

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081519\
 Data File : BN007200.D
 Acq On : 15 Aug 2019 17:22
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 16 07:05:17 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	6794	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	25705	0.40	ng	0.00
12) Acenaphthene-d10	14.06	164	14268	0.40	ng	-0.01
18) Phenanthrene-d10	16.82	188	32942	0.40	ng	0.00
26) Chrysene-d12	21.03	240	32361	0.40	ng	-0.02
32) Perylene-d12	23.15	264	35198	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.05	112	6872	0.42	ng	0.00
4) Phenol-d6	6.61	99	8744	0.43	ng	0.00
7) Nitrobenzene-d5	8.55	82	8972	0.43	ng	-0.01
10) 2-Methylnaphthalene-d10	11.78	152	18399	0.38	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	2853	0.37	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	2480	0.12	ng	0.00
24) Fluoranthene-d10	18.86	212	46873	0.40	ng	-0.01
28) Terphenyl-d14	19.48	244	40800	0.46	ng	-0.02

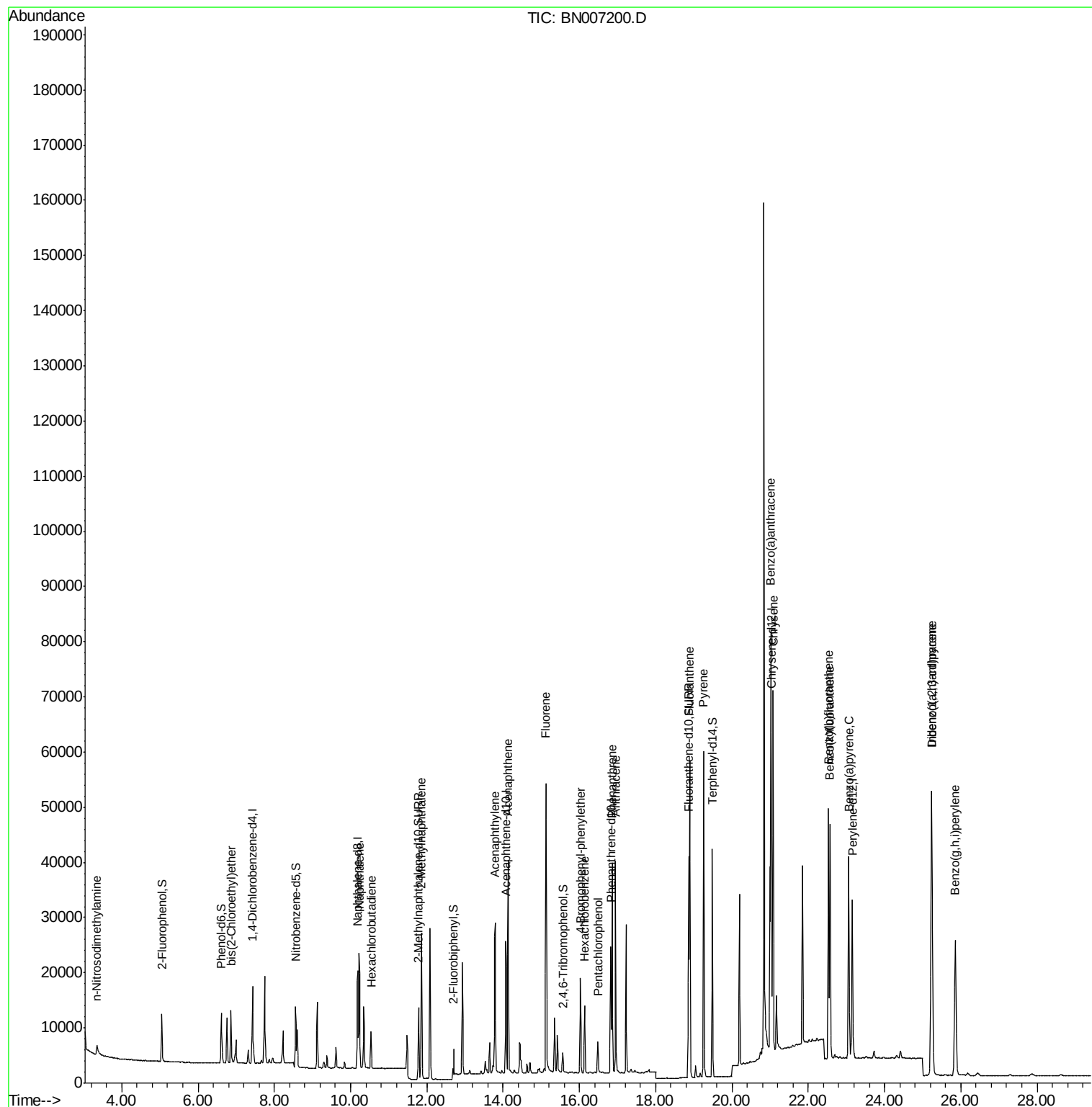
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.35	42	1932	0.432	ng	# 95
5) bis(2-Chloroethyl)ether	6.86	93	7396	0.414	ng	100
8) Naphthalene	10.22	128	28025	0.389	ng	99
9) Hexachlorobutadiene	10.54	225	6073	0.395	ng	# 99
11) 2-Methylnaphthalene	11.86	142	19723	0.386	ng	98
15) Acenaphthylene	13.79	152	36114	0.484	ng	99
16) Acenaphthene	14.13	154	19413	0.406	ng	99
17) Fluorene	15.12	166	26896	0.376	ng	97
19) 4-Bromophenyl-phenylether	16.03	248	8863	0.435	ng	97
20) Hexachlorobenzene	16.13	284	9036	0.461	ng	99
21) Pentachlorophenol	16.48	266	2987	0.409	ng	97
22) Phenanthrene	16.87	178	42768	0.433	ng	100
23) Anthracene	16.95	178	39777	0.441	ng	99
25) Fluoranthene	18.90	202	51330	0.406	ng	100
27) Pyrene	19.26	202	52892	0.466	ng	99
29) Benzo(a)anthracene	21.02	228	53279	0.450	ng	98
30) Chrysene	21.08	228	51840	0.451	ng	99
31) Indeno(1,2,3-cd)pyrene	25.23	276	60147	0.475	ng	98
33) Benzo(b)fluoranthene	22.53	252	52433	0.434	ng	99
34) Benzo(k)fluoranthene	22.57	252	50971	0.428	ng	98
35) Benzo(a)pyrene	23.06	252	48968	0.448	ng	99
36) Dibenzo(a,h)anthracene	25.25	278	48838	0.447	ng	97
37) Benzo(g,h,i)perylene	25.85	276	49370	0.440	ng	99

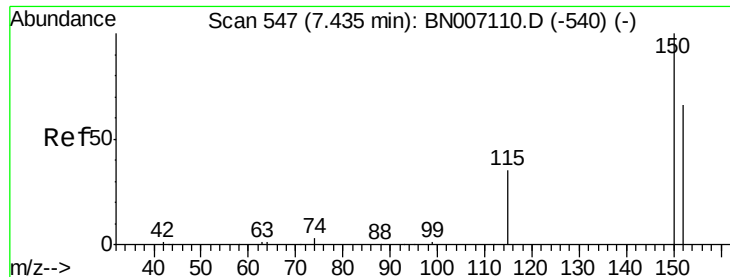
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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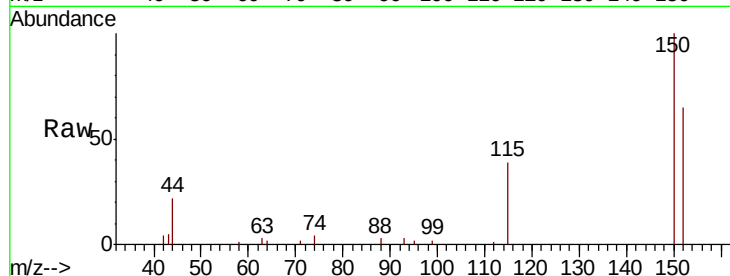


#1

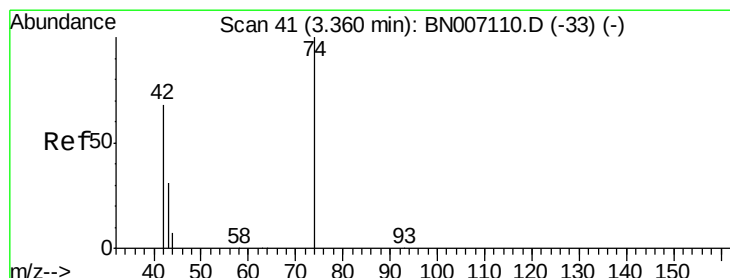
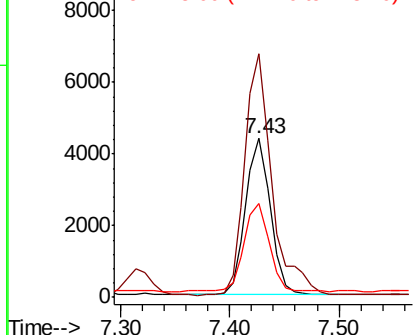
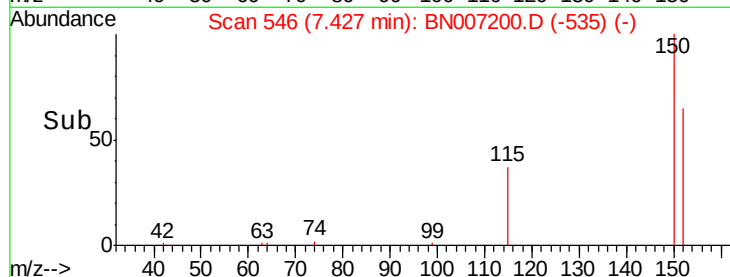
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BN007200.D
Acq: 15 Aug 2019 17:22

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 6794
Ion Ratio Lower Upper
152 100
150 153.4 121.7 182.5
115 59.3 46.2 69.4



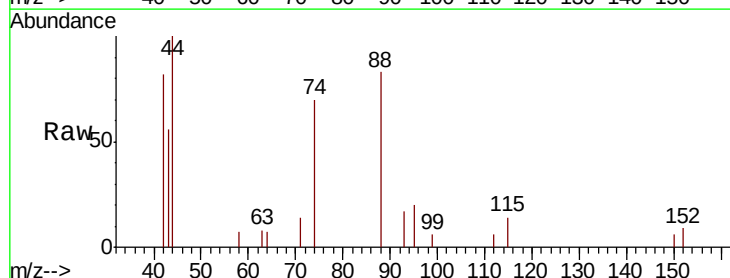
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



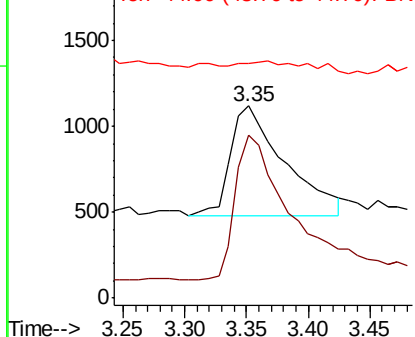
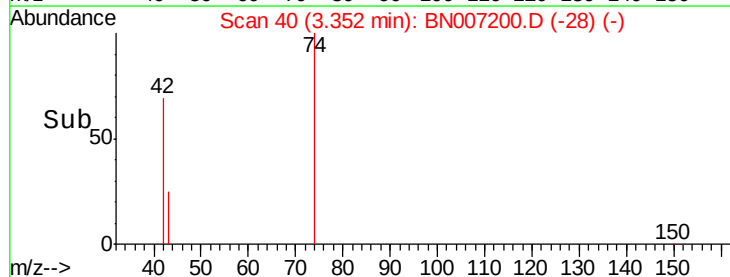
#2

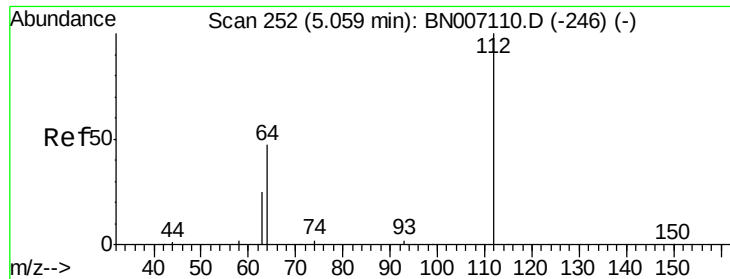
n-Nitrosodimethylamine
Concen: 0.432 ng
RT: 3.35 min Scan# 40
Delta R.T. -0.01 min
Lab File: BN007200.D
Acq: 15 Aug 2019 17:22

Tgt Ion: 42 Resp: 1932
Ion Ratio Lower Upper
42 100
74 132.2 110.6 166.0
44 10.4 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: 0.421 ng

RT: 5.05 min Scan# 251

Delta R.T. -0.01 min

Lab File: BN007200.D

Acq: 15 Aug 2019 17:22

Instrument :

BNA_N

ClientSampled :

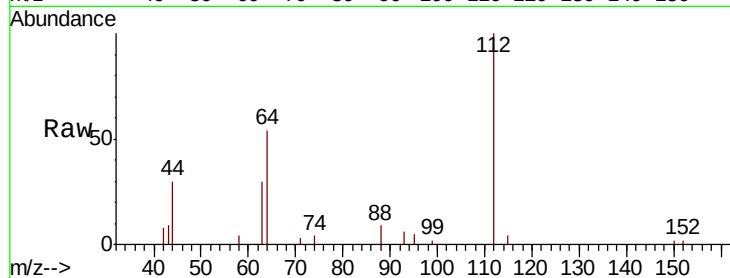
Tot Ion:112 Resp: 6872

Ion Ratio Lower Upper

112 100

64 52.5 42.6 63.8

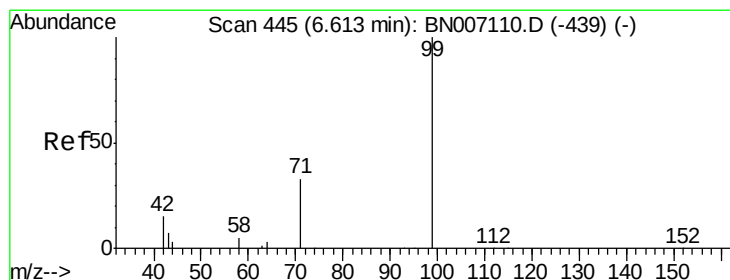
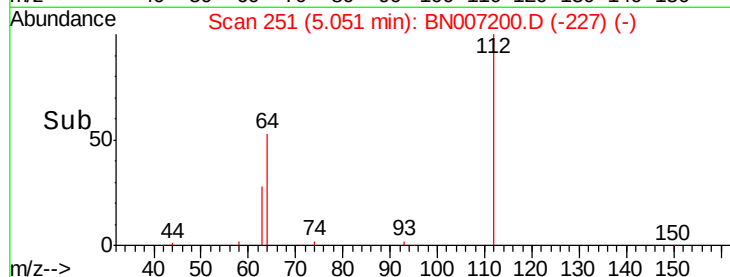
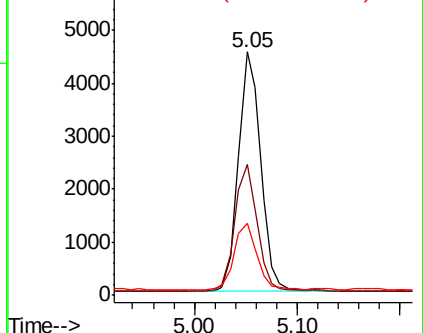
63 28.3 22.2 33.2



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: 0.432 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007200.D

Acq: 15 Aug 2019 17:22

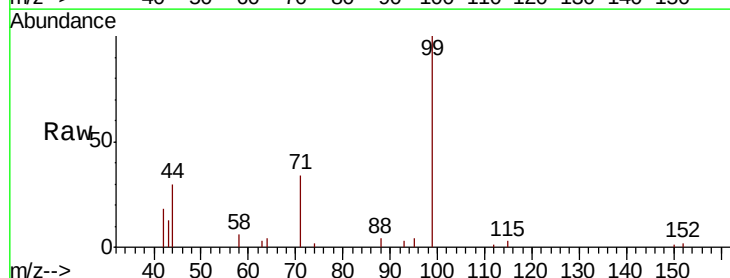
Tgt Ion: 99 Resp: 8744

Ion Ratio Lower Upper

99 100

42 18.8 15.8 23.6

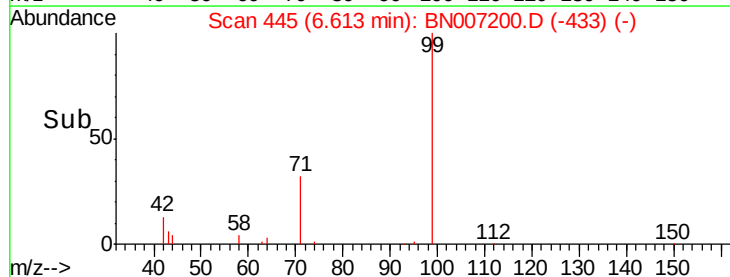
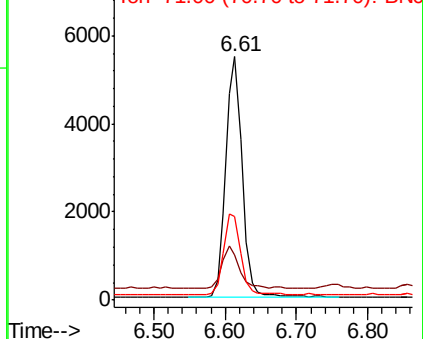
71 34.6 27.0 40.4

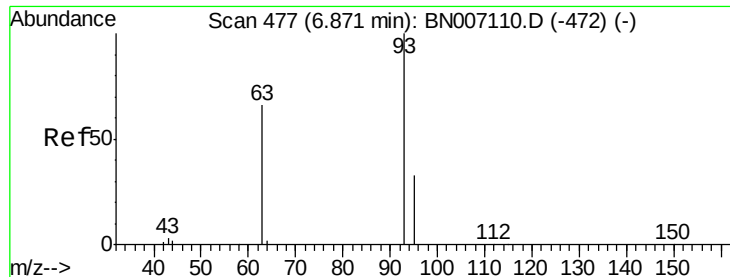


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#5

bis(2-Chloroethyl)ether

Concen: 0.414 ng

RT: 6.86 min Scan# 476

Delta R.T. -0.01 min

Lab File: BN007200.D

Acq: 15 Aug 2019 17:22

Instrument :

BNA_N

ClientSampleId :

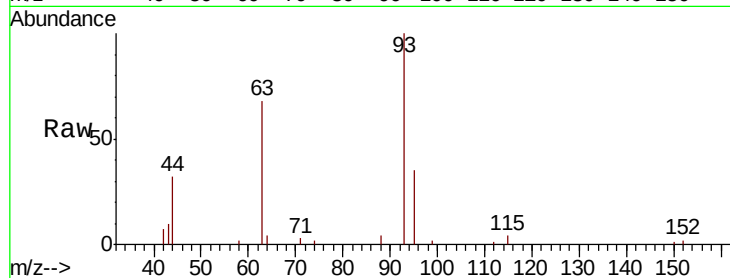
Tot Ion: 93 Resp: 7396

Ion Ratio Lower Upper

93 100

63 69.9 55.6 83.4

95 33.3 26.7 40.1

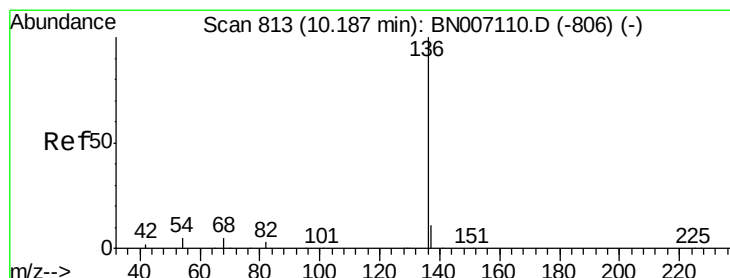
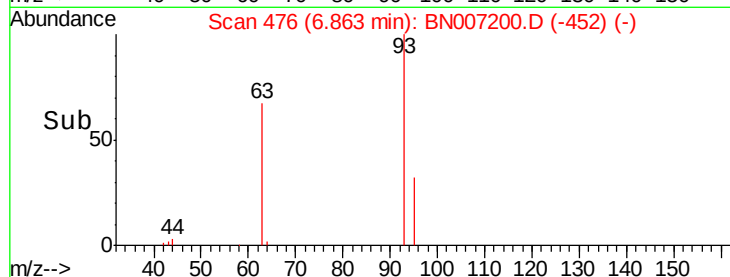
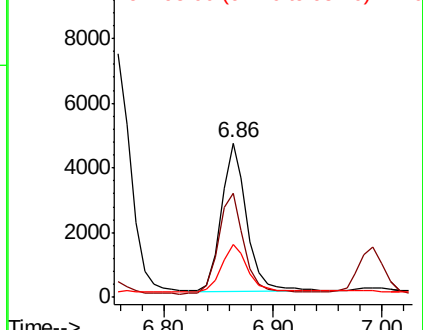


Abundance

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: BN007200.D

Acq: 15 Aug 2019 17:22

Tgt Ion: 136 Resp: 25705

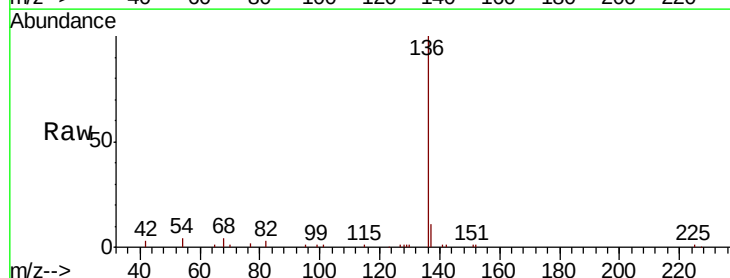
Ion Ratio Lower Upper

136 100

137 11.1 9.4 14.0

54 4.3 6.6 9.8#

68 4.3 6.0 9.0#



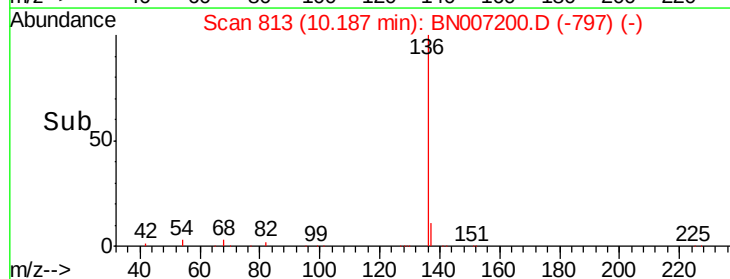
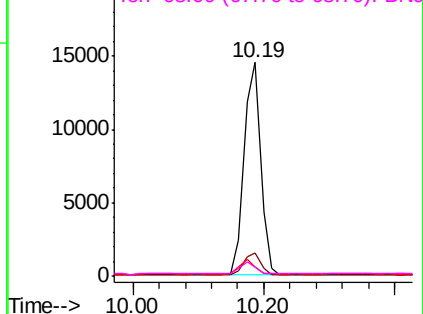
Abundance

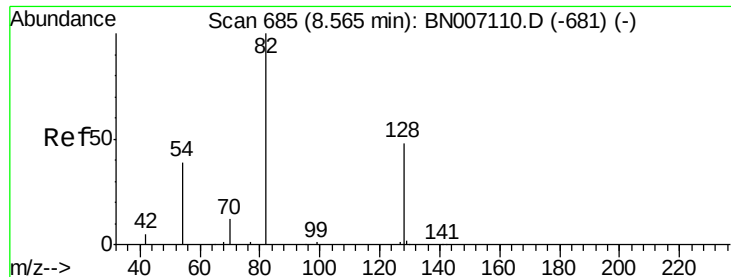
Ion 136.00 (135.70 to 136.70): BN007110.D (-806) (-)

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: 0.433 ng

RT: 8.55 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN007200.D

Acq: 15 Aug 2019 17:22

Instrument :

BNA_N

ClientSampleId :

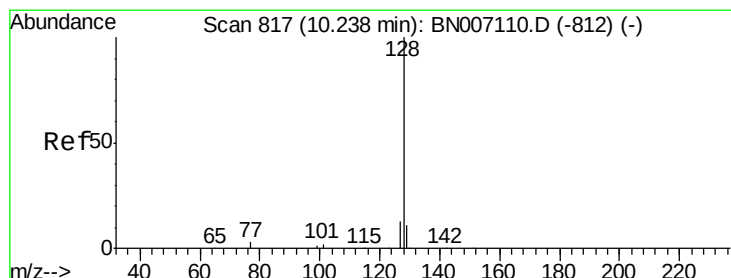
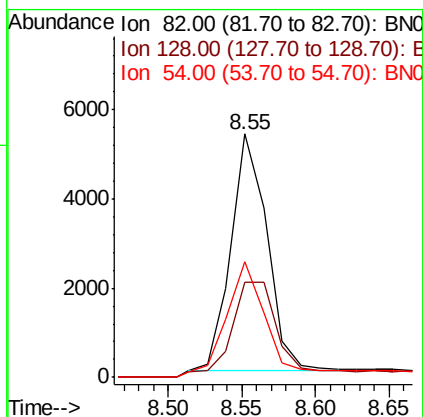
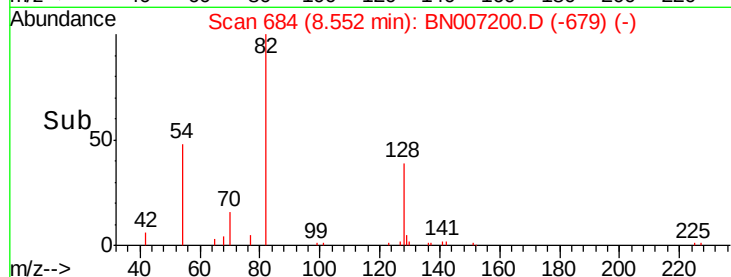
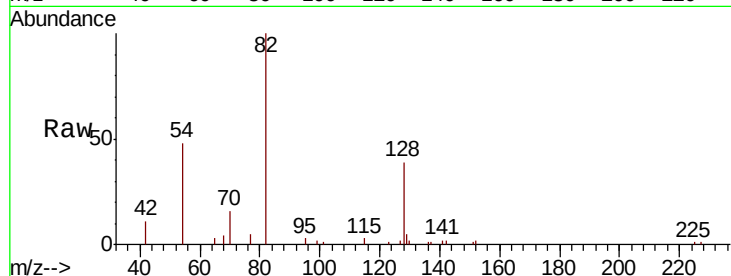
Tot Ion: 82 Resp: 8972

Ion Ratio Lower Upper

82 100

128 39.0 34.6 51.8

54 47.7 36.2 54.4



#8

Naphthalene

Concen: 0.389 ng

RT: 10.22 min Scan# 816

Delta R.T. -0.01 min

Lab File: BN007200.D

Acq: 15 Aug 2019 17:22

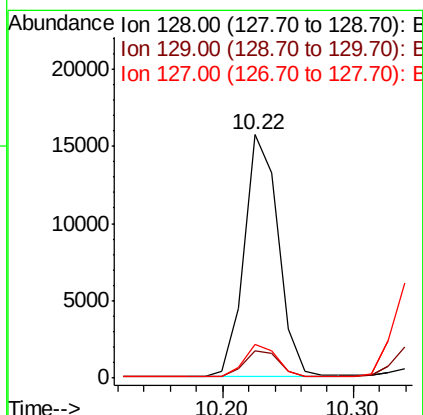
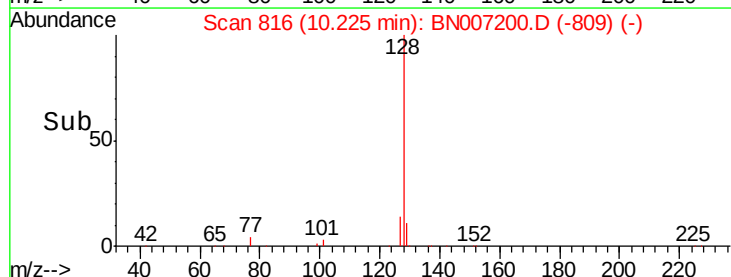
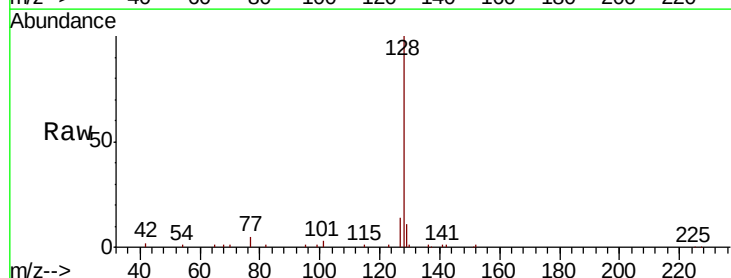
Tgt Ion: 128 Resp: 28025

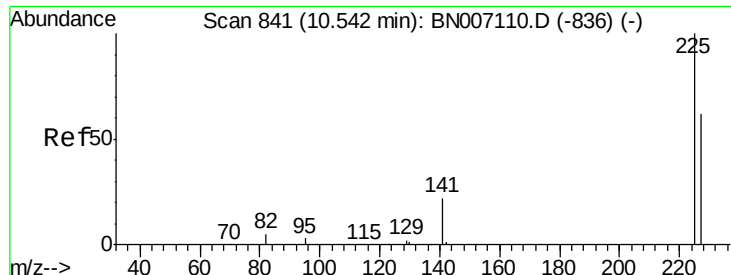
Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

127 14.0 11.0 16.6





#9

Hexachlorobutadiene

Concen: 0.395 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007200.D

Acq: 15 Aug 2019 17:22

Instrument :

BNA_N

ClientSampleId :

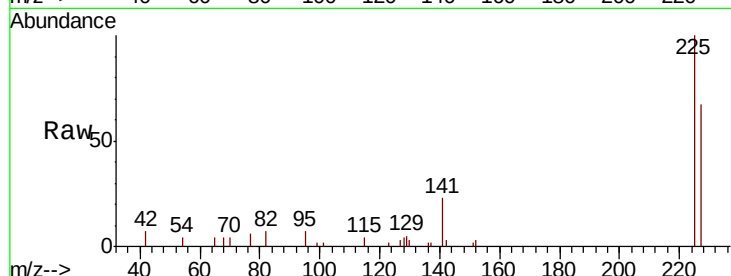
Tot Ion:225 Resp: 6073

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

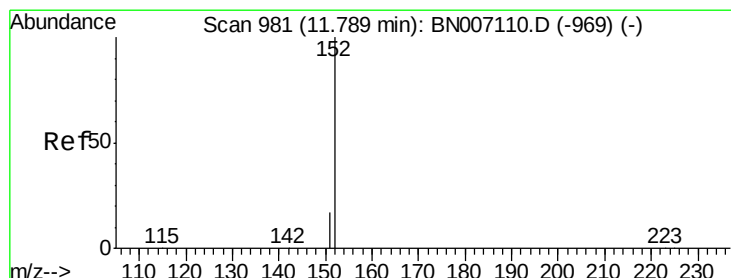
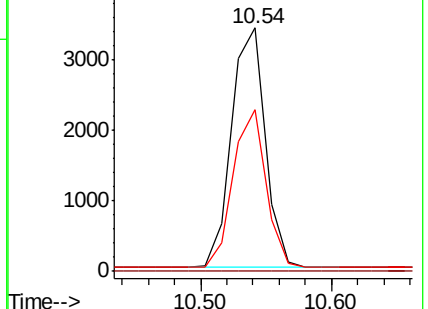
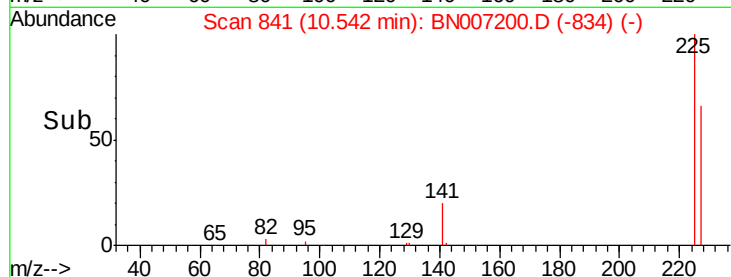
227 64.4 51.1 76.7



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: 0.384 ng

RT: 11.78 min Scan# 980

Delta R.T. -0.01 min

Lab File: BN007200.D

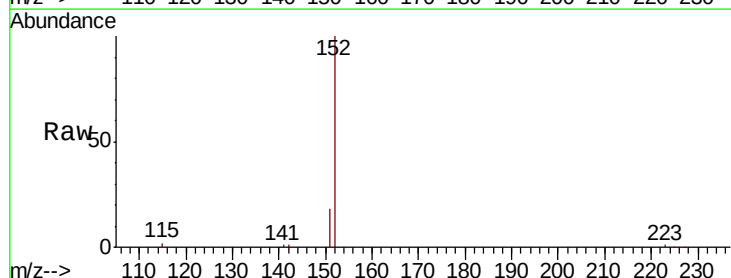
Acq: 15 Aug 2019 17:22

Tgt Ion:152 Resp: 18399

Ion Ratio Lower Upper

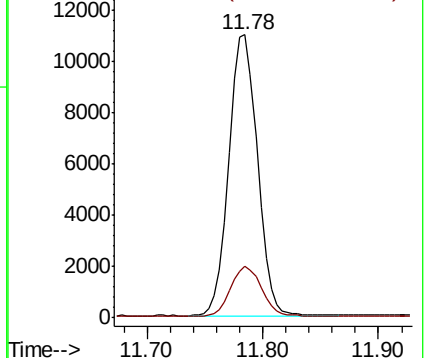
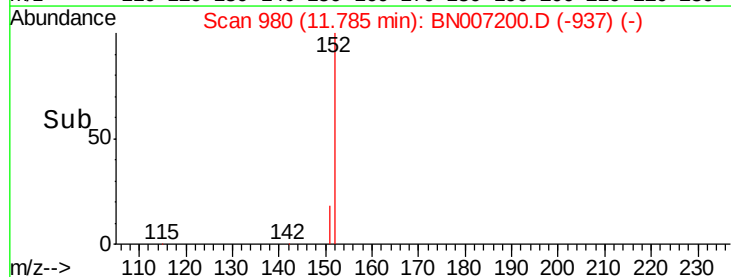
152 100

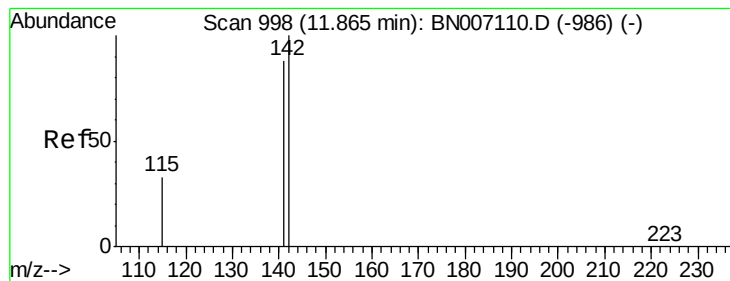
151 19.0 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.386 ng

RT: 11.86 min Scan# 997

Delta R.T. -0.01 min

Lab File: BN007200.D

Acq: 15 Aug 2019 17:22

Instrument :

BNA_N

ClientSampleId :

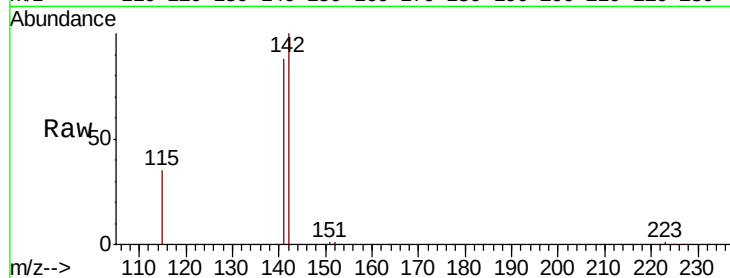
Tot Ion:142 Resp: 19723

Ion Ratio Lower Upper

142 100

141 88.2 69.0 103.6

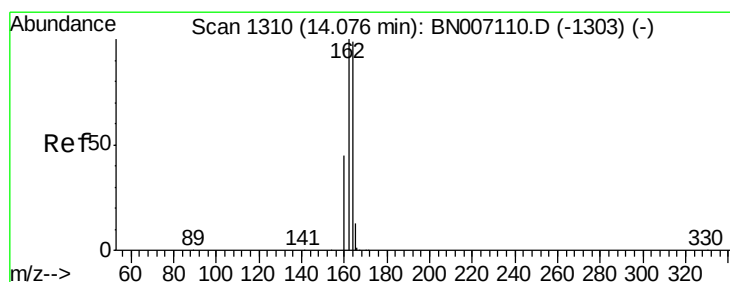
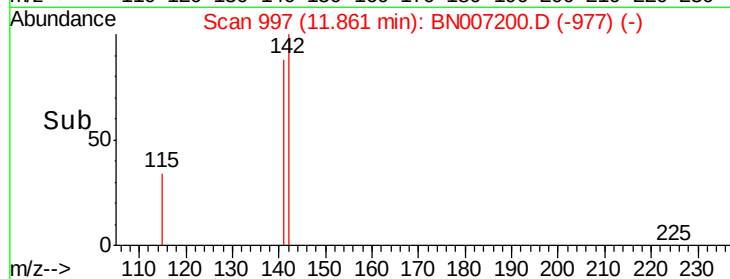
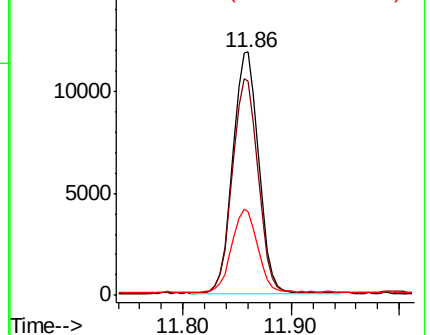
115 34.6 27.1 40.7



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: 14.06 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BN007200.D

Acq: 15 Aug 2019 17:22

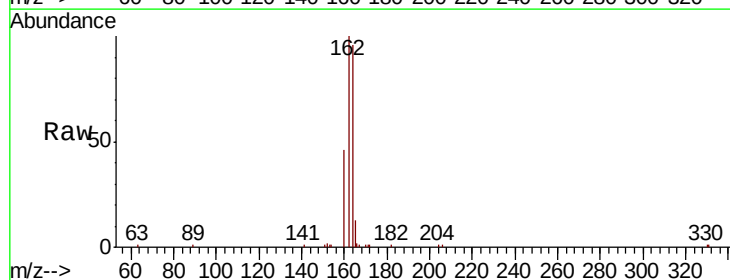
Tgt Ion:164 Resp: 14268

Ion Ratio Lower Upper

164 100

162 104.1 82.2 123.4

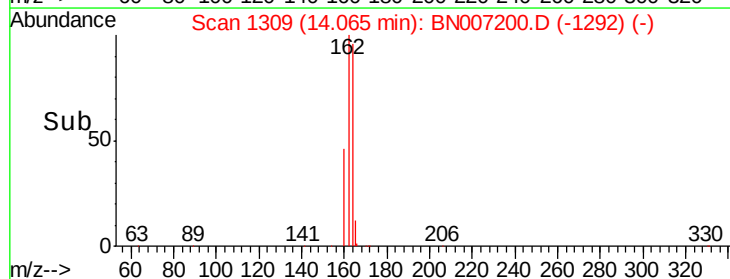
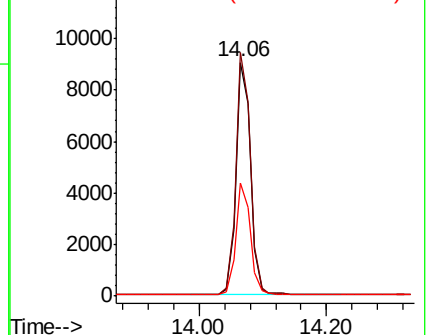
160 48.2 38.3 57.5

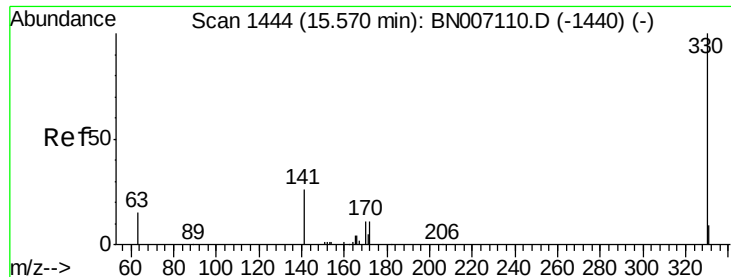


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

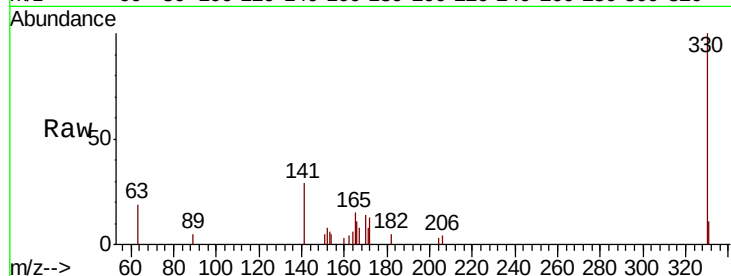




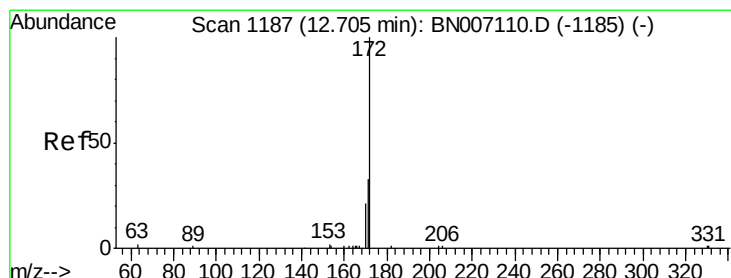
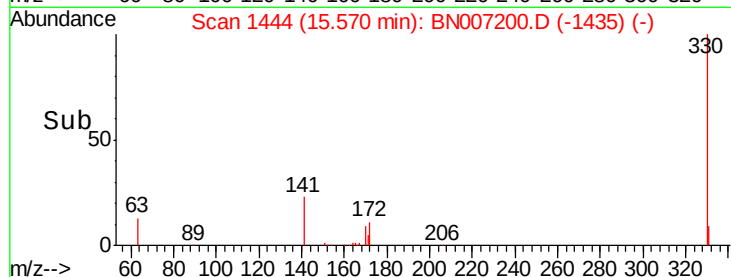
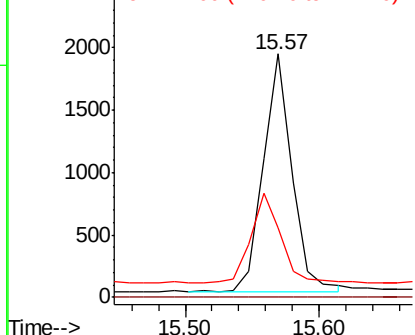
#13
 2,4,6-Tribromophenol
 Concen: 0.371 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007200.D
 Acq: 15 Aug 2019 17:22

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:330 Resp: 2853
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 38.9 33.6 50.4

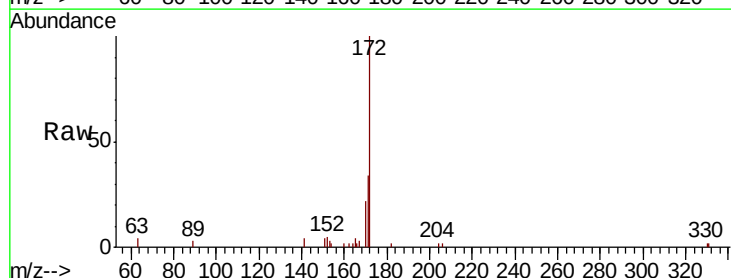


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

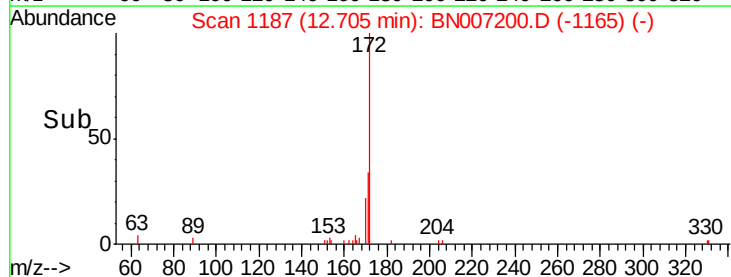
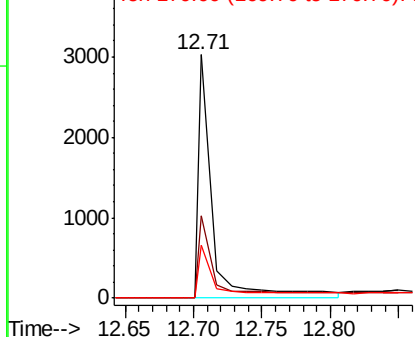


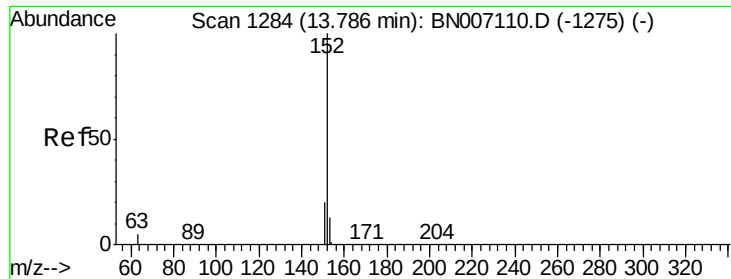
#14
 2-Fluorobiphenyl
 Concen: 0.120 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007200.D
 Acq: 15 Aug 2019 17:22

Tgt Ion:172 Resp: 2480
 Ion Ratio Lower Upper
 172 100
 171 33.6 26.3 39.5
 170 21.8 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: 0.484 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007200.D

Acq: 15 Aug 2019 17:22

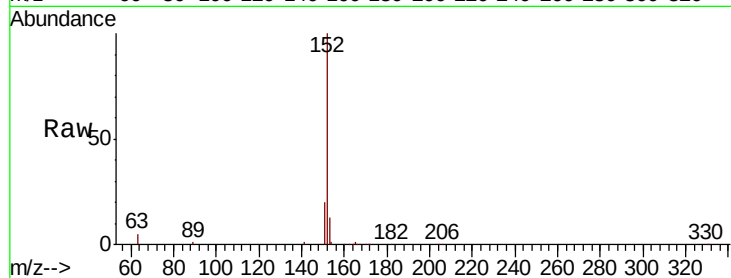
Instrument :

BNA_N

ClientSampled :

Tot Ion:152 Resp: 36114

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.6
153	12.8	10.4	15.6

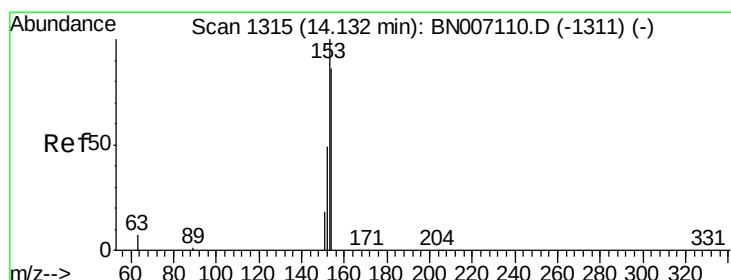
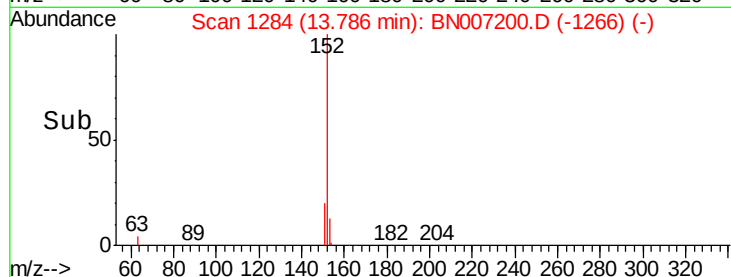
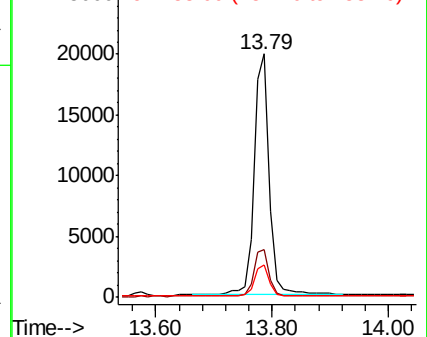


Abundance

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: 0.406 ng

RT: 14.13 min Scan# 1315

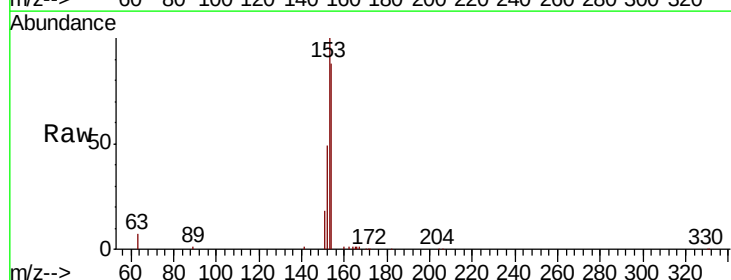
Delta R.T. -0.01 min

Lab File: BN007200.D

Acq: 15 Aug 2019 17:22

Tgt Ion:154 Resp: 19413

Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.5	134.3
152	55.5	44.8	67.2

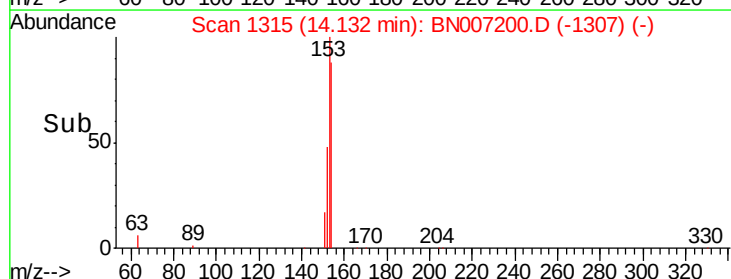
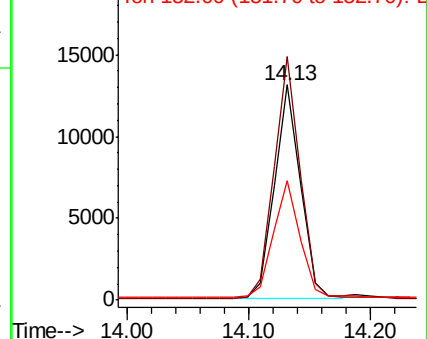


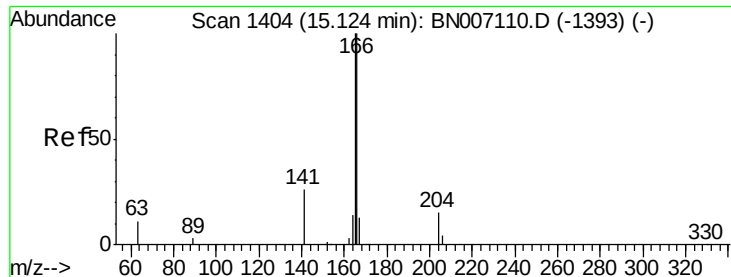
Abundance

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

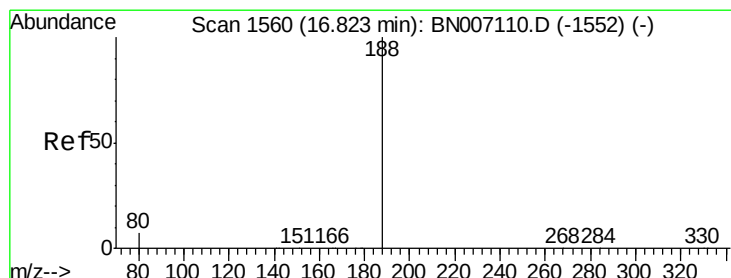
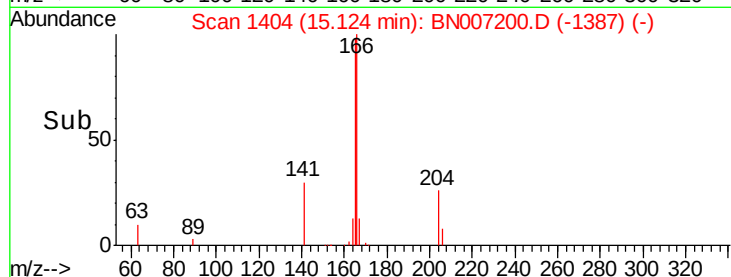
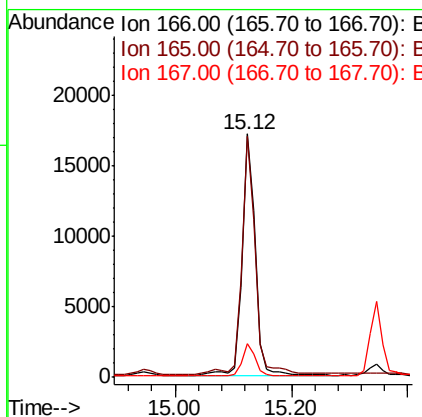
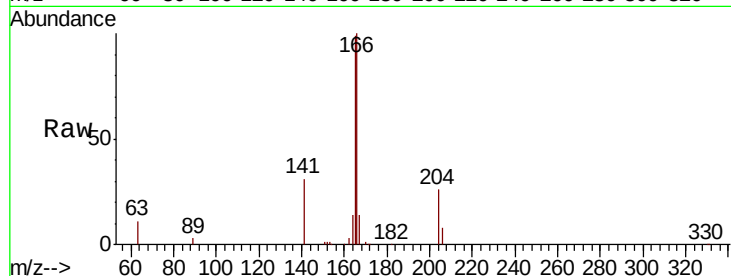




#17
Fluorene
 Concen: 0.376 ng
 RT: 15.12 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BN007200.D
 Acq: 15 Aug 2019 17:22

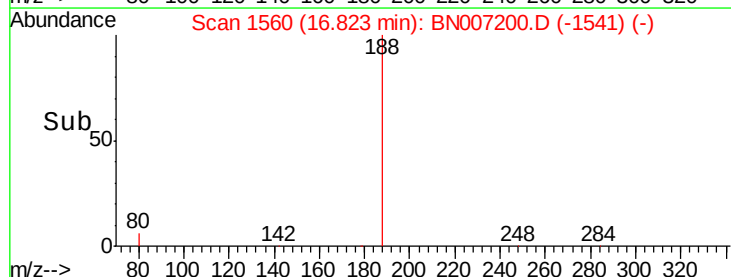
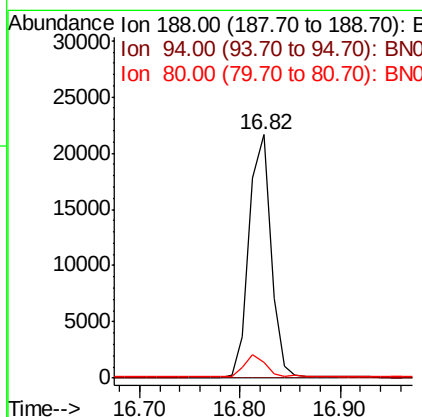
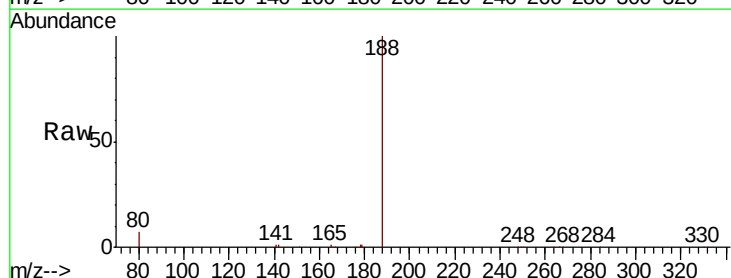
Instrument :
 BNA_N
 ClientSampleId :

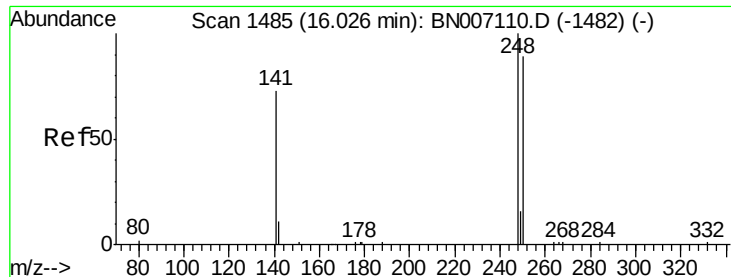
Tot Ion	166	Resp	26896
Ion Ratio	100	Lower	Upper
165	101.0	77.9	116.9
167	13.4	10.9	16.3



#18
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.82 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BN007200.D
 Acq: 15 Aug 2019 17:22

Tgt Ion	188	Resp	32942
Ion Ratio	100	Lower	Upper
94	0.0	0.0	0.0
80	6.5	7.8	11.6





#19

4-Bromophenyl-phenylether

Concen: 0.435 ng

RT: 16.03 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN007200.D

Acq: 15 Aug 2019 17:22

Instrument :

BNA_N

ClientSampleId :

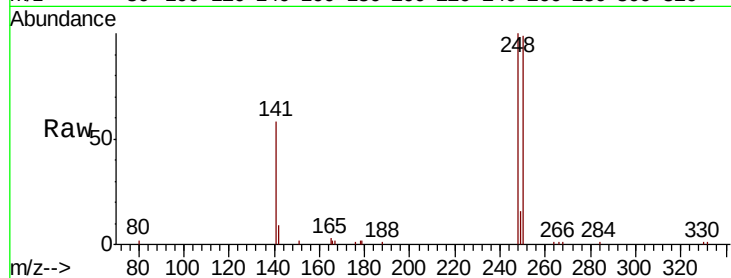
Tot Ion:248 Resp: 8863

Ion Ratio Lower Upper

248 100

250 99.4 78.9 118.3

141 58.1 43.3 64.9

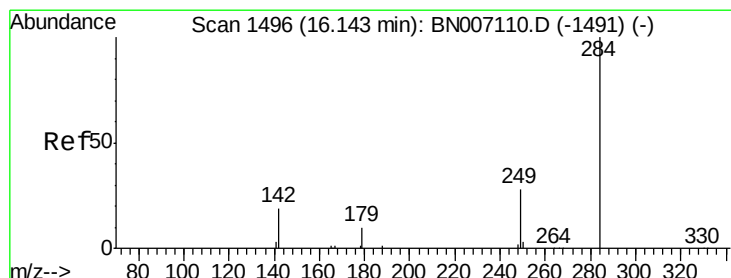
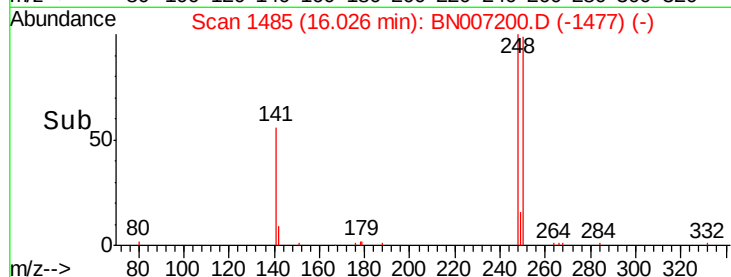
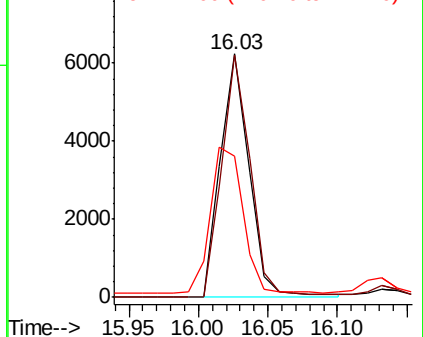


Abundance

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: 0.461 ng

RT: 16.13 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BN007200.D

Acq: 15 Aug 2019 17:22

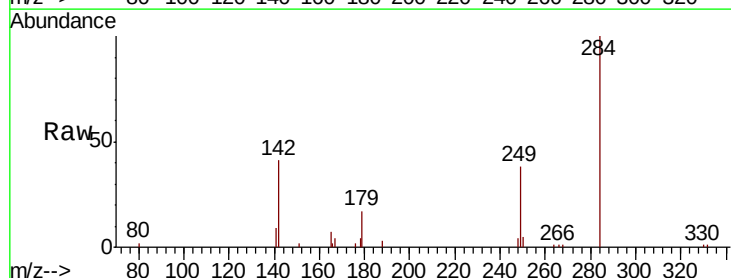
Tgt Ion:284 Resp: 9036

Ion Ratio Lower Upper

284 100

142 37.1 30.5 45.7

249 33.1 26.7 40.1

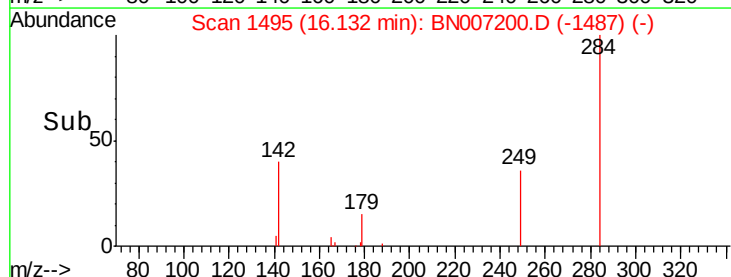
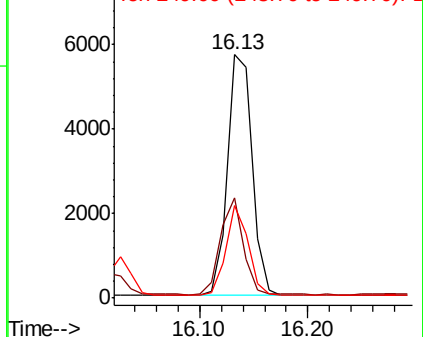


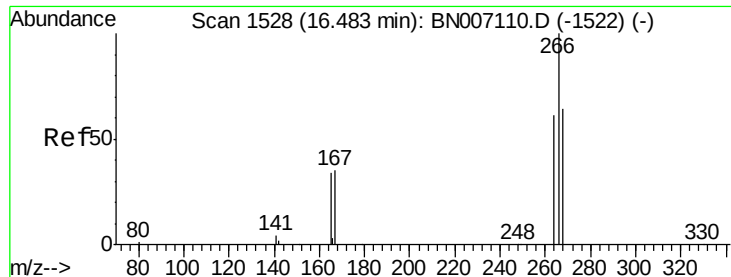
Abundance

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

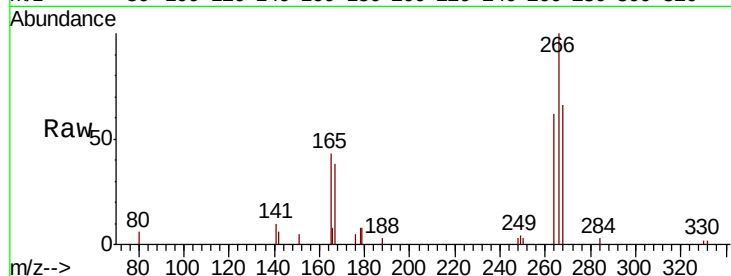




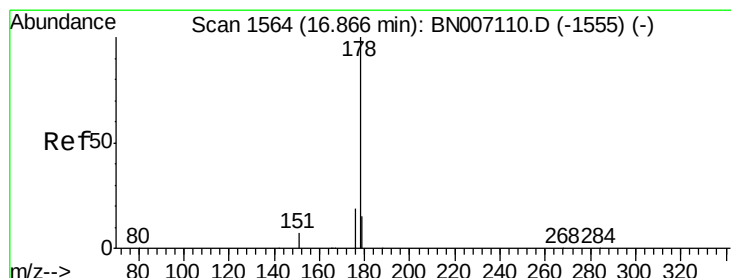
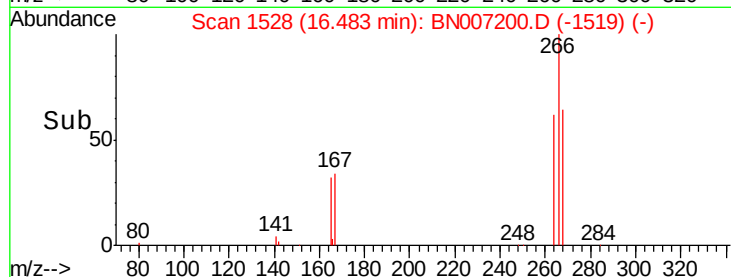
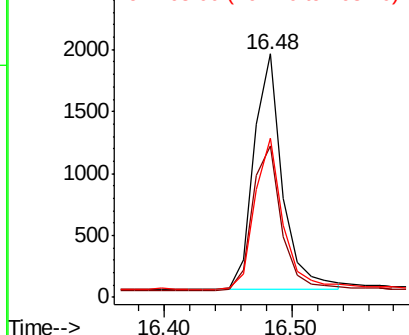
#21
 Pentachlorophenol
 Concen: 0.409 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007200.D
 Acq: 15 Aug 2019 17:22

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:266 Resp: 2987
 Ion Ratio Lower Upper
 266 100
 264 62.3 52.3 78.5
 268 65.6 51.5 77.3

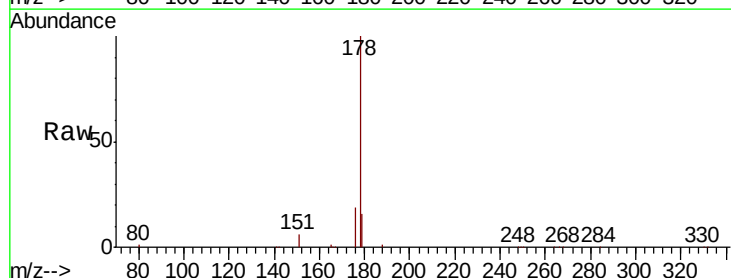


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

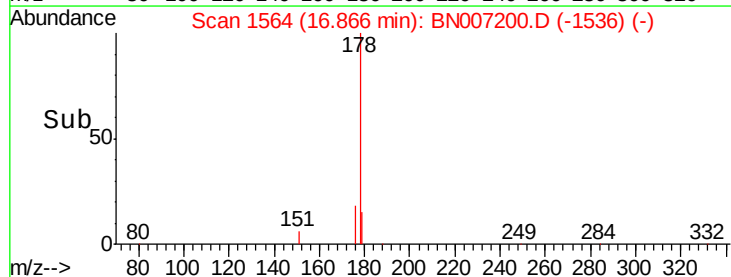
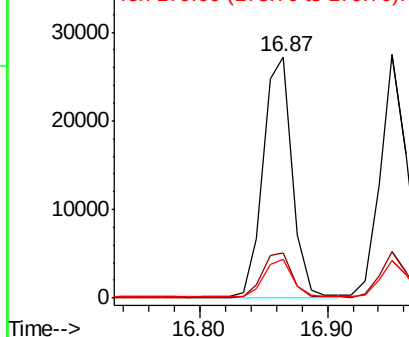


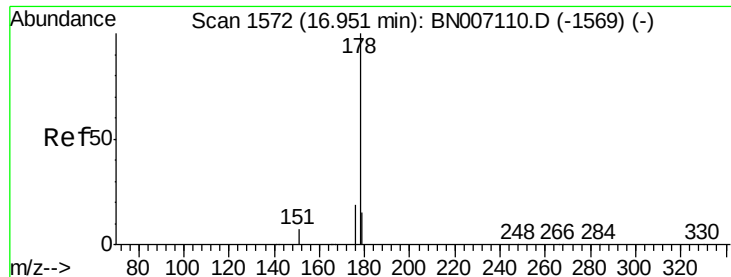
#22
 Phenanthrene
 Concen: 0.433 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007200.D
 Acq: 15 Aug 2019 17:22

Tgt Ion:178 Resp: 42768
 Ion Ratio Lower Upper
 178 100
 176 18.9 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

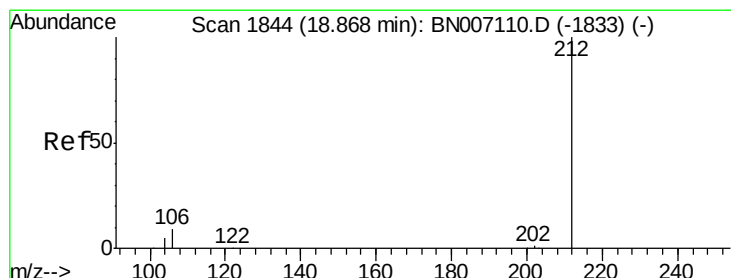
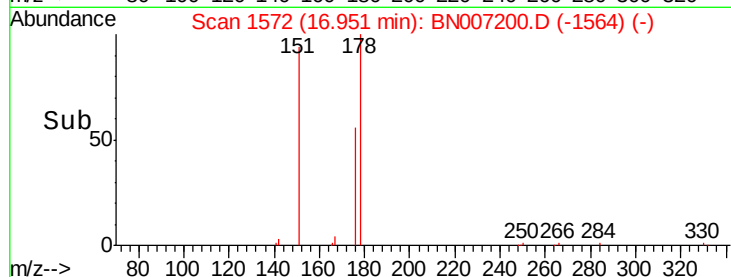
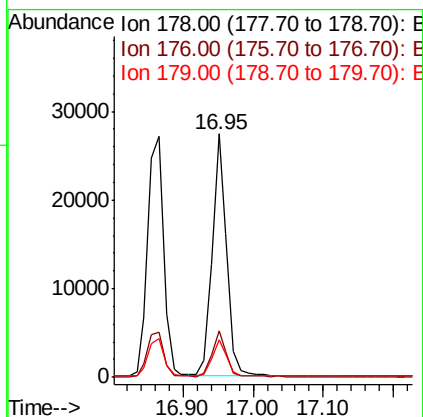
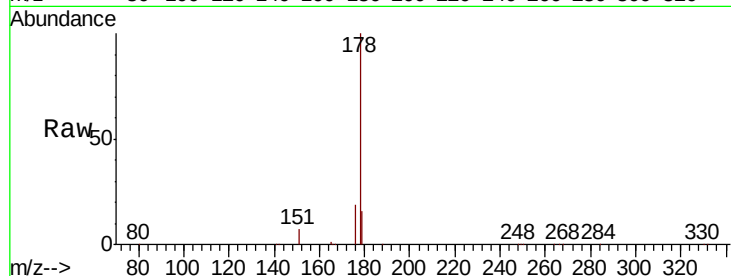




#23
 Anthracene
 Concen: 0.441 ng
 RT: 16.95 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BN007200.D
 Acq: 15 Aug 2019 17:22

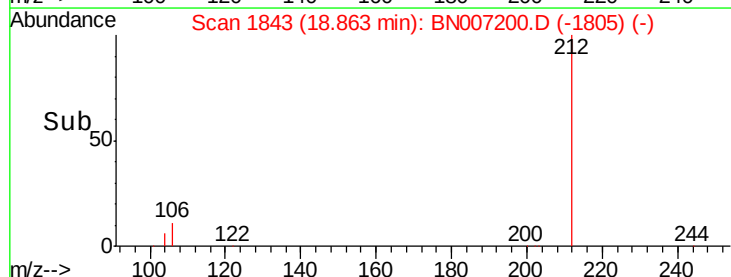
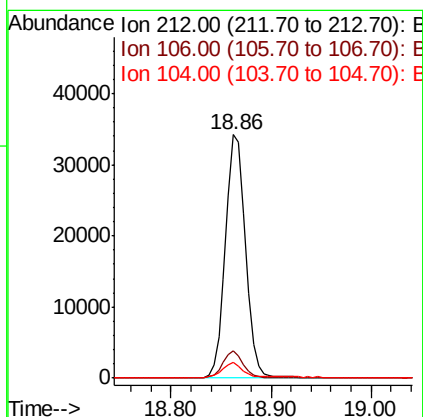
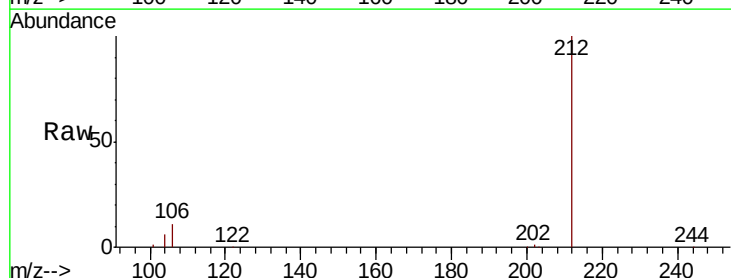
Instrument :
 BNA_N
 ClientSampled :

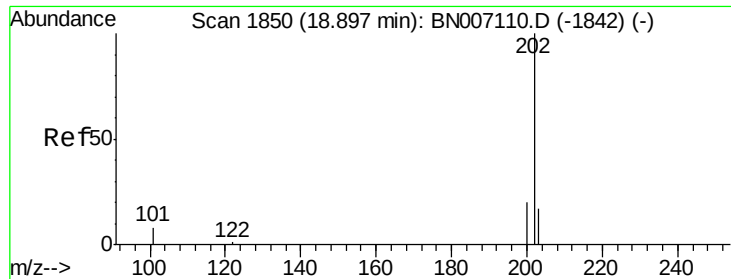
Tot Ion:178 Resp: 39777
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.6 21.8
 179 14.8 12.5 18.7



#24
 Fluoranthene-d10
 Concen: 0.401 ng
 RT: 18.86 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BN007200.D
 Acq: 15 Aug 2019 17:22

Tgt Ion:212 Resp: 46873
 Ion Ratio Lower Upper
 212 100
 106 10.4 8.2 12.2
 104 5.9 4.5 6.7





#25

Fluoranthene

Concen: 0.406 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN007200.D

Acq: 15 Aug 2019 17:22

Instrument :

BNA_N

ClientSampled :

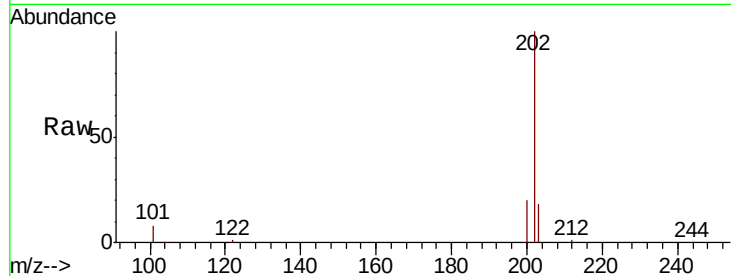
Tot Ion:202 Resp: 51330

Ion Ratio Lower Upper

202 100

101 9.1 7.0 10.4

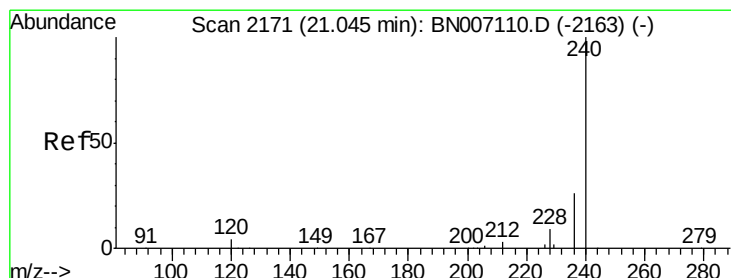
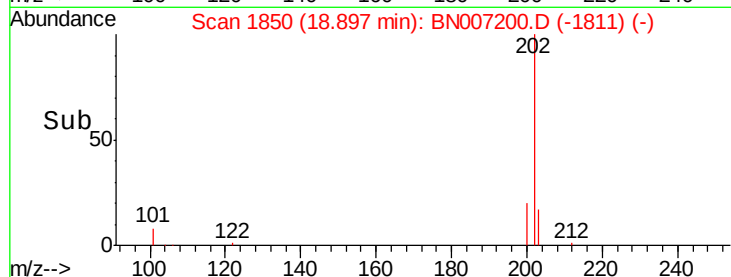
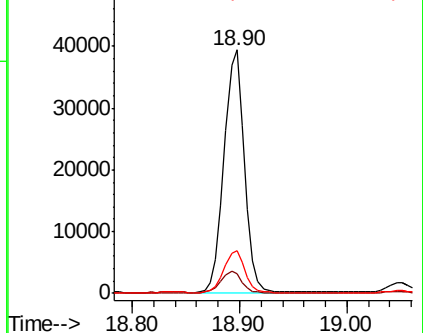
203 17.2 13.8 20.8



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: BN007200.D

Acq: 15 Aug 2019 17:22

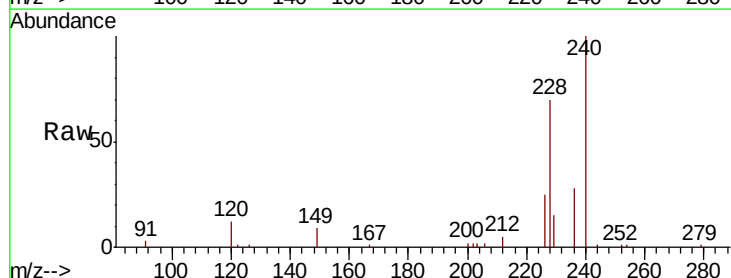
Tgt Ion:240 Resp: 32361

Ion Ratio Lower Upper

240 100

120 12.2 4.0 6.0#

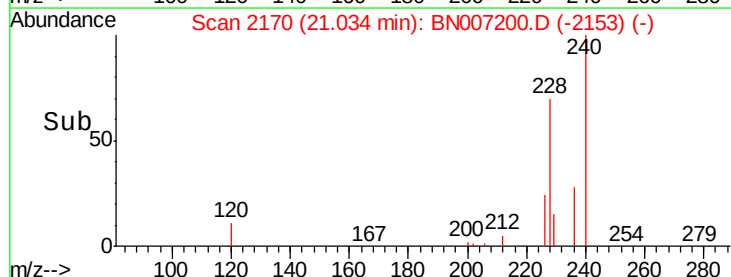
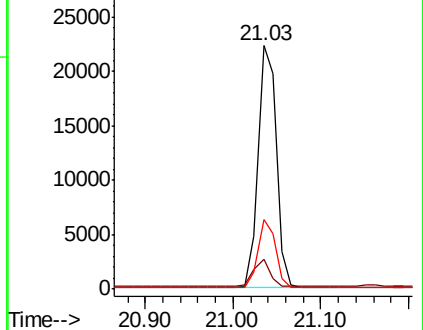
236 28.4 21.3 31.9

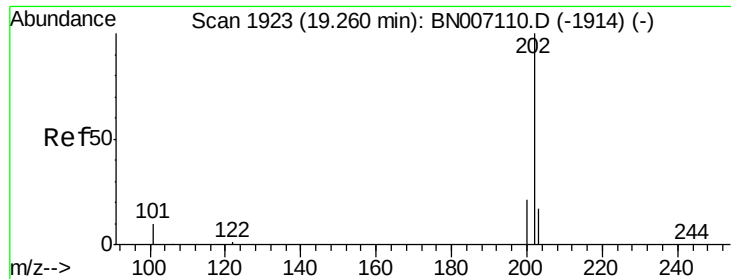


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

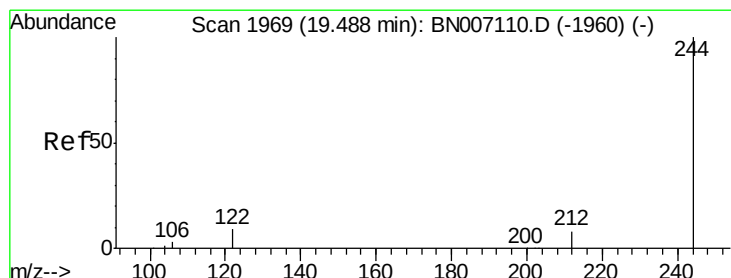
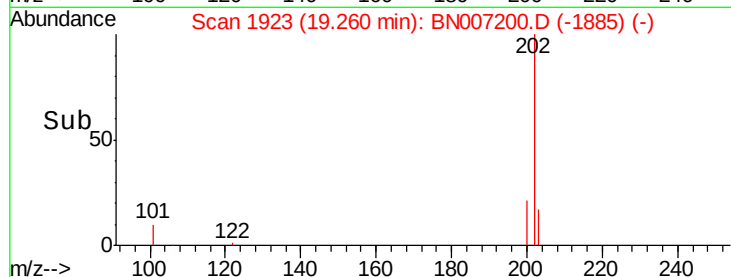
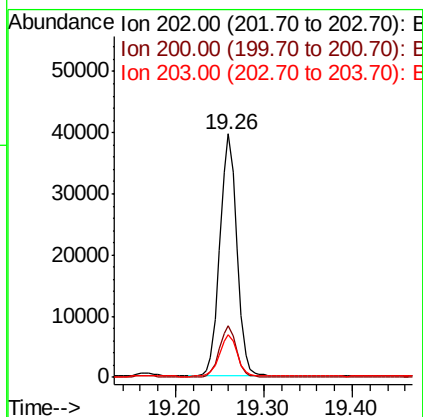
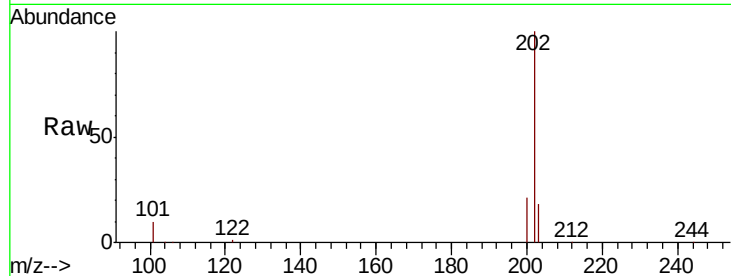




#27
Pvrene
Concen: 0.466 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007200.D
Acq: 15 Aug 2019 17:22

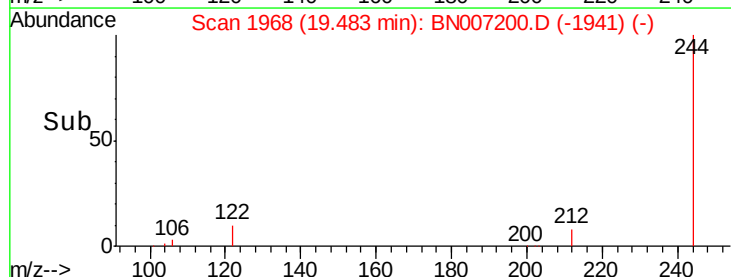
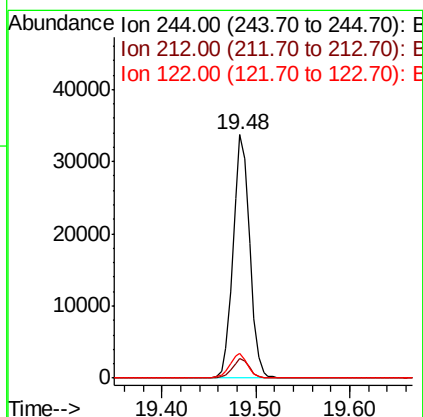
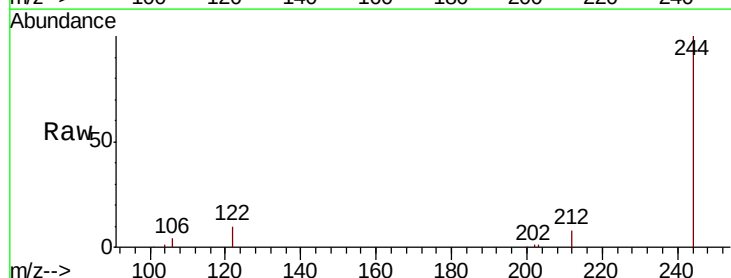
Instrument :
BNA_N
ClientSampleId :

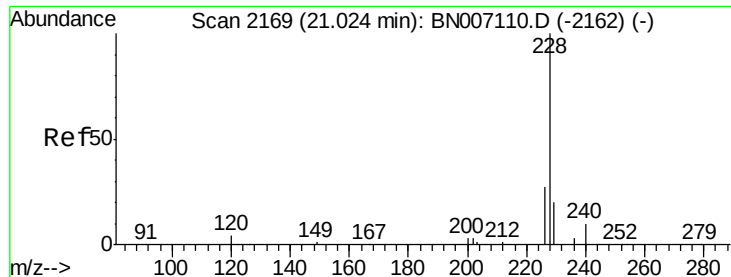
Tot Ion:202 Resp: 52892
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 18.2 14.0 21.0



#28
Terphenyl-d14
Concen: 0.463 ng
RT: 19.48 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BN007200.D
Acq: 15 Aug 2019 17:22

Tgt Ion:244 Resp: 40800
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 10.3 7.4 11.2





#29

Benzo(a)anthracene

Concen: 0.450 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007200.D

Acq: 15 Aug 2019 17:22

Instrument :

BNA_N

ClientSampled :

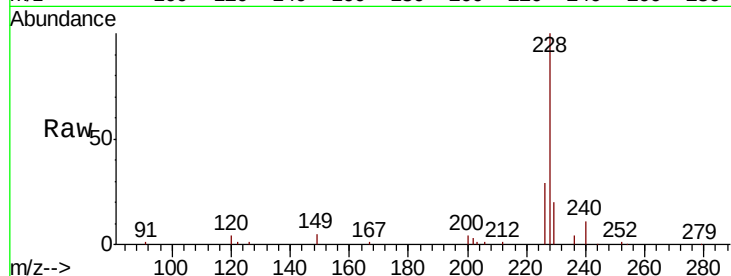
Tot Ion:228 Resp: 53279

Ion Ratio Lower Upper

228 100

226 28.9 21.8 32.6

229 20.0 15.6 23.4

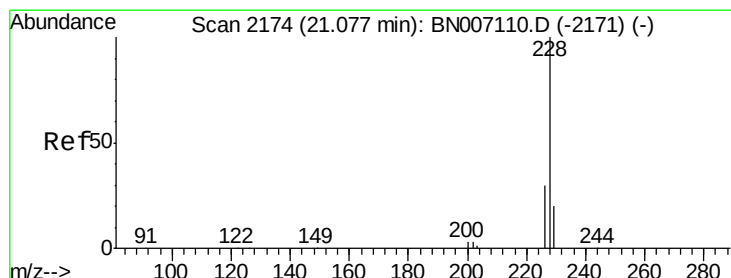
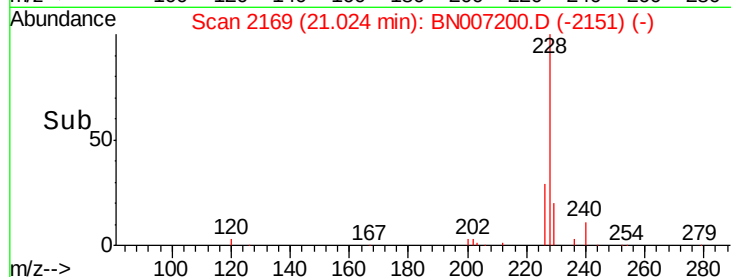
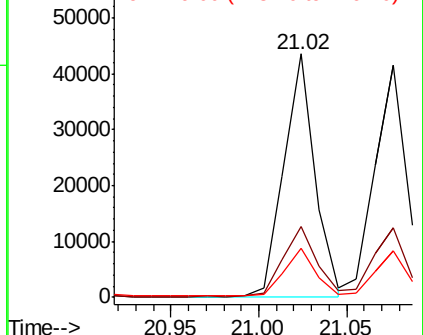


Abundance

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: 0.451 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007200.D

Acq: 15 Aug 2019 17:22

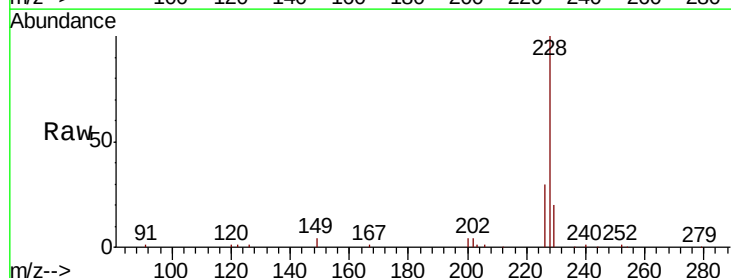
Tgt Ion:228 Resp: 51840

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

229 20.0 15.7 23.5

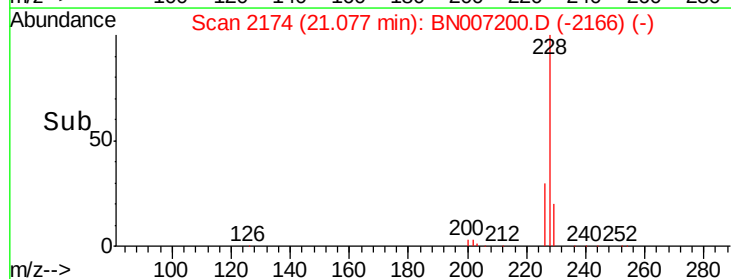
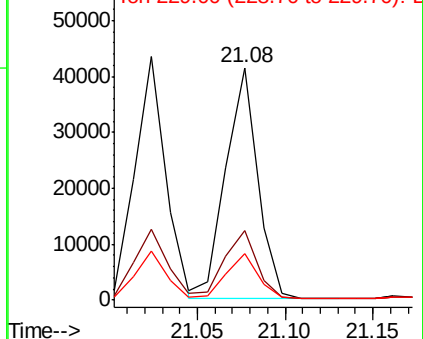


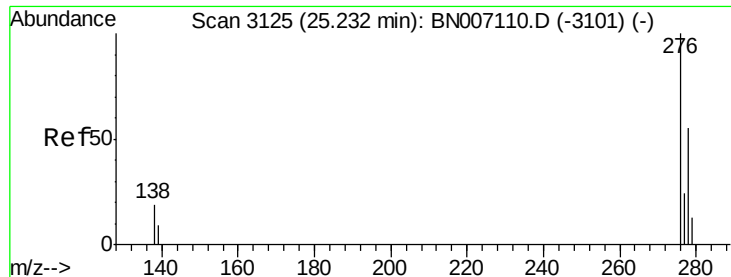
Abundance

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

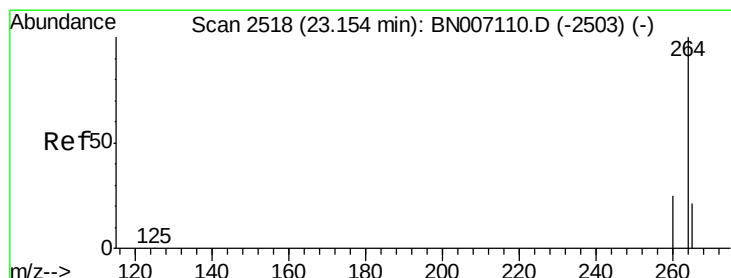
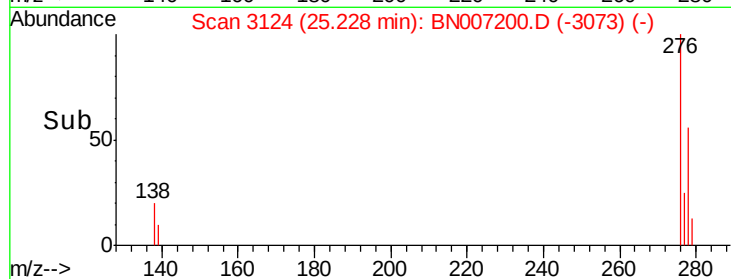
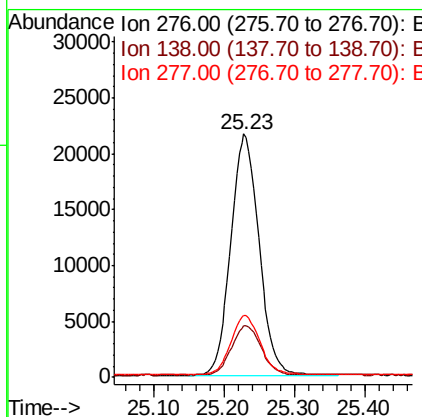
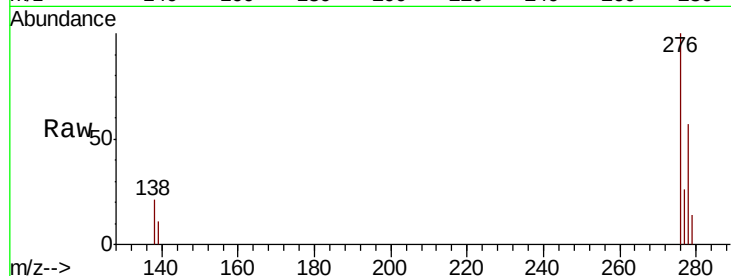




#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.475 ng
 RT: 25.23 min Scan# 3124
 Delta R.T. -0.02 min
 Lab File: BN007200.D
 Acq: 15 Aug 2019 17:22

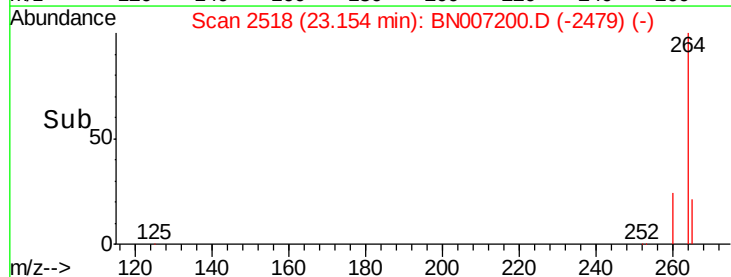
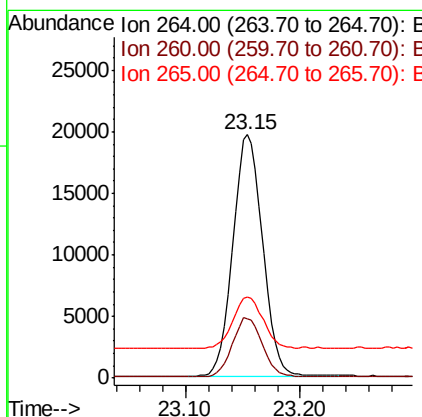
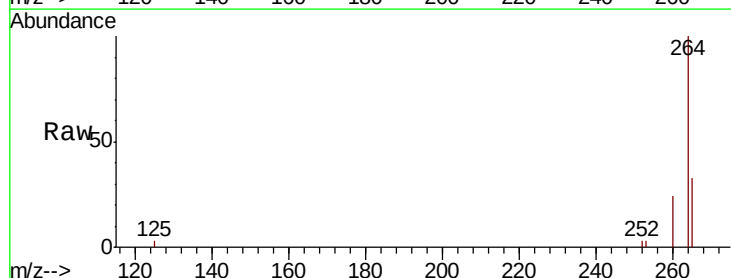
Instrument :
 BNA_N
 ClientSampleId :

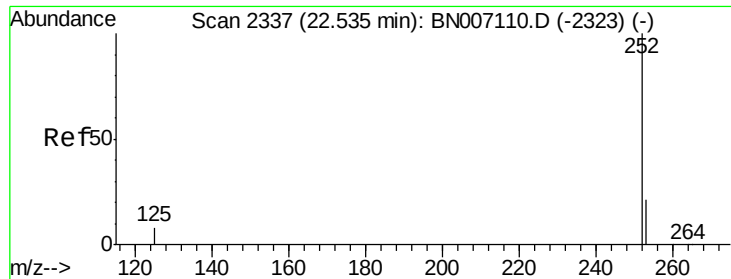
Tot Ion:276 Resp: 60147
 Ion Ratio Lower Upper
 276 100
 138 21.6 16.0 24.0
 277 24.8 19.9 29.9



#32
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.15 min Scan# 2518
 Delta R.T. -0.02 min
 Lab File: BN007200.D
 Acq: 15 Aug 2019 17:22

Tgt Ion:264 Resp: 35198
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.8
 265 33.5 26.2 39.4





#33

Benzo(b)fluoranthene

Concen: 0.434 ng

RT: 22.53 min Scan# 2336

Delta R.T. -0.02 min

Lab File: BN007200.D

Acq: 15 Aug 2019 17:22

Instrument :

BNA_N

ClientSampleId :

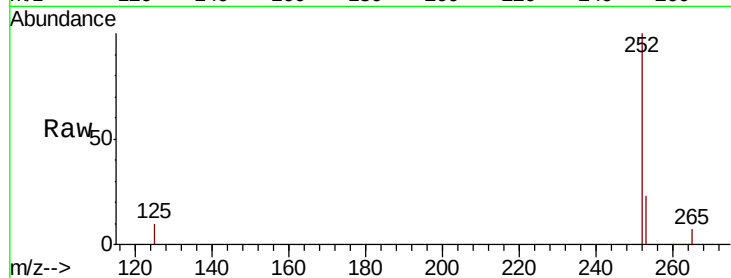
Tot Ion:252 Resp: 52433

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

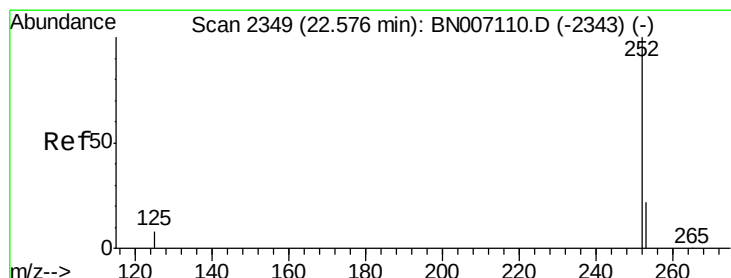
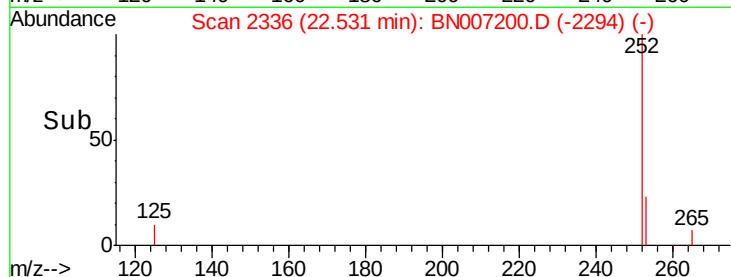
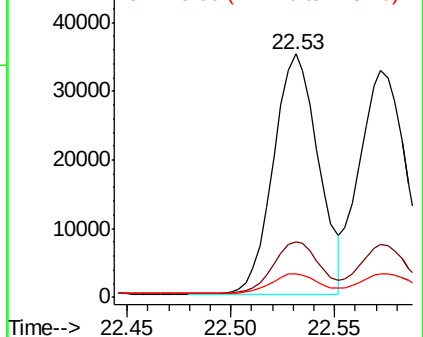
125 9.9 7.4 11.0



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: 0.428 ng

RT: 22.57 min Scan# 2348

Delta R.T. -0.02 min

Lab File: BN007200.D

Acq: 15 Aug 2019 17:22

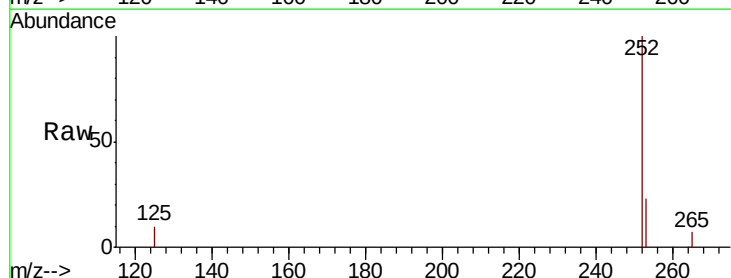
Tgt Ion:252 Resp: 50971

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

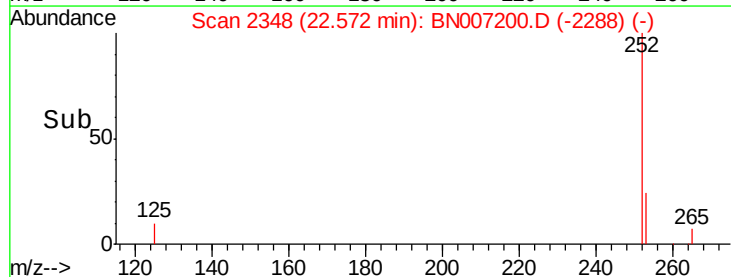
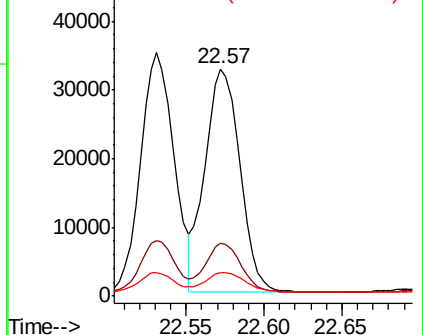
125 10.2 7.4 11.0

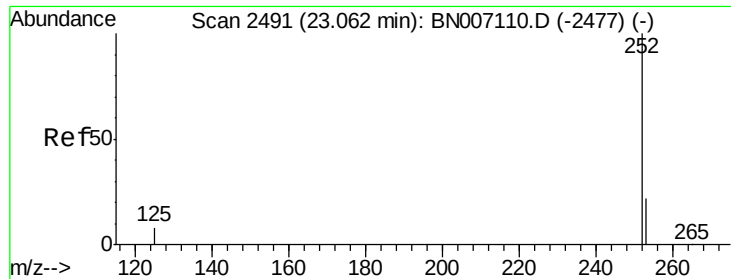


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.448 ng

RT: 23.06 min Scan# 2491

Delta R.T. -0.02 min

Lab File: BN007200.D

Acq: 15 Aug 2019 17:22

Instrument :

BNA_N

ClientSampleId :

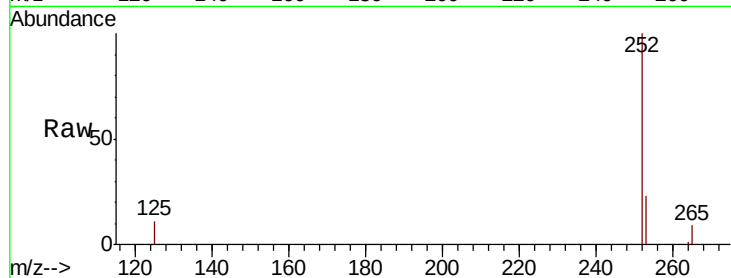
Tot Ion:252 Resp: 48968

Ion Ratio Lower Upper

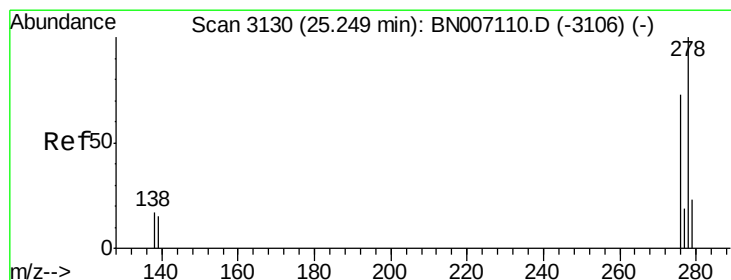
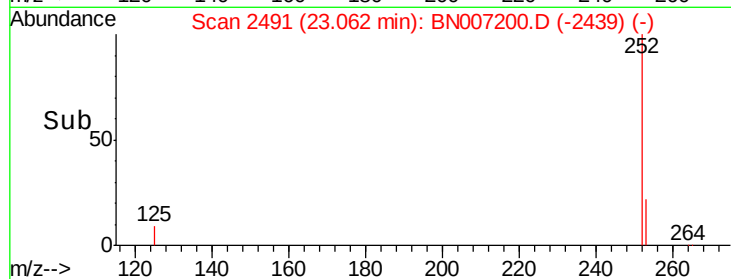
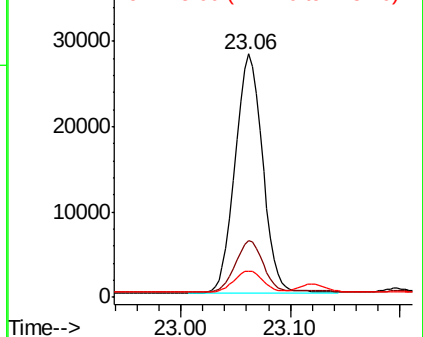
252 100

253 23.5 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: 0.447 ng

RT: 25.25 min Scan# 3129

Delta R.T. -0.03 min

Lab File: BN007200.D

Acq: 15 Aug 2019 17:22

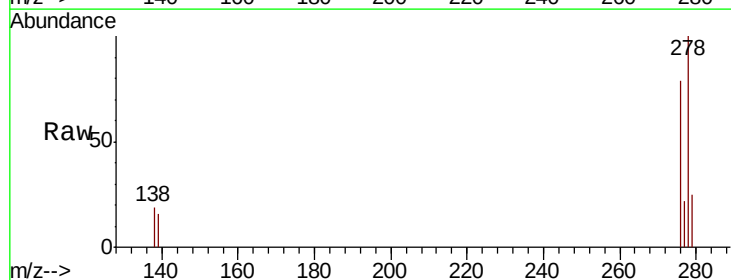
Tgt Ion:278 Resp: 48838

Ion Ratio Lower Upper

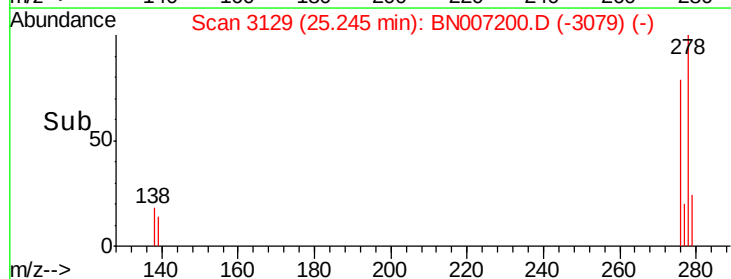
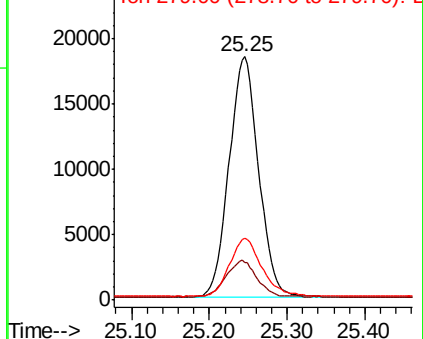
278 100

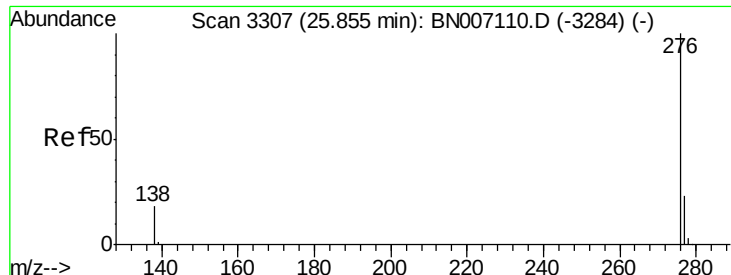
139 15.5 11.3 16.9

279 25.5 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: 0.440 ng

RT: 25.85 min Scan# 3307

Delta R.T. -0.02 min

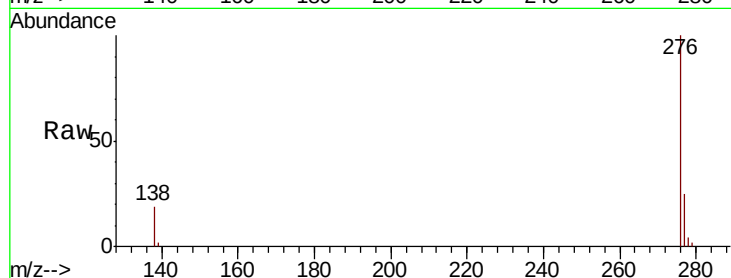
Lab File: BN007200.D

Acq: 15 Aug 2019 17:22

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 49370

Ion Ratio Lower Upper

276 100

277 25.0 19.8 29.8

138 18.9 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

