

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032919\
 Data File : BN005031.D
 Acq On : 29 Mar 2019 13:30
 Operator : JU/SJ
 Sample : K1825-05DL 25X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-BN-WPDL

Quant Time: Mar 29 23:48:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 03:42:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3069	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	11772	0.40	ng	0.00
13) Acenaphthene-d10	14.30	164	7145	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	16852	0.40	ng	0.01
27) Chrysene-d12	21.26	240	21509	0.40	ng	0.00
34) Perylene-d12	23.49	264	19477	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	42367	5.53	ng	0.00
5) Phenol-d6	6.83	99	53798	5.93	ng	-0.02
8) Nitrobenzene-d5	8.82	82	29671	4.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	2	0.00	ng	0.00
14) 2,4,6-Tribromophenol	15.80	330	23899	5.96	ng	-0.01
15) 2-Fluorobiphenyl	12.92	172	112566	4.17	ng	0.00
25) Fluoranthene-d10	19.09	212	16	0.00	ng	0.00
29) Terphenyl-d14	19.69	244	188160	4.26	ng	0.00

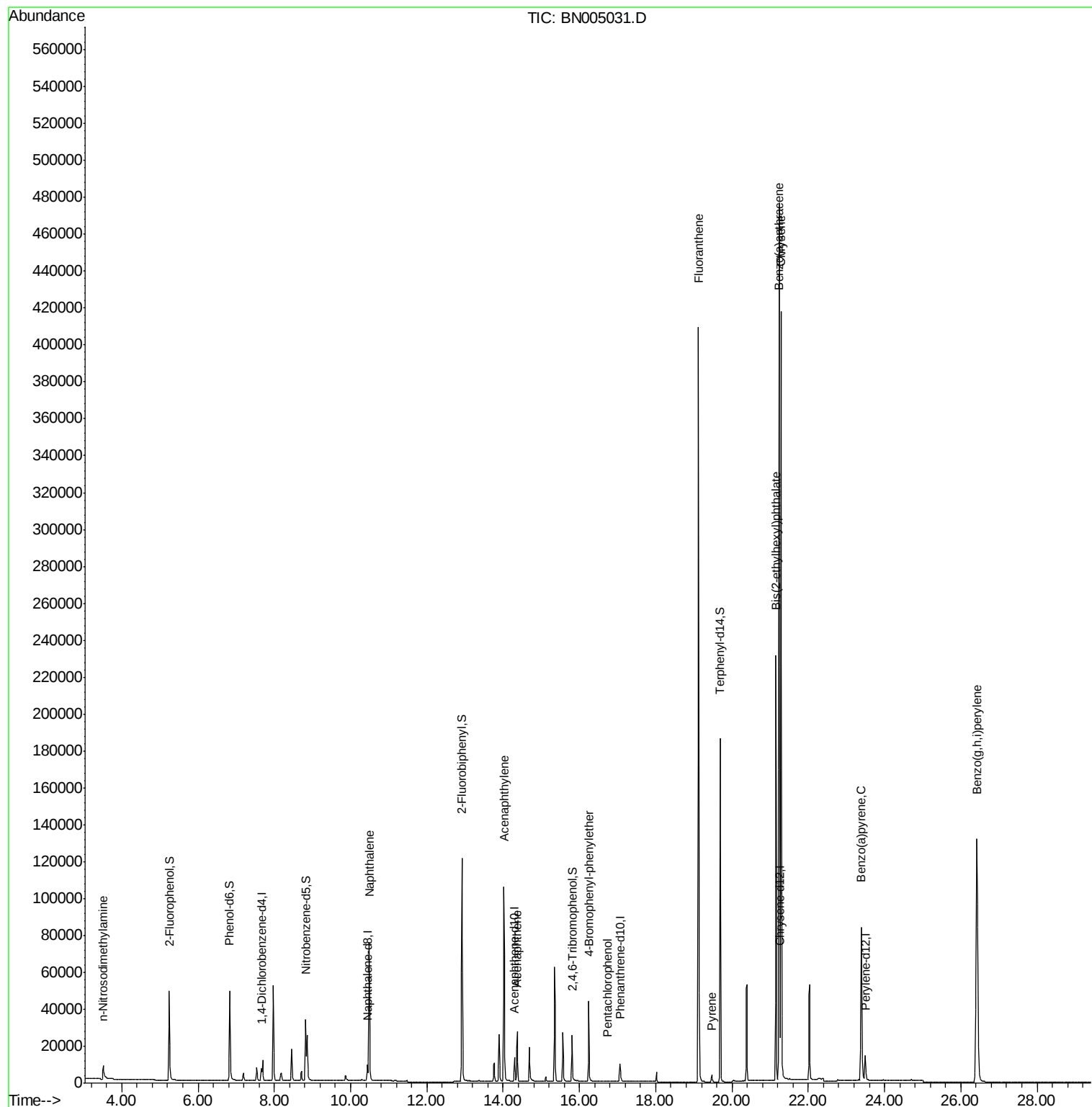
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.51	42	5844	2.902	ng	# 92
9) Naphthalene	10.49	128	103566	3.500	ng	98
16) Acenaphthylene	14.02	152	118314	3.508	ng	99
17) Acenaphthene	14.37	154	13398	0.626	ng	99
20) 4-Bromophenyl-phenylether	16.25	248	24271	2.515	ng	92
22) Pentachlorophenol	16.73	266	4	0.091	ng	# 61
26) Fluoranthene	19.12	202	373931	6.472	ng	100
28) Pyrene	19.47	202	1938	0.032	ng	# 1
30) Benzo(a)anthracene	21.24	228	373002	6.150	ng	99
31) Chrysene	21.29	228	346473	5.299	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	185108	7.288	ng	99
37) Benzo(a)pyrene	23.39	252	131013	2.360	ng	95
39) Benzo(g,h,i)perylene	26.42	276	288245	5.152	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.66 min Scan# 575

Delta R.T. 0.00 min

Lab File: BN005031.D

Acq: 29 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

PT-BN-WPDL

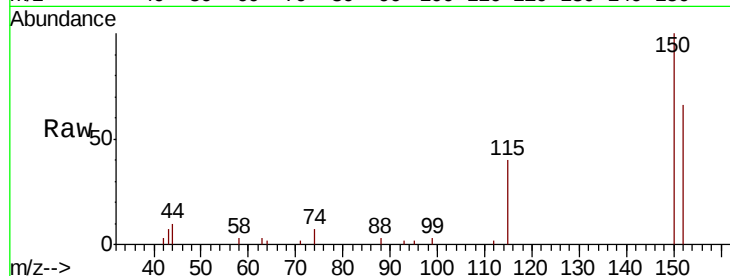
Tgt Ion:152 Resp: 3069

Ion Ratio Lower Upper

152 100

150 152.6 123.4 185.2

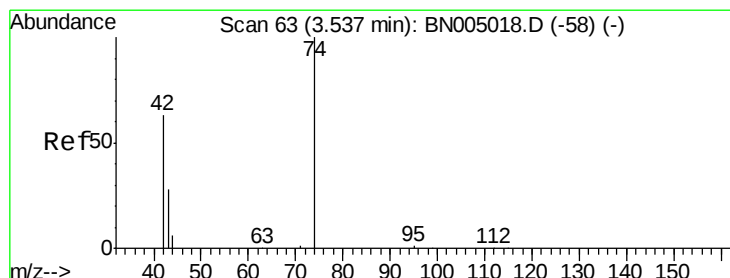
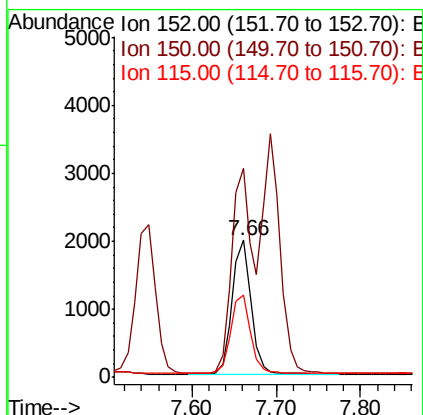
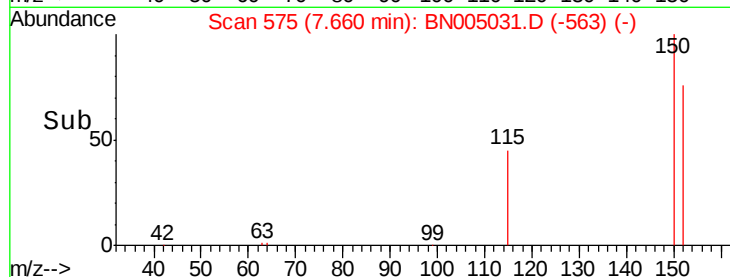
115 60.5 50.0 75.0



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



#3

n-Nitrosodimethylamine

Concen: 2.902 ng

RT: 3.51 min Scan# 60

Delta R.T. -0.02 min

Lab File: BN005031.D

Acq: 29 Mar 2019 13:30

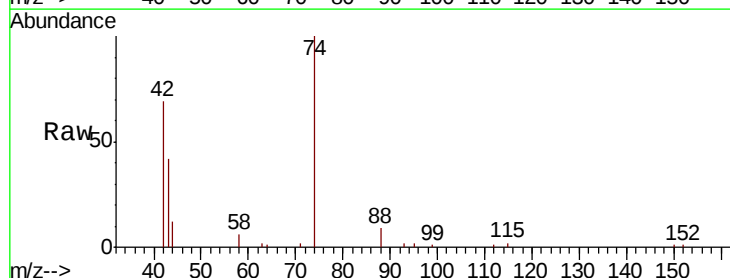
Tgt Ion: 42 Resp: 5844

Ion Ratio Lower Upper

42 100

74 152.6 129.1 193.7

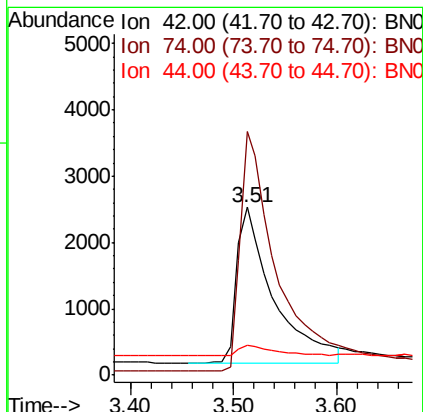
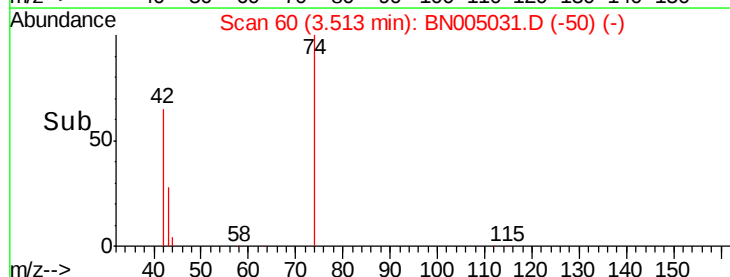
44 6.7 11.6 17.4#

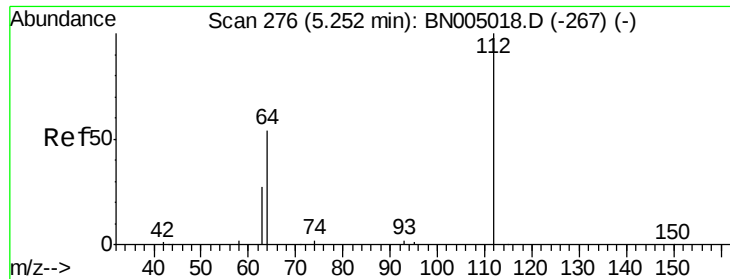


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 5.530 ng

RT: 5.24 min Scan# 275

Delta R.T. -0.01 min

Lab File: BN005031.D

Acq: 29 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

PT-BN-WPDL

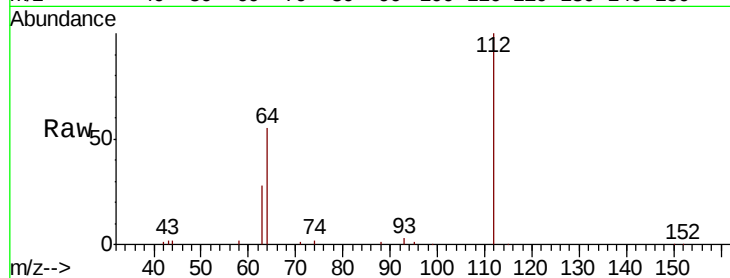
Tgt Ion: 112 Resp: 42367

Ion Ratio Lower Upper

112 100

64 52.4 41.9 62.9

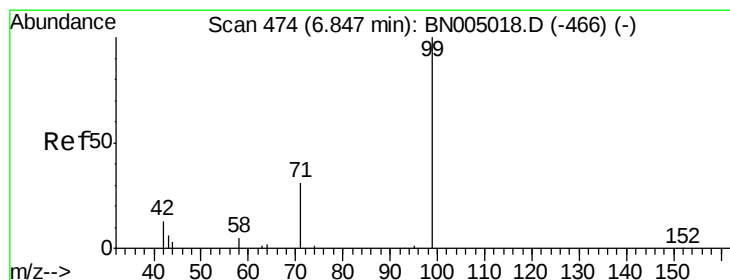
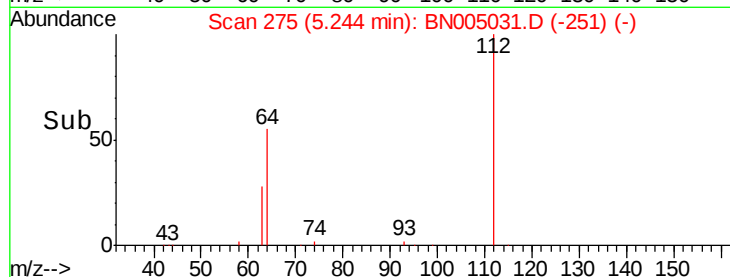
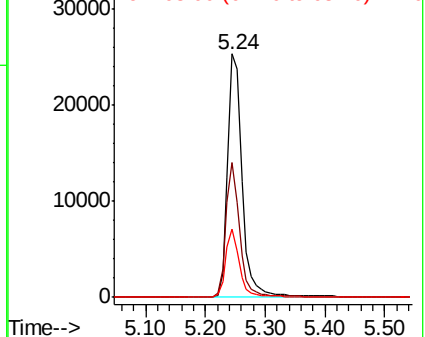
63 26.4 21.5 32.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 5.929 ng

RT: 6.83 min Scan# 472

Delta R.T. -0.02 min

Lab File: BN005031.D

Acq: 29 Mar 2019 13:30

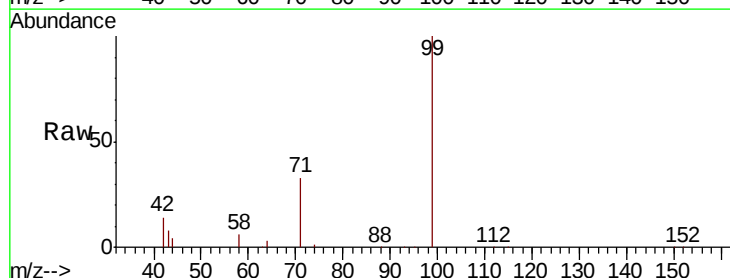
Tgt Ion: 99 Resp: 53798

Ion Ratio Lower Upper

99 100

42 14.4 12.2 18.2

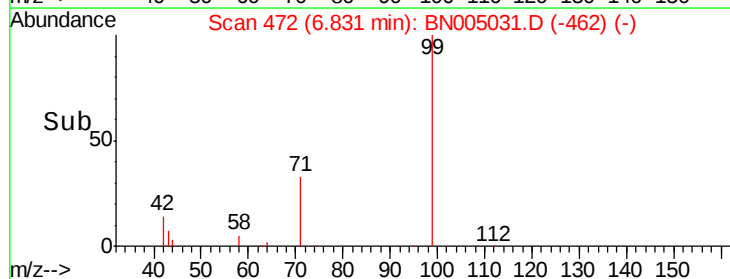
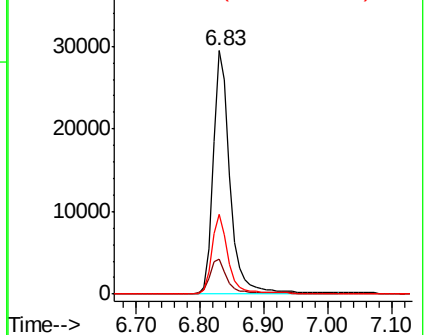
71 31.9 26.1 39.1

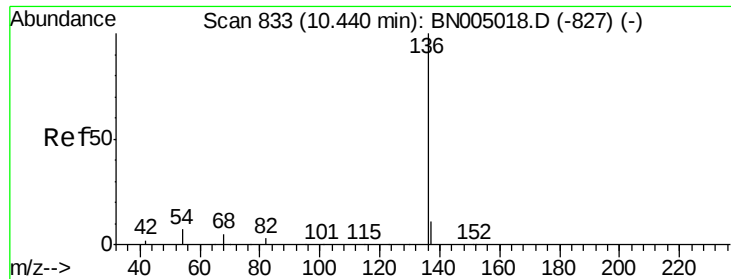


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN005031.D

Acq: 29 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

PT-BN-WPDL

Tgt Ion:136 Resp: 11772

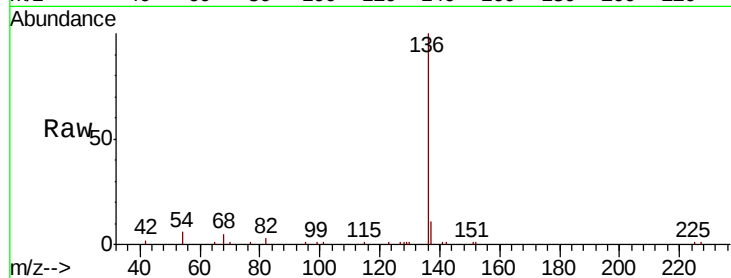
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 5.8 6.0 9.0#

68 4.9 5.0 7.6#

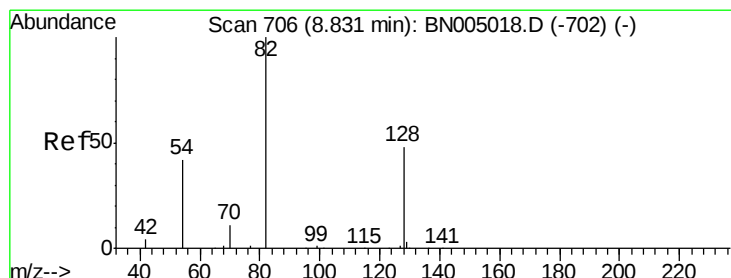
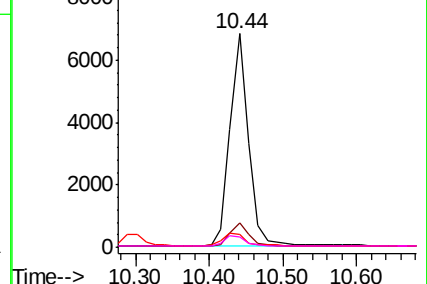
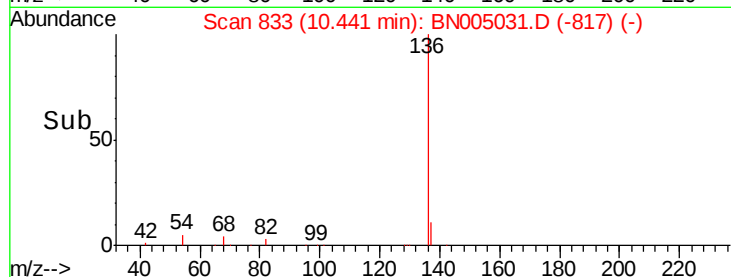


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 4.349 ng

RT: 8.82 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN005031.D

Acq: 29 Mar 2019 13:30

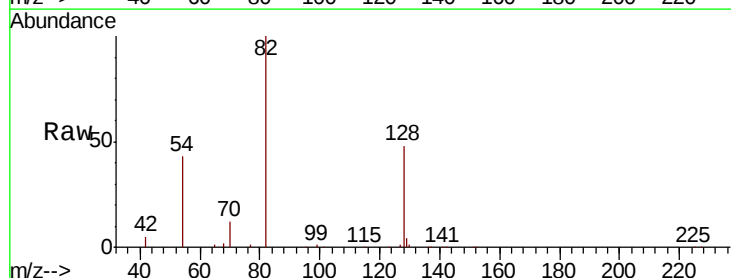
Tgt Ion: 82 Resp: 29671

Ion Ratio Lower Upper

82 100

128 48.0 40.5 60.7

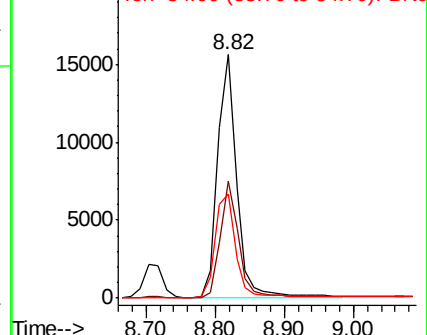
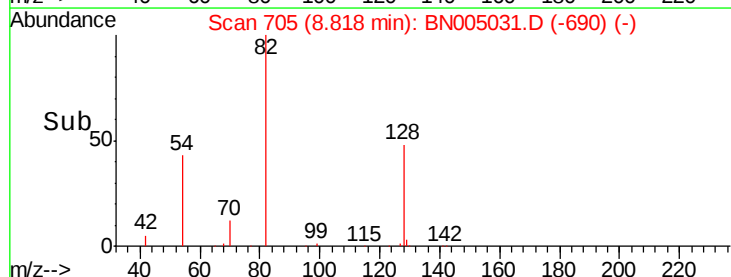
54 42.8 35.7 53.5

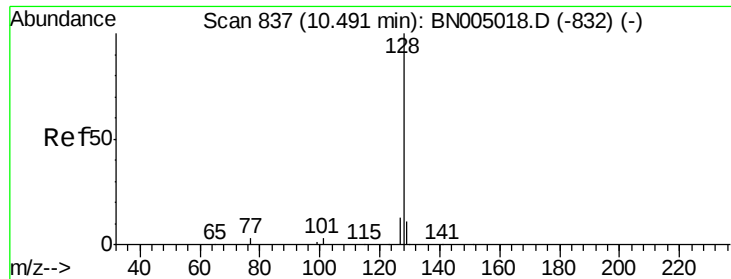


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 3.500 ng

RT: 10.49 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN005031.D

Acq: 29 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

PT-BN-WPDL

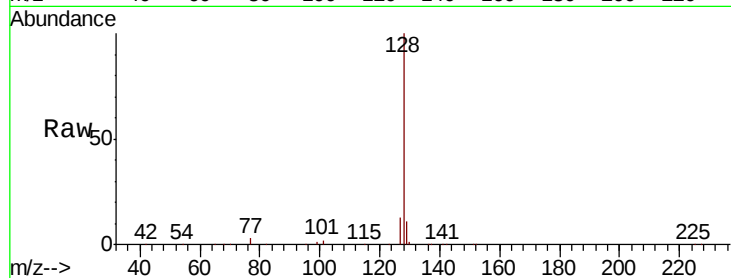
Tgt Ion:128 Resp: 103566

Ion Ratio Lower Upper

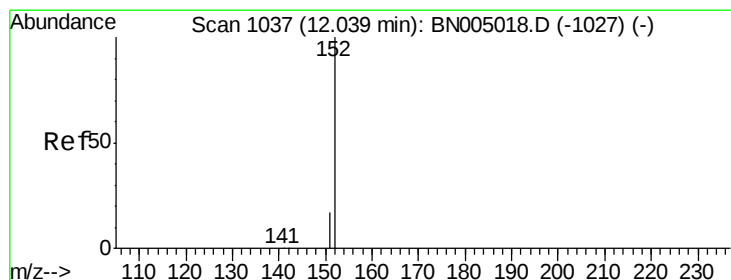
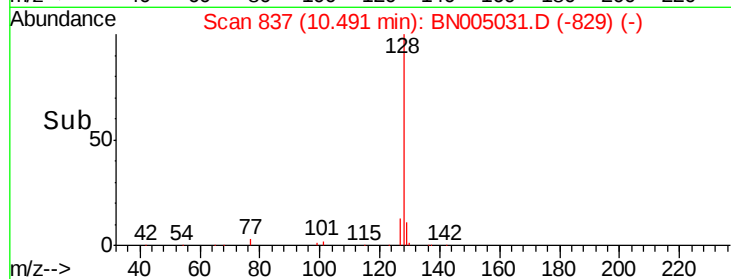
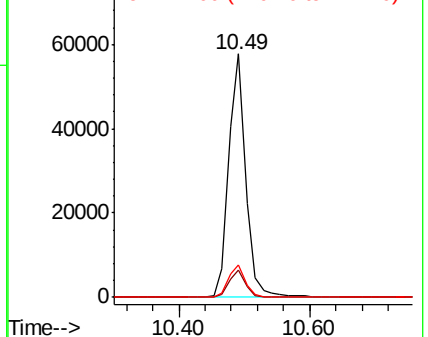
128 100

129 11.0 9.4 14.2

127 13.1 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 12.04 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BN005031.D

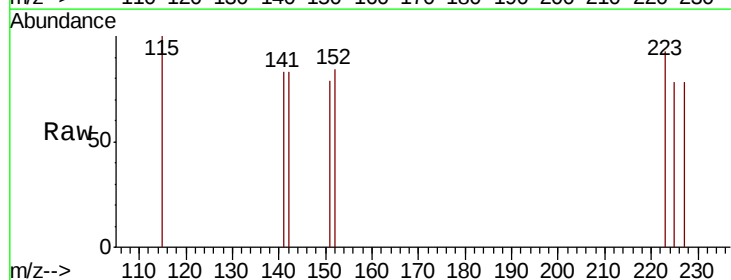
Acq: 29 Mar 2019 13:30

Tgt Ion:152 Resp: 2

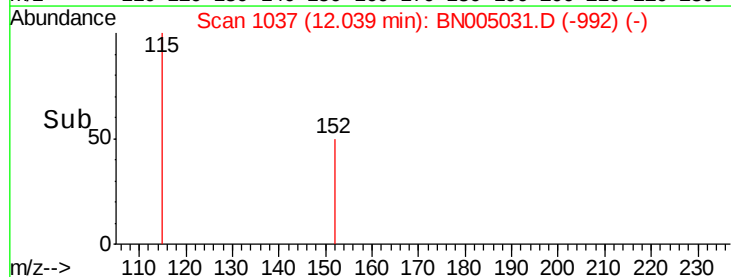
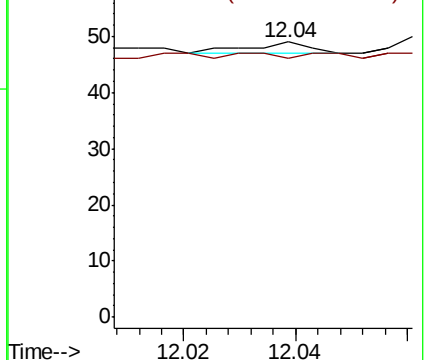
Ion Ratio Lower Upper

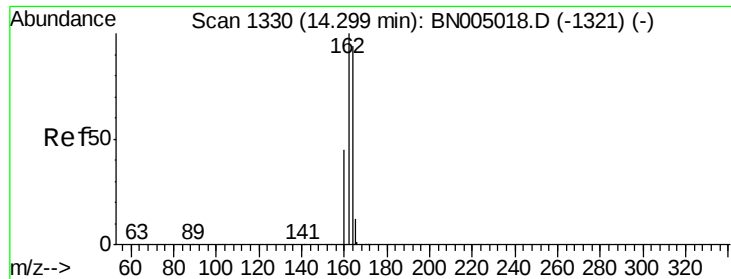
152 100

151 50.0 15.3 22.9#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.30 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BN005031.D

Acq: 29 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

PT-BN-WPDL

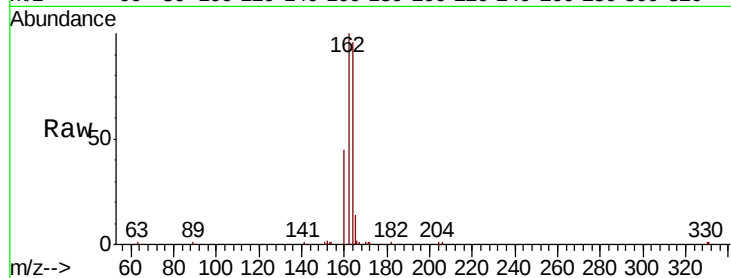
Tgt Ion:164 Resp: 7145

Ion Ratio Lower Upper

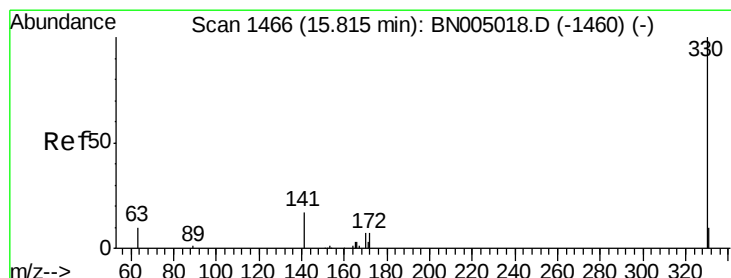
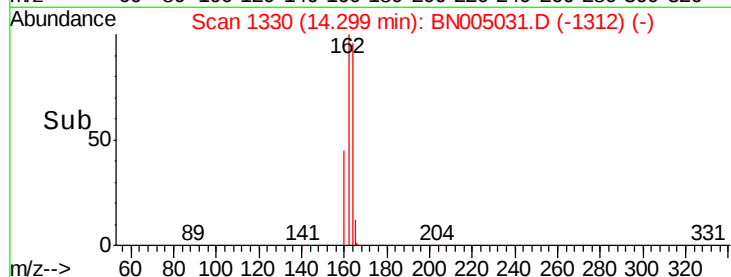
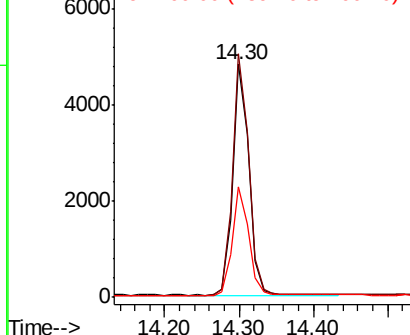
164 100

162 104.4 85.3 127.9

160 47.3 39.2 58.8



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: 5.963 ng

RT: 15.80 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BN005031.D

Acq: 29 Mar 2019 13:30

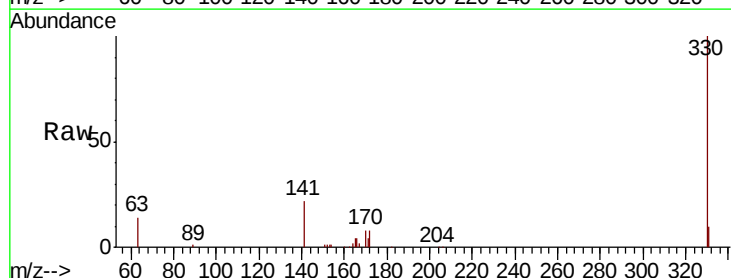
Tgt Ion:330 Resp: 23899

Ion Ratio Lower Upper

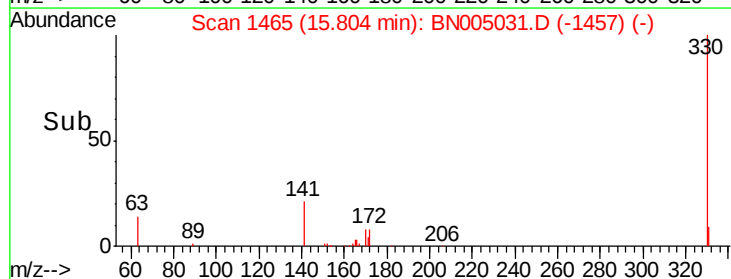
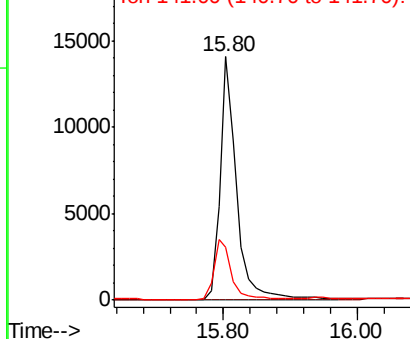
330 100

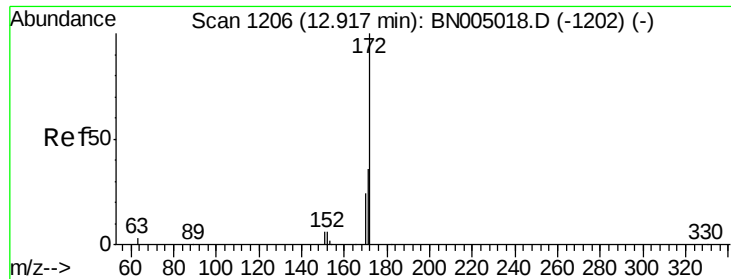
332 0.0 0.0 0.0

141 26.5 21.3 31.9



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

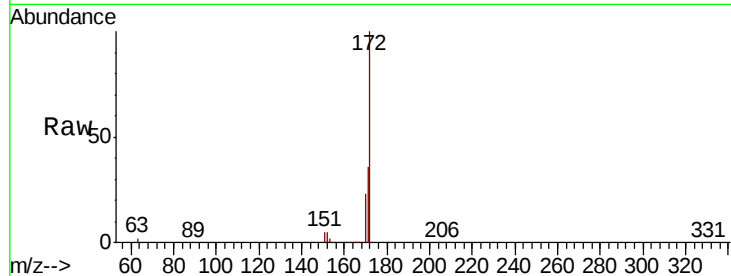




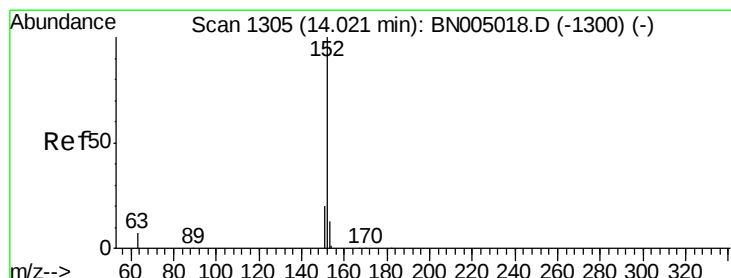
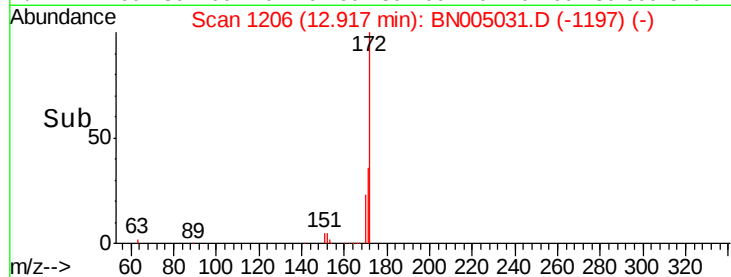
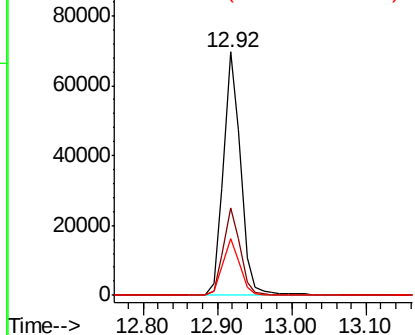
#15
2-Fluorobiphenyl
Concen: 4.173 ng
RT: 12.92 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Instrument :
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	23.4	20.0	30.0

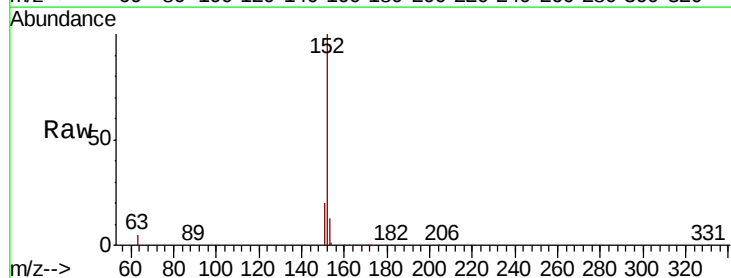


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

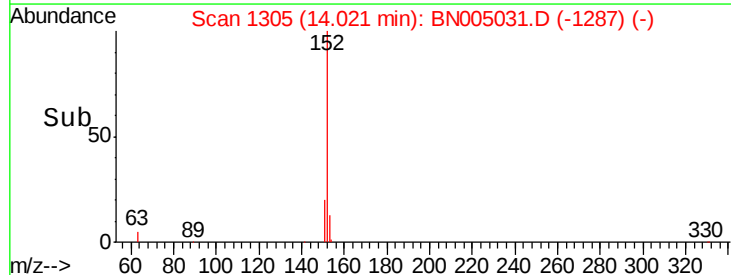
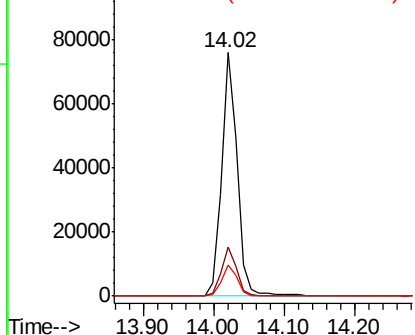


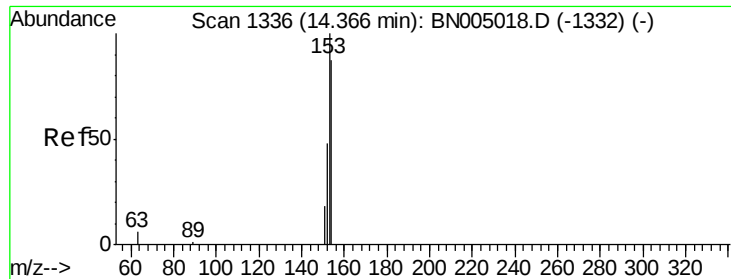
#16
Acenaphthylene
Concen: 3.508 ng
RT: 14.02 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.1	10.6	15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.626 ng

RT: 14.37 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BN005031.D

Acq: 29 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

PT-BN-WPDL

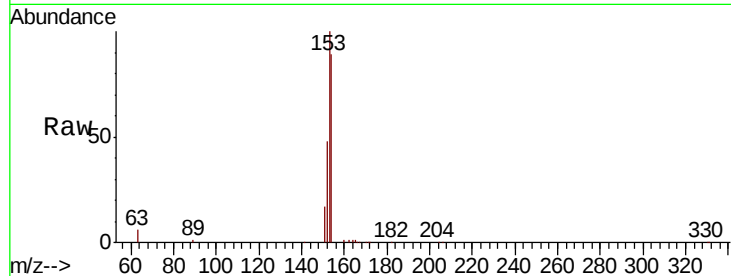
Tgt Ion:154 Resp: 13398

Ion Ratio Lower Upper

154 100

153 114.4 92.1 138.1

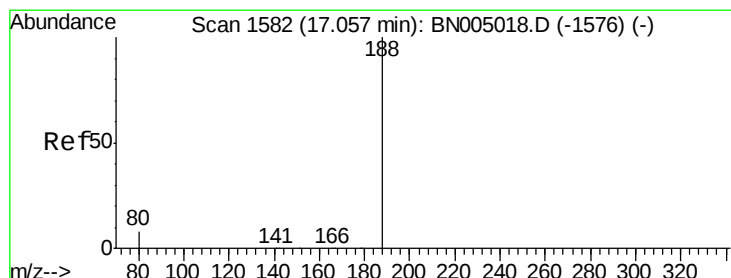
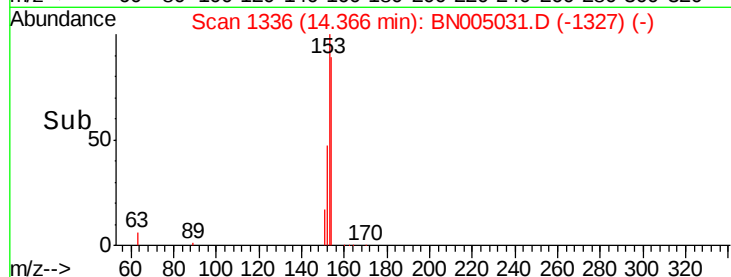
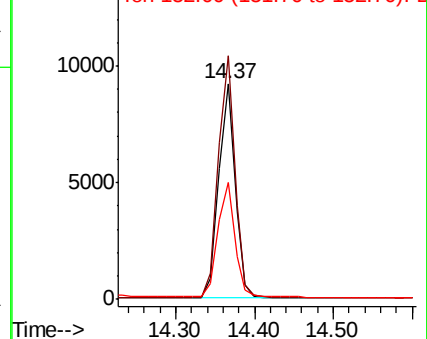
152 55.6 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.07 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BN005031.D

Acq: 29 Mar 2019 13:30

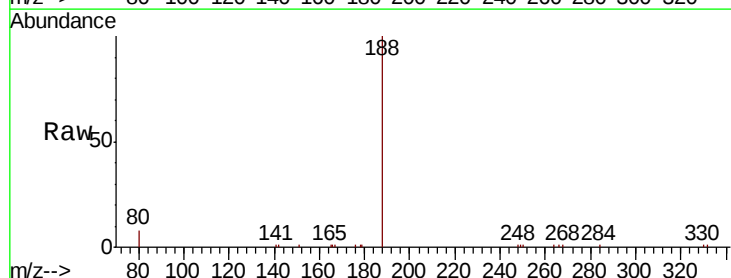
Tgt Ion:188 Resp: 16852

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

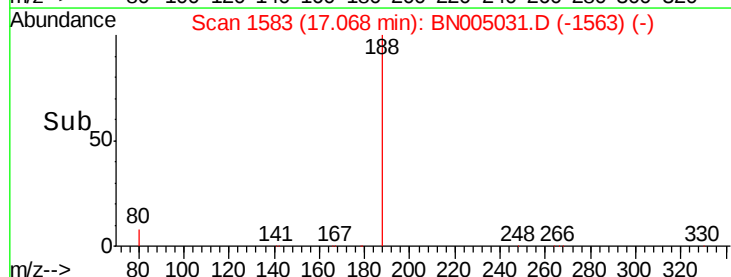
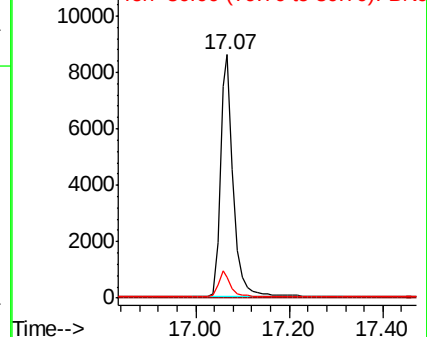
80 8.3 6.9 10.3

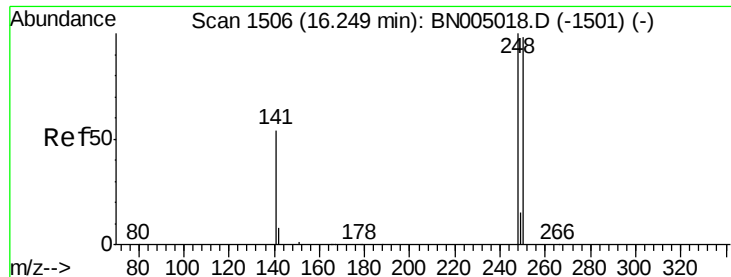


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

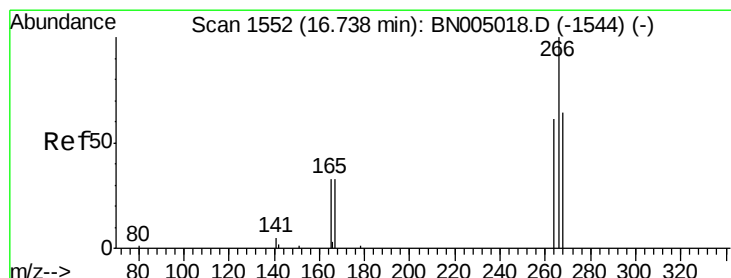
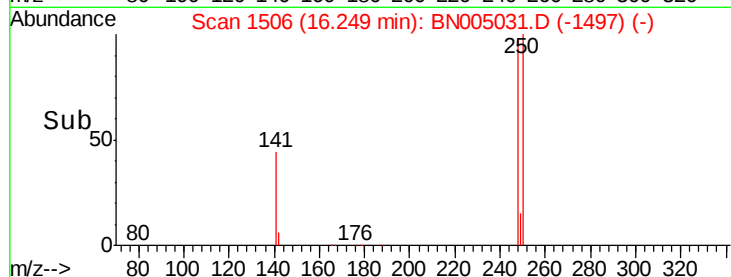
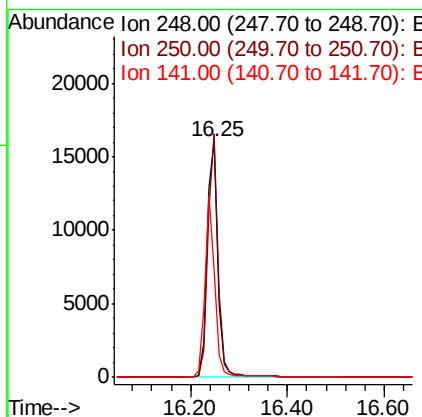
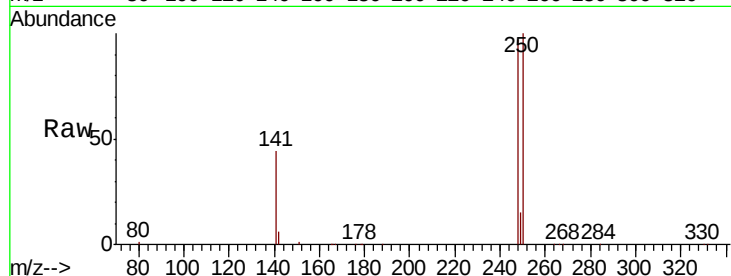




#20
4-Bromophenyl-phenylether
Concen: 2.515 ng
RT: 16.25 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

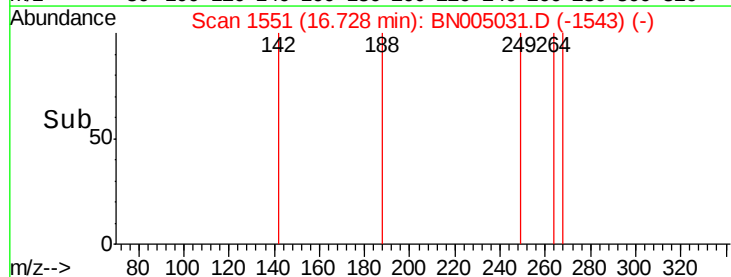
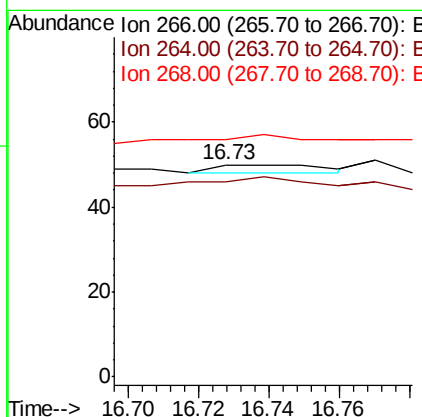
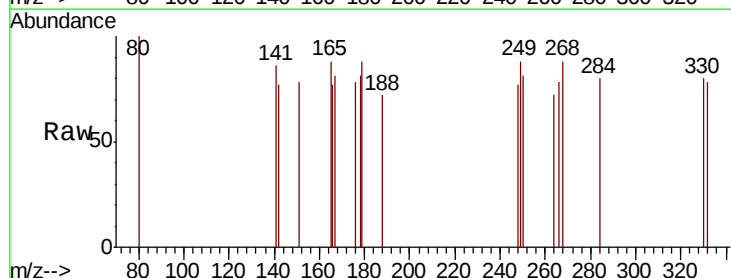
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

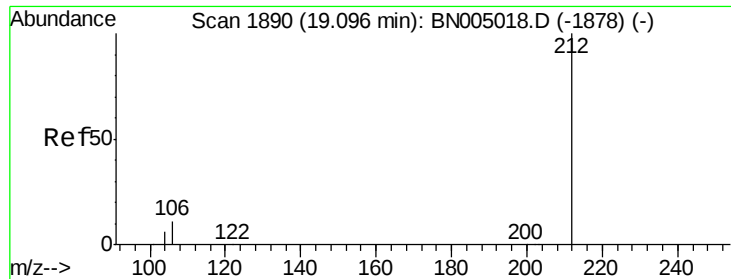
Tgt Ion:248 Resp: 24271
Ion Ratio Lower Upper
248 100
250 103.4 78.6 117.8
141 45.8 43.6 65.4



#22
Pentachlorophenol
Concen: 0.091 ng
RT: 16.73 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Tgt Ion:266 Resp: 4
Ion Ratio Lower Upper
266 100
264 92.0 53.4 80.0#
268 112.0 58.9 88.3#

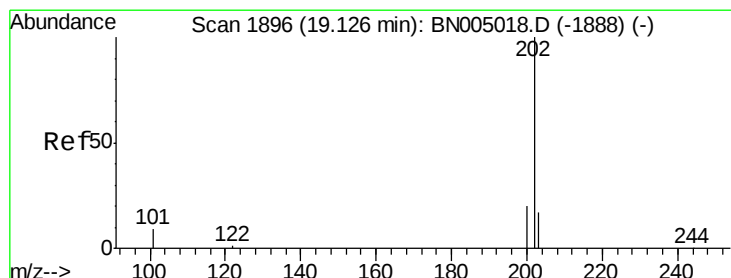
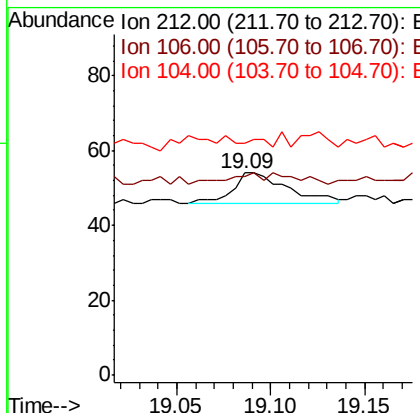
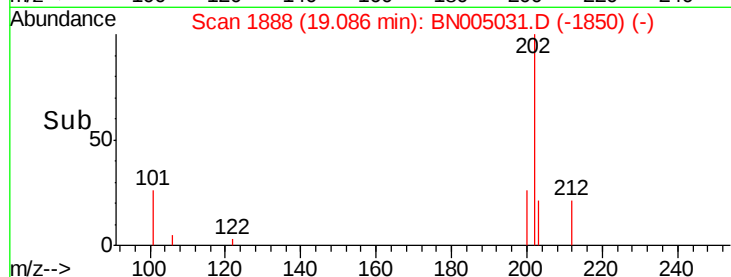
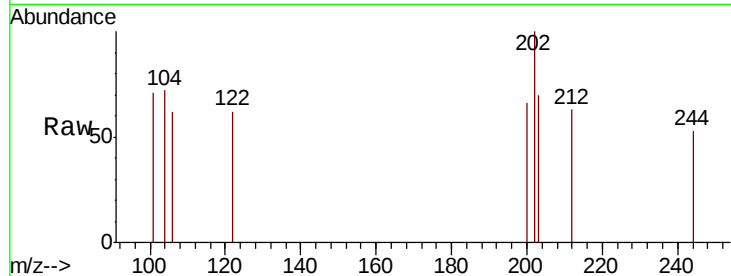




#25
 Fluoranthene-d10
 Concen: 0.000 ng
 RT: 19.09 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BN005031.D
 Acq: 29 Mar 2019 13:30

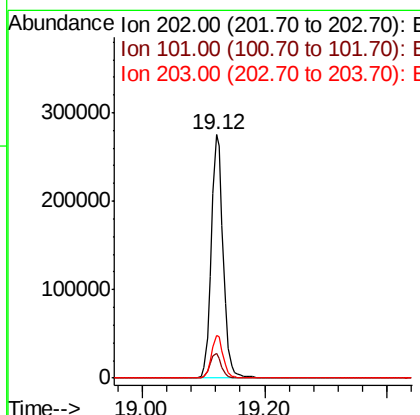
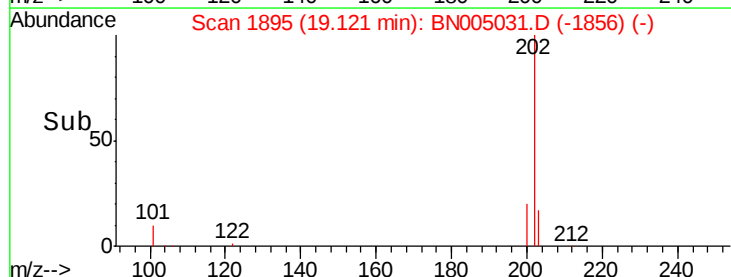
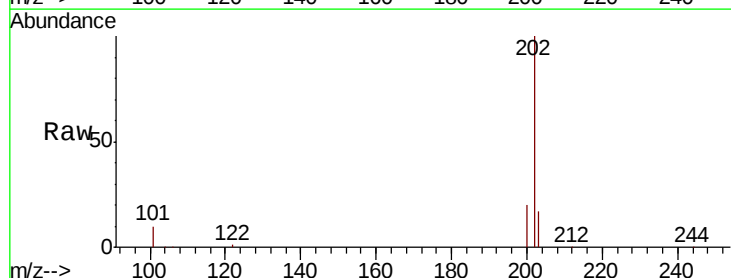
Instrument :
 BNA_N
 ClientSampleId :
 PT-BN-WPDL

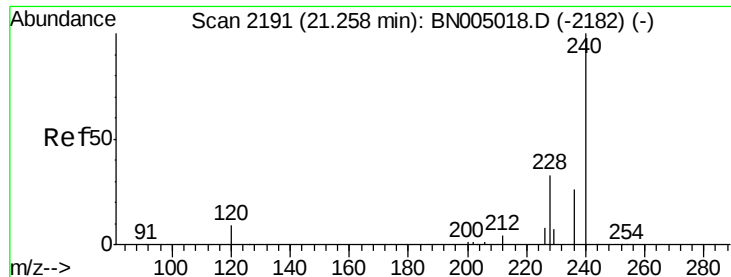
Tgt Ion: 212 Resp: 16
 Ion Ratio Lower Upper
 212 100
 106 6.3 9.4 14.2#
 104 6.3 5.4 8.0



#26
 Fluoranthene
 Concen: 6.472 ng
 RT: 19.12 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BN005031.D
 Acq: 29 Mar 2019 13:30

Tgt Ion: 202 Resp: 373931
 Ion Ratio Lower Upper
 202 100
 101 10.2 8.2 12.2
 203 17.4 13.8 20.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.26 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BN005031.D

Acq: 29 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

PT-BN-WPDL

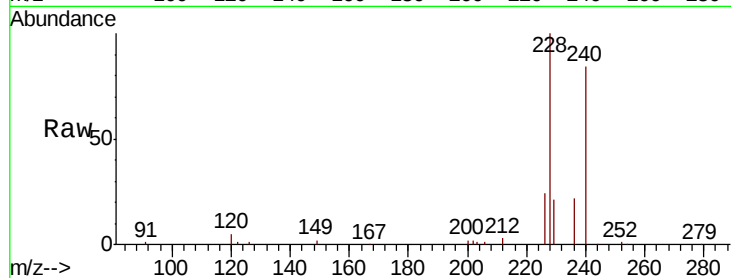
Tgt Ion:240 Resp: 21509

Ion Ratio Lower Upper

240 100

120 6.0 7.4 11.0#

236 25.5 21.0 31.6

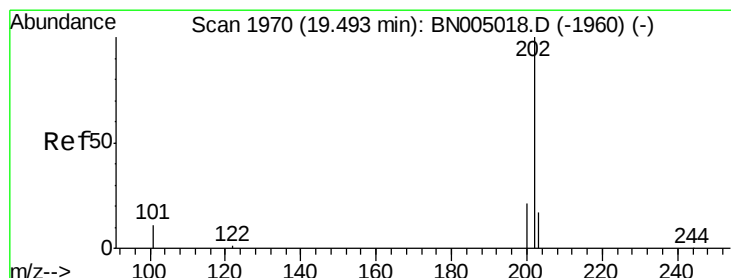
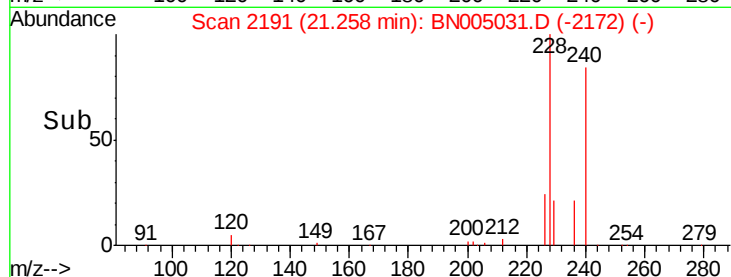
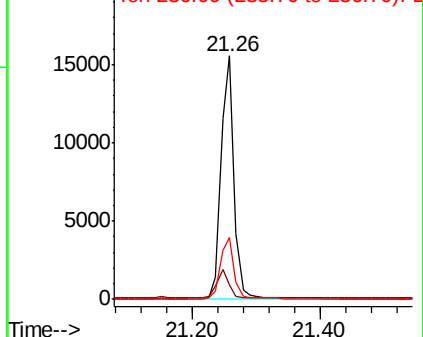


Abundance

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



#28

Pyrene

Concen: 0.032 ng

RT: 19.47 min Scan# 1965

Delta R.T. -0.02 min

Lab File: BN005031.D

Acq: 29 Mar 2019 13:30

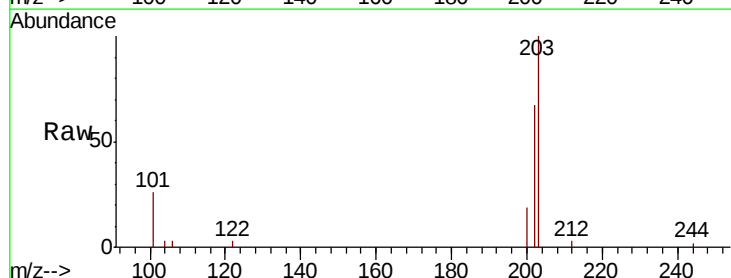
Tgt Ion:202 Resp: 1938

Ion Ratio Lower Upper

202 100

200 24.0 16.5 24.7

203 129.1 13.9 20.9#

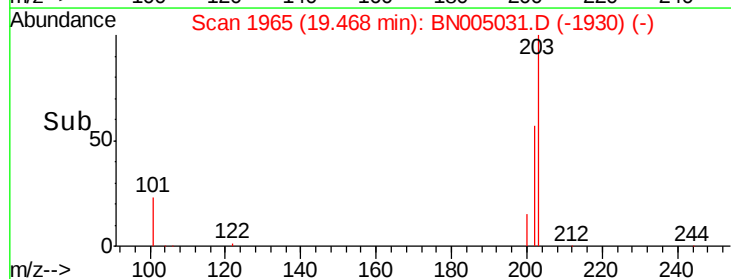
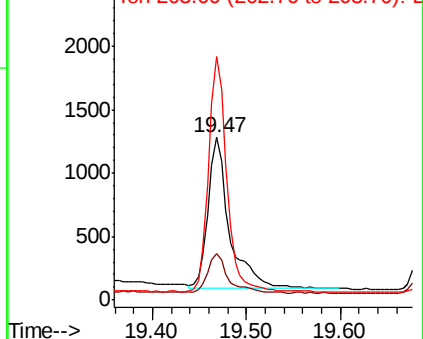


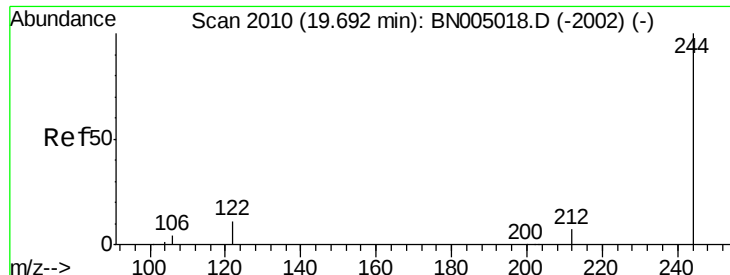
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

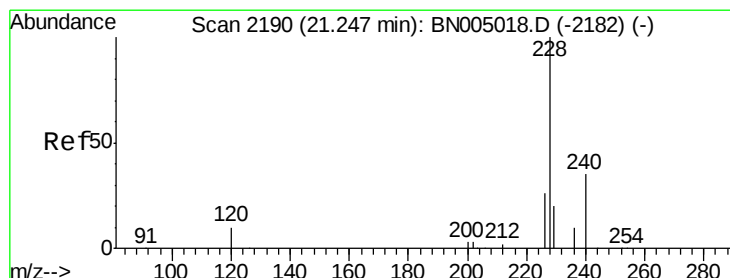
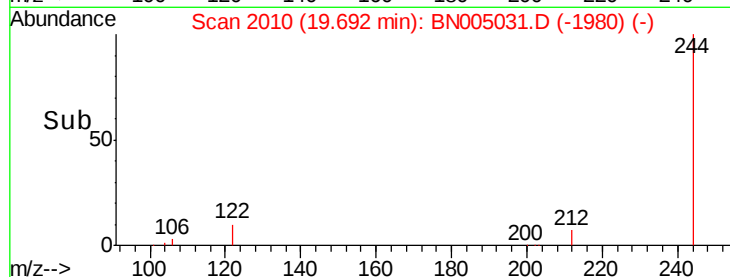
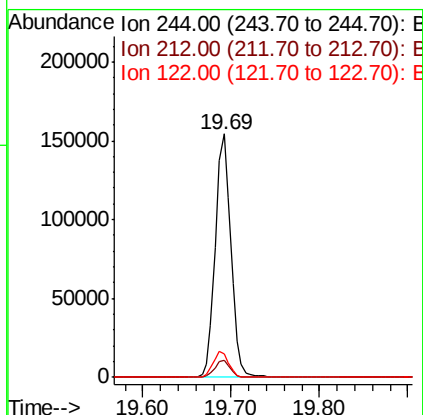
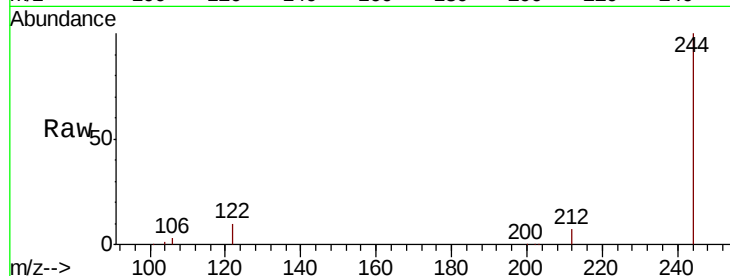




#29
 Terphenyl-d14
 Concen: 4.257 ng
 RT: 19.69 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BN005031.D
 Acq: 29 Mar 2019 13:30

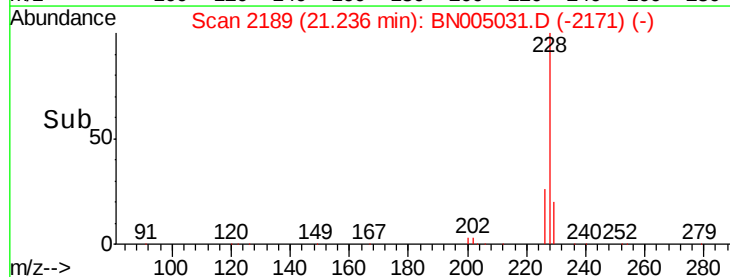
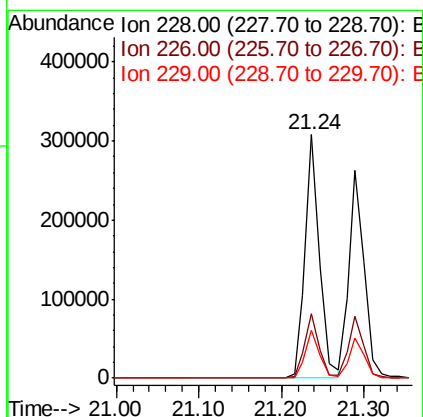
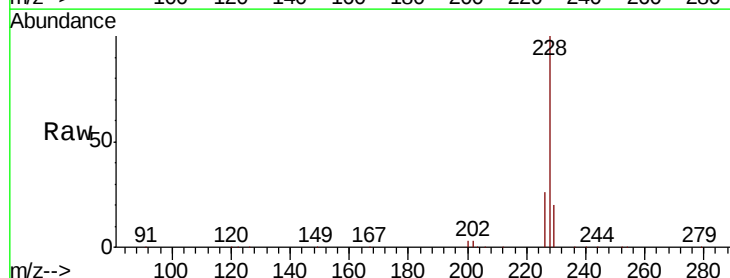
Instrument :
 BNA_N
 ClientSampleId :
 PT-BN-WPDL

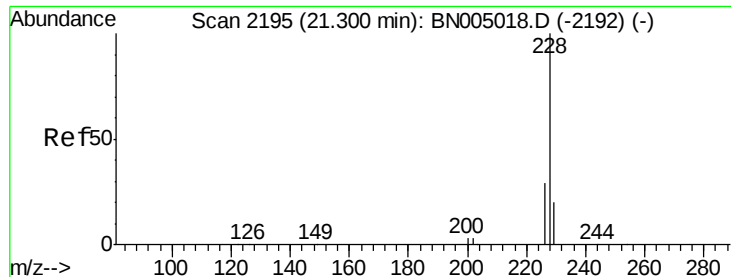
Tgt Ion: 244 Resp: 188160
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 9.6 9.0 13.4



#30
 Benzo(a)anthracene
 Concen: 6.150 ng
 RT: 21.24 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BN005031.D
 Acq: 29 Mar 2019 13:30

Tgt Ion: 228 Resp: 373002
 Ion Ratio Lower Upper
 228 100
 226 26.5 20.9 31.3
 229 19.5 16.2 24.2





#31

Chrysene

Concen: 5.299 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BN005031.D

Acq: 29 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

PT-BN-WPDL

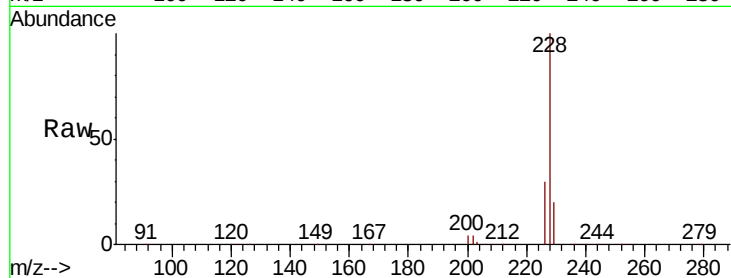
Tgt Ion:228 Resp: 346473

Ion Ratio Lower Upper

228 100

226 29.7 22.8 34.2

229 19.5 16.2 24.4

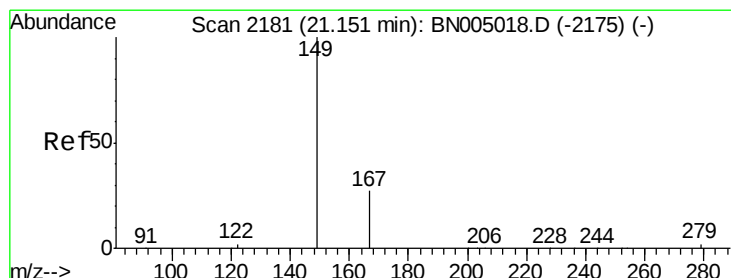
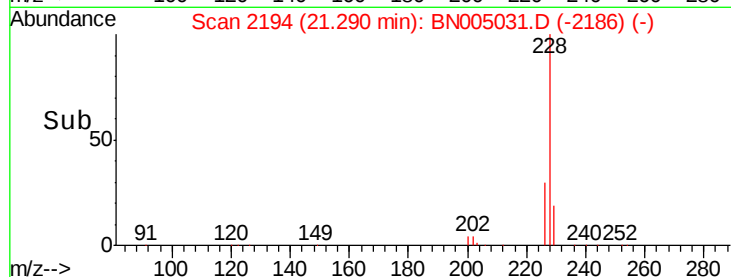
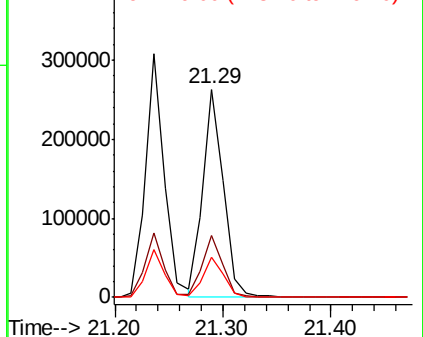


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 7.288 ng

RT: 21.15 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BN005031.D

Acq: 29 Mar 2019 13:30

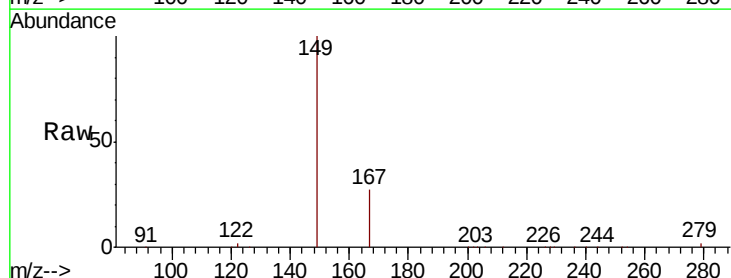
Tgt Ion:149 Resp: 185108

Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

279 5.4 4.2 6.4

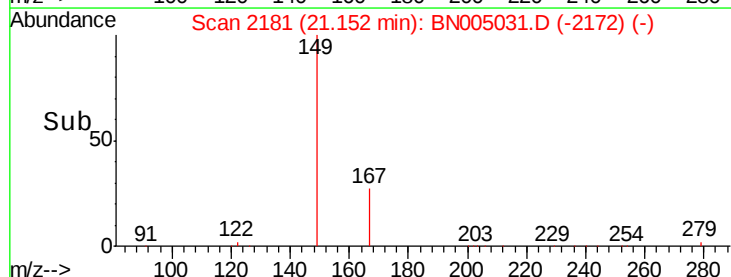
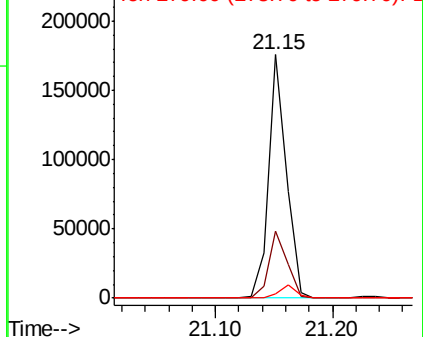


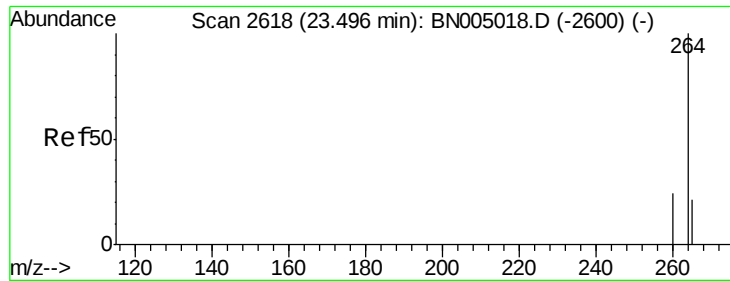
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

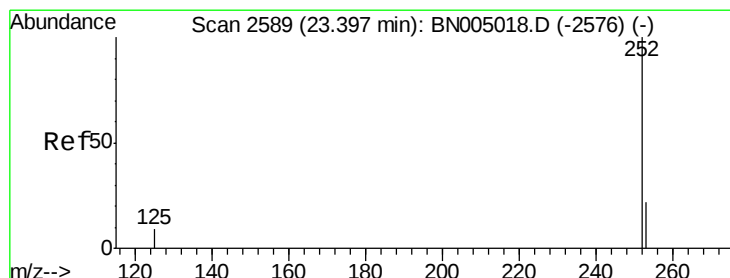
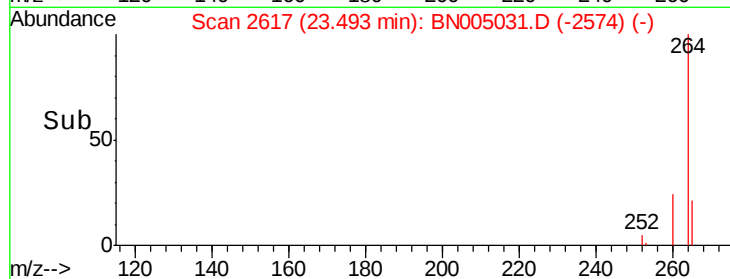
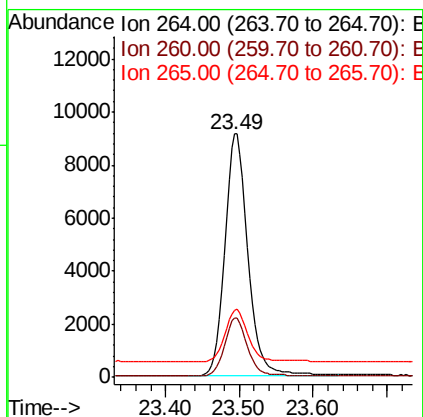
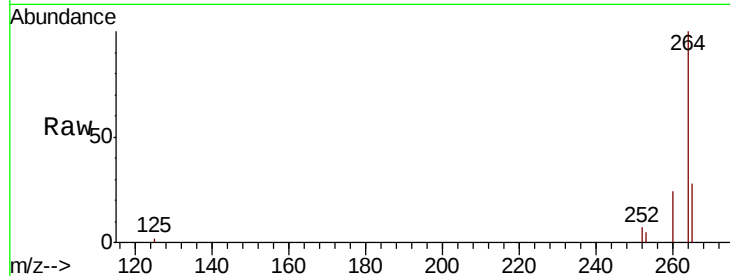




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2617
Delta R.T. -0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

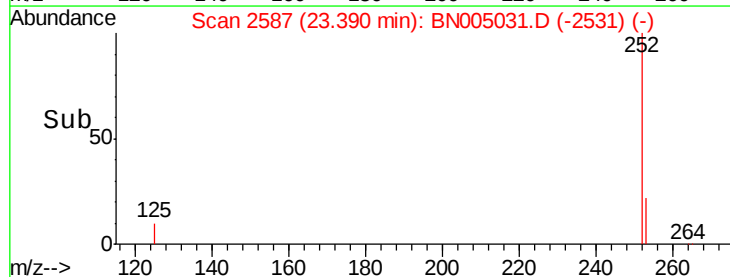
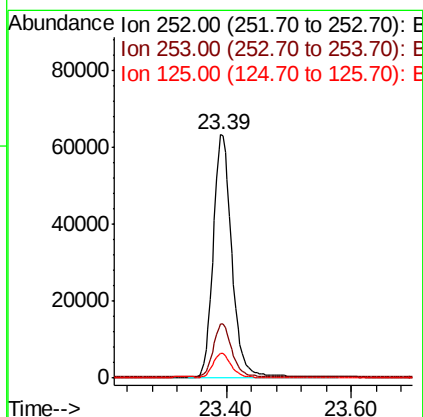
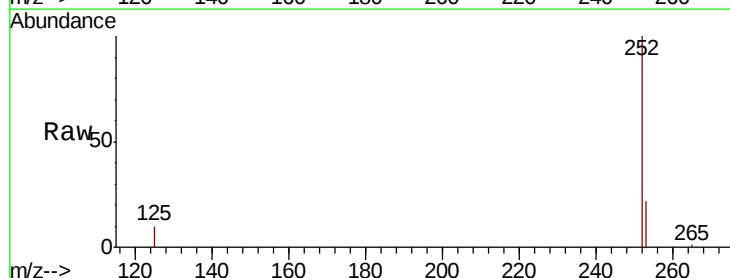
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

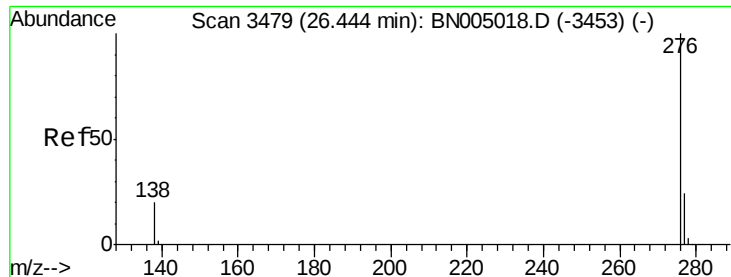
Tgt Ion:264 Resp: 19477
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.0
265 27.7 22.5 33.7



#37
Benzo(a)pyrene
Concen: 2.360 ng
RT: 23.39 min Scan# 2587
Delta R.T. -0.01 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Tgt Ion:252 Resp: 131013
Ion Ratio Lower Upper
252 100
253 22.3 20.2 30.2
125 10.3 9.2 13.8





#39

Benzo(g,h,i)perylene

Concen: 5.152 ng

RT: 26.42 min Scan# 3473

Delta R.T. -0.02 min

Lab File: BN005031.D

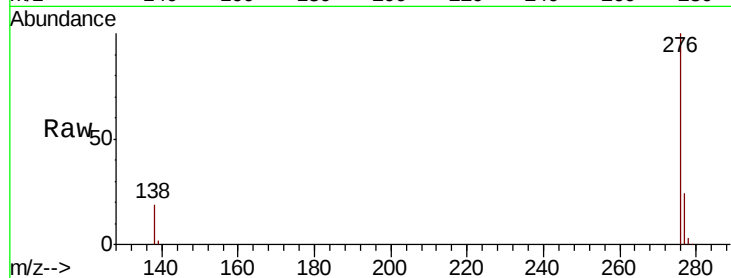
Acq: 29 Mar 2019 13:30

Instrument :

BNA_N

ClientSampleId :

PT-BN-WPDL



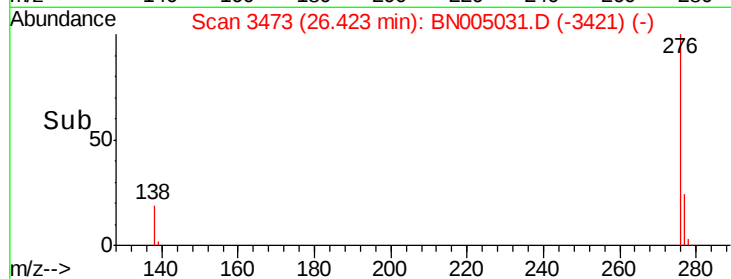
Tgt Ion: 276 Resp: 288245

Ion Ratio Lower Upper

276 100

277 23.8 19.8 29.6

138 19.2 16.4 24.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

