

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081019\
 Data File : BN007086.D
 Acq On : 11 Aug 2019 14:38
 Operator : HP/JU
 Sample : PB121944BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 12 04:43:57 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	9069	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	33814	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	19064	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	47460	0.40	ng	0.00
26) Chrysene-d12	21.05	240	48245	0.40	ng	-0.01
32) Perylene-d12	23.16	264	49813	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	7266	0.33	ng	0.00
4) Phenol-d6	6.61	99	9521	0.35	ng	0.00
7) Nitrobenzene-d5	8.56	82	7257	0.27	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	23893	0.38	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	1962	0.19	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	5358	0.19	ng	0.00
24) Fluoranthene-d10	18.87	212	47429	0.28	ng	0.00
28) Terphenyl-d14	19.49	244	38337	0.29	ng	0.00

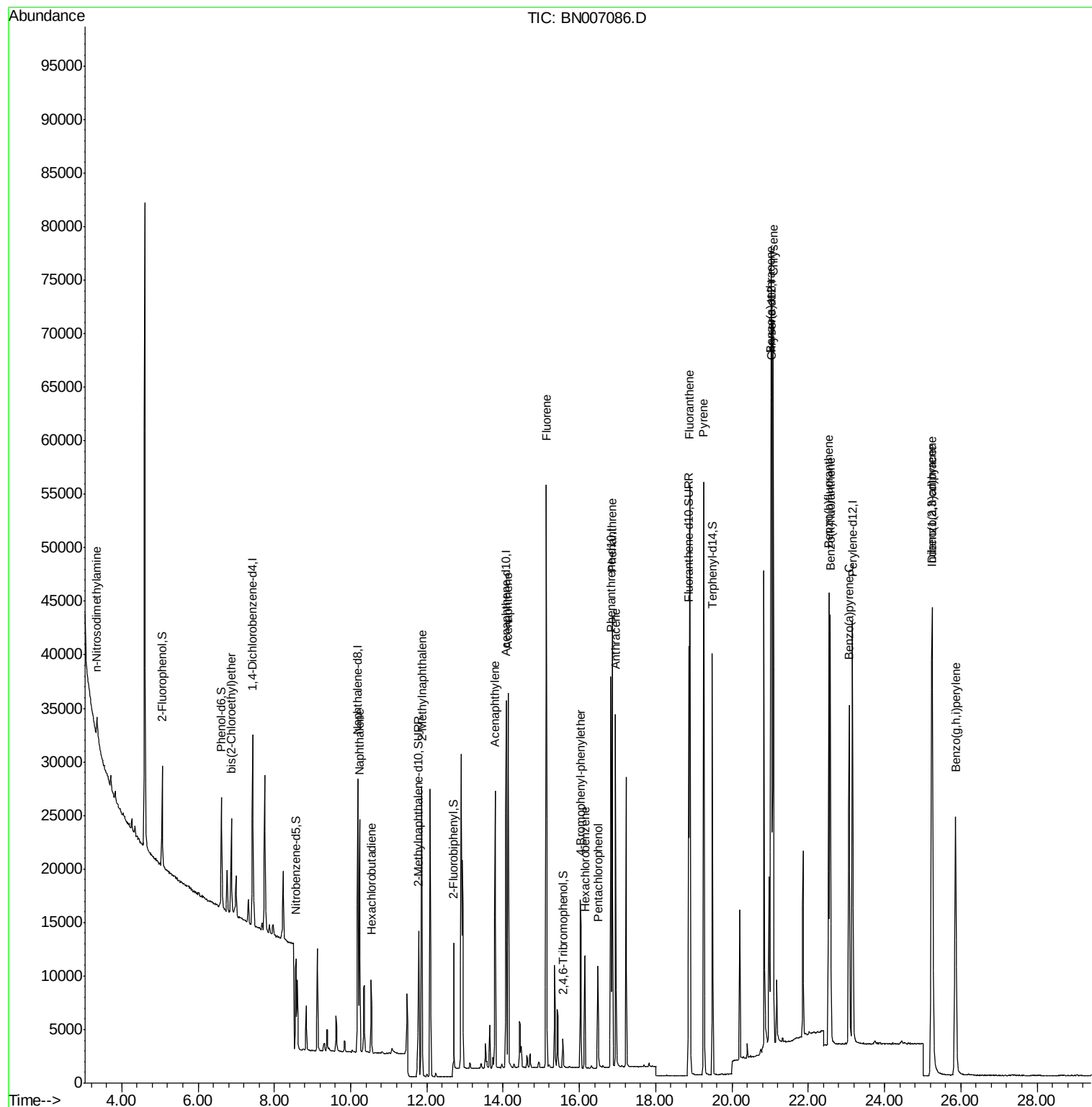
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.35	42	1641	0.275	ng	# 80
5) bis(2-Chloroethyl)ether	6.87	93	7419	0.311	ng	100
8) Naphthalene	10.24	128	27740	0.293	ng	99
9) Hexachlorobutadiene	10.54	225	5687	0.281	ng	# 99
11) 2-Methylnaphthalene	11.87	142	19629	0.292	ng	98
15) Acenaphthylene	13.79	152	28269	0.284	ng	100
16) Acenaphthene	14.13	154	18382	0.288	ng	99
17) Fluorene	15.14	166	24157	0.253	ng	99
19) 4-Bromophenyl-phenylether	16.03	248	8568	0.292	ng	# 82
20) Hexachlorobenzene	16.14	284	8519	0.302	ng	100
21) Pentachlorophenol	16.48	266	4883	0.464	ng	98
22) Phenanthrene	16.87	178	42504	0.299	ng	100
23) Anthracene	16.95	178	37604	0.289	ng	100
25) Fluoranthene	18.90	202	50581	0.278	ng	100
27) Pyrene	19.26	202	50756	0.300	ng	100
29) Benzo(a)anthracene	21.02	228	50066	0.284	ng	99
30) Chrysene	21.08	228	52312	0.305	ng	99
31) Indeno(1,2,3-cd)pyrene	25.24	276	56941	0.301	ng	100
33) Benzo(b)fluoranthene	22.54	252	50446	0.295	ng	100
34) Benzo(k)fluoranthene	22.58	252	50795	0.301	ng	99
35) Benzo(a)pyrene	23.07	252	45374	0.293	ng	100
36) Dibenzo(a,h)anthracene	25.25	278	47438	0.307	ng	100
37) Benzo(g,h,i)perylene	25.86	276	48932	0.308	ng	99

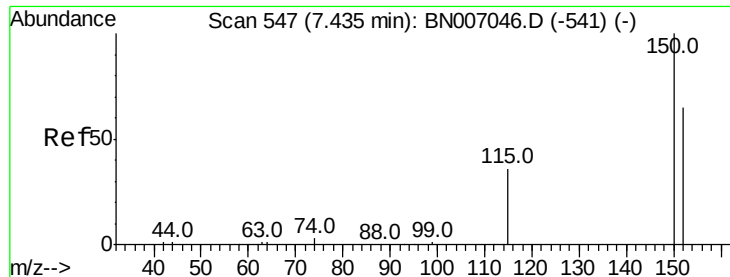
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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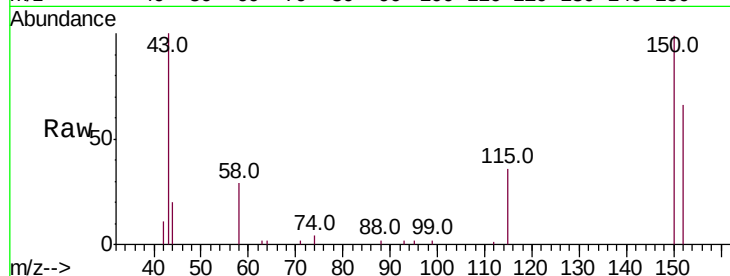


#1

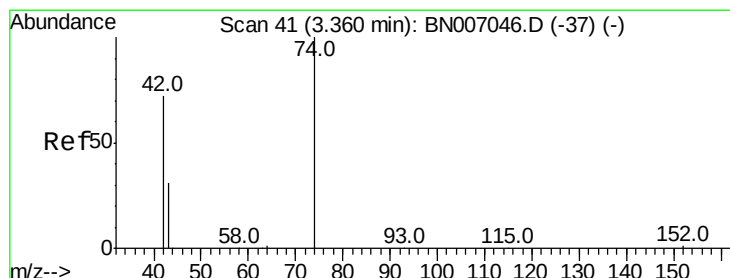
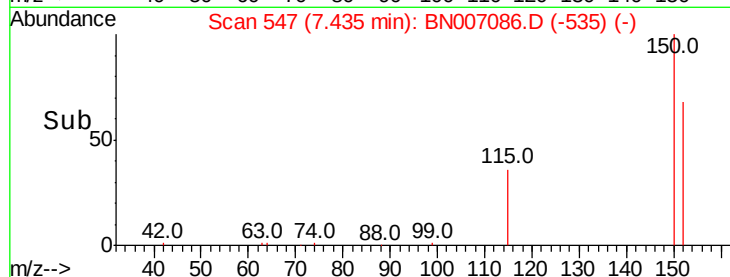
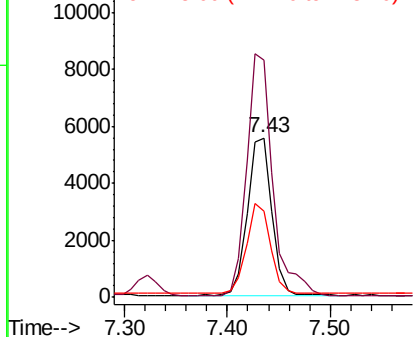
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 9069
Ion Ratio Lower Upper
152 100
150 149.2 121.7 182.5
115 54.3 46.2 69.4



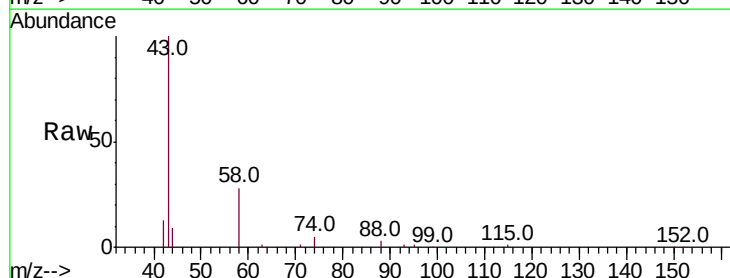
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



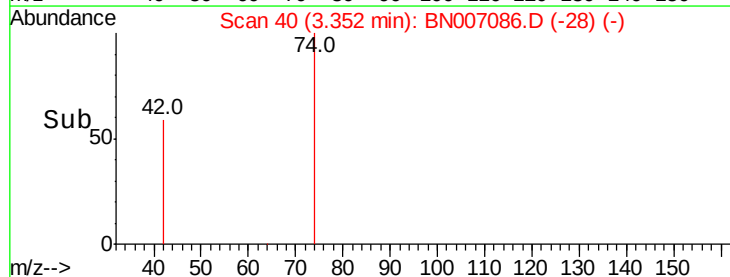
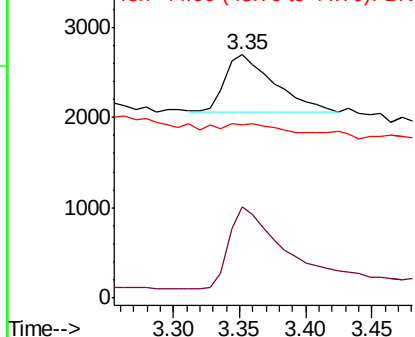
#2

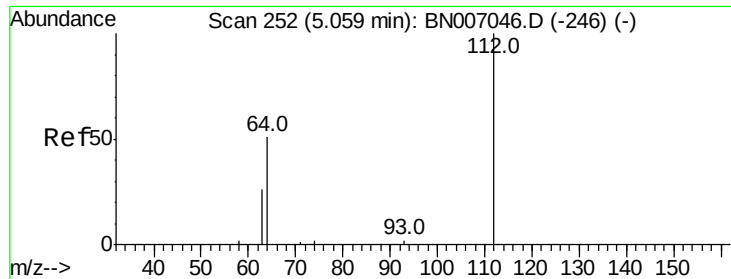
n-Nitrosodimethylamine
Concen: 0.275 ng
RT: 3.35 min Scan# 40
Delta R.T. -0.01 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Tgt Ion: 42 Resp: 1641
Ion Ratio Lower Upper
42 100
74 162.9 110.6 166.0
44 12.9 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: 0.333 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007086.D

Acq: 11 Aug 2019 14:38

Instrument :

BNA_N

ClientSampleId :

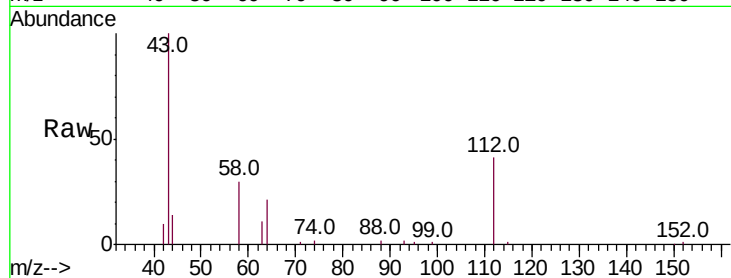
Tot Ion:112 Resp: 7266

Ion Ratio Lower Upper

112 100

64 53.1 42.6 63.8

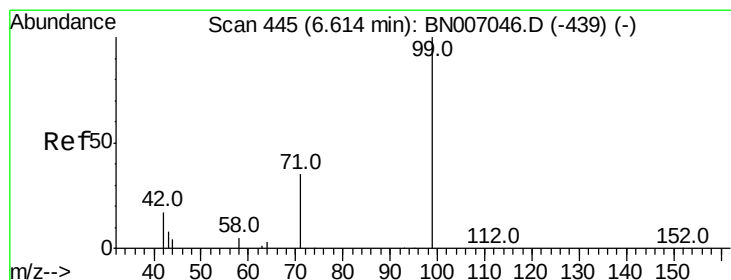
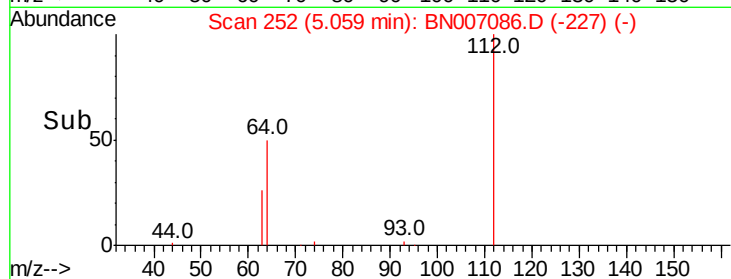
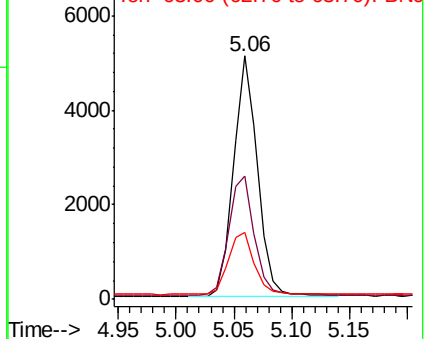
63 28.4 22.2 33.2



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: 0.353 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007086.D

Acq: 11 Aug 2019 14:38

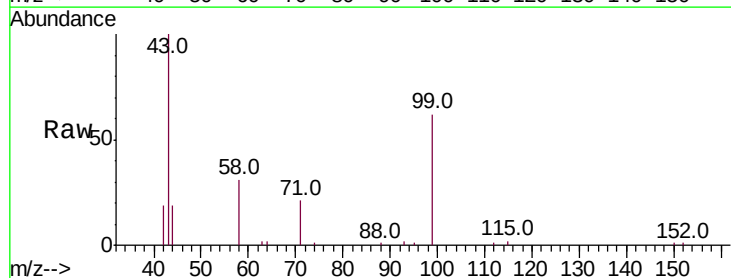
Tgt Ion: 99 Resp: 9521

Ion Ratio Lower Upper

99 100

42 21.5 15.8 23.6

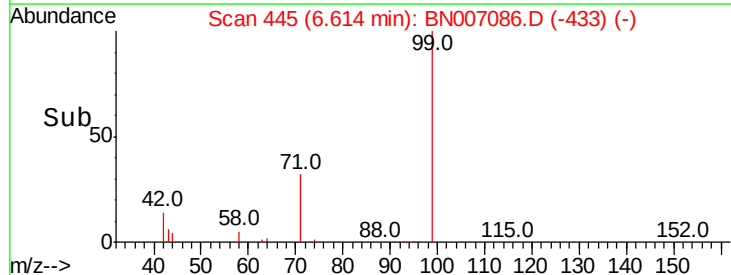
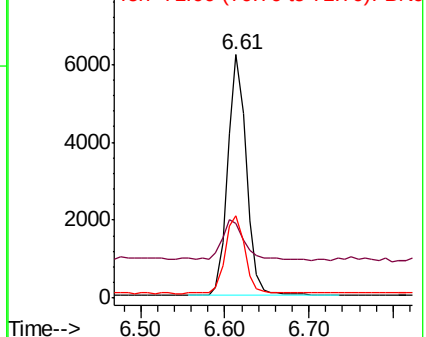
71 34.3 27.0 40.4

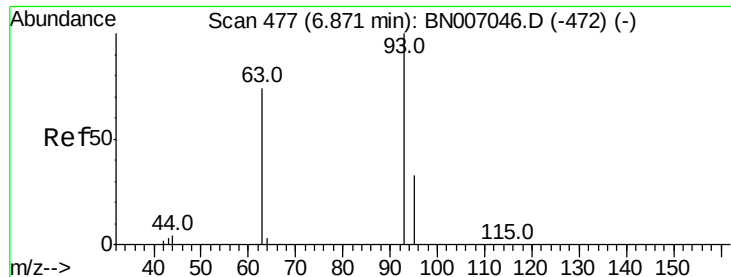


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#5

bis(2-Chloroethyl)ether

Concen: 0.311 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.00 min

Lab File: BN007086.D

Acq: 11 Aug 2019 14:38

Instrument :

BNA_N

ClientSampleId :

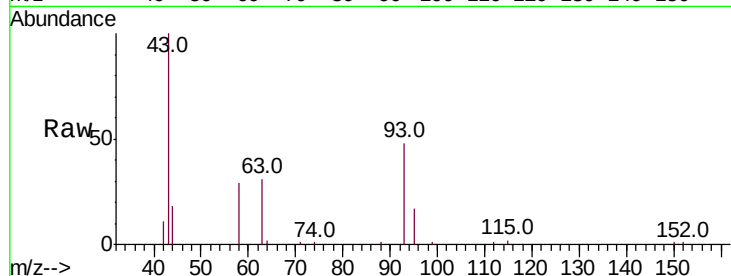
Tot Ion: 93 Resp: 7419

Ion Ratio Lower Upper

93 100

63 69.1 55.6 83.4

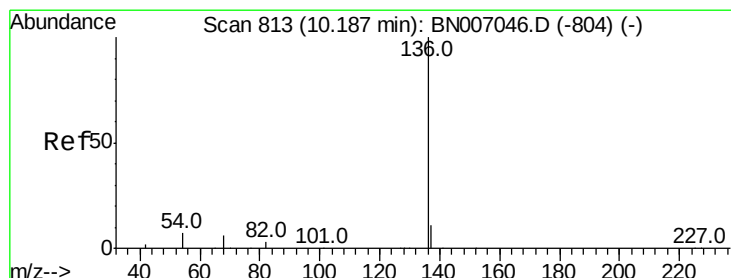
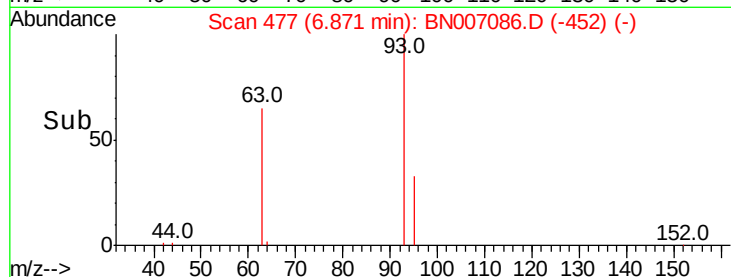
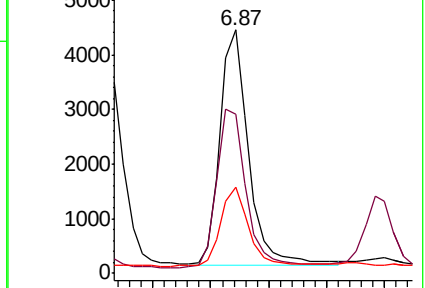
95 33.1 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN007046.D (-472) (-)

Ion 63.00 (62.70 to 63.70): BN007046.D (-472) (-)

Ion 95.00 (94.70 to 95.70): BN007046.D (-472) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007086.D

Acq: 11 Aug 2019 14:38

Tgt Ion: 136 Resp: 33814

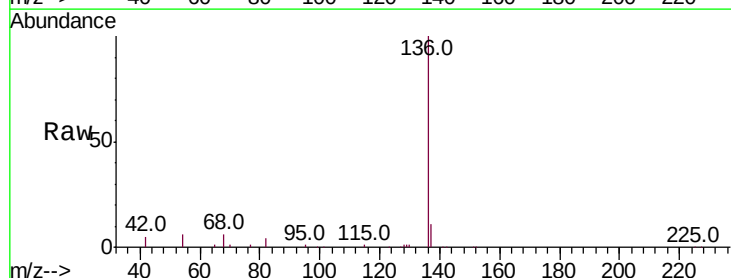
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 6.3 6.6 9.8#

68 5.6 6.0 9.0#

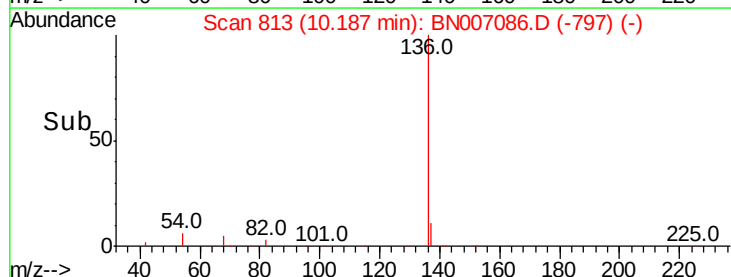
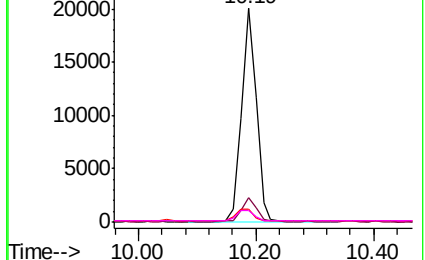


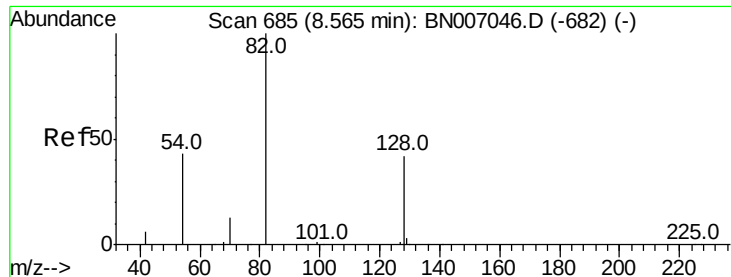
Abundance Ion 136.00 (135.70 to 136.70): BN007046.D (-804) (-)

Ion 137.00 (136.70 to 137.70): BN007046.D (-804) (-)

Ion 54.00 (53.70 to 54.70): BN007046.D (-804) (-)

Ion 68.00 (67.70 to 68.70): BN007046.D (-804) (-)





#7

Nitrobenzene-d5

Concen: 0.266 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007086.D

Acq: 11 Aug 2019 14:38

Instrument :

BNA_N

ClientSampled :

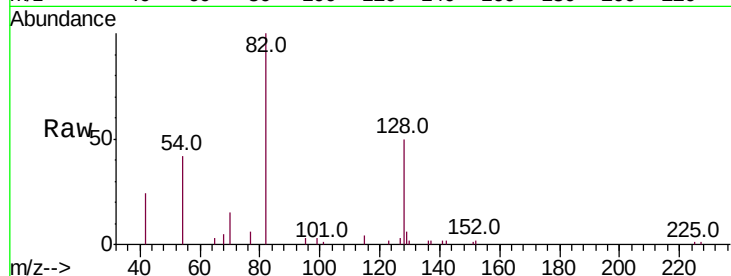
Tot Ion: 82 Resp: 7257

Ion Ratio Lower Upper

82 100

128 49.9 34.6 51.8

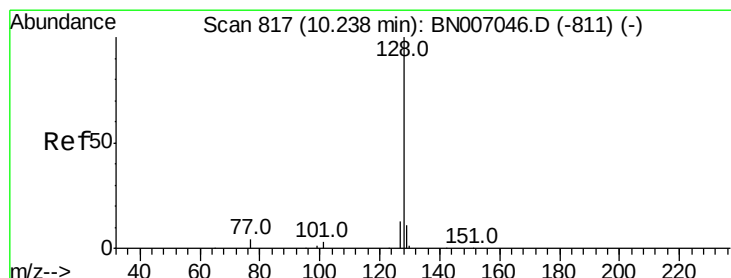
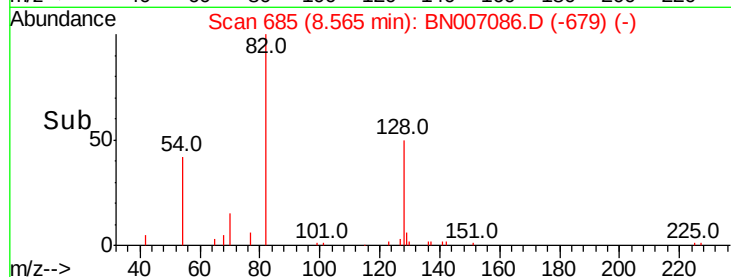
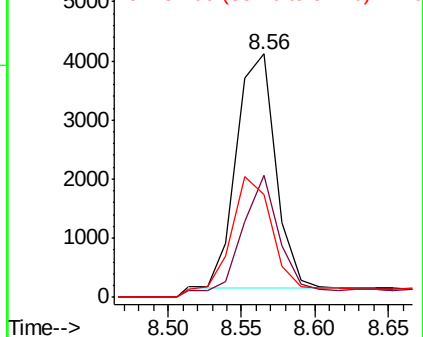
54 42.1 36.2 54.4



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: 0.293 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007086.D

Acq: 11 Aug 2019 14:38

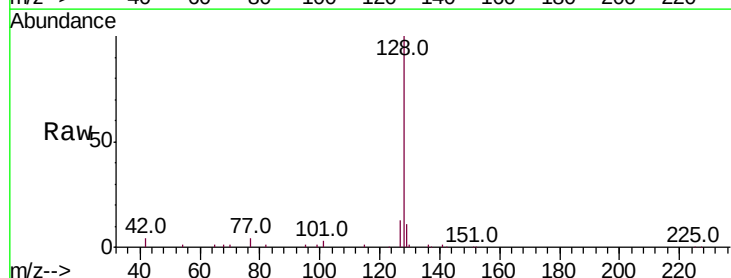
Tgt Ion:128 Resp: 27740

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

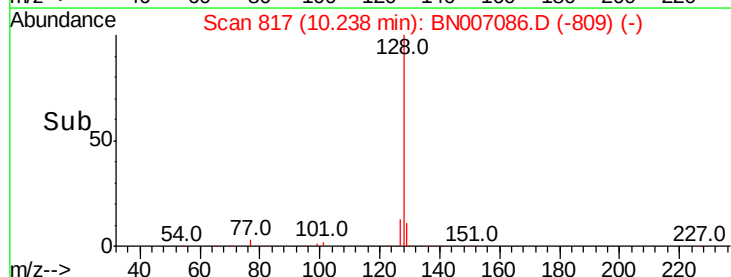
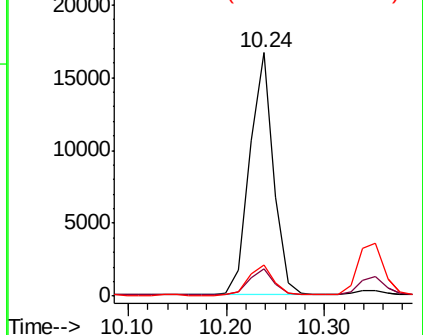
127 13.0 11.0 16.6

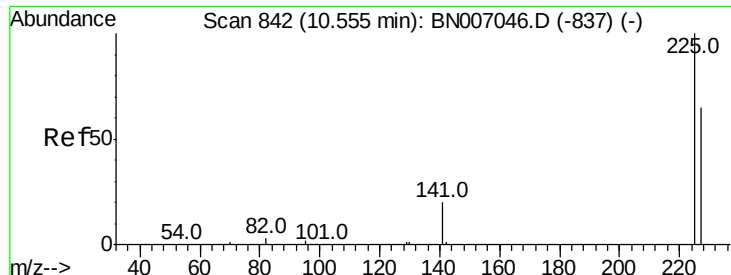


Abundance Ion 128.00 (127.70 to 128.70): BNC

Ion 129.00 (128.70 to 129.70): BNC

Ion 127.00 (126.70 to 127.70): BNC





#9

Hexachlorobutadiene

Concen: 0.281 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007086.D

Acq: 11 Aug 2019 14:38

Instrument :

BNA_N

ClientSampleId :

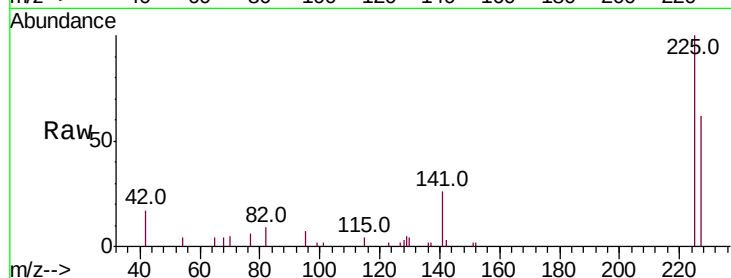
Tot Ion:225 Resp: 5687

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

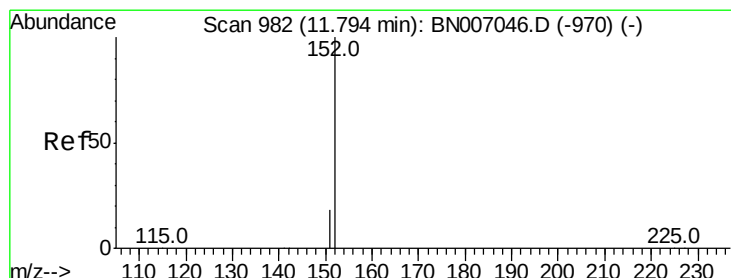
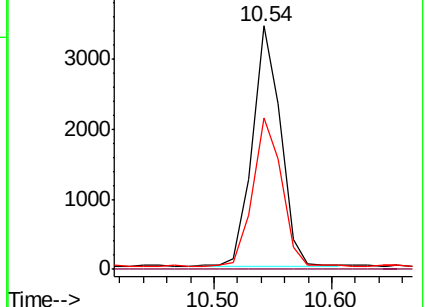
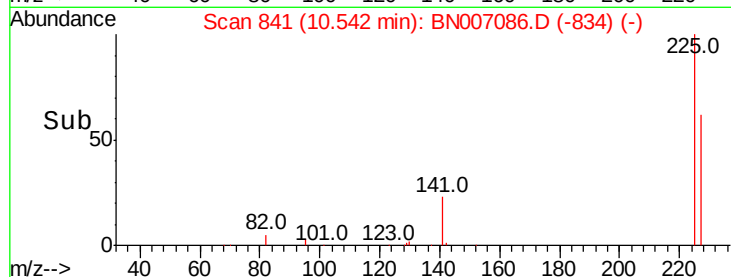
227 63.0 51.1 76.7



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: 0.379 ng

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007086.D

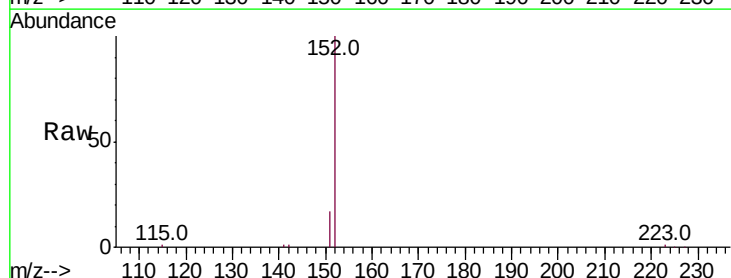
Acq: 11 Aug 2019 14:38

Tgt Ion:152 Resp: 23893

Ion Ratio Lower Upper

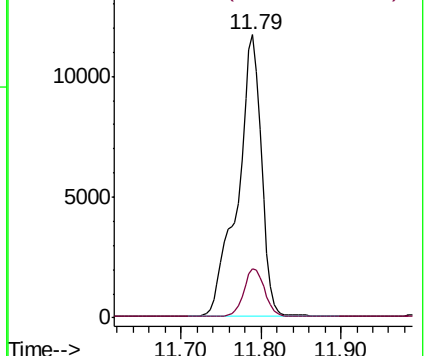
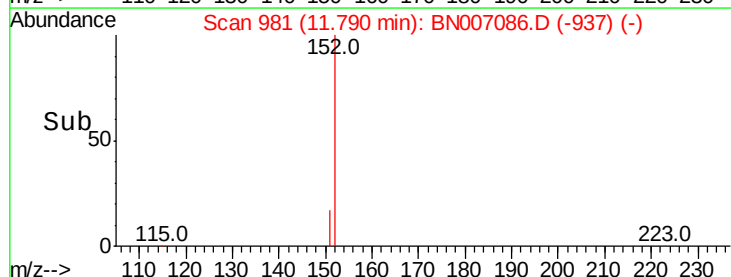
152 100

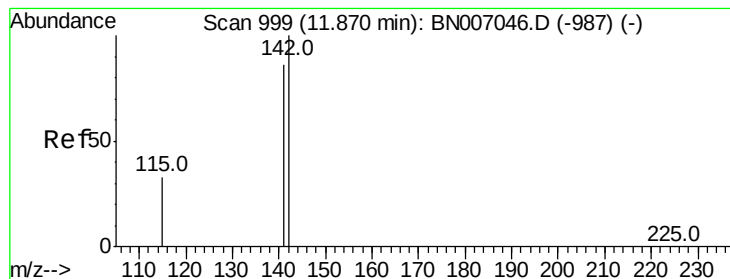
151 15.0 15.5 23.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.292 ng

RT: 11.87 min Scan# 998

Delta R.T. -0.00 min

Lab File: BN007086.D

Acq: 11 Aug 2019 14:38

Instrument :

BNA_N

ClientSampleId :

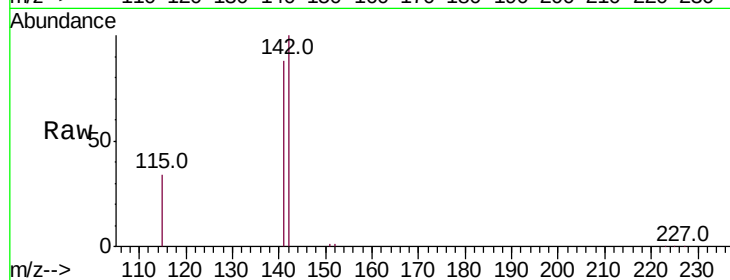
Tot Ion:142 Resp: 19629

Ion Ratio Lower Upper

142 100

141 88.5 69.0 103.6

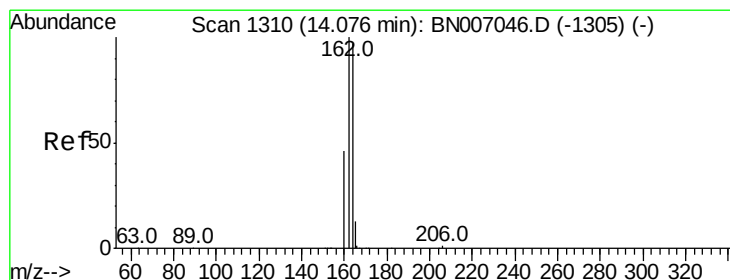
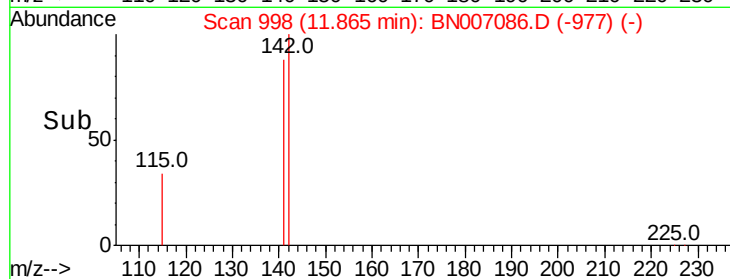
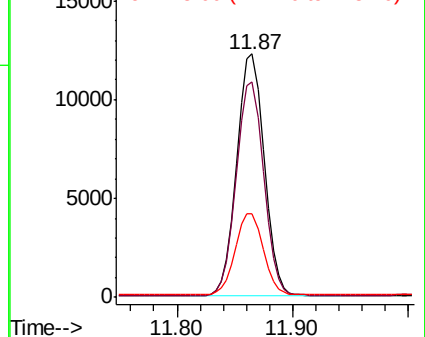
115 34.4 27.1 40.7



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: BN007086.D

Acq: 11 Aug 2019 14:38

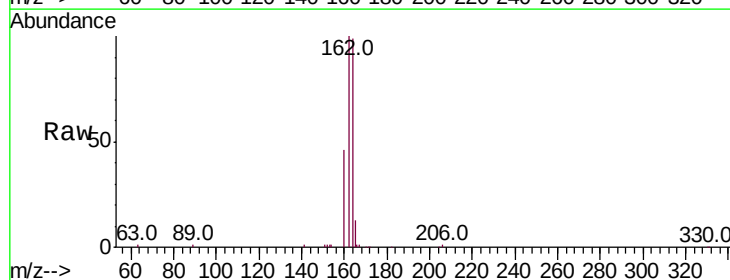
Tgt Ion:164 Resp: 19064

Ion Ratio Lower Upper

164 100

162 100.6 82.2 123.4

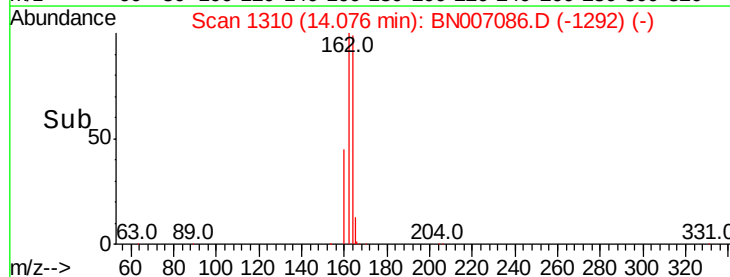
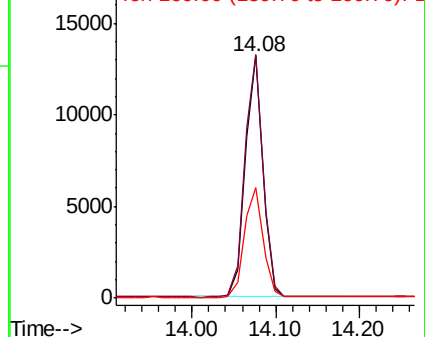
160 45.8 38.3 57.5

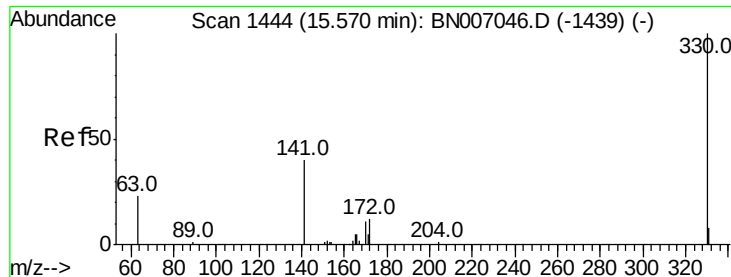


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

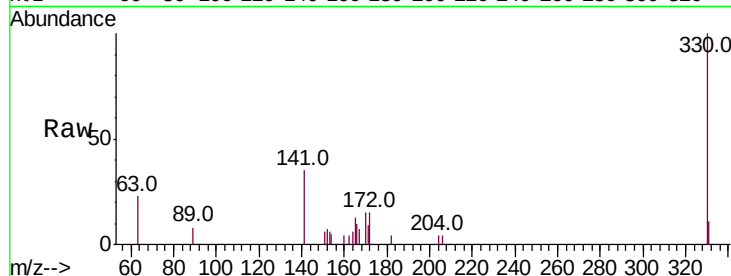




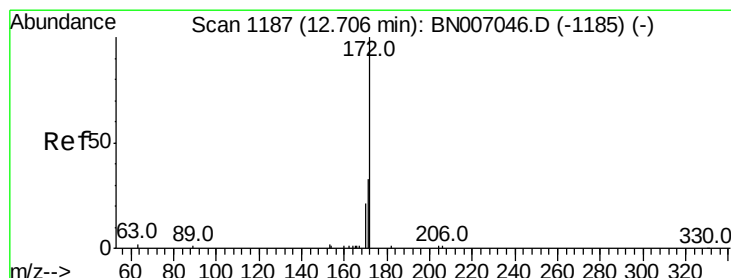
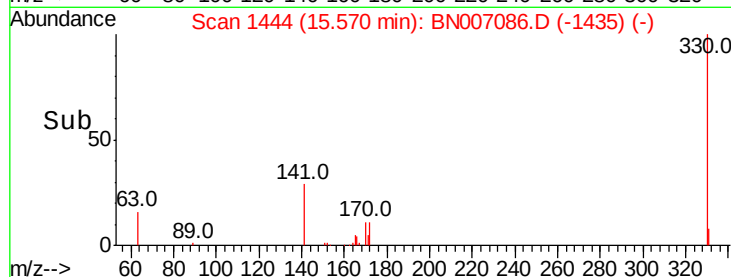
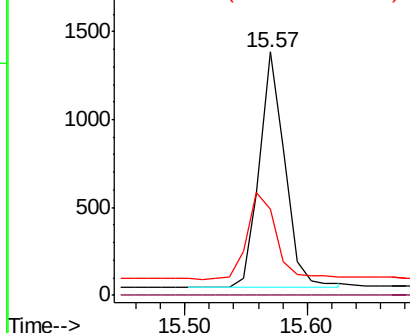
#13
 2,4,6-Tribromophenol
 Concen: 0.191 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007086.D
 Acq: 11 Aug 2019 14:38

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 1962
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 41.5 33.6 50.4

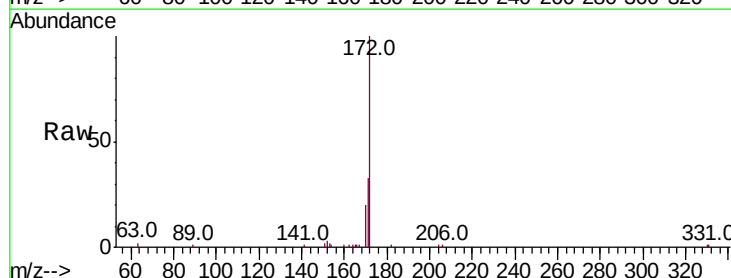


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

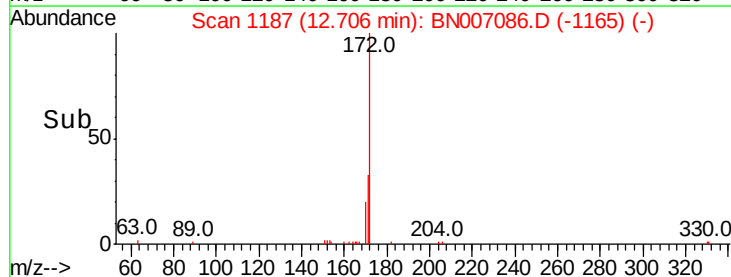
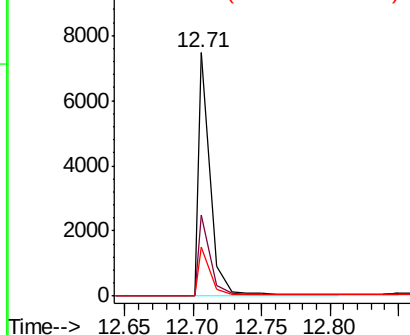


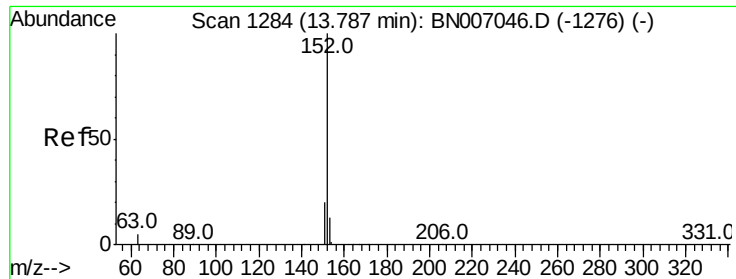
#14
 2-Fluorobiphenyl
 Concen: 0.193 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007086.D
 Acq: 11 Aug 2019 14:38

Tgt Ion:172 Resp: 5358
 Ion Ratio Lower Upper
 172 100
 171 33.0 26.3 39.5
 170 20.1 17.0 25.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 0.284 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007086.D

Acq: 11 Aug 2019 14:38

Instrument :

BNA_N

ClientSampled :

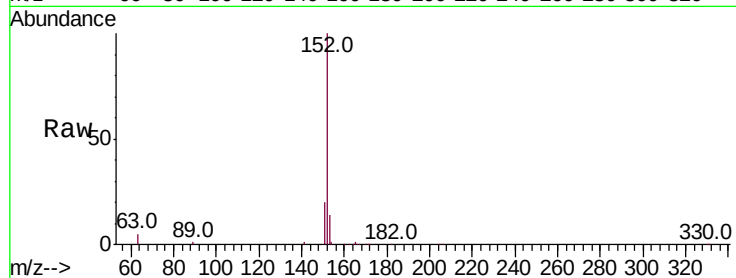
Tot Ion:152 Resp: 28269

Ion Ratio Lower Upper

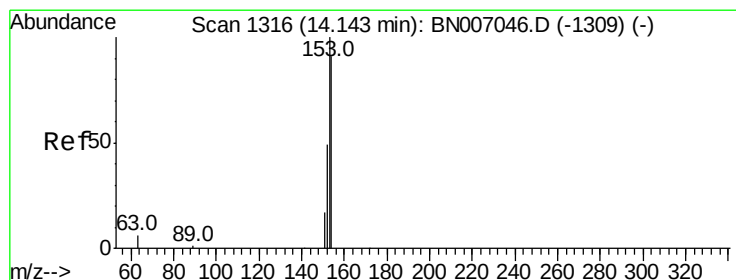
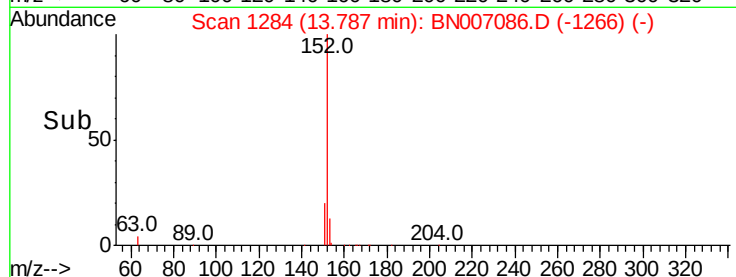
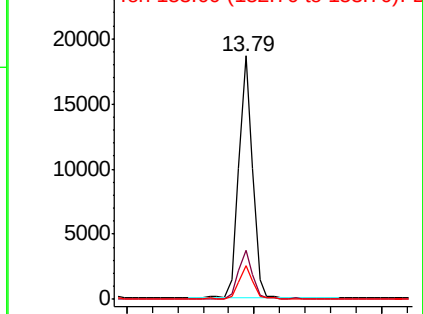
152 100

151 19.8 15.8 23.6

153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.288 ng

RT: 14.13 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN007086.D

Acq: 11 Aug 2019 14:38

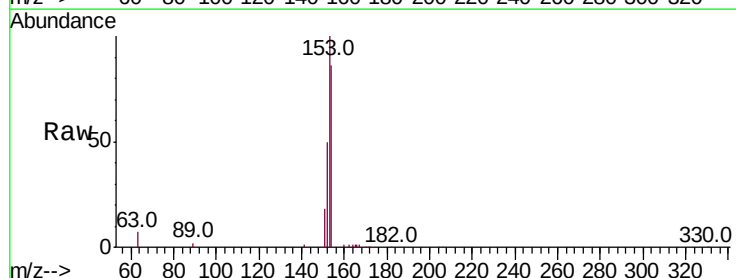
Tgt Ion:154 Resp: 18382

Ion Ratio Lower Upper

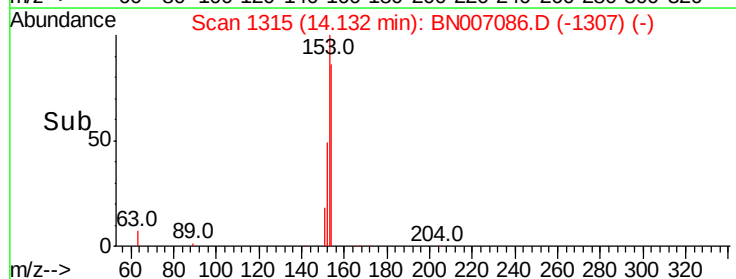
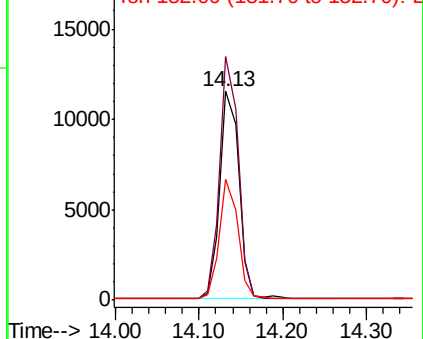
154 100

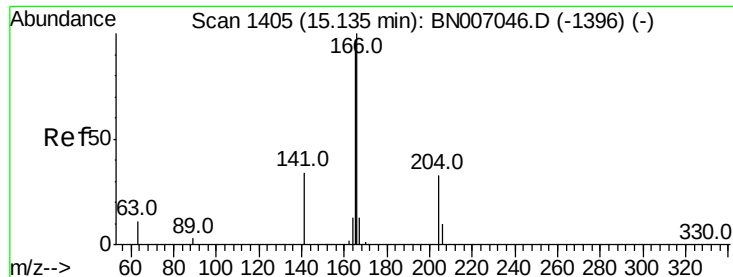
153 112.4 89.5 134.3

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

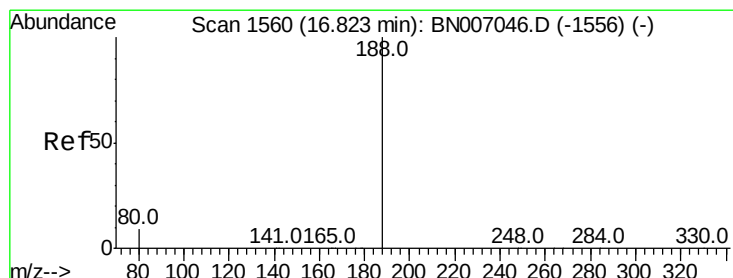
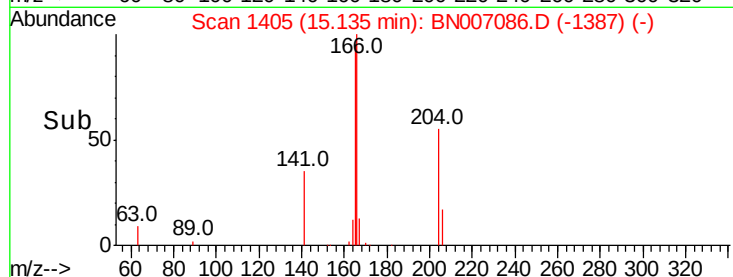
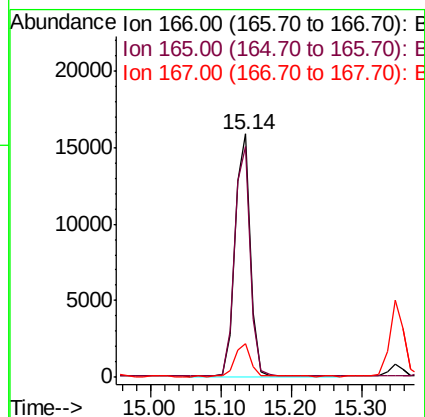
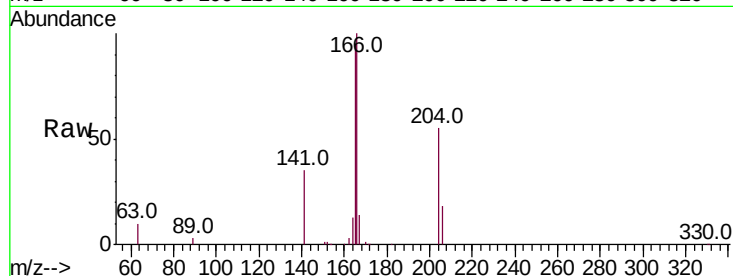




#17
 Fluorene
 Concen: 0.253 ng
 RT: 15.14 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BN007086.D
 Acq: 11 Aug 2019 14:38

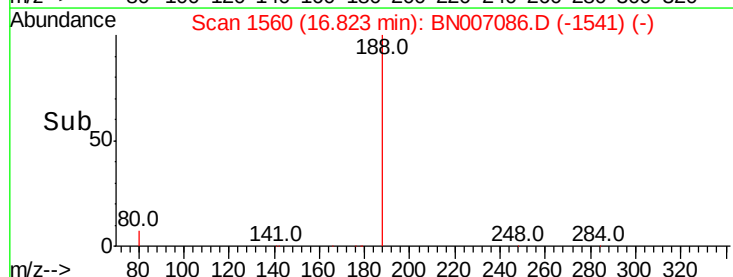
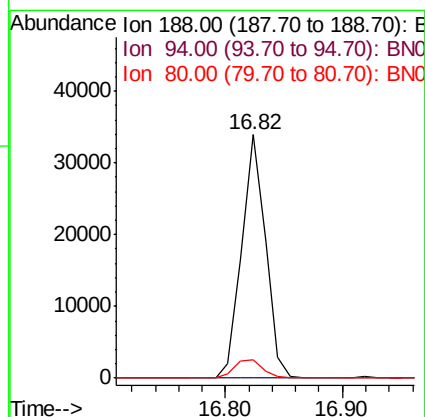
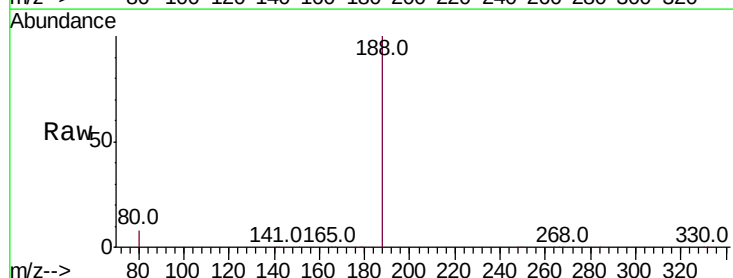
Instrument :
 BNA_N
 ClientSampleId :

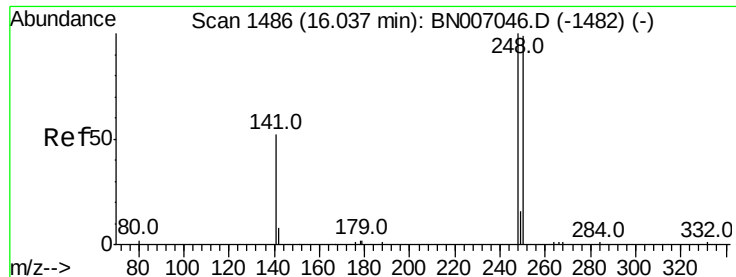
Tot Ion:166 Resp: 24157
 Ion Ratio Lower Upper
 166 100
 165 96.8 77.9 116.9
 167 13.5 10.9 16.3



#18
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.82 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BN007086.D
 Acq: 11 Aug 2019 14:38

Tgt Ion:188 Resp: 47460
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 7.6 7.8 11.6#





#19

4-Bromophenyl-phenylether

Concen: 0.292 ng

RT: 16.03 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN007086.D

Acq: 11 Aug 2019 14:38

Instrument :

BNA_N

ClientSampleId :

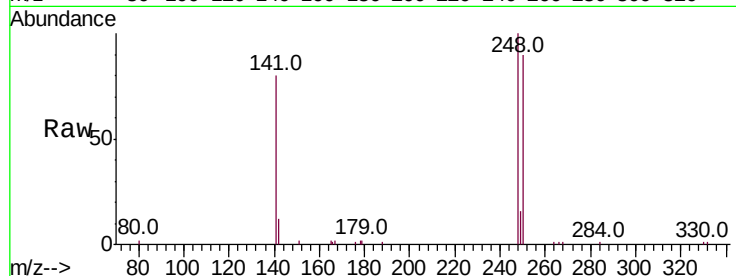
Tot Ion:248 Resp: 8568

Ion Ratio Lower Upper

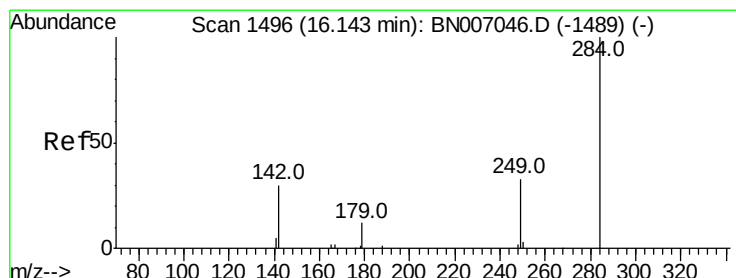
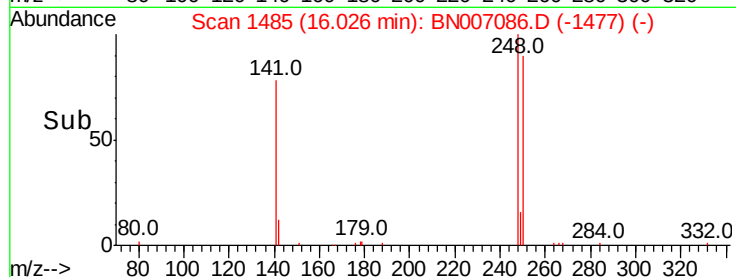
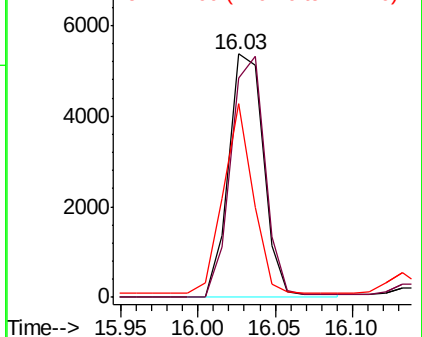
248 100

250 90.0 78.9 118.3

141 79.6 43.3 64.9#



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



#20

Hexachlorobenzene

Concen: 0.302 ng

RT: 16.14 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN007086.D

Acq: 11 Aug 2019 14:38

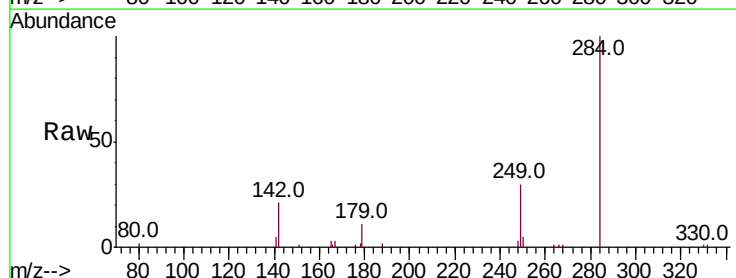
Tgt Ion:284 Resp: 8519

Ion Ratio Lower Upper

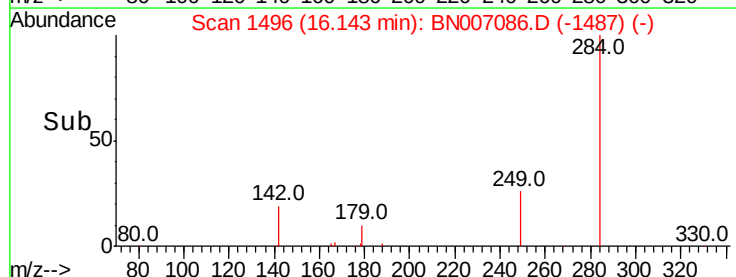
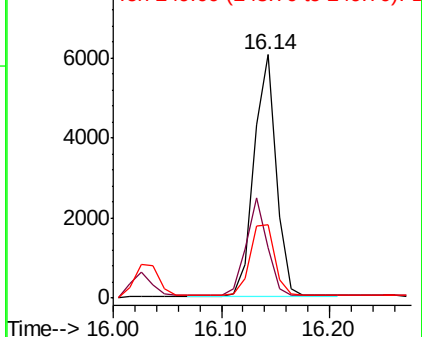
284 100

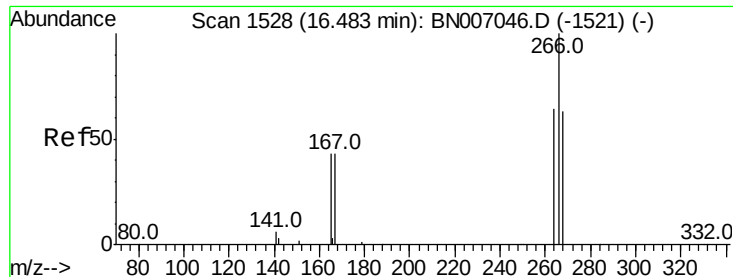
142 38.3 30.5 45.7

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

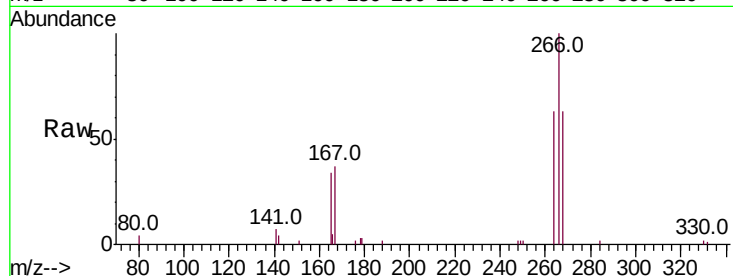




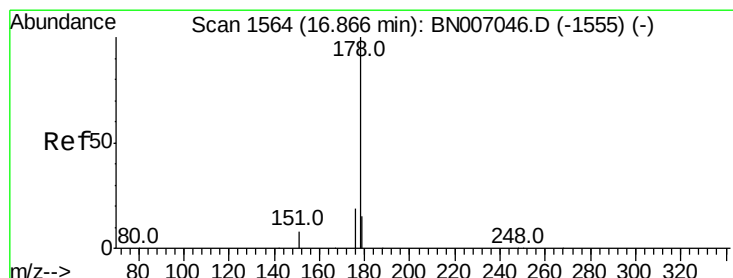
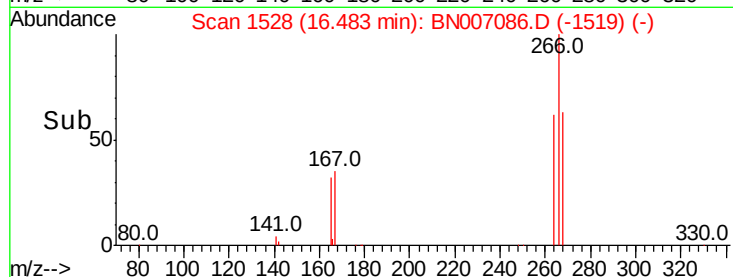
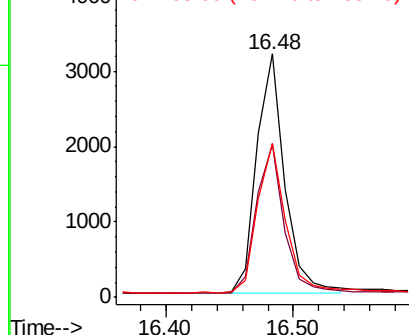
#21
 Pentachlorophenol
 Concen: 0.464 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007086.D
 Acq: 11 Aug 2019 14:38

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:266 Resp: 4883
 Ion Ratio Lower Upper
 266 100
 264 62.5 52.3 78.5
 268 63.5 51.5 77.3

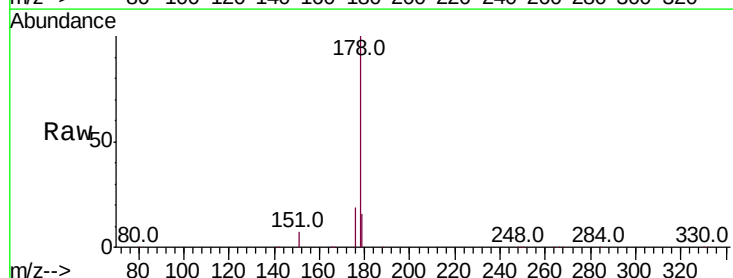


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

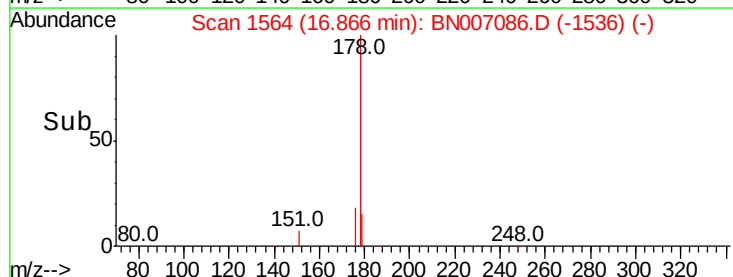
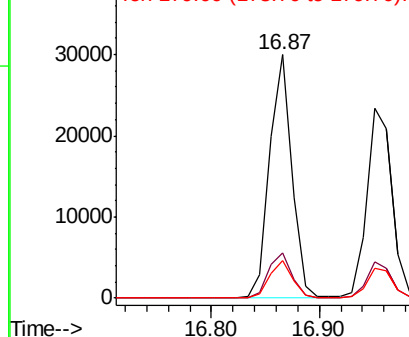


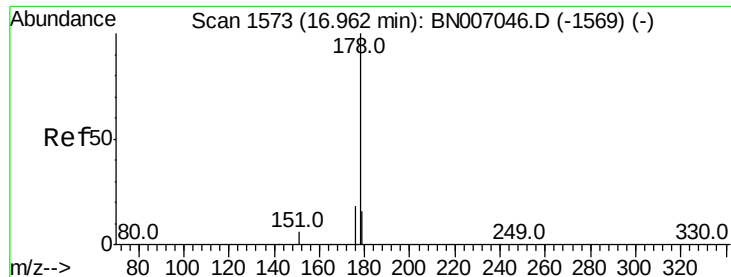
#22
 Phenanthrene
 Concen: 0.299 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007086.D
 Acq: 11 Aug 2019 14:38

Tgt Ion:178 Resp: 42504
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 15.4 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: 0.289 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007086.D

Acq: 11 Aug 2019 14:38

Instrument :

BNA_N

ClientSampled :

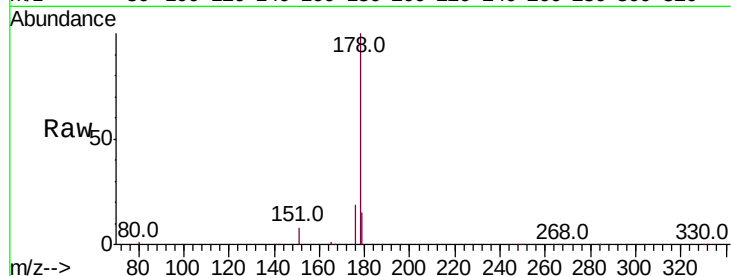
Tot Ion:178 Resp: 37604

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

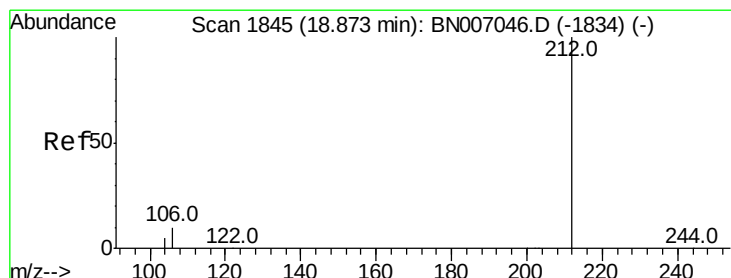
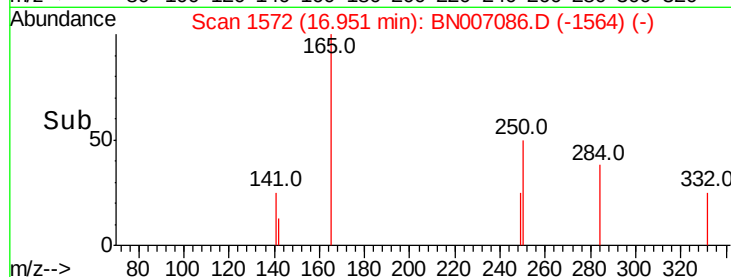
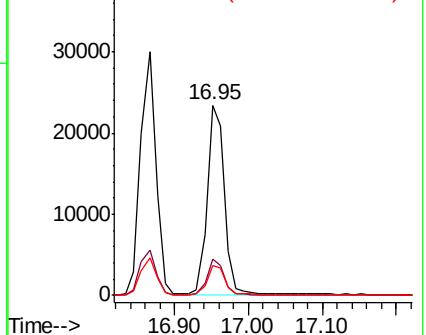
179 15.4 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene-d10

Concen: 0.282 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BN007086.D

Acq: 11 Aug 2019 14:38

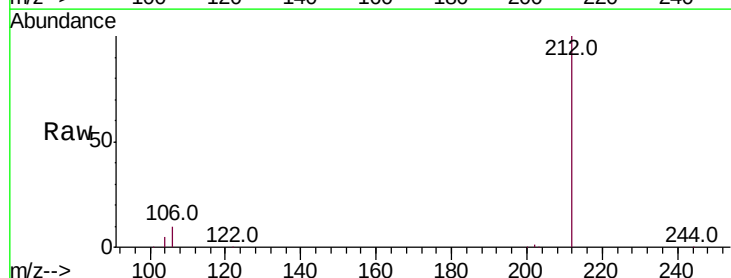
Tgt Ion:212 Resp: 47429

Ion Ratio Lower Upper

212 100

106 10.0 8.2 12.2

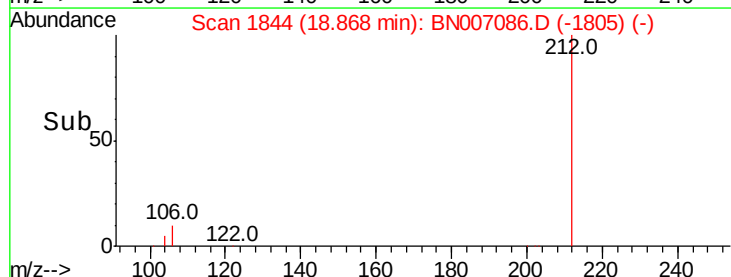
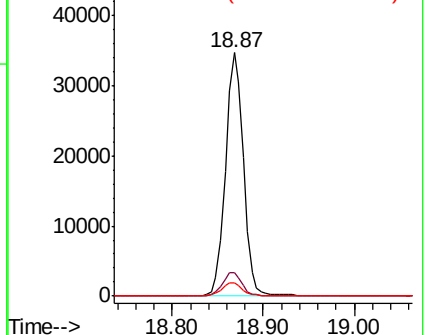
104 5.6 4.5 6.7

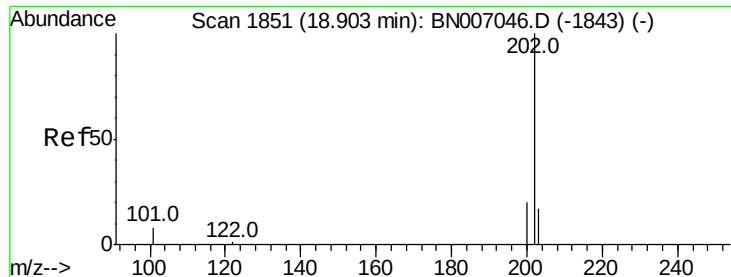


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.278 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BN007086.D

Acq: 11 Aug 2019 14:38

Instrument :

BNA_N

ClientSampleId :

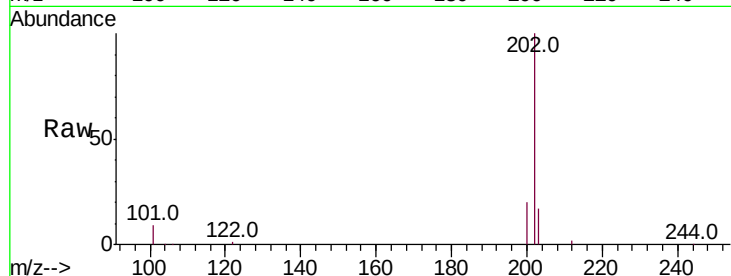
Tot Ion:202 Resp: 50581

Ion Ratio Lower Upper

202 100

101 8.6 7.0 10.4

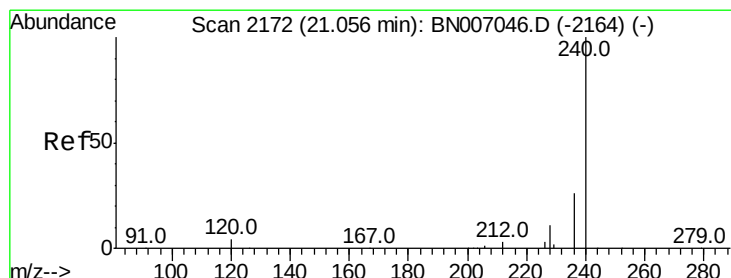
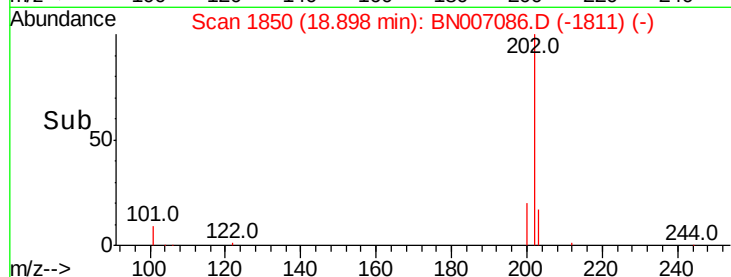
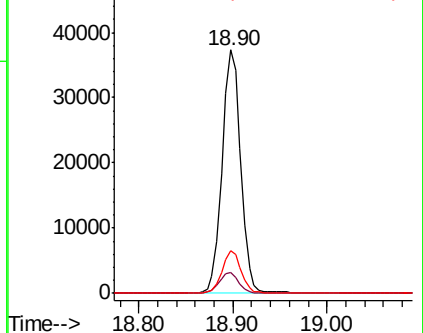
203 17.2 13.8 20.8



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: BN007086.D

Acq: 11 Aug 2019 14:38

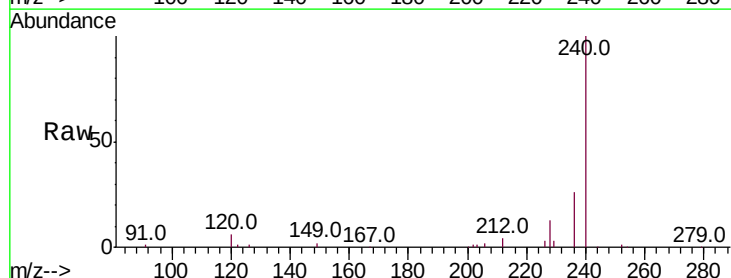
Tgt Ion:240 Resp: 48245

Ion Ratio Lower Upper

240 100

120 6.0 4.0 6.0#

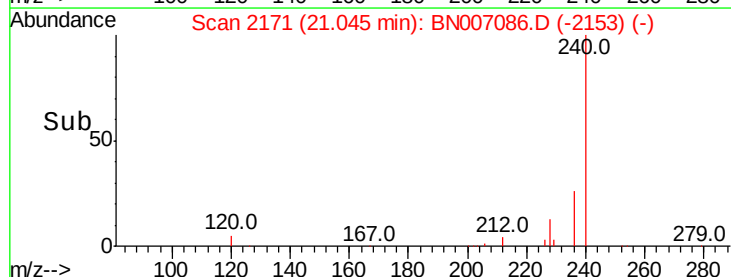
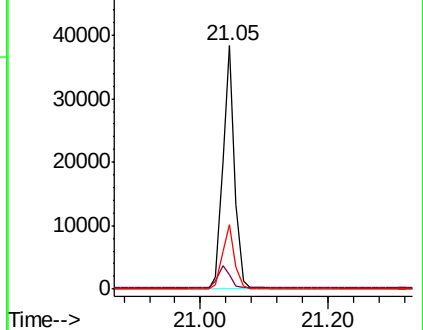
236 26.4 21.3 31.9

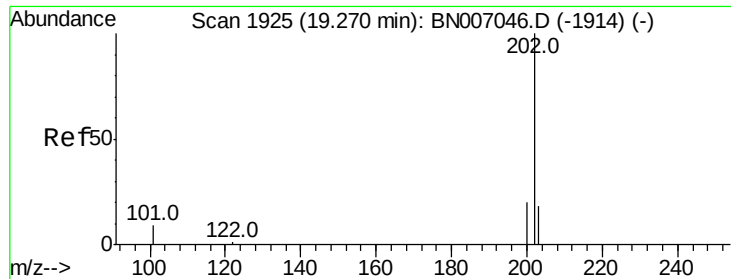


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

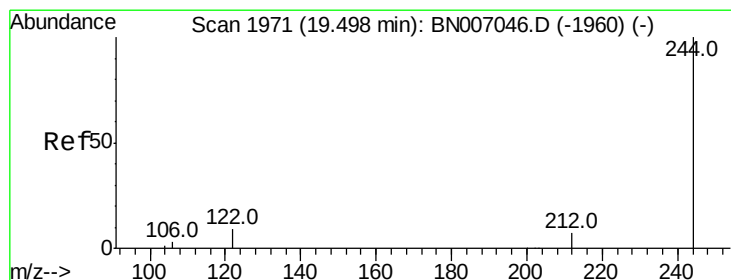
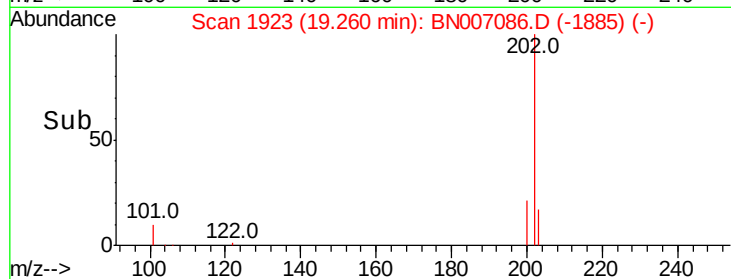
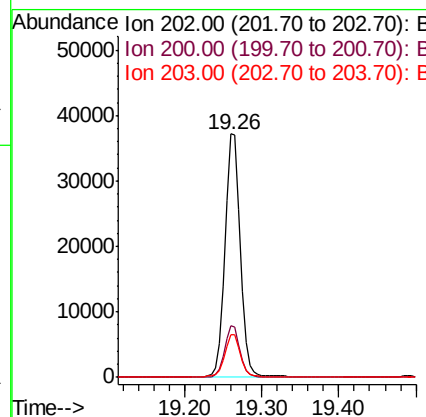
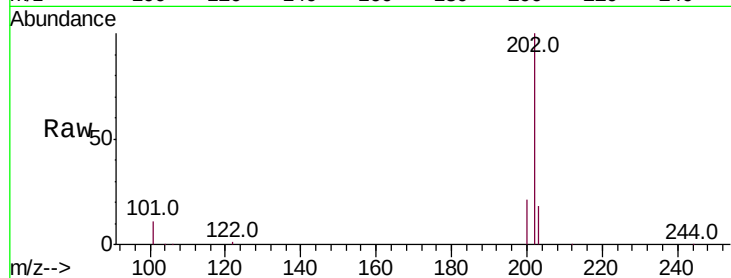




#27
Pvrene
Concen: 0.300 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

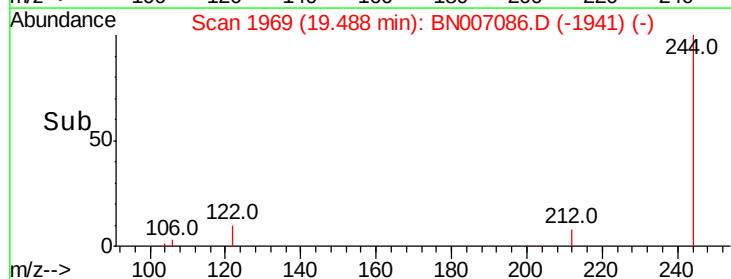
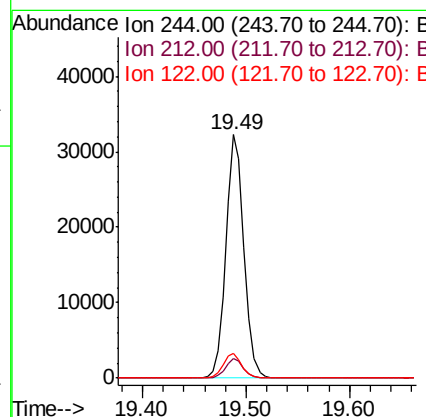
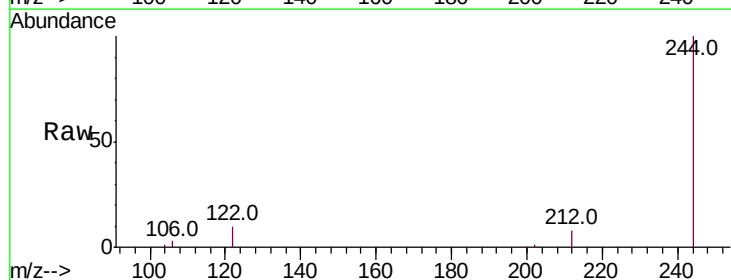
Instrument :
BNA_N
ClientSampleId :

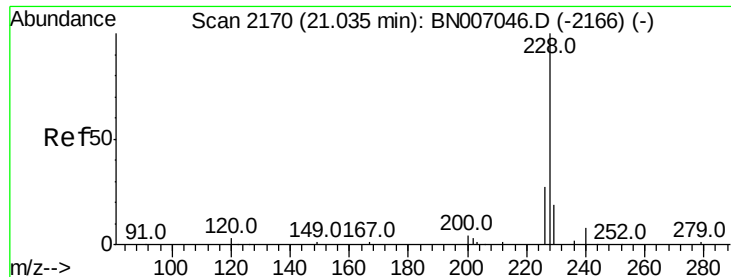
Tot Ion:202 Resp: 50756
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 17.8 14.0 21.0



#28
Terphenyl-d14
Concen: 0.292 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007086.D
Acq: 11 Aug 2019 14:38

Tgt Ion:244 Resp: 38337
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 10.1 7.4 11.2





#29

Benzo(a)anthracene

Concen: 0.284 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007086.D

Acq: 11 Aug 2019 14:38

Instrument :

BNA_N

ClientSampleId :

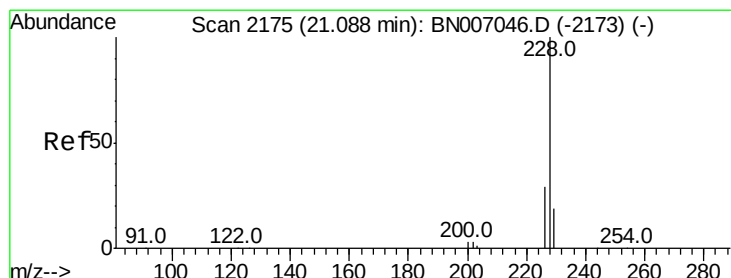
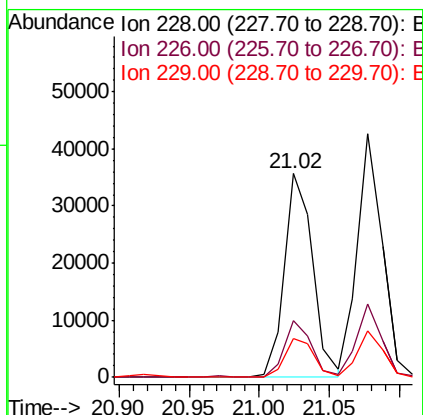
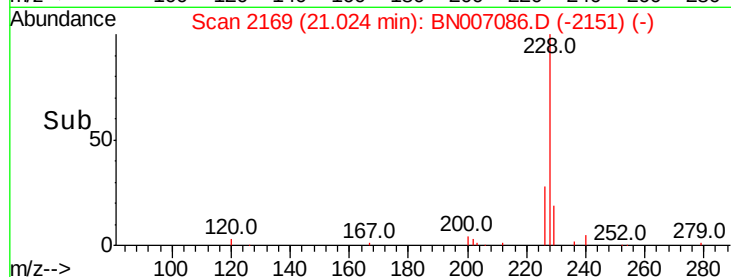
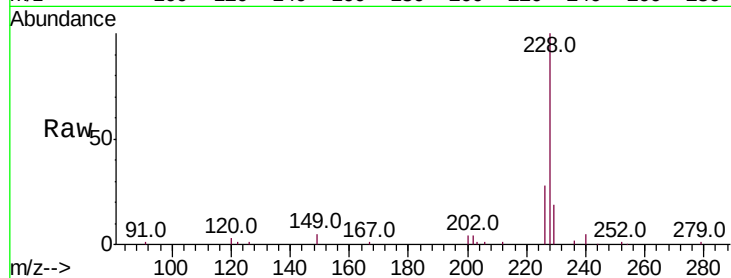
Tot Ion:228 Resp: 50066

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.6

229 18.9 15.6 23.4



#30

Chrysene

Concen: 0.305 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007086.D

Acq: 11 Aug 2019 14:38

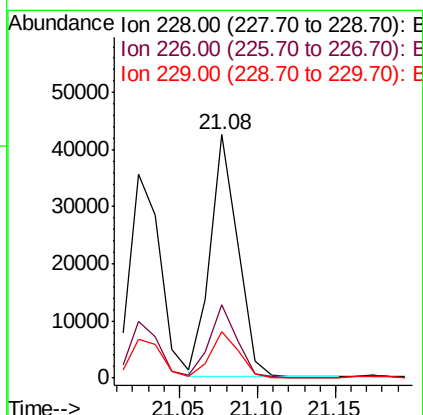
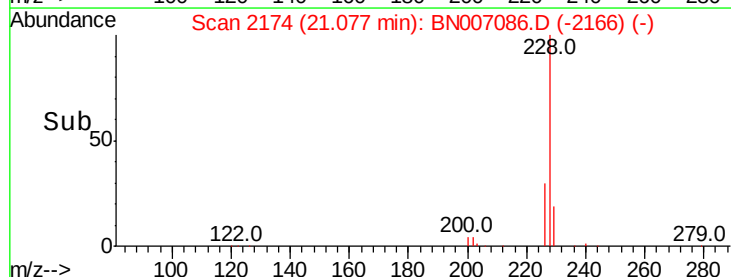
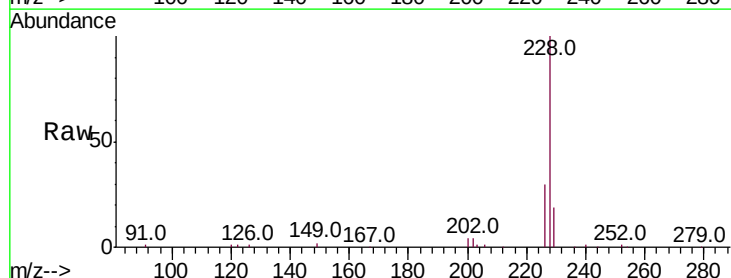
Tgt Ion:228 Resp: 52312

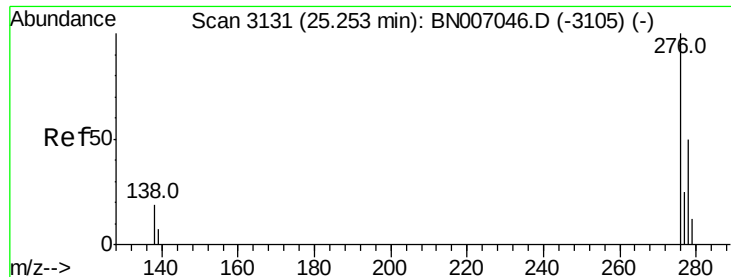
Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.6

229 19.0 15.7 23.5

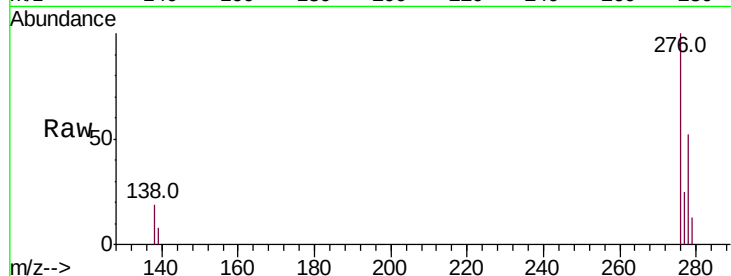




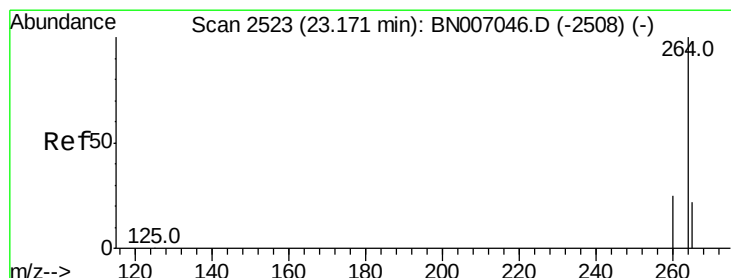
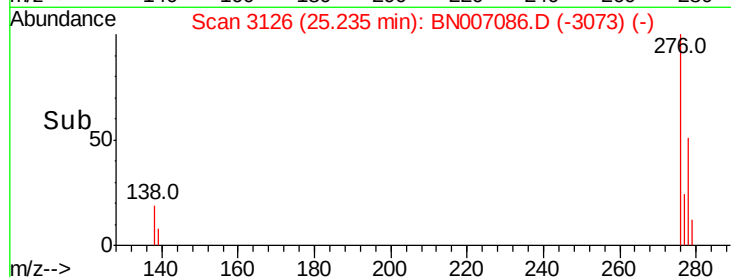
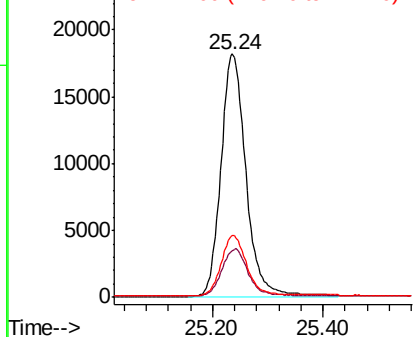
#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.301 ng
 RT: 25.24 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BN007086.D
 Acq: 11 Aug 2019 14:38

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 56941
 Ion Ratio Lower Upper
 276 100
 138 20.0 16.0 24.0
 277 24.7 19.9 29.9

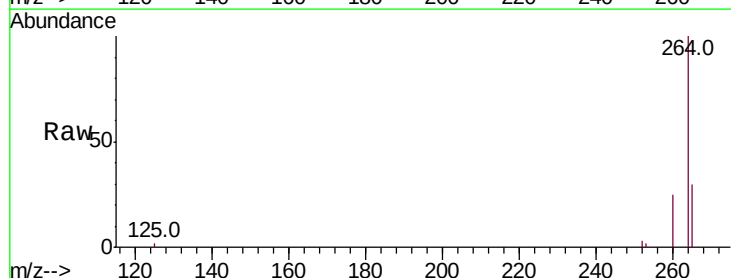


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

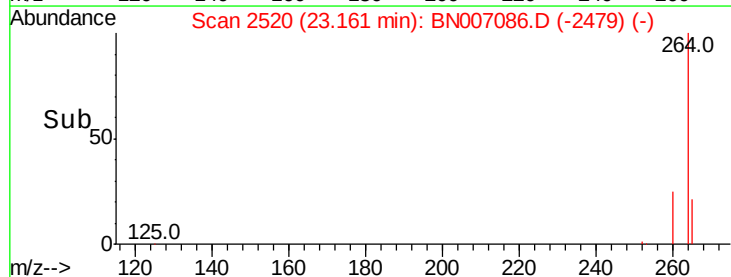
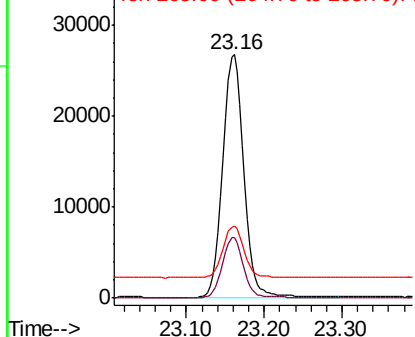


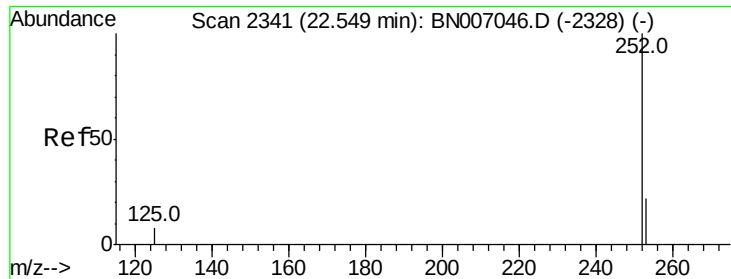
#32
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.16 min Scan# 2520
 Delta R.T. -0.01 min
 Lab File: BN007086.D
 Acq: 11 Aug 2019 14:38

Tgt Ion:264 Resp: 49813
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.8 29.8
 265 29.7 26.2 39.4



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.295 ng

RT: 22.54 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BN007086.D

Acq: 11 Aug 2019 14:38

Instrument :

BNA_N

ClientSampleId :

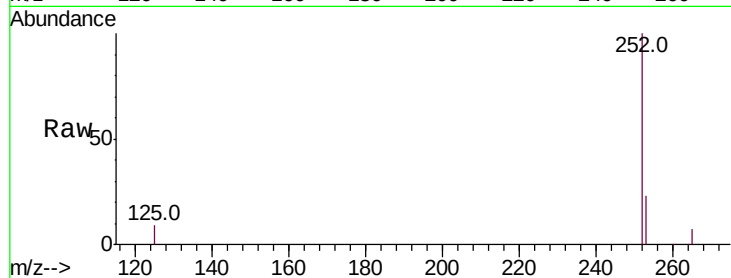
Tot Ion:252 Resp: 50446

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

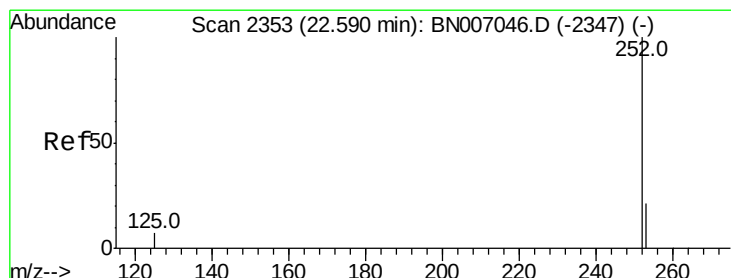
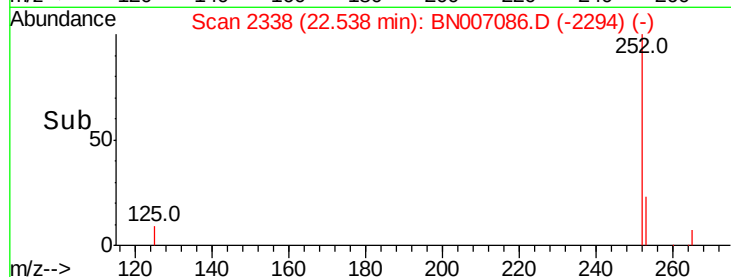
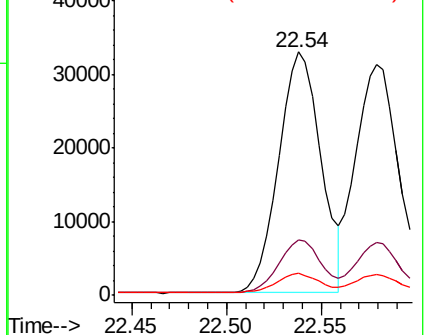
125 8.9 7.4 11.0



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: 0.301 ng

RT: 22.58 min Scan# 2350

Delta R.T. -0.01 min

Lab File: BN007086.D

Acq: 11 Aug 2019 14:38

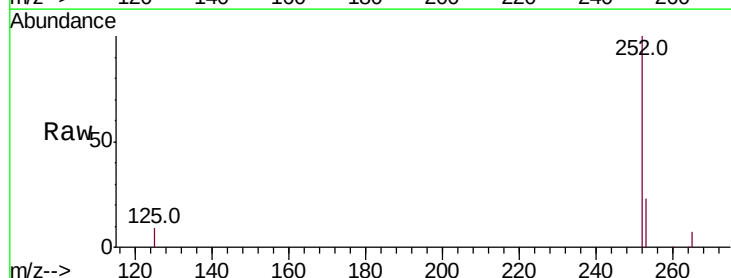
Tgt Ion:252 Resp: 50795

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

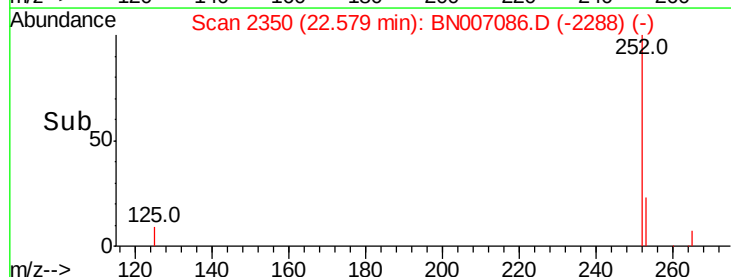
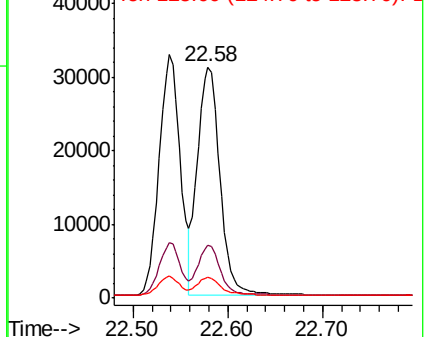
125 8.9 7.4 11.0

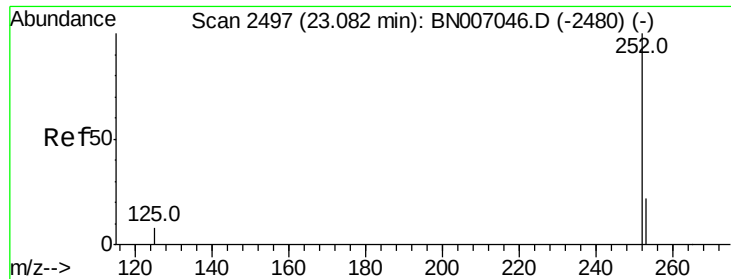


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.293 ng

RT: 23.07 min Scan# 2493

Delta R.T. -0.01 min

Lab File: BN007086.D

Acq: 11 Aug 2019 14:38

Instrument :

BNA_N

ClientSampleId :

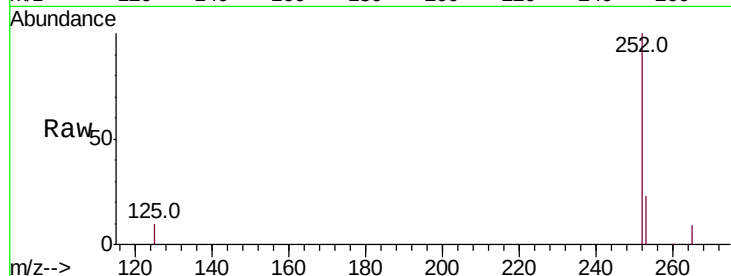
Tot Ion:252 Resp: 45374

Ion Ratio Lower Upper

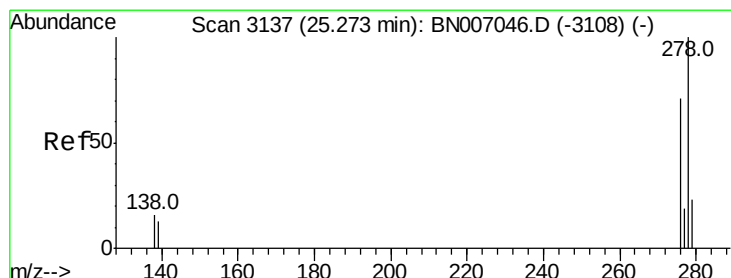
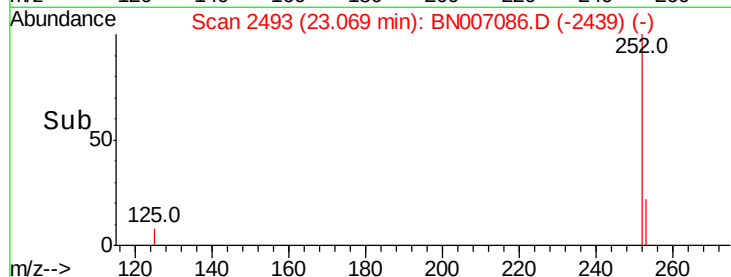
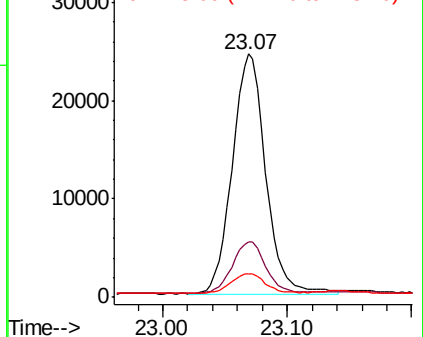
252 100

253 23.0 18.5 27.7

125 9.9 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: 0.307 ng

RT: 25.25 min Scan# 3131

Delta R.T. -0.02 min

Lab File: BN007086.D

Acq: 11 Aug 2019 14:38

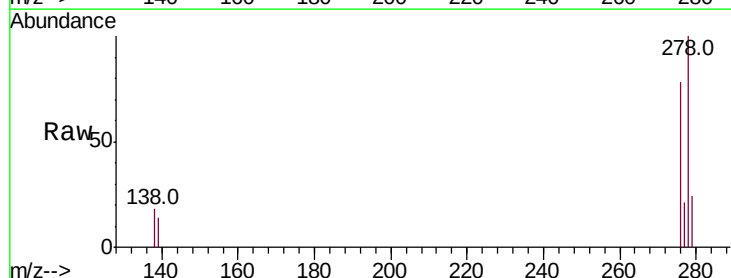
Tgt Ion:278 Resp: 47438

Ion Ratio Lower Upper

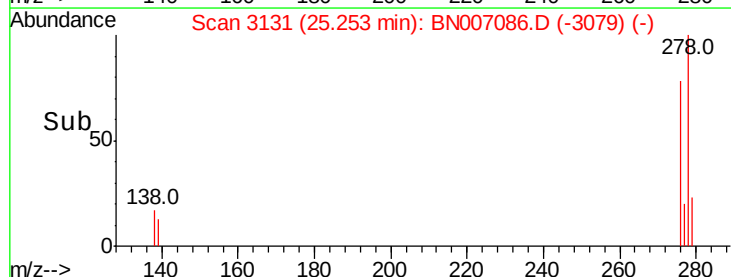
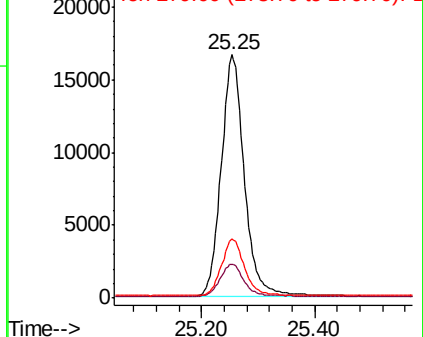
278 100

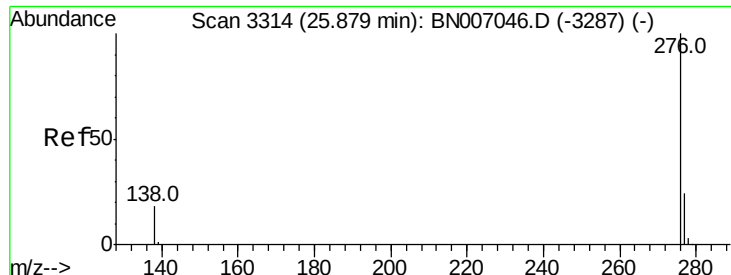
139 14.0 11.3 16.9

279 24.1 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: 0.308 ng

RT: 25.86 min Scan# 3309

Delta R.T. -0.02 min

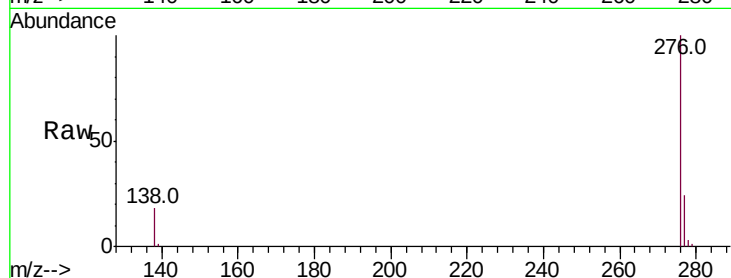
Lab File: BN007086.D

Acq: 11 Aug 2019 14:38

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 48932

Ion Ratio Lower Upper

276 100

277 24.3 19.8 29.8

138 18.0 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

