

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042820\
 Data File : BN010619.D
 Acq On : 28 Apr 2020 10:06
 Operator : CG/JU
 Sample : PB128436BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128436BL

Quant Time: Apr 28 10:39:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 10:15:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	4769	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	19819	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	12428	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	28442	0.40	ng	0.00
27) Chrysene-d12	21.17	240	23050	0.40	ng	0.00
34) Perylene-d12	23.34	264	21934	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	3751	0.36	ng	0.00
5) Phenol-d6	6.78	99	4543	0.33	ng	0.00
8) Nitrobenzene-d5	8.72	82	4908	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.94	152	11096	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	1807	0.31	ng	0.01
15) 2-Fluorobiphenyl	12.84	172	15500	0.34	ng	0.01
25) Fluoranthene-d10	19.00	212	27221	0.32	ng	0.00
29) Terphenyl-d14	19.61	244	21583	0.41	ng	0.00

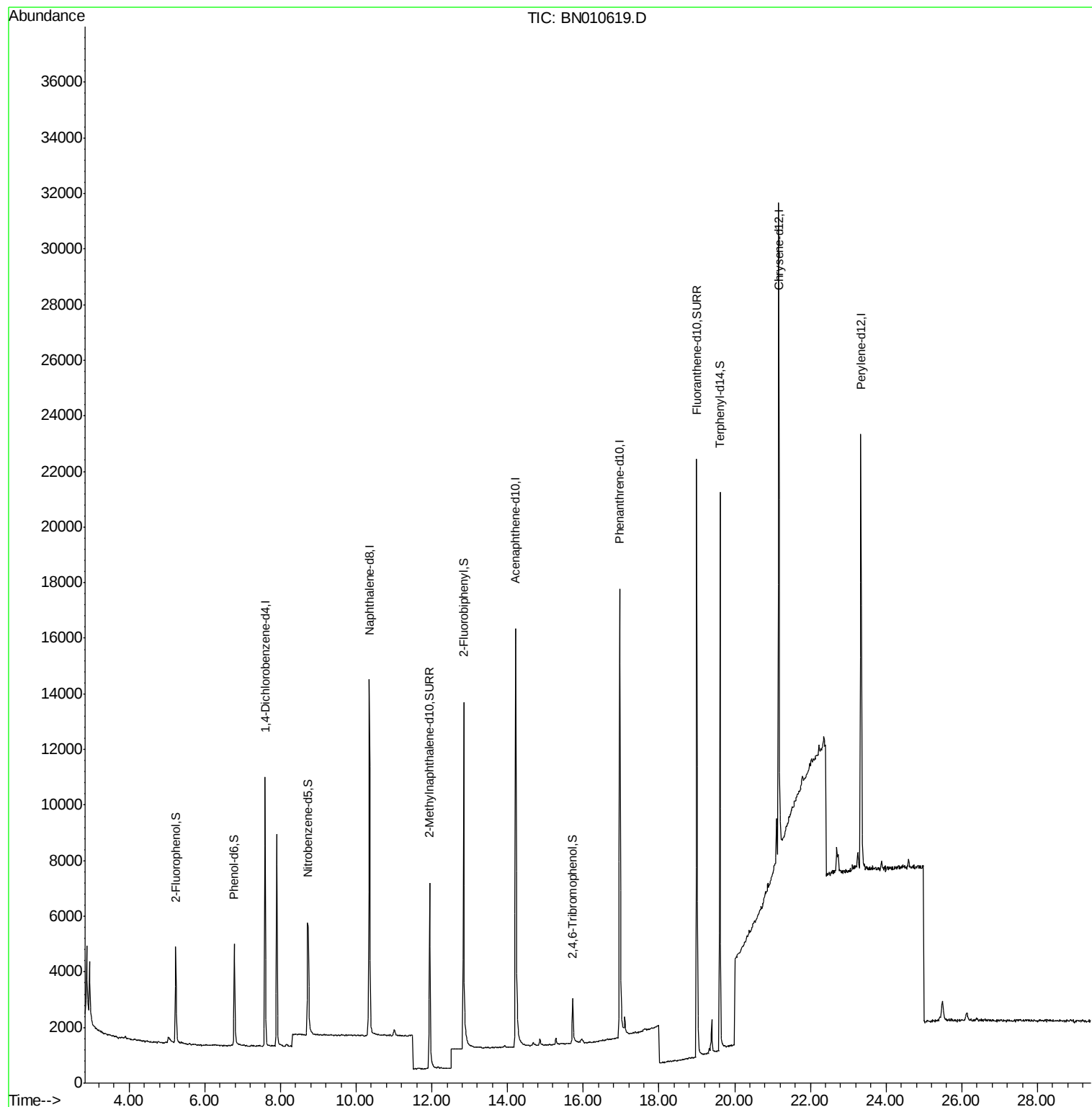
Target Compounds	Qvalue

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

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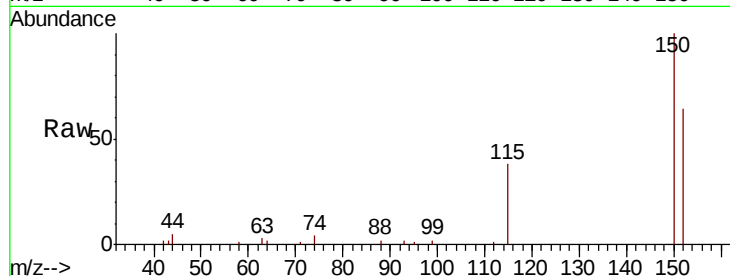


#1

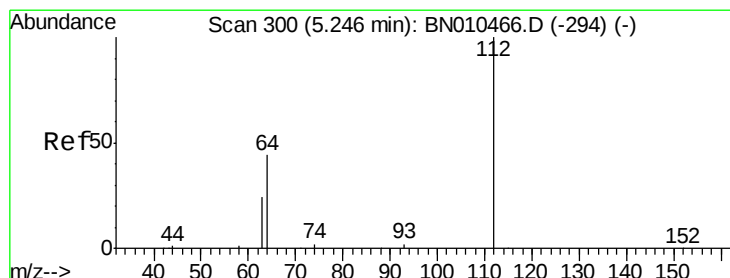
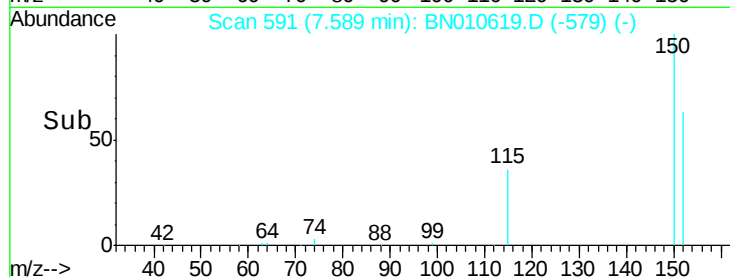
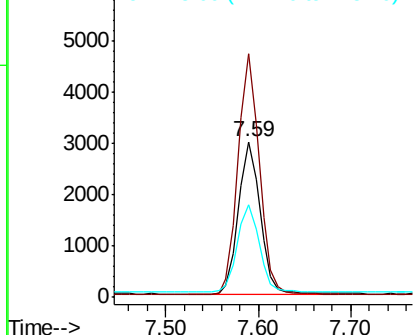
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 591
Delta R.T. 0.00 min
Lab File: BN010619.D
Acq: 28 Apr 2020 10:06

Instrument :
BNA_N
ClientSampleId :
PB128436BL

Tot Ion:152 Resp: 4769
Ion Ratio Lower Upper
152 100
150 156.6 121.8 182.6
115 59.9 45.5 68.3



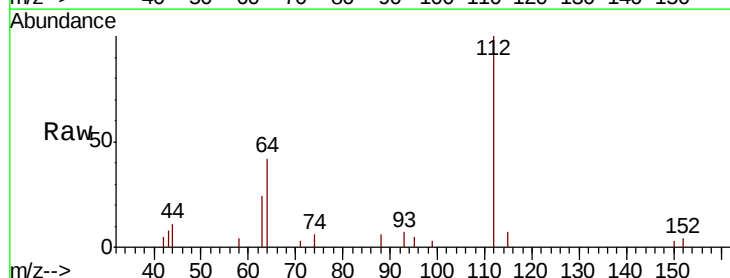
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



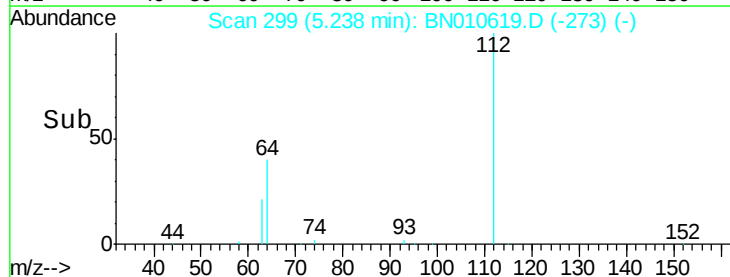
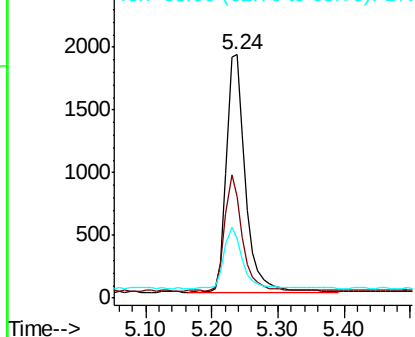
#4

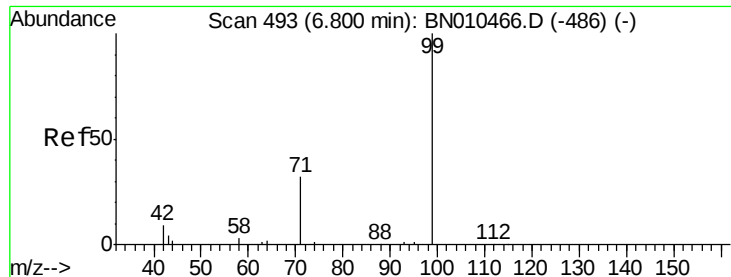
2-Fluorophenol
Concen: 0.359 ng
RT: 5.24 min Scan# 299
Delta R.T. 0.01 min
Lab File: BN010619.D
Acq: 28 Apr 2020 10:06

Tgt Ion:112 Resp: 3751
Ion Ratio Lower Upper
112 100
64 45.1 35.8 53.8
63 25.5 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: 0.333 ng

RT: 6.78 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN010619.D

Acq: 28 Apr 2020 10:06

Instrument :

BNA_N

ClientSampleId :

PB128436BL

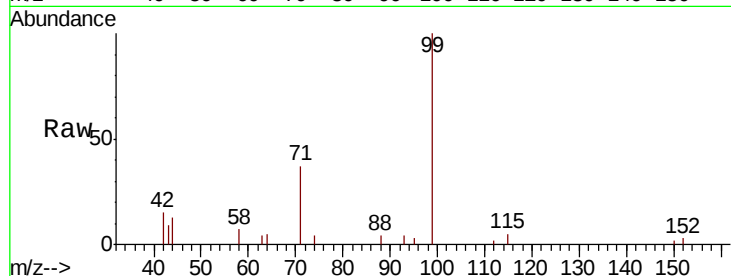
Tot Ion: 99 Resp: 4543

Ion Ratio Lower Upper

99 100

42 11.8 9.8 14.6

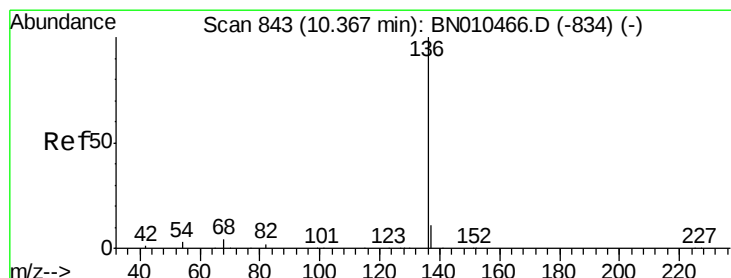
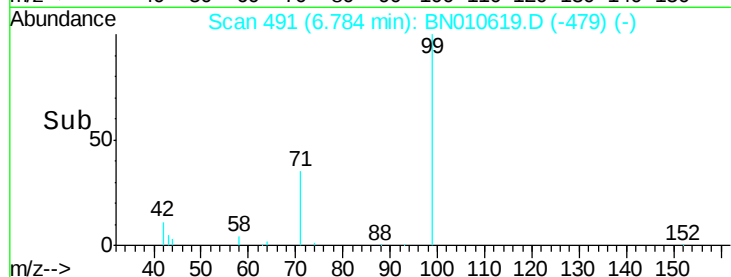
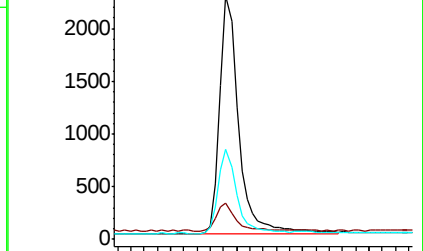
71 34.1 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BN010619.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010619.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010619.D (-479) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN010619.D

Acq: 28 Apr 2020 10:06

Tgt Ion: 136 Resp: 19819

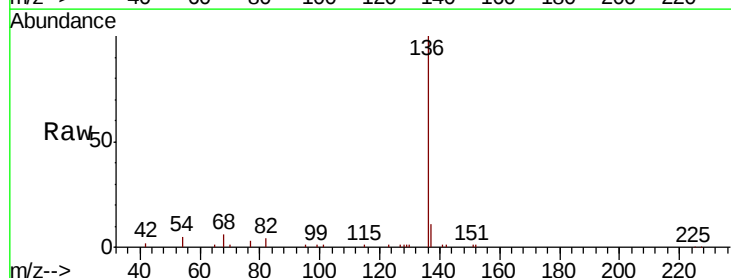
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 4.5 2.6 4.0#

68 5.5 3.4 5.2#

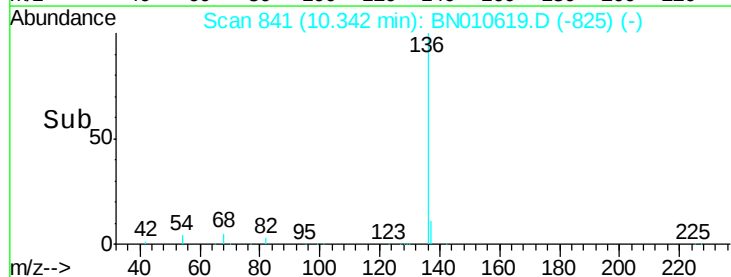
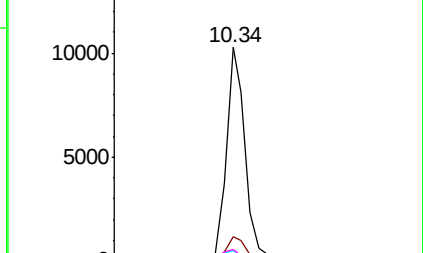


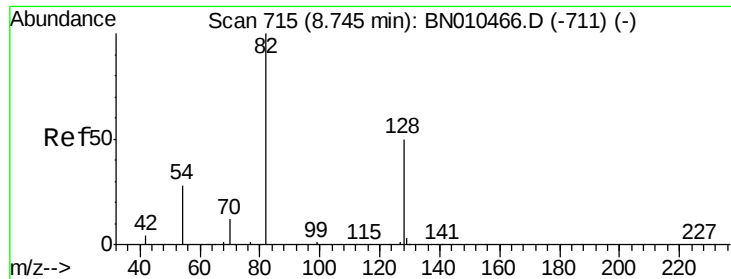
Abundance Ion 136.00 (135.70 to 136.70): BN010619.D (-825) (-)

Ion 137.00 (136.70 to 137.70): BN010619.D (-825) (-)

Ion 54.00 (53.70 to 54.70): BN010619.D (-825) (-)

Ion 68.00 (67.70 to 68.70): BN010619.D (-825) (-)

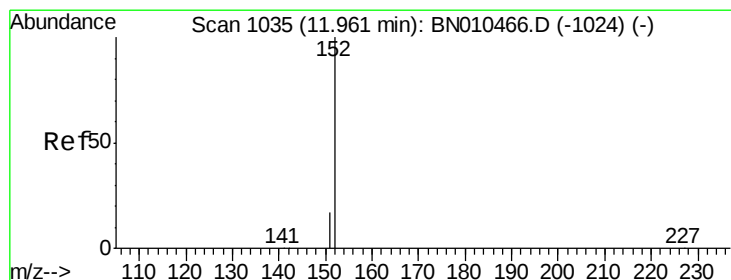
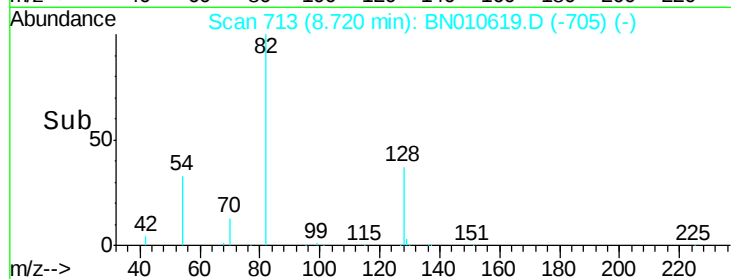
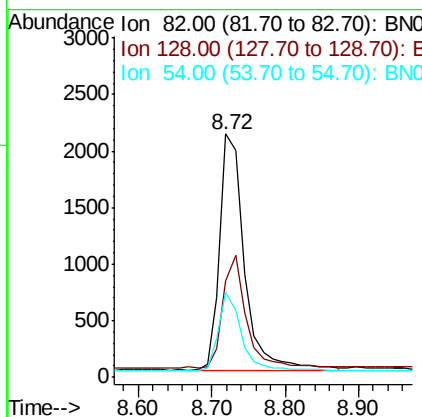
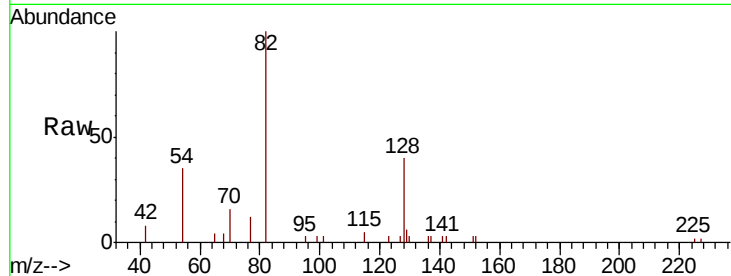




#8
 Nitrobenzene-d5
 Concen: 0.354 ng
 RT: 8.72 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BN010619.D
 Acq: 28 Apr 2020 10:06

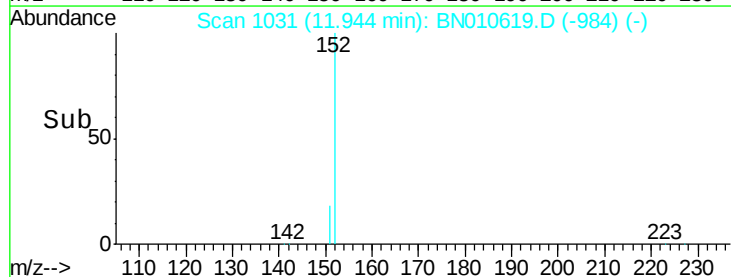
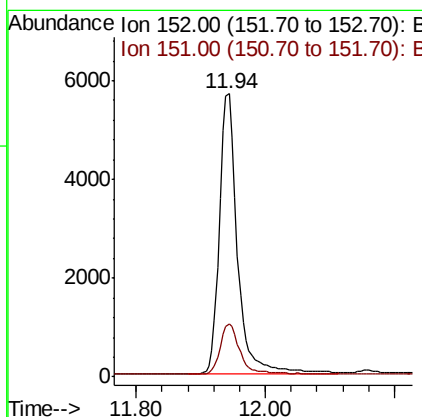
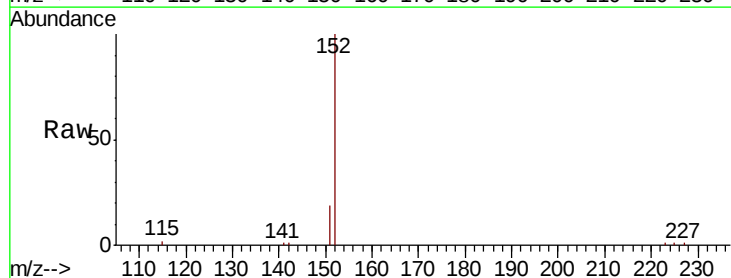
Instrument :
 BNA_N
 ClientSampleId :
 PB128436BL

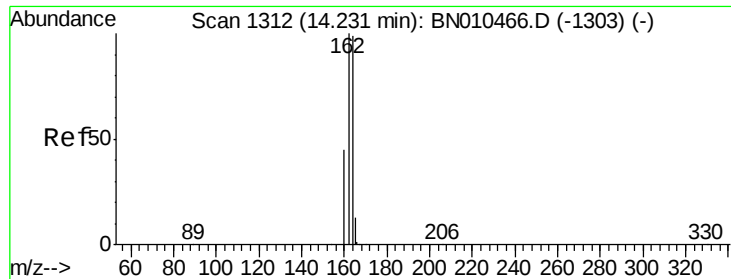
Tot Ion	82	Resp	4908
Ion Ratio	100	Lower	Upper
128	39.7	41.3	61.9#
54	34.9	23.4	35.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.341 ng
 RT: 11.94 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: BN010619.D
 Acq: 28 Apr 2020 10:06

Tgt Ion	152	Resp	11096
Ion Ratio	100	Lower	Upper
151	19.0	15.3	22.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BN010619.D

Acq: 28 Apr 2020 10:06

Instrument :

BNA_N

ClientSampleId :

PB128436BL

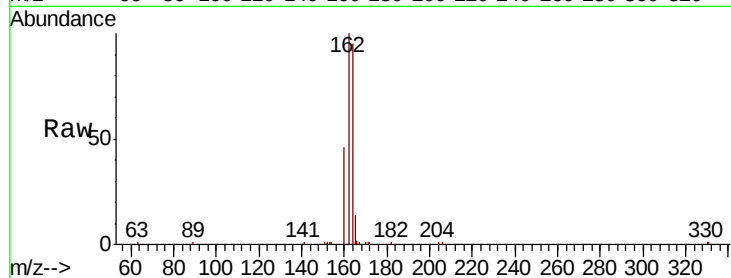
Tot Ion:164 Resp: 12428

Ion Ratio Lower Upper

164 100

162 104.8 80.6 121.0

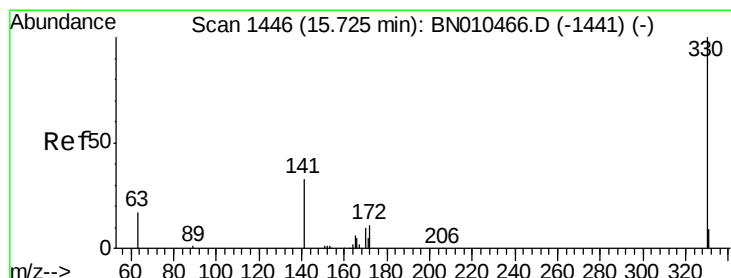
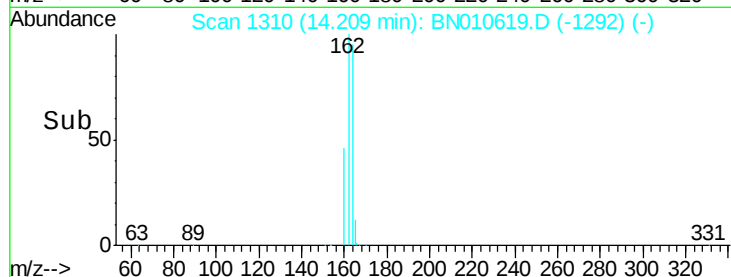
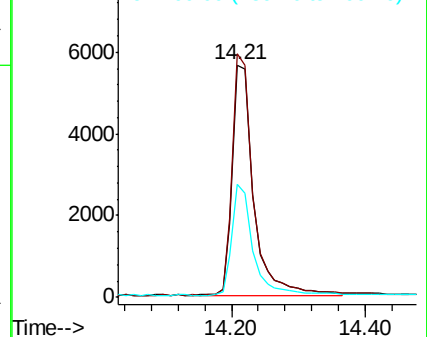
160 48.7 36.5 54.7



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: 0.308 ng

RT: 15.72 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BN010619.D

Acq: 28 Apr 2020 10:06

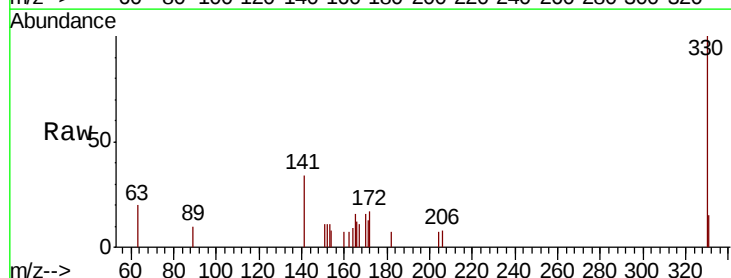
Tgt Ion:330 Resp: 1807

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

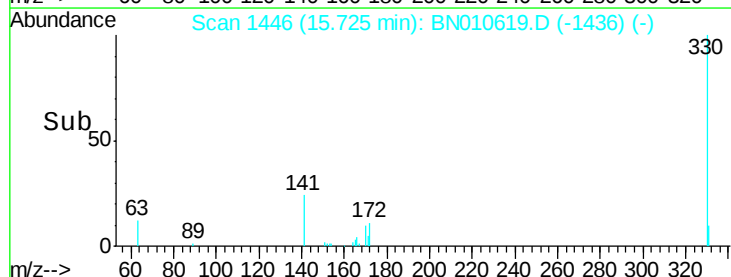
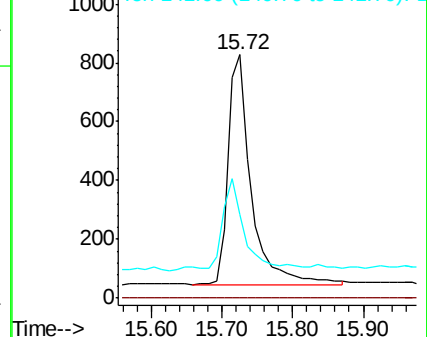
141 37.5 28.1 42.1

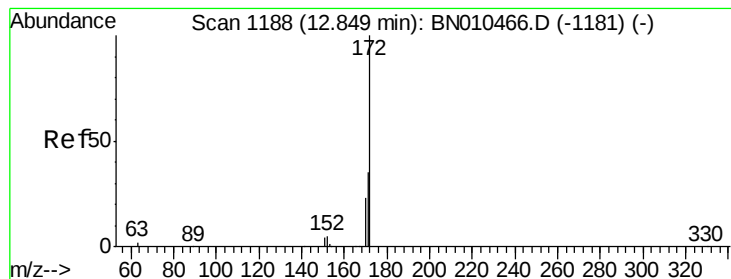


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.343 ng

RT: 12.84 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BN010619.D

Acq: 28 Apr 2020 10:06

Instrument :

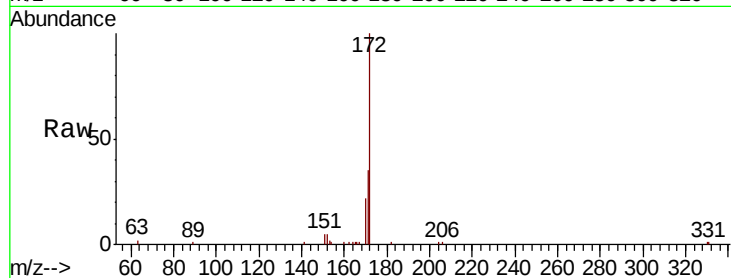
BNA_N

ClientSampleId :

PB128436BL

Tot Ion:172 Resp: 15500

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	22.3	18.4	27.6

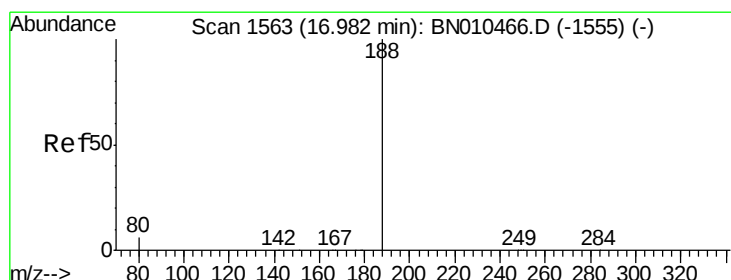
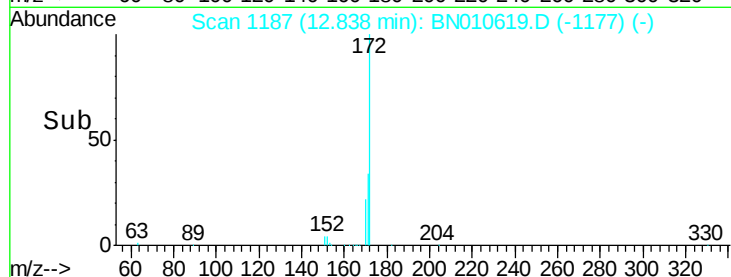
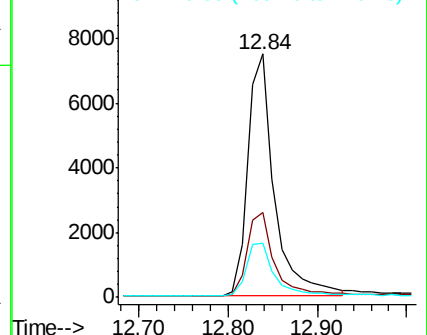


Abundance

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: 16.96 min Scan# 1561

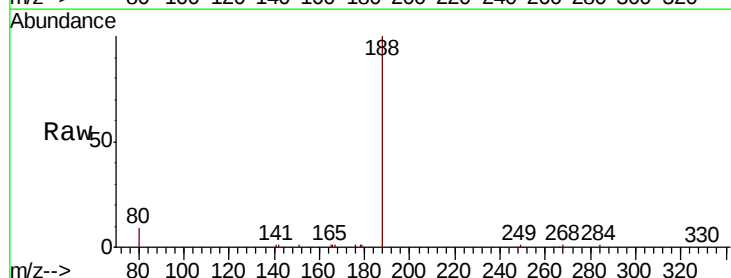
Delta R.T. 0.00 min

Lab File: BN010619.D

Acq: 28 Apr 2020 10:06

Tgt Ion:188 Resp: 28442

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	5.0	7.6

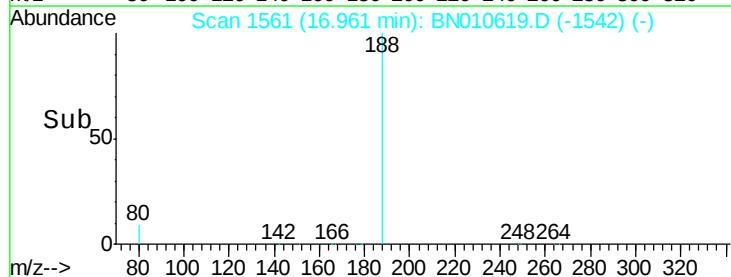
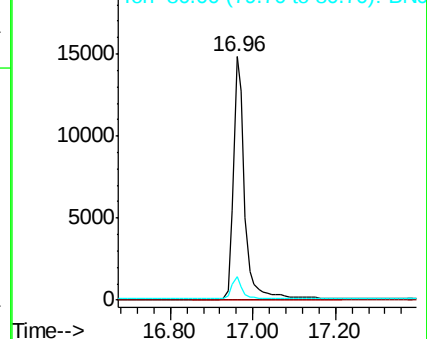


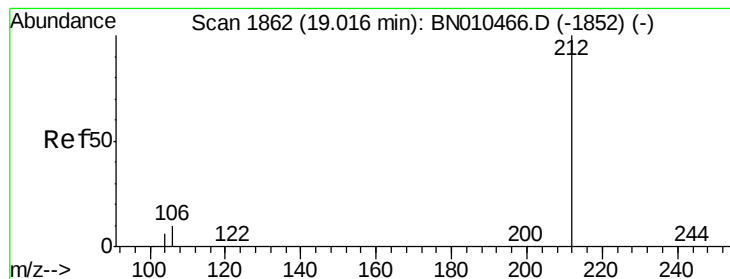
Abundance

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





#25

Fluoranthene-d10

Concen: 0.316 ng

RT: 19.00 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BN010619.D

Acq: 28 Apr 2020 10:06

Instrument :

BNA_N

ClientSampleId :

PB128436BL

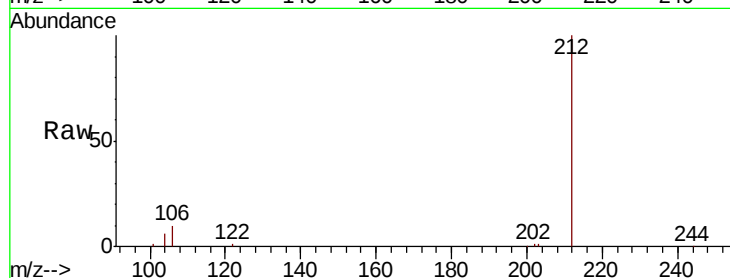
Tot Ion:212 Resp: 27221

Ion Ratio Lower Upper

212 100

106 10.5 7.8 11.6

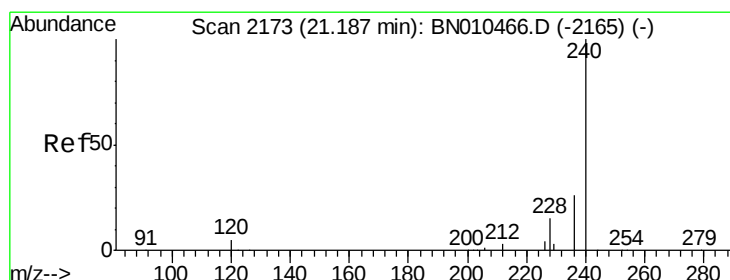
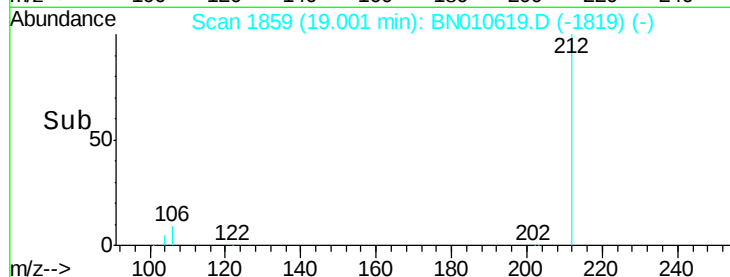
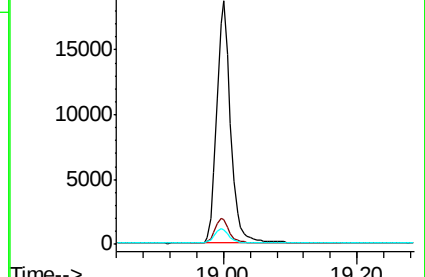
104 5.8 4.5 6.7



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# 2171

Delta R.T. 0.00 min

Lab File: BN010619.D

Acq: 28 Apr 2020 10:06

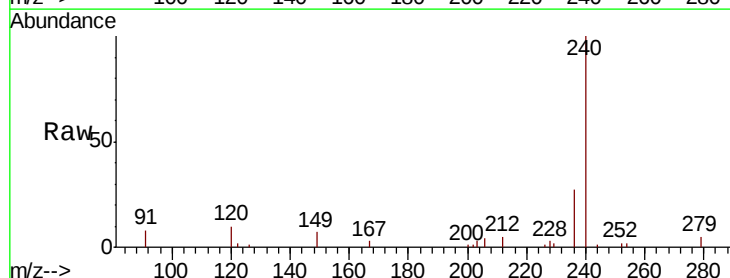
Tgt Ion:240 Resp: 23050

Ion Ratio Lower Upper

240 100

120 9.9 4.8 7.2#

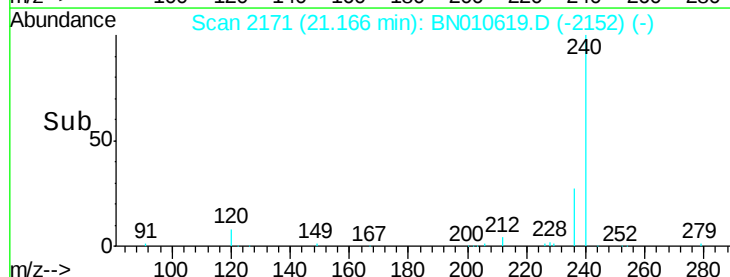
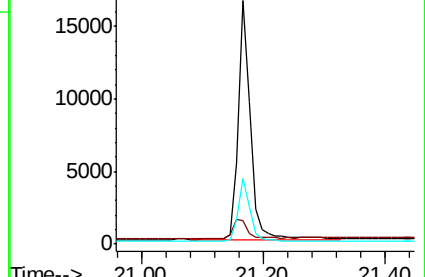
236 27.2 21.4 32.0

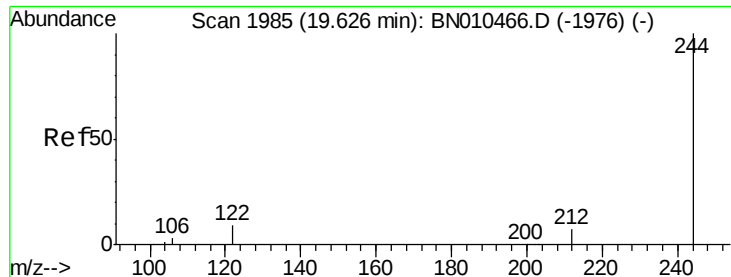


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.409 ng

RT: 19.61 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BN010619.D

Acq: 28 Apr 2020 10:06

Instrument :

BNA_N

ClientSampleId :

PB128436BL

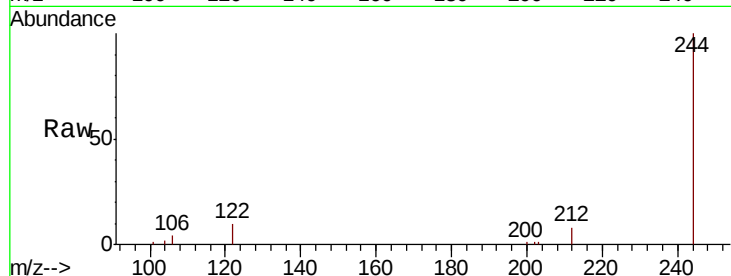
Tot Ion:244 Resp: 21583

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.4

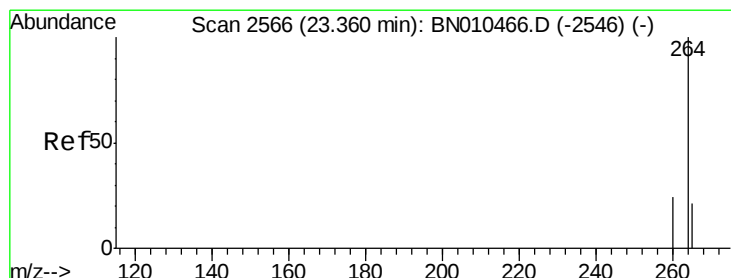
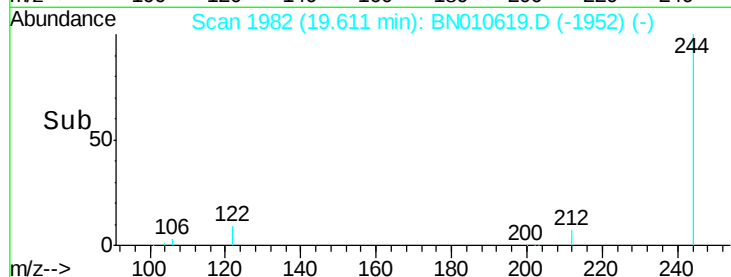
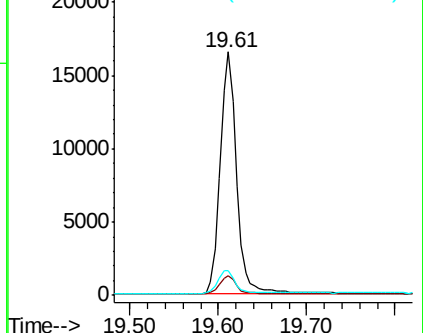
122 10.0 7.8 11.8



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: 23.34 min Scan# 2559

Delta R.T. 0.00 min

Lab File: BN010619.D

Acq: 28 Apr 2020 10:06

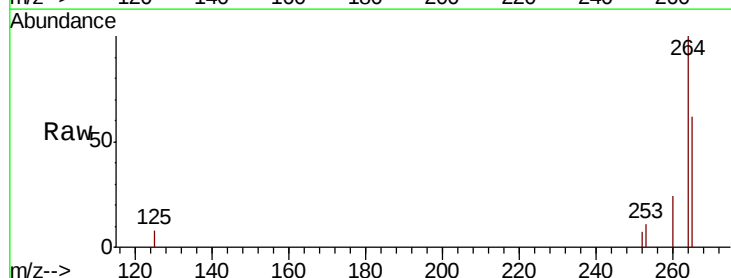
Tgt Ion:264 Resp: 21934

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.8

265 62.4 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

