

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
 Data File : BN010497.D
 Acq On : 15 Apr 2020 02:54
 Operator : CG/JU
 Sample : L2017-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 15 05:54:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 18:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	167890	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	719723	0.40	ng	0.00
13) Acenaphthene-d10	14.22	164	492608	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	1182787	0.40	ng	0.00
27) Chrysene-d12	21.17	240	1365009	0.40	ng	-0.01
34) Perylene-d12	23.35	264	1188158	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	1063052	2.89	ng	0.00
5) Phenol-d6	6.79	99	1406273	2.93	ng	0.00
8) Nitrobenzene-d5	8.73	82	903895	1.80	ng	-0.01
11) 2-Methylnaphthalene-d10	12.08	152	11	0.00	ng	0.12
14) 2,4,6-Tribromophenol	15.73	330	753338	3.24	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	2536237	1.41	ng	0.00
25) Fluoranthene-d10	19.01	212	15	0.00	ng	0.00
29) Terphenyl-d14	19.62	244	3697365	1.18	ng	0.00

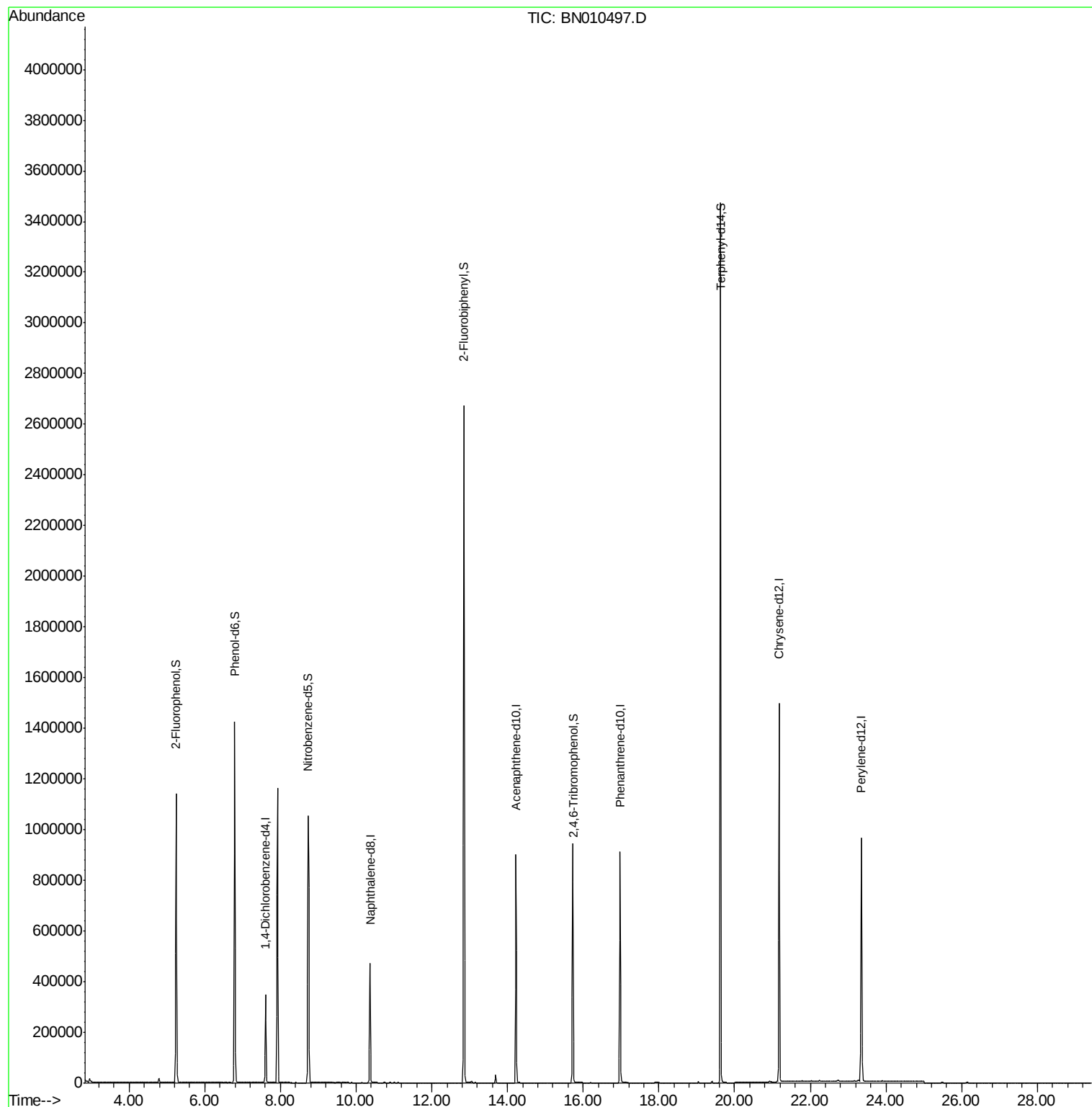
Target Compounds	Qvalue

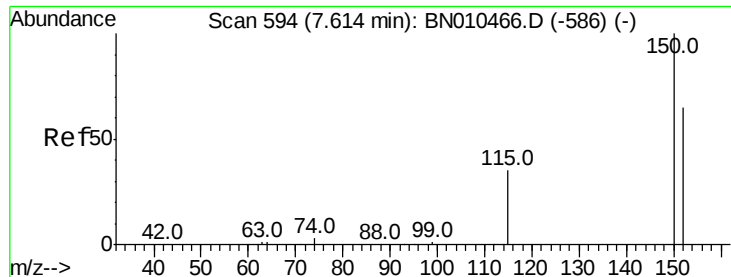
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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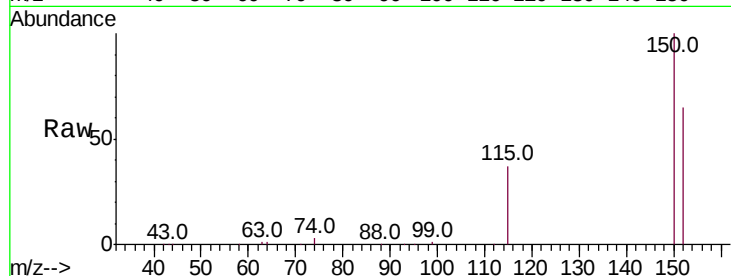


#1

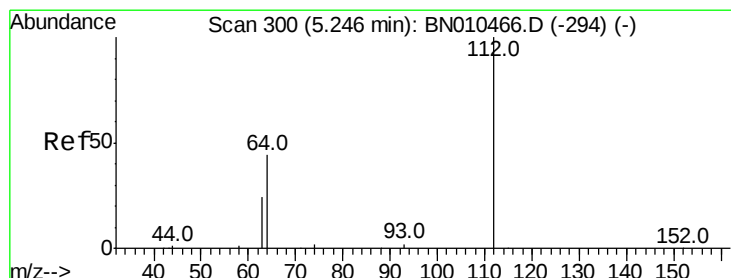
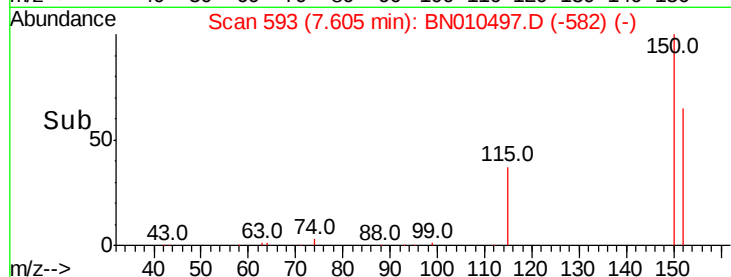
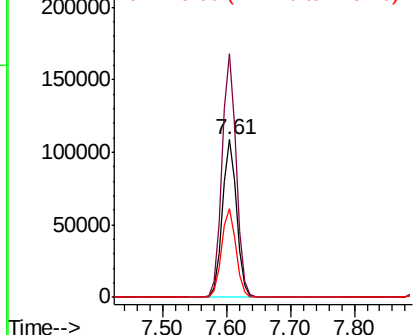
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN010497.D
Acq: 15 Apr 2020 02:54

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 167890
Ion Ratio Lower Upper
152 100
150 154.7 121.8 182.6
115 56.8 45.5 68.3



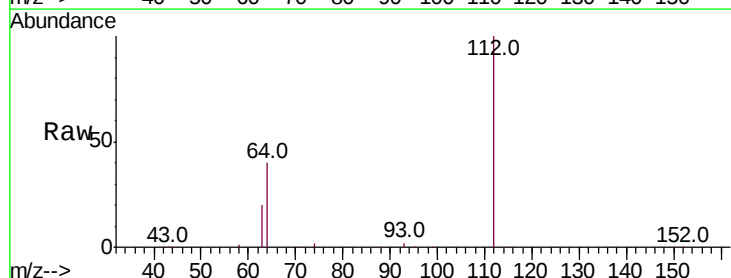
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



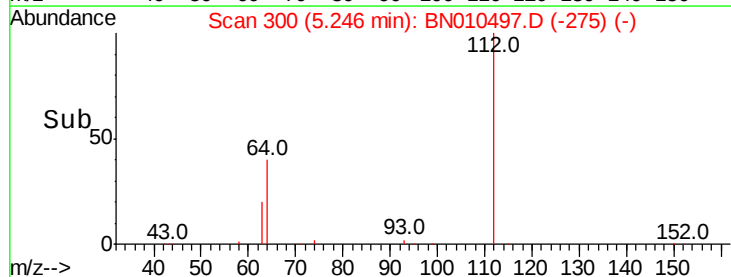
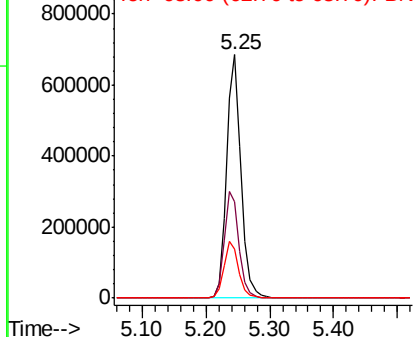
#4

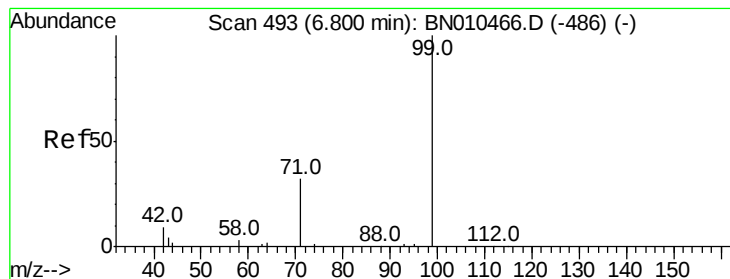
2-Fluorophenol
Concen: 2.891 ng
RT: 5.25 min Scan# 300
Delta R.T. -0.00 min
Lab File: BN010497.D
Acq: 15 Apr 2020 02:54

Tgt Ion:112 Resp: 1063052
Ion Ratio Lower Upper
112 100
64 44.9 35.8 53.8
63 23.8 19.9 29.9



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: 2.927 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010497.D

Acq: 15 Apr 2020 02:54

Instrument :

BNA_N

ClientSampled :

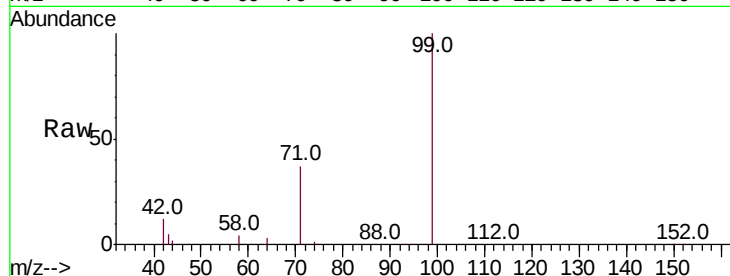
Tot Ion: 99 Resp: 1406273

Ion Ratio Lower Upper

99 100

42 11.3 9.8 14.6

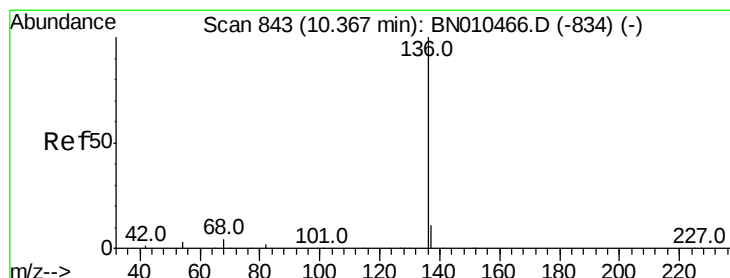
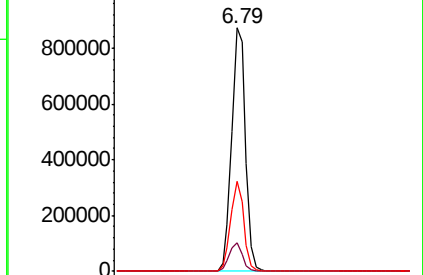
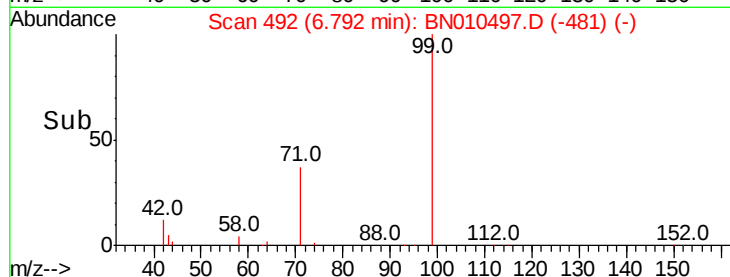
71 35.0 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN010466.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010466.D (-486) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.37 min Scan# 843

Delta R.T. -0.00 min

Lab File: BN010497.D

Acq: 15 Apr 2020 02:54

Tgt Ion: 136 Resp: 719723

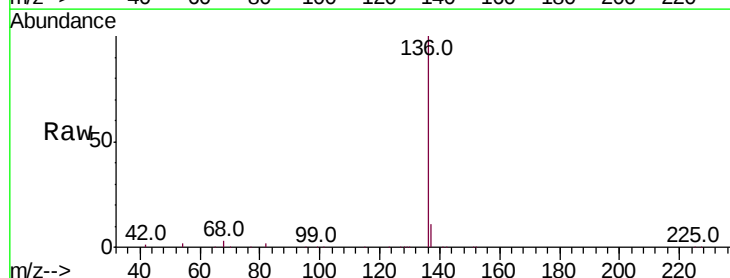
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 2.1 2.6 4.0#

68 2.8 3.4 5.2#

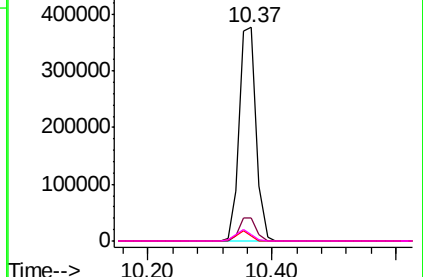
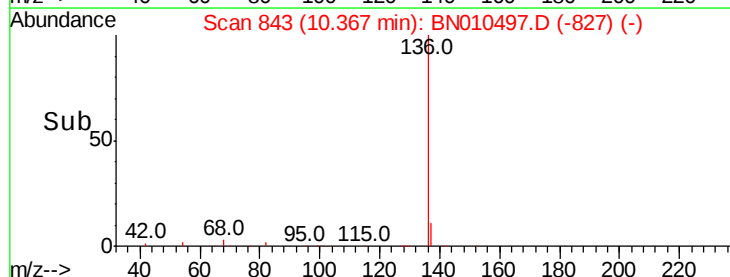


Abundance Ion 136.00 (135.70 to 136.70): BN010466.D (-834) (-)

Ion 137.00 (136.70 to 137.70): BN010466.D (-834) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-834) (-)

Ion 68.00 (67.70 to 68.70): BN010466.D (-834) (-)





#8

Nitrobenzene-d5

Concen: 1.796 ng

RT: 8.73 min Scan# 714

Delta R.T. -0.01 min

Lab File: BN010497.D

Acq: 15 Apr 2020 02:54

Instrument :

BNA_N

ClientSampleId :

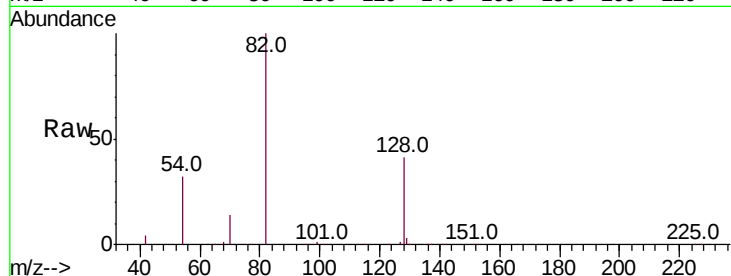
Tot Ion: 82 Resp: 903895

Ion Ratio Lower Upper

82 100

128 40.6 41.3 61.9#

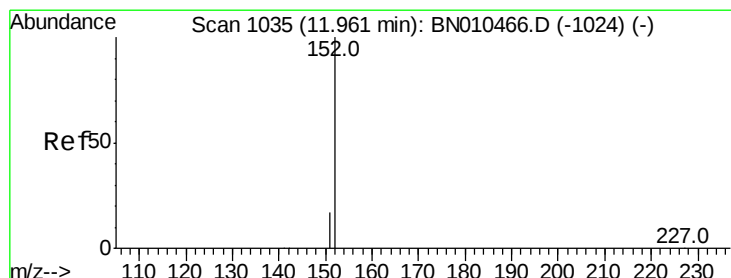
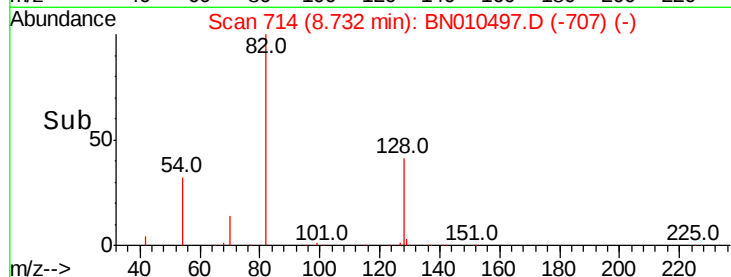
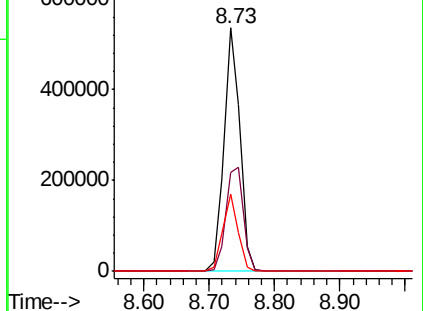
54 31.8 23.4 35.0



Abundance Ion 82.00 (81.70 to 82.70): BN010466.D (-711) (-)

Ion 128.00 (127.70 to 128.70): BN010466.D (-711) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-711) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 12.08 min Scan# 1062

Delta R.T. 0.12 min

Lab File: BN010497.D

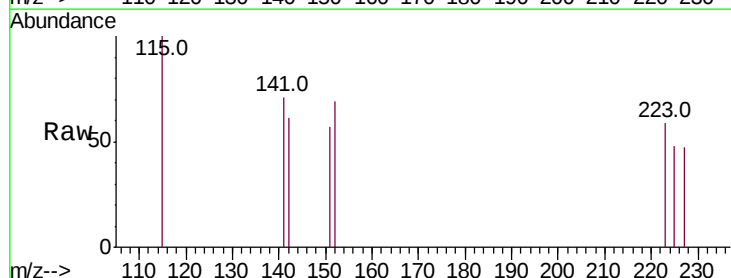
Acq: 15 Apr 2020 02:54

Tgt Ion: 152 Resp: 11

Ion Ratio Lower Upper

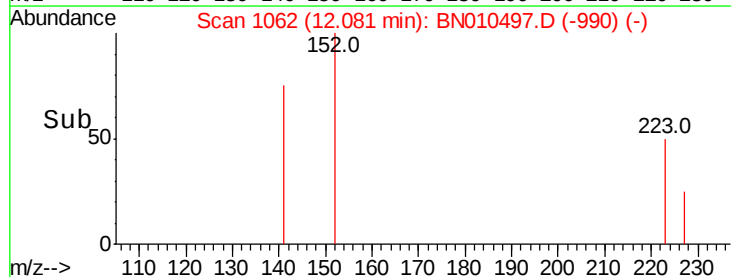
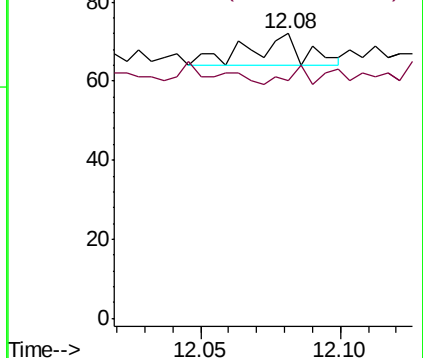
152 100

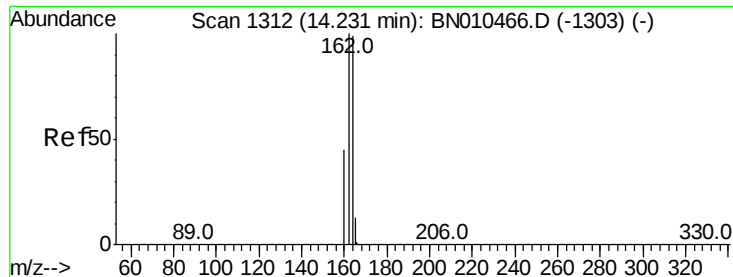
151 18.2 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010466.D (-1024) (-)

Ion 151.00 (150.70 to 151.70): BN010466.D (-1024) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010497.D

Acq: 15 Apr 2020 02:54

Instrument :

BNA_N

ClientSampleId :

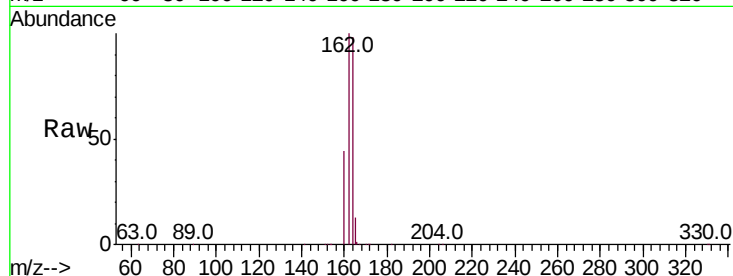
Tot Ion:164 Resp: 492608

Ion Ratio Lower Upper

164 100

162 102.1 80.6 121.0

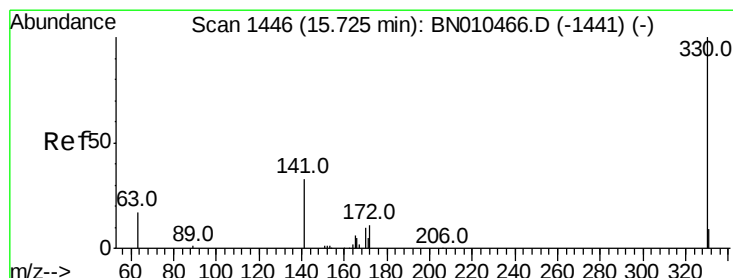
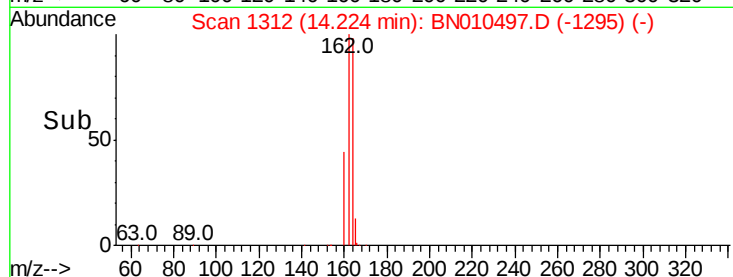
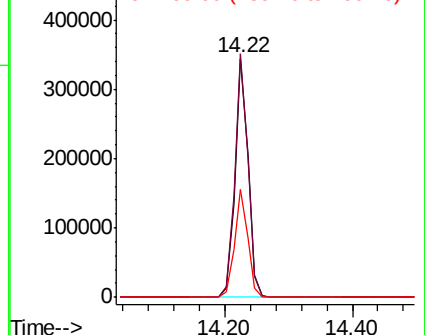
160 45.2 36.5 54.7



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: 3.245 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BN010497.D

Acq: 15 Apr 2020 02:54

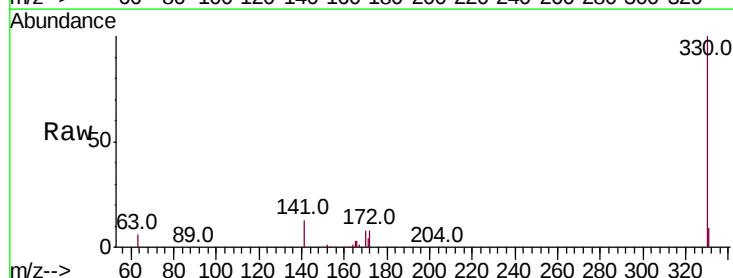
Tgt Ion:330 Resp: 753338

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

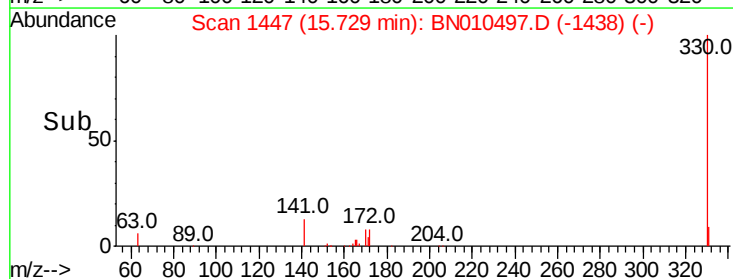
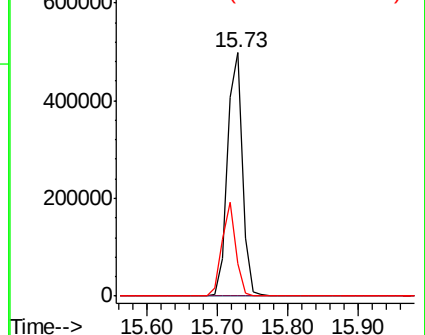
141 35.5 28.1 42.1

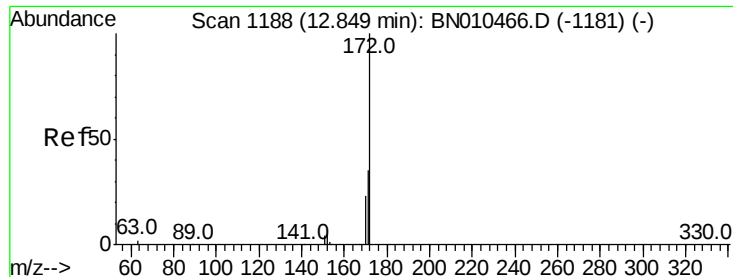


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



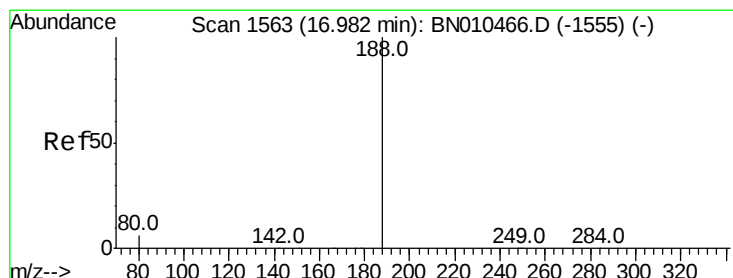
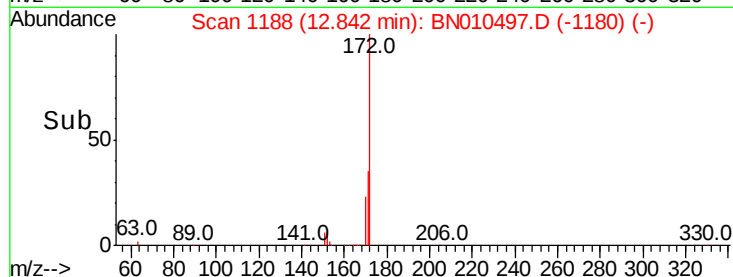
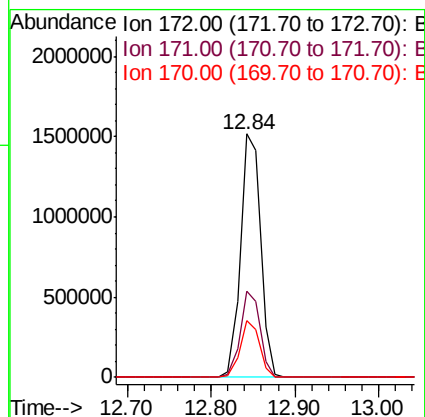
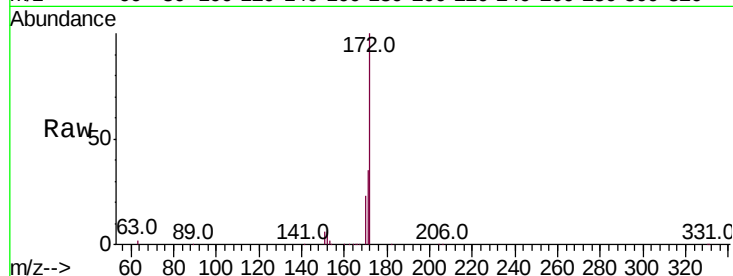


#15
 2-Fluorobiphenyl
 Concen: 1.415 ng
 RT: 12.84 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BN010497.D
 Acq: 15 Apr 2020 02:54

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:172 Resp: 2536237

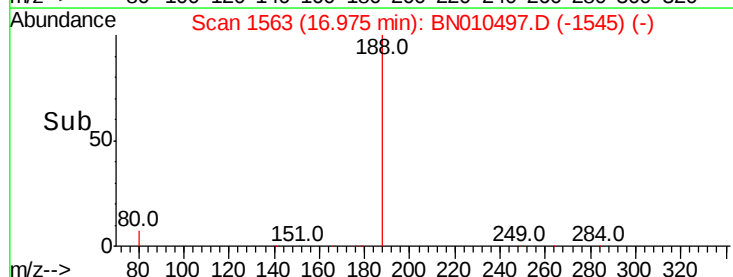
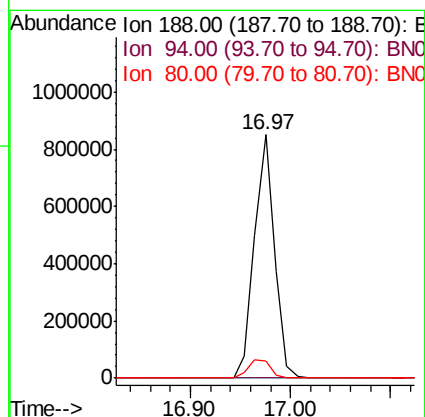
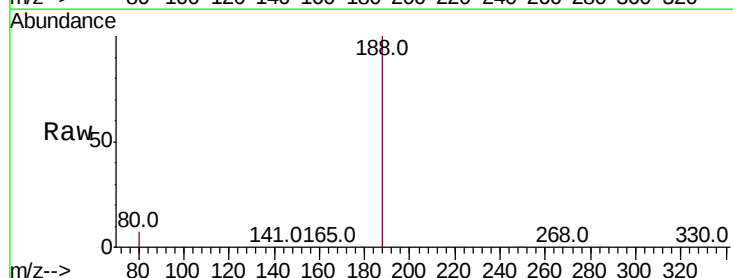
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.4	18.4	27.6

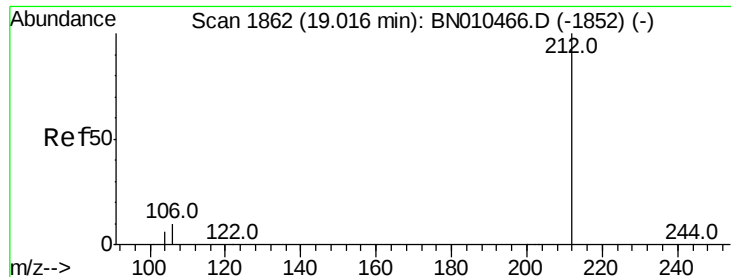


#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.97 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BN010497.D
 Acq: 15 Apr 2020 02:54

Tgt Ion:188 Resp: 1182787

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	5.0	7.6





#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.01 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BN010497.D

Acq: 15 Apr 2020 02:54

Instrument :

BNA_N

ClientSampleId :

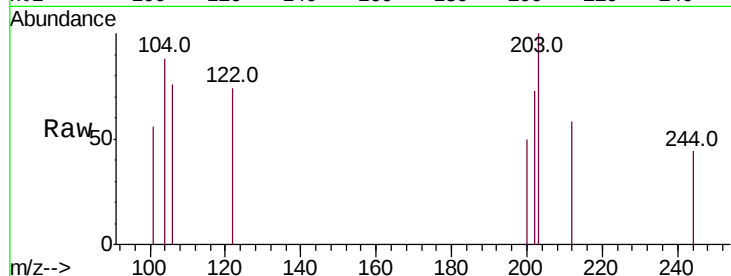
Tot Ion:212 Resp: 15

Ion Ratio Lower Upper

212 100

106 46.7 7.8 11.6#

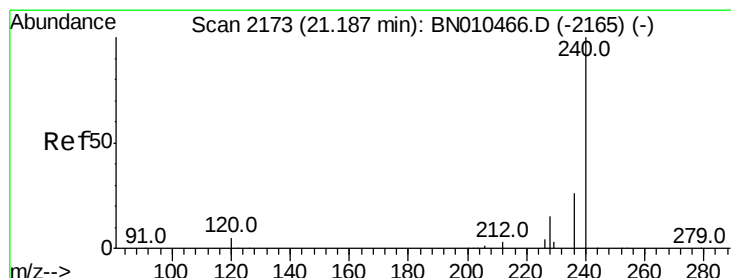
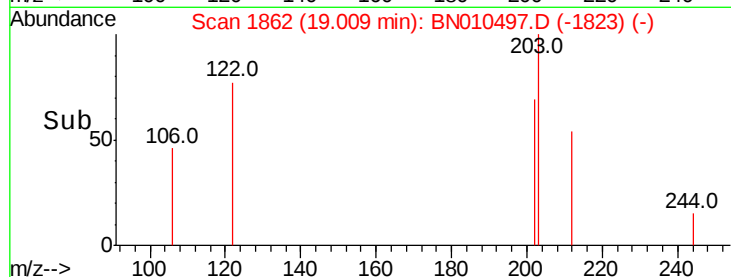
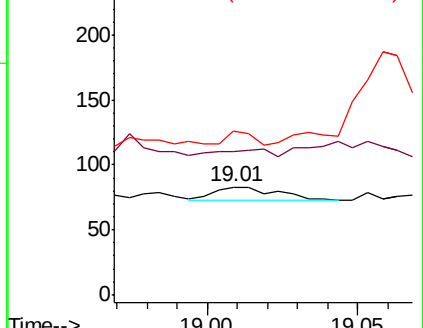
104 40.0 4.5 6.7#



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BN010497.D

Acq: 15 Apr 2020 02:54

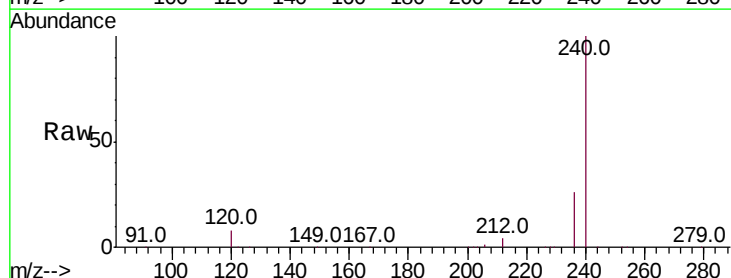
Tgt Ion:240 Resp: 1365009

Ion Ratio Lower Upper

240 100

120 8.1 4.8 7.2#

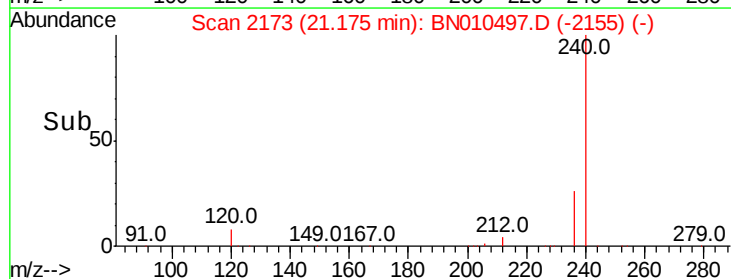
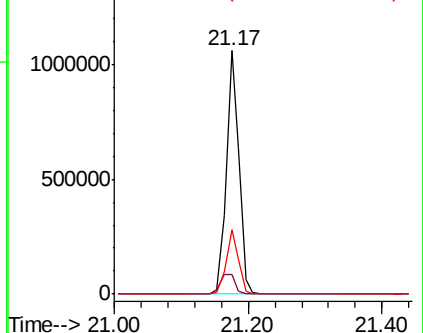
236 26.2 21.4 32.0

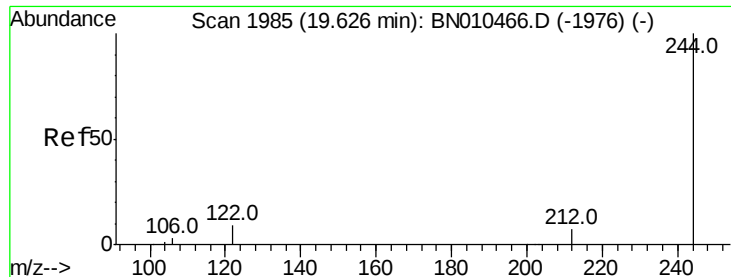


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 1.184 ng

RT: 19.62 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BN010497.D

Acq: 15 Apr 2020 02:54

Instrument :

BNA_N

ClientSampleId :

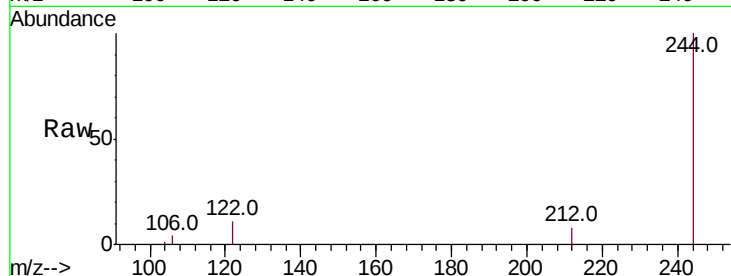
Tot Ion:244 Resp: 3697365

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.4

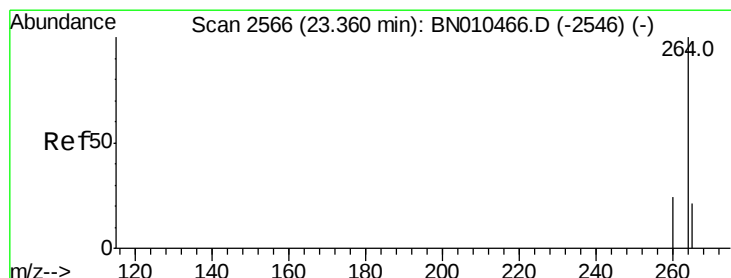
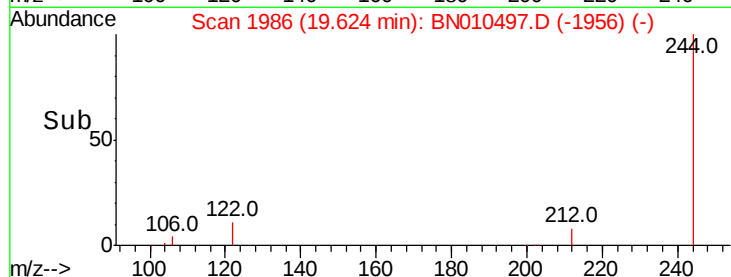
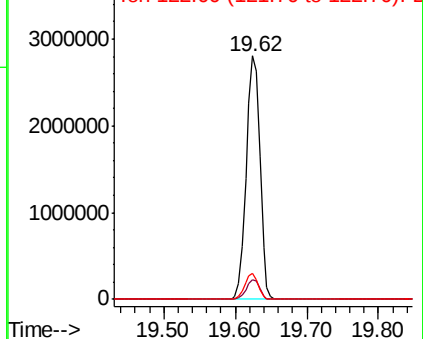
122 10.5 7.8 11.8



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: 23.35 min Scan# 2564

Delta R.T. -0.01 min

Lab File: BN010497.D

Acq: 15 Apr 2020 02:54

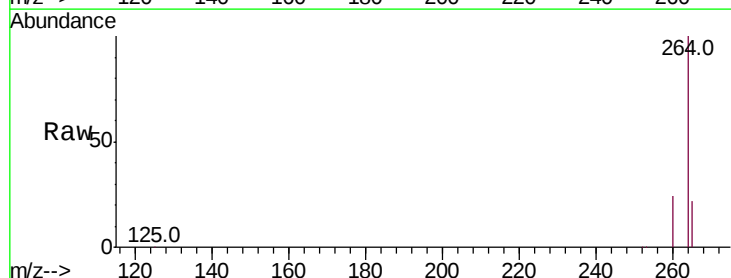
Tgt Ion:264 Resp: 1188158

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.8

265 22.0 42.3 63.5#



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

