

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
 Data File : BN002206.D
 Acq On : 31 Jul 2018 12:09
 Operator : JU/SJ
 Sample : PB111543BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 31 16:02:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 16:17:29 2018
 Response via : Initial Calibration

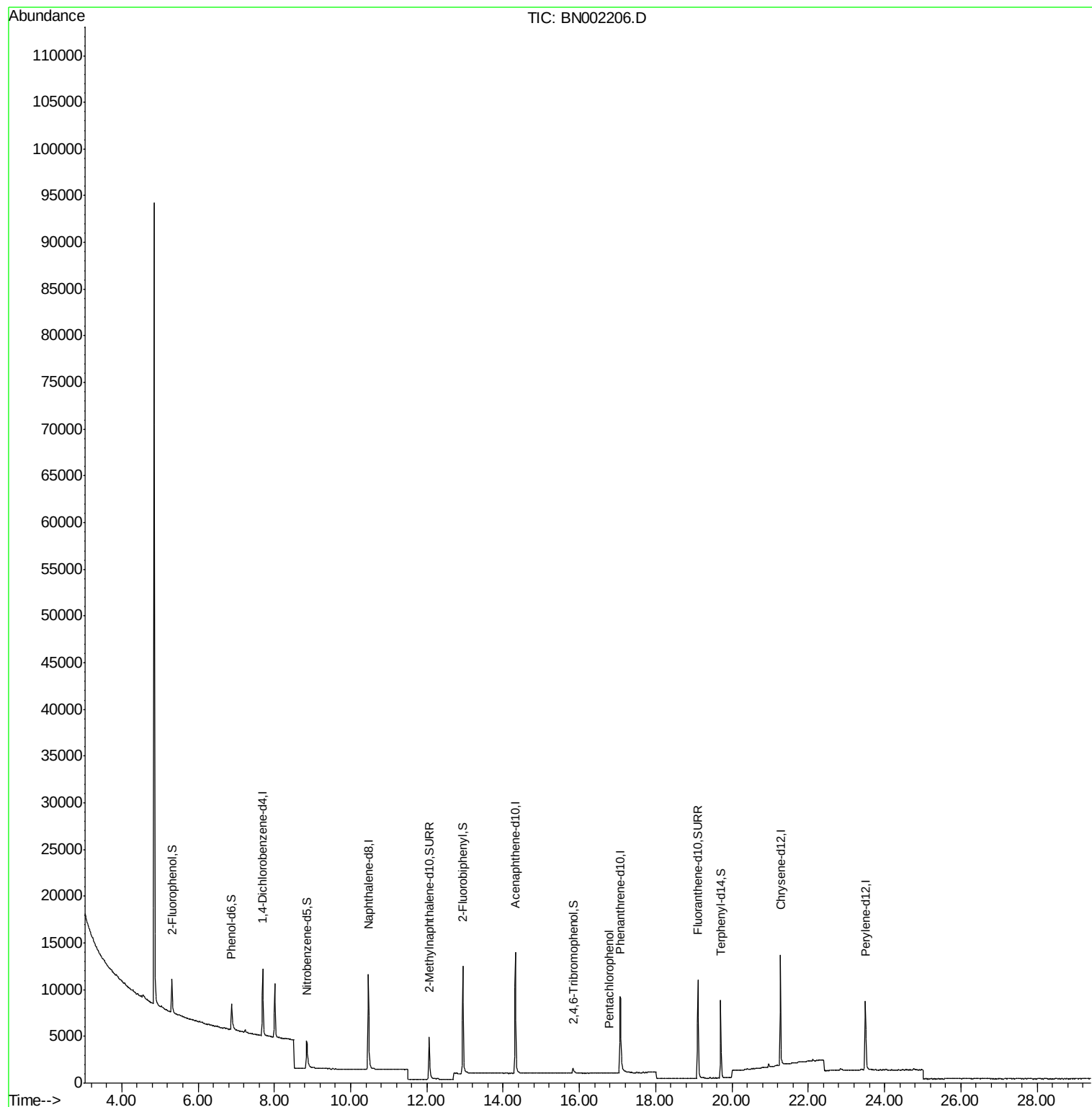
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	4027	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	15935	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	8288	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	17380	0.40	ng	0.01
27) Chrysene-d12	21.27	240	12226	0.40	ng	0.00
34) Perylene-d12	23.50	264	10775	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	3261	0.35	ng	0.00
5) Phenol-d6	6.88	99	3426	0.30	ng	0.00
8) Nitrobenzene-d5	8.84	82	4040	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	7960	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	800	0.23	ng	0.01
15) 2-Fluorobiphenyl	12.94	172	12355	0.39	ng	0.00
25) Fluoranthene-d10	19.11	212	14254	0.33	ng	0.00
29) Terphenyl-d14	19.71	244	9472	0.36	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.78	266	10	0.097	ng	Qvalue # 54

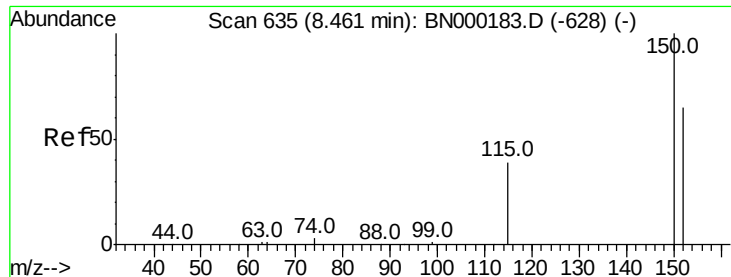
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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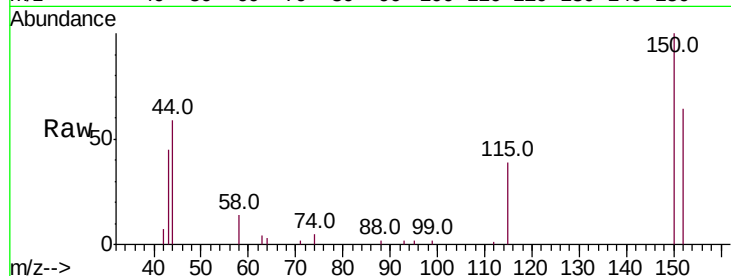


#1

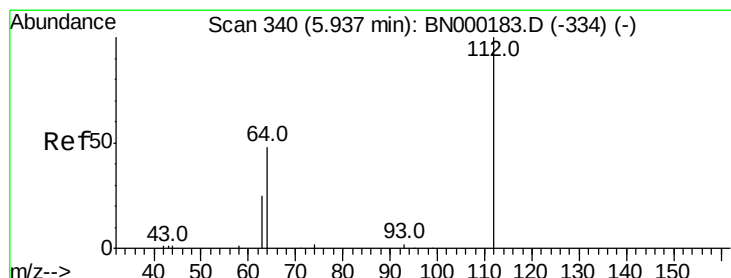
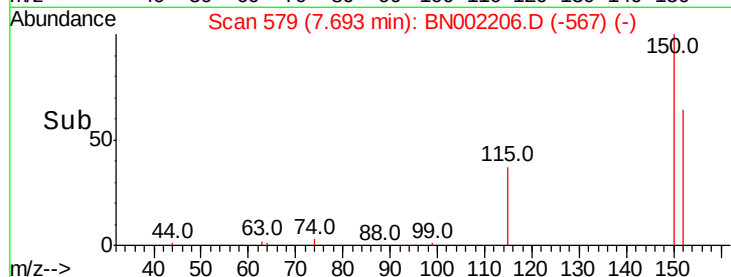
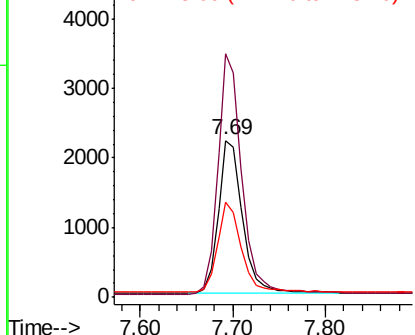
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. 0.00 min
Lab File: BN002206.D
Acq: 31 Jul 2018 12:09

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4027
Ion Ratio Lower Upper
152 100
150 155.5 117.2 175.8
115 60.4 57.0 85.6



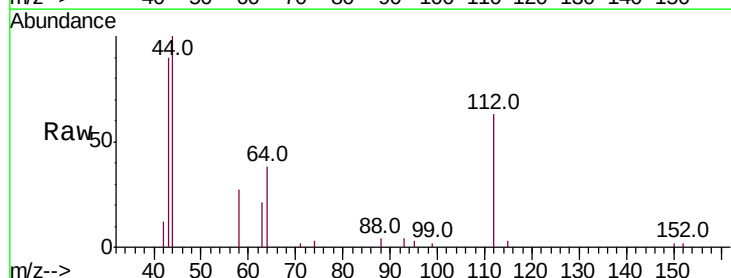
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



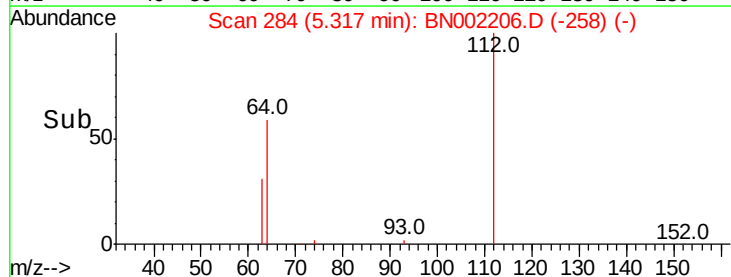
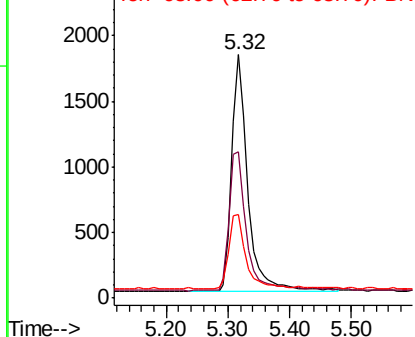
#4

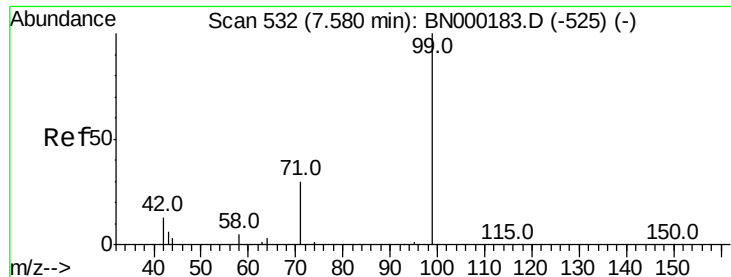
2-Fluorophenol
Concen: 0.347 ng
RT: 5.32 min Scan# 284
Delta R.T. 0.01 min
Lab File: BN002206.D
Acq: 31 Jul 2018 12:09

Tgt Ion:112 Resp: 3261
Ion Ratio Lower Upper
112 100
64 62.6 60.1 90.1
63 34.0 116.8 175.2#



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: 0.300 ng

RT: 6.88 min Scan# 478

Delta R.T. 0.00 min

Lab File: BN002206.D

Acq: 31 Jul 2018 12:09

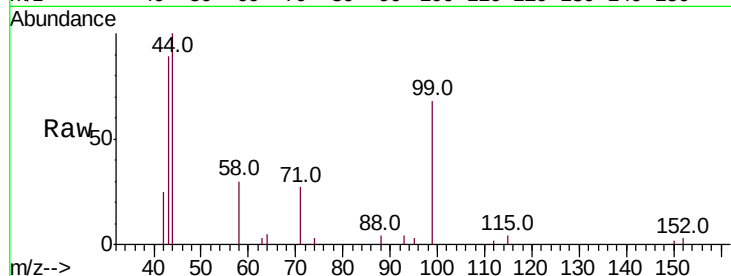
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 99 Resp: 3426

Ion	Ratio	Lower	Upper
99	100		
42	20.2	20.2	30.2
71	35.9	28.4	42.6

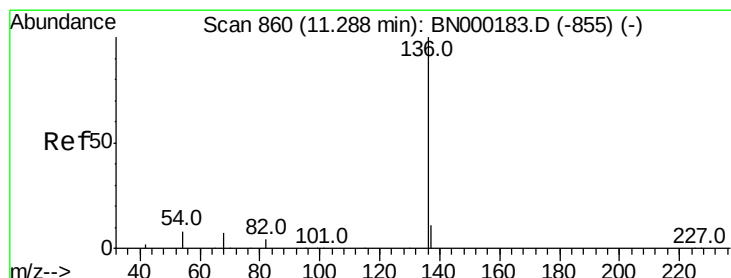
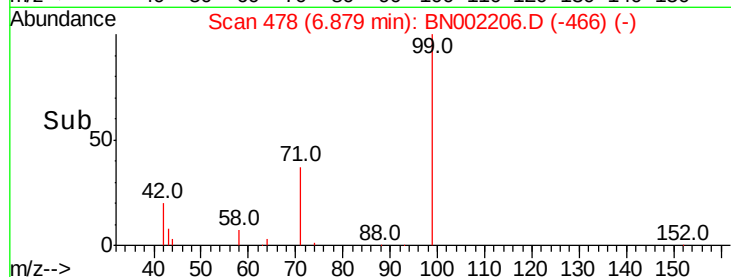
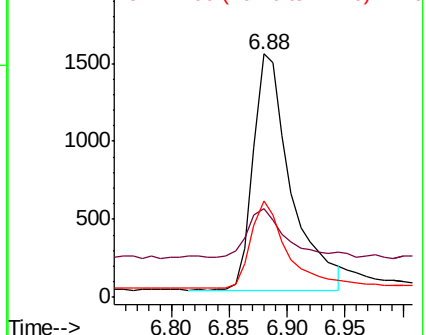


Abundance

Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

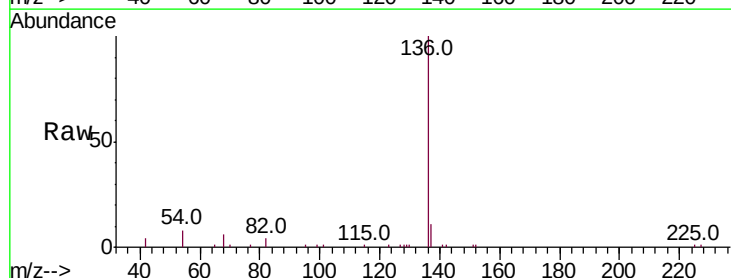
Delta R.T. 0.00 min

Lab File: BN002206.D

Acq: 31 Jul 2018 12:09

Tgt Ion: 136 Resp: 15935

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	8.4	29.1	43.7#
68	6.0	6.2	9.2#



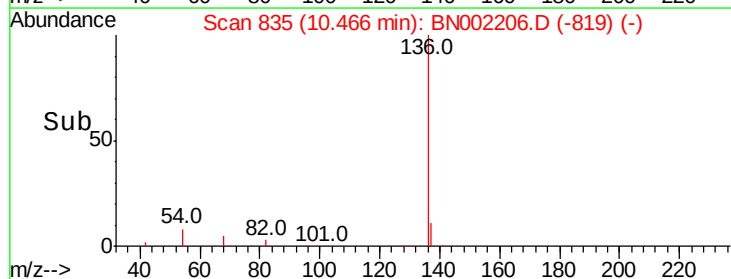
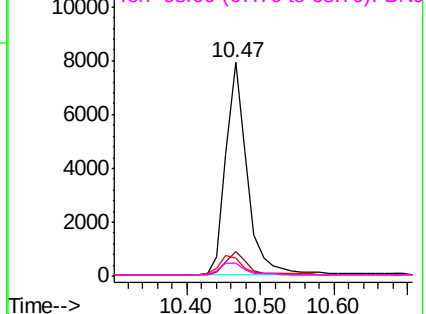
Abundance

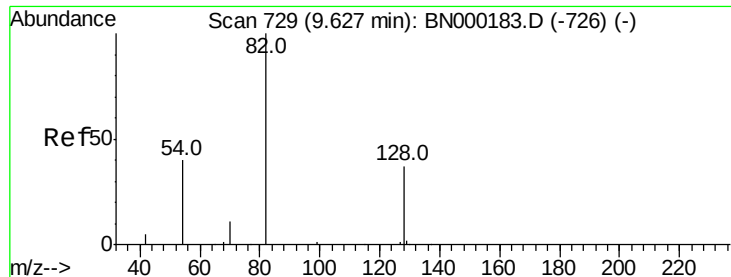
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0





#8

Nitrobenzene-d5

Concen: 0.337 ng

RT: 8.84 min Scan# 707

Delta R.T. 0.00 min

Lab File: BN002206.D

Acq: 31 Jul 2018 12:09

Instrument :

BNA_N

ClientSampleId :

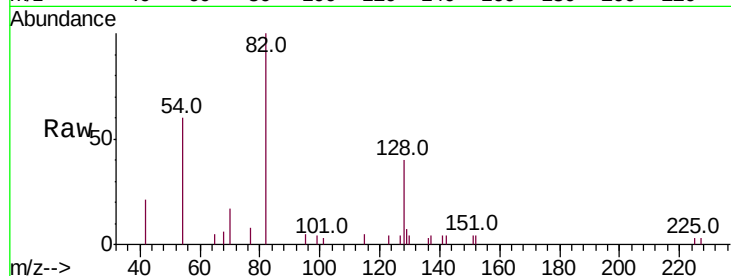
Tot Ion: 82 Resp: 4040

Ion Ratio Lower Upper

82 100

128 40.1 150.0 225.0#

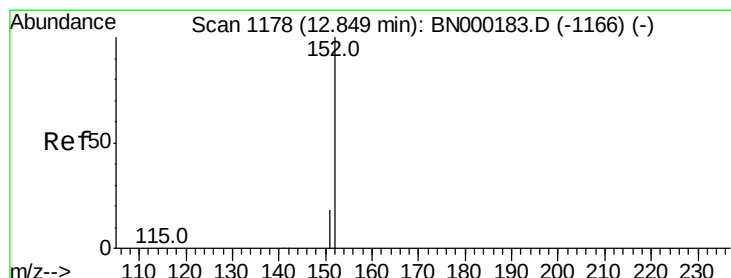
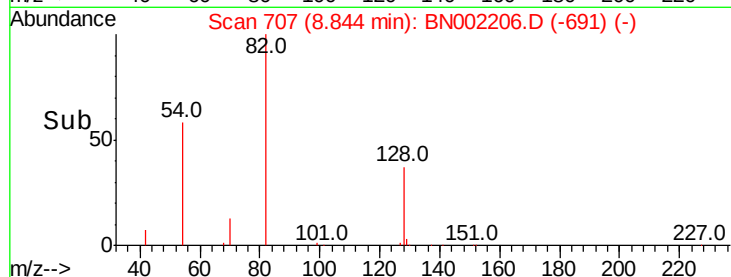
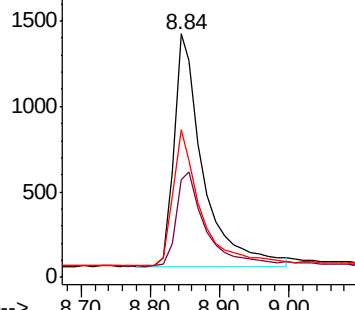
54 60.5 154.2 231.4#



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: 0.339 ng

RT: 12.06 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BN002206.D

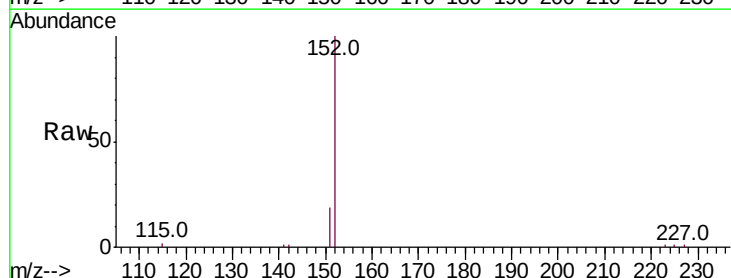
Acq: 31 Jul 2018 12:09

Tgt Ion: 152 Resp: 7960

Ion Ratio Lower Upper

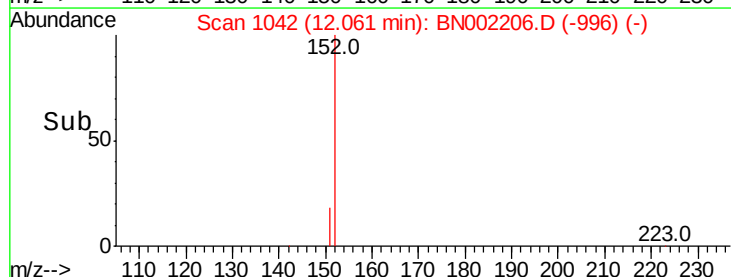
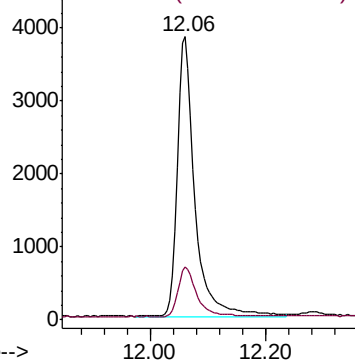
152 100

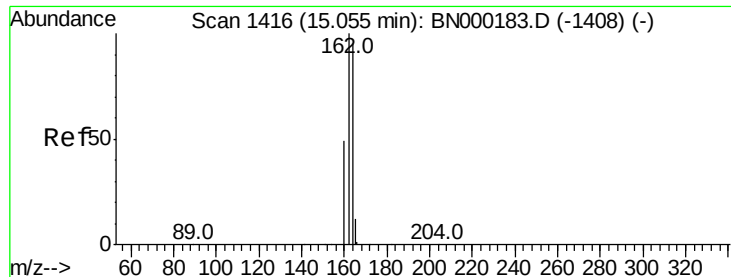
151 18.6 15.4 23.0



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: 14.32 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BN002206.D

Acq: 31 Jul 2018 12:09

Instrument :

BNA_N

ClientSampleId :

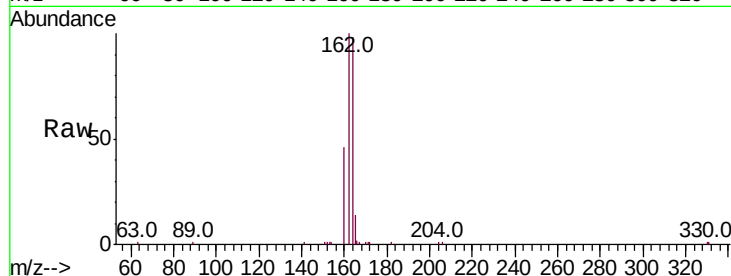
Tot Ion:164 Resp: 8288

Ion Ratio Lower Upper

164 100

162 101.6 83.1 124.7

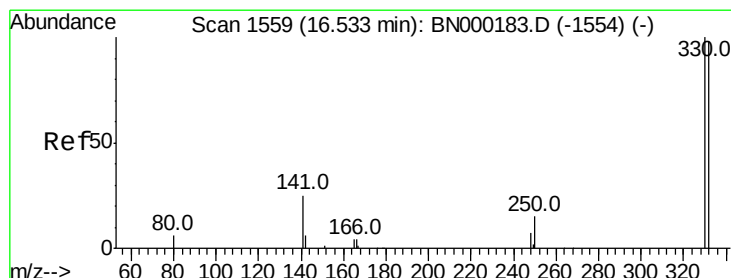
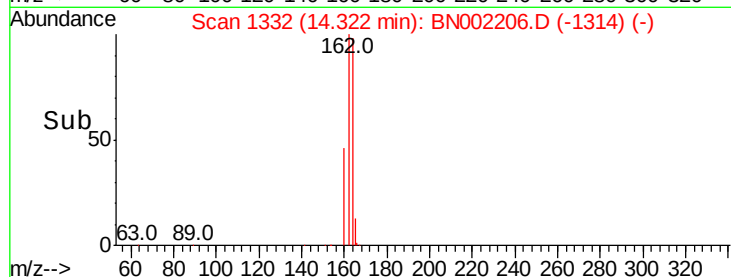
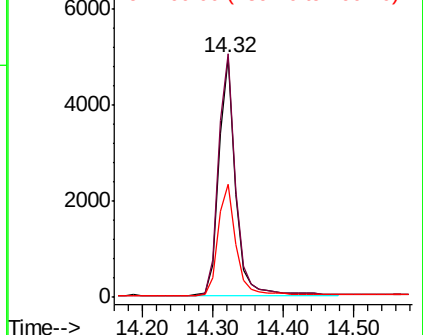
160 47.0 37.1 55.7



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: 0.226 ng

RT: 15.84 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BN002206.D

Acq: 31 Jul 2018 12:09

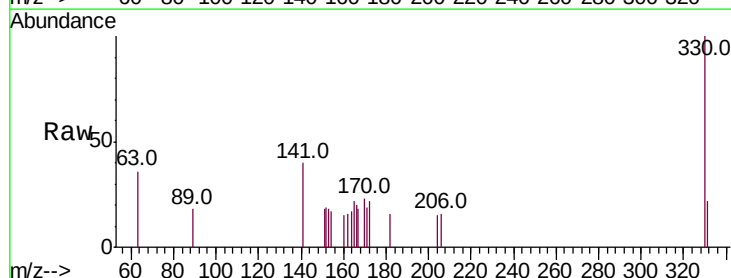
Tgt Ion:330 Resp: 800

Ion Ratio Lower Upper

330 100

332 0.0 152.7 229.1#

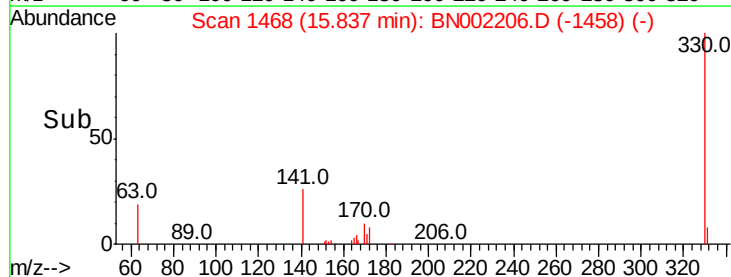
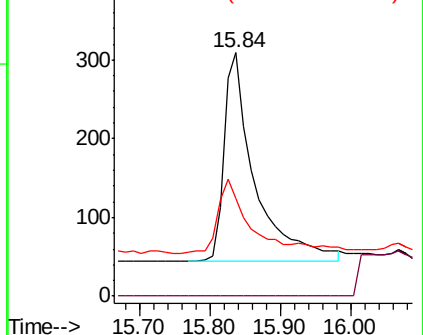
141 34.0 33.7 50.5

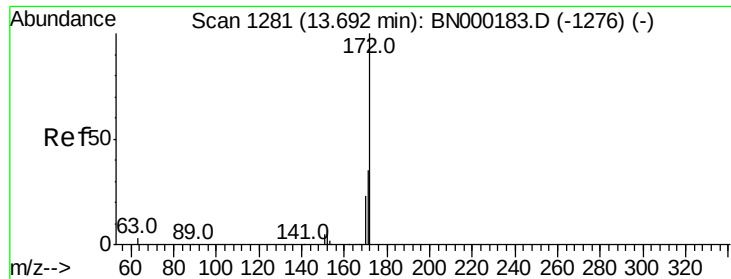


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

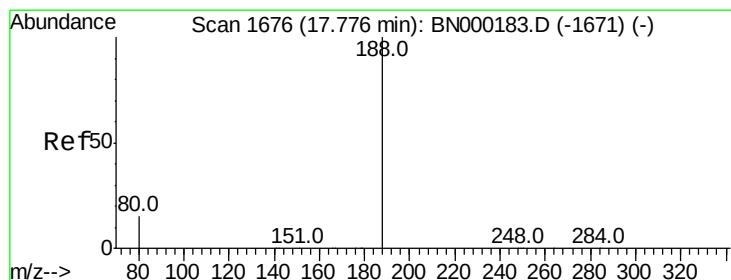
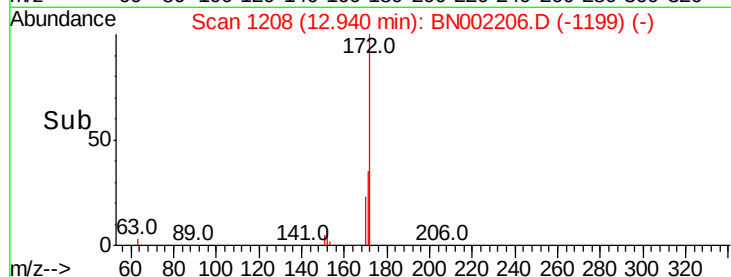
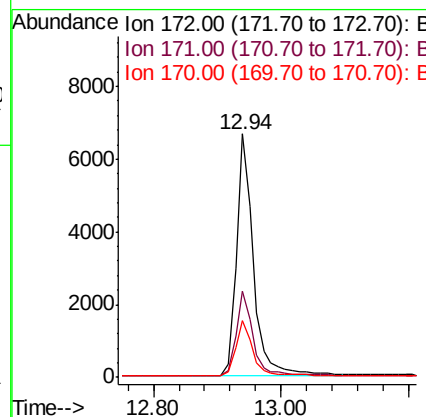
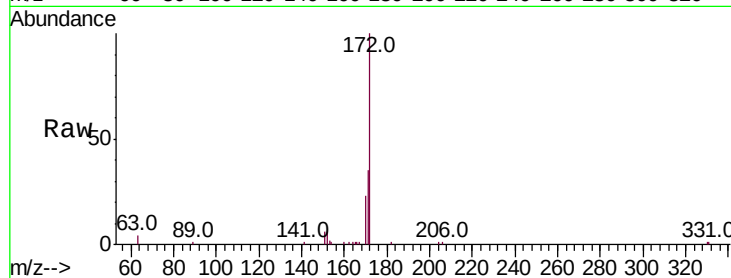




#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 12.94 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BN002206.D
Acq: 31 Jul 2018 12:09

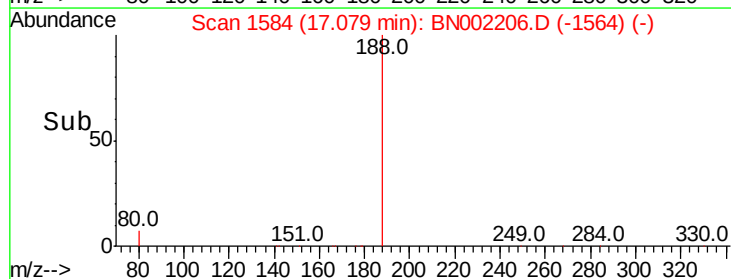
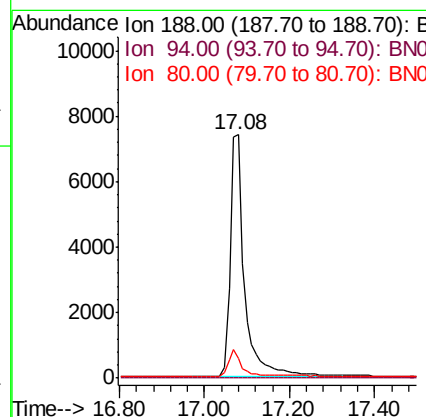
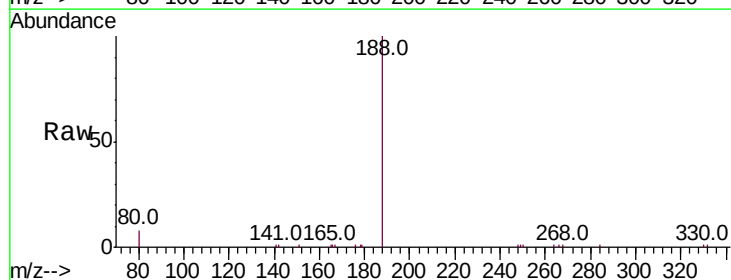
Instrument :
BNA_N
ClientSampleId :

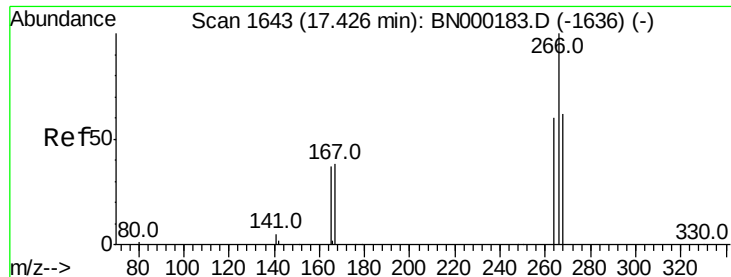
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.9	44.9
170	23.1	21.8	32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BN002206.D
Acq: 31 Jul 2018 12:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.3	3.6	5.4#

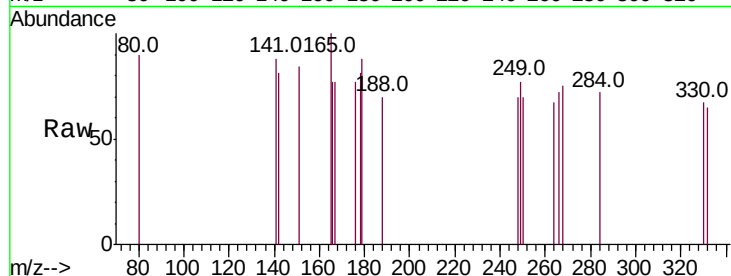




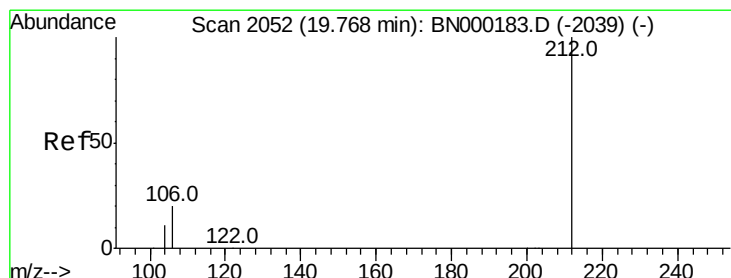
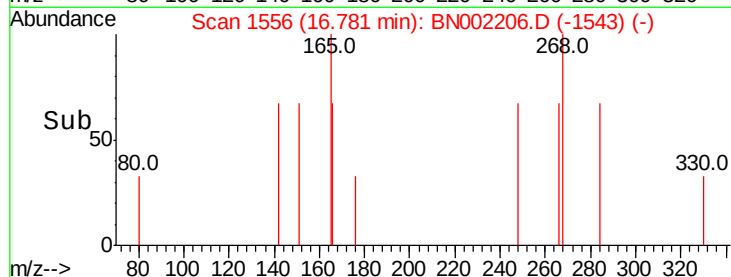
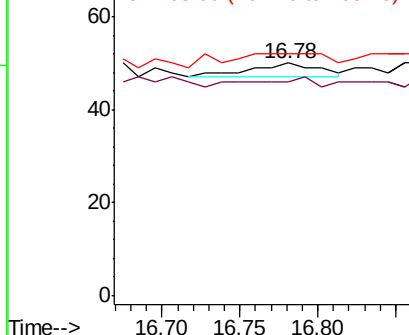
#22
 Pentachlorophenol
 Concen: 0.097 ng
 RT: 16.78 min Scan# 1556
 Delta R.T. 0.04 min
 Lab File: BN002206.D
 Acq: 31 Jul 2018 12:09

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:266 Resp: 10
 Ion Ratio Lower Upper
 266 100
 264 92.0 48.0 72.0#
 268 104.0 52.0 78.0#

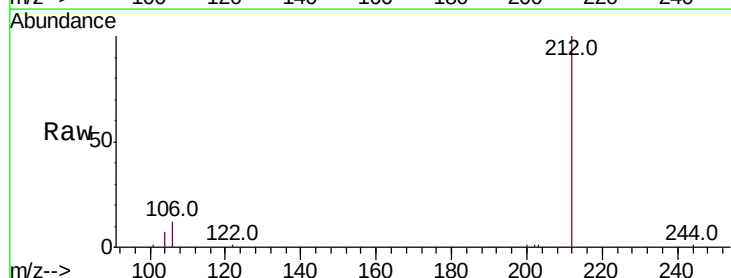


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

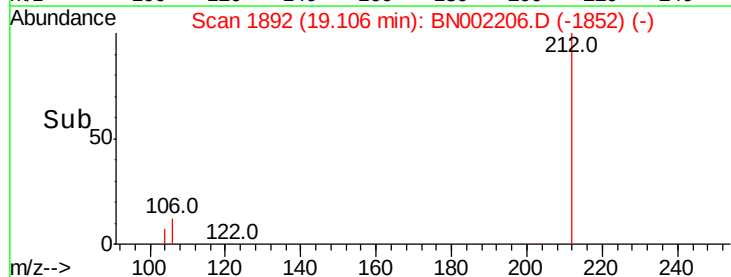
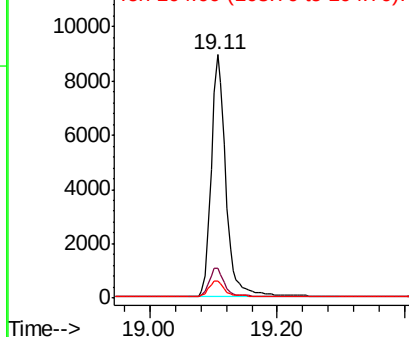


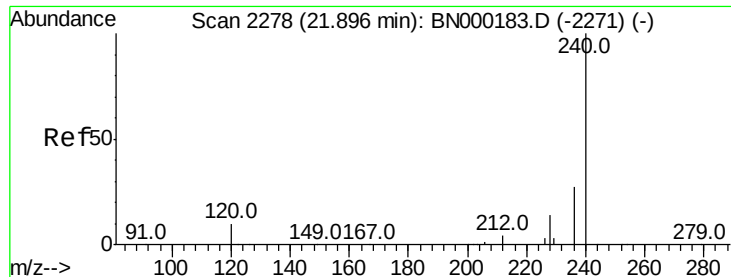
#25
 Fluoranthene-d10
 Concen: 0.332 ng
 RT: 19.11 min Scan# 1892
 Delta R.T. 0.00 min
 Lab File: BN002206.D
 Acq: 31 Jul 2018 12:09

Tgt Ion:212 Resp: 14254
 Ion Ratio Lower Upper
 212 100
 106 11.7 2.8 4.2#
 104 6.7 1.6 2.4#



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





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BN002206.D

Acq: 31 Jul 2018 12:09

Instrument :

BNA_N

ClientSampled :

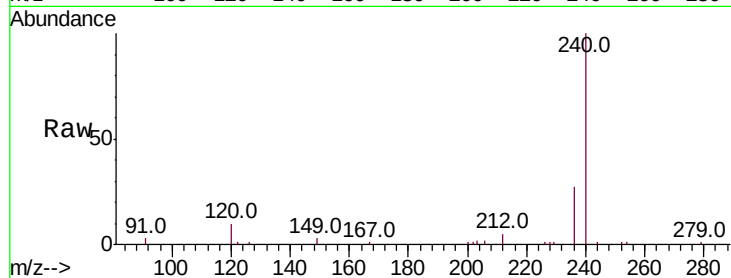
Tot Ion:240 Resp: 12226

Ion Ratio Lower Upper

240 100

120 10.0 5.5 8.3#

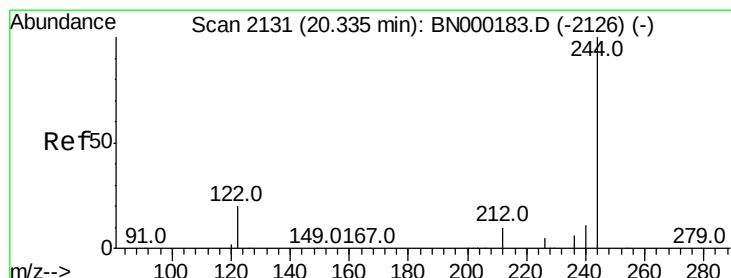
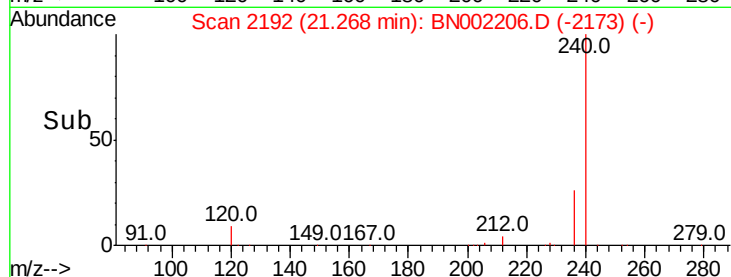
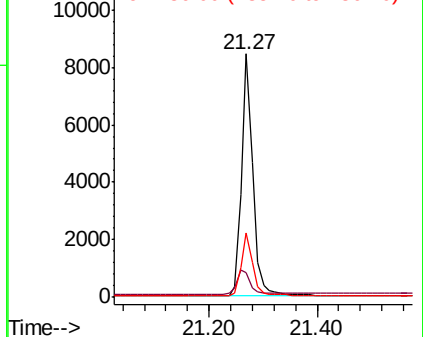
236 26.5 20.7 31.1



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: 0.363 ng

RT: 19.71 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BN002206.D

Acq: 31 Jul 2018 12:09

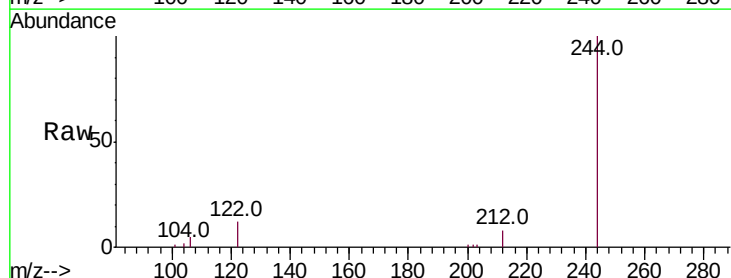
Tgt Ion:244 Resp: 9472

Ion Ratio Lower Upper

244 100

212 8.1 25.4 38.0#

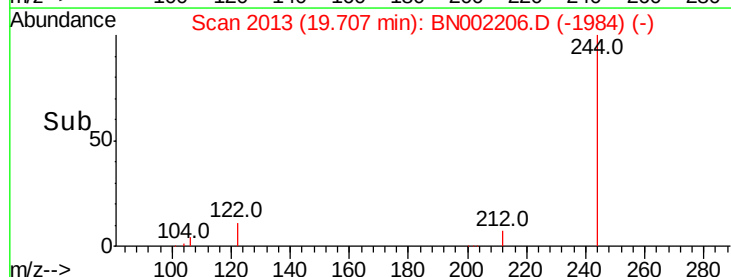
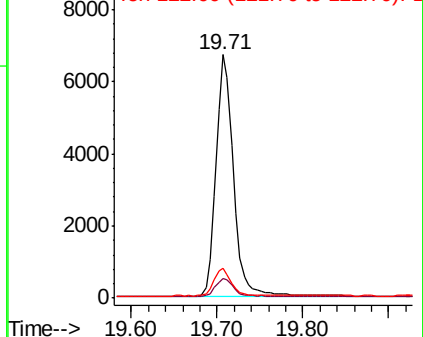
122 12.1 8.1 12.1

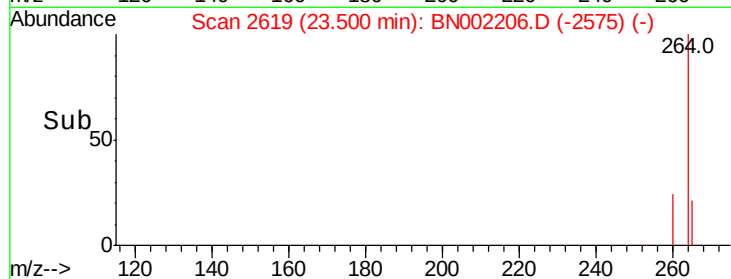
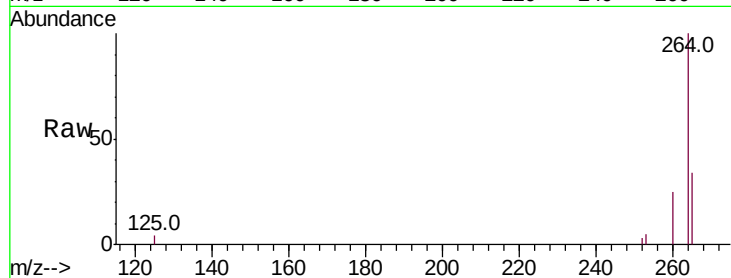
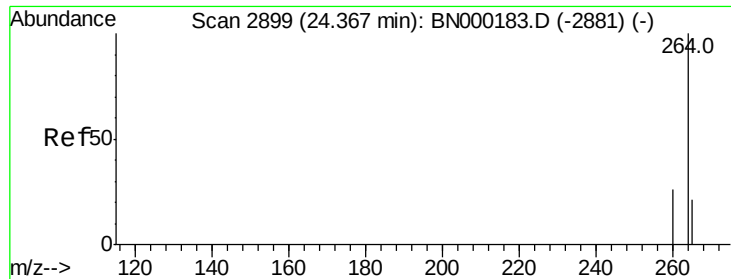


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2619
 Delta R.T. 0.00 min
 Lab File: BN002206.D
 Acq: 31 Jul 2018 12:09

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.5	30.7
265	34.2	22.8	34.2

