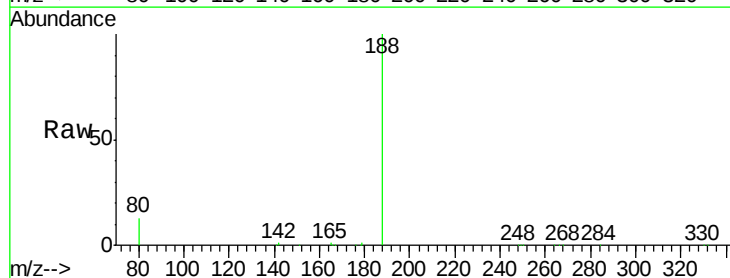
Instrument :
BNA_N
ClientSampleId :
PB106170BL

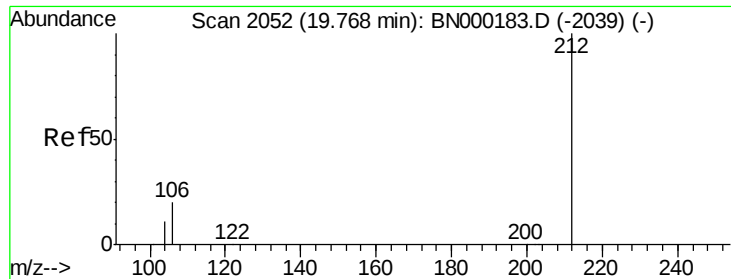
Tot Ion:172 Resp: 22847
Ion Ratio Lower Upper
172 100
171 34.1 29.9 44.9
170 22.7 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.78 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BN000218.D
Acq: 01 Mar 2018 15:37

Tgt Ion:188 Resp: 28623
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 13.0 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 19.77 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

Instrument :

BNA_N

ClientSampled :

PB106170BL

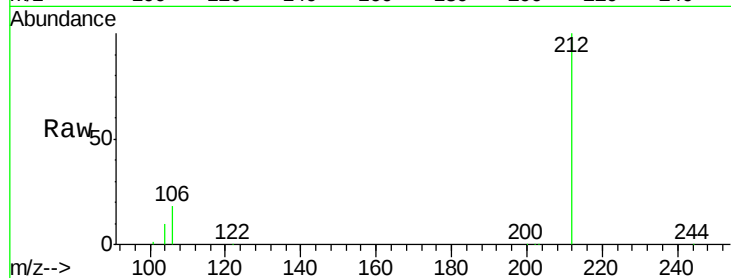
Tot Ion:212 Resp: 28688

Ion Ratio Lower Upper

212 100

106 19.2 2.8 4.2#

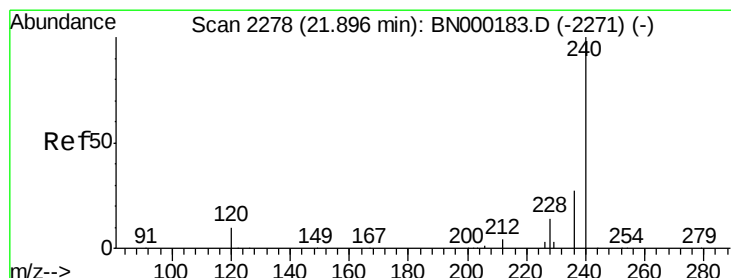
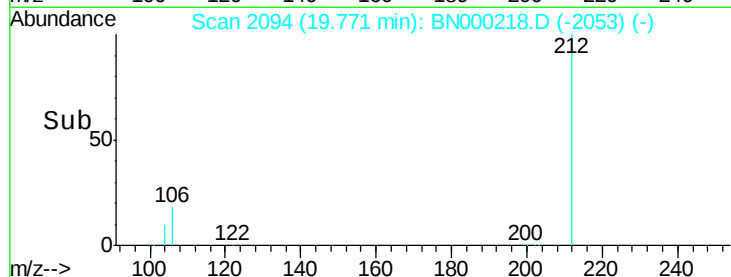
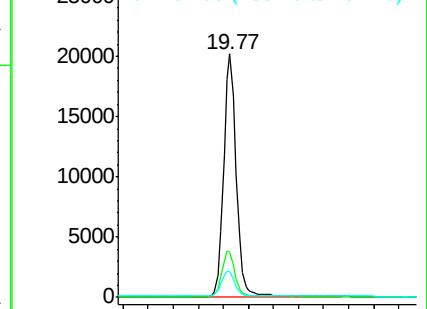
104 10.7 1.6 2.4#



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: 21.89 min Scan# 2319

Delta R.T. -0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

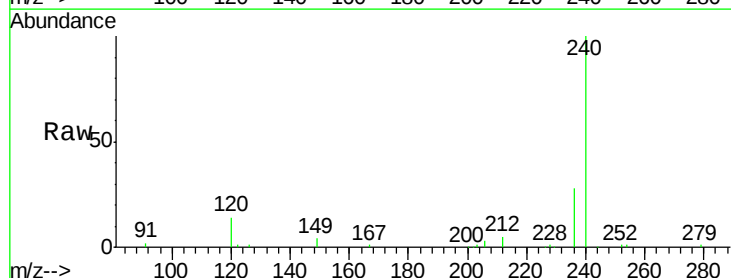
Tgt Ion:240 Resp: 20758

Ion Ratio Lower Upper

240 100

120 14.2 5.5 8.3#

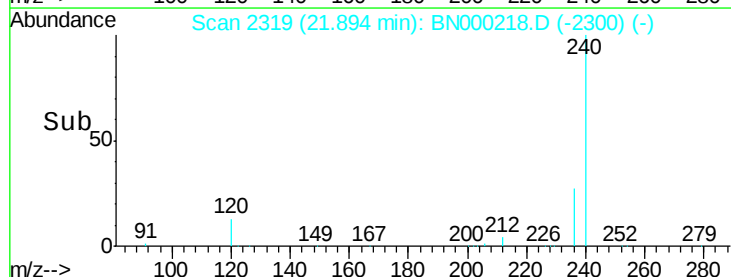
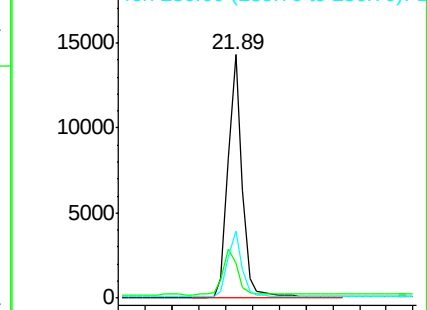
236 27.6 20.7 31.1

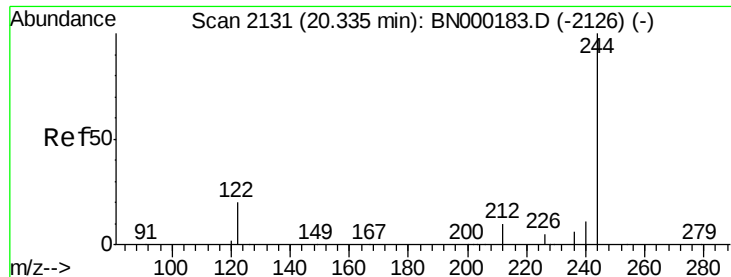


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.451 ng

RT: 20.33 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

Instrument :

BNA_N

ClientSampleId :

PB106170BL

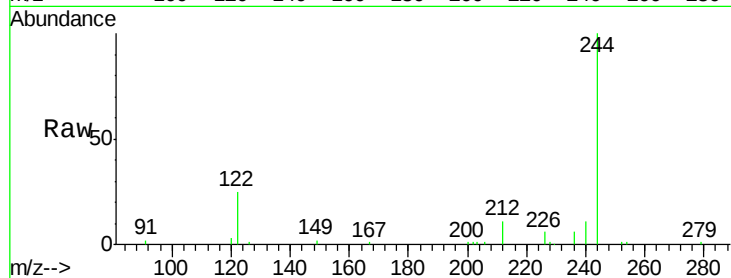
Tot Ion:244 Resp: 16445

Ion Ratio Lower Upper

244 100

212 11.4 25.4 38.0#

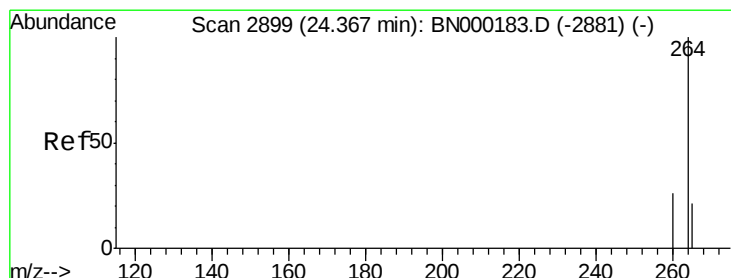
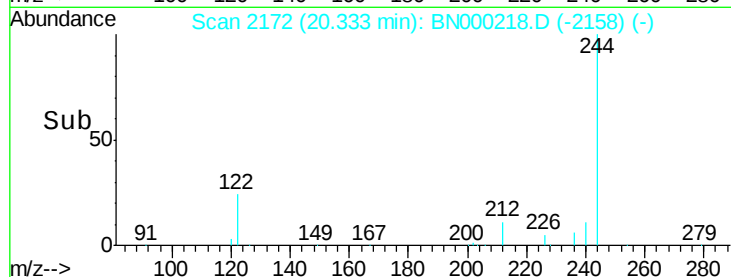
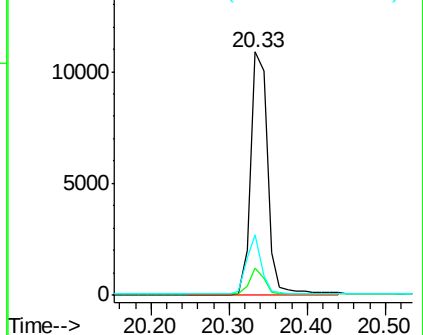
122 24.8 8.1 12.1#



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: 24.37 min Scan# 2941

Delta R.T. 0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

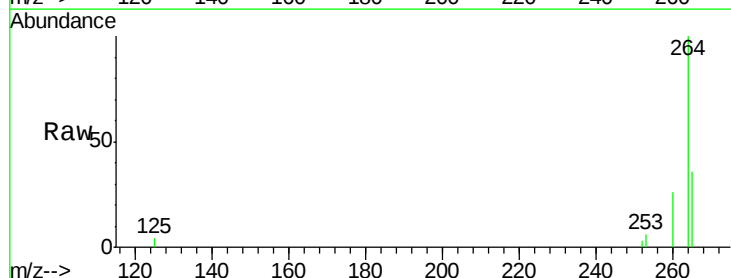
Tgt Ion:264 Resp: 16620

Ion Ratio Lower Upper

264 100

260 26.4 20.5 30.7

265 35.7 22.8 34.2#



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

