

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006616.D
 Acq On : 28 Jun 2019 16:59
 Operator : HP/JU
 Sample : PB120314BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB120314BL

Quant Time: Jun 29 01:10:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 13:47:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4327	0.40	ng	0.00
7) Naphthalene-d8	10.42	136	16168	0.40	ng	0.01
13) Acenaphthene-d10	14.28	164	10487	0.40	ng	0.00
19) Phenanthrene-d10	17.04	188	25391	0.40	ng	0.00
27) Chrysene-d12	21.27	240	25305	0.40	ng	0.00
34) Perylene-d12	23.50	264	26350	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	3129	0.29	ng	0.00
5) Phenol-d6	6.86	99	3557	0.25	ng	0.02
8) Nitrobenzene-d5	8.84	82	2218	0.20	ng	0.05
11) 2-Methylnaphthalene-d10	12.03	152	6712	0.26	ng	0.02
14) 2,4,6-Tribromophenol	15.81	330	594	0.12	ng	0.02
15) 2-Fluorobiphenyl	12.91	172	10383	0.27	ng	0.01
25) Fluoranthene-d10	19.08	212	20914	0.28	ng	0.00
29) Terphenyl-d14	19.69	244	16142	0.30	ng	0.00

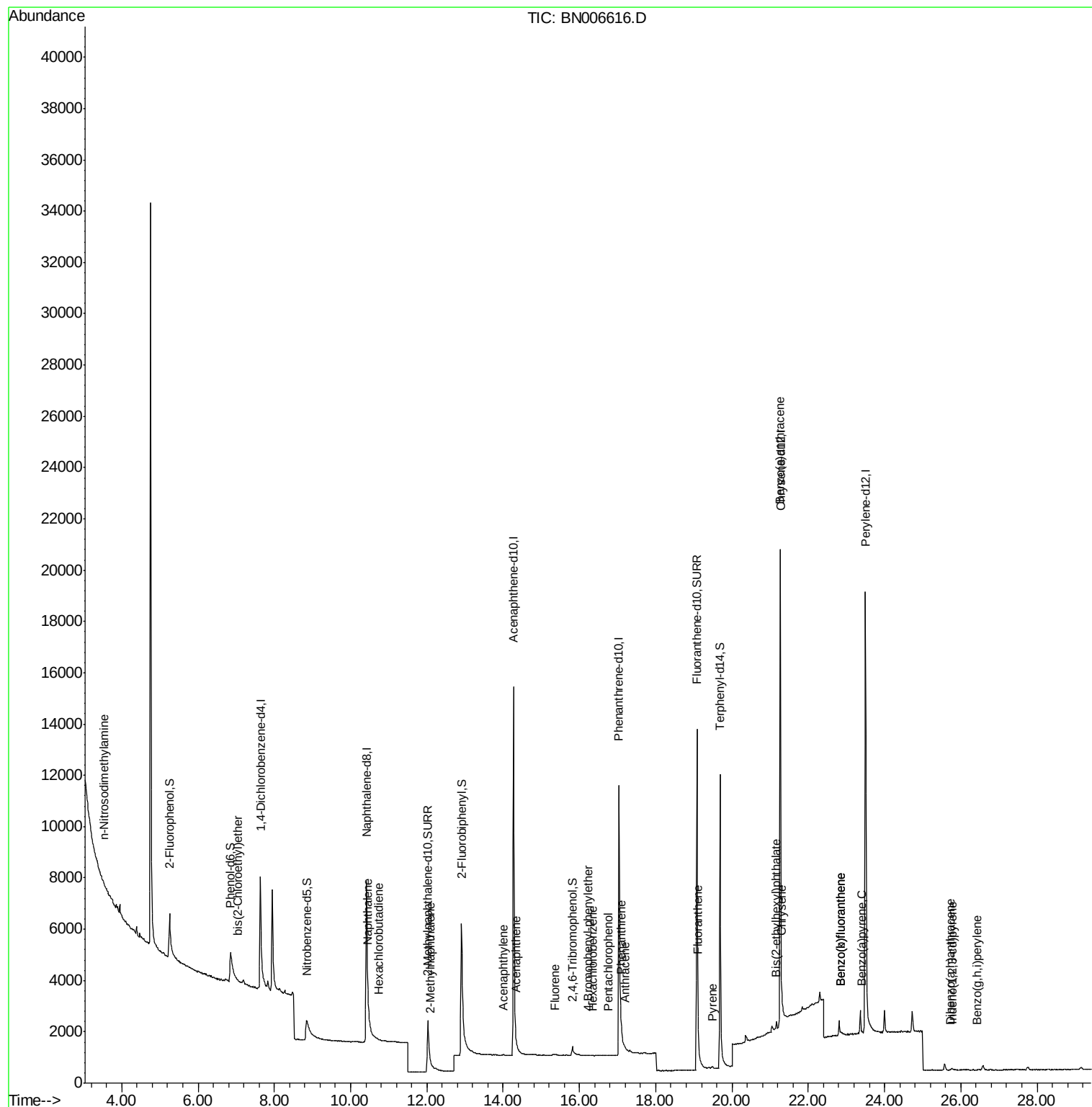
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.55	42	21	0.004	ng	# 8
6) bis(2-Chloroethyl)ether	7.06	93	14	0.001	ng	# 1
9) Naphthalene	10.45	128	28	0.001	ng	# 1
10) Hexachlorobutadiene	10.74	225	2	0.000	ng	# 18
12) 2-Methylnaphthalene	12.09	142	2	0.000	ng	# 37
16) Acenaphthylene	14.01	152	29	0.001	ng	# 76
17) Acenaphthene	14.33	154	5	0.000	ng	# 20
18) Fluorene	15.36	166	17	0.000	ng	# 9
20) 4-Bromophenyl-phenylether	16.23	248	2	0.000	ng	# 65
21) Hexachlorobenzene	16.35	284	8	0.000	ng	# 1
22) Pentachlorophenol	16.75	266	6	0.193	ng	# 72
23) Phenanthrene	17.09	178	70	0.001	ng	# 95
24) Anthracene	17.20	178	18	0.000	ng	# 81
26) Fluoranthene	19.12	202	84	0.001	ng	# 86
28) Pyrene	19.49	202	105	0.001	ng	# 92
30) Benzo(a)anthracene	21.26	228	172	0.002	ng	# 31
31) Chrysene	21.30	228	228	0.003	ng	# 43
32) Bis(2-ethylhexyl)phthalate	21.16	149	339	0.008	ng	# 83
33) Indeno(1,2,3-cd)pyrene	25.77	276	48	0.001	ng	# 61
35) Benzo(b)fluoranthene	22.84	252	55	0.001	ng	# 1
36) Benzo(k)fluoranthene	22.84	252	55	0.001	ng	# 1
37) Benzo(a)pyrene	23.41	252	76	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	25.73	278	5	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.43	276	16	0.000	ng	# 1

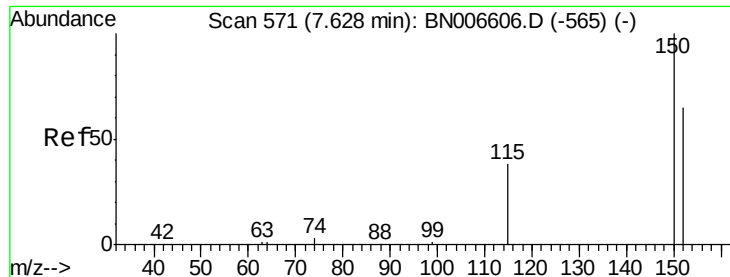
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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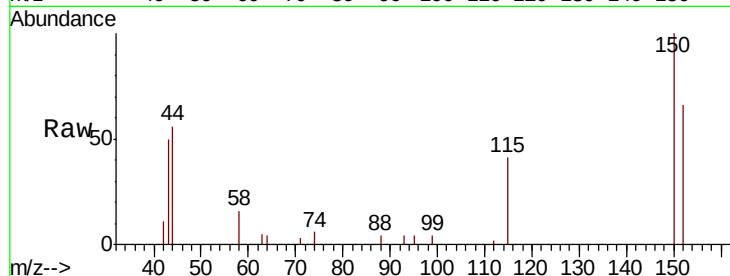


#1

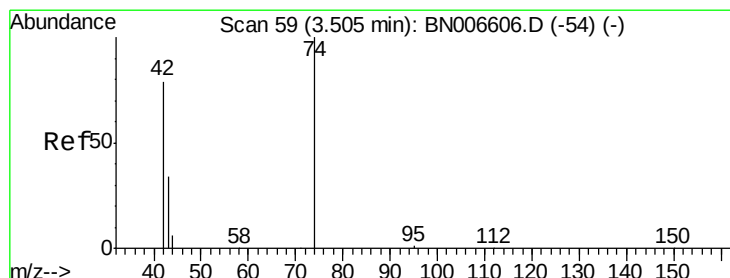
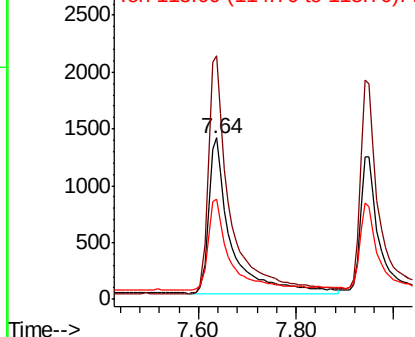
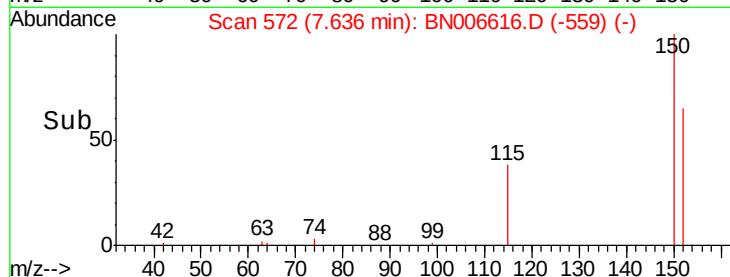
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 572
Delta R.T. 0.01 min
Lab File: BN006616.D
Acq: 28 Jun 2019 16:59

Instrument :
BNA_N
ClientSampleId :
PB120314BL

Tgt Ion: 152 Resp: 4327
Ion Ratio Lower Upper
152 100
150 150.8 122.2 183.2
115 61.9 50.0 75.0



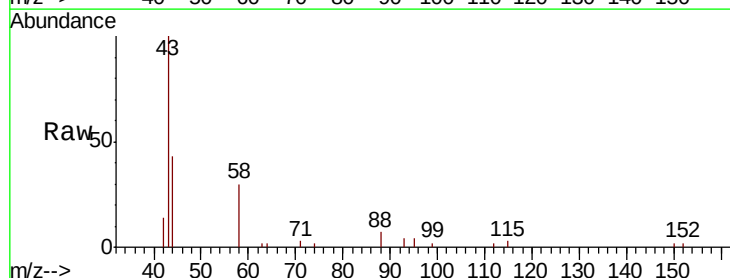
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



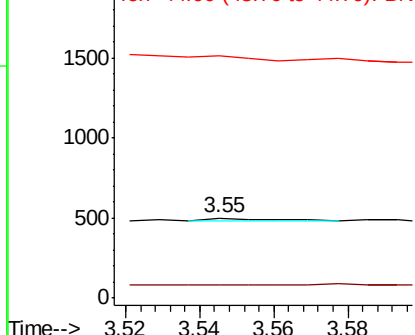
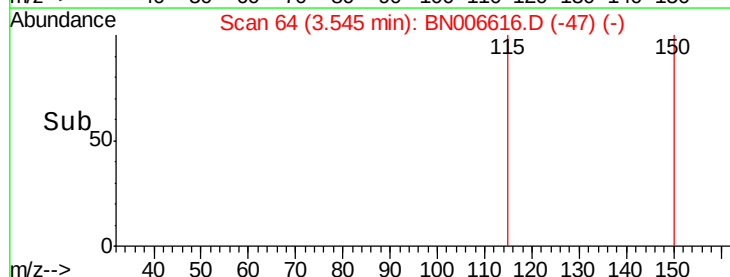
#3

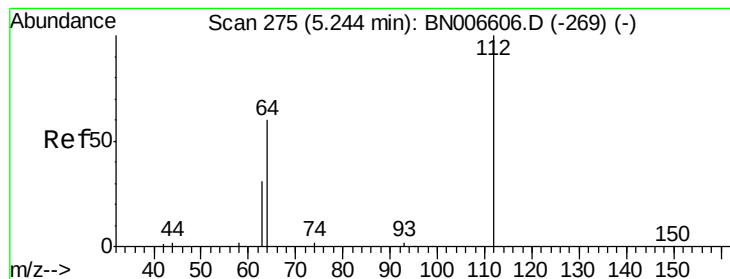
n-Nitrosodimethylamine
Concen: 0.004 ng
RT: 3.55 min Scan# 64
Delta R.T. 0.04 min
Lab File: BN006616.D
Acq: 28 Jun 2019 16:59

Tgt Ion: 42 Resp: 21
Ion Ratio Lower Upper
42 100
74 19.0 103.1 154.7#
44 0.0 3.4 5.2#



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: 0.295 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.01 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

Instrument :

BNA_N

ClientSampleId :

PB120314BL

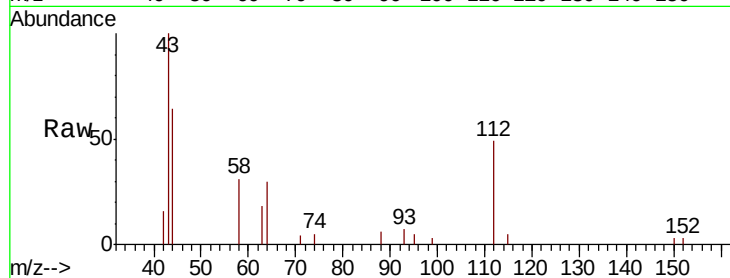
Tgt Ion: 112 Resp: 3129

Ion Ratio Lower Upper

112 100

64 62.0 48.9 73.3

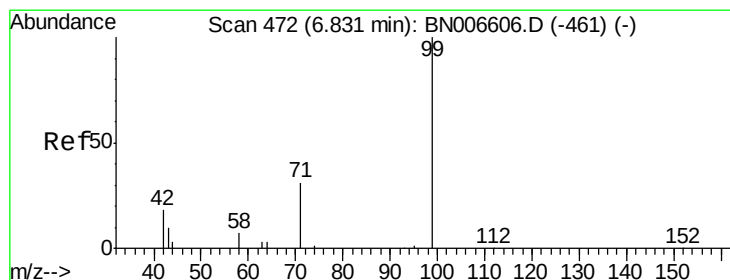
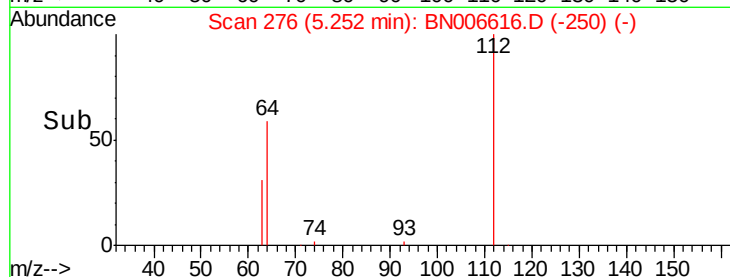
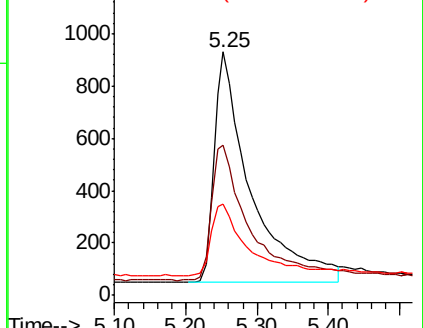
63 32.4 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.253 ng

RT: 6.86 min Scan# 475

Delta R.T. 0.02 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

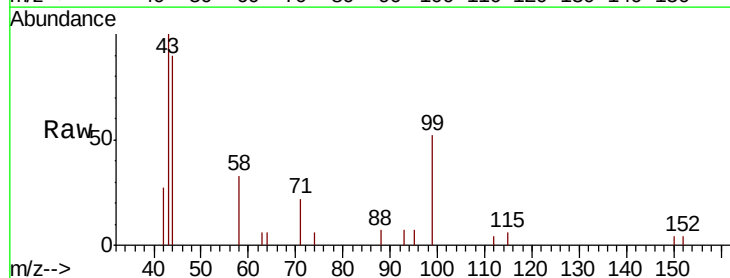
Tgt Ion: 99 Resp: 3557

Ion Ratio Lower Upper

99 100

42 21.9 16.4 24.6

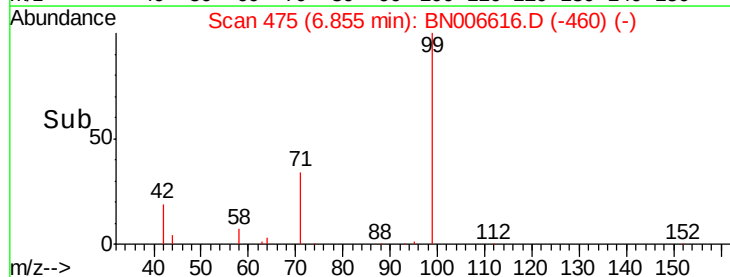
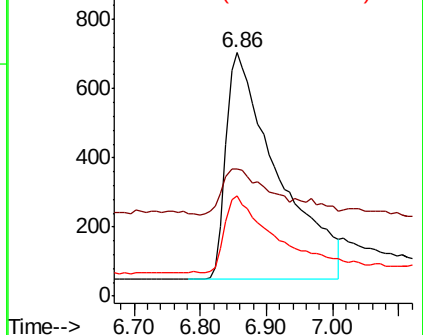
71 33.0 26.6 40.0

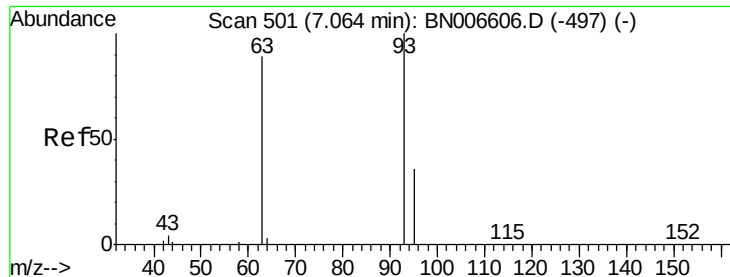


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#6

bis(2-Chloroethyl)ether

Concen: 0.001 ng

RT: 7.06 min Scan# 500

Delta R.T. -0.01 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

Instrument :

BNA_N

ClientSampleId :

PB120314BL

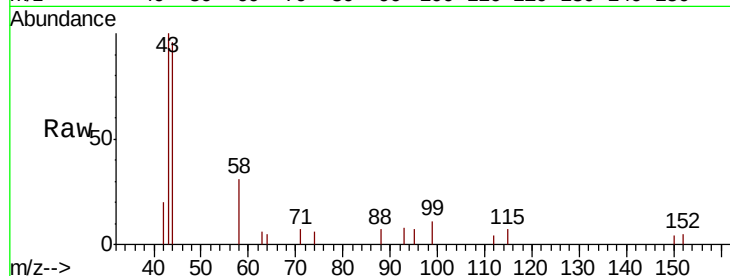
Tgt Ion: 93 Resp: 14

Ion Ratio Lower Upper

93 100

63 0.0 52.5 78.7#

95 121.4 24.2 36.4#

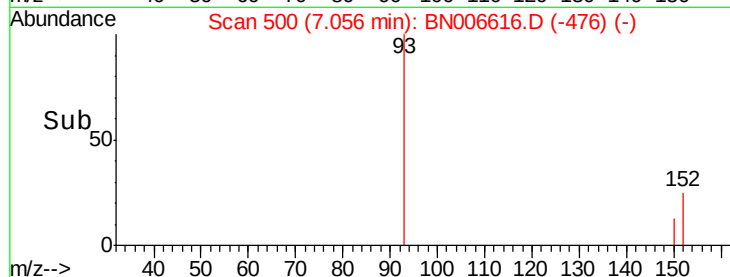


Abundance Ion 93.00 (92.70 to 93.70): BN006606.D (-497) (-)

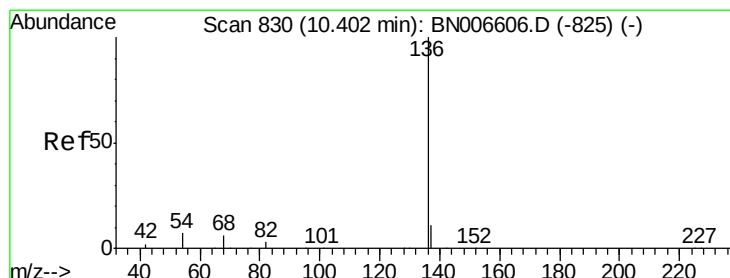
Ion 63.00 (62.70 to 63.70): BN006606.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN006606.D (-497) (-)

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.42 min Scan# 831

Delta R.T. 0.01 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

Tgt Ion: 136 Resp: 16168

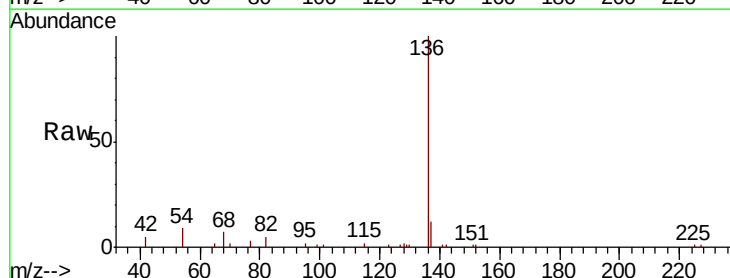
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 9.3 6.7 10.1

68 7.4 5.3 7.9



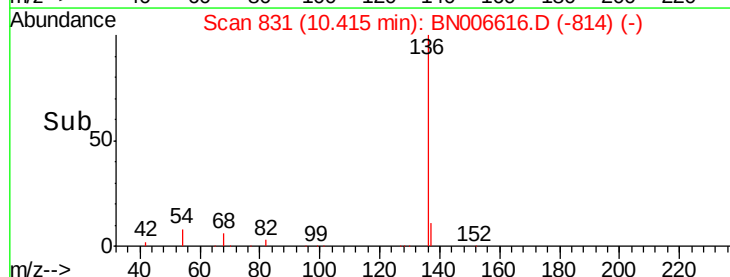
Abundance Ion 136.00 (135.70 to 136.70): BN006606.D (-825) (-)

Ion 137.00 (136.70 to 137.70): BN006606.D (-825) (-)

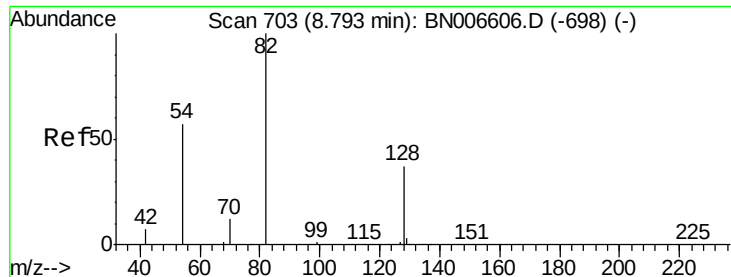
Ion 54.00 (53.70 to 54.70): BN006606.D (-825) (-)

Ion 68.00 (67.70 to 68.70): BN006606.D (-825) (-)

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 0.204 ng

RT: 8.84 min Scan# 707

Delta R.T. 0.05 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

Instrument :

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ClientSampleId :

PB120314BL

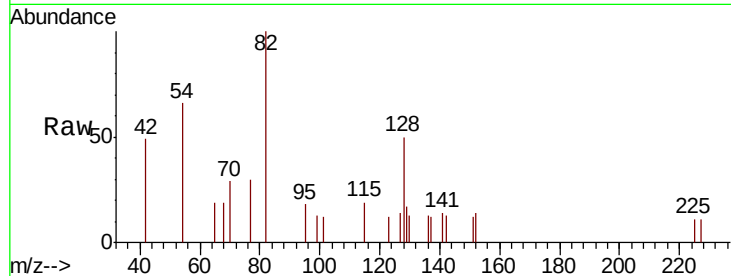
Tgt Ion: 82 Resp: 2218

Ion Ratio Lower Upper

82 100

128 49.9 32.6 49.0#

54 66.0 48.2 72.4



Abundance Ion 82.00 (81.70 to 82.70): BN006616.D (-698) (-)

Ion 128.00 (127.70 to 128.70): BN006616.D (-698) (-)

Ion 54.00 (53.70 to 54.70): BN006616.D (-698) (-)

8.84

400

300

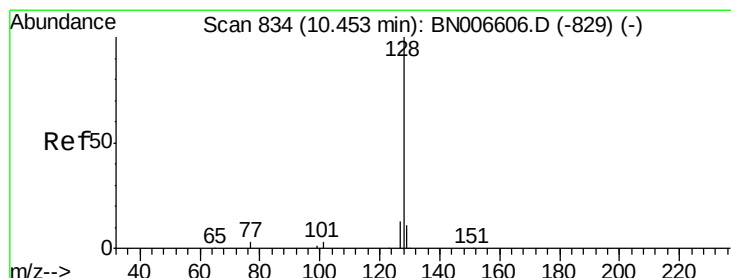
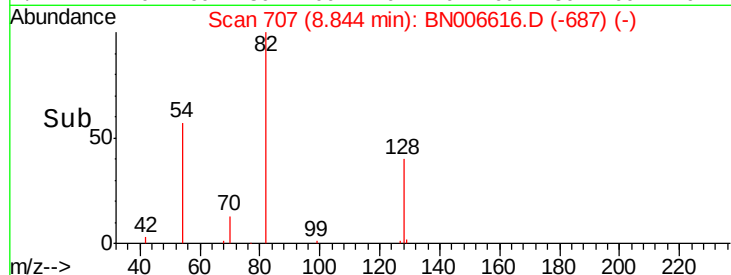
200

100

0

8.70 8.80 8.90 9.00

Time-->



#9

Naphthalene

Concen: 0.001 ng

RT: 10.45 min Scan# 834

Delta R.T. -0.00 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

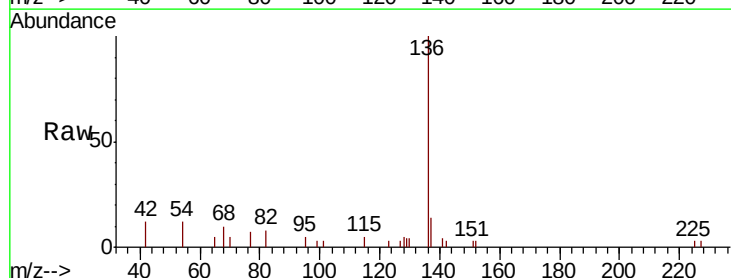
Tgt Ion: 128 Resp: 28

Ion Ratio Lower Upper

128 100

129 82.9 9.3 13.9#

127 71.1 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): BN006616.D (-829) (-)

Ion 129.00 (128.70 to 129.70): BN006616.D (-829) (-)

Ion 127.00 (126.70 to 127.70): BN006616.D (-829) (-)

10.45

100

80

60

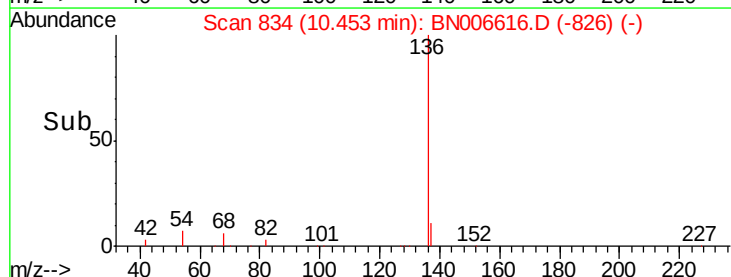
40

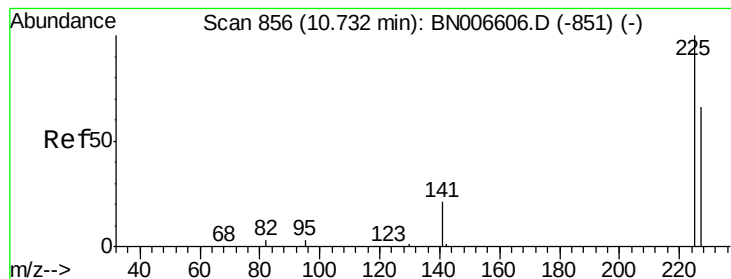
20

0

10.40 10.50

Time-->

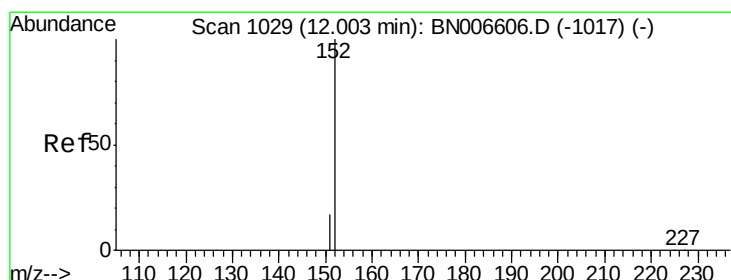
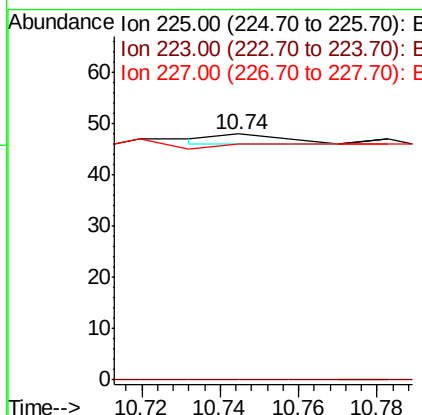
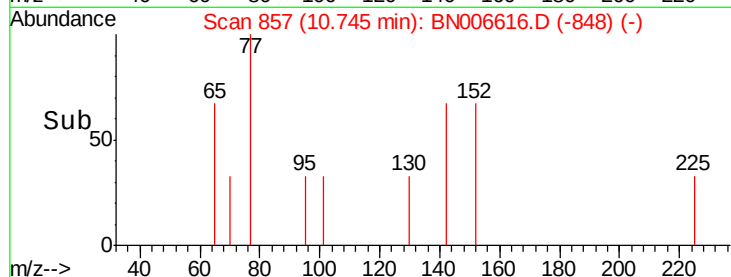
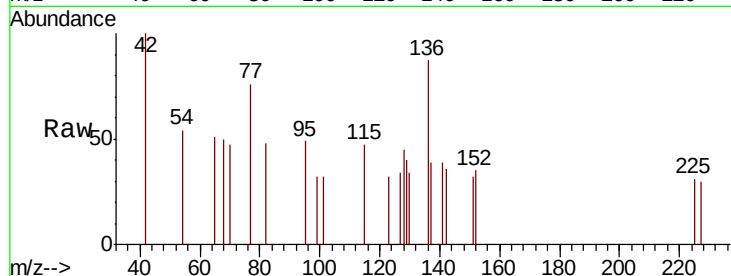




#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 10.74 min Scan# 857
Delta R.T. 0.01 min
Lab File: BN006616.D
Acq: 28 Jun 2019 16:59

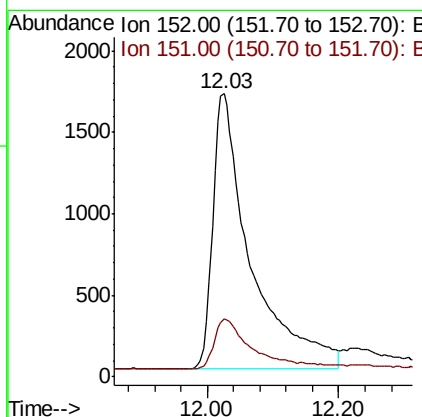
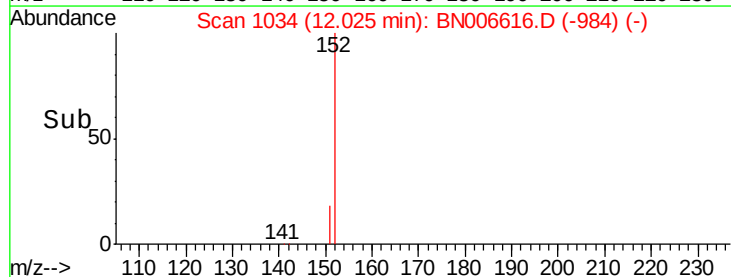
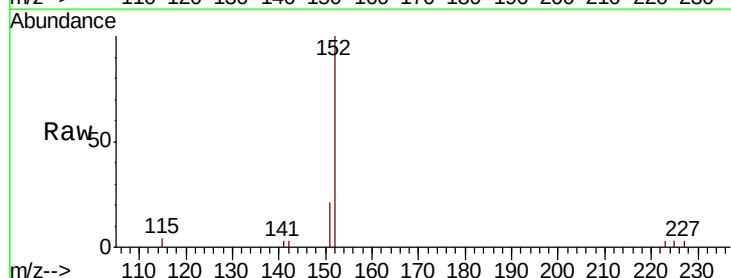
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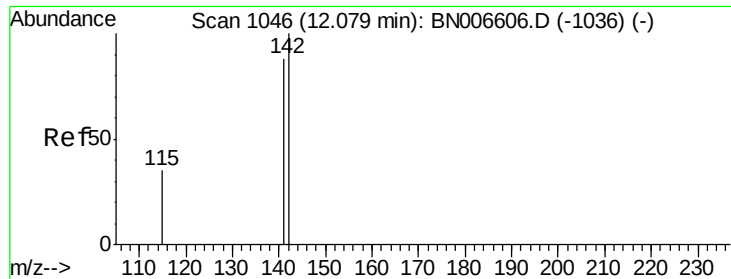
Tgt Ion: 225 Resp: 2
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 0.0 51.4 77.2#



#11
2-Methylnaphthalene-d10
Concen: 0.264 ng
RT: 12.03 min Scan# 1034
Delta R.T. 0.02 min
Lab File: BN006616.D
Acq: 28 Jun 2019 16:59

Tgt Ion: 152 Resp: 6712
Ion Ratio Lower Upper
152 100
151 19.0 15.0 22.4

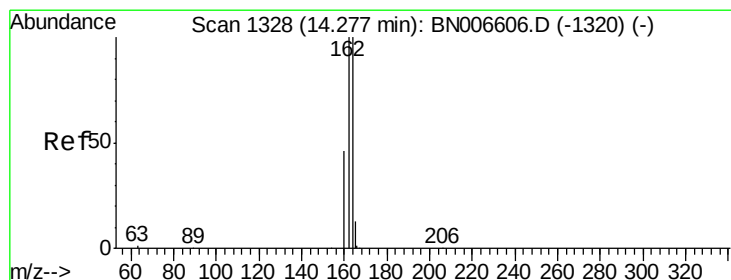
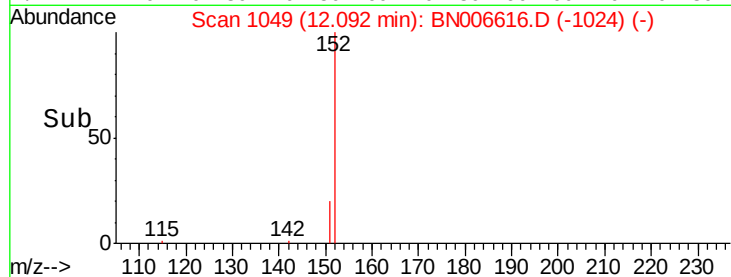
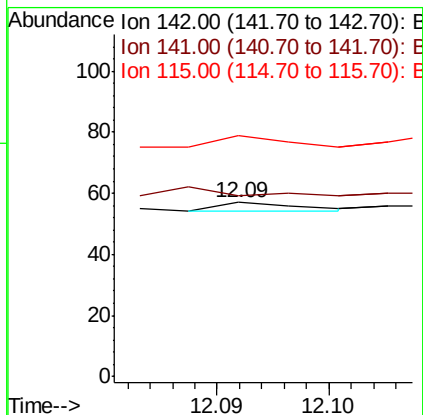
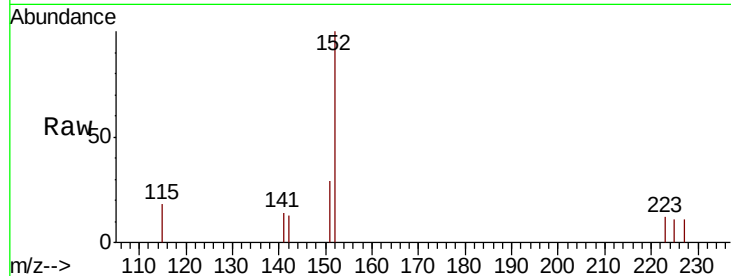




#12
2-Methylnaphthalene
Concen: 0.000 ng
RT: 12.09 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BN006616.D
Acq: 28 Jun 2019 16:59

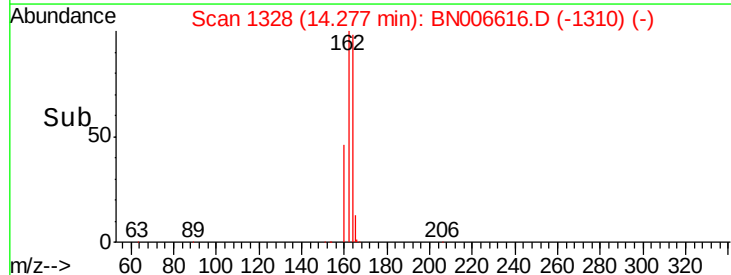
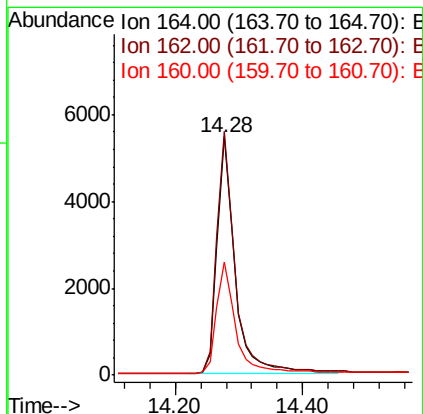
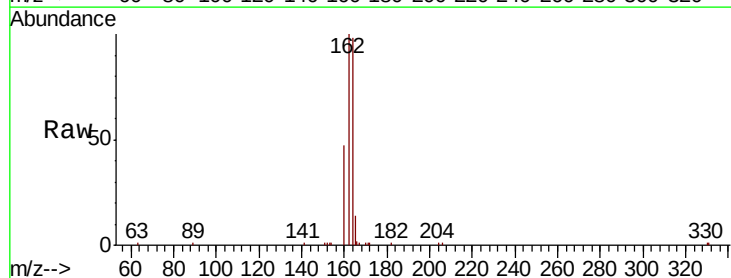
Instrument :
BNA_N
ClientSampleId :
PB120314BL

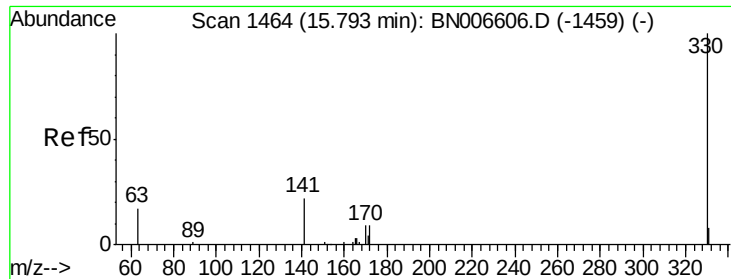
Tgt Ion:142 Resp: 2
Ion Ratio Lower Upper
142 100
141 103.5 70.2 105.4
115 138.6 28.5 42.7#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.28 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BN006616.D
Acq: 28 Jun 2019 16:59

Tgt Ion:164 Resp: 10487
Ion Ratio Lower Upper
164 100
162 102.1 80.0 120.0
160 47.6 37.0 55.4

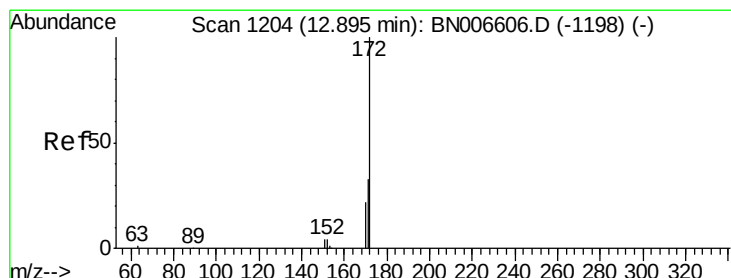
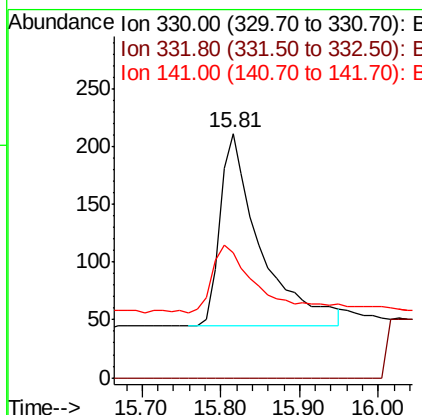
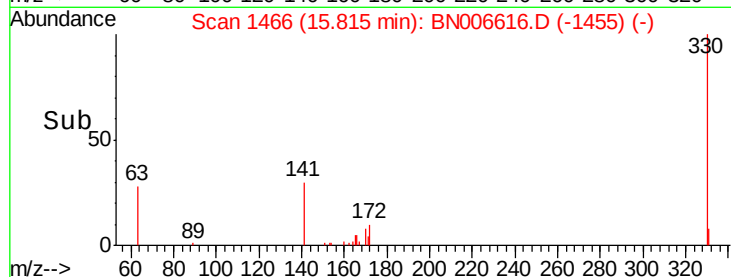
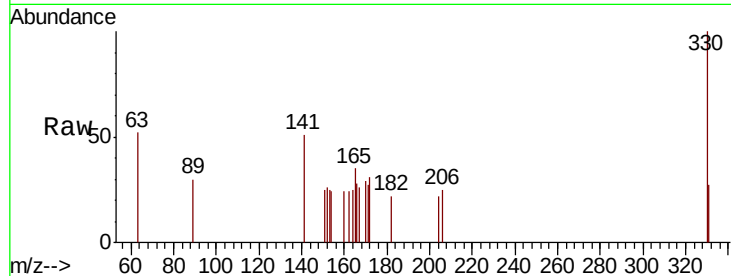




#14
 2,4,6-Tribromophenol
 Concen: 0.120 ng
 RT: 15.81 min Scan# 1466
 Delta R.T. 0.02 min
 Lab File: BN006616.D
 Acq: 28 Jun 2019 16:59

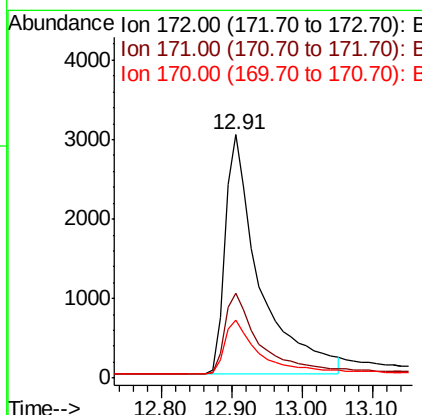
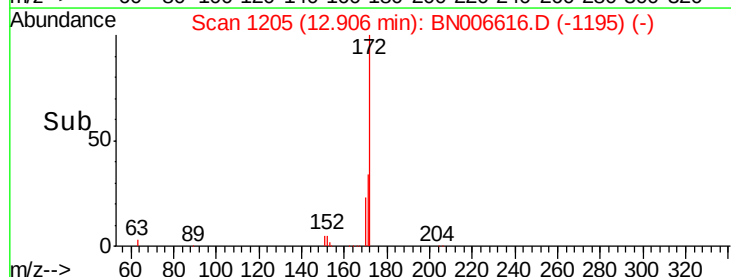
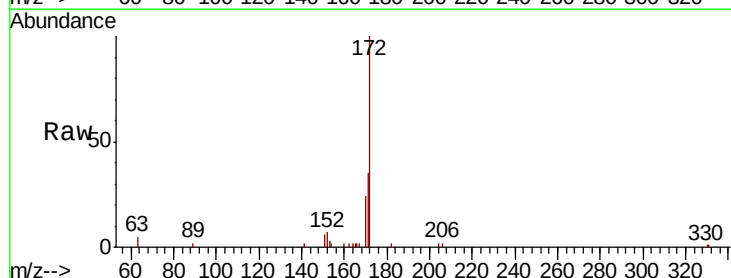
Instrument :
 BNA_N
 ClientSampleId :
 PB120314BL

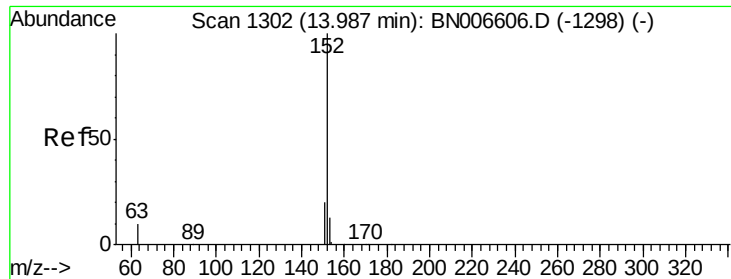
Tgt Ion: 330 Resp: 594
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 38.6 26.5 39.7



#15
 2-Fluorobiphenyl
 Concen: 0.267 ng
 RT: 12.91 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BN006616.D
 Acq: 28 Jun 2019 16:59

Tgt Ion: 172 Resp: 10383
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.0 40.4
 170 24.0 17.7 26.5





#16

Acenaphthylene

Concen: 0.001 ng

RT: 14.01 min Scan# 1304

Delta R.T. 0.02 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

Instrument :

BNA_N

ClientSampleId :

PB120314BL

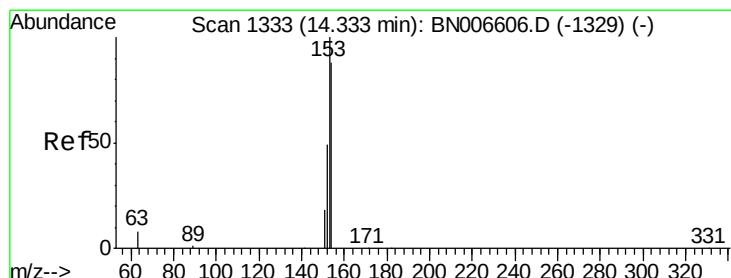
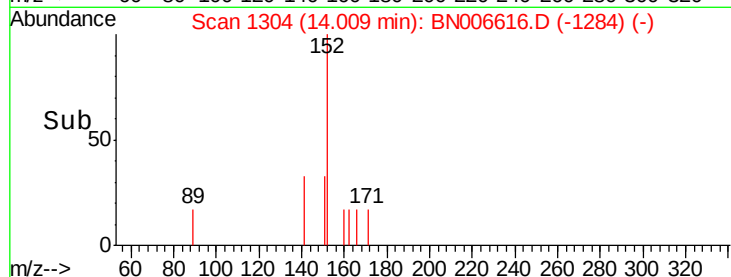
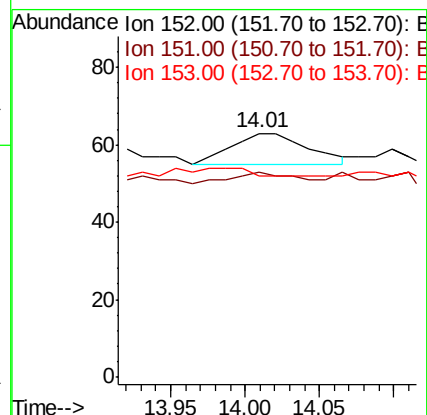
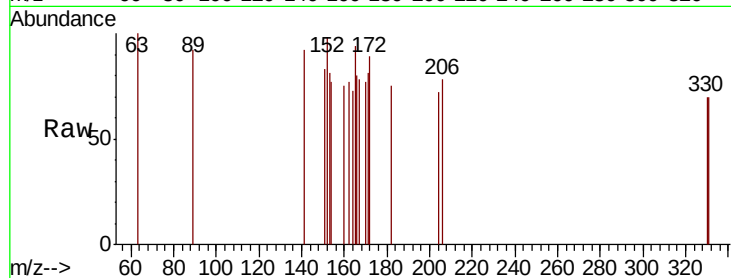
Tgt Ion:152 Resp: 29

Ion Ratio Lower Upper

152 100

151 27.6 15.6 23.4#

153 0.0 10.5 15.7#



#17

Acenaphthene

Concen: 0.000 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

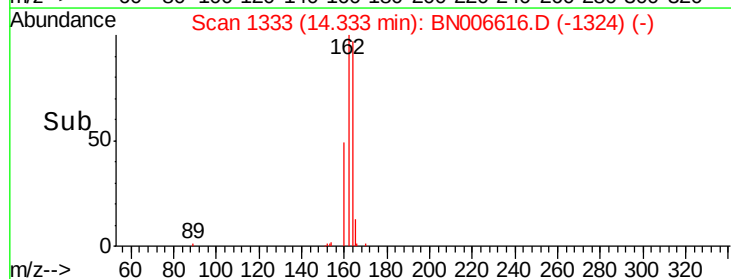
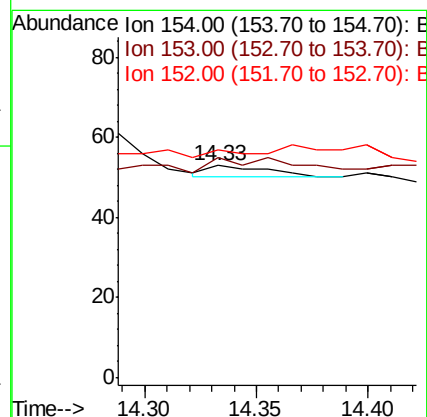
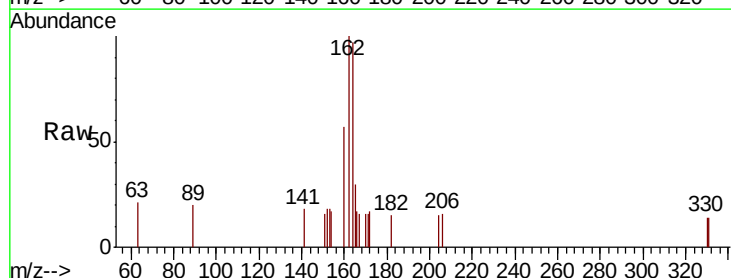
Tgt Ion:154 Resp: 5

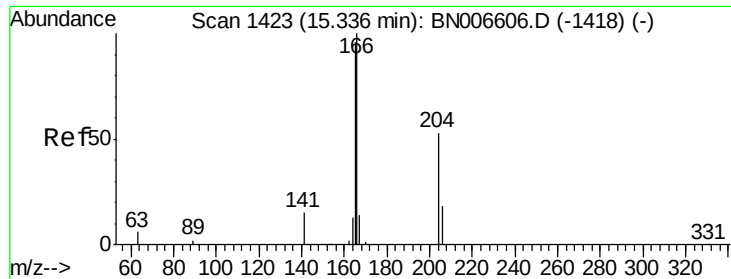
Ion Ratio Lower Upper

154 100

153 200.0 90.2 135.4#

152 0.0 44.2 66.4#





#18

Fluorene

Concen: 0.000 ng

RT: 15.36 min Scan# 1425

Delta R.T. 0.02 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

Instrument :

BNA_N

ClientSampleId :

PB120314BL

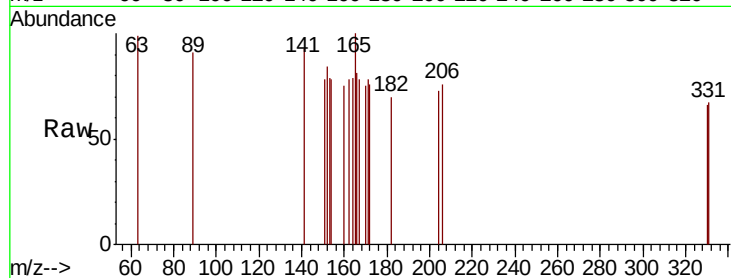
Tgt Ion:166 Resp: 17

Ion Ratio Lower Upper

166 100

165 0.0 78.4 117.6#

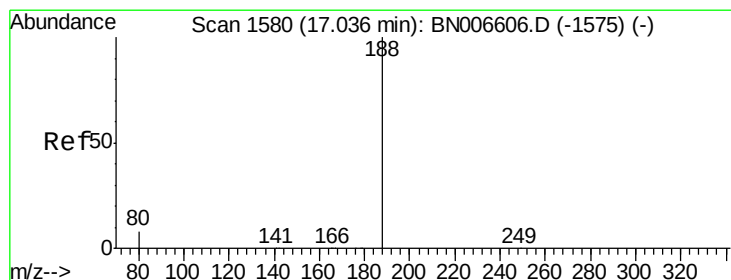
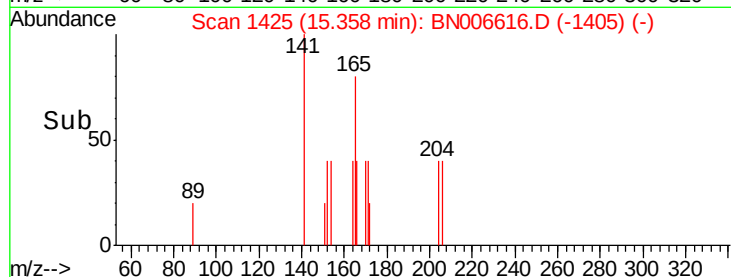
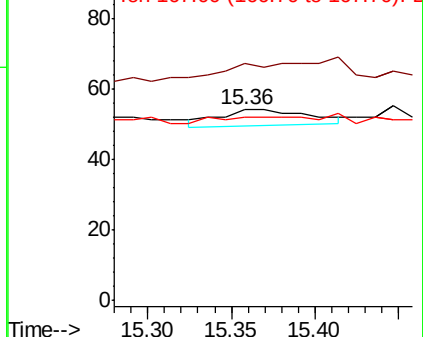
167 0.0 10.8 16.2#



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: 17.04 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

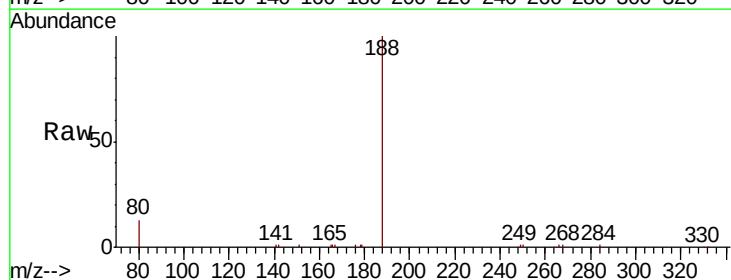
Tgt Ion:188 Resp: 25391

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

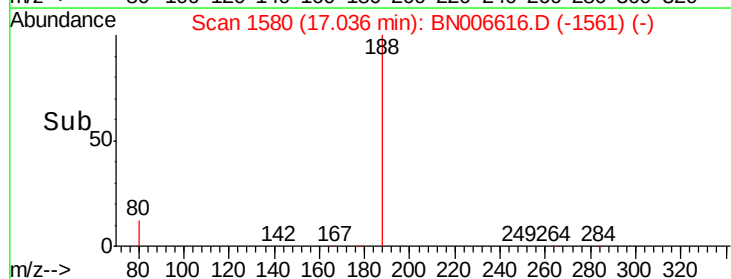
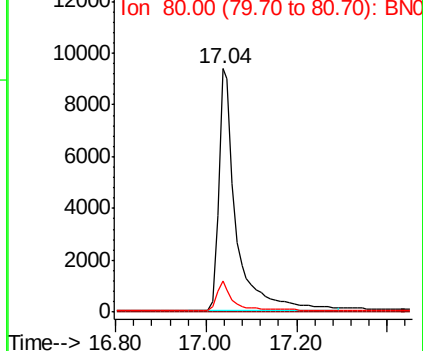
80 12.8 7.1 10.7#

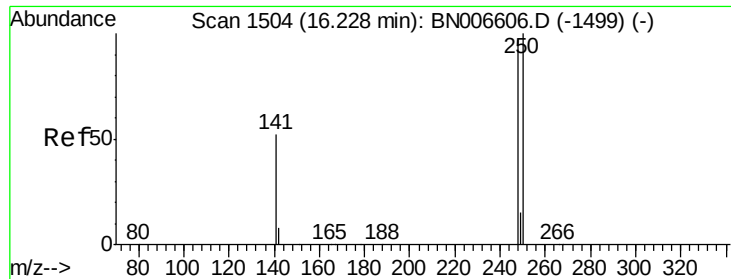


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

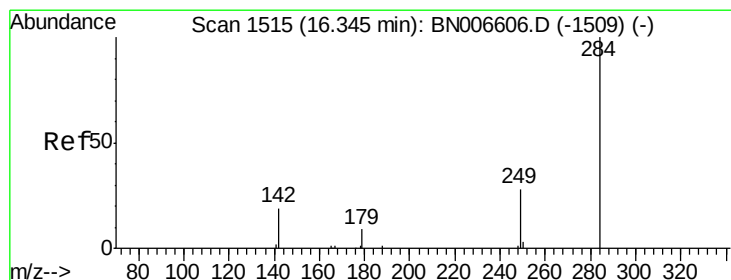
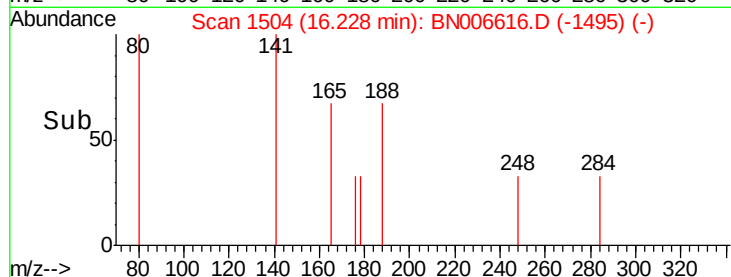
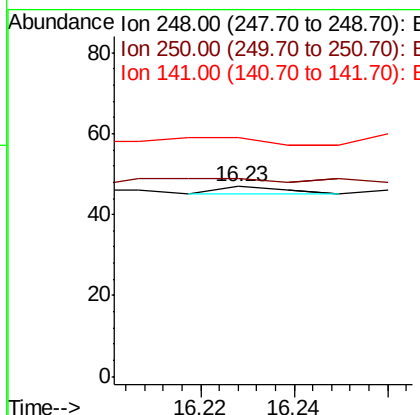
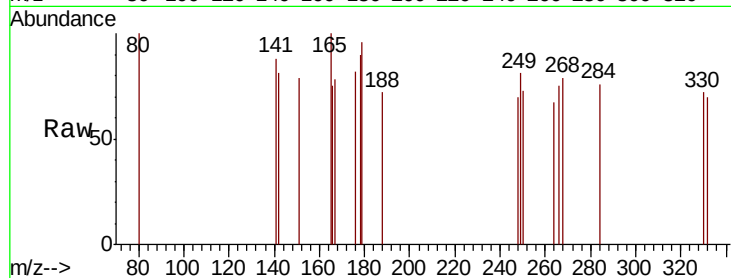




#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.23 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BN006616.D
Acq: 28 Jun 2019 16:59

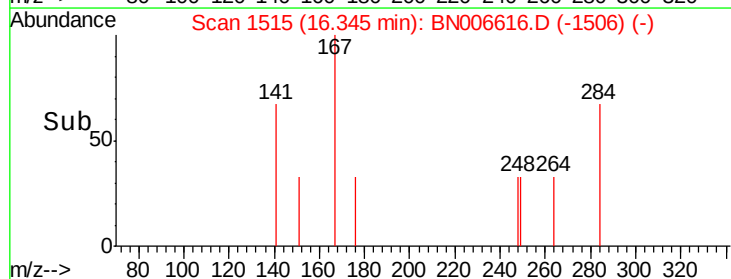
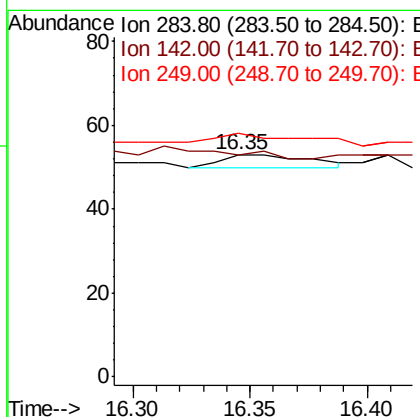
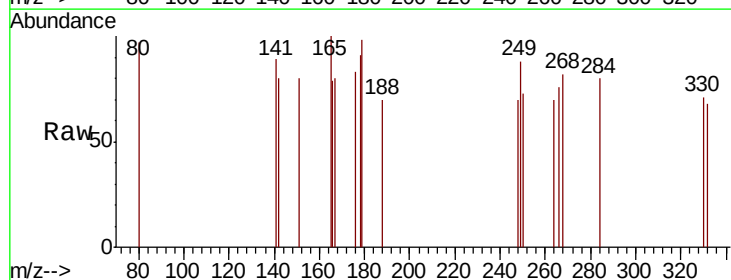
Instrument :
BNA_N
ClientSampleId :
PB120314BL

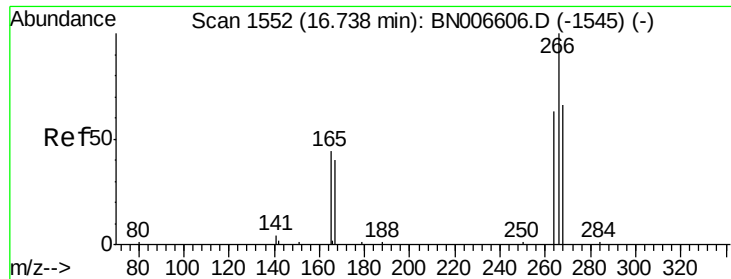
Tgt Ion:248 Resp: 2
Ion Ratio Lower Upper
248 100
250 104.3 82.2 123.4
141 125.5 43.8 65.8#



#21
Hexachlorobenzene
Concen: 0.000 ng
RT: 16.35 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BN006616.D
Acq: 28 Jun 2019 16:59

Tgt Ion:284 Resp: 8
Ion Ratio Lower Upper
284 100
142 0.0 27.5 41.3#
249 112.5 24.7 37.1#





#22

Pentachlorophenol

Concen: 0.193 ng

RT: 16.75 min Scan# 1553

Delta R.T. 0.01 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

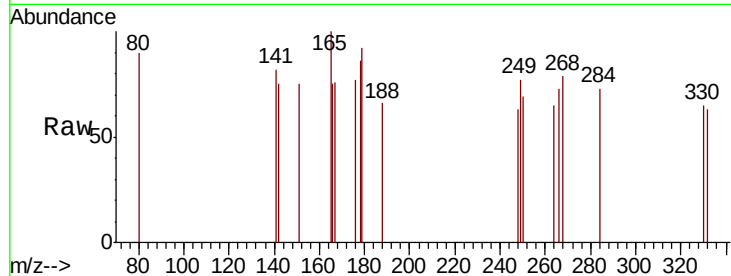
Instrument :

BNA_N

ClientSampleId :

PB120314BL

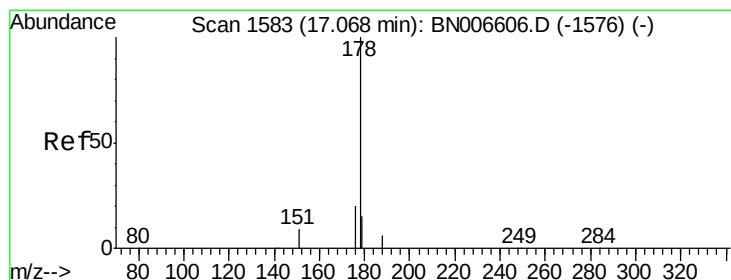
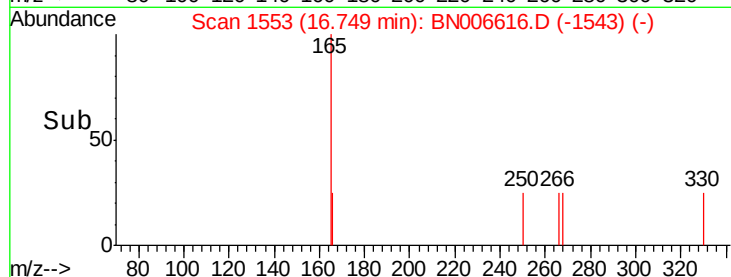
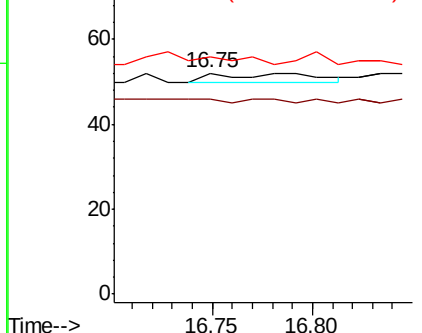
Tgt Ion:	266	Resp:	6
Ion	Ratio	Lower	Upper
266	100		
264	88.5	56.2	84.4#
268	107.7	63.0	94.4#



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



#23

Phenanthrene

Concen: 0.001 ng

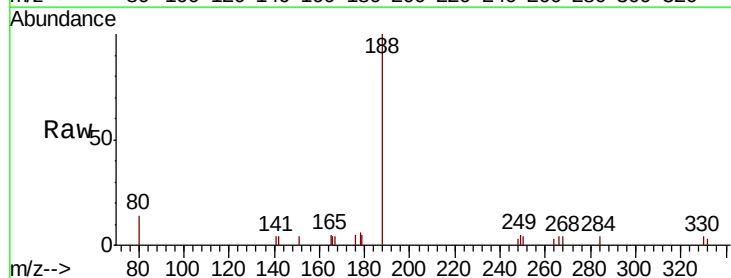
RT: 17.09 min Scan# 1585

Delta R.T. 0.02 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

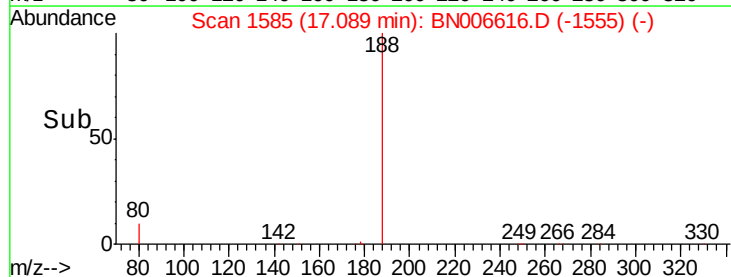
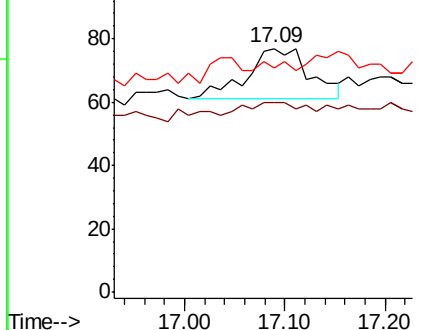
Tgt Ion:	178	Resp:	70
Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.3	22.9
179	17.1	12.2	18.4

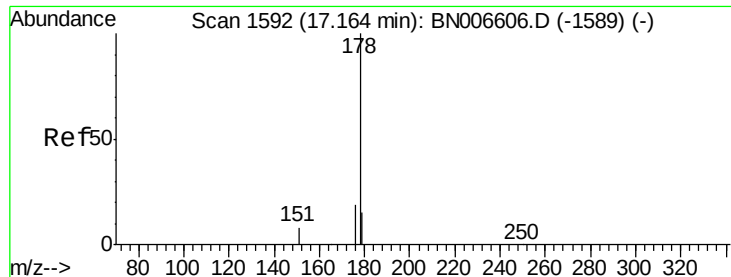


Abundance Ion 178.00 (177.70 to 178.70): E

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: 17.20 min Scan# 1595

Delta R.T. 0.03 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

Instrument :

BNA_N

ClientSampleId :

PB120314BL

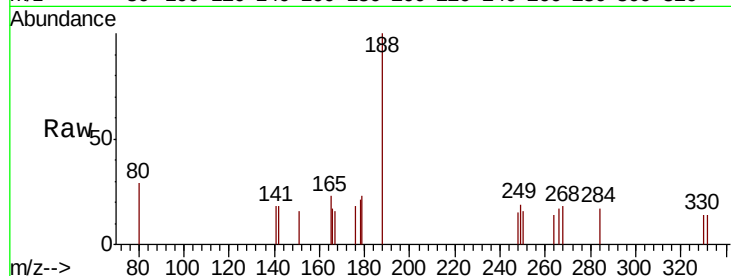
Tgt Ion:178 Resp: 18

Ion Ratio Lower Upper

178 100

176 16.7 15.0 22.4

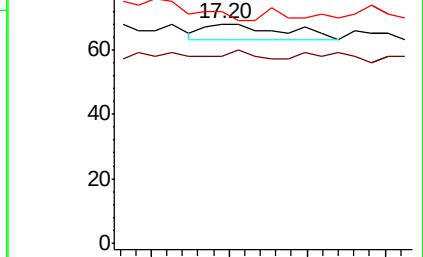
179 0.0 12.2 18.2#



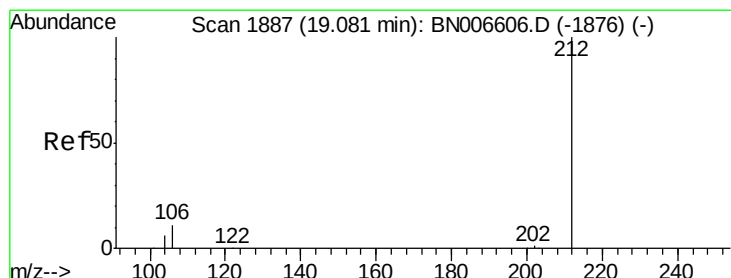
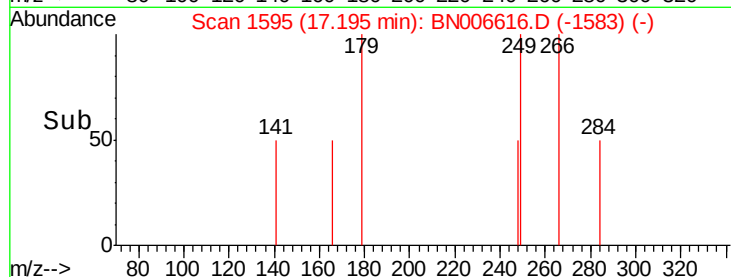
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.280 ng

RT: 19.08 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

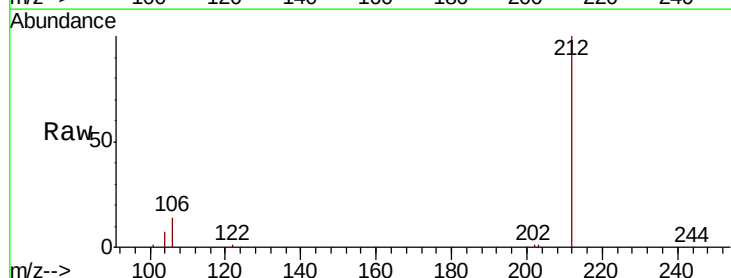
Tgt Ion:212 Resp: 20914

Ion Ratio Lower Upper

212 100

106 13.5 10.6 15.8

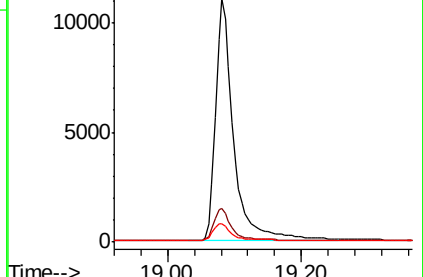
104 7.3 5.8 8.6



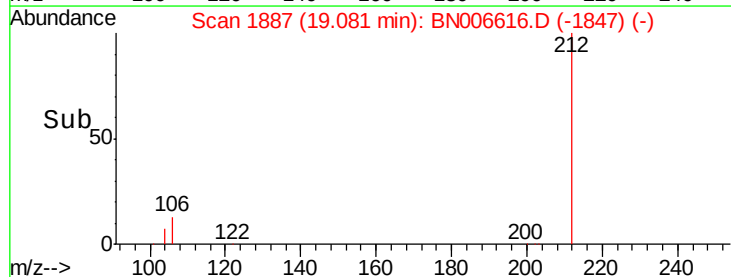
Abundance Ion 212.00 (211.70 to 212.70): E

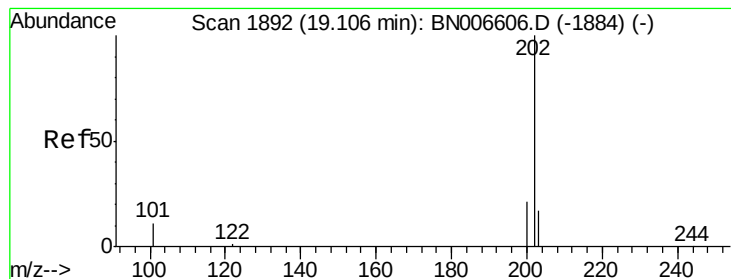
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#26

Fluoranthene

Concen: 0.001 ng

RT: 19.12 min Scan# 1894

Delta R.T. 0.01 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

Instrument :

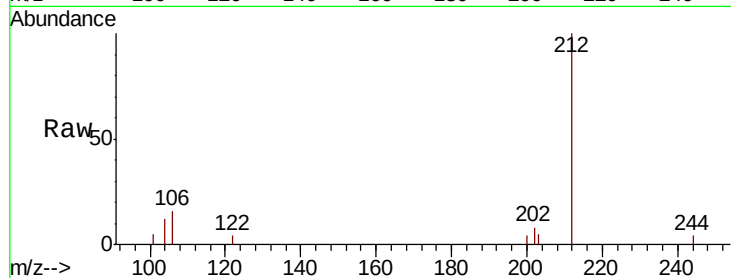
BNA_N

ClientSampleId :

PB120314BL

Tgt Ion: 202 Resp: 84

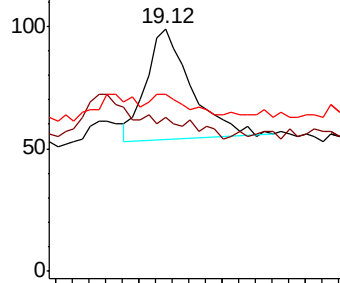
Ion	Ratio	Lower	Upper
202	100		
101	0.0	8.9	13.3#
203	15.5	13.6	20.4



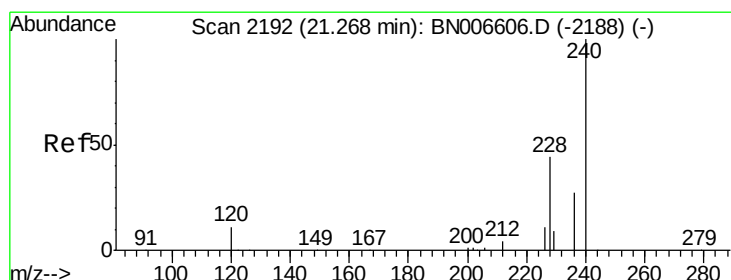
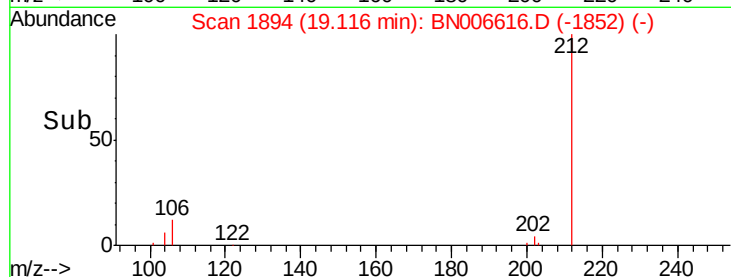
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.05 19.10 19.15 19.20



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2192

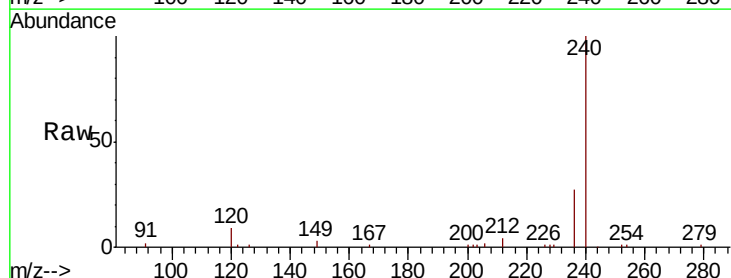
Delta R.T. -0.00 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

Tgt Ion: 240 Resp: 25305

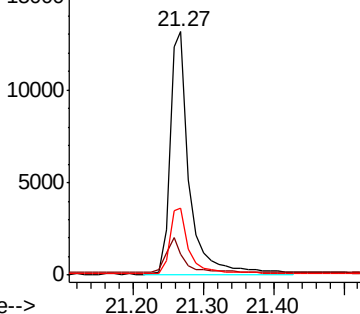
Ion	Ratio	Lower	Upper
240	100		
120	8.7	9.9	14.9#
236	27.3	22.2	33.4



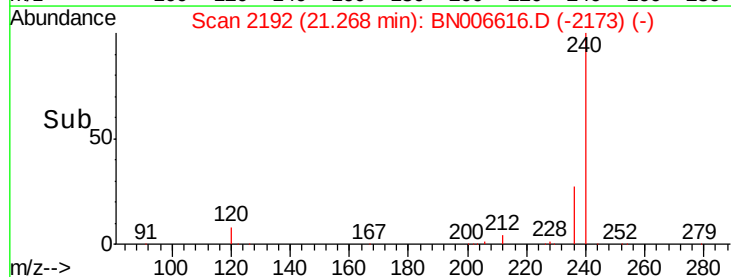
Abundance Ion 240.00 (239.70 to 240.70): E

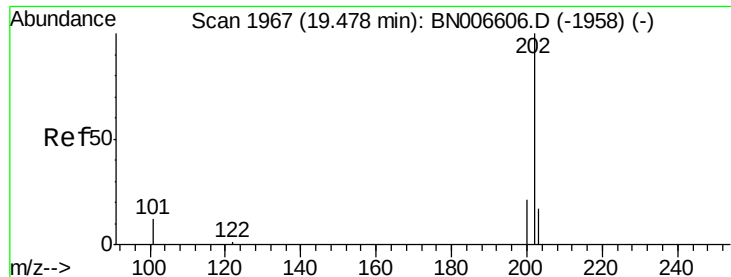
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.20 21.30 21.40





#28

Pyrene

Concen: 0.001 ng

RT: 19.49 min Scan# 1969

Delta R.T. 0.01 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

Instrument :

BNA_N

ClientSampleId :

PB120314BL

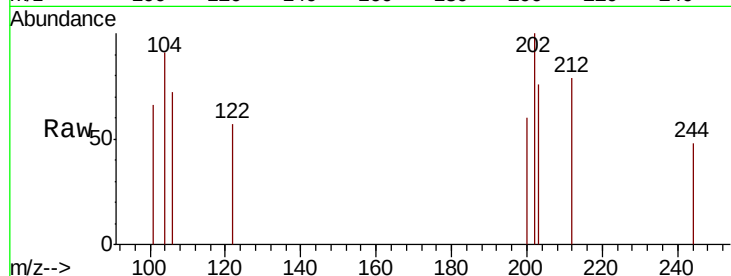
Tgt Ion:202 Resp: 105

Ion Ratio Lower Upper

202 100

200 19.0 16.7 25.1

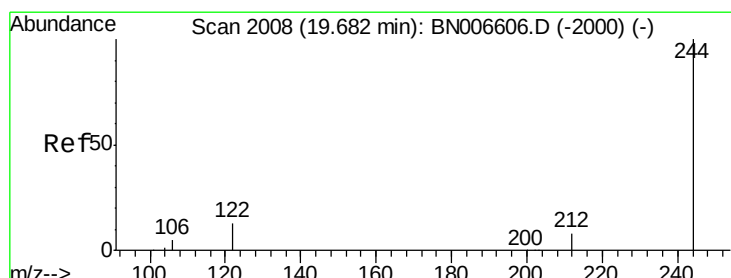
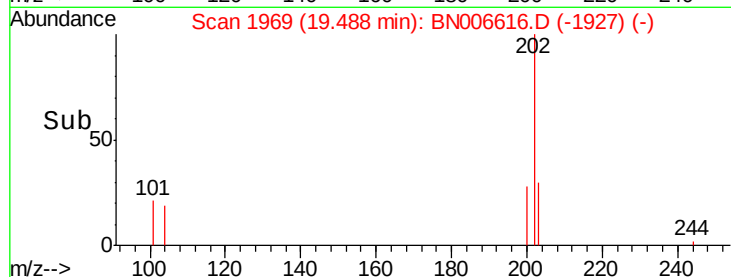
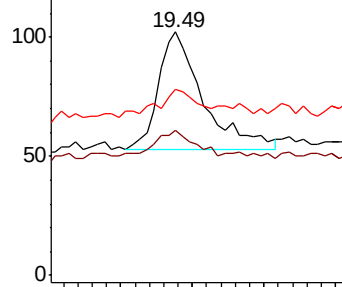
203 22.9 14.1 21.1#



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: 0.305 ng

RT: 19.69 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

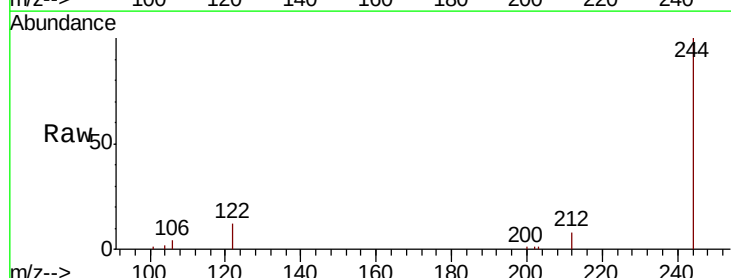
Tgt Ion:244 Resp: 16142

Ion Ratio Lower Upper

244 100

212 8.3 6.7 10.1

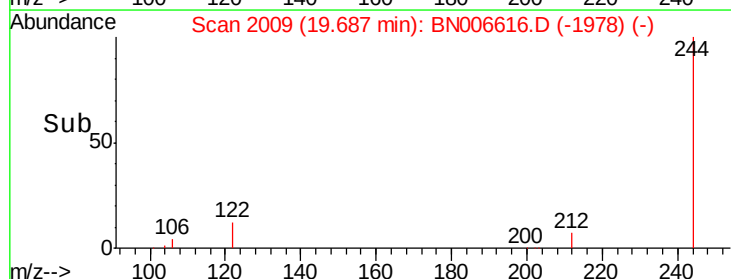
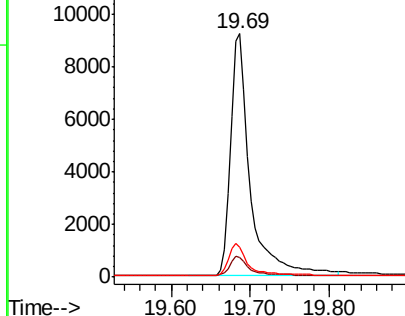
122 12.1 11.0 16.6

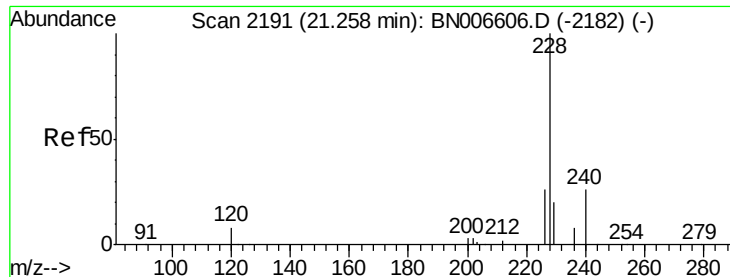


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.002 ng

RT: 21.26 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

Instrument :

BNA_N

ClientSampleId :

PB120314BL

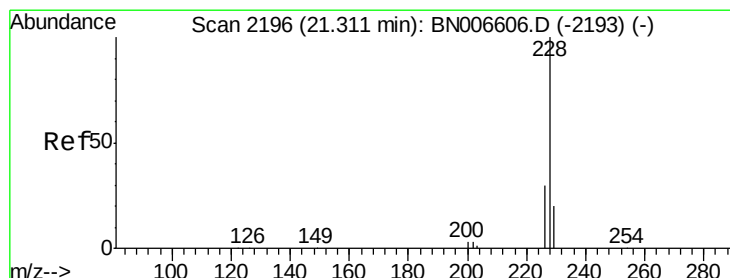
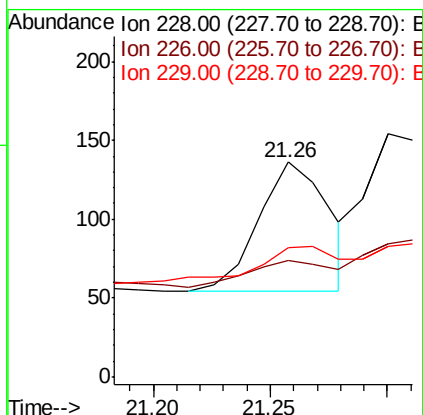
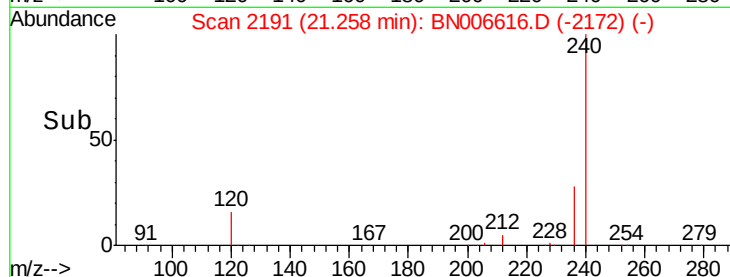
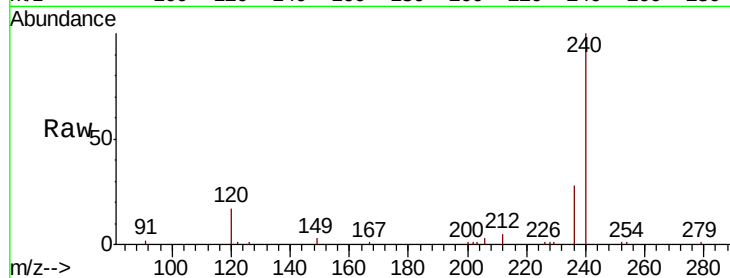
Tgt Ion:228 Resp: 172

Ion Ratio Lower Upper

228 100

226 54.4 21.2 31.8#

229 60.3 16.1 24.1#



#31

Chrysene

Concen: 0.003 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

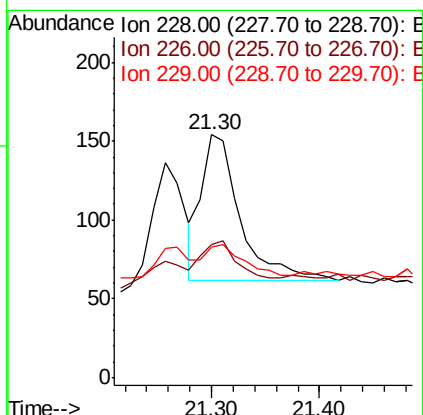
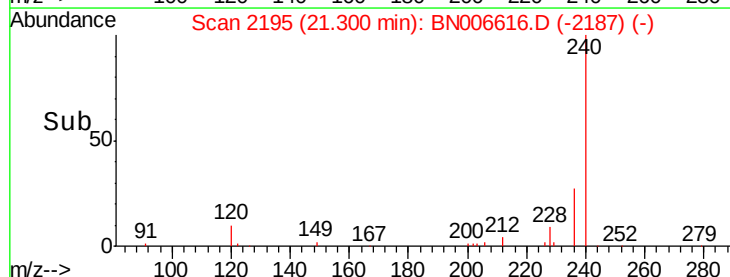
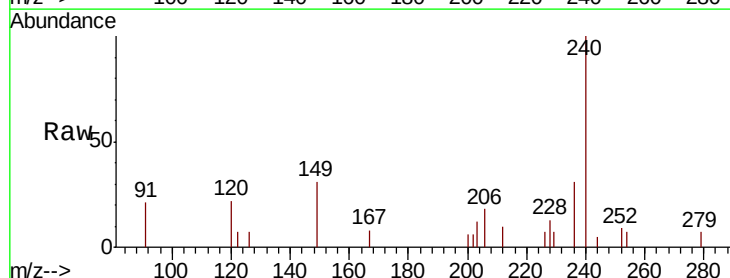
Tgt Ion:228 Resp: 228

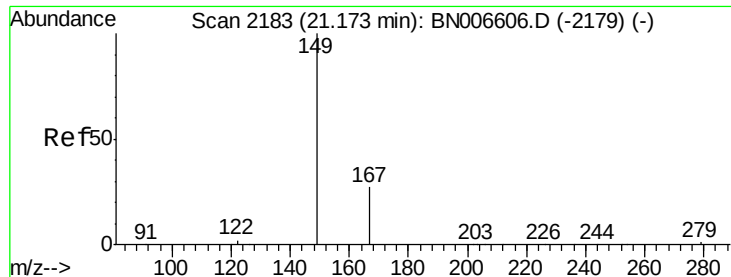
Ion Ratio Lower Upper

228 100

226 54.5 23.8 35.6#

229 53.9 15.9 23.9#

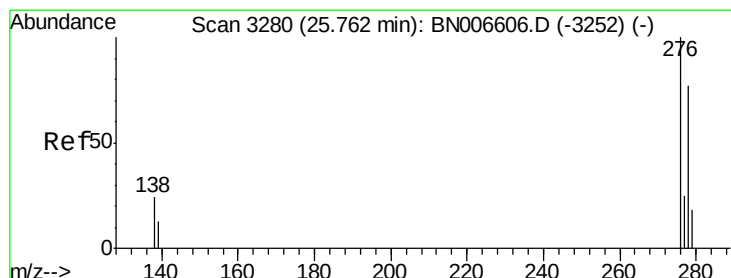
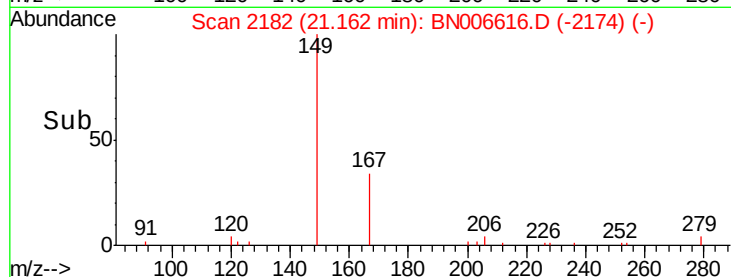
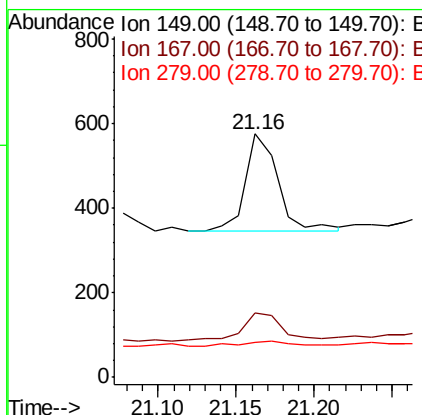
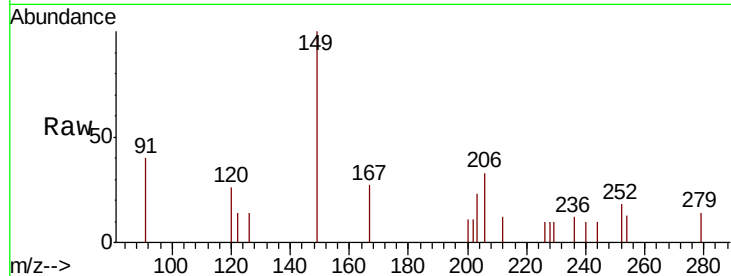




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.008 ng
 RT: 21.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BN006616.D
 Acq: 28 Jun 2019 16:59

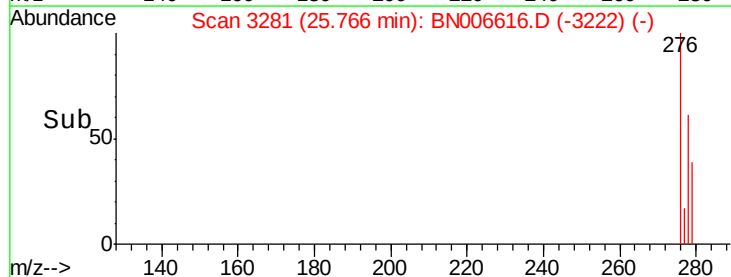
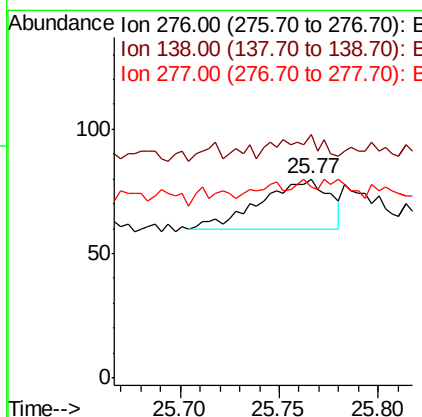
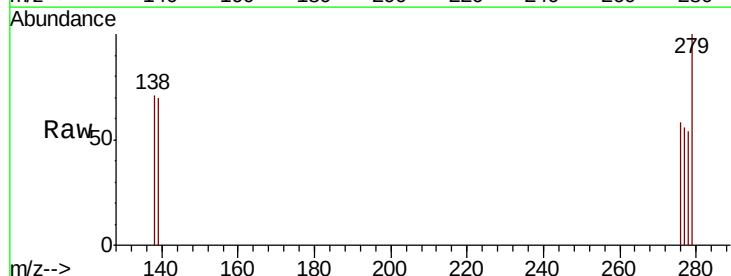
Instrument :
 BNA_N
 ClientSampleId :
 PB120314BL

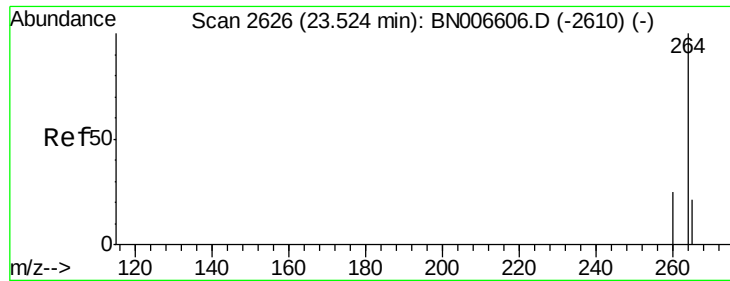
Tgt Ion:149 Resp: 339
 Ion Ratio Lower Upper
 149 100
 167 37.8 22.9 34.3#
 279 8.0 3.3 4.9#



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.001 ng
 RT: 25.77 min Scan# 3281
 Delta R.T. 0.00 min
 Lab File: BN006616.D
 Acq: 28 Jun 2019 16:59

Tgt Ion:276 Resp: 48
 Ion Ratio Lower Upper
 276 100
 138 0.0 19.3 28.9#
 277 10.4 19.9 29.9#





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.50 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

Instrument :

BNA_N

ClientSampleId :

PB120314BL

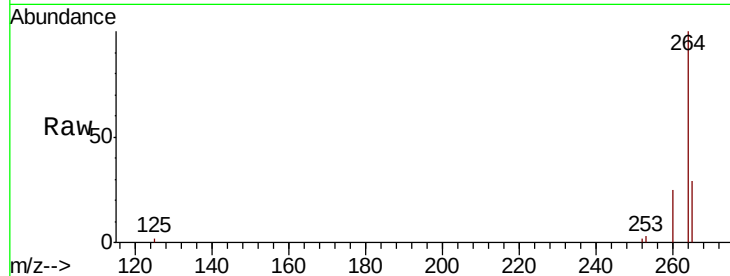
Tgt Ion:264 Resp: 26350

Ion Ratio Lower Upper

264 100

260 25.3 20.2 30.2

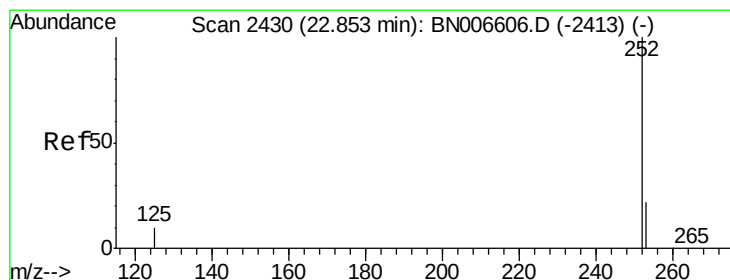
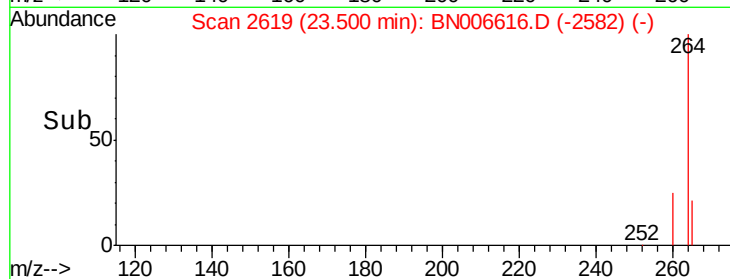
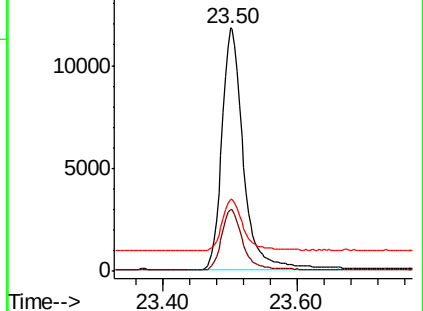
265 29.4 23.3 34.9



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: 0.001 ng

RT: 22.84 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

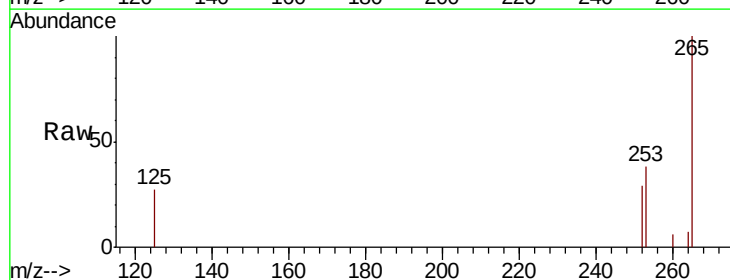
Tgt Ion:252 Resp: 55

Ion Ratio Lower Upper

252 100

253 130.4 18.4 27.6#

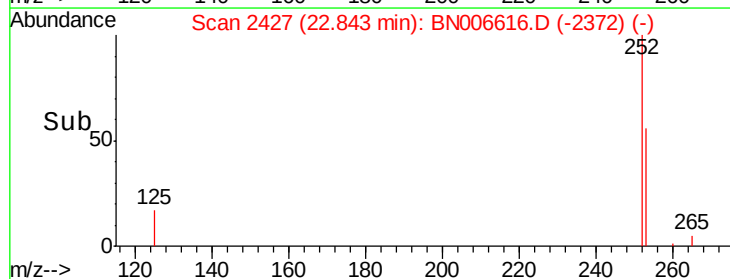
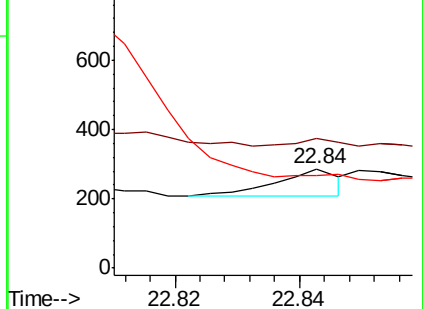
125 93.7 8.7 13.1#

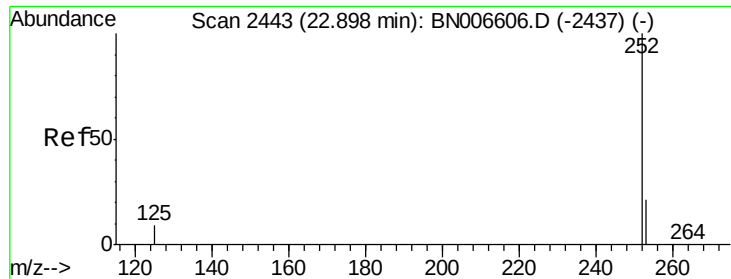


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Benzo(k)fluoranthene

Concen: 0.001 ng

RT: 22.84 min Scan# 2427

Delta R.T. -0.05 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

Instrument :

BNA_N

ClientSampleId :

PB120314BL

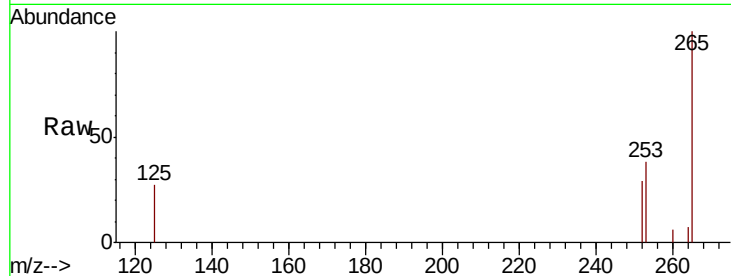
Tgt Ion:252 Resp: 55

Ion Ratio Lower Upper

252 100

253 130.4 18.3 27.5#

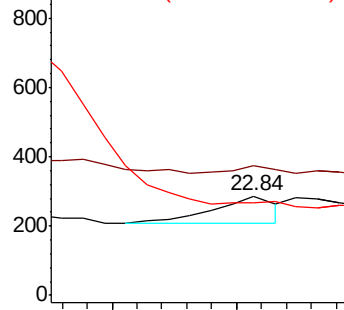
125 93.7 8.4 12.6#



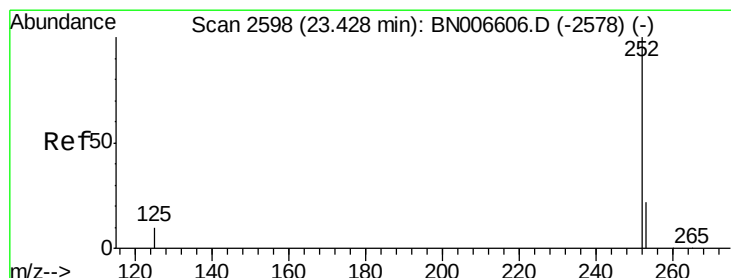
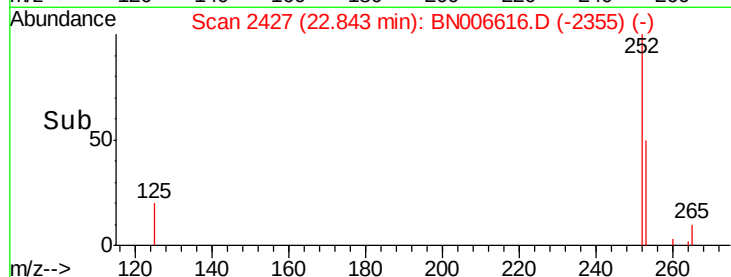
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#37

Benzo(a)pyrene

Concen: 0.001 ng

RT: 23.41 min Scan# 2593

Delta R.T. -0.02 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

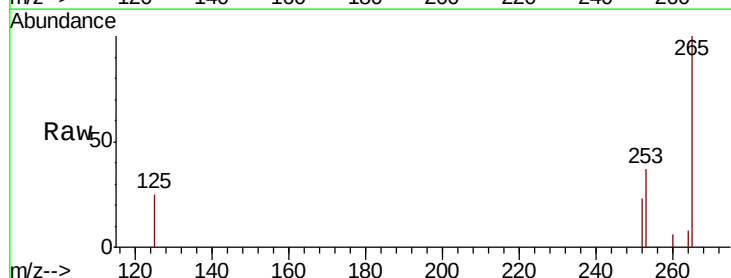
Tgt Ion:252 Resp: 76

Ion Ratio Lower Upper

252 100

253 161.6 18.8 28.2#

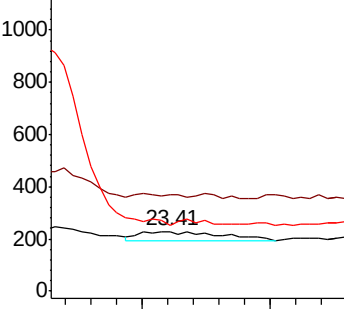
125 110.5 9.4 14.2#



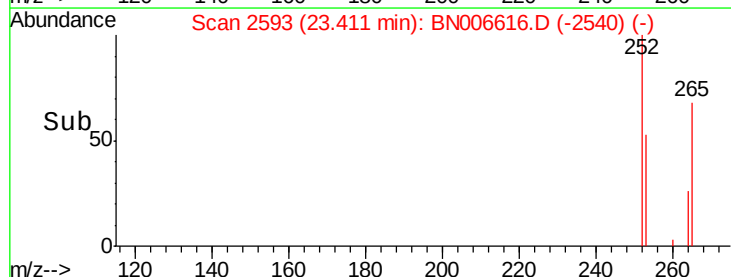
Abundance Ion 252.00 (251.70 to 252.70): E

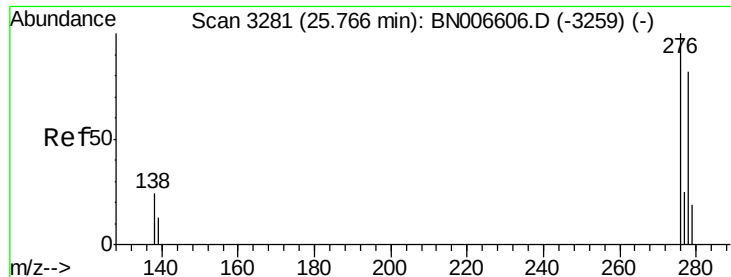
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 25.73 min Scan# 3271

Delta R.T. -0.03 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

Instrument :

BNA_N

ClientSampleId :

PB120314BL

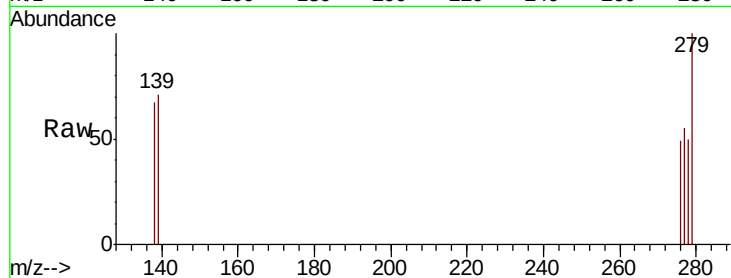
Tgt Ion:278 Resp: 5

Ion Ratio Lower Upper

278 100

139 143.3 13.5 20.3#

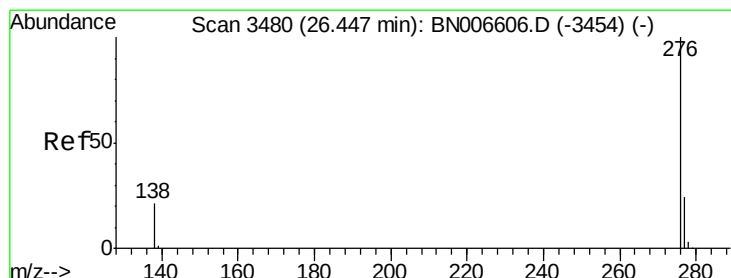
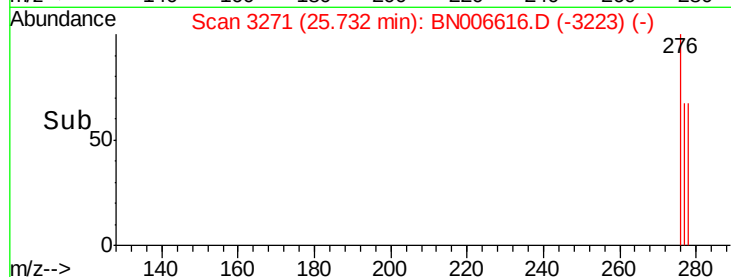
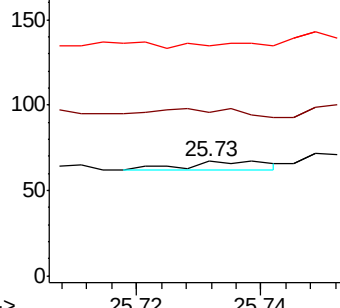
279 201.5 19.4 29.2#



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(g,h,i)perylene

Concen: 0.000 ng

RT: 26.43 min Scan# 3476

Delta R.T. -0.01 min

Lab File: BN006616.D

Acq: 28 Jun 2019 16:59

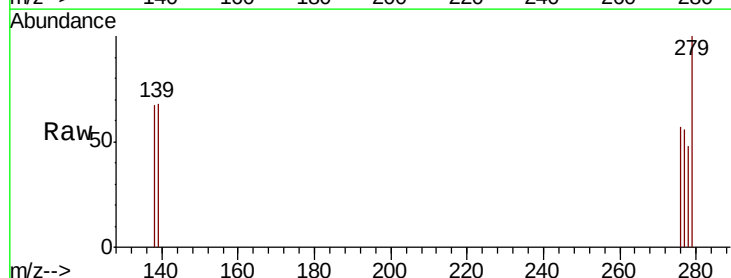
Tgt Ion:276 Resp: 16

Ion Ratio Lower Upper

276 100

277 97.4 19.6 29.4#

138 117.1 17.7 26.5#



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

