

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
 Data File : BN007108.D
 Acq On : 12 Aug 2019 21:18
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Aug 13 04:17:23 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	8326	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	31744	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	17982	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	43187	0.40	ng	0.00
26) Chrysene-d12	21.05	240	43885	0.40	ng	-0.01
32) Perylene-d12	23.16	264	48405	0.40	ng	-0.01

System Monitoring Compounds						
3) 2-Fluorophenol	5.06	112	8178	0.41	ng	0.00
4) Phenol-d6	6.61	99	10573	0.43	ng	0.00
7) Nitrobenzene-d5	8.56	82	10163	0.40	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	21989	0.37	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	3091	0.32	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	5942	0.23	ng	0.00
24) Fluoranthene-d10	18.87	212	55923	0.37	ng	0.00
28) Terphenyl-d14	19.49	244	48449	0.41	ng	-0.01

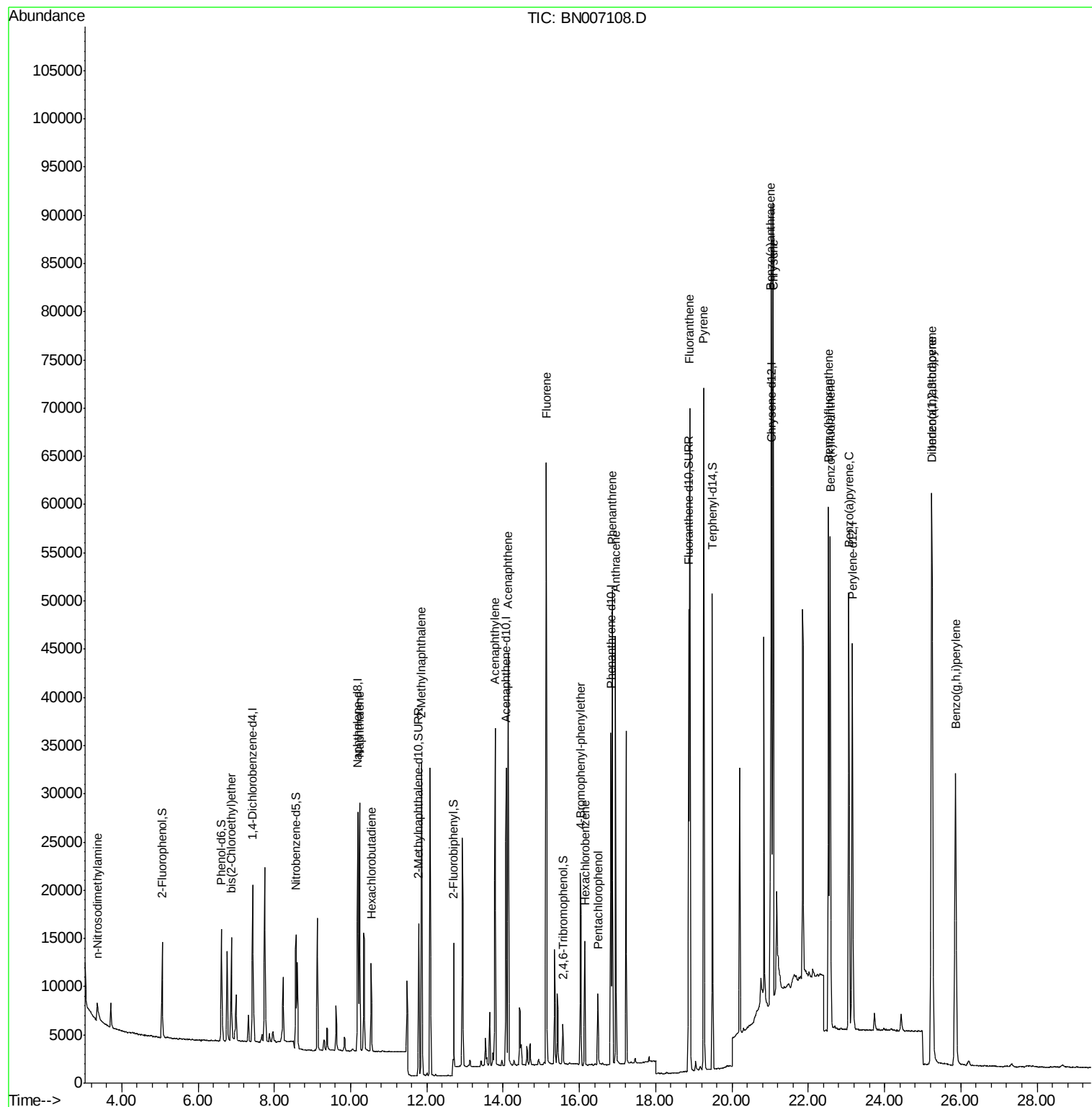
Target Compounds				Qvalue		
2) n-Nitrosodimethylamine	3.36	42	2007	0.366	ng	# 94
5) bis(2-Chloroethyl)ether	6.87	93	8926	0.407	ng	98
8) Naphthalene	10.24	128	33415	0.375	ng	99
9) Hexachlorobutadiene	10.54	225	7206	0.380	ng	# 98
11) 2-Methylnaphthalene	11.86	142	23524	0.373	ng	97
15) Acenaphthylene	13.79	152	37732	0.401	ng	100
16) Acenaphthene	14.13	154	22706	0.377	ng	100
17) Fluorene	15.14	166	29948	0.332	ng	99
19) 4-Bromophenyl-phenylether	16.03	248	10525	0.394	ng	# 86
20) Hexachlorobenzene	16.14	284	10325	0.402	ng	99
21) Pentachlorophenol	16.48	266	3579	0.374	ng	96
22) Phenanthrene	16.87	178	49812	0.385	ng	100
23) Anthracene	16.95	178	46062	0.390	ng	99
25) Fluoranthene	18.90	202	61009	0.368	ng	100
27) Pyrene	19.26	202	62994	0.409	ng	100
29) Benzo(a)anthracene	21.02	228	65321	0.407	ng	98
30) Chrysene	21.08	228	61327	0.393	ng	99
31) Indeno(1,2,3-cd)pyrene	25.24	276	72641	0.423	ng	99
33) Benzo(b)fluoranthene	22.53	252	63852	0.385	ng	99
34) Benzo(k)fluoranthene	22.58	252	62696	0.382	ng	98
35) Benzo(a)pyrene	23.07	252	59265	0.394	ng	99
36) Dibenzo(a,h)anthracene	25.25	278	58812	0.392	ng	97
37) Benzo(g,h,i)perylene	25.86	276	59565	0.386	ng	99

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

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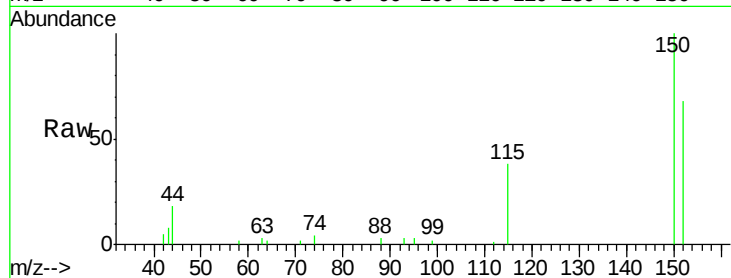


#1

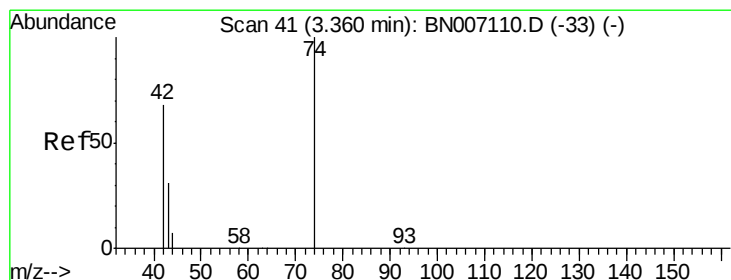
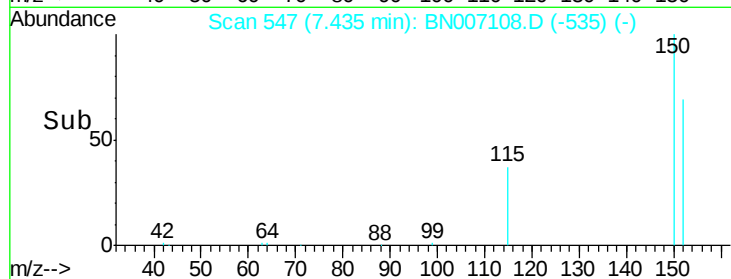
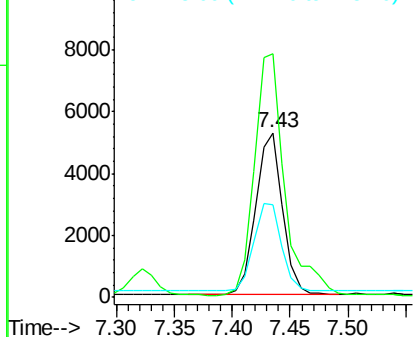
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007108.D
Acq: 12 Aug 2019 21:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 8326
Ion Ratio Lower Upper
152 100
150 147.9 121.7 182.5
115 56.0 46.2 69.4



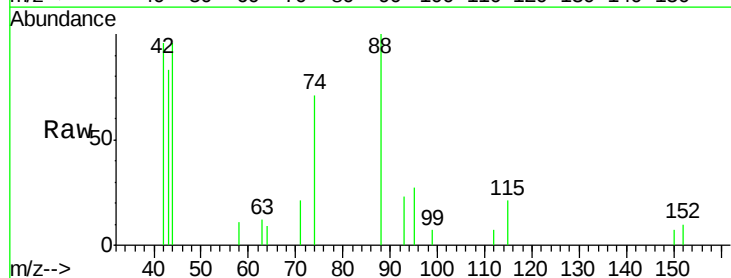
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



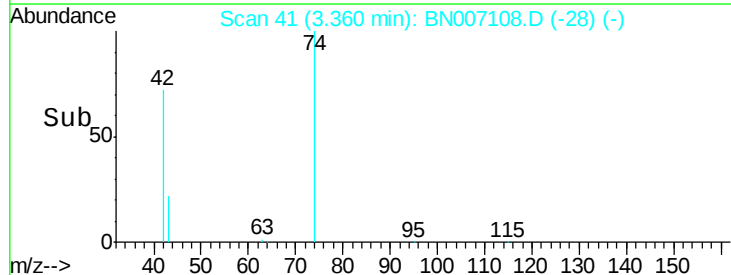
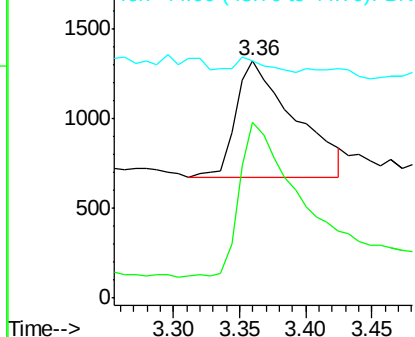
#2

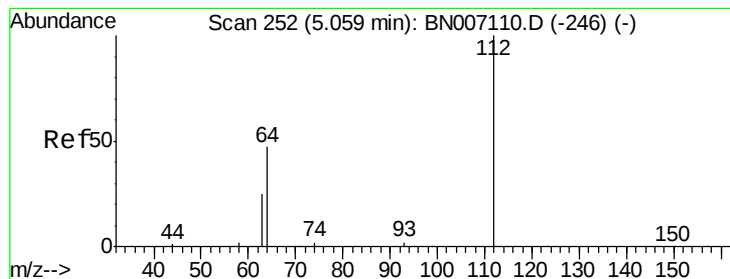
n-Nitrosodimethylamine
Concen: 0.366 ng
RT: 3.36 min Scan# 41
Delta R.T. 0.00 min
Lab File: BN007108.D
Acq: 12 Aug 2019 21:18

Tgt Ion: 42 Resp: 2007
Ion Ratio Lower Upper
42 100
74 131.5 110.6 166.0
44 5.2 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: 0.409 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007108.D

Acq: 12 Aug 2019 21:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

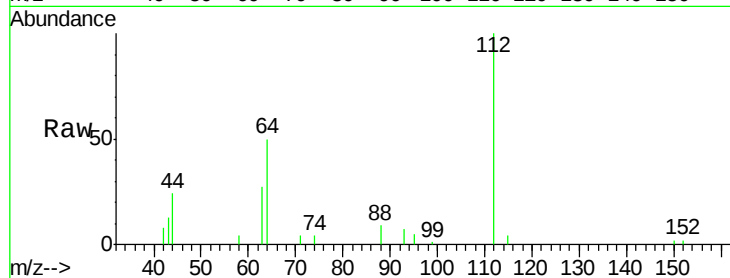
Tot Ion:112 Resp: 8178

Ion Ratio Lower Upper

112 100

64 53.0 42.6 63.8

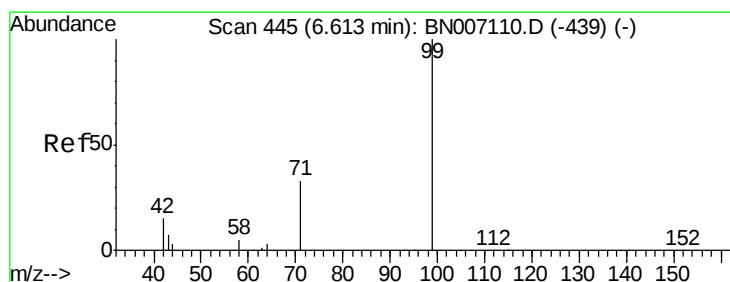
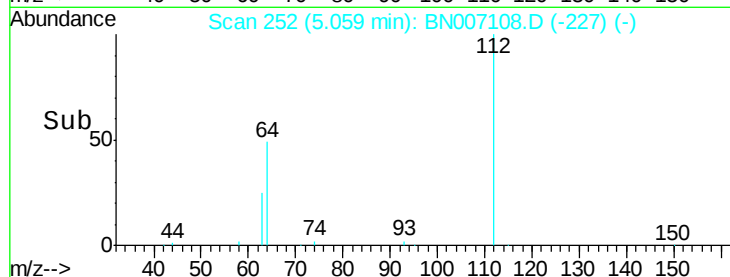
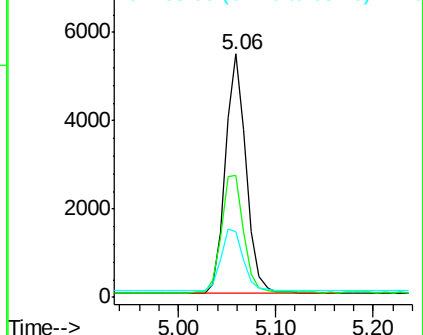
63 28.1 22.2 33.2



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: 0.427 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007108.D

Acq: 12 Aug 2019 21:18

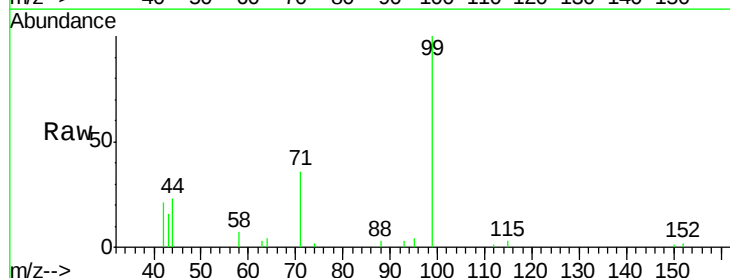
Tgt Ion: 99 Resp: 10573

Ion Ratio Lower Upper

99 100

42 19.3 15.8 23.6

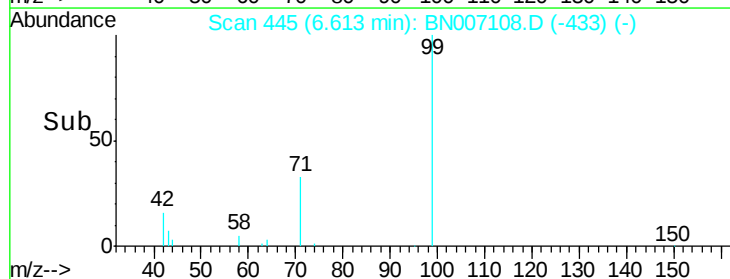
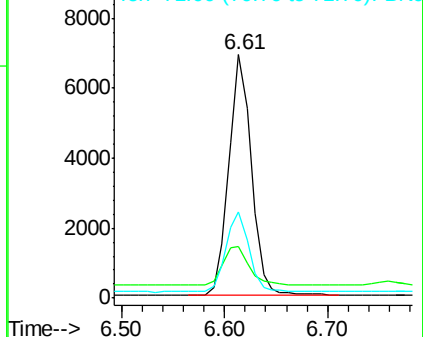
71 34.4 27.0 40.4

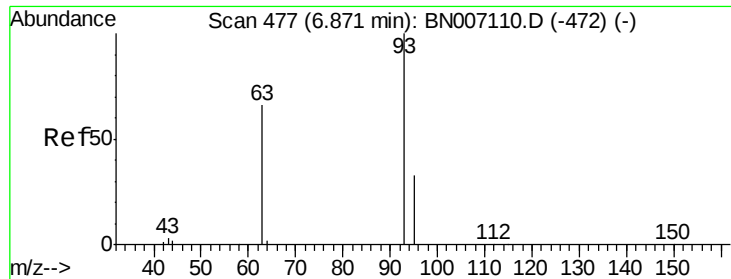


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#5

bis(2-Chloroethyl)ether

Concen: 0.407 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.00 min

Lab File: BN007108.D

Acq: 12 Aug 2019 21:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

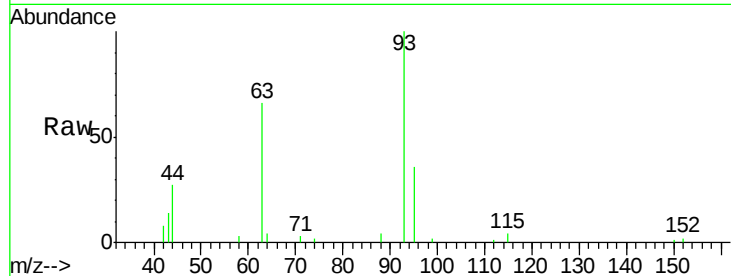
Tot Ion: 93 Resp: 8926

Ion Ratio Lower Upper

93 100

63 67.7 55.6 83.4

95 32.7 26.7 40.1

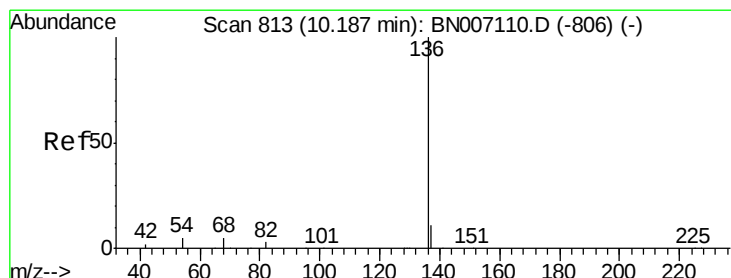
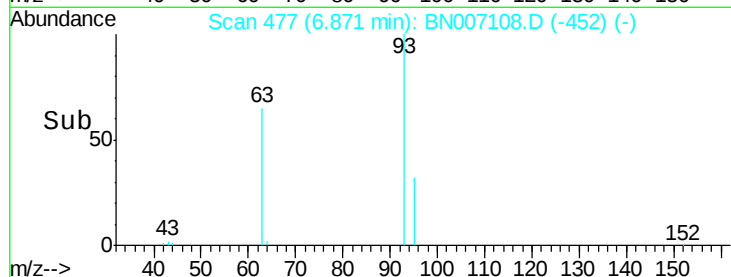
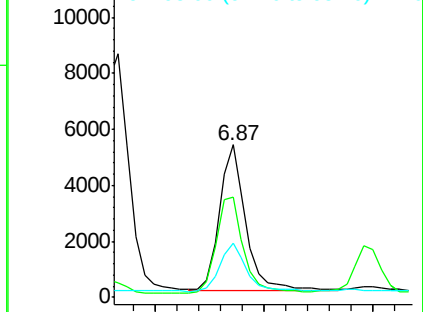


Abundance

Ion 93.00 (92.70 to 93.70): BN007110.D (-472) (-)

Ion 63.00 (62.70 to 63.70): BN007110.D (-472) (-)

Ion 95.00 (94.70 to 95.70): BN007110.D (-472) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007108.D

Acq: 12 Aug 2019 21:18

Tgt Ion: 136 Resp: 31744

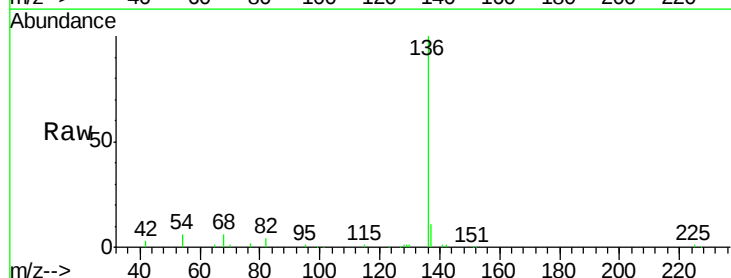
Ion Ratio Lower Upper

136 100

137 11.5 9.4 14.0

54 6.0 6.6 9.8#

68 5.9 6.0 9.0#



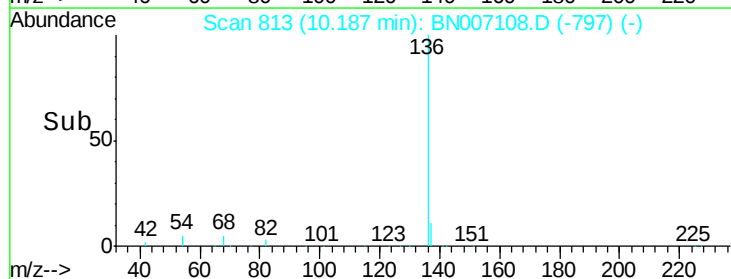
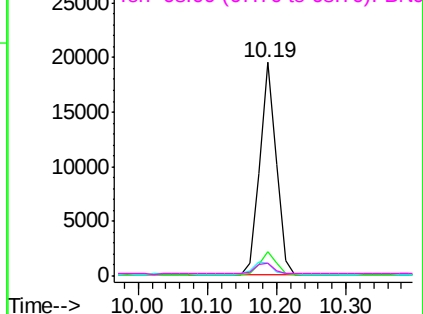
Abundance

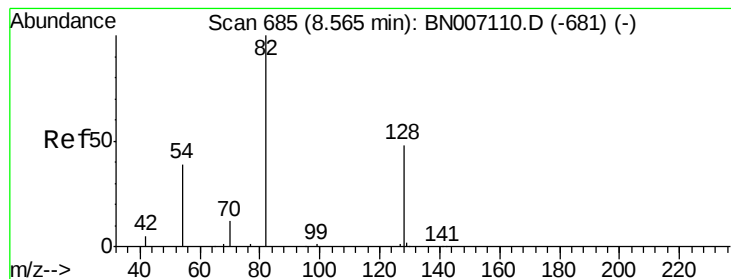
Ion 136.00 (135.70 to 136.70): BN007110.D (-806) (-)

Ion 137.00 (136.70 to 137.70): BN007110.D (-806) (-)

Ion 54.00 (53.70 to 54.70): BN007110.D (-806) (-)

Ion 68.00 (67.70 to 68.70): BN007110.D (-806) (-)





#7

Nitrobenzene-d5

Concen: 0.397 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007108.D

Acq: 12 Aug 2019 21:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

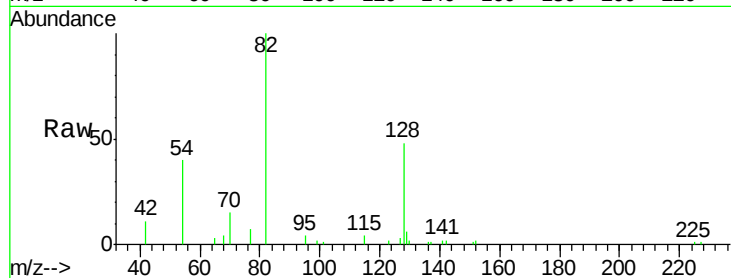
Tot Ion: 82 Resp: 10163

Ion Ratio Lower Upper

82 100

128 48.4 34.6 51.8

54 40.5 36.2 54.4

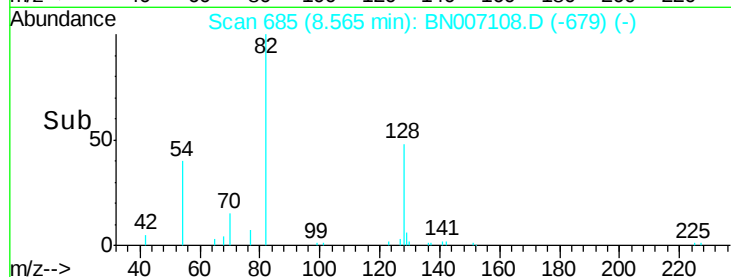


Abundance Ion 82.00 (81.70 to 82.70): BN007110.D (-681) (-)

Ion 128.00 (127.70 to 128.70): BN007110.D (-681) (-)

Ion 54.00 (53.70 to 54.70): BN007110.D (-681) (-)

Time-->

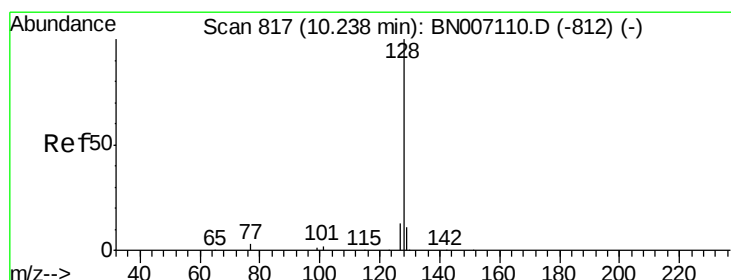


Abundance Ion 82.00 (81.70 to 82.70): BN007108.D (-679) (-)

Ion 128.00 (127.70 to 128.70): BN007108.D (-679) (-)

Ion 54.00 (53.70 to 54.70): BN007108.D (-679) (-)

Time-->



#8

Naphthalene

Concen: 0.375 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007108.D

Acq: 12 Aug 2019 21:18

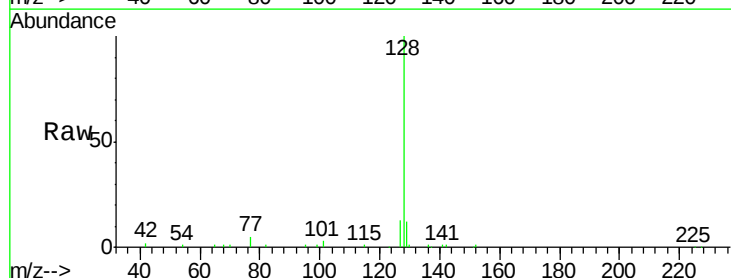
Tgt Ion: 128 Resp: 33415

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

127 13.4 11.0 16.6

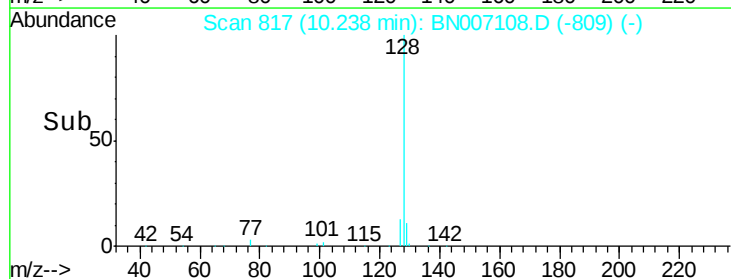


Abundance Ion 128.00 (127.70 to 128.70): BN007110.D (-812) (-)

Ion 129.00 (128.70 to 129.70): BN007110.D (-812) (-)

Ion 127.00 (126.70 to 127.70): BN007110.D (-812) (-)

Time-->

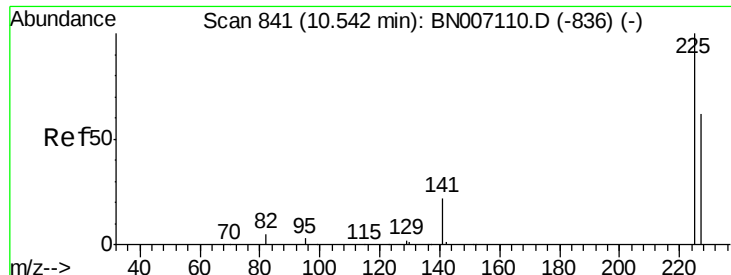


Abundance Ion 128.00 (127.70 to 128.70): BN007108.D (-809) (-)

Ion 129.00 (128.70 to 129.70): BN007108.D (-809) (-)

Ion 127.00 (126.70 to 127.70): BN007108.D (-809) (-)

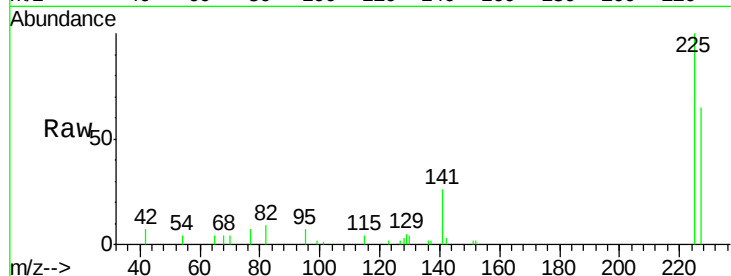
Time-->



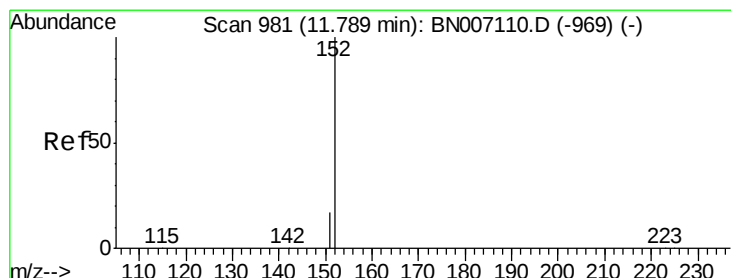
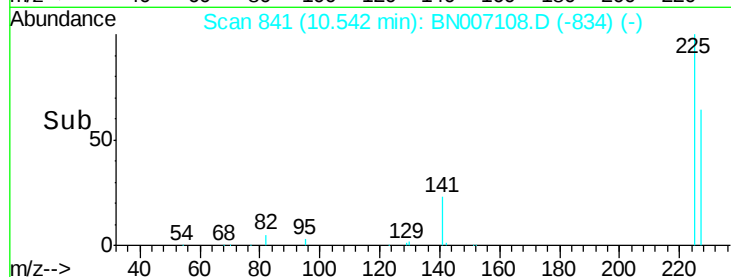
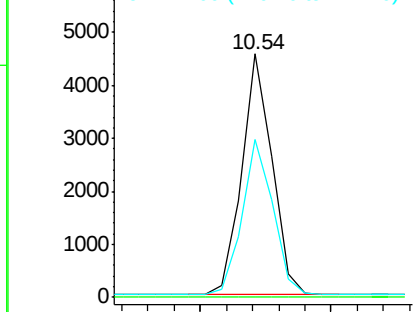
#9
Hexachlorobutadiene
Concen: 0.380 ng
RT: 10.54 min Scan# 841
Delta R.T. -0.01 min
Lab File: BN007108.D
Acq: 12 Aug 2019 21:18

Instrument :
BNA_N
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SSTDCCC0.4EC

Tot Ion:225 Resp: 7206
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 65.4 51.1 76.7

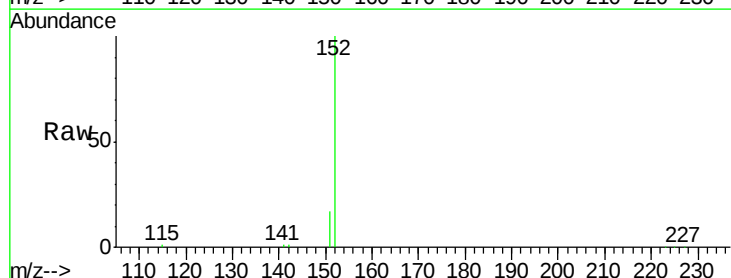


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

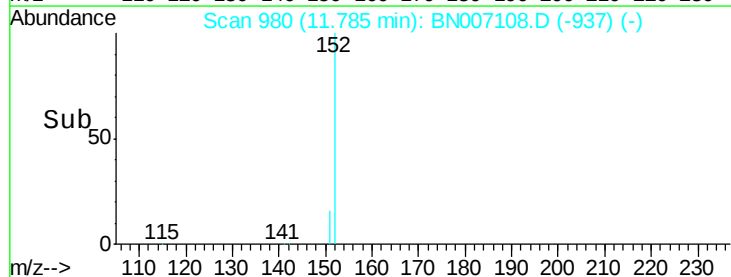
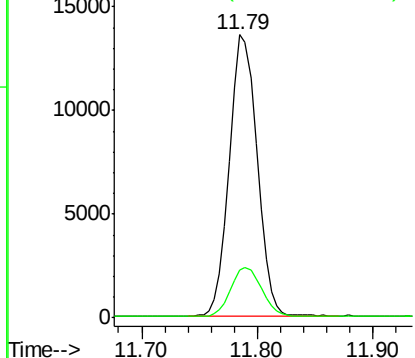


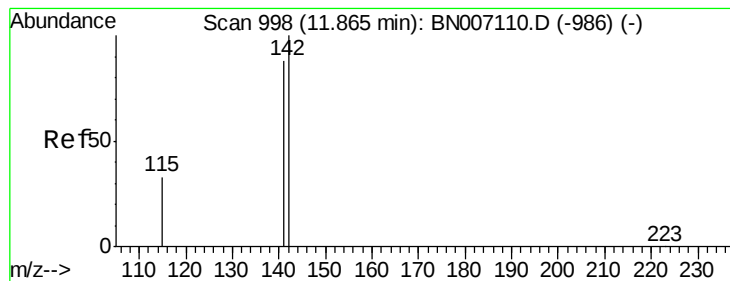
#10
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 11.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BN007108.D
Acq: 12 Aug 2019 21:18

Tgt Ion:152 Resp: 21989
Ion Ratio Lower Upper
152 100
151 19.2 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: 0.373 ng

RT: 11.86 min Scan# 997

Delta R.T. -0.01 min

Lab File: BN007108.D

Acq: 12 Aug 2019 21:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

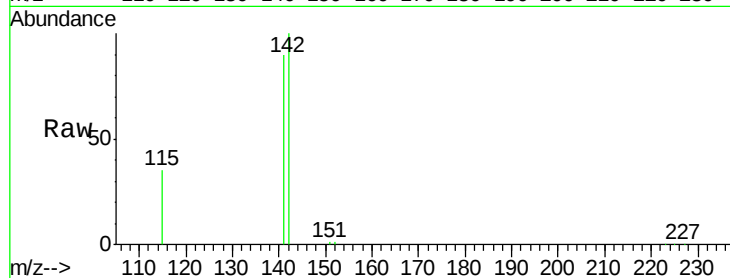
Tot Ion:142 Resp: 23524

Ion Ratio Lower Upper

142 100

141 89.6 69.0 103.6

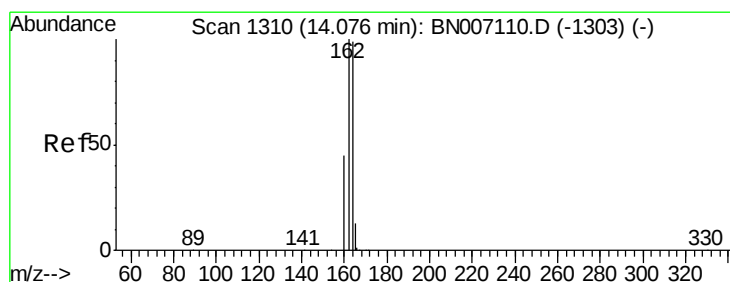
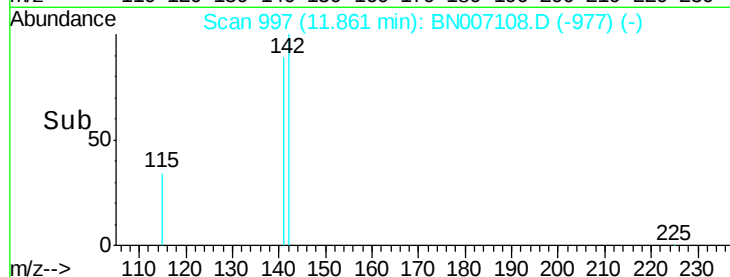
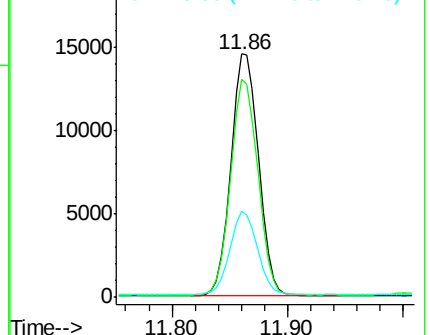
115 35.3 27.1 40.7



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: BN007108.D

Acq: 12 Aug 2019 21:18

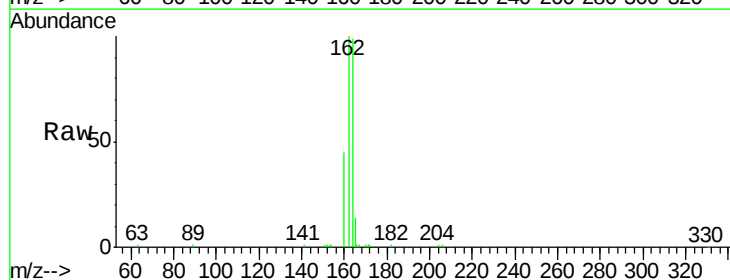
Tgt Ion:164 Resp: 17982

Ion Ratio Lower Upper

164 100

162 100.8 82.2 123.4

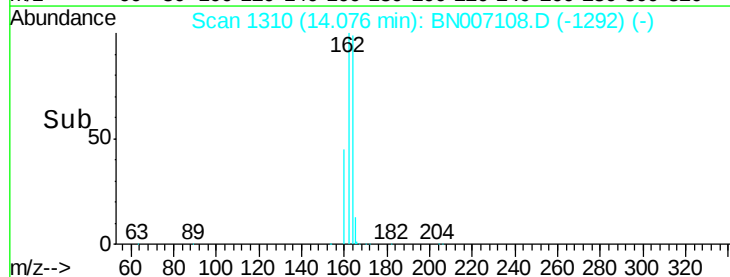
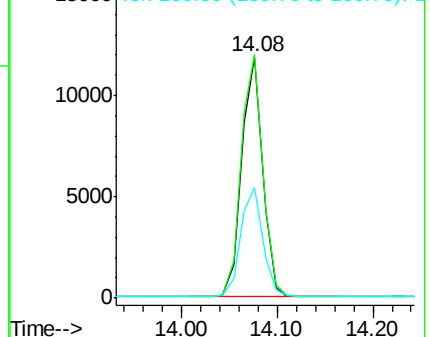
160 45.6 38.3 57.5

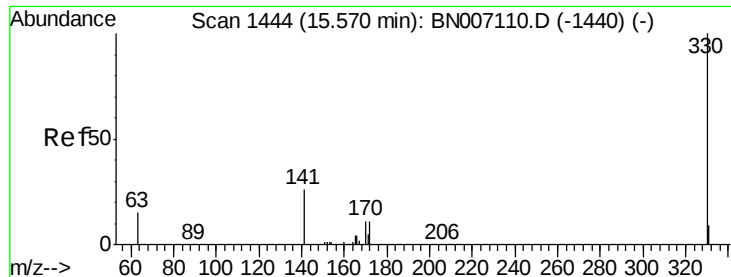


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

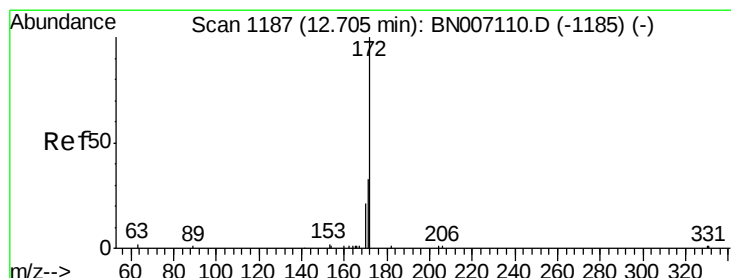
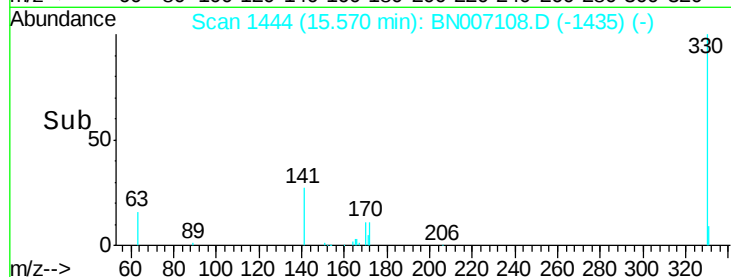
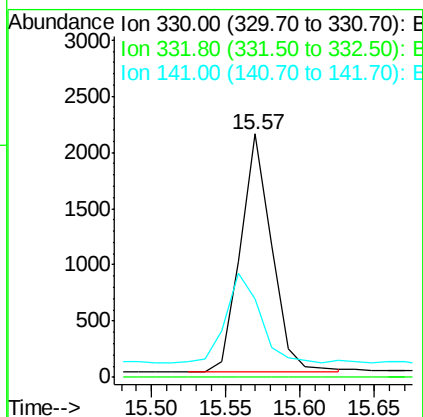
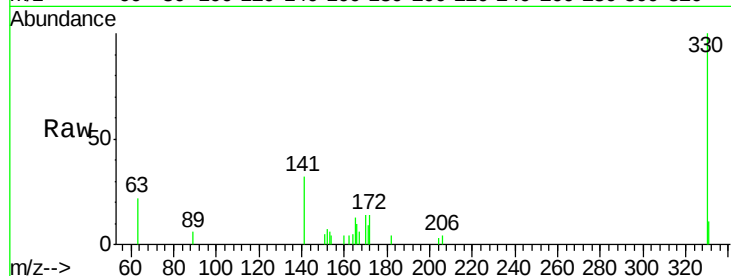




#13
 2,4,6-Tribromophenol
 Concen: 0.319 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007108.D
 Acq: 12 Aug 2019 21:18

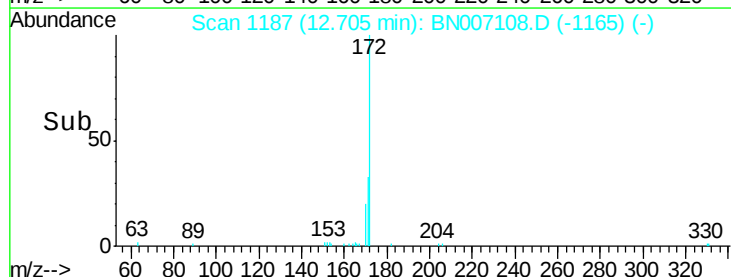
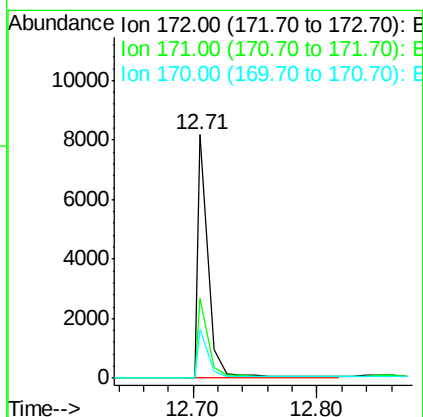
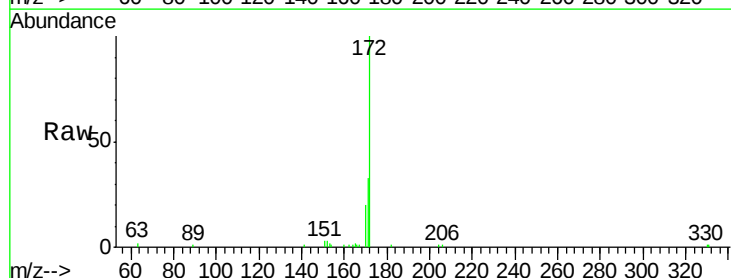
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

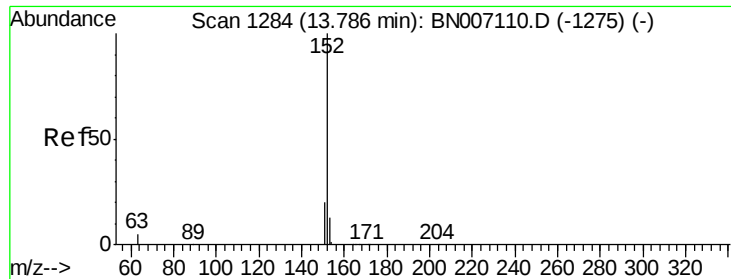
Tot Ion:330 Resp: 3091
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 39.9 33.6 50.4



#14
 2-Fluorobiphenyl
 Concen: 0.227 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007108.D
 Acq: 12 Aug 2019 21:18

Tgt Ion:172 Resp: 5942
 Ion Ratio Lower Upper
 172 100
 171 32.7 26.3 39.5
 170 20.4 17.0 25.4





#15

Acenaphthylene

Concen: 0.401 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007108.D

Acq: 12 Aug 2019 21:18

Instrument :

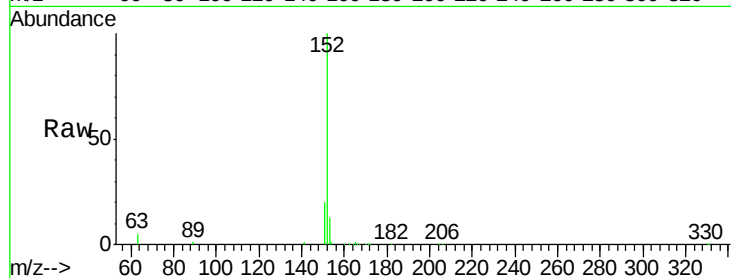
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:152 Resp: 37732

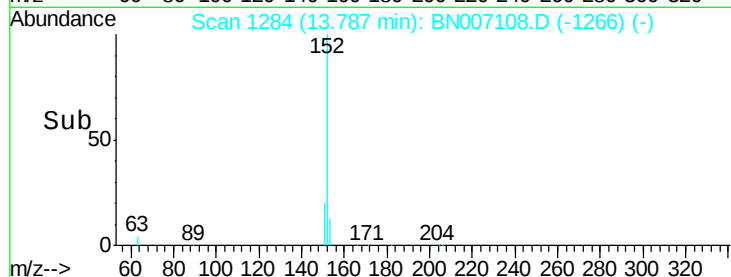
Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	13.1	10.4	15.6



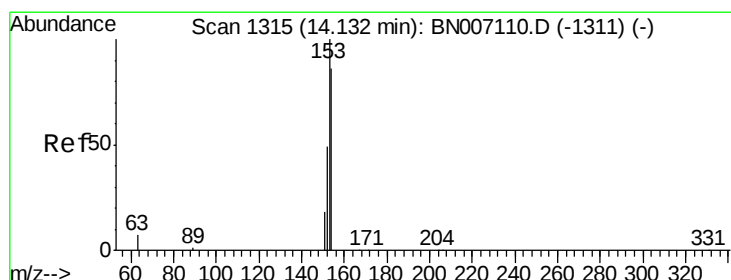
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#16

Acenaphthene

Concen: 0.377 ng

RT: 14.13 min Scan# 1315

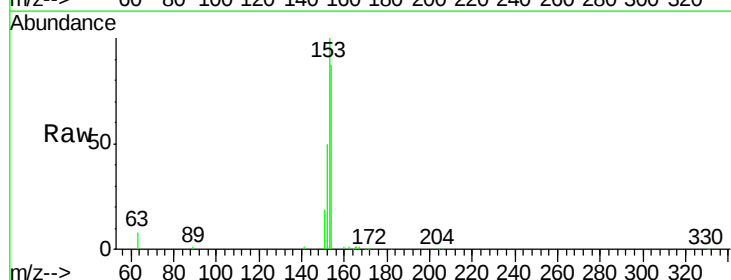
Delta R.T. -0.01 min

Lab File: BN007108.D

Acq: 12 Aug 2019 21:18

Tgt Ion:154 Resp: 22706

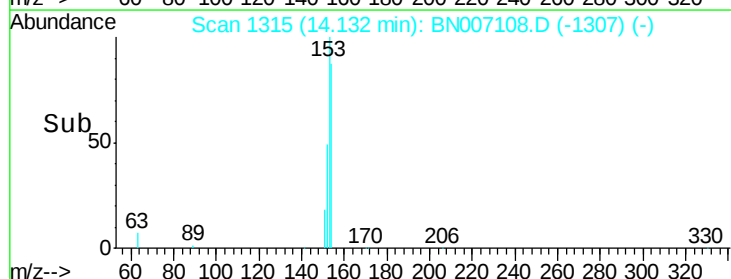
Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.5	134.3
152	55.0	44.8	67.2



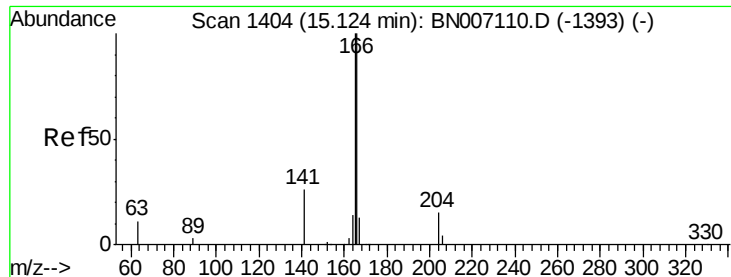
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



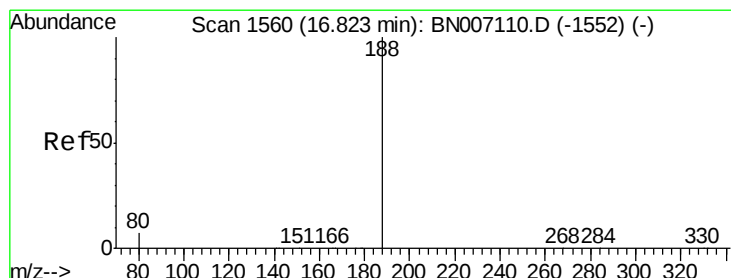
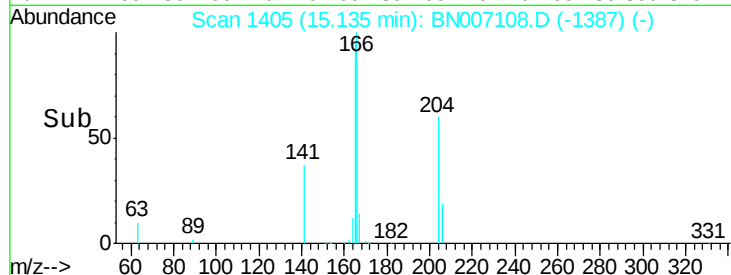
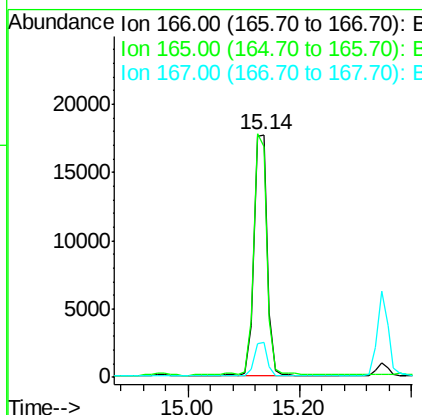
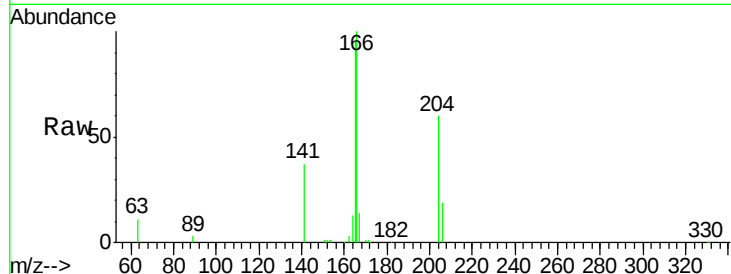
Time-->



#17
Fluorene
 Concen: 0.332 ng
 RT: 15.14 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BN007108.D
 Acq: 12 Aug 2019 21:18

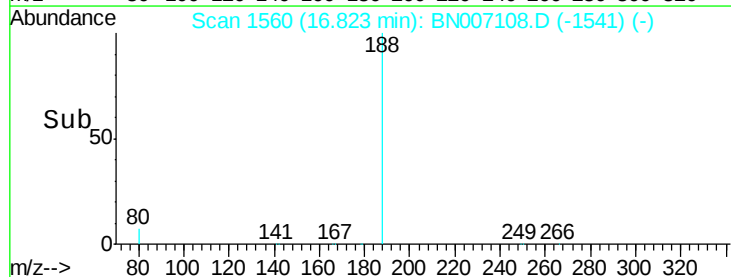
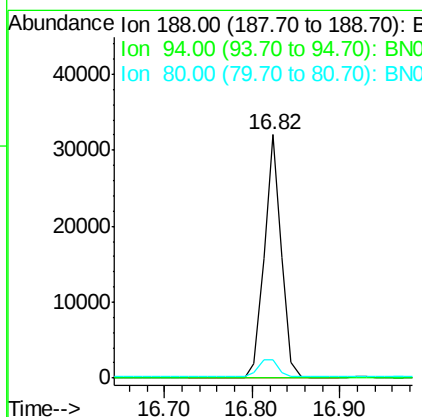
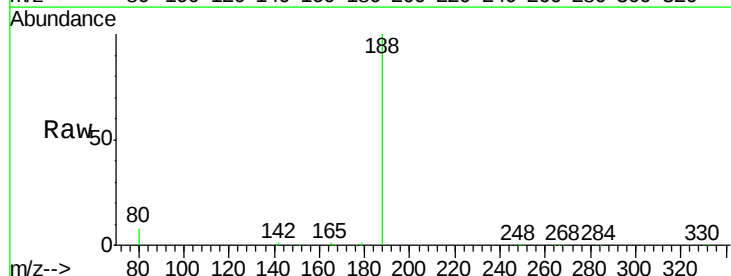
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

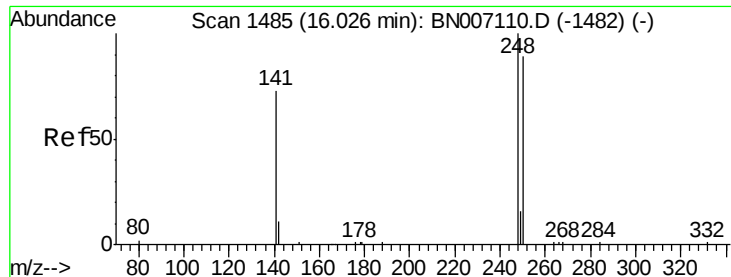
Tot Ion:166 Resp: 29948
 Ion Ratio Lower Upper
 166 100
 165 98.8 77.9 116.9
 167 13.7 10.9 16.3



#18
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.82 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BN007108.D
 Acq: 12 Aug 2019 21:18

Tgt Ion:188 Resp: 43187
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 7.7 7.8 11.6#

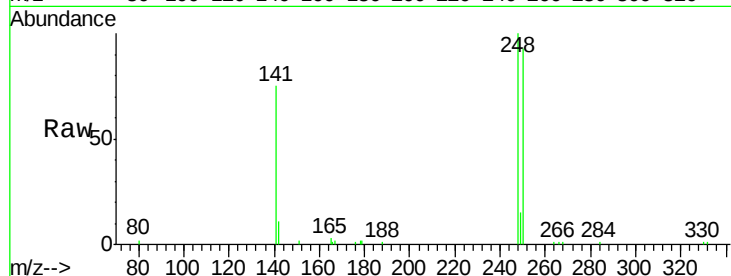




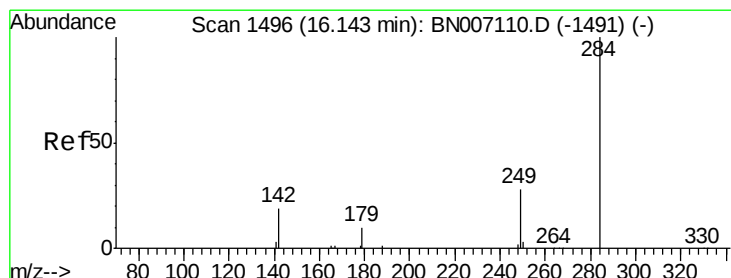
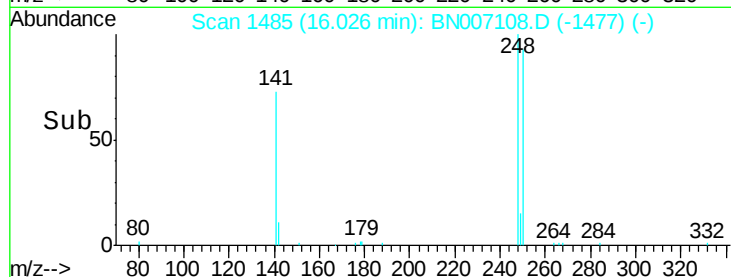
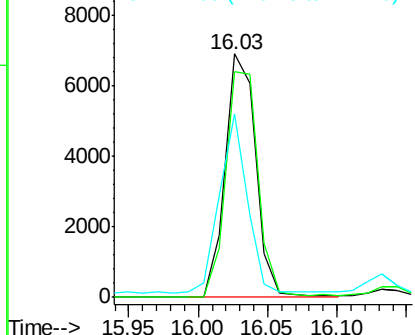
#19
4-Bromophenyl-phenylether
Concen: 0.394 ng
RT: 16.03 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BN007108.D
Acq: 12 Aug 2019 21:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:248 Resp: 10525
Ion Ratio Lower Upper
248 100
250 92.6 78.9 118.3
141 75.4 43.3 64.9#

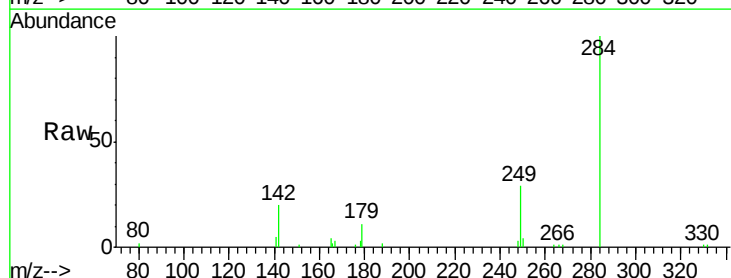


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

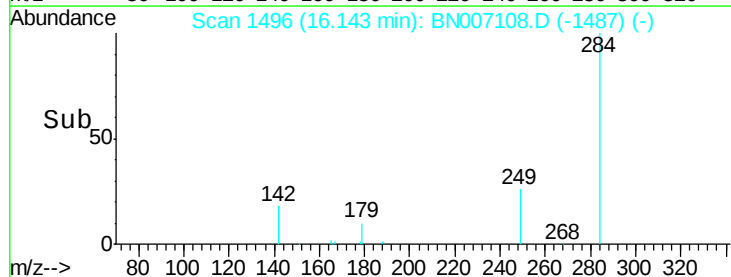
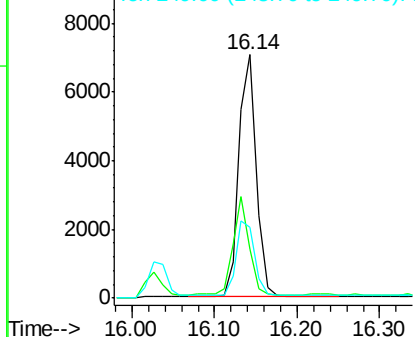


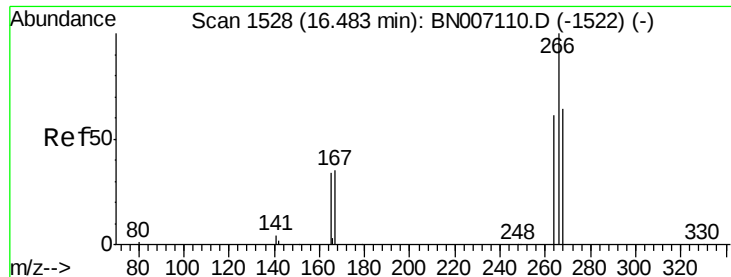
#20
Hexachlorobenzene
Concen: 0.402 ng
RT: 16.14 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN007108.D
Acq: 12 Aug 2019 21:18

Tgt Ion:284 Resp: 10325
Ion Ratio Lower Upper
284 100
142 37.2 30.5 45.7
249 32.6 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

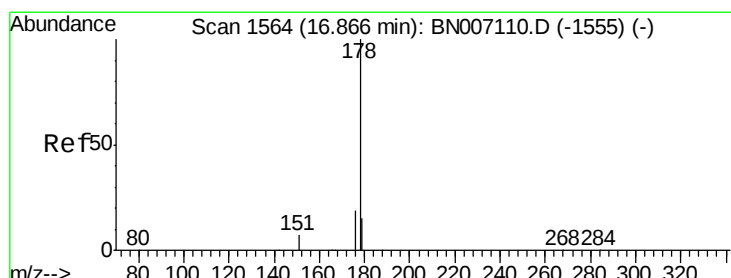
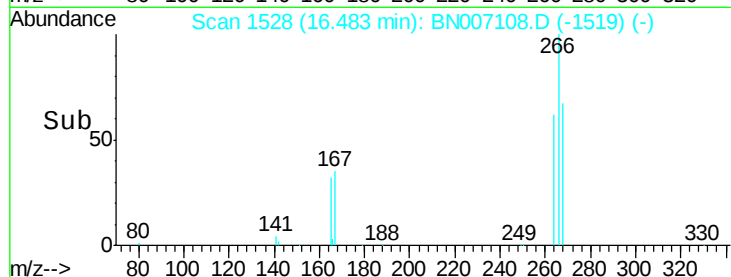
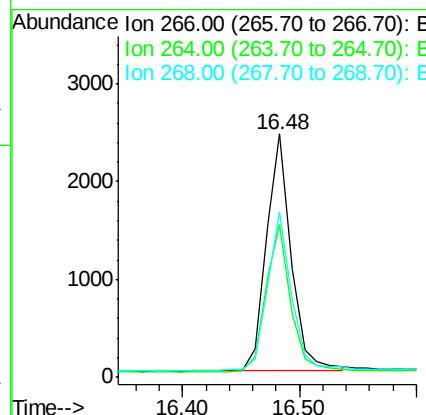
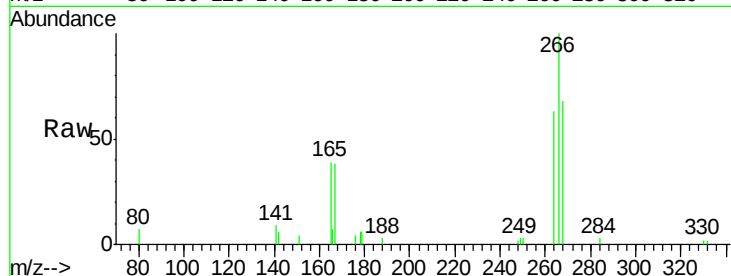




#21
 Pentachlorophenol
 Concen: 0.374 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007108.D
 Acq: 12 Aug 2019 21:18

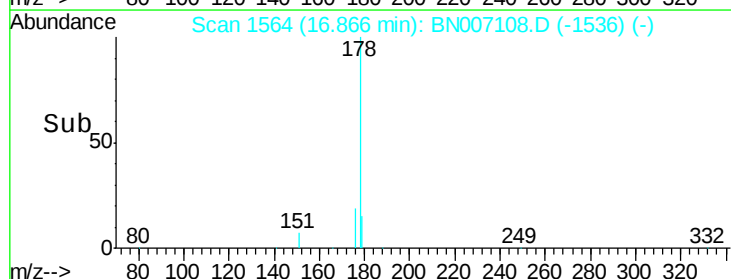
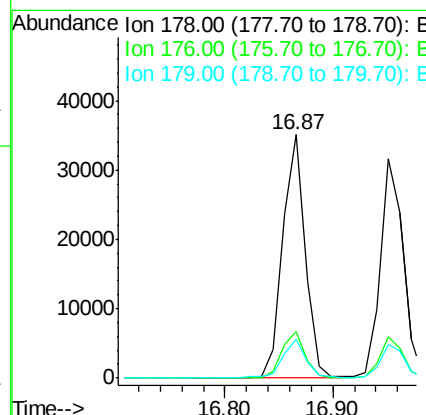
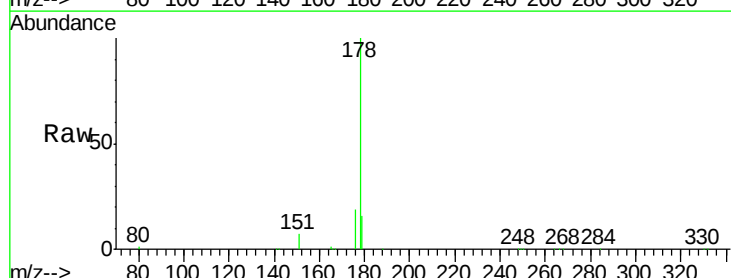
Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4EC

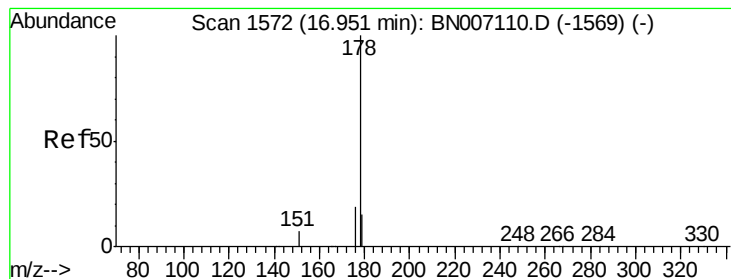
Tot Ion:266 Resp: 3579
 Ion Ratio Lower Upper
 266 100
 264 62.6 52.3 78.5
 268 67.8 51.5 77.3



#22
 Phenanthrene
 Concen: 0.385 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007108.D
 Acq: 12 Aug 2019 21:18

Tgt Ion:178 Resp: 49812
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.2 22.8
 179 15.4 12.3 18.5





#23

Anthracene

Concen: 0.390 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007108.D

Acq: 12 Aug 2019 21:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

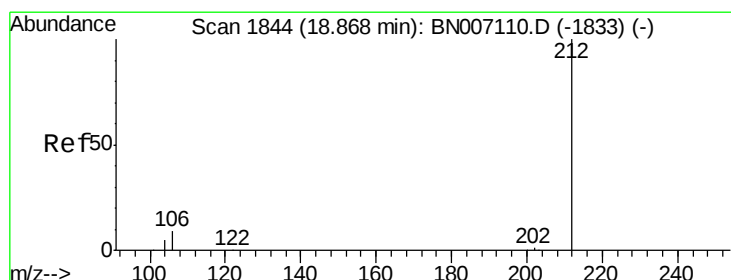
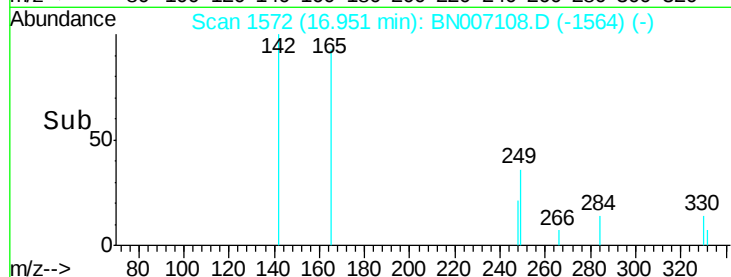
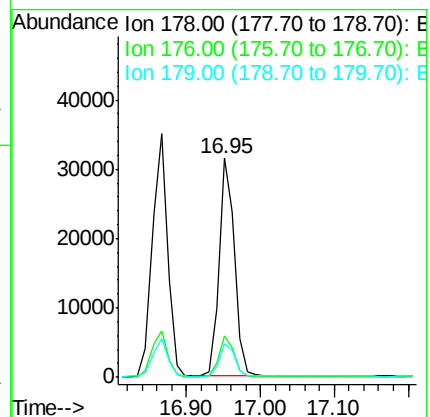
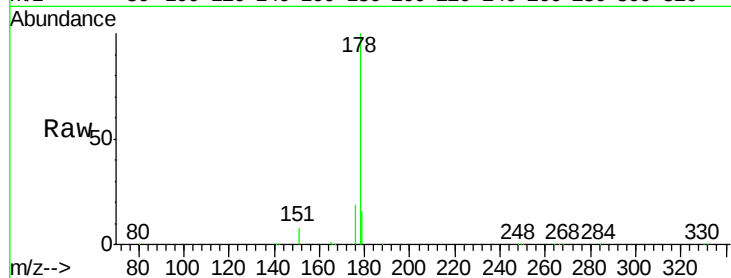
Tot Ion:178 Resp: 46062

Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

179 15.3 12.5 18.7



#24

Fluoranthene-d10

Concen: 0.365 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007108.D

Acq: 12 Aug 2019 21:18

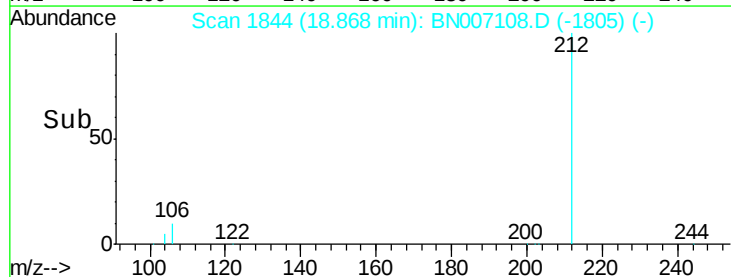
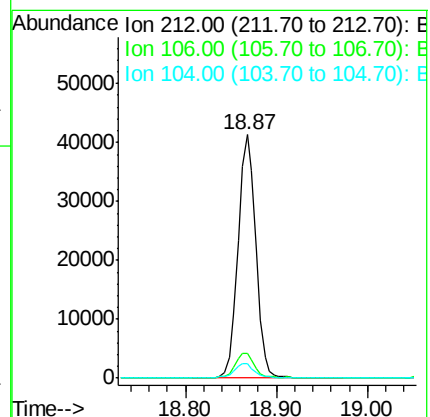
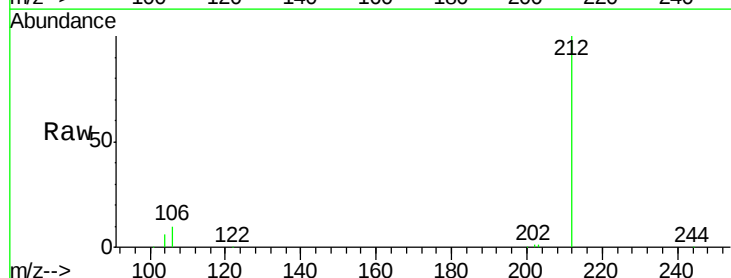
Tgt Ion:212 Resp: 55923

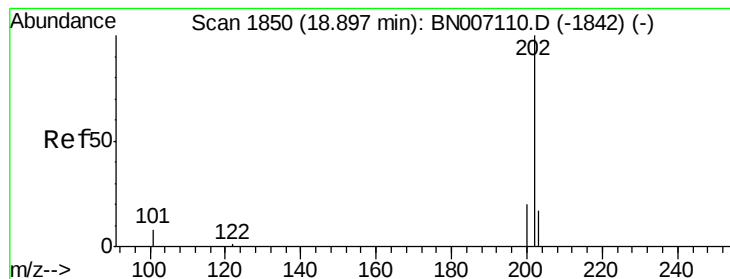
Ion Ratio Lower Upper

212 100

106 10.3 8.2 12.2

104 5.7 4.5 6.7





#25

Fluoranthene

Concen: 0.368 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN007108.D

Acq: 12 Aug 2019 21:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

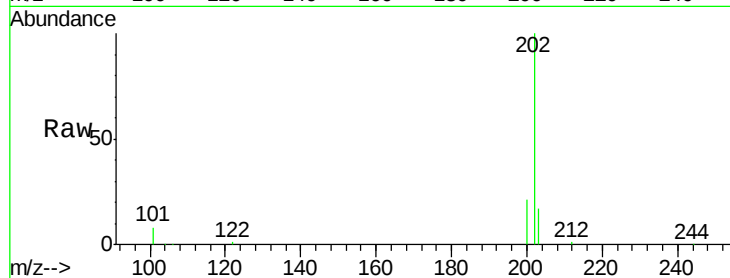
Tot Ion:202 Resp: 61009

Ion Ratio Lower Upper

202 100

101 8.7 7.0 10.4

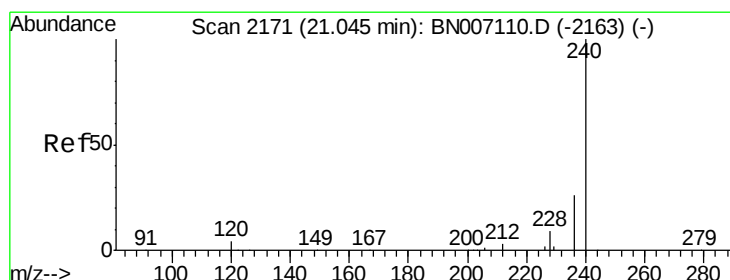
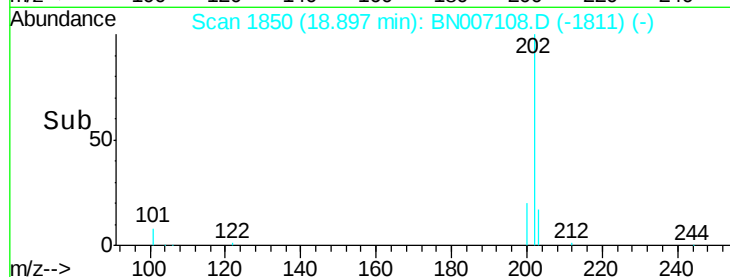
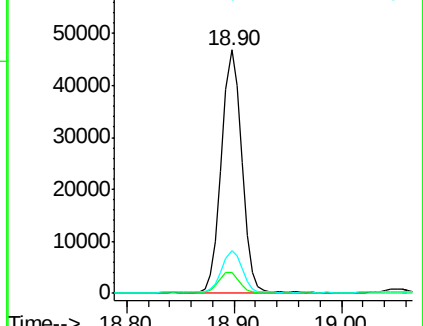
203 17.1 13.8 20.8



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: BN007108.D

Acq: 12 Aug 2019 21:18

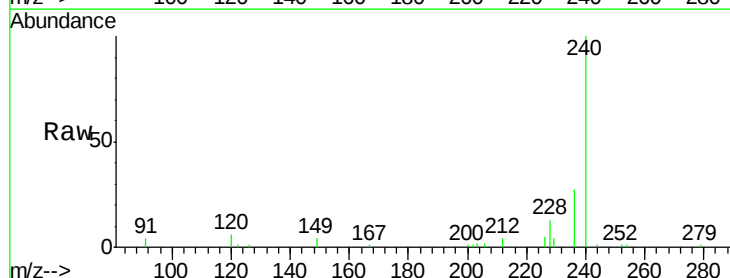
Tgt Ion:240 Resp: 43885

Ion Ratio Lower Upper

240 100

120 6.2 4.0 6.0#

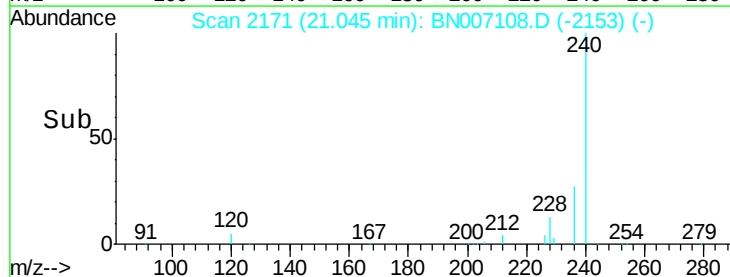
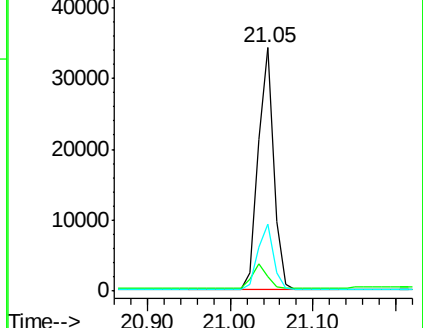
236 27.3 21.3 31.9

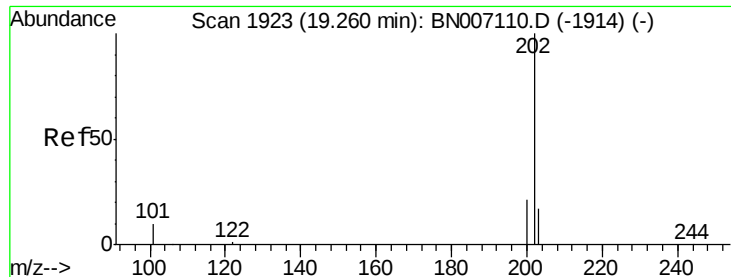


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

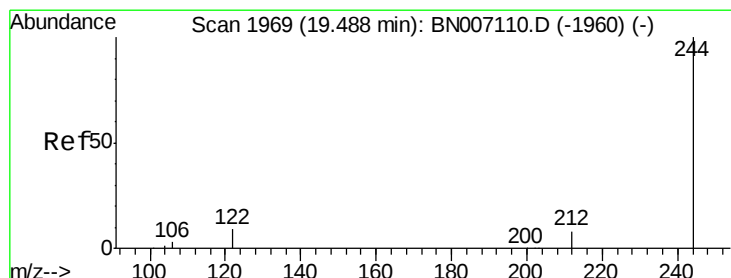
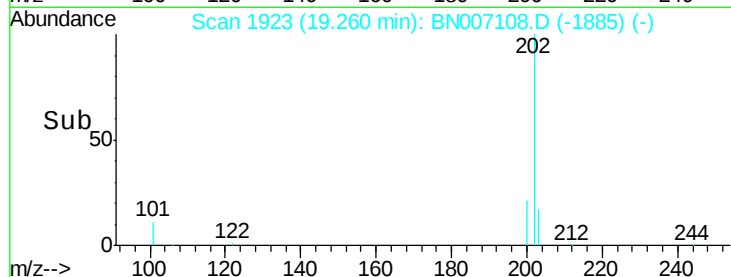
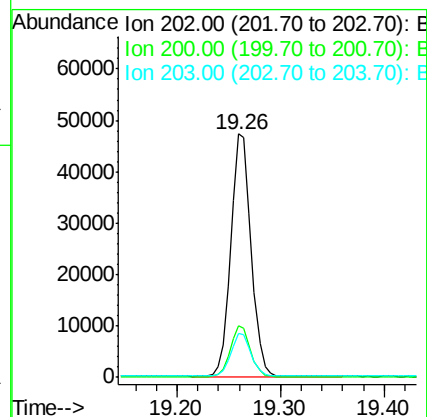
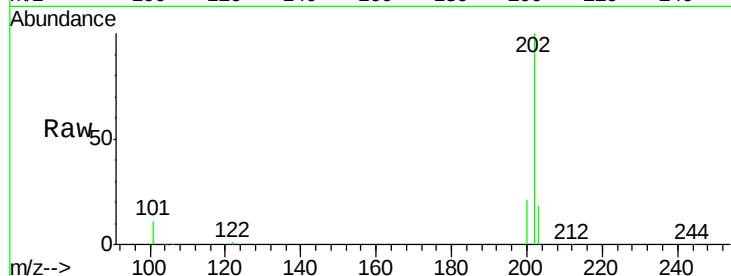




#27
Pvrene
Concen: 0.409 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007108.D
Acq: 12 Aug 2019 21:18

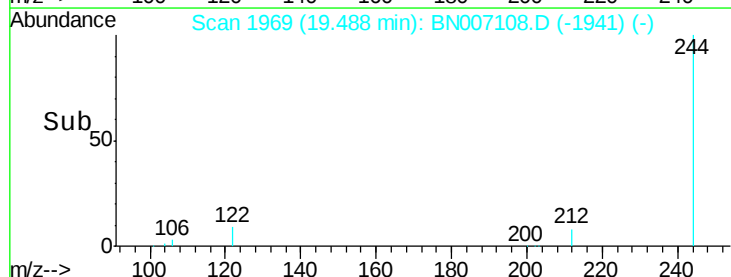
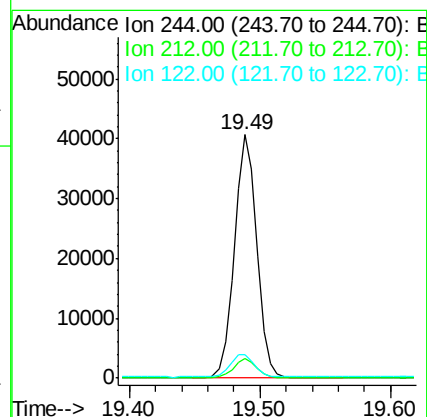
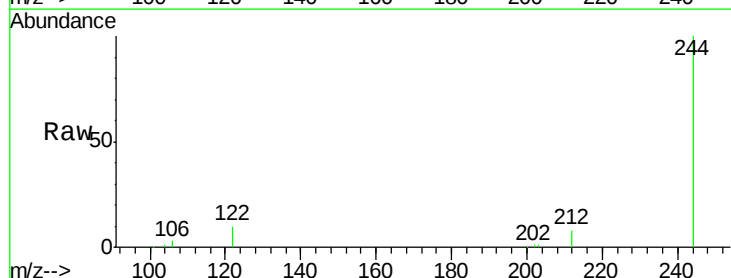
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

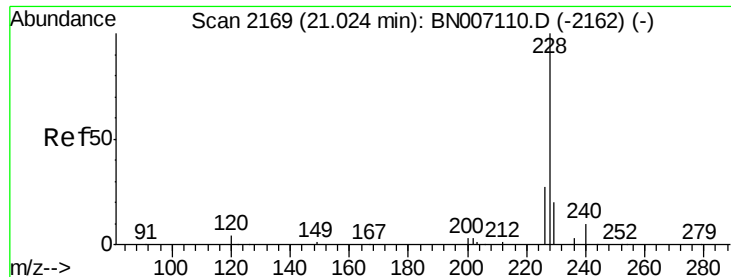
Tot Ion:202 Resp: 62994
Ion Ratio Lower Upper
202 100
200 20.7 16.6 24.8
203 17.7 14.0 21.0



#28
Terphenyl-d14
Concen: 0.405 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007108.D
Acq: 12 Aug 2019 21:18

Tgt Ion:244 Resp: 48449
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 9.9 7.4 11.2





#29

Benzo(a)anthracene

Concen: 0.407 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007108.D

Acq: 12 Aug 2019 21:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

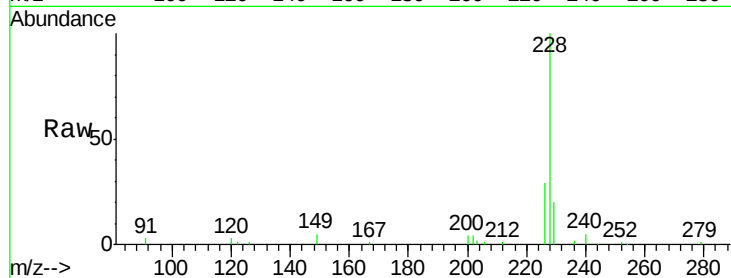
Tot Ion:228 Resp: 65321

Ion Ratio Lower Upper

228 100

226 28.8 21.8 32.6

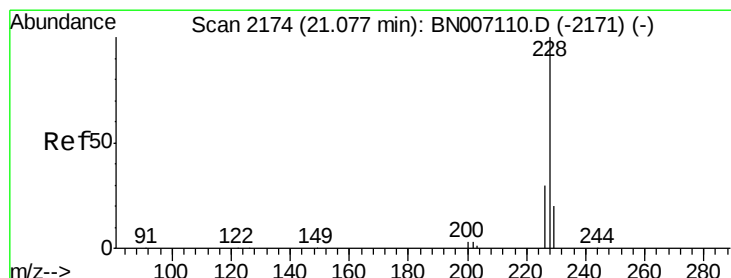
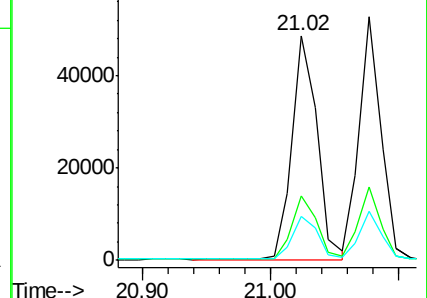
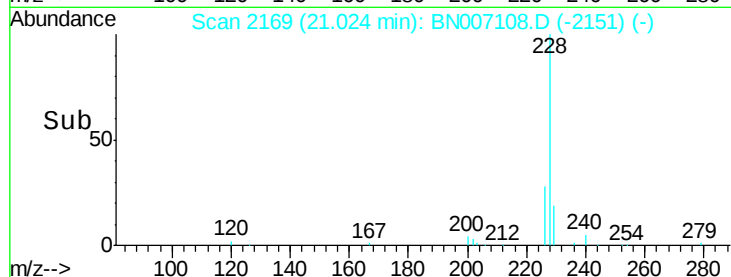
229 19.7 15.6 23.4



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: 0.393 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007108.D

Acq: 12 Aug 2019 21:18

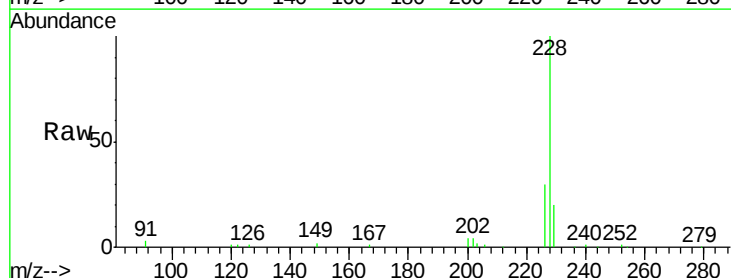
Tgt Ion:228 Resp: 61327

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

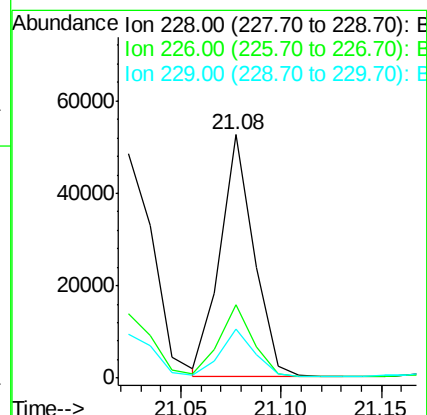
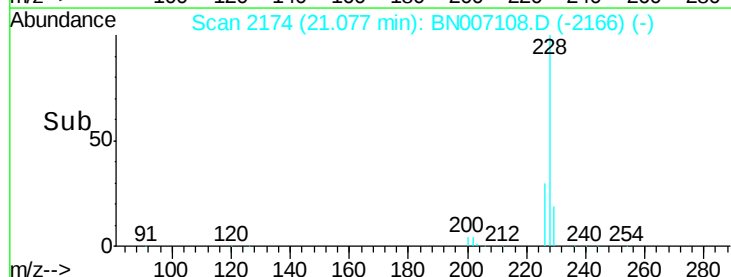
229 19.9 15.7 23.5

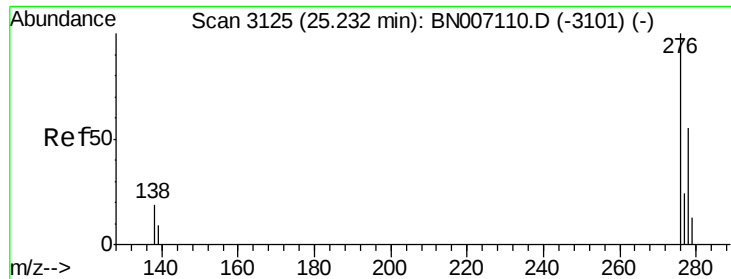


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

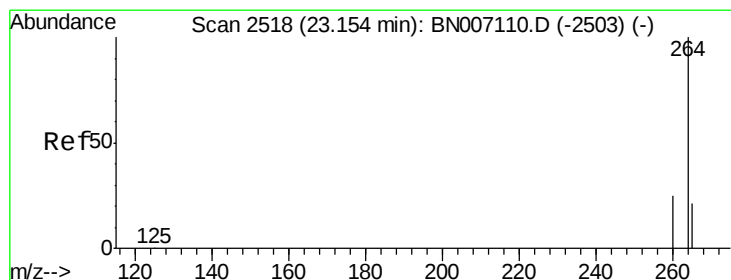
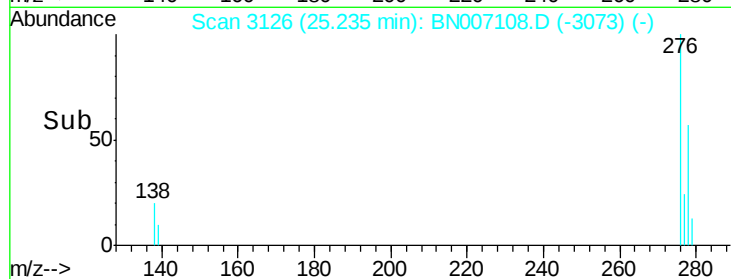
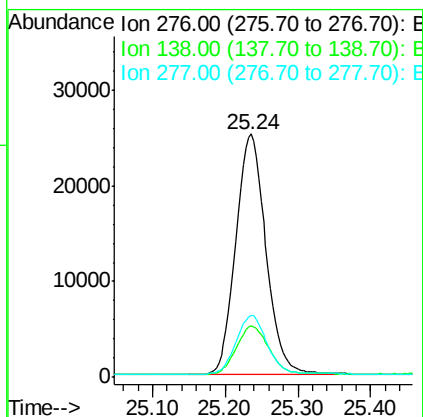
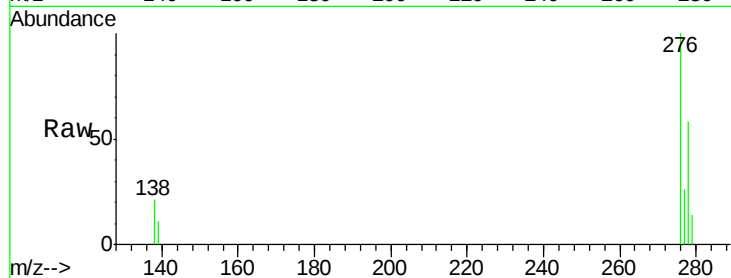




#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.423 ng
 RT: 25.24 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BN007108.D
 Acq: 12 Aug 2019 21:18

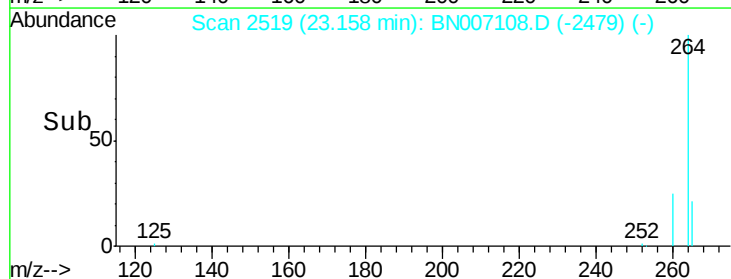
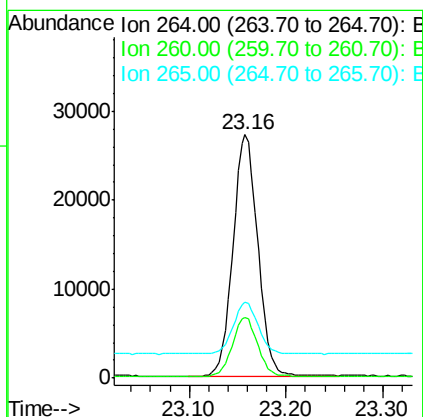
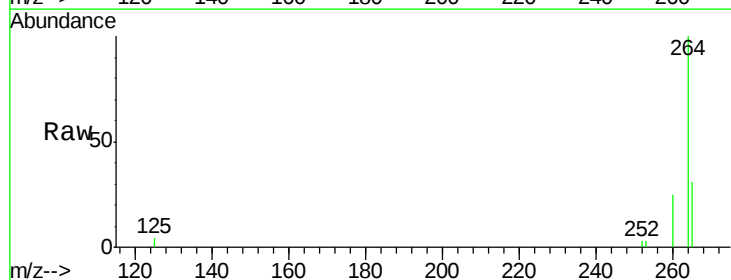
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

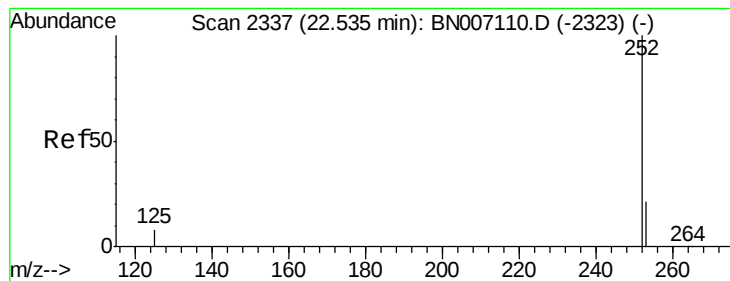
Tot Ion:276 Resp: 72641
 Ion Ratio Lower Upper
 276 100
 138 21.2 16.0 24.0
 277 24.8 19.9 29.9



#32
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.16 min Scan# 2519
 Delta R.T. -0.01 min
 Lab File: BN007108.D
 Acq: 12 Aug 2019 21:18

Tgt Ion:264 Resp: 48405
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.8 29.8
 265 31.4 26.2 39.4





#33

Benzo(b)fluoranthene

Concen: 0.385 ng

RT: 22.53 min Scan# 2337

Delta R.T. -0.01 min

Lab File: BN007108.D

Acq: 12 Aug 2019 21:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

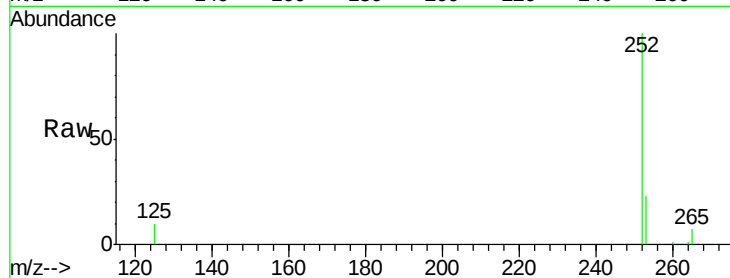
Tot Ion:252 Resp: 63852

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.2

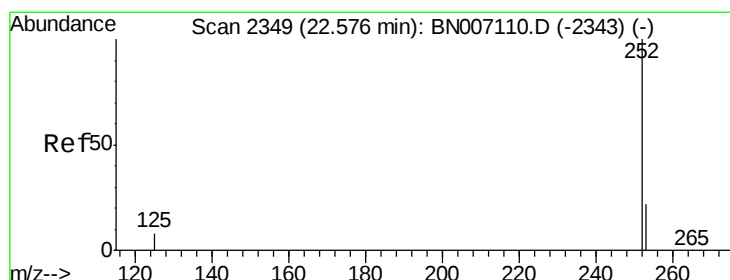
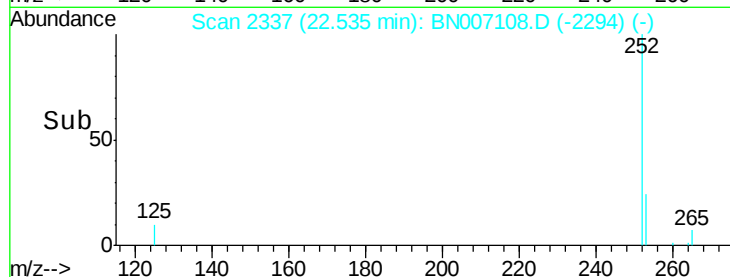
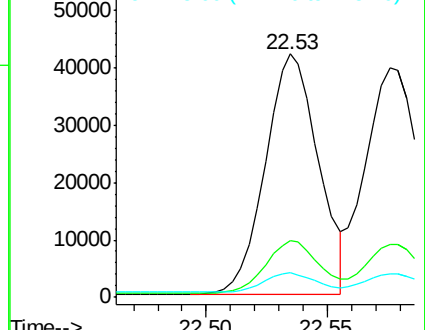
125 9.9 7.4 11.0



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: 0.382 ng

RT: 22.58 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BN007108.D

Acq: 12 Aug 2019 21:18

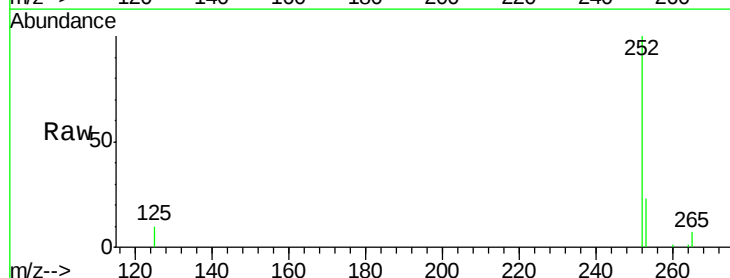
Tgt Ion:252 Resp: 62696

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

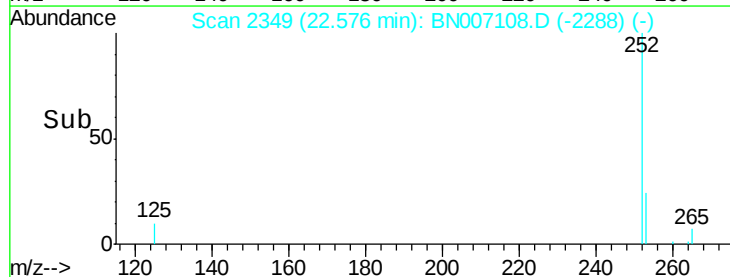
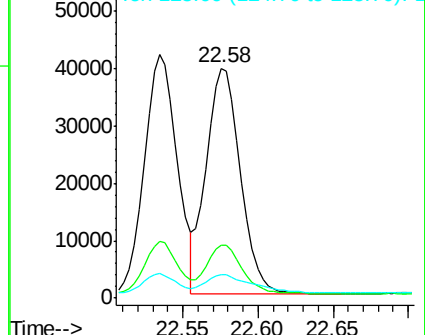
125 10.2 7.4 11.0

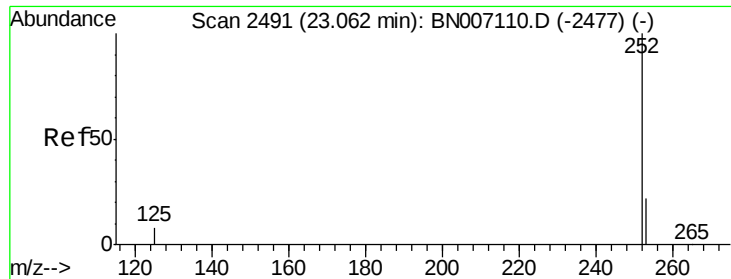


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.394 ng

RT: 23.07 min Scan# 2492

Delta R.T. -0.02 min

Lab File: BN007108.D

Acq: 12 Aug 2019 21:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

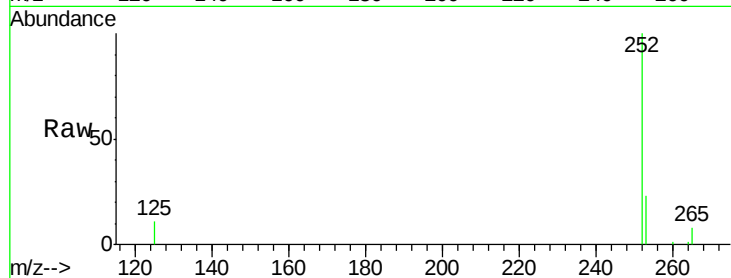
Tot Ion:252 Resp: 59265

Ion Ratio Lower Upper

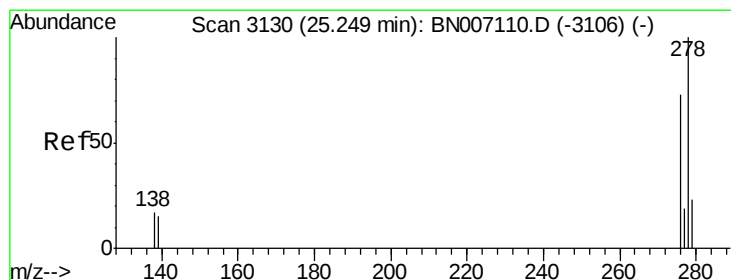
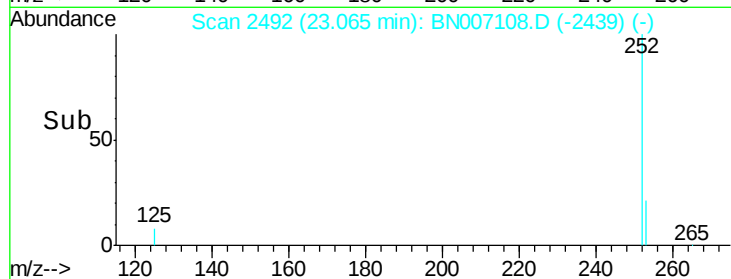
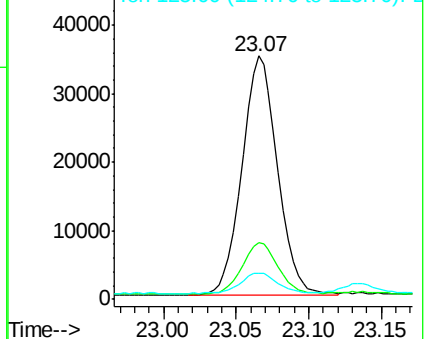
252 100

253 23.3 18.5 27.7

125 10.9 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: 0.392 ng

RT: 25.25 min Scan# 3131

Delta R.T. -0.02 min

Lab File: BN007108.D

Acq: 12 Aug 2019 21:18

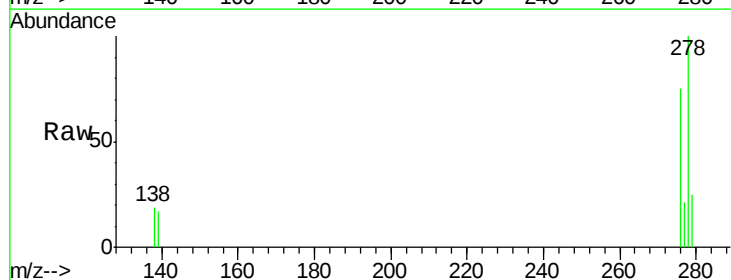
Tgt Ion:278 Resp: 58812

Ion Ratio Lower Upper

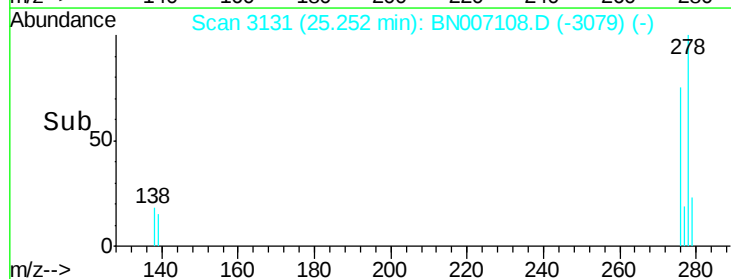
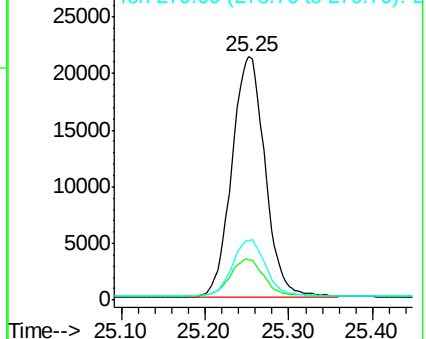
278 100

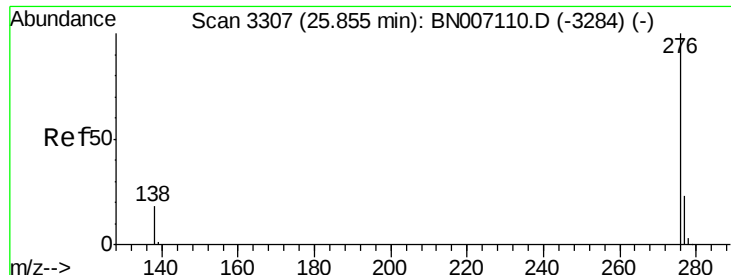
139 16.7 11.3 16.9

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: 0.386 ng

RT: 25.86 min Scan# 3309

Delta R.T. -0.02 min

Lab File: BN007108.D

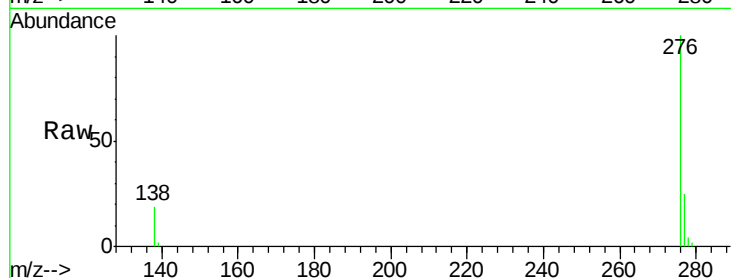
Acq: 12 Aug 2019 21:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tot Ion: 276 Resp: 59565

Ion Ratio Lower Upper

276 100

277 25.3 19.8 29.8

138 19.2 14.6 22.0

