

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
 Data File : BN007307.D
 Acq On : 22 Aug 2019 01:23
 Operator : HP/JU
 Sample : PB122289BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 22 05:02:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 20 18:52:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	4980	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	18255	0.40	ng	0.00
13) Acenaphthene-d10	14.06	164	9721	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	22885	0.40	ng	0.00
27) Chrysene-d12	21.03	240	26928	0.40	ng	0.00
34) Perylene-d12	23.14	264	30573	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	5233	0.34	ng	0.00
5) Phenol-d6	6.61	99	6462	0.37	ng	0.00
8) Nitrobenzene-d5	8.54	82	4690	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	11.77	152	14152	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.56	330	1953	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.68	172	13876	0.33	ng	0.00
25) Fluoranthene-d10	18.85	212	26870	0.37	ng	0.00
29) Terphenyl-d14	19.48	244	21085	0.31	ng	0.00

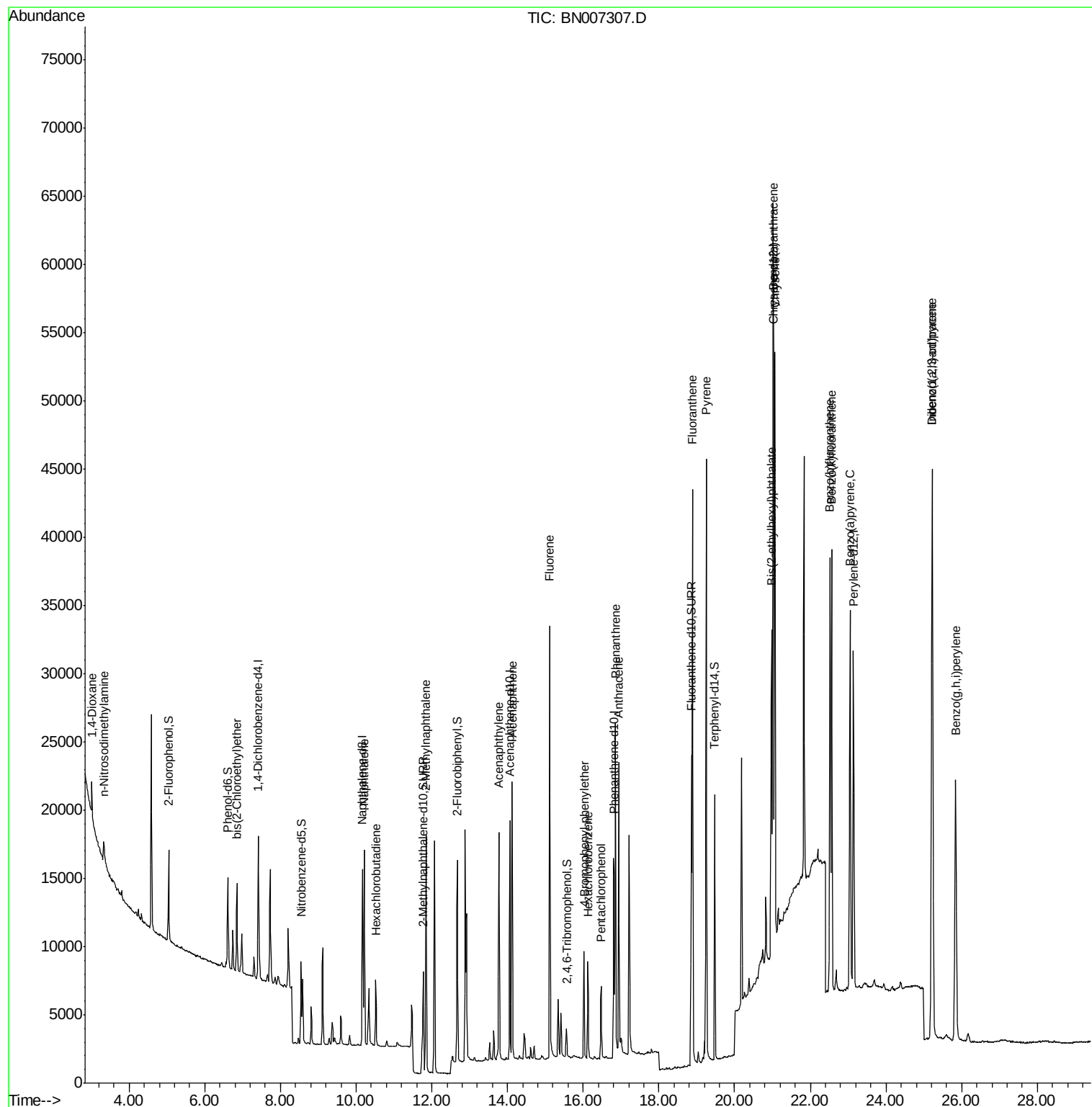
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	1548	0.219	ng	# 55
3) n-Nitrosodimethylamine	3.33	42	1458	0.308	ng	# 99
6) bis(2-Chloroethyl)ether	6.85	93	4997	0.340	ng	98
9) Naphthalene	10.22	128	18162	0.351	ng	99
10) Hexachlorobutadiene	10.52	225	3966	0.347	ng	# 99
12) 2-Methylnaphthalene	11.85	142	12707	0.355	ng	99
16) Acenaphthylene	13.77	152	19897	0.386	ng	99
17) Acenaphthene	14.12	154	11489	0.350	ng	99
18) Fluorene	15.12	166	15484	0.361	ng	100
20) 4-Bromophenyl-phenylether	16.02	248	4777	0.364	ng	95
21) Hexachlorobenzene	16.12	284	5354	0.353	ng	98
22) Pentachlorophenol	16.48	266	2849	0.468	ng	99
23) Phenanthrene	16.85	178	27005	0.376	ng	99
24) Anthracene	16.94	178	25055	0.388	ng	98
26) Fluoranthene	18.88	202	41468	0.477	ng	99
28) Pyrene	19.25	202	41750	0.415	ng	98
30) Benzo(a)anthracene	21.02	228	38462	0.384	ng	97
31) Chrysene	21.07	228	38299	0.375	ng	97
32) Bis(2-ethylhexyl)phthalate	20.98	149	20360	0.509	ng	99
33) Indeno(1,2,3-cd)pyrene	25.21	276	45503	0.370	ng	99
35) Benzo(b)fluoranthene	22.52	252	39277	0.345	ng	# 95
36) Benzo(k)fluoranthene	22.56	252	38181	0.342	ng	# 95
37) Benzo(a)pyrene	23.05	252	38988	0.380	ng	# 93
38) Dibenzo(a,h)anthracene	25.23	278	37338	0.346	ng	# 94
39) Benzo(g,h,i)perylene	25.84	276	39005	0.358	ng	97

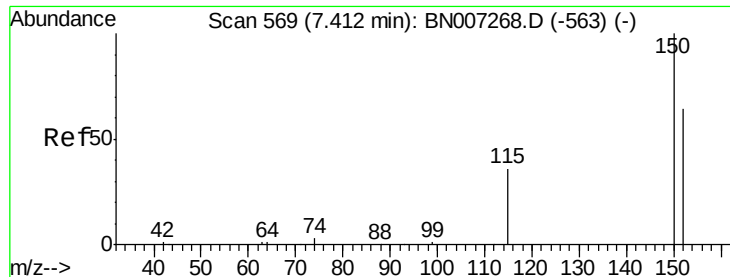
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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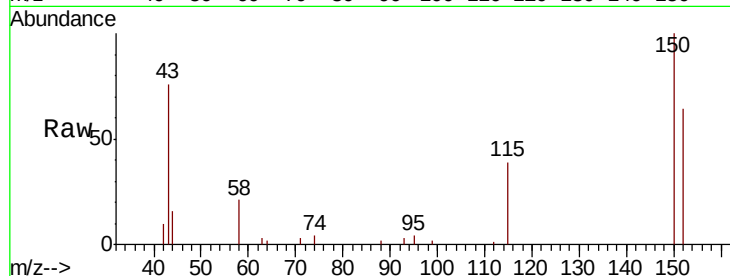


#1

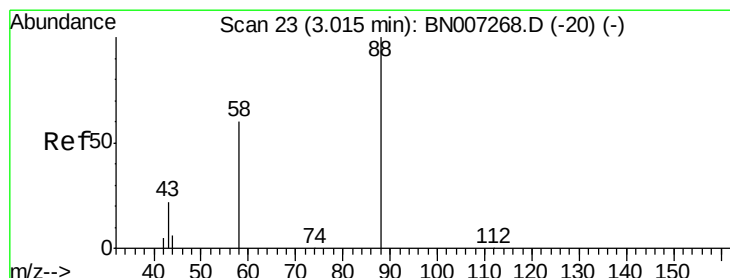
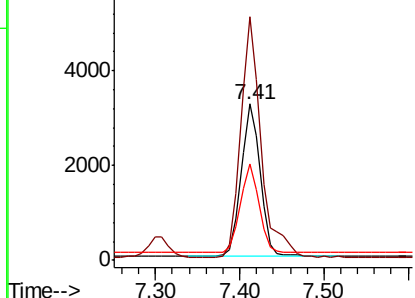
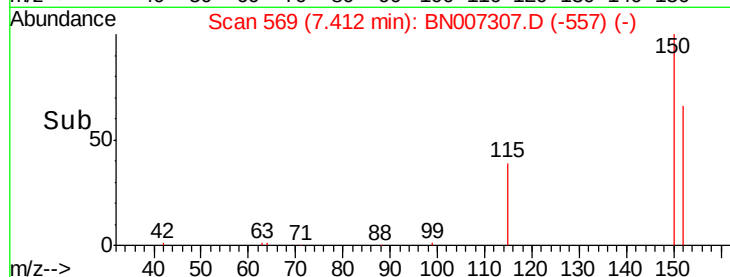
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.00 min
Lab File: BN007307.D
Acq: 22 Aug 2019 01:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4980
Ion Ratio Lower Upper
152 100
150 155.9 123.8 185.8
115 61.5 47.3 70.9



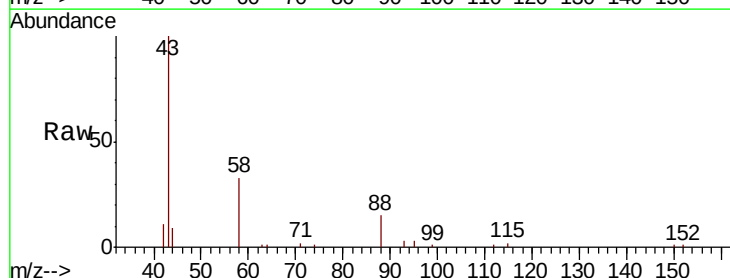
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



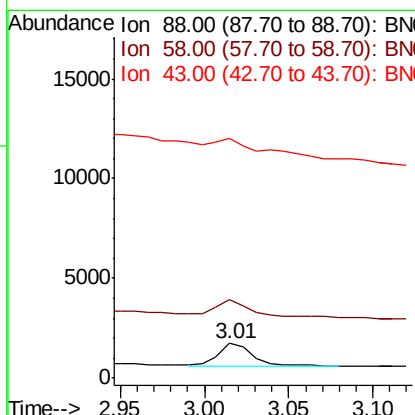
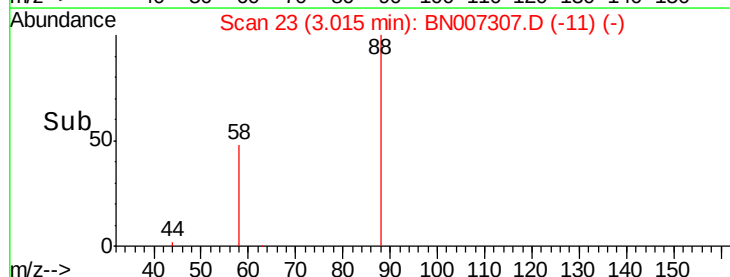
#2

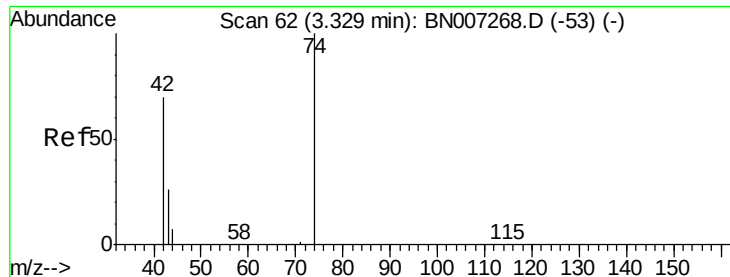
1,4-Dioxane
Concen: 0.219 ng
RT: 3.01 min Scan# 23
Delta R.T. -0.00 min
Lab File: BN007307.D
Acq: 22 Aug 2019 01:23

Tgt Ion: 88 Resp: 1548
Ion Ratio Lower Upper
88 100
58 88.2 45.5 68.3#
43 0.0 20.4 30.6#



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



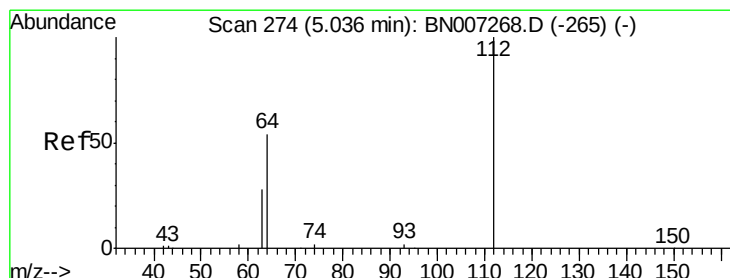
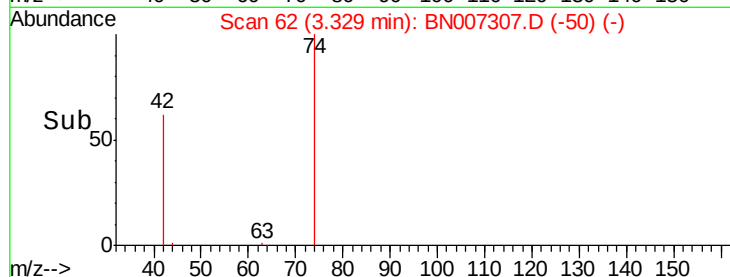
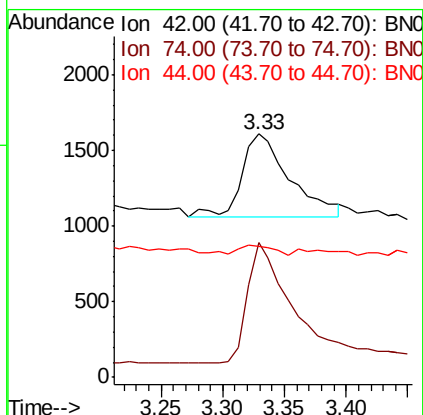
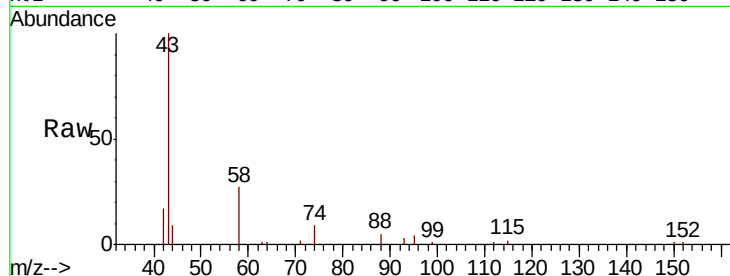


#3

n-Nitrosodimethylamine
 Concen: 0.308 ng
 RT: 3.33 min Scan# 62
 Delta R.T. -0.00 min
 Lab File: BN007307.D
 Acq: 22 Aug 2019 01:23

Instrument :
 BNA_N
 ClientSampleId :

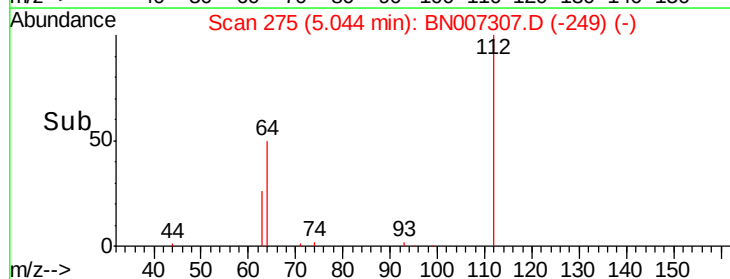
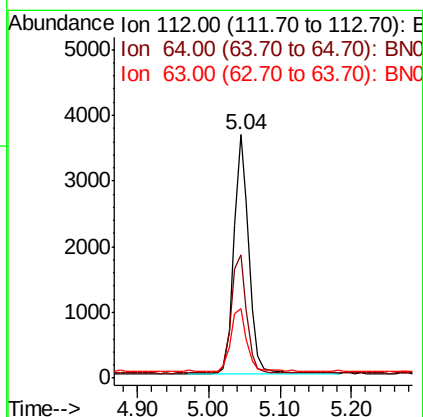
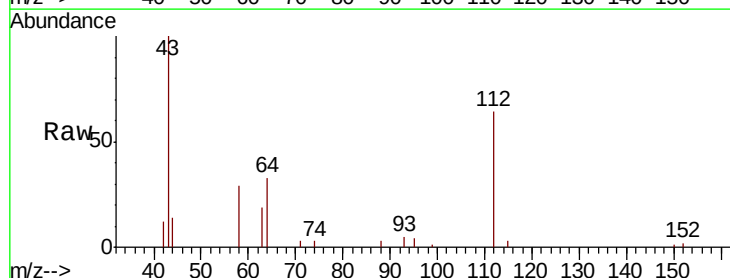
Tot Ion: 42 Resp: 1458
 Ion Ratio Lower Upper
 42 100
 74 135.0 109.0 163.4
 44 8.8 4.2 6.2#

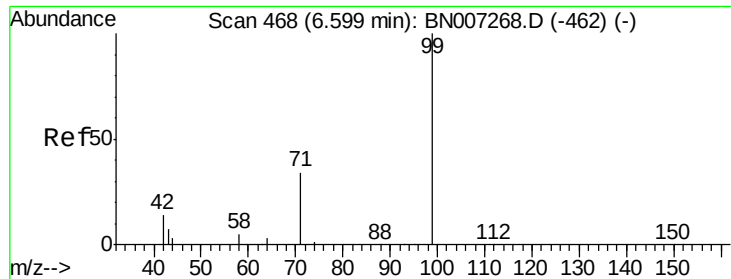


#4

2-Fluorophenol
 Concen: 0.345 ng
 RT: 5.04 min Scan# 275
 Delta R.T. 0.01 min
 Lab File: BN007307.D
 Acq: 22 Aug 2019 01:23

Tgt Ion: 112 Resp: 5233
 Ion Ratio Lower Upper
 112 100
 64 51.5 41.8 62.8
 63 27.8 22.6 34.0





#5

Phenol-d6

Concen: 0.369 ng

RT: 6.61 min Scan# 469

Delta R.T. 0.01 min

Lab File: BN007307.D

Acq: 22 Aug 2019 01:23

Instrument :

BNA_N

ClientSampled :

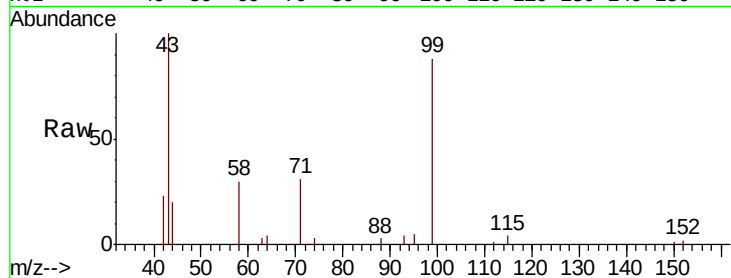
Tot Ion: 99 Resp: 6462

Ion Ratio Lower Upper

99 100

42 17.4 14.3 21.5

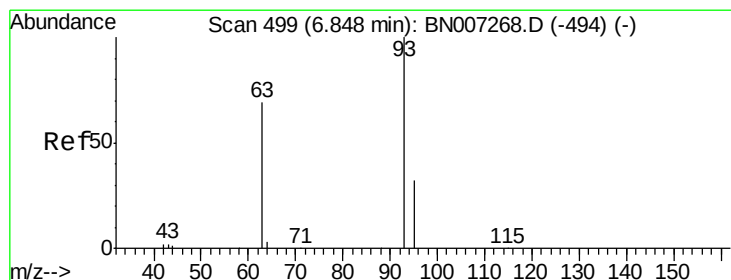
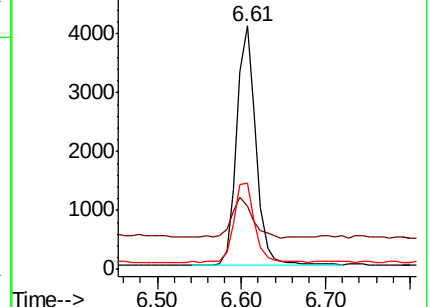
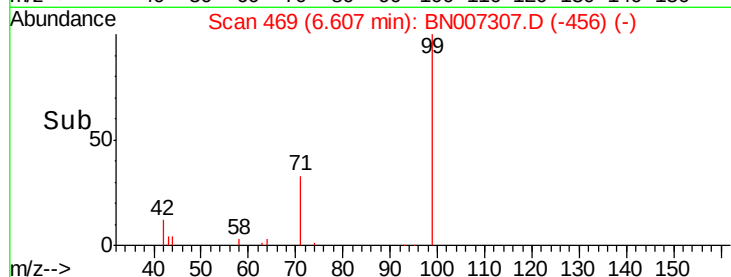
71 35.1 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN007307.D (-456) (-)

Ion 42.00 (41.70 to 42.70): BN007307.D (-456) (-)

Ion 71.00 (70.70 to 71.70): BN007307.D (-456) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.340 ng

RT: 6.85 min Scan# 499

Delta R.T. -0.00 min

Lab File: BN007307.D

Acq: 22 Aug 2019 01:23

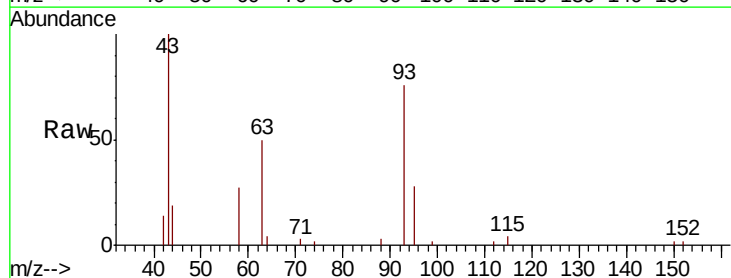
Tgt Ion: 93 Resp: 4997

Ion Ratio Lower Upper

93 100

63 66.8 54.4 81.6

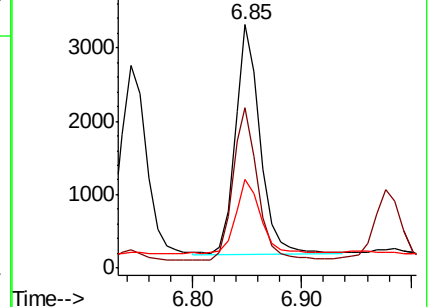
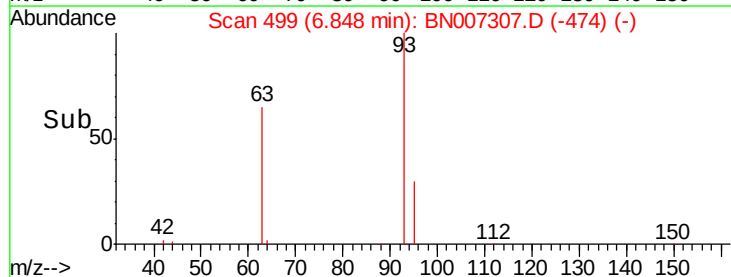
95 33.2 25.5 38.3

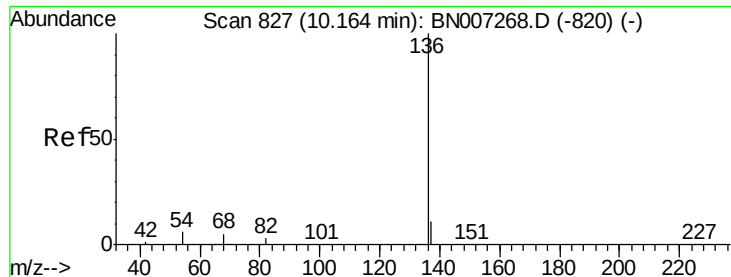


Abundance Ion 93.00 (92.70 to 93.70): BN007307.D (-474) (-)

Ion 63.00 (62.70 to 63.70): BN007307.D (-474) (-)

Ion 95.00 (94.70 to 95.70): BN007307.D (-474) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.00 min

Lab File: BN007307.D

Acq: 22 Aug 2019 01:23

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 18255

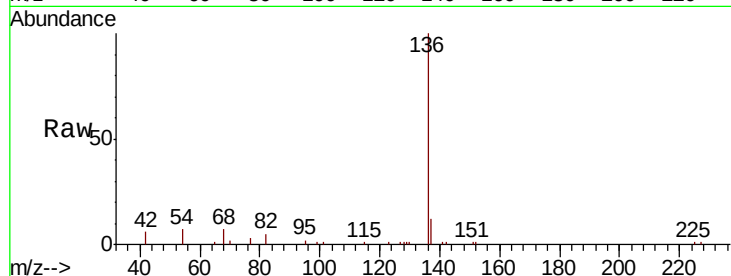
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 7.2 5.9 8.9

68 6.7 5.6 8.4

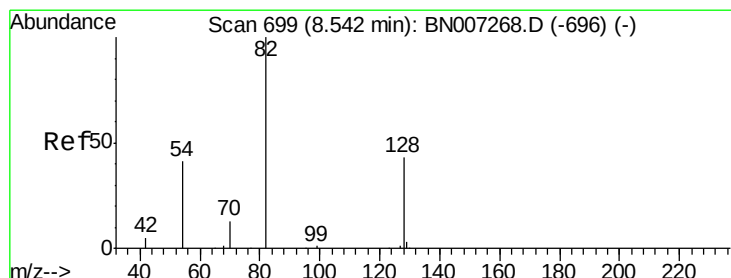
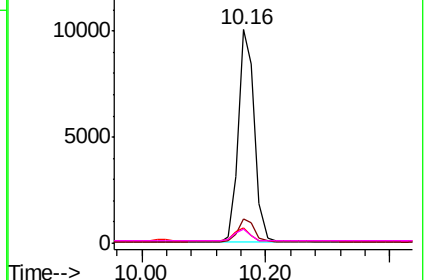
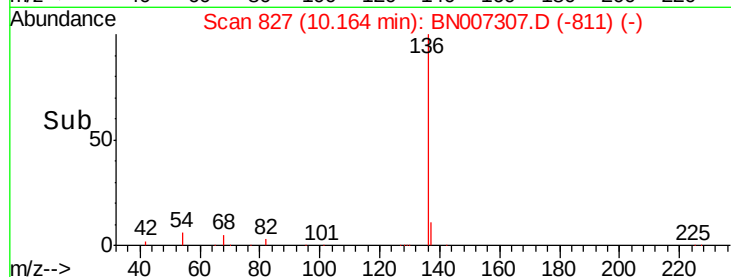


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.335 ng

RT: 8.54 min Scan# 699

Delta R.T. -0.00 min

Lab File: BN007307.D

Acq: 22 Aug 2019 01:23

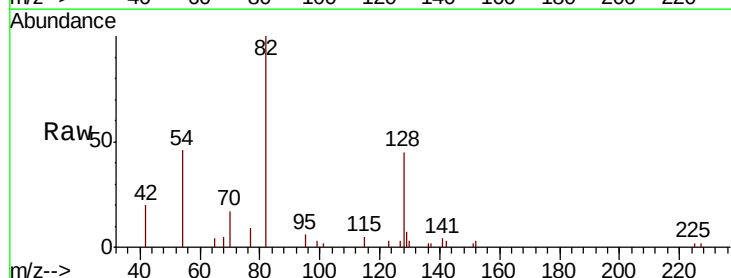
Tgt Ion: 82 Resp: 4690

Ion Ratio Lower Upper

82 100

128 44.8 35.8 53.6

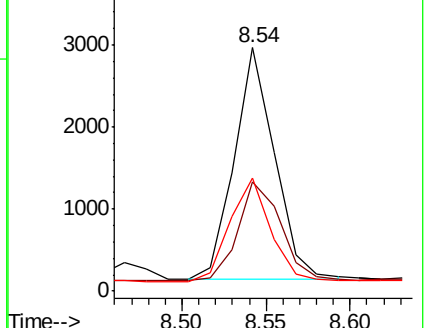
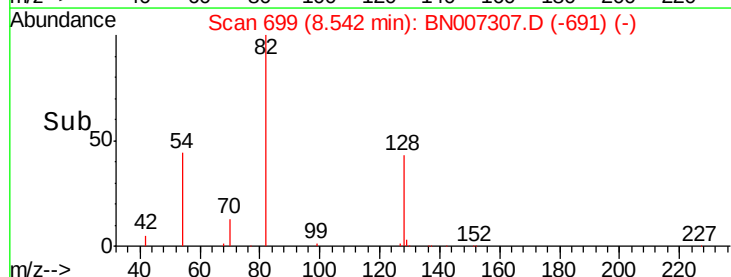
54 46.2 34.7 52.1

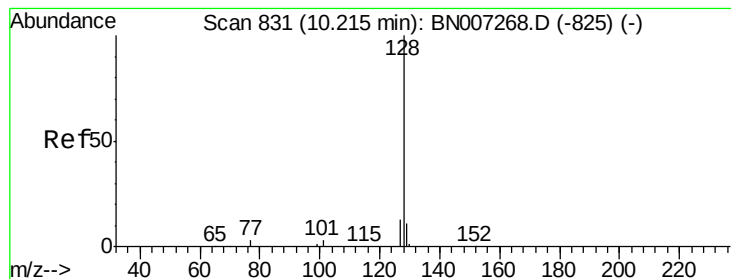


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.351 ng

RT: 10.22 min Scan# 831

Delta R.T. -0.00 min

Lab File: BN007307.D

Acq: 22 Aug 2019 01:23

Instrument :

BNA_N

ClientSampled :

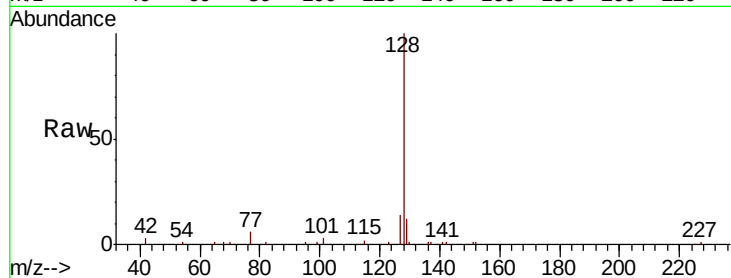
Tot Ion:128 Resp: 18162

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

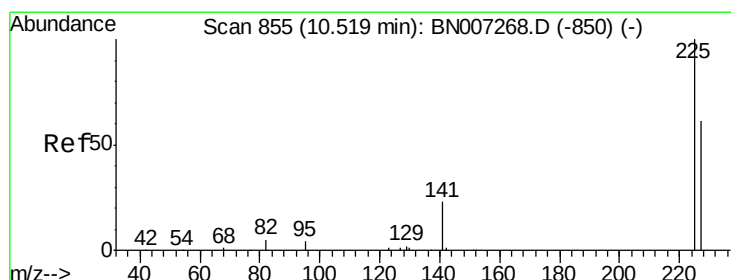
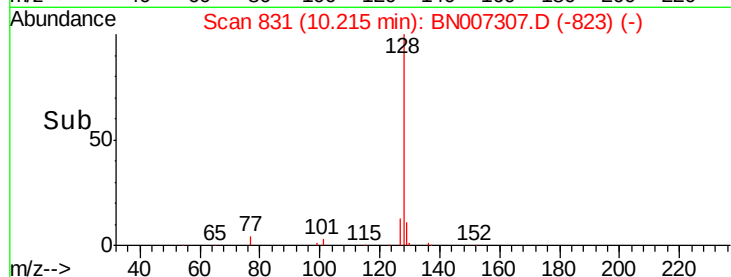
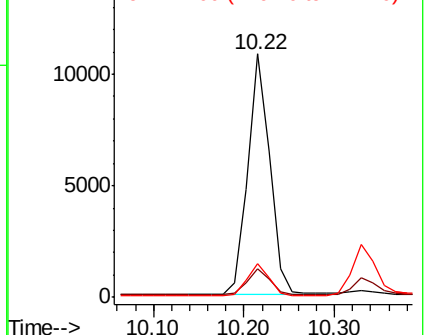
127 13.9 10.6 16.0



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: 10.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN007307.D

Acq: 22 Aug 2019 01:23

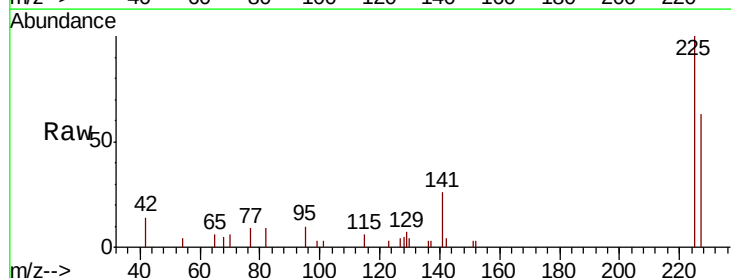
Tgt Ion:225 Resp: 3966

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

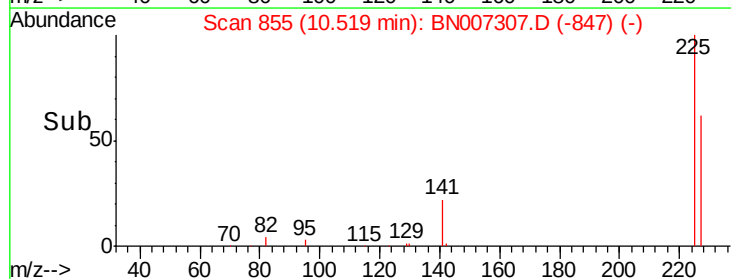
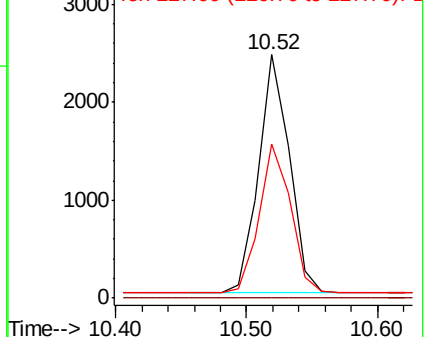
227 63.7 50.2 75.2

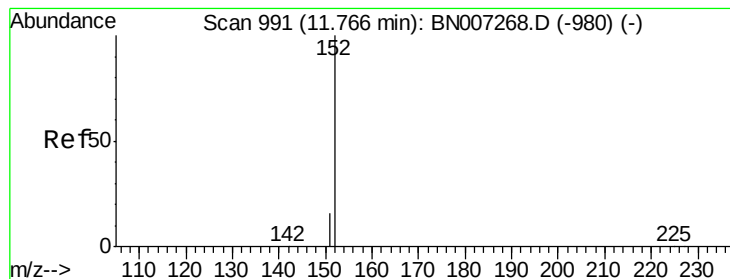


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.449 ng

RT: 11.77 min Scan# 992

Delta R.T. 0.00 min

Lab File: BN007307.D

Acq: 22 Aug 2019 01:23

Instrument :

BNA_N

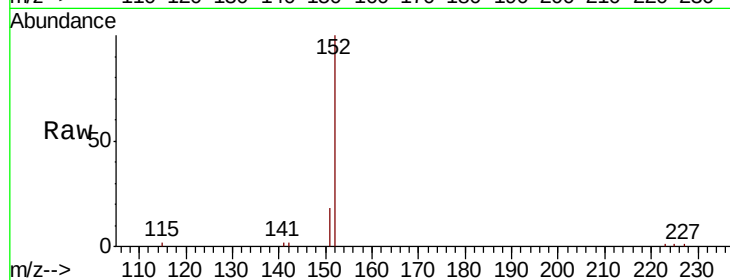
ClientSampleId :

Tot Ion:152 Resp: 14152

Ion Ratio Lower Upper

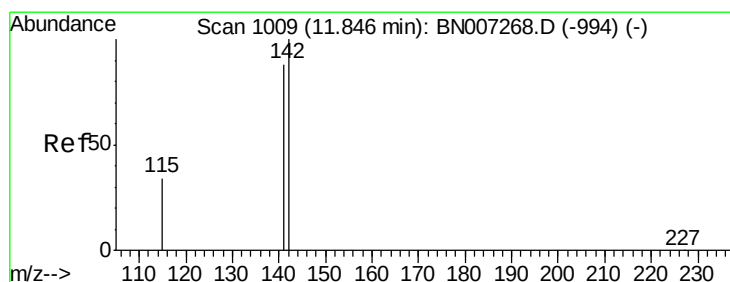
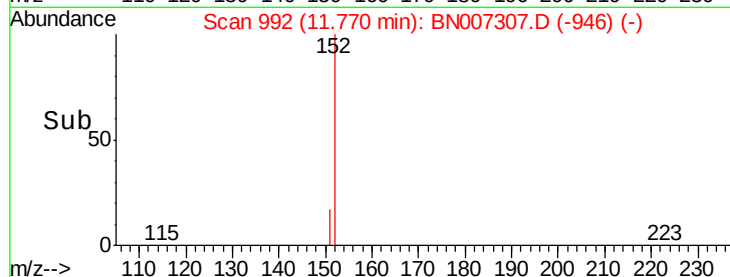
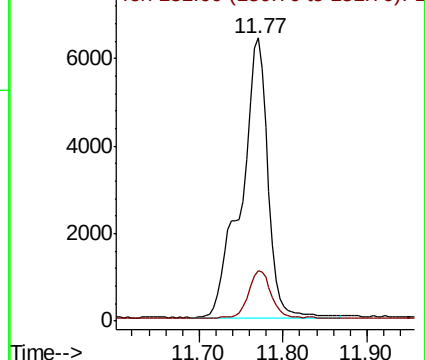
152 100

151 14.4 15.2 22.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.355 ng

RT: 11.85 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BN007307.D

Acq: 22 Aug 2019 01:23

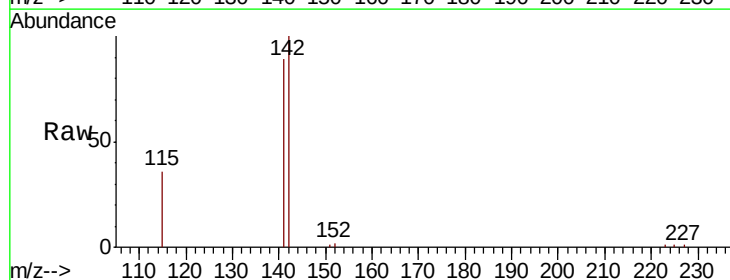
Tgt Ion:142 Resp: 12707

Ion Ratio Lower Upper

142 100

141 89.2 70.7 106.1

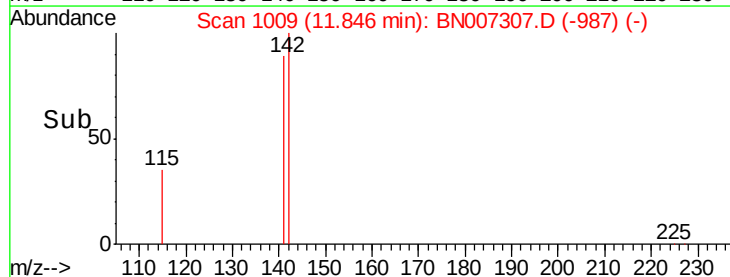
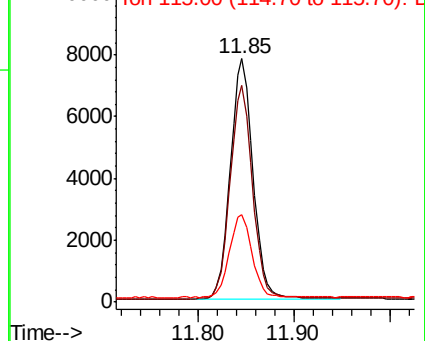
115 36.2 28.1 42.1

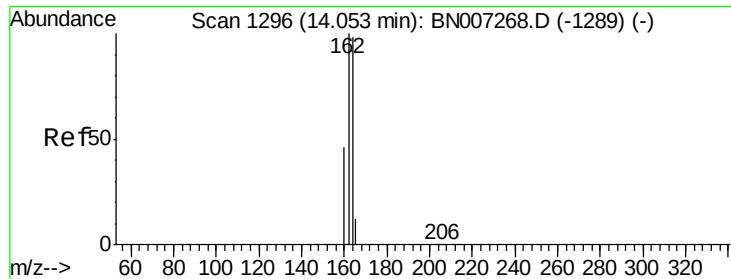


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.06 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BN007307.D

Acq: 22 Aug 2019 01:23

Instrument :

BNA_N

ClientSampleId :

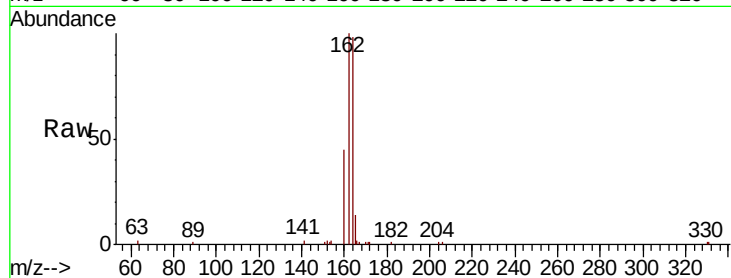
Tot Ion:164 Resp: 9721

Ion Ratio Lower Upper

164 100

162 102.6 82.0 123.0

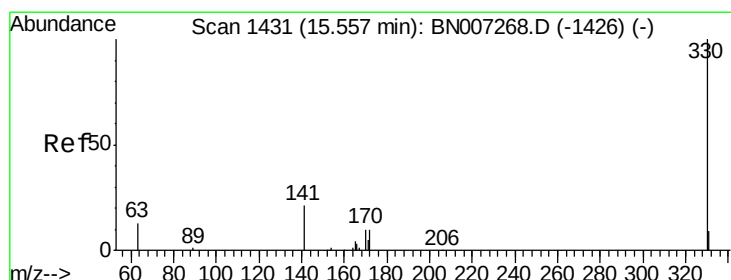
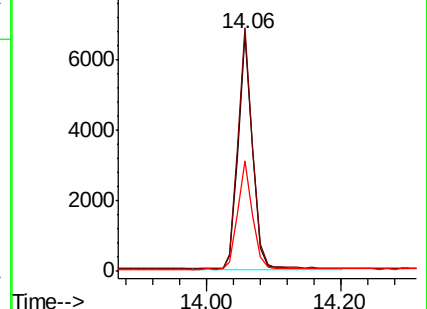
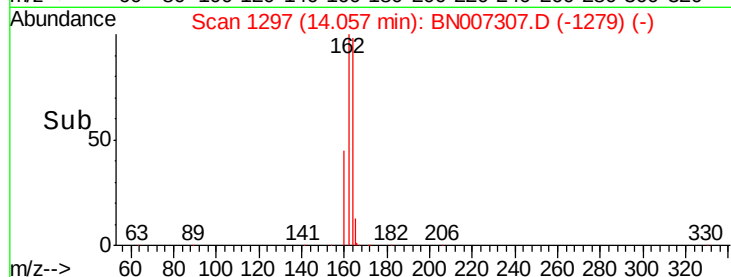
160 46.6 38.2 57.4



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: 0.358 ng

RT: 15.56 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BN007307.D

Acq: 22 Aug 2019 01:23

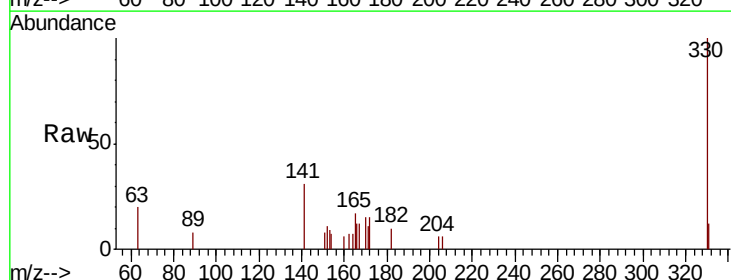
Tgt Ion:330 Resp: 1953

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

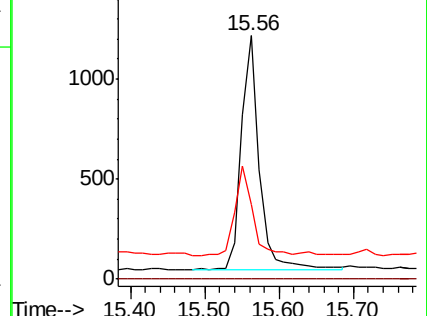
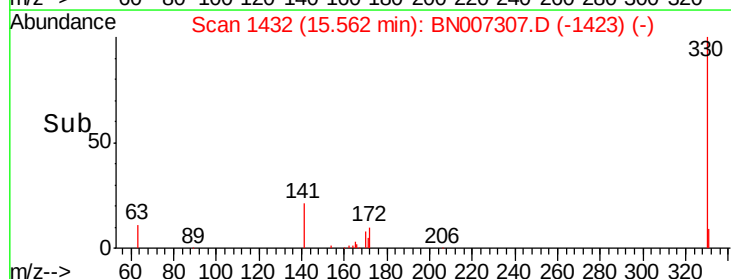
141 36.2 30.3 45.5

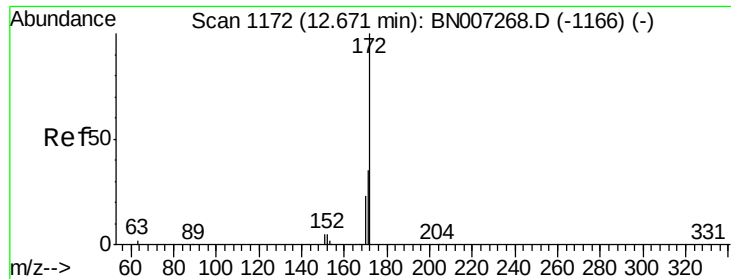


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

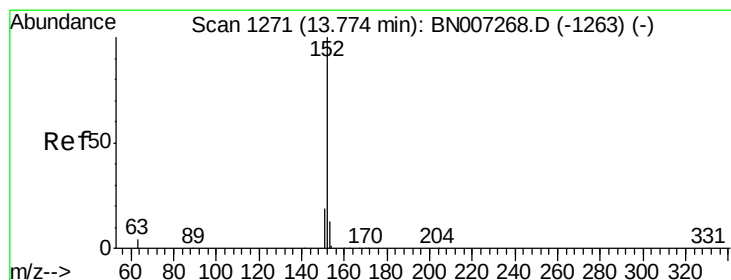
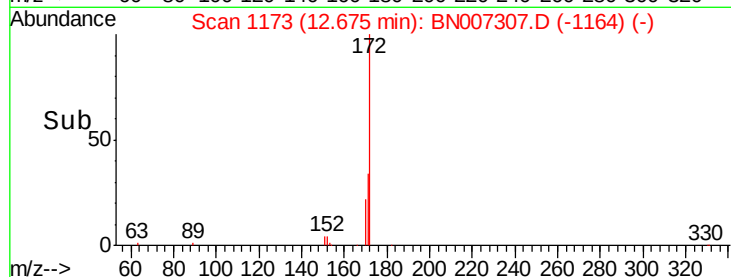
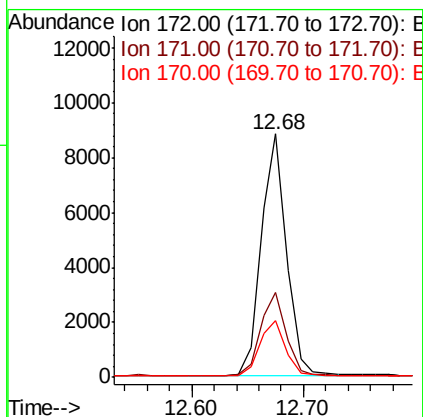
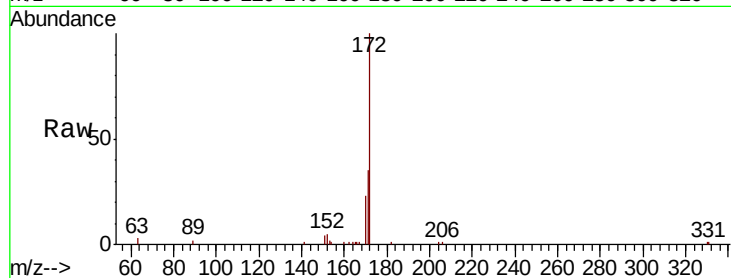




#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007307.D
Acq: 22 Aug 2019 01:23

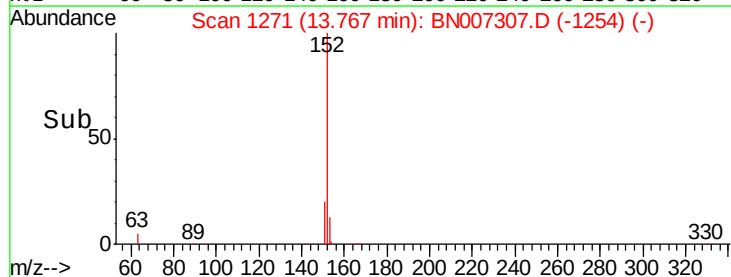
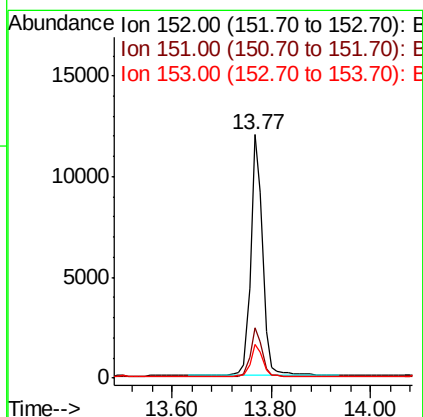
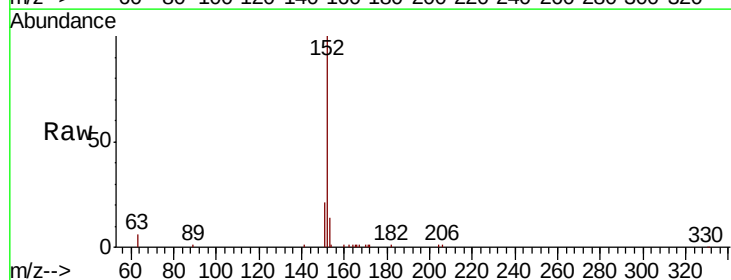
Instrument :
BNA_N
ClientSampleId :

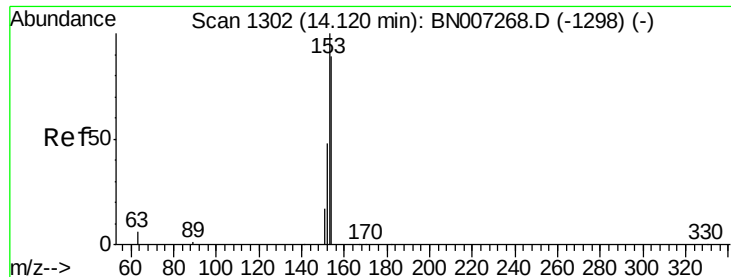
Tot Ion:172 Resp: 13876
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 23.1 18.7 28.1



#16
Acenaphthylene
Concen: 0.386 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN007307.D
Acq: 22 Aug 2019 01:23

Tgt Ion:152 Resp: 19897
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.2
153 12.9 10.1 15.1





#17

Acenaphthene

Concen: 0.350 ng

RT: 14.12 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BN007307.D

Acq: 22 Aug 2019 01:23

Instrument :

BNA_N

ClientSampled :

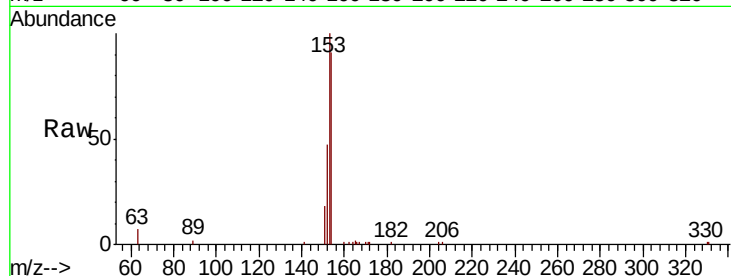
Tot Ion:154 Resp: 11489

Ion Ratio Lower Upper

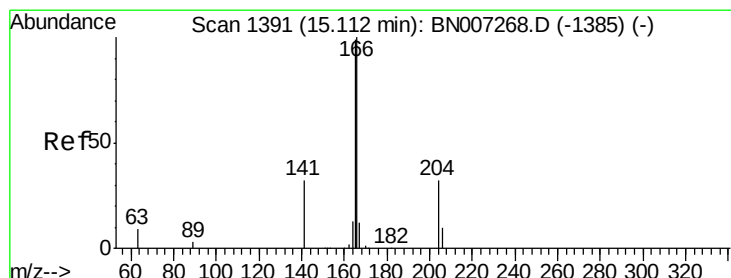
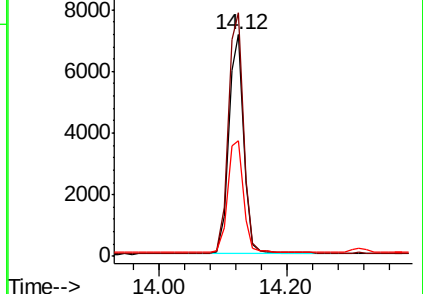
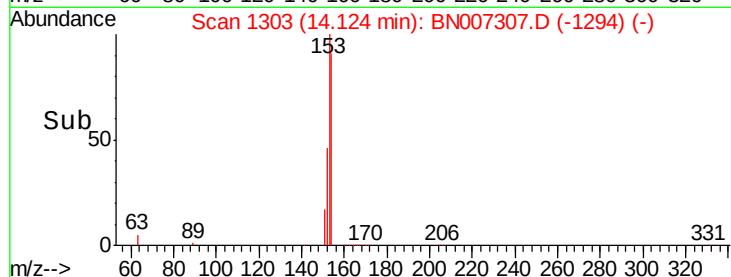
154 100

153 113.2 89.9 134.9

152 54.5 43.9 65.9



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: 15.12 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BN007307.D

Acq: 22 Aug 2019 01:23

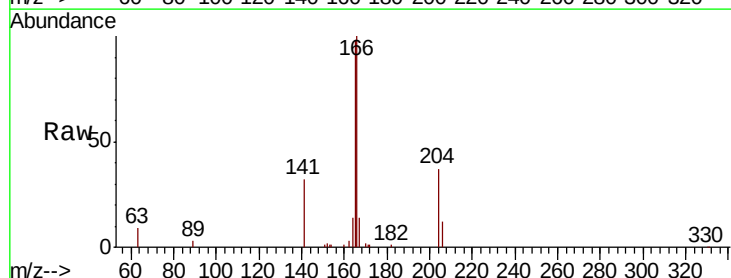
Tgt Ion:166 Resp: 15484

Ion Ratio Lower Upper

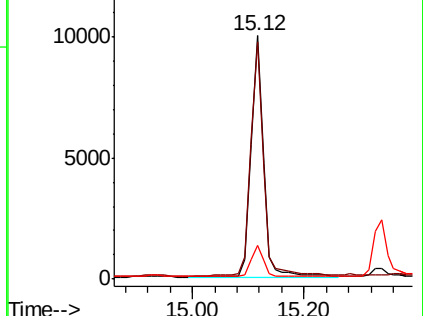
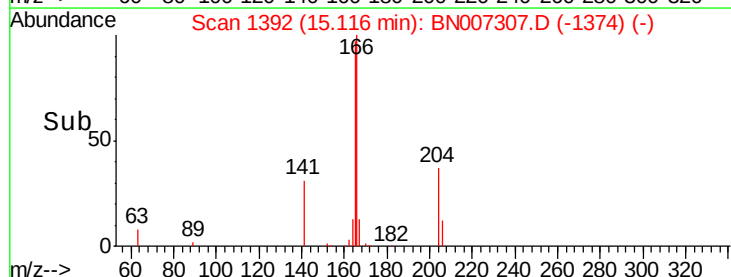
166 100

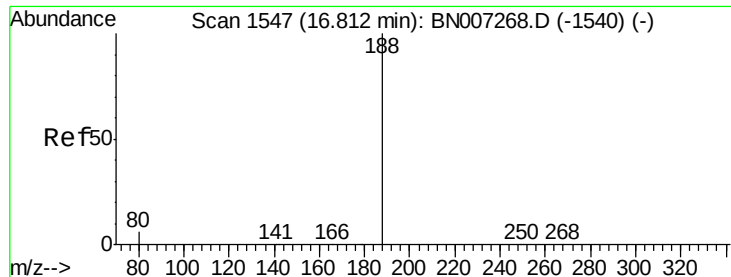
165 98.4 78.3 117.5

167 13.8 11.1 16.7



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: 16.80 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BN007307.D

Acq: 22 Aug 2019 01:23

Instrument :

BNA_N

ClientSampleId :

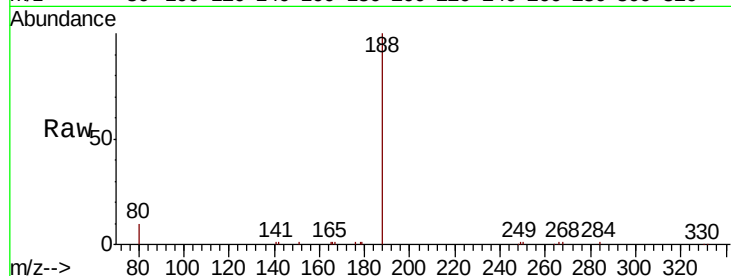
Tot Ion:188 Resp: 22885

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

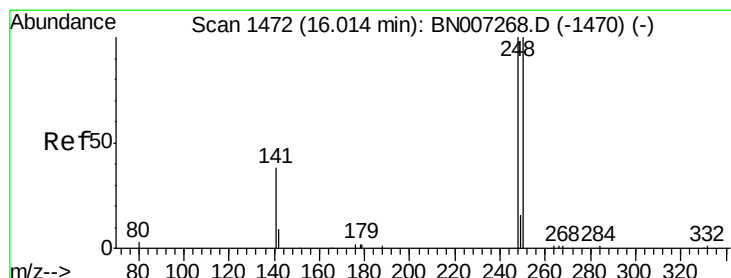
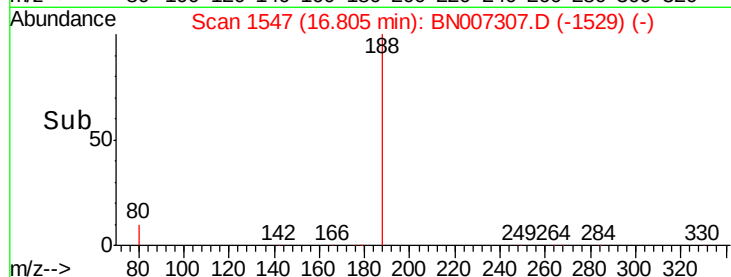
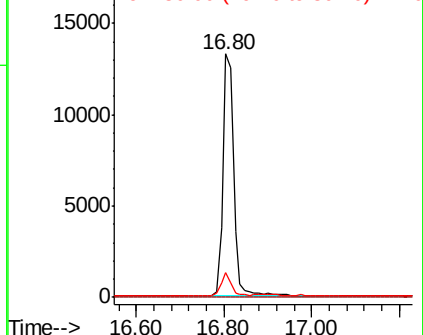
80 10.3 5.2 7.8#



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: 0.364 ng

RT: 16.02 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BN007307.D

Acq: 22 Aug 2019 01:23

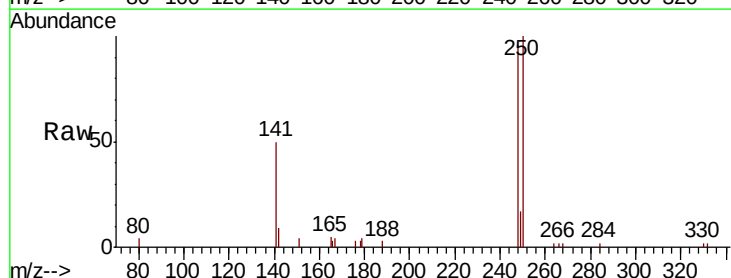
Tgt Ion:248 Resp: 4777

Ion Ratio Lower Upper

248 100

250 103.6 79.6 119.4

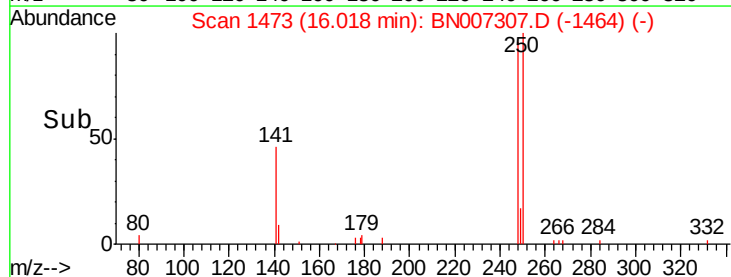
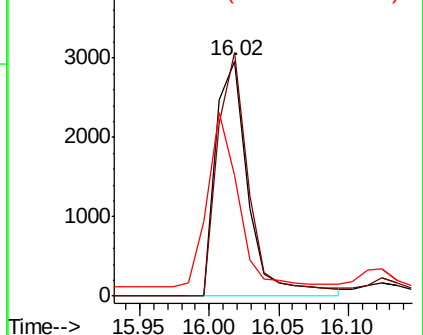
141 51.4 45.1 67.7

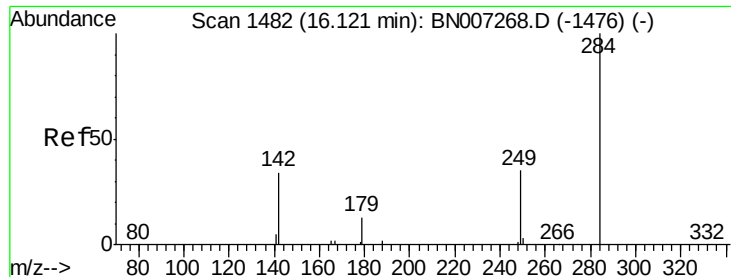


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

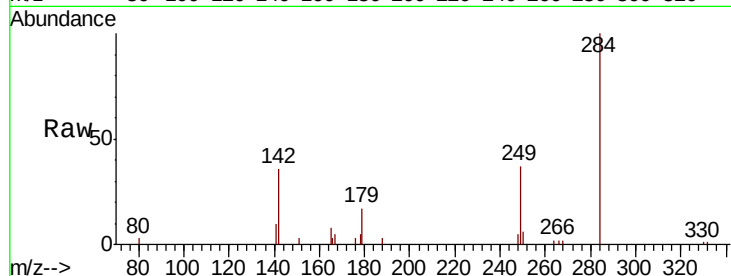




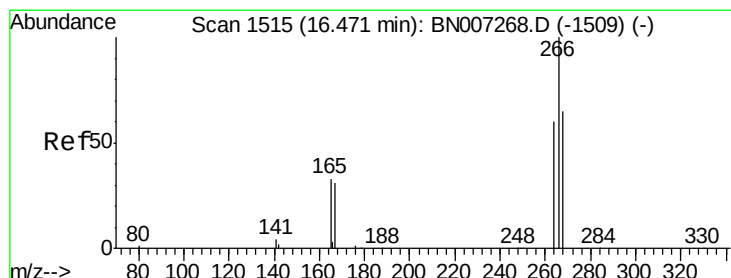
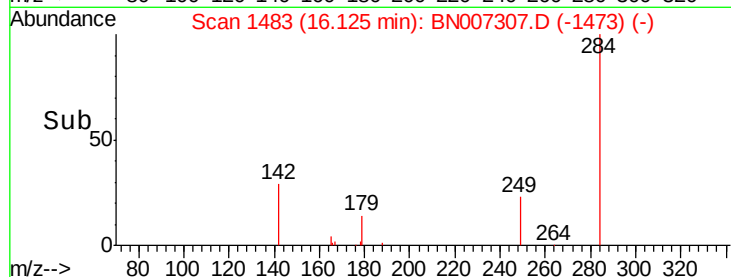
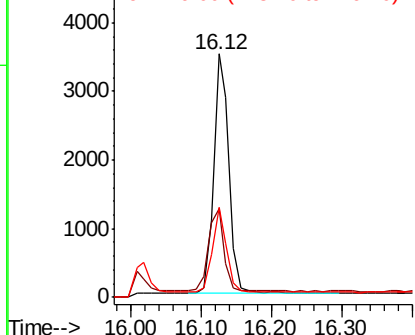
#21
Hexachlorobenzene
Concen: 0.353 ng
RT: 16.12 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BN007307.D
Acq: 22 Aug 2019 01:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 5354
Ion Ratio Lower Upper
284 100
142 35.1 29.5 44.3
249 32.8 26.2 39.4

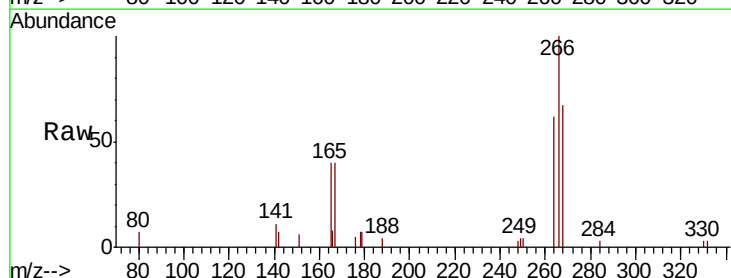


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

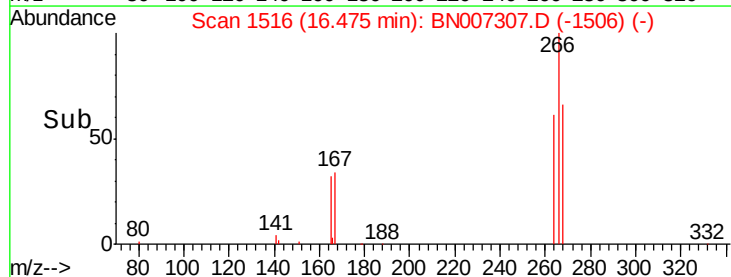
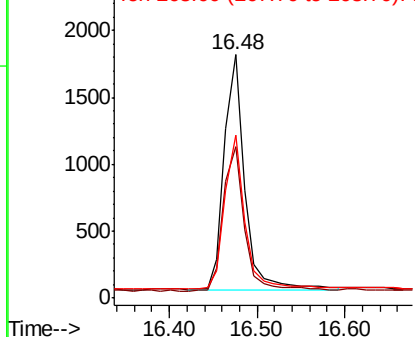


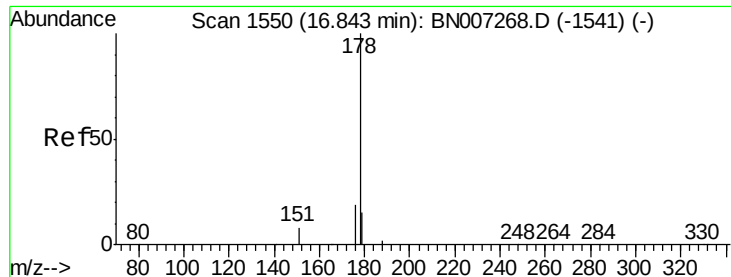
#22
Pentachlorophenol
Concen: 0.468 ng
RT: 16.48 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BN007307.D
Acq: 22 Aug 2019 01:23

Tgt Ion:266 Resp: 2849
Ion Ratio Lower Upper
266 100
264 62.4 48.7 73.1
268 67.1 53.5 80.3



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

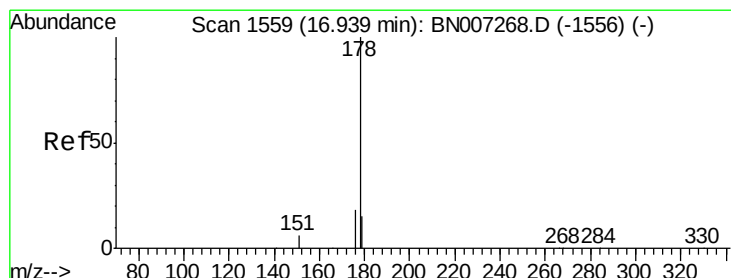
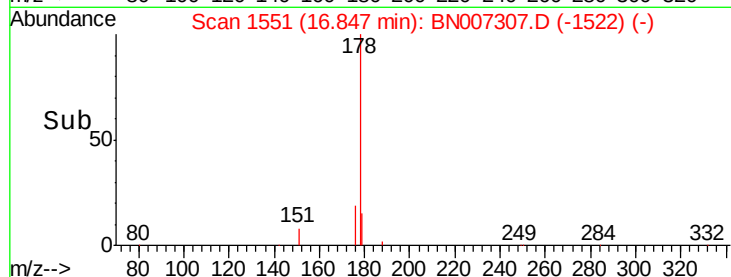
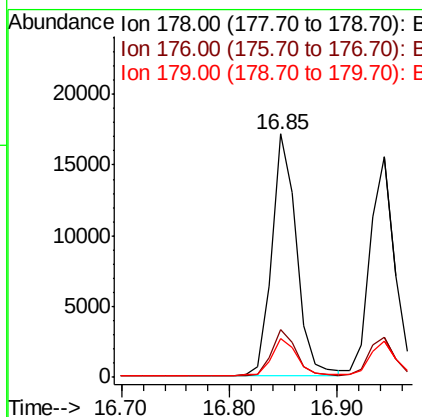
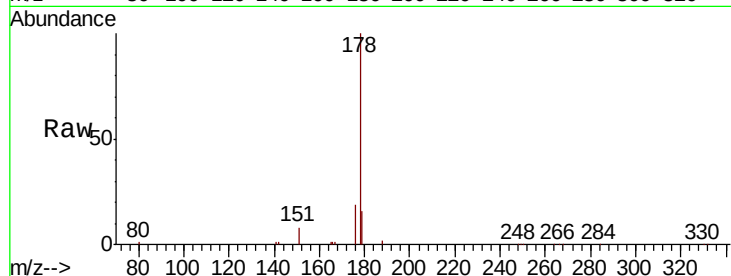




#23
Phenanthrene
Concen: 0.376 ng
RT: 16.85 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BN007307.D
Acq: 22 Aug 2019 01:23

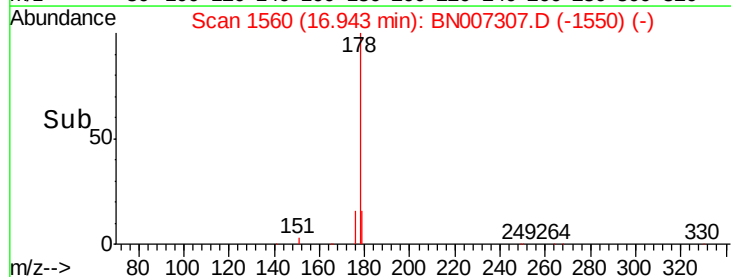
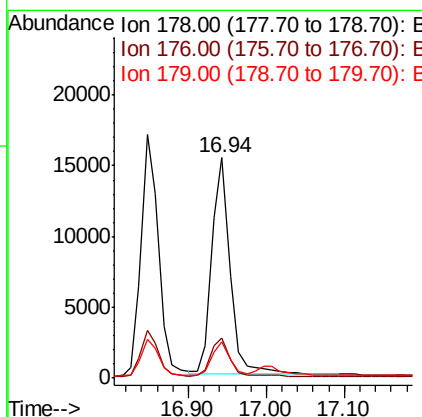
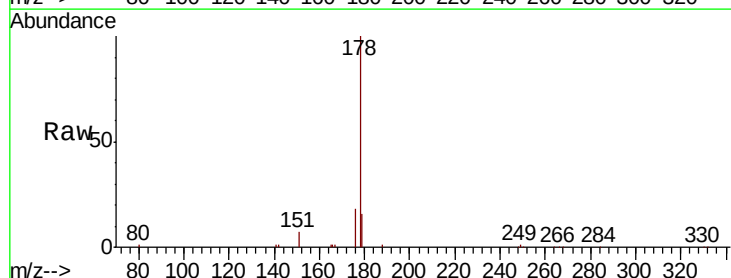
Instrument :
BNA_N
ClientSampleId :

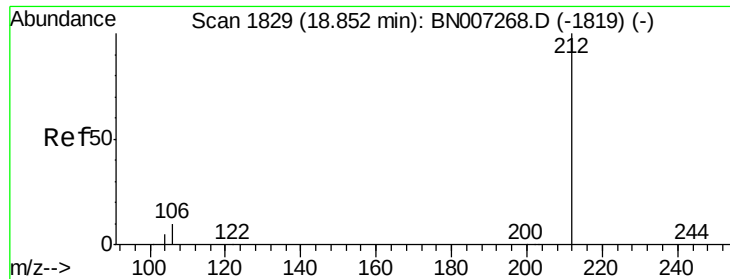
Tot Ion:178 Resp: 27005
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.8 12.3 18.5



#24
Anthracene
Concen: 0.388 ng
RT: 16.94 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BN007307.D
Acq: 22 Aug 2019 01:23

Tgt Ion:178 Resp: 25055
Ion Ratio Lower Upper
178 100
176 18.3 14.3 21.5
179 14.1 12.3 18.5





#25

Fluoranthene-d10

Concen: 0.370 ng

RT: 18.85 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BN007307.D

Acq: 22 Aug 2019 01:23

Instrument :

BNA_N

ClientSampleId :

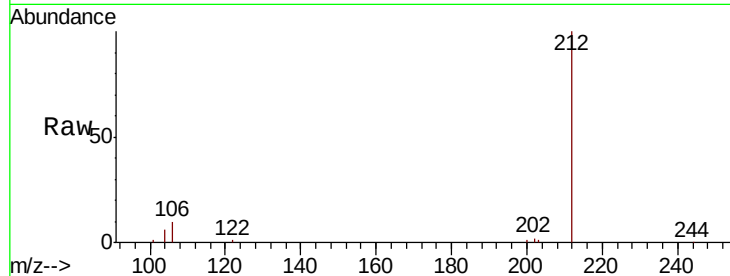
Tot Ion:212 Resp: 26870

Ion Ratio Lower Upper

212 100

106 10.2 8.2 12.4

104 5.6 4.7 7.1

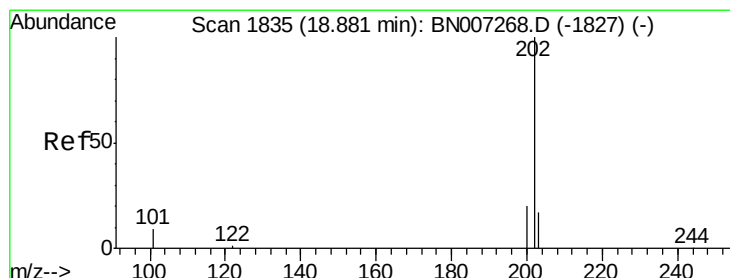
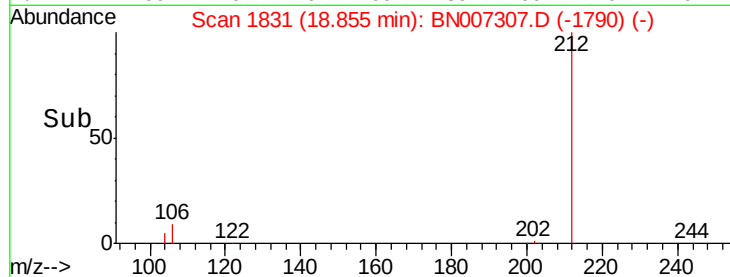
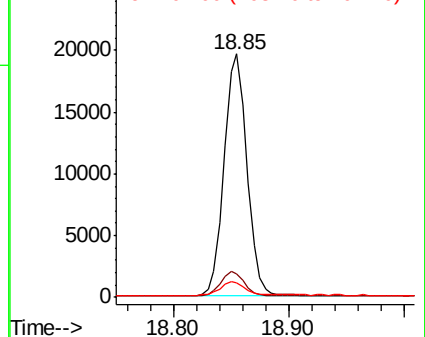


Abundance

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: 0.477 ng

RT: 18.88 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BN007307.D

Acq: 22 Aug 2019 01:23

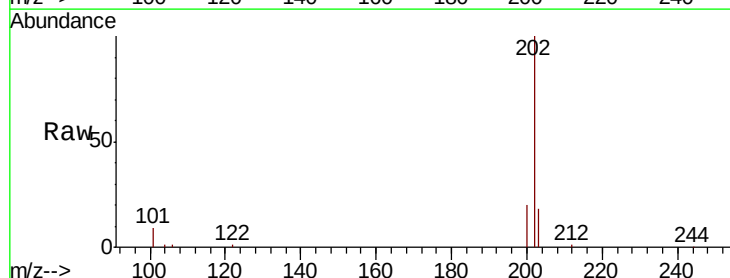
Tgt Ion:202 Resp: 41468

Ion Ratio Lower Upper

202 100

101 8.5 7.2 10.8

203 16.9 13.8 20.6

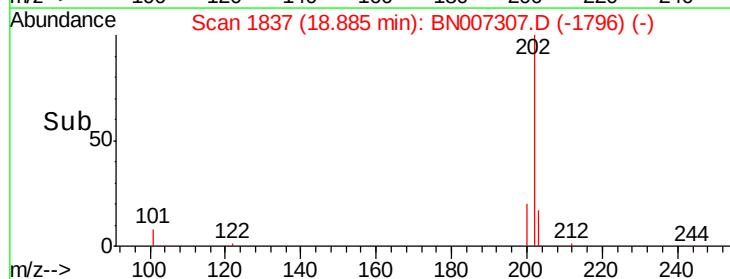
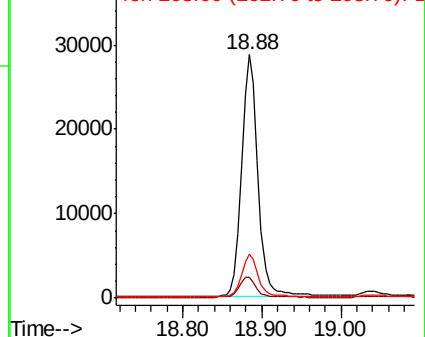


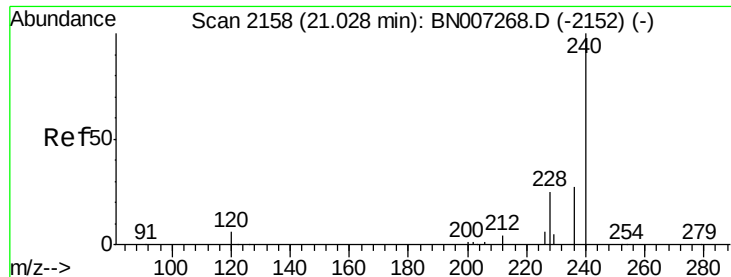
Abundance

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

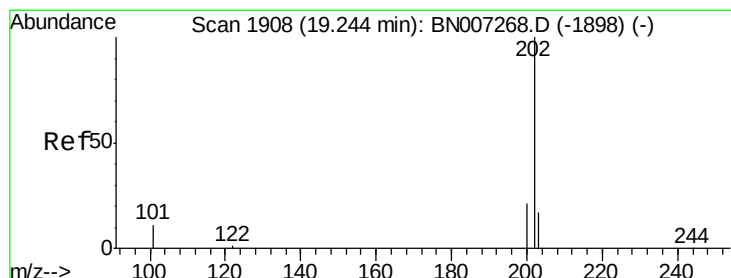
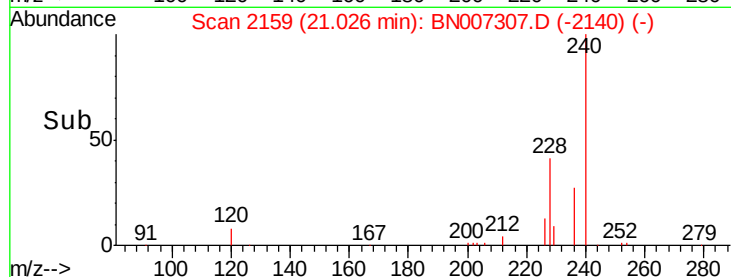
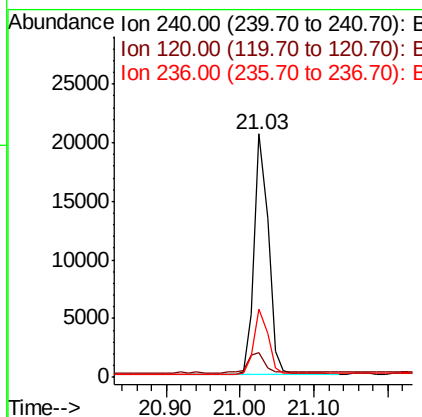
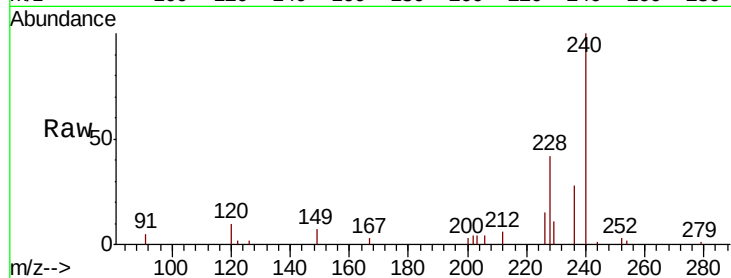




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BN007307.D
Acq: 22 Aug 2019 01:23

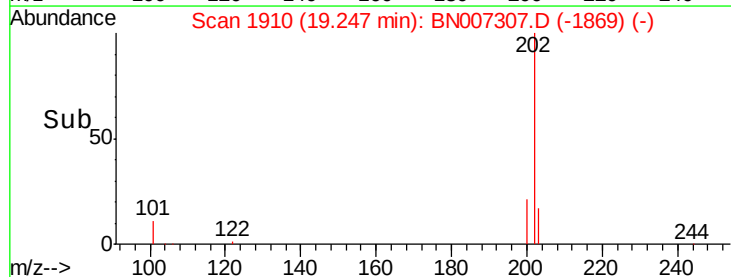
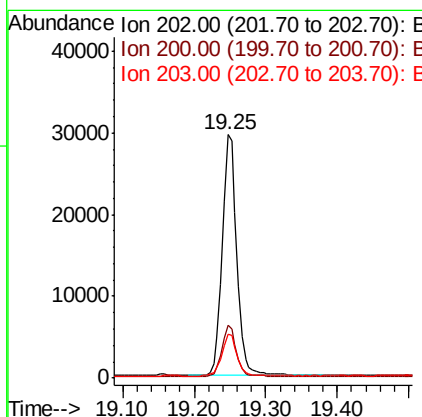
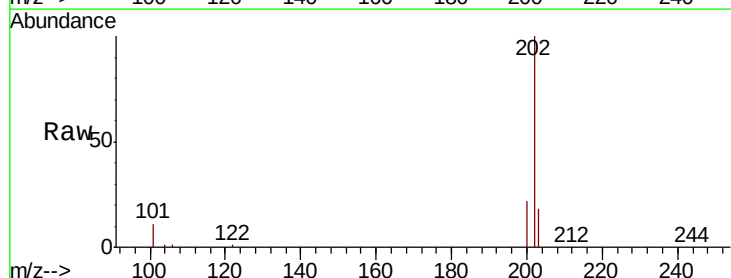
Instrument :
BNA_N
ClientSampleId :

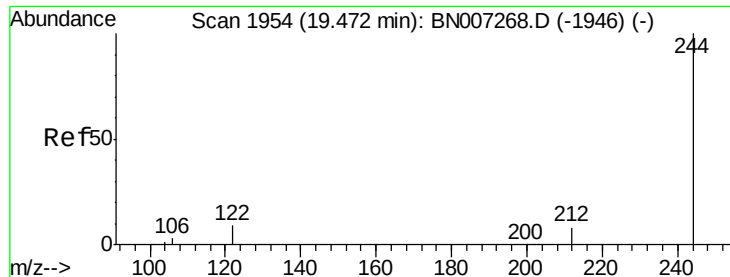
Tot Ion:240 Resp: 26928
Ion Ratio Lower Upper
240 100
120 10.1 5.6 8.4#
236 28.0 21.6 32.4



#28
Pyrene
Concen: 0.415 ng
RT: 19.25 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BN007307.D
Acq: 22 Aug 2019 01:23

Tgt Ion:202 Resp: 41750
Ion Ratio Lower Upper
202 100
200 20.2 16.7 25.1
203 18.3 13.9 20.9





#29

Terphenyl-d14

Concen: 0.313 ng

RT: 19.48 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BN007307.D

Acq: 22 Aug 2019 01:23

Instrument :

BNA_N

ClientSampleId :

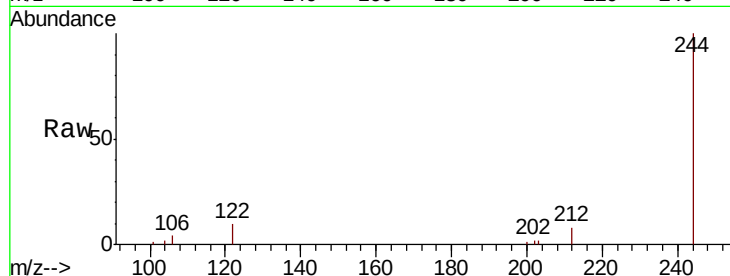
Tot Ion:244 Resp: 21085

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

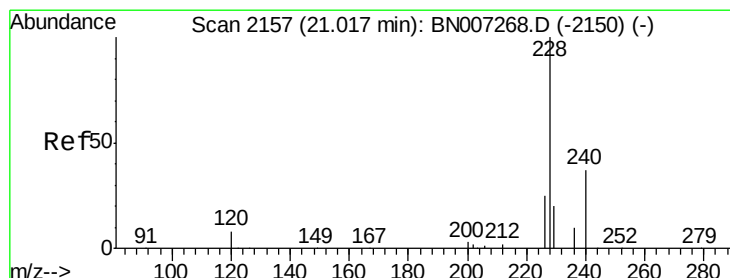
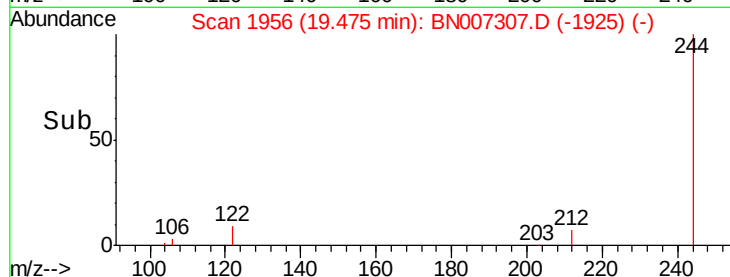
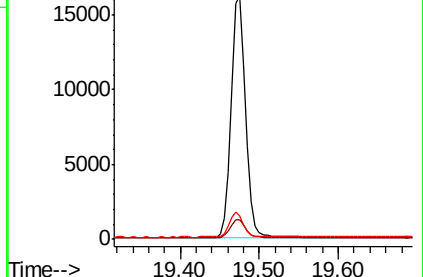
122 9.6 7.9 11.9



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: 0.384 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007307.D

Acq: 22 Aug 2019 01:23

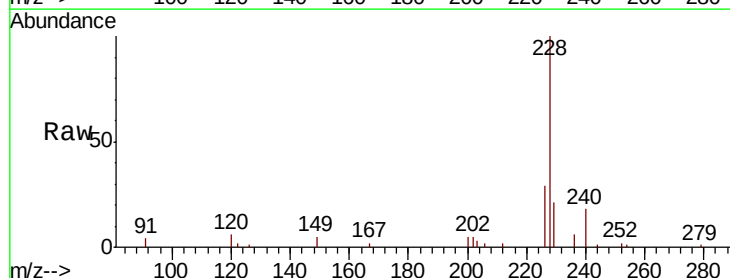
Tgt Ion:228 Resp: 38462

Ion Ratio Lower Upper

228 100

226 28.6 20.6 30.8

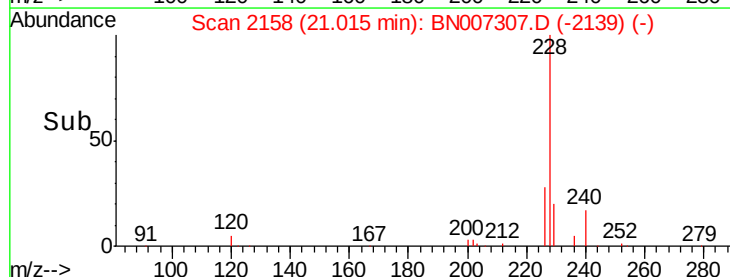
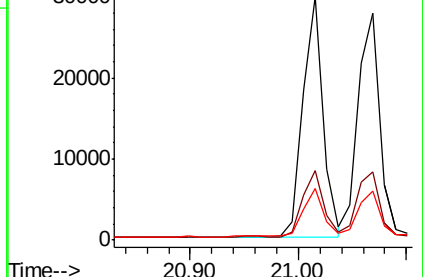
229 21.0 16.9 25.3

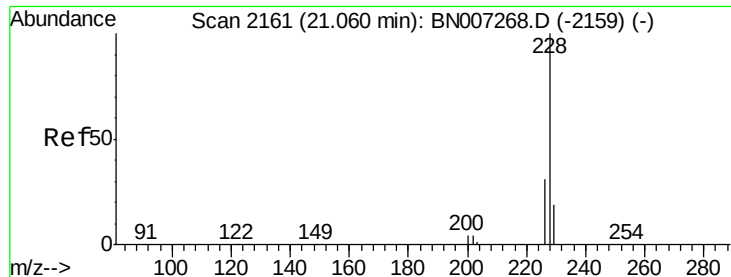


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.375 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.01 min

Lab File: BN007307.D

Acq: 22 Aug 2019 01:23

Instrument :

BNA_N

ClientSampleId :

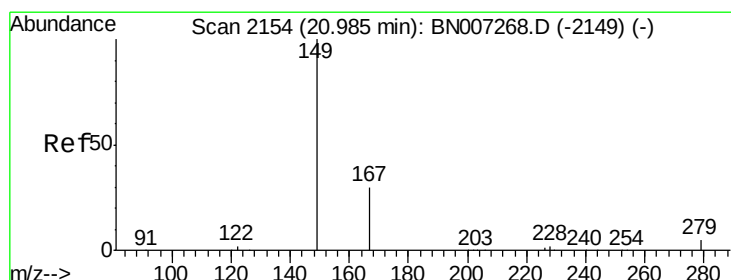
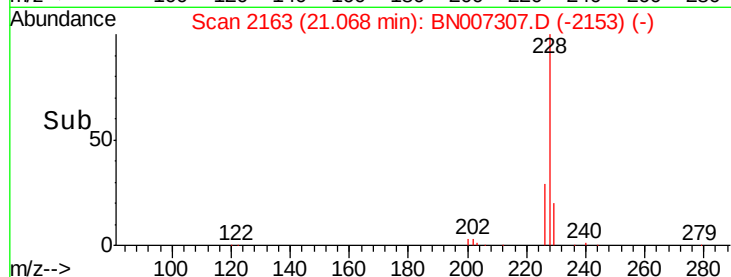
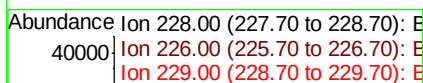
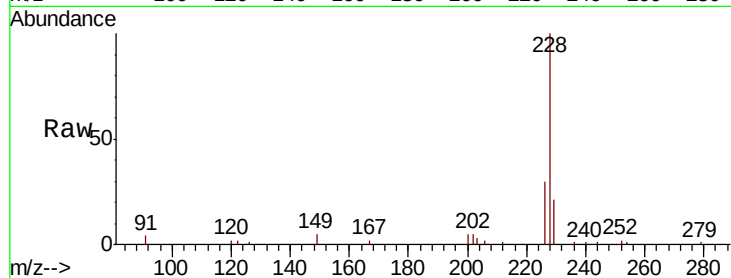
Tot Ion:228 Resp: 38299

Ion Ratio Lower Upper

228 100

226 29.9 24.6 36.8

229 21.4 15.6 23.4



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.509 ng

RT: 20.98 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BN007307.D

Acq: 22 Aug 2019 01:23

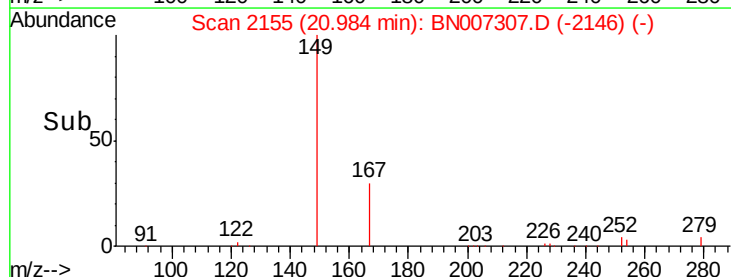
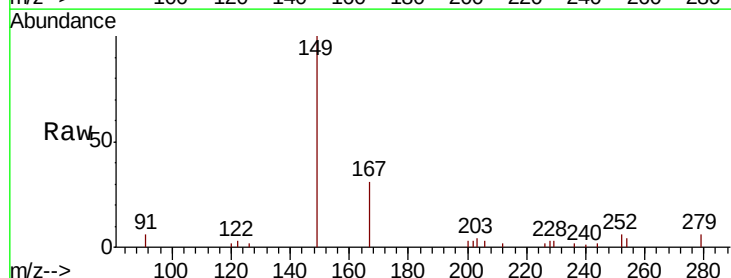
Tgt Ion:149 Resp: 20360

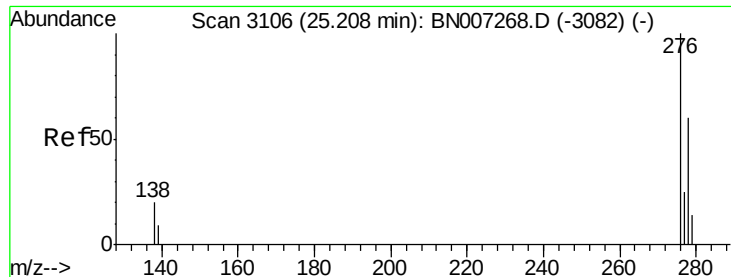
Ion Ratio Lower Upper

149 100

167 30.3 23.8 35.6

279 5.0 3.8 5.8

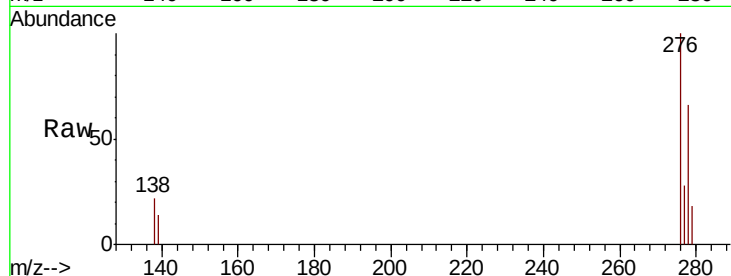




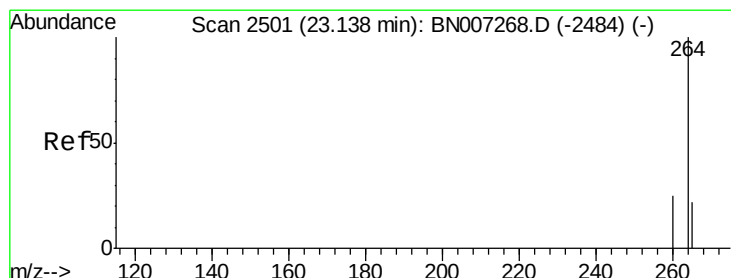
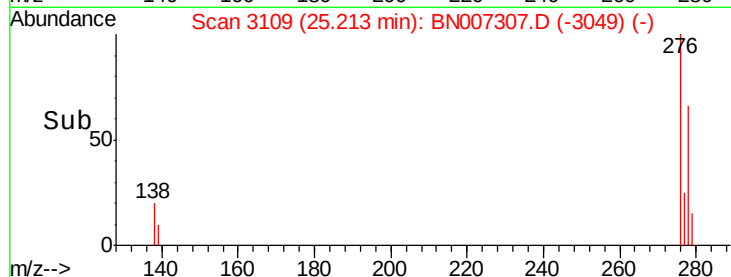
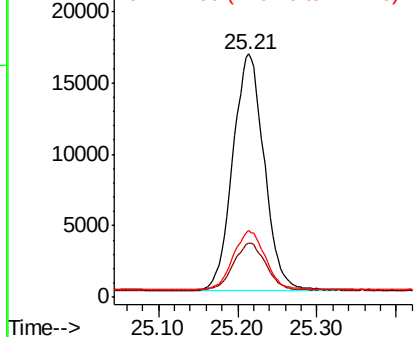
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.370 ng
 RT: 25.21 min Scan# 3109
 Delta R.T. 0.00 min
 Lab File: BN007307.D
 Acq: 22 Aug 2019 01:23

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 45503
 Ion Ratio Lower Upper
 276 100
 138 20.6 17.1 25.7
 277 25.0 20.1 30.1

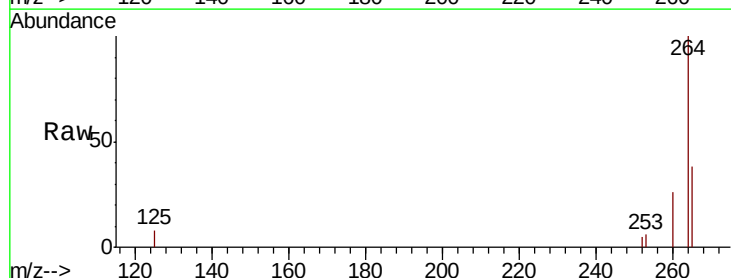


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

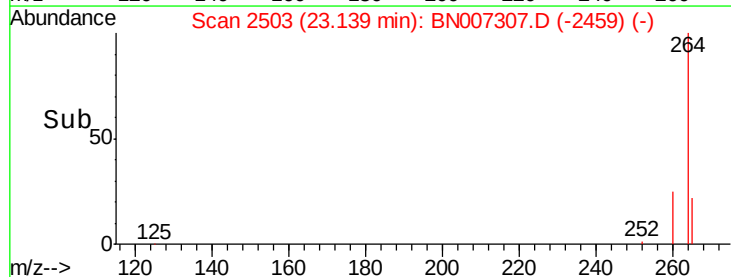
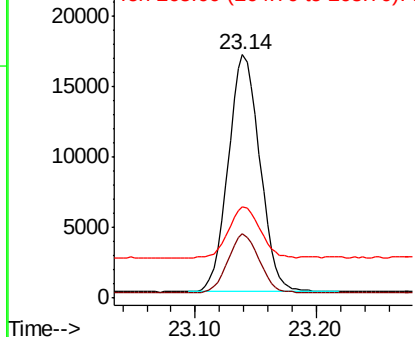


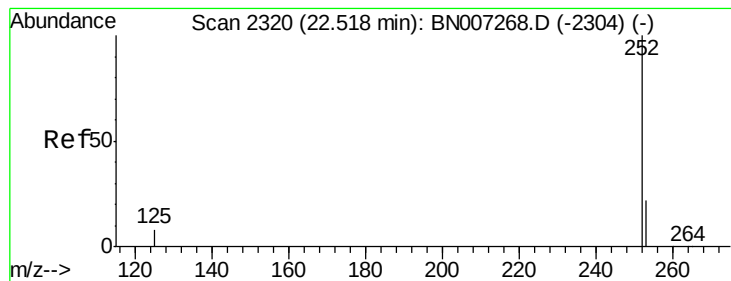
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.14 min Scan# 2503
 Delta R.T. 0.00 min
 Lab File: BN007307.D
 Acq: 22 Aug 2019 01:23

Tgt Ion:264 Resp: 30573
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.1 30.1
 265 37.6 29.0 43.6



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: 0.345 ng

RT: 22.52 min Scan# 2322

Delta R.T. 0.00 min

Lab File: BN007307.D

Acq: 22 Aug 2019 01:23

Instrument :

BNA_N

ClientSampleId :

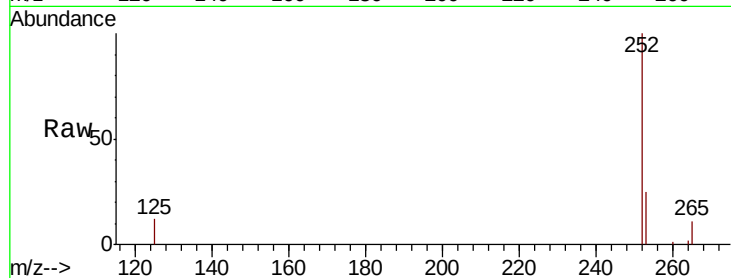
Tot Ion:252 Resp: 39277

Ion Ratio Lower Upper

252 100

253 25.0 18.5 27.7

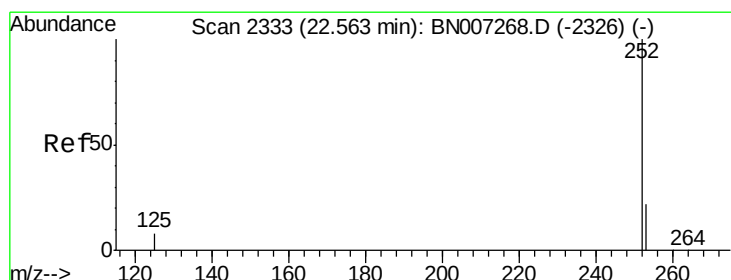
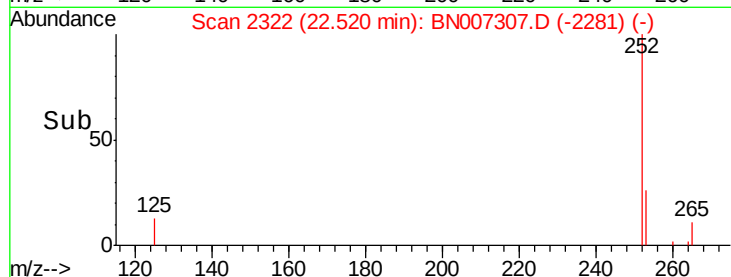
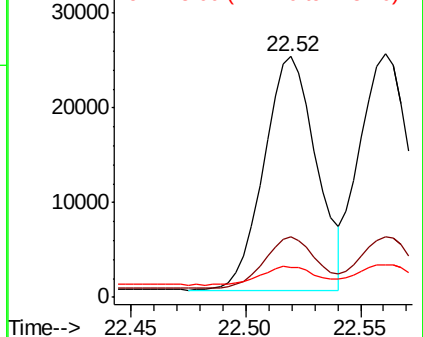
125 12.5 7.8 11.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.342 ng

RT: 22.56 min Scan# 2334

Delta R.T. -0.00 min

Lab File: BN007307.D

Acq: 22 Aug 2019 01:23

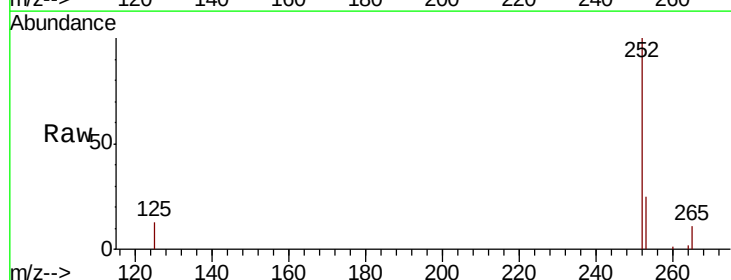
Tgt Ion:252 Resp: 38181

Ion Ratio Lower Upper

252 100

253 24.8 18.4 27.6

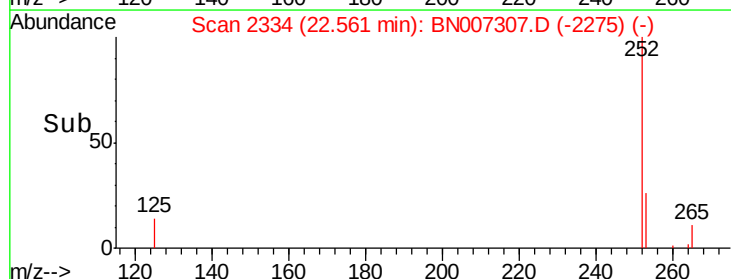
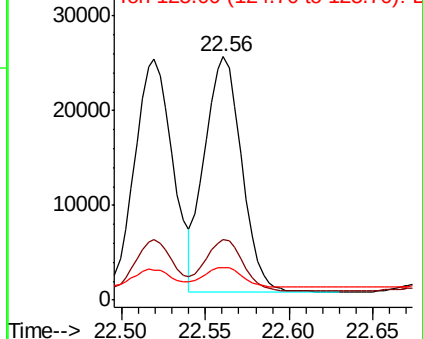
125 13.4 8.0 12.0#

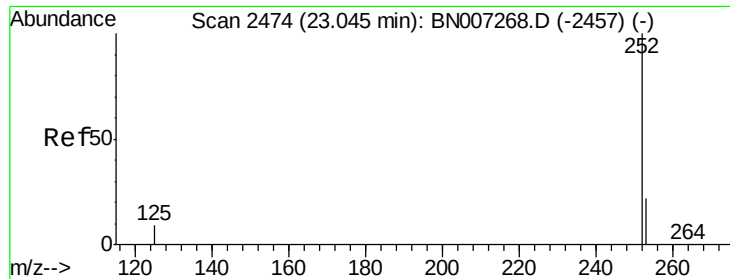


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.380 ng

RT: 23.05 min Scan# 2477

Delta R.T. 0.01 min

Lab File: BN007307.D

Acq: 22 Aug 2019 01:23

Instrument :

BNA_N

ClientSampleId :

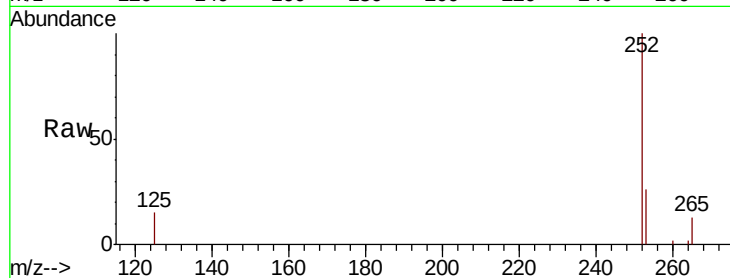
Tot Ion:252 Resp: 38988

Ion Ratio Lower Upper

252 100

253 25.7 18.7 28.1

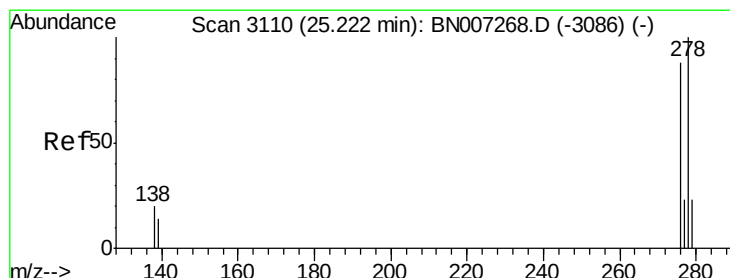
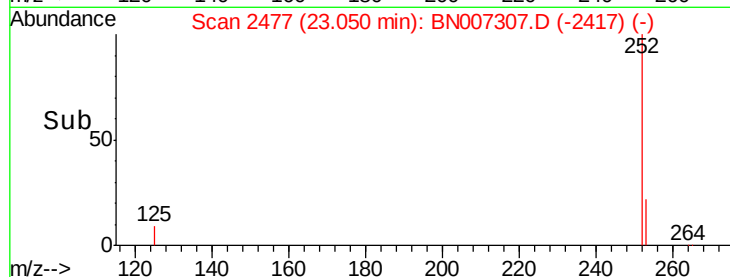
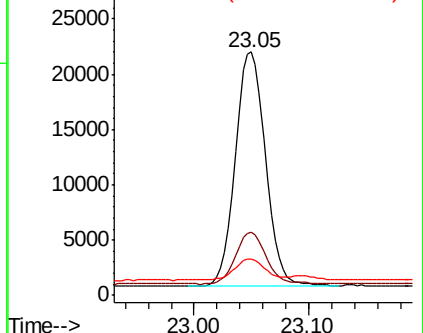
125 14.9 8.7 13.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.346 ng

RT: 25.23 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN007307.D

Acq: 22 Aug 2019 01:23

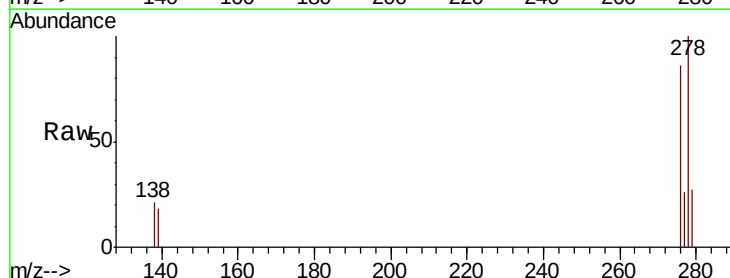
Tgt Ion:278 Resp: 37338

Ion Ratio Lower Upper

278 100

139 17.8 11.8 17.8#

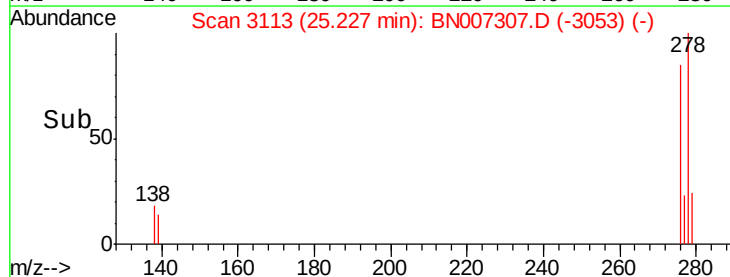
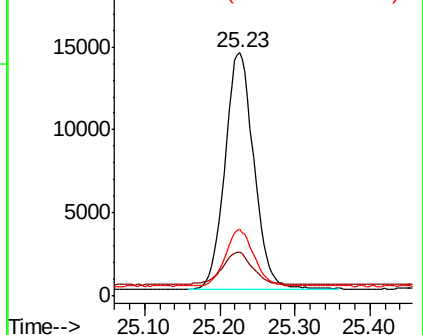
279 27.3 19.8 29.6

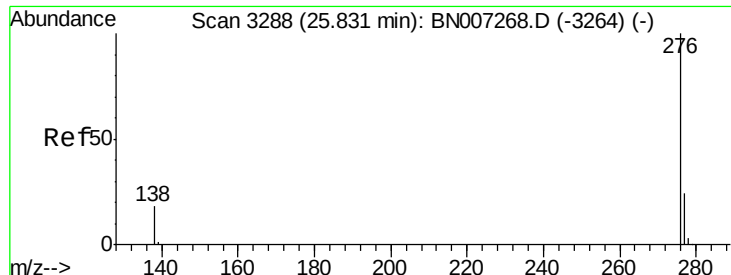


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.358 ng

RT: 25.84 min Scan# 3292

Delta R.T. 0.01 min

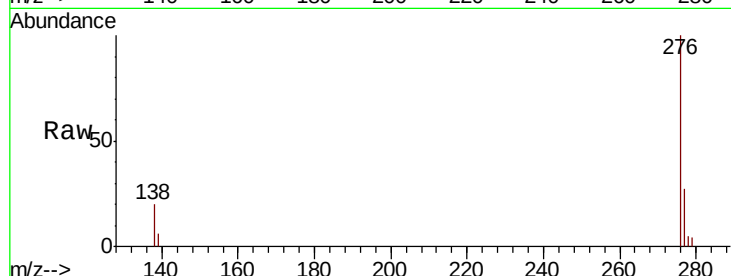
Lab File: BN007307.D

Acq: 22 Aug 2019 01:23

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 39005

Ion Ratio Lower Upper

276 100

277 26.5 19.5 29.3

138 20.1 15.3 22.9

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

