

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
 Data File : BN007292.D
 Acq On : 21 Aug 2019 13:51
 Operator : HP/JU
 Sample : PB122391BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122391BL

Quant Time: Aug 21 15:39:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 20 18:52:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	5441	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	20102	0.40	ng	0.00
13) Acenaphthene-d10	14.06	164	11238	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	26983	0.40	ng	0.00
27) Chrysene-d12	21.03	240	30142	0.40	ng	0.00
34) Perylene-d12	23.14	264	31233	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	5333	0.32	ng	0.00
5) Phenol-d6	6.60	99	6839	0.36	ng	0.00
8) Nitrobenzene-d5	8.54	82	5073	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	11.77	152	11710	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.56	330	1426	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.68	172	15174	0.31	ng	0.00
25) Fluoranthene-d10	18.85	212	29885	0.35	ng	0.00
29) Terphenyl-d14	19.48	244	22816	0.30	ng	0.00

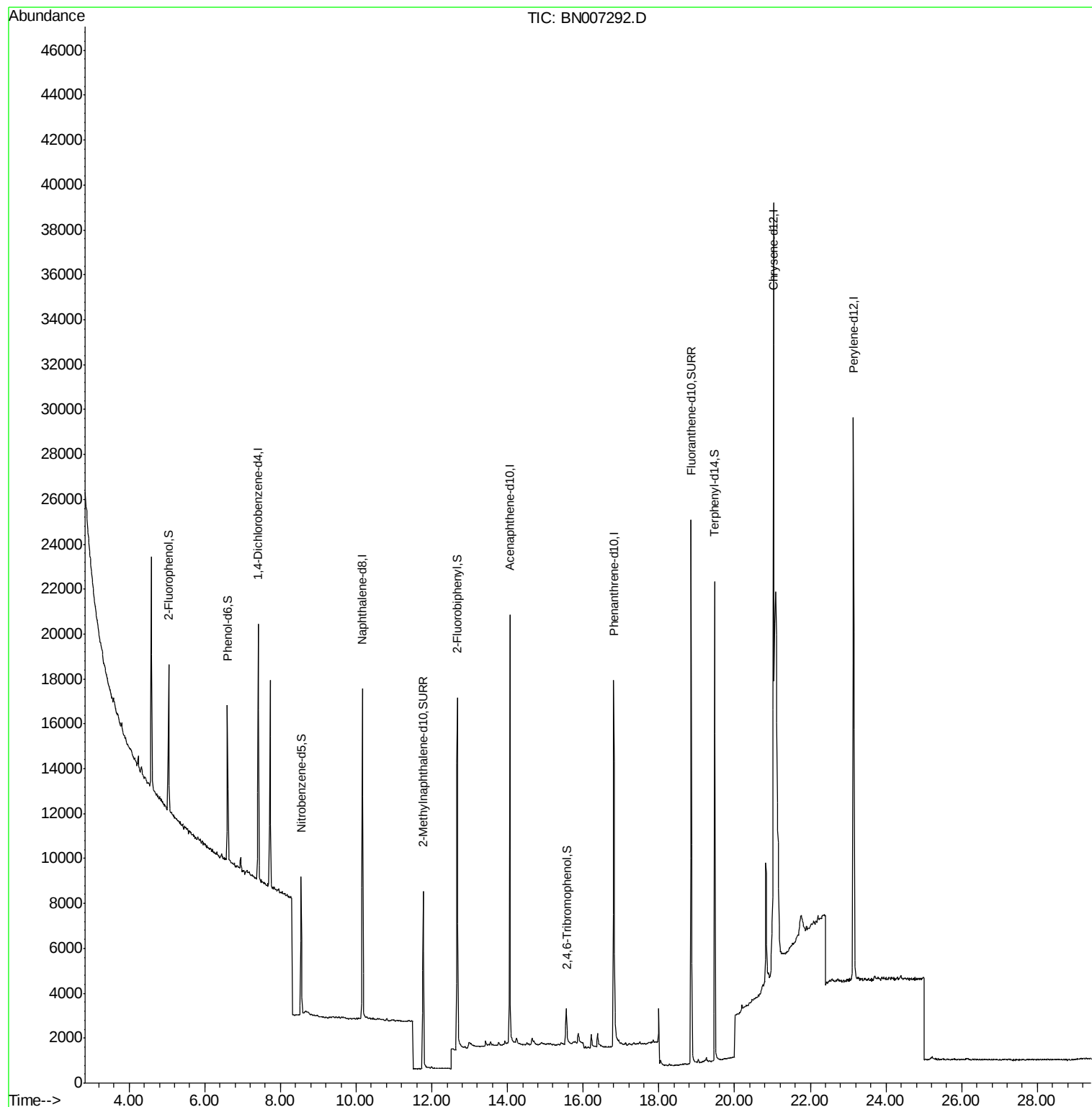
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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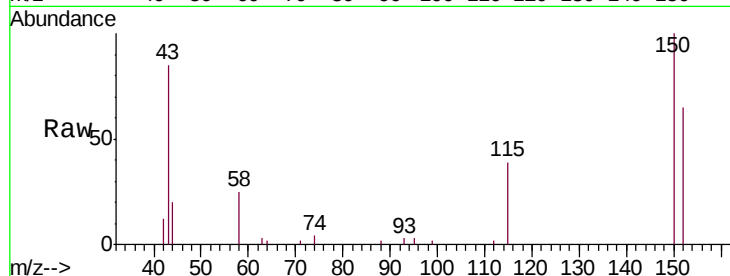


#1

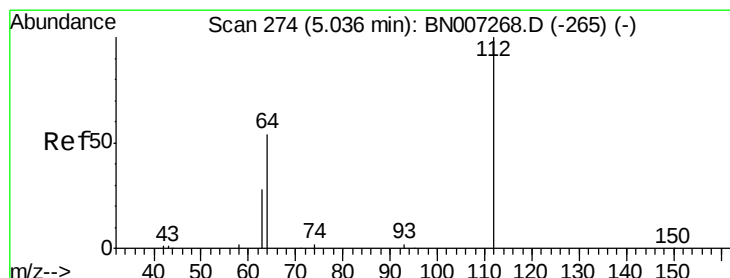
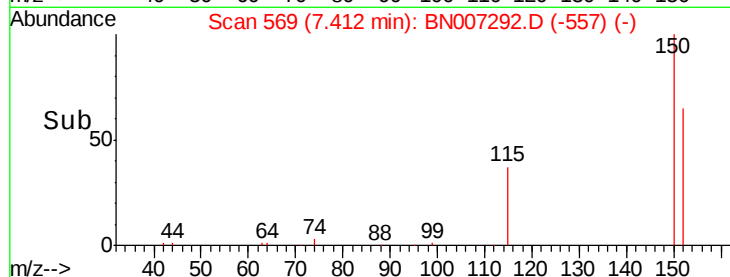
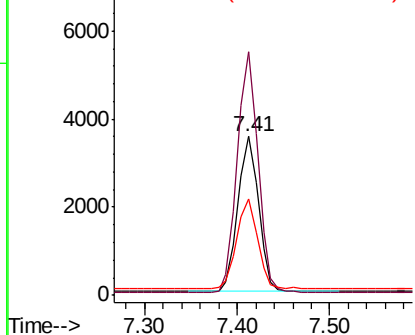
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.41 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BN007292.D
 Acq: 21 Aug 2019 13:51

Instrument :
 BNA_N
 ClientSampleId :
 PB122391BL

Tot Ion:152 Resp: 5441
 Ion Ratio Lower Upper
 152 100
 150 153.2 123.8 185.8
 115 60.3 47.3 70.9



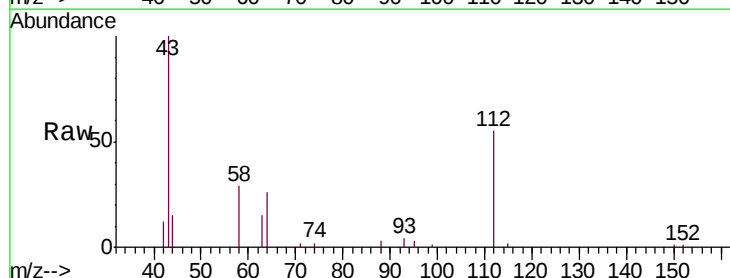
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



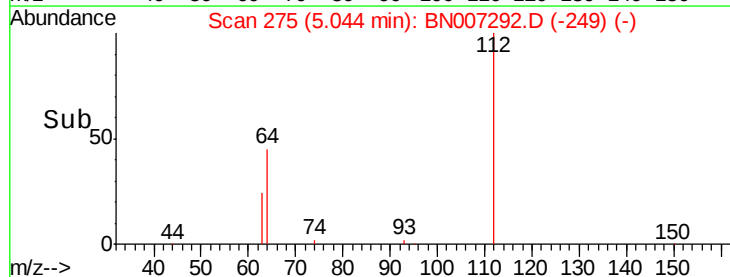
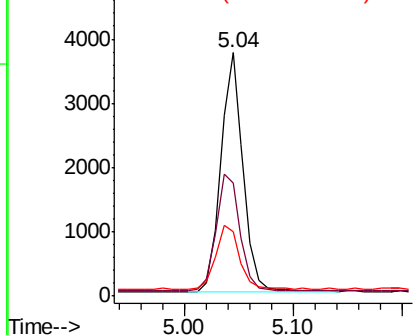
#4

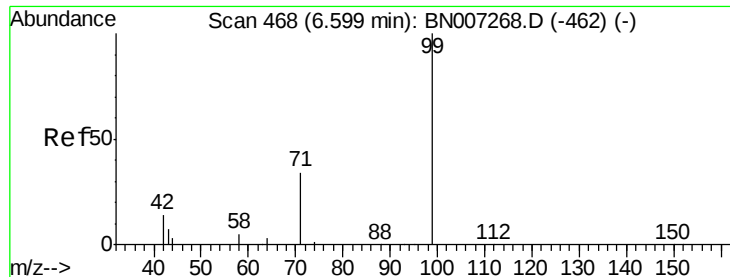
2-Fluorophenol
 Concen: 0.322 ng
 RT: 5.04 min Scan# 275
 Delta R.T. 0.01 min
 Lab File: BN007292.D
 Acq: 21 Aug 2019 13:51

Tgt Ion:112 Resp: 5333
 Ion Ratio Lower Upper
 112 100
 64 52.6 41.8 62.8
 63 27.7 22.6 34.0



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: 0.357 ng

RT: 6.60 min Scan# 468

Delta R.T. 0.00 min

Lab File: BN007292.D

Acq: 21 Aug 2019 13:51

Instrument :

BNA_N

ClientSampleId :

PB122391BL

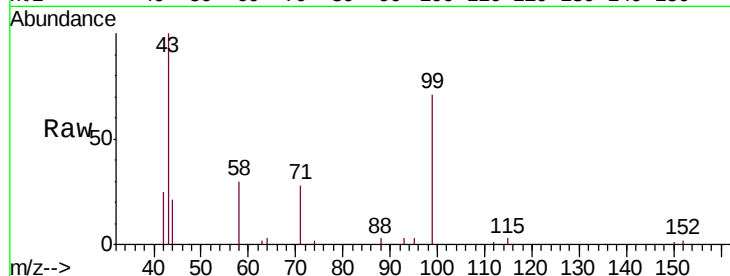
Tot Ion: 99 Resp: 6839

Ion Ratio Lower Upper

99 100

42 17.0 14.3 21.5

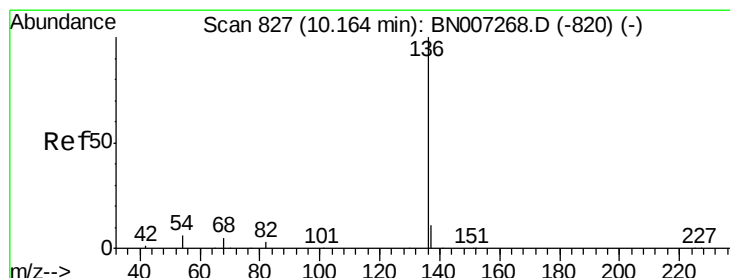
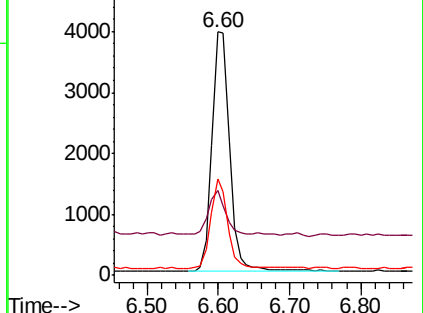
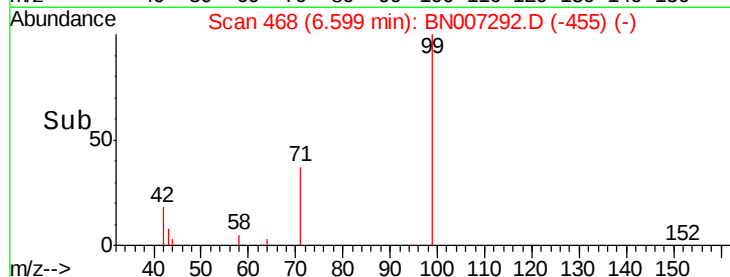
71 34.7 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN007268.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007268.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007268.D (-462) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. 0.00 min

Lab File: BN007292.D

Acq: 21 Aug 2019 13:51

Tgt Ion: 136 Resp: 20102

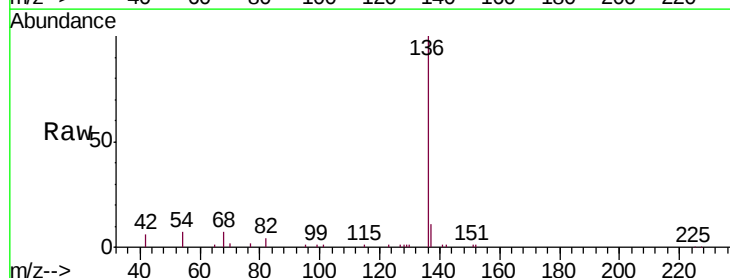
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 7.2 5.9 8.9

68 6.5 5.6 8.4

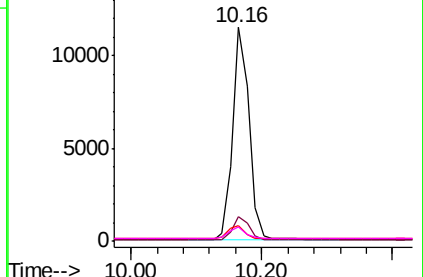
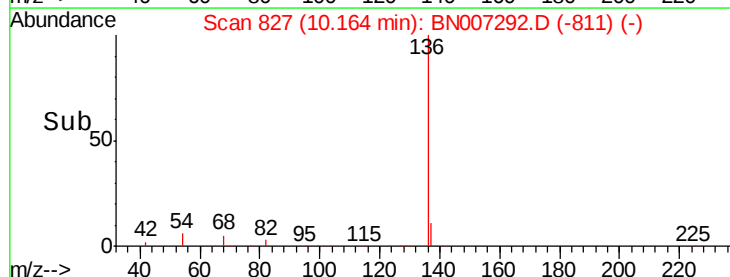


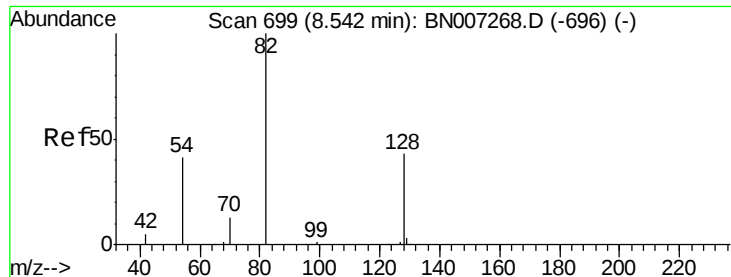
Abundance Ion 136.00 (135.70 to 136.70): BN007268.D (-820) (-)

Ion 137.00 (136.70 to 137.70): BN007268.D (-820) (-)

Ion 54.00 (53.70 to 54.70): BN007268.D (-820) (-)

Ion 68.00 (67.70 to 68.70): BN007268.D (-820) (-)

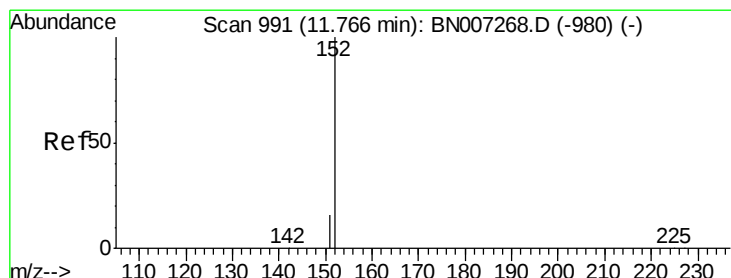
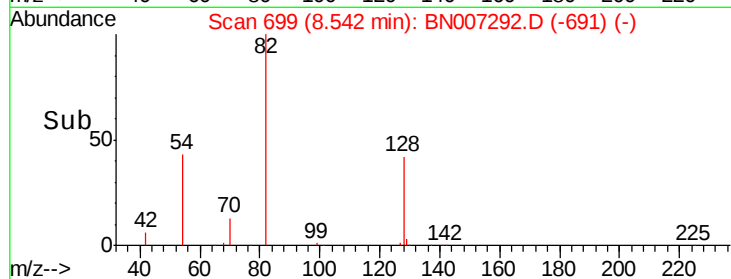
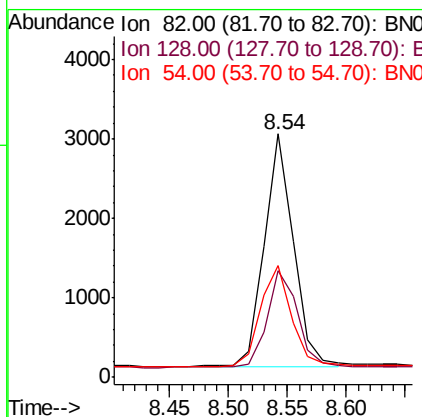
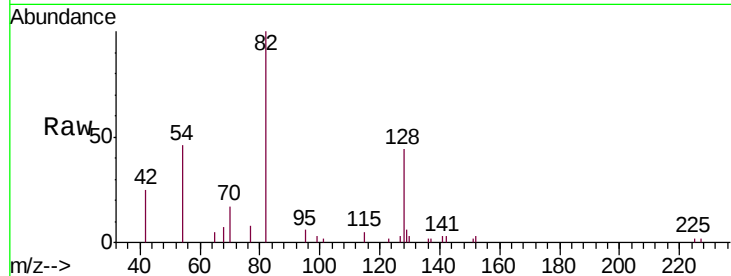




#8
 Nitrobenzene-d5
 Concen: 0.329 ng
 RT: 8.54 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BN007292.D
 Acq: 21 Aug 2019 13:51

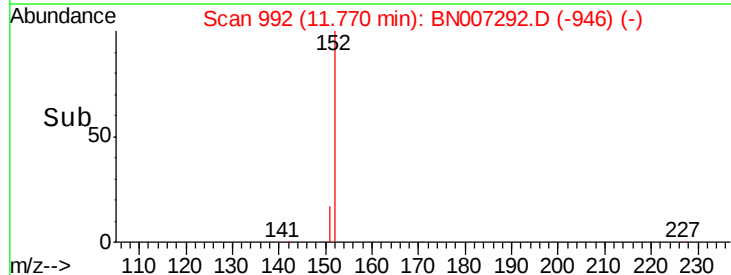
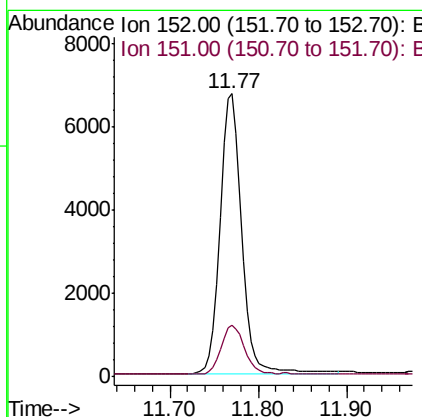
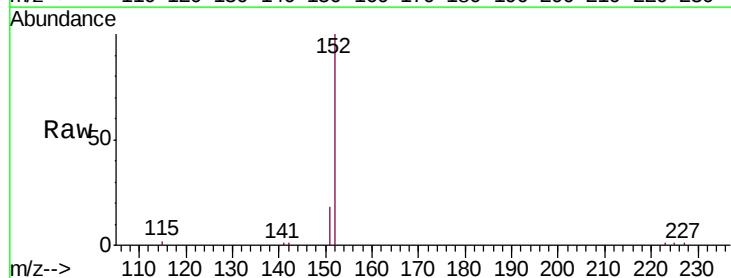
Instrument :
 BNA_N
 ClientSampleId :
 PB122391BL

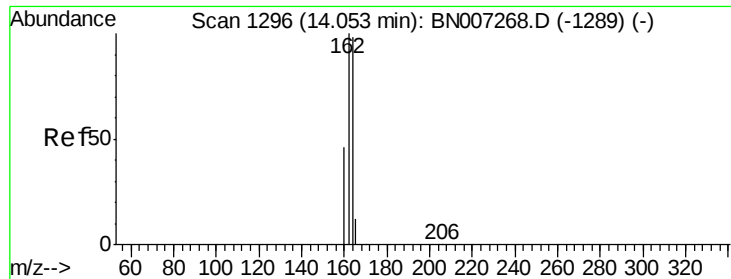
Tot Ion	82	Resp	5073
Ion Ratio	Lower	Upper	
82	100		
128	43.9	35.8	53.6
54	45.8	34.7	52.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.337 ng
 RT: 11.77 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BN007292.D
 Acq: 21 Aug 2019 13:51

Tgt Ion	152	Resp	11710
Ion Ratio	Lower	Upper	
152	100		
151	18.7	15.2	22.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.06 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BN007292.D

Acq: 21 Aug 2019 13:51

Instrument :

BNA_N

ClientSampleId :

PB122391BL

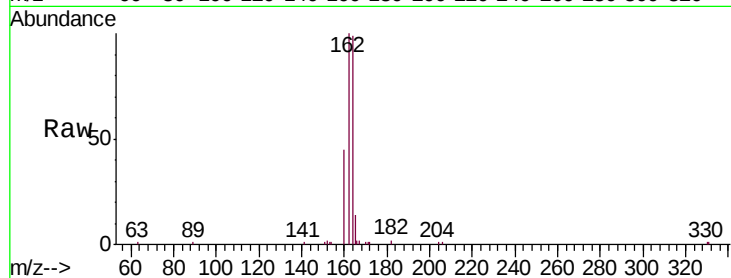
Tot Ion:164 Resp: 11238

Ion Ratio Lower Upper

164 100

162 101.1 82.0 123.0

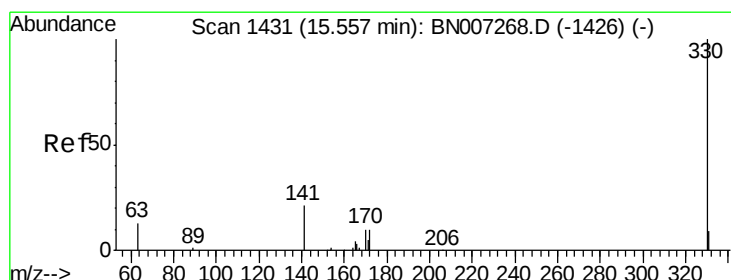
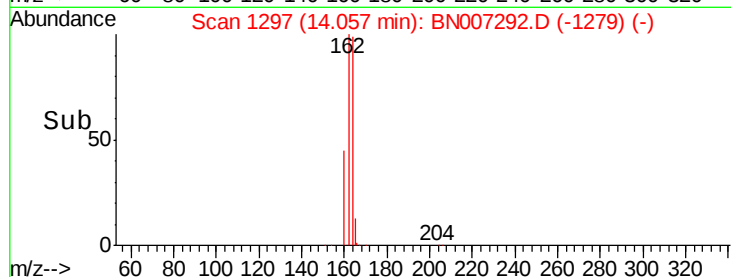
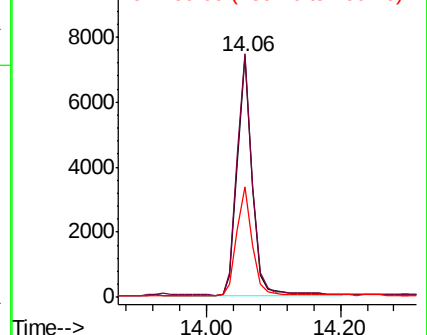
160 45.9 38.2 57.4



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: 0.226 ng

RT: 15.56 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BN007292.D

Acq: 21 Aug 2019 13:51

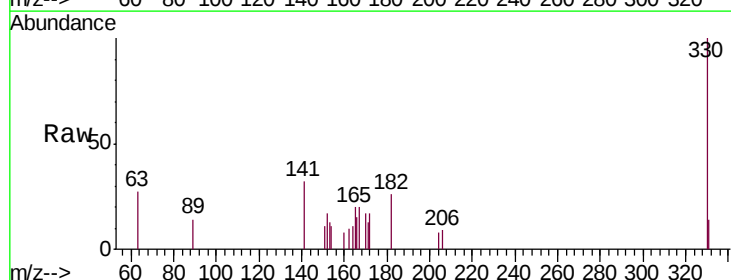
Tgt Ion:330 Resp: 1426

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

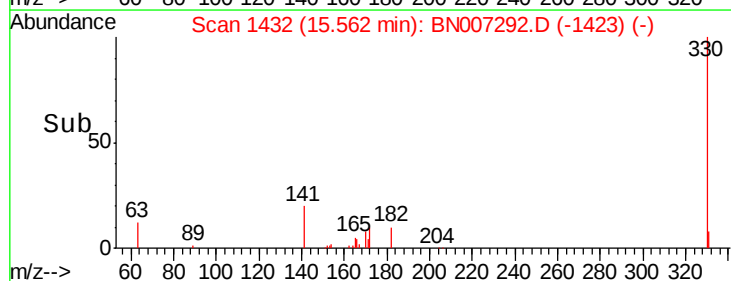
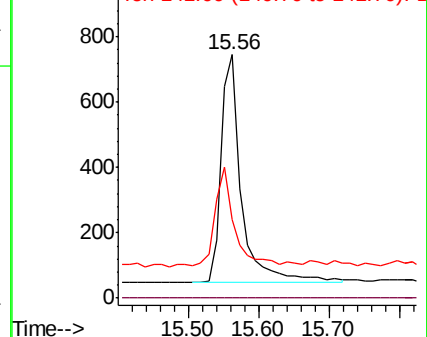
141 39.1 30.3 45.5

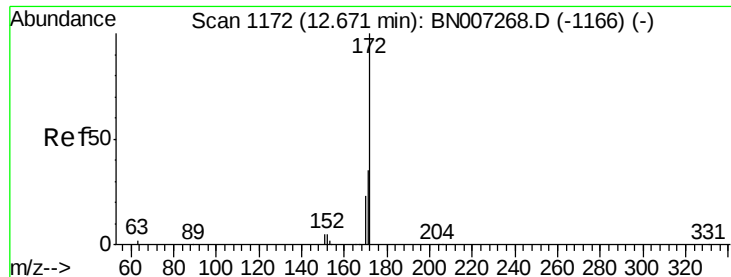


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

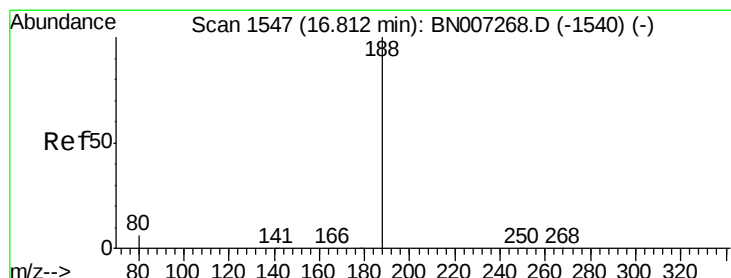
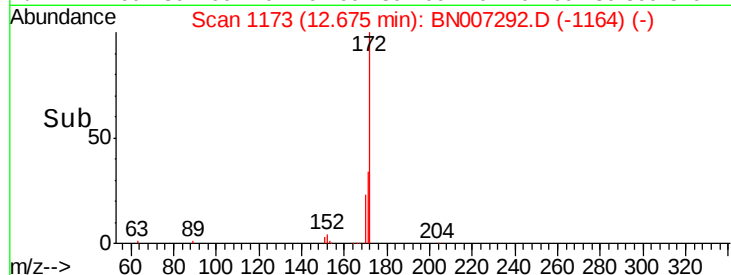
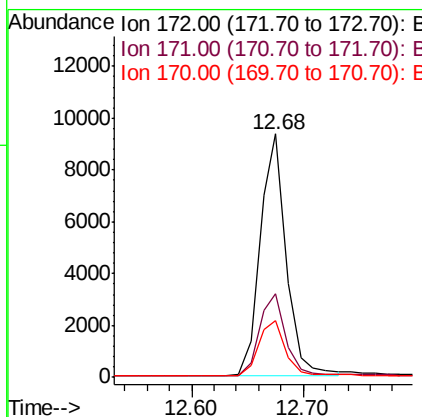
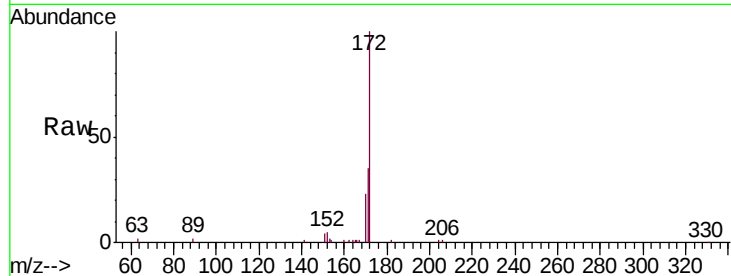




#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

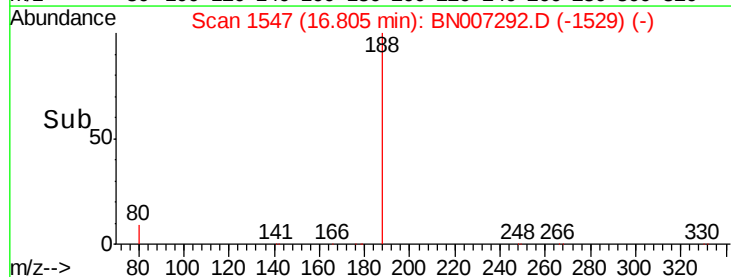
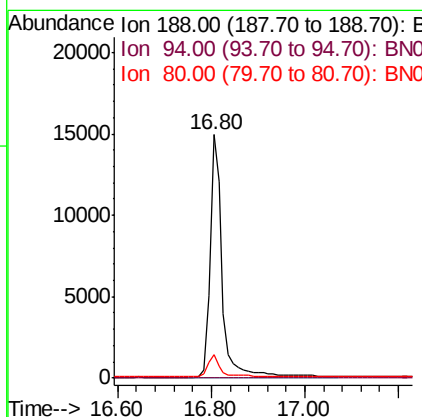
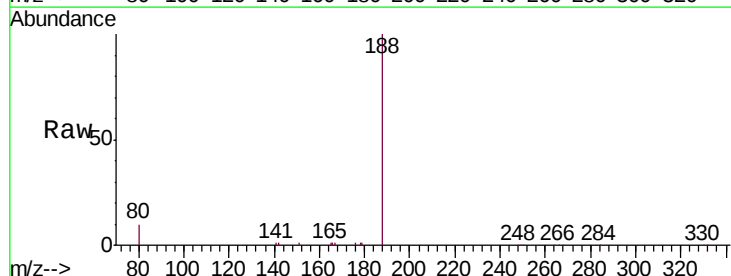
Instrument :
BNA_N
ClientSampleId :
PB122391BL

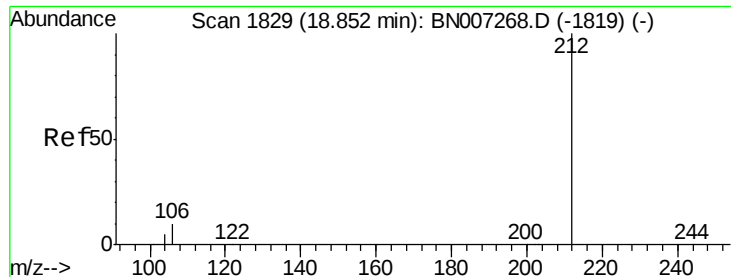
Tot Ion:172 Resp: 15174
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 23.3 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN007292.D
Acq: 21 Aug 2019 13:51

Tgt Ion:188 Resp: 26983
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 5.2 7.8#





#25

Fluoranthene-d10

Concen: 0.349 ng

RT: 18.85 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BN007292.D

Acq: 21 Aug 2019 13:51

Instrument :

BNA_N

ClientSampleId :

PB122391BL

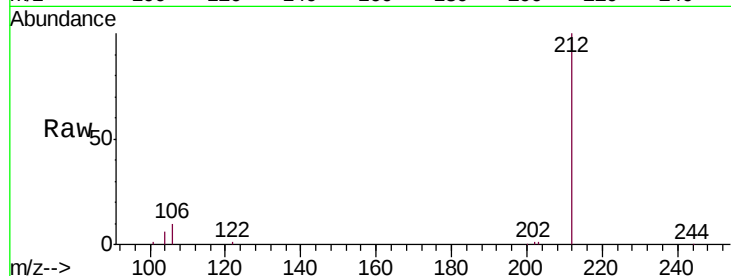
Tot Ion:212 Resp: 29885

Ion Ratio Lower Upper

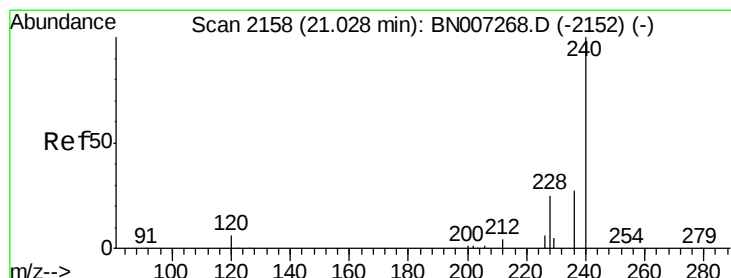
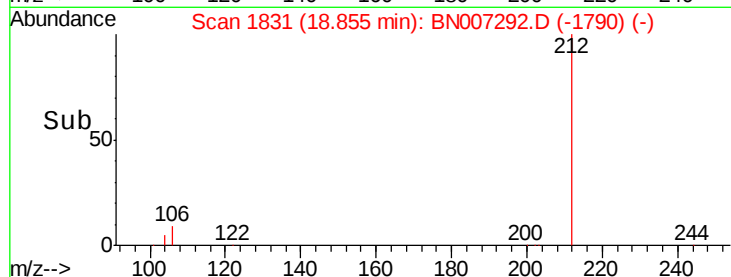
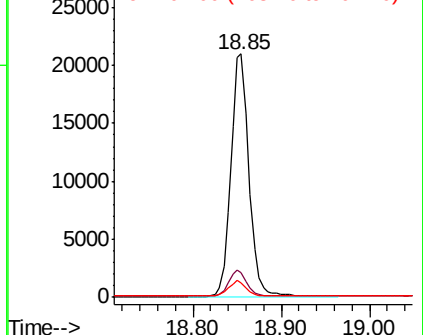
212 100

106 10.6 8.2 12.4

104 6.0 4.7 7.1



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: 21.03 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BN007292.D

Acq: 21 Aug 2019 13:51

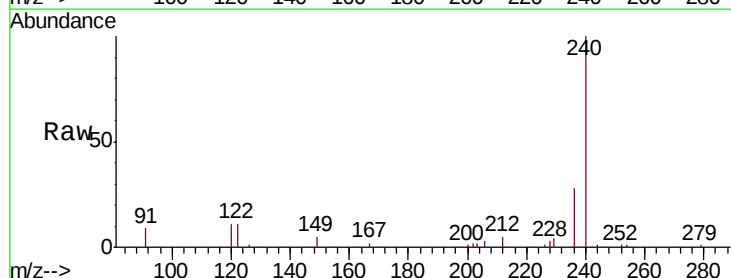
Tgt Ion:240 Resp: 30142

Ion Ratio Lower Upper

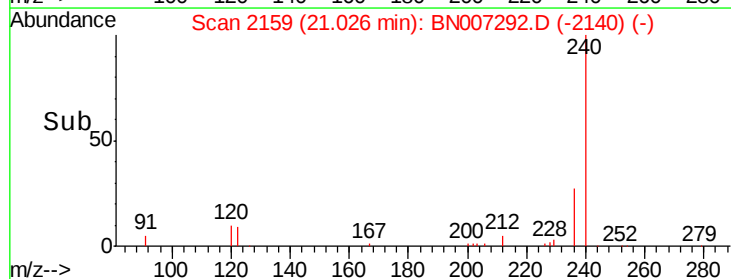
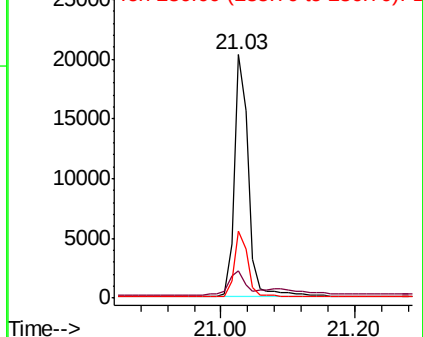
240 100

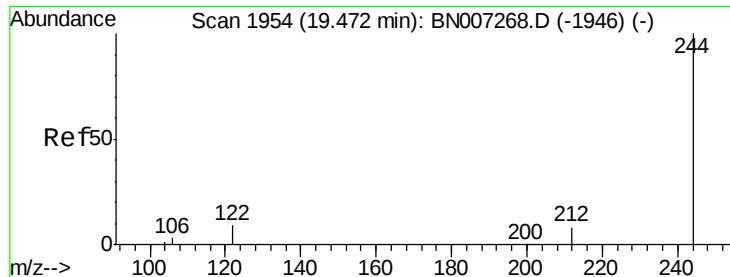
120 11.5 5.6 8.4#

236 27.6 21.6 32.4



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: 0.303 ng

RT: 19.48 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BN007292.D

Acq: 21 Aug 2019 13:51

Instrument :

BNA_N

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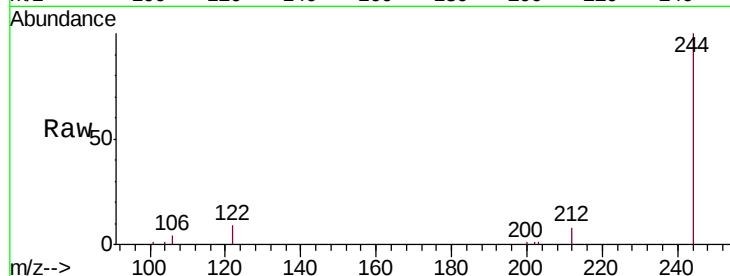
Tot Ion:244 Resp: 22816

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

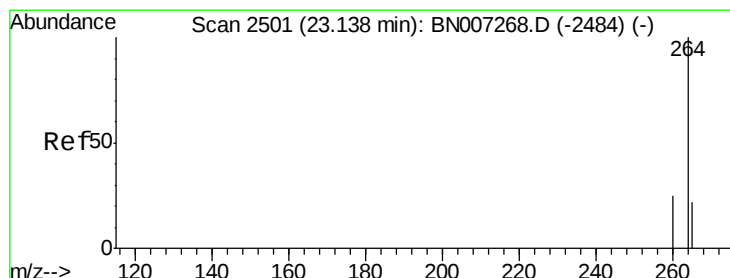
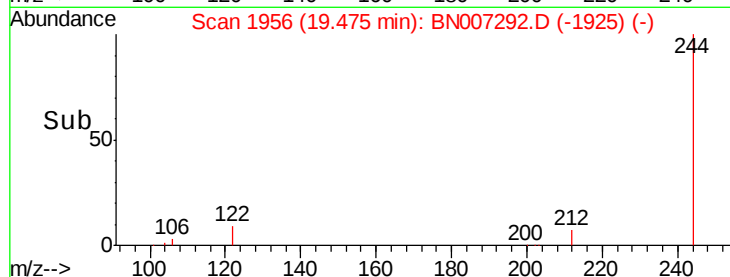
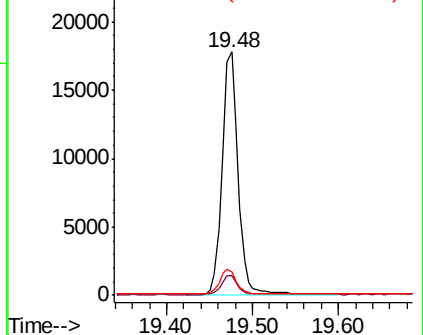
122 9.4 7.9 11.9



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: 23.14 min Scan# 2504

Delta R.T. 0.01 min

Lab File: BN007292.D

Acq: 21 Aug 2019 13:51

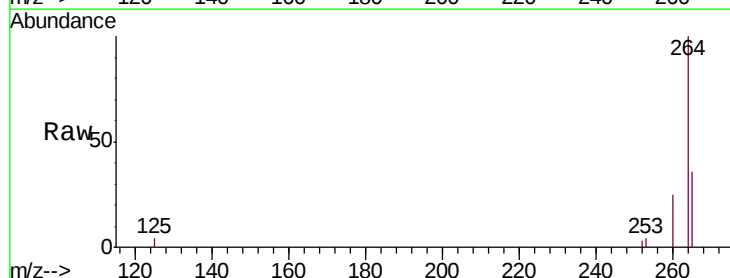
Tgt Ion:264 Resp: 31233

Ion Ratio Lower Upper

264 100

260 24.7 20.1 30.1

265 36.0 29.0 43.6



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

