

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032919\
 Data File : BN005032.D
 Acq On : 29 Mar 2019 14:06
 Operator : JU/SJ
 Sample : PB117525BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB117525BL

Quant Time: Mar 30 00:23:22 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	2751	0.40	ng	0.00
7) Naphthalene-d8	10.45	136	10566	0.40	ng	0.01
13) Acenaphthene-d10	14.31	164	5971	0.40	ng	0.01
19) Phenanthrene-d10	17.07	188	15034	0.40	ng	0.01
27) Chrysene-d12	21.27	240	16175	0.40	ng	0.01
34) Perylene-d12	23.50	264	15261	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.26	112	2264	0.33	ng	0.00
5) Phenol-d6	6.86	99	2338	0.29	ng	0.02
8) Nitrobenzene-d5	8.86	82	1716	0.28	ng	0.03
11) 2-Methylnaphthalene-d10	12.06	152	5207	0.32	ng	0.02
14) 2,4,6-Tribromophenol	15.84	330	761	0.23	ng	0.02
15) 2-Fluorobiphenyl	12.94	172	7376	0.33	ng	0.02
25) Fluoranthene-d10	19.10	212	14444	0.34	ng	0.00
29) Terphenyl-d14	19.70	244	10445	0.31	ng	0.00

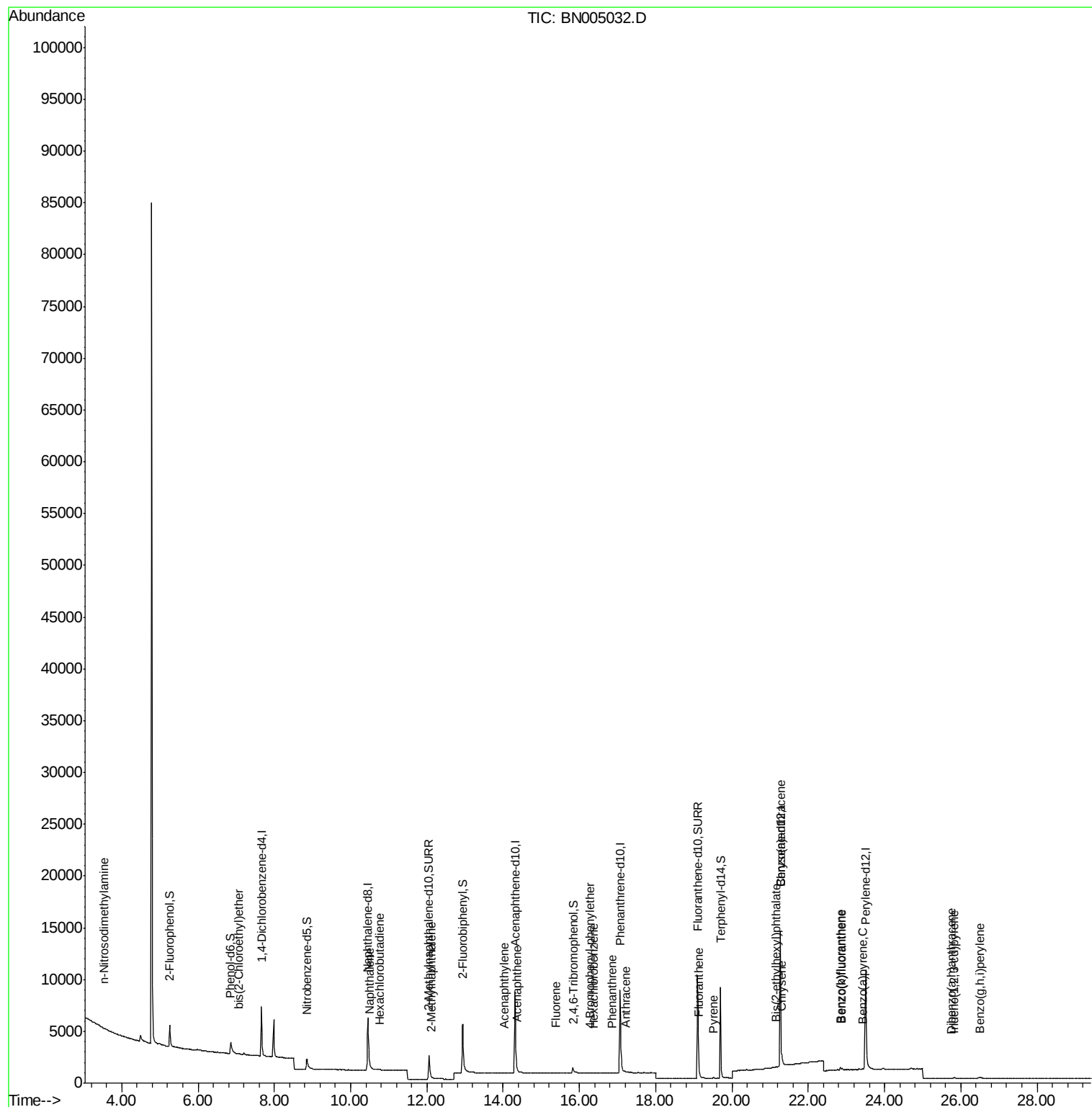
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.54	42	11	0.006	ng	# 11
6) bis(2-Chloroethyl)ether	7.08	93	3	0.000	ng	# 1
9) Naphthalene	10.49	128	19	0.001	ng	# 1
10) Hexachlorobutadiene	10.76	225	3	0.001	ng	# 18
12) 2-Methylnaphthalene	12.14	142	2	0.000	ng	# 53
16) Acenaphthylene	14.03	152	15	0.001	ng	# 78
17) Acenaphthene	14.35	154	12	0.001	ng	# 4
18) Fluorene	15.39	166	13	0.001	ng	# 78
20) 4-Bromophenyl-phenylether	16.27	248	4	0.000	ng	# 72
21) Hexachlorobenzene	16.37	284	4	0.000	ng	# 32
23) Phenanthrene	16.87	178	6	0.000	ng	# 96
24) Anthracene	17.23	178	14	0.000	ng	# 1
26) Fluoranthene	19.14	202	225	0.004	ng	# 89
28) Pyrene	19.51	202	144	0.003	ng	# 98
30) Benzo(a)anthracene	21.27	228	389	0.009	ng	# 60
31) Chrysene	21.31	228	740	0.015	ng	# 81
32) Bis(2-ethylhexyl)phthalate	21.15	149	101	0.005	ng	# 86
33) Indeno(1,2,3-cd)pyrene	25.82	276	86	0.002	ng	# 55
35) Benzo(b)fluoranthene	22.84	252	378	0.008	ng	# 1
36) Benzo(k)fluoranthene	22.88	252	346	0.007	ng	# 1
37) Benzo(a)pyrene	23.43	252	152	0.003	ng	# 1
38) Dibenzo(a,h)anthracene	25.76	278	2	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.49	276	302	0.007	ng	# 7

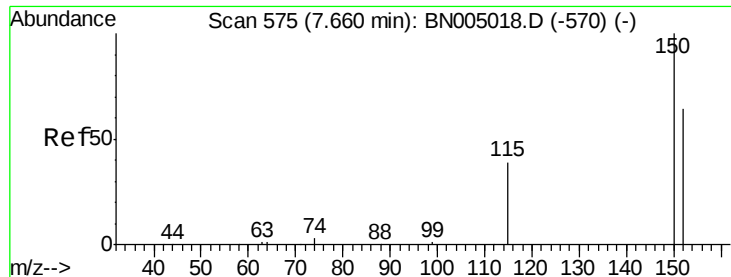
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032919\
Data File : BN005032.D
Acq On : 29 Mar 2019 14:06
Operator : JU/SJ
Sample : PB117525BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
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Quant Time: Mar 30 00:23:22 2019
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QLast Update : Fri Mar 29 03:42:17 2019
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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: BN005032.D

Acq: 29 Mar 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB117525BL

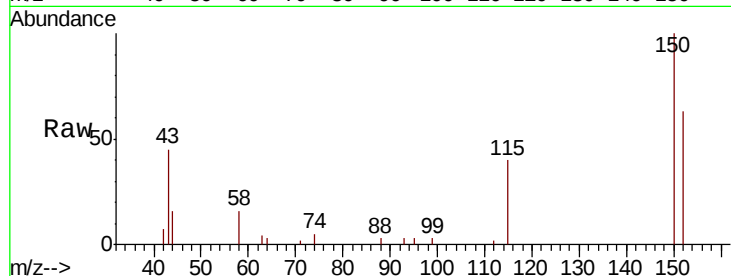
Tot Ion:152 Resp: 2751

Ion Ratio Lower Upper

152 100

150 158.0 123.4 185.2

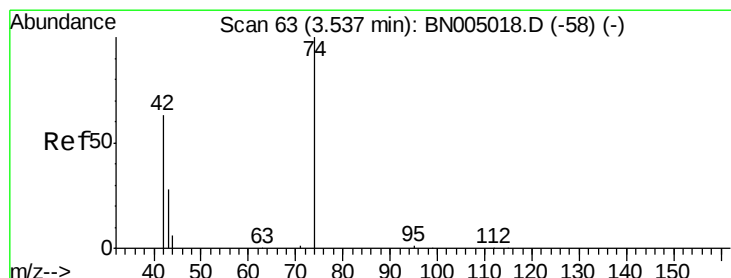
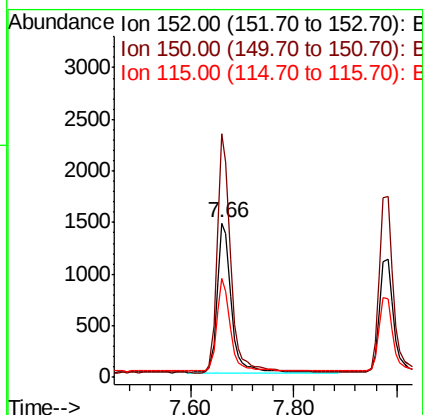
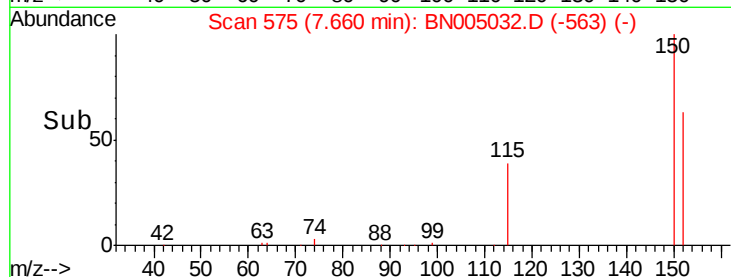
115 64.0 50.0 75.0



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: 0.006 ng

RT: 3.54 min Scan# 63

Delta R.T. 0.00 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

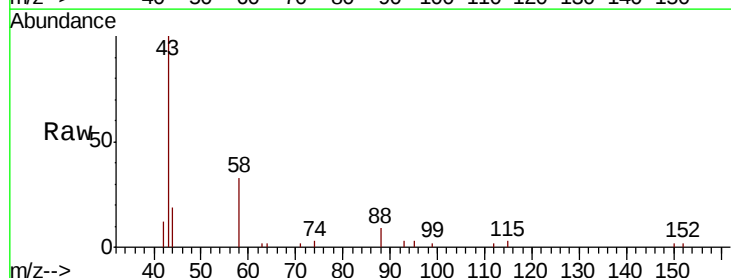
Tgt Ion: 42 Resp: 11

Ion Ratio Lower Upper

42 100

74 36.4 129.1 193.7#

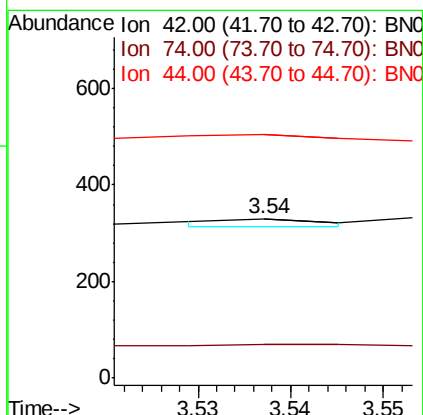
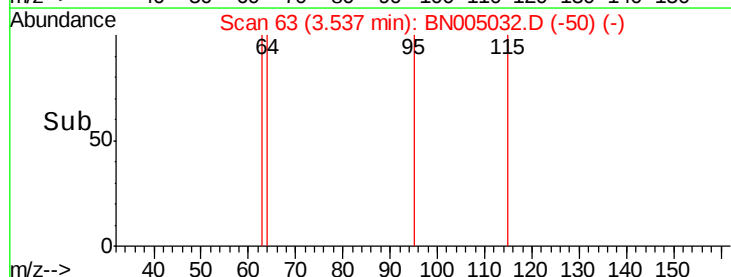
44 0.0 11.6 17.4#

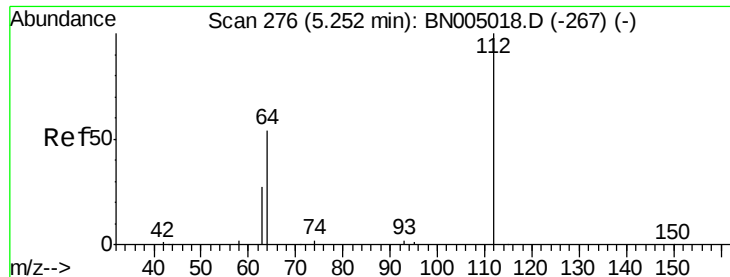


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.330 ng

RT: 5.26 min Scan# 277

Delta R.T. 0.01 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB117525BL

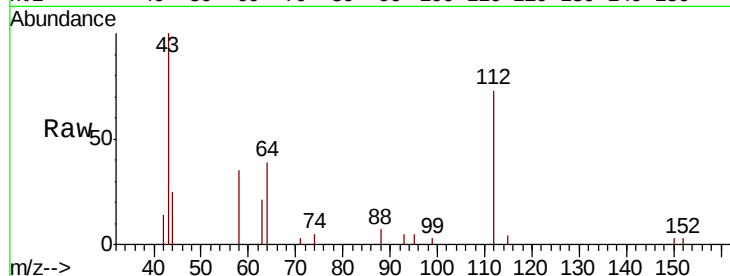
Tot Ion: 112 Resp: 2264

Ion Ratio Lower Upper

112 100

64 52.8 41.9 62.9

63 26.7 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

5.26

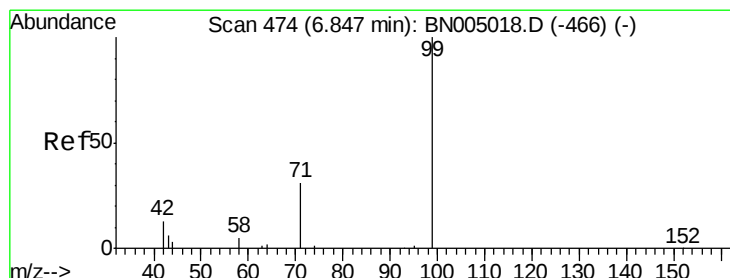
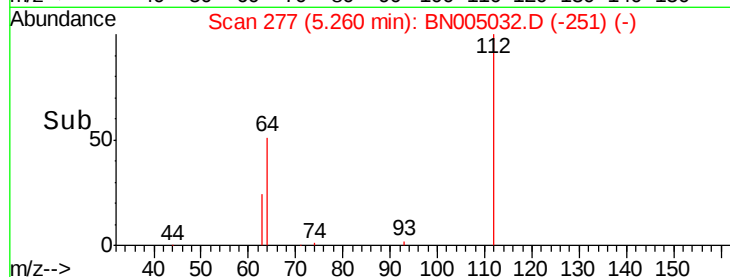
1000

500

0

Time-->

5.20 5.30 5.40



#5

Phenol-d6

Concen: 0.287 ng

RT: 6.86 min Scan# 476

Delta R.T. 0.02 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

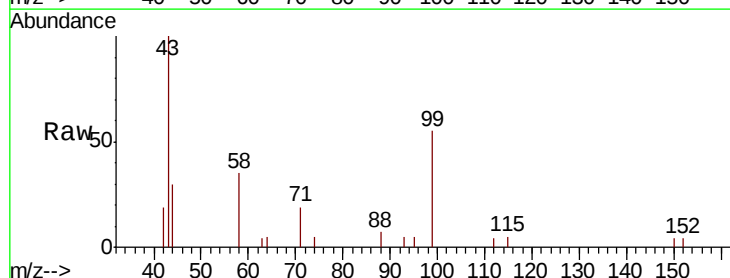
Tgt Ion: 99 Resp: 2338

Ion Ratio Lower Upper

99 100

42 14.6 12.2 18.2

71 32.5 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

6.86

800

600

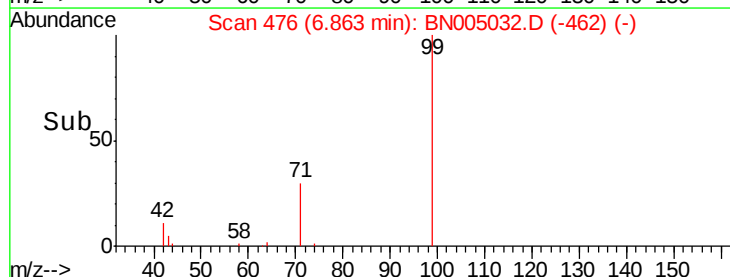
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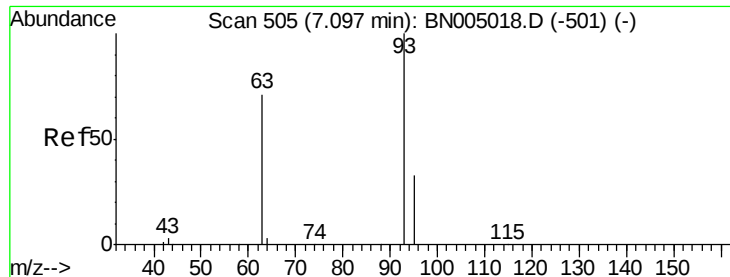
200

0

Time-->

6.70 6.80 6.90 7.00





#6

bis(2-Chloroethyl)ether

Concen: 0.000 ng

RT: 7.08 min Scan# 503

Delta R.T. -0.02 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB117525BL

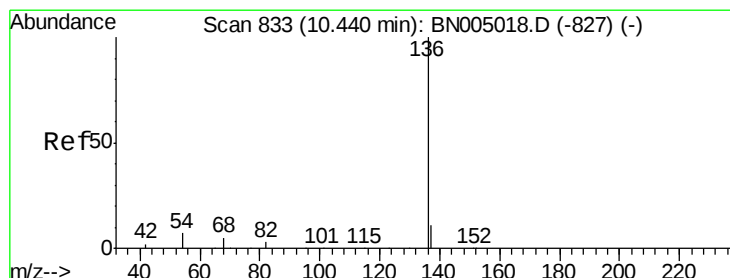
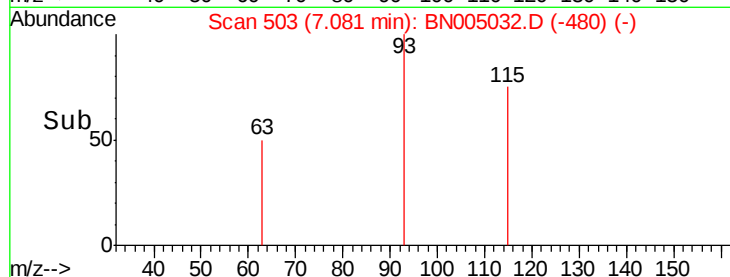
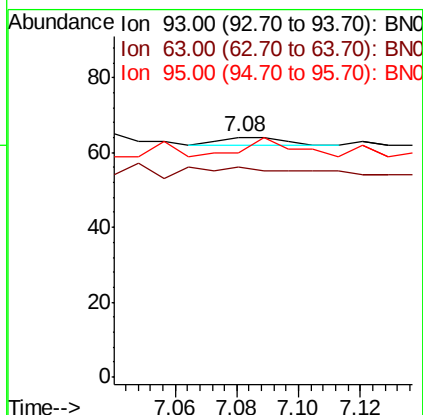
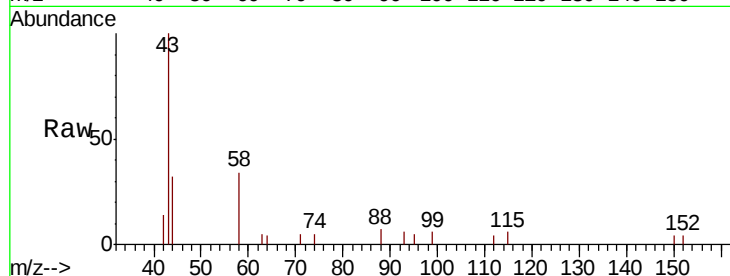
Tot Ion: 93 Resp: 3

Ion Ratio Lower Upper

93 100

63 0.0 51.8 77.6#

95 133.3 24.8 37.2#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 834

Delta R.T. 0.01 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

Tgt Ion: 136 Resp: 10566

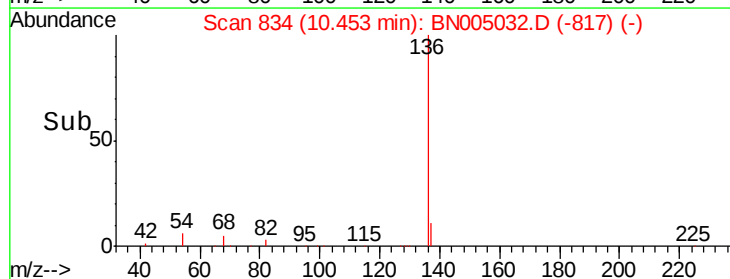
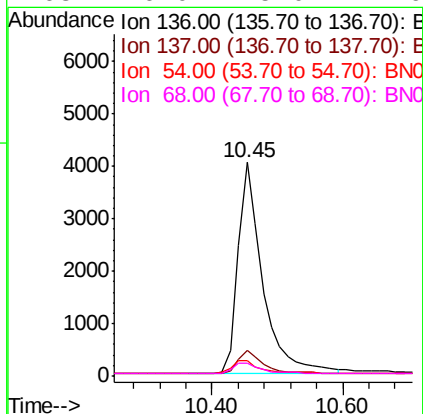
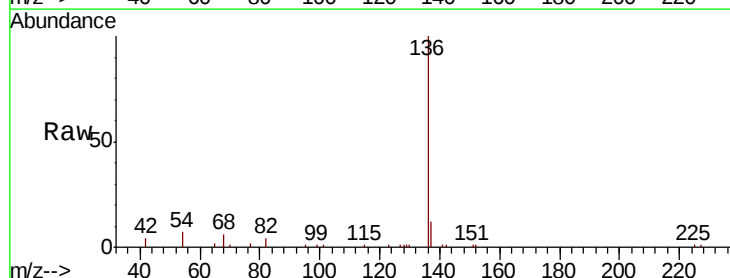
Ion Ratio Lower Upper

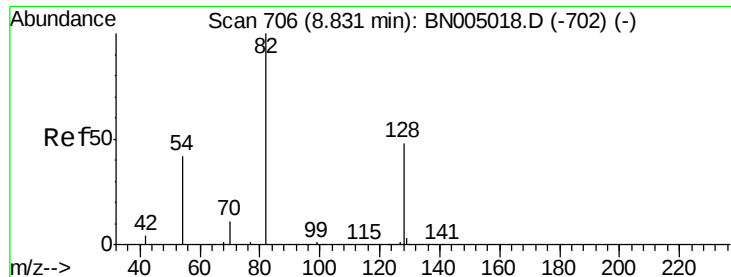
136 100

137 11.8 9.2 13.8

54 7.0 6.0 9.0

68 6.0 5.0 7.6





#8

Nitrobenzene-d5

Concen: 0.280 ng

RT: 8.86 min Scan# 708

Delta R.T. 0.03 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB117525BL

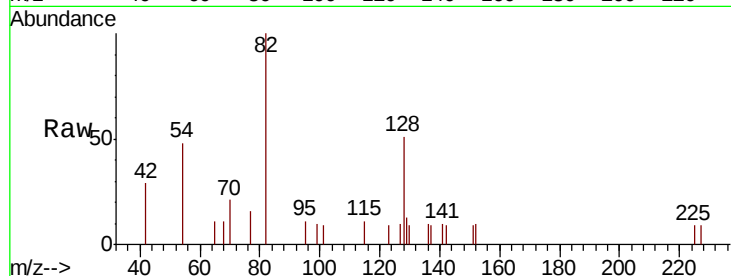
Tot Ion: 82 Resp: 1716

Ion Ratio Lower Upper

82 100

128 50.8 40.5 60.7

54 48.4 35.7 53.5



Abundance Ion 82.00 (81.70 to 82.70): BN005018.D (-702) (-)

Ion 128.00 (127.70 to 128.70): BN005018.D (-702) (-)

Ion 54.00 (53.70 to 54.70): BN005018.D (-702) (-)

8.86

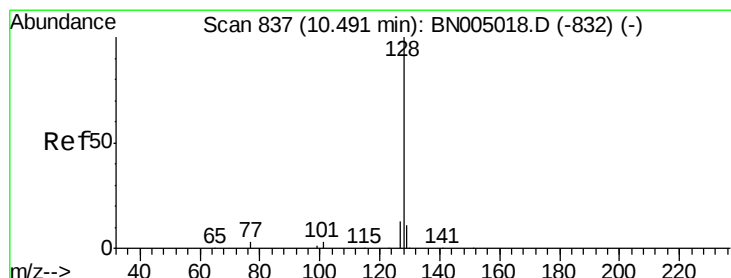
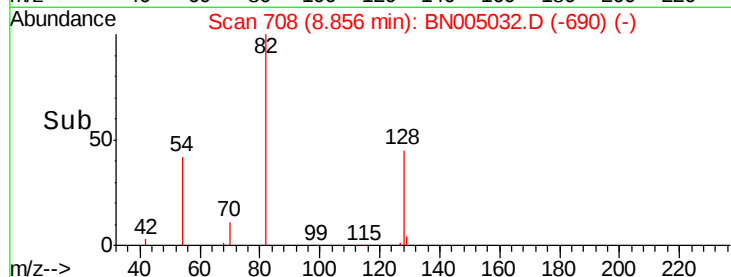
400

200

0

8.70 8.80 8.90 9.00

Time-->



#9

Naphthalene

Concen: 0.001 ng

RT: 10.49 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

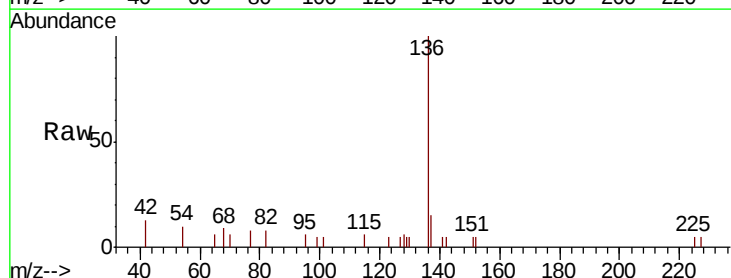
Tgt Ion: 128 Resp: 19

Ion Ratio Lower Upper

128 100

129 89.3 9.4 14.2#

127 83.9 11.0 16.6#



Abundance Ion 128.00 (127.70 to 128.70): BN005018.D (-832) (-)

Ion 129.00 (128.70 to 129.70): BN005018.D (-832) (-)

Ion 127.00 (126.70 to 127.70): BN005018.D (-832) (-)

10.49

60

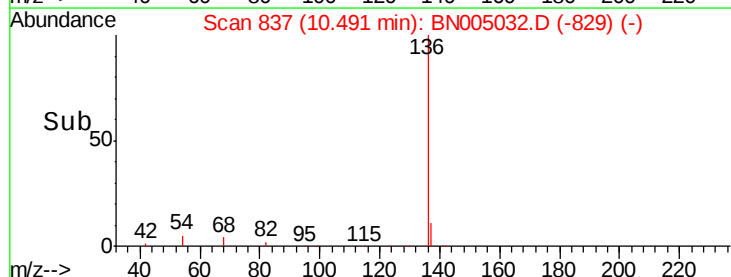
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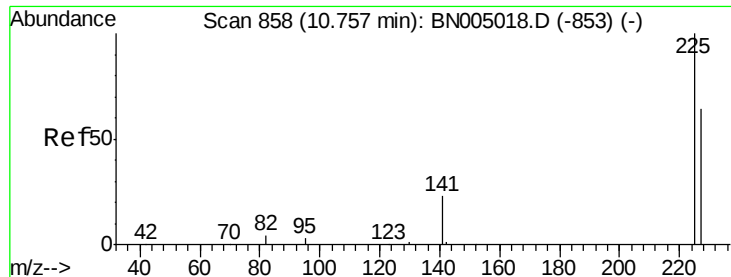
20

0

10.40 10.50 10.60

Time-->

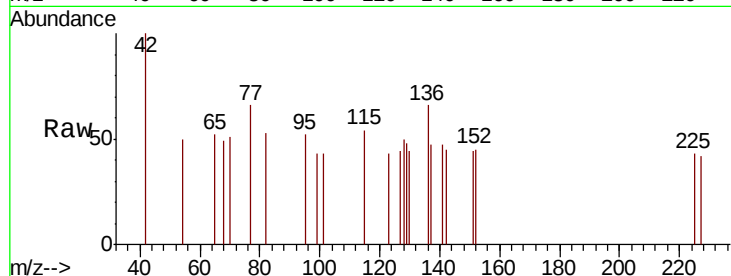




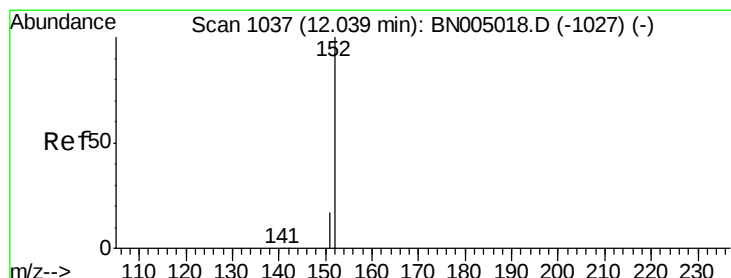
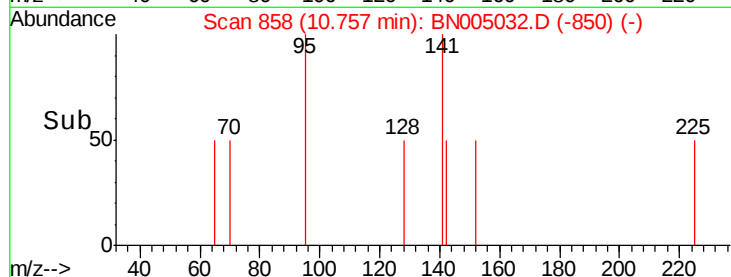
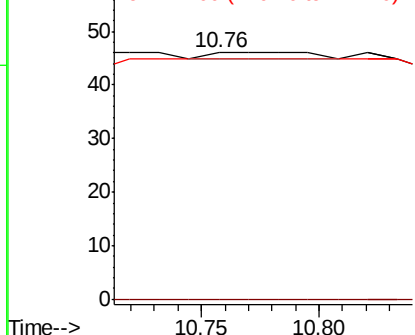
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.76 min Scan# 858
Delta R.T. 0.00 min
Lab File: BN005032.D
Acq: 29 Mar 2019 14:06

Instrument :
BNA_N
ClientSampleId :
PB117525BL

Tot Ion: 225 Resp: 3
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 0.0 51.5 77.3#

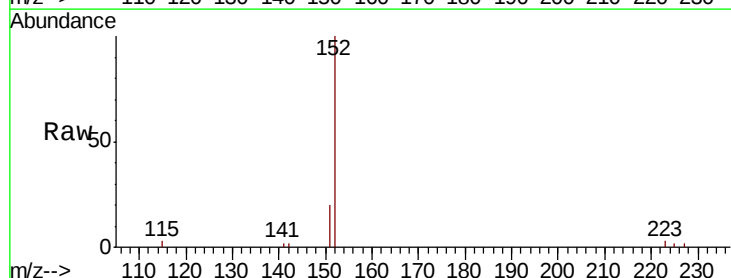


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

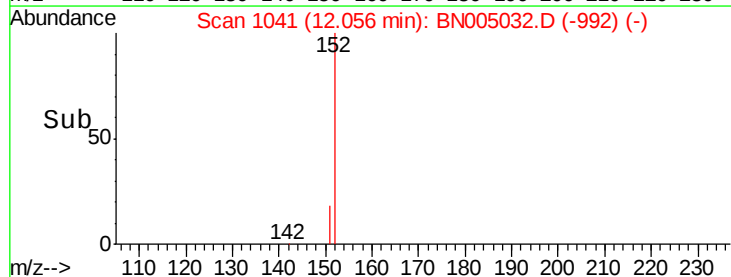
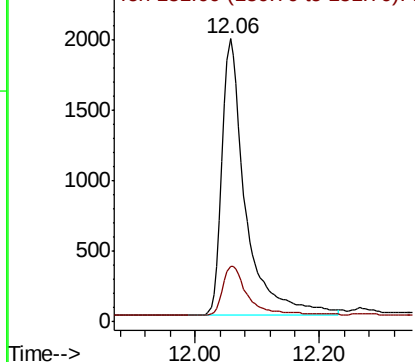


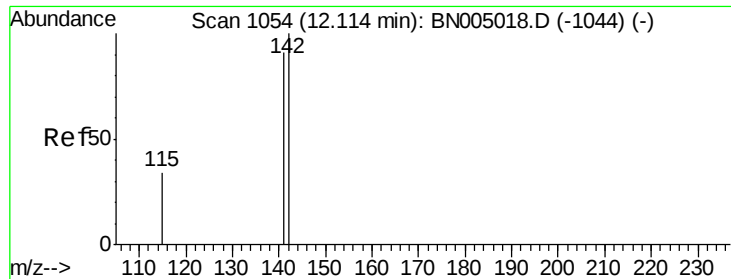
#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 12.06 min Scan# 1041
Delta R.T. 0.02 min
Lab File: BN005032.D
Acq: 29 Mar 2019 14:06

Tgt Ion: 152 Resp: 5207
Ion Ratio Lower Upper
152 100
151 19.5 15.3 22.9



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

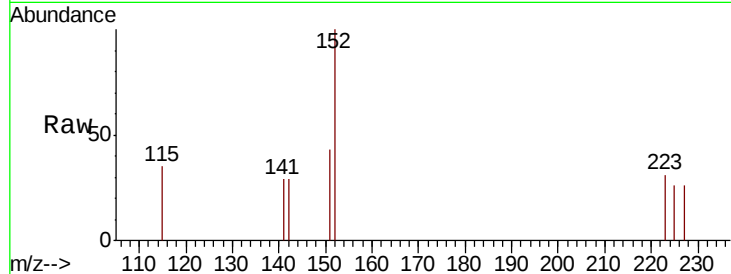




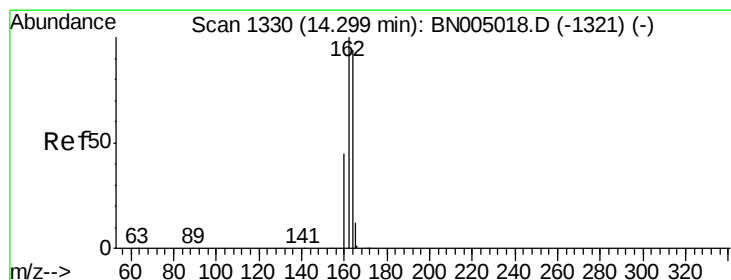
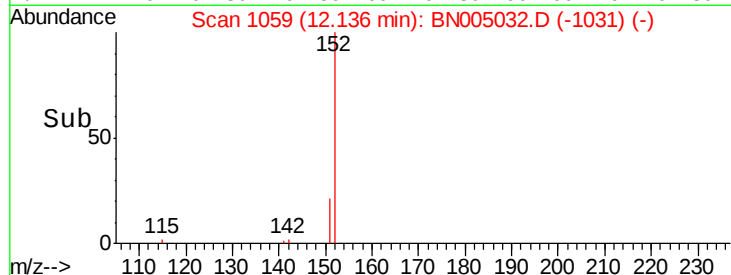
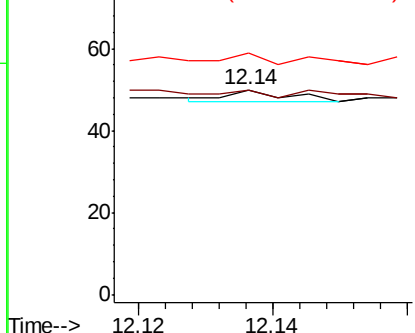
#12
2-Methylnaphthalene
Concen: 0.000 ng
RT: 12.14 min Scan# 1059
Delta R.T. 0.02 min
Lab File: BN005032.D
Acq: 29 Mar 2019 14:06

Instrument :
BNA_N
ClientSampleId :
PB117525BL

Tot Ion:142 Resp: 2
Ion Ratio Lower Upper
142 100
141 100.0 72.6 108.8
115 118.0 27.8 41.8#

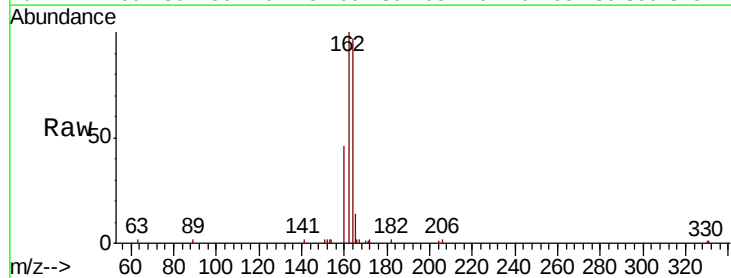


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

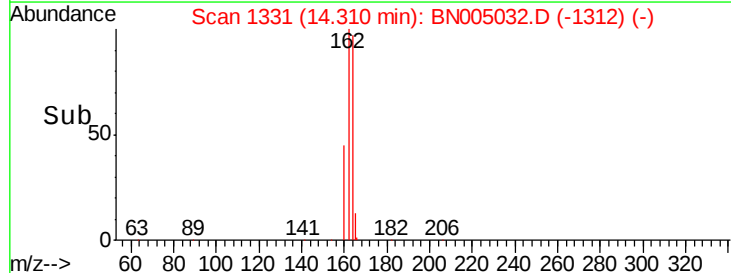
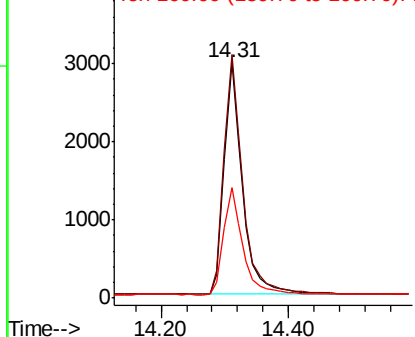


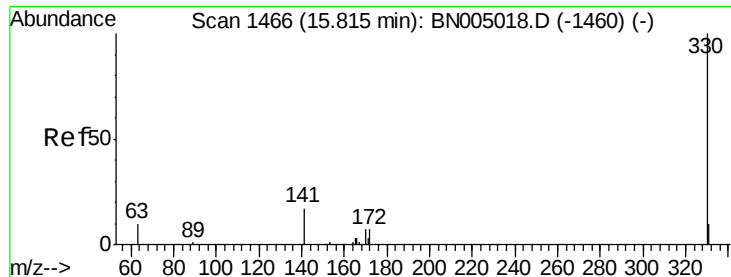
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BN005032.D
Acq: 29 Mar 2019 14:06

Tgt Ion:164 Resp: 5971
Ion Ratio Lower Upper
164 100
162 103.3 85.3 127.9
160 47.1 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

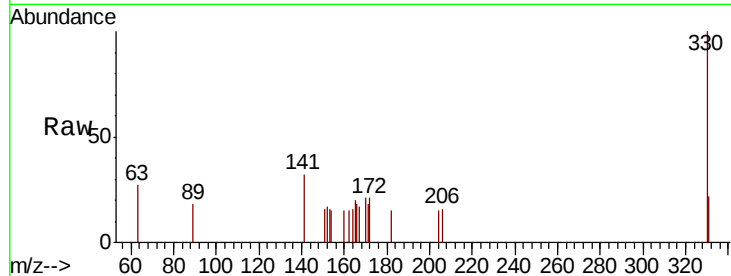




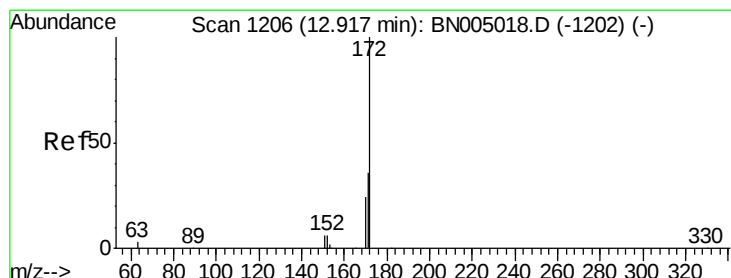
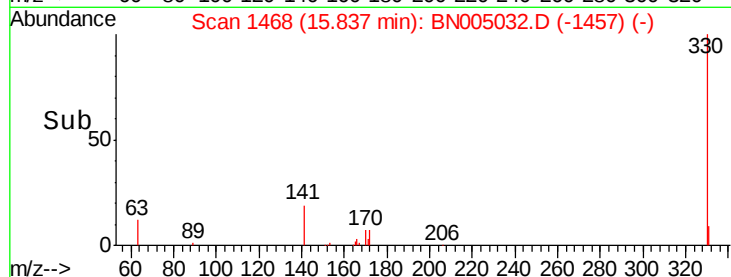
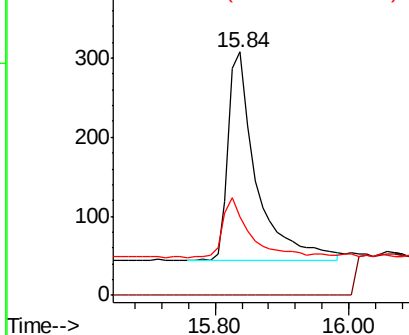
#14
 2,4,6-Tribromophenol
 Concen: 0.227 ng
 RT: 15.84 min Scan# 1468
 Delta R.T. 0.02 min
 Lab File: BN005032.D
 Acq: 29 Mar 2019 14:06

Instrument :
 BNA_N
 ClientSampleId :
 PB117525BL

Tot Ion:330 Resp: 761
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 28.4 21.3 31.9

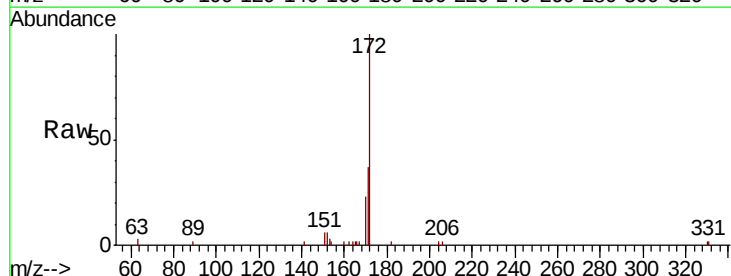


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

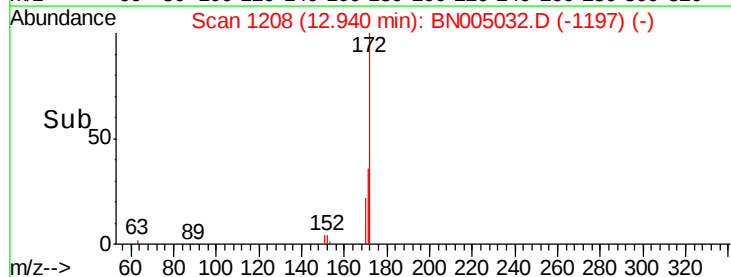
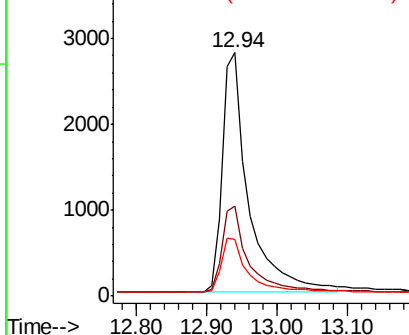


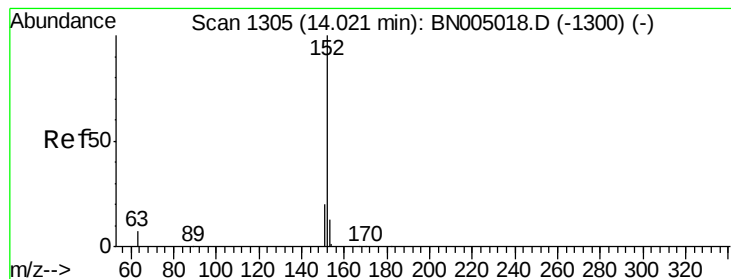
#15
 2-Fluorobiphenyl
 Concen: 0.327 ng
 RT: 12.94 min Scan# 1208
 Delta R.T. 0.02 min
 Lab File: BN005032.D
 Acq: 29 Mar 2019 14:06

Tgt Ion:172 Resp: 7376
 Ion Ratio Lower Upper
 172 100
 171 36.9 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: 0.001 ng

RT: 14.03 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB117525BL

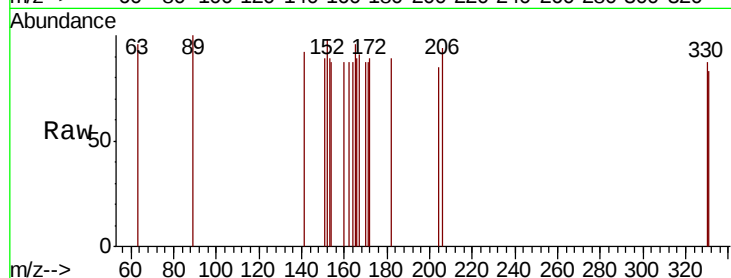
Tot Ion:152 Resp: 15

Ion Ratio Lower Upper

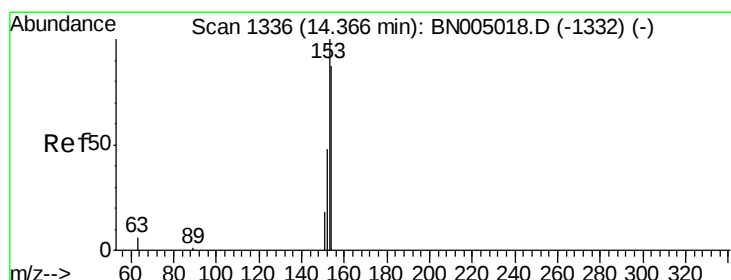
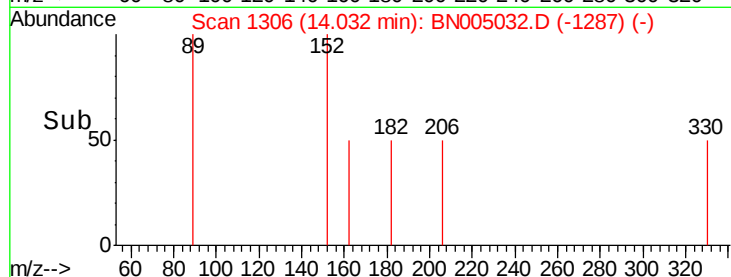
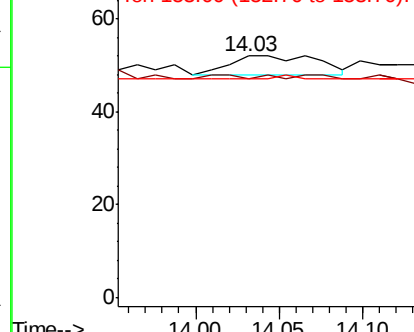
152 100

151 13.3 15.8 23.6#

153 0.0 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: 0.001 ng

RT: 14.35 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

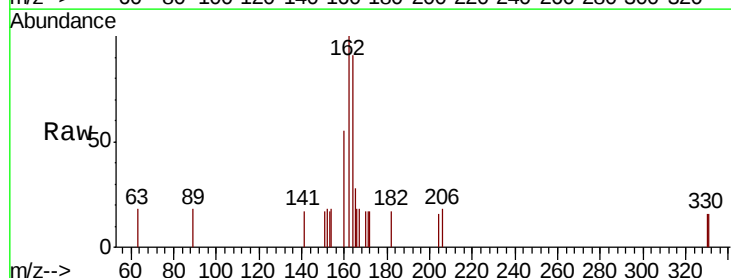
Tgt Ion:154 Resp: 12

Ion Ratio Lower Upper

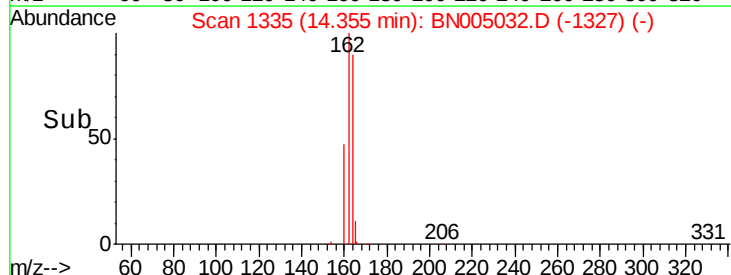
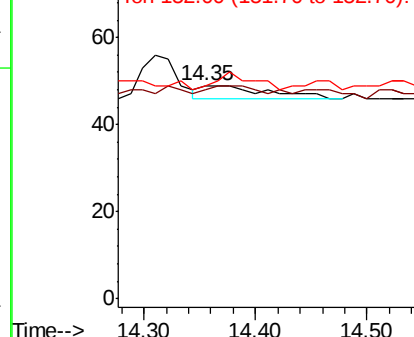
154 100

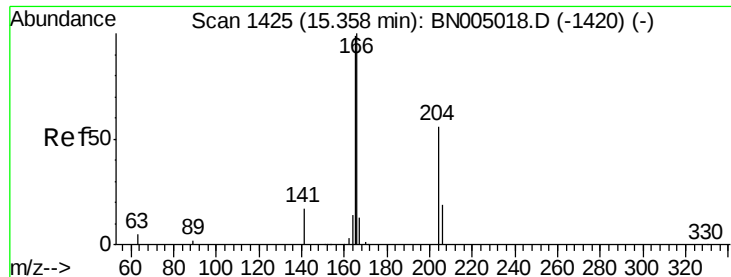
153 0.0 92.1 138.1#

152 0.0 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





#18

Fluorene

Concen: 0.001 ng

RT: 15.39 min Scan# 1428

Delta R.T. 0.03 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB117525BL

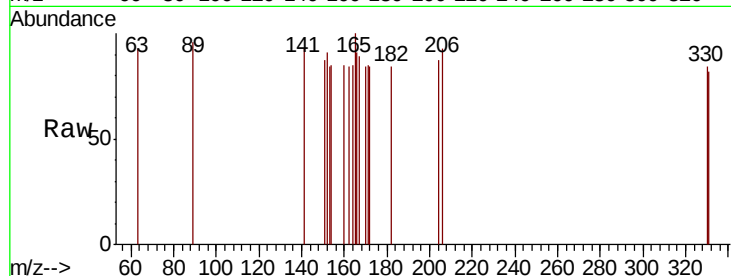
Tot Ion:166 Resp: 13

Ion Ratio Lower Upper

166 100

165 76.9 78.7 118.1#

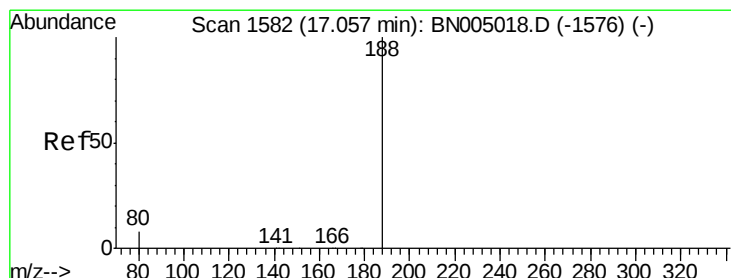
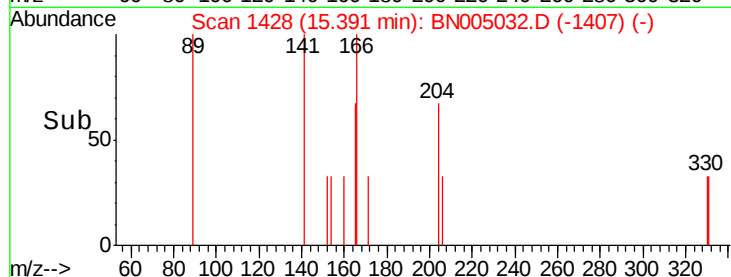
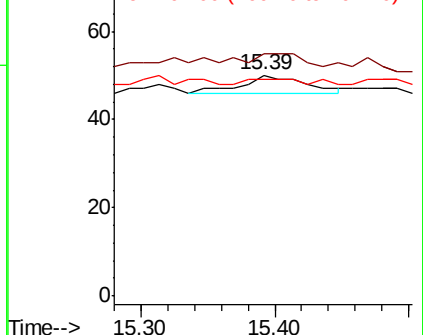
167 23.1 10.9 16.3#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.07 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

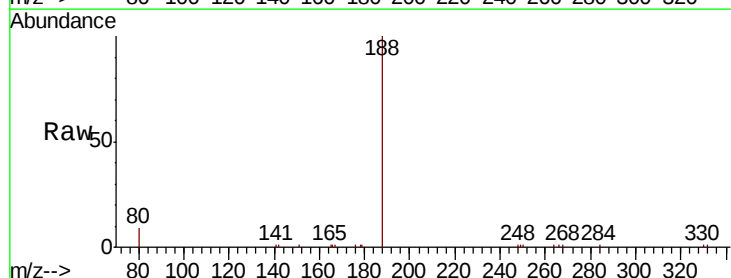
Tgt Ion:188 Resp: 15034

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

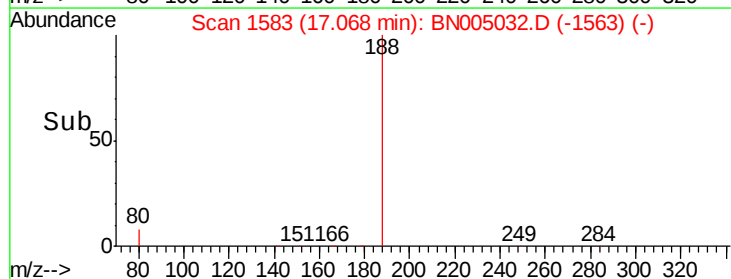
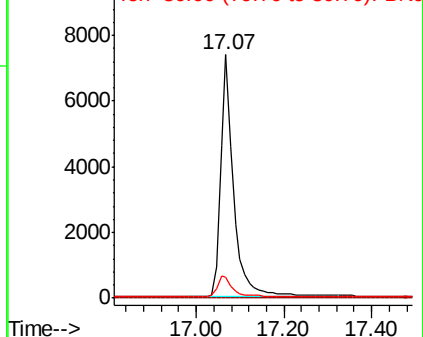
80 8.7 6.9 10.3

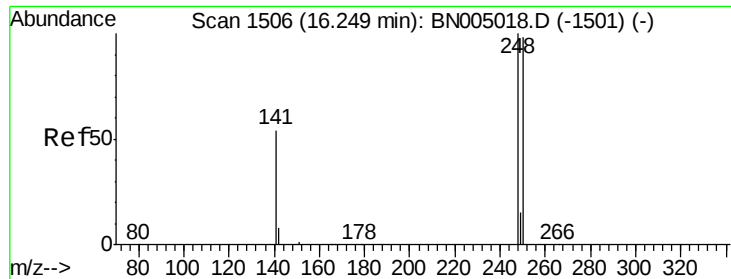


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

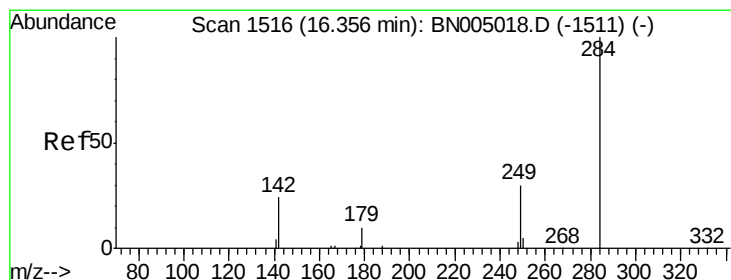
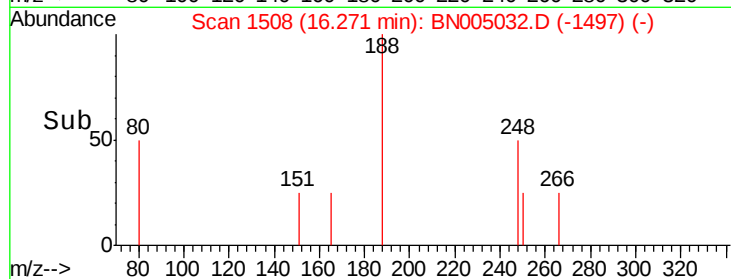
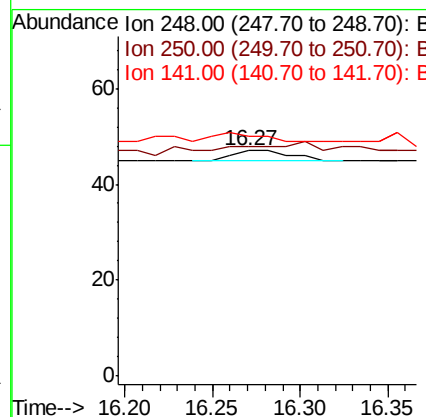
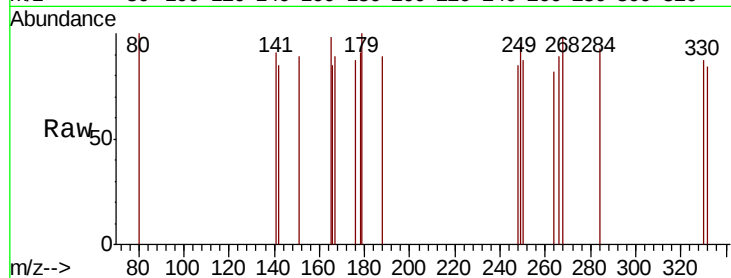




#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.27 min Scan# 1508
Delta R.T. 0.02 min
Lab File: BN005032.D
Acq: 29 Mar 2019 14:06

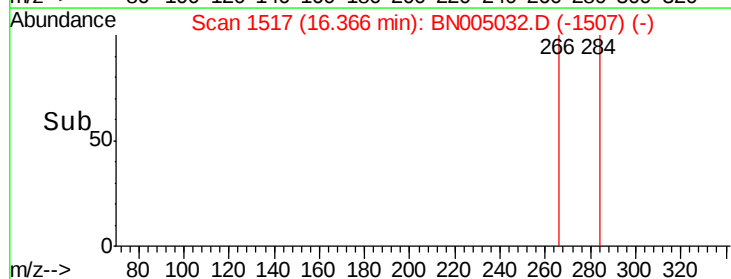
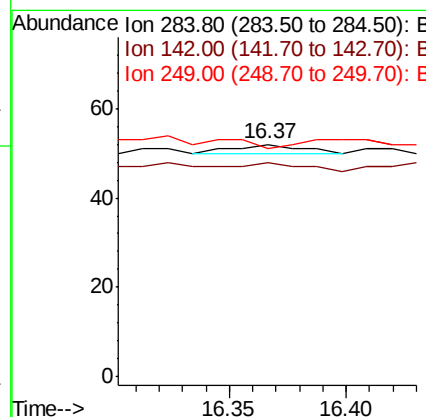
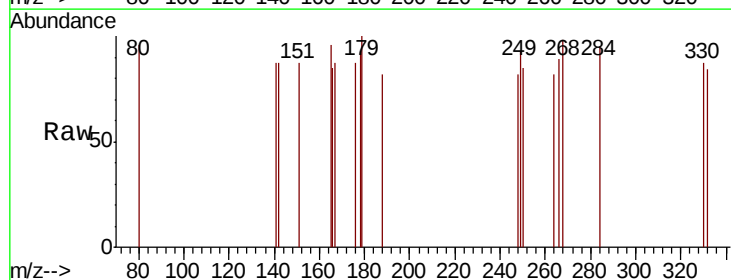
Instrument :
BNA_N
ClientSampleId :
PB117525BL

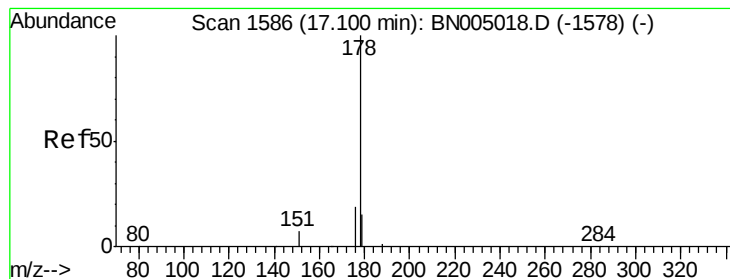
Tot Ion:248 Resp: 4
Ion Ratio Lower Upper
248 100
250 102.1 78.6 117.8
141 106.4 43.6 65.4#



#21
Hexachlorobenzene
Concen: 0.000 ng
RT: 16.37 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BN005032.D
Acq: 29 Mar 2019 14:06

Tgt Ion:284 Resp: 4
Ion Ratio Lower Upper
284 100
142 75.0 24.9 37.3#
249 0.0 23.8 35.6#





#23

Phenanthrene

Concen: 0.000 ng

RT: 16.87 min Scan# 1564

Delta R.T. -0.23 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB117525BL

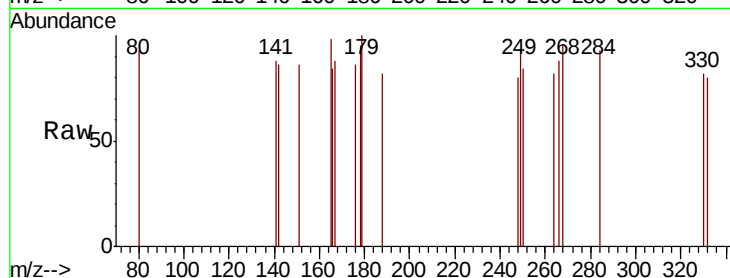
Tot Ion:178 Resp: 6

Ion Ratio Lower Upper

178 100

176 16.7 15.1 22.7

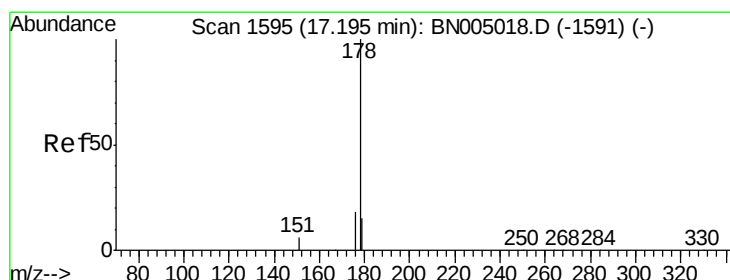
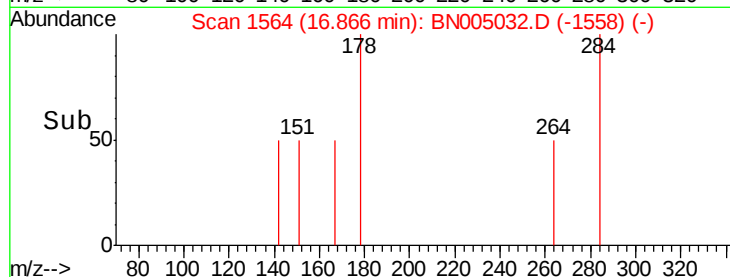
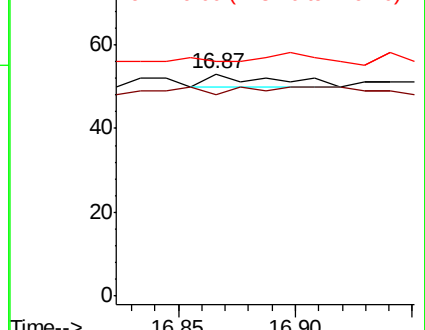
179 16.7 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.000 ng

RT: 17.23 min Scan# 1598

Delta R.T. 0.03 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

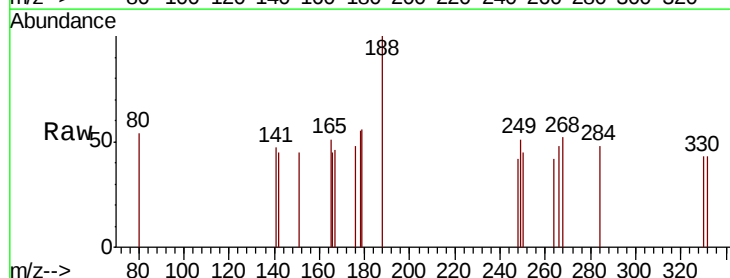
Tgt Ion:178 Resp: 14

Ion Ratio Lower Upper

178 100

176 85.7 14.6 22.0#

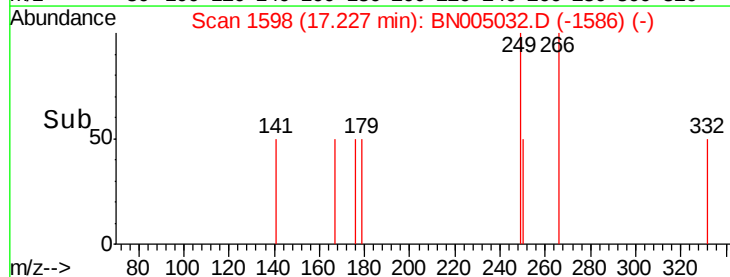
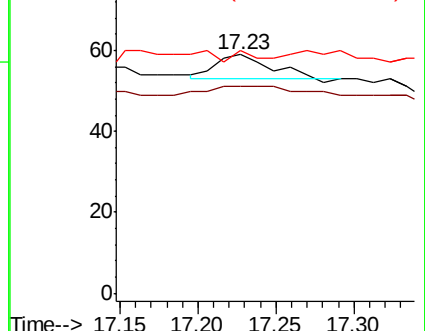
179 0.0 12.3 18.5#

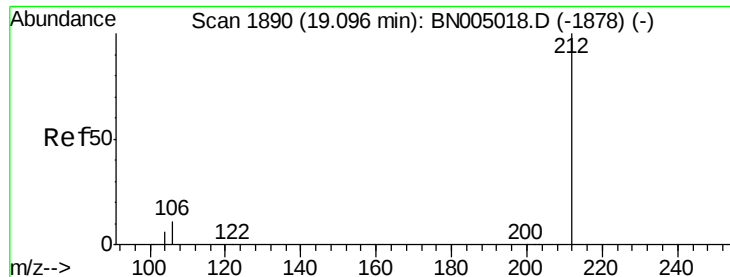


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.336 ng

RT: 19.10 min Scan# 1891

Delta R.T. 0.01 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB117525BL

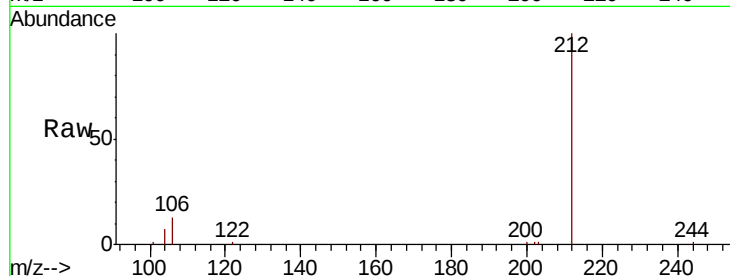
Tot Ion:212 Resp: 14444

Ion Ratio Lower Upper

212 100

106 11.7 9.4 14.2

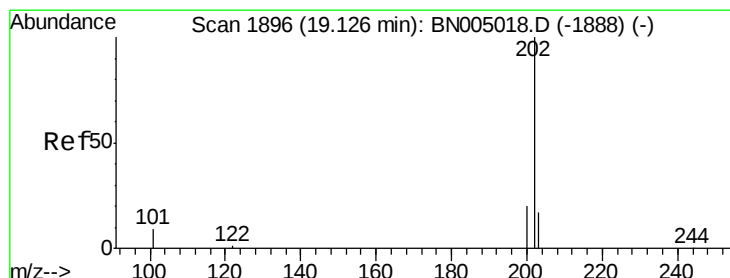
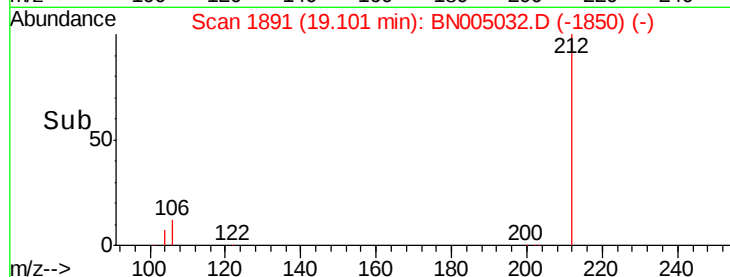
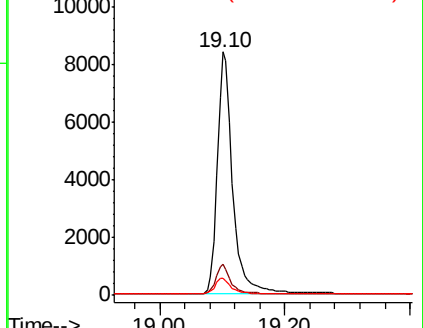
104 6.5 5.4 8.0



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



#26

Fluoranthene

Concen: 0.004 ng

RT: 19.14 min Scan# 1898

Delta R.T. 0.01 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

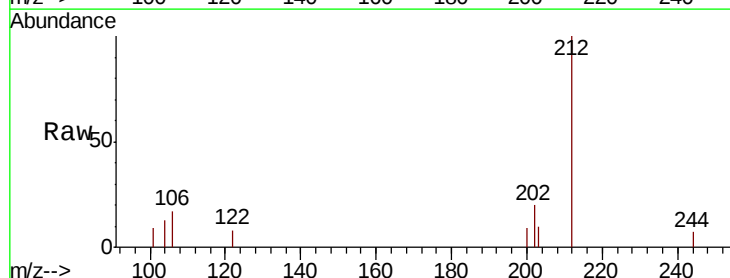
Tgt Ion:202 Resp: 225

Ion Ratio Lower Upper

202 100

101 7.6 8.2 12.2#

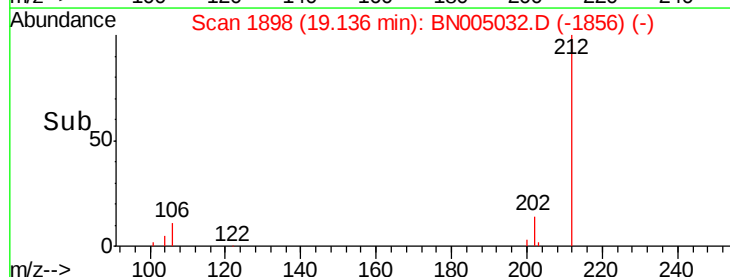
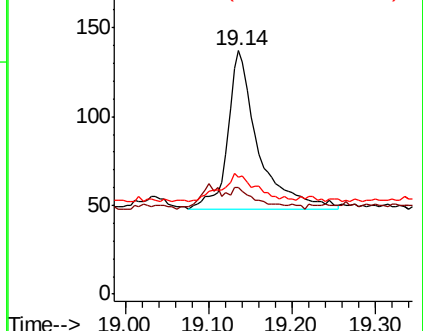
203 23.1 13.8 20.8#

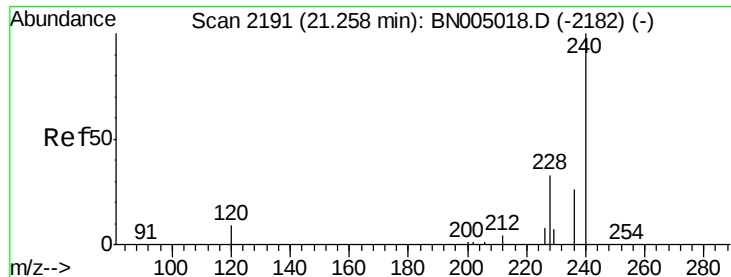


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

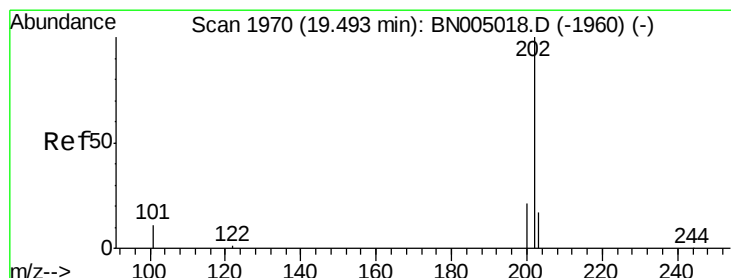
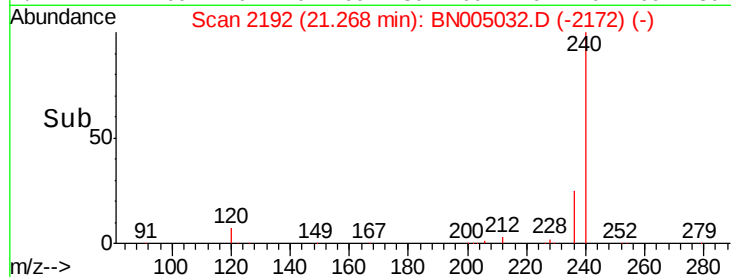
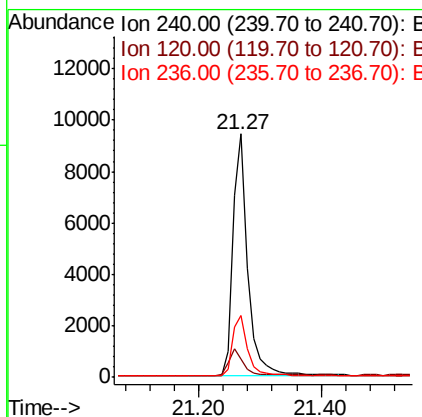
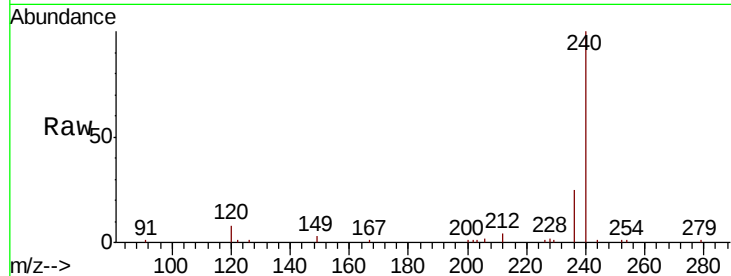




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 2192
 Delta R.T. 0.01 min
 Lab File: BN005032.D
 Acq: 29 Mar 2019 14:06

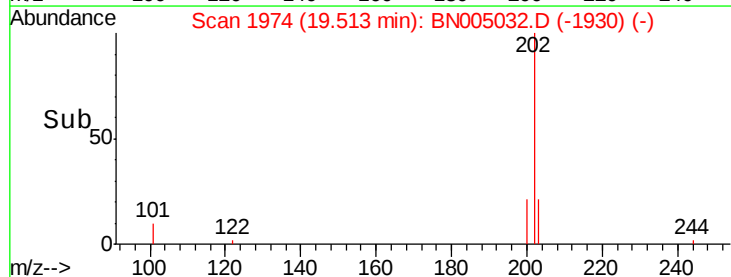
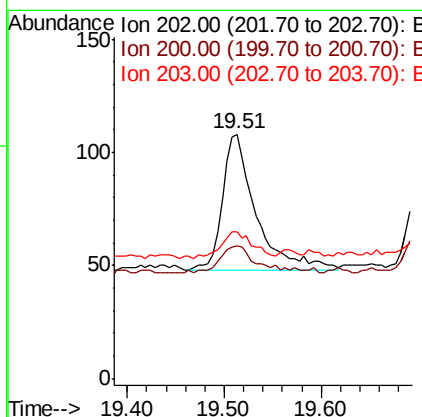
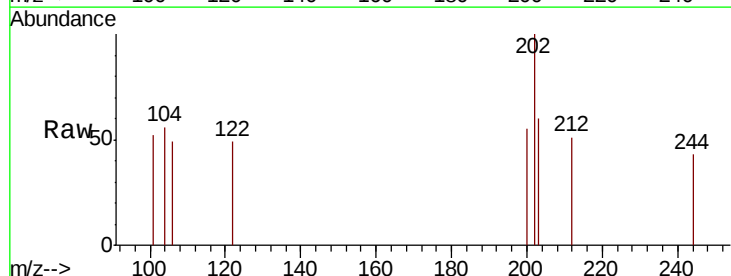
Instrument :
 BNA_N
 ClientSampleId :
 PB117525BL

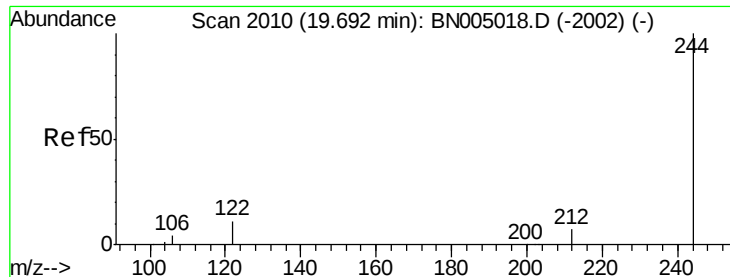
Tot Ion:240 Resp: 16175
 Ion Ratio Lower Upper
 240 100
 120 7.7 7.4 11.0
 236 25.4 21.0 31.6



#28
 Pyrene
 Concen: 0.003 ng
 RT: 19.51 min Scan# 1974
 Delta R.T. 0.02 min
 Lab File: BN005032.D
 Acq: 29 Mar 2019 14:06

Tgt Ion:202 Resp: 144
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.5 24.7
 203 19.4 13.9 20.9





#29

Terphenyl-d14

Concen: 0.314 ng

RT: 19.70 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB117525BL

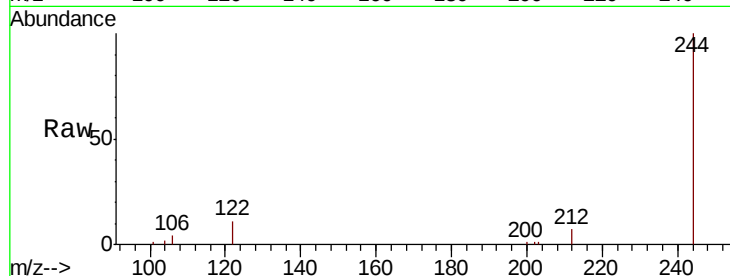
Tot Ion:244 Resp: 10445

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 10.8 9.0 13.4

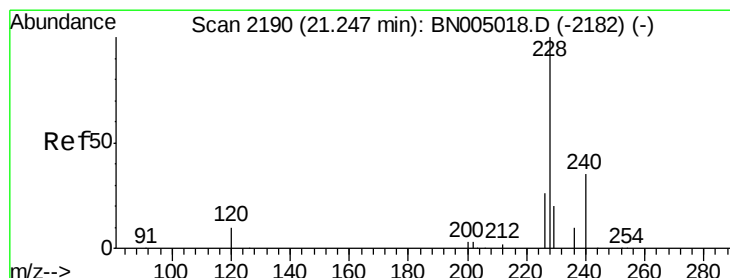
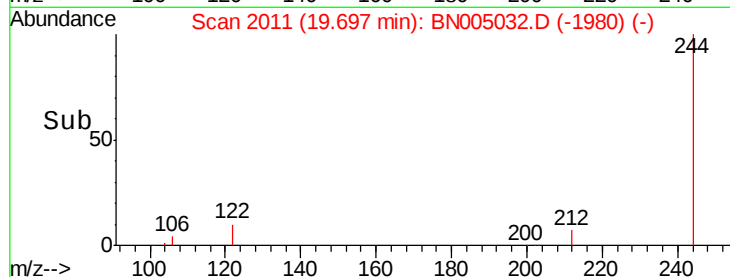
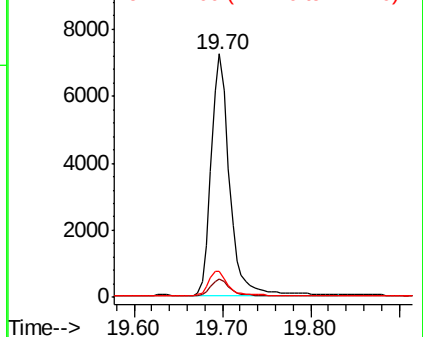


Abundance

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



#30

Benzo(a)anthracene

Concen: 0.009 ng

RT: 21.27 min Scan# 2192

Delta R.T. 0.02 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

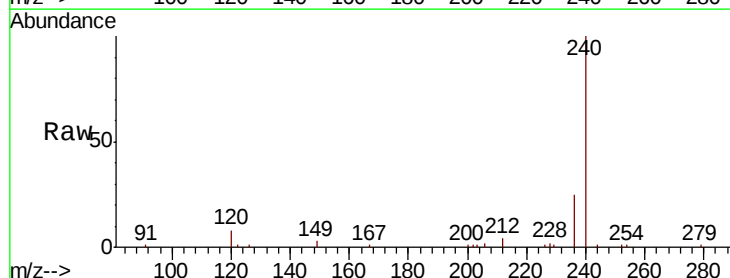
Tgt Ion:228 Resp: 389

Ion Ratio Lower Upper

228 100

226 44.8 20.9 31.3#

229 40.7 16.2 24.2#

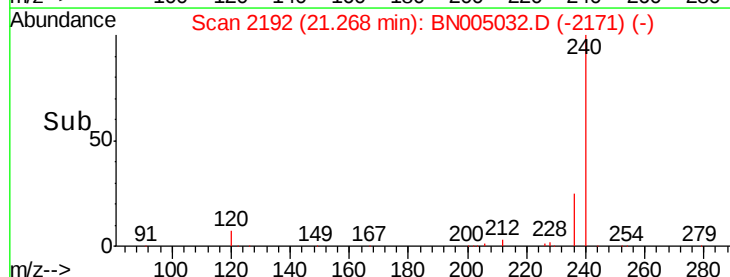
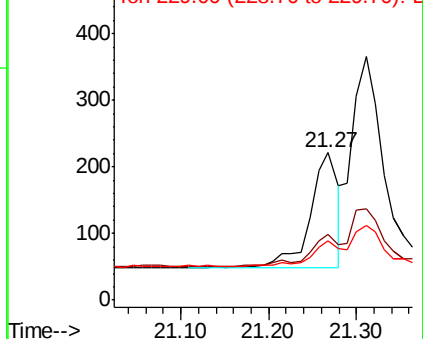


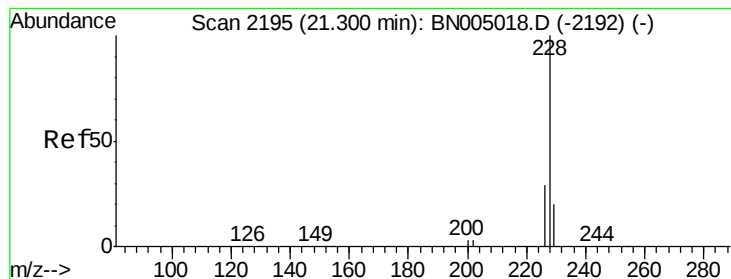
Abundance

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





#31

Chrysene

Concen: 0.015 ng

RT: 21.31 min Scan# 2196

Delta R.T. 0.01 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB117525BL

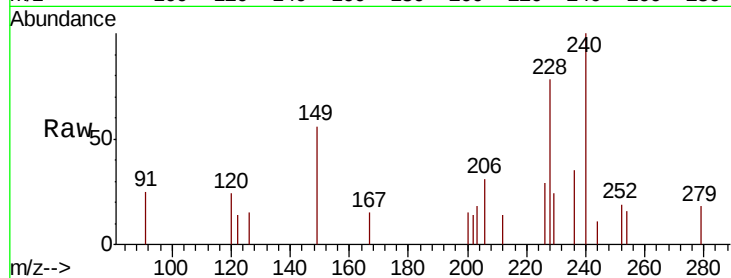
Tot Ion:228 Resp: 740

Ion Ratio Lower Upper

228 100

226 37.4 22.8 34.2#

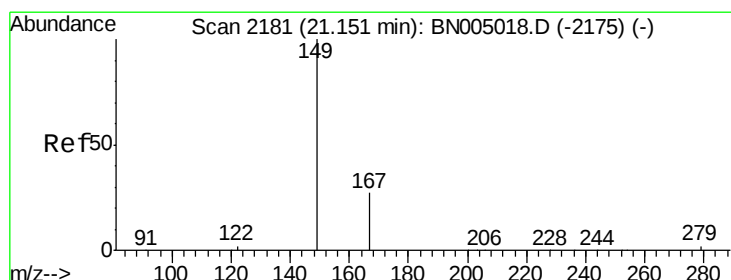
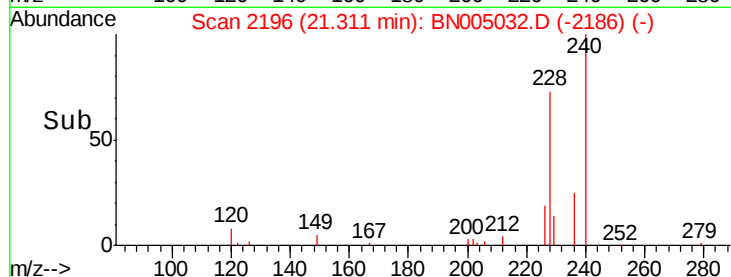
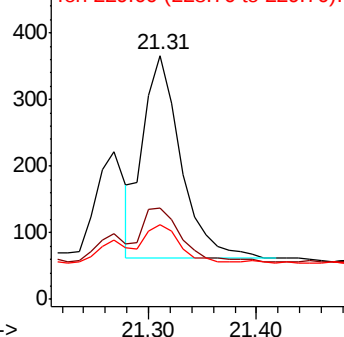
229 30.6 16.2 24.4#



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: 0.005 ng

RT: 21.15 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

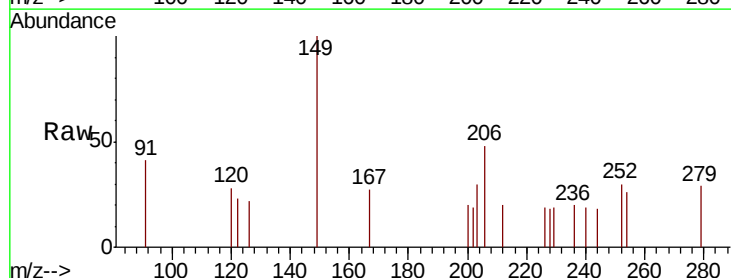
Tgt Ion:149 Resp: 101

Ion Ratio Lower Upper

149 100

167 30.7 22.2 33.4

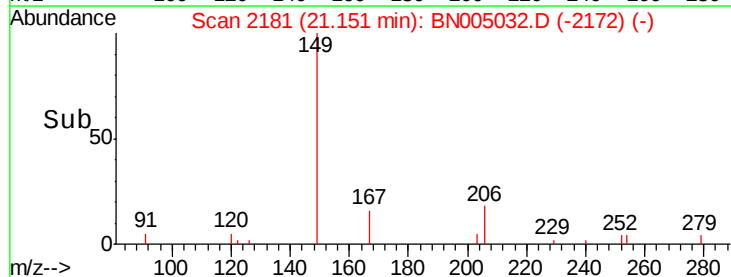
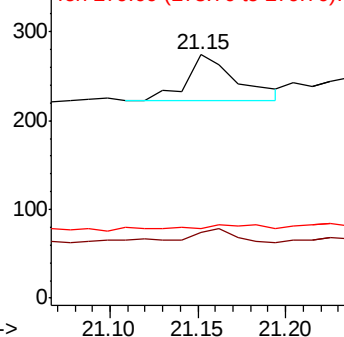
279 23.8 4.2 6.4#

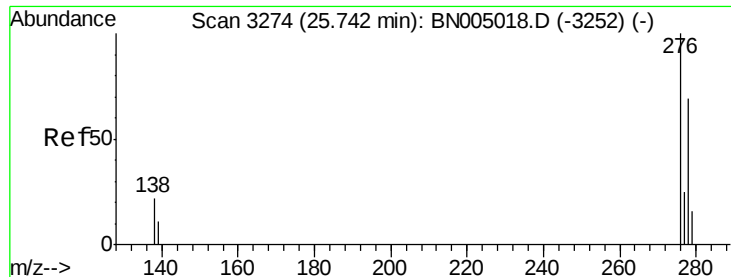


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 25.82 min Scan# 3297

Delta R.T. 0.08 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB117525BL

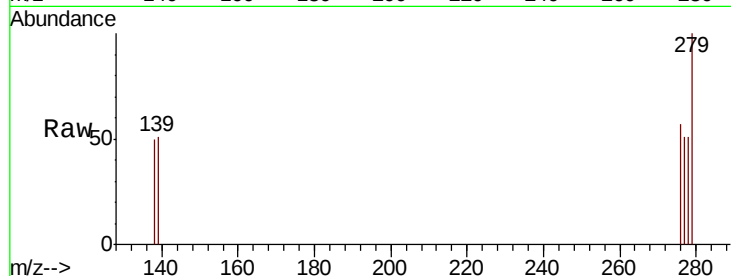
Tot Ion:276 Resp: 86

Ion Ratio Lower Upper

276 100

138 3.5 18.2 27.2#

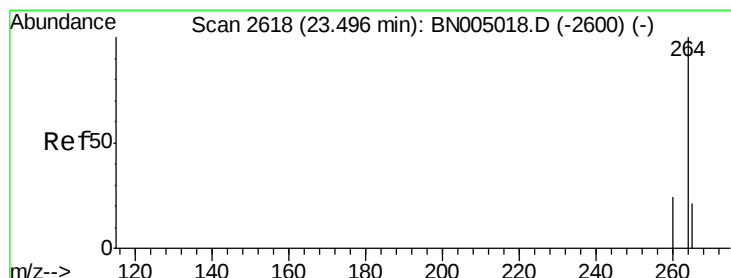
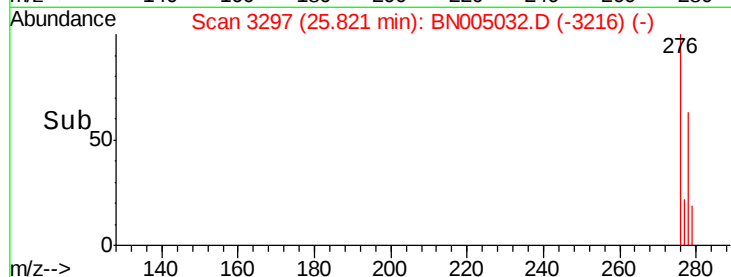
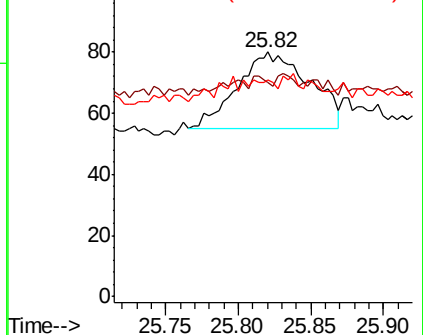
277 0.0 20.3 30.5#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.50 min Scan# 2620

Delta R.T. 0.01 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

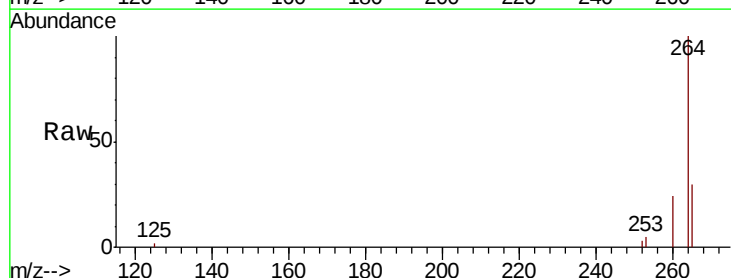
Tgt Ion:264 Resp: 15261

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

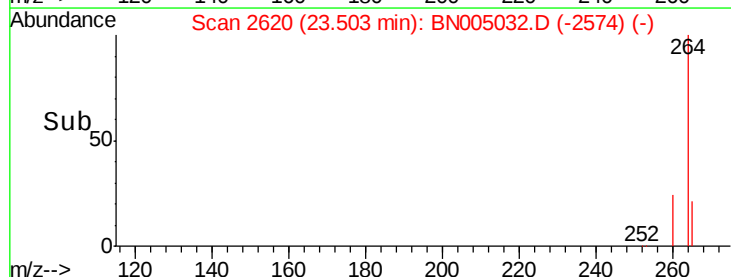
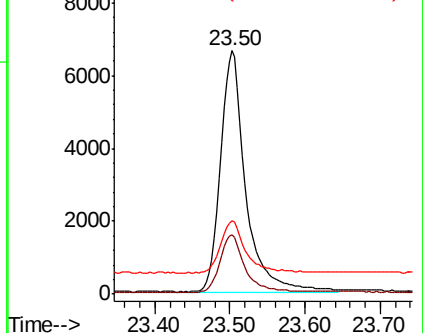
265 30.0 22.5 33.7

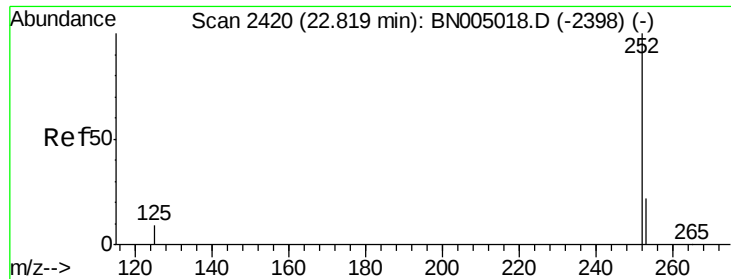


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

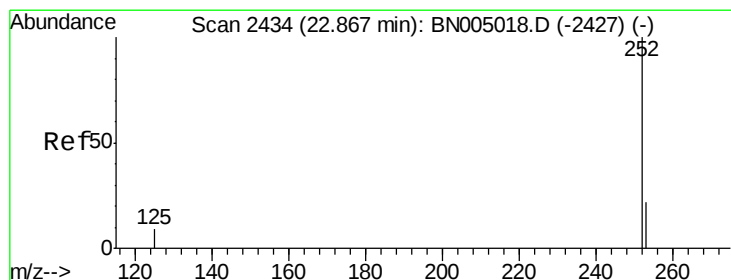
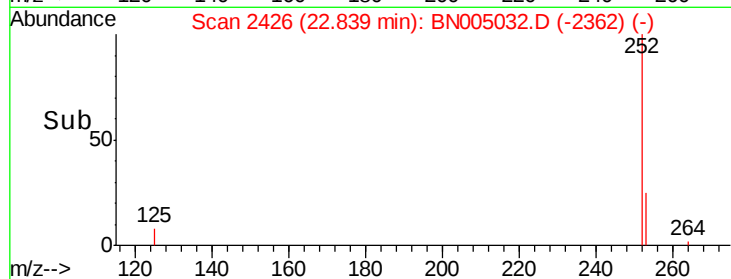
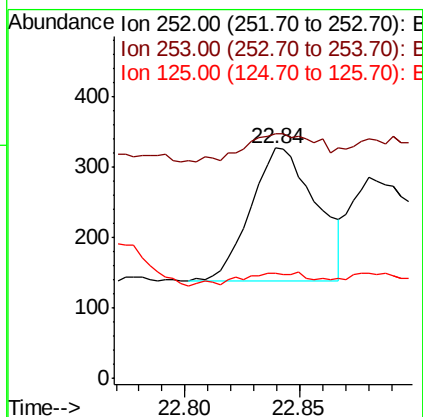
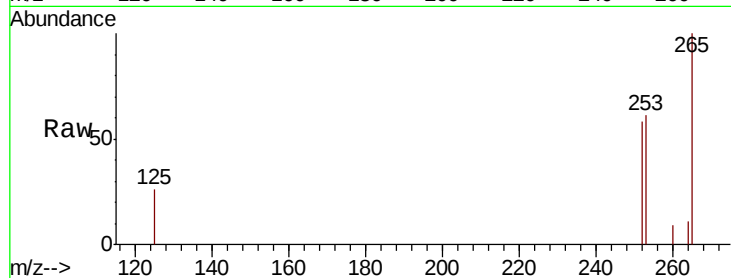




#35
Benzo(b)fluoranthene
Concen: 0.008 ng
RT: 22.84 min Scan# 2426
Delta R.T. 0.02 min
Lab File: BN005032.D
Acq: 29 Mar 2019 14:06

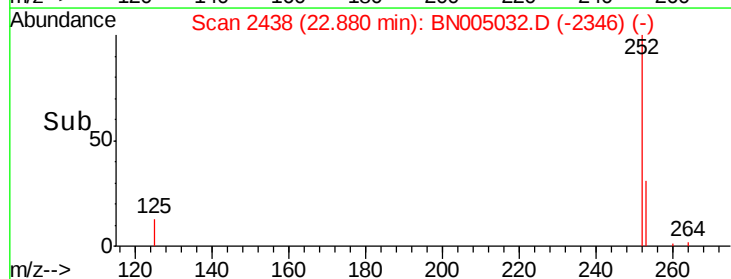
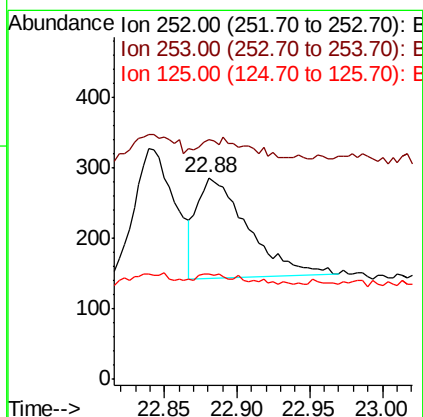
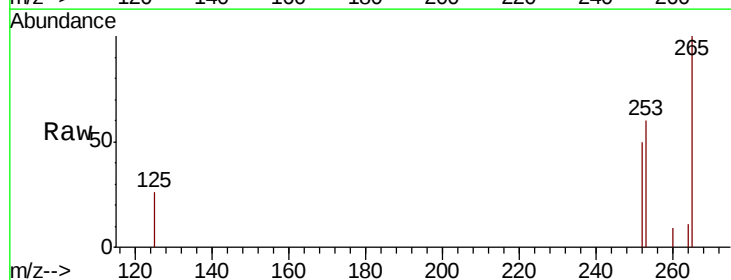
Instrument :
BNA_N
ClientSampleId :
PB117525BL

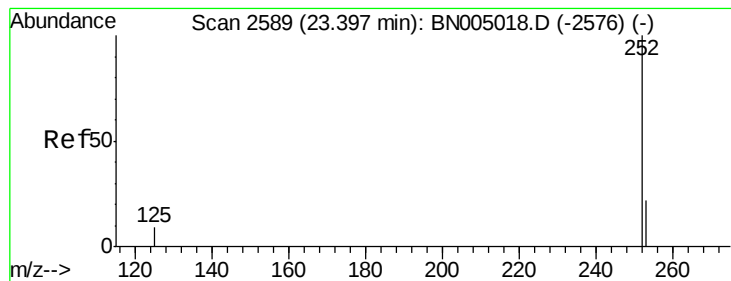
Tot Ion:252 Resp: 378
Ion Ratio Lower Upper
252 100
253 106.1 19.2 28.8#
125 45.6 8.2 12.2#



#36
Benzo(k)fluoranthene
Concen: 0.007 ng
RT: 22.88 min Scan# 2438
Delta R.T. 0.01 min
Lab File: BN005032.D
Acq: 29 Mar 2019 14:06

Tgt Ion:252 Resp: 346
Ion Ratio Lower Upper
252 100
253 119.2 19.3 28.9#
125 51.7 8.2 12.2#





#37

Benzo(a)pyrene

Concen: 0.003 ng

RT: 23.43 min Scan# 2598

Delta R.T. 0.03 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB117525BL

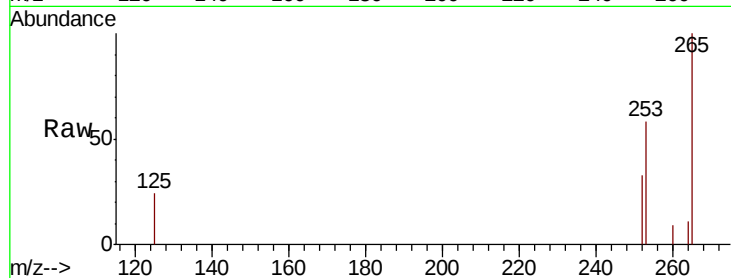
Tot Ion:252 Resp: 152

Ion Ratio Lower Upper

252 100

253 179.2 20.2 30.2#

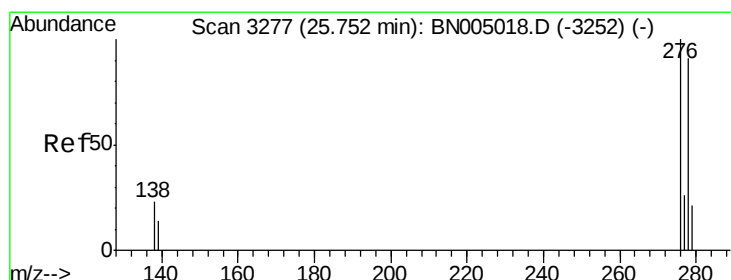
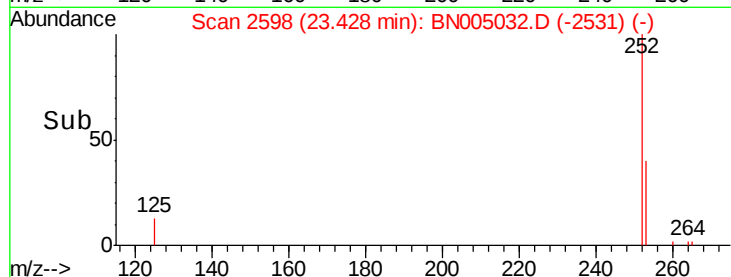
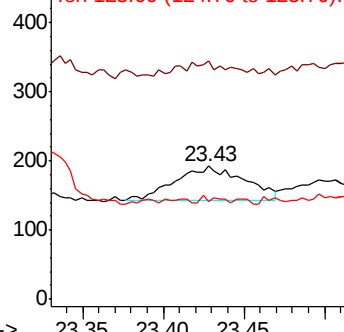
125 73.4 9.2 13.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 25.76 min Scan# 3279

Delta R.T. 0.01 min

Lab File: BN005032.D

Acq: 29 Mar 2019 14:06

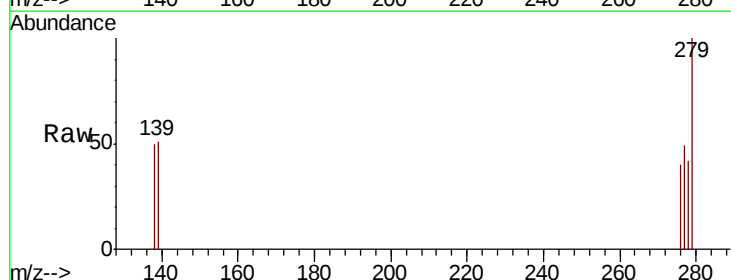
Tgt Ion:278 Resp: 2

Ion Ratio Lower Upper

278 100

139 122.8 13.1 19.7#

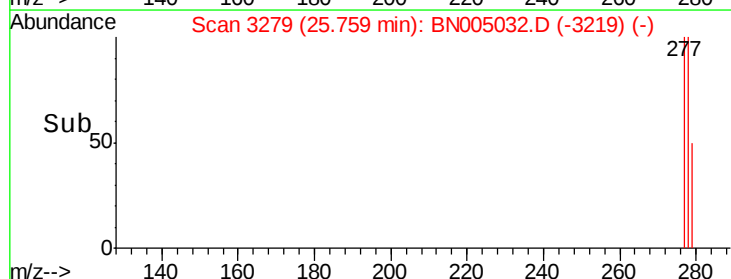
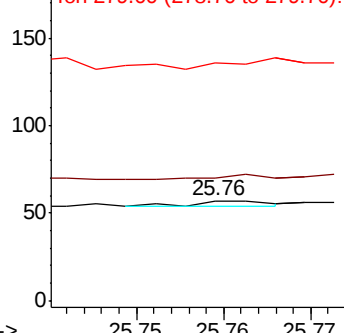
279 238.6 20.2 30.2#

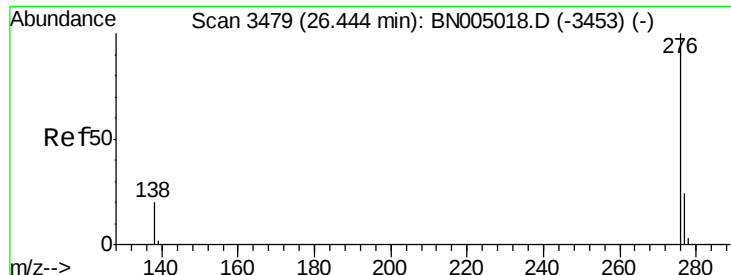


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.007 ng

RT: 26.49 min Scan# 3493

Delta R.T. 0.05 min

Lab File: BN005032.D

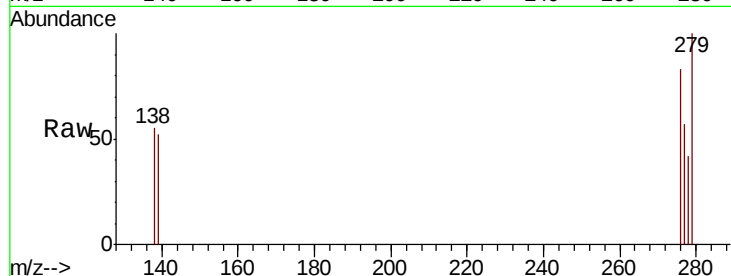
Acq: 29 Mar 2019 14:06

Instrument :

BNA_N

ClientSampleId :

PB117525BL



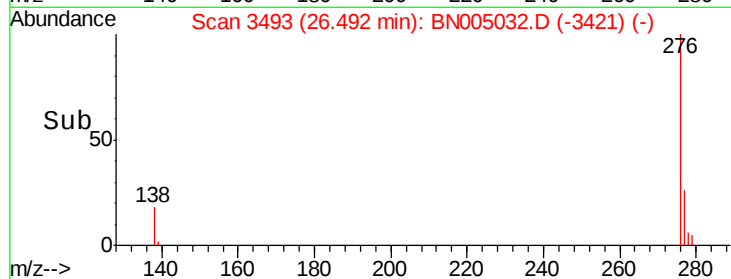
Tot Ion: 276 Resp: 302

Ion Ratio Lower Upper

276 100

277 68.4 19.8 29.6#

138 66.7 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

