

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082919\
 Data File : BN007499.D
 Acq On : 29 Aug 2019 12:32
 Operator : HP/JU
 Sample : K4515-02DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S302B-J-1.5-2.0-082319DL

Quant Time: Aug 29 13:05:41 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 29 12:18:45 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	7906	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	35002	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	20696	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	47717	0.40	ng	0.00
27) Chrysene-d12	21.02	240	70839	0.40	ng	0.00
34) Perylene-d12	23.12	264	76303	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.03	112	3765	0.12	ng	0.00
5) Phenol-d6	6.59	99	5327	0.13	ng	0.00
8) Nitrobenzene-d5	8.53	82	3992	0.13	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	7071	0.12	ng	0.00
14) 2,4,6-Tribromophenol	15.54	330	1975	0.18	ng	-0.02
15) 2-Fluorobiphenyl	12.65	172	9398	0.11	ng	0.00
25) Fluoranthene-d10	18.84	212	14844	0.10	ng	0.00
29) Terphenyl-d14	19.46	244	362071	1.95	ng	0.00

Target Compounds

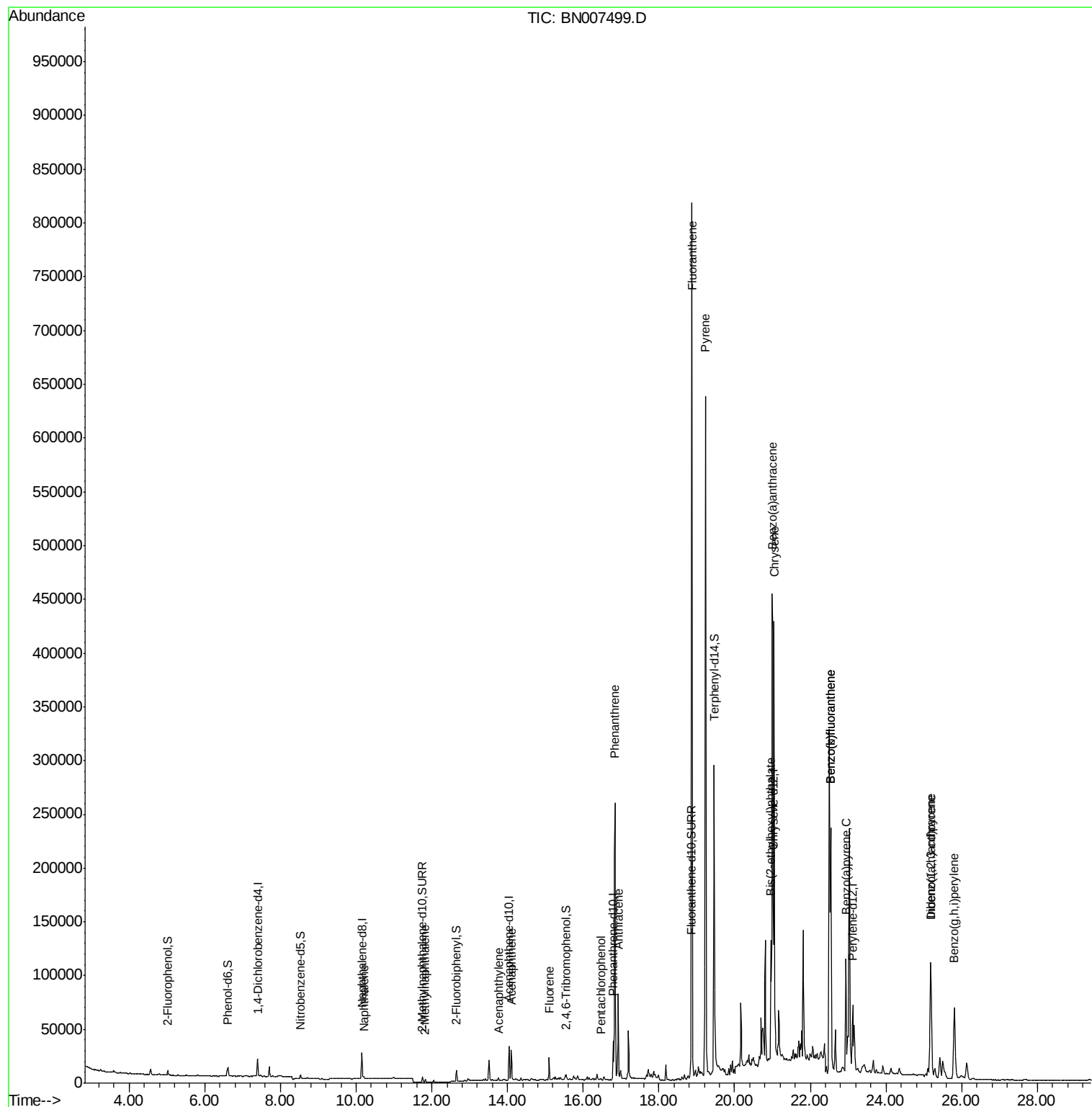
						Qvalue
9) Naphthalene	10.20	128	3129	0.031	ng	# 91
12) 2-Methylnaphthalene	11.82	142	1719	0.025	ng	# 95
16) Acenaphthylene	13.76	152	2821	0.023	ng	# 91
17) Acenaphthene	14.10	154	14169	0.198	ng	97
18) Fluorene	15.09	166	14828	0.164	ng	99
22) Pentachlorophenol	16.46	266	388	0.039	ng	# 75
23) Phenanthrene	16.84	178	279360	1.946	ng	99
24) Anthracene	16.92	178	79381	0.550	ng	# 95
26) Fluoranthene	18.87	202	737497	4.002	ng	98
28) Pyrene	19.23	202	615213	2.159	ng	# 94
30) Benzo(a)anthracene	20.99	228	432720	1.555	ng	99
31) Chrysene	21.05	228	336482	1.253	ng	98
32) Bis(2-ethylhexyl)phthalate	20.96	149	83481	0.445	ng	99
33) Indeno(1,2,3-cd)pyrene	25.18	276	152912	0.473	ng	98
35) Benzo(b)fluoranthene	22.54	252	254117	0.919	ng	98
36) Benzo(k)fluoranthene	22.54	252	263703	0.965	ng	99
37) Benzo(a)pyrene	22.94	252	132030	0.502	ng	99
38) Dibenzo(a,h)anthracene	25.19	278	64168	0.244	ng	96
39) Benzo(g,h,i)perylene	25.81	276	136156	0.521	ng	99

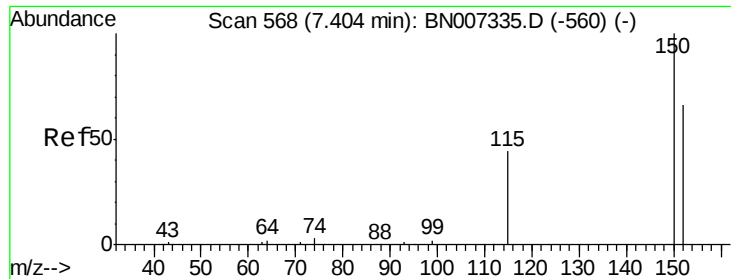
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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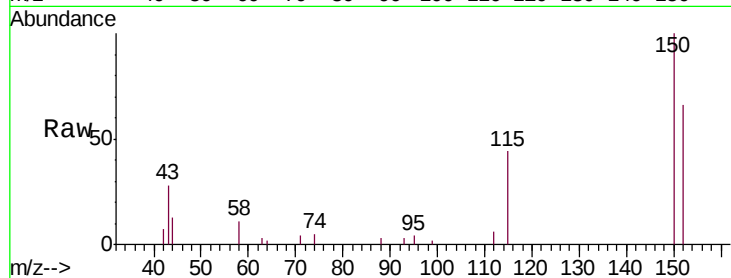


#1

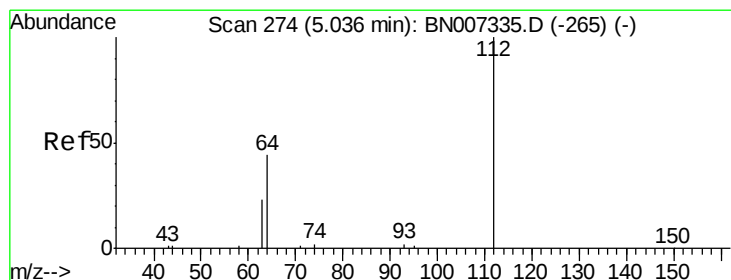
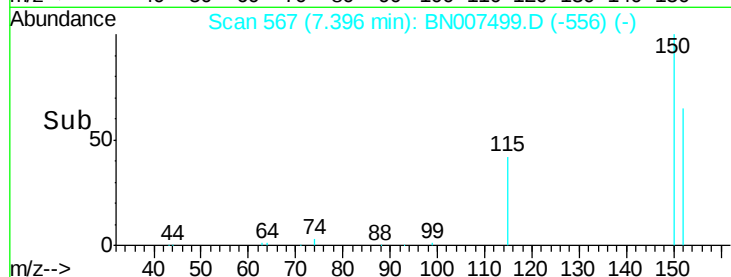
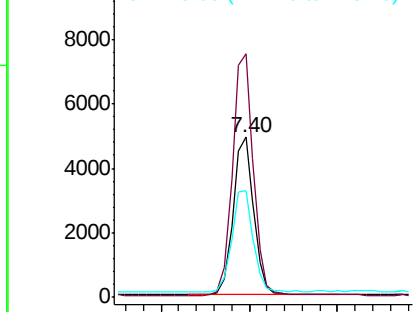
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
S302B-J-1.5-2.0-082319DL

Tgt Ion:152 Resp: 7906
Ion Ratio Lower Upper
152 100
150 152.2 109.1 163.7
115 67.0 59.6 89.4



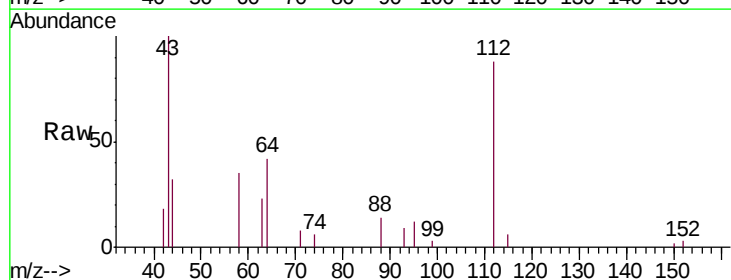
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



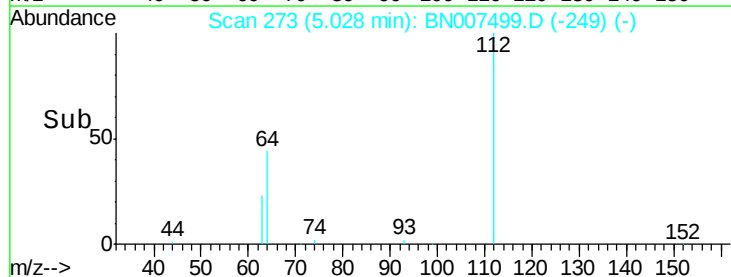
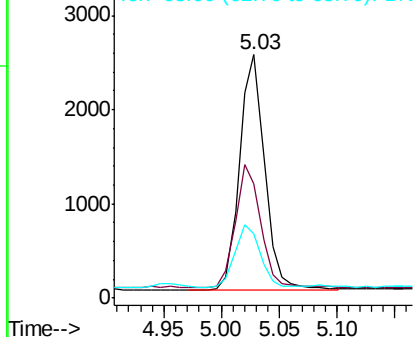
#4

2-Fluorophenol
Concen: 0.117 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007499.D
Acq: 29 Aug 2019 12:32

Tgt Ion:112 Resp: 3765
Ion Ratio Lower Upper
112 100
64 53.5 42.3 63.5
63 27.6 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.132 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

S302B-J-1.5-2.0-082319DL

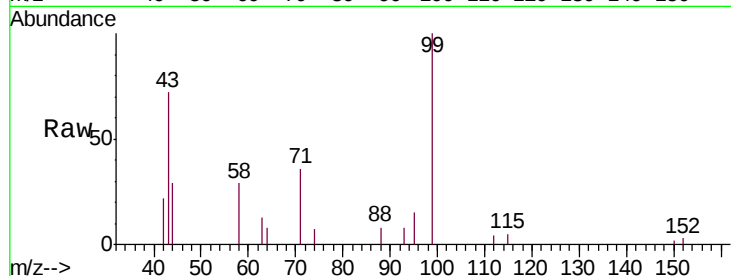
Tgt Ion: 99 Resp: 5327

Ion Ratio Lower Upper

99 100

42 18.7 11.2 16.8#

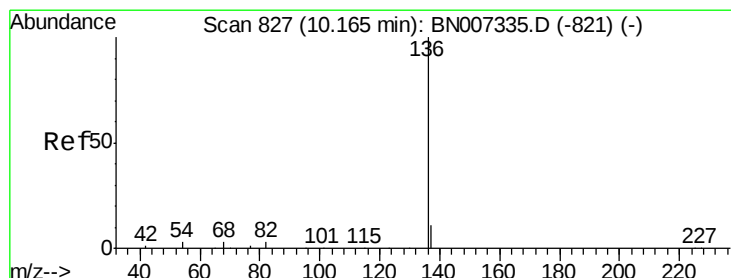
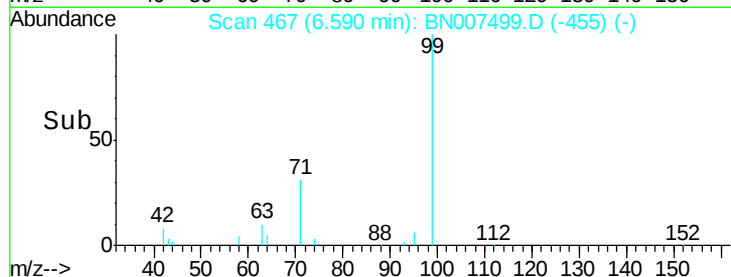
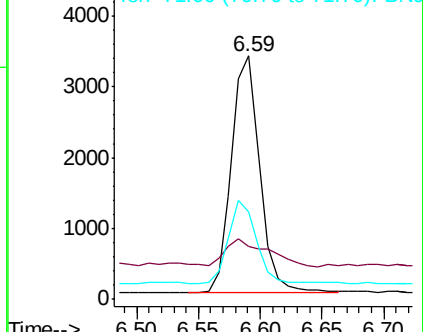
71 34.7 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007335.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007335.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007335.D (-462) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

Tgt Ion: 136 Resp: 35002

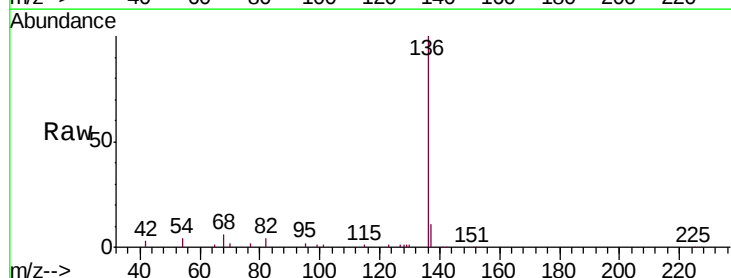
Ion Ratio Lower Upper

136 100

137 11.4 12.9 19.3#

54 4.1 8.6 12.8#

68 5.8 17.0 25.4#

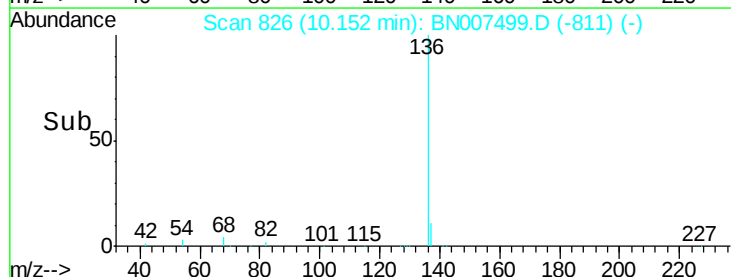
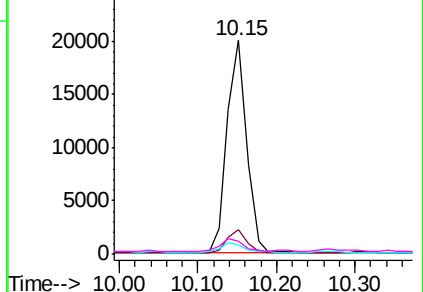


Abundance Ion 136.00 (135.70 to 136.70): BN007335.D (-821) (-)

Ion 137.00 (136.70 to 137.70): BN007335.D (-821) (-)

Ion 54.00 (53.70 to 54.70): BN007335.D (-821) (-)

Ion 68.00 (67.70 to 68.70): BN007335.D (-821) (-)





#8

Nitrobenzene-d5

Concen: 0.131 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

S302B-J-1.5-2.0-082319DL

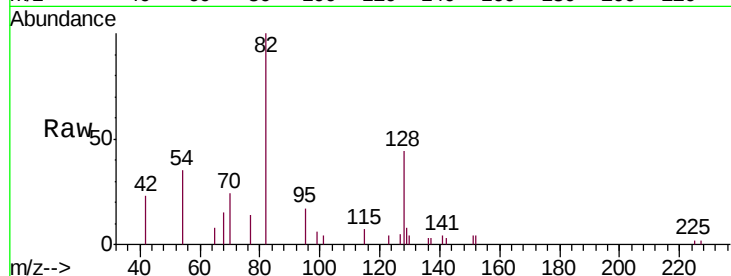
Tgt Ion: 82 Resp: 3992

Ion Ratio Lower Upper

82 100

128 43.9 19.7 29.5#

54 34.6 25.8 38.6

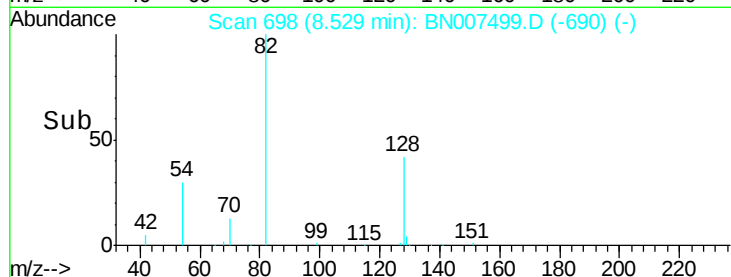


Abundance Ion 82.00 (81.70 to 82.70): BN007499.D (-690) (-)

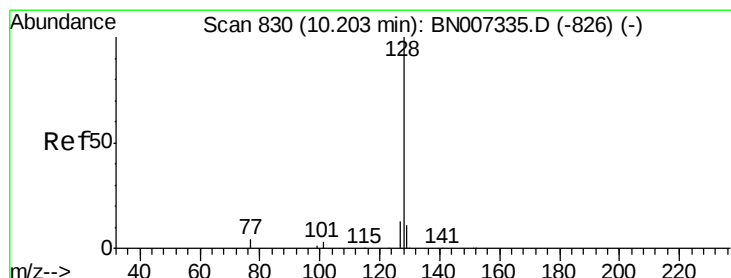
Ion 128.00 (127.70 to 128.70): BN007499.D (-690) (-)

Ion 54.00 (53.70 to 54.70): BN007499.D (-690) (-)

Time-->



Time-->



#9

Naphthalene

Concen: 0.031 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

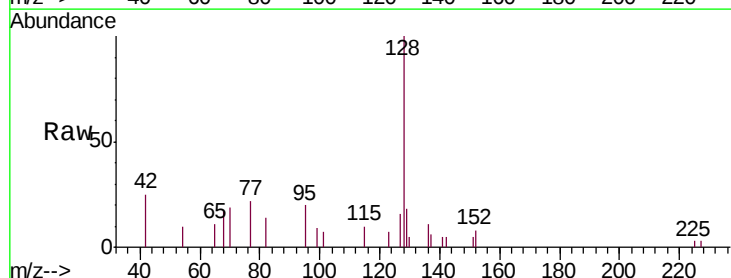
Tgt Ion: 128 Resp: 3129

Ion Ratio Lower Upper

128 100

129 18.3 11.1 16.7#

127 16.2 15.5 23.3

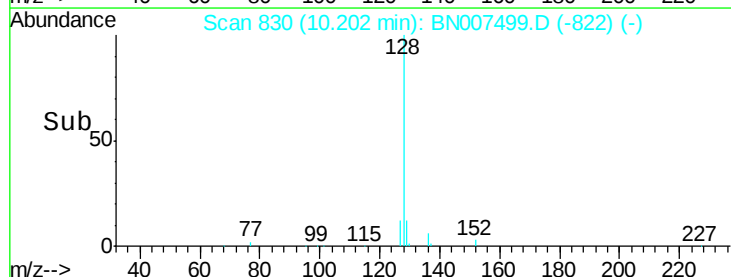


Abundance Ion 128.00 (127.70 to 128.70): BN007499.D (-822) (-)

Ion 129.00 (128.70 to 129.70): BN007499.D (-822) (-)

Ion 127.00 (126.70 to 127.70): BN007499.D (-822) (-)

Time-->



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.122 ng

RT: 11.75 min Scan# 988

Delta R.T. -0.01 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

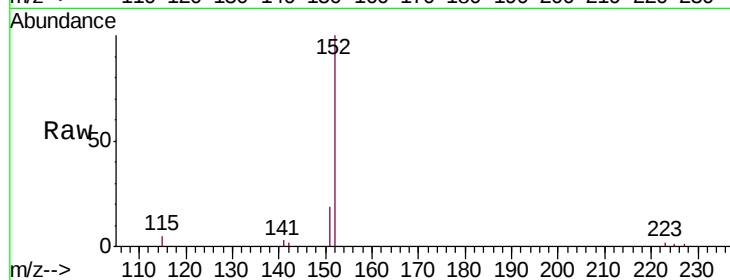
S302B-J-1.5-2.0-082319DL

Tgt Ion:152 Resp: 7071

Ion Ratio Lower Upper

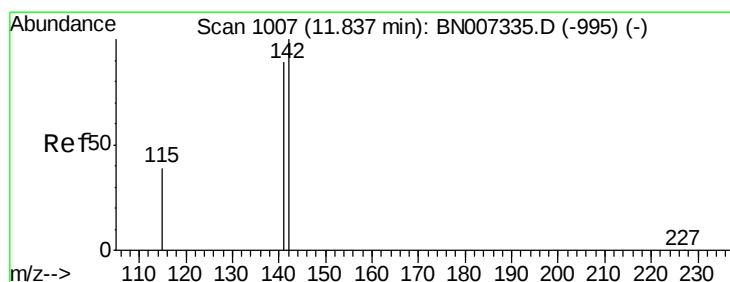
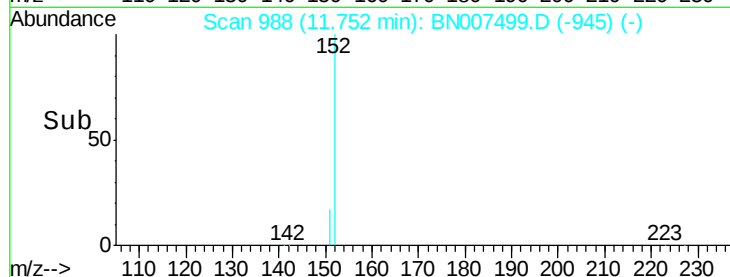
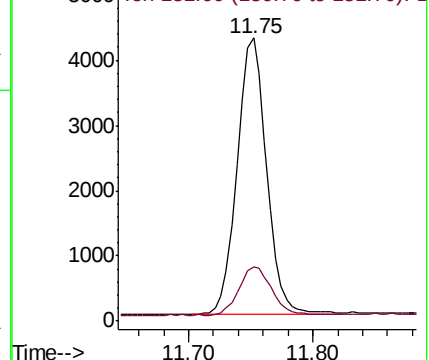
152 100

151 19.4 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.025 ng

RT: 11.82 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

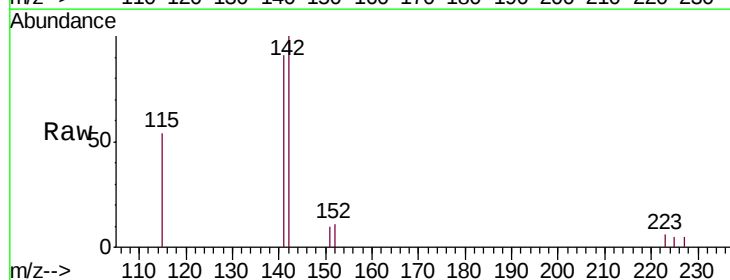
Tgt Ion:142 Resp: 1719

Ion Ratio Lower Upper

142 100

141 91.2 72.8 109.2

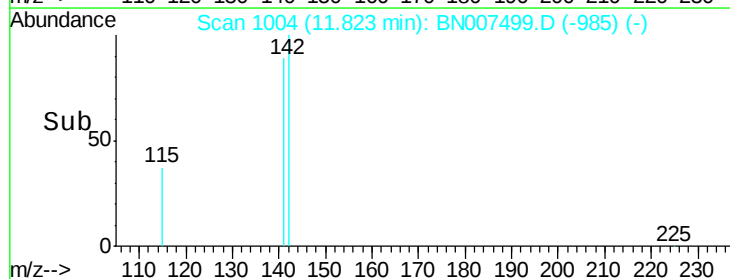
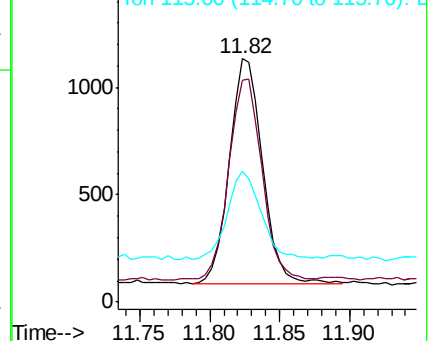
115 54.0 35.2 52.8#



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: 14.03 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

S302B-J-1.5-2.0-082319DL

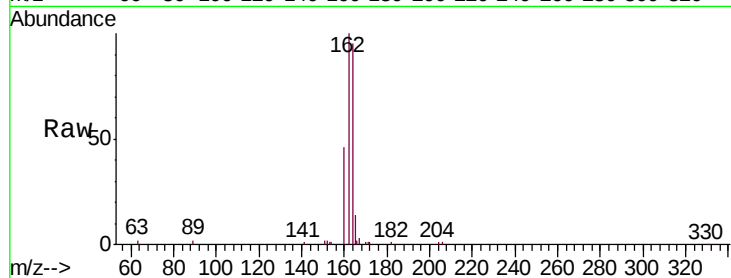
Tgt Ion:164 Resp: 20696

Ion Ratio Lower Upper

164 100

162 105.4 83.5 125.3

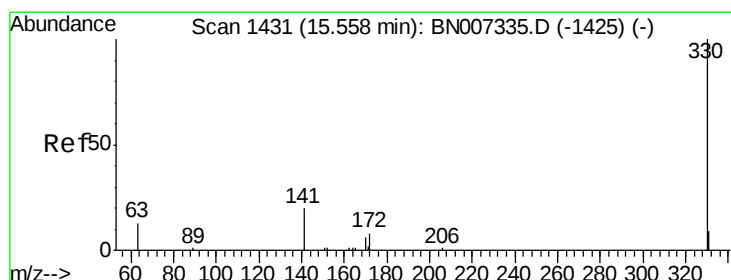
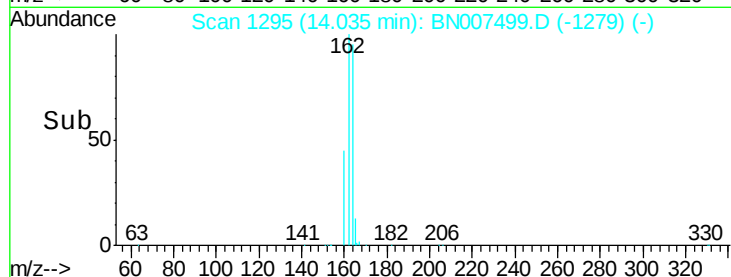
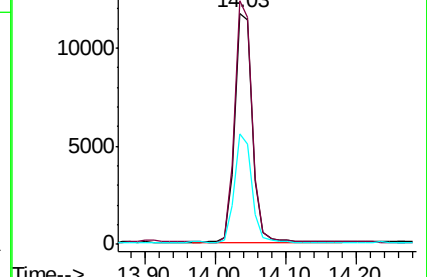
160 48.1 38.2 57.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.182 ng

RT: 15.54 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

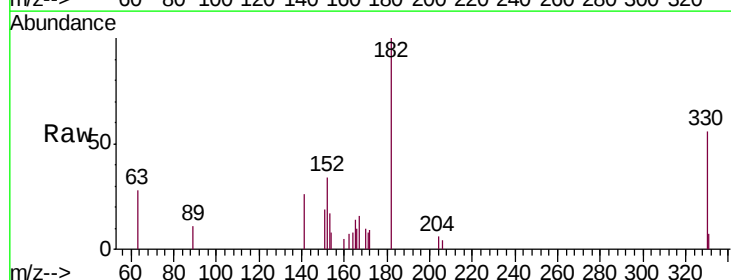
Tgt Ion:330 Resp: 1975

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

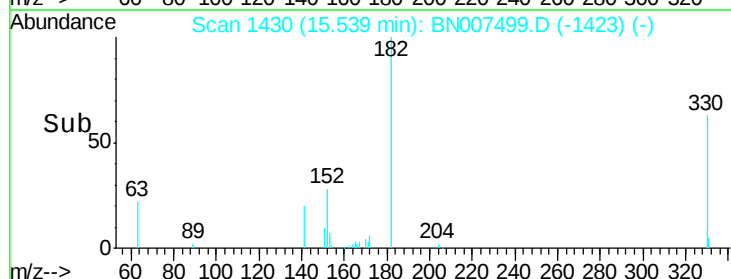
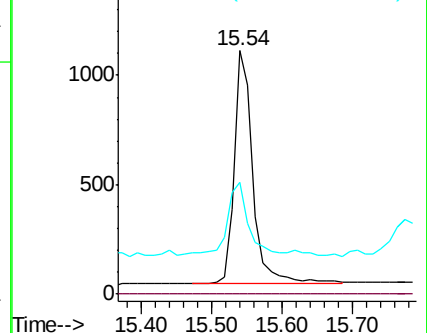
141 34.4 26.9 40.3

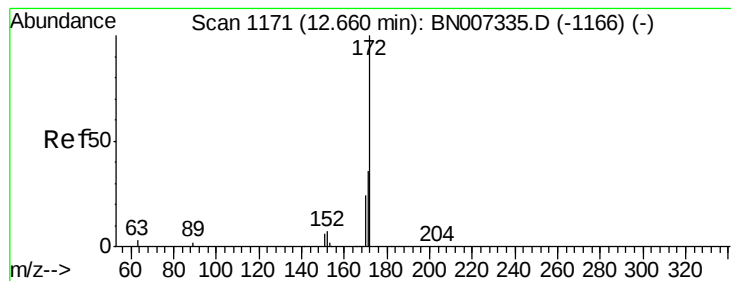


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.113 ng

RT: 12.65 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

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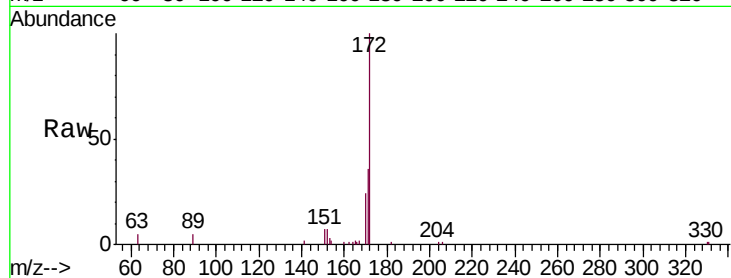
Tgt Ion:172 Resp: 9398

Ion Ratio Lower Upper

172 100

171 35.7 30.3 45.5

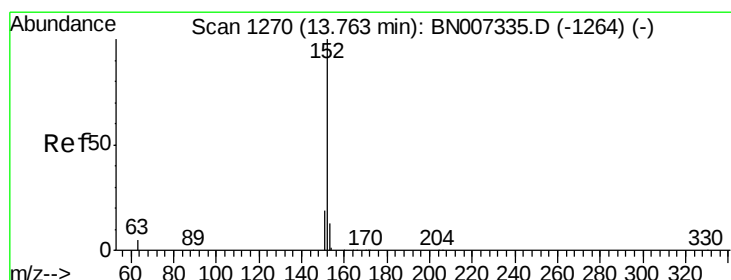
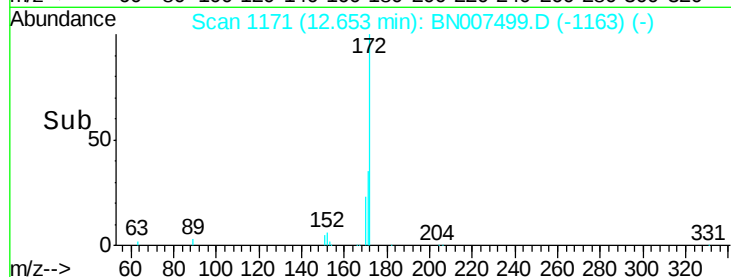
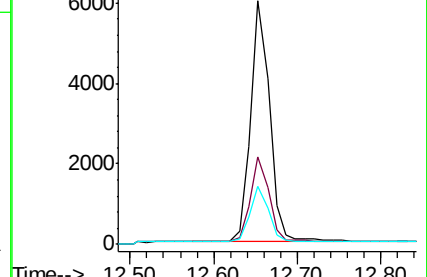
170 23.8 20.7 31.1



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: 0.023 ng

RT: 13.76 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

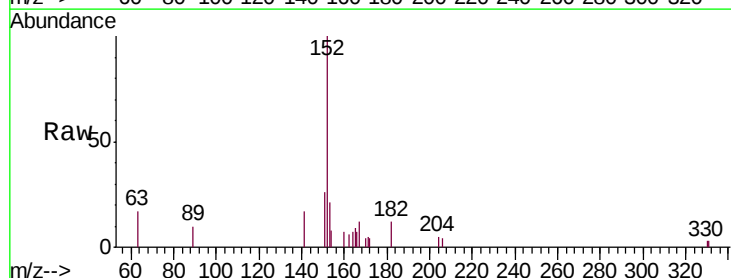
Tgt Ion:152 Resp: 2821

Ion Ratio Lower Upper

152 100

151 25.2 16.1 24.1#

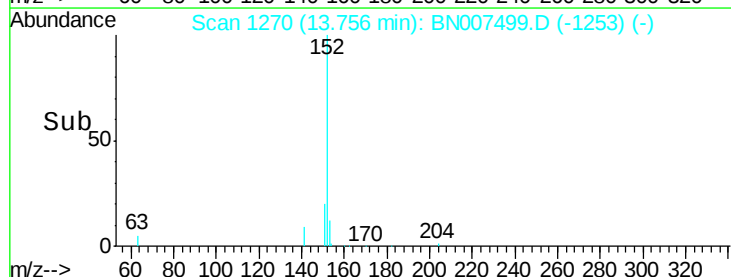
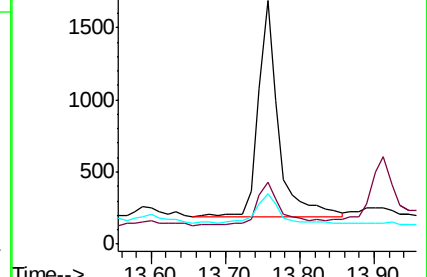
153 15.1 10.6 15.8

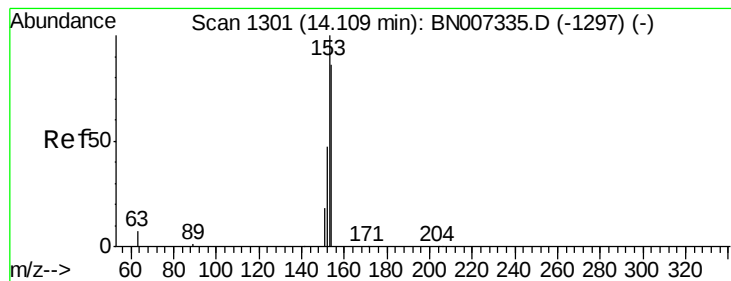


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.198 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

S302B-J-1.5-2.0-082319DL

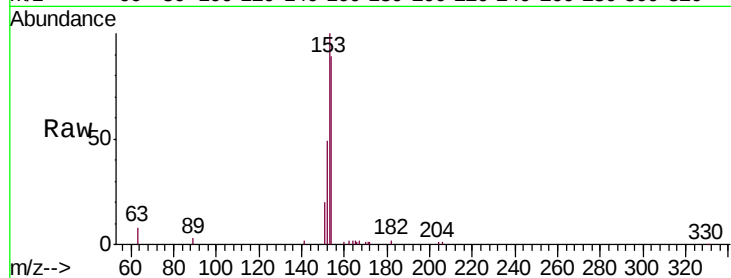
Tgt Ion:154 Resp: 14169

Ion Ratio Lower Upper

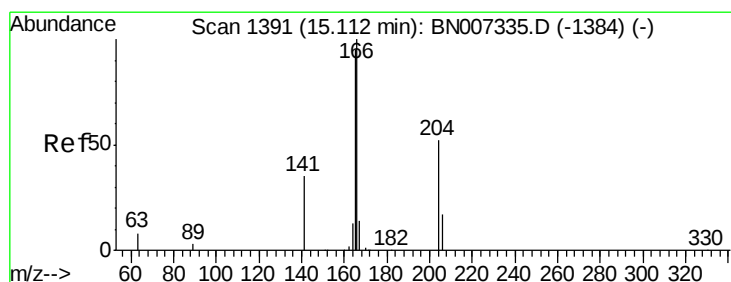
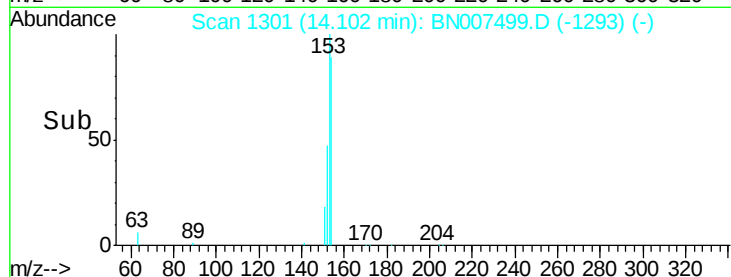
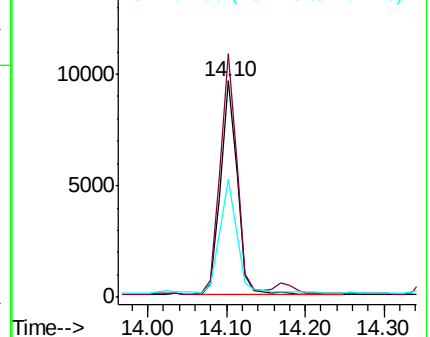
154 100

153 112.0 92.8 139.2

152 53.4 43.8 65.8



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: 0.164 ng

RT: 15.09 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

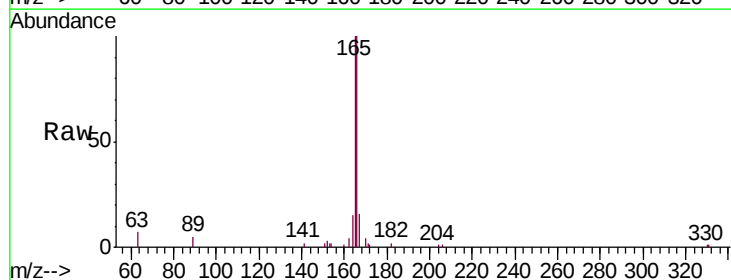
Tgt Ion:166 Resp: 14828

Ion Ratio Lower Upper

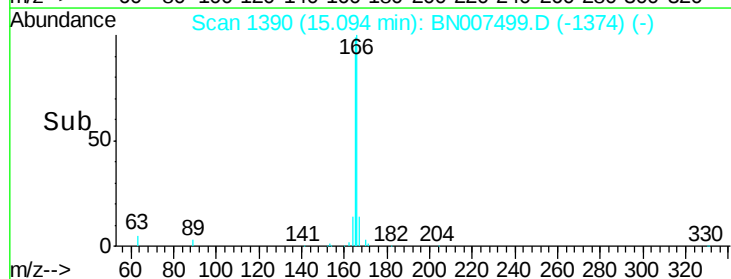
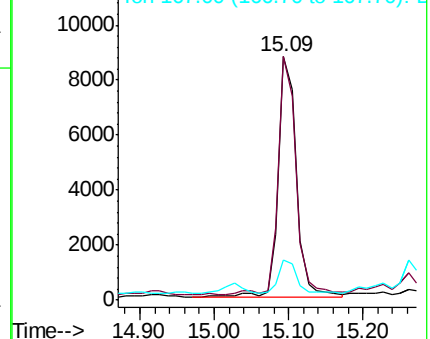
166 100

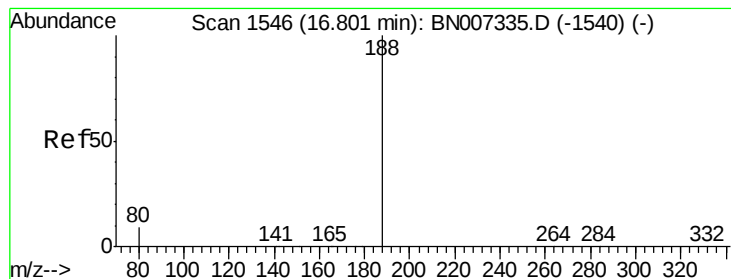
165 97.9 79.0 118.4

167 13.8 10.6 15.8



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: 16.79 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

Instrument :

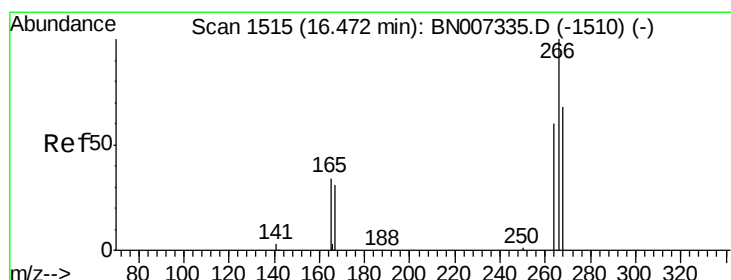
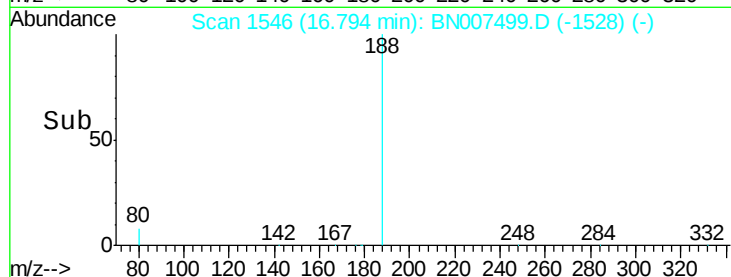
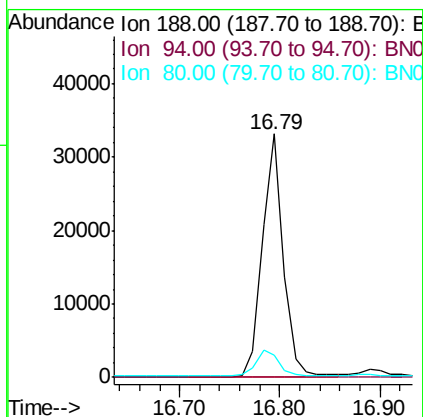
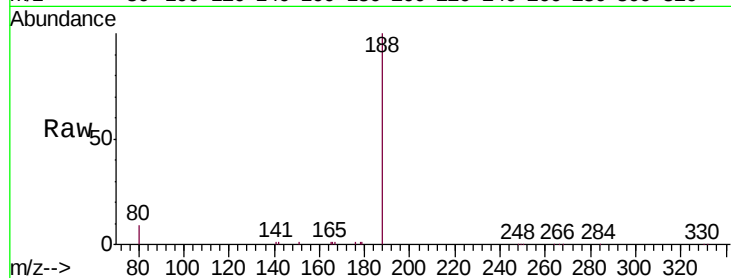
BNA_N

ClientSampleId :

S302B-J-1.5-2.0-082319DL

Tgt Ion:188 Resp: 47717

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	11.8	17.8#



#22

Pentachlorophenol

Concen: 0.039 ng

RT: 16.46 min Scan# 1515

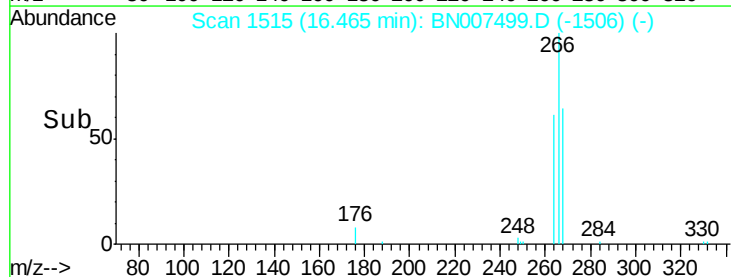
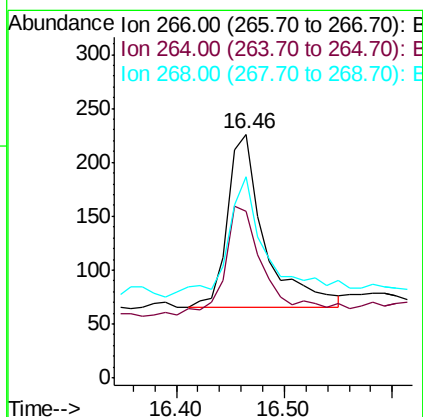
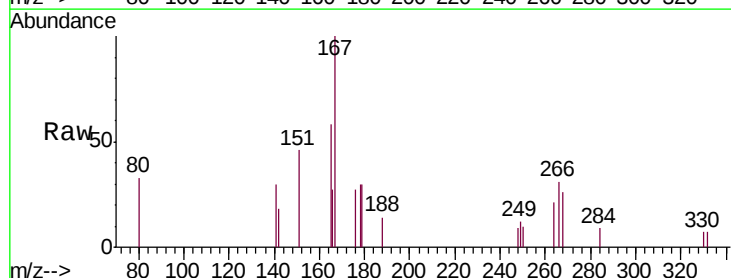
Delta R.T. -0.01 min

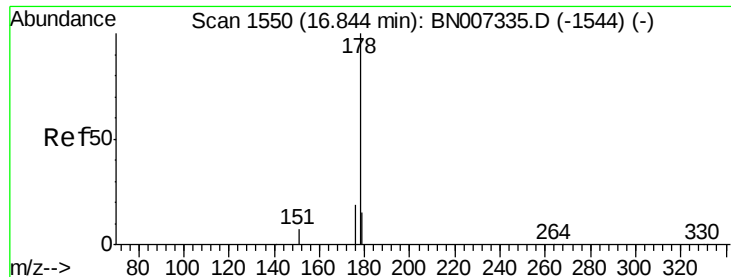
Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

Tgt Ion:266 Resp: 388

Ion	Ratio	Lower	Upper
266	100		
264	68.1	57.8	86.8
268	82.7	99.7	149.5#





#23

Phenanthrene

Concen: 1.946 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

S302B-J-1.5-2.0-082319DL

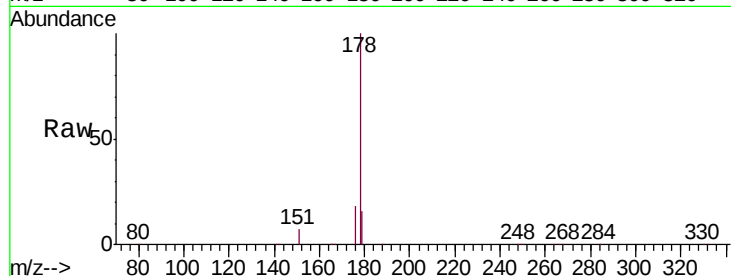
Tgt Ion:178 Resp: 279360

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

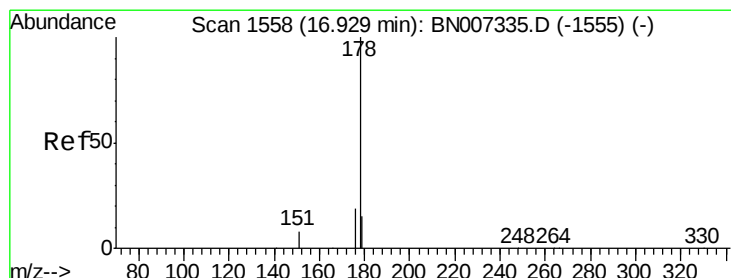
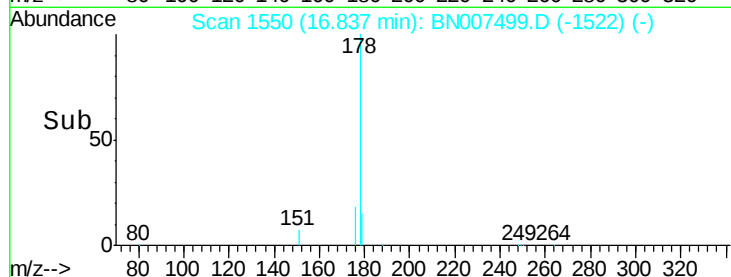
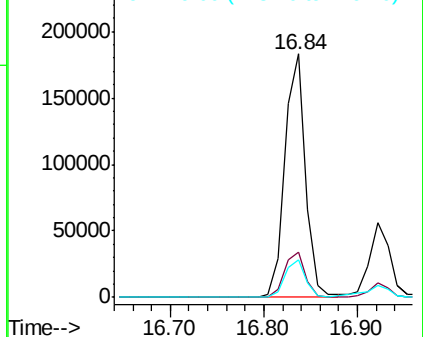
179 15.4 12.6 19.0



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: 0.550 ng

RT: 16.92 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

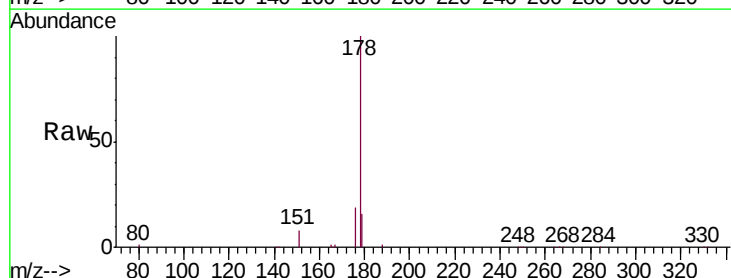
Tgt Ion:178 Resp: 79381

Ion Ratio Lower Upper

178 100

176 19.3 14.9 22.3

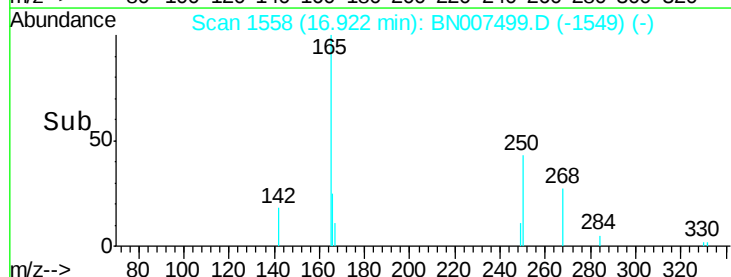
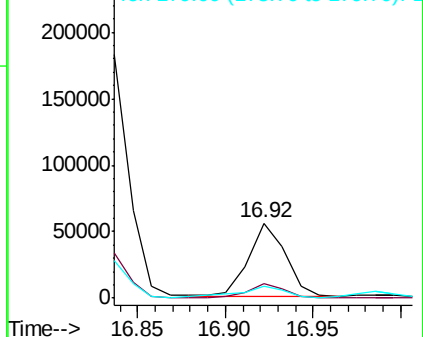
179 19.1 12.4 18.6#

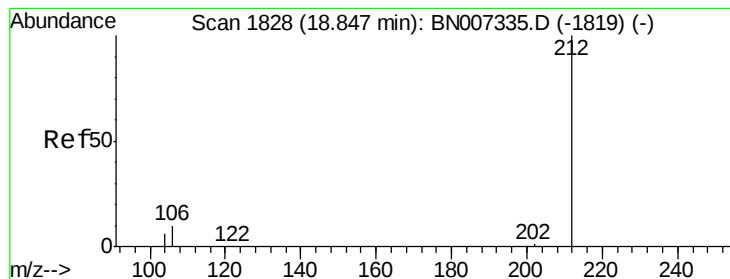


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.097 ng

RT: 18.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

S302B-J-1.5-2.0-082319DL

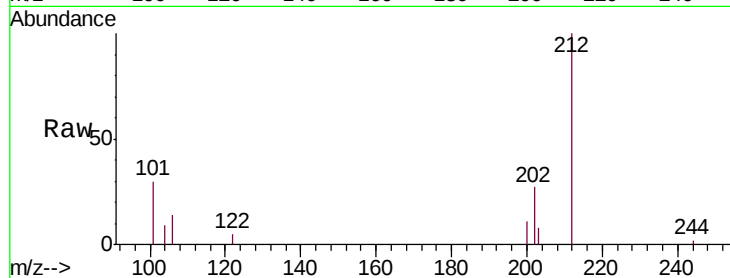
Tgt Ion:212 Resp: 14844

Ion Ratio Lower Upper

212 100

106 12.5 9.0 13.4

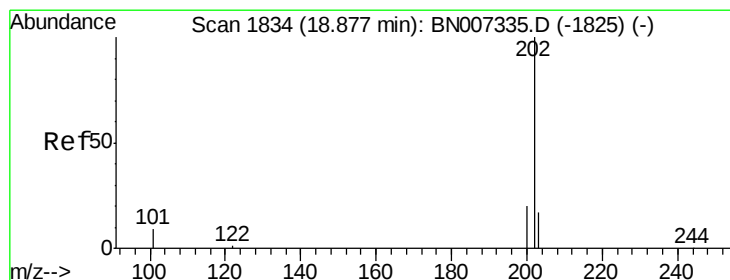
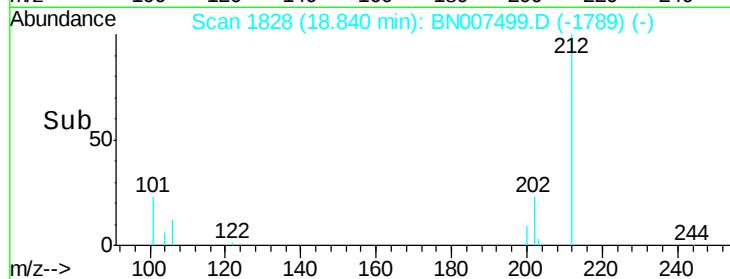
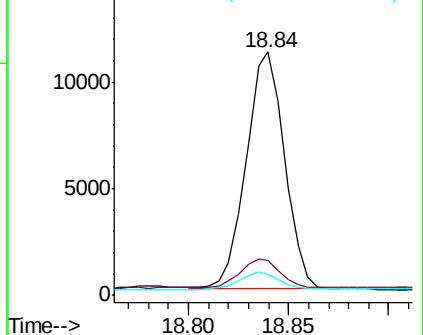
104 7.6 5.4 8.2



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: 4.002 ng

RT: 18.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

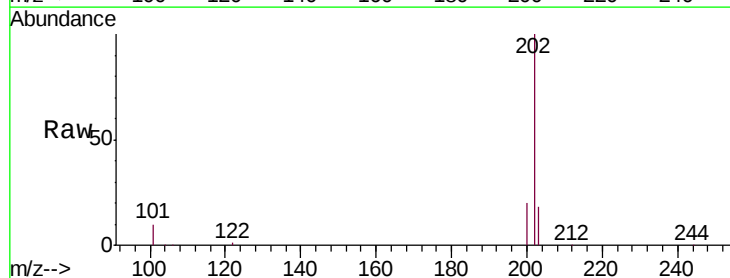
Tgt Ion:202 Resp: 737497

Ion Ratio Lower Upper

202 100

101 10.9 7.7 11.5

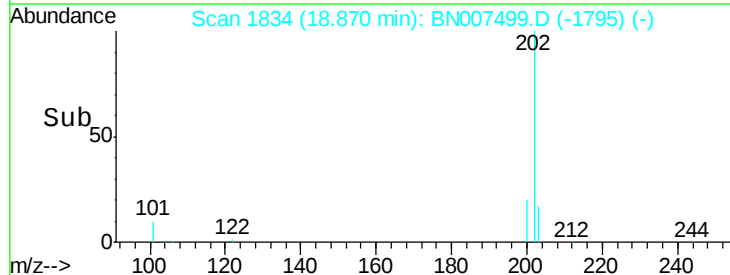
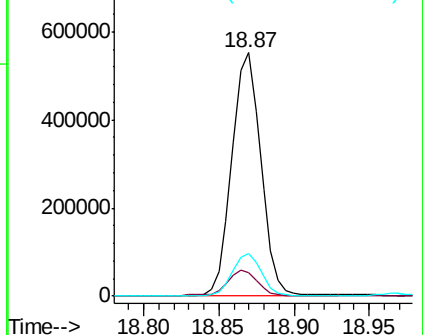
203 17.4 13.7 20.5

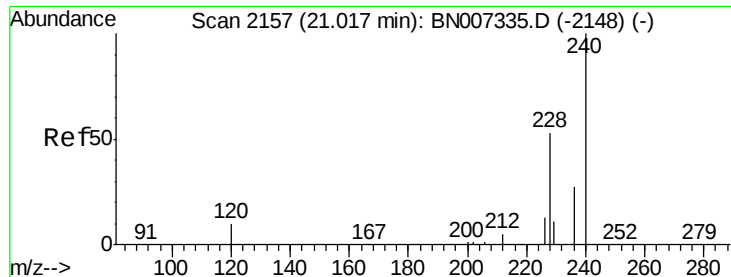


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

S302B-J-1.5-2.0-082319DL

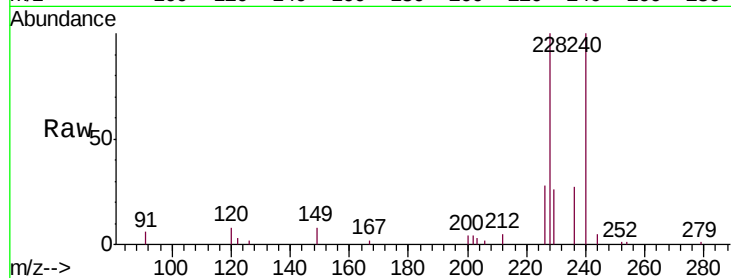
Tgt Ion:240 Resp: 70839

Ion Ratio Lower Upper

240 100

120 8.3 9.6 14.4#

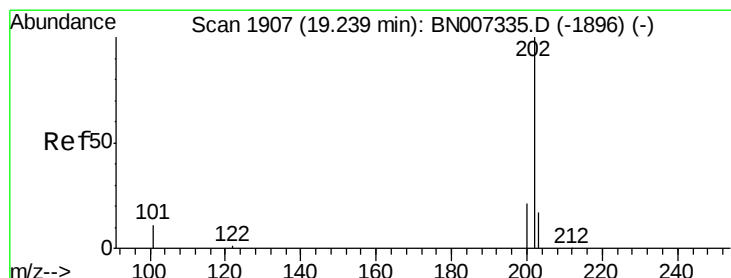
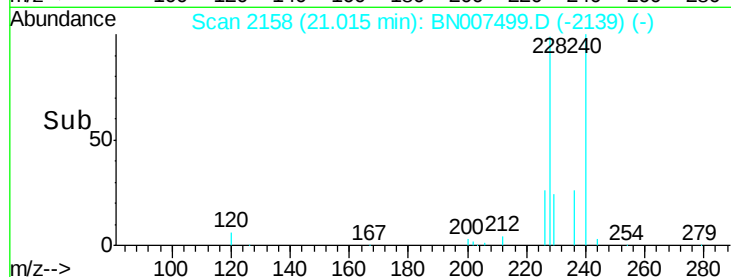
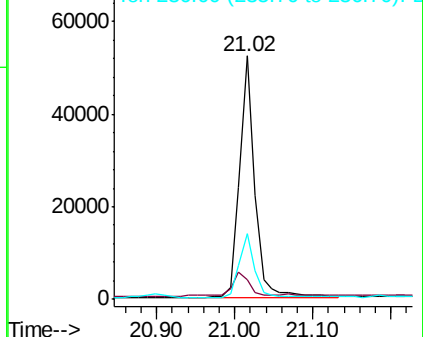
236 26.9 22.2 33.2



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: 2.159 ng

RT: 19.23 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

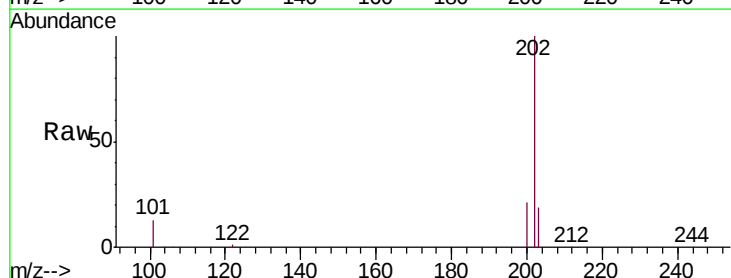
Tgt Ion:202 Resp: 615213

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

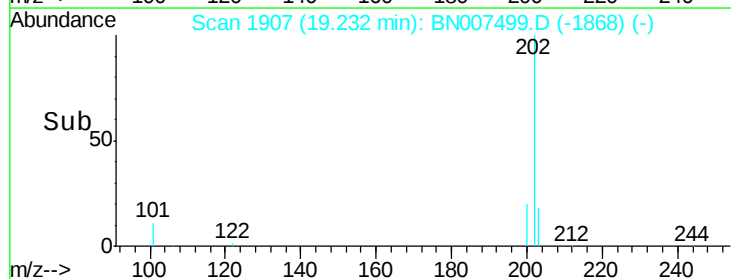
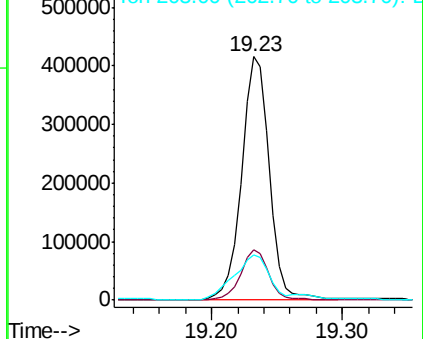
203 23.4 14.2 21.4#

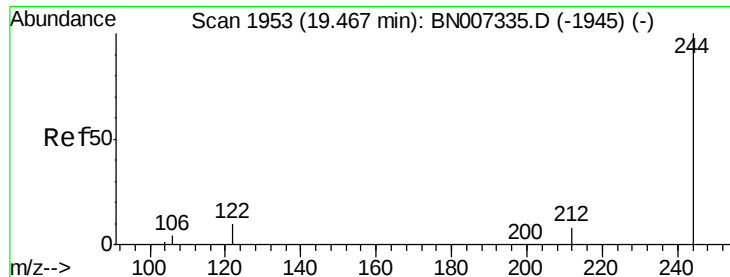


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.953 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

S302B-J-1.5-2.0-082319DL

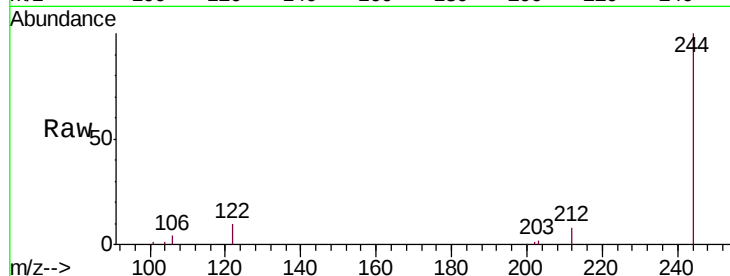
Tgt Ion:244 Resp: 362071

Ion Ratio Lower Upper

244 100

212 7.6 7.0 10.6

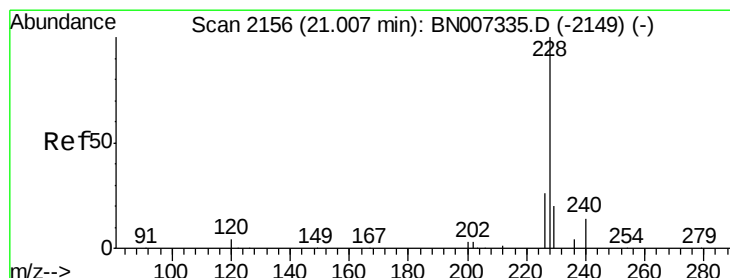
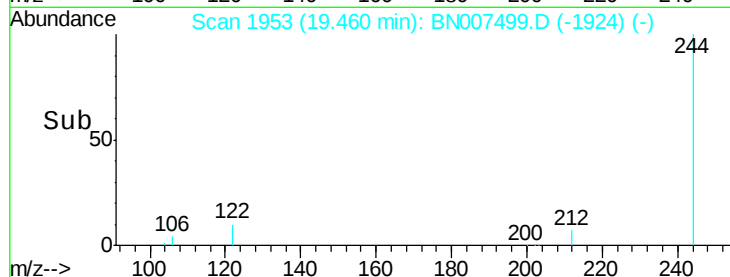
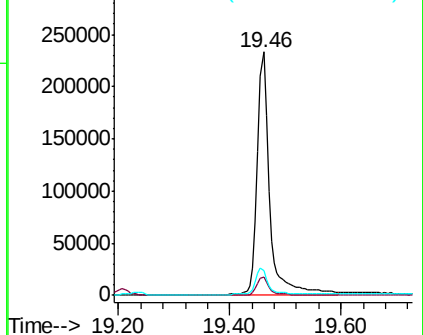
122 10.2 9.6 14.4



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: 1.555 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

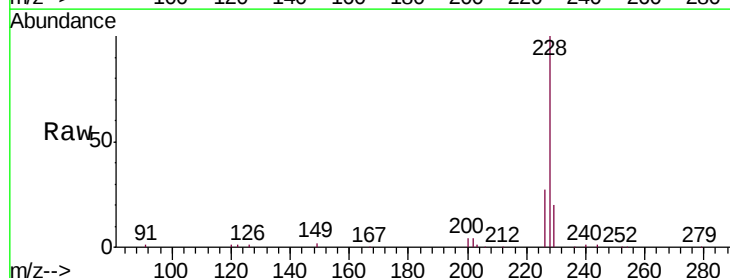
Tgt Ion:228 Resp: 432720

Ion Ratio Lower Upper

228 100

226 27.5 21.3 31.9

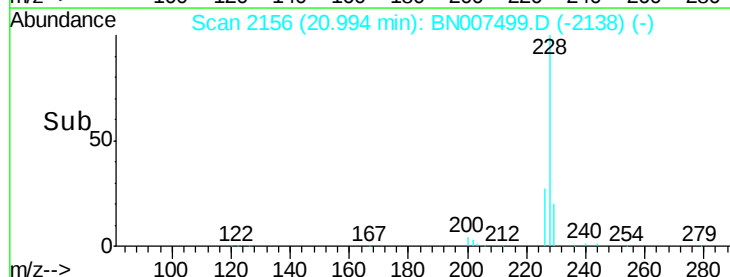
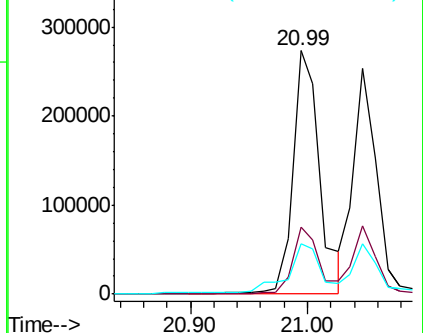
229 20.5 16.1 24.1

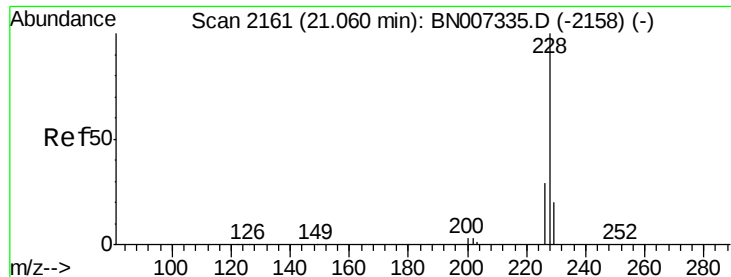


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.253 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

S302B-J-1.5-2.0-082319DL

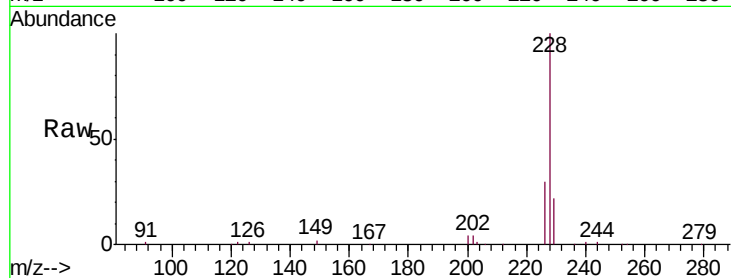
Tgt Ion:228 Resp: 336482

Ion Ratio Lower Upper

228 100

226 30.1 23.5 35.3

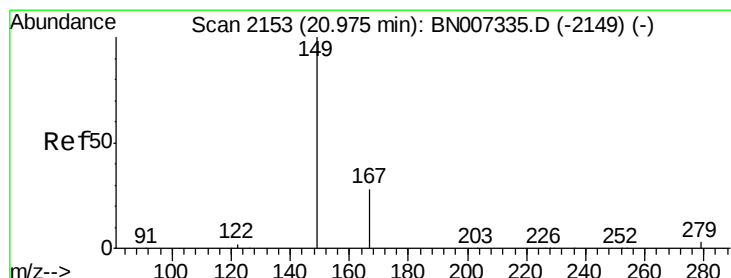
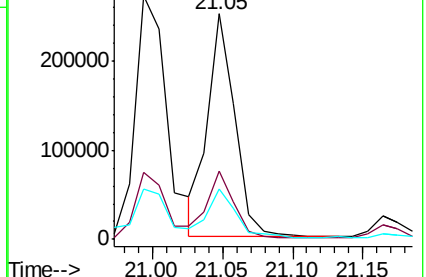
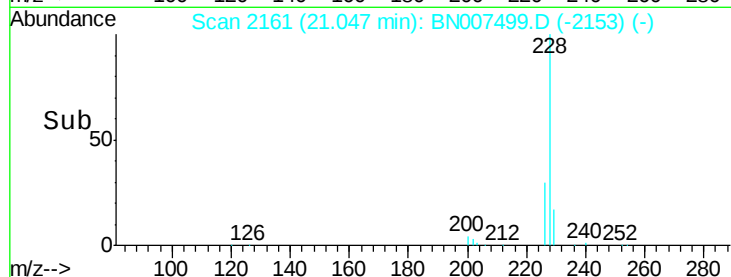
229 22.1 16.6 24.8



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: 0.445 ng

RT: 20.96 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

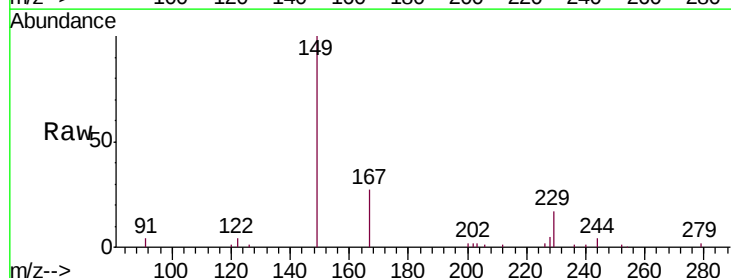
Tgt Ion:149 Resp: 83481

Ion Ratio Lower Upper

149 100

167 28.8 22.8 34.2

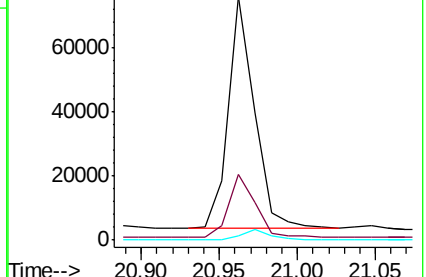
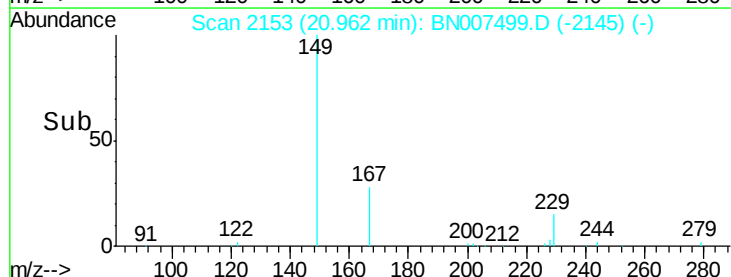
279 4.5 3.5 5.3

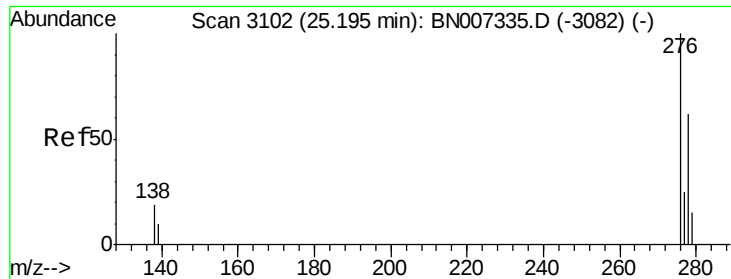


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.473 ng

RT: 25.18 min Scan# 3098

Delta R.T. -0.02 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

S302B-J-1.5-2.0-082319DL

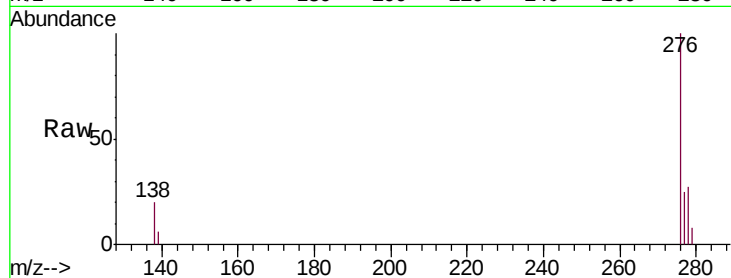
Tgt Ion:276 Resp: 152912

Ion Ratio Lower Upper

276 100

138 19.0 15.1 22.7

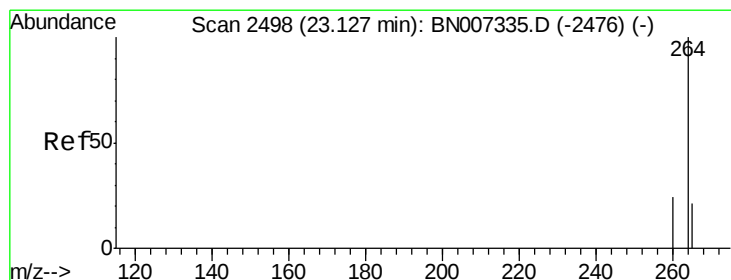
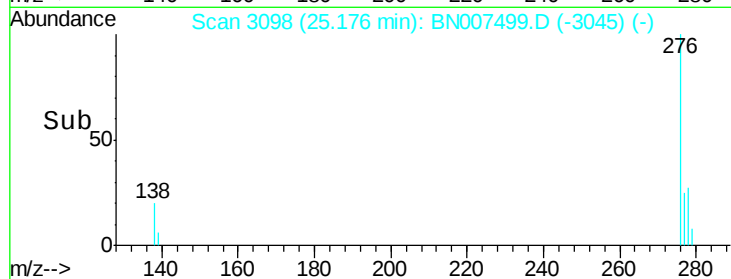
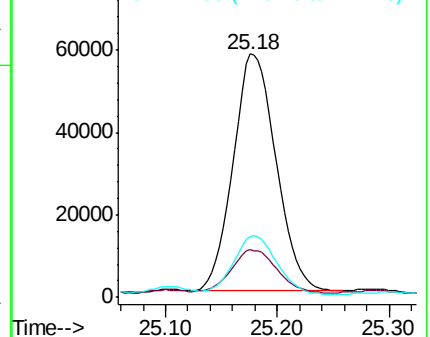
277 25.8 19.7 29.5



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: 23.12 min Scan# 2497

Delta R.T. -0.01 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

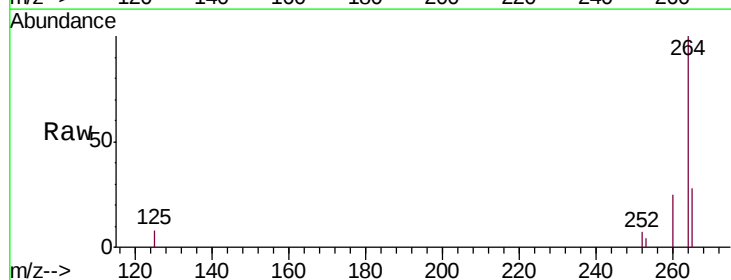
Tgt Ion:264 Resp: 76303

Ion Ratio Lower Upper

264 100

260 25.4 19.7 29.5

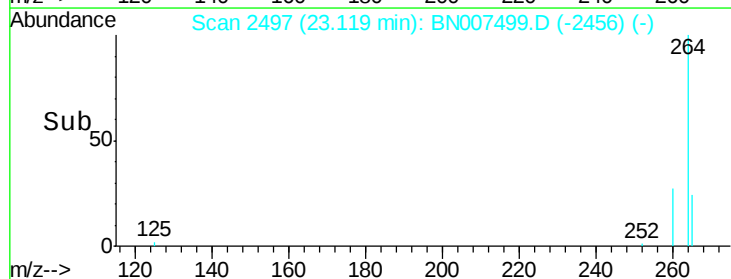
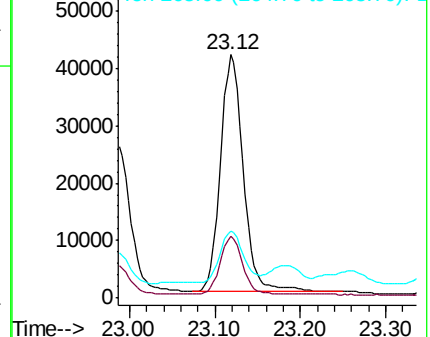
265 27.5 29.9 44.9#

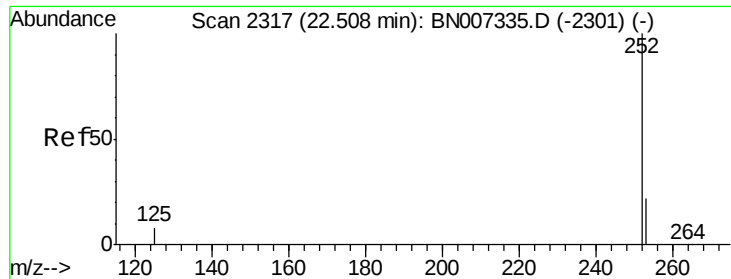


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.919 ng

RT: 22.54 min Scan# 2328

Delta R.T. 0.03 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

S302B-J-1.5-2.0-082319DL

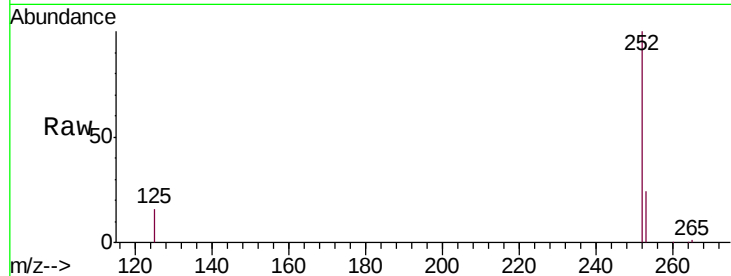
Tgt Ion:252 Resp: 254117

Ion Ratio Lower Upper

252 100

253 23.8 19.2 28.8

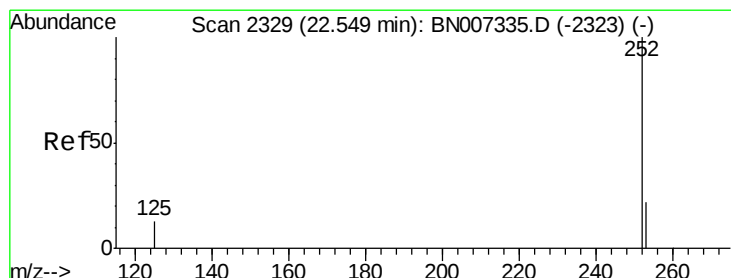
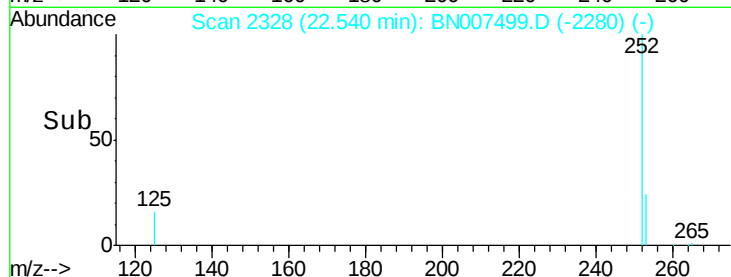
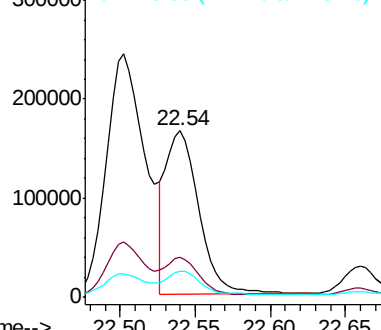
125 15.7 10.6 16.0



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: 0.965 ng

RT: 22.54 min Scan# 2328

Delta R.T. -0.01 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

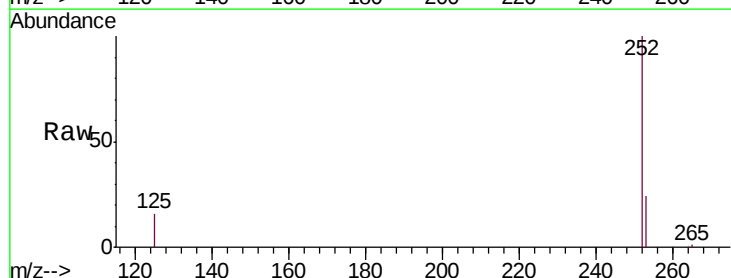
Tgt Ion:252 Resp: 263703

Ion Ratio Lower Upper

252 100

253 23.8 19.4 29.2

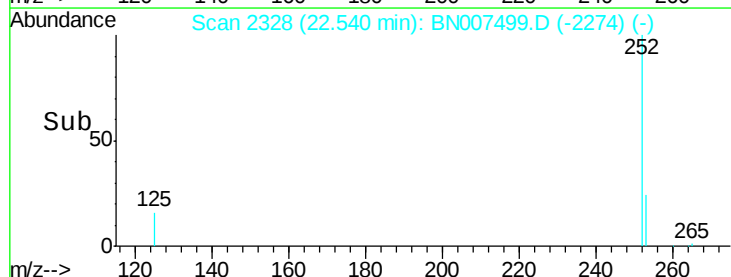
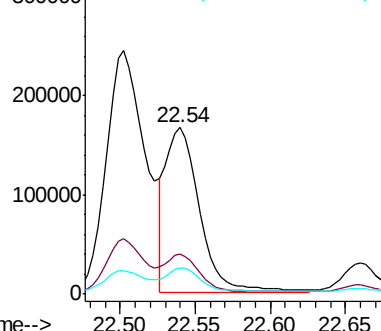
125 15.7 13.1 19.7

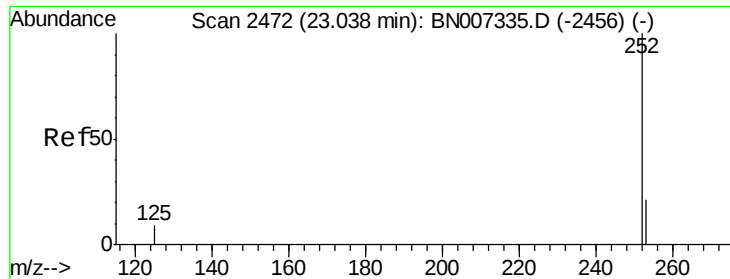


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.502 ng

RT: 22.94 min Scan# 2445

Delta R.T. -0.10 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

S302B-J-1.5-2.0-082319DL

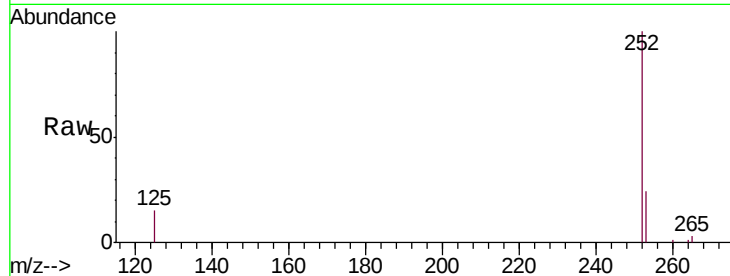
Tgt Ion:252 Resp: 132030

Ion Ratio Lower Upper

252 100

253 24.0 19.5 29.3

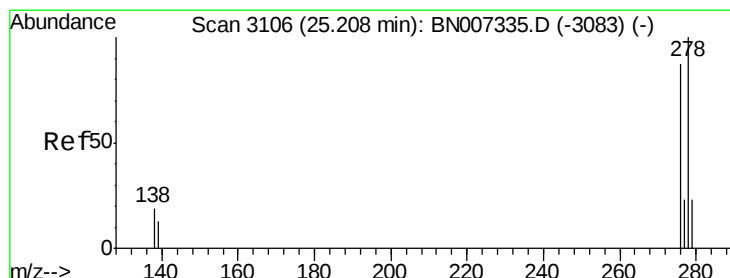
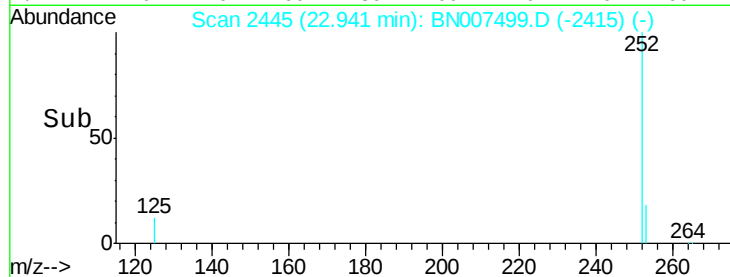
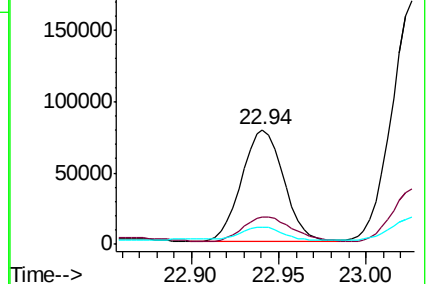
125 15.4 12.1 18.1



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



#38

Dibenzo(a,h)anthracene

Concen: 0.244 ng

RT: 25.19 min Scan# 3103

Delta R.T. -0.02 min

Lab File: BN007499.D

Acq: 29 Aug 2019 12:32

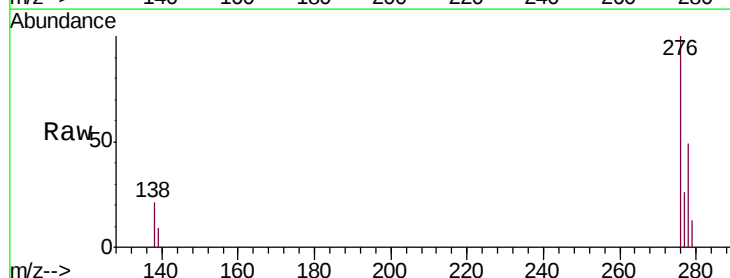
Tgt Ion:278 Resp: 64168

Ion Ratio Lower Upper

278 100

139 18.4 13.7 20.5

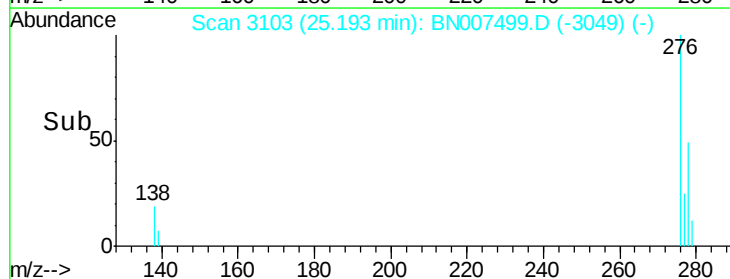
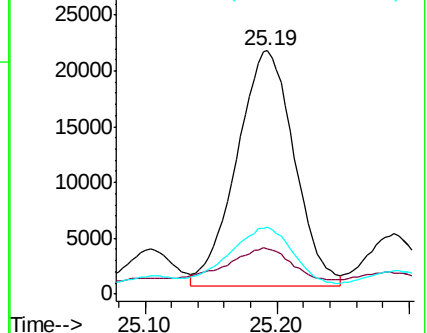
279 27.3 20.2 30.4

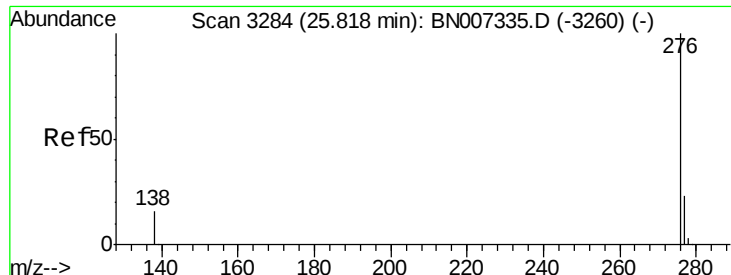


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.521 ng

RT: 25.81 min Scan# 3282

Delta R.T. -0.01 min

Lab File: BN007499.D

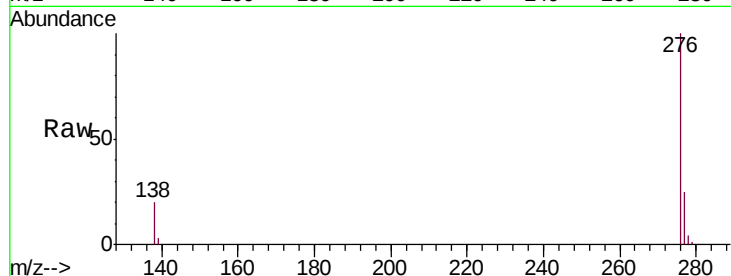
Acq: 29 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

S302B-J-1.5-2.0-082319DL



Tgt Ion: 276 Resp: 136156

Ion Ratio Lower Upper

276 100

277 24.7 19.6 29.4

138 20.1 16.3 24.5

