

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090819\
 Data File : BN007561.D
 Acq On : 08 Sep 2019 21:37
 Operator : HP/JU
 Sample : PB122882BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 09 04:47:16 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	7.39	152	5749	0.40	ng	-0.02
7) Naphthalene-d8	10.14	136	23336	0.40	ng	-0.03
13) Acenaphthene-d10	14.04	164	12002	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	27112	0.40	ng	0.00
27) Chrysene-d12	21.00	240	25919	0.40	ng	-0.01
34) Perylene-d12	23.11	264	29346	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	6427	0.32	ng	-0.02
5) Phenol-d6	6.58	99	7701	0.30	ng	0.00
8) Nitrobenzene-d5	8.53	82	6908	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	13995	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.54	330	1599	0.25	ng	-0.02
15) 2-Fluorobiphenyl	12.65	172	18909	0.39	ng	0.00
25) Fluoranthene-d10	18.84	212	30008	0.34	ng	-0.01
29) Terphenyl-d14	19.46	244	23948	0.35	ng	-0.01

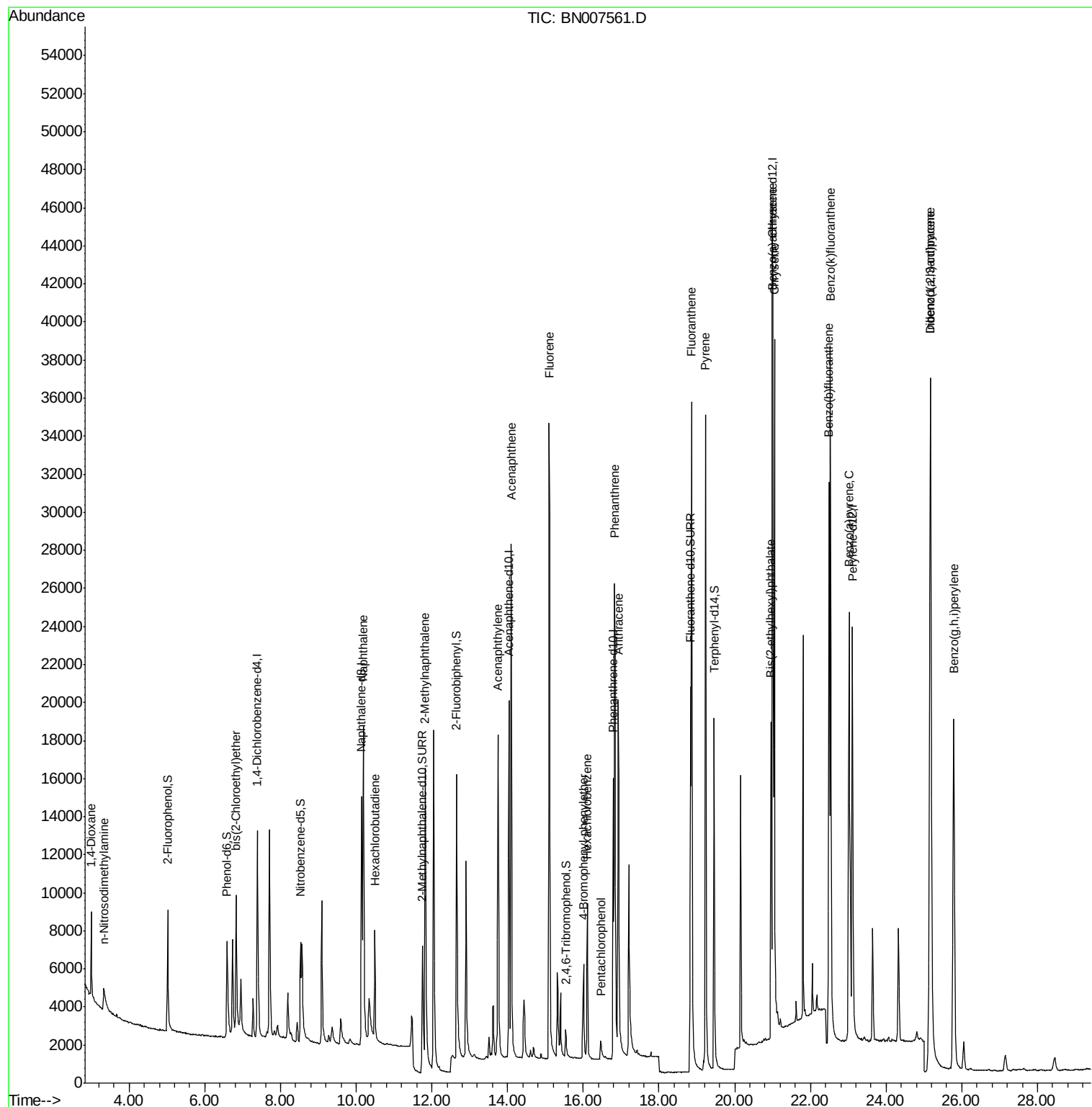
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.00	88	4039	0.423	ng	# 84
3) n-Nitrosodimethylamine	3.34	42	1048	0.236	ng	# 74
6) bis(2-Chloroethyl)ether	6.83	93	7362	0.355	ng	97
9) Naphthalene	10.19	128	26042	0.391	ng	# 89
10) Hexachlorobutadiene	10.49	225	4734	0.347	ng	# 99
12) 2-Methylnaphthalene	11.82	142	16704	0.368	ng	95
16) Acenaphthylene	13.75	152	23850	0.336	ng	100
17) Acenaphthene	14.10	154	16061	0.387	ng	99
18) Fluorene	15.09	166	19648	0.374	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	2432	0.227	ng	95
21) Hexachlorobenzene	16.10	284	7025	0.387	ng	98
22) Pentachlorophenol	16.46	266	1098	0.194	ng	# 65
23) Phenanthrene	16.83	178	31065	0.381	ng	99
24) Anthracene	16.92	178	26961	0.329	ng	99
26) Fluoranthene	18.86	202	36832	0.352	ng	# 97
28) Pyrene	19.23	202	38135	0.366	ng	99
30) Benzo(a)anthracene	20.99	228	33687	0.331	ng	99
31) Chrysene	21.05	228	39019	0.397	ng	99
32) Bis(2-ethylhexyl)phthalate	20.95	149	16424	0.230	ng	98
33) Indeno(1,2,3-cd)pyrene	25.17	276	48332	0.408	ng	# 94
35) Benzo(b)fluoranthene	22.49	252	37383	0.352	ng	97
36) Benzo(k)fluoranthene	22.53	252	46293	0.441	ng	# 91
37) Benzo(a)pyrene	23.02	252	37213	0.368	ng	97
38) Dibenzo(a,h)anthracene	25.18	278	38617	0.383	ng	99
39) Benzo(g,h,i)perylene	25.79	276	39061	0.388	ng	99

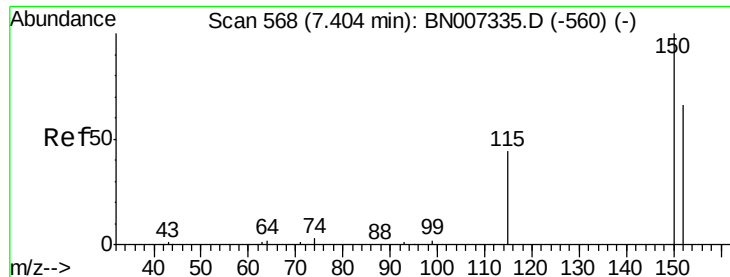
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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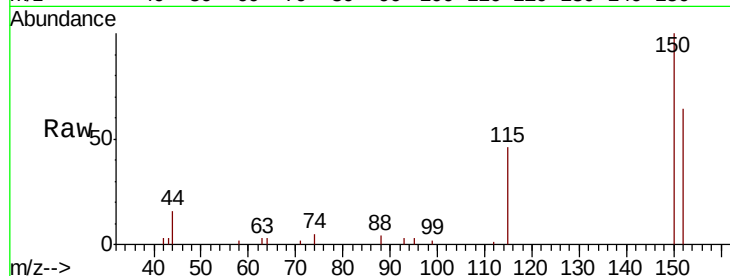


#1

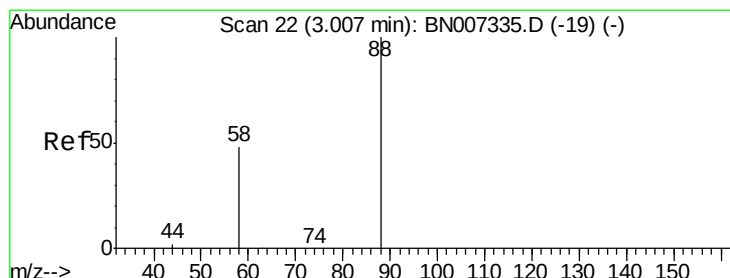
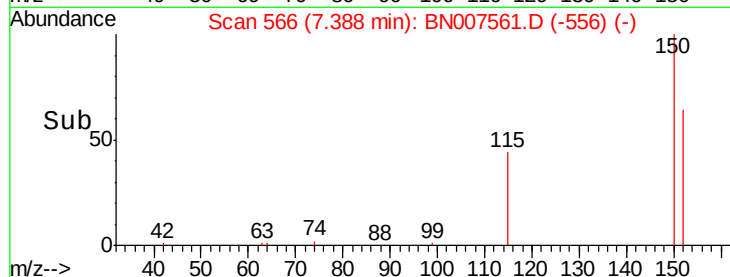
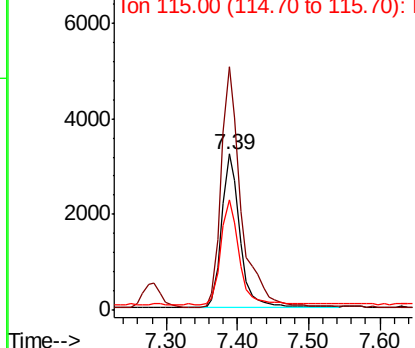
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5749
Ion Ratio Lower Upper
152 100
150 155.6 109.1 163.7
115 70.9 59.6 89.4



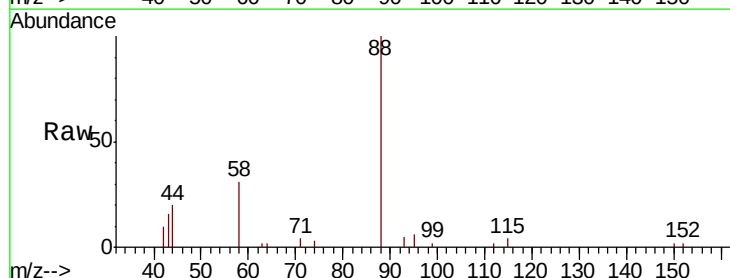
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



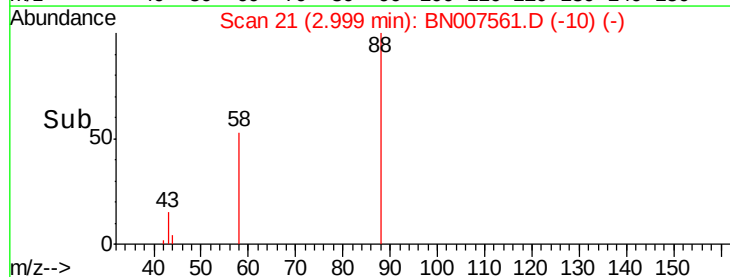
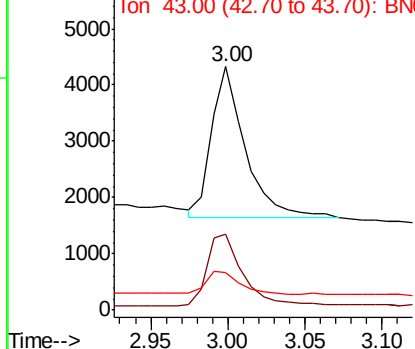
#2

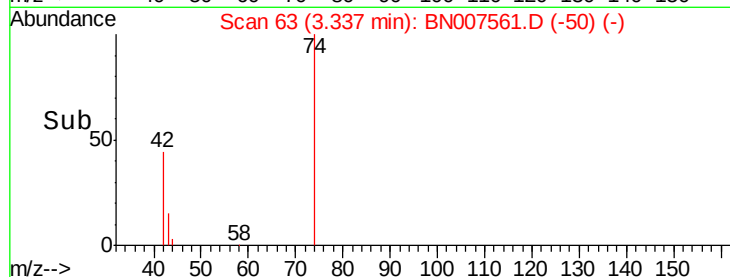
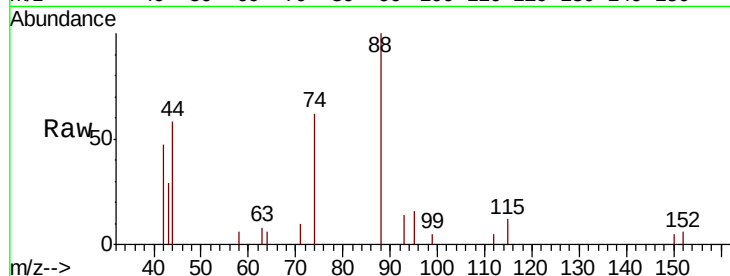
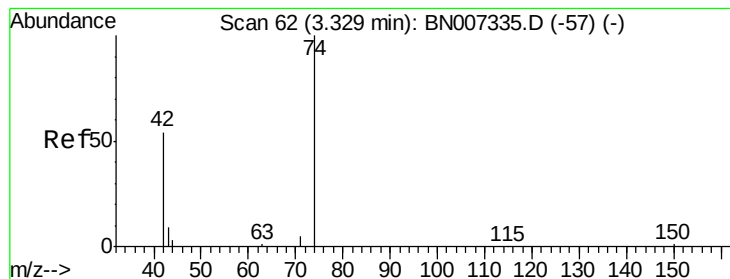
1,4-Dioxane
Concen: 0.423 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Tgt Ion: 88 Resp: 4039
Ion Ratio Lower Upper
88 100
58 50.6 50.5 75.7
43 15.4 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: 0.236 ng

RT: 3.34 min Scan# 63

Delta R.T. 0.01 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

Instrument :

BNA_N

ClientSampleId :

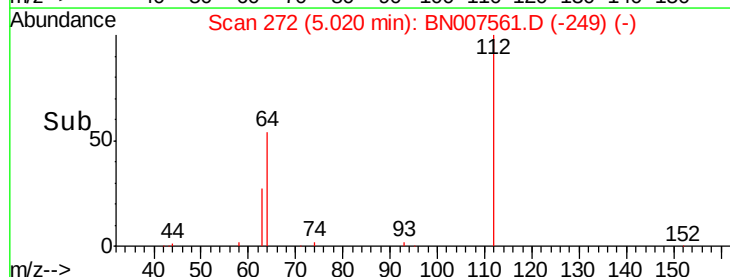
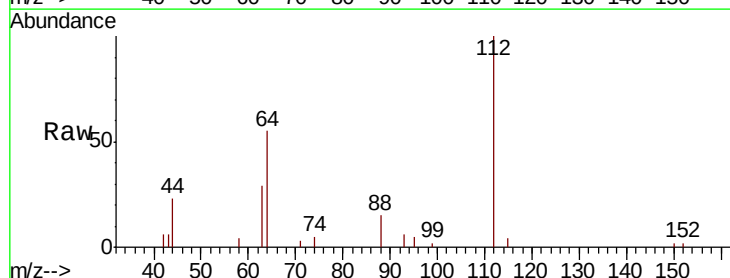
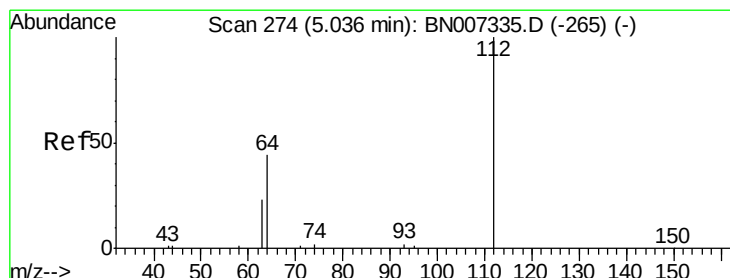
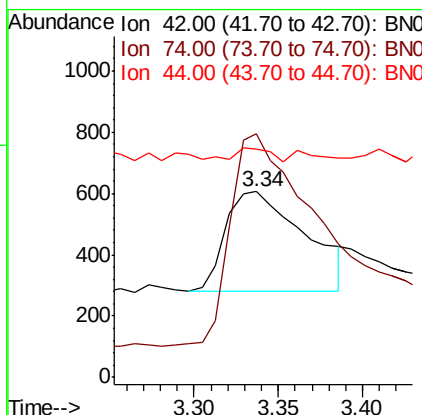
Tot Ion: 42 Resp: 1048

Ion Ratio Lower Upper

42 100

74 218.0 144.7 217.1#

44 6.4 3.2 4.8#



#4

2-Fluorophenol

Concen: 0.316 ng

RT: 5.02 min Scan# 272

Delta R.T. -0.02 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

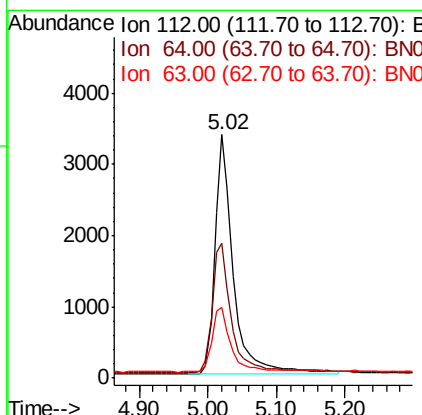
Tgt Ion: 112 Resp: 6427

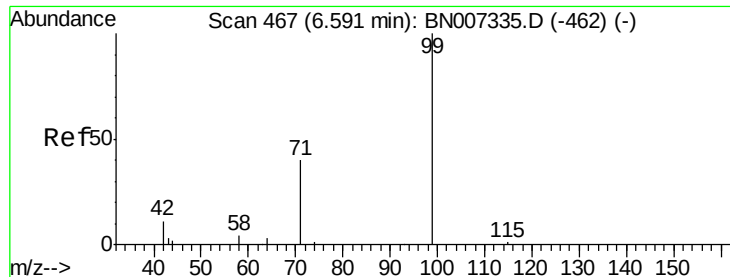
Ion Ratio Lower Upper

112 100

64 57.3 42.3 63.5

63 28.6 23.6 35.4





#5

Phenol-d6

Concen: 0.296 ng

RT: 6.58 min Scan# 466

Delta R.T. -0.01 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

Instrument :

BNA_N

ClientSampleId :

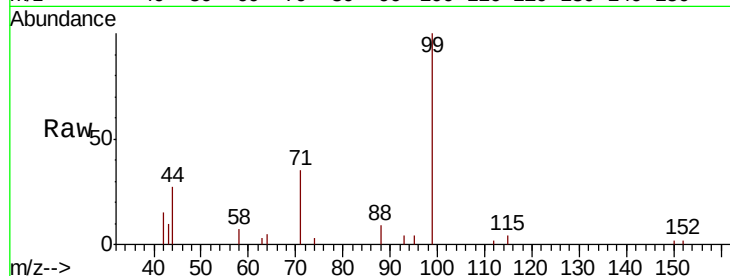
Tot Ion: 99 Resp: 7701

Ion Ratio Lower Upper

99 100

42 11.5 11.2 16.8

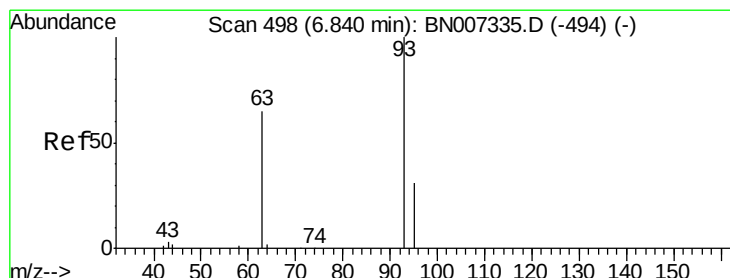
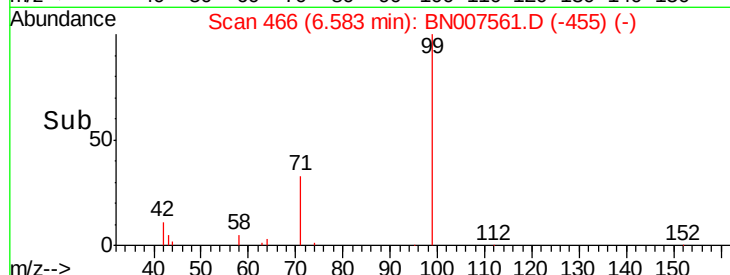
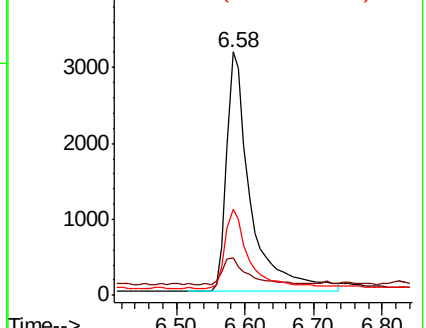
71 32.2 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007561.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN007561.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN007561.D (-466) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.355 ng

RT: 6.83 min Scan# 497

Delta R.T. -0.01 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

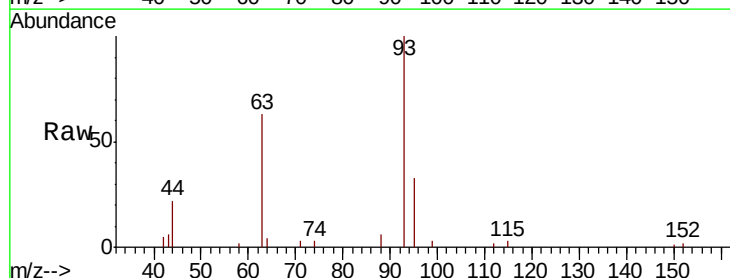
Tgt Ion: 93 Resp: 7362

Ion Ratio Lower Upper

93 100

63 68.7 51.9 77.9

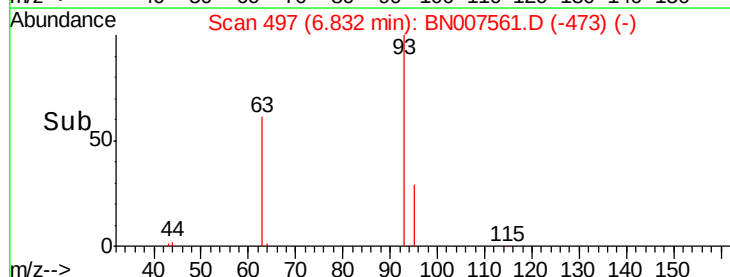
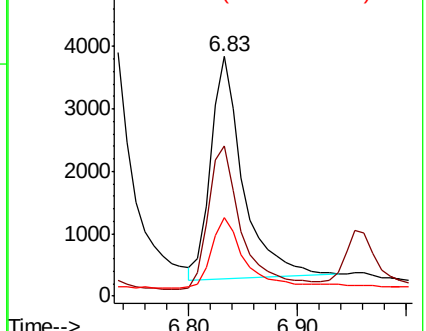
95 35.0 27.7 41.5

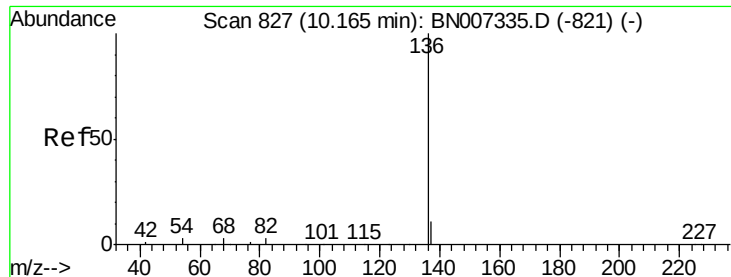


Abundance Ion 93.00 (92.70 to 93.70): BN007561.D (-497) (-)

Ion 63.00 (62.70 to 63.70): BN007561.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN007561.D (-497) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 825

Delta R.T. -0.03 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 23336

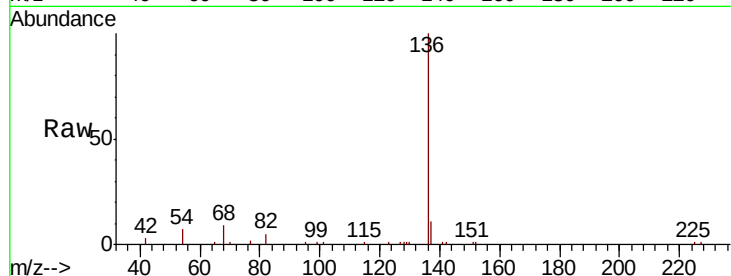
Ion Ratio Lower Upper

136 100

137 11.0 12.9 19.3#

54 6.7 8.6 12.8#

68 8.8 17.0 25.4#

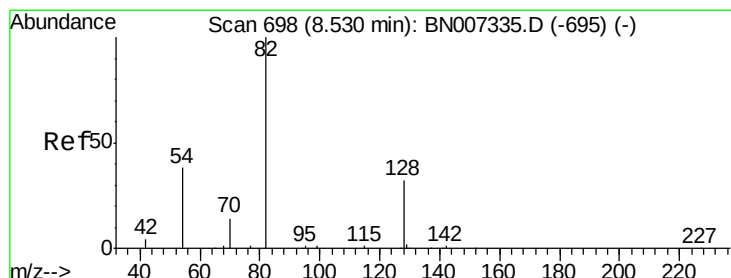
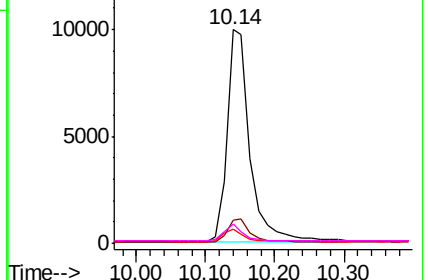
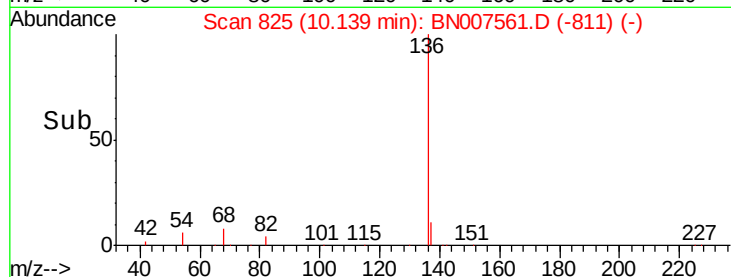


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.340 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

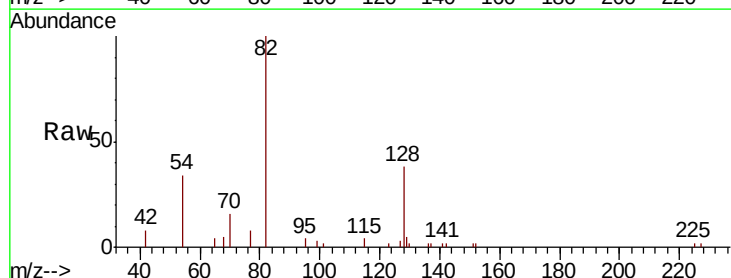
Tgt Ion: 82 Resp: 6908

Ion Ratio Lower Upper

82 100

128 38.0 19.7 29.5#

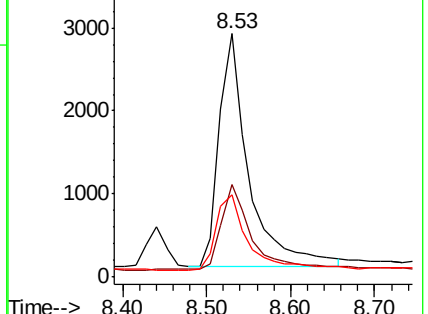
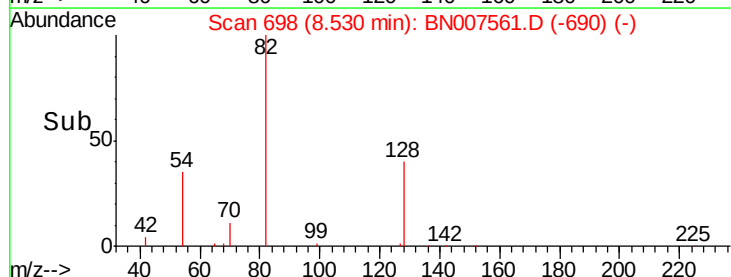
54 33.9 25.8 38.6

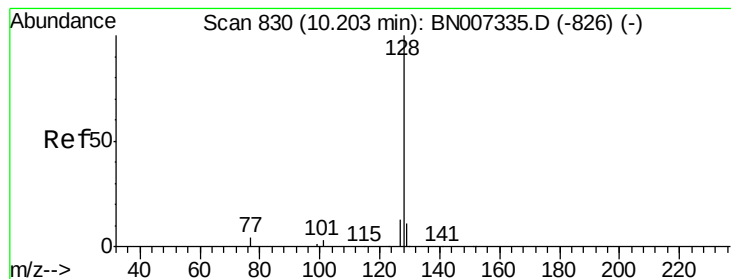


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.391 ng

RT: 10.19 min Scan# 829

Delta R.T. -0.01 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

Instrument :

BNA_N

ClientSampleId :

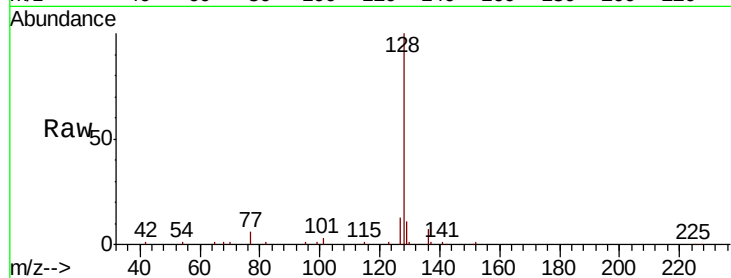
Tot Ion:128 Resp: 26042

Ion Ratio Lower Upper

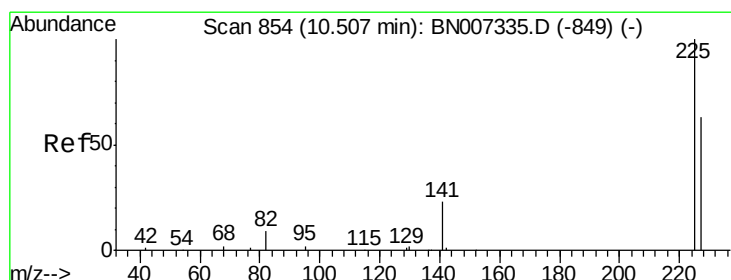
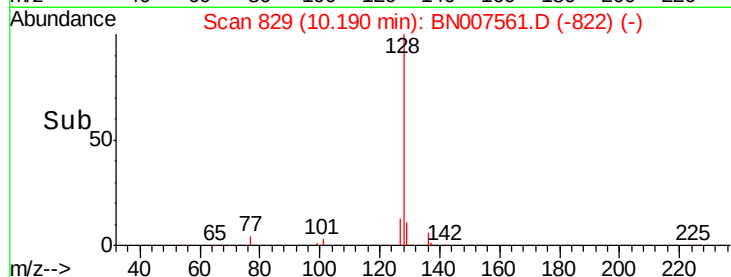
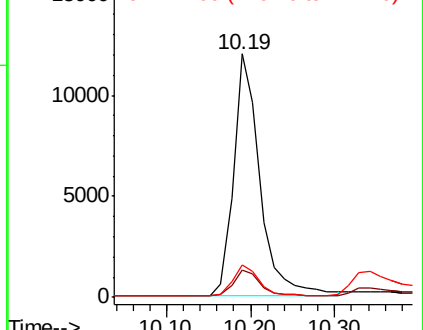
128 100

129 11.2 11.1 16.7

127 13.3 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: 0.347 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.01 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

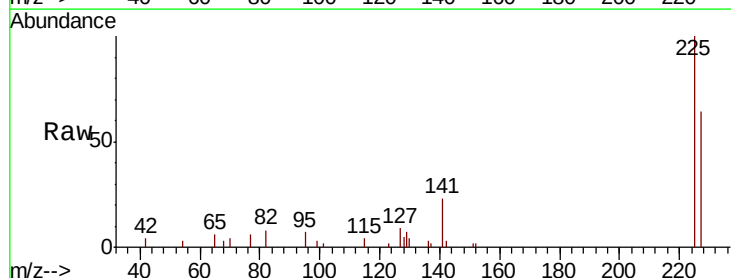
Tgt Ion:225 Resp: 4734

Ion Ratio Lower Upper

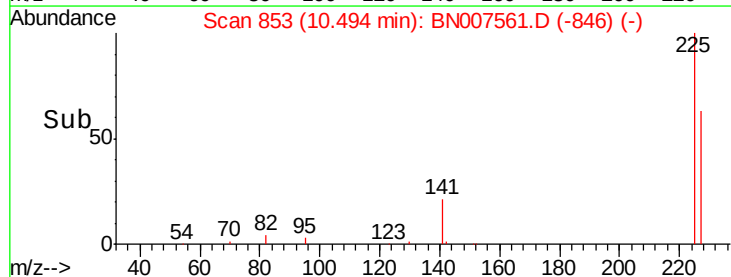
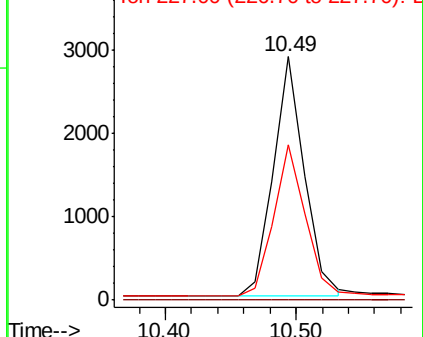
225 100

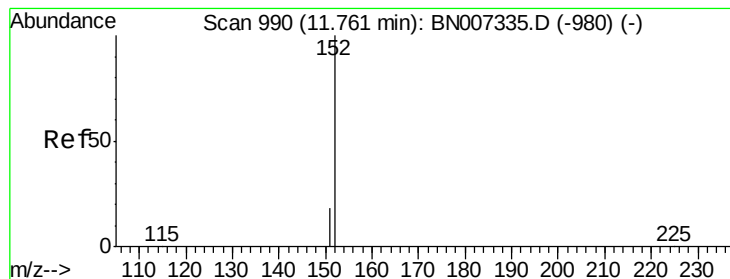
223 0.0 0.0 0.0

227 64.3 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: 0.361 ng

RT: 11.75 min Scan# 987

Delta R.T. -0.01 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

Instrument :

BNA_N

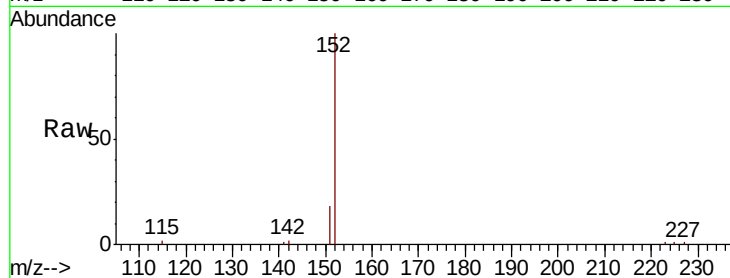
ClientSampleId :

Tot Ion:152 Resp: 13995

Ion Ratio Lower Upper

152 100

151 19.2 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

6000

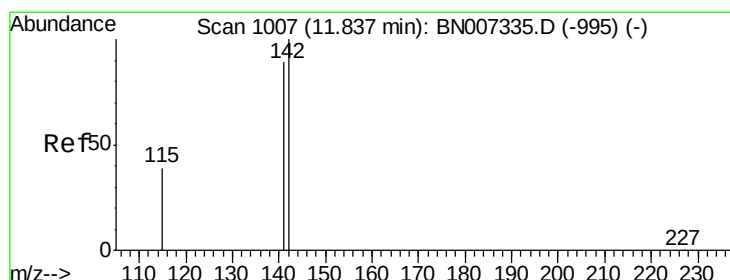
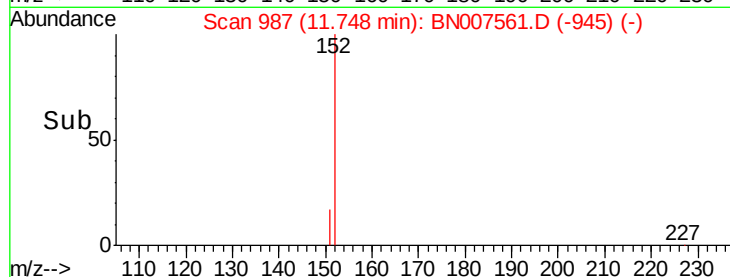
4000

2000

0

11.75

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.368 ng

RT: 11.82 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

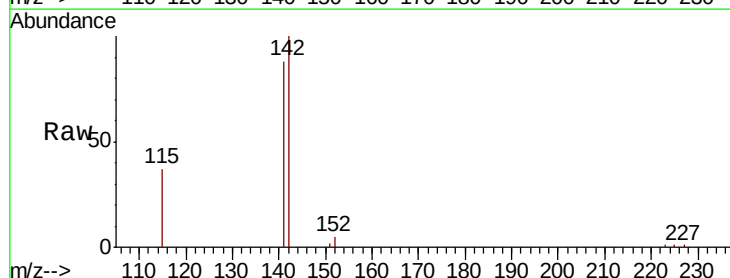
Tgt Ion:142 Resp: 16704

Ion Ratio Lower Upper

142 100

141 88.4 72.8 109.2

115 37.3 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

10000

8000

6000

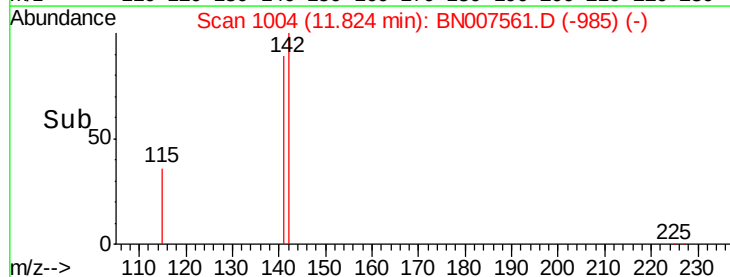
4000

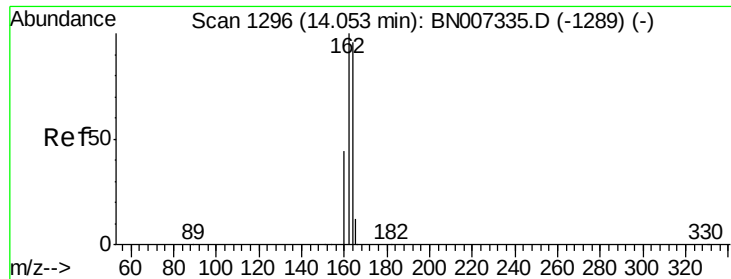
2000

0

11.82

Time--> 11.70 11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.04 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

Instrument :

BNA_N

ClientSampleId :

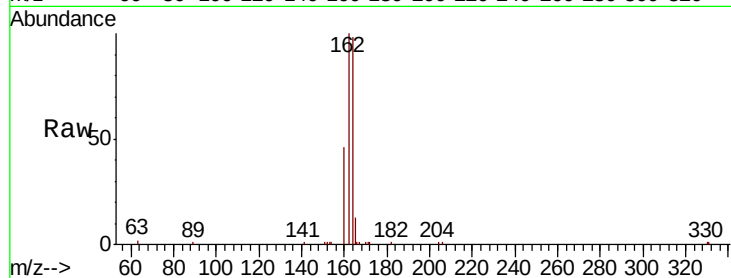
Tot Ion:164 Resp: 12002

Ion Ratio Lower Upper

164 100

162 101.8 83.5 125.3

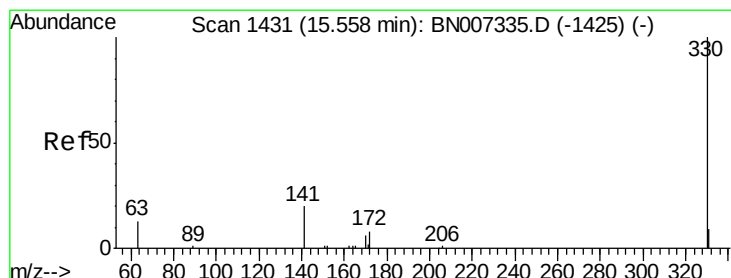
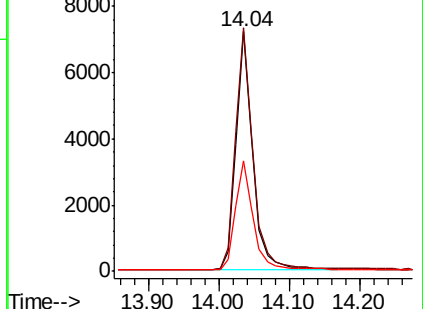
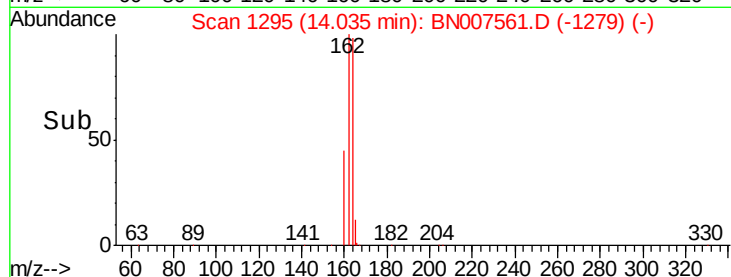
160 46.4 38.2 57.4



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: 0.255 ng

RT: 15.54 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

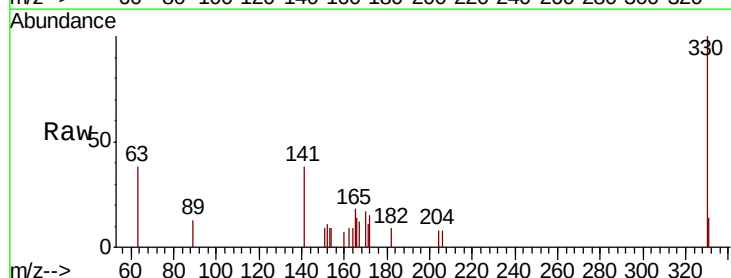
Tgt Ion:330 Resp: 1599

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

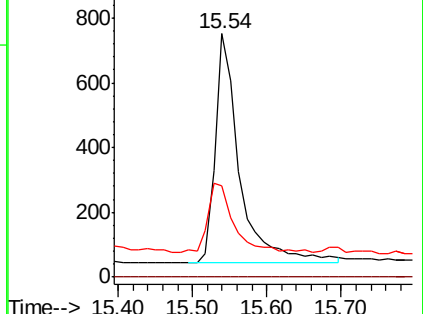
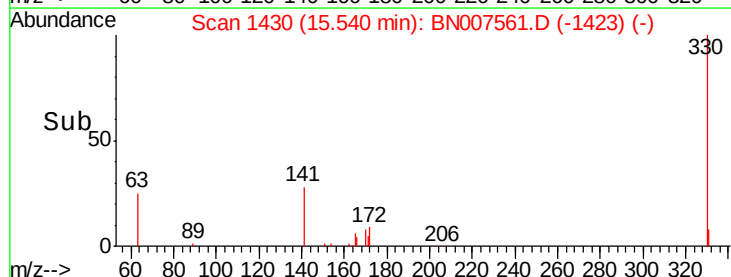
141 32.2 26.9 40.3

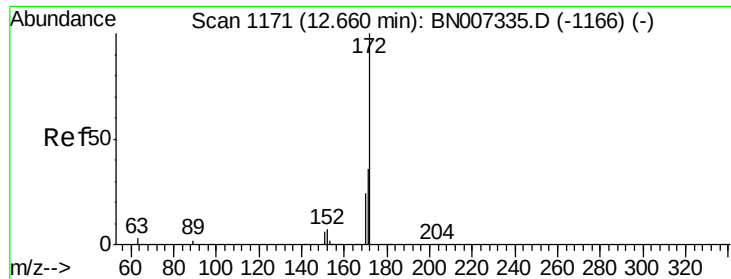


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

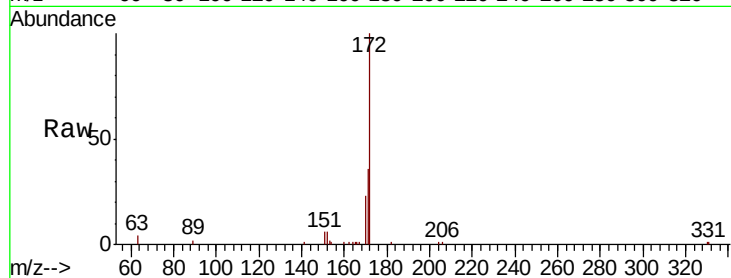




#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.3	45.5
170	23.5	20.7	31.1

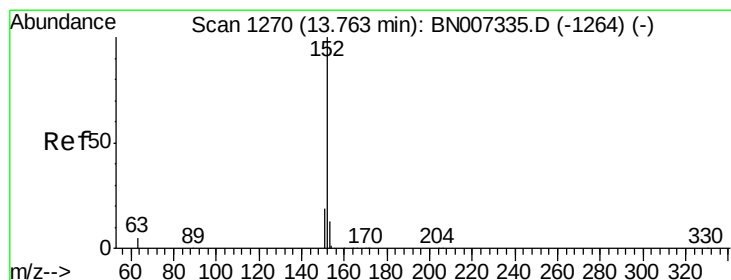
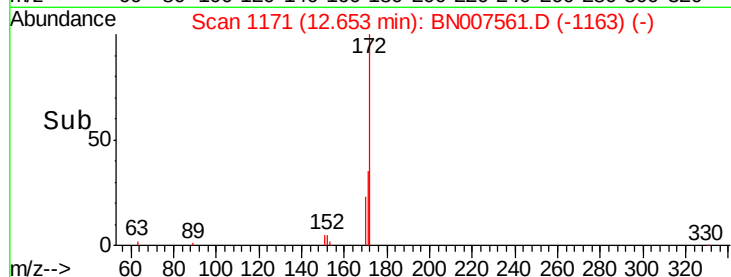
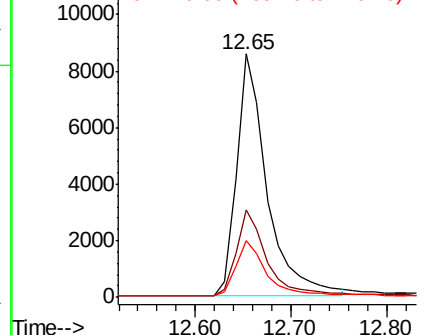


Abundance

Ion 172.00 (171.70 to 172.70): E

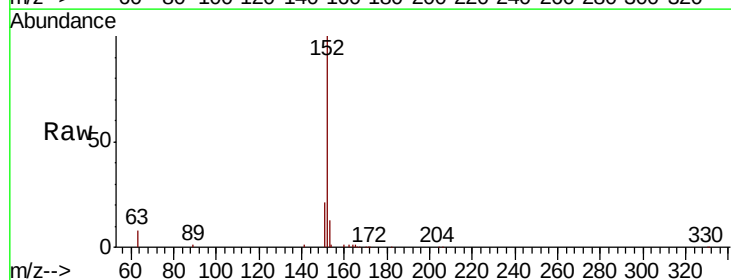
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.336 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	13.0	10.6	15.8

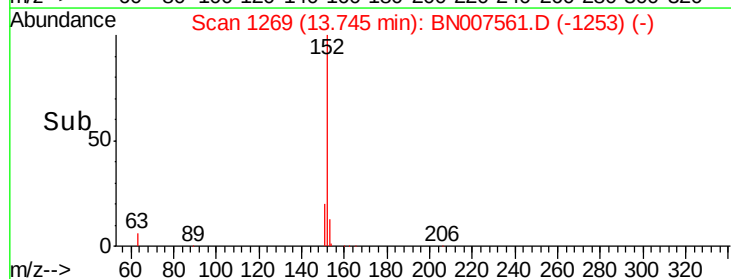
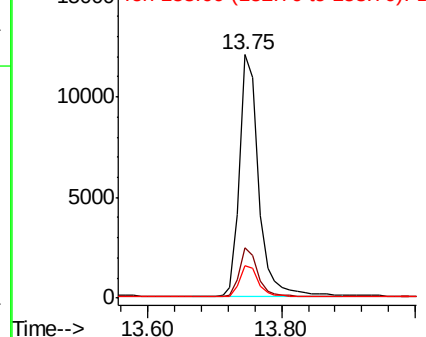


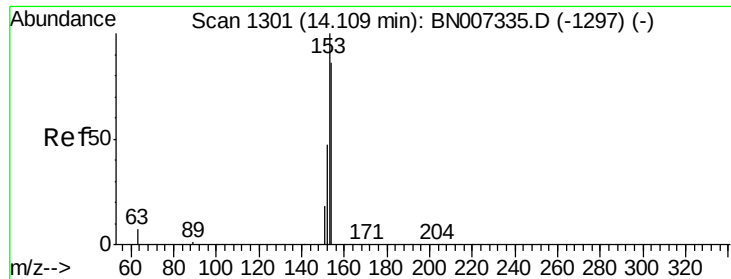
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.387 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

Instrument :

BNA_N

ClientSampleId :

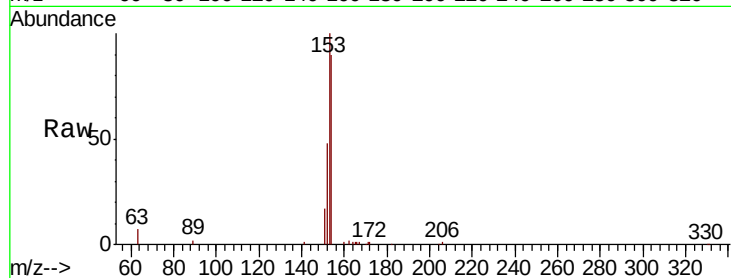
Tot Ion:154 Resp: 16061

Ion Ratio Lower Upper

154 100

153 113.7 92.8 139.2

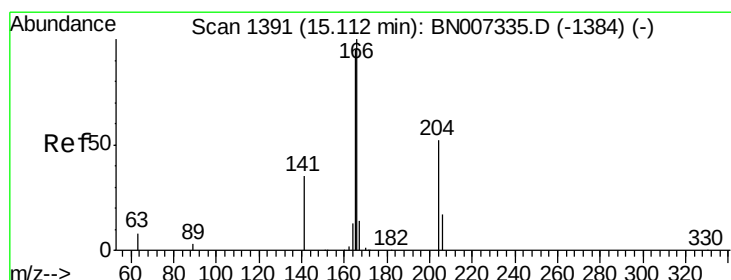
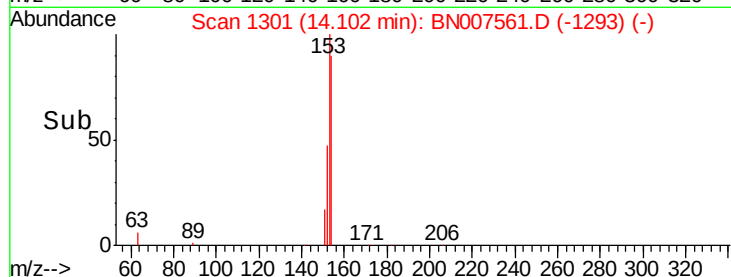
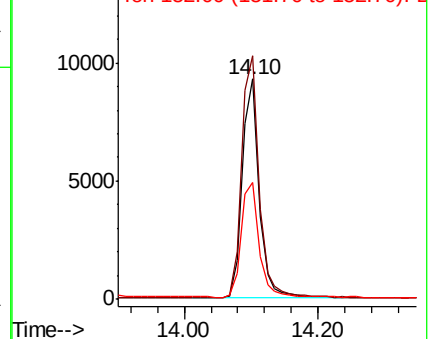
152 54.7 43.8 65.8



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: 0.374 ng

RT: 15.09 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

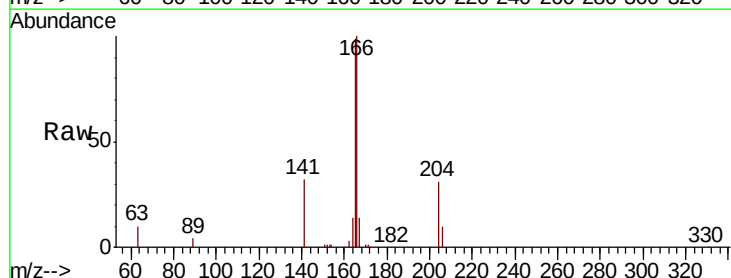
Tgt Ion:166 Resp: 19648

Ion Ratio Lower Upper

166 100

165 98.1 79.0 118.4

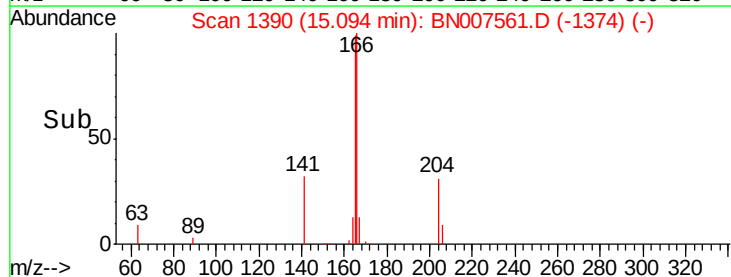
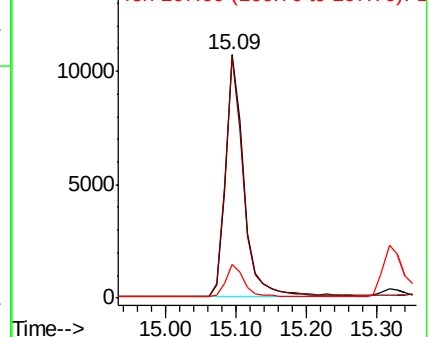
167 13.4 10.6 15.8

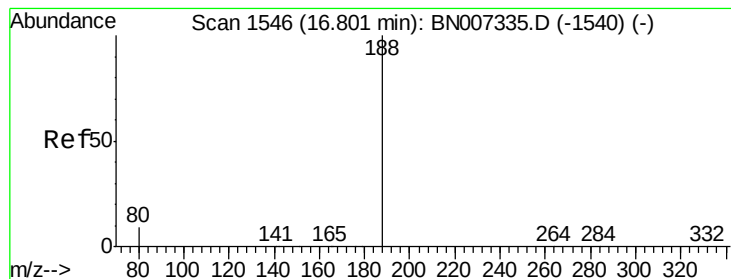


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN007561.D

Acq: 08 Sep 2019 21:37

Instrument :

BNA_N

ClientSampleId :

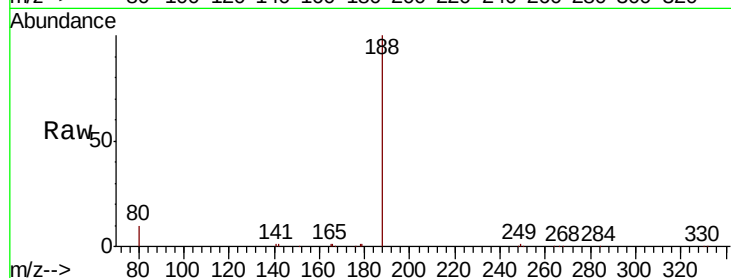
Tot Ion:188 Resp: 27112

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

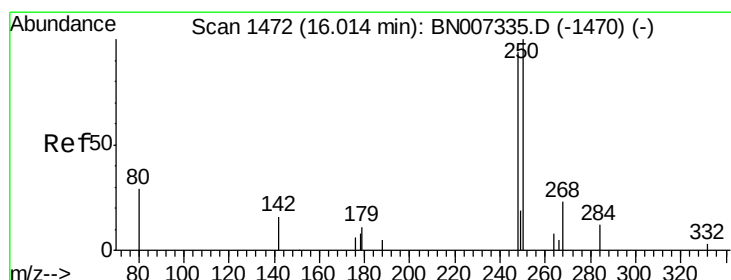
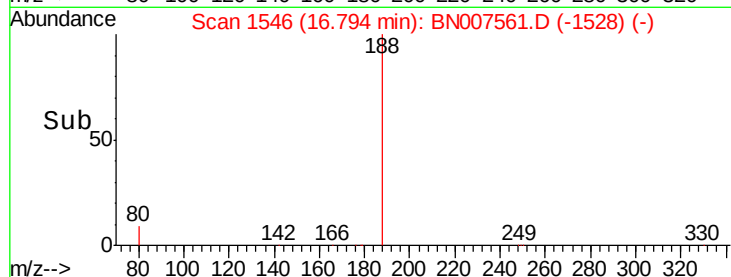
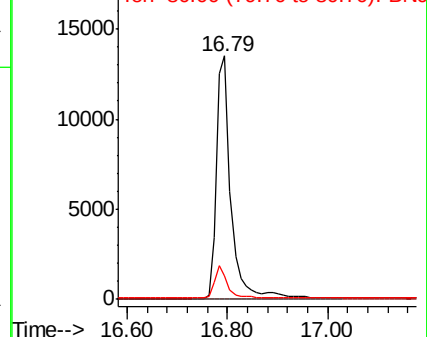
80 9.8 11.8 17.8#



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: 0.227 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

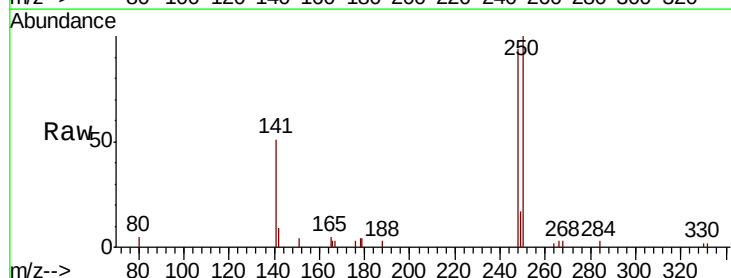
Tgt Ion:248 Resp: 2432

Ion Ratio Lower Upper

248 100

250 106.1 85.0 127.6

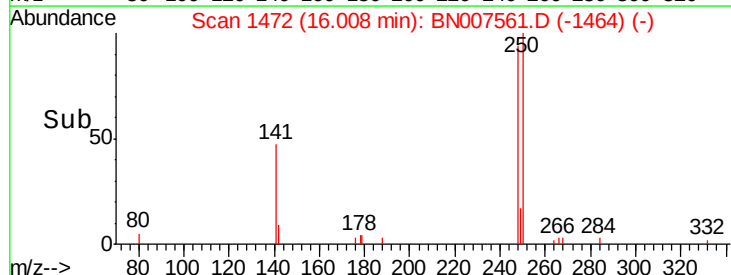
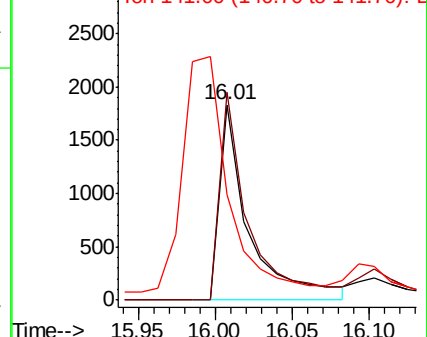
141 54.1 51.7 77.5

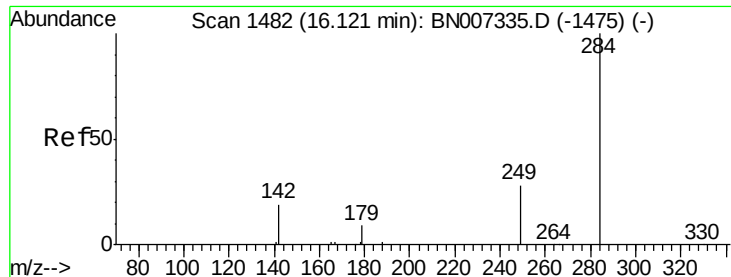


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

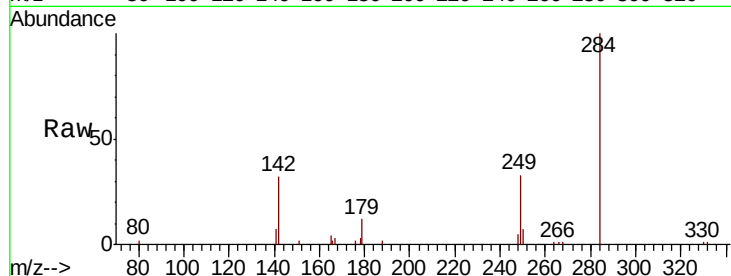




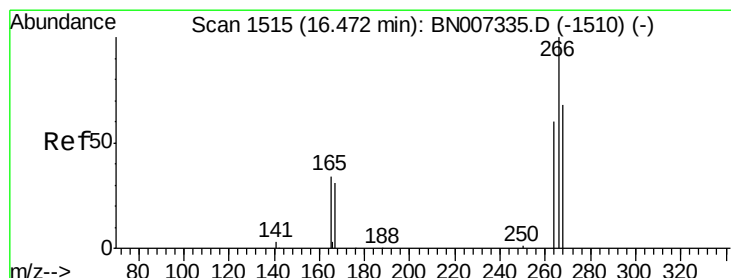
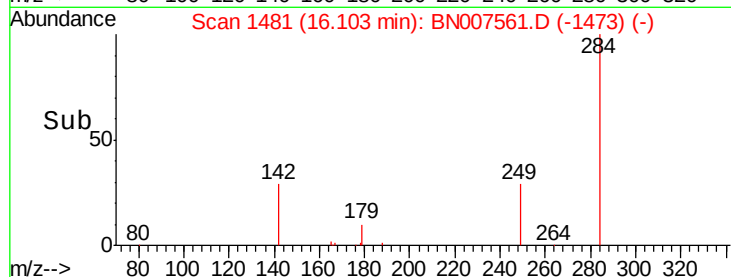
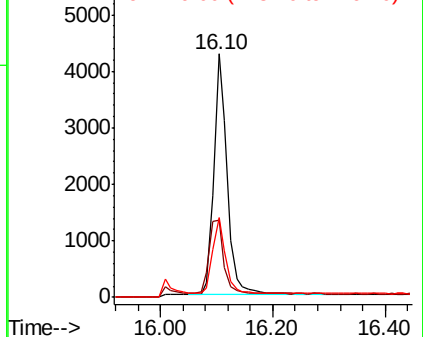
#21
Hexachlorobenzene
Concen: 0.387 ng
RT: 16.10 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Instrument :
BNA_N
ClientSampled :

Tot Ion:284 Resp: 7025
Ion Ratio Lower Upper
284 100
142 33.8 29.0 43.6
249 30.9 24.9 37.3

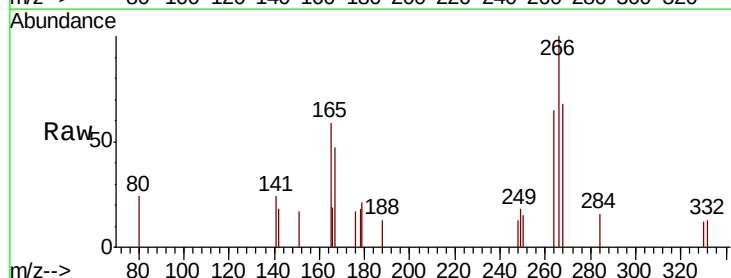


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

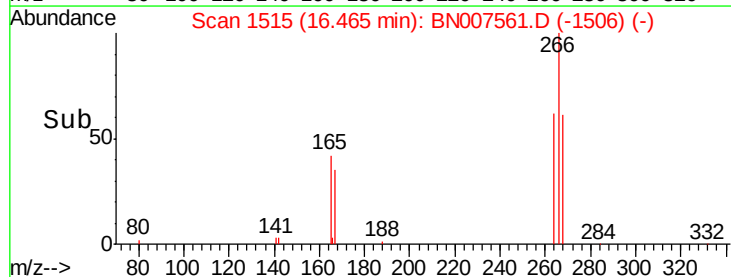
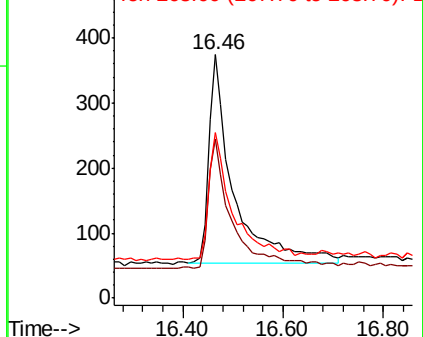


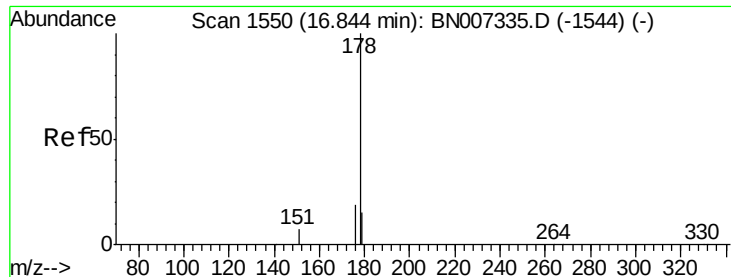
#22
Pentachlorophenol
Concen: 0.194 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Tgt Ion:266 Resp: 1098
Ion Ratio Lower Upper
266 100
264 65.2 57.8 86.8
268 68.2 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: 0.381 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

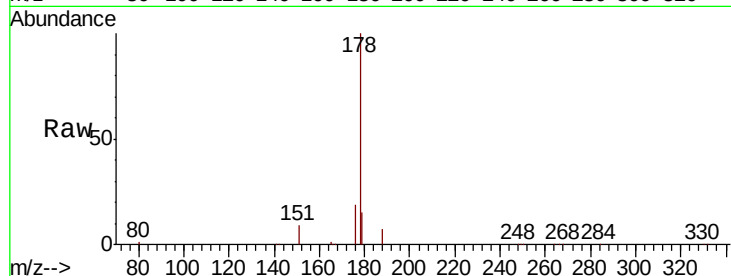
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 31065

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.4	12.6	19.0



Abundance

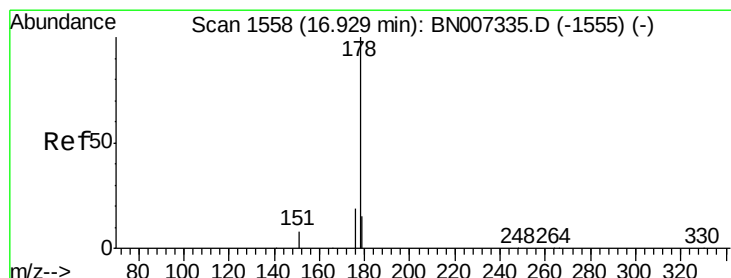
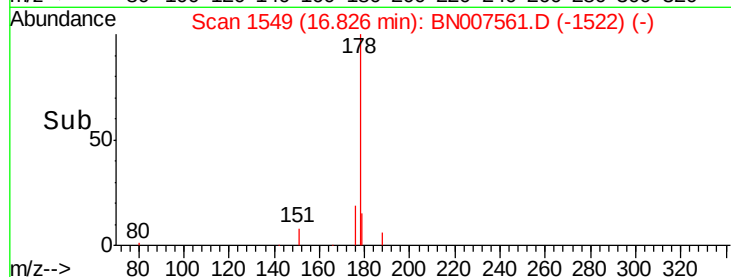
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

16.83

Time--> 16.70 16.80 16.90



#24

Anthracene

Concen: 0.329 ng

RT: 16.92 min Scan# 1558

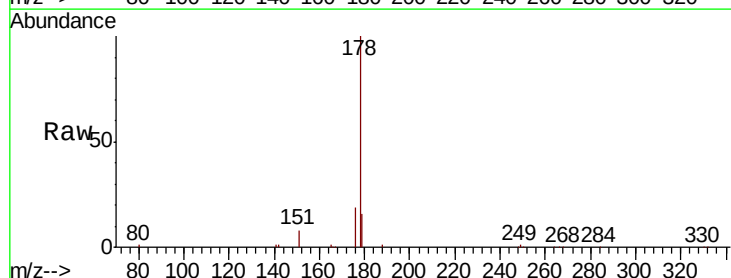
Delta R.T. -0.01 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

Tgt Ion:178 Resp: 26961

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.9	22.3
179	15.0	12.4	18.6



Abundance

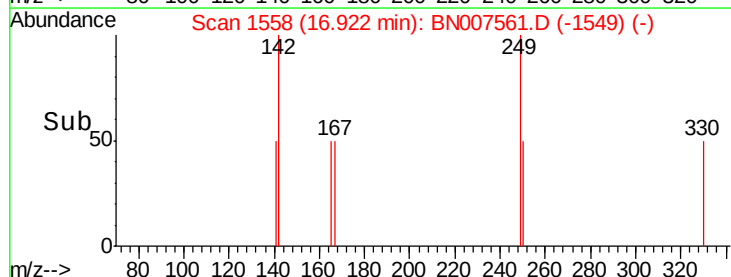
Ion 178.00 (177.70 to 178.70): E

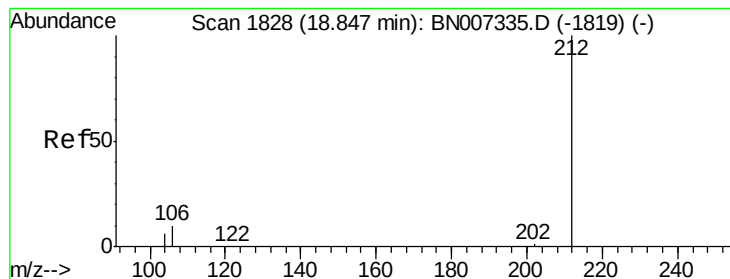
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

16.92

Time--> 16.80 16.90 17.00 17.10





#25

Fluoranthene-d10

Concen: 0.344 ng

RT: 18.84 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

Instrument :

BNA_N

ClientSampleId :

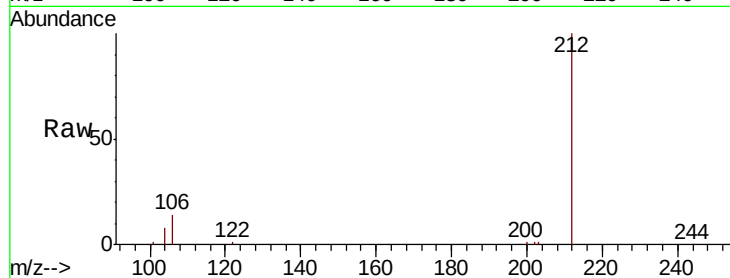
Tot Ion:212 Resp: 30008

Ion Ratio Lower Upper

212 100

106 13.7 9.0 13.4#

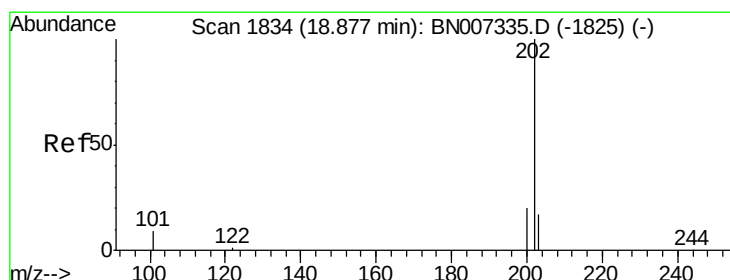
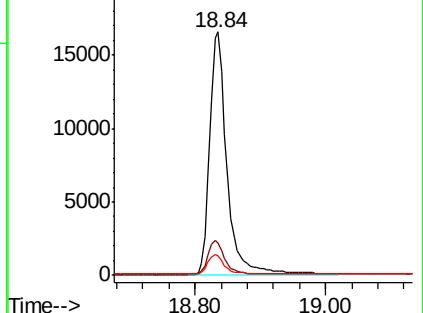
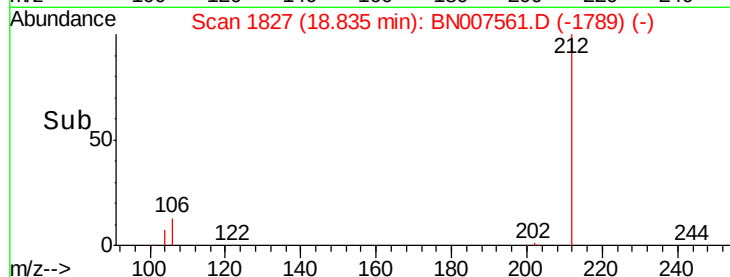
104 7.8 5.4 8.2



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: 0.352 ng

RT: 18.86 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

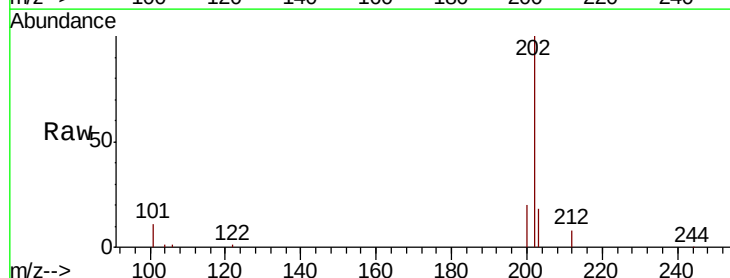
Tgt Ion:202 Resp: 36832

Ion Ratio Lower Upper

202 100

101 12.0 7.7 11.5#

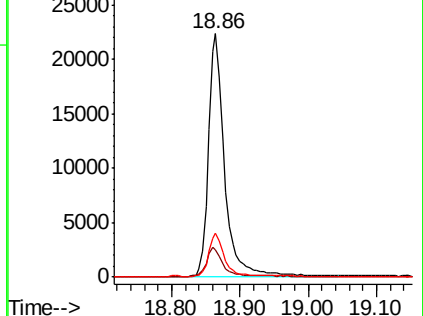
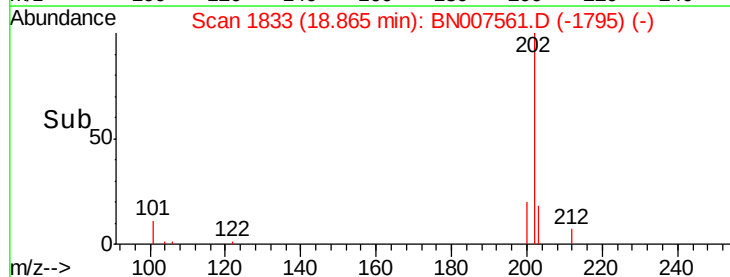
203 17.2 13.7 20.5

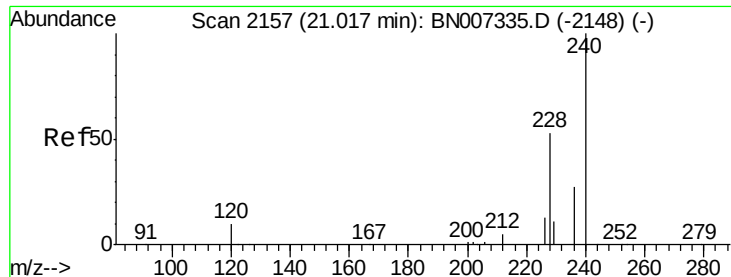


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.00 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

Instrument :

BNA_N

ClientSampleId :

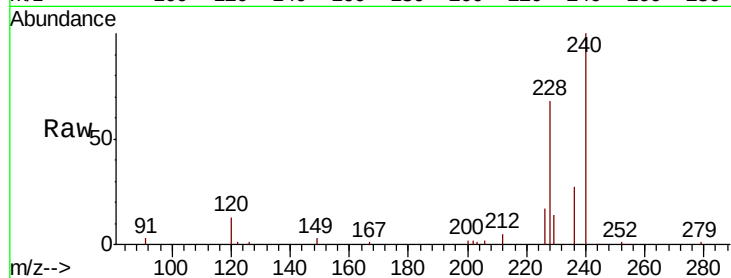
Tot Ion:240 Resp: 25919

Ion Ratio Lower Upper

240 100

120 12.7 9.6 14.4

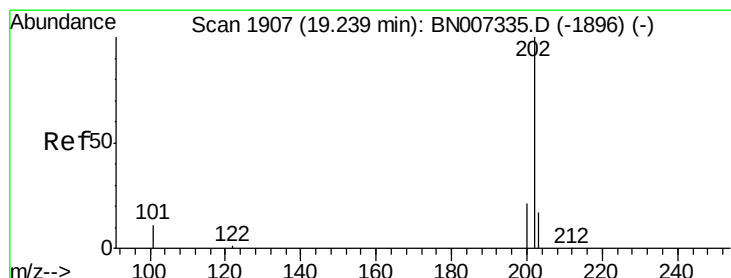
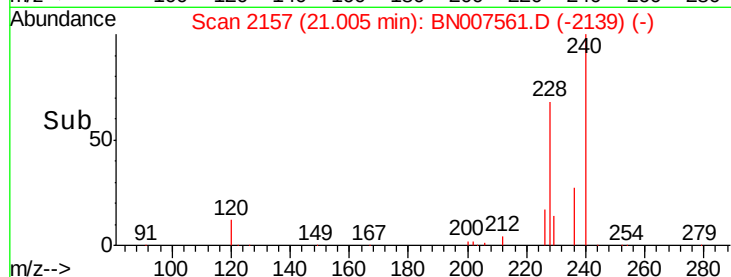
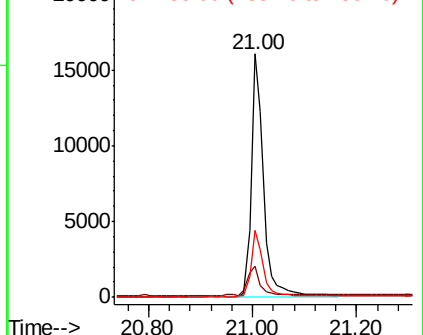
236 27.5 22.2 33.2



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: 0.366 ng

RT: 19.23 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

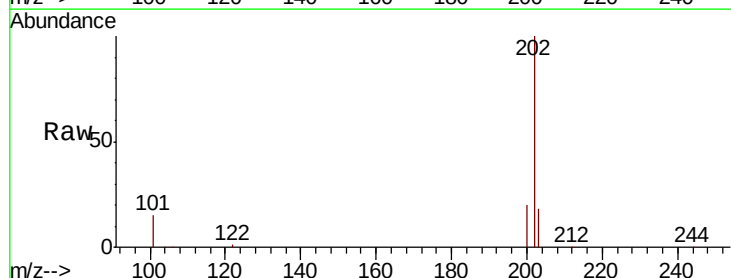
Tgt Ion:202 Resp: 38135

Ion Ratio Lower Upper

202 100

200 20.2 16.6 25.0

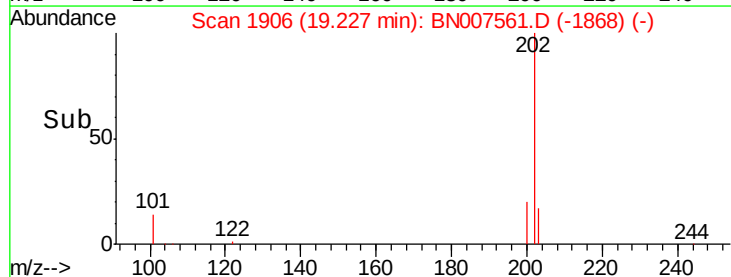
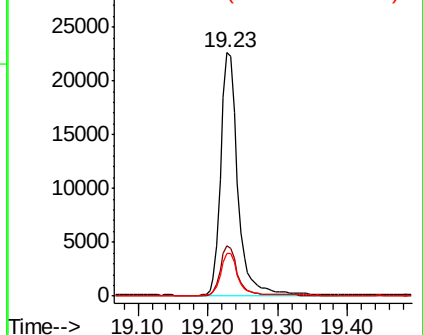
203 17.5 14.2 21.4

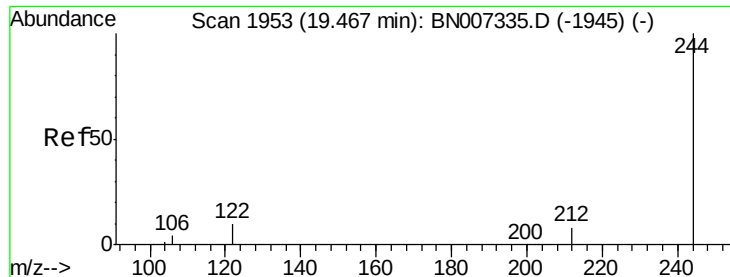


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.353 ng

RT: 19.46 min Scan# 1952

Delta R.T. -0.01 min

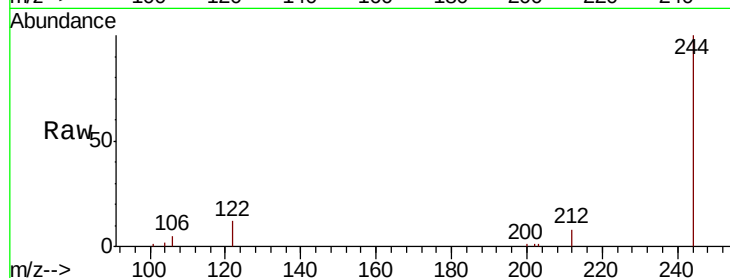
Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

Instrument :

BNA_N

ClientSampleId :



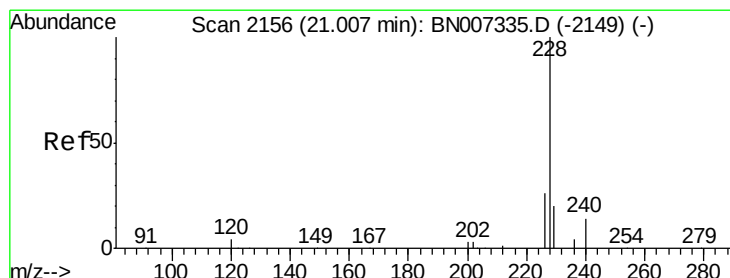
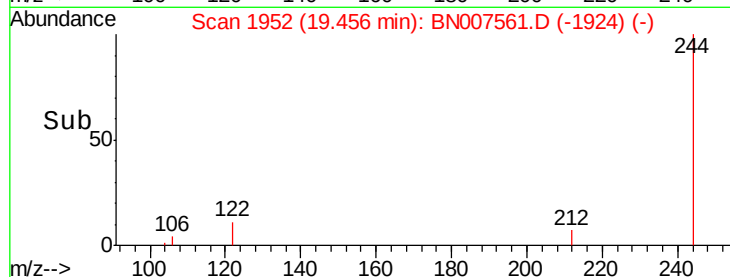
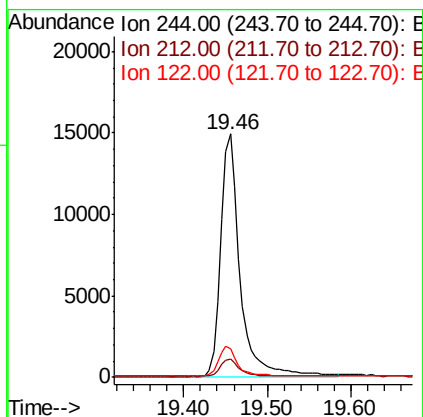
Tot Ion:244 Resp: 23948

Ion Ratio Lower Upper

244 100

212 7.7 7.0 10.6

122 11.6 9.6 14.4



#30

Benzo(a)anthracene

Concen: 0.331 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

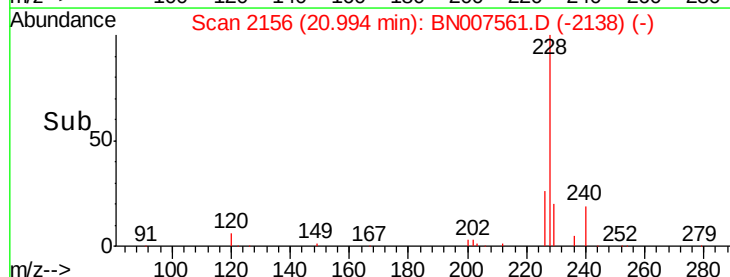
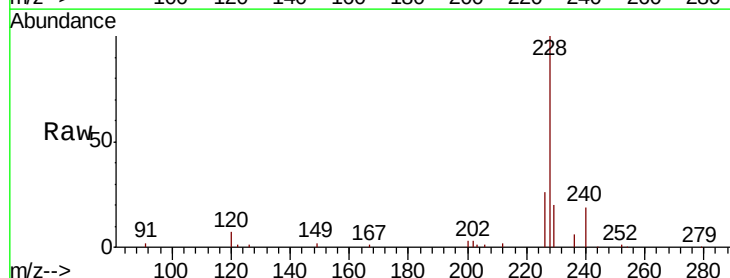
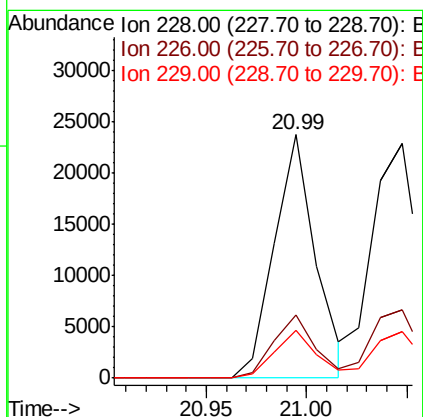
Tgt Ion:228 Resp: 33687

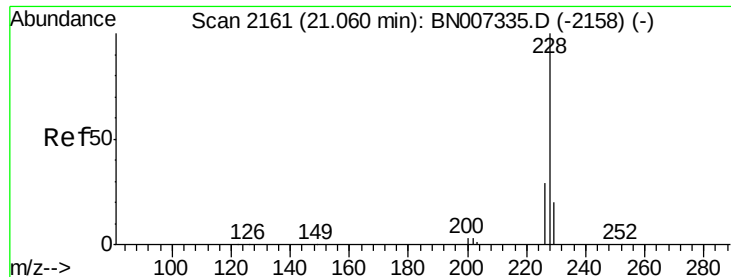
Ion Ratio Lower Upper

228 100

226 26.0 21.3 31.9

229 19.8 16.1 24.1





#31

Chrysene

Concen: 0.397 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

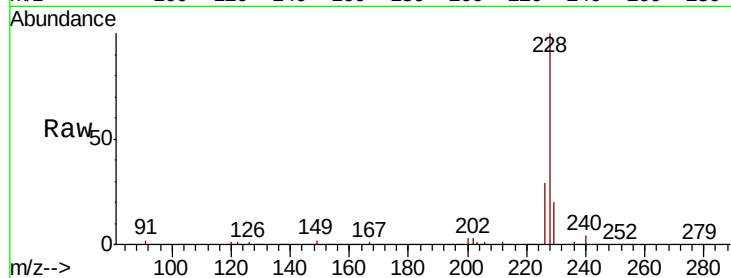
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 39019

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.5	35.3
229	19.9	16.6	24.8

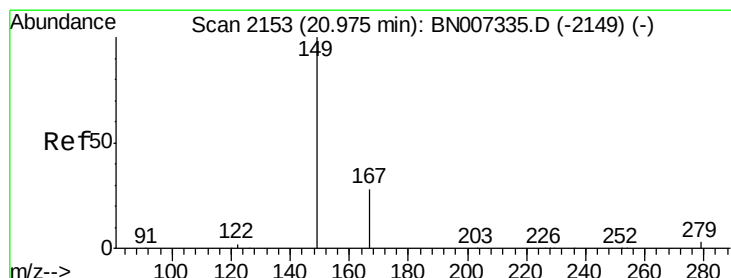
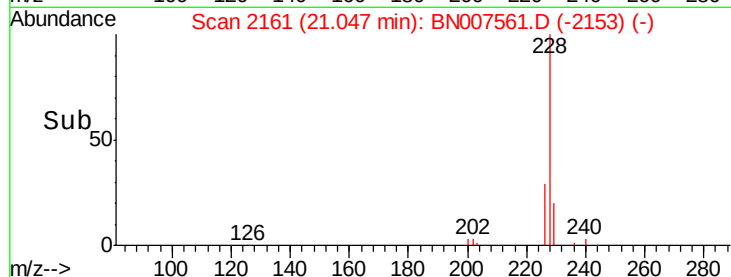
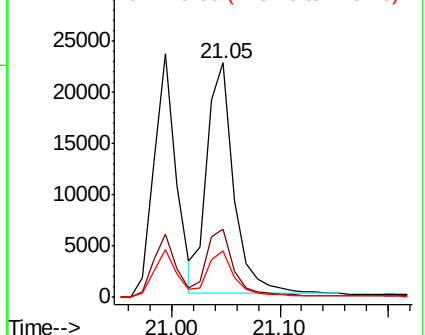


Abundance

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: 0.230 ng

RT: 20.95 min Scan# 2152

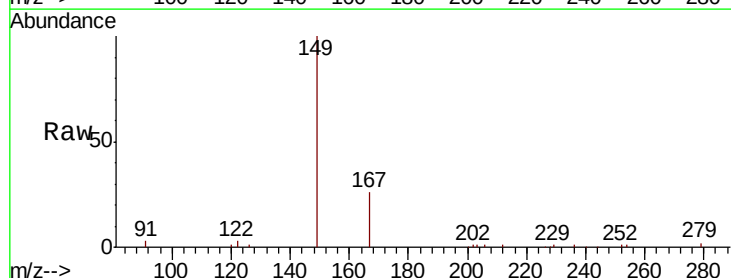
Delta R.T. -0.02 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

Tgt Ion:149 Resp: 16424

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.8	34.2
279	4.0	3.5	5.3

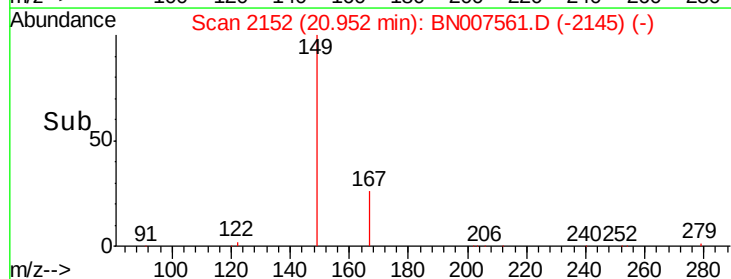
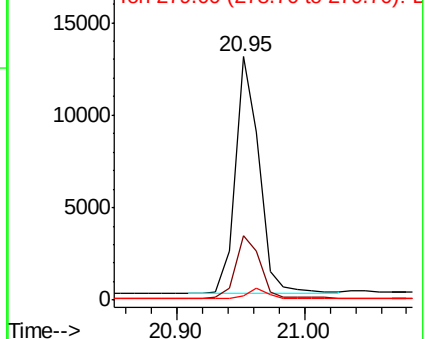


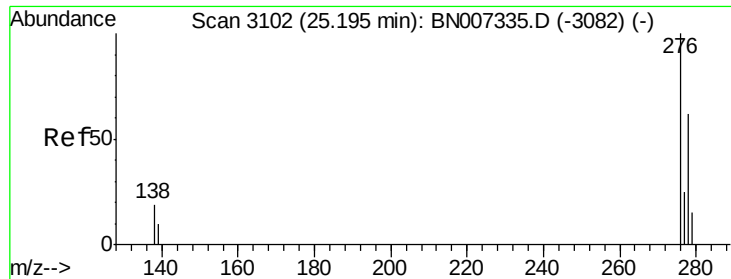
Abundance

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: 0.408 ng

RT: 25.17 min Scan# 3095

Delta R.T. -0.03 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

Instrument :

BNA_N

ClientSampleId :

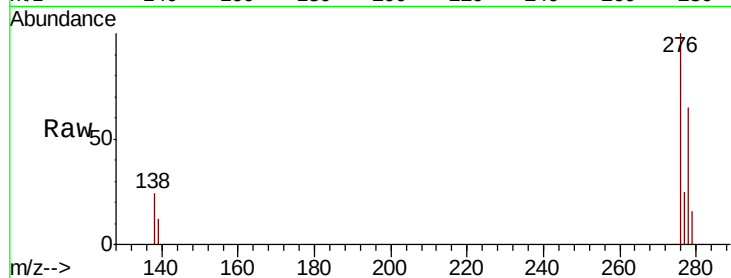
Tot Ion:276 Resp: 48332

Ion Ratio Lower Upper

276 100

138 25.3 15.1 22.7#

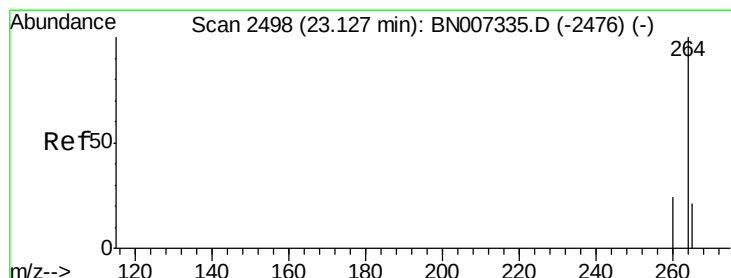
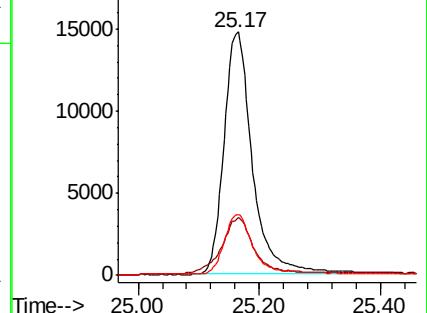
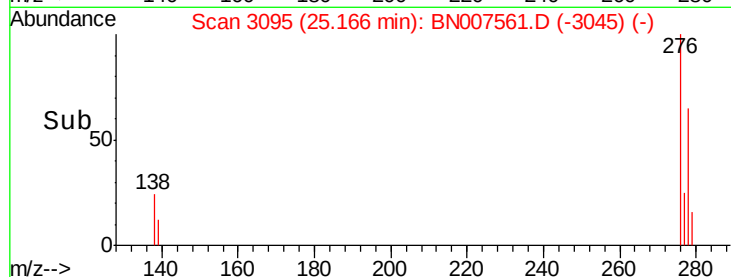
277 24.5 19.7 29.5



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: 23.11 min Scan# 2494

Delta R.T. -0.02 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

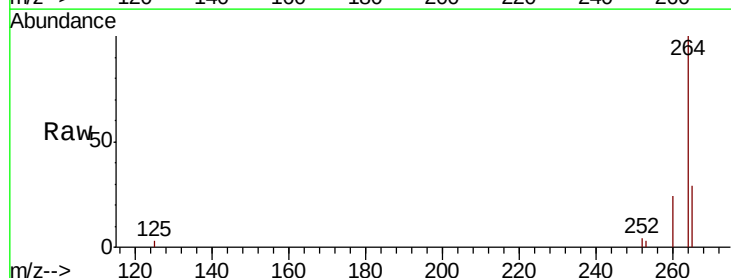
Tgt Ion:264 Resp: 29346

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

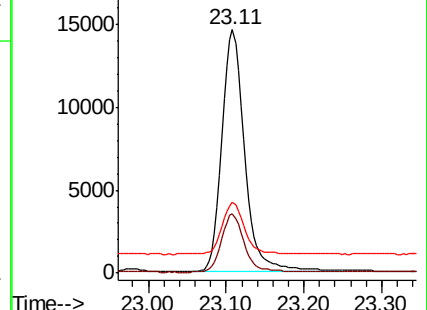
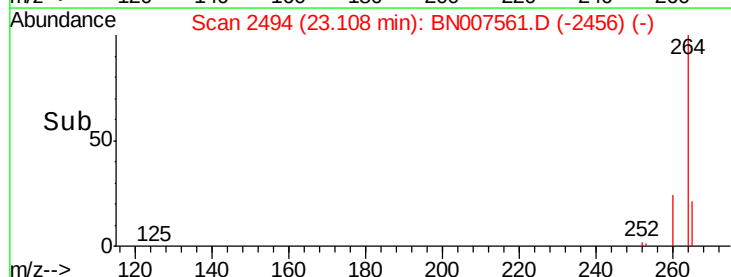
265 28.9 29.9 44.9#

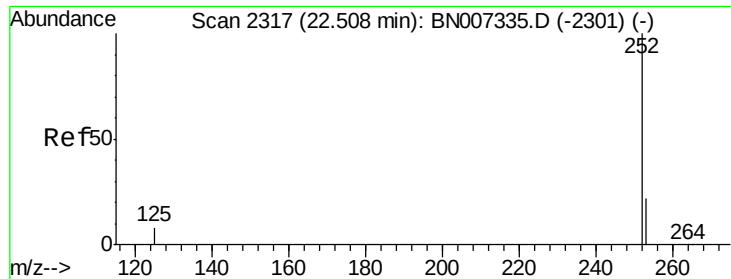


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

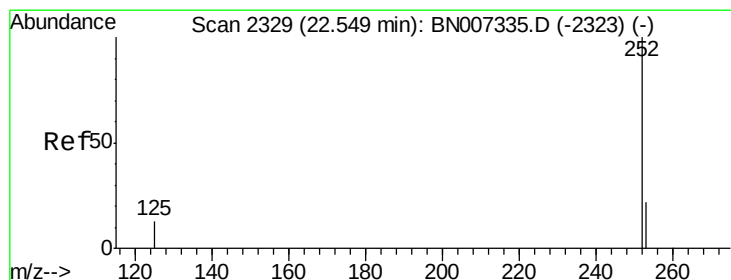
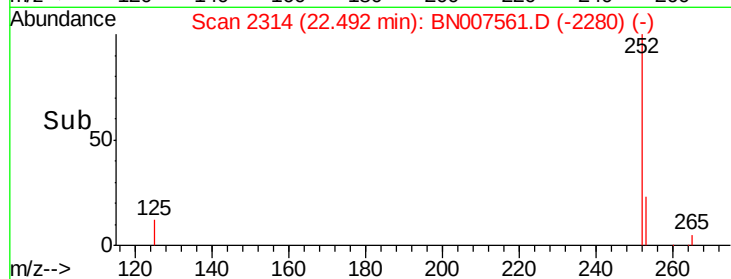
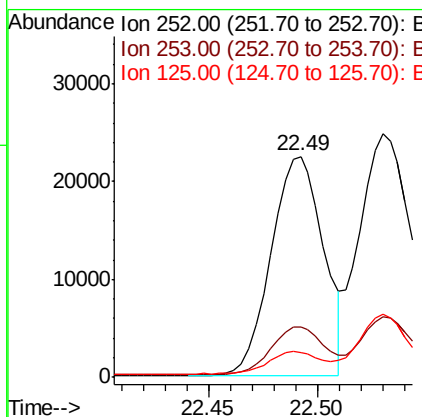
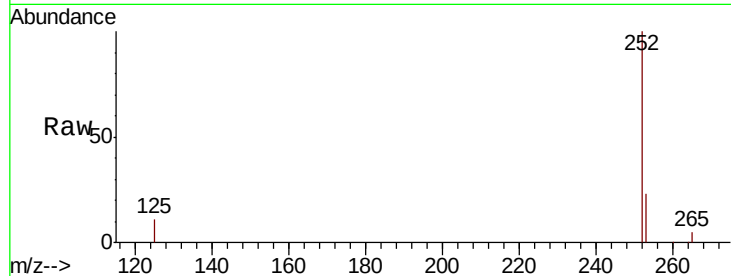




#35
Benzo(b)fluoranthene
Concen: 0.352 ng
RT: 22.49 min Scan# 2314
Delta R.T. -0.02 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

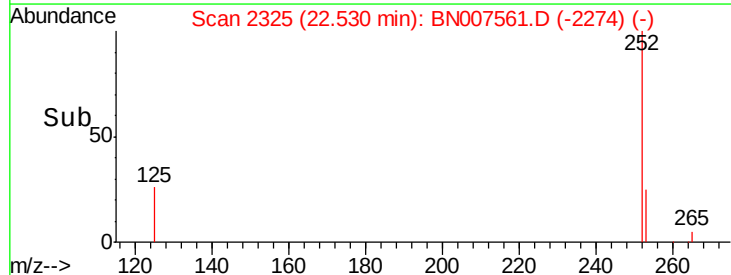
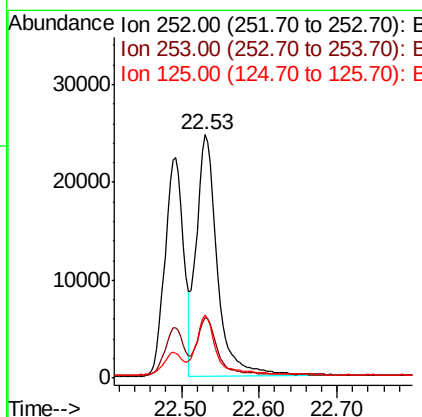
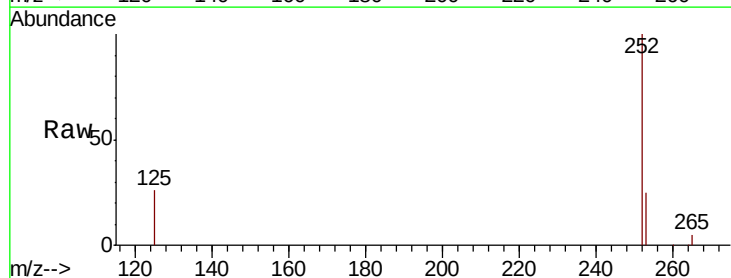
Instrument :
BNA_N
ClientSampleId :

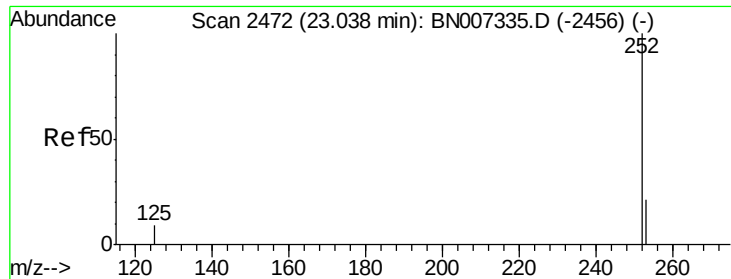
Tot Ion:252 Resp: 37383
Ion Ratio Lower Upper
252 100
253 22.9 19.2 28.8
125 11.5 10.6 16.0



#36
Benzo(k)fluoranthene
Concen: 0.441 ng
RT: 22.53 min Scan# 2325
Delta R.T. -0.02 min
Lab File: BN007561.D
Acq: 08 Sep 2019 21:37

Tgt Ion:252 Resp: 46293
Ion Ratio Lower Upper
252 100
253 24.8 19.4 29.2
125 25.7 13.1 19.7#





#37

Benzo(a)pyrene

Concen: 0.368 ng

RT: 23.02 min Scan# 2468

Delta R.T. -0.02 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

Instrument :

BNA_N

ClientSampleId :

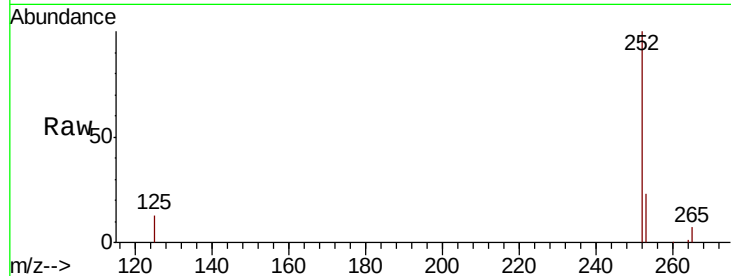
Tot Ion:252 Resp: 37213

Ion Ratio Lower Upper

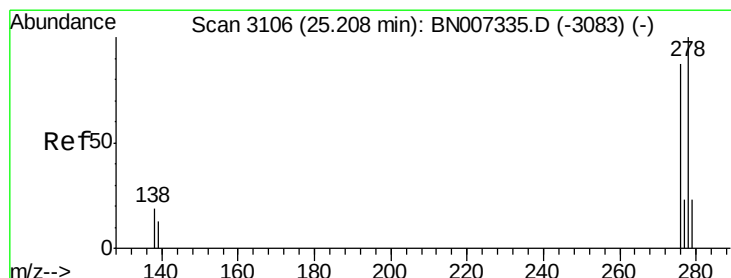
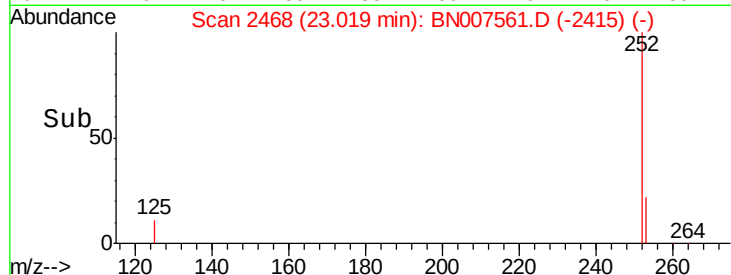
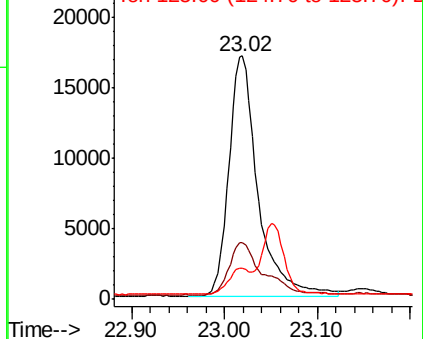
252 100

253 23.4 19.5 29.3

125 12.9 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: 0.383 ng

RT: 25.18 min Scan# 3098

Delta R.T. -0.03 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

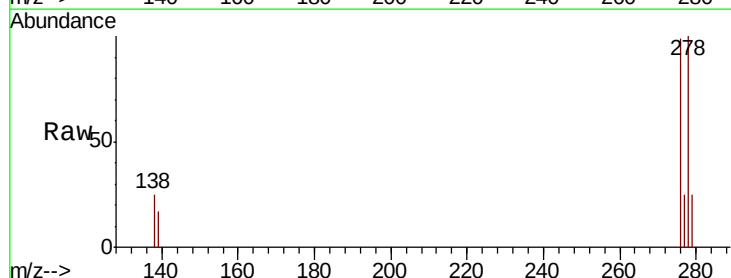
Tgt Ion:278 Resp: 38617

Ion Ratio Lower Upper

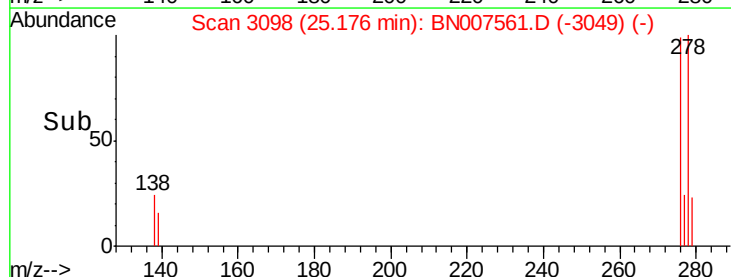
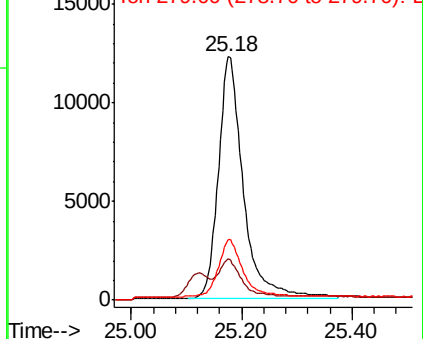
278 100

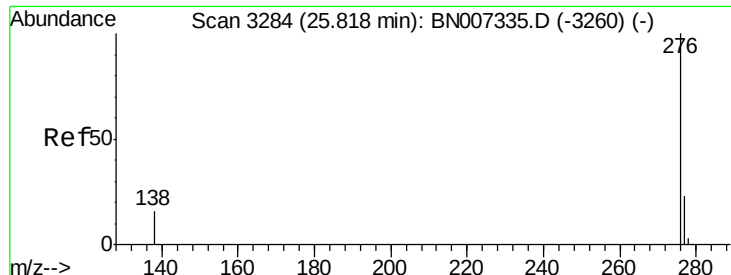
139 17.0 13.7 20.5

279 24.7 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(a,h,i)perylene

Concen: 0.388 ng

RT: 25.79 min Scan# 3276

Delta R.T. -0.03 min

Lab File: BN007561.D

Acq: 08 Sep 2019 21:37

Instrument :

BNA_N

ClientSampleId :

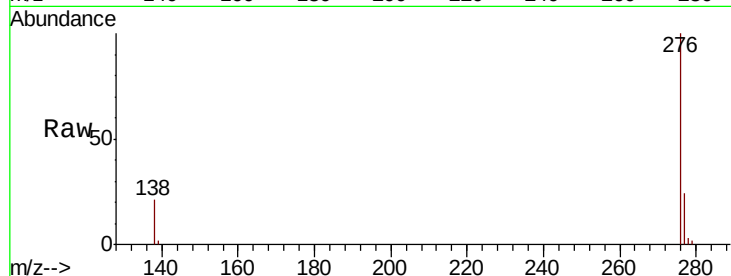
Tot Ion: 276 Resp: 39061

Ion Ratio Lower Upper

276 100

277 24.3 19.6 29.4

138 21.1 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

