

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071320\
 Data File : BN011156.D
 Acq On : 13 Jul 2020 16:59
 Operator : CG/JU
 Sample : PB130052BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB130052BL

Quant Time: Jul 13 17:37:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 13:53:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1351	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	3744	0.40	ng	0.03
13) Acenaphthene-d10	14.14	164	2084	0.40	ng	0.01
19) Phenanthrene-d10	16.92	188	4704	0.40	ng	0.04
29) Chrysene-d12	21.11	240	3971	0.40	ng	0.01
36) Perylene-d12	23.25	264	4529	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	1890	0.57	ng	0.00
5) Phenol-d6	6.73	99	1501	0.40	ng	0.00
8) Nitrobenzene-d5	8.68	82	1830	0.55	ng	0.03
11) 2-Methylnaphthalene-d10	11.89	152	2269	0.37	ng	0.03
14) 2,4,6-Tribromophenol	15.68	330	421	0.46	ng	0.04
15) 2-Fluorobiphenyl	12.77	172	4677	0.48	ng	0.03
27) Fluoranthene-d10	18.94	212	4868	0.33	ng	0.01
31) Terphenyl-d14	19.55	244	7661	0.74	ng	0.00

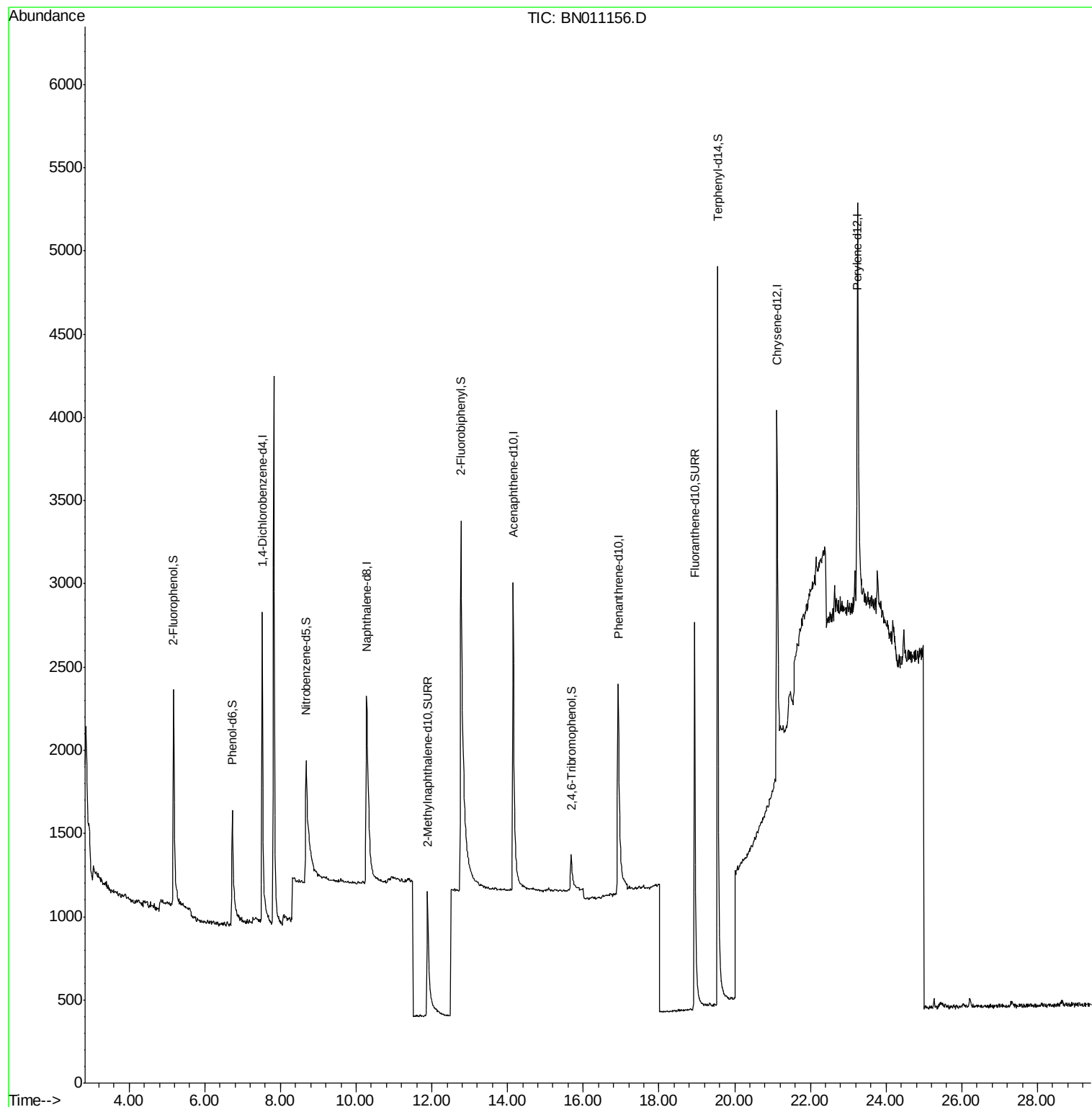
Target Compounds	Qvalue
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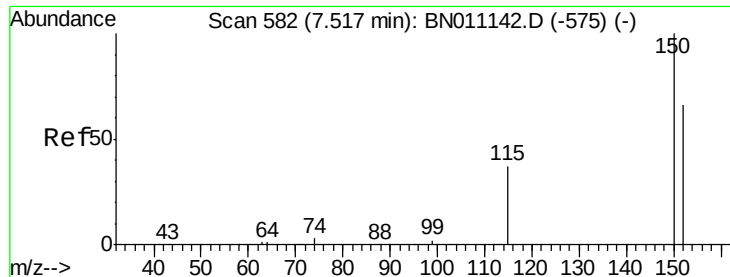
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 13 17:37:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 13:53:03 2020
Response via : Initial Calibration



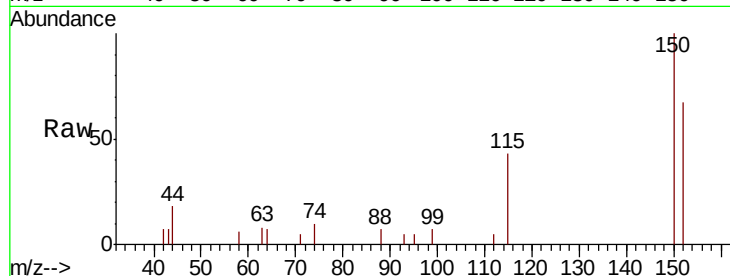


#1

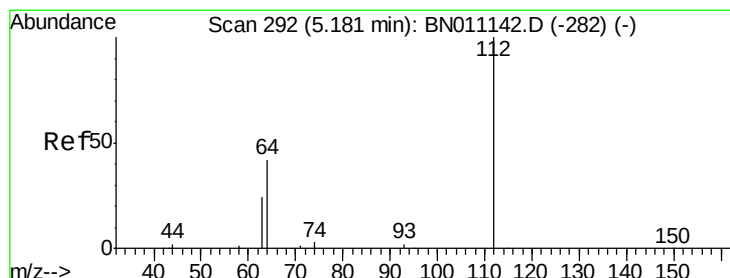
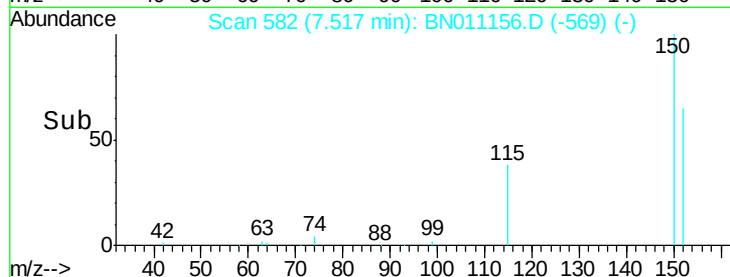
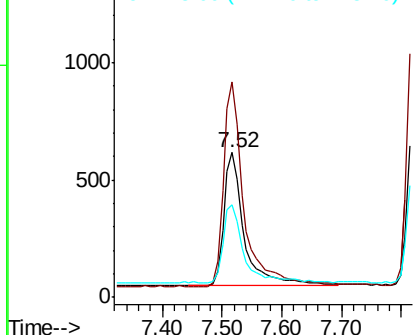
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.52 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BN011156.D
 Acq: 13 Jul 2020 16:59

Instrument :
 BNA_N
 ClientSampleId :
 PB130052BL

Tot Ion:152 Resp: 1351
 Ion Ratio Lower Upper
 152 100
 150 149.3 119.4 179.0
 115 64.0 48.3 72.5



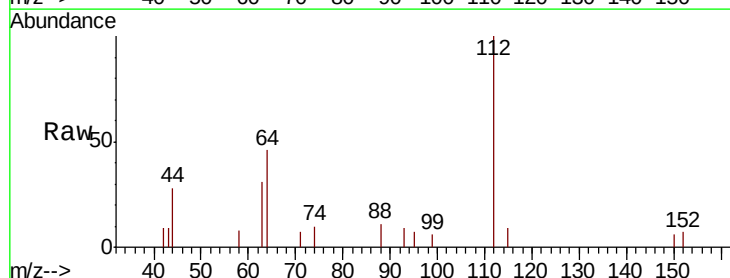
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



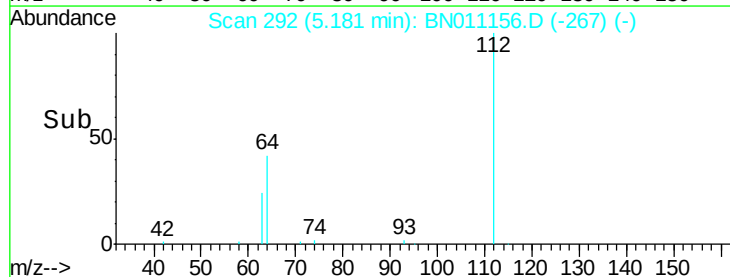
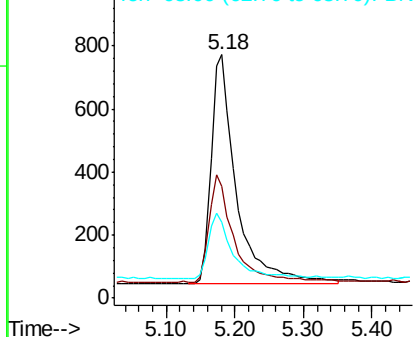
#4

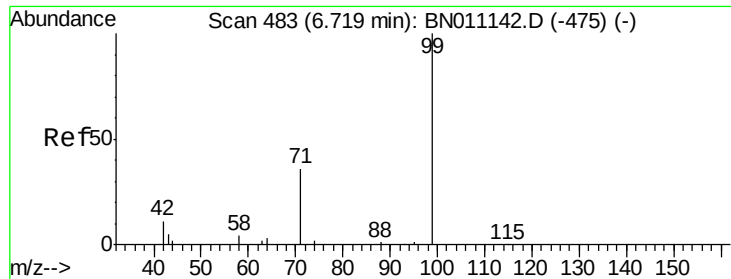
2-Fluorophenol
 Concen: 0.567 ng
 RT: 5.18 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: BN011156.D
 Acq: 13 Jul 2020 16:59

Tgt Ion:112 Resp: 1890
 Ion Ratio Lower Upper
 112 100
 64 45.9 36.7 55.1
 63 27.5 20.4 30.6



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: 0.399 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.01 min

Lab File: BN011156.D

Acq: 13 Jul 2020 16:59

Instrument :

BNA_N

ClientSampleId :

PB130052BL

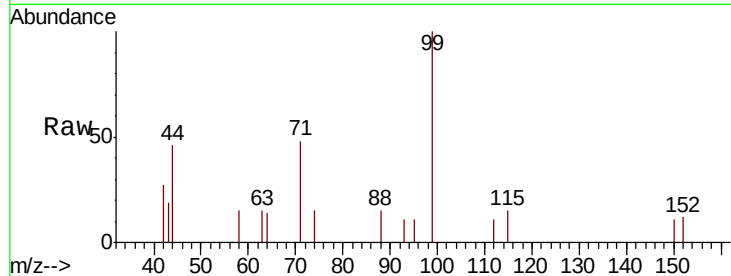
Tot Ion: 99 Resp: 1501

Ion Ratio Lower Upper

99 100

42 12.8 10.8 16.2

71 38.8 31.3 46.9



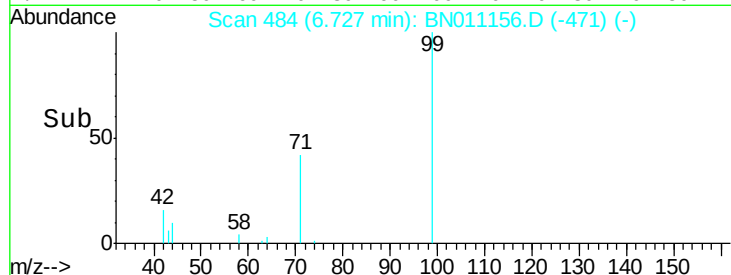
Abundance Ion 99.00 (98.70 to 99.70): BN011142.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011142.D (-475) (-)

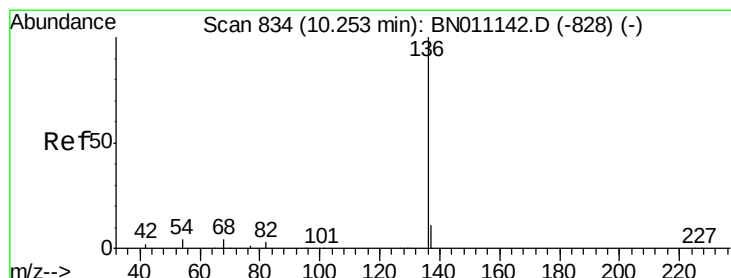
Ion 71.00 (70.70 to 71.70): BN011142.D (-475) (-)

6.73

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. 0.03 min

Lab File: BN011156.D

Acq: 13 Jul 2020 16:59

Tgt Ion: 136 Resp: 3744

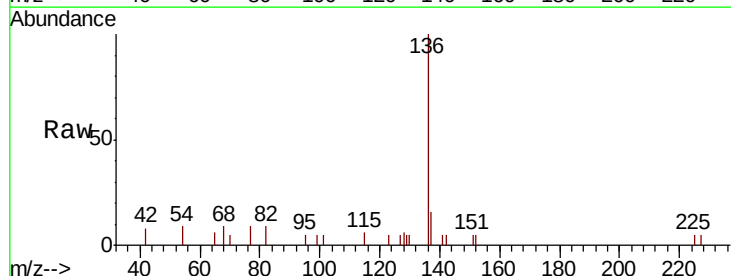
Ion Ratio Lower Upper

136 100

137 15.9 10.3 15.5#

54 9.5 4.9 7.3#

68 9.2 4.9 7.3#



Abundance Ion 136.00 (135.70 to 136.70): BN011142.D (-828) (-)

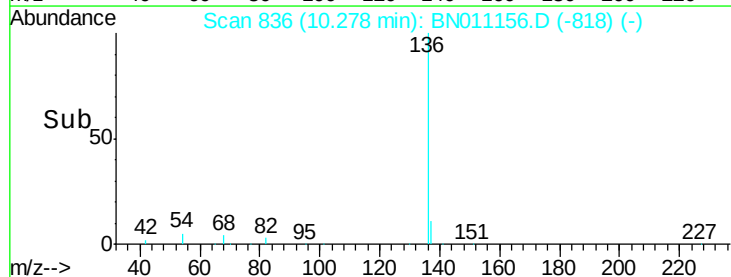
Ion 137.00 (136.70 to 137.70): BN011142.D (-828) (-)

Ion 54.00 (53.70 to 54.70): BN011142.D (-828) (-)

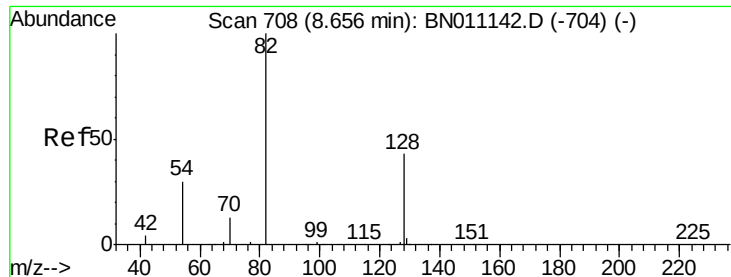
Ion 68.00 (67.70 to 68.70): BN011142.D (-828) (-)

10.28

Time-->



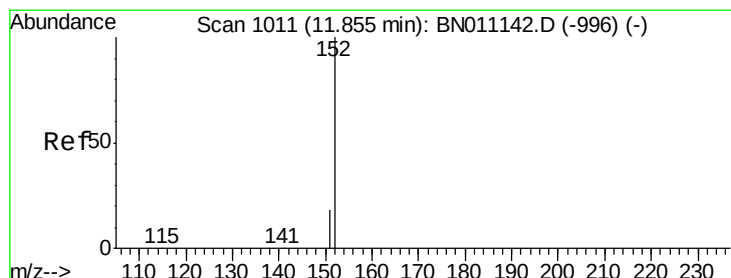
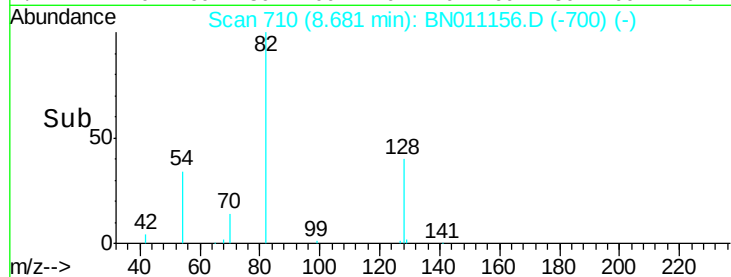
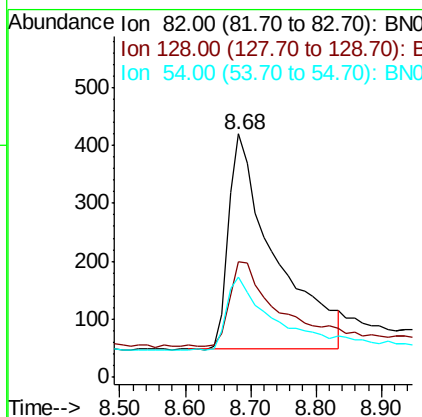
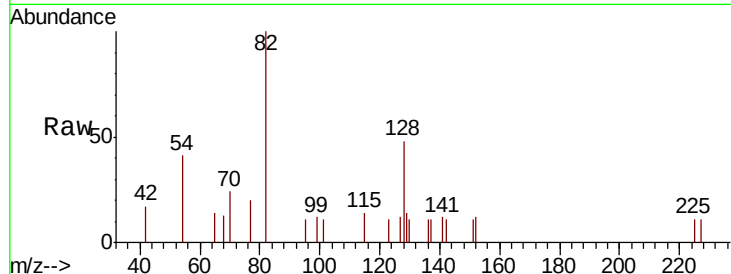
Time-->



#8
 Nitrobenzene-d5
 Concen: 0.551 ng
 RT: 8.68 min Scan# 710
 Delta R.T. 0.03 min
 Lab File: BN011156.D
 Acq: 13 Jul 2020 16:59

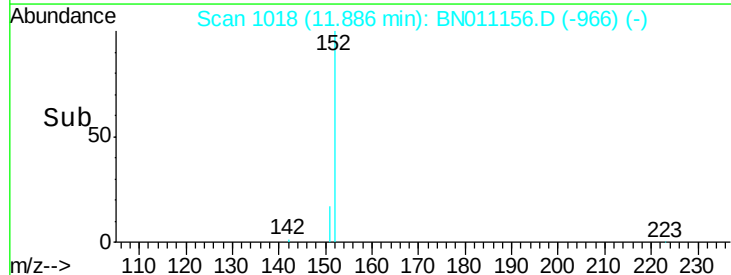
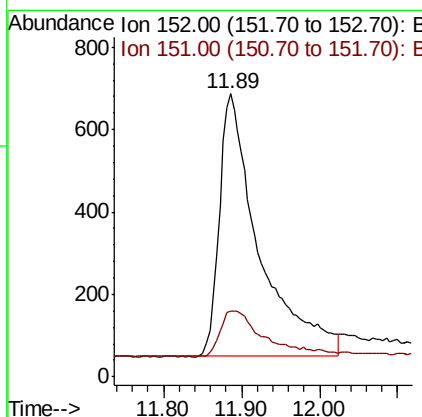
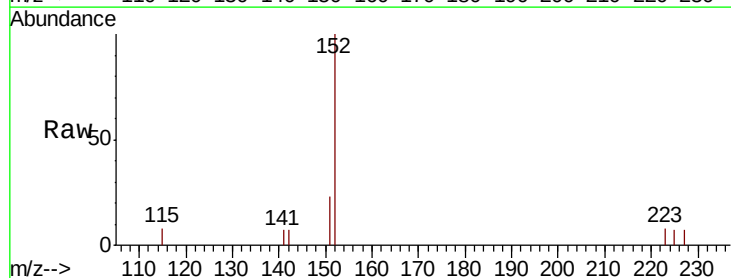
Instrument :
 BNA_N
 ClientSampleId :
 PB130052BL

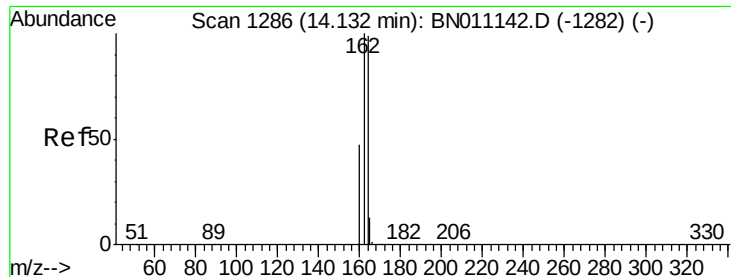
Tot Ion	82	Resp	1830
Ion Ratio	Lower	Upper	
82	100		
128	47.6	38.1	57.1
54	41.2	27.1	40.7#



#11
 2-Methylnaphthalene-d10
 Concen: 0.374 ng
 RT: 11.89 min Scan# 1018
 Delta R.T. 0.03 min
 Lab File: BN011156.D
 Acq: 13 Jul 2020 16:59

Tgt Ion	152	Resp	2269
Ion Ratio	Lower	Upper	
152	100		
151	18.9	16.5	24.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BN011156.D

Acq: 13 Jul 2020 16:59

Instrument :

BNA_N

ClientSampleId :

PB130052BL

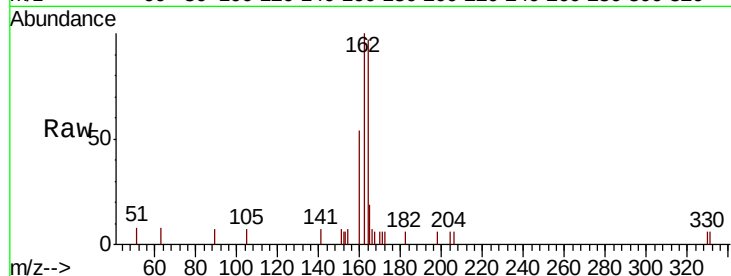
Tot Ion:164 Resp: 2084

Ion Ratio Lower Upper

164 100

162 102.6 81.0 121.4

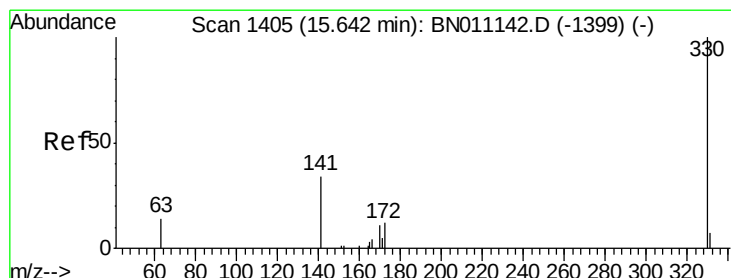
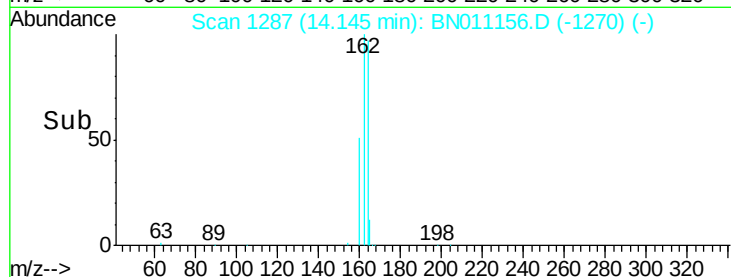
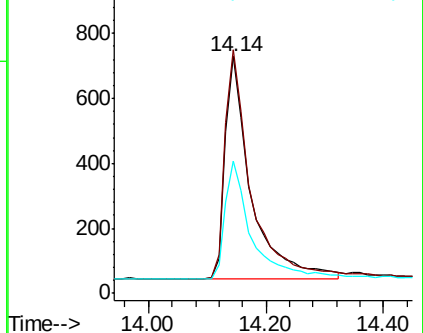
160 55.8 39.0 58.6



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: 0.455 ng

RT: 15.68 min Scan# 1408

Delta R.T. 0.04 min

Lab File: BN011156.D

Acq: 13 Jul 2020 16:59

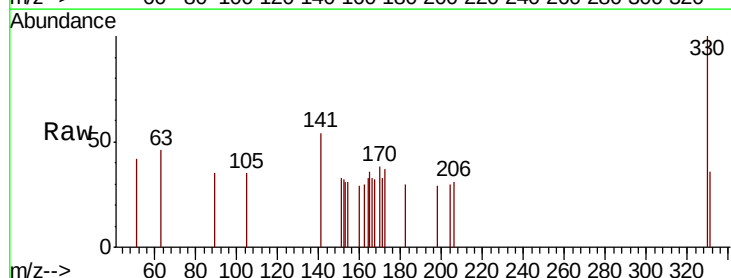
Tgt Ion:330 Resp: 421

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

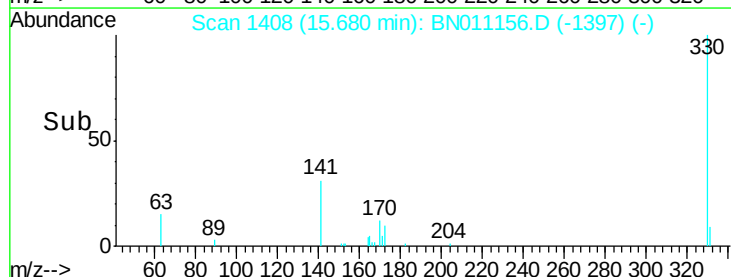
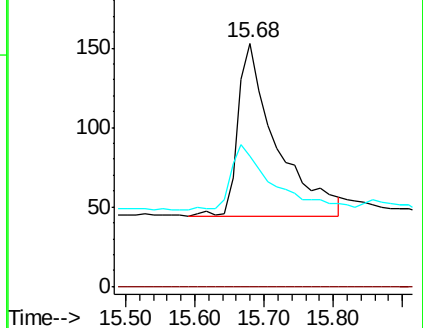
141 40.4 31.5 47.3

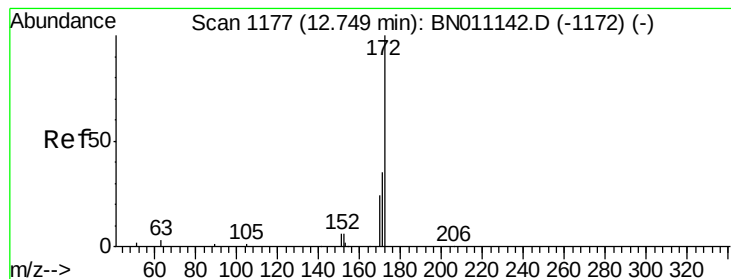


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.479 ng

RT: 12.77 min Scan# 1179

Delta R.T. 0.03 min

Lab File: BN011156.D

Acq: 13 Jul 2020 16:59

Instrument :

BNA_N

ClientSampleId :

PB130052BL

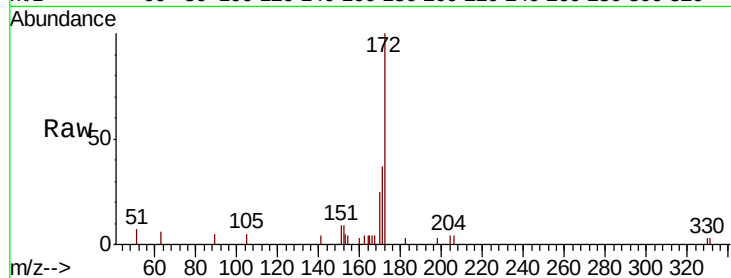
Tot Ion:172 Resp: 4677

Ion Ratio Lower Upper

172 100

171 37.2 29.0 43.6

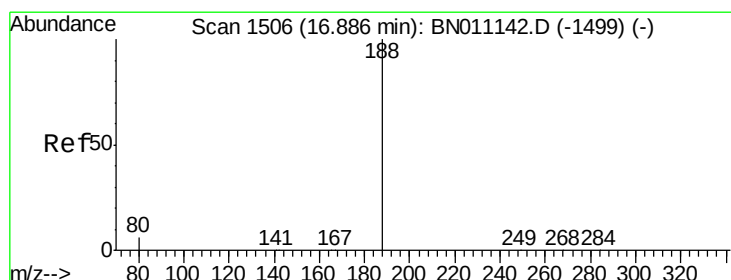
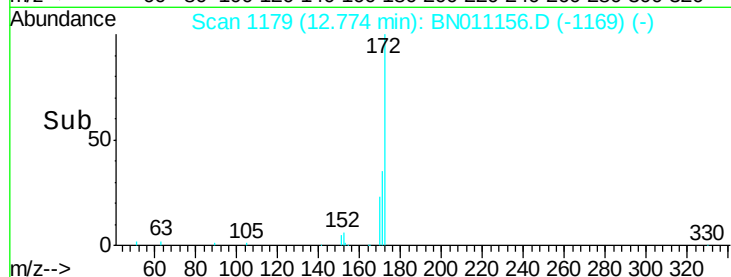
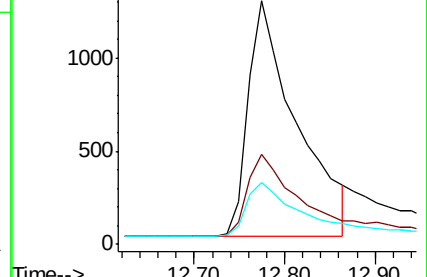
170 25.3 20.3 30.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.92 min Scan# 1509

Delta R.T. 0.04 min

Lab File: BN011156.D

Acq: 13 Jul 2020 16:59

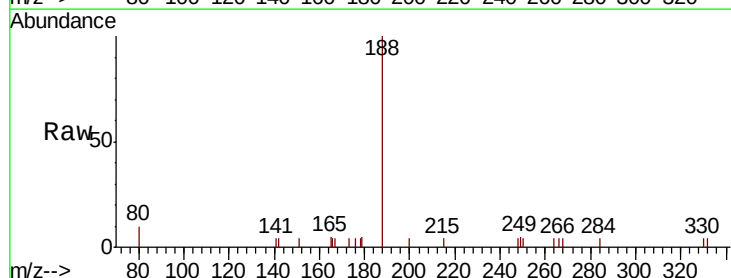
Tgt Ion:188 Resp: 4704

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

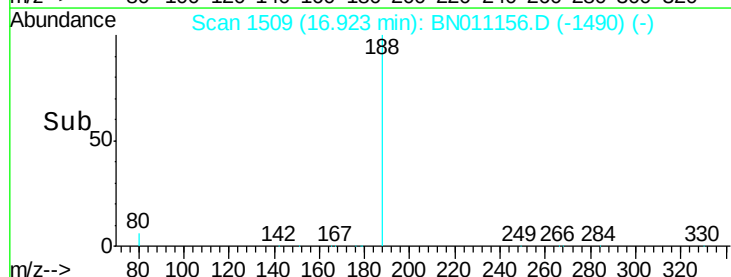
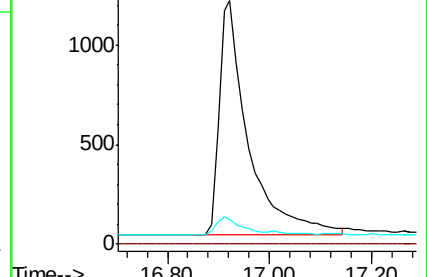
80 9.9 6.3 9.5#

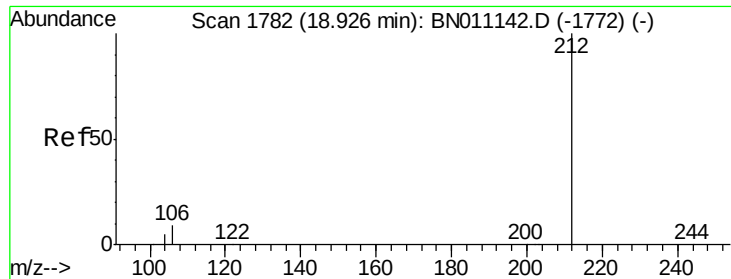


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

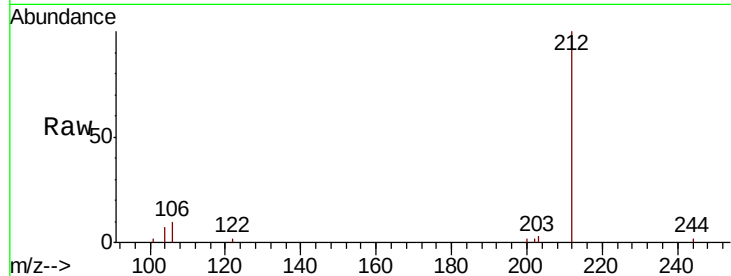




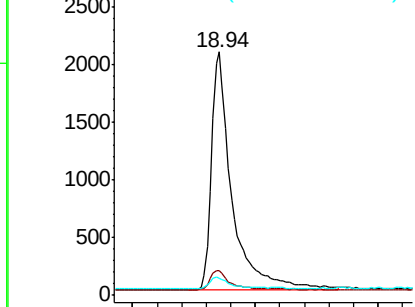
#27
 Fluoranthene-d10
 Concen: 0.328 ng
 RT: 18.94 min Scan# 1785
 Delta R.T. 0.01 min
 Lab File: BN011156.D
 Acq: 13 Jul 2020 16:59

Instrument :
 BNA_N
 ClientSampled :
 PB130052BL

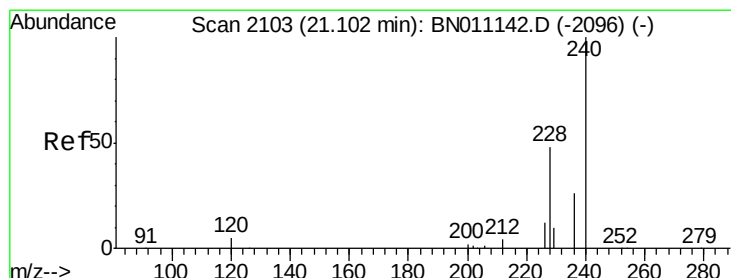
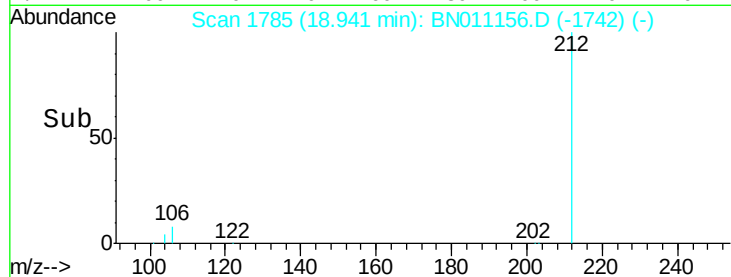
Tot Ion:212 Resp: 4868
 Ion Ratio Lower Upper
 212 100
 106 8.1 7.0 10.6
 104 4.9 4.2 6.4



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

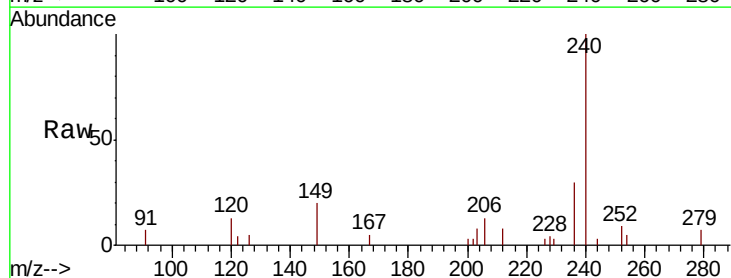


Time--> 18.80 19.00 19.20

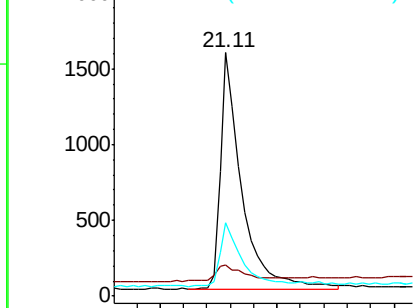


#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.11 min Scan# 2104
 Delta R.T. 0.01 min
 Lab File: BN011156.D
 Acq: 13 Jul 2020 16:59

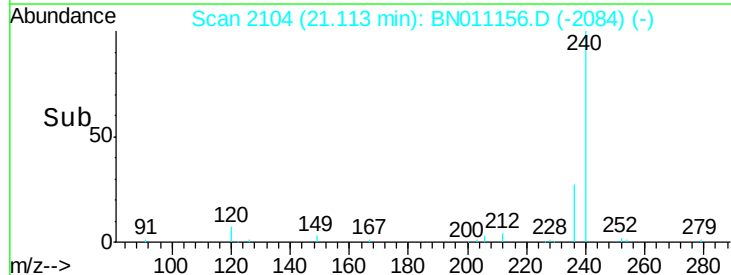
Tgt Ion:240 Resp: 3971
 Ion Ratio Lower Upper
 240 100
 120 12.6 6.5 9.7#
 236 29.9 21.9 32.9

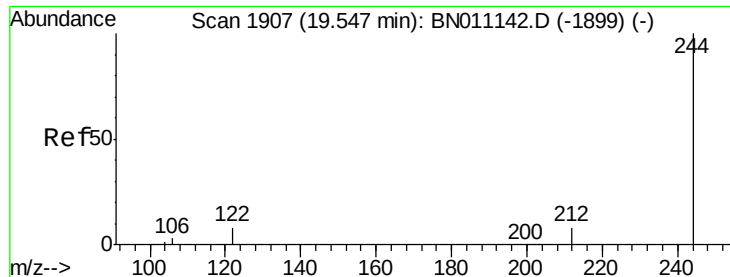


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



Time--> 21.00 21.20





#31

Terphenyl-d14

Concen: 0.741 ng

RT: 19.55 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BN011156.D

Acq: 13 Jul 2020 16:59

Instrument :

BNA_N

ClientSampleId :

PB130052BL

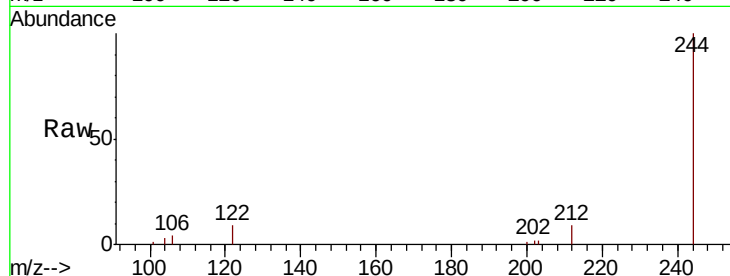
Tot Ion:244 Resp: 7661

Ion Ratio Lower Upper

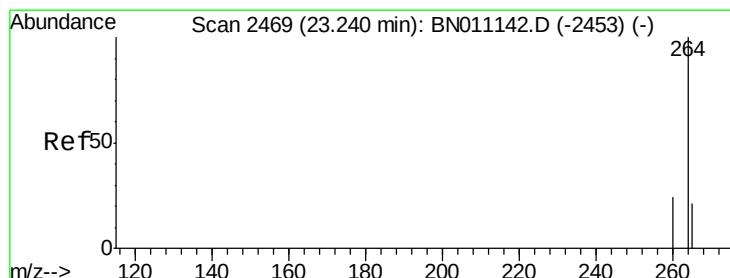
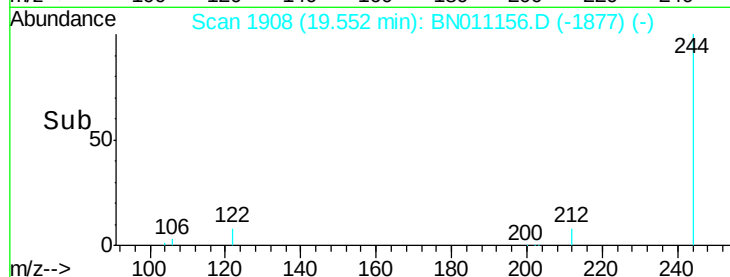
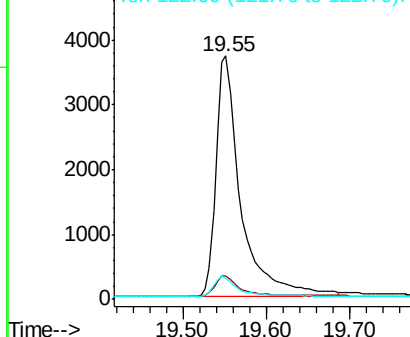
244 100

212 9.4 7.8 11.6

122 8.7 7.4 11.0



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.25 min Scan# 2472

Delta R.T. 0.01 min

Lab File: BN011156.D

Acq: 13 Jul 2020 16:59

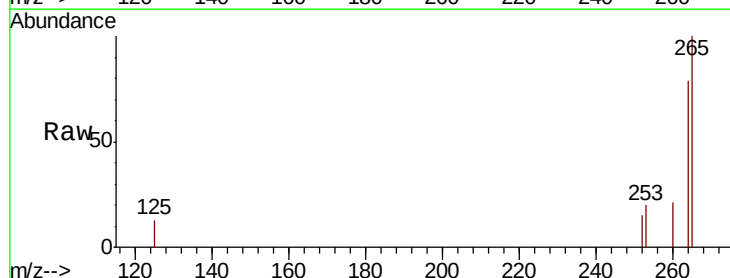
Tgt Ion:264 Resp: 4529

Ion Ratio Lower Upper

264 100

260 26.7 20.1 30.1

265 127.0 76.6 115.0#



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

