

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081619\
 Data File : BN007219.D
 Acq On : 16 Aug 2019 12:12
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Aug 16 23:03:17 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	7.42	152	6005	0.40	ng	-0.02
6) Naphthalene-d8	10.17	136	22200	0.40	ng	-0.01
12) Acenaphthene-d10	14.07	164	12933	0.40	ng	-0.01
18) Phenanthrene-d10	16.81	188	32026	0.40	ng	-0.01
26) Chrysene-d12	21.05	240	33325	0.40	ng	-0.01
32) Perylene-d12	23.16	264	37134	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.05	112	6130	0.42	ng	0.00
4) Phenol-d6	6.61	99	7510	0.42	ng	0.00
7) Nitrobenzene-d5	8.55	82	8178	0.46	ng	-0.01
10) 2-Methylnaphthalene-d10	11.78	152	16026	0.39	ng	-0.02
13) 2,4,6-Tribromophenol	15.57	330	2695	0.39	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	1070	0.06	ng	0.00
24) Fluoranthene-d10	18.86	212	46834	0.41	ng	-0.01
28) Terphenyl-d14	19.48	244	41454	0.46	ng	-0.02

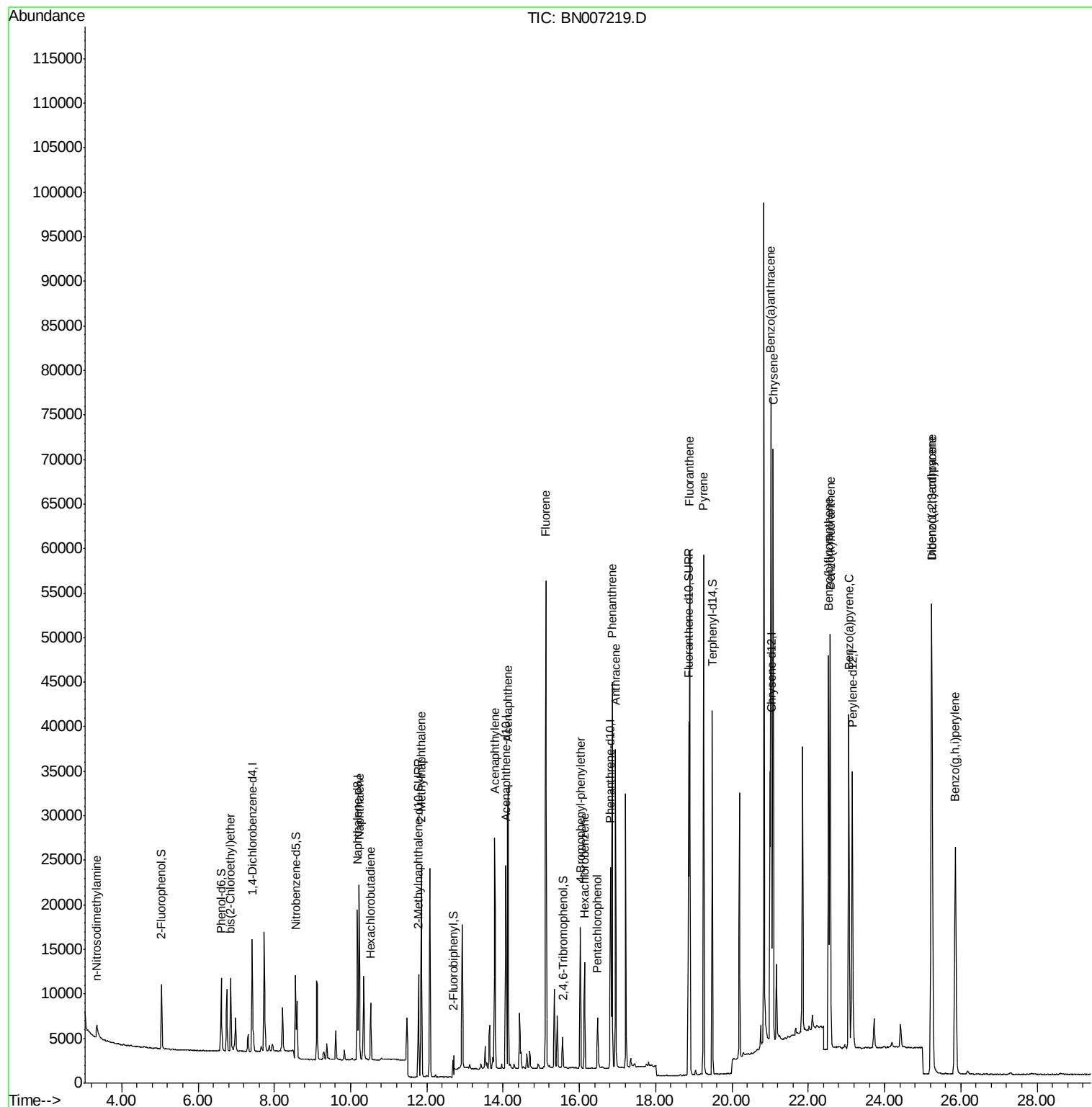
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.34	42	1633	0.413	ng	# 99
5) bis(2-Chloroethyl)ether	6.86	93	6636	0.420	ng	98
8) Naphthalene	10.22	128	24314	0.391	ng	99
9) Hexachlorobutadiene	10.53	225	5288	0.398	ng	# 99
11) 2-Methylnaphthalene	11.85	142	17182	0.390	ng	98
15) Acenaphthylene	13.78	152	29389	0.435	ng	100
16) Acenaphthene	14.13	154	17317	0.400	ng	99
17) Fluorene	15.12	166	24135	0.373	ng	99
19) 4-Bromophenyl-phenylether	16.03	248	8266	0.417	ng	93
20) Hexachlorobenzene	16.13	284	8636	0.453	ng	99
21) Pentachlorophenol	16.47	266	2958	0.417	ng	99
22) Phenanthrene	16.86	178	41721	0.435	ng	100
23) Anthracene	16.95	178	37946	0.433	ng	100
25) Fluoranthene	18.89	202	51824	0.422	ng	100
27) Pyrene	19.25	202	53186	0.455	ng	100
29) Benzo(a)anthracene	21.02	228	52922	0.434	ng	99
30) Chrysene	21.08	228	53276	0.450	ng	100
31) Indeno(1,2,3-cd)pyrene	25.23	276	62611	0.480	ng	98
33) Benzo(b)fluoranthene	22.53	252	54080	0.425	ng	100
34) Benzo(k)fluoranthene	22.58	252	53213	0.423	ng	98
35) Benzo(a)pyrene	23.07	252	49633	0.430	ng	99
36) Dibenzo(a,h)anthracene	25.25	278	51054	0.443	ng	98
37) Benzo(g,h,i)perylene	25.86	276	50531	0.426	ng	99

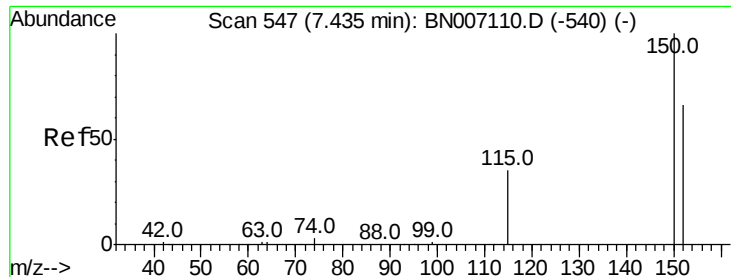
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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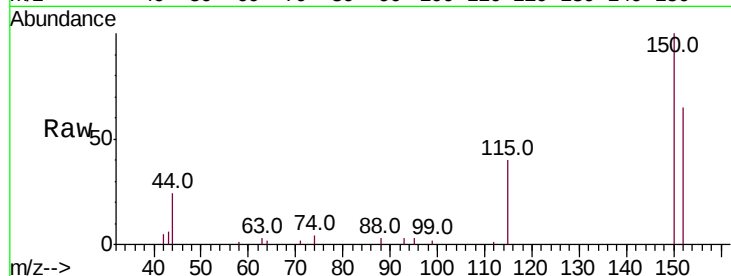


#1

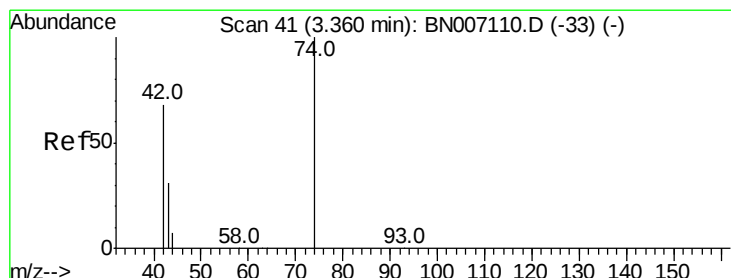
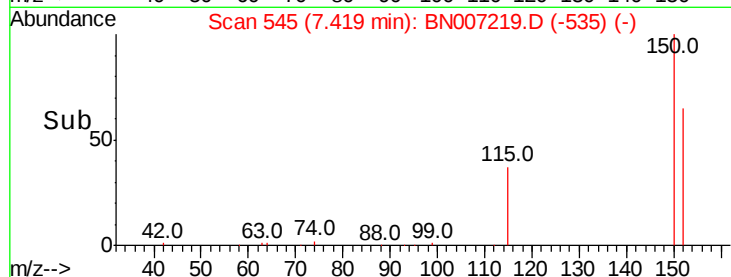
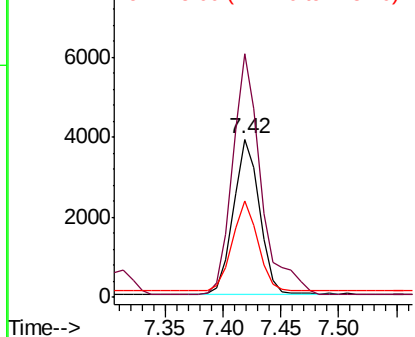
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.42 min Scan# 545
Delta R.T. -0.02 min
Lab File: BN007219.D
Acq: 16 Aug 2019 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 6005
Ion Ratio Lower Upper
152 100
150 154.0 121.7 182.5
115 61.1 46.2 69.4



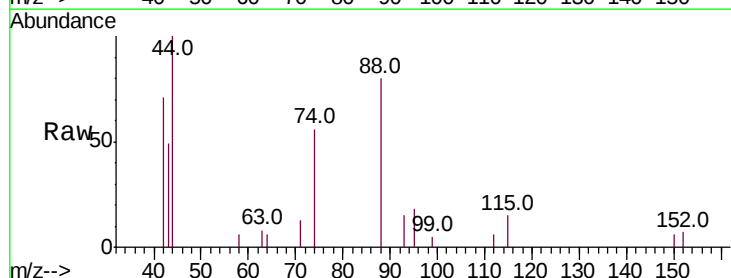
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



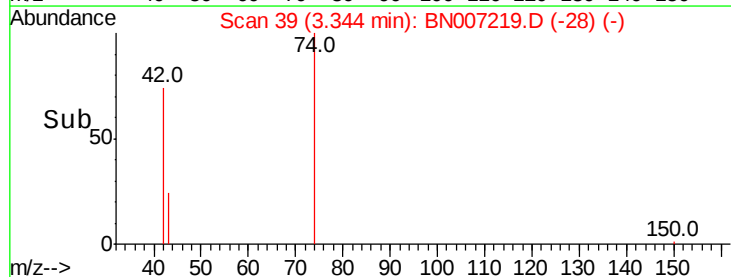
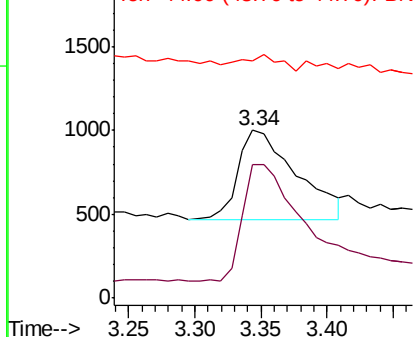
#2

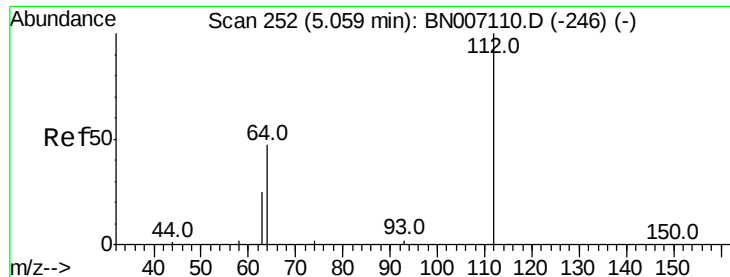
n-Nitrosodimethylamine
Concen: 0.413 ng
RT: 3.34 min Scan# 39
Delta R.T. -0.02 min
Lab File: BN007219.D
Acq: 16 Aug 2019 12:12

Tgt Ion: 42 Resp: 1633
Ion Ratio Lower Upper
42 100
74 136.9 110.6 166.0
44 11.7 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: 0.425 ng

RT: 5.05 min Scan# 251

Delta R.T. -0.01 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

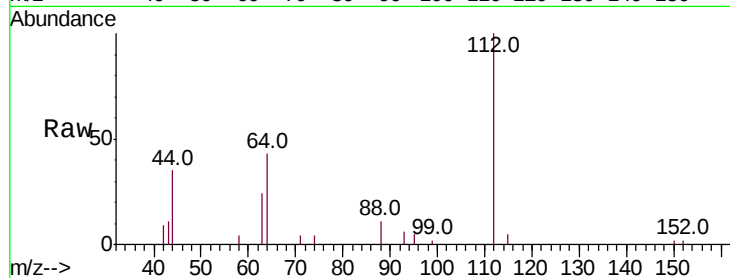
Tot Ion:112 Resp: 6130

Ion Ratio Lower Upper

112 100

64 52.2 42.6 63.8

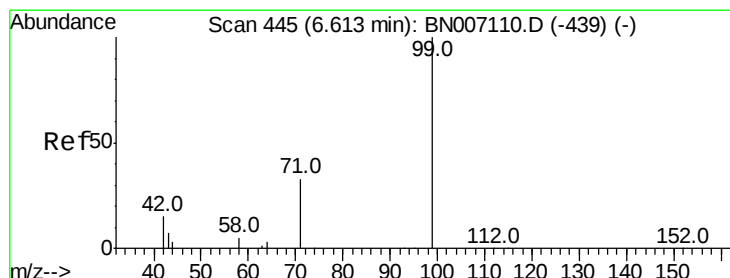
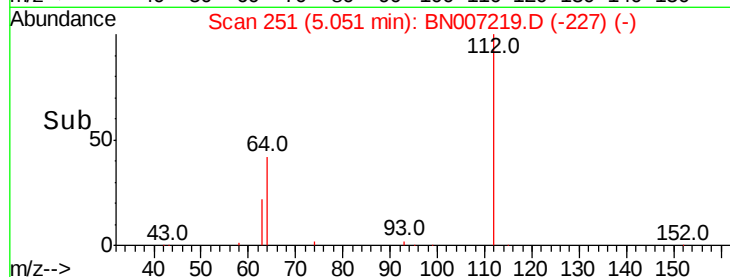
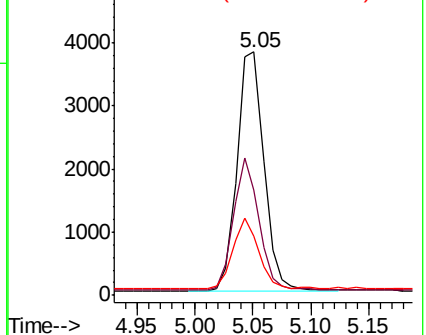
63 28.0 22.2 33.2



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: 0.420 ng

RT: 6.61 min Scan# 444

Delta R.T. -0.01 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

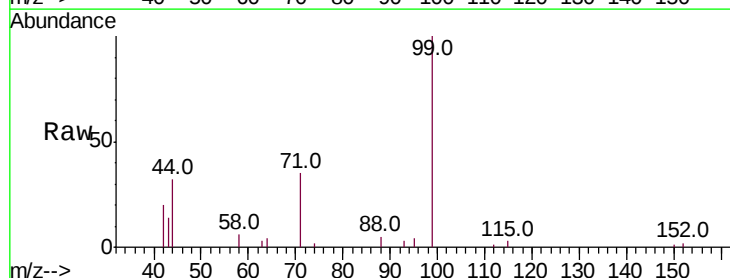
Tgt Ion: 99 Resp: 7510

Ion Ratio Lower Upper

99 100

42 18.5 15.8 23.6

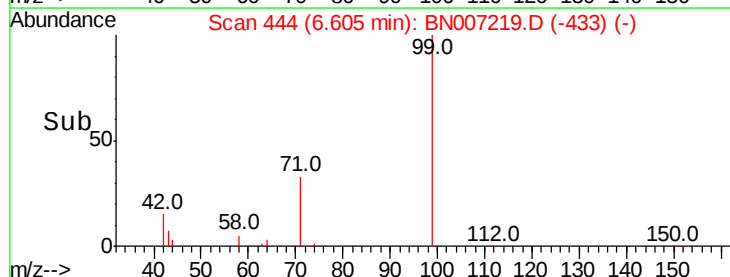
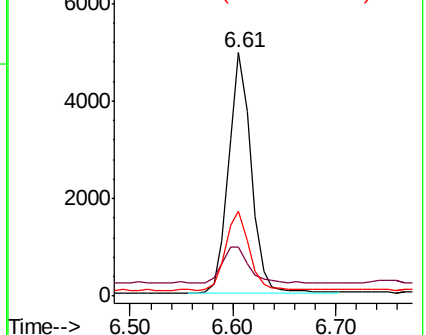
71 34.3 27.0 40.4

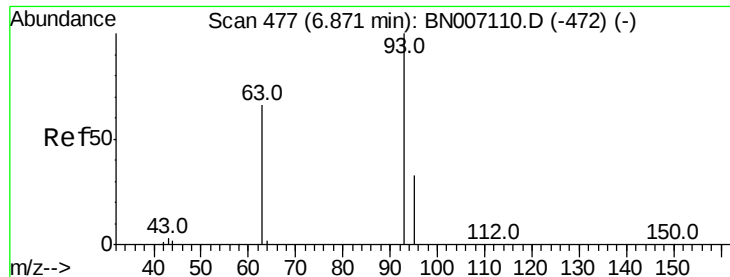


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#5

bis(2-Chloroethyl)ether

Concen: 0.420 ng

RT: 6.86 min Scan# 475

Delta R.T. -0.02 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

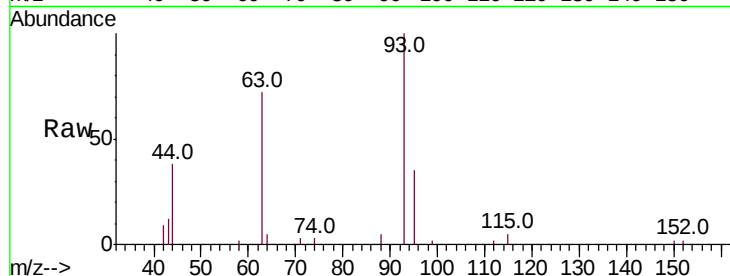
Tot Ion: 93 Resp: 6636

Ion Ratio Lower Upper

93 100

63 67.9 55.6 83.4

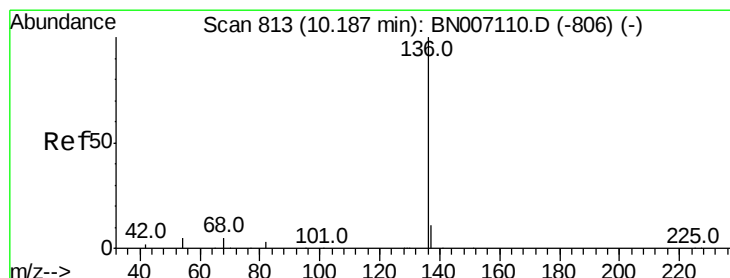
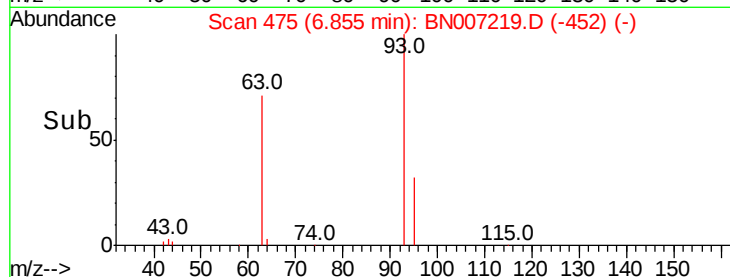
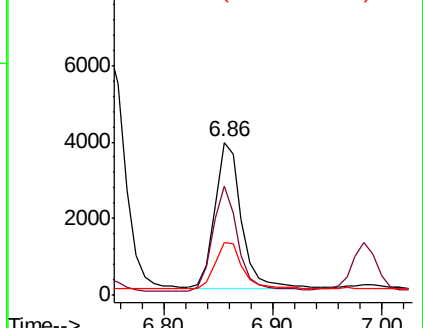
95 32.2 26.7 40.1



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: 10.17 min Scan# 812

Delta R.T. -0.01 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

Tgt Ion: 136 Resp: 22200

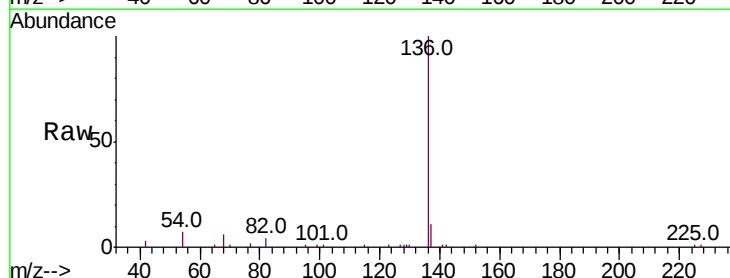
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.0

54 6.7 6.6 9.8

68 6.1 6.0 9.0

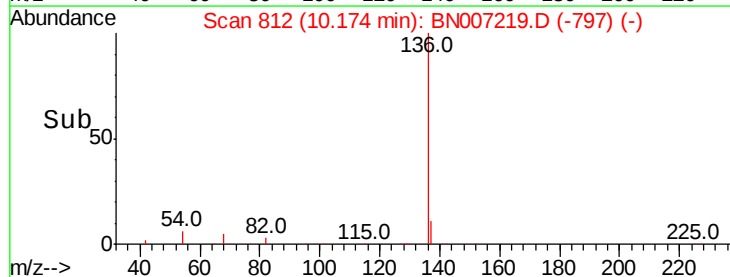
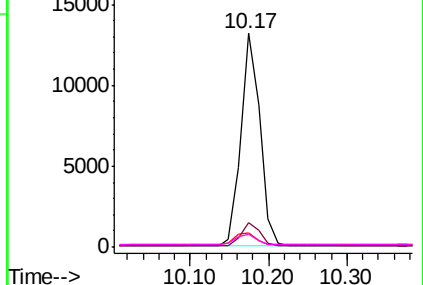


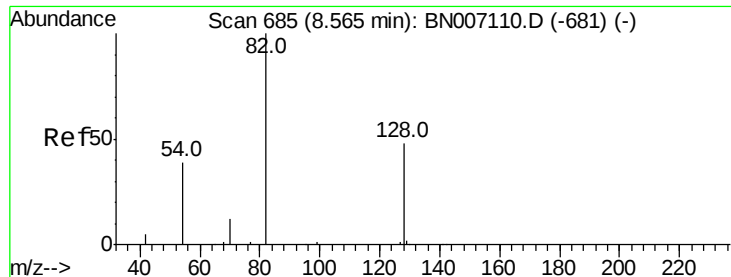
Abundance Ion 136.00 (135.70 to 136.70): BN007110.D (-806) (-)

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: 0.457 ng

RT: 8.55 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

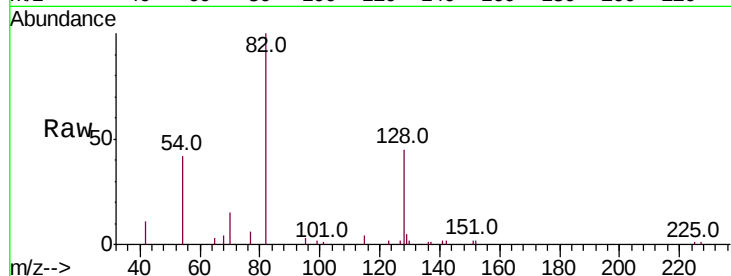
Tot Ion: 82 Resp: 8178

Ion Ratio Lower Upper

82 100

128 45.4 34.6 51.8

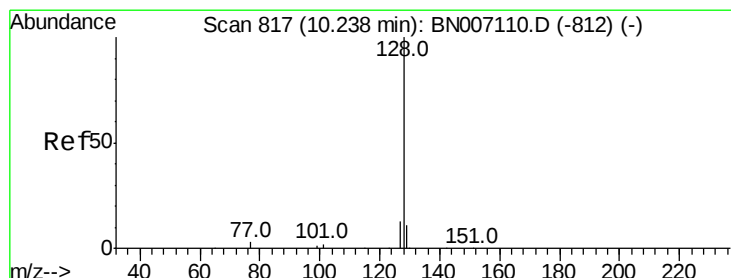
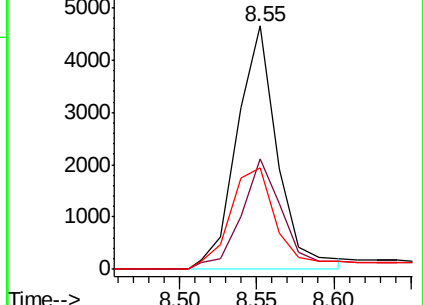
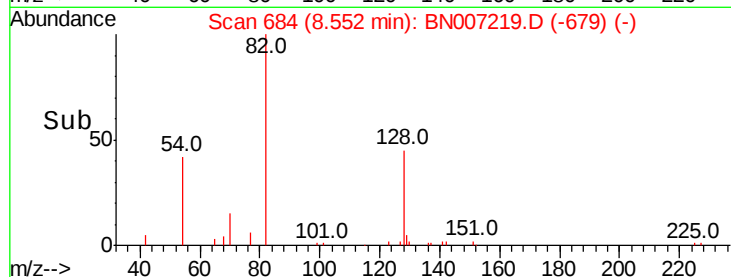
54 42.0 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#8

Naphthalene

Concen: 0.391 ng

RT: 10.22 min Scan# 816

Delta R.T. -0.01 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

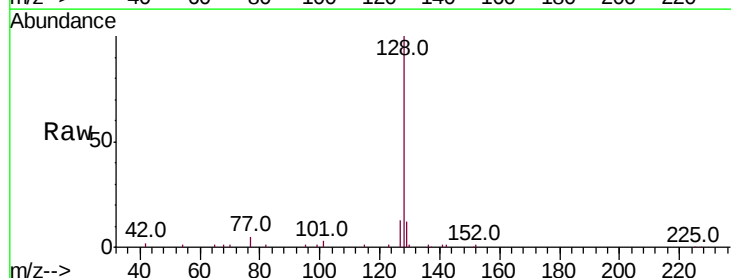
Tgt Ion: 128 Resp: 24314

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

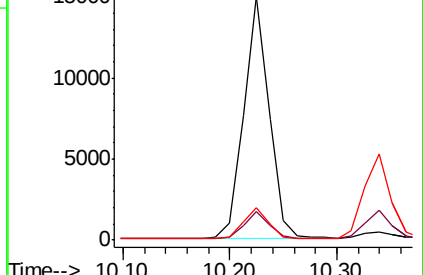
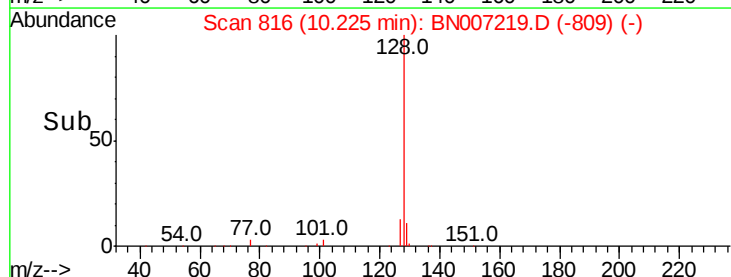
127 13.5 11.0 16.6

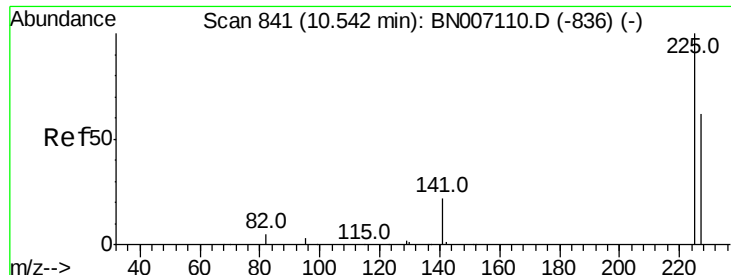


Abundance Ion 128.00 (127.70 to 128.70): BNC

Ion 129.00 (128.70 to 129.70): BNC

Ion 127.00 (126.70 to 127.70): BNC





#9

Hexachlorobutadiene

Concen: 0.398 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.03 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

Instrument :

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ClientSampleId :

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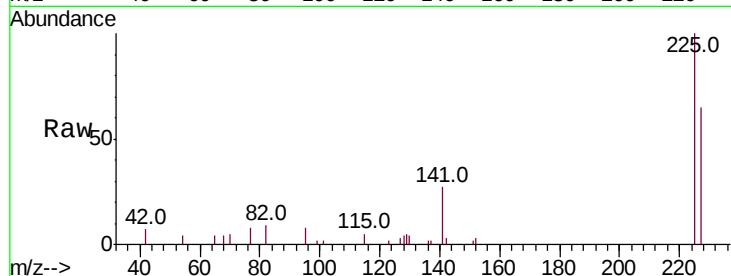
Tot Ion:225 Resp: 5288

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

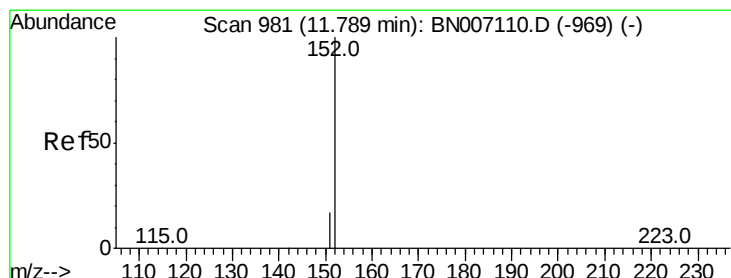
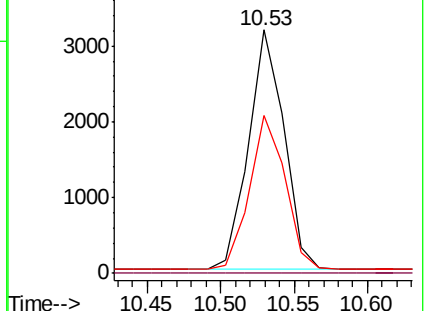
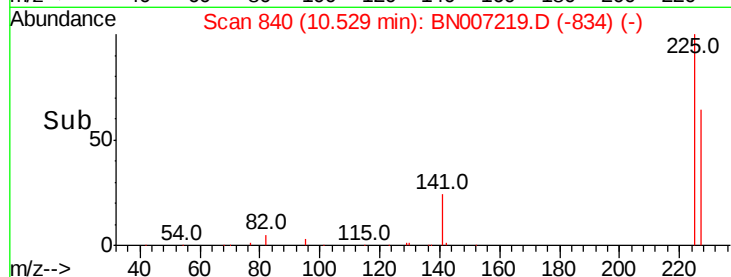
227 64.4 51.1 76.7



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: 0.387 ng

RT: 11.78 min Scan# 978

Delta R.T. -0.02 min

Lab File: BN007219.D

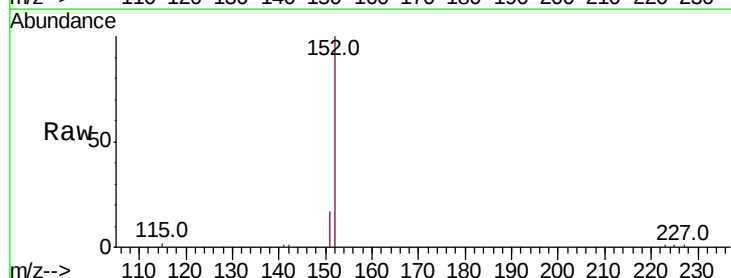
Acq: 16 Aug 2019 12:12

Tgt Ion:152 Resp: 16026

Ion Ratio Lower Upper

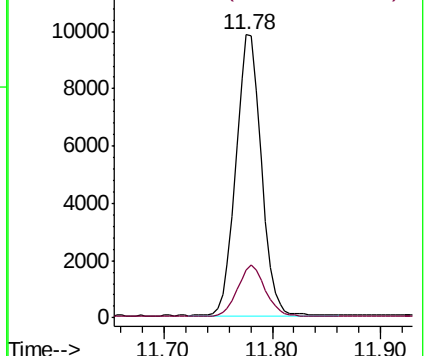
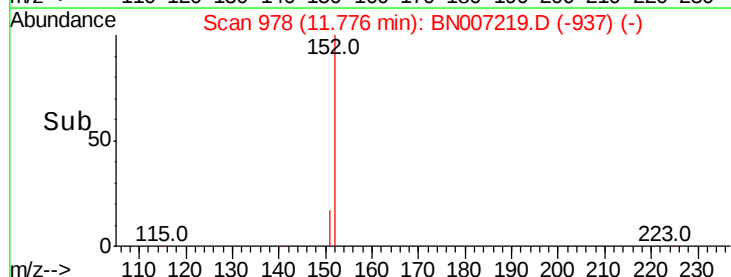
152 100

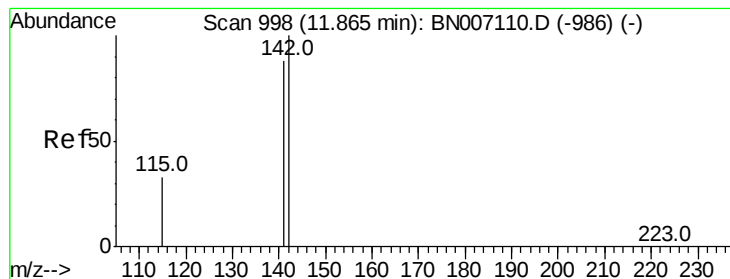
151 19.5 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.390 ng

RT: 11.85 min Scan# 995

Delta R.T. -0.02 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

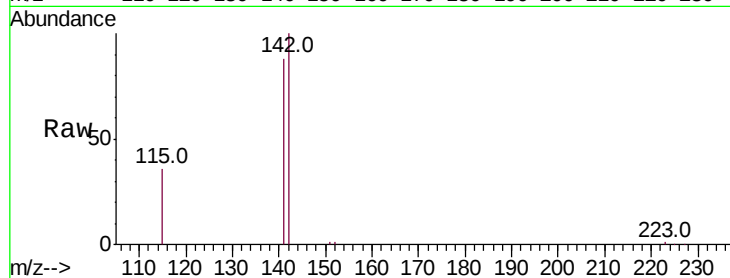
Tot Ion:142 Resp: 17182

Ion Ratio Lower Upper

142 100

141 88.0 69.0 103.6

115 35.7 27.1 40.7

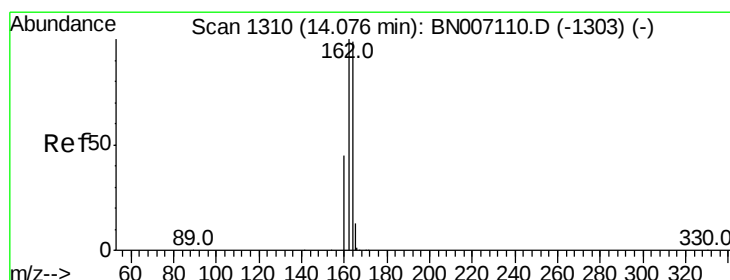
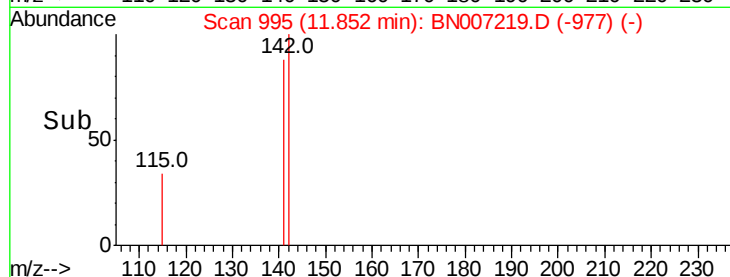
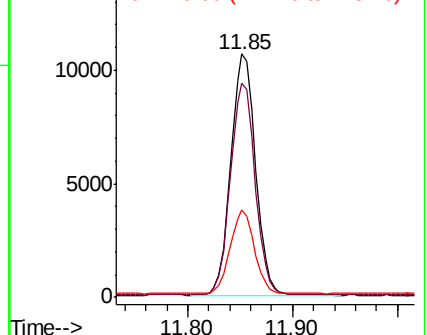


Abundance

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: BN007219.D

Acq: 16 Aug 2019 12:12

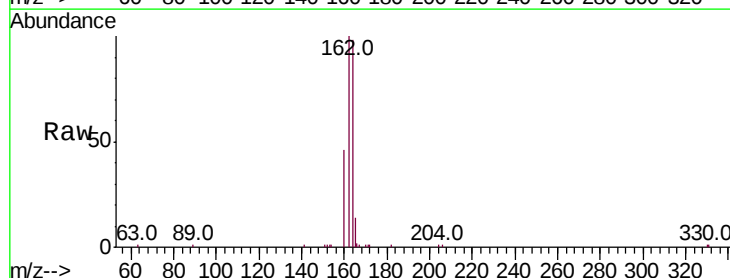
Tgt Ion:164 Resp: 12933

Ion Ratio Lower Upper

164 100

162 102.2 82.2 123.4

160 46.7 38.3 57.5

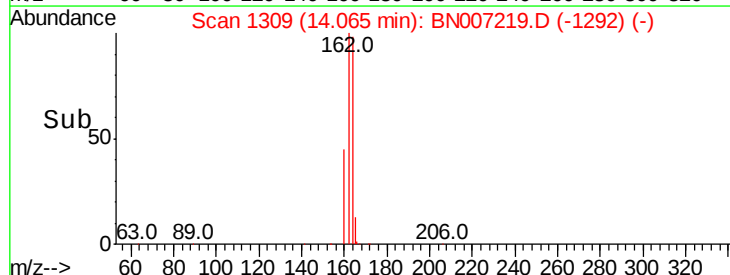
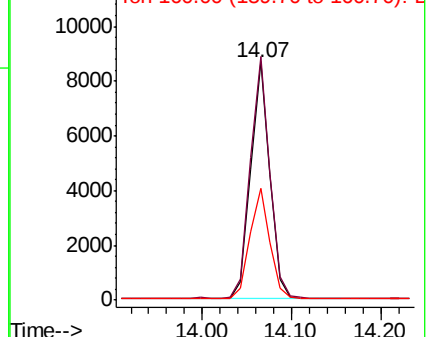


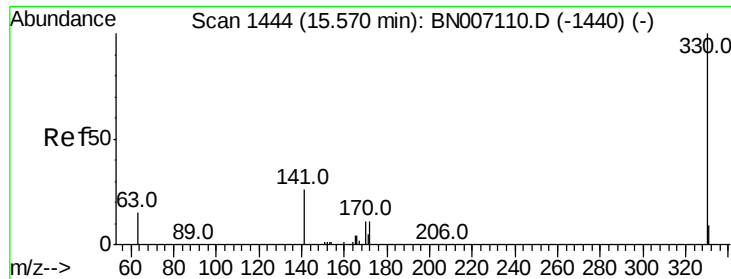
Abundance

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

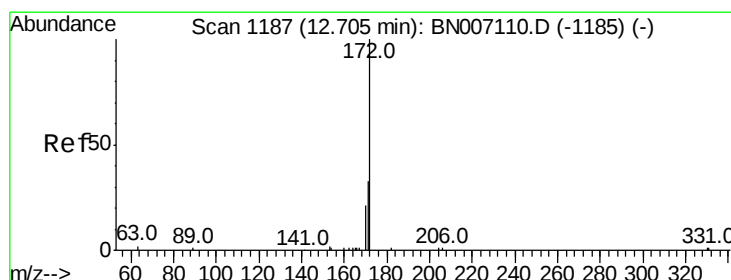
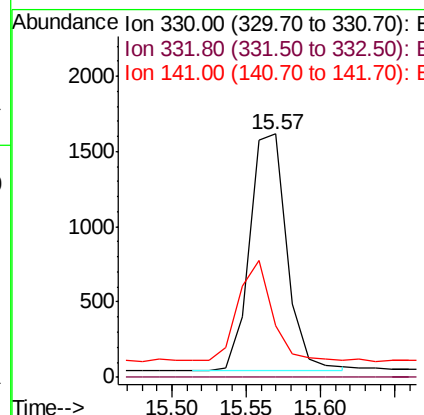
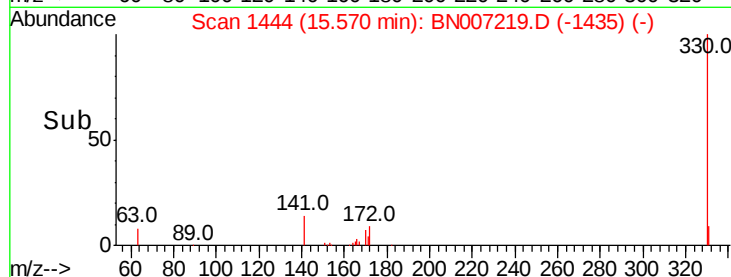
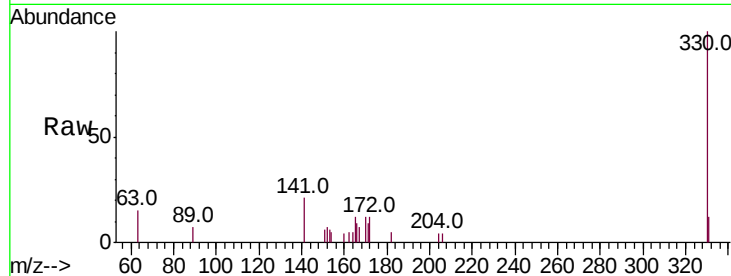




#13
 2,4,6-Tribromophenol
 Concen: 0.387 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007219.D
 Acq: 16 Aug 2019 12:12

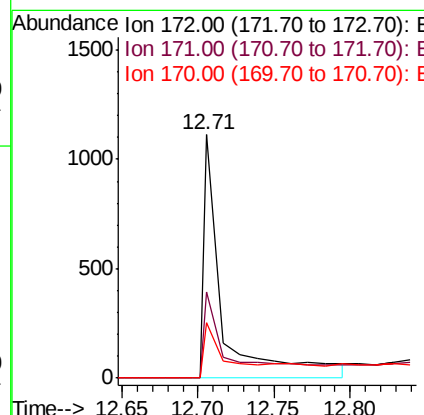
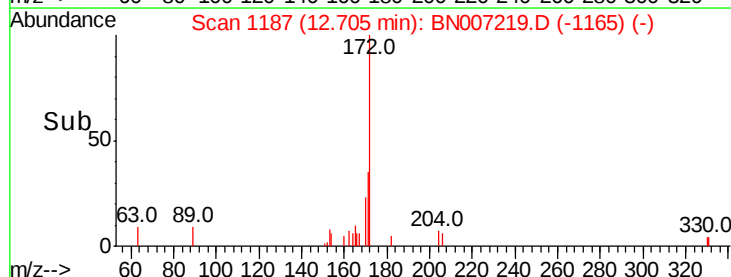
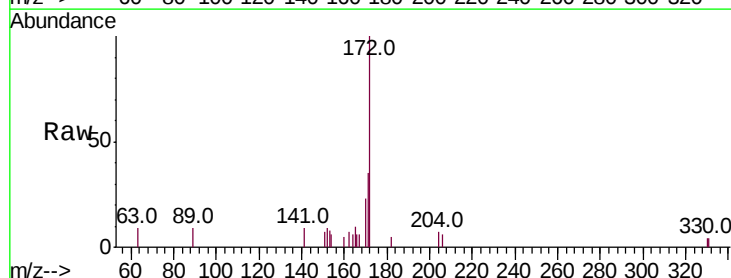
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

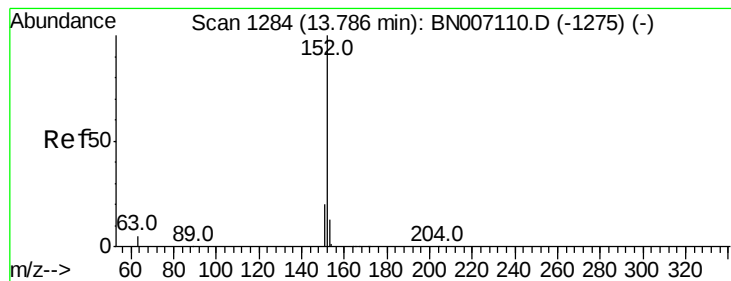
Tot Ion:330 Resp: 2695
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.6 33.6 50.4



#14
 2-Fluorobiphenyl
 Concen: 0.057 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007219.D
 Acq: 16 Aug 2019 12:12

Tgt Ion:172 Resp: 1070
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.3 39.5
 170 22.9 17.0 25.4





#15

Acenaphthylene

Concen: 0.435 ng

RT: 13.78 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

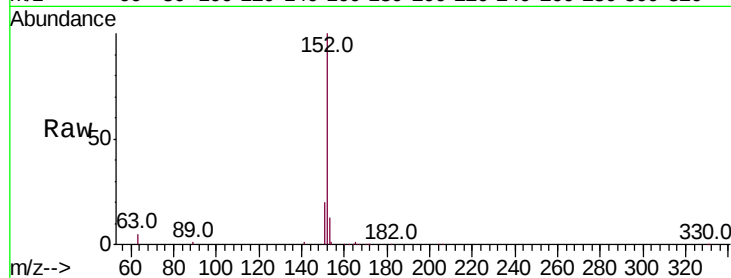
Tot Ion:152 Resp: 29389

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

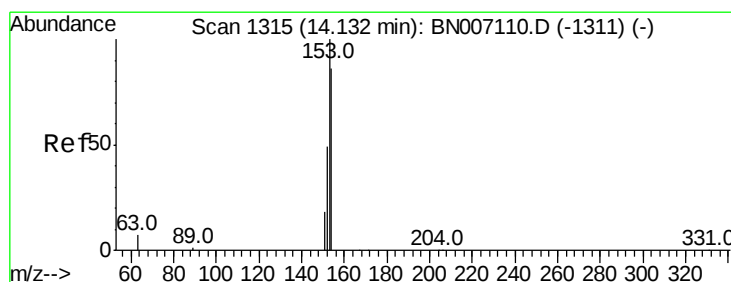
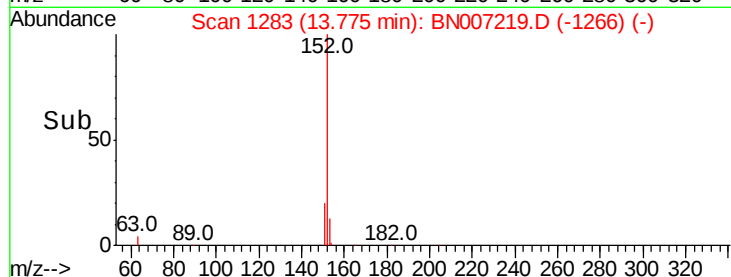
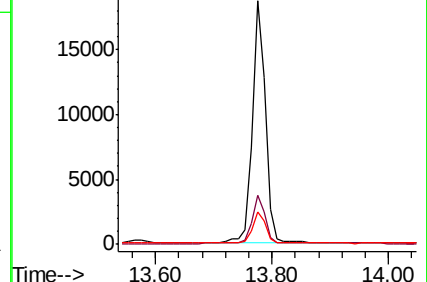
153 13.0 10.4 15.6



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: 0.400 ng

RT: 14.13 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

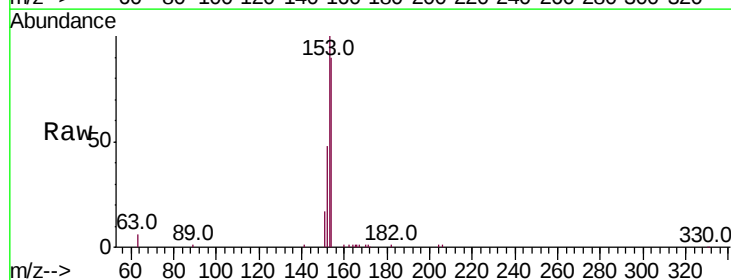
Tgt Ion:154 Resp: 17317

Ion Ratio Lower Upper

154 100

153 113.3 89.5 134.3

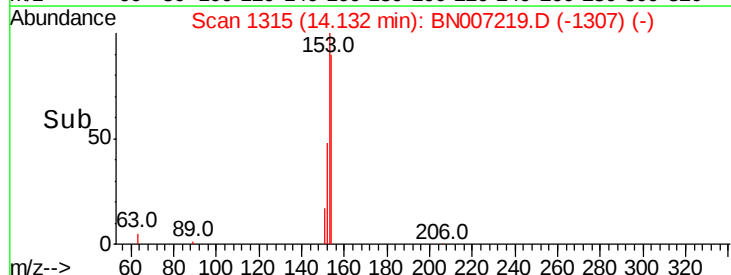
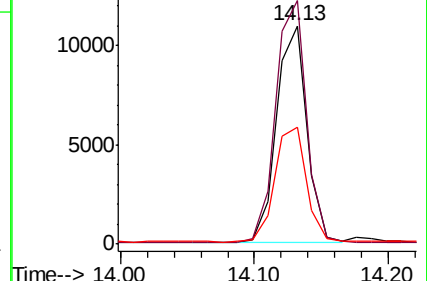
152 56.1 44.8 67.2

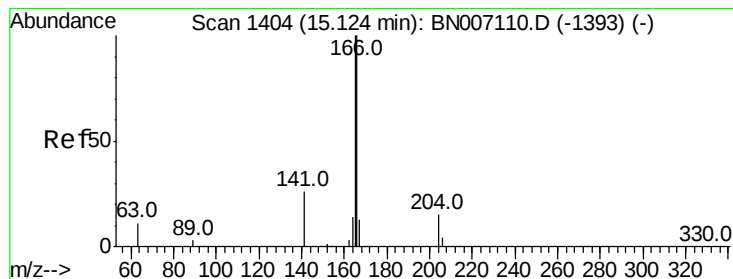


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.373 ng

RT: 15.12 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

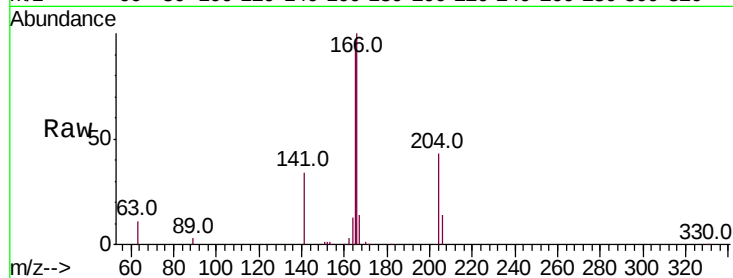
Tot Ion:166 Resp: 24135

Ion Ratio Lower Upper

166 100

165 96.3 77.9 116.9

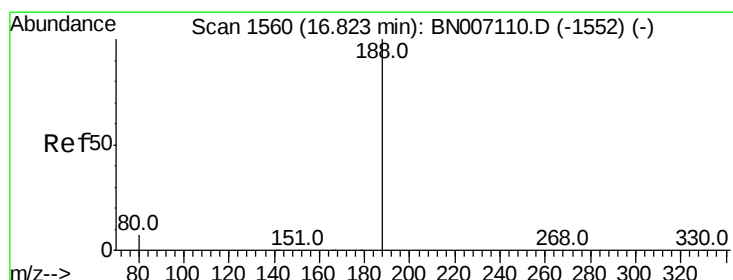
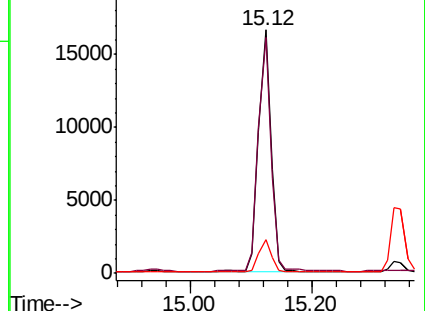
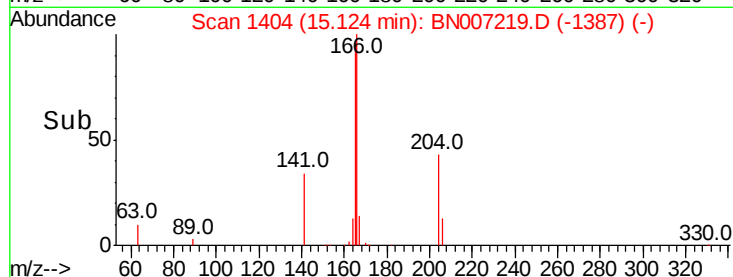
167 13.5 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.81 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

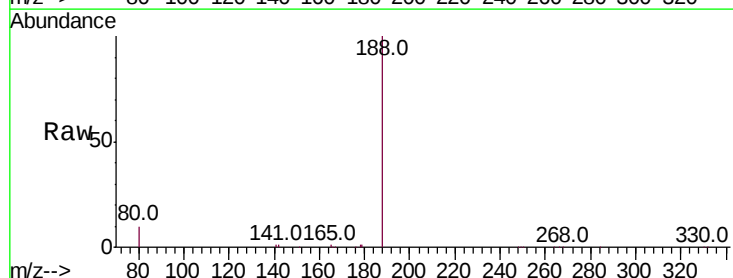
Tgt Ion:188 Resp: 32026

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

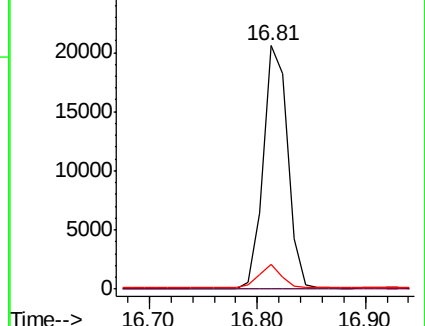
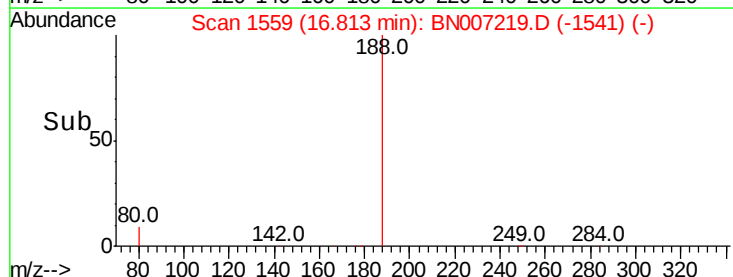
80 10.1 7.8 11.6

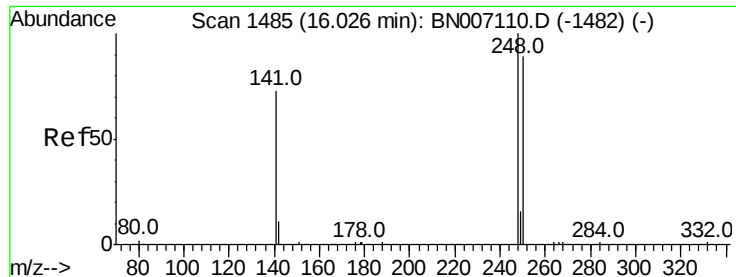


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#19

4-Bromophenyl-phenylether

Concen: 0.417 ng

RT: 16.03 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

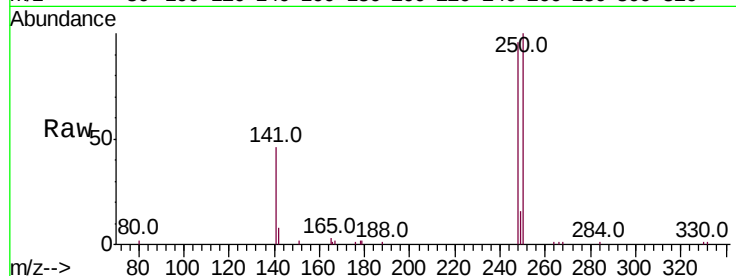
Tot Ion:248 Resp: 8266

Ion Ratio Lower Upper

248 100

250 104.3 78.9 118.3

141 48.2 43.3 64.9

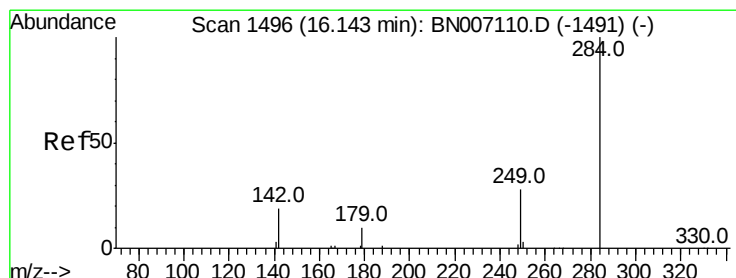
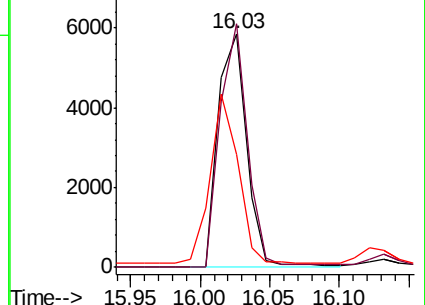
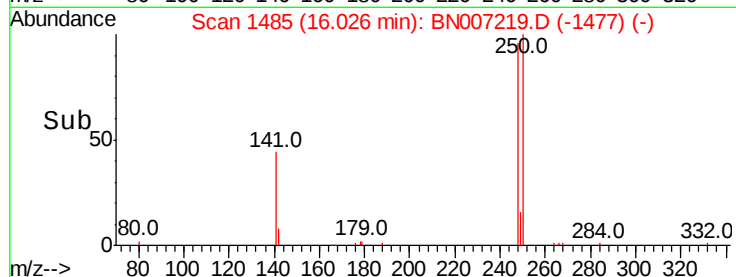


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#20

Hexachlorobenzene

Concen: 0.453 ng

RT: 16.13 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

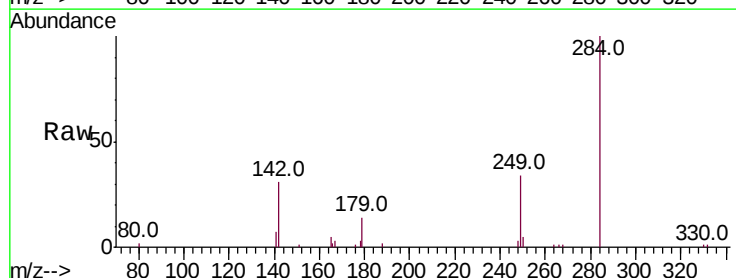
Tgt Ion:284 Resp: 8636

Ion Ratio Lower Upper

284 100

142 36.9 30.5 45.7

249 33.0 26.7 40.1

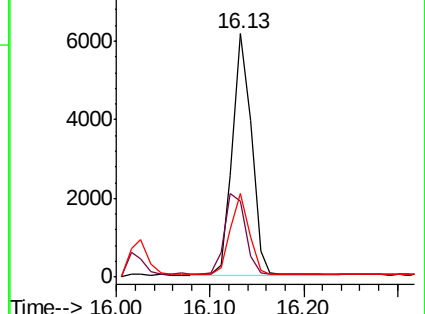
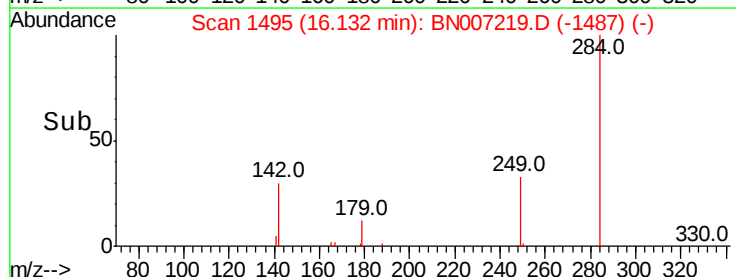


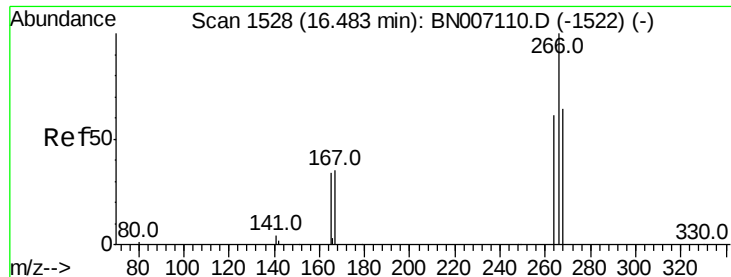
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.417 ng

RT: 16.47 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

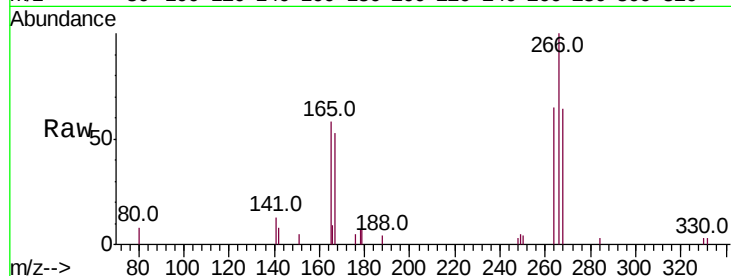
Tot Ion:266 Resp: 2958

Ion Ratio Lower Upper

266 100

264 65.2 52.3 78.5

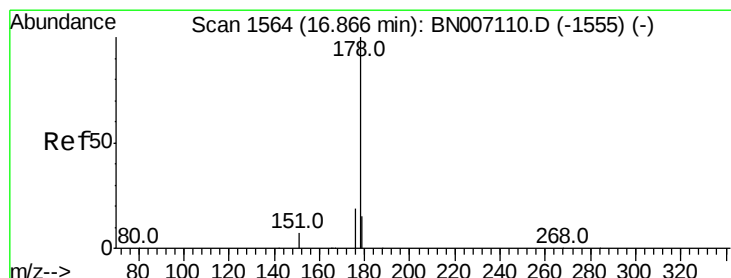
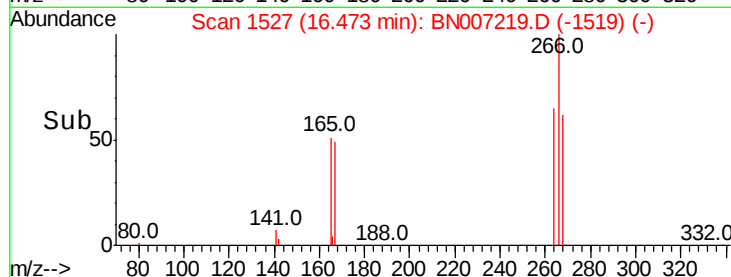
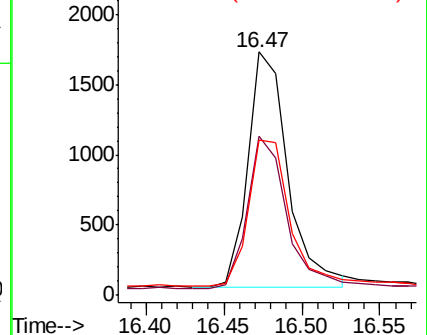
268 63.7 51.5 77.3



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: 0.435 ng

RT: 16.86 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

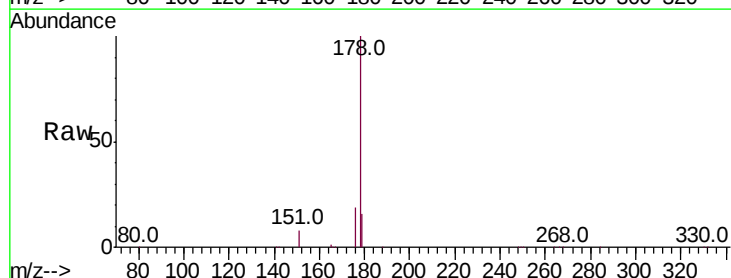
Tgt Ion:178 Resp: 41721

Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

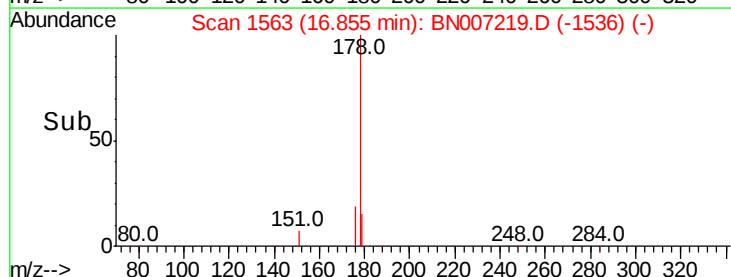
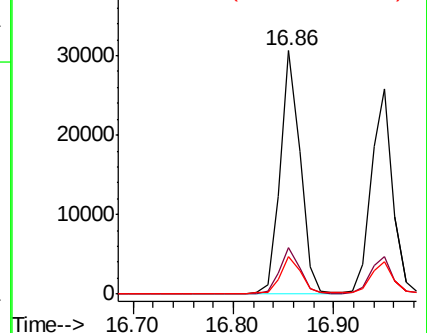
179 15.5 12.3 18.5

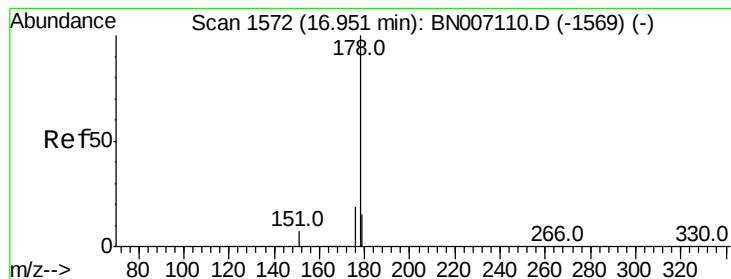


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.433 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

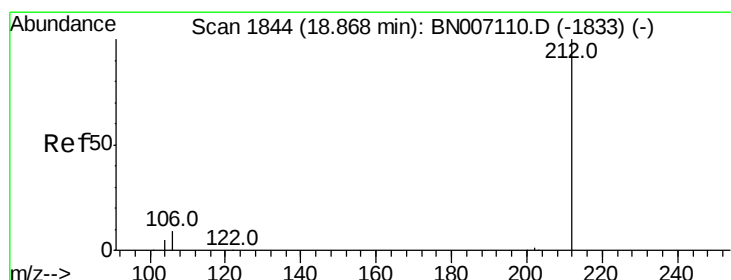
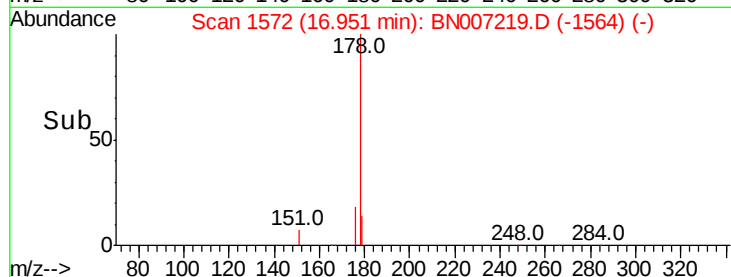
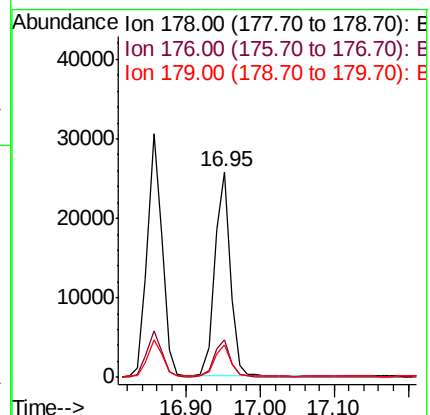
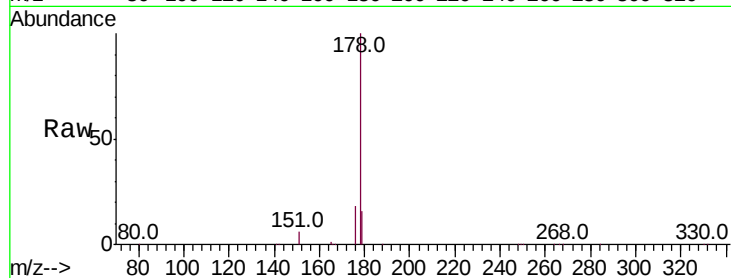
Tot Ion:178 Resp: 37946

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

179 15.3 12.5 18.7



#24

Fluoranthene-d10

Concen: 0.412 ng

RT: 18.86 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

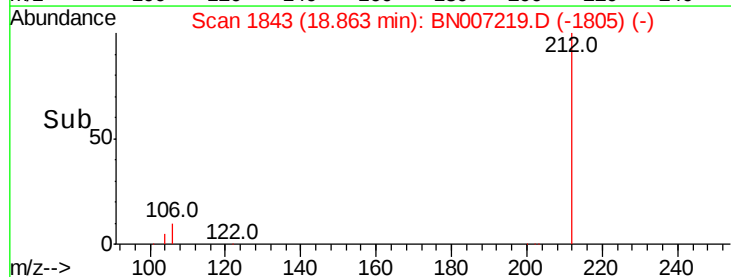
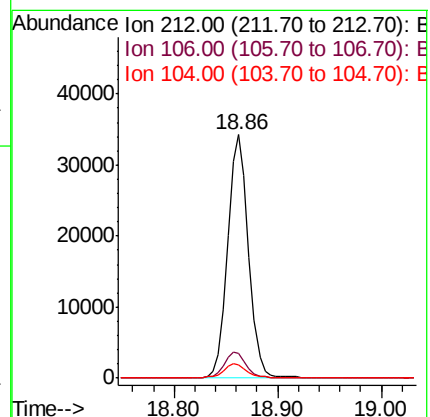
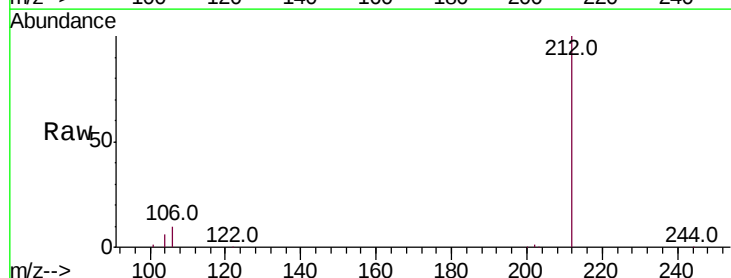
Tgt Ion:212 Resp: 46834

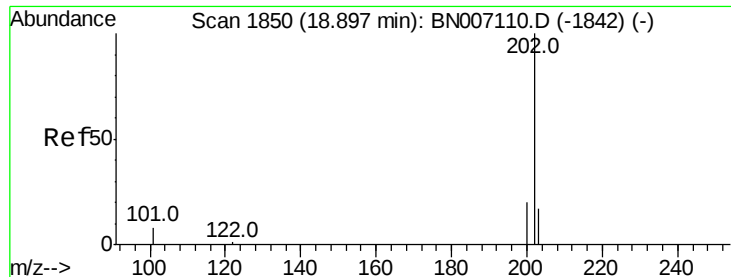
Ion Ratio Lower Upper

212 100

106 10.6 8.2 12.2

104 5.8 4.5 6.7





#25

Fluoranthene

Concen: 0.422 ng

RT: 18.89 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

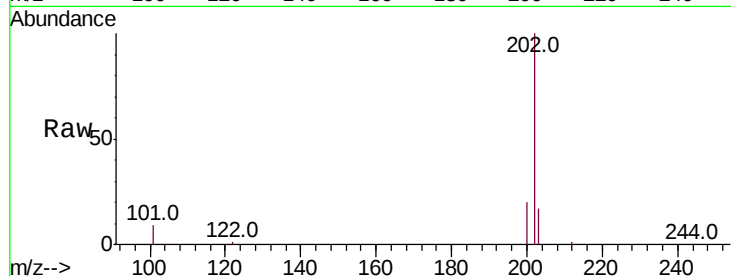
Tot Ion:202 Resp: 51824

Ion Ratio Lower Upper

202 100

101 8.9 7.0 10.4

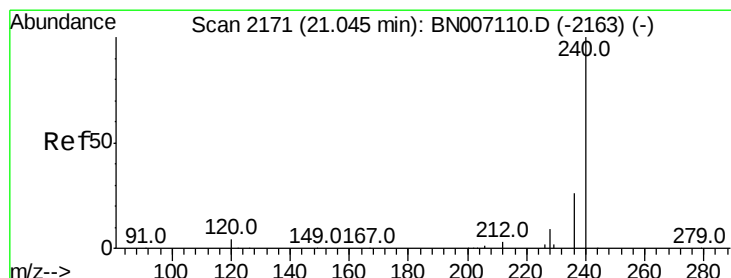
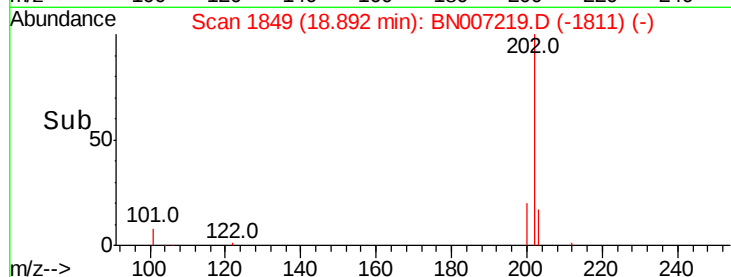
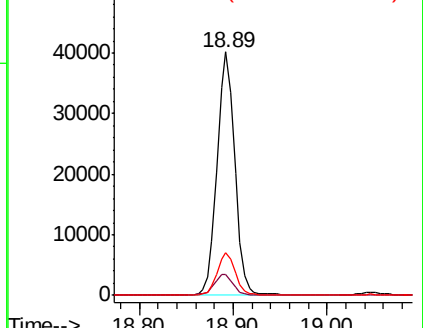
203 17.2 13.8 20.8



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: 21.05 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

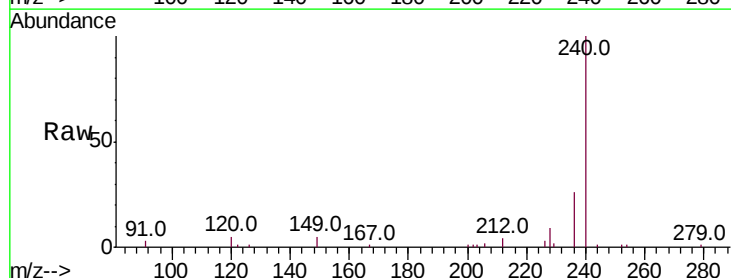
Tgt Ion:240 Resp: 33325

Ion Ratio Lower Upper

240 100

120 4.7 4.0 6.0

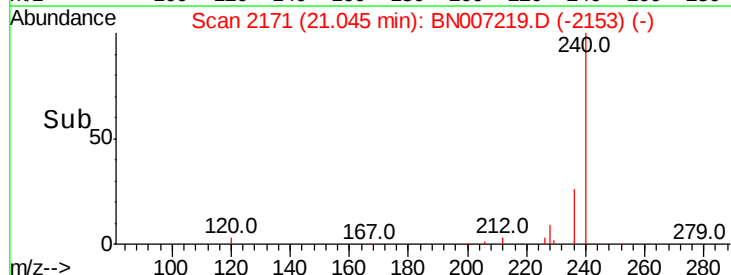
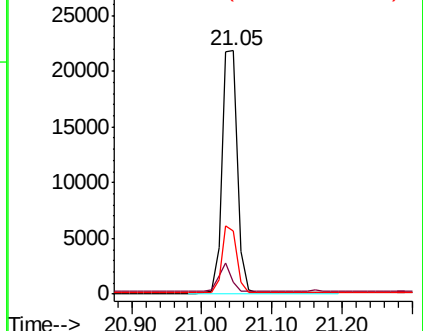
236 26.0 21.3 31.9

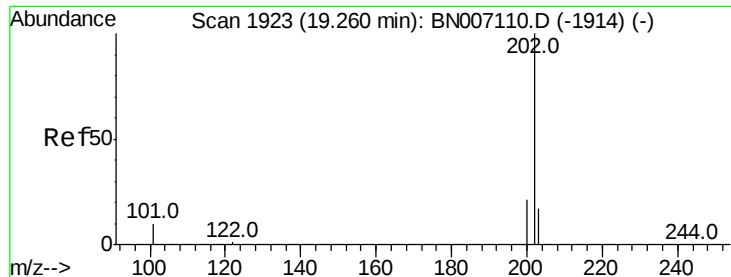


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Pvrene

Concen: 0.455 ng

RT: 19.25 min Scan# 1922

Delta R.T. -0.02 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

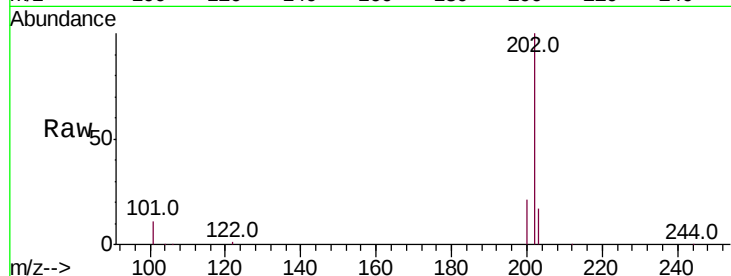
Tot Ion:202 Resp: 53186

Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

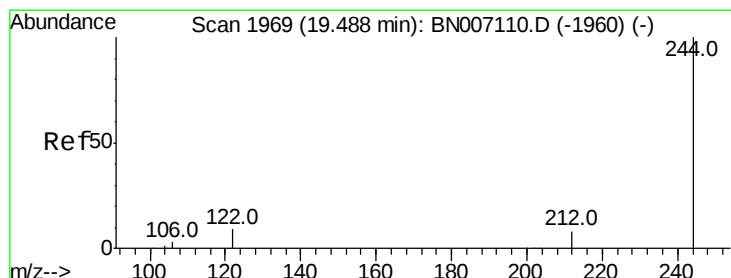
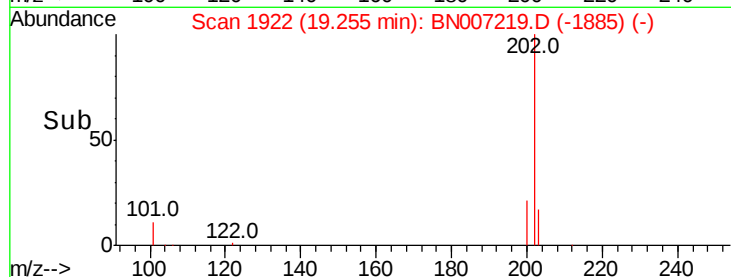
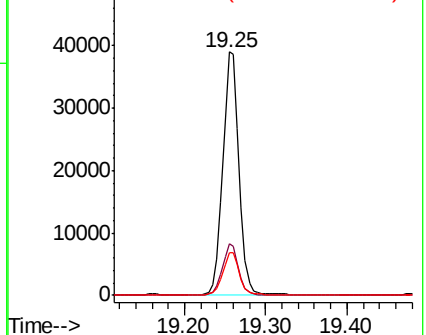
203 17.6 14.0 21.0



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: 0.456 ng

RT: 19.48 min Scan# 1968

Delta R.T. -0.02 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

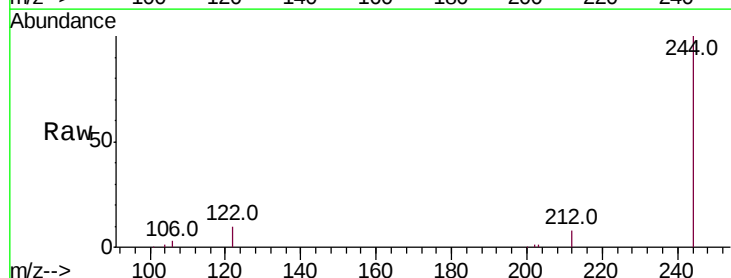
Tgt Ion:244 Resp: 41454

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

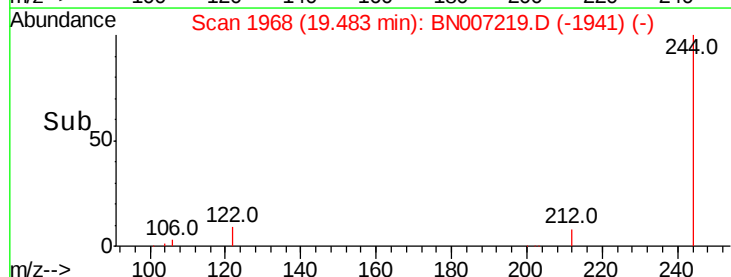
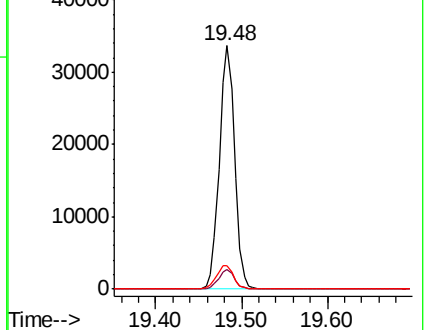
122 9.7 7.4 11.2

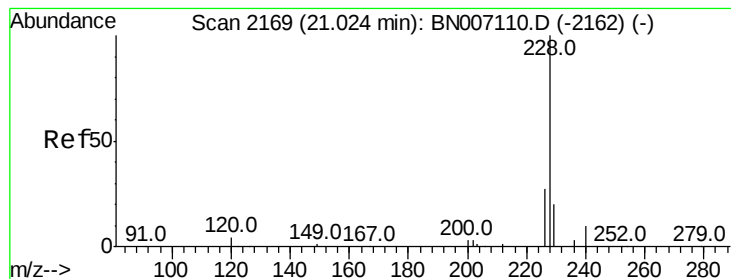


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Benzo(a)anthracene

Concen: 0.434 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

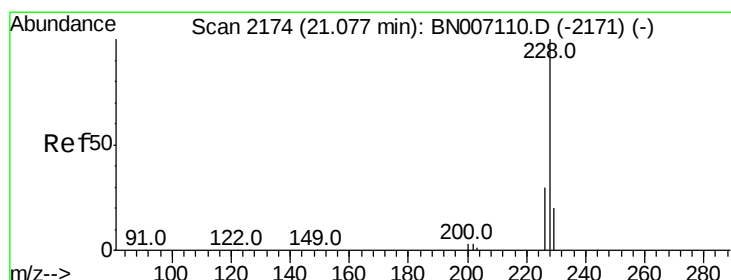
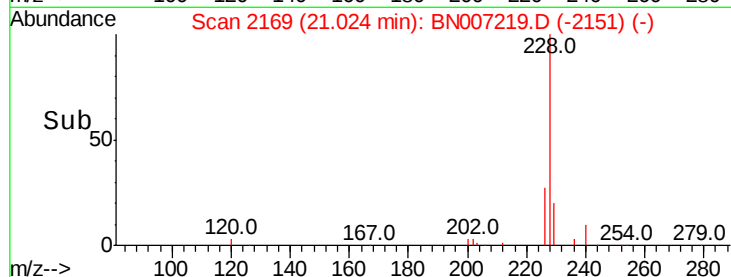
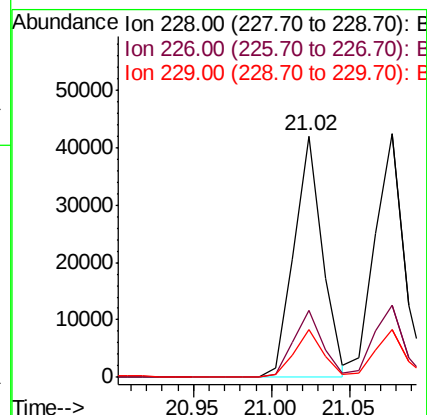
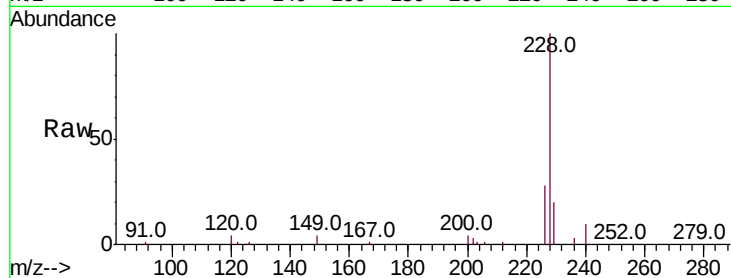
Tot Ion:228 Resp: 52922

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.6

229 19.9 15.6 23.4



#30

Chrysene

Concen: 0.450 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

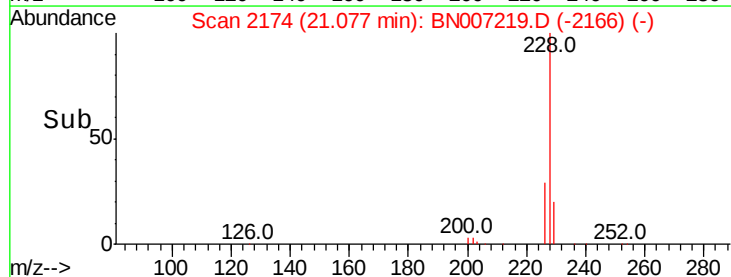
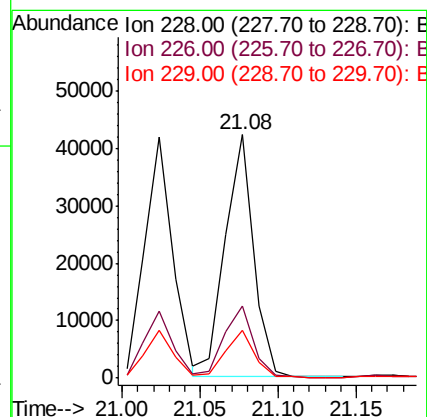
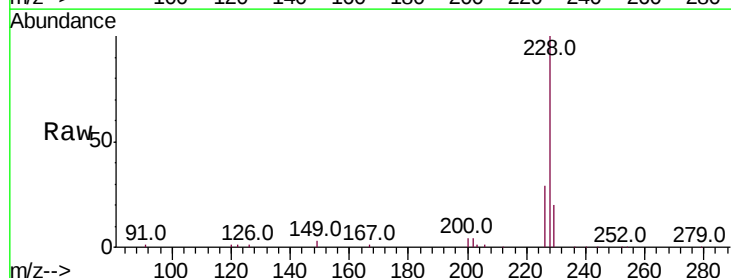
Tgt Ion:228 Resp: 53276

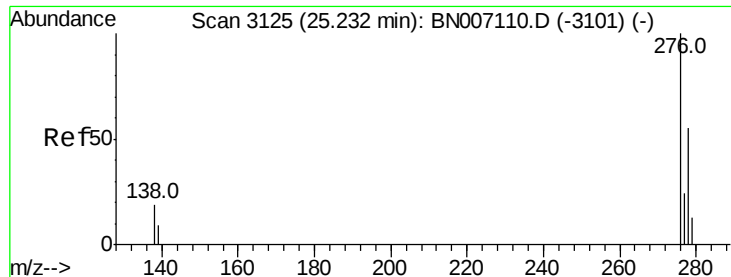
Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.6

229 19.9 15.7 23.5





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.480 ng

RT: 25.23 min Scan# 3125

Delta R.T. -0.02 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

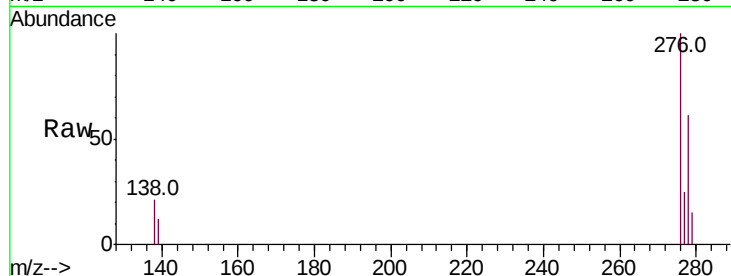
Tot Ion:276 Resp: 62611

Ion Ratio Lower Upper

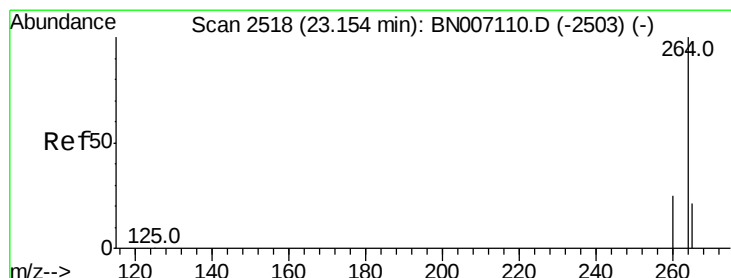
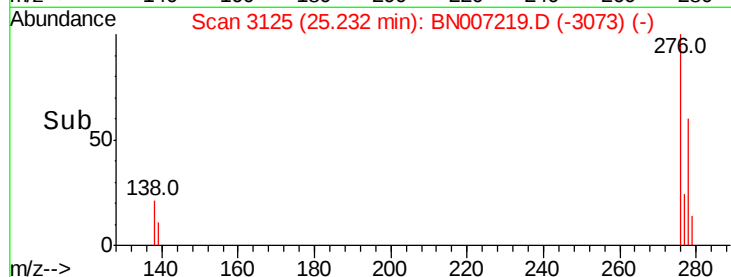
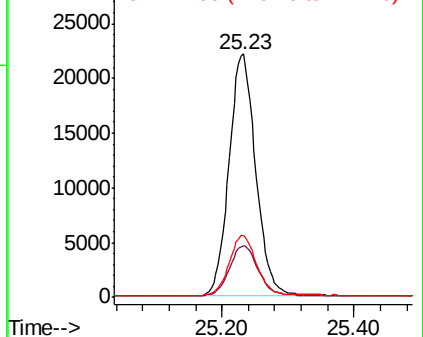
276 100

138 21.7 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: 23.16 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

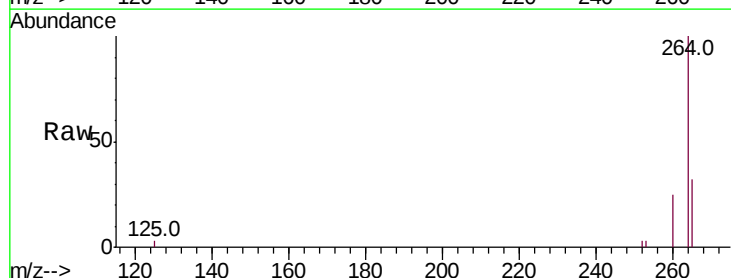
Tgt Ion:264 Resp: 37134

Ion Ratio Lower Upper

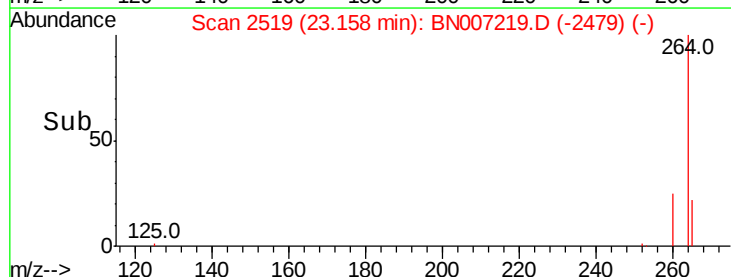
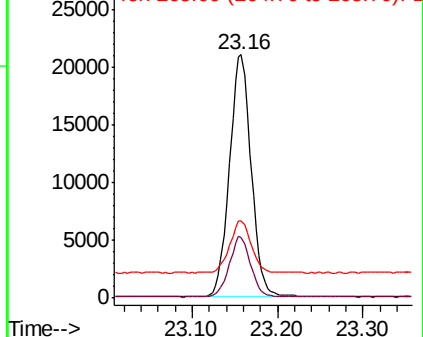
264 100

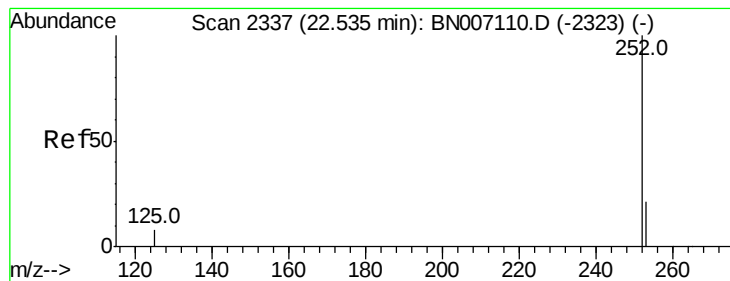
260 24.9 19.8 29.8

265 31.9 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: 0.425 ng

RT: 22.53 min Scan# 2337

Delta R.T. -0.01 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

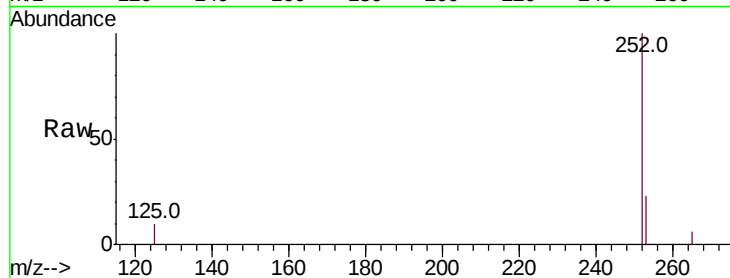
Tot Ion:252 Resp: 54080

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

125 9.5 7.4 11.0

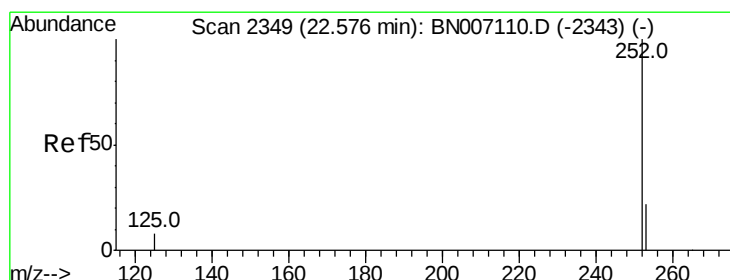
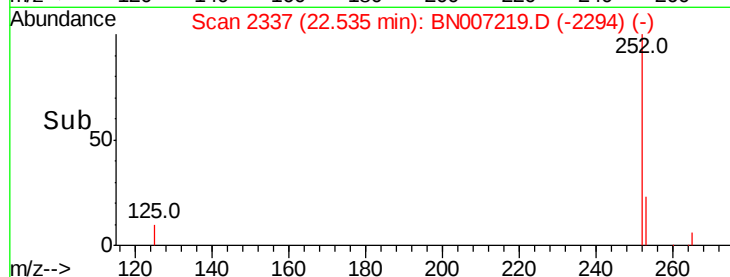
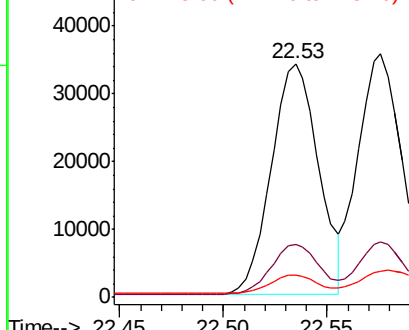


Abundance

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: 0.423 ng

RT: 22.58 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

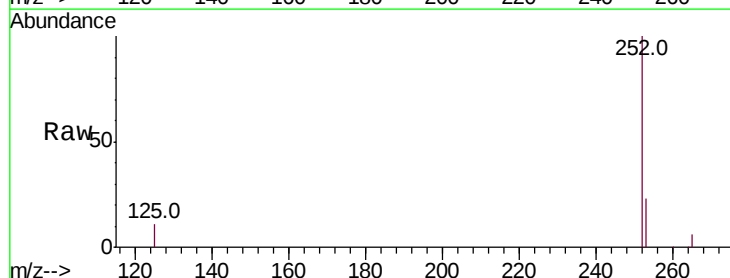
Tgt Ion:252 Resp: 53213

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

125 10.6 7.4 11.0

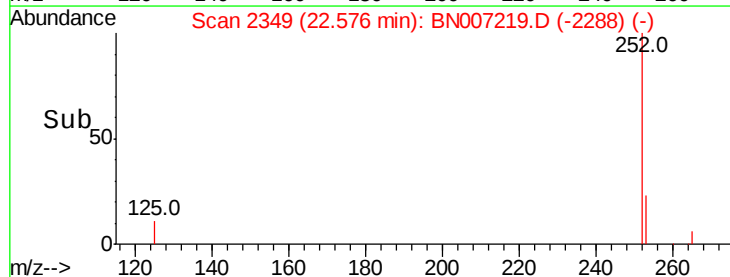
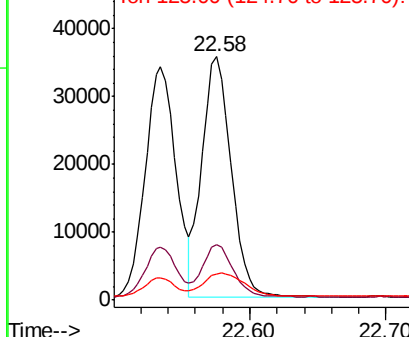


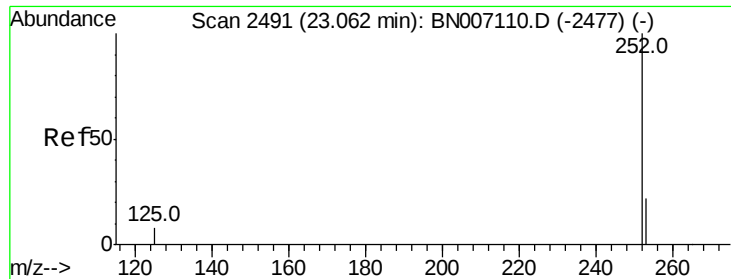
Abundance

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: 0.430 ng

RT: 23.07 min Scan# 2492

Delta R.T. -0.02 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

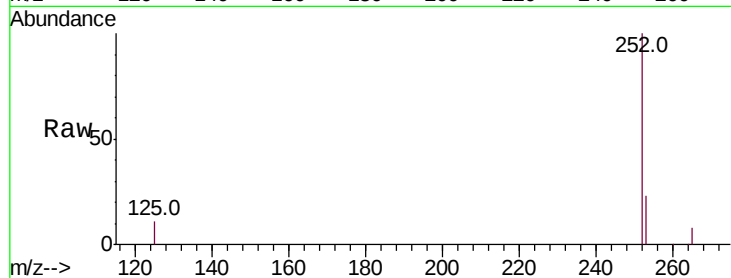
Tot Ion:252 Resp: 49633

Ion Ratio Lower Upper

252 100

253 23.2 18.5 27.7

125 10.8 8.2 12.4

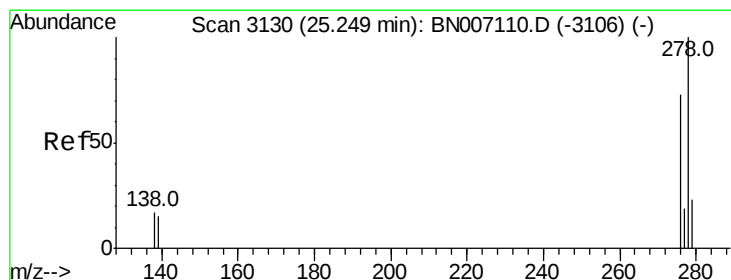
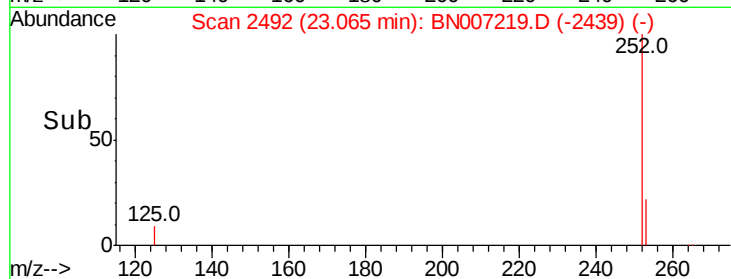
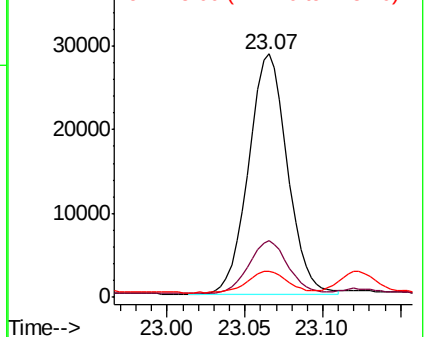


Abundance

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: 0.443 ng

RT: 25.25 min Scan# 3129

Delta R.T. -0.03 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

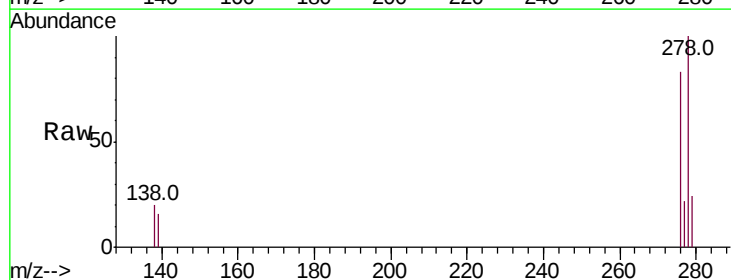
Tgt Ion:278 Resp: 51054

Ion Ratio Lower Upper

278 100

139 15.6 11.3 16.9

279 24.2 19.3 28.9

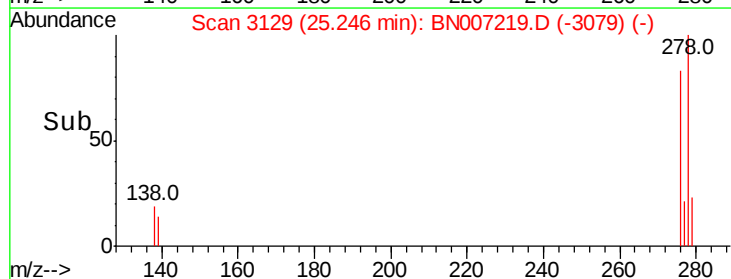
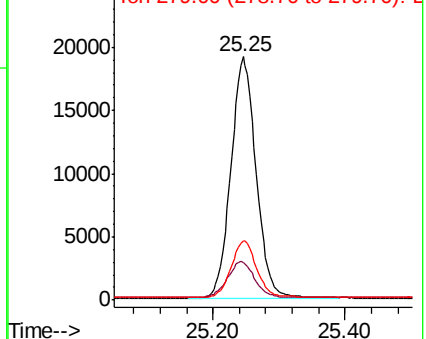


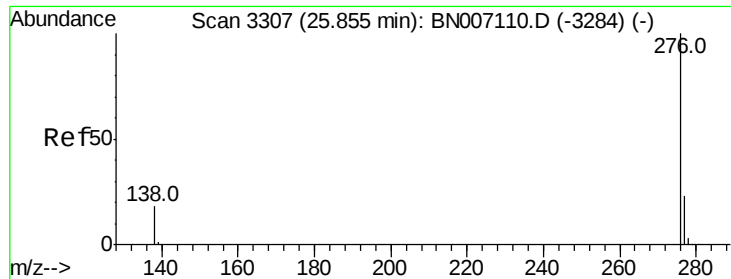
Abundance

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: 0.426 ng

RT: 25.86 min Scan# 3308

Delta R.T. -0.02 min

Lab File: BN007219.D

Acq: 16 Aug 2019 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

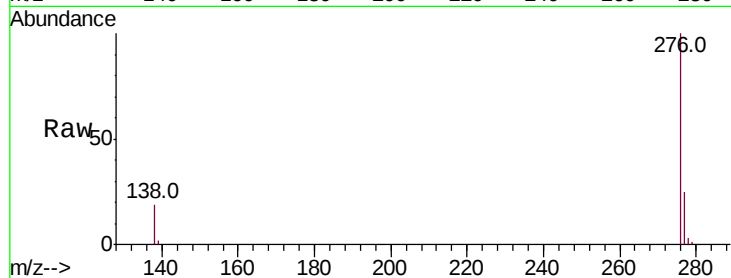
Tot Ion:276 Resp: 50531

Ion Ratio Lower Upper

276 100

277 24.6 19.8 29.8

138 19.0 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

