

Data File : BN007393.D
Acq On : 25 Aug 2019 13:39
Operator : HP/JU
Sample : PB122438BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Quant Time: Aug 26 05:21:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4720	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	19011	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	10491	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	22950	0.40	ng	0.00
27) Chrysene-d12	21.02	240	24422	0.40	ng	0.00
34) Perylene-d12	23.12	264	29746	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.03	112	9413	0.59	ng	0.00
5) Phenol-d6	6.59	99	12525	0.62	ng	0.00
8) Nitrobenzene-d5	8.53	82	10445	0.63	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	7244	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	3483	0.63	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	26799	0.63	ng	0.00
25) Fluoranthene-d10	18.84	212	17255	0.23	ng	0.00
29) Terphenyl-d14	19.47	244	38976	0.61	ng	0.00

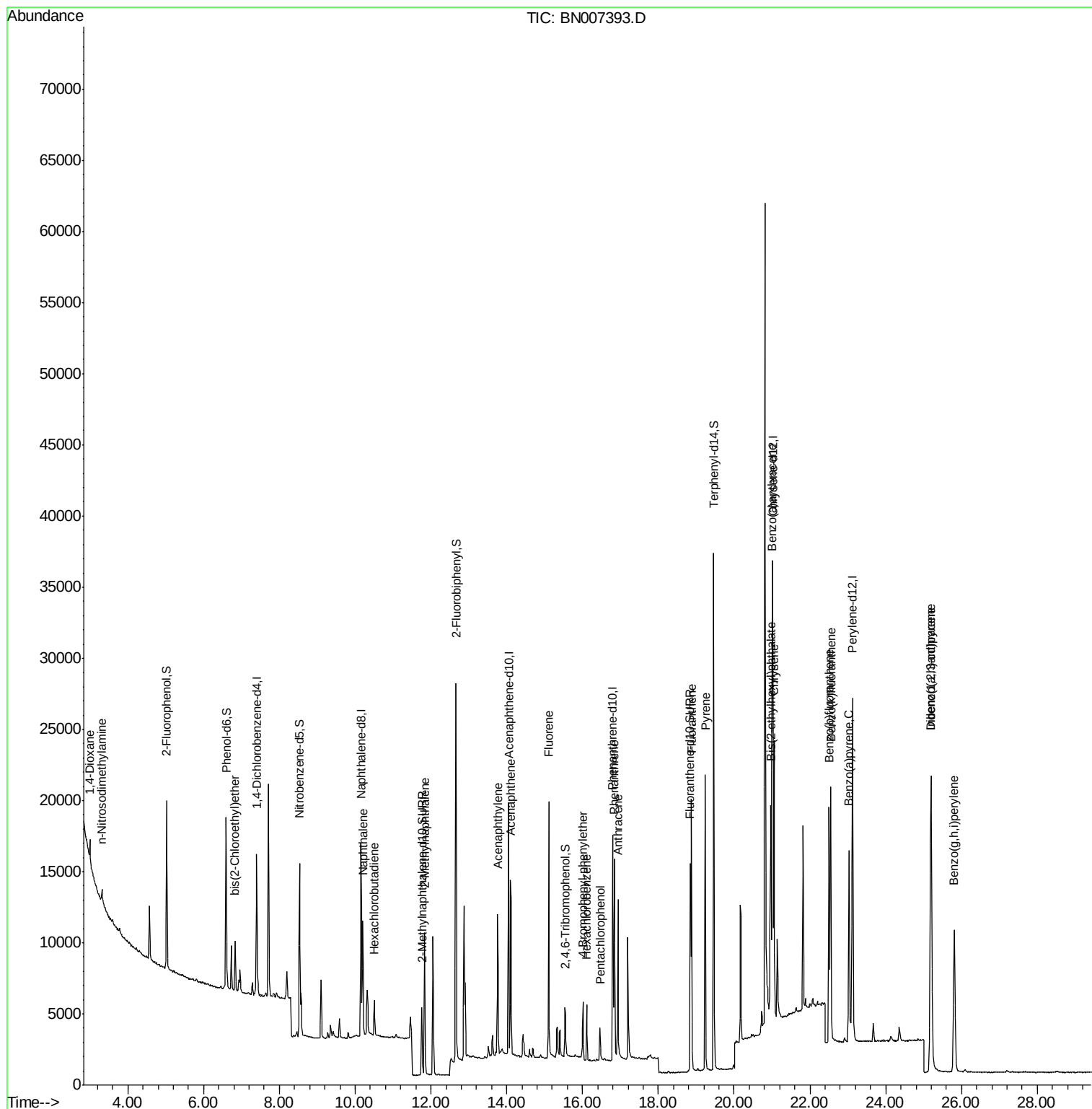
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.00	88	1368	0.174	ng	# 44
3) n-Nitrosodimethylamine	3.31	42	619	0.170	ng	# 59
6) bis(2-Chloroethyl)ether	6.84	93	3073	0.180	ng	97
9) Naphthalene	10.20	128	10256	0.189	ng	# 92
10) Hexachlorobutadiene	10.51	225	2018	0.181	ng	# 98
12) 2-Methylnaphthalene	11.83	142	7044	0.190	ng	95
16) Acenaphthylene	13.76	152	10933	0.176	ng	99
17) Acenaphthene	14.10	154	6833	0.188	ng	99
18) Fluorene	15.10	166	8590	0.187	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	1688	0.187	ng	95
21) Hexachlorobenzene	16.11	284	3217	0.209	ng	96
22) Pentachlorophenol	16.46	266	1510	0.316	ng	# 63
23) Phenanthrene	16.84	178	14300	0.207	ng	99
24) Anthracene	16.93	178	13191	0.190	ng	100
26) Fluoranthene	18.87	202	18368	0.207	ng	100
28) Pyrene	19.24	202	19127	0.195	ng	100
30) Benzo(a)anthracene	21.00	228	19073	0.199	ng	99
31) Chrysene	21.06	228	18716	0.202	ng	99
32) Bis(2-ethylhexyl)phthalate	20.97	149	14742	0.219	ng	95
33) Indeno(1,2,3-cd)pyrene	25.19	276	25401	0.228	ng	99
35) Benzo(b)fluoranthene	22.51	252	20854	0.193	ng	98
36) Benzo(k)fluoranthene	22.55	252	20783	0.195	ng	99
37) Benzo(a)pyrene	23.03	252	19634	0.191	ng	98
38) Dibenzo(a,h)anthracene	25.20	278	20424	0.200	ng	99
39) Benzo(g,h,i)perylene	25.81	276	20965	0.206	ng	98

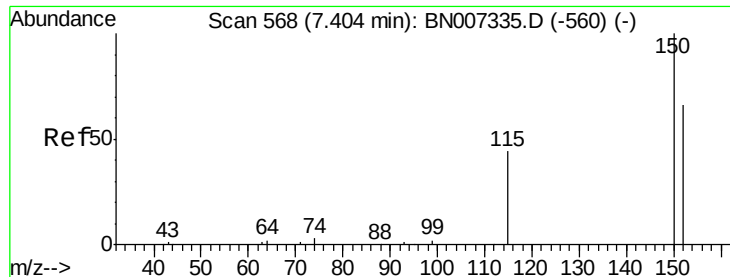
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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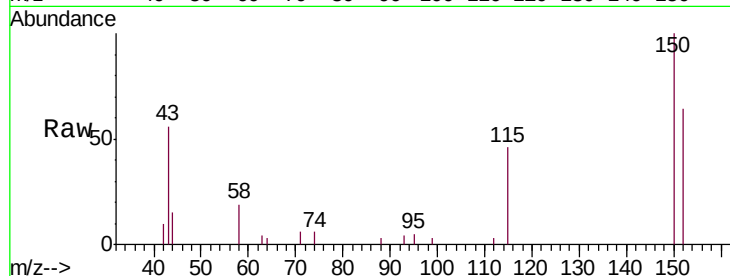


#1

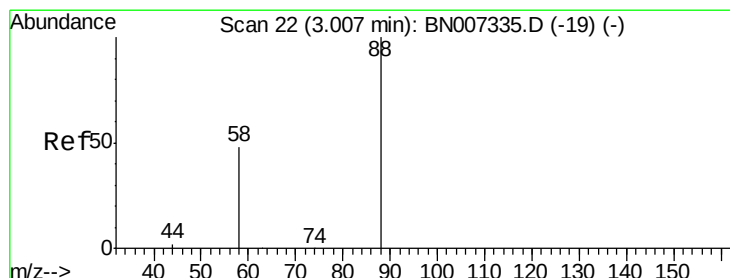
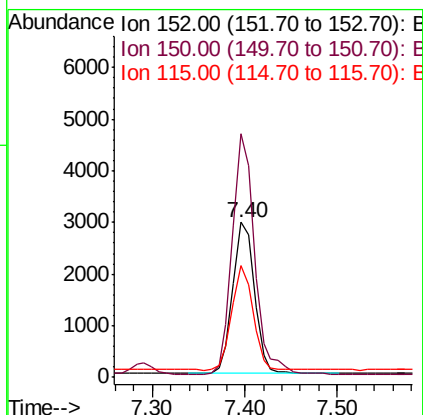
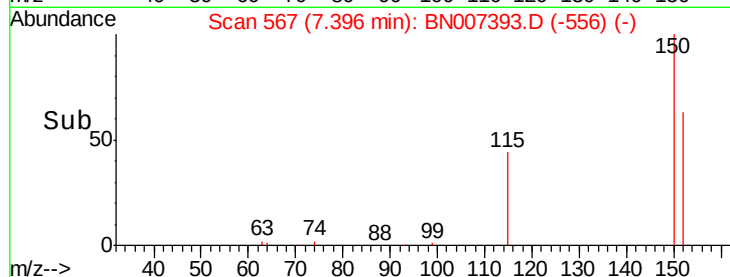
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:152 Resp: 4720
Ion Ratio Lower Upper
152 100
150 157.3 109.1 163.7
115 72.4 59.6 89.4



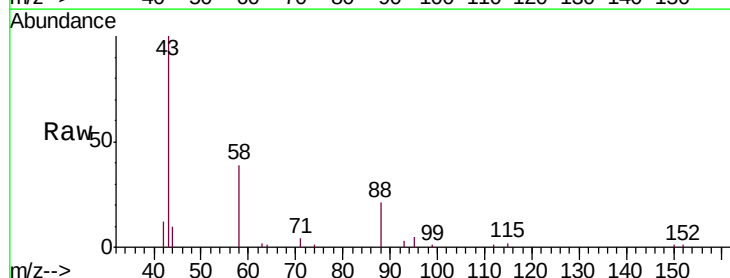
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



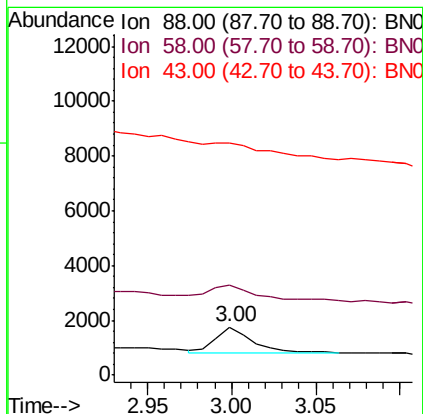
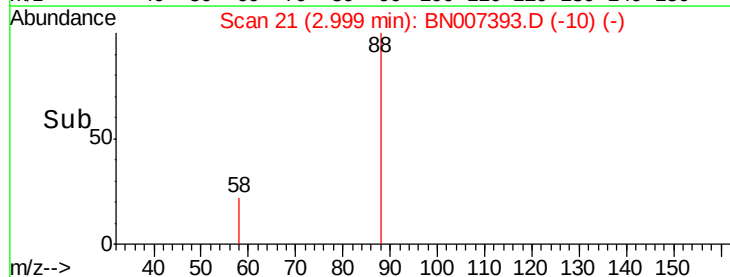
#2

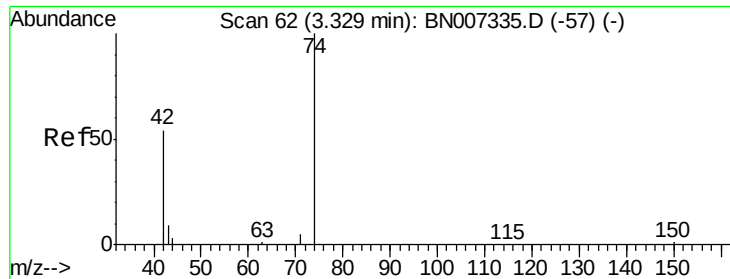
1,4-Dioxane
Concen: 0.174 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Tgt Ion: 88 Resp: 1368
Ion Ratio Lower Upper
88 100
58 106.2 50.5 75.7#
43 0.0 0.0 0.0



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.170 ng

RT: 3.31 min Scan# 60

Delta R.T. -0.02 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

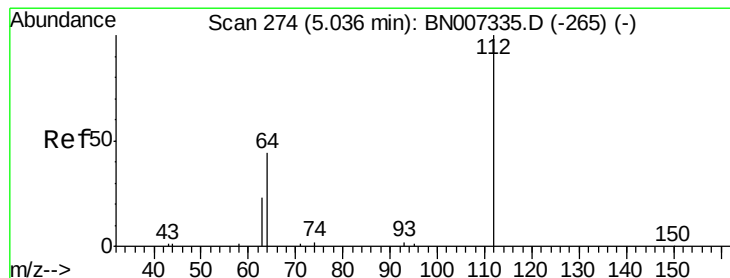
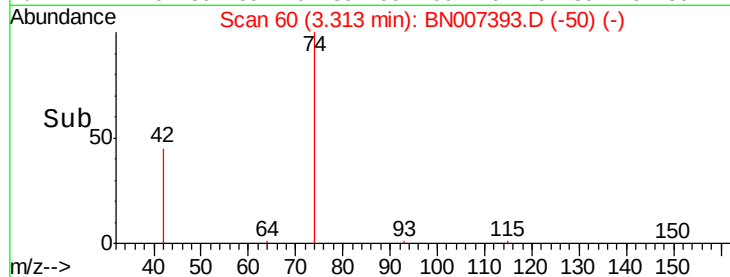
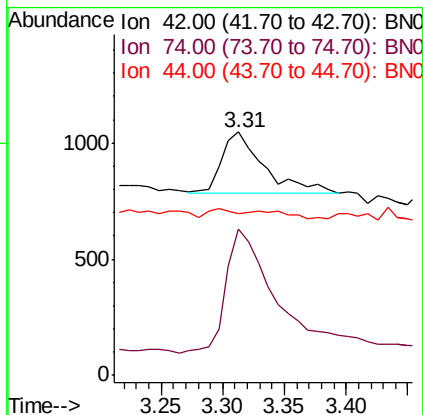
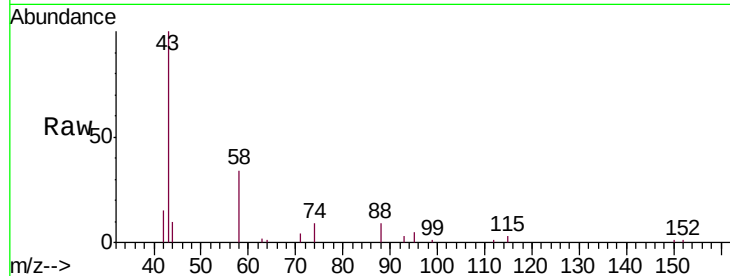
Instrument :

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Tgt Ion:	42	Resp:	619
Ion	Ratio	Lower	Upper
42	100		
74	240.9	144.7	217.1#
44	7.9	3.2	4.8#



#4

2-Fluorophenol

Concen: 0.588 ng

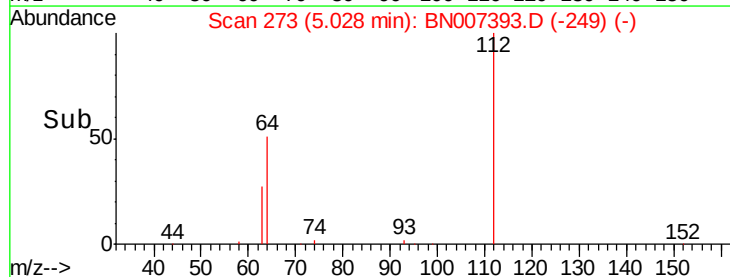
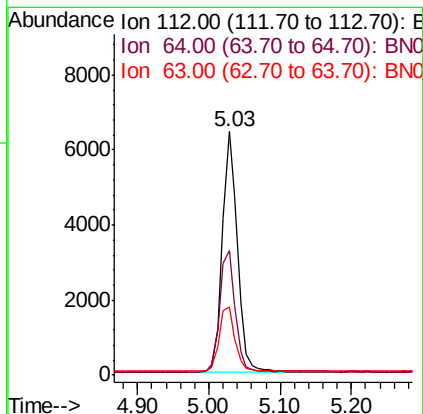
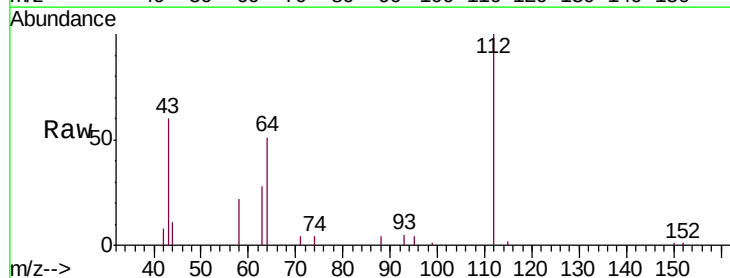
RT: 5.03 min Scan# 273

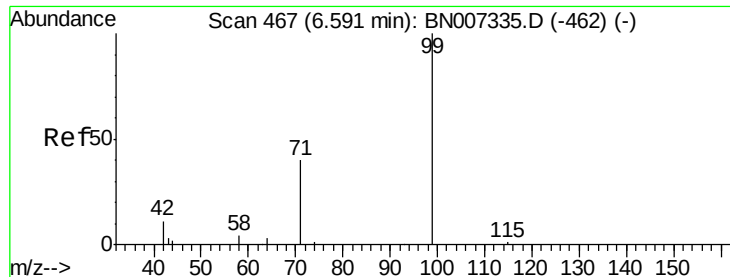
Delta R.T. -0.01 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

Tgt Ion:	112	Resp:	9413
Ion	Ratio	Lower	Upper
112	100		
64	53.3	42.3	63.5
63	28.0	23.6	35.4





#5

Phenol-d6

Concen: 0.618 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

Instrument :

BNA_N

ClientSampleId :

PB122506BS

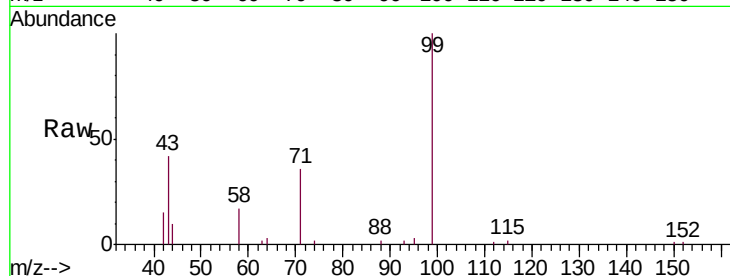
Tgt Ion: 99 Resp: 12525

Ion Ratio Lower Upper

99 100

42 11.9 11.2 16.8

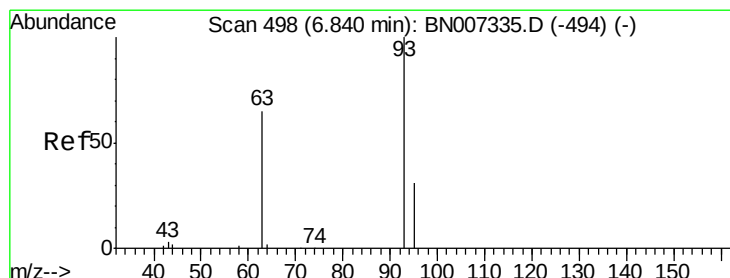
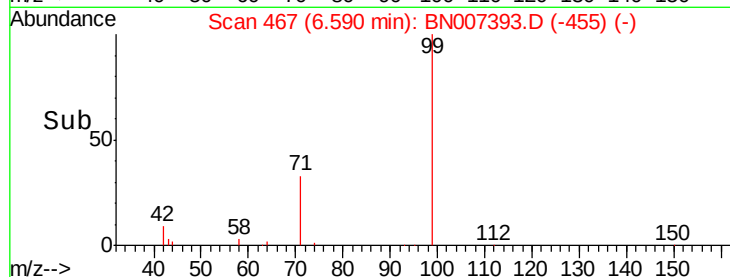
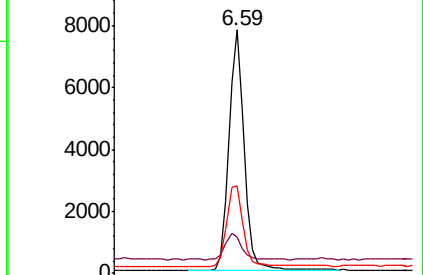
71 35.3 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007393.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007393.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007393.D (-462) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.180 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.00 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

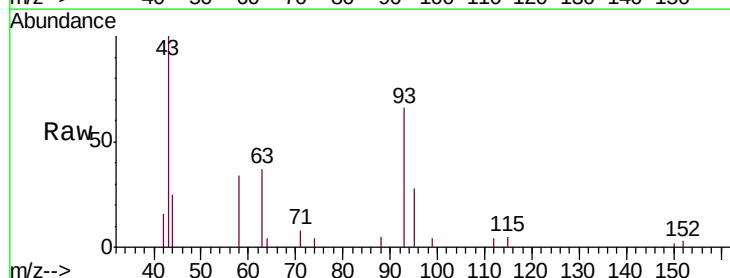
Tgt Ion: 93 Resp: 3073

Ion Ratio Lower Upper

93 100

63 61.9 51.9 77.9

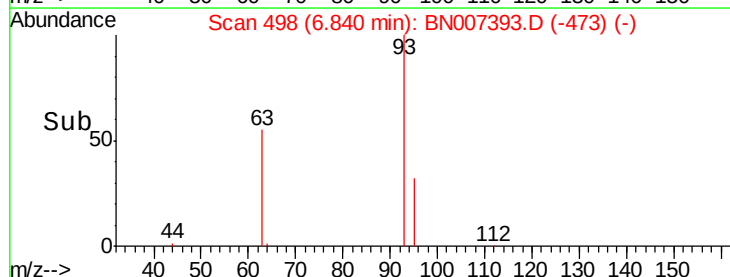
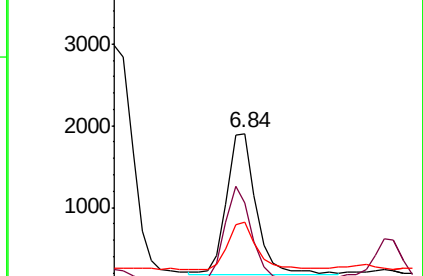
95 33.3 27.7 41.5

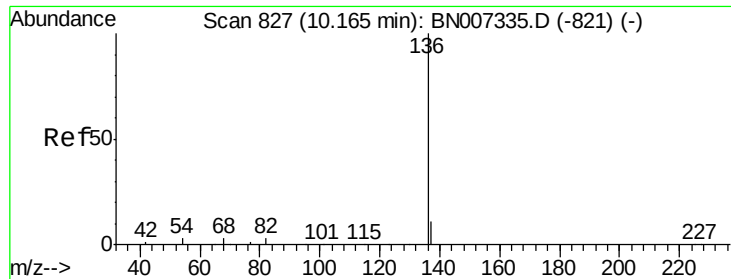


Abundance Ion 93.00 (92.70 to 93.70): BN007393.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN007393.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN007393.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

Instrument :

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ClientSampleId :

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Tgt Ion:136 Resp: 19011

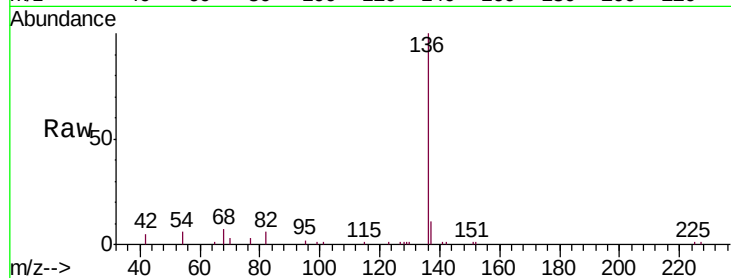
Ion Ratio Lower Upper

136 100

137 11.1 12.9 19.3#

54 5.6 8.6 12.8#

68 7.3 17.0 25.4#

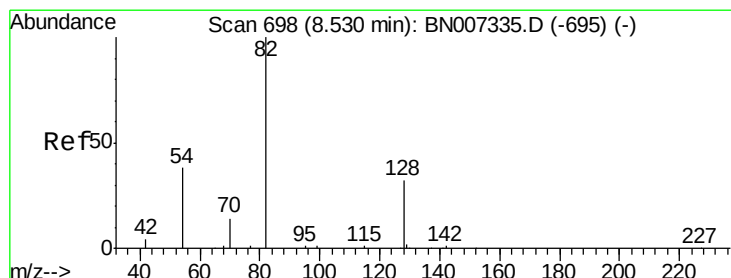
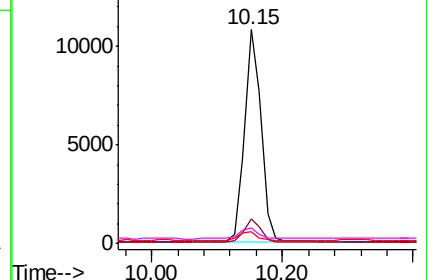
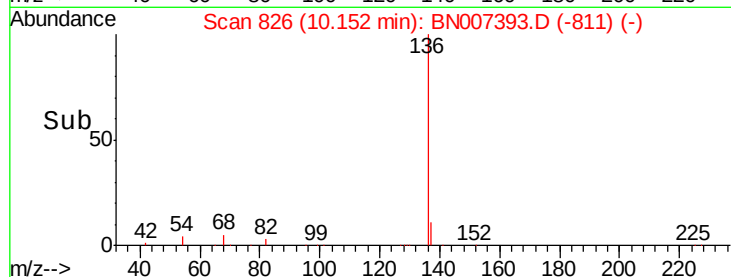


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.631 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

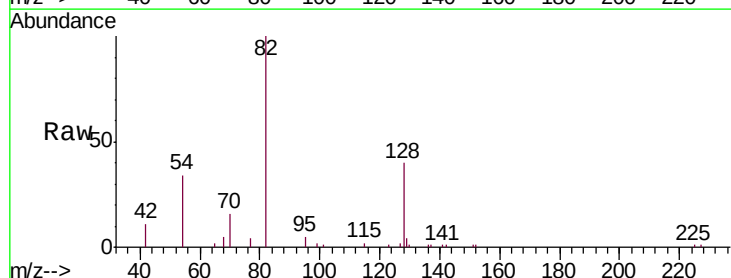
Tgt Ion: 82 Resp: 10445

Ion Ratio Lower Upper

82 100

128 39.6 19.7 29.5#

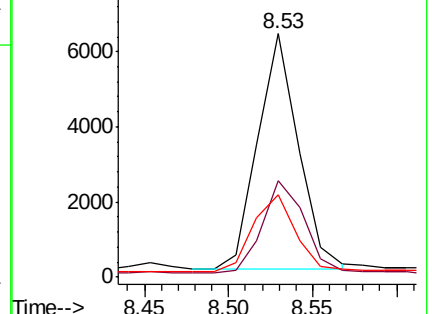
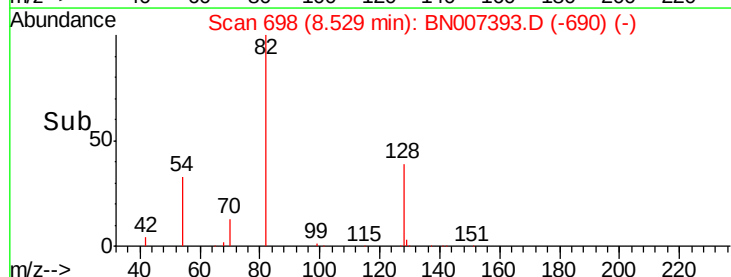
54 34.0 25.8 38.6

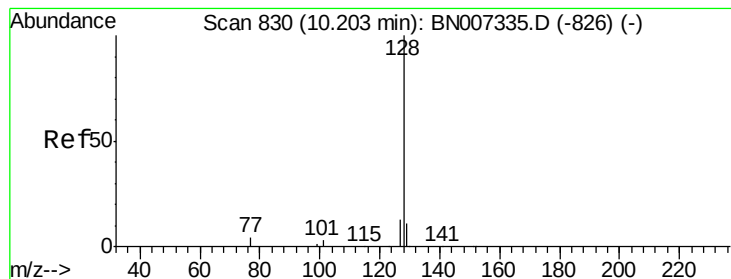


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.189 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

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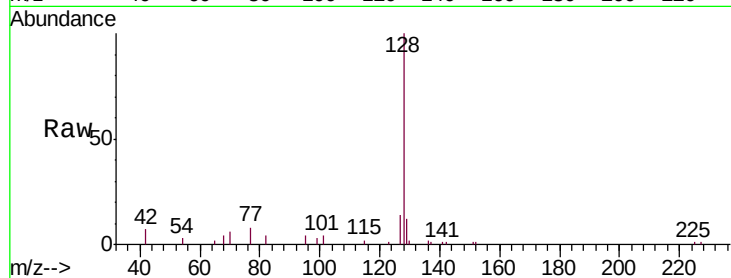
Tgt Ion:128 Resp: 10256

Ion Ratio Lower Upper

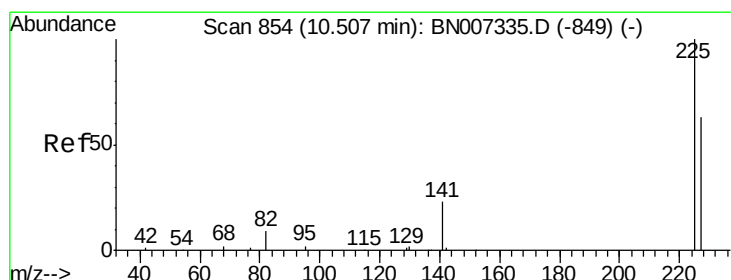
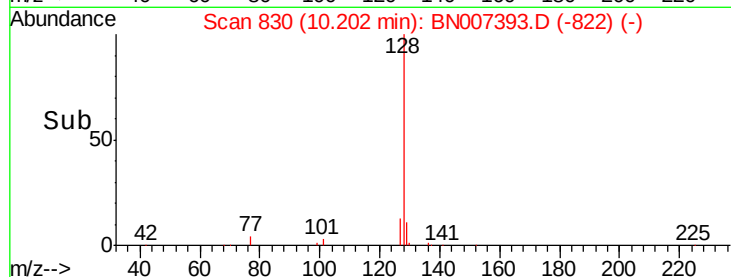
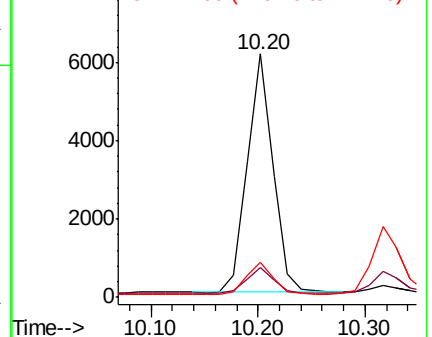
128 100

129 12.4 11.1 16.7

127 14.2 15.5 23.3#



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



#10

Hexachlorobutadiene

Concen: 0.181 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

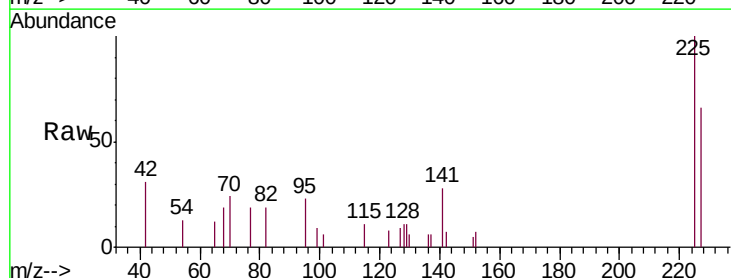
Tgt Ion:225 Resp: 2018

Ion Ratio Lower Upper

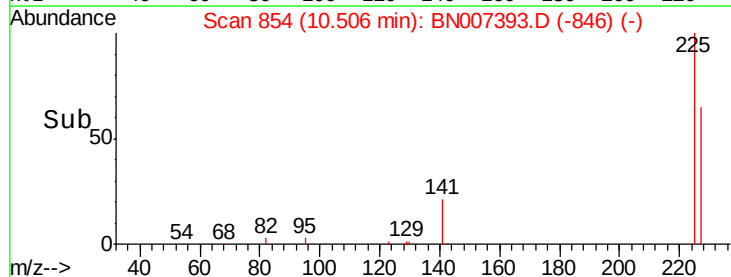
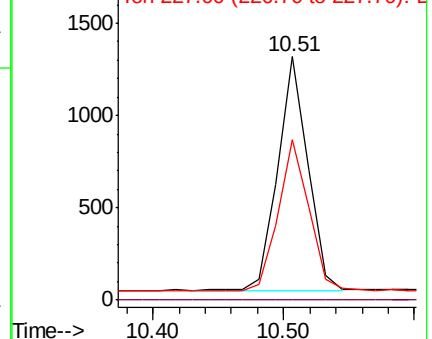
225 100

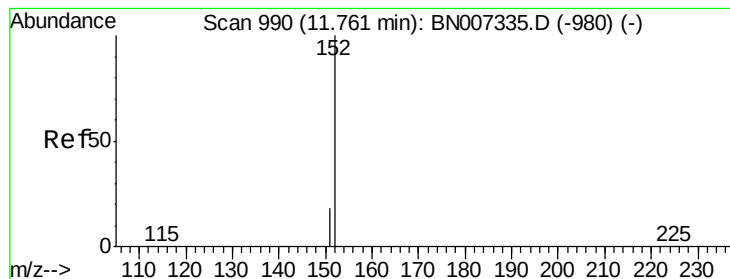
223 0.0 0.0 0.0

227 65.1 50.7 76.1



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: 0.229 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

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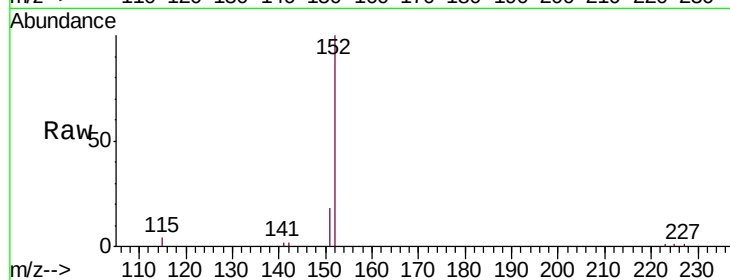
PB122506BS

Tgt Ion:152 Resp: 7244

Ion Ratio Lower Upper

152 100

151 18.9 16.2 24.2

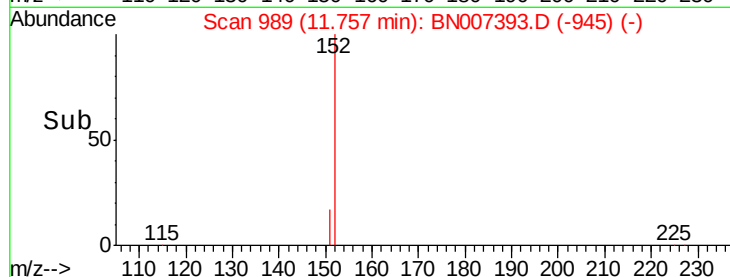


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.76

Time-->



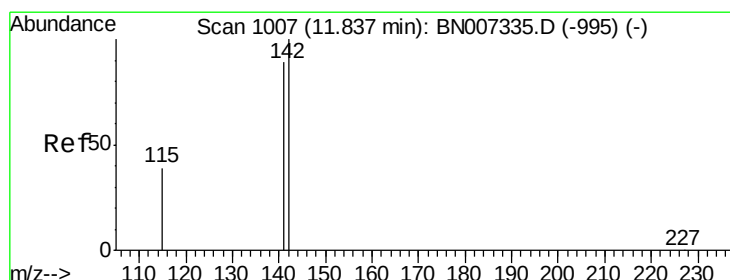
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.76

Time-->



#12

2-Methylnaphthalene

Concen: 0.190 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

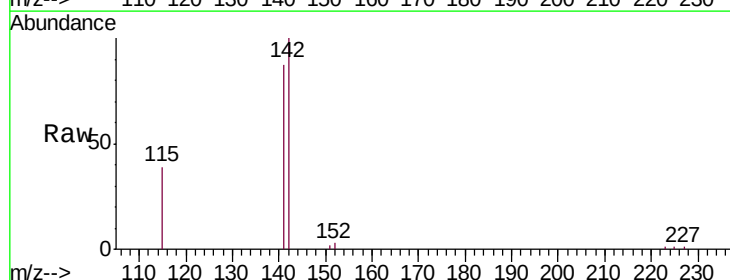
Tgt Ion:142 Resp: 7044

Ion Ratio Lower Upper

142 100

141 87.3 72.8 109.2

115 39.3 35.2 52.8



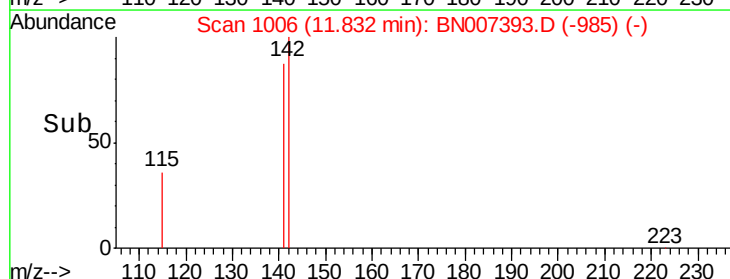
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.83

Time-->



Abundance

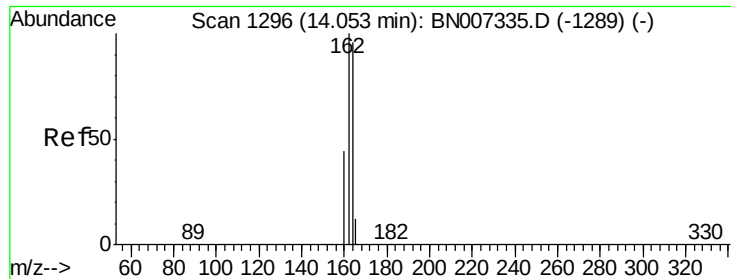
Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.83

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

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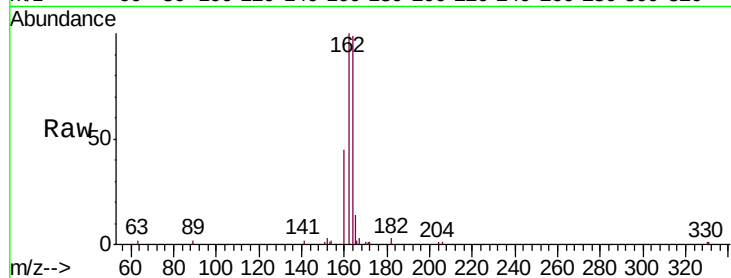
Tgt Ion:164 Resp: 10491

Ion Ratio Lower Upper

164 100

162 101.2 83.5 125.3

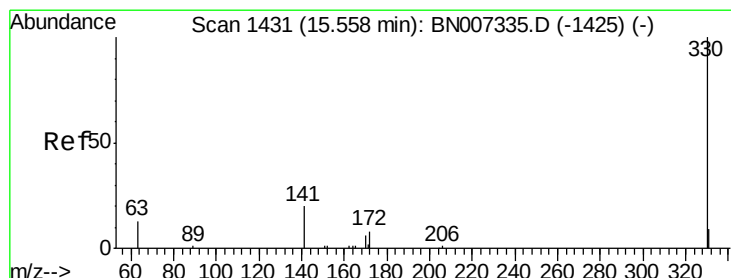
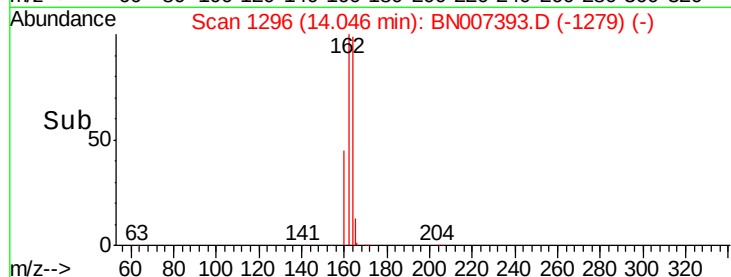
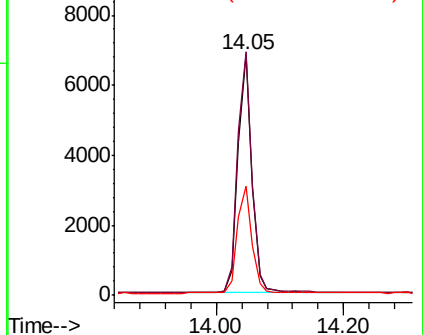
160 45.6 38.2 57.4



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: 0.635 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

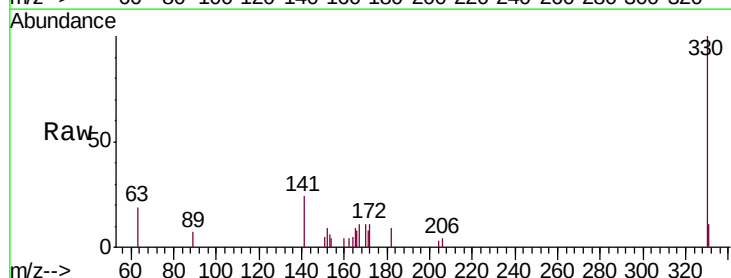
Tgt Ion:330 Resp: 3483

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

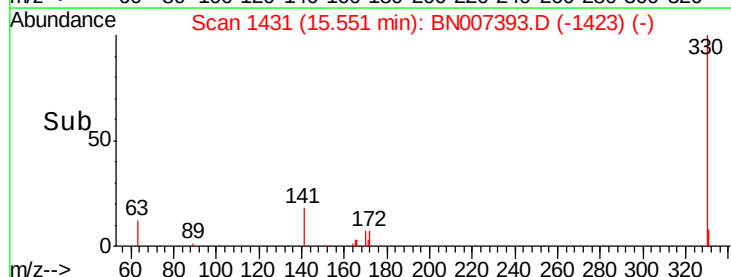
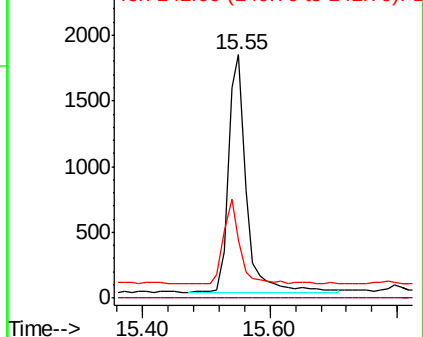
141 33.0 26.9 40.3

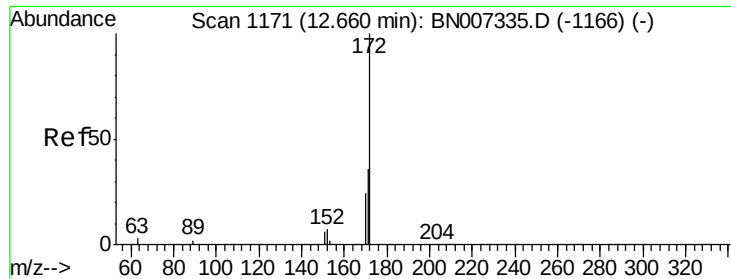


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

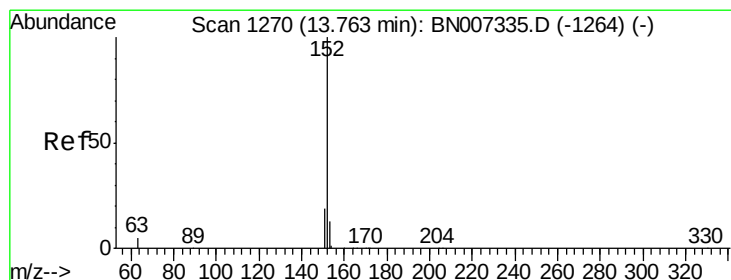
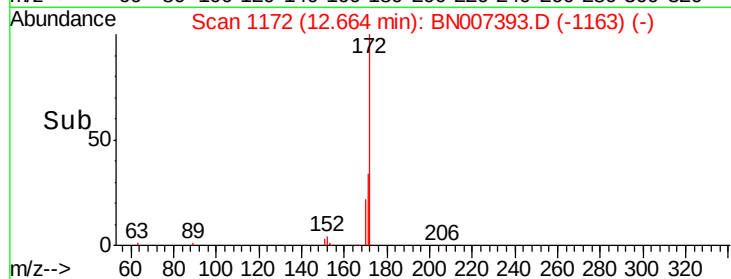
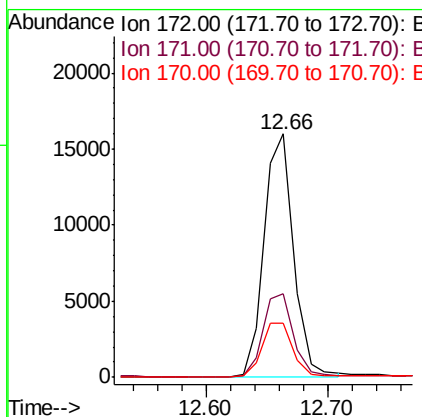
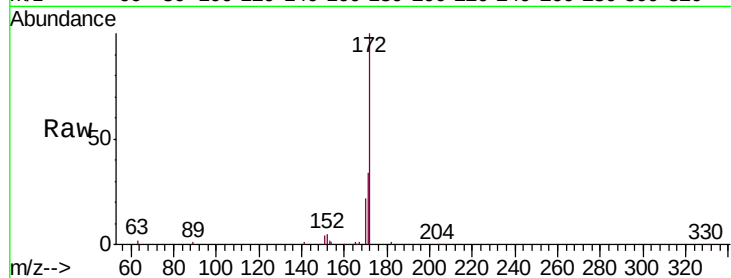




#15
2-Fluorobiphenyl
Concen: 0.633 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

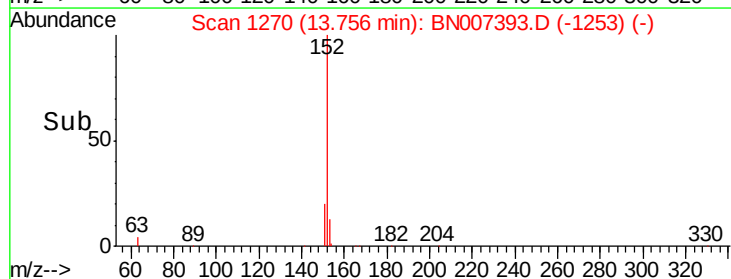
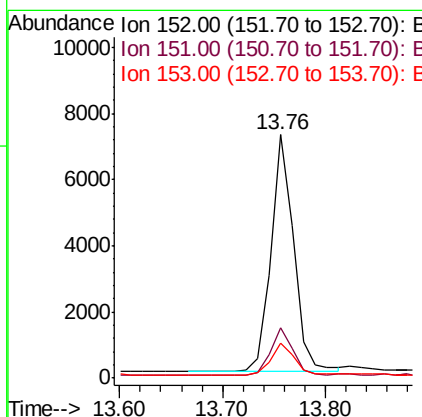
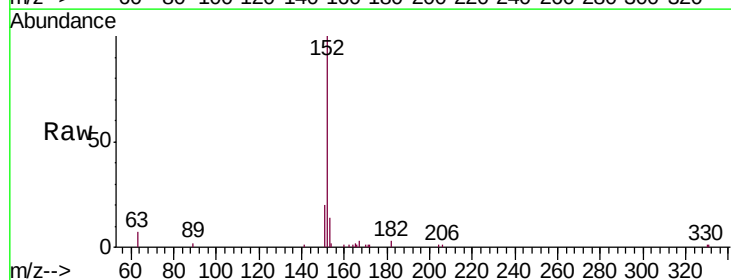
Instrument :
BNA_N
ClientSampleId :
PB122506BS

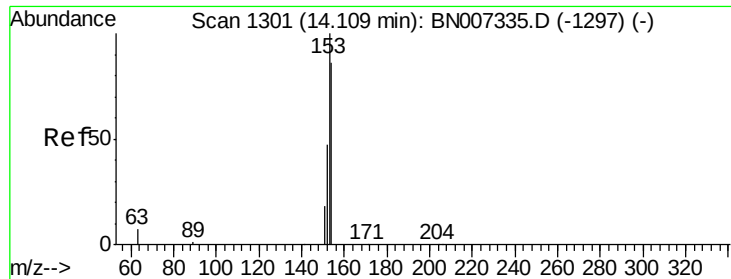
Tgt Ion:172 Resp: 26799
Ion Ratio Lower Upper
172 100
171 34.3 30.3 45.5
170 22.3 20.7 31.1



#16
Acenaphthylene
Concen: 0.176 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Tgt Ion:152 Resp: 10933
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.6 10.6 15.8

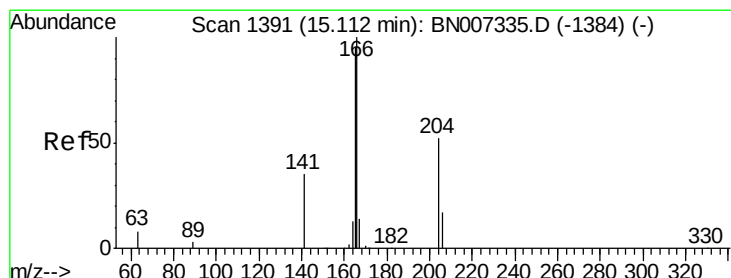
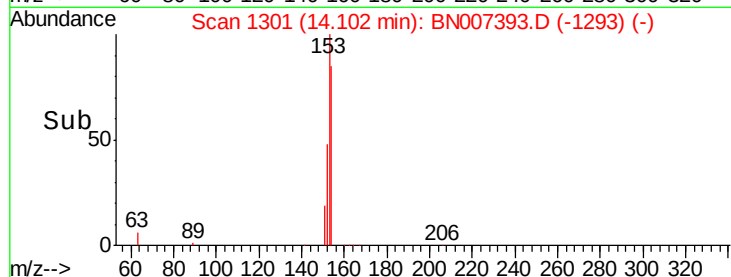
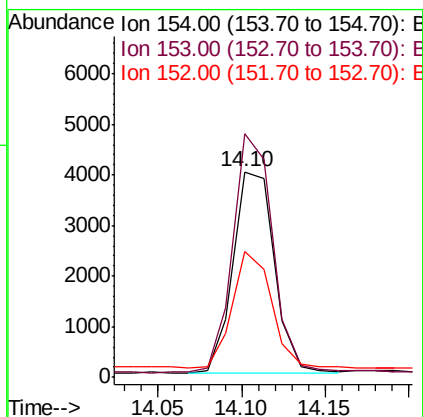
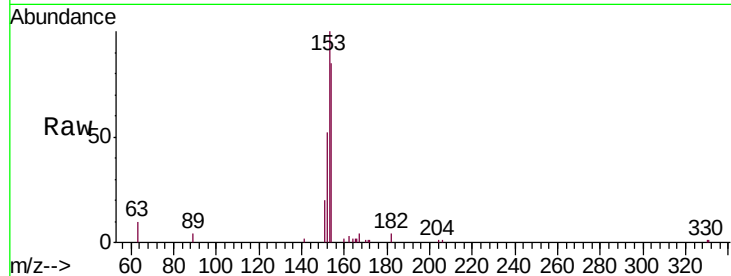




#17
Acenaphthene
Concen: 0.188 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

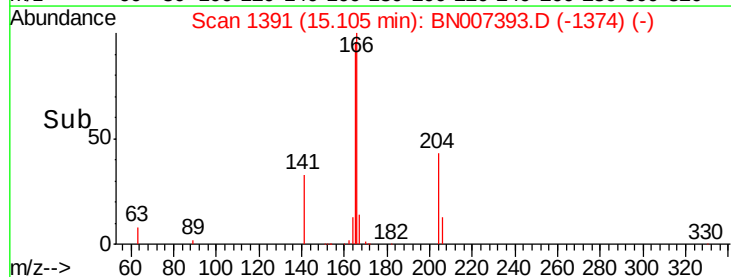
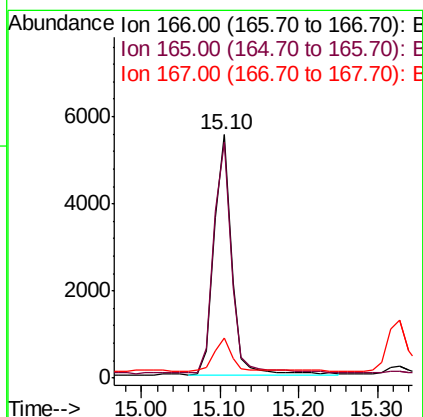
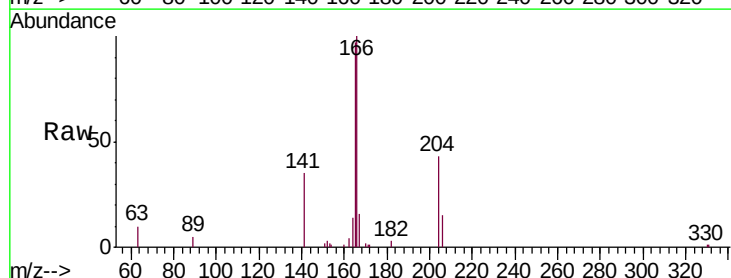
Instrument :
BNA_N
ClientSampleId :
PB122506BS

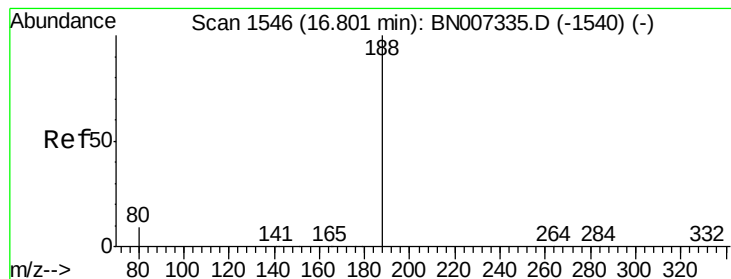
Tgt Ion:154 Resp: 6833
Ion Ratio Lower Upper
154 100
153 115.5 92.8 139.2
152 55.8 43.8 65.8



#18
Fluorene
Concen: 0.187 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Tgt Ion:166 Resp: 8590
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.4
167 13.2 10.6 15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

Instrument :

BNA_N

ClientSampleId :

PB122506BS

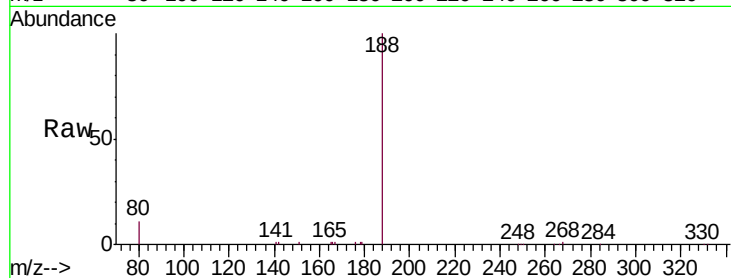
Tgt Ion:188 Resp: 22950

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

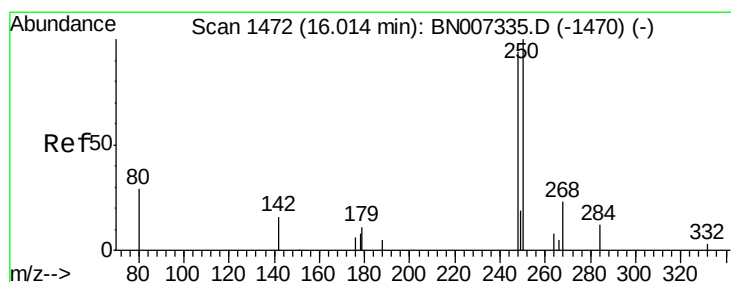
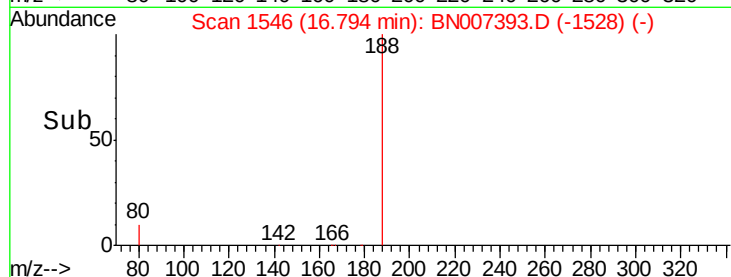
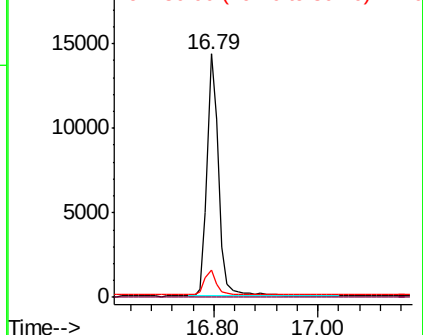
80 11.3 11.8 17.8#



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: 0.187 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

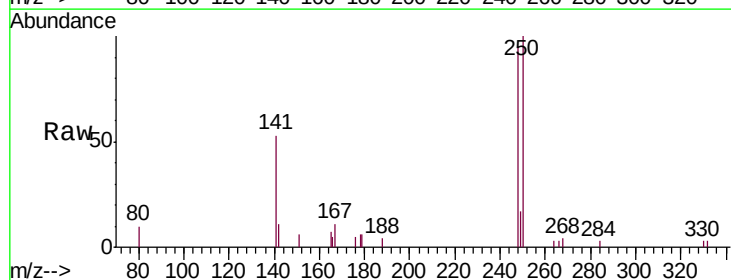
Tgt Ion:248 Resp: 1688

Ion Ratio Lower Upper

248 100

250 104.9 85.0 127.6

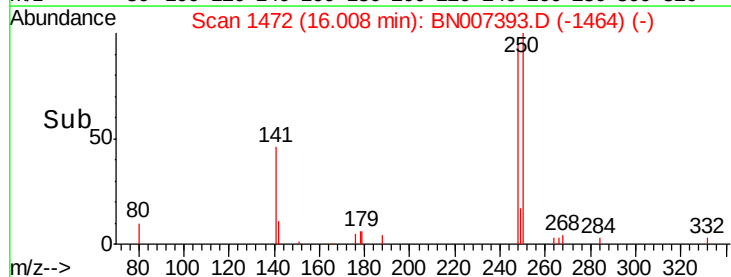
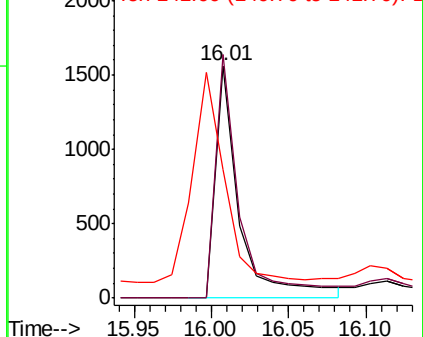
141 55.4 51.7 77.5

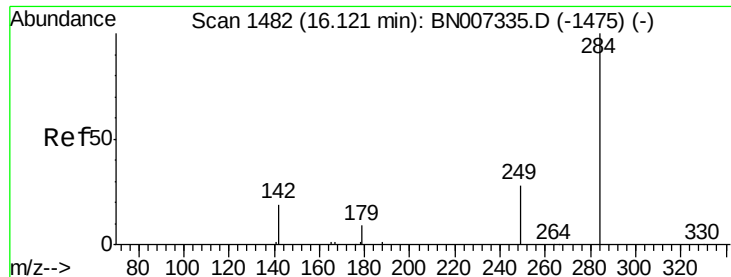


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

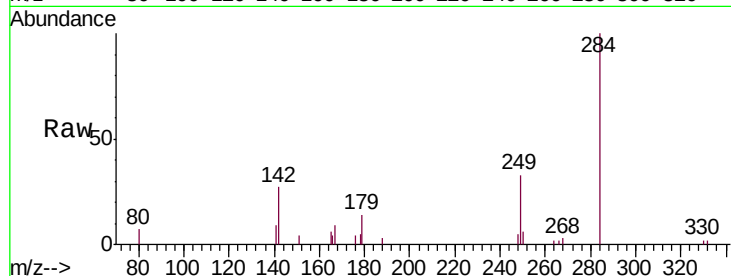




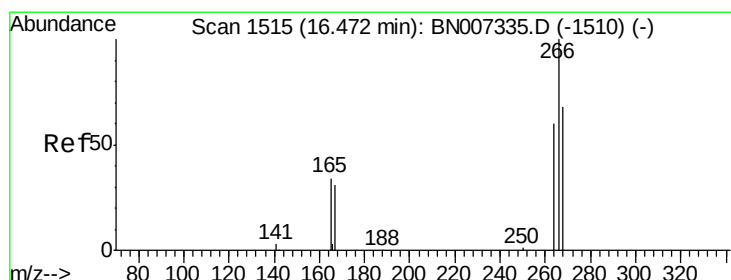
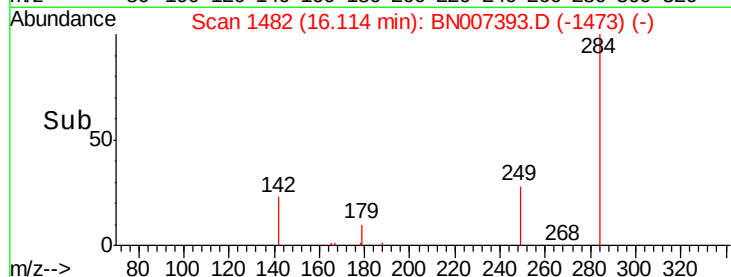
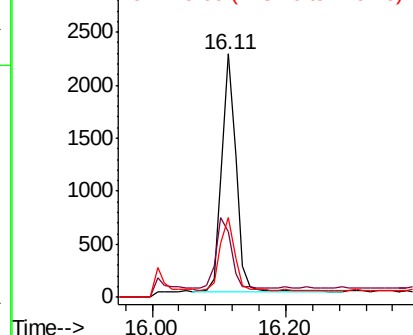
#21
Hexachlorobenzene
Concen: 0.209 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:284 Resp: 3217
Ion Ratio Lower Upper
284 100
142 31.7 29.0 43.6
249 31.3 24.9 37.3

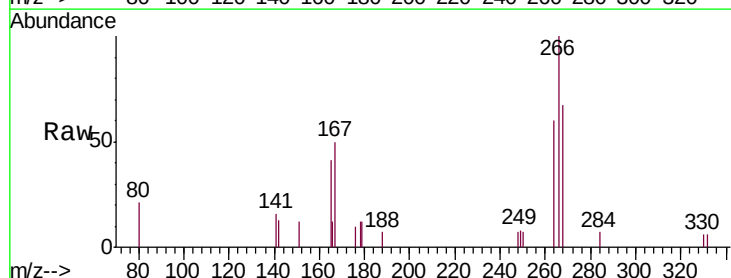


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

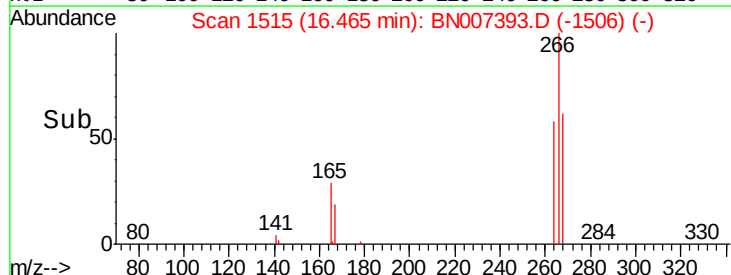
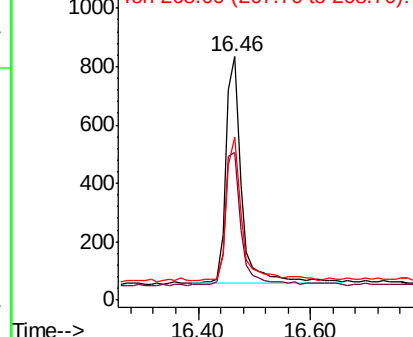


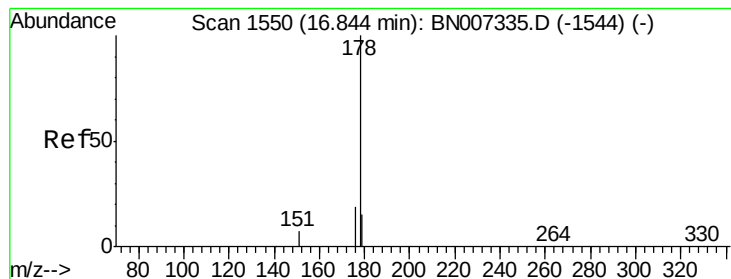
#22
Pentachlorophenol
Concen: 0.316 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007393.D
Acq: 25 Aug 2019 13:39

Tgt Ion:266 Resp: 1510
Ion Ratio Lower Upper
266 100
264 60.4 57.8 86.8
268 66.8 99.7 149.5#



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: 0.207 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

Instrument :

BNA_N

ClientSampleId :

PB122506BS

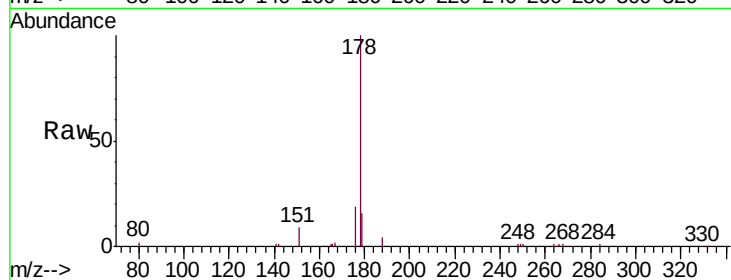
Tgt Ion:178 Resp: 14300

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

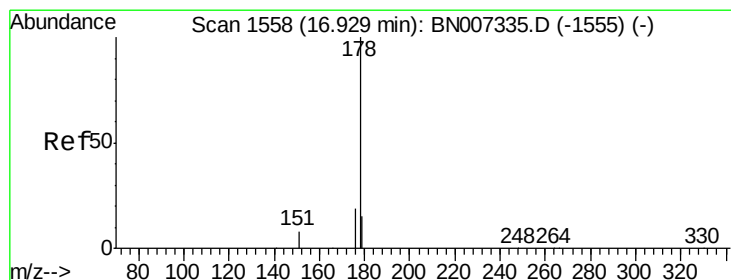
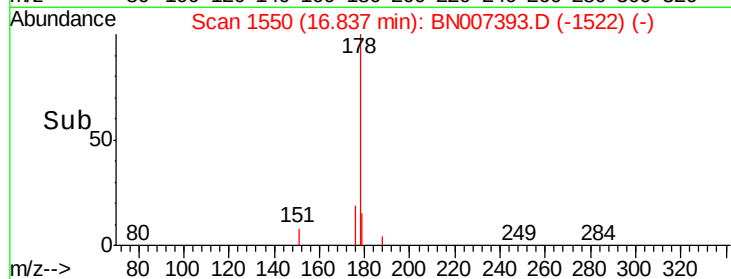
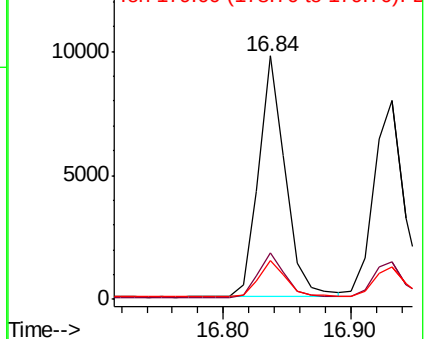
179 15.3 12.6 19.0



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: 0.190 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

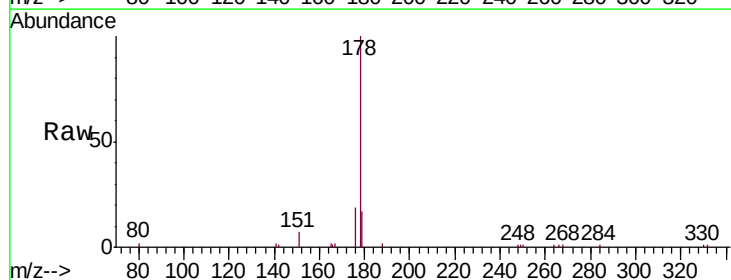
Tgt Ion:178 Resp: 13191

Ion Ratio Lower Upper

178 100

176 18.3 14.9 22.3

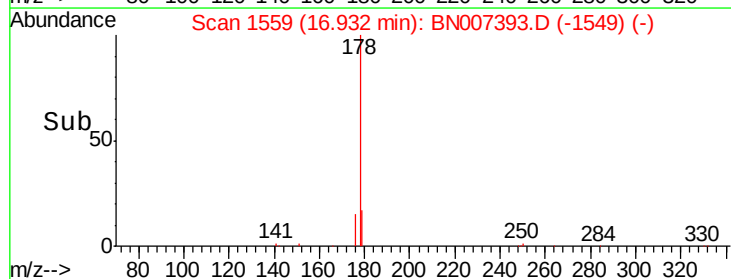
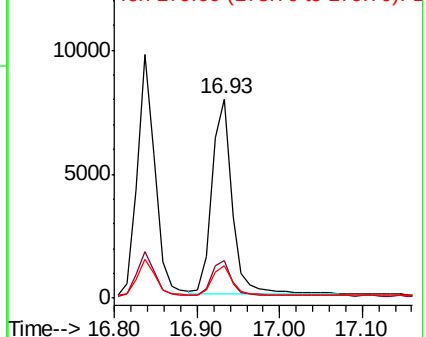
179 15.5 12.4 18.6

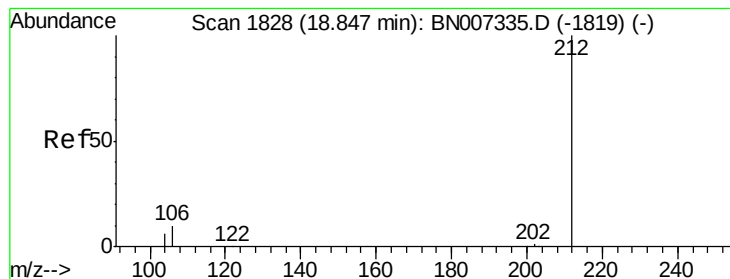


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.233 ng

RT: 18.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

Instrument :

BNA_N

ClientSampleId :

PB122506BS

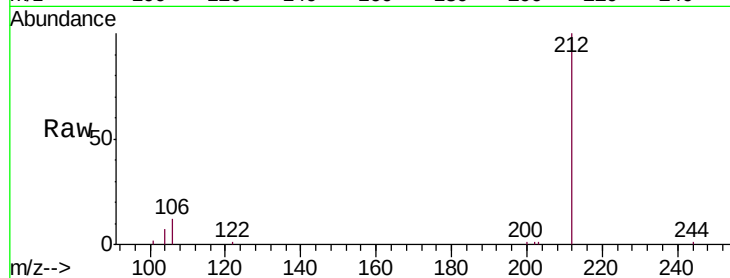
Tgt Ion:212 Resp: 17255

Ion Ratio Lower Upper

212 100

106 11.4 9.0 13.4

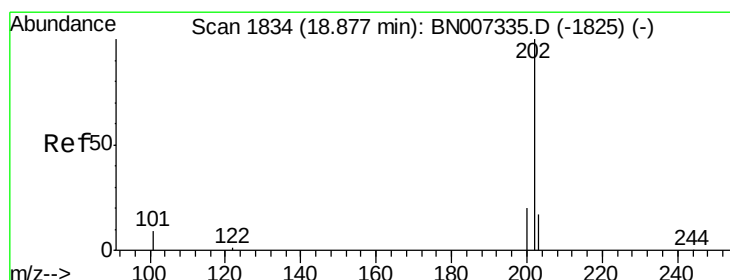
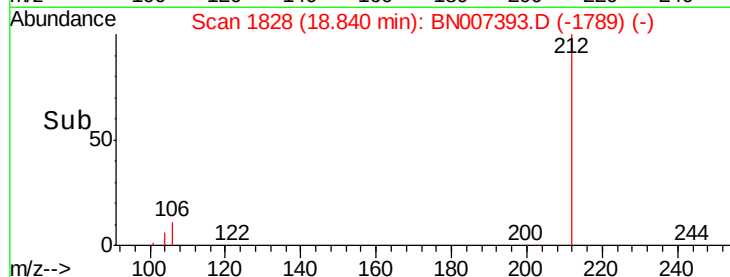
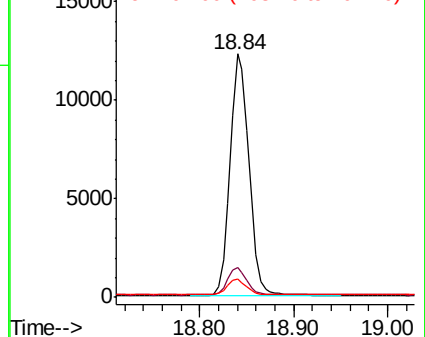
104 6.7 5.4 8.2



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: 0.207 ng

RT: 18.87 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

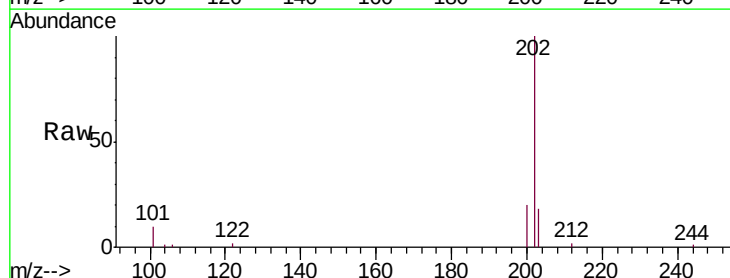
Tgt Ion:202 Resp: 18368

Ion Ratio Lower Upper

202 100

101 10.1 7.7 11.5

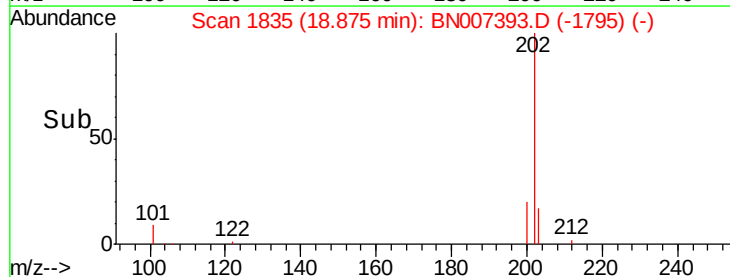
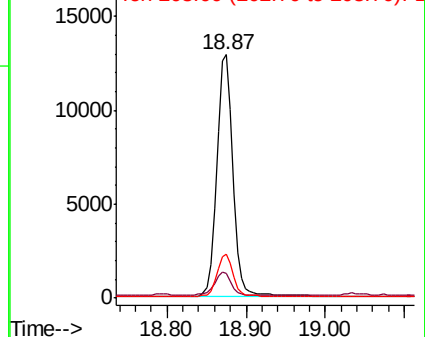
203 17.1 13.7 20.5

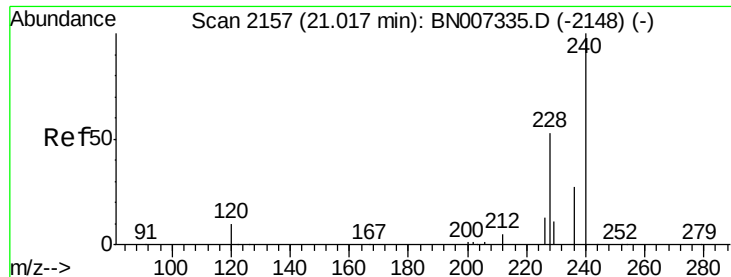


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN007393.D

Acq: 25 Aug 2019 13:39

Instrument :

BNA_N

ClientSampleId :

PB122506BS

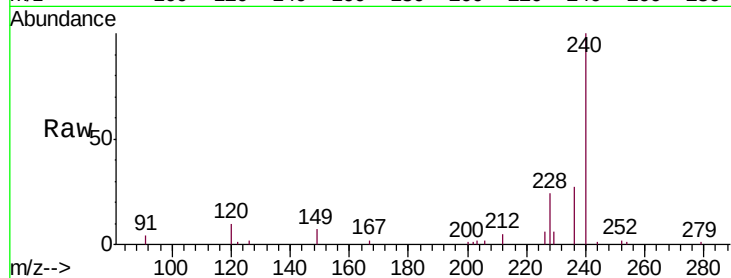
Tgt Ion:240 Resp: 24422

Ion Ratio Lower Upper

240 100

120 10.4 9.6 14.4

236 27.4 22.2 33.2

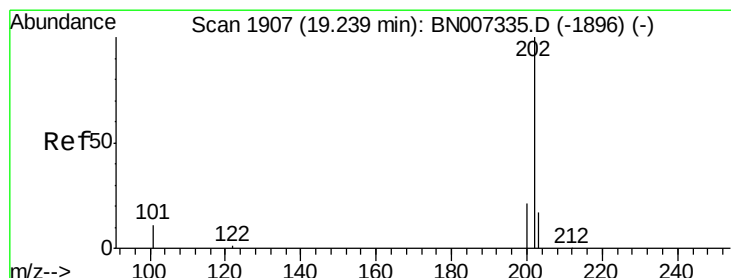
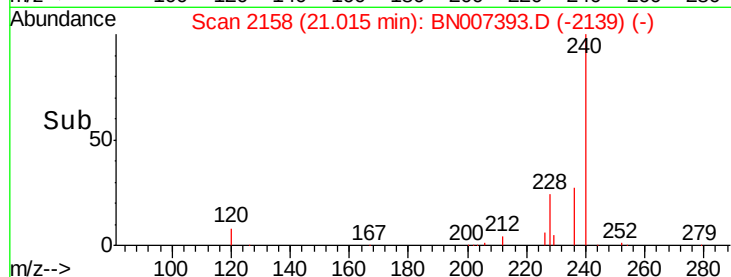
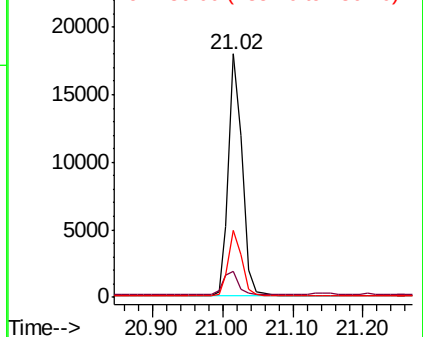


Abundance

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: 0.195 ng

RT: 19.24 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

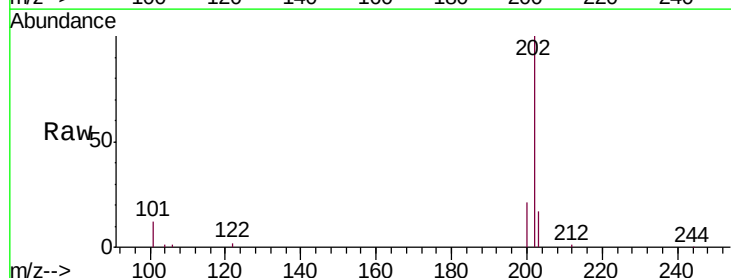
Tgt Ion:202 Resp: 19127

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

203 17.7 14.2 21.4

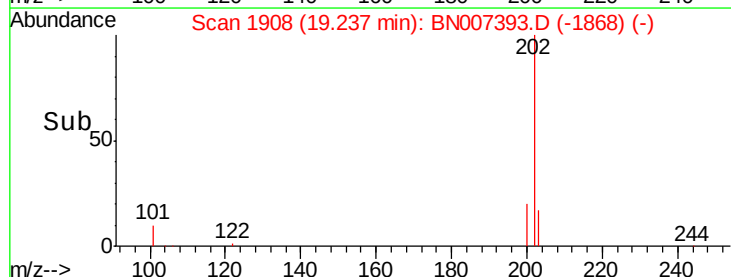
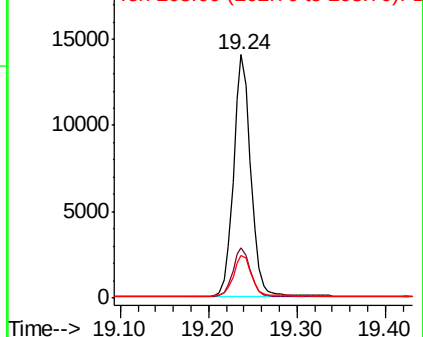


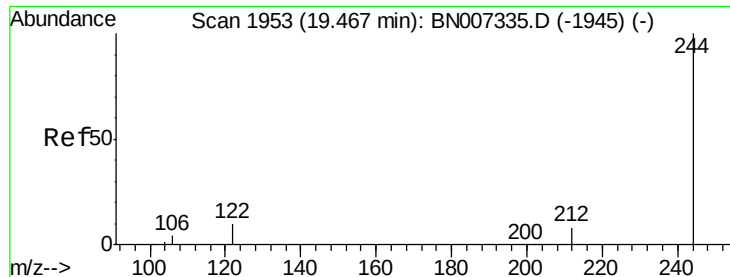
Abundance

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: 0.610 ng

RT: 19.47 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

Instrument :

BNA_N

ClientSampleId :

PB122506BS

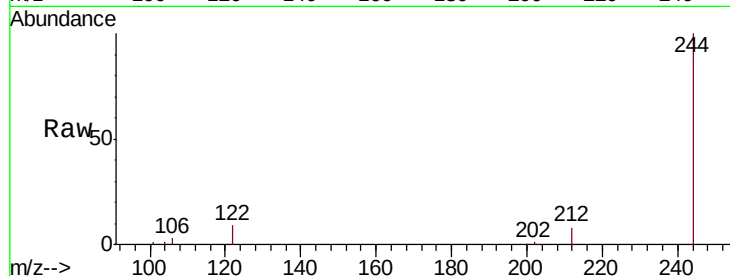
Tgt Ion:244 Resp: 38976

Ion Ratio Lower Upper

244 100

212 7.7 7.0 10.6

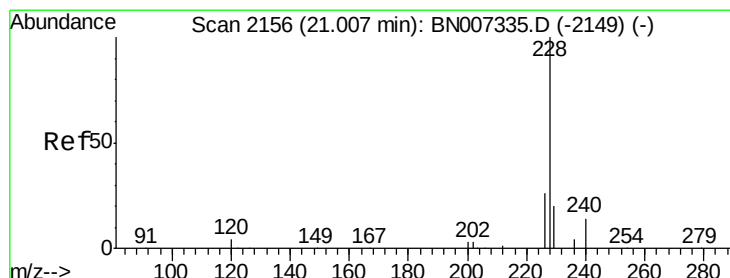
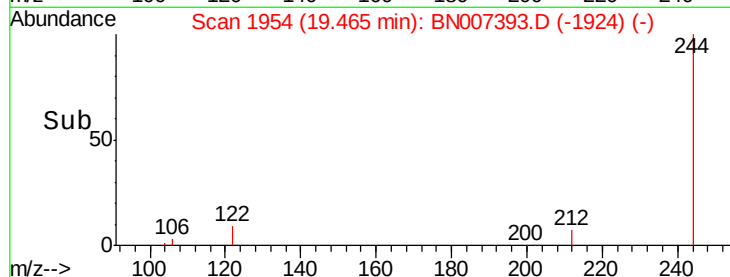
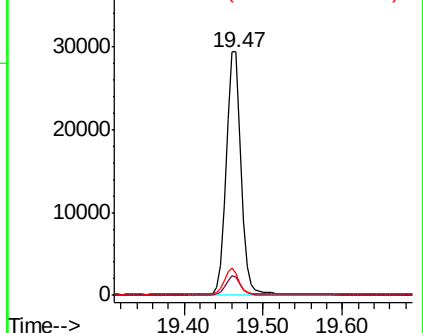
122 9.3 9.6 14.4#



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: 0.199 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

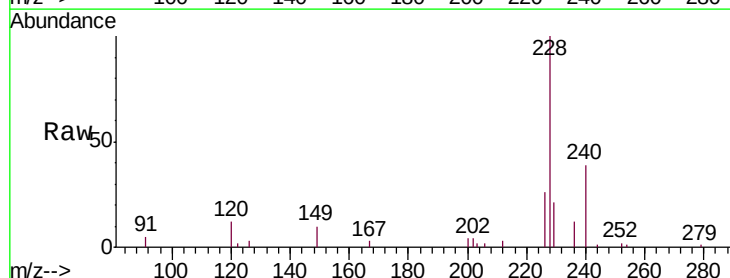
Tgt Ion:228 Resp: 19073

Ion Ratio Lower Upper

228 100

226 26.1 21.3 31.9

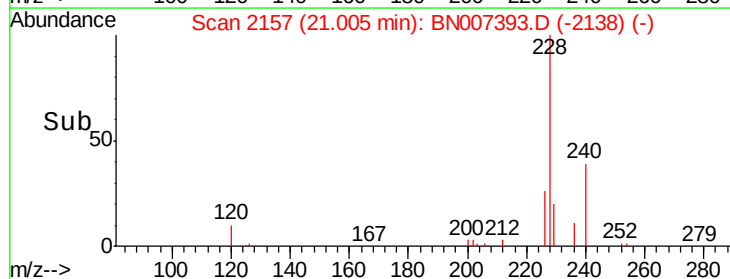
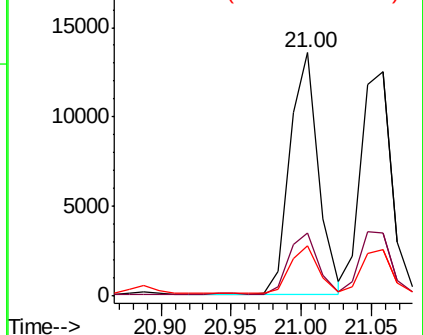
229 20.9 16.1 24.1

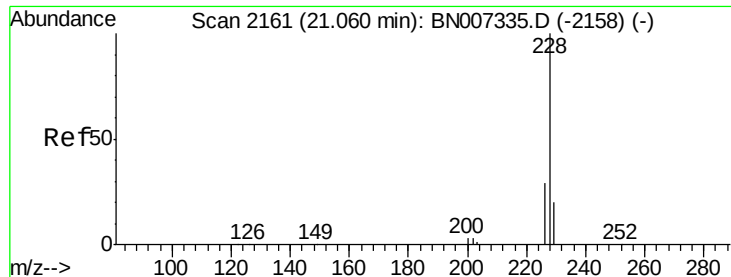


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.202 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

Instrument :

BNA_N

ClientSampleId :

PB122506BS

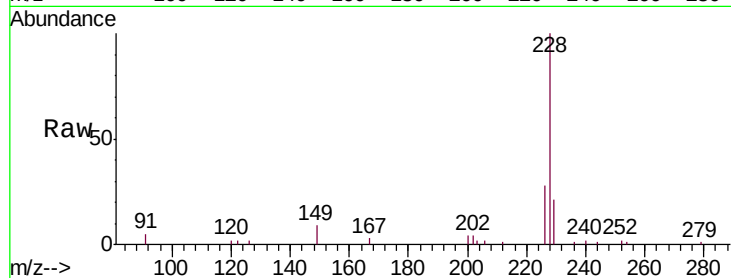
Tgt Ion:228 Resp: 18716

Ion Ratio Lower Upper

228 100

226 28.2 23.5 35.3

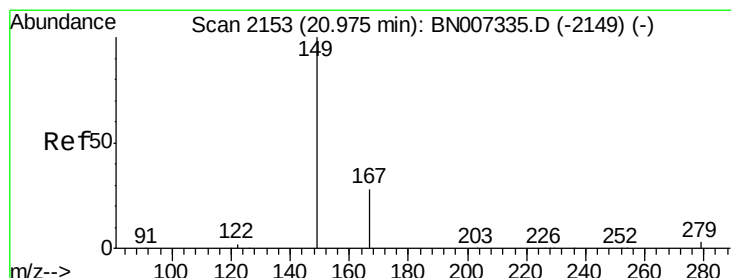
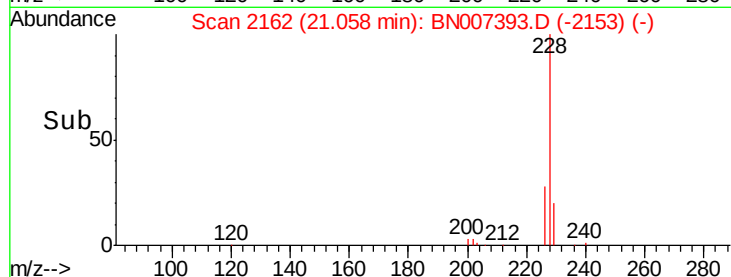
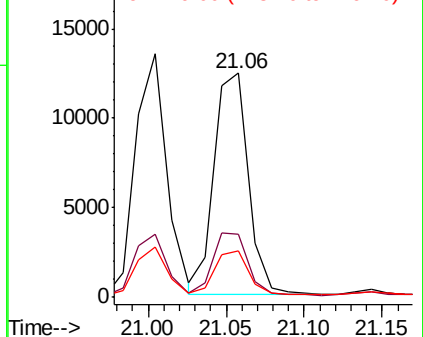
229 20.7 16.6 24.8



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: 0.219 ng

RT: 20.97 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

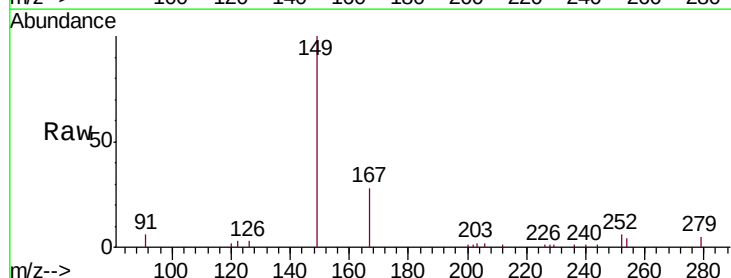
Tgt Ion:149 Resp: 14742

Ion Ratio Lower Upper

149 100

167 25.5 22.8 34.2

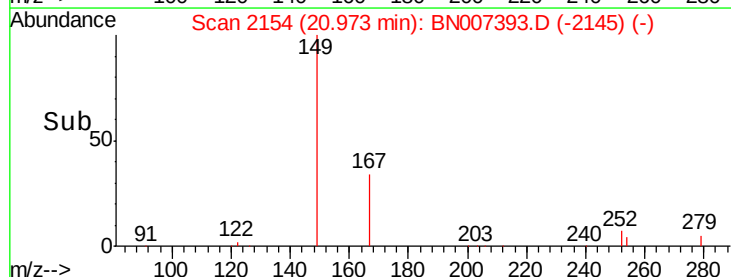
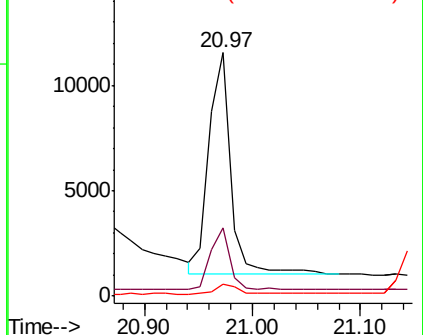
279 4.0 3.5 5.3

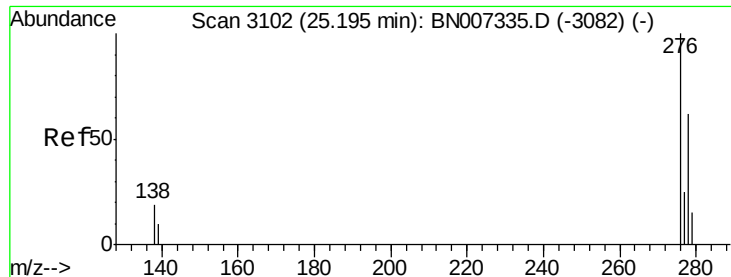


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.228 ng

RT: 25.19 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

Instrument :

BNA_N

ClientSampleId :

PB122506BS

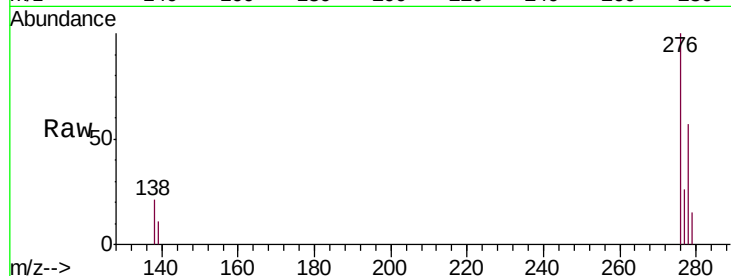
Tgt Ion:276 Resp: 25401

Ion Ratio Lower Upper

276 100

138 19.4 15.1 22.7

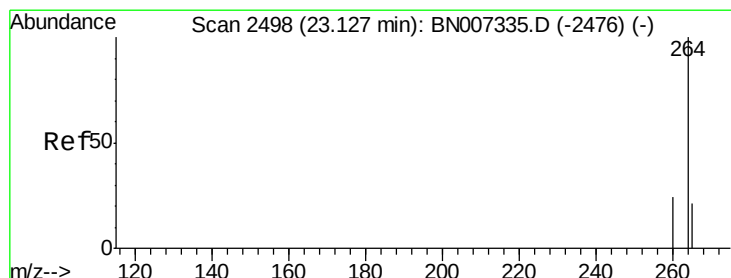
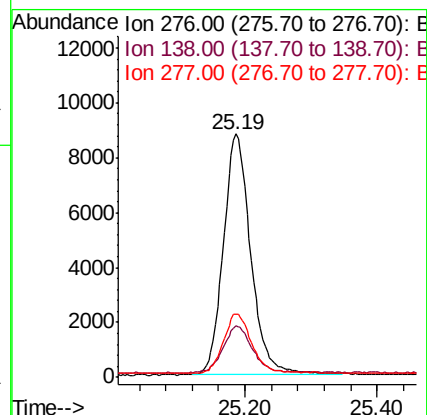
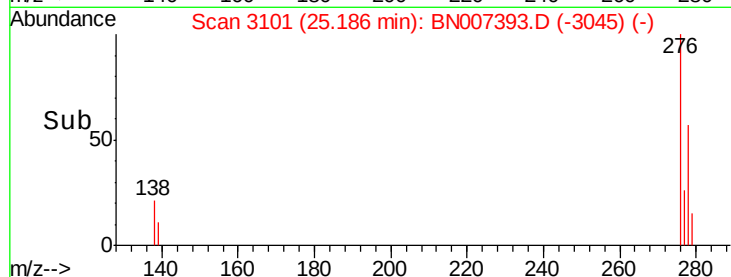
277 24.3 19.7 29.5



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# 2498

Delta R.T. -0.01 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

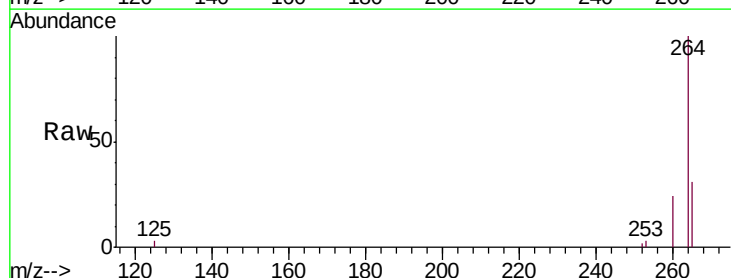
Tgt Ion:264 Resp: 29746

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

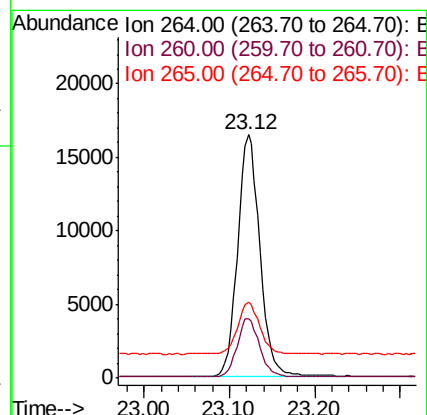
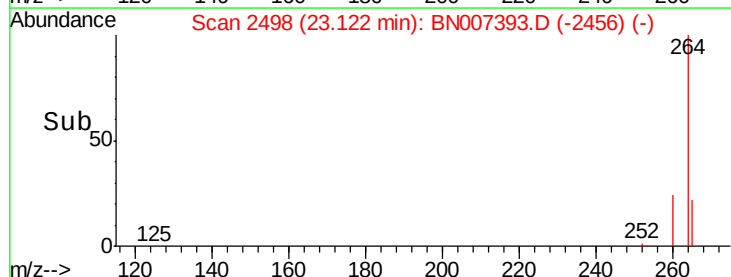
265 31.4 29.9 44.9

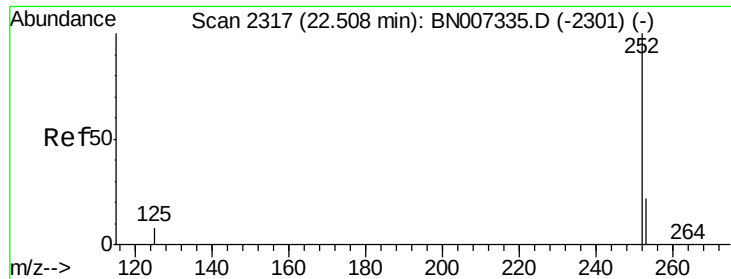


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.193 ng

RT: 22.51 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

Instrument :

BNA_N

ClientSampleId :

PB122506BS

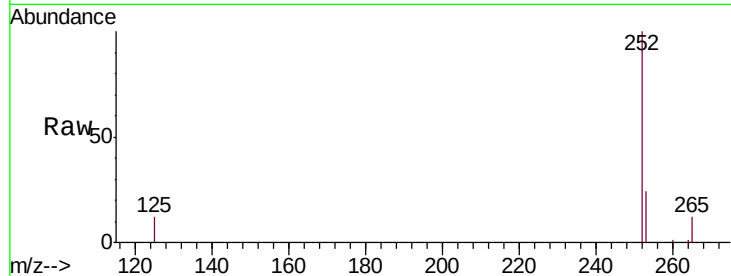
Tgt Ion:252 Resp: 20854

Ion Ratio Lower Upper

252 100

253 24.4 19.2 28.8

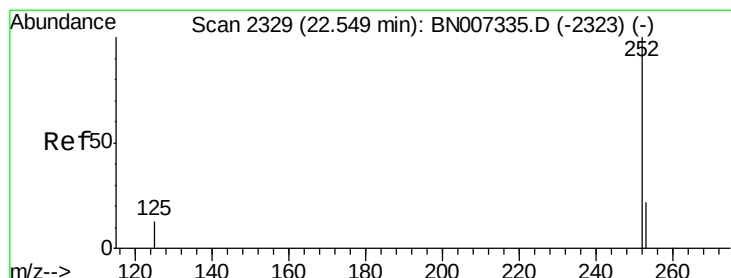
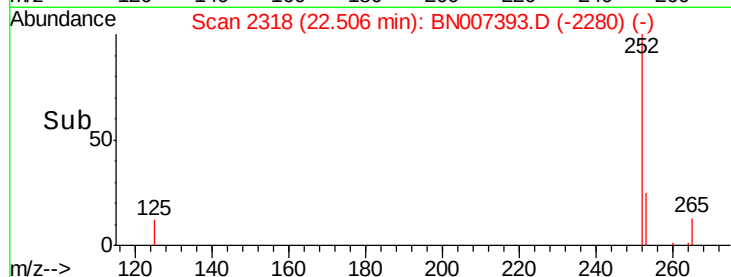
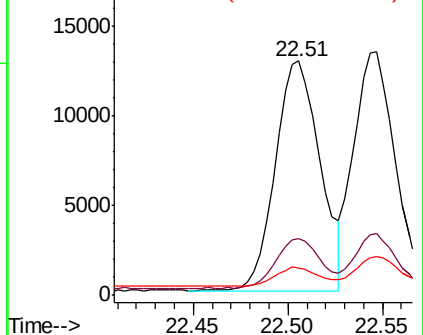
125 11.5 10.6 16.0



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: 0.195 ng

RT: 22.55 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

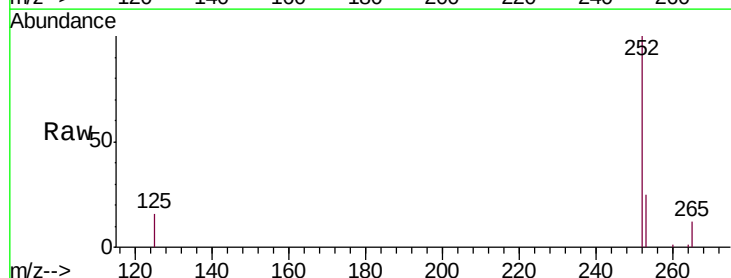
Tgt Ion:252 Resp: 20783

Ion Ratio Lower Upper

252 100

253 25.2 19.4 29.2

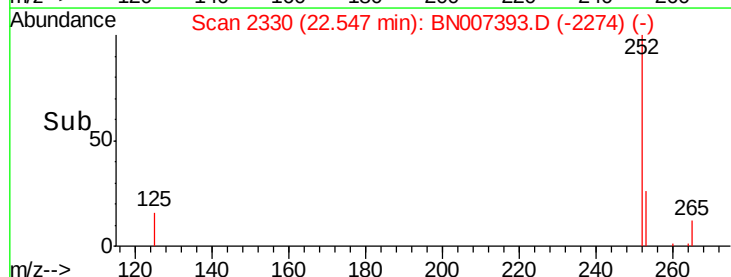
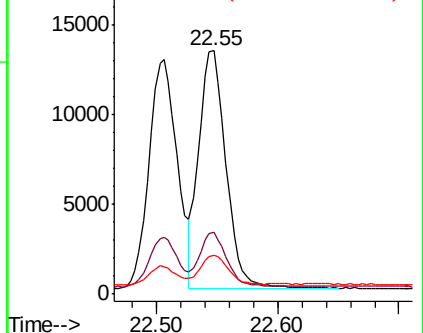
125 16.2 13.1 19.7

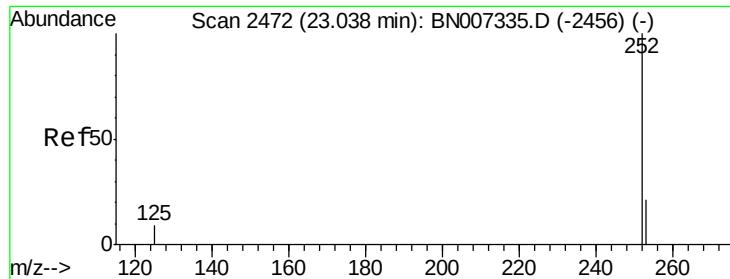


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.191 ng

RT: 23.03 min Scan# 2472

Delta R.T. -0.01 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

Instrument :

BNA_N

ClientSampleId :

PB122506BS

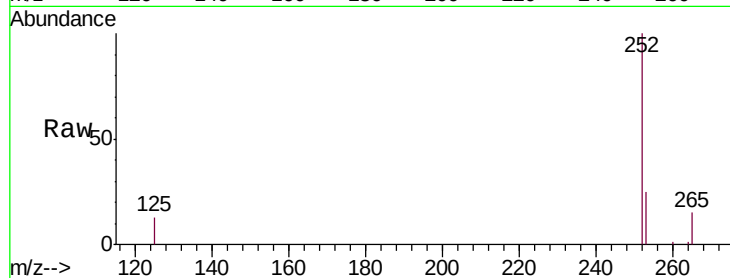
Tgt Ion:252 Resp: 19634

Ion Ratio Lower Upper

252 100

253 25.1 19.5 29.3

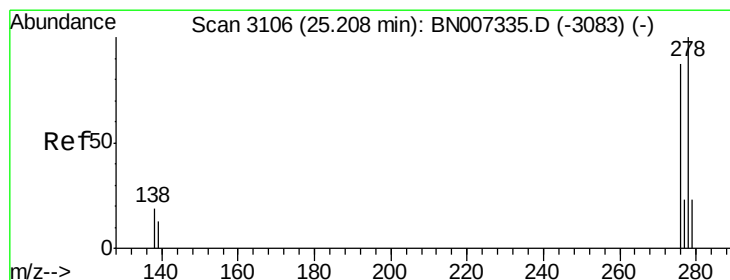
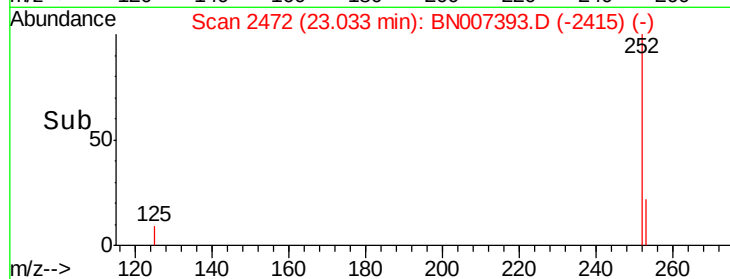
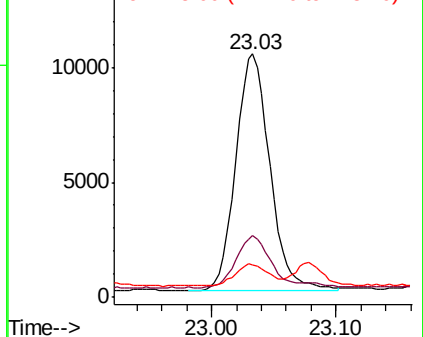
125 13.4 12.1 18.1



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: 0.200 ng

RT: 25.20 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN007393.D

Acq: 25 Aug 2019 13:39

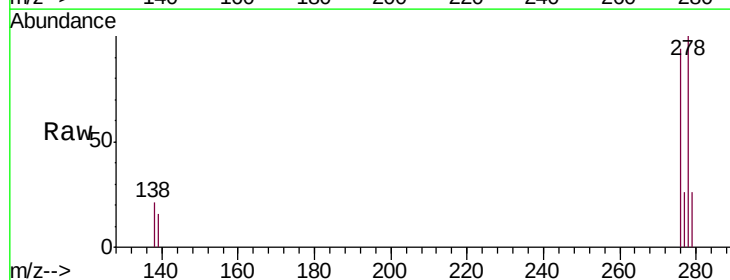
Tgt Ion:278 Resp: 20424

Ion Ratio Lower Upper

278 100

139 16.2 13.7 20.5

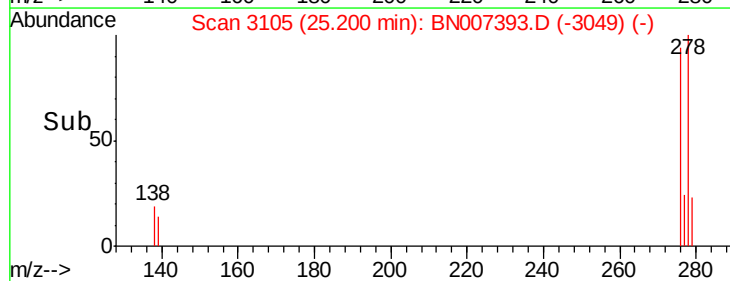
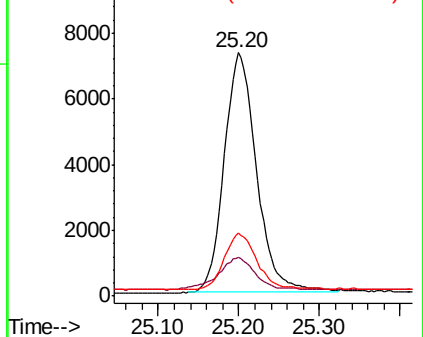
279 25.7 20.2 30.4

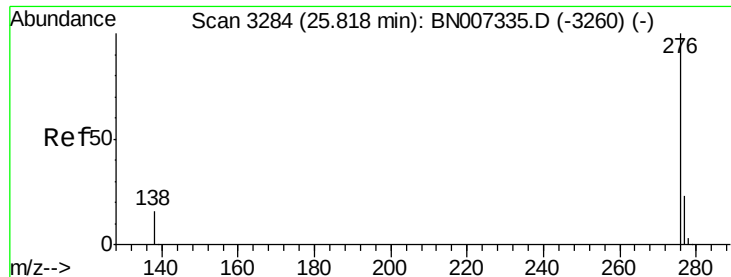


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.206 ng

RT: 25.81 min Scan# 3282

Delta R.T. -0.01 min

Lab File: BN007393.D

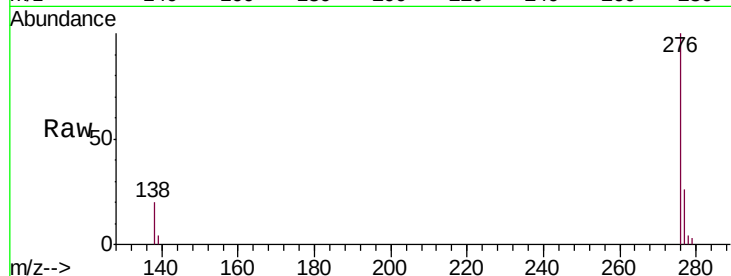
Acq: 25 Aug 2019 13:39

Instrument :

BNA_N

ClientSampleId :

PB122506BS



Tgt Ion: 276 Resp: 20965

Ion Ratio Lower Upper

276 100

277 25.7 19.6 29.4

138 19.9 16.3 24.5

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

