

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
 Data File : BN007092.D
 Acq On : 12 Aug 2019 11:41
 Operator : HP/JU
 Sample : PB122090BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 13 04:13:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 10 21:44:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	7669	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	28124	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	15066	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	36262	0.40	ng	0.00
26) Chrysene-d12	21.05	240	35838	0.40	ng	-0.01
32) Perylene-d12	23.15	264	33935	0.40	ng	-0.02

System Monitoring Compounds						
3) 2-Fluorophenol	5.06	112	5706	0.31	ng	0.00
4) Phenol-d6	6.61	99	7374	0.32	ng	0.00
7) Nitrobenzene-d5	8.56	82	5904	0.26	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	19945	0.38	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	1502	0.19	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	4211	0.19	ng	0.00
24) Fluoranthene-d10	18.87	212	36923	0.29	ng	0.00
28) Terphenyl-d14	19.49	244	29697	0.30	ng	-0.01

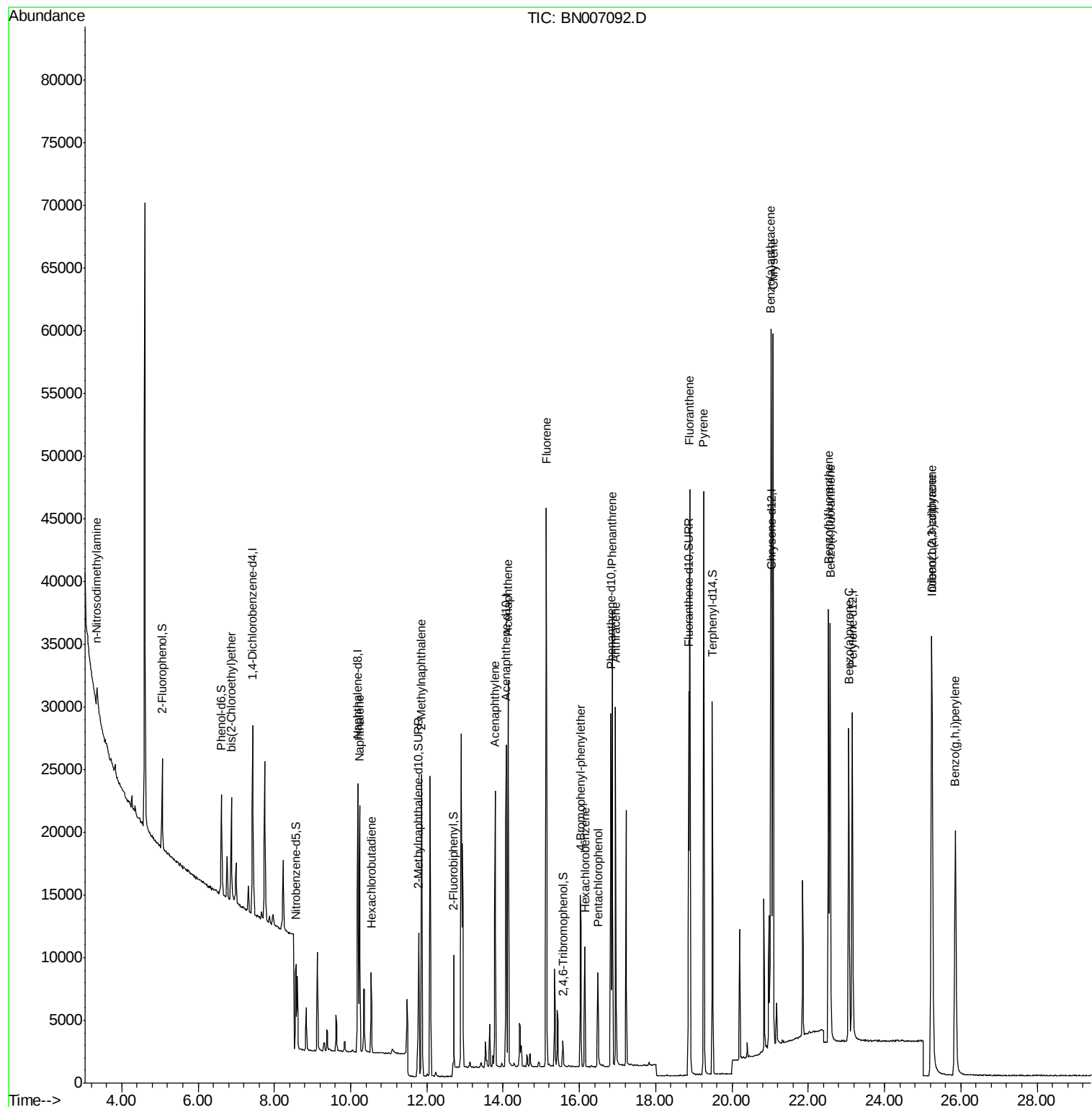
Target Compounds				Qvalue		
2) n-Nitrosodimethylamine	3.35	42	1460	0.289	ng	# 80
5) bis(2-Chloroethyl)ether	6.87	93	6835	0.339	ng	99
8) Naphthalene	10.24	128	25336	0.321	ng	98
9) Hexachlorobutadiene	10.54	225	5172	0.308	ng	# 100
11) 2-Methylnaphthalene	11.86	142	17736	0.317	ng	97
15) Acenaphthylene	13.79	152	23939	0.304	ng	100
16) Acenaphthene	14.13	154	15942	0.316	ng	99
17) Fluorene	15.13	166	20529	0.272	ng	99
19) 4-Bromophenyl-phenylether	16.03	248	7439	0.332	ng	# 83
20) Hexachlorobenzene	16.14	284	7607	0.353	ng	100
21) Pentachlorophenol	16.48	266	3990	0.496	ng	96
22) Phenanthrene	16.87	178	36556	0.336	ng	100
23) Anthracene	16.95	178	31216	0.314	ng	100
25) Fluoranthene	18.90	202	43218	0.311	ng	100
27) Pyrene	19.26	202	42921	0.342	ng	100
29) Benzo(a)anthracene	21.02	228	39922	0.305	ng	100
30) Chrysene	21.08	228	46133	0.362	ng	100
31) Indeno(1,2,3-cd)pyrene	25.23	276	46001	0.328	ng	100
33) Benzo(b)fluoranthene	22.53	252	42863	0.368	ng	99
34) Benzo(k)fluoranthene	22.58	252	42444	0.369	ng	99
35) Benzo(a)pyrene	23.07	252	36600	0.347	ng	100
36) Dibenzo(a,h)anthracene	25.25	278	38201	0.363	ng	99
37) Benzo(g,h,i)perylene	25.86	276	40935	0.378	ng	98

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

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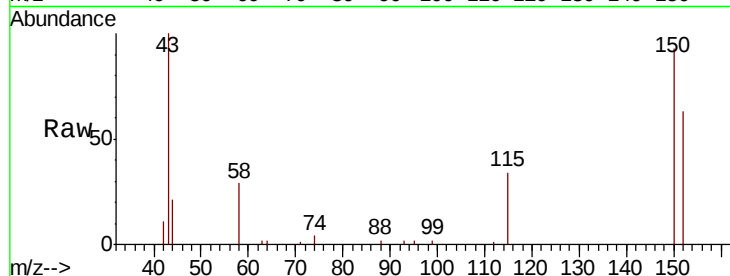


#1

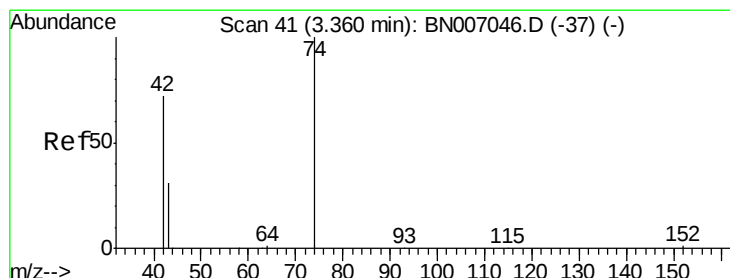
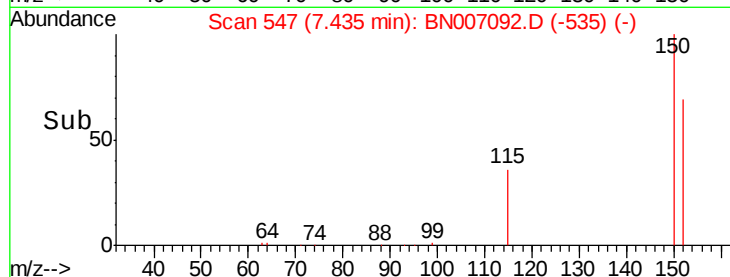
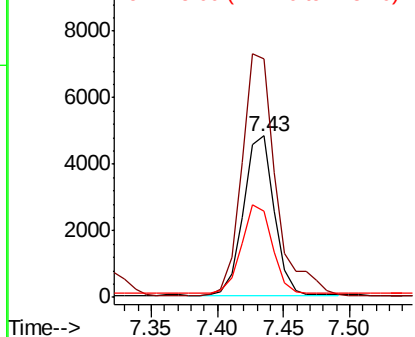
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 7669
Ion Ratio Lower Upper
152 100
150 147.9 121.7 182.5
115 53.7 46.2 69.4



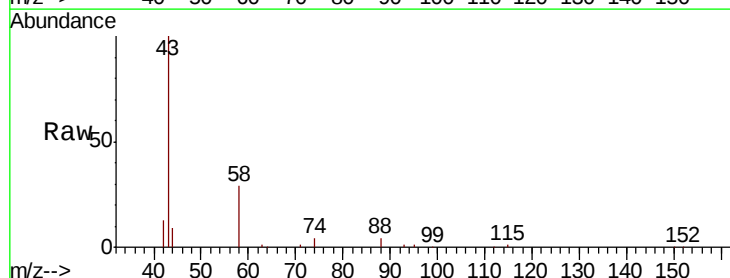
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



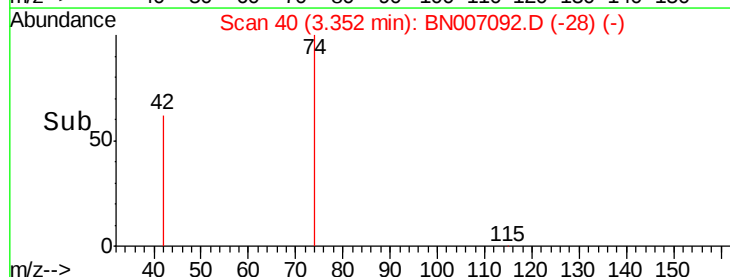
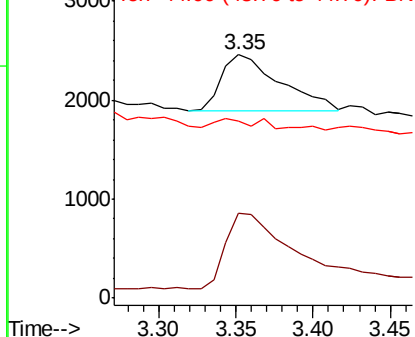
#2

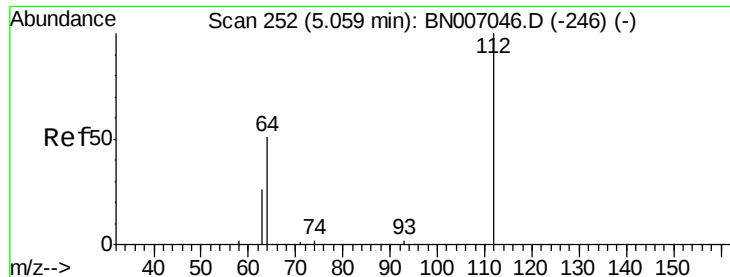
n-Nitrosodimethylamine
Concen: 0.289 ng
RT: 3.35 min Scan# 40
Delta R.T. -0.01 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Tgt Ion: 42 Resp: 1460
Ion Ratio Lower Upper
42 100
74 162.5 110.6 166.0
44 18.6 0.0 0.0#



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





#3

2-Fluorophenol

Concen: 0.310 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007092.D

Acq: 12 Aug 2019 11:41

Instrument :

BNA_N

ClientSampled :

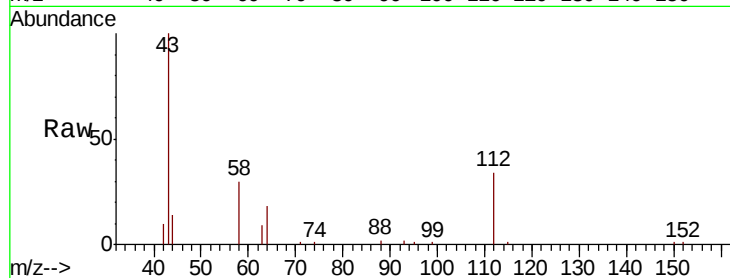
Tot Ion:112 Resp: 5706

Ion Ratio Lower Upper

112 100

64 54.2 42.6 63.8

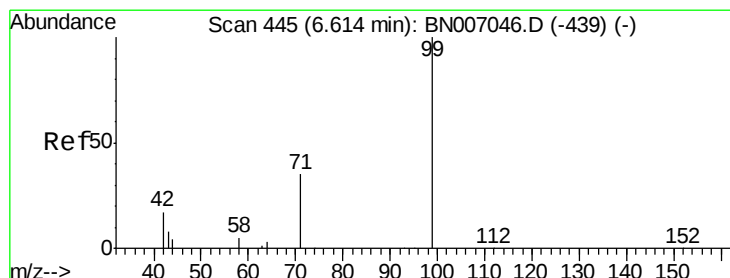
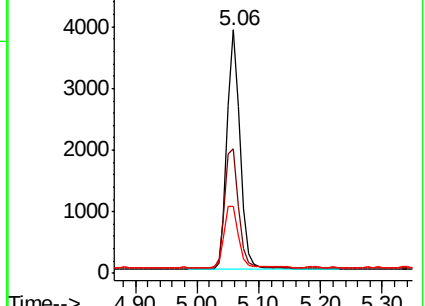
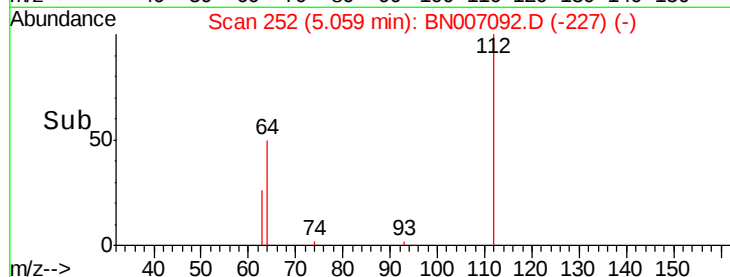
63 28.2 22.2 33.2



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



#4

Phenol-d6

Concen: 0.323 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007092.D

Acq: 12 Aug 2019 11:41

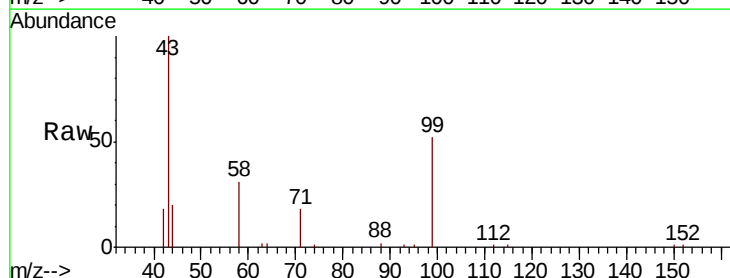
Tgt Ion: 99 Resp: 7374

Ion Ratio Lower Upper

99 100

42 21.6 15.8 23.6

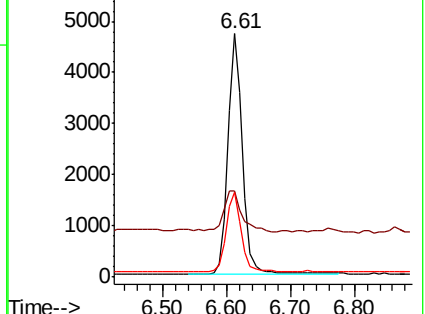
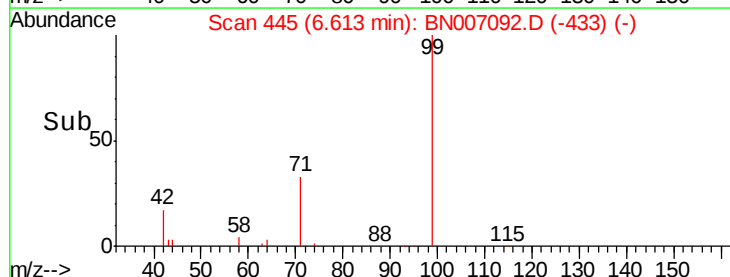
71 33.6 27.0 40.4

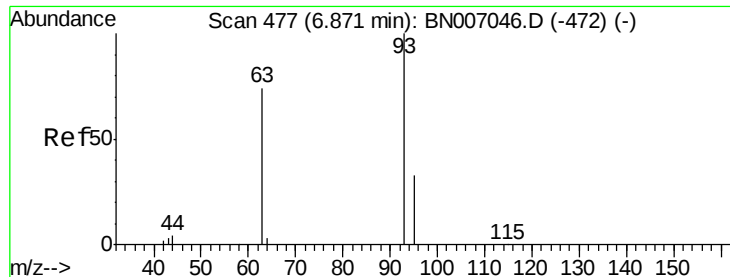


Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



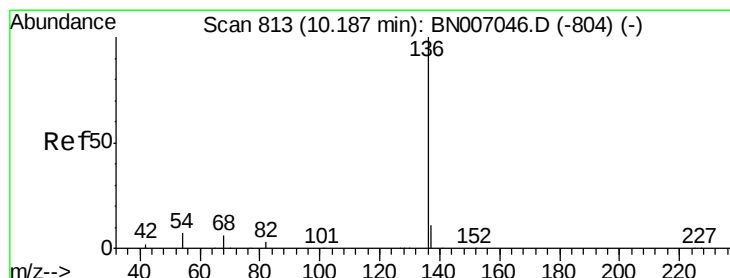
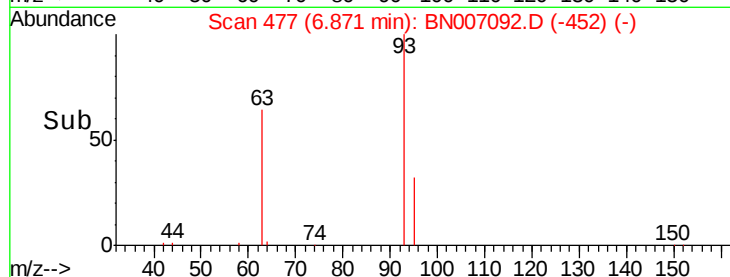
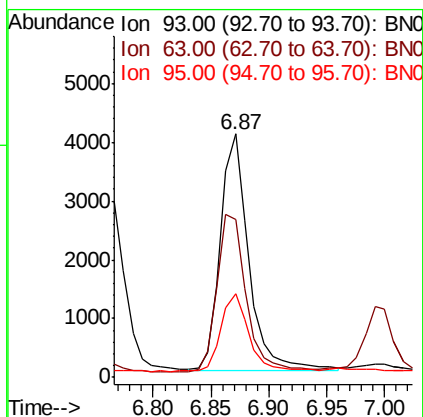
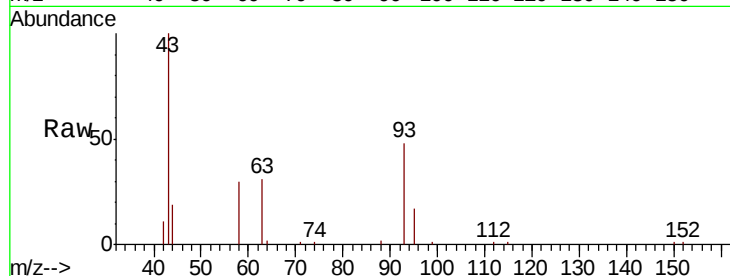


#5

bis(2-Chloroethyl)ether
 Concen: 0.339 ng
 RT: 6.87 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BN007092.D
 Acq: 12 Aug 2019 11:41

Instrument :
 BNA_N
 ClientSampleId :

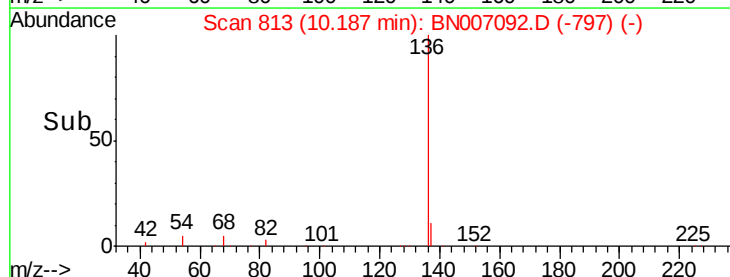
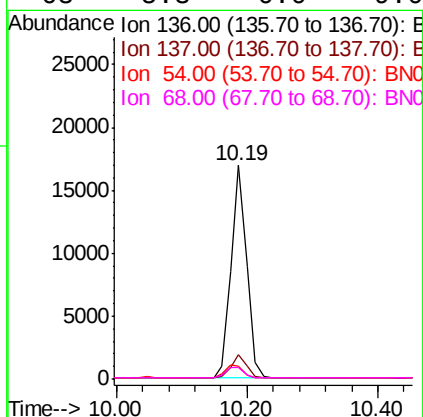
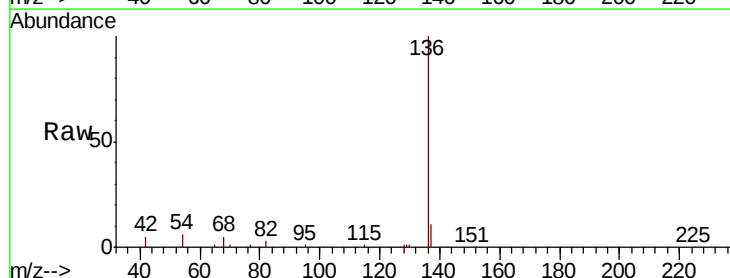
Tot Ion:	93	Resp:	6835
Ion	Ratio	Lower	Upper
93	100		
63	69.0	55.6	83.4
95	32.4	26.7	40.1

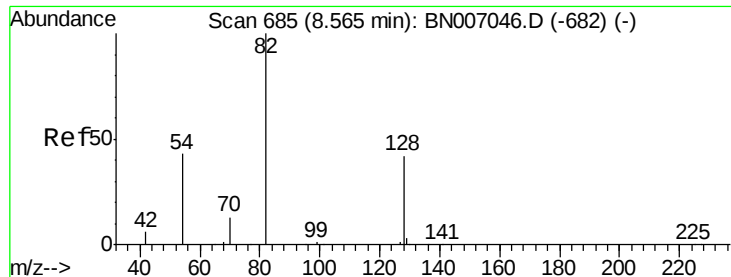


#6

Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.19 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BN007092.D
 Acq: 12 Aug 2019 11:41

Tgt Ion:	136	Resp:	28124
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	6.0	6.6	9.8#
68	5.3	6.0	9.0#





#7

Nitrobenzene-d5

Concen: 0.260 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007092.D

Acq: 12 Aug 2019 11:41

Instrument :

BNA_N

ClientSampleId :

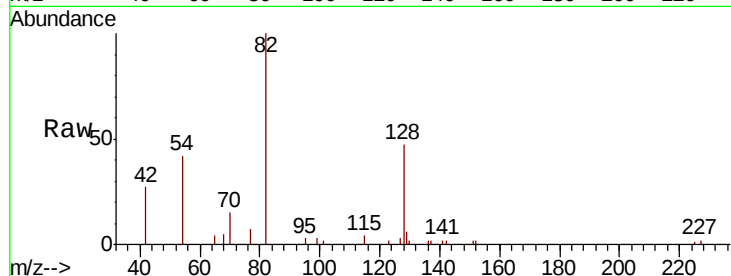
Tot Ion: 82 Resp: 5904

Ion Ratio Lower Upper

82 100

128 47.2 34.6 51.8

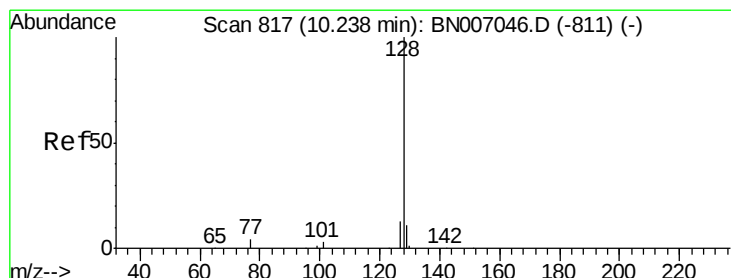
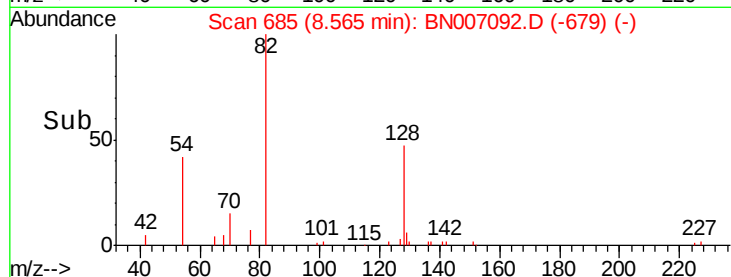
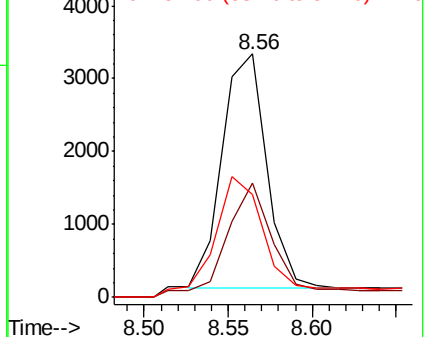
54 42.5 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#8

Naphthalene

Concen: 0.321 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007092.D

Acq: 12 Aug 2019 11:41

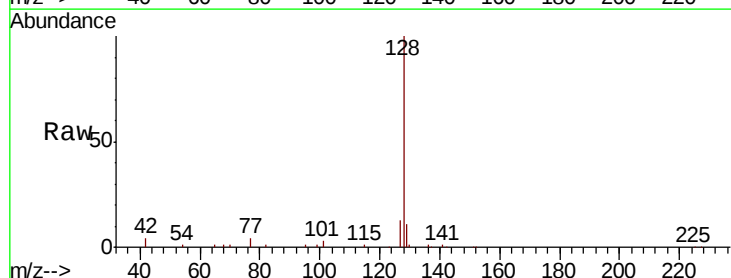
Tgt Ion: 128 Resp: 25336

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

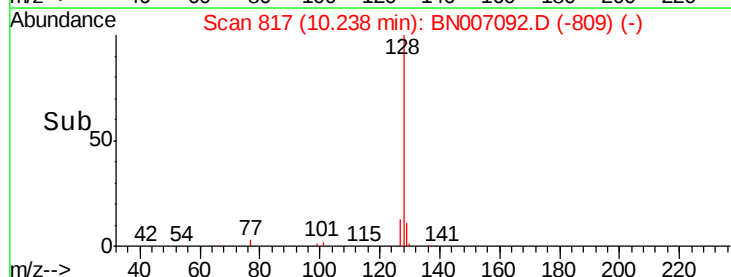
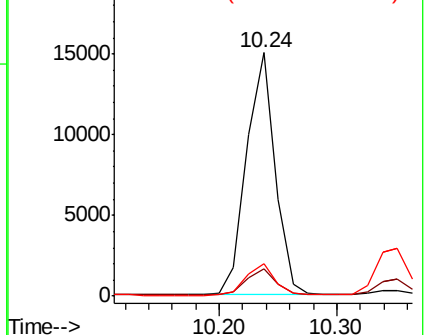
127 13.1 11.0 16.6

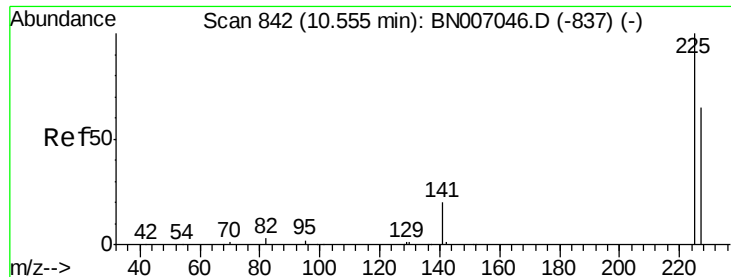


Abundance Ion 128.00 (127.70 to 128.70): BNC

Ion 129.00 (128.70 to 129.70): BNC

Ion 127.00 (126.70 to 127.70): BNC





#9

Hexachlorobutadiene

Concen: 0.308 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007092.D

Acq: 12 Aug 2019 11:41

Instrument :

BNA_N

ClientSampleId :

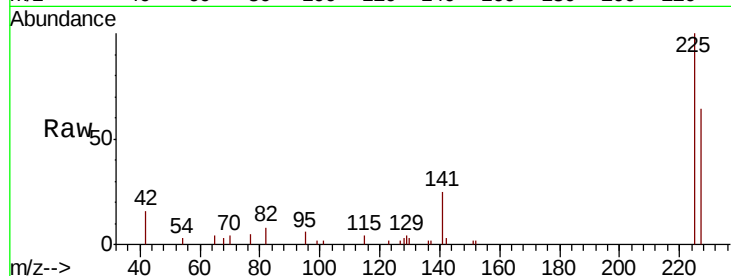
Tot Ion:225 Resp: 5172

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

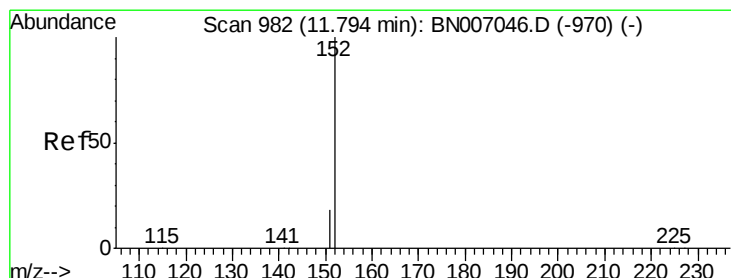
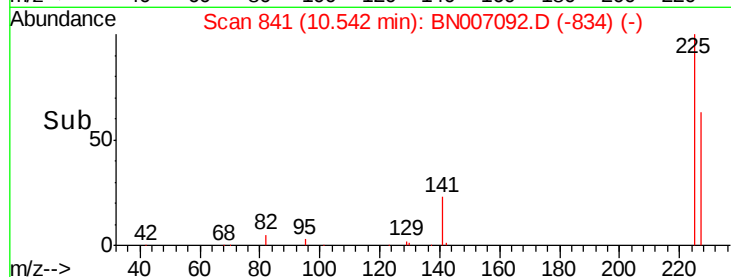
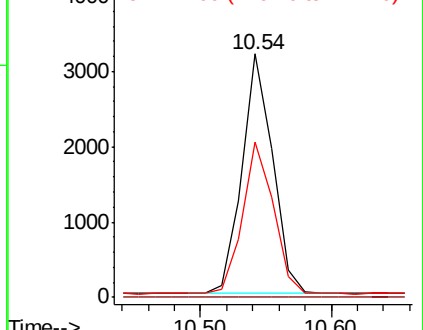
227 63.6 51.1 76.7



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



#10

2-Methylnaphthalene-d10

Concen: 0.380 ng

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007092.D

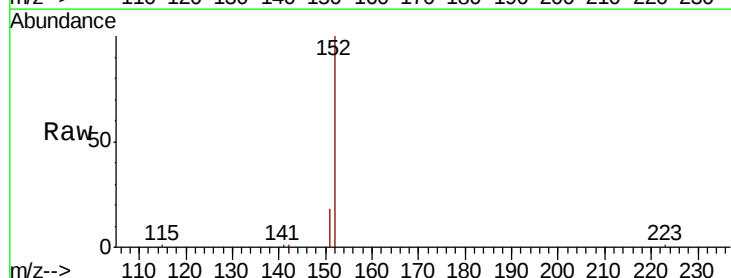
Acq: 12 Aug 2019 11:41

Tgt Ion:152 Resp: 19945

Ion Ratio Lower Upper

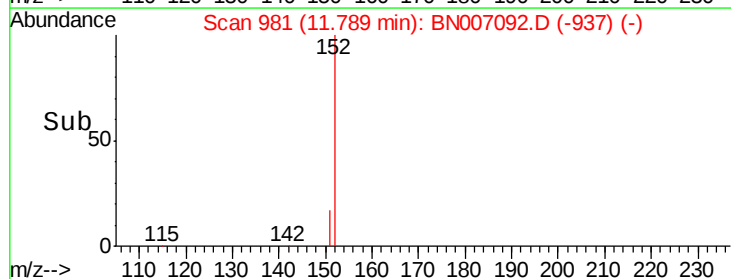
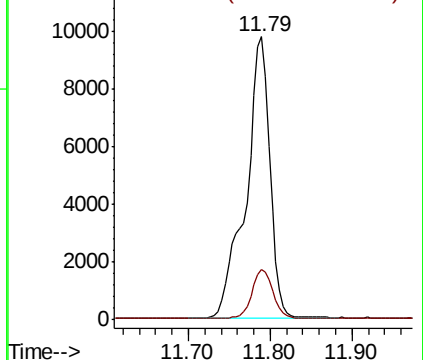
152 100

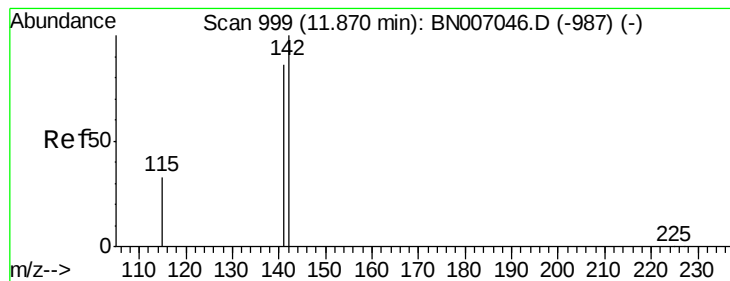
151 15.2 15.5 23.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

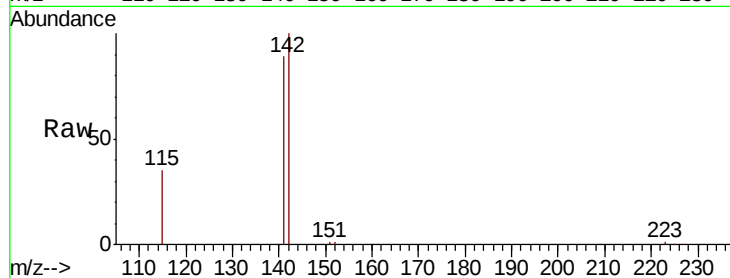




#11
2-Methylnaphthalene
Concen: 0.317 ng
RT: 11.86 min Scan# 997
Delta R.T. -0.01 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	69.0	103.6
115	35.5	27.1	40.7

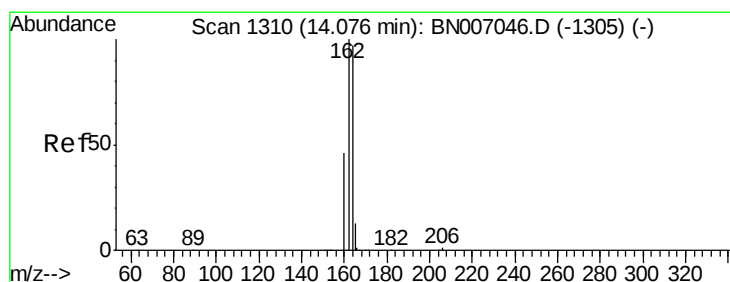
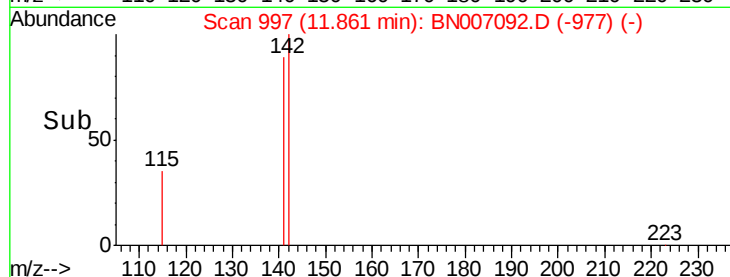
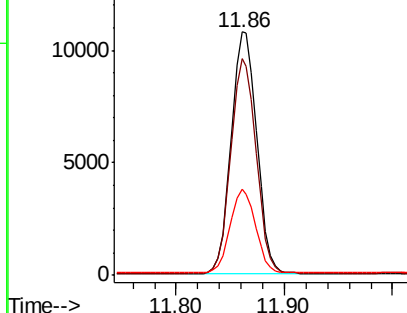


Abundance

Ion 142.00 (141.70 to 142.70): E

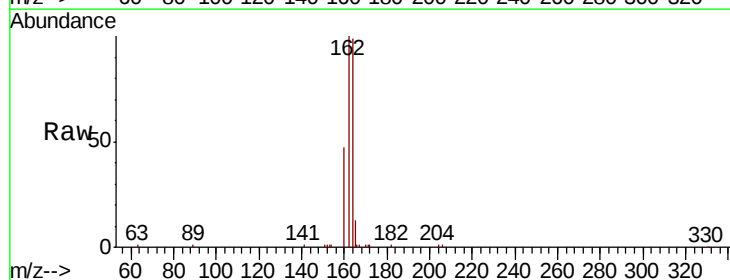
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.2	123.4
160	47.0	38.3	57.5

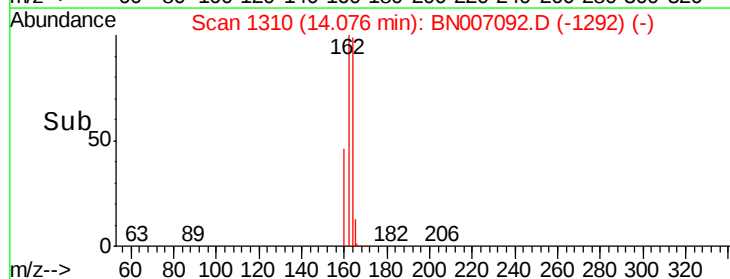
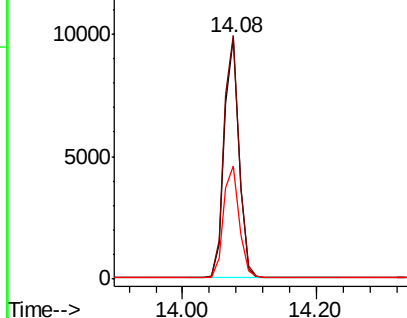


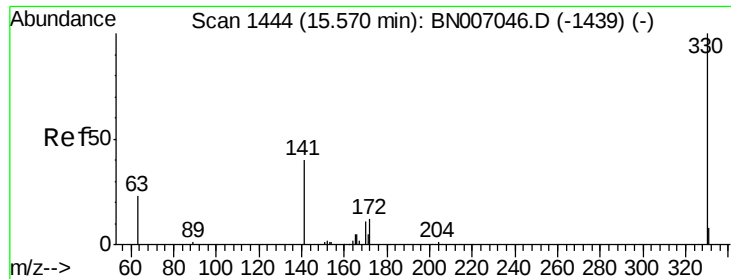
Abundance

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

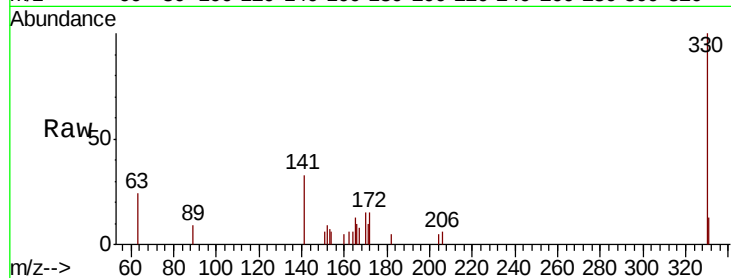




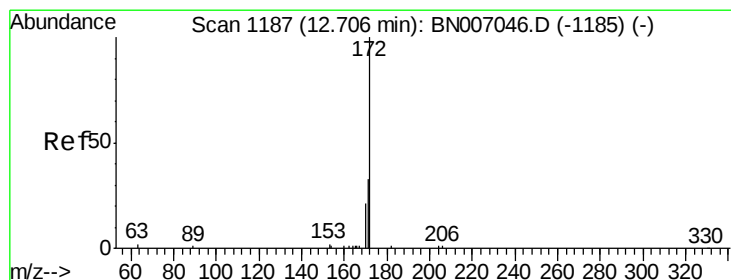
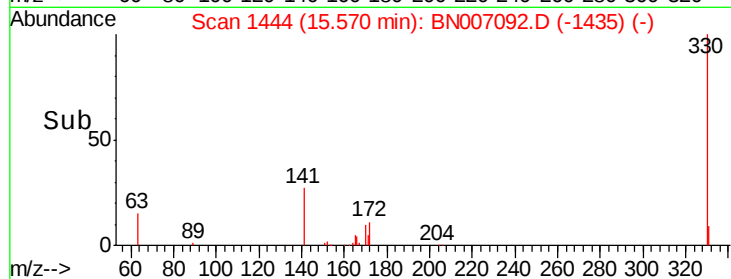
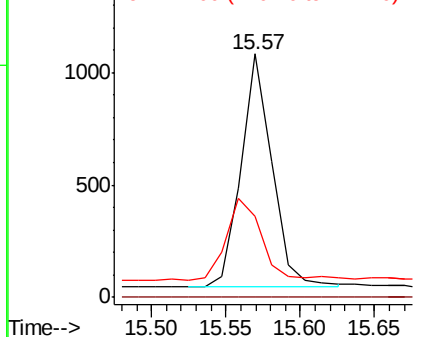
#13
 2,4,6-Tribromophenol
 Concen: 0.185 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007092.D
 Acq: 12 Aug 2019 11:41

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 1502
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 41.3 33.6 50.4

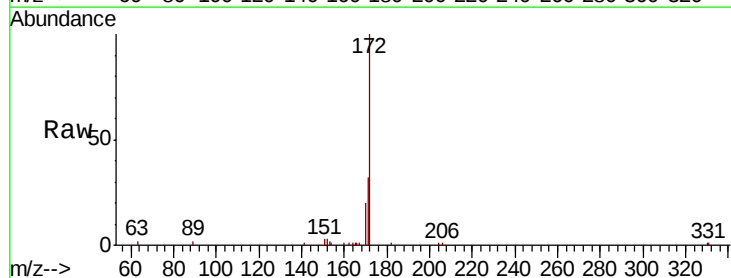


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

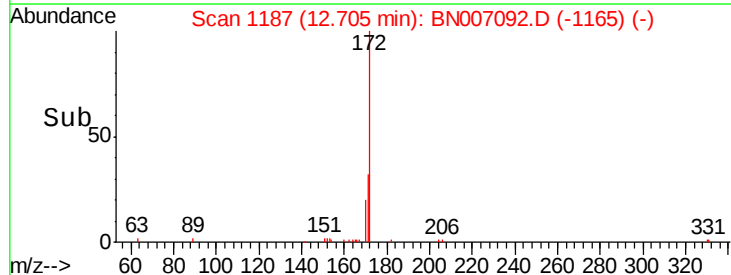
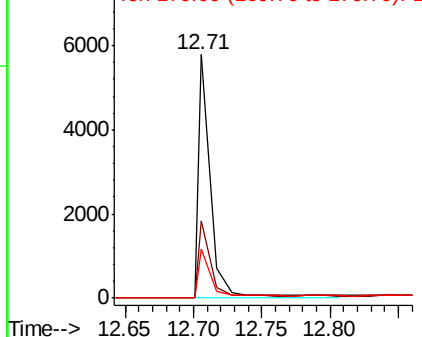


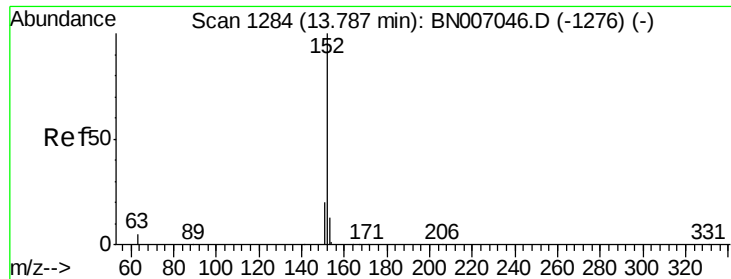
#14
 2-Fluorobiphenyl
 Concen: 0.192 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007092.D
 Acq: 12 Aug 2019 11:41

Tgt Ion:172 Resp: 4211
 Ion Ratio Lower Upper
 172 100
 171 31.5 26.3 39.5
 170 20.1 17.0 25.4



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





#15

Acenaphthylene

Concen: 0.304 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007092.D

Acq: 12 Aug 2019 11:41

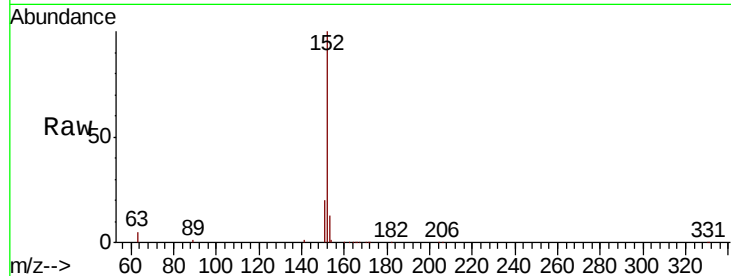
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 23939

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.0	10.4	15.6

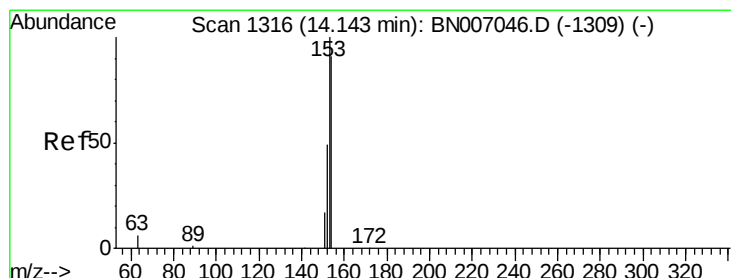
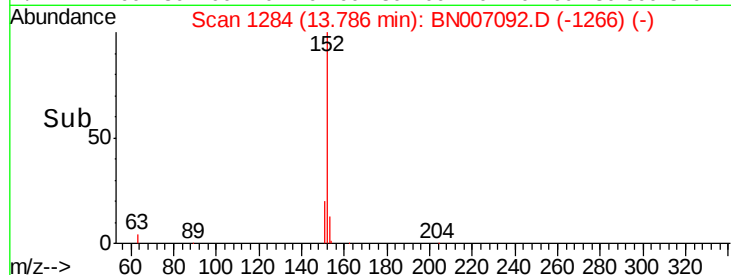
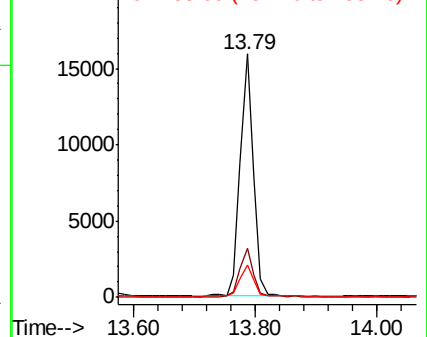


Abundance

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



#16

Acenaphthene

Concen: 0.316 ng

RT: 14.13 min Scan# 1315

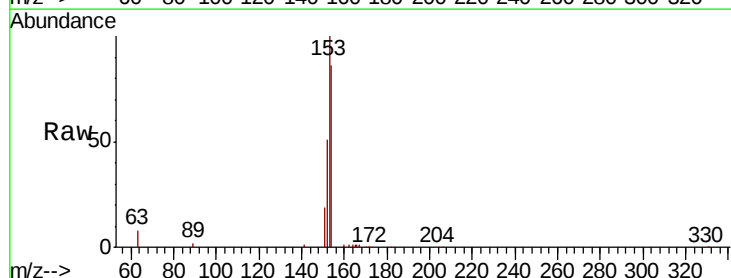
Delta R.T. -0.01 min

Lab File: BN007092.D

Acq: 12 Aug 2019 11:41

Tgt Ion:154 Resp: 15942

Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.5	134.3
152	56.8	44.8	67.2

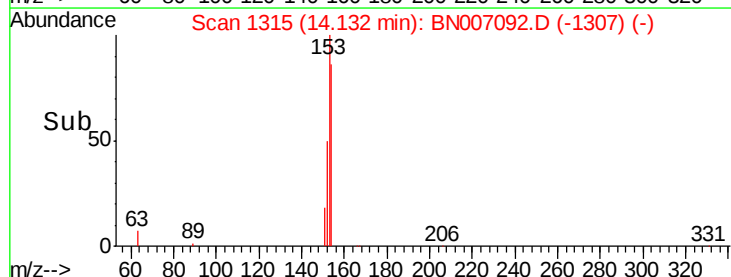
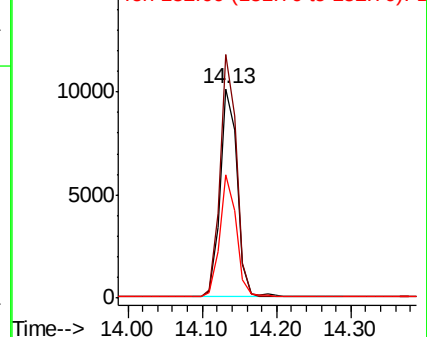


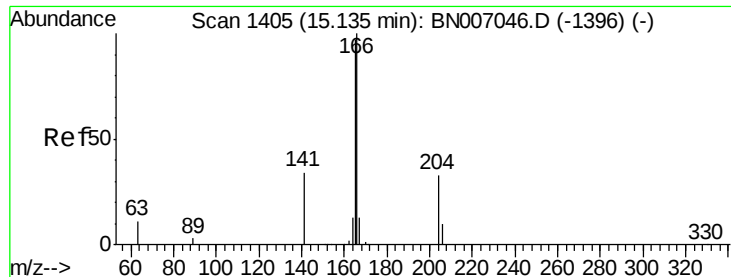
Abundance

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

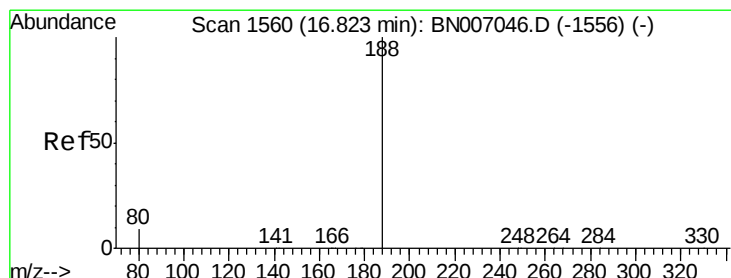
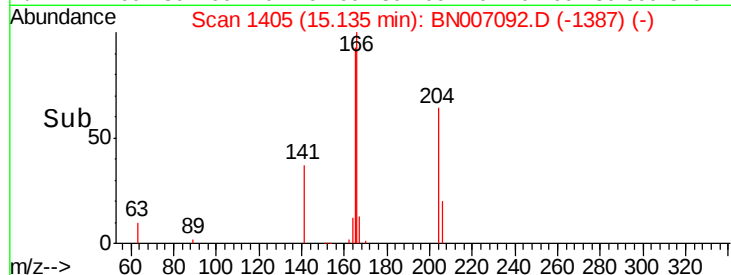
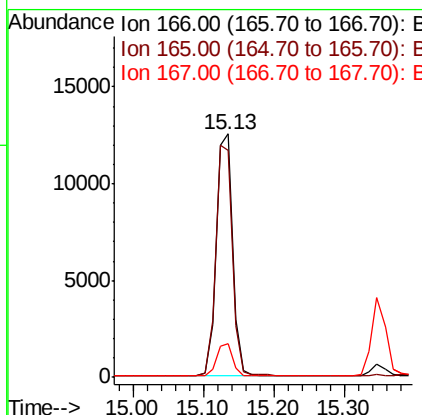
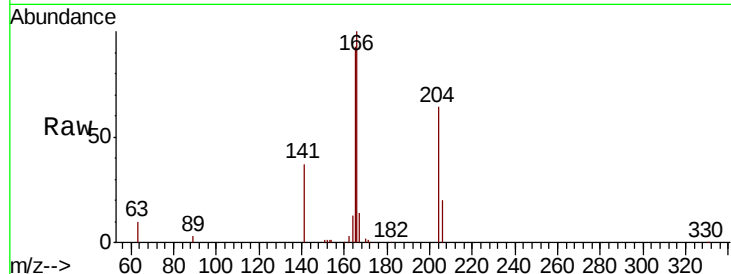




#17
Fluorene
 Concen: 0.272 ng
 RT: 15.13 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BN007092.D
 Acq: 12 Aug 2019 11:41

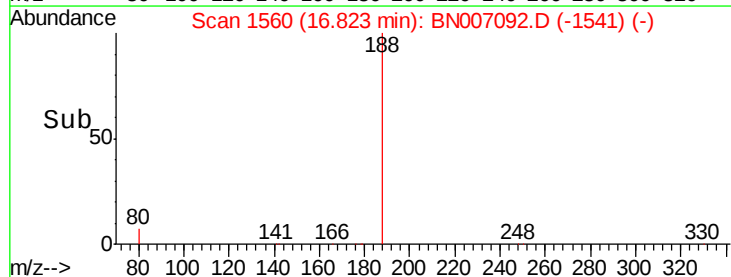
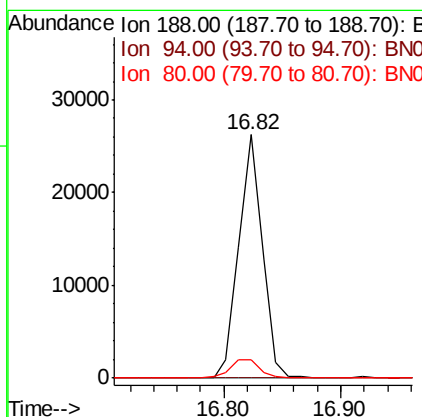
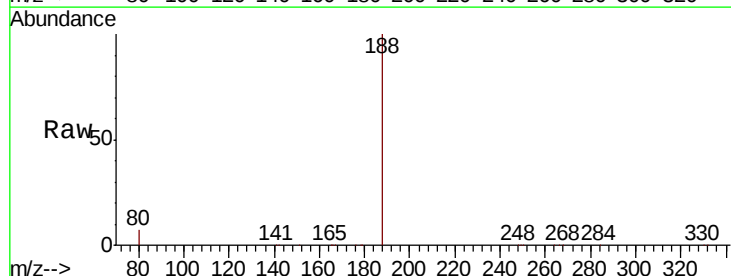
Instrument :
 BNA_N
 ClientSampleId :

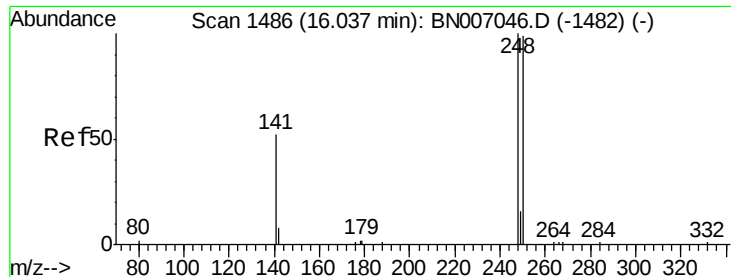
Tot Ion:166 Resp: 20529
 Ion Ratio Lower Upper
 166 100
 165 96.7 77.9 116.9
 167 13.4 10.9 16.3



#18
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.82 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BN007092.D
 Acq: 12 Aug 2019 11:41

Tgt Ion:188 Resp: 36262
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 7.3 7.8 11.6#

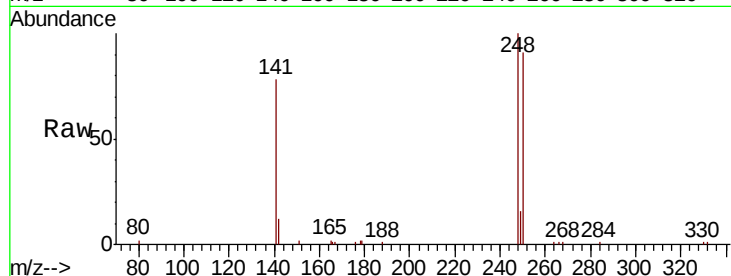




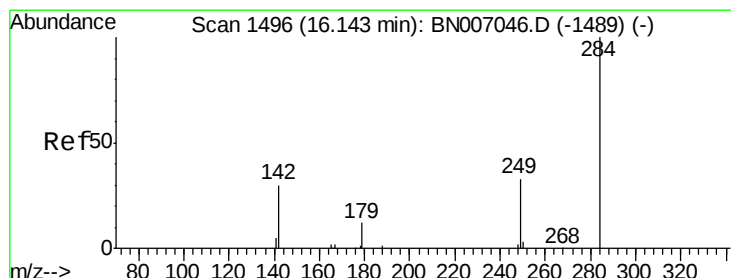
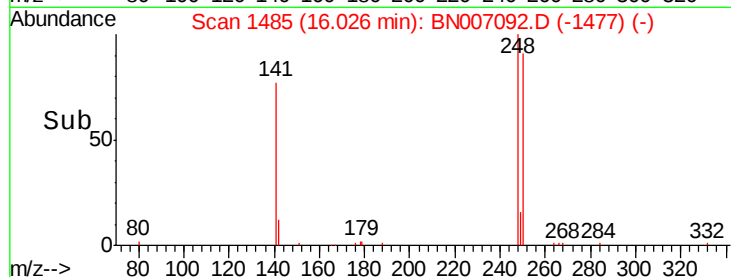
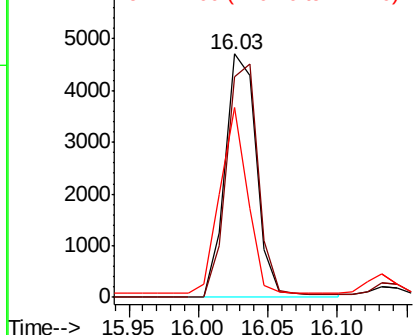
#19
4-Bromophenyl-phenylether
Concen: 0.332 ng
RT: 16.03 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion:248 Resp: 7439
Ion Ratio Lower Upper
248 100
250 90.6 78.9 118.3
141 78.2 43.3 64.9#

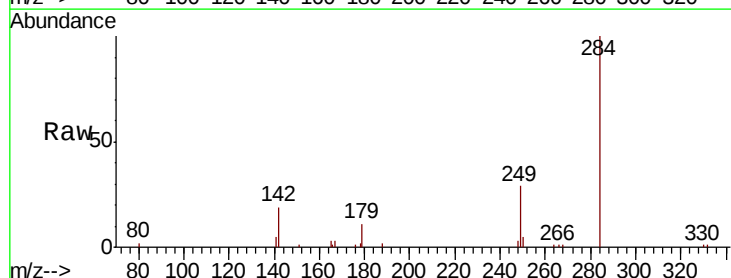


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

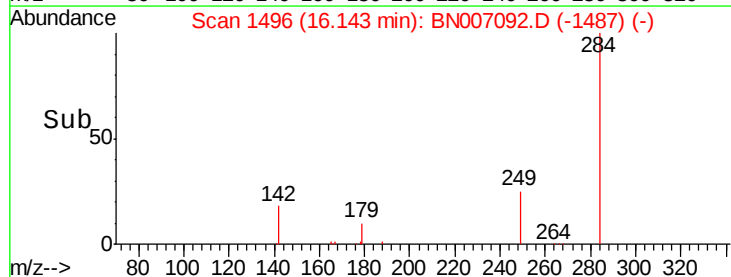
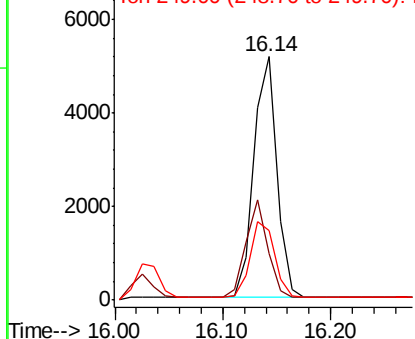


#20
Hexachlorobenzene
Concen: 0.353 ng
RT: 16.14 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Tgt Ion:284 Resp: 7607
Ion Ratio Lower Upper
284 100
142 38.1 30.5 45.7
249 33.0 26.7 40.1



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

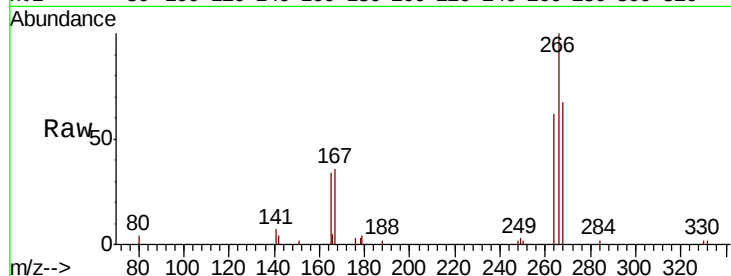




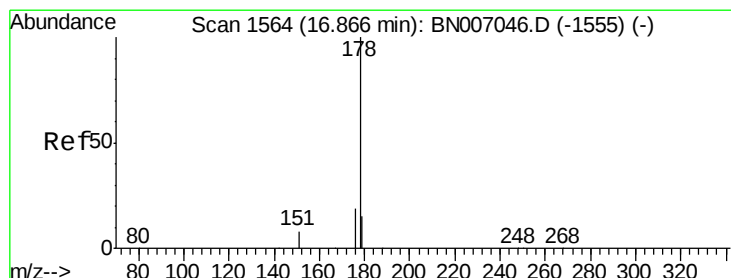
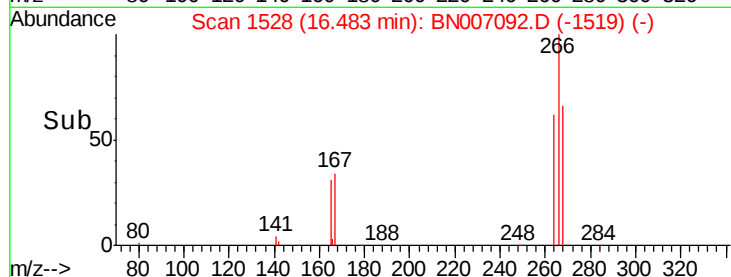
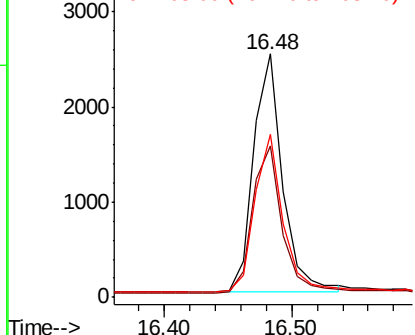
#21
 Pentachlorophenol
 Concen: 0.496 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007092.D
 Acq: 12 Aug 2019 11:41

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.3	52.3	78.5
268	67.2	51.5	77.3

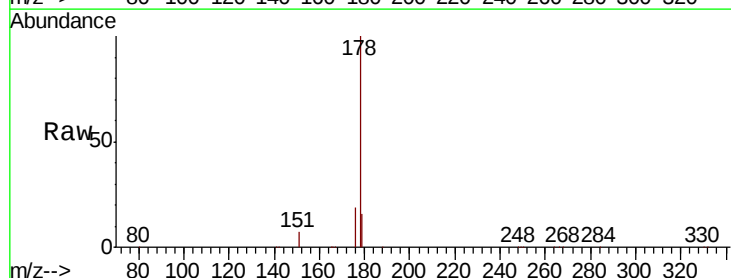


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

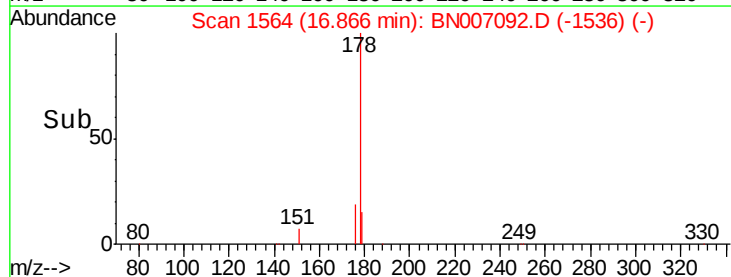
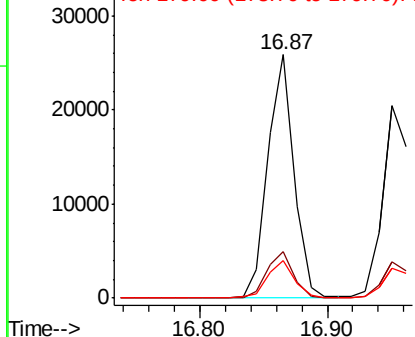


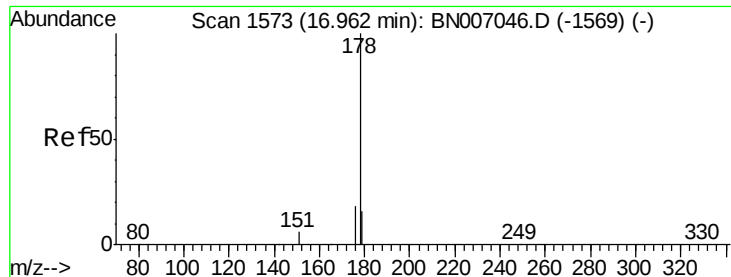
#22
 Phenanthrene
 Concen: 0.336 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007092.D
 Acq: 12 Aug 2019 11:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.5	12.3	18.5



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





#23

Anthracene

Concen: 0.314 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007092.D

Acq: 12 Aug 2019 11:41

Instrument :

BNA_N

ClientSampleId :

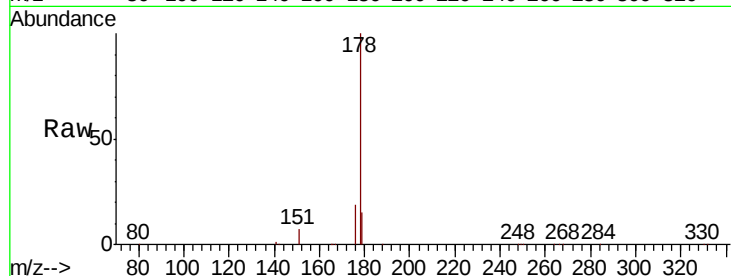
Tot Ion:178 Resp: 31216

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

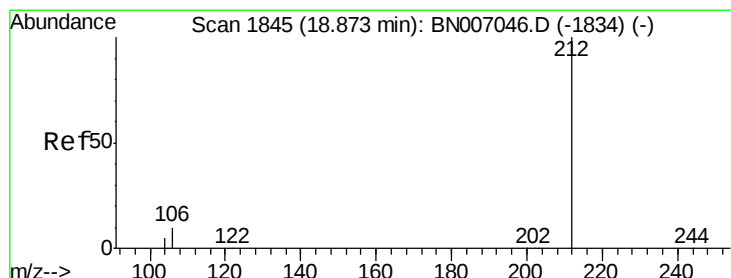
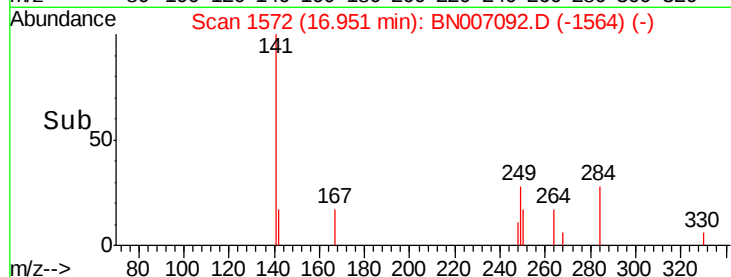
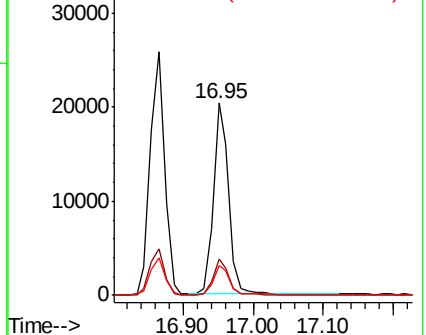
179 15.3 12.5 18.7



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

Fluoranthene-d10

Concen: 0.287 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007092.D

Acq: 12 Aug 2019 11:41

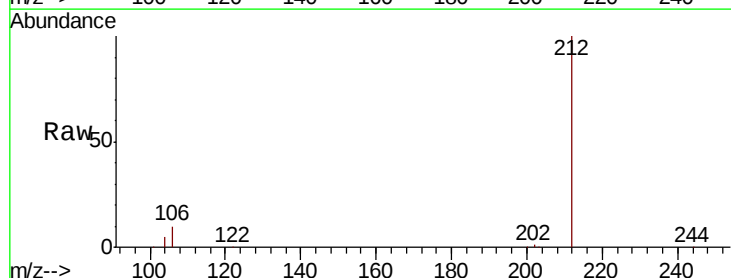
Tgt Ion:212 Resp: 36923

Ion Ratio Lower Upper

212 100

106 10.0 8.2 12.2

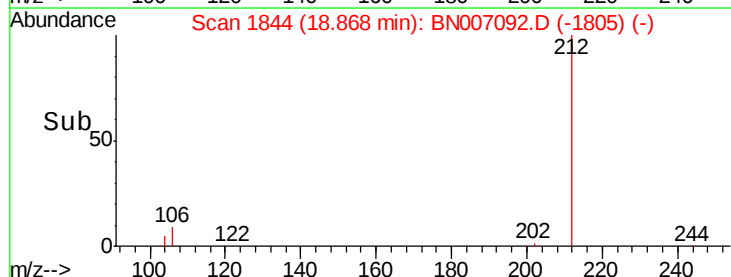
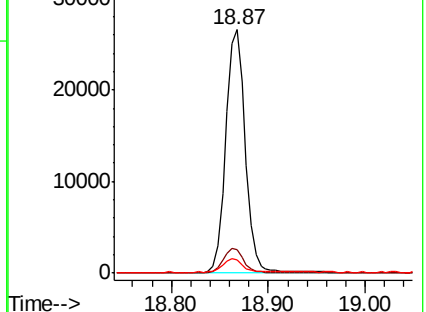
104 5.5 4.5 6.7

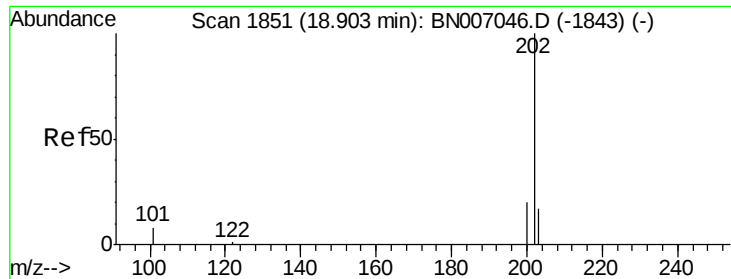


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.311 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN007092.D

Acq: 12 Aug 2019 11:41

Instrument :

BNA_N

ClientSampleId :

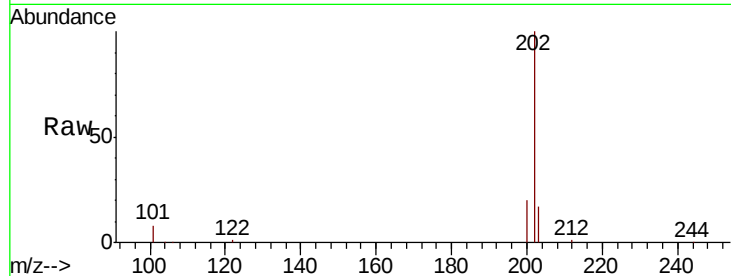
Tot Ion:202 Resp: 43218

Ion Ratio Lower Upper

202 100

101 8.4 7.0 10.4

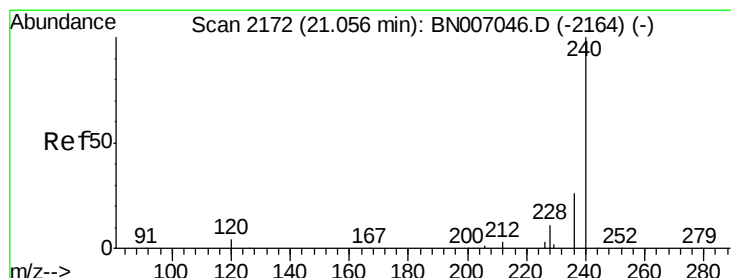
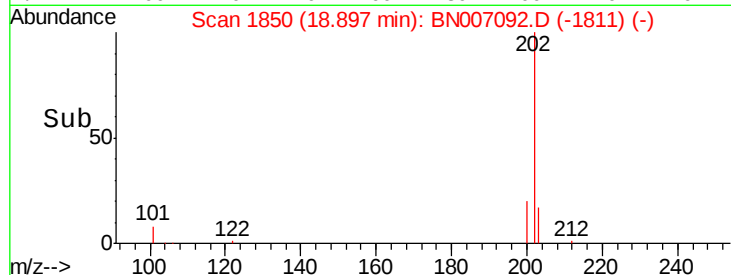
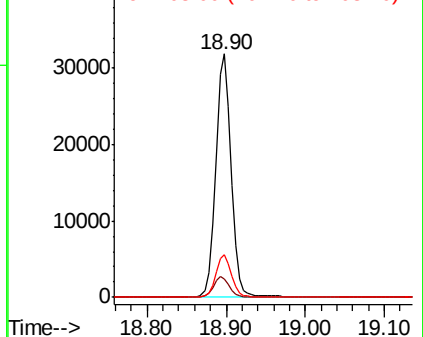
203 17.3 13.8 20.8



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



#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.05 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN007092.D

Acq: 12 Aug 2019 11:41

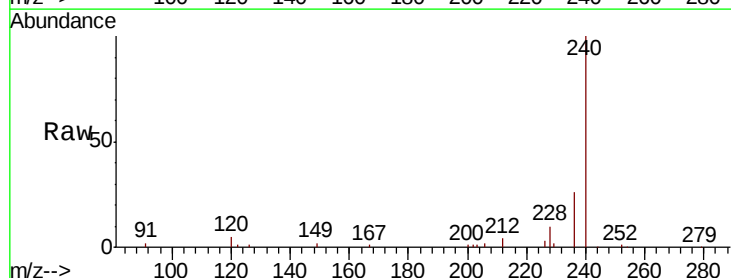
Tgt Ion:240 Resp: 35838

Ion Ratio Lower Upper

240 100

120 4.5 4.0 6.0

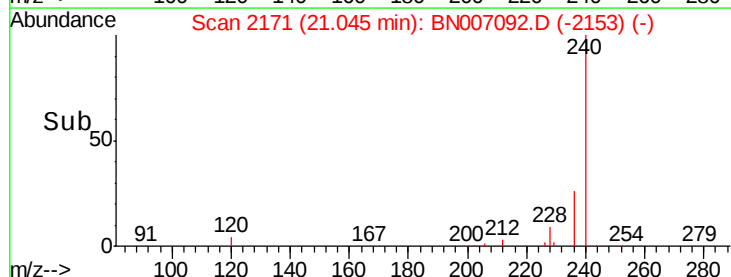
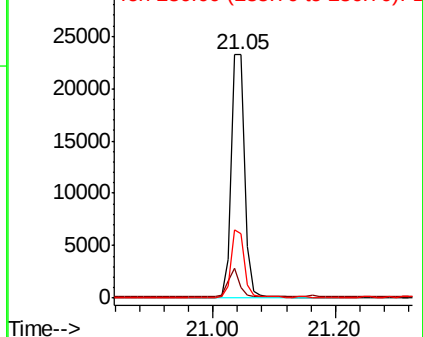
236 26.3 21.3 31.9

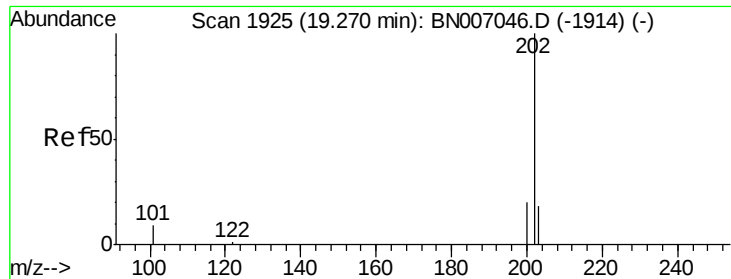


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

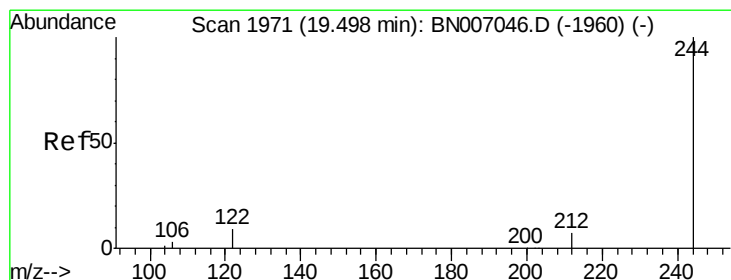
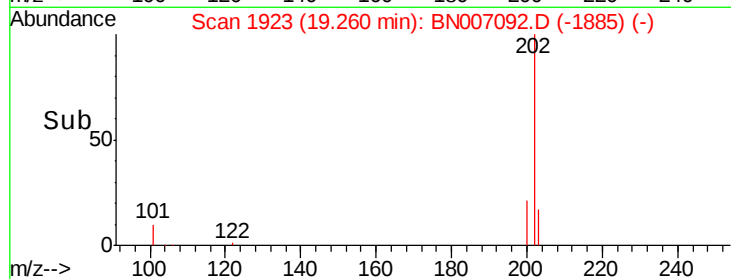
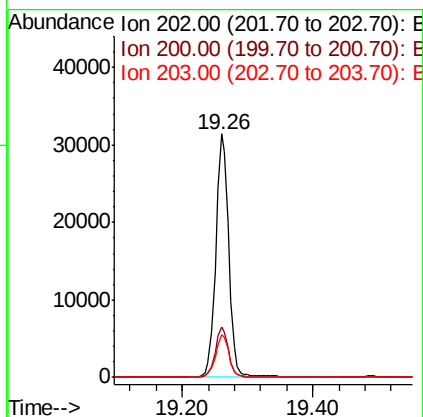
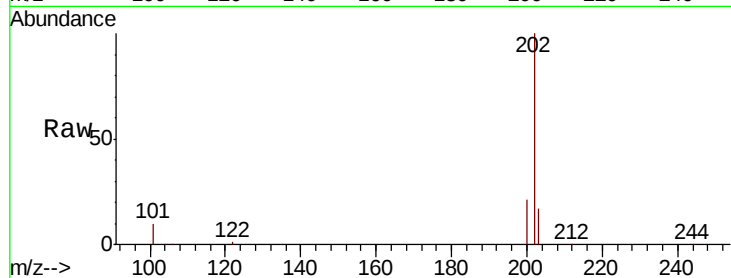




#27
Pvrene
Concen: 0.342 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

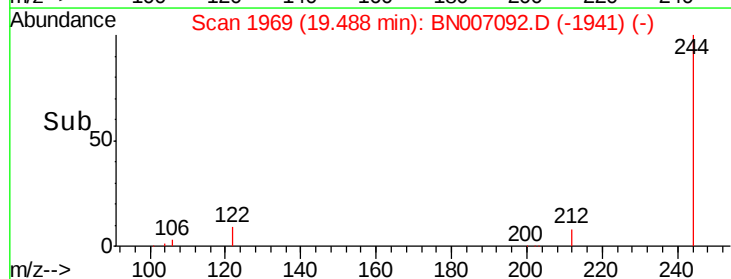
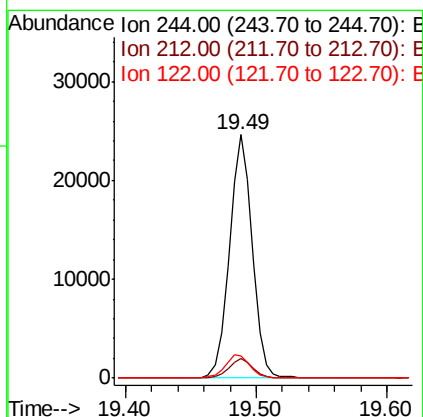
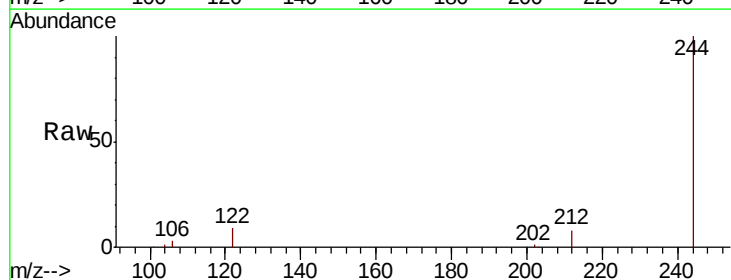
Instrument :
BNA_N
ClientSampleId :

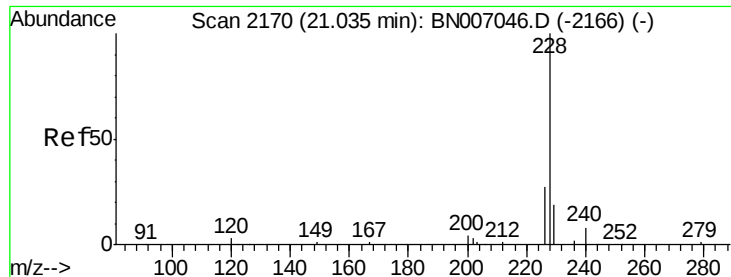
Tot Ion:202 Resp: 42921
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 17.7 14.0 21.0



#28
Terphenyl-d14
Concen: 0.304 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007092.D
Acq: 12 Aug 2019 11:41

Tgt Ion:244 Resp: 29697
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 9.3 7.4 11.2





#29

Benzo(a)anthracene

Concen: 0.305 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007092.D

Acq: 12 Aug 2019 11:41

Instrument :

BNA_N

ClientSampleId :

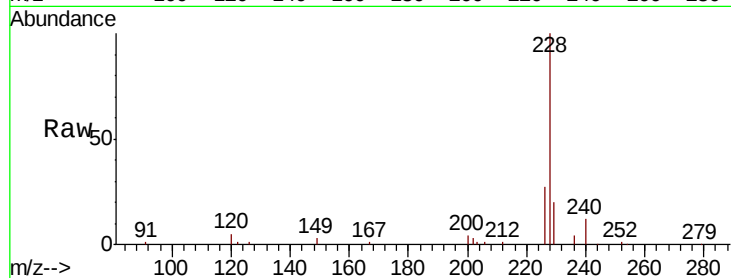
Tot Ion:228 Resp: 39922

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.6

229 19.5 15.6 23.4

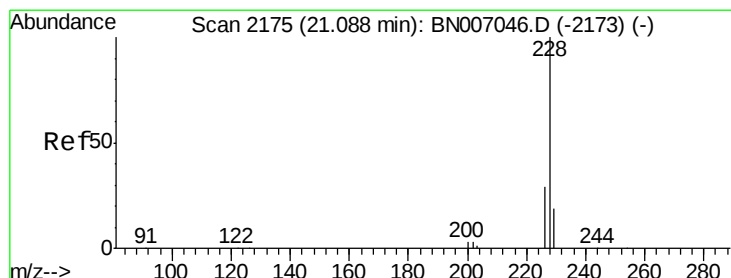
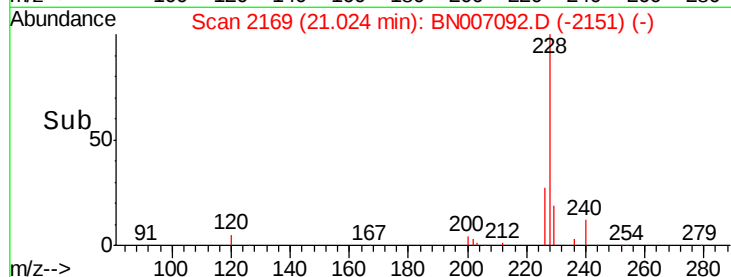
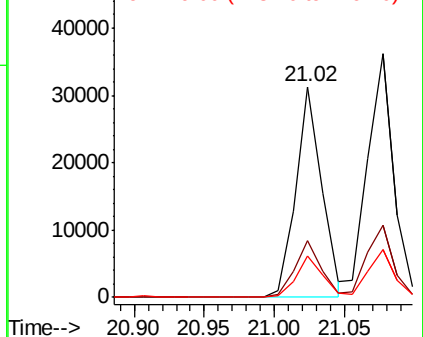


Abundance

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



#30

Chrysene

Concen: 0.362 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007092.D

Acq: 12 Aug 2019 11:41

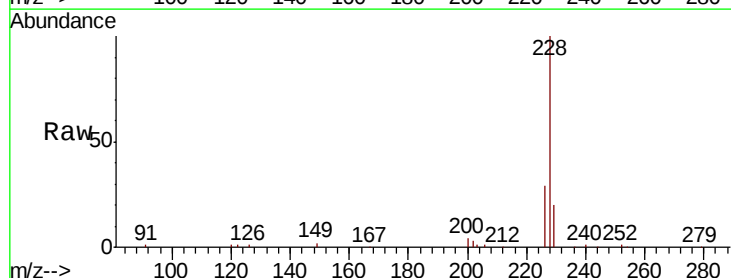
Tgt Ion:228 Resp: 46133

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.6

229 19.7 15.7 23.5

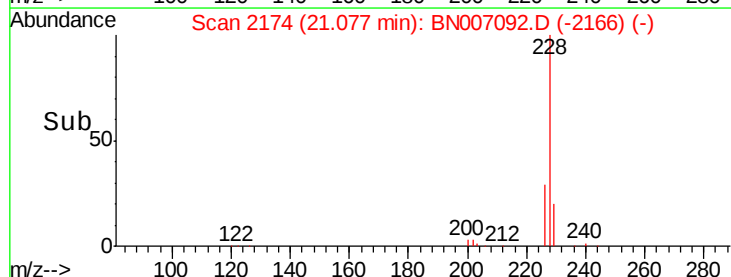
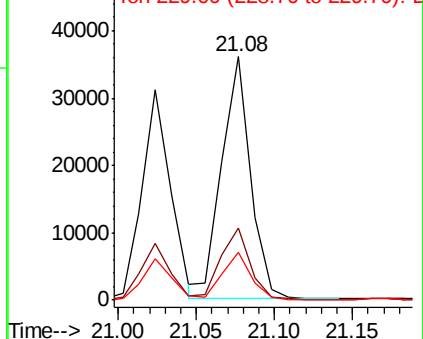


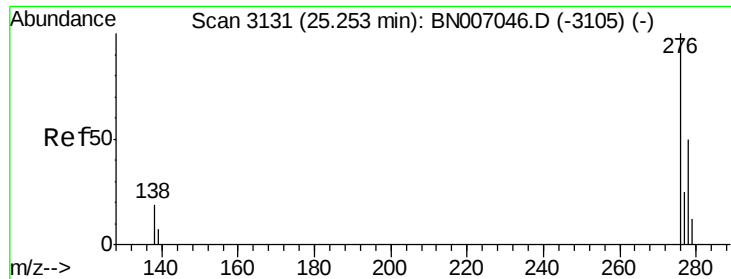
Abundance

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

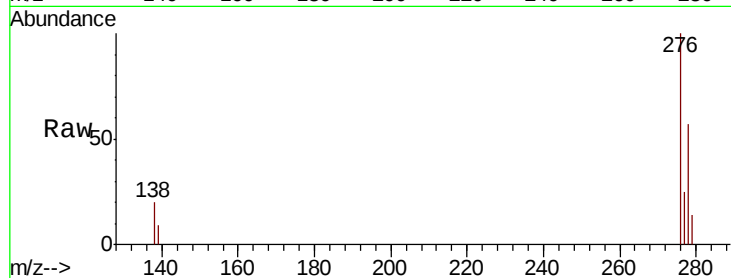




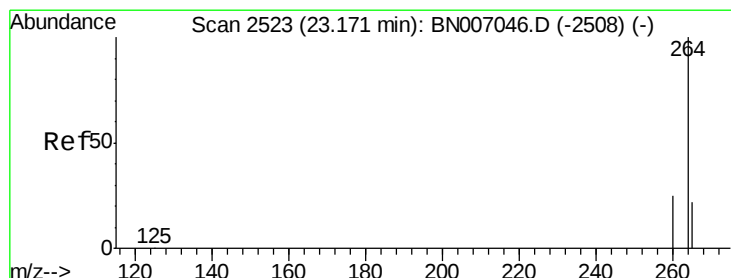
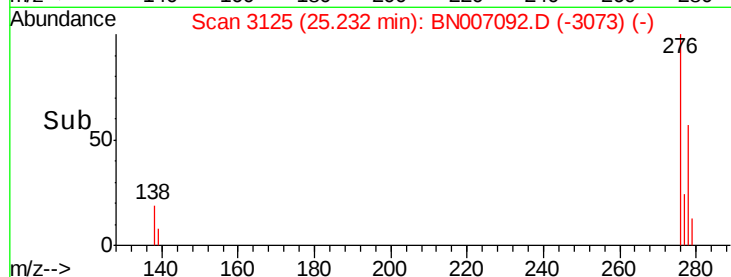
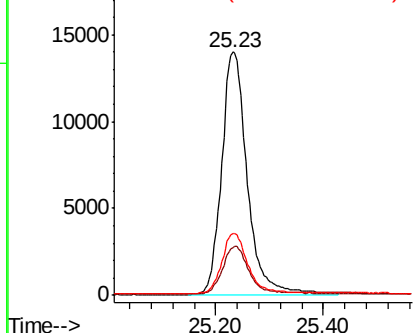
#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.328 ng
 RT: 25.23 min Scan# 3125
 Delta R.T. -0.02 min
 Lab File: BN007092.D
 Acq: 12 Aug 2019 11:41

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 46001
 Ion Ratio Lower Upper
 276 100
 138 20.2 16.0 24.0
 277 25.0 19.9 29.9

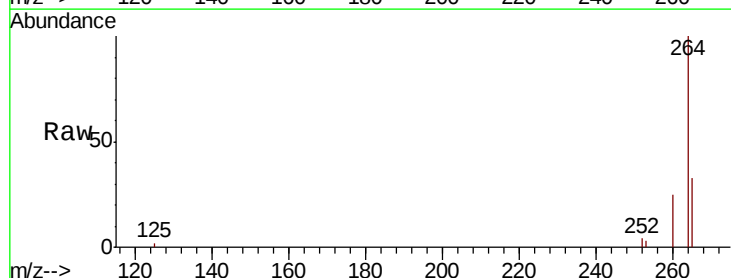


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

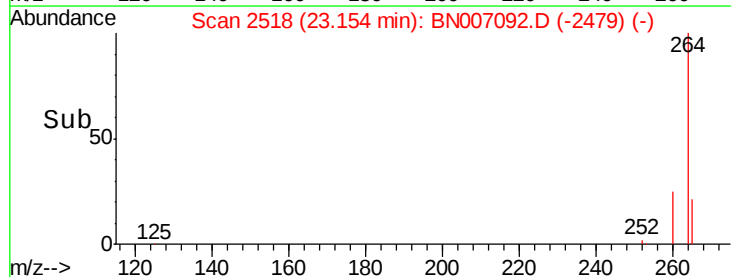
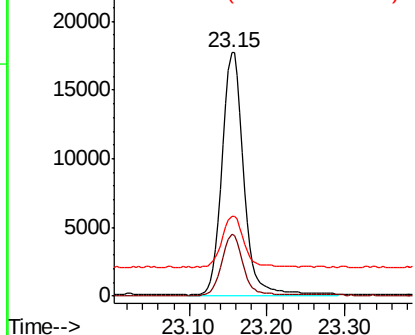


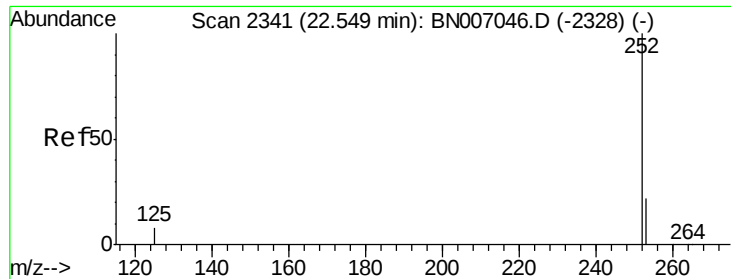
#32
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.15 min Scan# 2518
 Delta R.T. -0.02 min
 Lab File: BN007092.D
 Acq: 12 Aug 2019 11:41

Tgt Ion:264 Resp: 33935
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.8 29.8
 265 32.7 26.2 39.4



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





#33

Benzo(b)fluoranthene

Concen: 0.368 ng

RT: 22.53 min Scan# 2337

Delta R.T. -0.01 min

Lab File: BN007092.D

Acq: 12 Aug 2019 11:41

Instrument :

BNA_N

ClientSampleId :

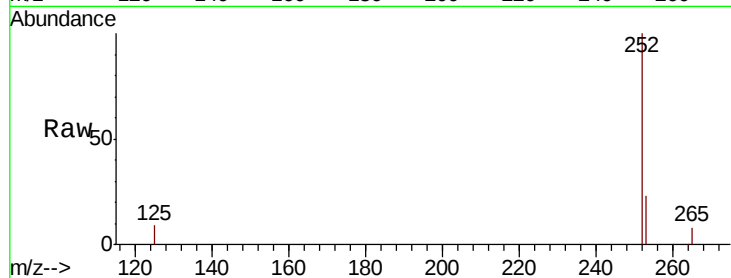
Tot Ion:252 Resp: 42863

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

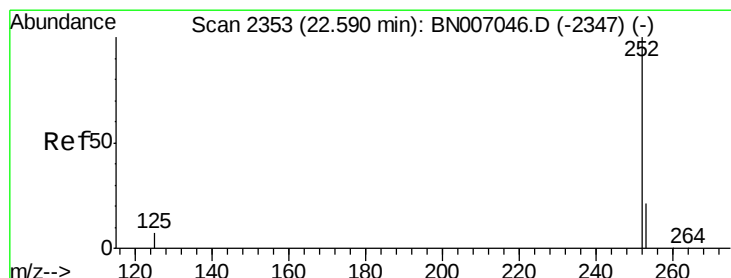
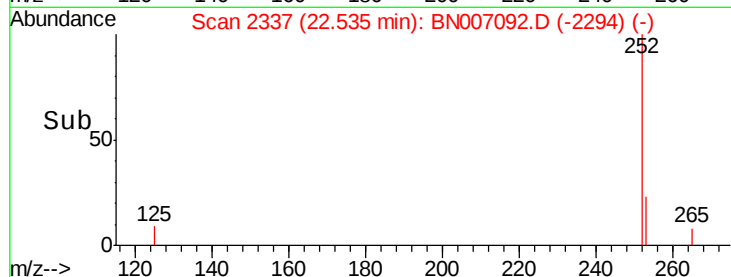
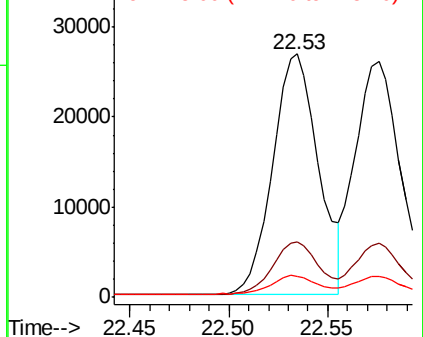
125 8.8 7.4 11.0



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



#34

Benzo(k)fluoranthene

Concen: 0.369 ng

RT: 22.58 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BN007092.D

Acq: 12 Aug 2019 11:41

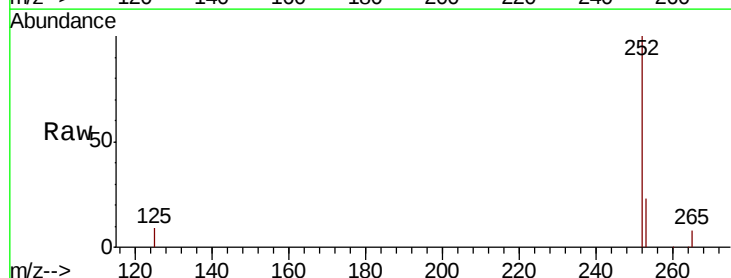
Tgt Ion:252 Resp: 42444

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

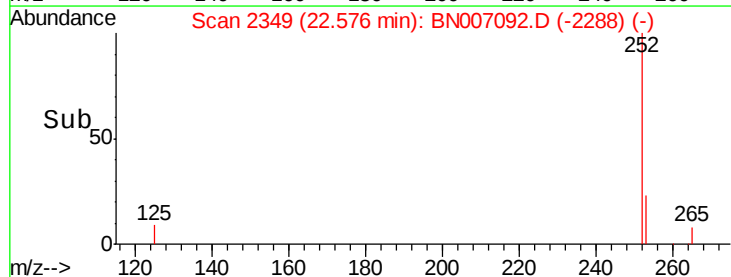
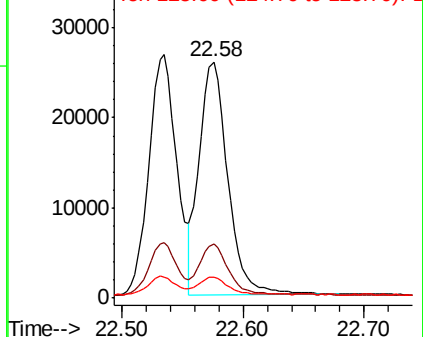
125 8.7 7.4 11.0

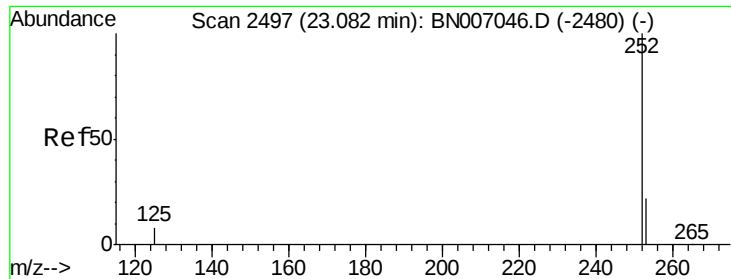


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.347 ng

RT: 23.07 min Scan# 2492

Delta R.T. -0.02 min

Lab File: BN007092.D

Acq: 12 Aug 2019 11:41

Instrument :

BNA_N

ClientSampled :

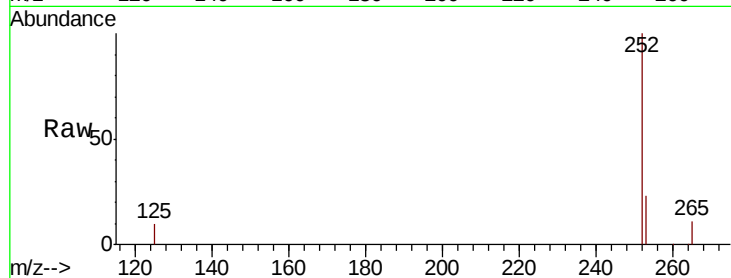
Tot Ion:252 Resp: 36600

Ion Ratio Lower Upper

252 100

253 23.2 18.5 27.7

125 10.1 8.2 12.4

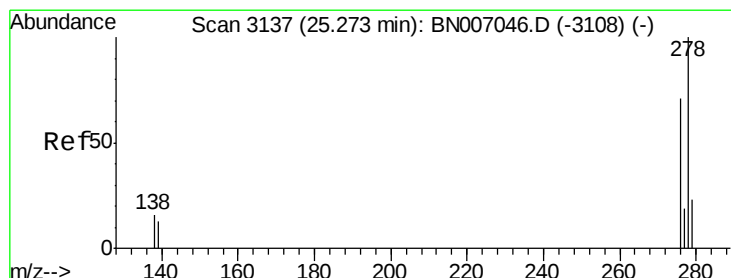
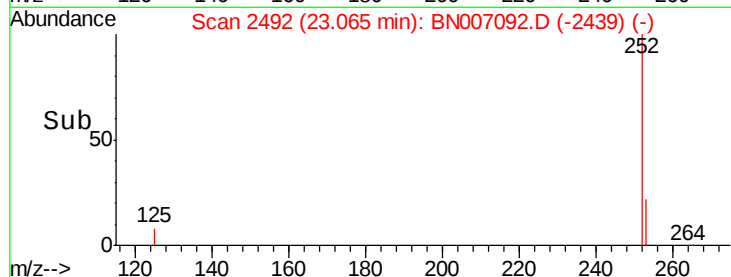
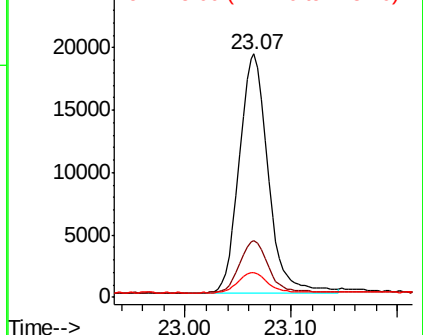


Abundance

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

Dibenzo(a,h)anthracene

Concen: 0.363 ng

RT: 25.25 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BN007092.D

Acq: 12 Aug 2019 11:41

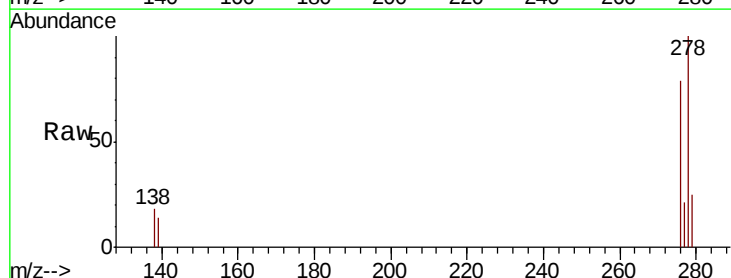
Tgt Ion:278 Resp: 38201

Ion Ratio Lower Upper

278 100

139 13.9 11.3 16.9

279 24.6 19.3 28.9

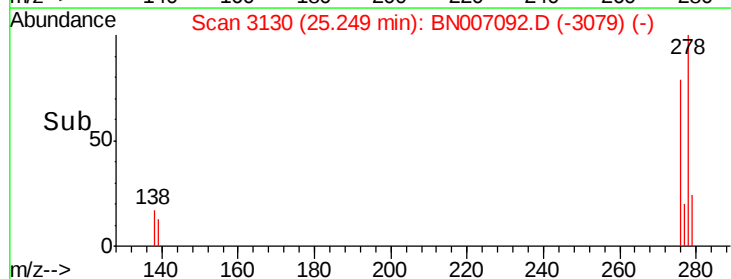
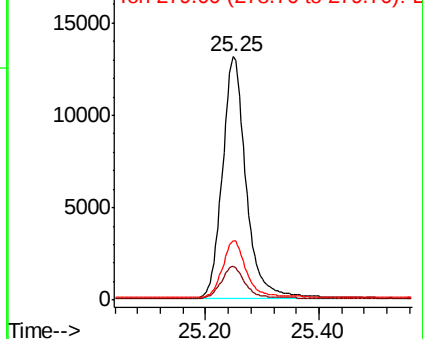


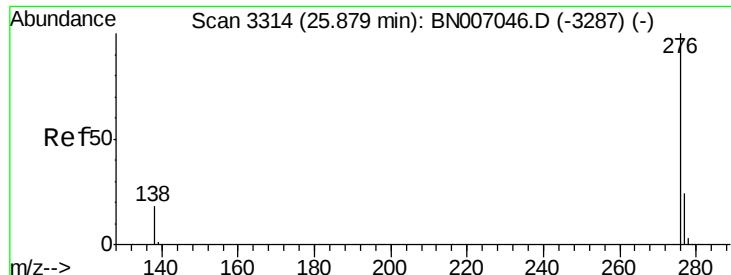
Abundance

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





#37

Benzo(a,h,i)perylene

Concen: 0.378 ng

RT: 25.86 min Scan# 3308

Delta R.T. -0.02 min

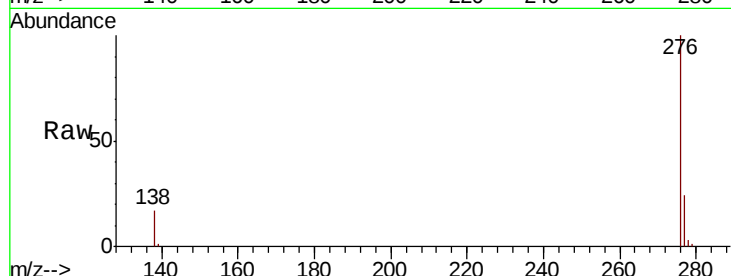
Lab File: BN007092.D

Acq: 12 Aug 2019 11:41

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 40935

Ion Ratio Lower Upper

276 100

277 24.3 19.8 29.8

138 17.2 14.6 22.0

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

