

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081519\
 Data File : BNCCC217.D
 Acq On : 16 Aug 2019 04:09
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 16 07:08:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 12:12:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	11379	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	43213	0.40	ng	0.00
12) Acenaphthene-d10	14.07	164	24249	0.40	ng	-0.01
18) Phenanthrene-d10	16.82	188	56686	0.40	ng	0.00
26) Chrysene-d12	21.03	240	57961	0.40	ng	-0.02
32) Perylene-d12	23.15	264	64973	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.05	112	11345	0.41	ng	0.00
4) Phenol-d6	6.61	99	14712	0.43	ng	0.00
7) Nitrobenzene-d5	8.55	82	14707	0.42	ng	-0.01
10) 2-Methylnaphthalene-d10	11.78	152	29955	0.37	ng	-0.01
13) 2,4,6-Tribromophenol	15.57	330	4390	0.34	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	3256	0.09	ng	0.00
24) Fluoranthene-d10	18.86	212	72482	0.36	ng	-0.01
28) Terphenyl-d14	19.48	244	63816	0.40	ng	-0.02

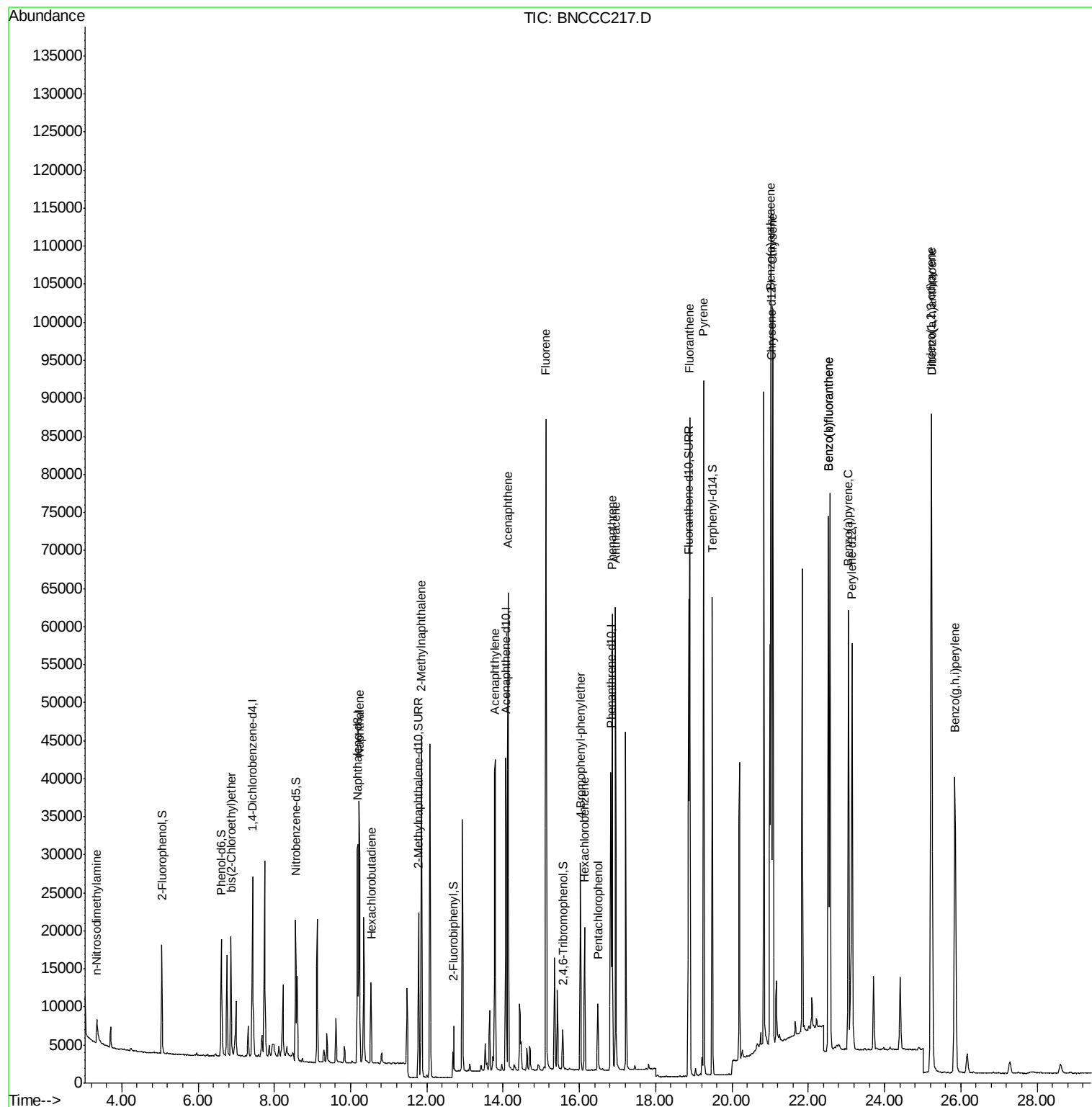
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.34	42	3168	0.423	ng	# 100
5) bis(2-Chloroethyl)ether	6.86	93	12311	0.411	ng	98
8) Naphthalene	10.22	128	45990	0.380	ng	99
9) Hexachlorobutadiene	10.54	225	9963	0.386	ng	# 99
11) 2-Methylnaphthalene	11.86	142	32168	0.375	ng	96
15) Acenaphthylene	13.79	152	53048	0.419	ng	100
16) Acenaphthene	14.13	154	31264	0.385	ng	99
17) Fluorene	15.12	166	40422	0.333	ng	99
19) 4-Bromophenyl-phenylether	16.03	248	13223	0.377	ng	99
20) Hexachlorobenzene	16.13	284	13854	0.411	ng	99
21) Pentachlorophenol	16.48	266	4722	0.376	ng	97
22) Phenanthrene	16.86	178	66112	0.389	ng	100
23) Anthracene	16.95	178	61359	0.395	ng	99
25) Fluoranthene	18.89	202	79490	0.366	ng	100
27) Pyrene	19.25	202	83933	0.413	ng	100
29) Benzo(a)anthracene	21.02	228	82381	0.389	ng	99
30) Chrysene	21.07	228	80993	0.393	ng	98
31) Indeno(1,2,3-cd)pyrene	25.22	276	99410	0.438	ng	97
33) Benzo(b)fluoranthene	22.53	252	84344	0.379	ng	100
34) Benzo(k)fluoranthene	22.53	252	84344	0.383	ng	100
35) Benzo(a)pyrene	23.05	252	77227	0.382	ng	99
36) Dibenzo(a,h)anthracene	25.24	278	80351	0.399	ng	# 96
37) Benzo(g,h,i)perylene	25.85	276	79012	0.381	ng	99

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

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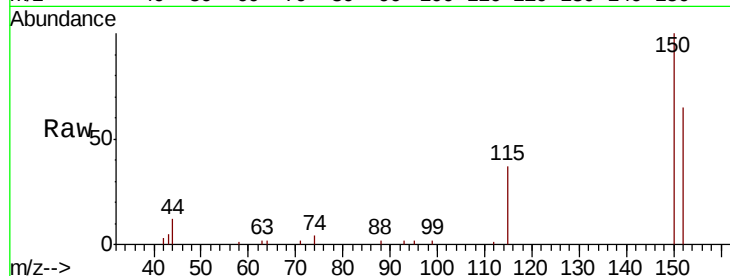


#1

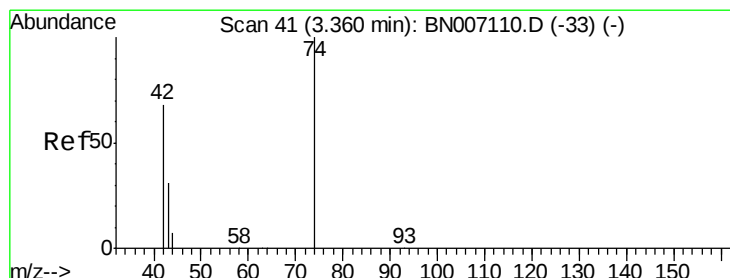
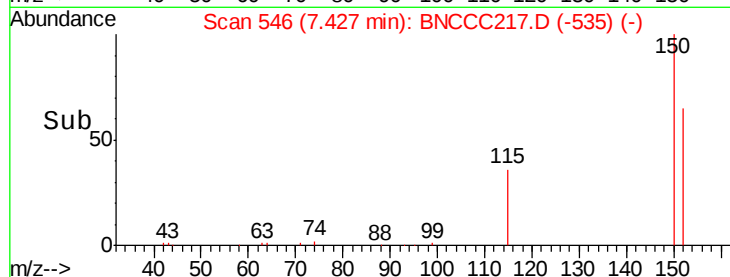
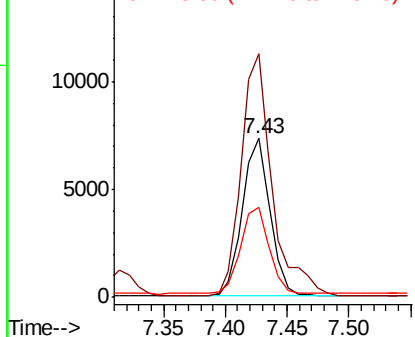
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 11379
Ion Ratio Lower Upper
152 100
150 153.4 121.7 182.5
115 56.9 46.2 69.4



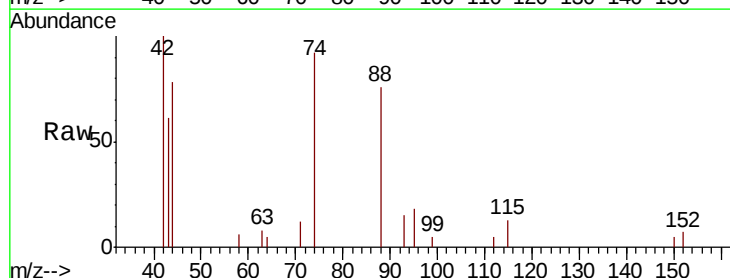
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



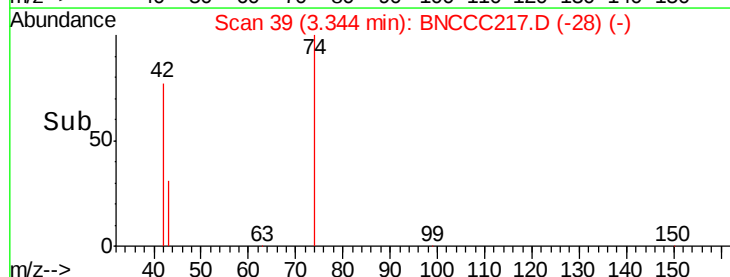
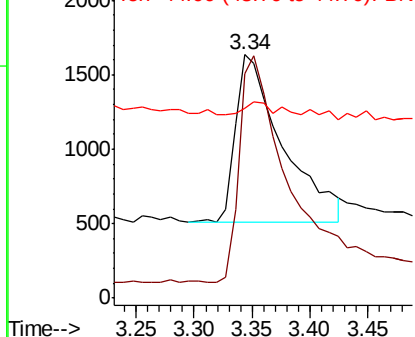
#2

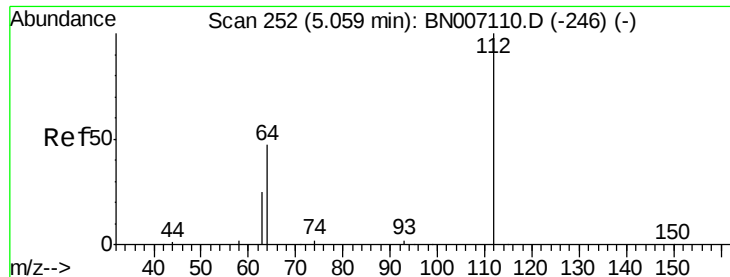
n-Nitrosodimethylamine
Concen: 0.423 ng
RT: 3.34 min Scan# 39
Delta R.T. -0.02 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Tgt Ion: 42 Resp: 3168
Ion Ratio Lower Upper
42 100
74 137.9 110.6 166.0
44 6.2 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: 0.415 ng

RT: 5.05 min Scan# 251

Delta R.T. -0.01 min

Lab File: BNCCC217.D

Acq: 16 Aug 2019 04:09

Instrument :

BNA_N

ClientSampled :

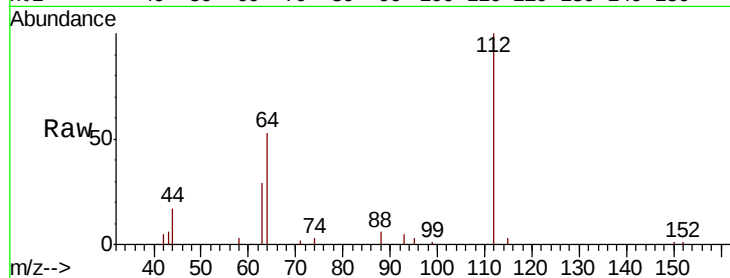
Tot Ion:112 Resp: 11345

Ion Ratio Lower Upper

112 100

64 52.7 42.6 63.8

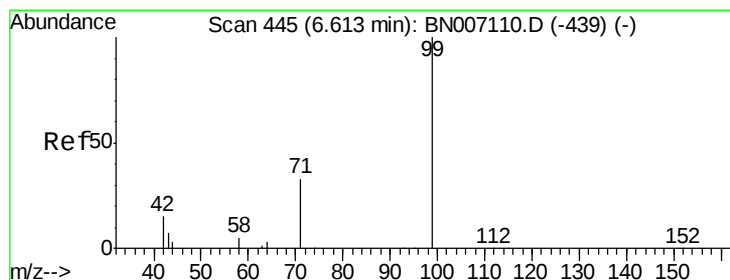
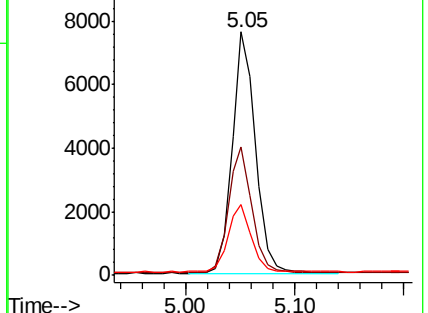
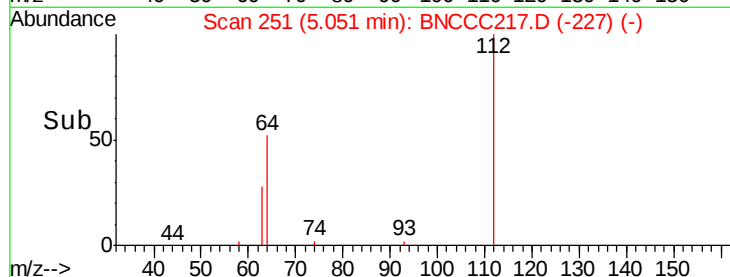
63 27.8 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#4

Phenol-d6

Concen: 0.434 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BNCCC217.D

Acq: 16 Aug 2019 04:09

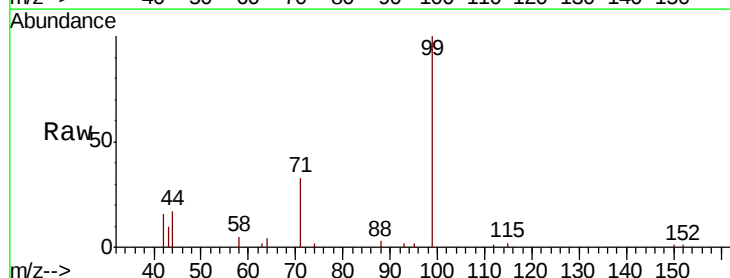
Tgt Ion: 99 Resp: 14712

Ion Ratio Lower Upper

99 100

42 18.1 15.8 23.6

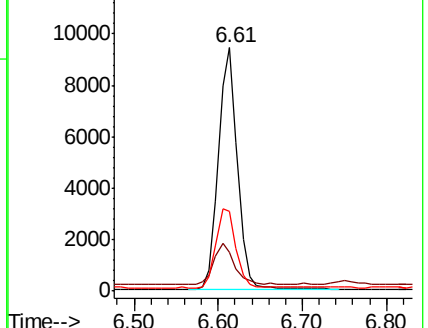
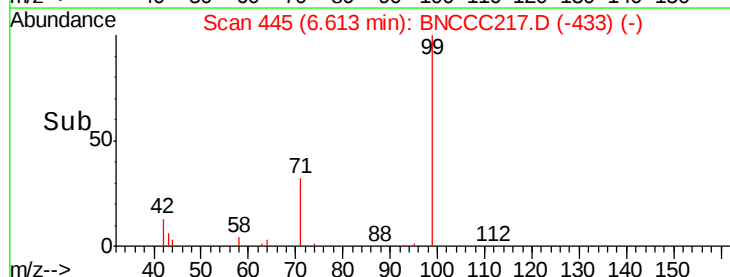
71 34.4 27.0 40.4

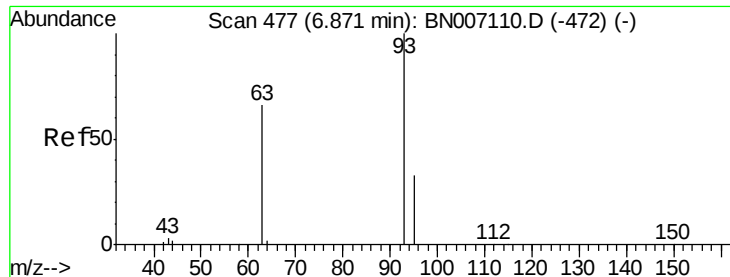


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC



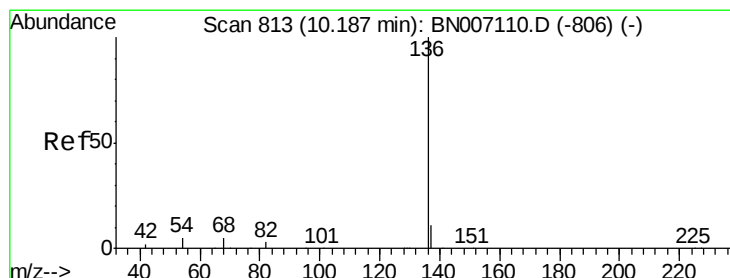
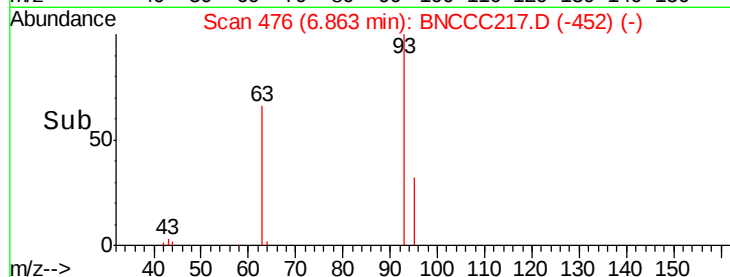
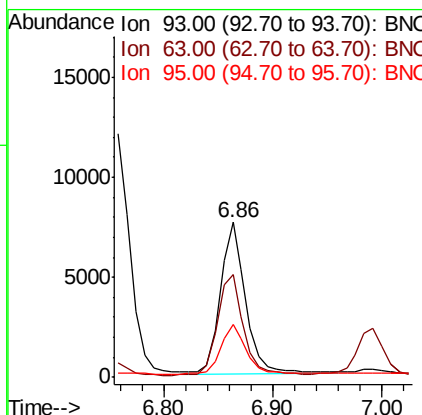
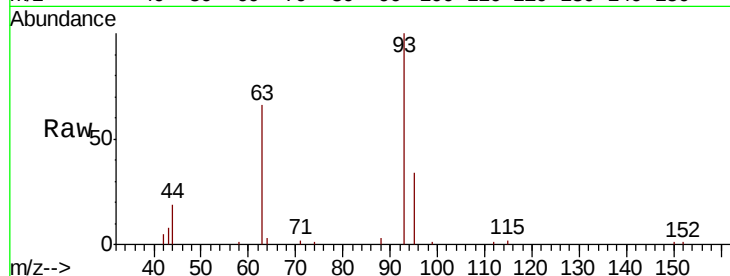


#5

bis(2-Chloroethyl)ether
Concen: 0.411 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.01 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Instrument :
BNA_N
ClientSampleId :

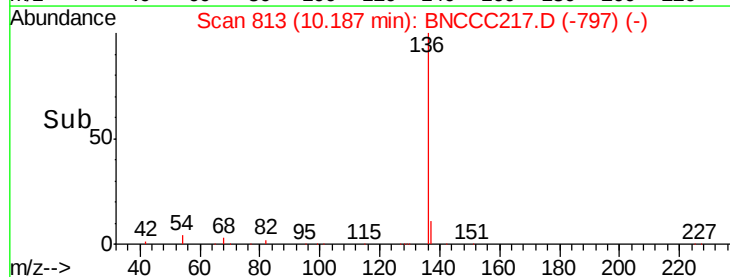
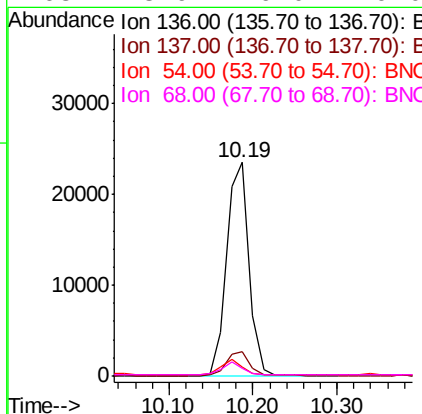
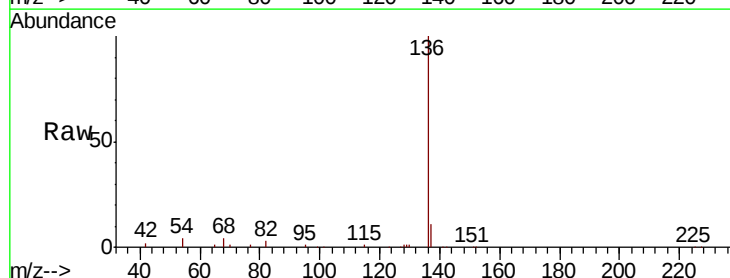
Tot Ion: 93 Resp: 12311
Ion Ratio Lower Upper
93 100
63 67.5 55.6 83.4
95 32.5 26.7 40.1

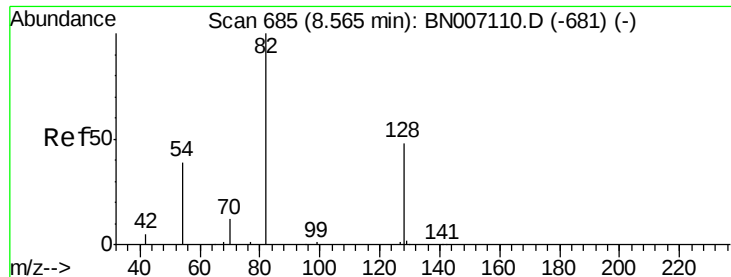


#6

Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Tgt Ion: 136 Resp: 43213
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 4.0 6.6 9.8#
68 3.9 6.0 9.0#





#7

Nitrobenzene-d5

Concen: 0.422 ng

RT: 8.55 min Scan# 684

Delta R.T. -0.01 min

Lab File: BNCCC217.D

Acq: 16 Aug 2019 04:09

Instrument :

BNA_N

ClientSampleId :

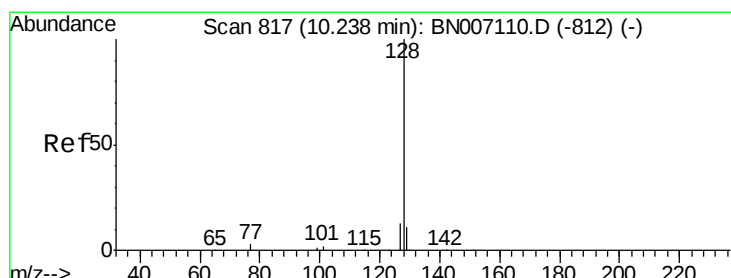
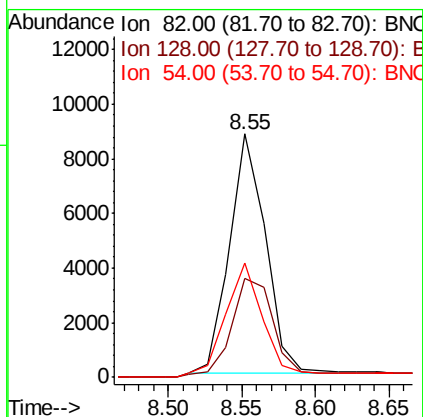
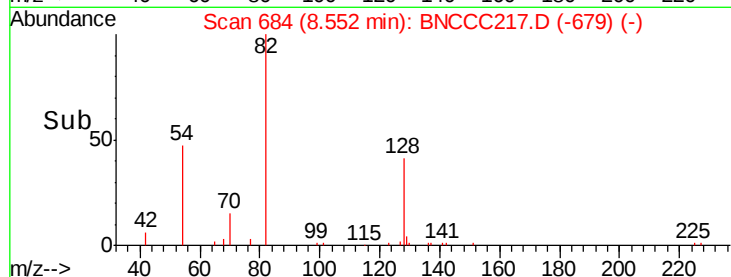
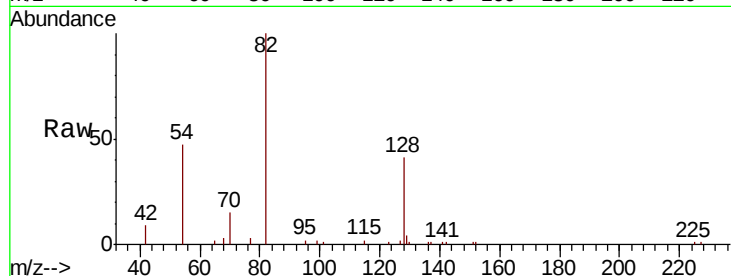
Tot Ion: 82 Resp: 14707

Ion Ratio Lower Upper

82 100

128 40.6 34.6 51.8

54 46.8 36.2 54.4



#8

Naphthalene

Concen: 0.380 ng

RT: 10.22 min Scan# 816

Delta R.T. -0.01 min

Lab File: BNCCC217.D

Acq: 16 Aug 2019 04:09

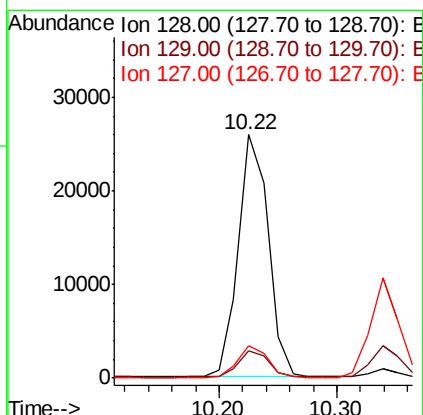
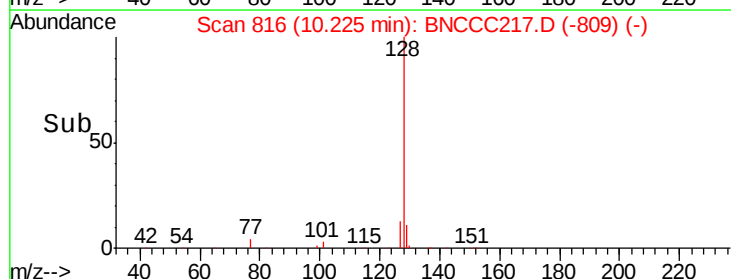
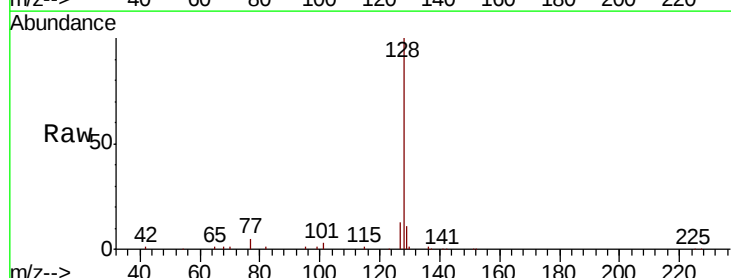
Tgt Ion: 128 Resp: 45990

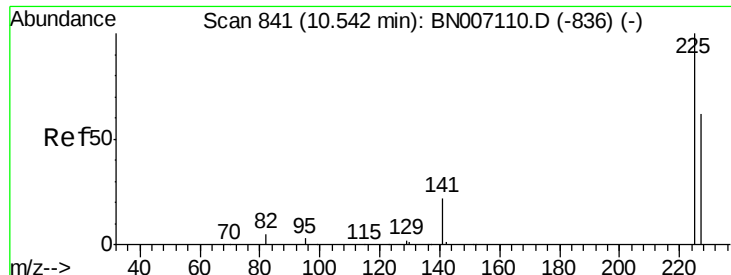
Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

127 13.5 11.0 16.6





#9

Hexachlorobutadiene

Concen: 0.386 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BNCCC217.D

Acq: 16 Aug 2019 04:09

Instrument :

BNA_N

ClientSampleId :

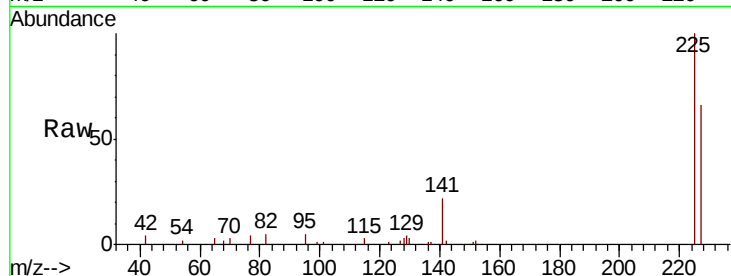
Tot Ion:225 Resp: 9963

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

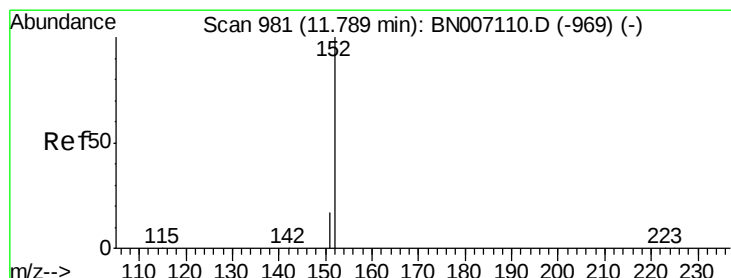
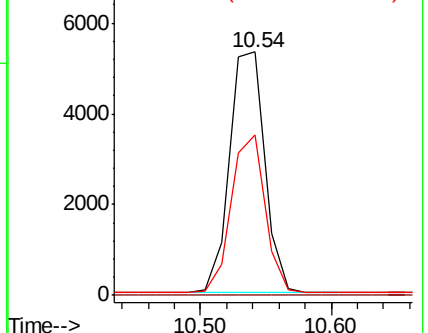
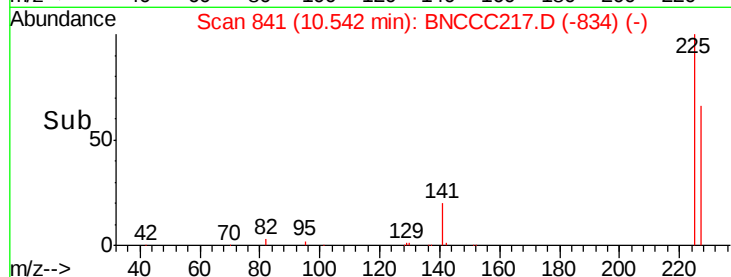
227 63.2 51.1 76.7



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: 0.372 ng

RT: 11.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BNCCC217.D

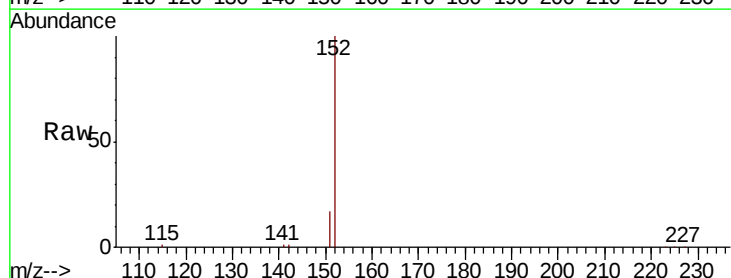
Acq: 16 Aug 2019 04:09

Tgt Ion:152 Resp: 29955

Ion Ratio Lower Upper

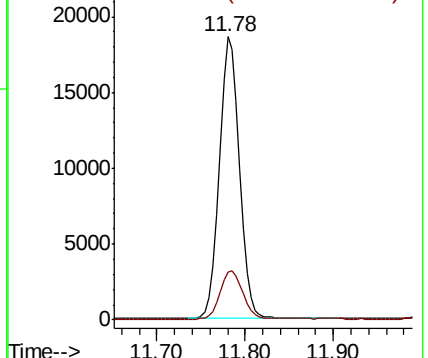
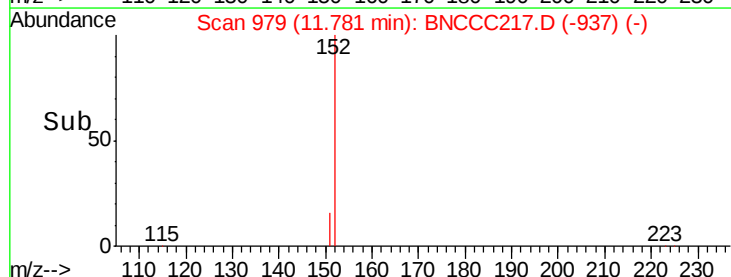
152 100

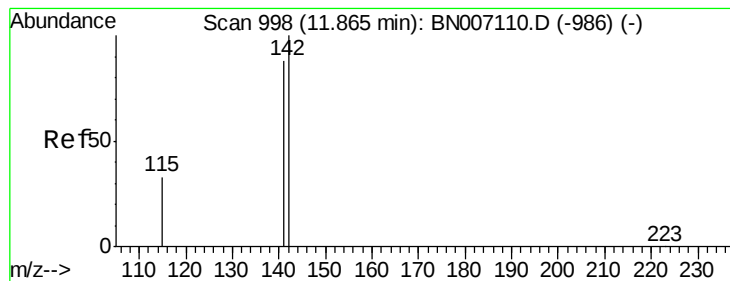
151 19.0 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.375 ng

RT: 11.86 min Scan# 996

Delta R.T. -0.01 min

Lab File: BNCCC217.D

Acq: 16 Aug 2019 04:09

Instrument :

BNA_N

ClientSampled :

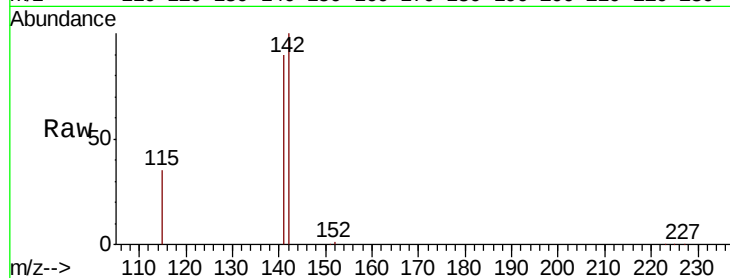
Tot Ion:142 Resp: 32168

Ion Ratio Lower Upper

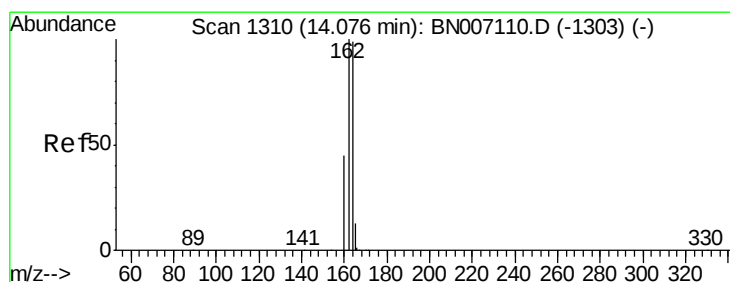
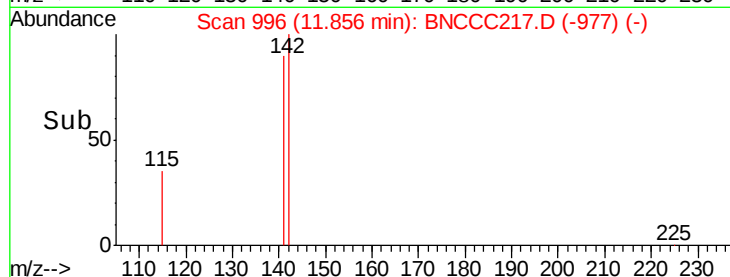
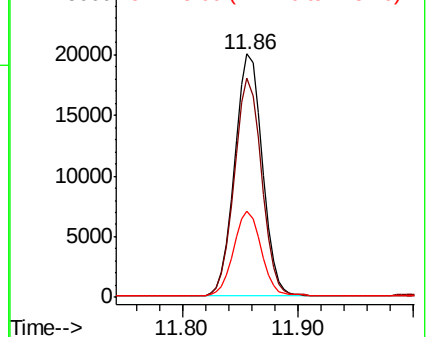
142 100

141 89.8 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: 14.07 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BNCCC217.D

Acq: 16 Aug 2019 04:09

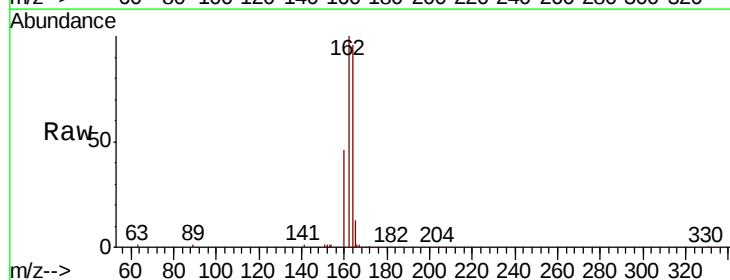
Tgt Ion:164 Resp: 24249

Ion Ratio Lower Upper

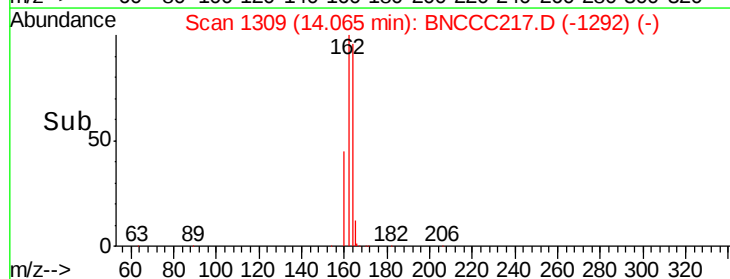
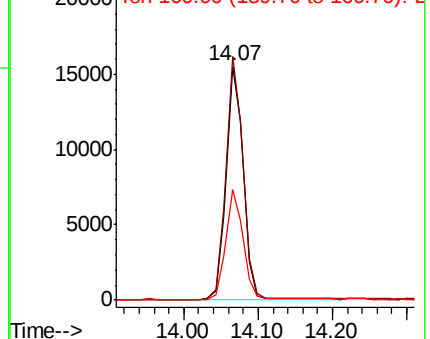
164 100

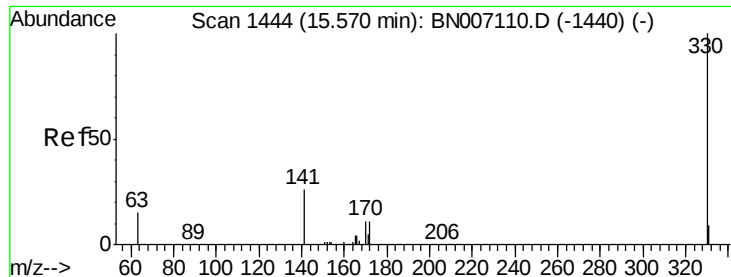
162 104.3 82.2 123.4

160 47.5 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

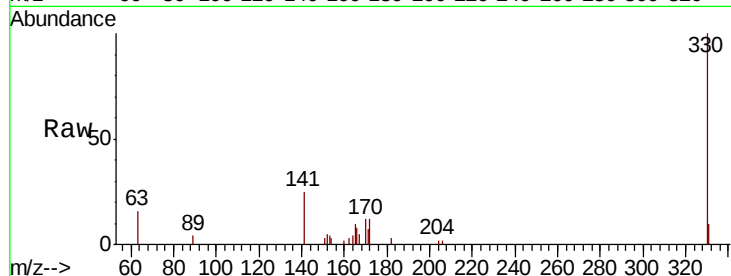




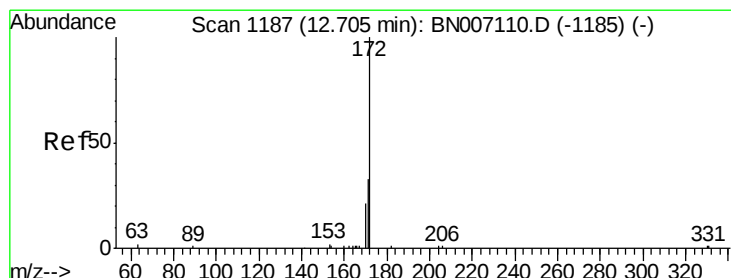
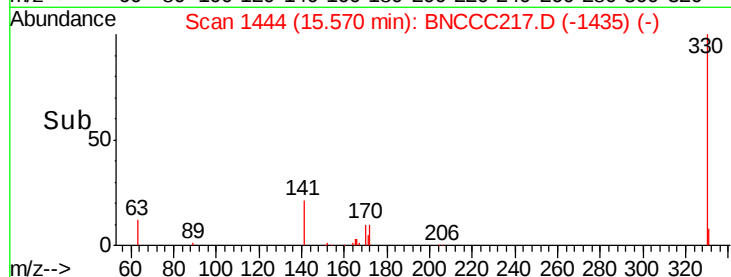
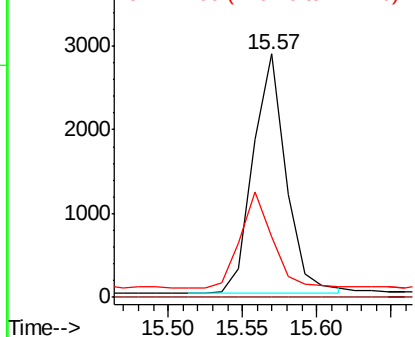
#13
 2,4,6-Tribromophenol
 Concen: 0.336 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BNCCC217.D
 Acq: 16 Aug 2019 04:09

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 4390
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 39.4 33.6 50.4

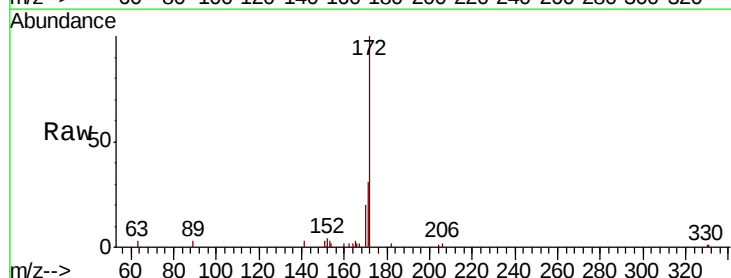


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

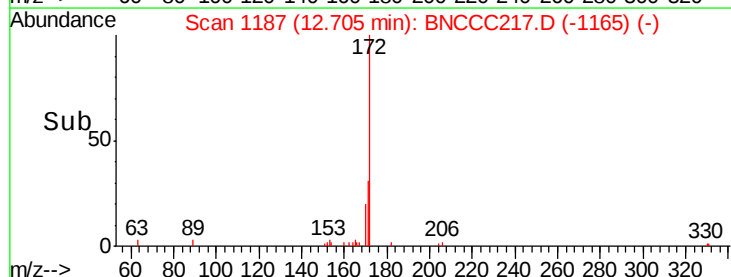
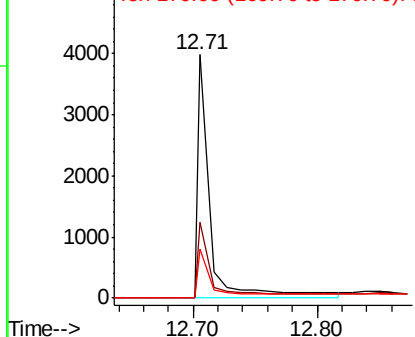


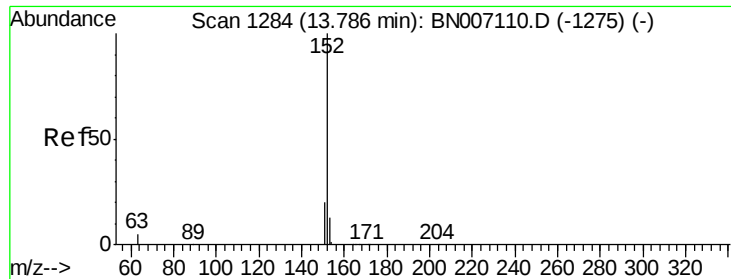
#14
 2-Fluorobiphenyl
 Concen: 0.092 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BNCCC217.D
 Acq: 16 Aug 2019 04:09

Tgt Ion:172 Resp: 3256
 Ion Ratio Lower Upper
 172 100
 171 31.4 26.3 39.5
 170 20.0 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: 0.419 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BNCCC217.D

Acq: 16 Aug 2019 04:09

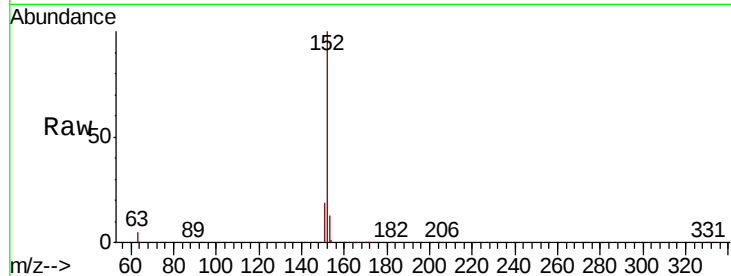
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 53048

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.0	10.4	15.6

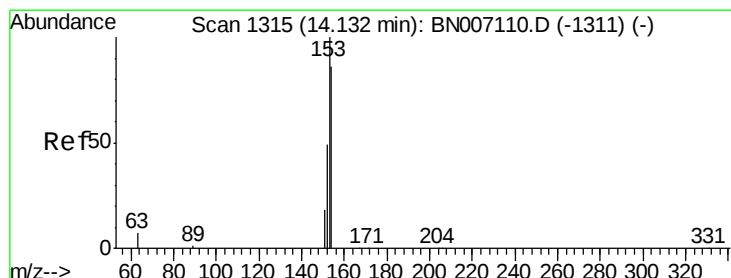
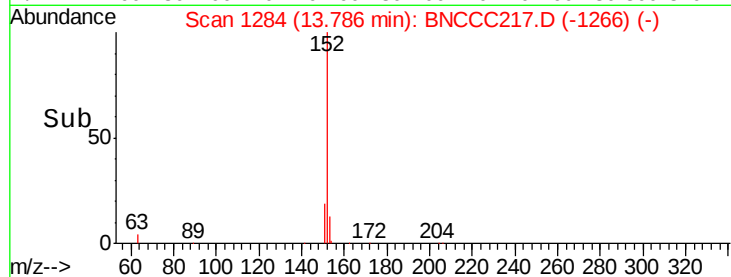
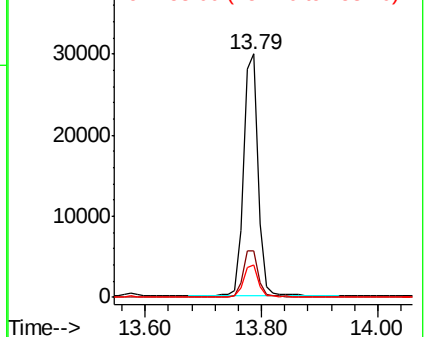


Abundance

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: 0.385 ng

RT: 14.13 min Scan# 1315

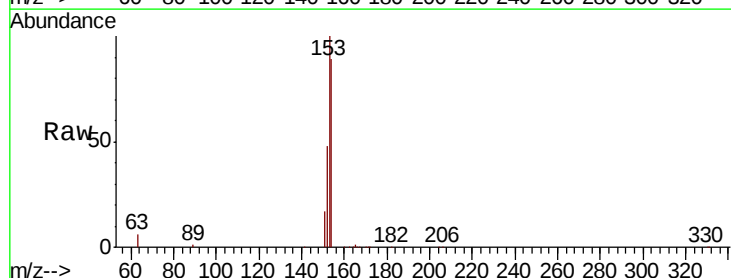
Delta R.T. -0.01 min

Lab File: BNCCC217.D

Acq: 16 Aug 2019 04:09

Tgt Ion:154 Resp: 31264

Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.5	134.3
152	54.9	44.8	67.2

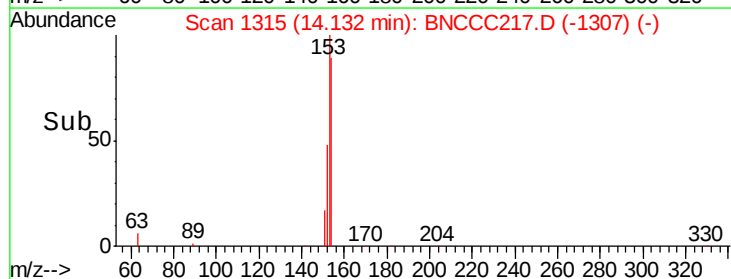
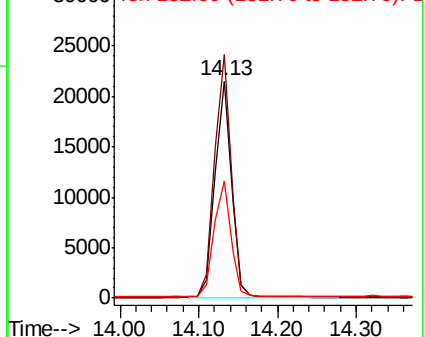


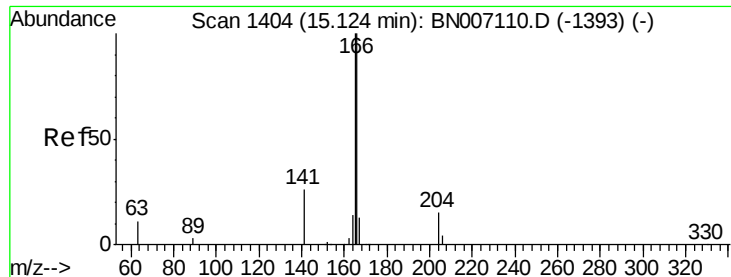
Abundance

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

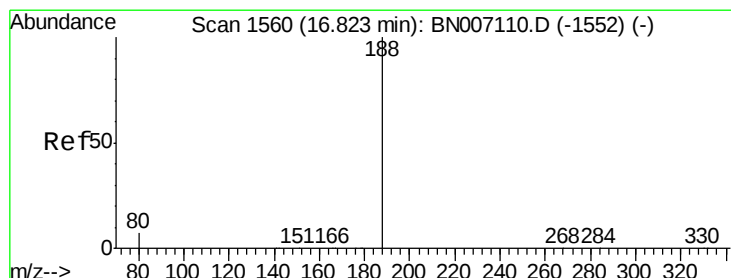
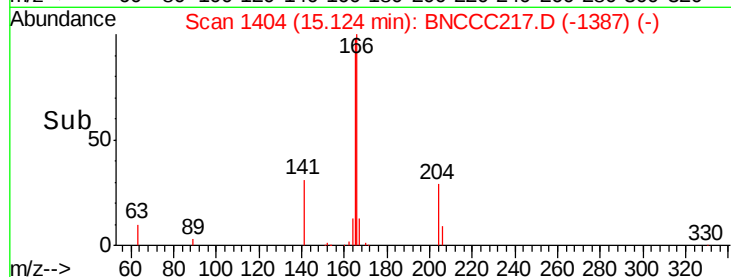
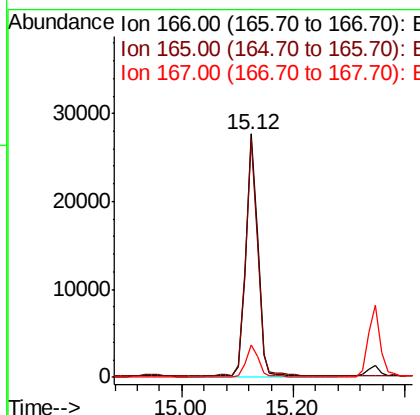
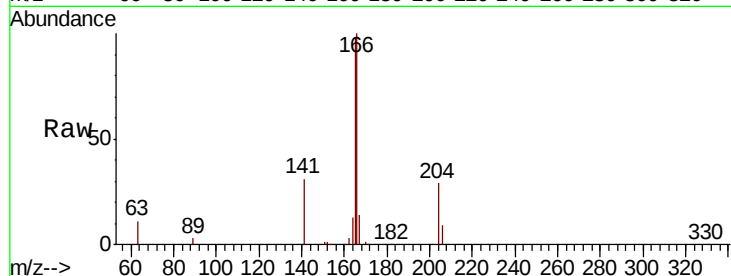




#17
 Fluorene
 Concen: 0.333 ng
 RT: 15.12 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BNCCC217.D
 Acq: 16 Aug 2019 04:09

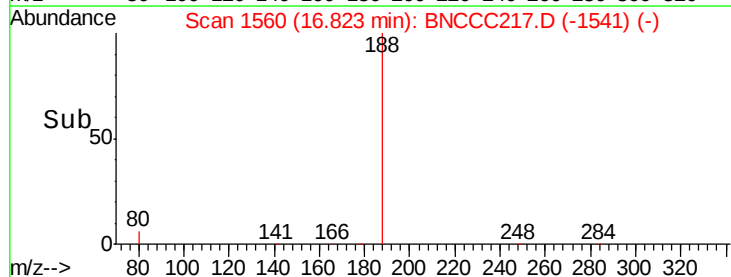
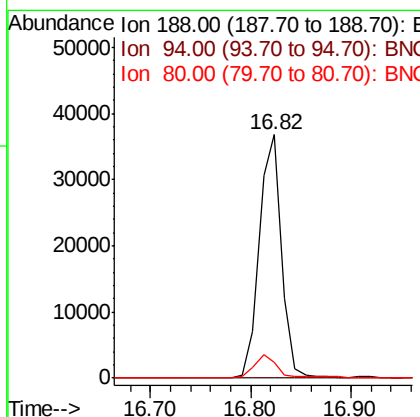
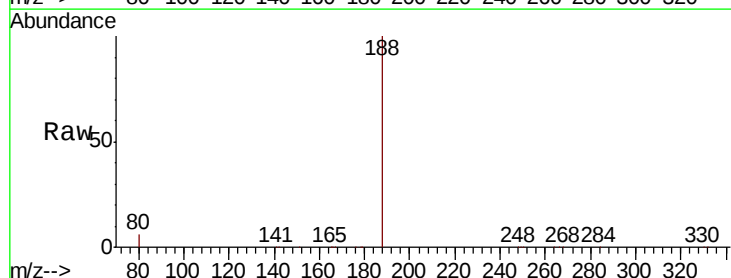
Instrument :
 BNA_N
 ClientSampleId :

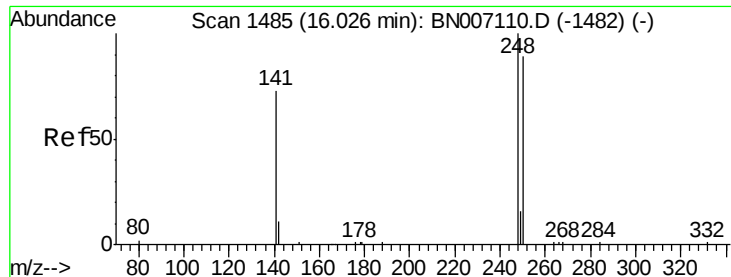
Tot Ion:166 Resp: 40422
 Ion Ratio Lower Upper
 166 100
 165 98.5 77.9 116.9
 167 13.5 10.9 16.3



#18
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.82 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BNCCC217.D
 Acq: 16 Aug 2019 04:09

Tgt Ion:188 Resp: 56686
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 6.2 7.8 11.6#

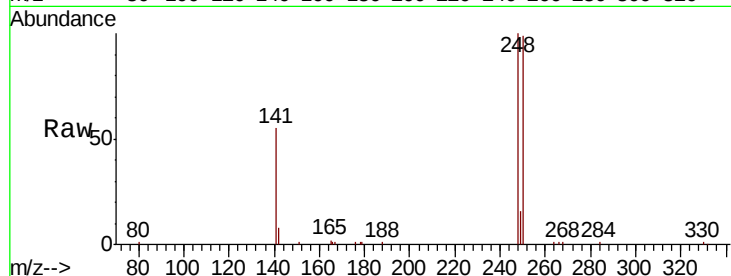




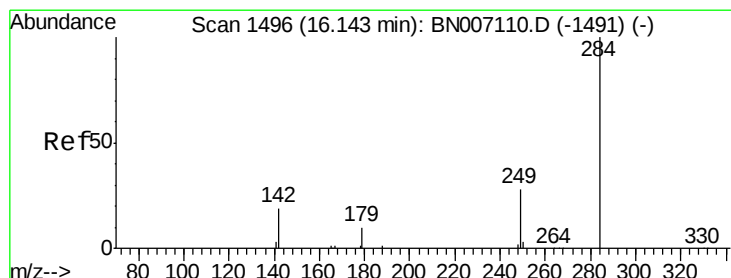
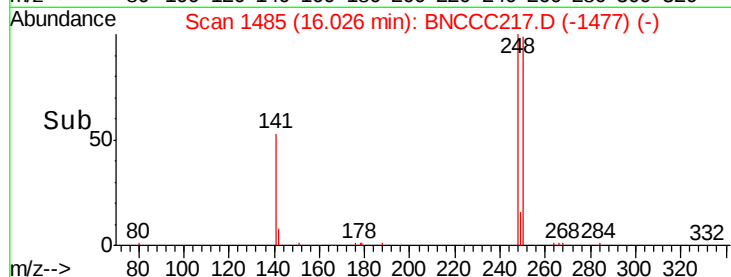
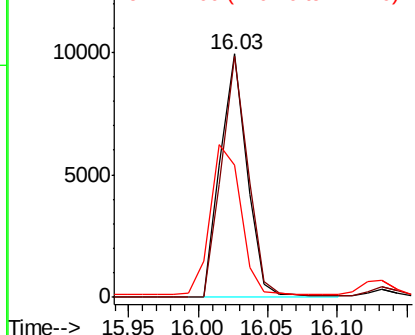
#19
4-Bromophenyl-phenylether
Concen: 0.377 ng
RT: 16.03 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Instrument :
BNA_N
ClientSampled :

Tot Ion:248 Resp: 13223
Ion Ratio Lower Upper
248 100
250 99.1 78.9 118.3
141 54.6 43.3 64.9

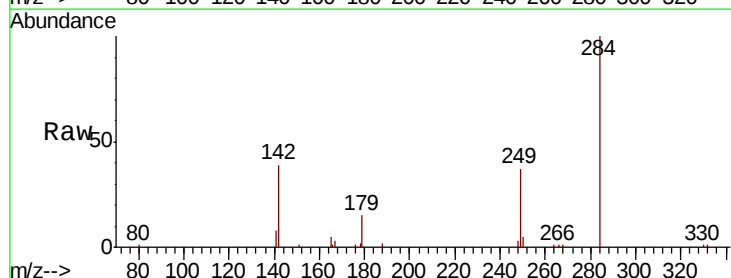


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

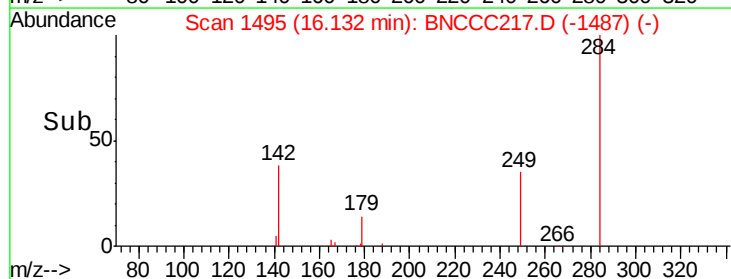
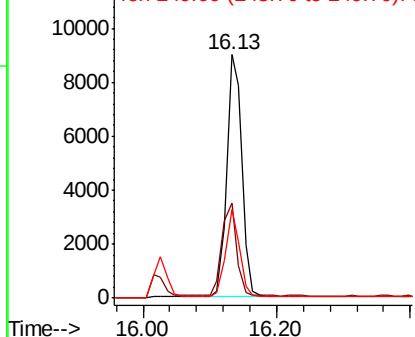


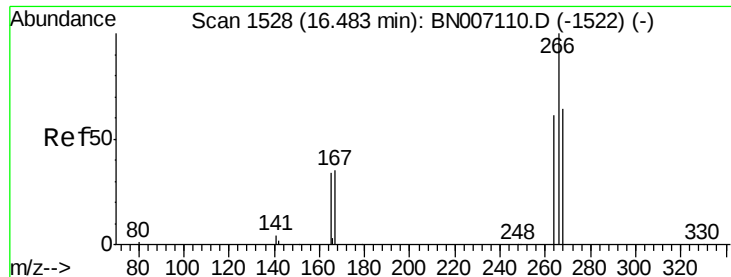
#20
Hexachlorobenzene
Concen: 0.411 ng
RT: 16.13 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Tgt Ion:284 Resp: 13854
Ion Ratio Lower Upper
284 100
142 37.4 30.5 45.7
249 33.3 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

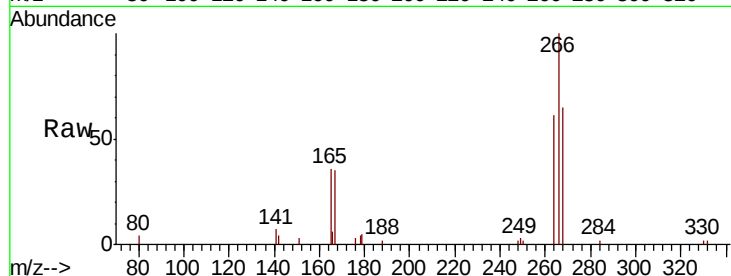




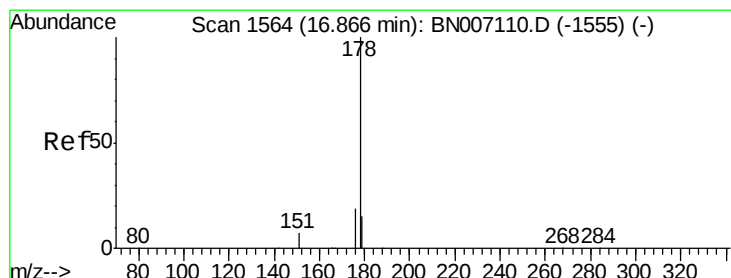
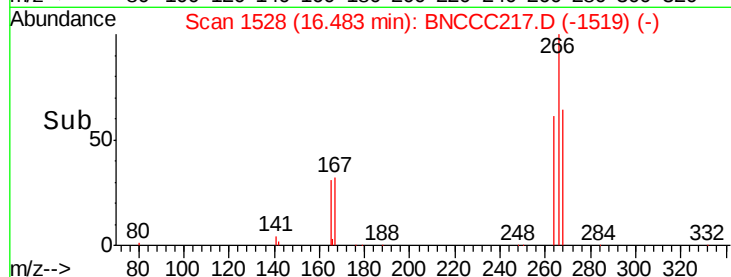
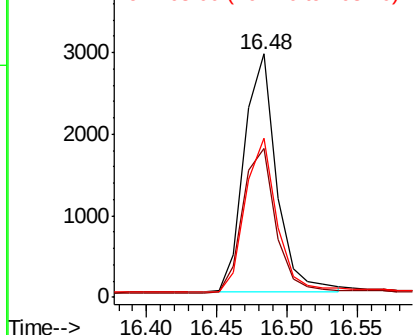
#21
 Pentachlorophenol
 Concen: 0.376 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BNCCC217.D
 Acq: 16 Aug 2019 04:09

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:266	Resp:	4722
Ion Ratio	Lower	Upper
266	100	
264	61.1	52.3 78.5
268	65.1	51.5 77.3

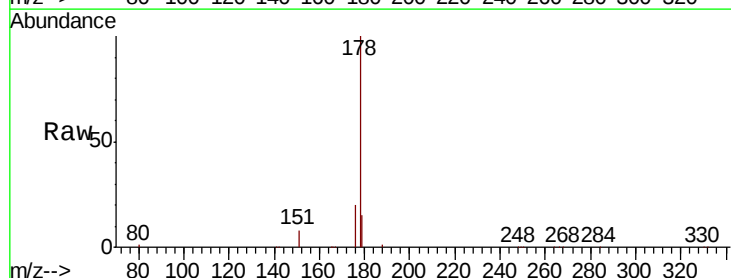


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

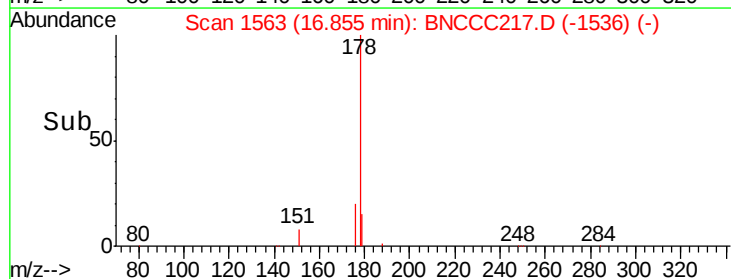
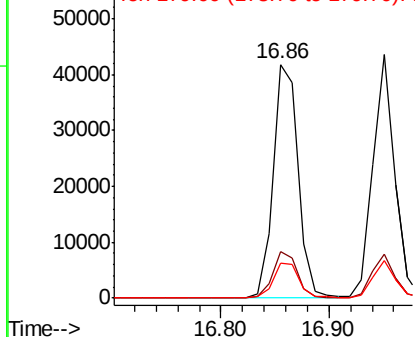


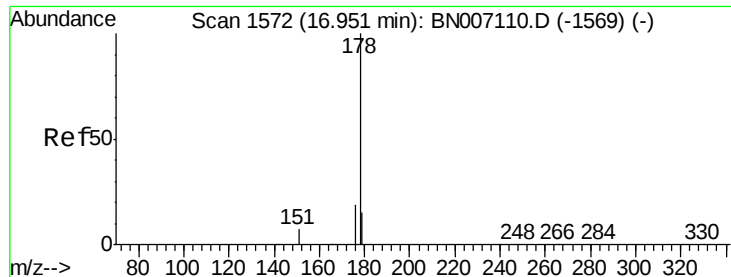
#22
 Phenanthrene
 Concen: 0.389 ng
 RT: 16.86 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BNCCC217.D
 Acq: 16 Aug 2019 04:09

Tgt Ion:178	Resp:	66112
Ion Ratio	Lower	Upper
178	100	
176	19.1	15.2 22.8
179	15.3	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: 0.395 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BNCCC217.D

Acq: 16 Aug 2019 04:09

Instrument :

BNA_N

ClientSampled :

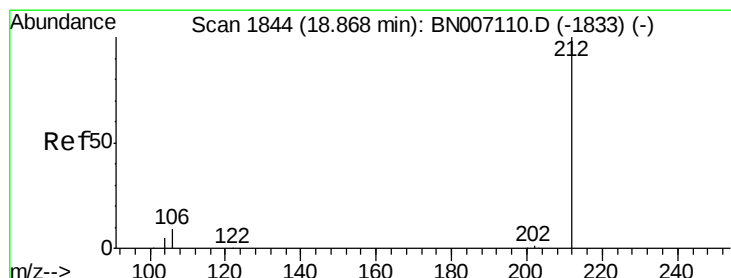
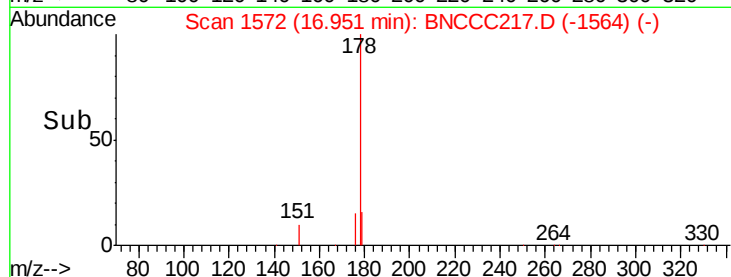
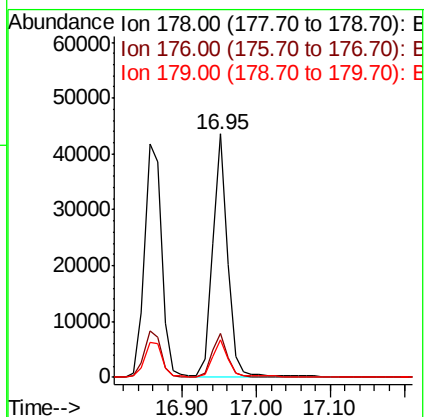
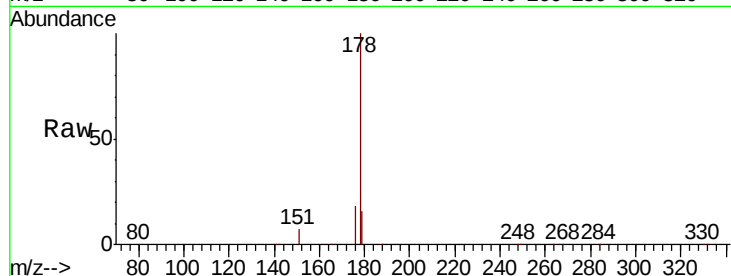
Tot Ion:178 Resp: 61359

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

179 14.9 12.5 18.7



#24

Fluoranthene-d10

Concen: 0.361 ng

RT: 18.86 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BNCCC217.D

Acq: 16 Aug 2019 04:09

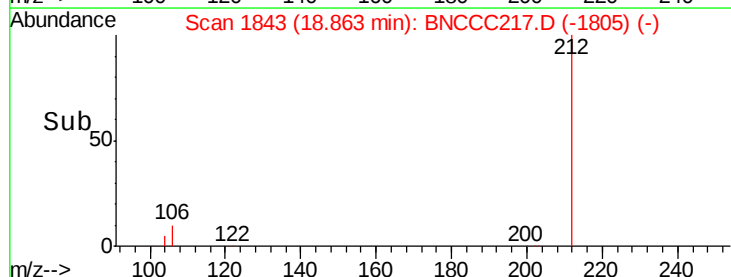
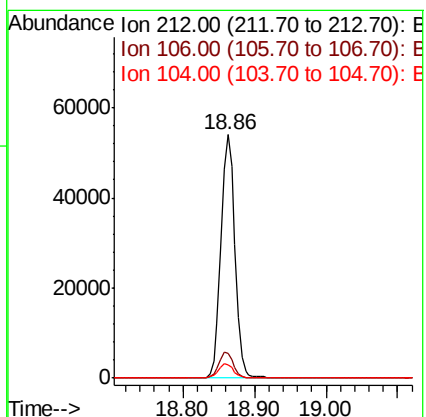
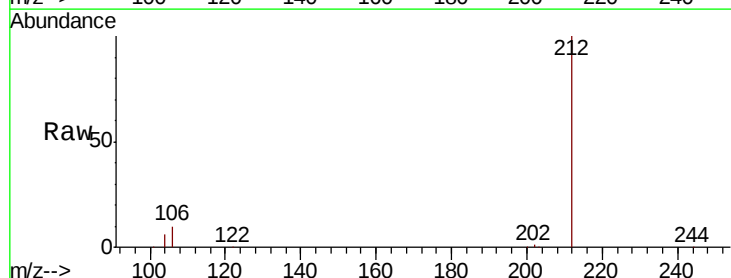
Tgt Ion:212 Resp: 72482

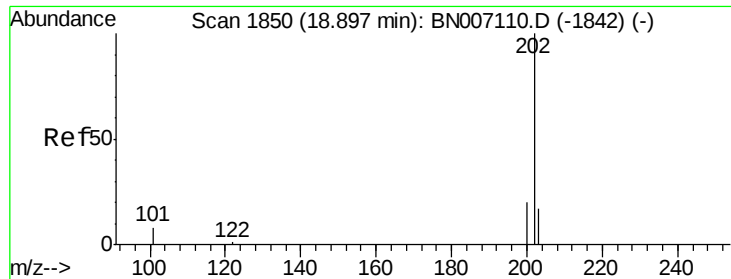
Ion Ratio Lower Upper

212 100

106 10.4 8.2 12.2

104 5.8 4.5 6.7





#25

Fluoranthene

Concen: 0.366 ng

RT: 18.89 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BNCCC217.D

Acq: 16 Aug 2019 04:09

Instrument :

BNA_N

ClientSampleId :

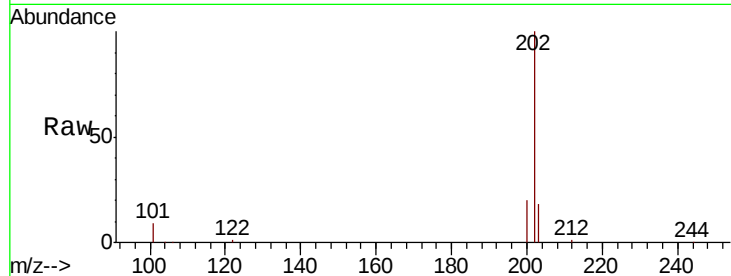
Tot Ion:202 Resp: 79490

Ion Ratio Lower Upper

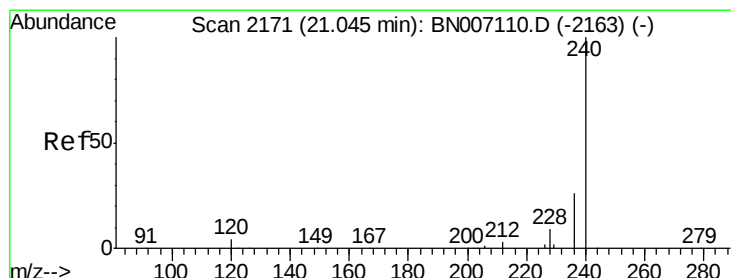
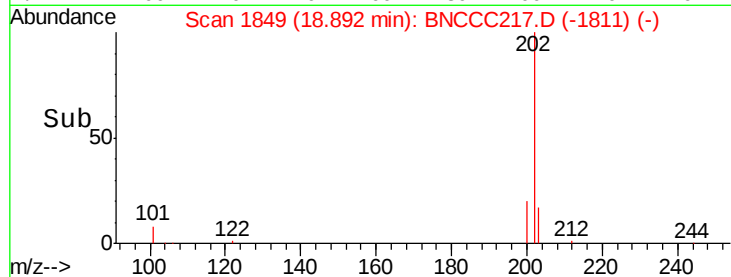
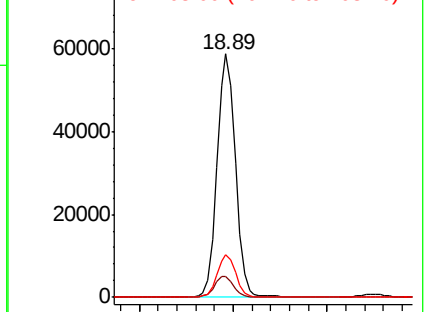
202 100

101 9.1 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: 21.03 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BNCCC217.D

Acq: 16 Aug 2019 04:09

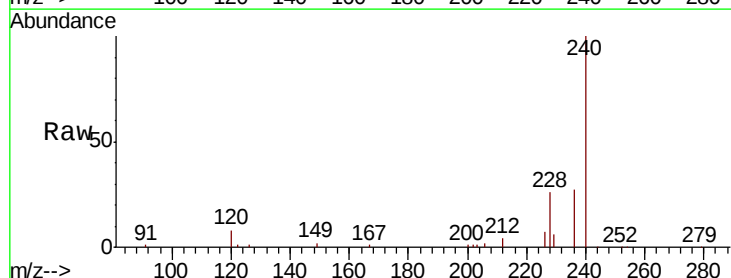
Tgt Ion:240 Resp: 57961

Ion Ratio Lower Upper

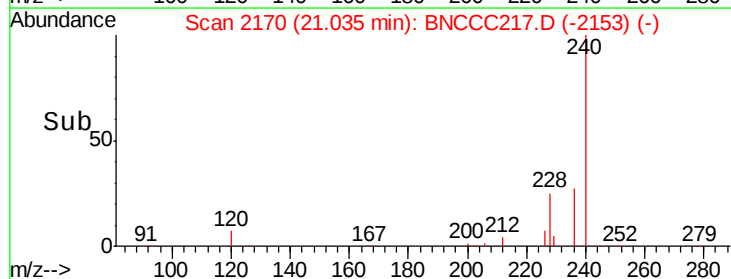
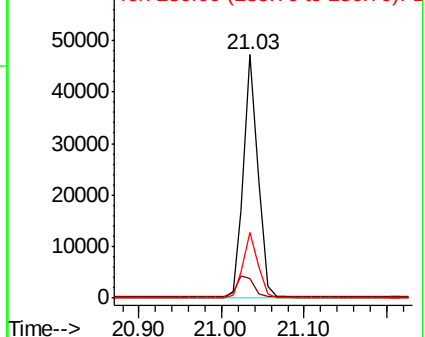
240 100

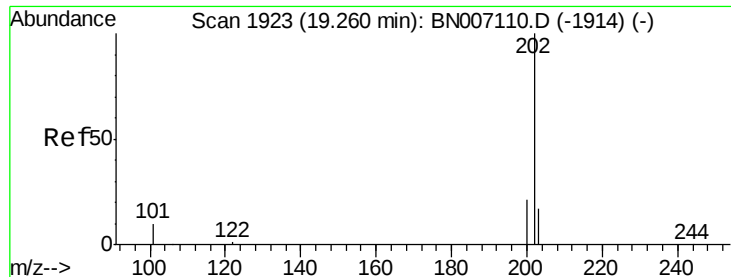
120 7.8 4.0 6.0#

236 26.7 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: 0.413 ng

RT: 19.25 min Scan# 1922

Delta R.T. -0.02 min

Lab File: BNCCC217.D

Acq: 16 Aug 2019 04:09

Instrument :

BNA_N

ClientSampleId :

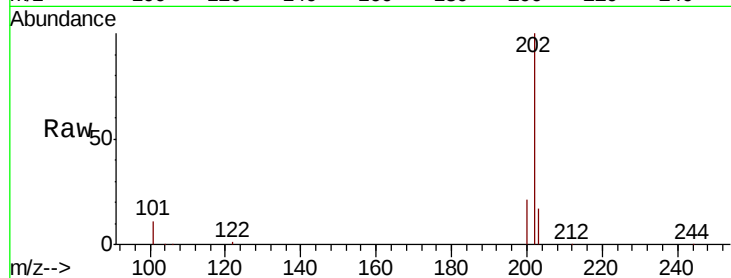
Tot Ion:202 Resp: 83933

Ion Ratio Lower Upper

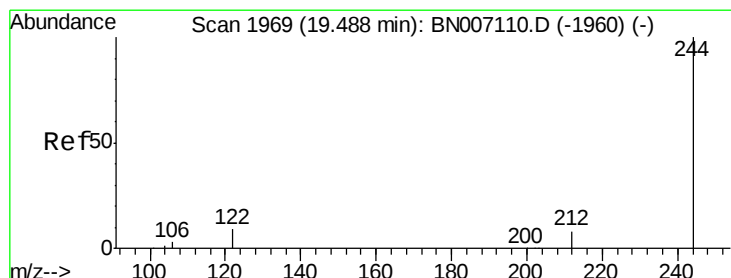
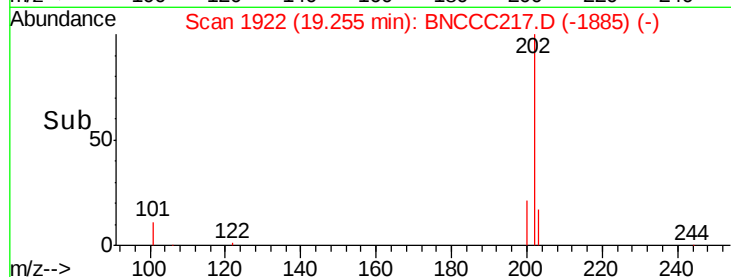
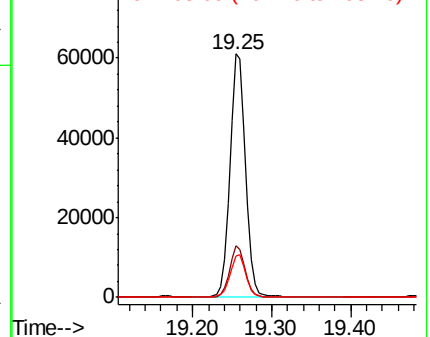
202 100

200 20.8 16.6 24.8

203 17.7 14.0 21.0



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



#28

Terphenyl-d14

Concen: 0.404 ng

RT: 19.48 min Scan# 1968

Delta R.T. -0.02 min

Lab File: BNCCC217.D

Acq: 16 Aug 2019 04:09

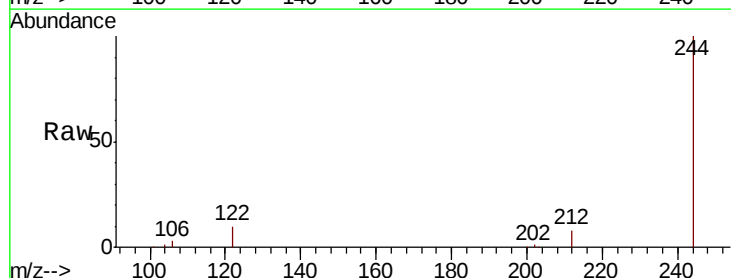
Tgt Ion:244 Resp: 63816

Ion Ratio Lower Upper

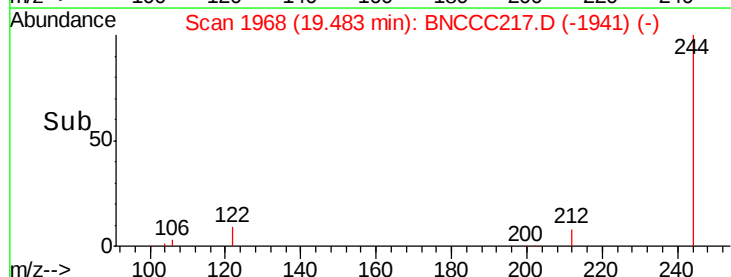
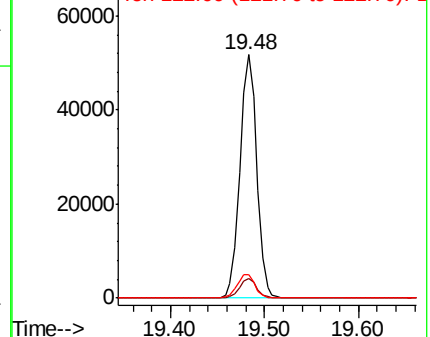
244 100

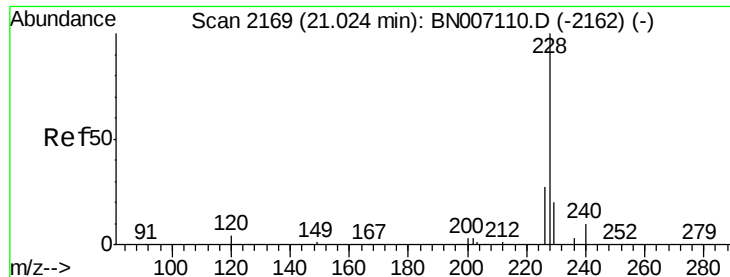
212 7.9 6.2 9.2

122 9.6 7.4 11.2



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





#29

Benzo(a)anthracene

Concen: 0.389 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BNCCC217.D

Acq: 16 Aug 2019 04:09

Instrument :

BNA_N

ClientSampleId :

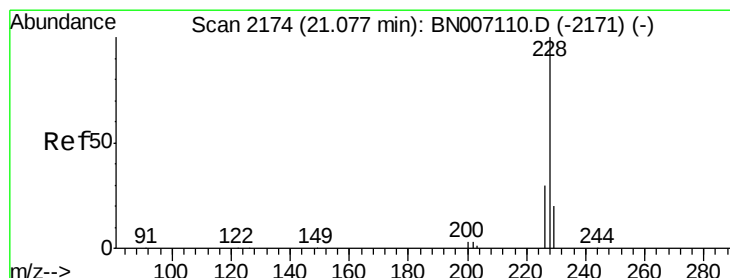
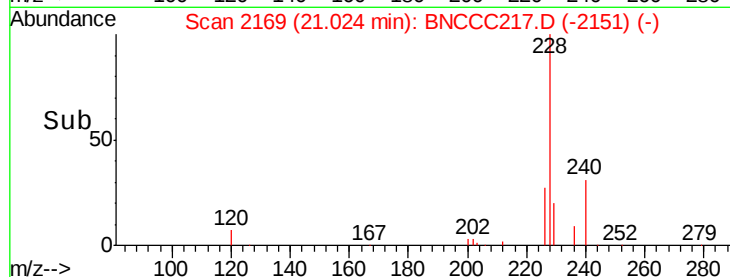
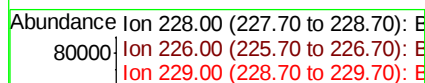
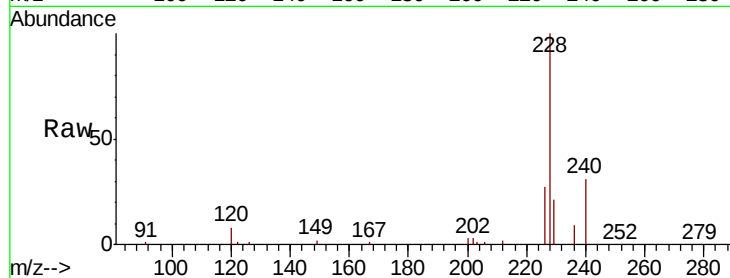
Tot Ion:228 Resp: 82381

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.6

229 20.5 15.6 23.4



#30

Chrysene

Concen: 0.393 ng

RT: 21.07 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BNCCC217.D

Acq: 16 Aug 2019 04:09

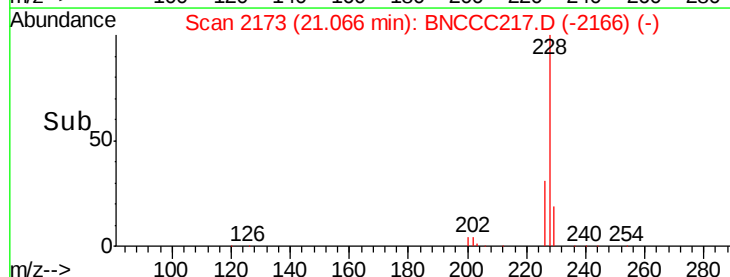
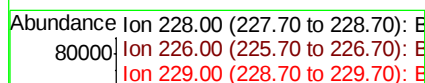
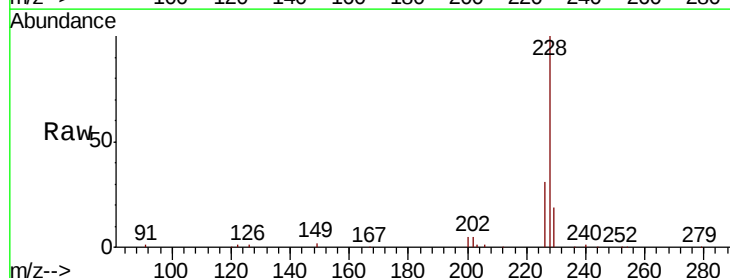
Tgt Ion:228 Resp: 80993

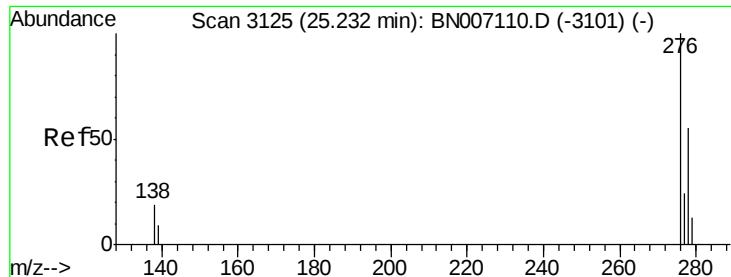
Ion Ratio Lower Upper

228 100

226 31.1 23.8 35.6

229 19.3 15.7 23.5

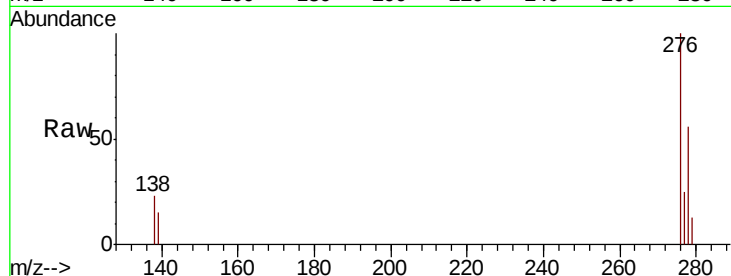




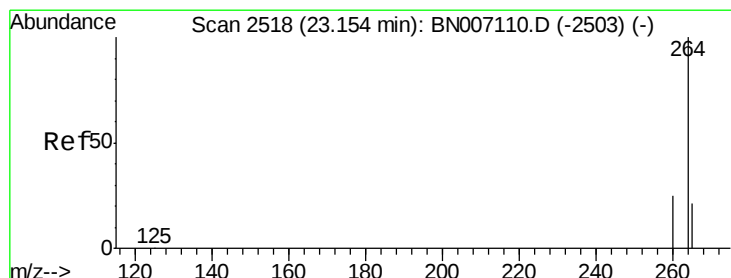
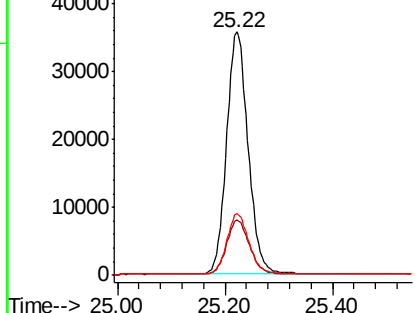
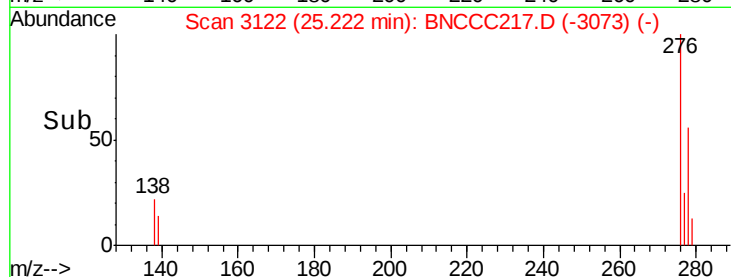
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.438 ng
RT: 25.22 min Scan# 3122
Delta R.T. -0.03 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 99410
Ion Ratio Lower Upper
276 100
138 23.0 16.0 24.0
277 25.0 19.9 29.9

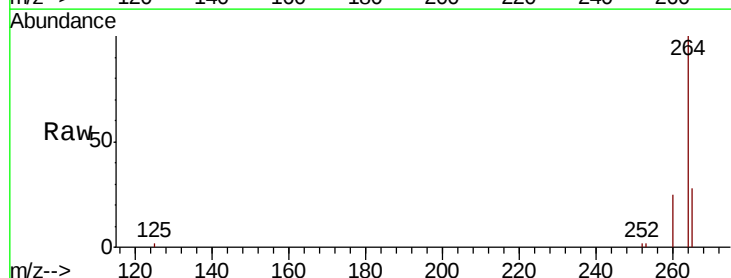


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

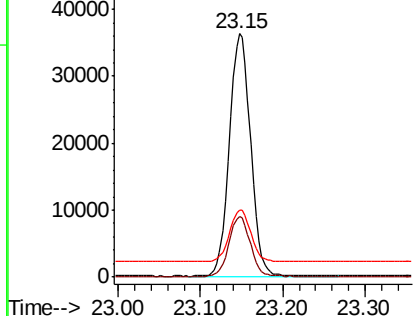
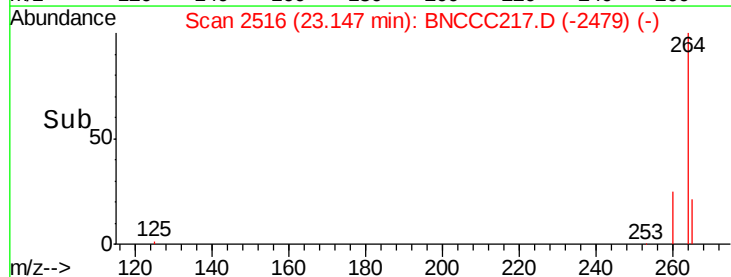


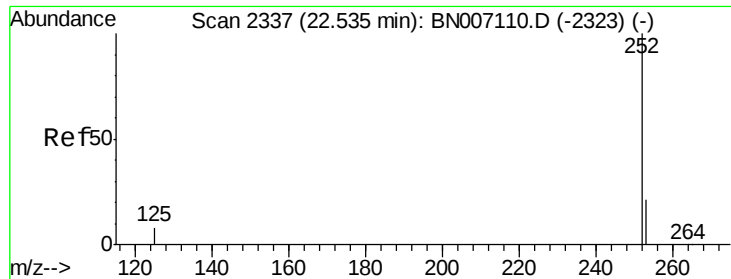
#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2516
Delta R.T. -0.02 min
Lab File: BNCCC217.D
Acq: 16 Aug 2019 04:09

Tgt Ion:264 Resp: 64973
Ion Ratio Lower Upper
264 100
260 24.8 19.8 29.8
265 27.6 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: 0.379 ng

RT: 22.53 min Scan# 2335

Delta R.T. -0.02 min

Lab File: BNCCC217.D

Acq: 16 Aug 2019 04:09

Instrument :

BNA_N

ClientSampleId :

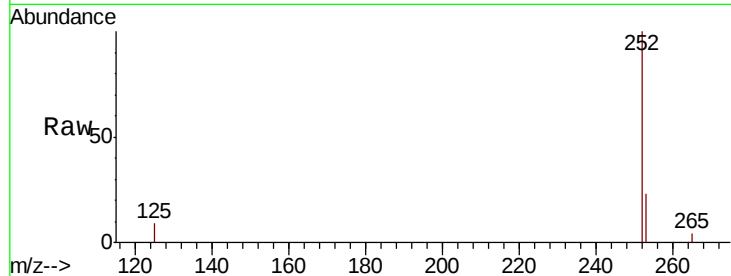
Tot Ion:252 Resp: 84344

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

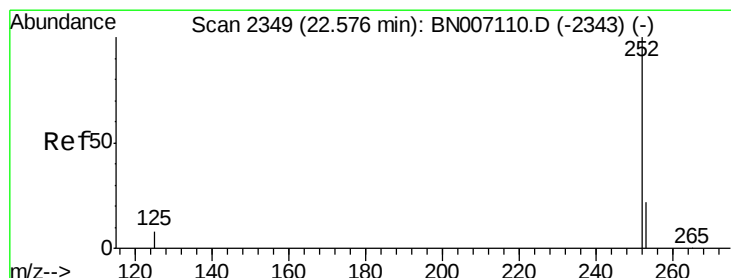
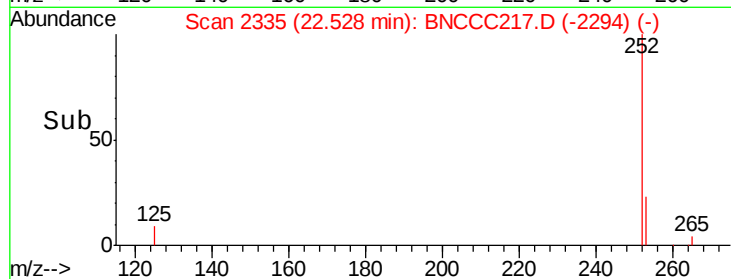
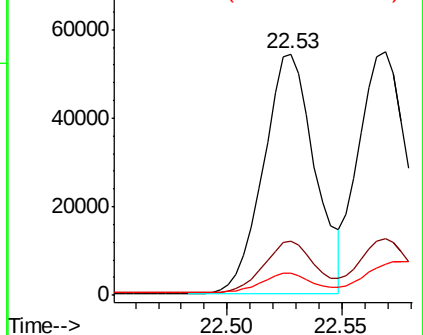
125 9.3 7.4 11.0



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: 0.383 ng

RT: 22.53 min Scan# 2335

Delta R.T. -0.06 min

Lab File: BNCCC217.D

Acq: 16 Aug 2019 04:09

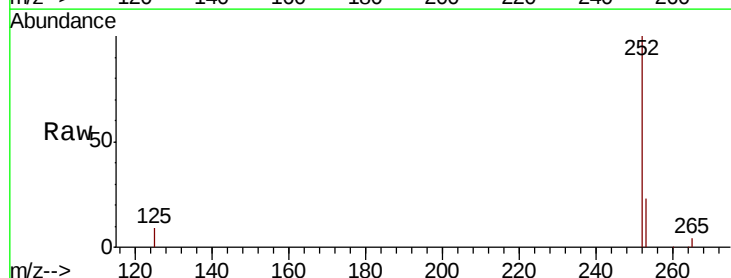
Tgt Ion:252 Resp: 84344

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

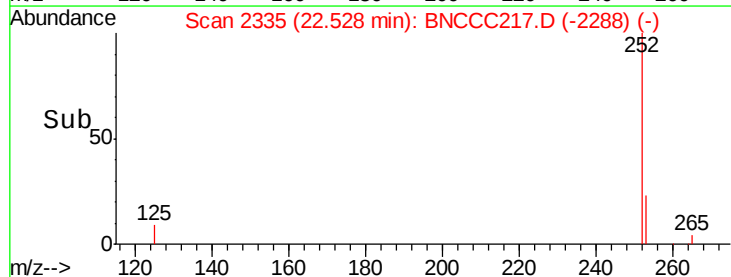
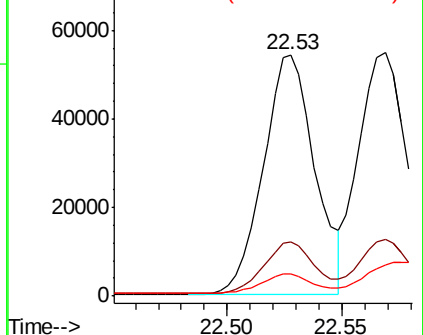
125 9.3 7.4 11.0

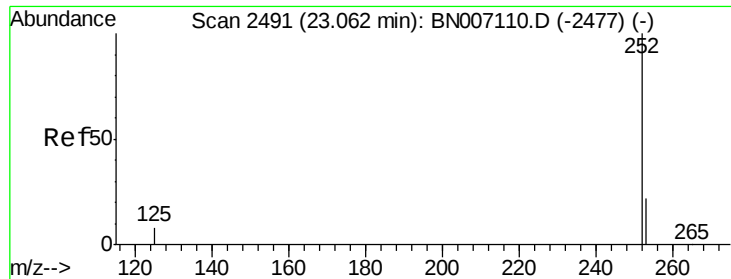


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.382 ng

RT: 23.05 min Scan# 2489

Delta R.T. -0.03 min

Lab File: BNCCC217.D

Acq: 16 Aug 2019 04:09

Instrument :

BNA_N

ClientSampleId :

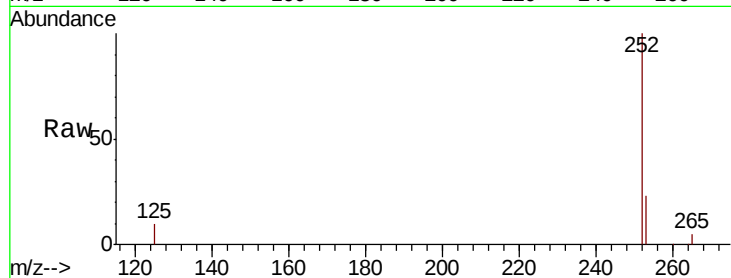
Tot Ion:252 Resp: 77227

Ion Ratio Lower Upper

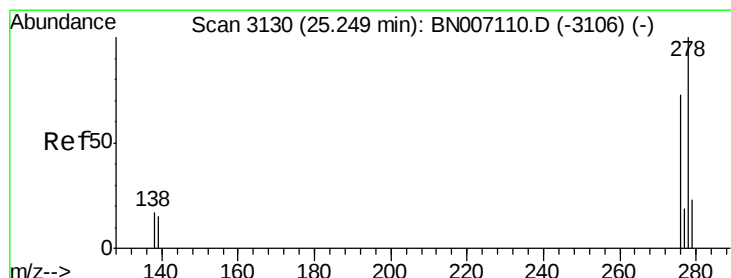
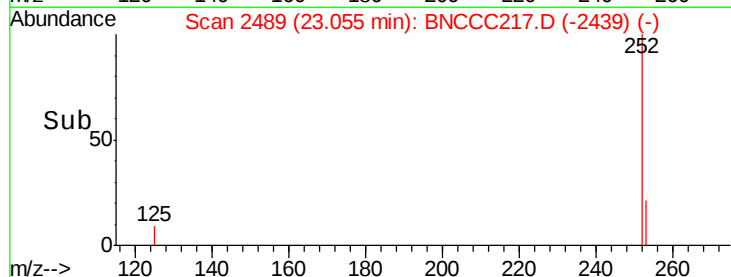
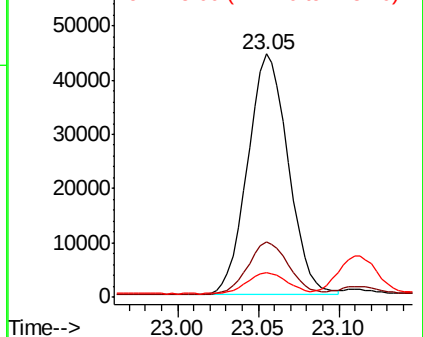
252 100

253 22.6 18.5 27.7

125 10.3 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: 0.399 ng

RT: 25.24 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BNCCC217.D

Acq: 16 Aug 2019 04:09

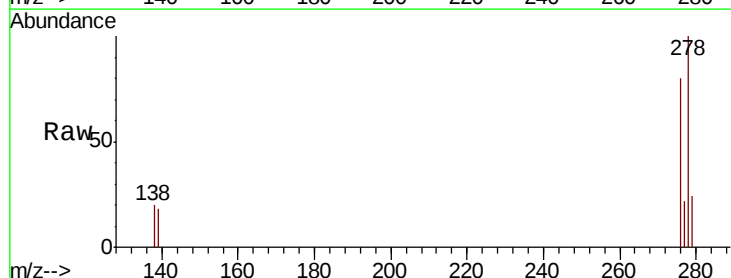
Tgt Ion:278 Resp: 80351

Ion Ratio Lower Upper

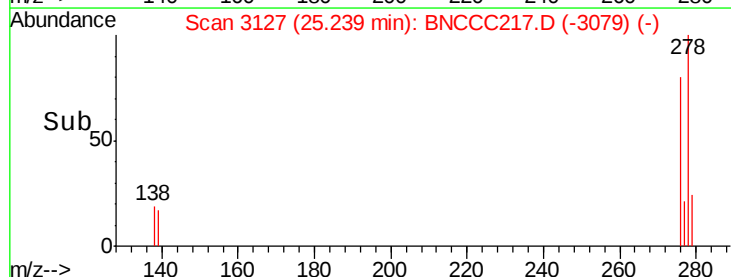
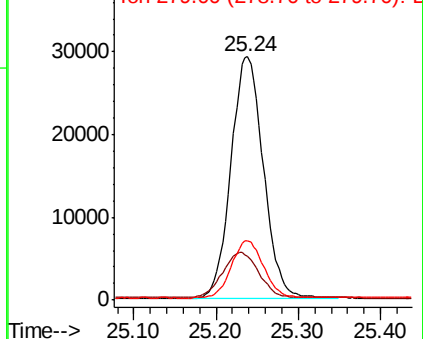
278 100

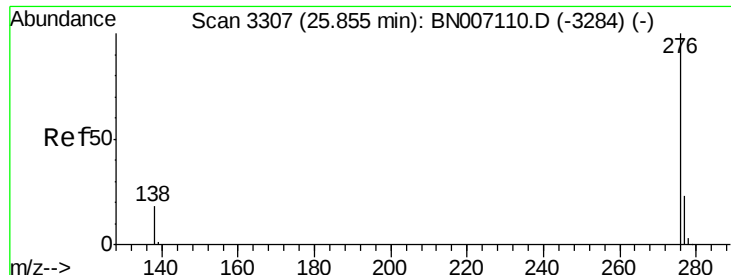
139 18.2 11.3 16.9#

279 24.3 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: 0.381 ng

RT: 25.85 min Scan# 3305

Delta R.T. -0.03 min

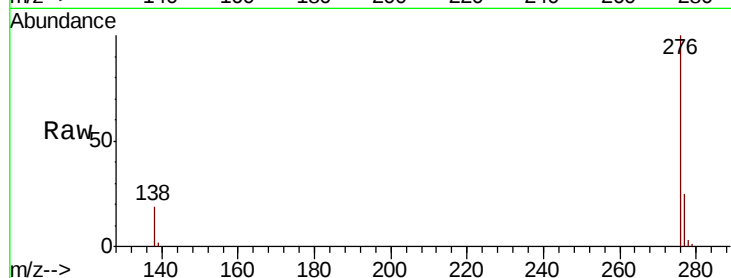
Lab File: BNCCC217.D

Acq: 16 Aug 2019 04:09

Instrument :

BNA_N

ClientSampleId :



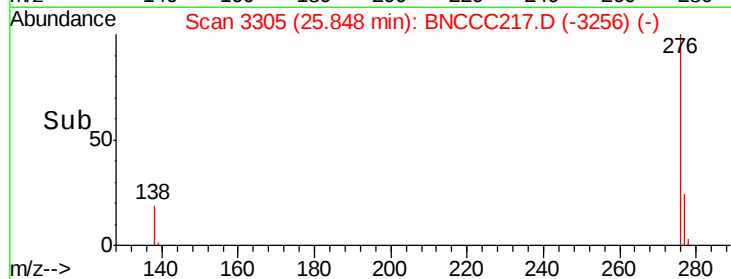
Tot Ion: 276 Resp: 79012

Ion Ratio Lower Upper

276 100

277 24.7 19.8 29.8

138 19.3 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

