

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100519\
 Data File : BN008025.D
 Acq On : 05 Oct 2019 14:40
 Operator : JU
 Sample : PB123460BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB123460BL

Quant Time: Oct 07 14:20:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 03 18:39:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	5200	0.40	ng	-0.02
7) Naphthalene-d8	10.44	136	20402	0.40	ng	-0.03
13) Acenaphthene-d10	14.30	164	12934	0.40	ng	-0.02
19) Phenanthrene-d10	17.05	188	25842	0.40	ng	-0.02
27) Chrysene-d12	21.25	240	26498	0.40	ng	-0.02
34) Perylene-d12	23.47	264	27777	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.32	112	5201	0.29	ng	0.00
5) Phenol-d6	6.88	99	6813	0.30	ng	0.00
8) Nitrobenzene-d5	8.82	82	6176	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	11346	0.33	ng	-0.02
14) 2,4,6-Tribromophenol	15.81	330	2353	0.33	ng	-0.01
15) 2-Fluorobiphenyl	12.92	172	15644	0.29	ng	-0.02
25) Fluoranthene-d10	19.09	212	31157	0.36	ng	-0.02
29) Terphenyl-d14	19.69	244	25674	0.39	ng	-0.02

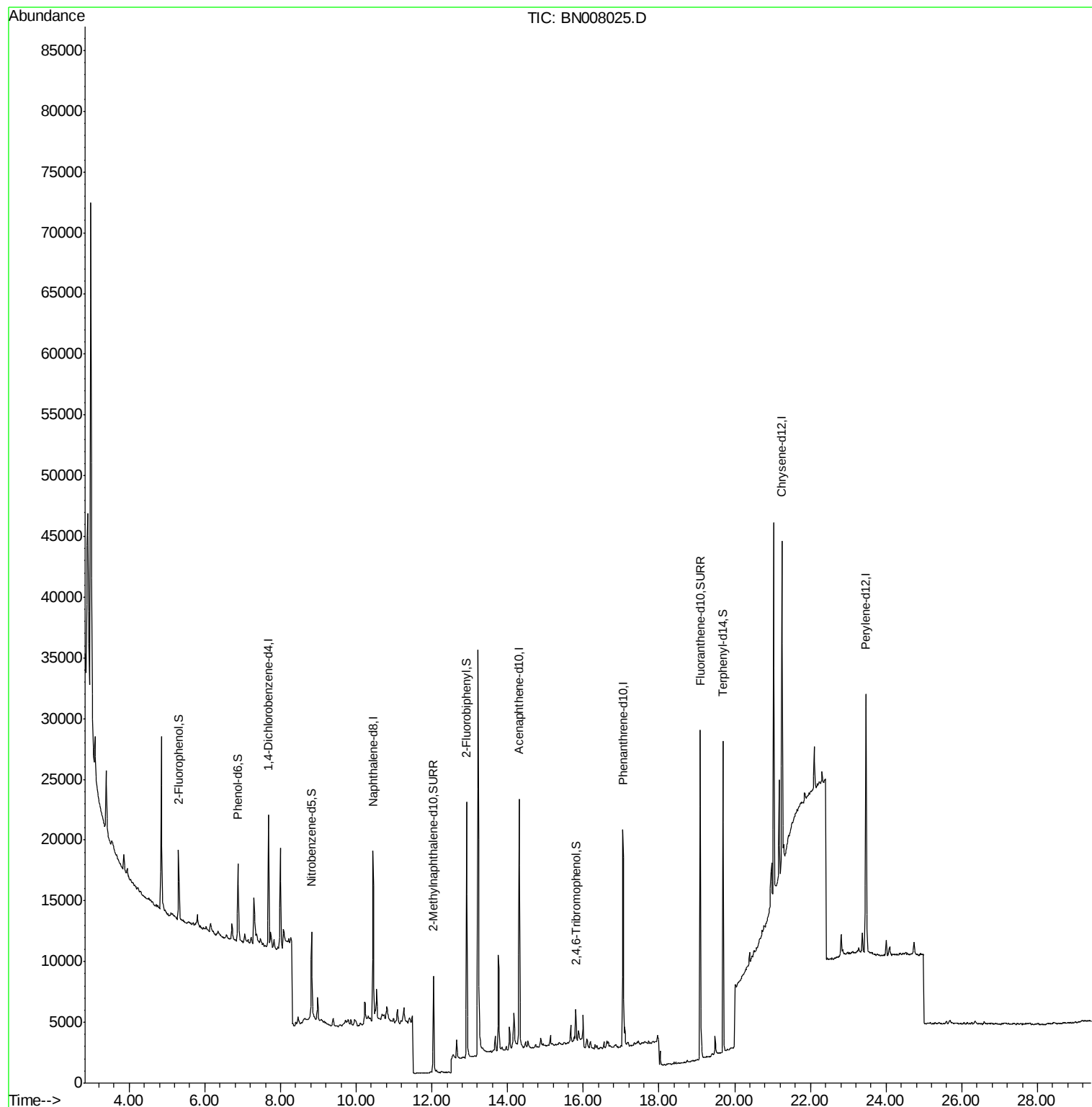
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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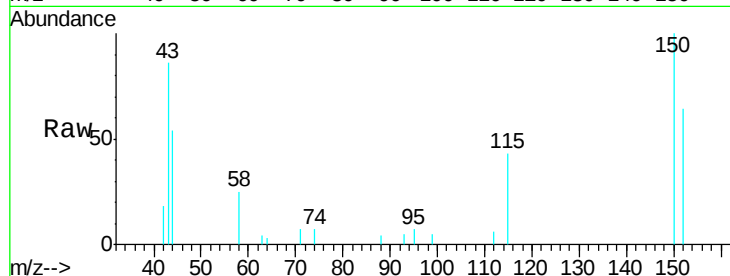


#1

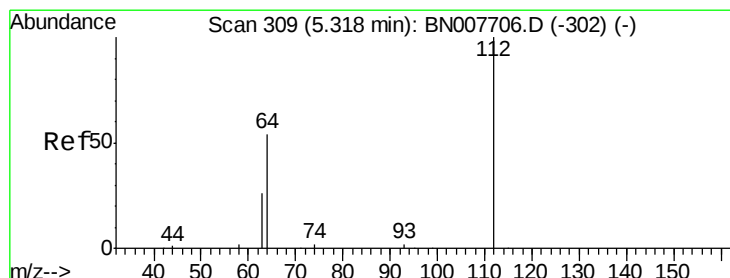
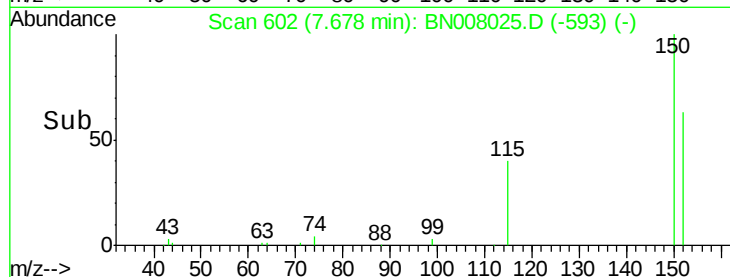
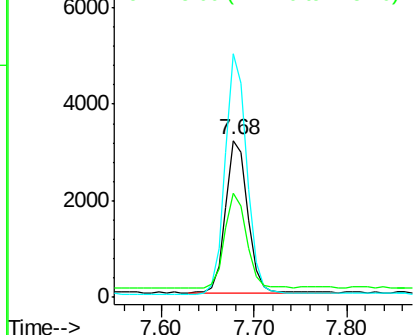
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 602
Delta R.T. -0.02 min
Lab File: BN008025.D
Acq: 05 Oct 2019 14:40

Instrument :
BNA_N
ClientSampleId :
PB123460BL

Tgt Ion:152 Resp: 5200
Ion Ratio Lower Upper
152 100
150 155.5 125.6 188.4
115 66.8 53.3 79.9



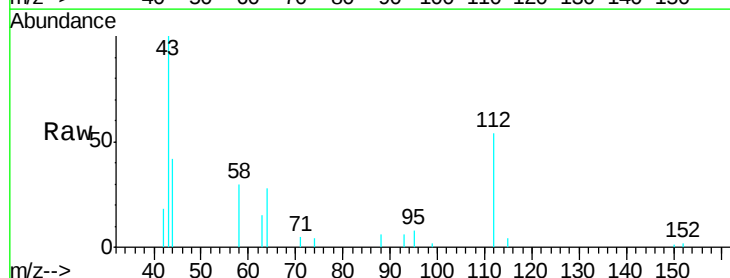
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



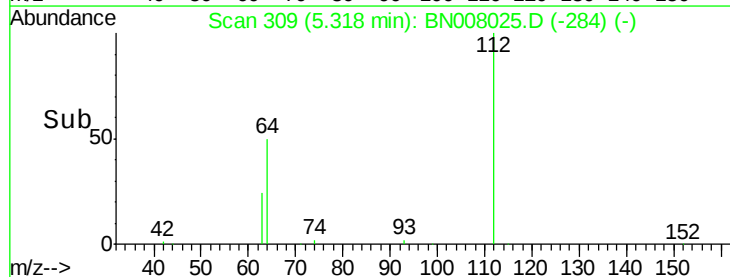
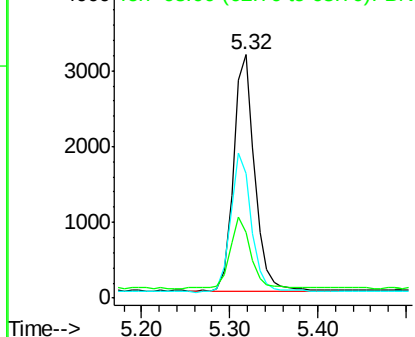
#4

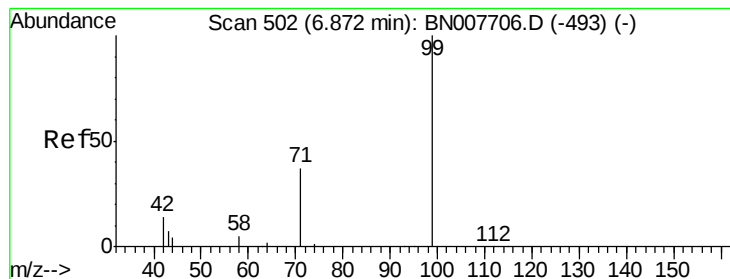
2-Fluorophenol
Concen: 0.291 ng
RT: 5.32 min Scan# 309
Delta R.T. -0.00 min
Lab File: BN008025.D
Acq: 05 Oct 2019 14:40

Tgt Ion:112 Resp: 5201
Ion Ratio Lower Upper
112 100
64 58.2 46.6 70.0
63 30.4 23.1 34.7



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: 0.304 ng

RT: 6.88 min Scan# 503

Delta R.T. 0.01 min

Lab File: BN008025.D

Acq: 05 Oct 2019 14:40

Instrument :

BNA_N

ClientSampled :

PB123460BL

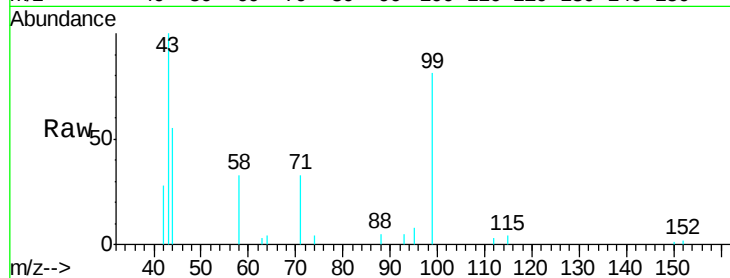
Tgt Ion: 99 Resp: 6813

Ion Ratio Lower Upper

99 100

42 15.6 12.8 19.2

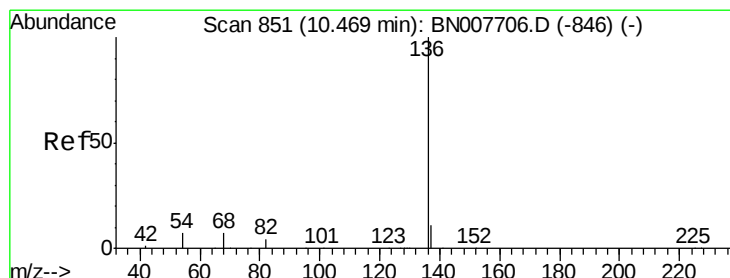
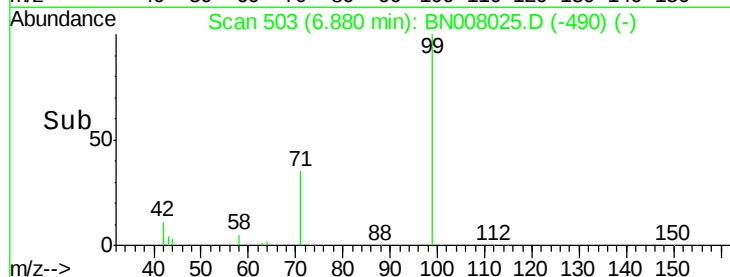
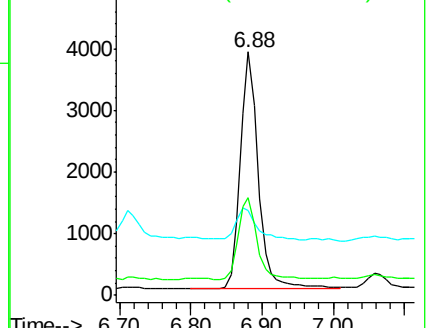
71 35.3 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

Ion 42.00 (41.70 to 42.70): BN007706.D (-493) (-)

Ion 71.00 (70.70 to 71.70): BN007706.D (-493) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 849

Delta R.T. -0.03 min

Lab File: BN008025.D

Acq: 05 Oct 2019 14:40

Tgt Ion: 136 Resp: 20402

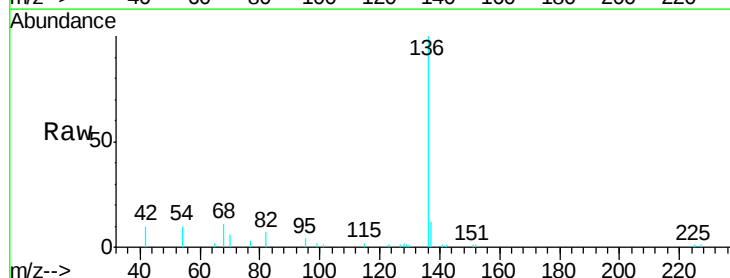
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 9.6 5.8 8.8#

68 10.7 6.5 9.7#

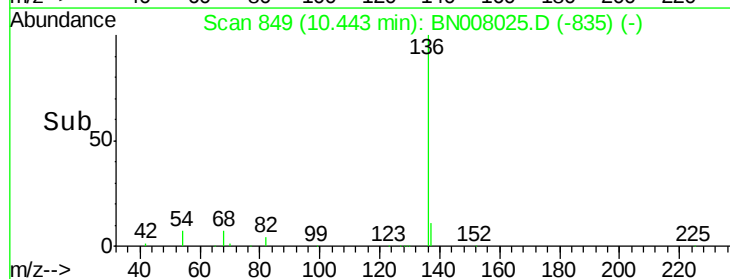
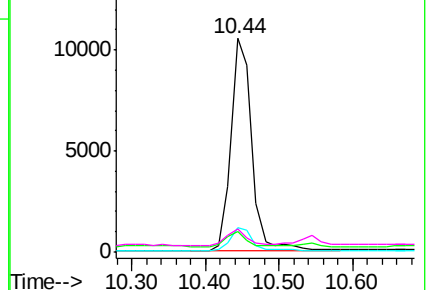


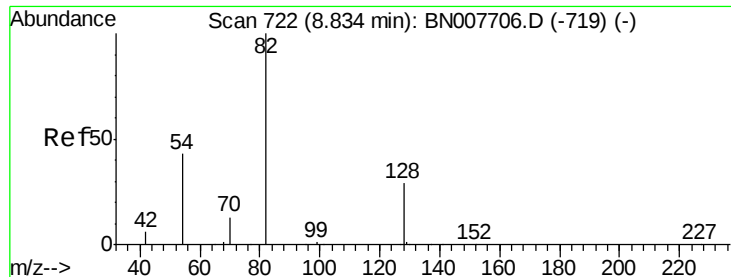
Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

Ion 137.00 (136.70 to 137.70): BN007706.D (-846) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-846) (-)

Ion 68.00 (67.70 to 68.70): BN007706.D (-846) (-)

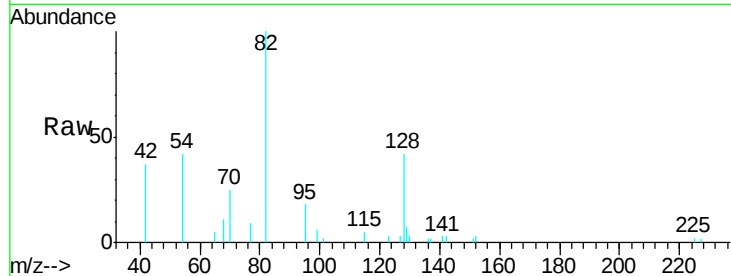




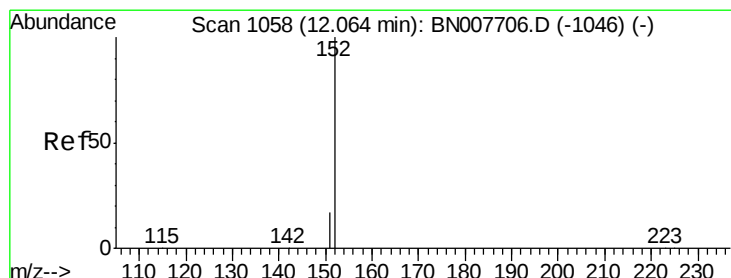
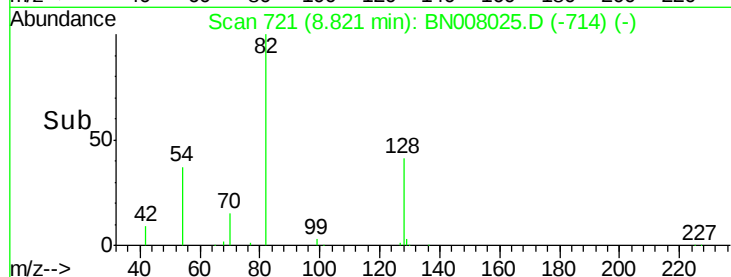
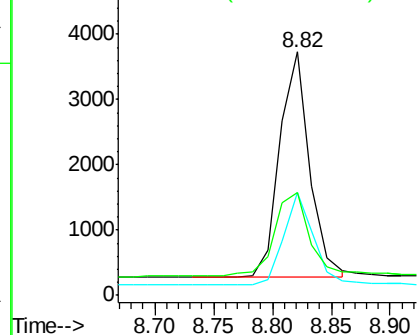
#8
 Nitrobenzene-d5
 Concen: 0.346 ng
 RT: 8.82 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BN008025.D
 Acq: 05 Oct 2019 14:40

Instrument :
 BNA_N
 ClientSampleId :
 PB123460BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.3	24.5	36.7#
54	42.0	35.2	52.8

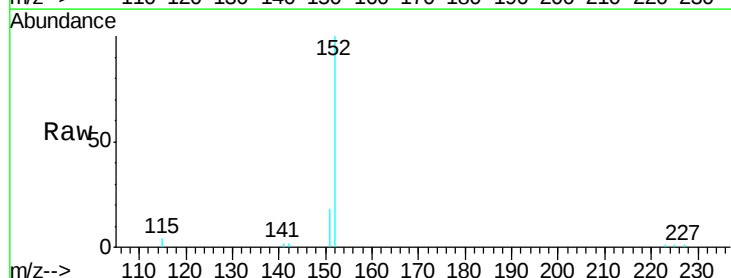


Abundance Ion 82.00 (81.70 to 82.70): BNC
 Ion 128.00 (127.70 to 128.70): BNC
 Ion 54.00 (53.70 to 54.70): BNC

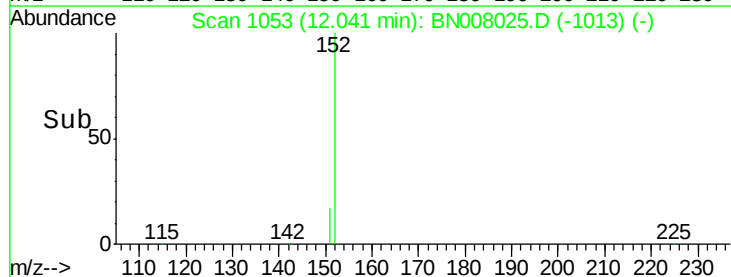
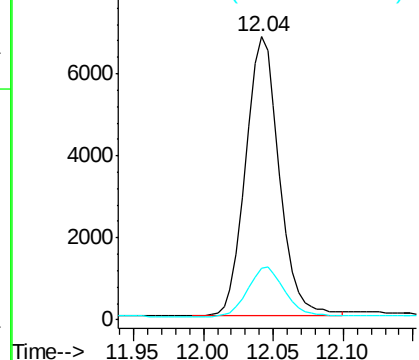


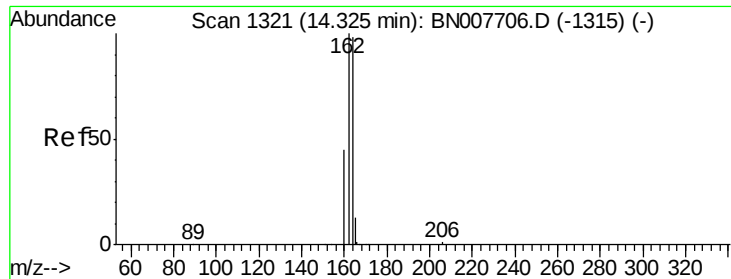
#11
 2-Methylnaphthalene-d10
 Concen: 0.330 ng
 RT: 12.04 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: BN008025.D
 Acq: 05 Oct 2019 14:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2



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: 14.30 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BN008025.D

Acq: 05 Oct 2019 14:40

Instrument :

BNA_N

ClientSampleId :

PB123460BL

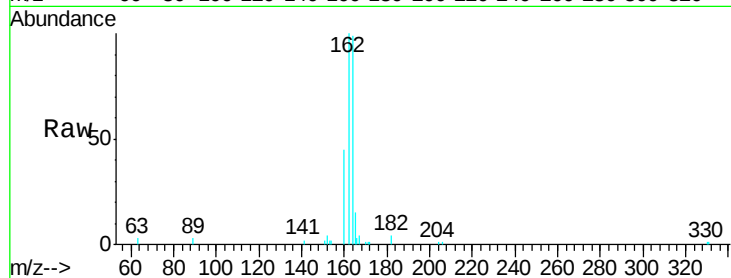
Tgt Ion:164 Resp: 12934

Ion Ratio Lower Upper

164 100

162 101.1 81.7 122.5

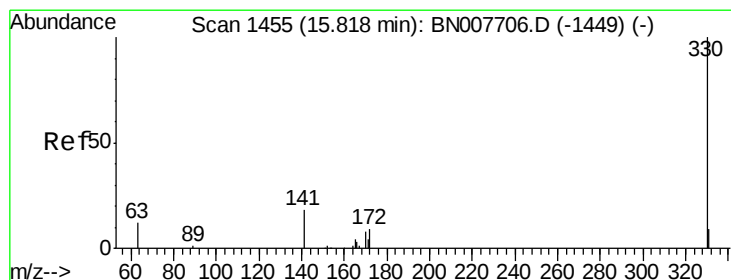
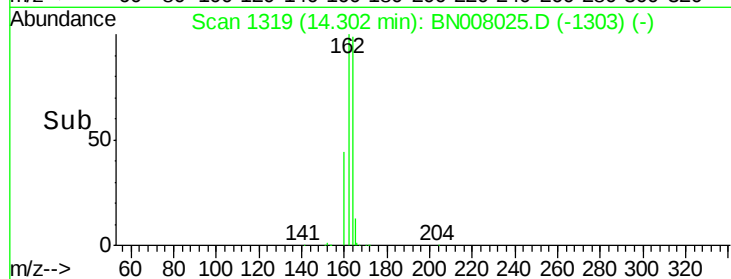
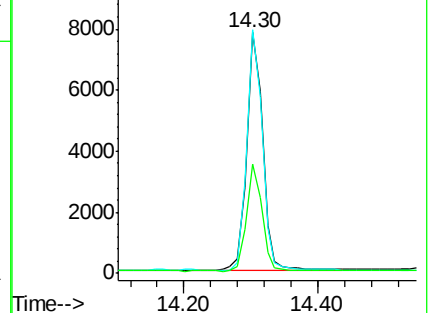
160 45.5 37.0 55.4



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: 0.334 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN008025.D

Acq: 05 Oct 2019 14:40

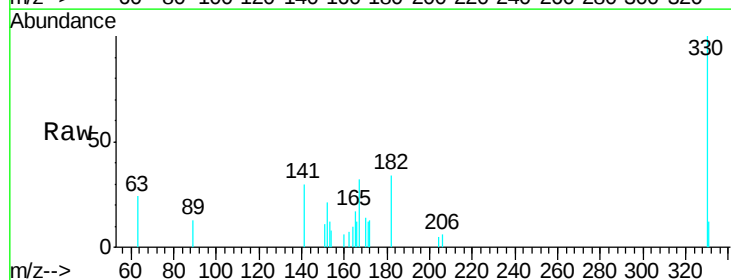
Tgt Ion:330 Resp: 2353

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

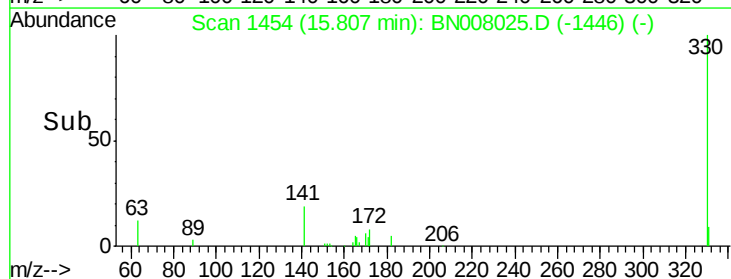
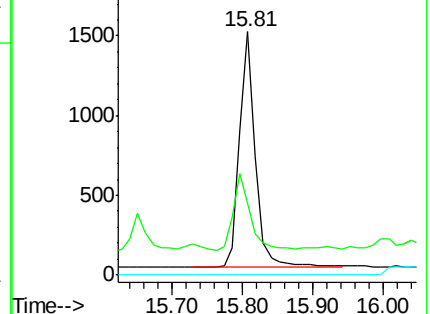
141 34.7 28.7 43.1

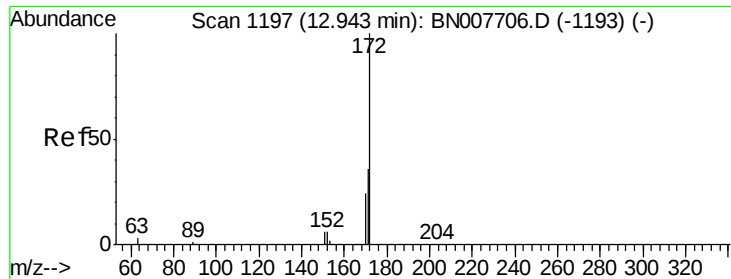


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

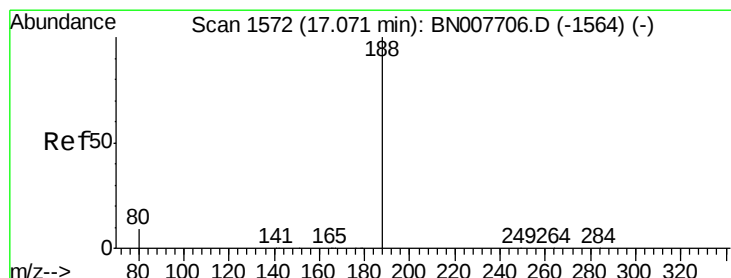
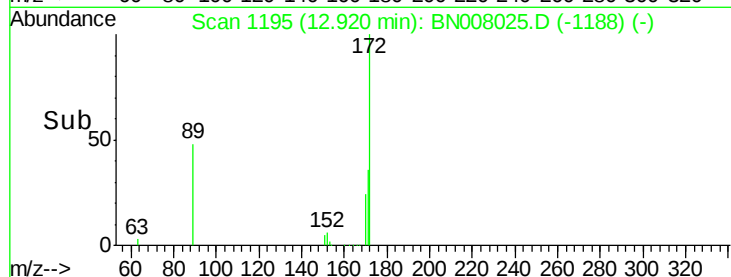
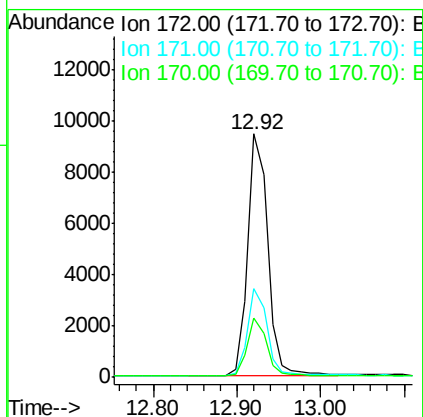
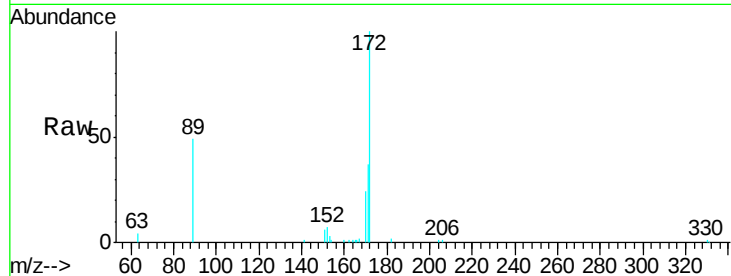




#15
2-Fluorobiphenyl
Concen: 0.294 ng
RT: 12.92 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN008025.D
Acq: 05 Oct 2019 14:40

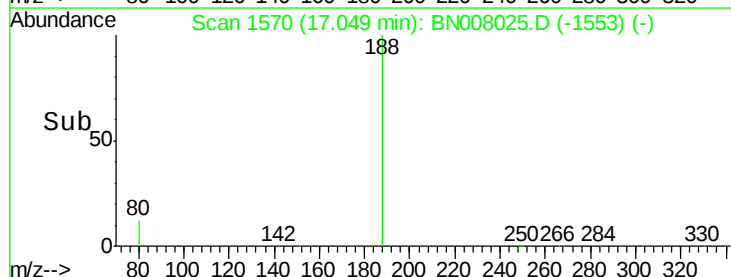
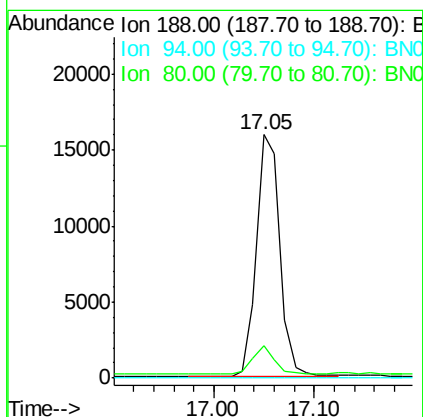
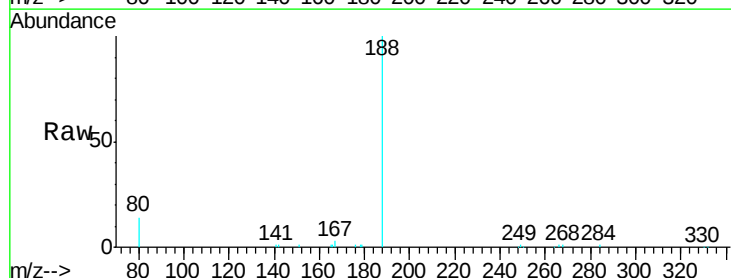
Instrument :
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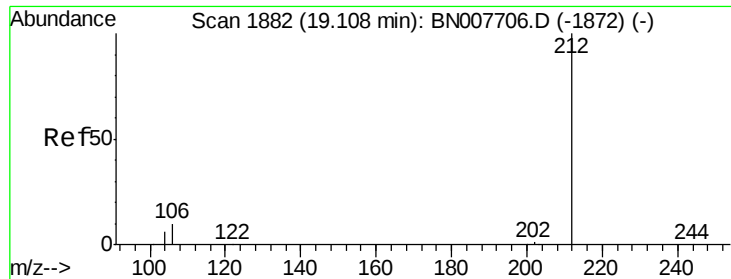
Tgt Ion:172 Resp: 15644
Ion Ratio Lower Upper
172 100
171 36.6 28.8 43.2
170 24.2 19.5 29.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BN008025.D
Acq: 05 Oct 2019 14:40

Tgt Ion:188 Resp: 25842
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 7.4 11.2#





#25

Fluoranthene-d10

Concen: 0.358 ng

RT: 19.09 min Scan# 1878

Delta R.T. -0.02 min

Lab File: BN008025.D

Acq: 05 Oct 2019 14:40

Instrument :

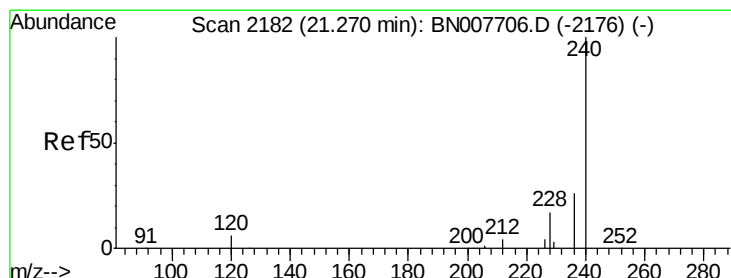
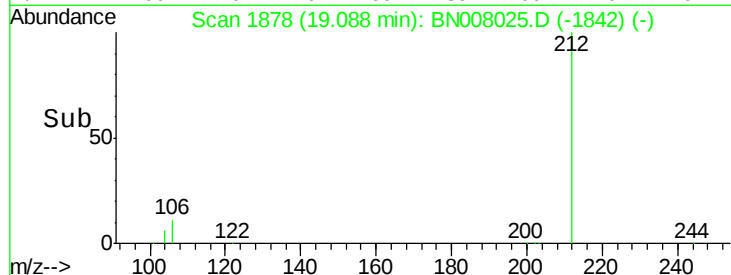
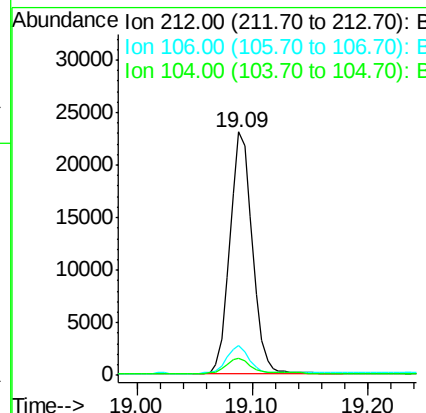
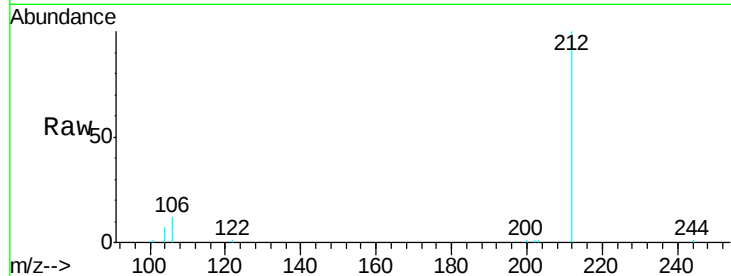
BNA_N

ClientSampleId :

PB123460BL

Tgt Ion:212 Resp: 31157

Ion	Ratio	Lower	Upper
212	100		
106	11.1	9.4	14.0
104	6.3	5.3	7.9



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.25 min Scan# 2180

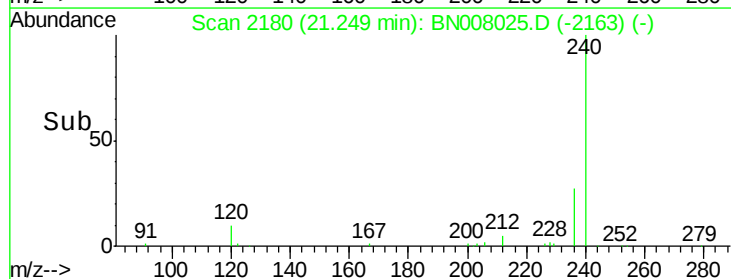
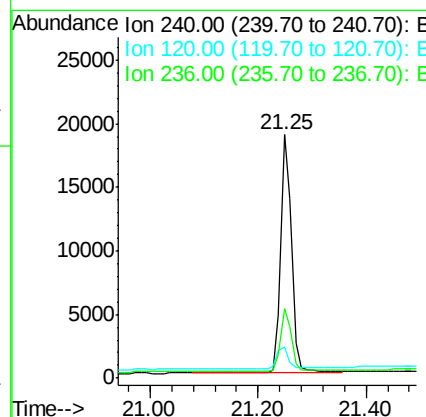
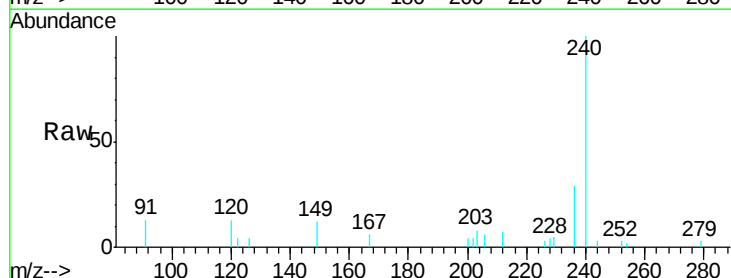
Delta R.T. -0.02 min

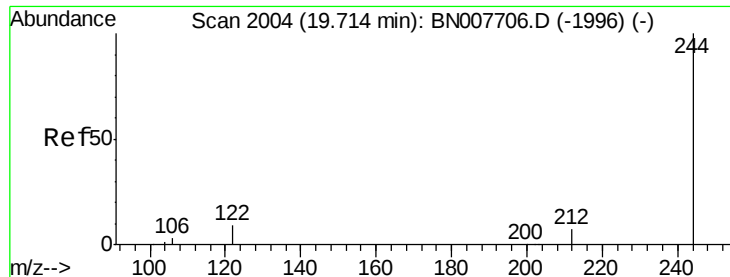
Lab File: BN008025.D

Acq: 05 Oct 2019 14:40

Tgt Ion:240 Resp: 26498

Ion	Ratio	Lower	Upper
240	100		
120	13.0	5.4	8.2#
236	28.8	21.0	31.4





#29

Terphenyl-d14

Concen: 0.394 ng

RT: 19.69 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BN008025.D

Acq: 05 Oct 2019 14:40

Instrument :

BNA_N

ClientSampleId :

PB123460BL

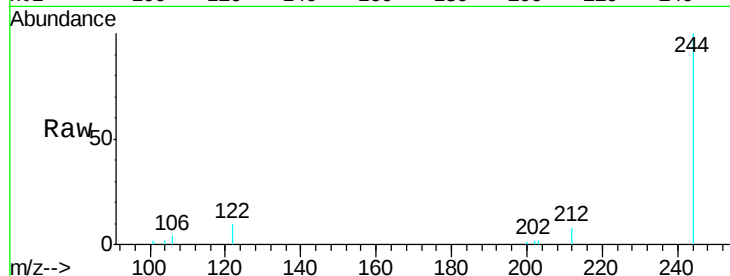
Tgt Ion:244 Resp: 25674

Ion Ratio Lower Upper

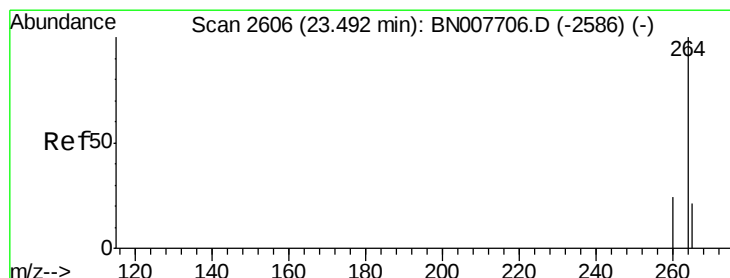
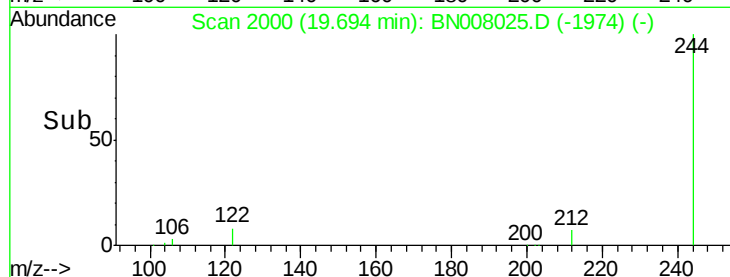
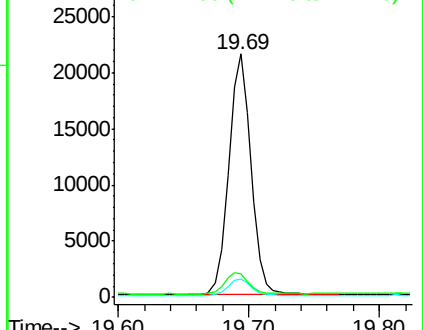
244 100

212 7.6 5.9 8.9

122 9.8 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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.47 min Scan# 2599

Delta R.T. -0.02 min

Lab File: BN008025.D

Acq: 05 Oct 2019 14:40

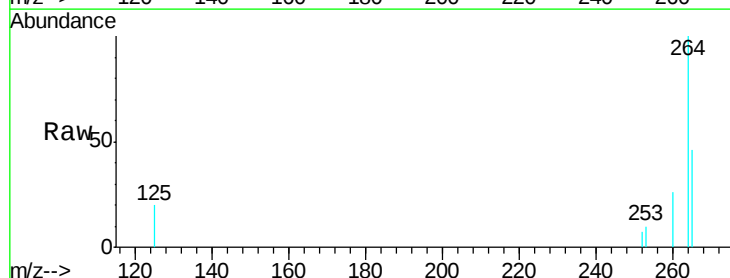
Tgt Ion:264 Resp: 27777

Ion Ratio Lower Upper

264 100

260 26.3 19.3 28.9

265 45.9 26.9 40.3#



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

