

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082919\
 Data File : BN007507.D
 Acq On : 29 Aug 2019 18:06
 Operator : HP/JU
 Sample : PB122591BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122591BS

Quant Time: Aug 30 01:59:16 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	5801	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	25848	0.40	ng	-0.01
13) Acenaphthene-d10	14.04	164	17161	0.40	ng	-0.01
19) Phenanthrene-d10	16.79	188	46783	0.40	ng	-0.01
27) Chrysene-d12	21.02	240	48768	0.40	ng	0.00
34) Perylene-d12	23.12	264	47008	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.03	112	7436	0.37	ng	0.00
5) Phenol-d6	6.59	99	11726	0.46	ng	0.00
8) Nitrobenzene-d5	8.53	82	8711	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	18366	0.43	ng	-0.01
14) 2,4,6-Tribromophenol	15.55	330	4001	0.45	ng	-0.01
15) 2-Fluorobiphenyl	12.66	172	22075	0.32	ng	0.00
25) Fluoranthene-d10	18.84	212	53082	0.35	ng	0.00
29) Terphenyl-d14	19.46	244	42389	0.33	ng	0.00

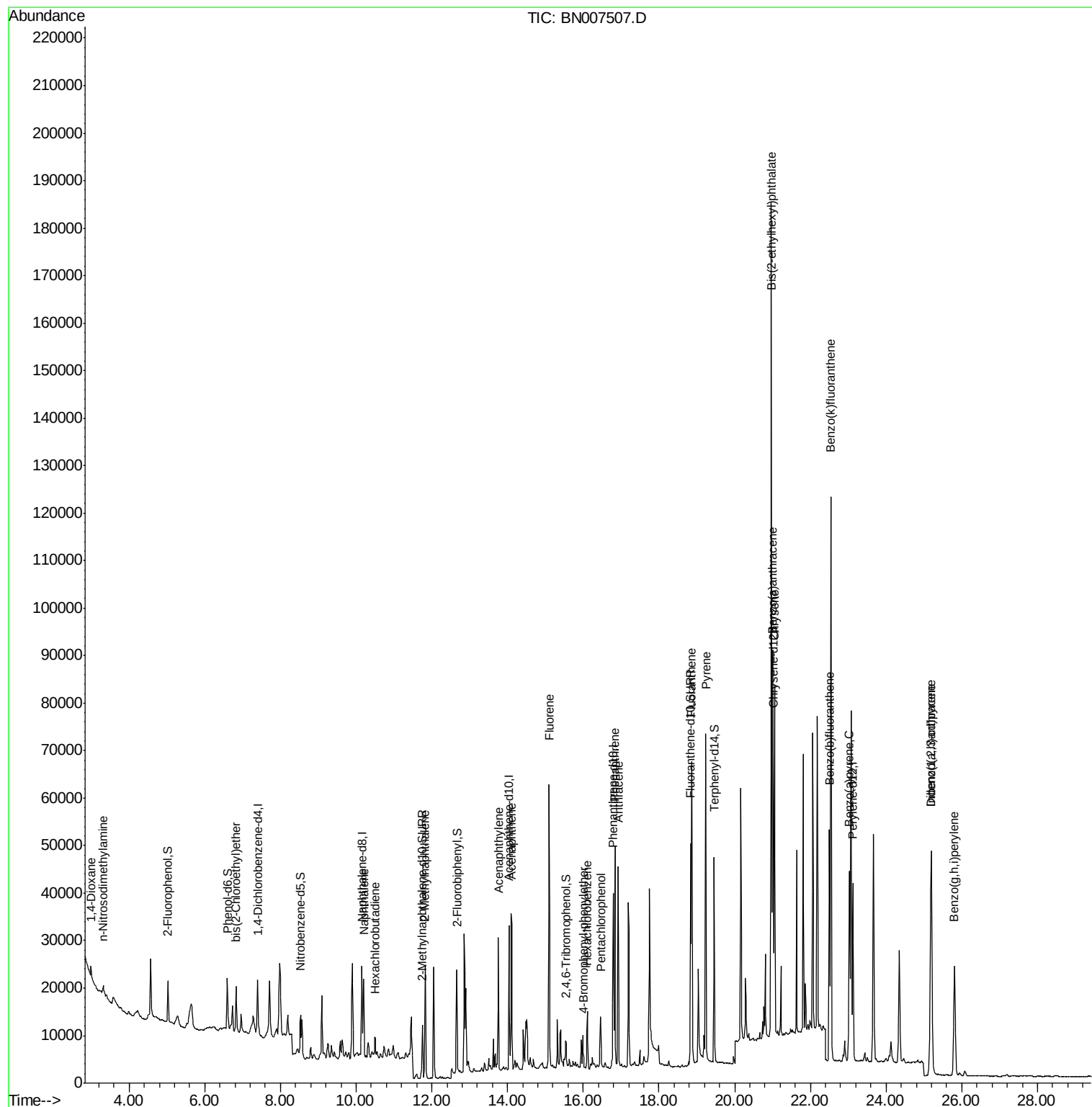
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.00	88	2264	0.235	ng	# 77
3) n-Nitrosodimethylamine	3.30	42	1691	0.378	ng	95
6) bis(2-Chloroethyl)ether	6.83	93	7149	0.341	ng	94
9) Naphthalene	10.20	128	23465	0.318	ng	# 91
10) Hexachlorobutadiene	10.51	225	3996	0.264	ng	# 100
12) 2-Methylnaphthalene	11.83	142	17940	0.357	ng	96
16) Acenaphthylene	13.75	152	31240	0.308	ng	99
17) Acenaphthene	14.11	154	19922	0.335	ng	93
18) Fluorene	15.10	166	27129	0.361	ng	98
20) 4-Bromophenyl-phenylether	16.01	248	1017	0.055	ng	89
21) Hexachlorobenzene	16.11	284	9021	0.288	ng	96
22) Pentachlorophenol	16.46	266	6733	0.691	ng	# 64
23) Phenanthrene	16.83	178	46722	0.332	ng	99
24) Anthracene	16.93	178	46314	0.327	ng	99
26) Fluoranthene	18.87	202	59562	0.330	ng	# 98
28) Pyrene	19.23	202	61479	0.313	ng	100
30) Benzo(a)anthracene	21.00	228	60050	0.314	ng	98
31) Chrysene	21.05	228	58433	0.316	ng	99
32) Bis(2-ethylhexyl)phthalate	20.96	149	144590	1.148	ng	99
33) Indeno(1,2,3-cd)pyrene	25.18	276	56738	0.255	ng	# 94
35) Benzo(b)fluoranthene	22.50	252	55575	0.326	ng	98
36) Benzo(k)fluoranthene	22.54	252	64888	0.385	ng	# 1
37) Benzo(a)pyrene	23.03	252	52274	0.323	ng	97
38) Dibenzo(a,h)anthracene	25.20	278	46577	0.288	ng	99
39) Benzo(g,h,i)perylene	25.81	276	46839	0.291	ng	99

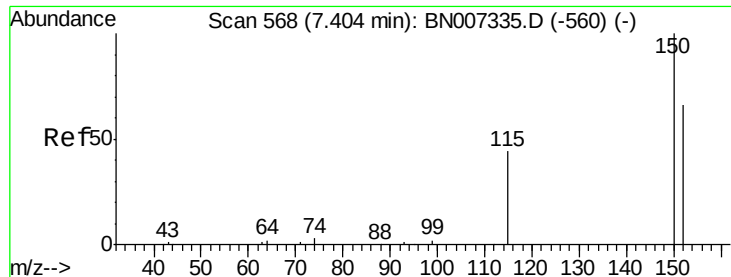
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN007507.D

Acq: 29 Aug 2019 18:06

Instrument :

BNA_N

ClientSampleId :

PB122591BS

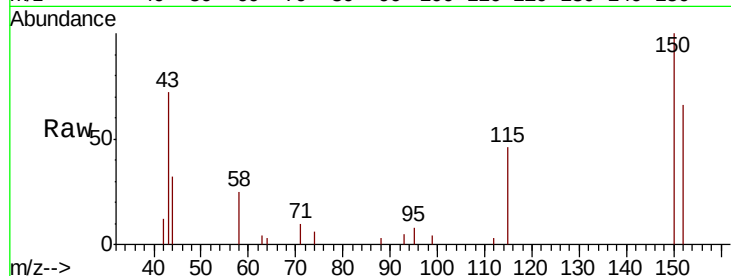
Tot Ion:152 Resp: 5801

Ion Ratio Lower Upper

152 100

150 150.7 109.1 163.7

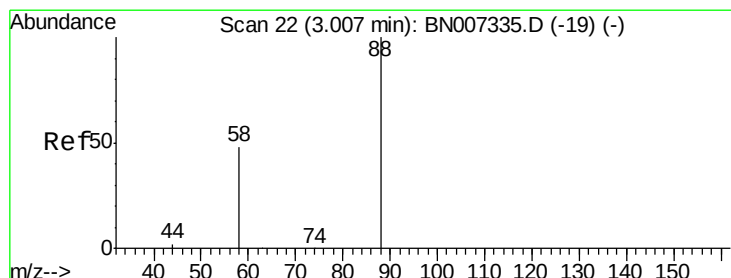
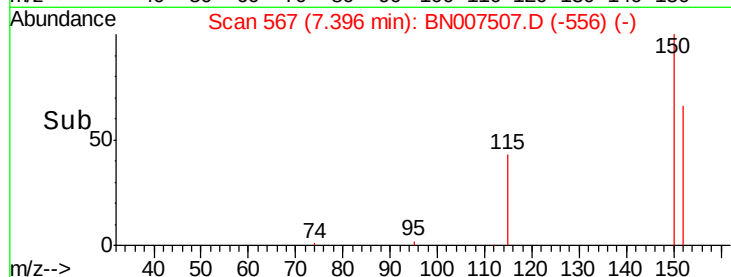
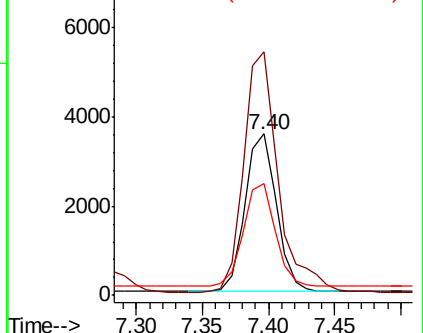
115 68.9 59.6 89.4



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: 0.235 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

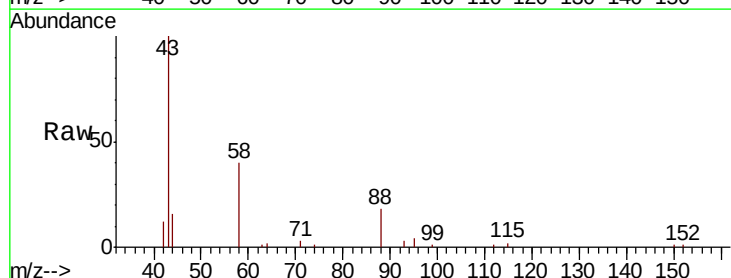
Tgt Ion: 88 Resp: 2264

Ion Ratio Lower Upper

88 100

58 81.0 50.5 75.7#

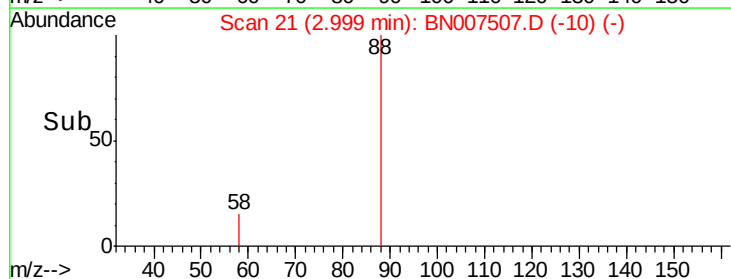
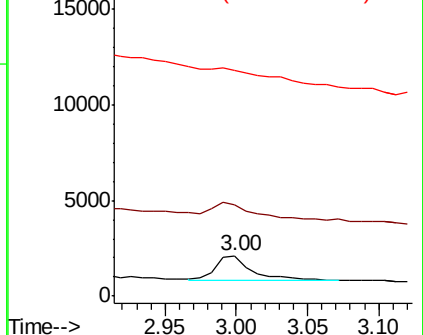
43 0.0 0.0 0.0

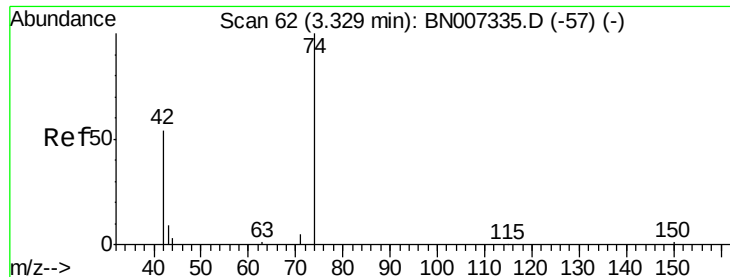


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



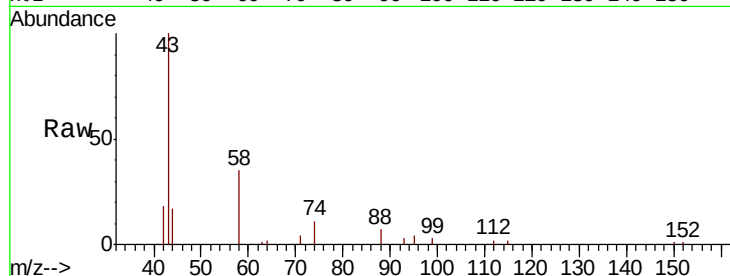


#3

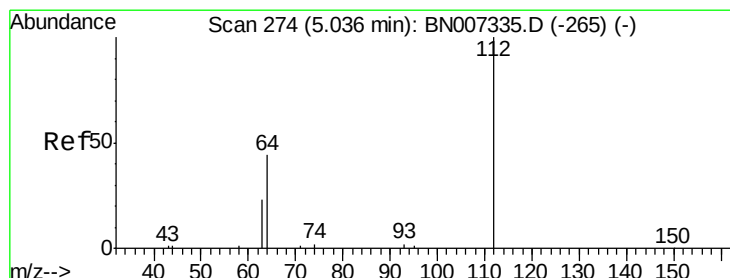
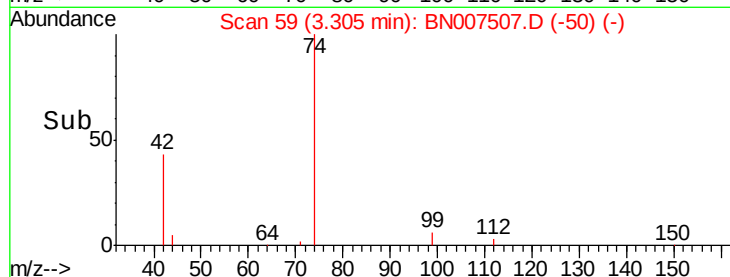
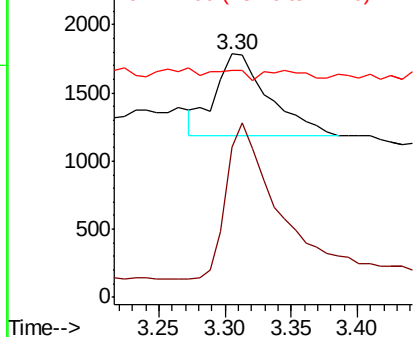
n-Nitrosodimethylamine
 Concen: 0.378 ng
 RT: 3.30 min Scan# 59
 Delta R.T. -0.02 min
 Lab File: BN007507.D
 Acq: 29 Aug 2019 18:06

Instrument :
 BNA_N
 ClientSampleId :
 PB122591BS

Tot Ion: 42 Resp: 1691
 Ion Ratio Lower Upper
 42 100
 74 188.4 144.7 217.1
 44 4.1 3.2 4.8



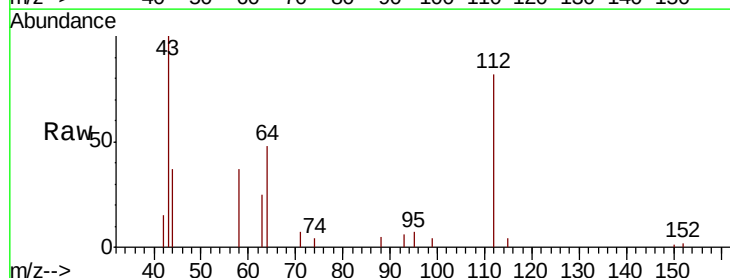
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



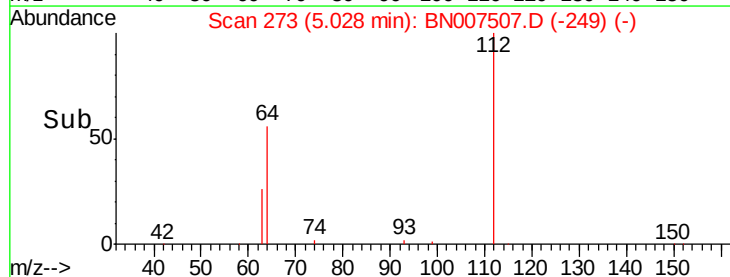
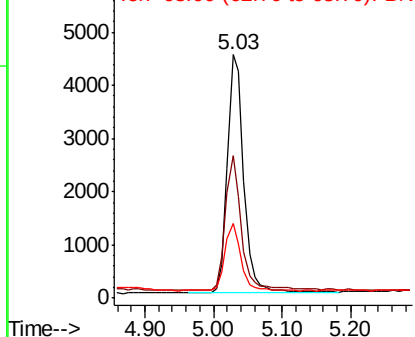
#4

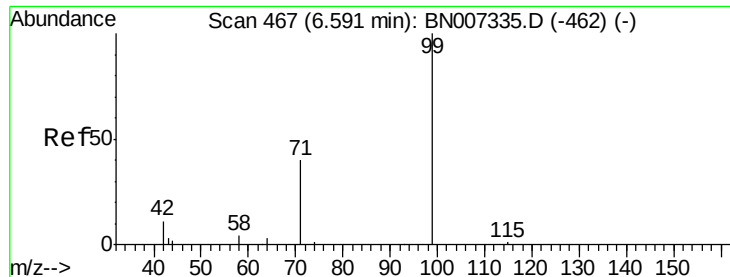
2-Fluorophenol
 Concen: 0.367 ng
 RT: 5.03 min Scan# 273
 Delta R.T. -0.01 min
 Lab File: BN007507.D
 Acq: 29 Aug 2019 18:06

Tgt Ion: 112 Resp: 7436
 Ion Ratio Lower Upper
 112 100
 64 55.1 42.3 63.5
 63 27.1 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BN0
 Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.463 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

Instrument :

BNA_N

ClientSampleId :

PB122591BS

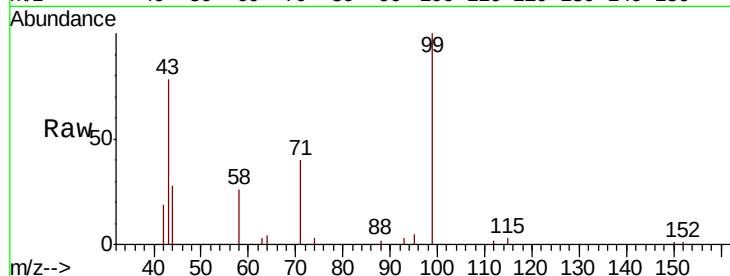
Tot Ion: 99 Resp: 11726

Ion Ratio Lower Upper

99 100

42 10.7 11.2 16.8#

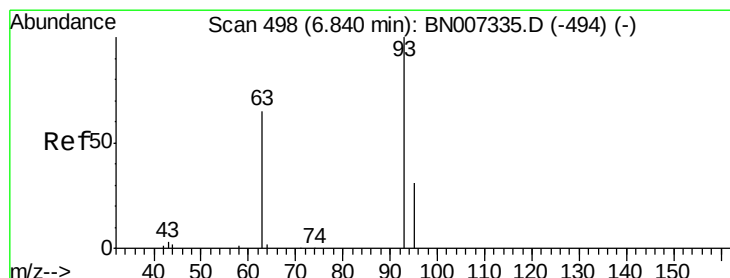
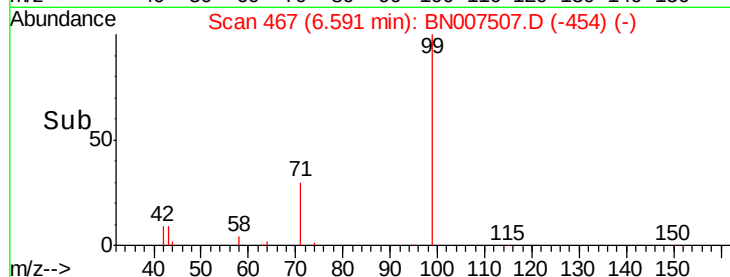
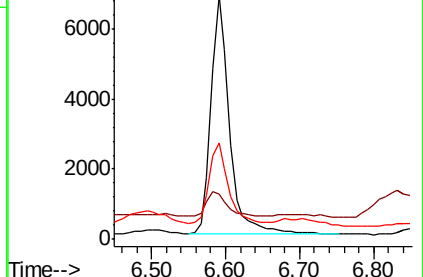
71 35.7 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007507.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007507.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007507.D (-462) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.341 ng

RT: 6.83 min Scan# 497

Delta R.T. -0.01 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

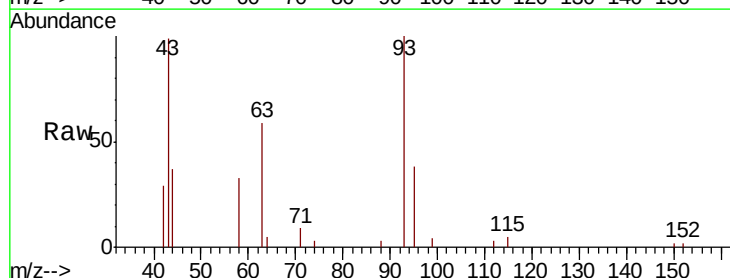
Tgt Ion: 93 Resp: 7149

Ion Ratio Lower Upper

93 100

63 60.5 51.9 77.9

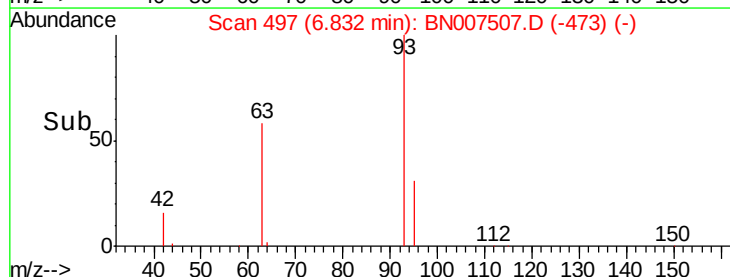
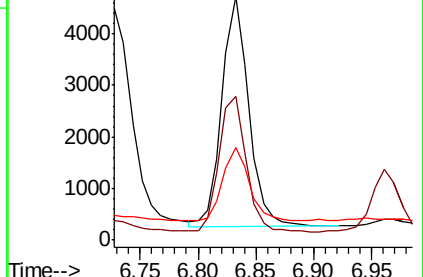
95 31.2 27.7 41.5

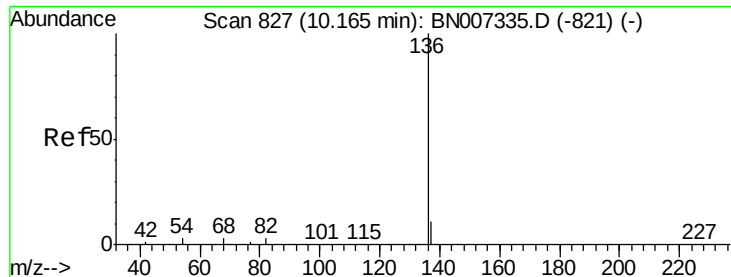


Abundance Ion 93.00 (92.70 to 93.70): BN007507.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN007507.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN007507.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

Instrument :

BNA_N

ClientSampleId :

PB122591BS

Tot Ion:136 Resp: 25848

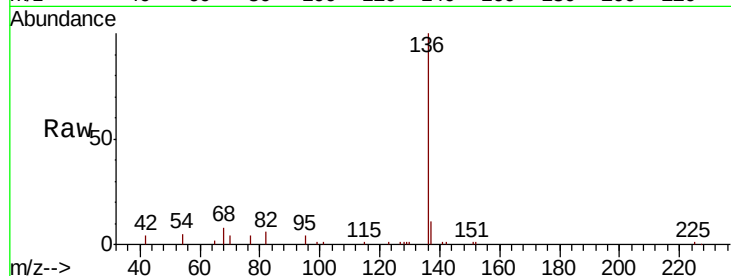
Ion Ratio Lower Upper

136 100

137 11.4 12.9 19.3#

54 4.7 8.6 12.8#

68 7.7 17.0 25.4#

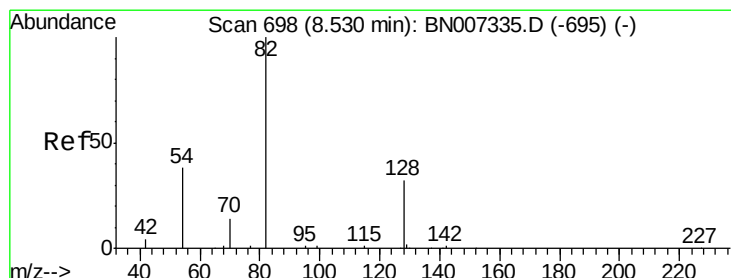
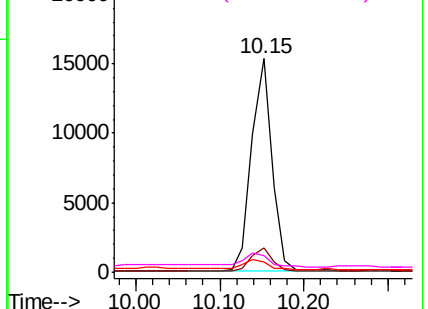
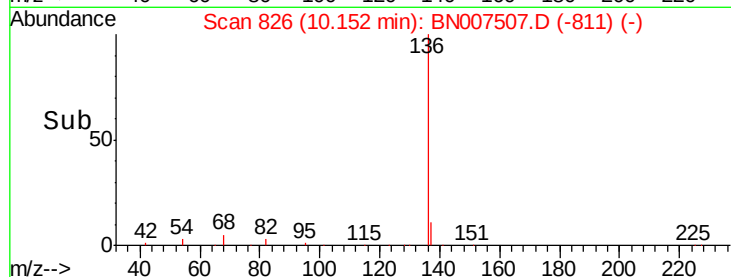


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.387 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

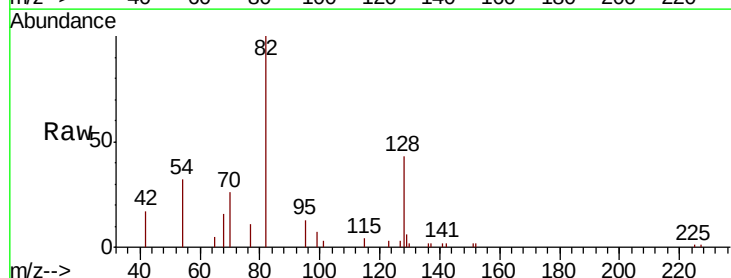
Tgt Ion: 82 Resp: 8711

Ion Ratio Lower Upper

82 100

128 43.3 19.7 29.5#

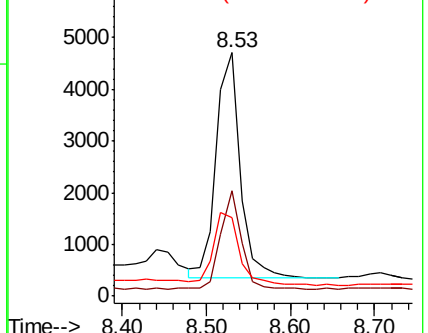
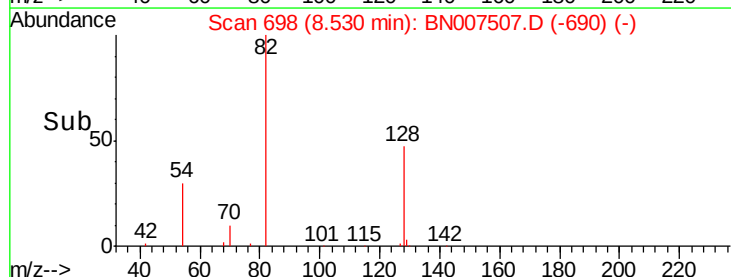
54 32.4 25.8 38.6

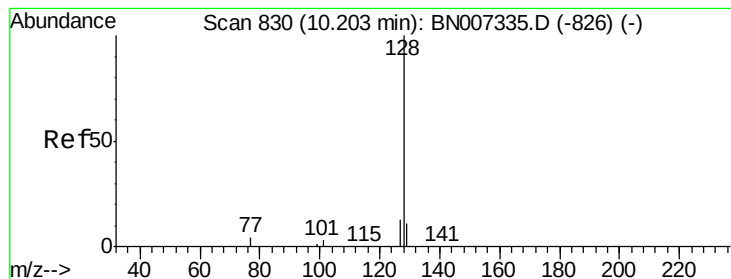


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.318 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

Instrument :

BNA_N

ClientSampleId :

PB122591BS

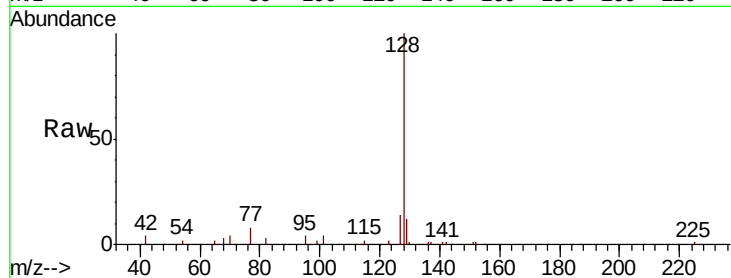
Tot Ion:128 Resp: 23465

Ion Ratio Lower Upper

128 100

129 11.9 11.1 16.7

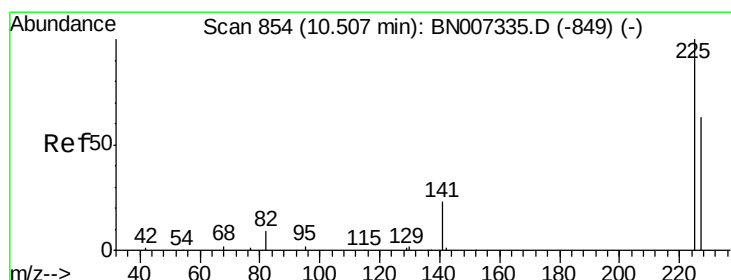
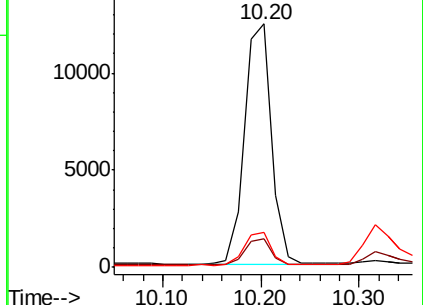
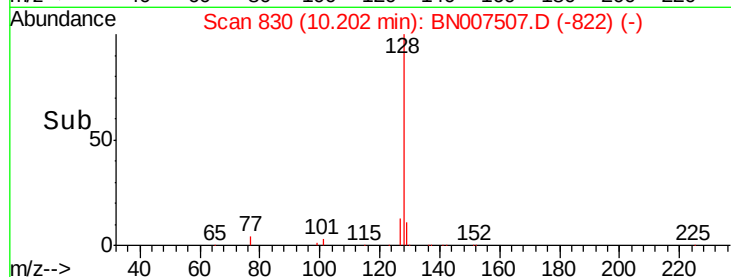
127 14.1 15.5 23.3#



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: 0.264 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

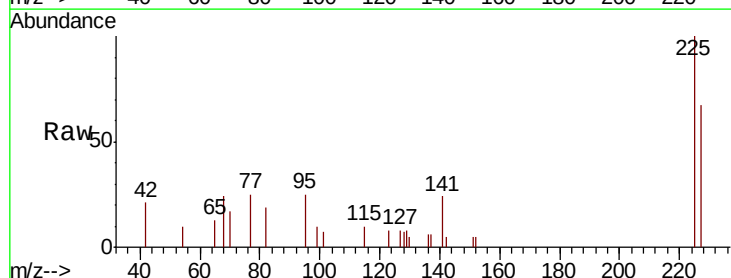
Tgt Ion:225 Resp: 3996

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

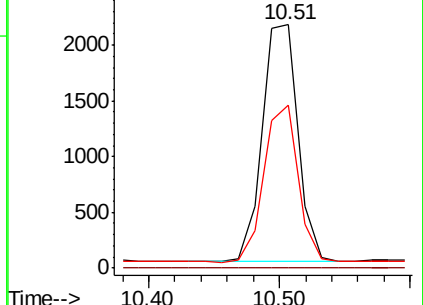
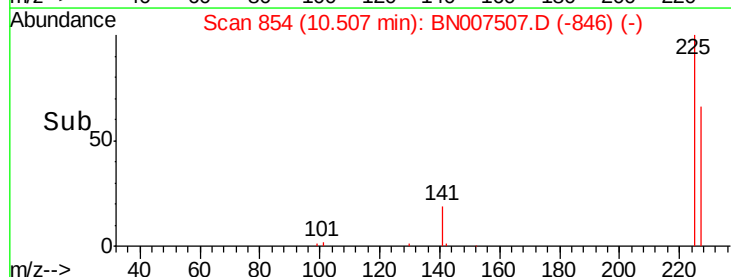
227 63.2 50.7 76.1

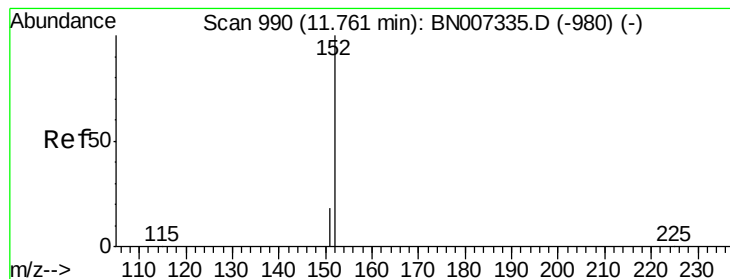


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.428 ng

RT: 11.75 min Scan# 987

Delta R.T. -0.01 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

Instrument :

BNA_N

ClientSampleId :

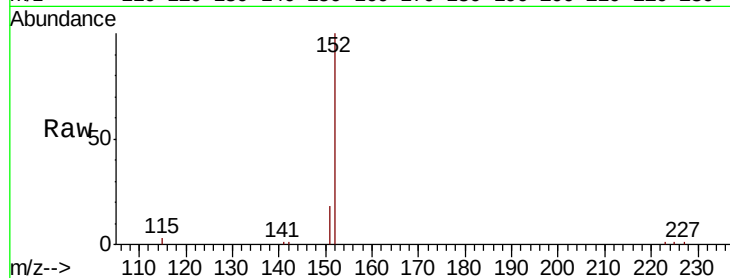
PB122591BS

Tot Ion:152 Resp: 18366

Ion Ratio Lower Upper

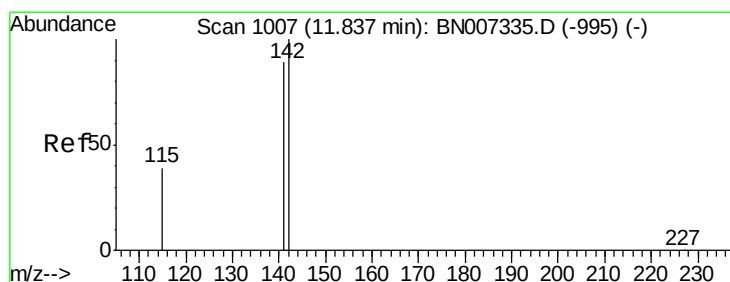
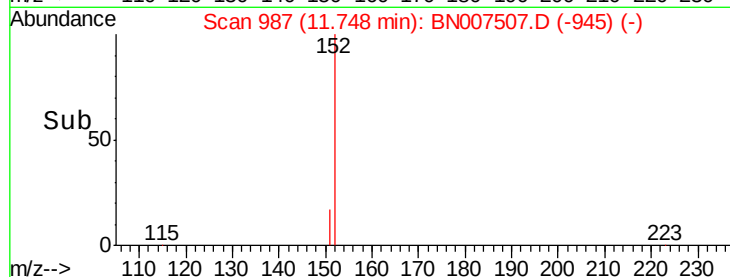
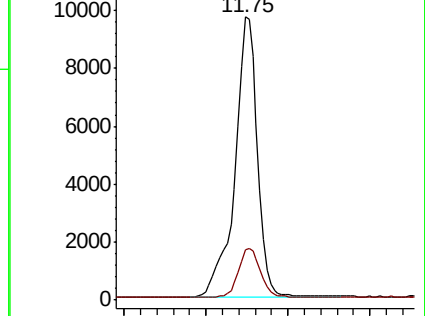
152 100

151 16.9 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: 0.357 ng

RT: 11.83 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

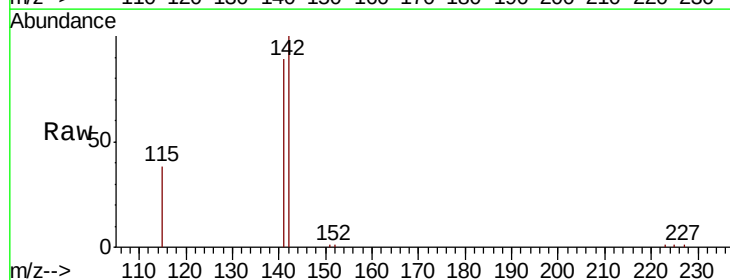
Tgt Ion:142 Resp: 17940

Ion Ratio Lower Upper

142 100

141 88.9 72.8 109.2

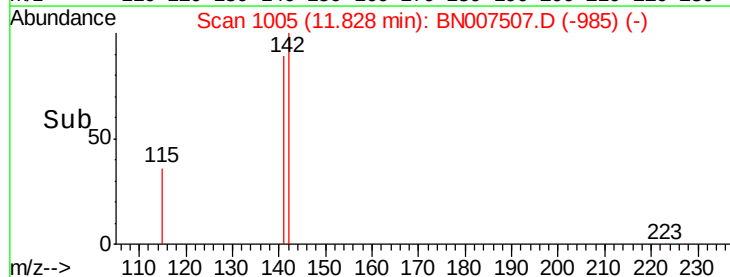
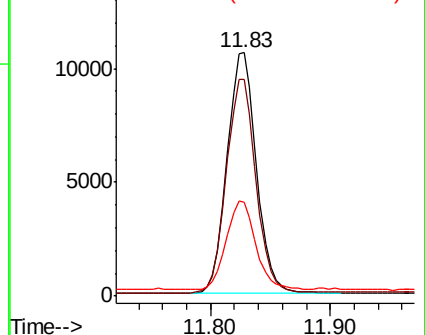
115 38.3 35.2 52.8

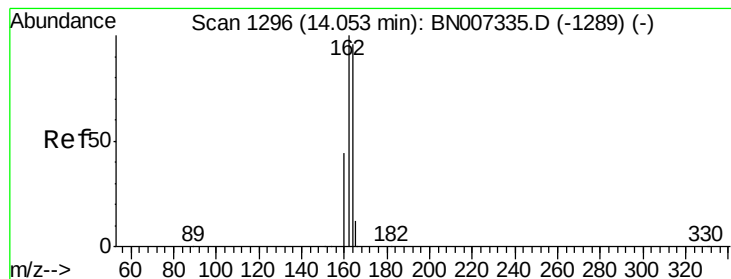


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.04 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

Instrument :

BNA_N

ClientSampleId :

PB122591BS

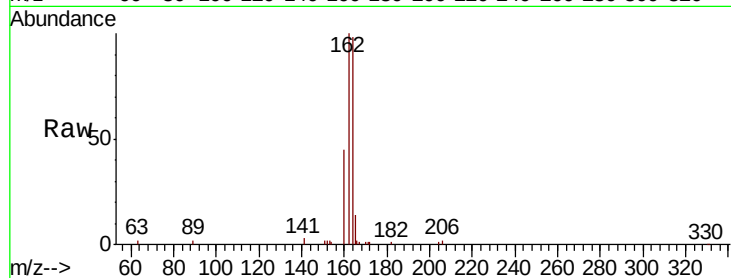
Tot Ion:164 Resp: 17161

Ion Ratio Lower Upper

164 100

162 101.8 83.5 125.3

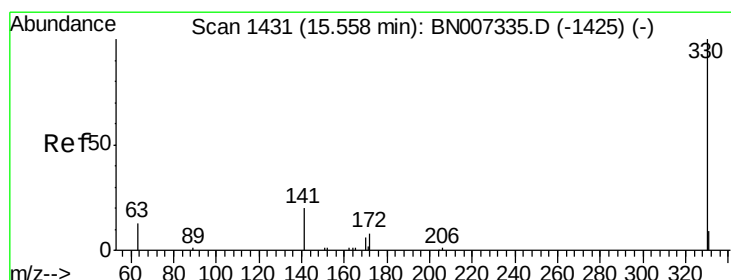
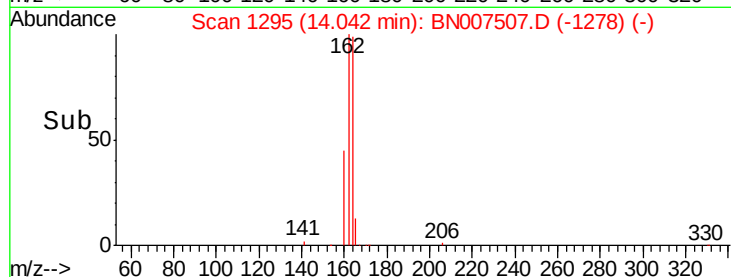
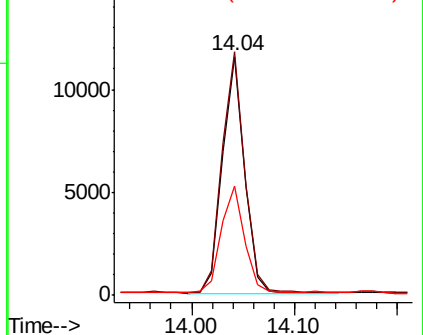
160 45.7 38.2 57.4



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: 0.446 ng

RT: 15.55 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

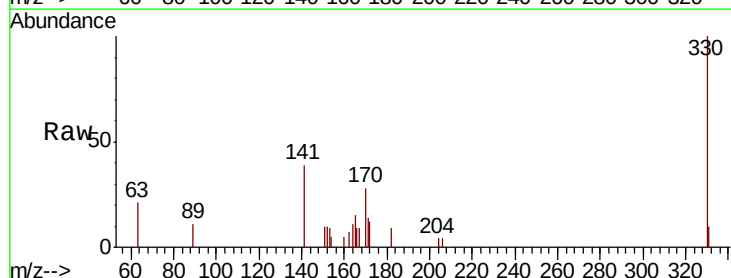
Tgt Ion:330 Resp: 4001

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

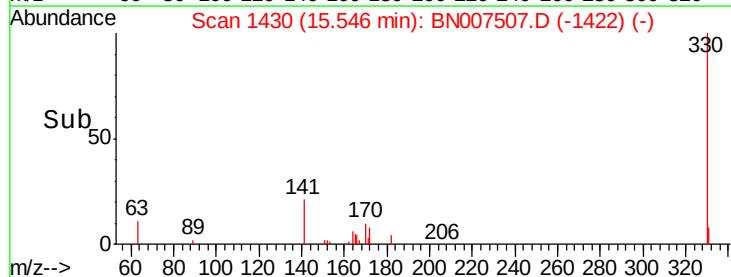
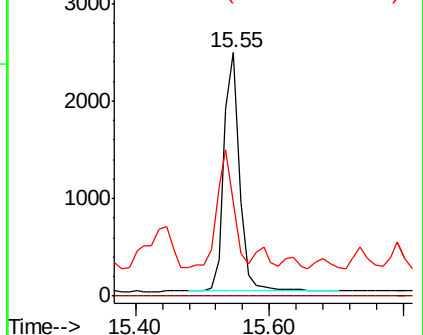
141 51.6 26.9 40.3#

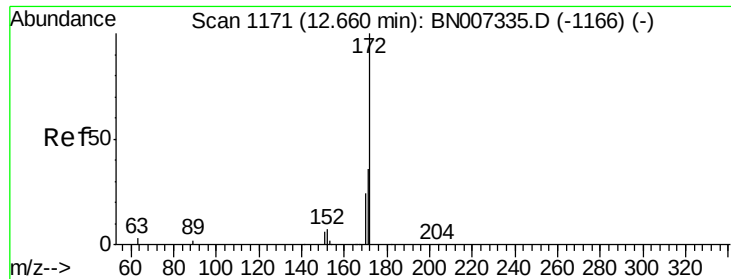


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

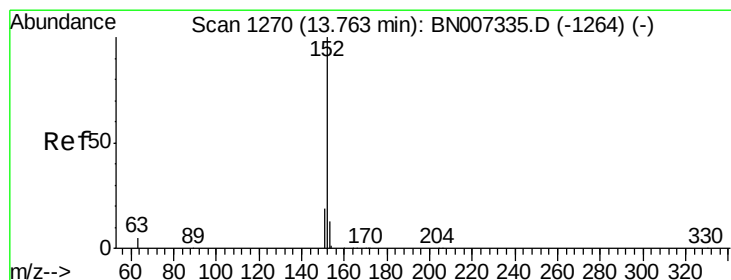
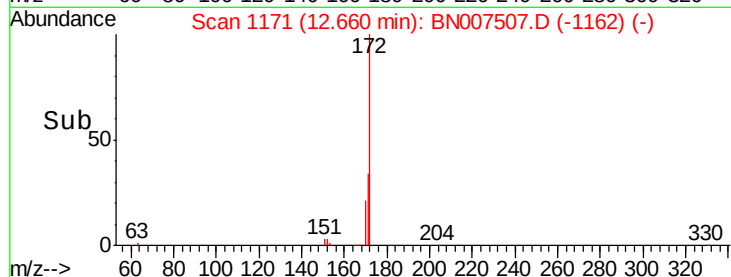
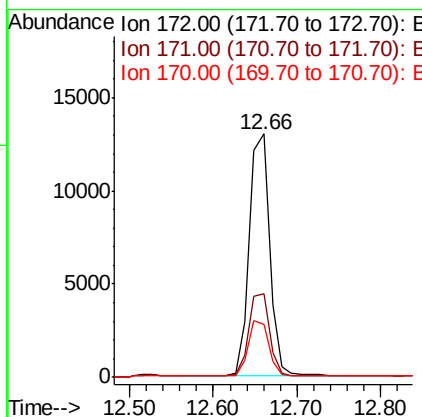
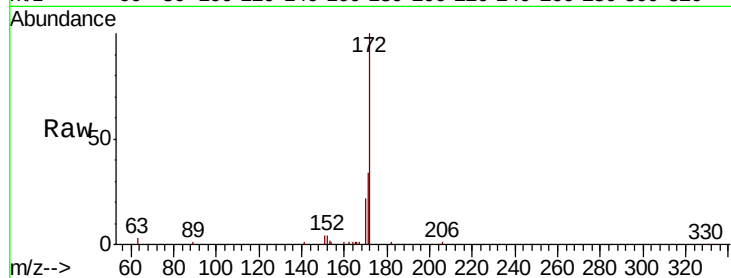




#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 12.66 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BN007507.D
Acq: 29 Aug 2019 18:06

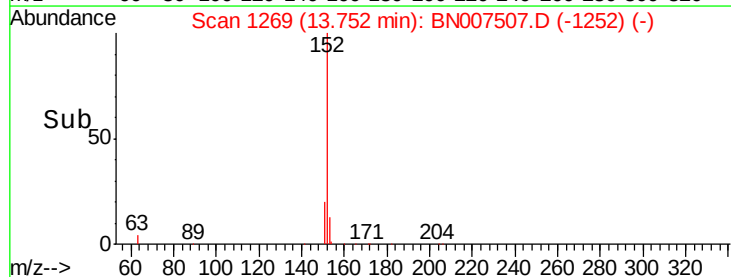
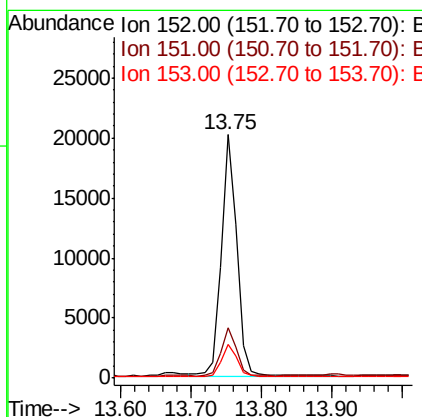
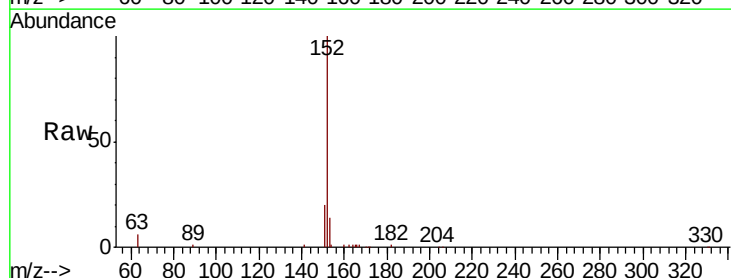
Instrument :
BNA_N
ClientSampleId :
PB122591BS

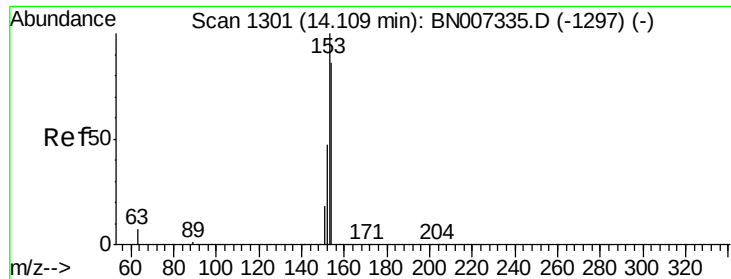
Tot Ion:172 Resp: 22075
Ion Ratio Lower Upper
172 100
171 34.1 30.3 45.5
170 21.9 20.7 31.1



#16
Acenaphthylene
Concen: 0.308 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BN007507.D
Acq: 29 Aug 2019 18:06

Tgt Ion:152 Resp: 31240
Ion Ratio Lower Upper
152 100
151 19.4 16.1 24.1
153 13.2 10.6 15.8





#17

Acenaphthene

Concen: 0.335 ng

RT: 14.11 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

Instrument :

BNA_N

ClientSampleId :

PB122591BS

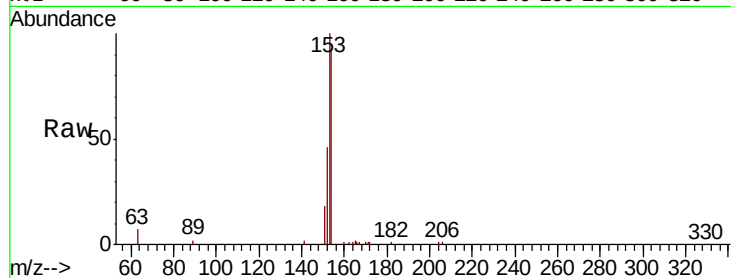
Tot Ion:154 Resp: 19922

Ion Ratio Lower Upper

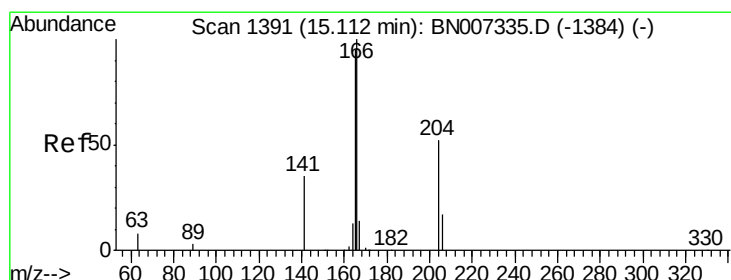
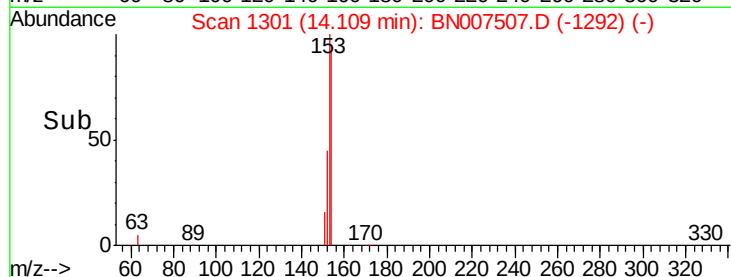
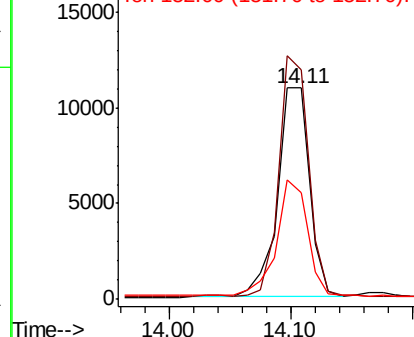
154 100

153 105.8 92.8 139.2

152 53.7 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: 0.361 ng

RT: 15.10 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

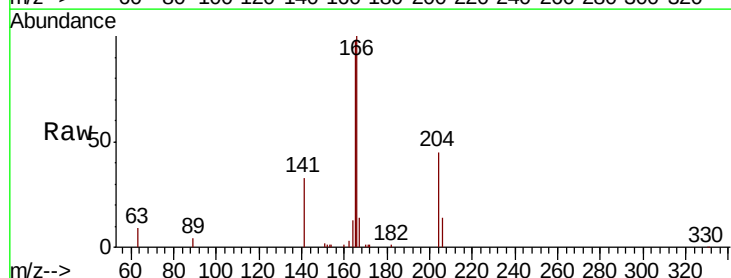
Tgt Ion:166 Resp: 27129

Ion Ratio Lower Upper

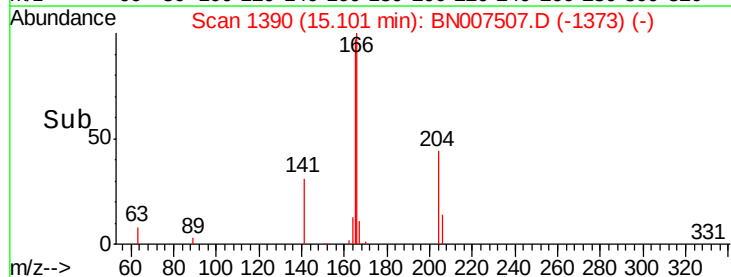
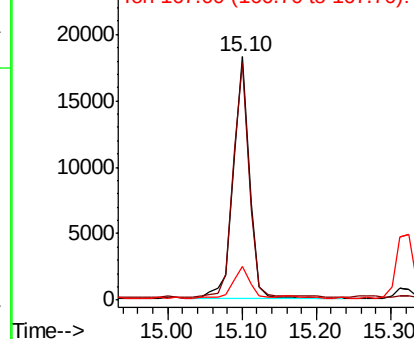
166 100

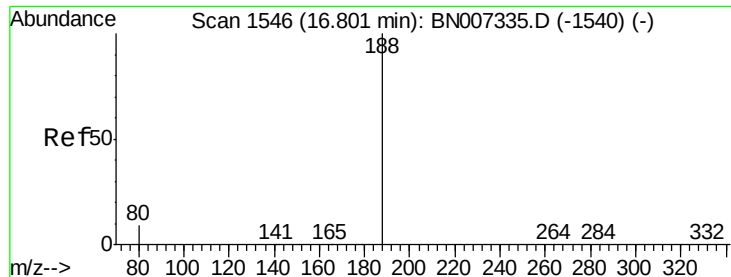
165 96.1 79.0 118.4

167 13.1 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# 1545

Delta R.T. -0.01 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

Instrument :

BNA_N

ClientSampleId :

PB122591BS

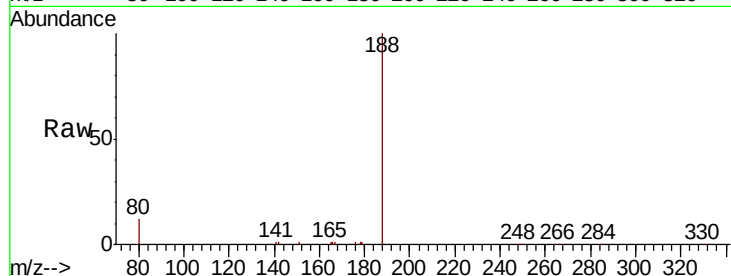
Tot Ion:188 Resp: 46783

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

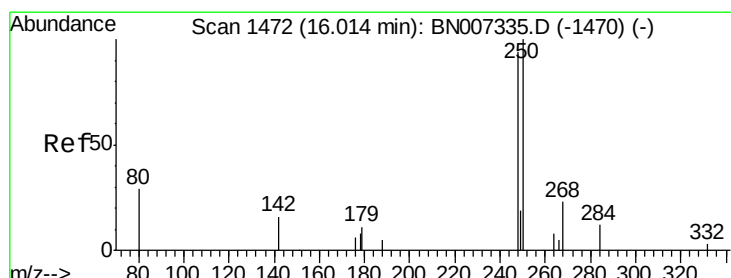
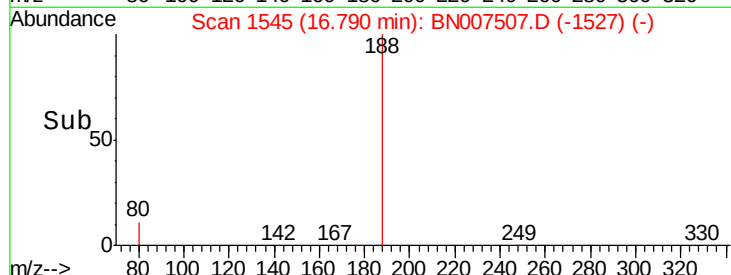
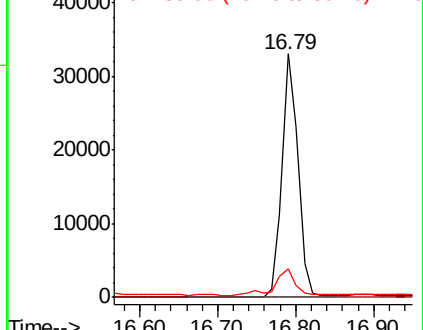
80 11.9 11.8 17.8



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: 0.055 ng

RT: 16.01 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

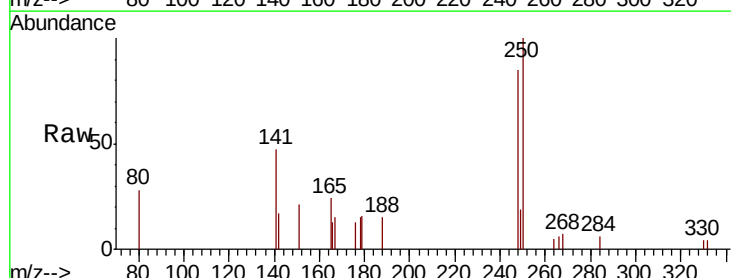
Tgt Ion:248 Resp: 1017

Ion Ratio Lower Upper

248 100

250 117.3 85.0 127.6

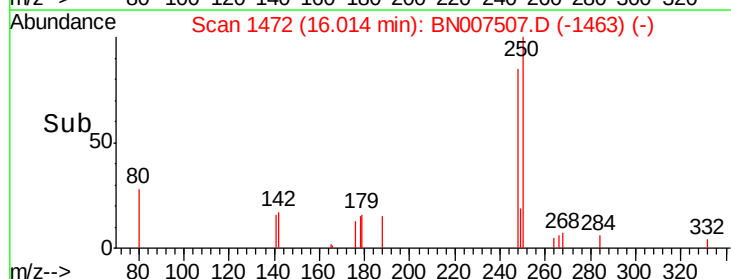
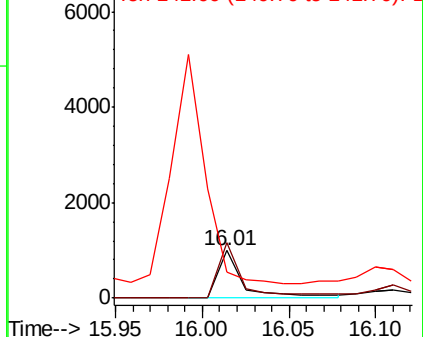
141 55.4 51.7 77.5

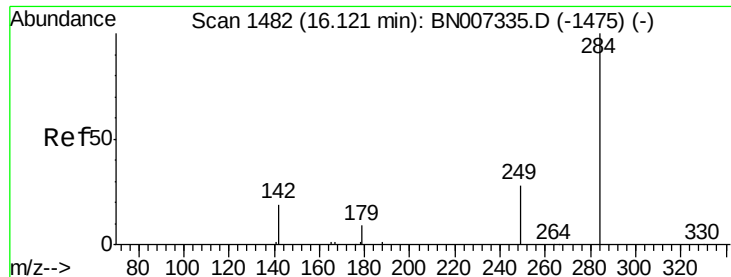


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

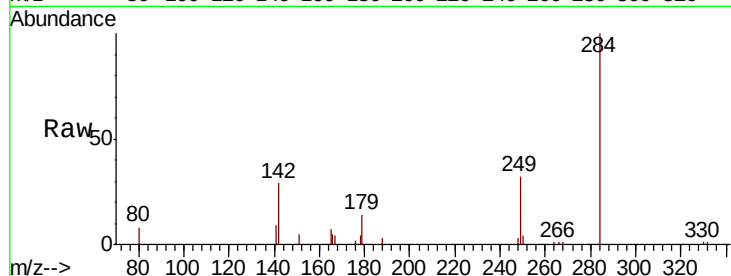




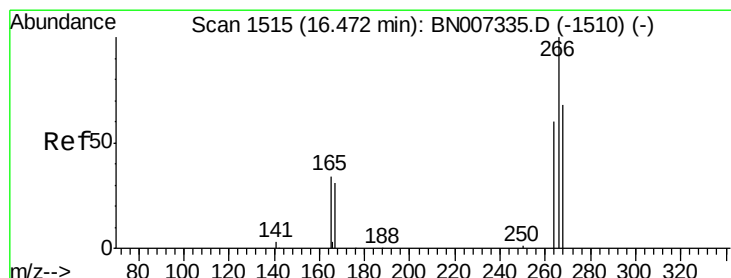
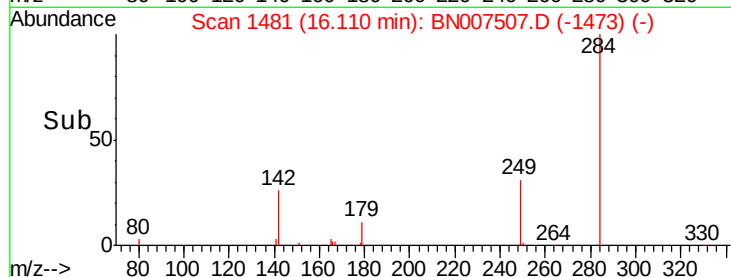
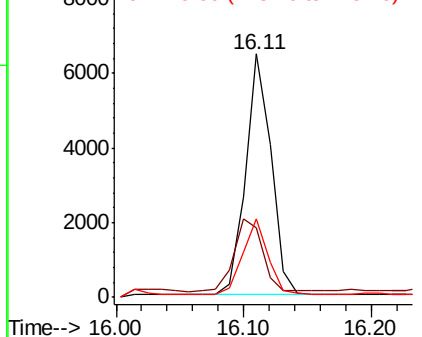
#21
Hexachlorobenzene
Concen: 0.288 ng
RT: 16.11 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BN007507.D
Acq: 29 Aug 2019 18:06

Instrument :
BNA_N
ClientSampleId :
PB122591BS

Tot Ion:284 Resp: 9021
Ion Ratio Lower Upper
284 100
142 33.0 29.0 43.6
249 30.2 24.9 37.3

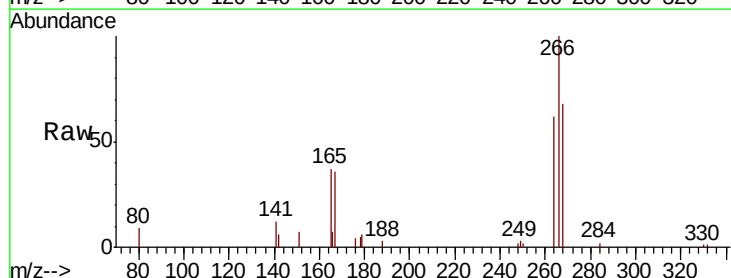


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

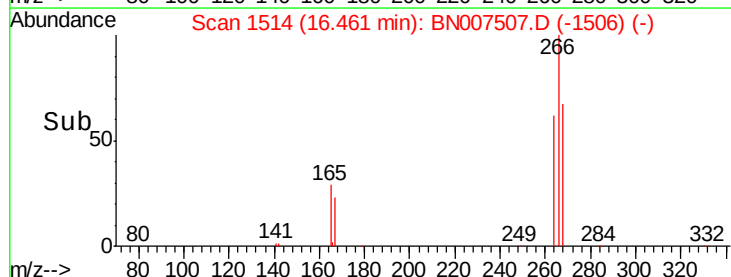
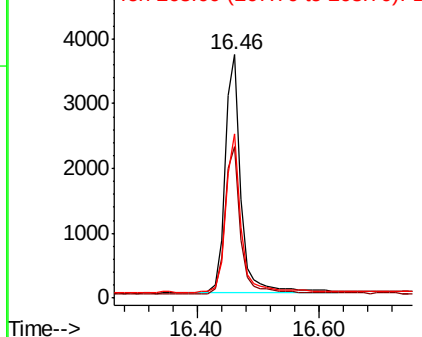


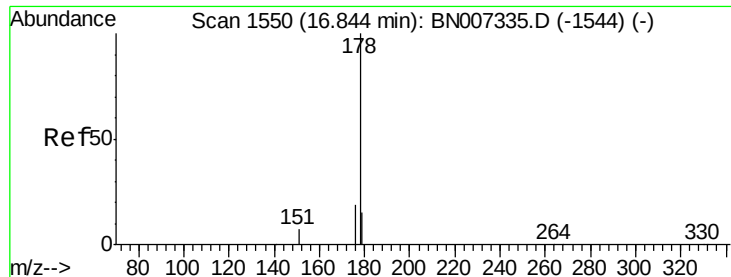
#22
Pentachlorophenol
Concen: 0.691 ng
RT: 16.46 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BN007507.D
Acq: 29 Aug 2019 18:06

Tgt Ion:266 Resp: 6733
Ion Ratio Lower Upper
266 100
264 62.0 57.8 86.8
268 67.6 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: 0.332 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

Instrument :

BNA_N

ClientSampleId :

PB122591BS

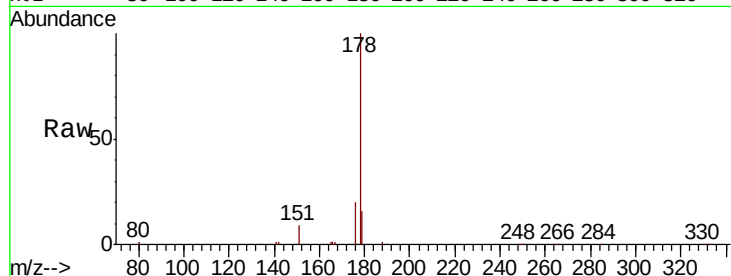
Tot Ion:178 Resp: 46722

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

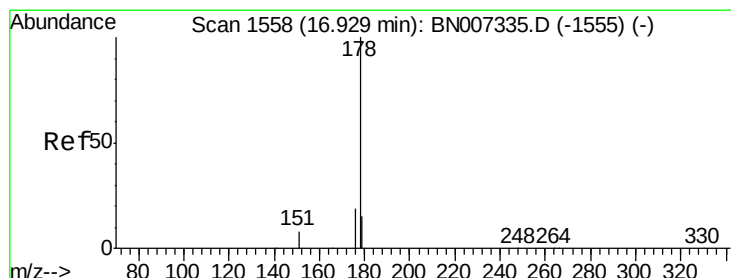
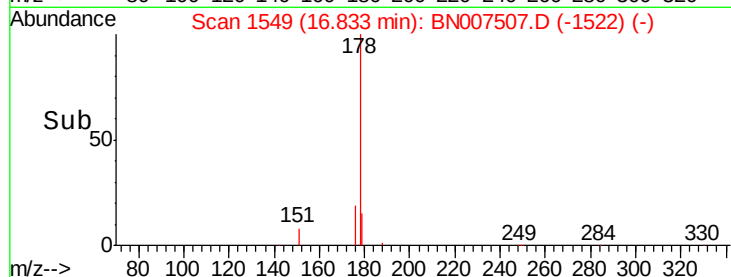
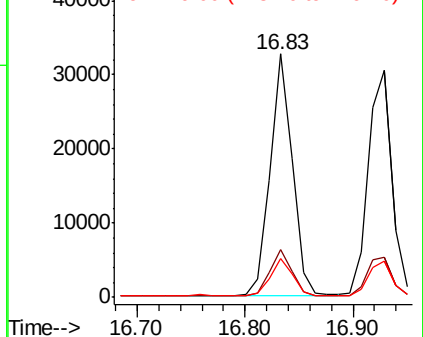
179 15.4 12.6 19.0



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: 0.327 ng

RT: 16.93 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

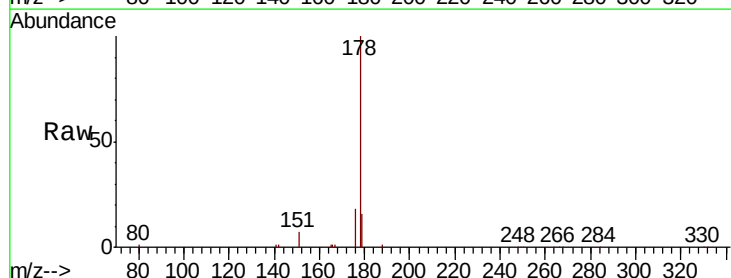
Tgt Ion:178 Resp: 46314

Ion Ratio Lower Upper

178 100

176 18.0 14.9 22.3

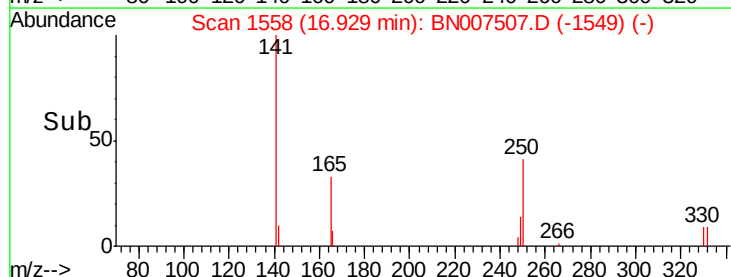
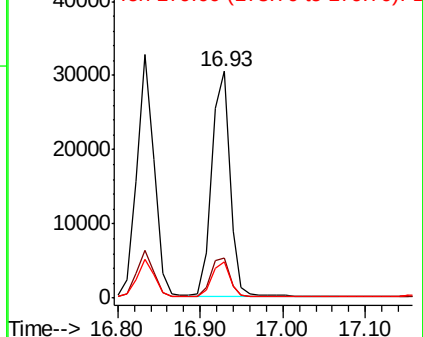
179 15.2 12.4 18.6

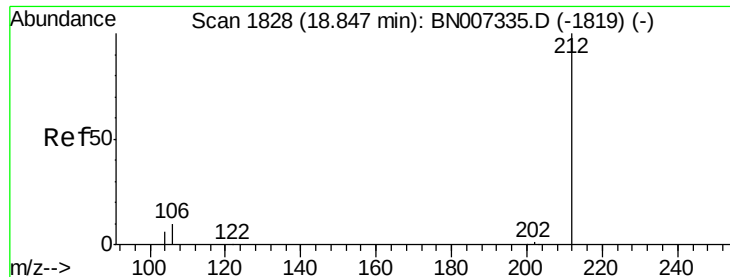


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.352 ng

RT: 18.84 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

Instrument :

BNA_N

ClientSampleId :

PB122591BS

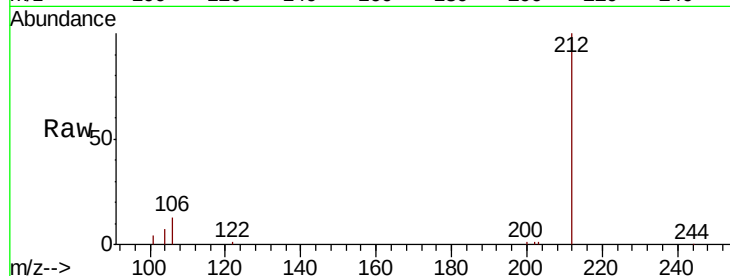
Tot Ion:212 Resp: 53082

Ion Ratio Lower Upper

212 100

106 12.1 9.0 13.4

104 7.0 5.4 8.2

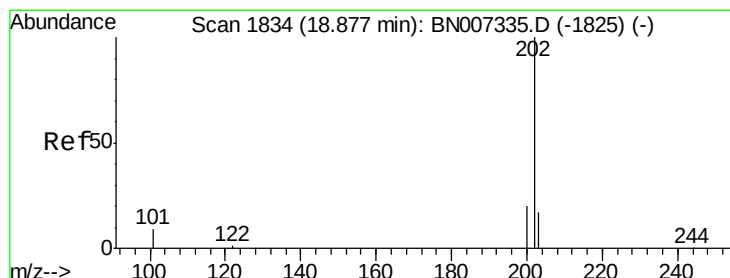
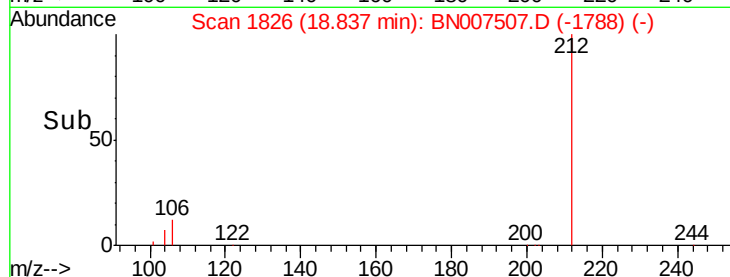
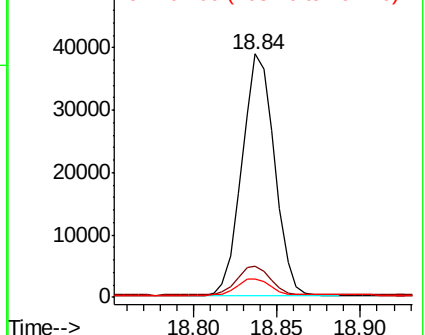


Abundance

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: 0.330 ng

RT: 18.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

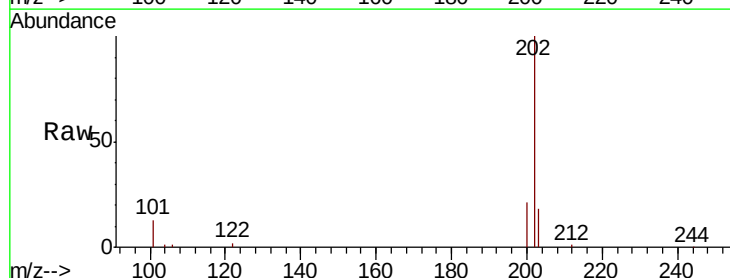
Tgt Ion:202 Resp: 59562

Ion Ratio Lower Upper

202 100

101 11.6 7.7 11.5#

203 17.3 13.7 20.5

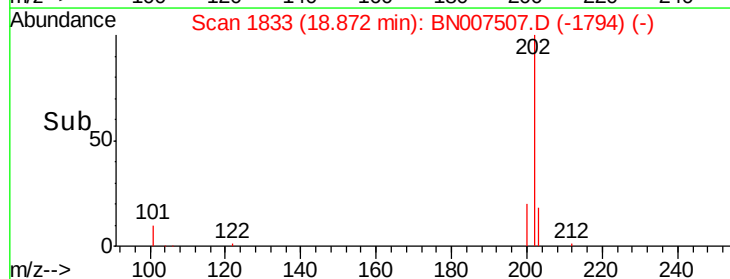
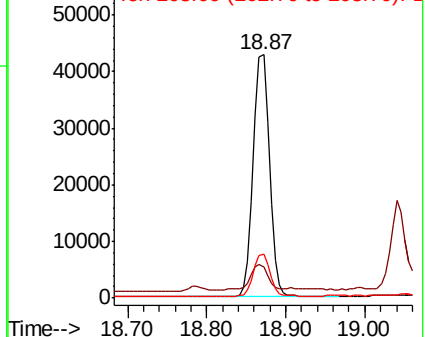


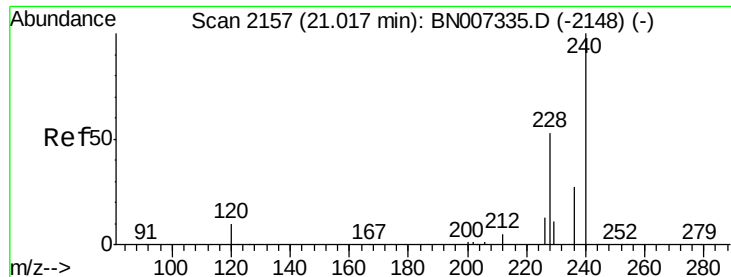
Abundance

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

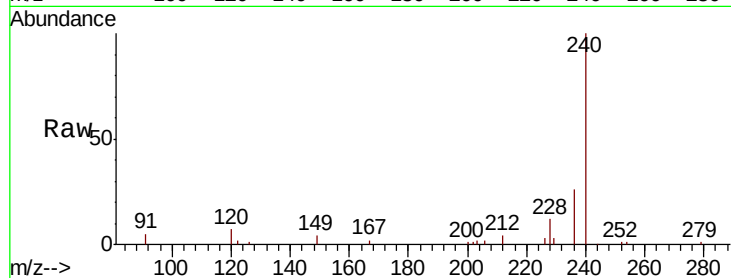




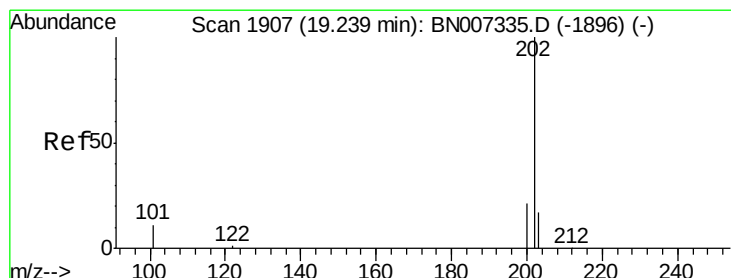
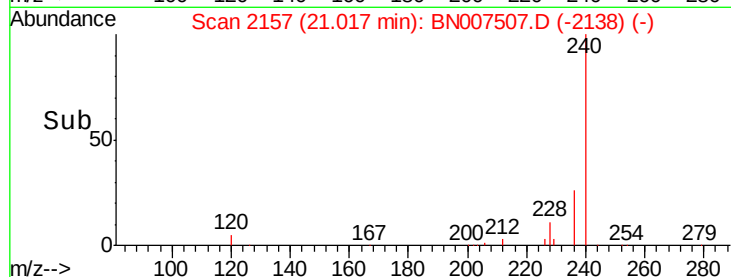
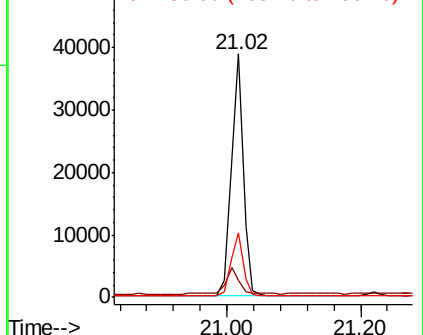
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007507.D
Acq: 29 Aug 2019 18:06

Instrument :
BNA_N
ClientSampleId :
PB122591BS

Tot Ion:240 Resp: 48768
Ion Ratio Lower Upper
240 100
120 6.8 9.6 14.4#
236 26.4 22.2 33.2

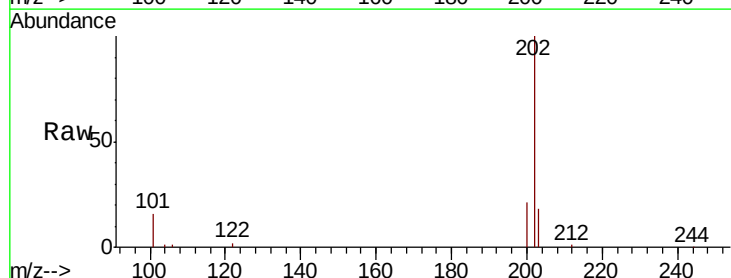


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

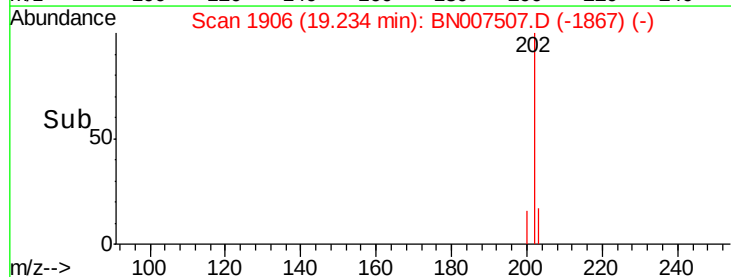
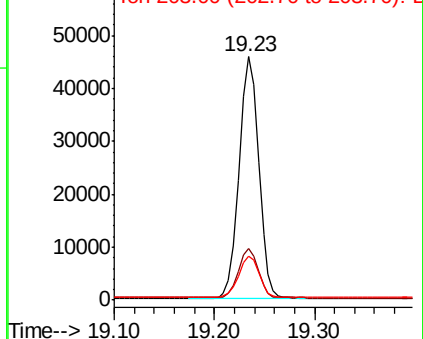


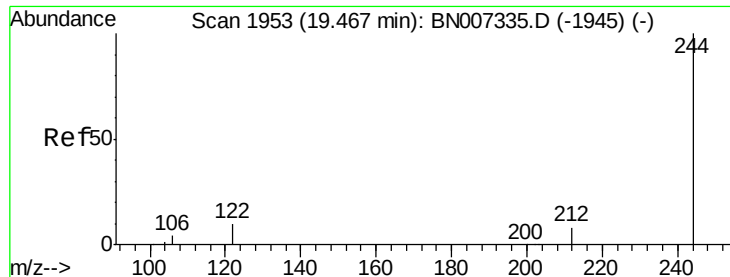
#28
Pyrene
Concen: 0.313 ng
RT: 19.23 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BN007507.D
Acq: 29 Aug 2019 18:06

Tgt Ion:202 Resp: 61479
Ion Ratio Lower Upper
202 100
200 20.6 16.6 25.0
203 18.0 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: 0.332 ng

RT: 19.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

Instrument :

BNA_N

ClientSampleId :

PB122591BS

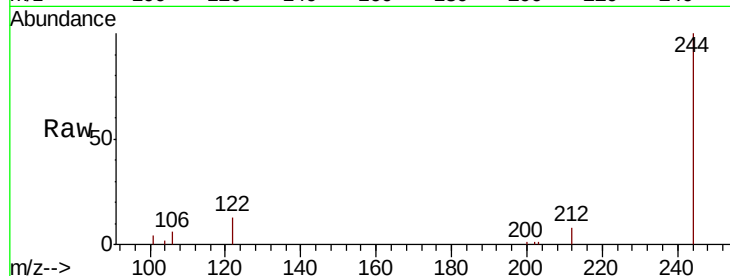
Tot Ion:244 Resp: 42389

Ion Ratio Lower Upper

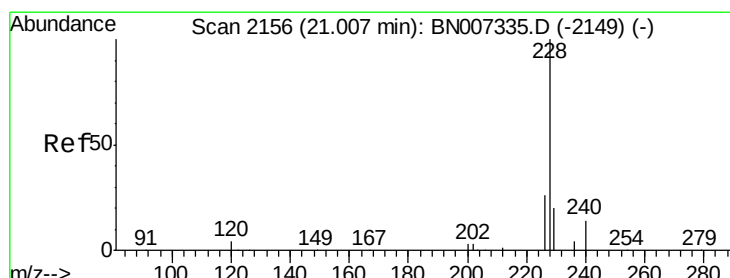
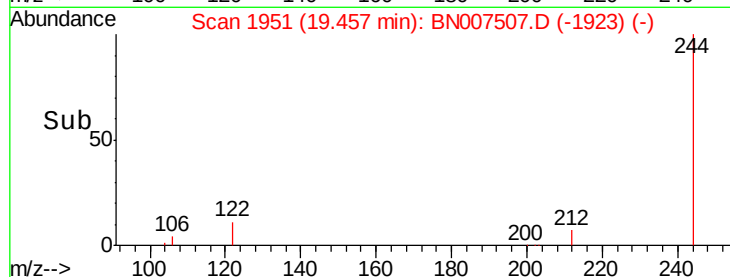
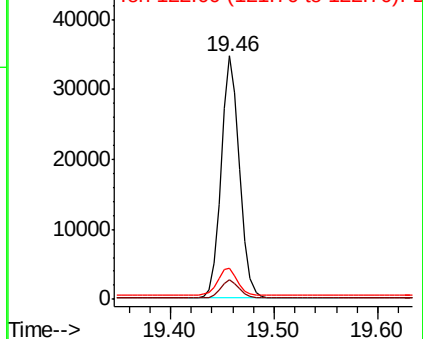
244 100

212 8.0 7.0 10.6

122 12.8 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: 0.314 ng

RT: 21.00 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

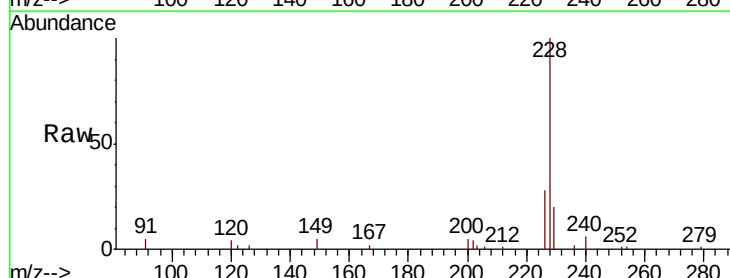
Tgt Ion:228 Resp: 60050

Ion Ratio Lower Upper

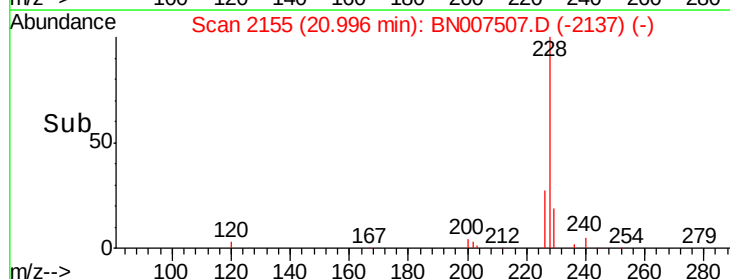
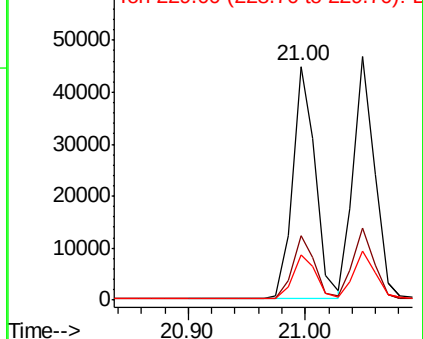
228 100

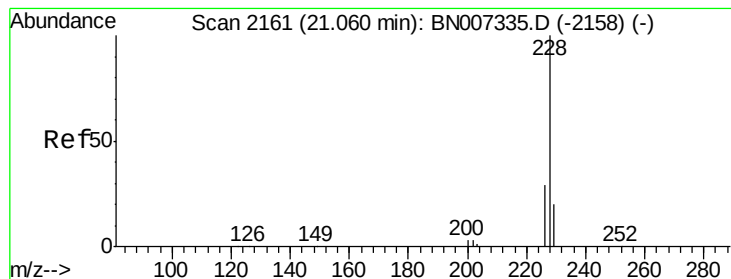
226 27.6 21.3 31.9

229 19.6 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: 0.316 ng

RT: 21.05 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

Instrument :

BNA_N

ClientSampleId :

PB122591BS

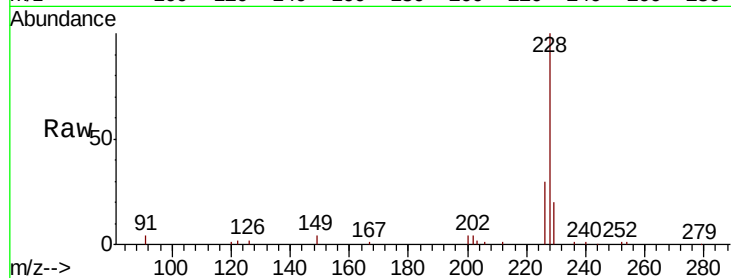
Tot Ion:228 Resp: 58433

Ion Ratio Lower Upper

228 100

226 29.5 23.5 35.3

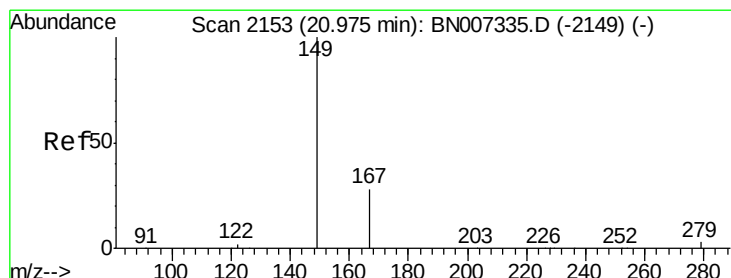
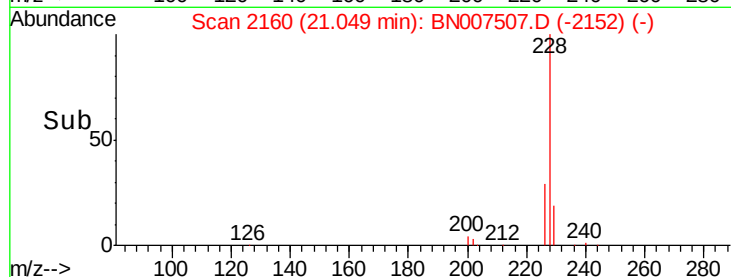
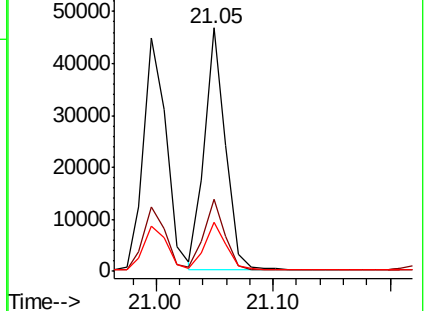
229 20.0 16.6 24.8



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: 1.148 ng

RT: 20.96 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

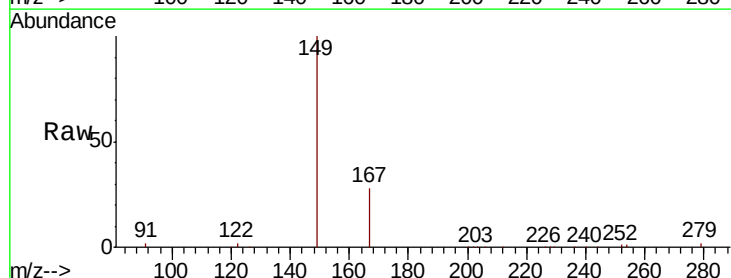
Tgt Ion:149 Resp: 144590

Ion Ratio Lower Upper

149 100

167 27.8 22.8 34.2

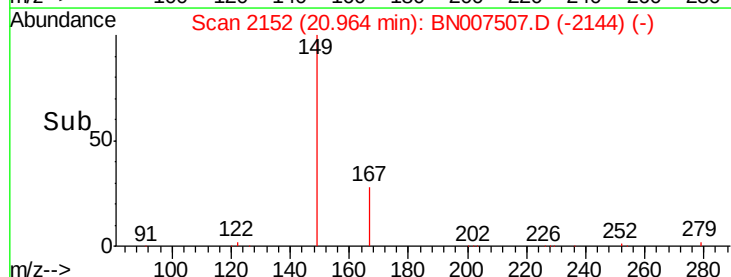
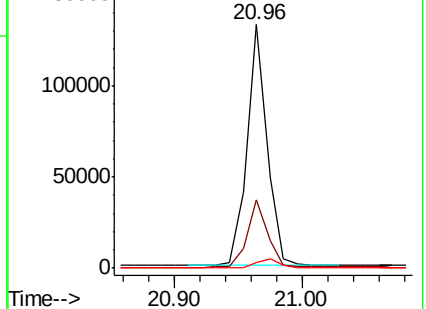
279 4.3 3.5 5.3

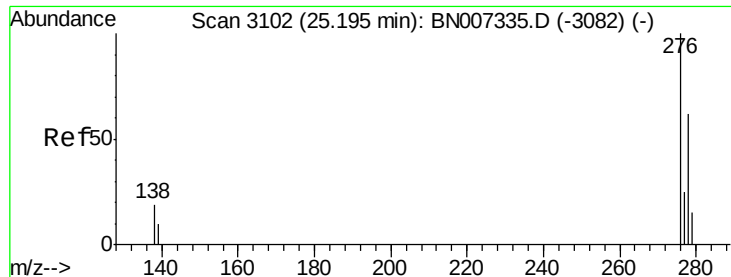


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

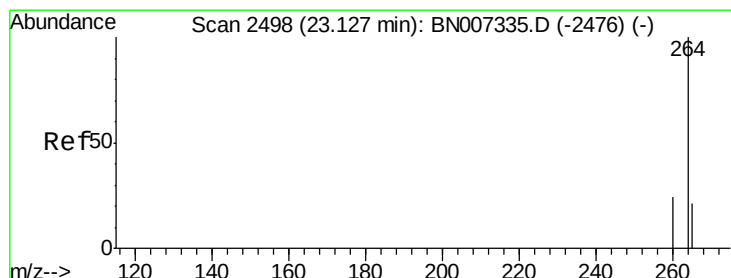
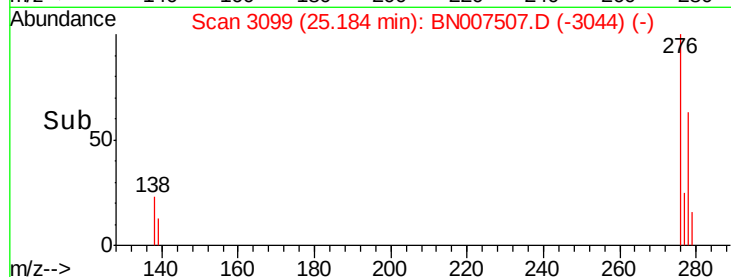
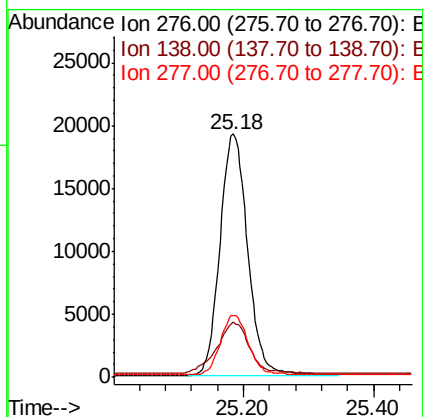
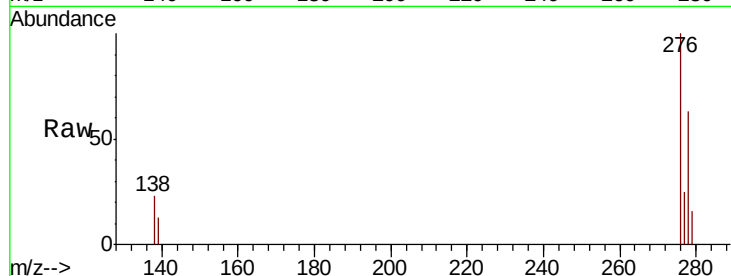




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.255 ng
 RT: 25.18 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BN007507.D
 Acq: 29 Aug 2019 18:06

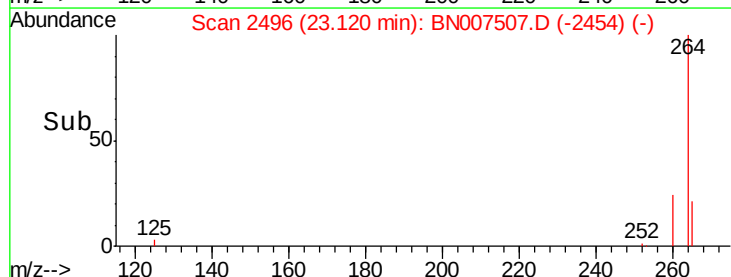
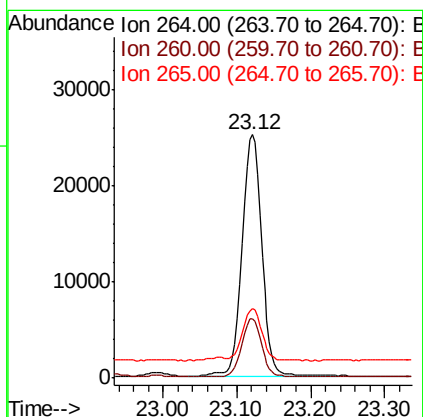
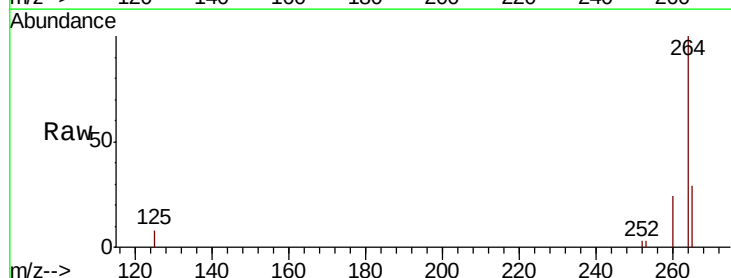
Instrument :
 BNA_N
 ClientSampleId :
 PB122591BS

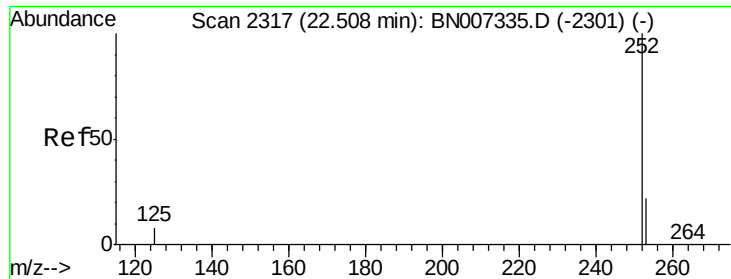
Tot Ion:276 Resp: 56738
 Ion Ratio Lower Upper
 276 100
 138 24.7 15.1 22.7#
 277 24.6 19.7 29.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.12 min Scan# 2496
 Delta R.T. -0.01 min
 Lab File: BN007507.D
 Acq: 29 Aug 2019 18:06

Tgt Ion:264 Resp: 47008
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.7 29.5
 265 28.6 29.9 44.9#

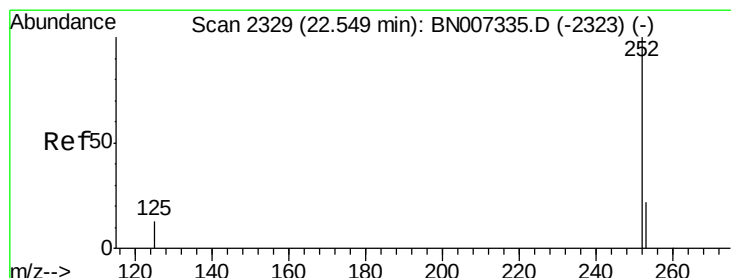
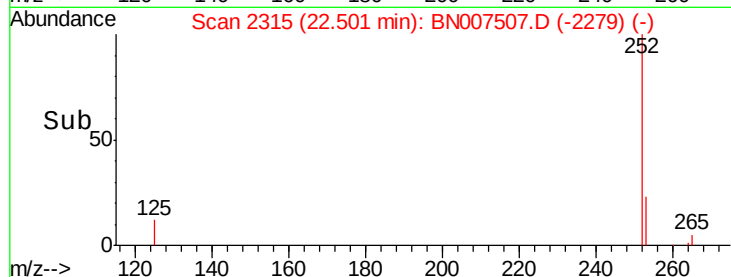
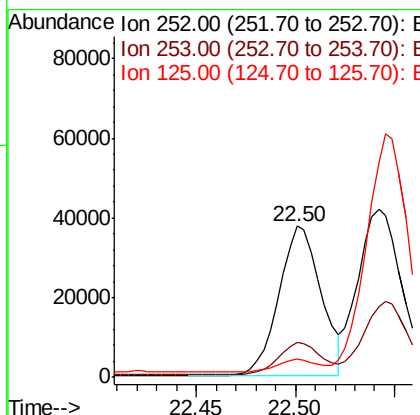
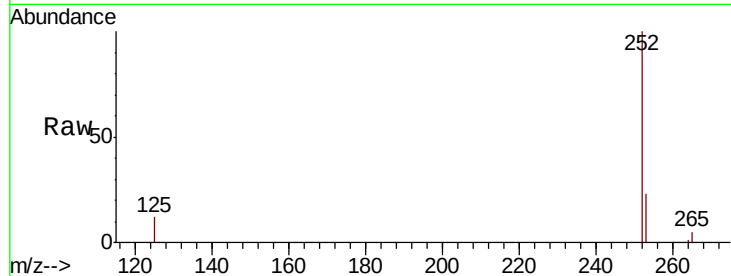




#35
Benzo(b)fluoranthene
Concen: 0.326 ng
RT: 22.50 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BN007507.D
Acq: 29 Aug 2019 18:06

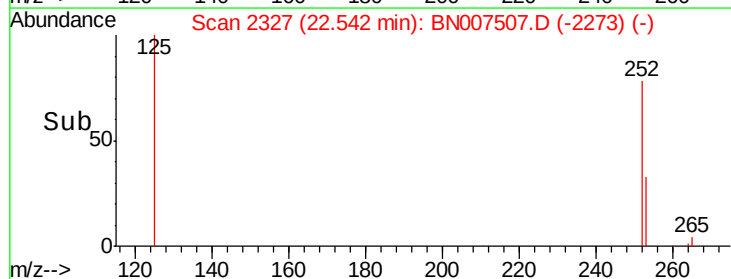
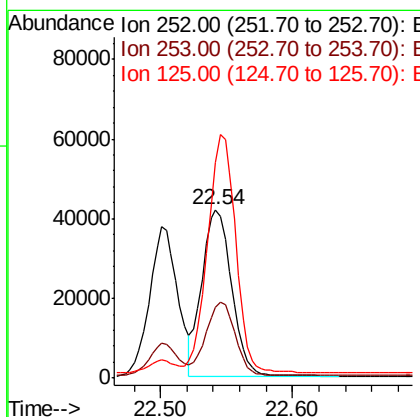
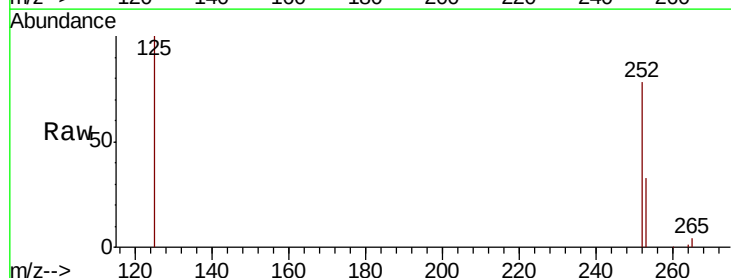
Instrument :
BNA_N
ClientSampleId :
PB122591BS

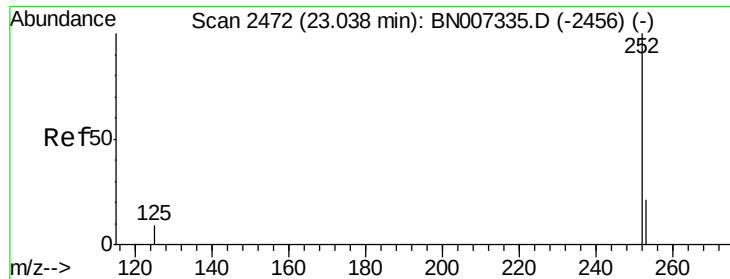
Tot Ion:252 Resp: 55575
Ion Ratio Lower Upper
252 100
253 23.1 19.2 28.8
125 11.9 10.6 16.0



#36
Benzo(k)fluoranthene
Concen: 0.385 ng
RT: 22.54 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BN007507.D
Acq: 29 Aug 2019 18:06

Tgt Ion:252 Resp: 64888
Ion Ratio Lower Upper
252 100
253 41.7 19.4 29.2#
125 127.7 13.1 19.7#





#37

Benzo(a)pyrene

Concen: 0.323 ng

RT: 23.03 min Scan# 2469

Delta R.T. -0.01 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

Instrument :

BNA_N

ClientSampleId :

PB122591BS

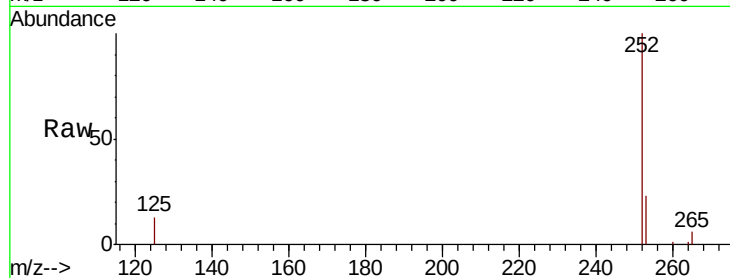
Tot Ion:252 Resp: 52274

Ion Ratio Lower Upper

252 100

253 23.5 19.5 29.3

125 13.4 12.1 18.1

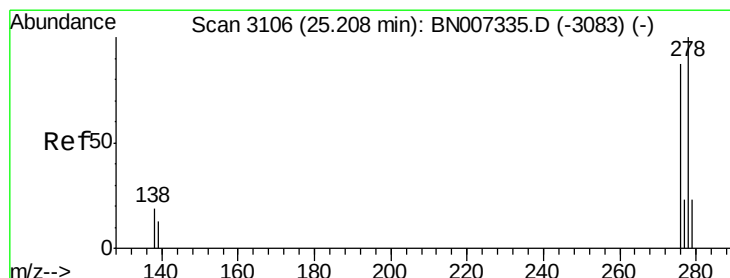
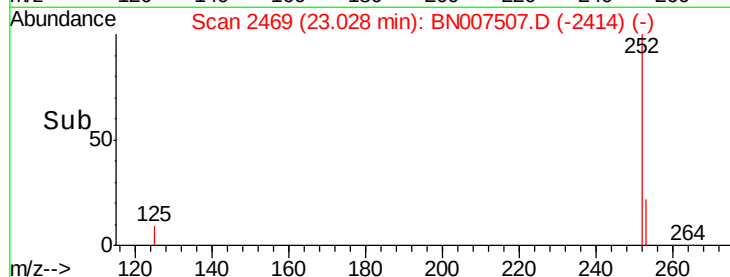
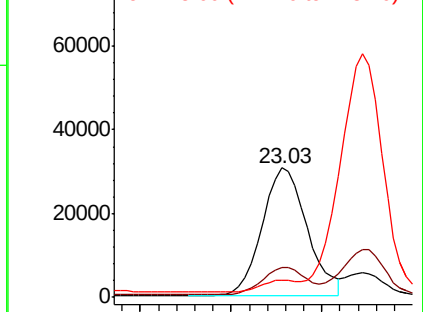


Abundance

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: 0.288 ng

RT: 25.20 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

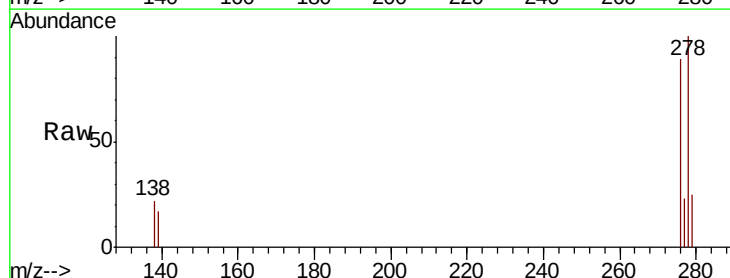
Tgt Ion:278 Resp: 46577

Ion Ratio Lower Upper

278 100

139 16.6 13.7 20.5

279 25.1 20.2 30.4

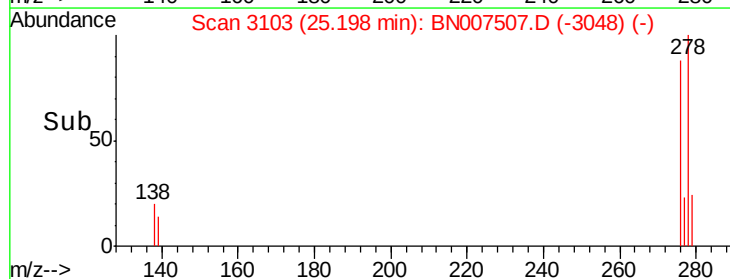
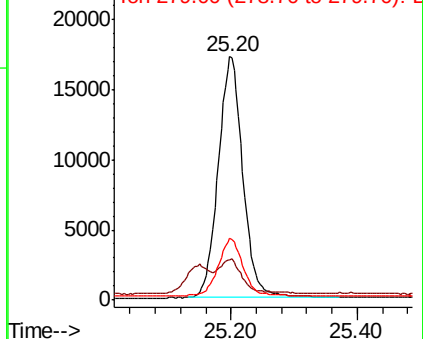


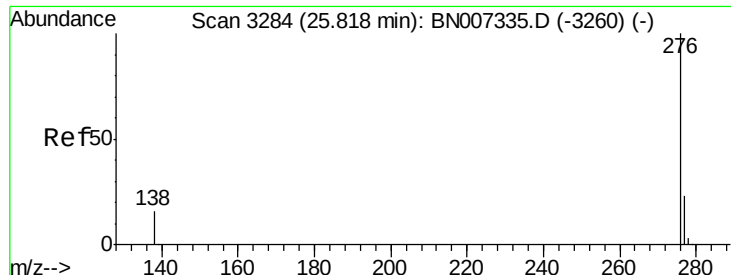
Abundance

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(a,h,i)perylene

Concen: 0.291 ng

RT: 25.81 min Scan# 3281

Delta R.T. -0.01 min

Lab File: BN007507.D

Acq: 29 Aug 2019 18:06

Instrument :

BNA_N

ClientSampleId :

PB122591BS

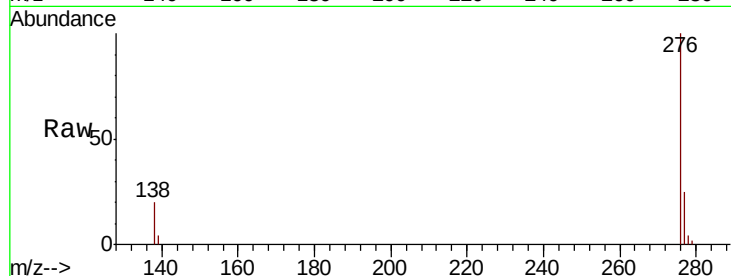
Tot Ion:276 Resp: 46839

Ion Ratio Lower Upper

276 100

277 24.6 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

