

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
 Data File : BN007050.D
 Acq On : 10 Aug 2019 15:07
 Operator : HP/JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Quant Time: Aug 10 21:35:05 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 21:17:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	7211	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	22800	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	13425	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	32227	0.40	ng	0.00
26) Chrysene-d12	21.06	240	35972	0.40	ng	0.00
32) Perylene-d12	23.17	264	35647	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	78615	4.21	ng	0.00
4) Phenol-d6	6.61	99	97805	4.29	ng	0.00
7) Nitrobenzene-d5	8.56	82	97640	5.50	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	212255	4.84	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	33077	5.22	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	84887	3.81	ng	0.00
24) Fluoranthene-d10	18.87	212	599988	5.04	ng	0.00
28) Terphenyl-d14	19.50	244	515120	4.95	ng	0.00

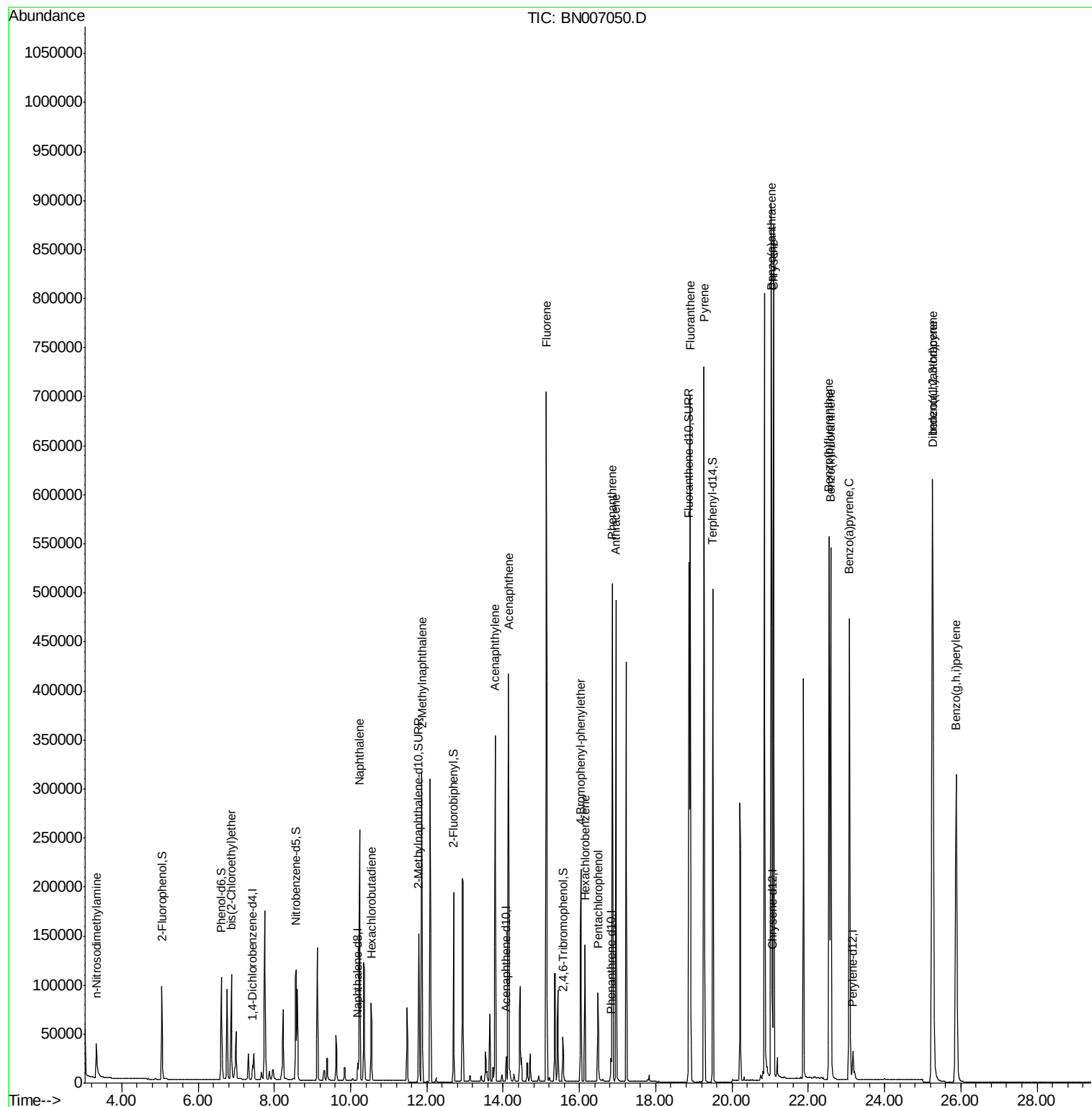
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.34	42	27774	6.725	ng	# 95
5) bis(2-Chloroethyl)ether	6.87	93	85428	4.201	ng	99
8) Naphthalene	10.24	128	314968	4.697	ng	98
9) Hexachlorobutadiene	10.54	225	68154	4.724	ng	# 100
11) 2-Methylnaphthalene	11.87	142	224578	4.803	ng	99
15) Acenaphthylene	13.79	152	378832	5.369	ng	100
16) Acenaphthene	14.14	154	231720	5.079	ng	96
17) Fluorene	15.14	166	304344	4.596	ng	100
19) 4-Bromophenyl-phenylether	16.04	248	108356	5.053	ng	99
20) Hexachlorobenzene	16.14	284	102697	5.126	ng	100
21) Pentachlorophenol	16.48	266	42210	6.054	ng	98
22) Phenanthrene	16.87	178	514956	5.090	ng	100
23) Anthracene	16.96	178	489540	5.551	ng	99
25) Fluoranthene	18.90	202	639713	4.924	ng	100
27) Pyrene	19.27	202	654080	4.814	ng	100
29) Benzo(a)anthracene	21.03	228	715450	5.253	ng	99
30) Chrysene	21.09	228	667631	4.957	ng	100
31) Indeno(1,2,3-cd)pyrene	25.25	276	756413	5.253	ng	100
33) Benzo(b)fluoranthene	22.55	252	672585	5.420	ng	98
34) Benzo(k)fluoranthene	22.59	252	677480	5.459	ng	98
35) Benzo(a)pyrene	23.08	252	623607	5.572	ng	97
36) Dibenzo(a,h)anthracene	25.27	278	613045	5.497	ng	98
37) Benzo(g,h,i)perylene	25.88	276	623089	5.347	ng	98

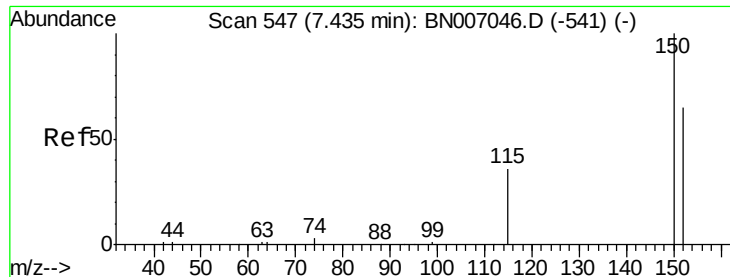
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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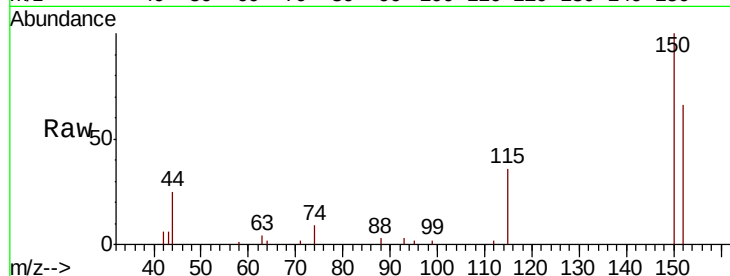


#1

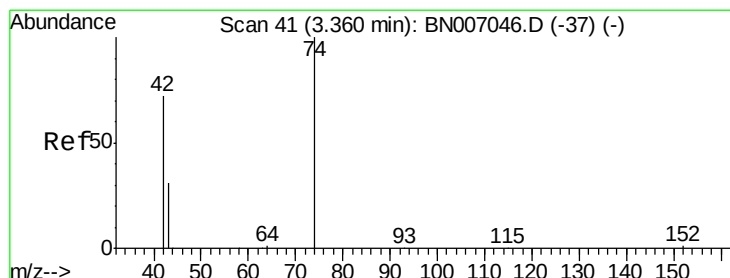
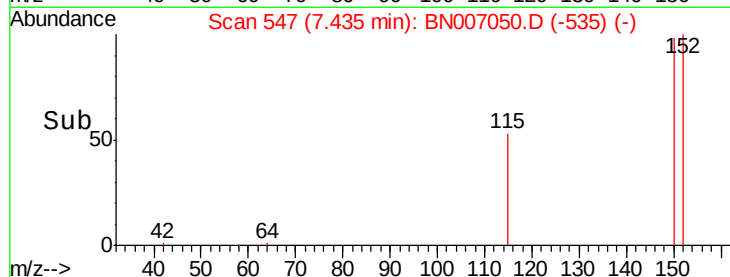
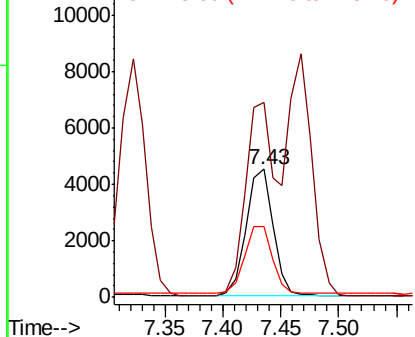
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007050.D
Acq: 10 Aug 2019 15:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 7211
Ion Ratio Lower Upper
152 100
150 151.9 121.7 182.5
115 55.3 46.2 69.4



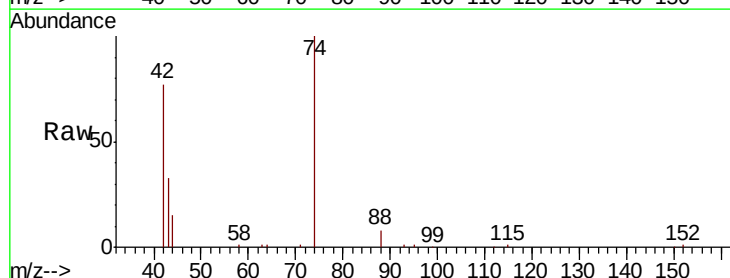
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



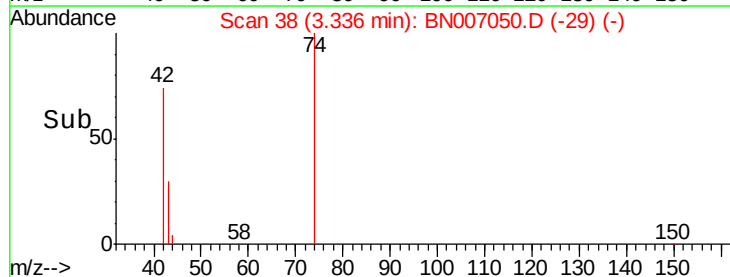
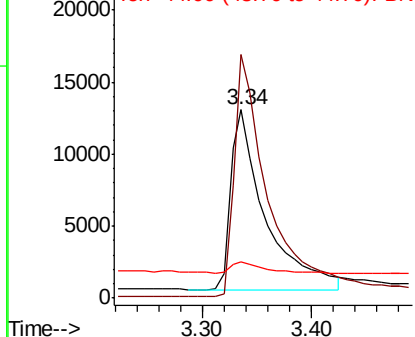
#2

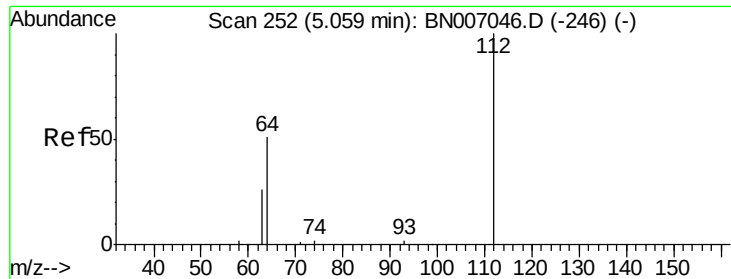
n-Nitrosodimethylamine
Concen: 6.725 ng
RT: 3.34 min Scan# 38
Delta R.T. -0.02 min
Lab File: BN007050.D
Acq: 10 Aug 2019 15:07

Tgt Ion: 42 Resp: 27774
Ion Ratio Lower Upper
42 100
74 132.5 110.6 166.0
44 6.1 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: 4.208 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007050.D

Acq: 10 Aug 2019 15:07

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

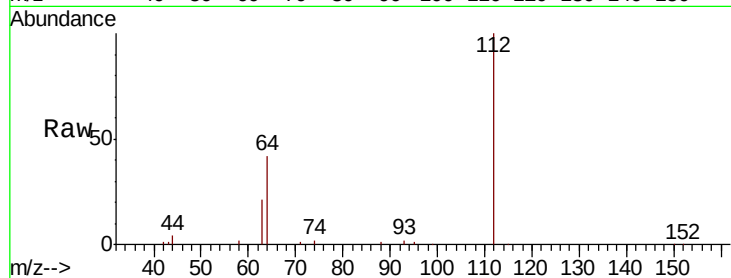
Tgt Ion: 112 Resp: 78615

Ion Ratio Lower Upper

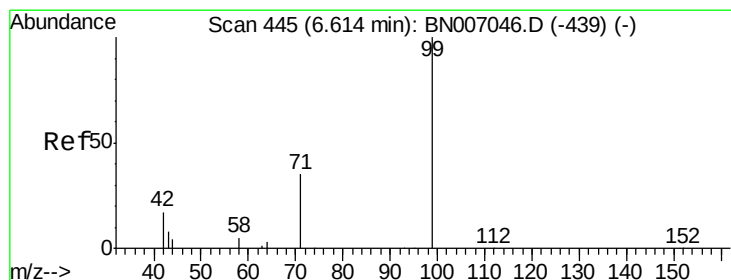
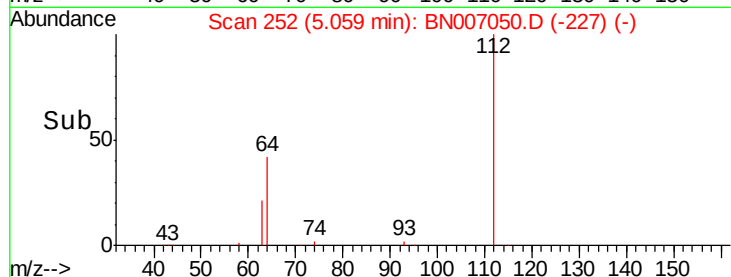
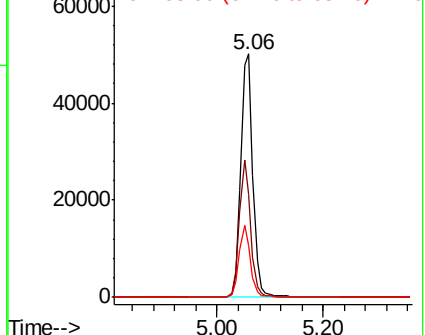
112 100

64 52.5 42.6 63.8

63 27.8 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): BNC
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC



#4

Phenol-d6

Concen: 4.293 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007050.D

Acq: 10 Aug 2019 15:07

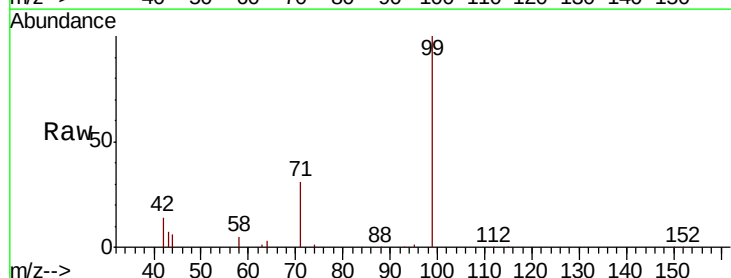
Tgt Ion: 99 Resp: 97805

Ion Ratio Lower Upper

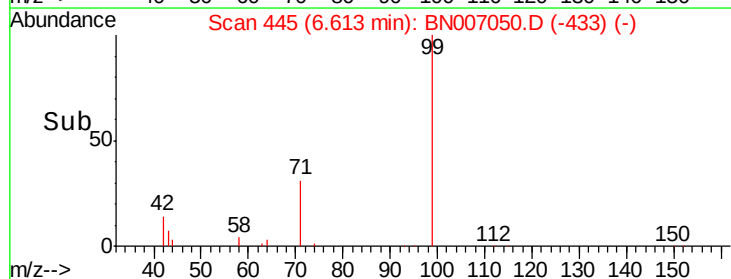
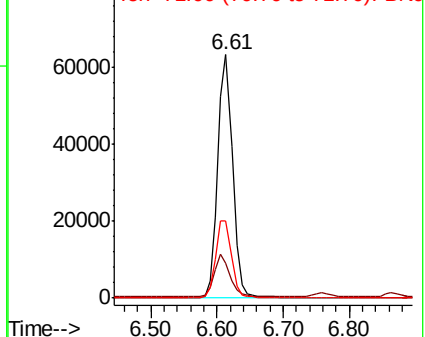
99 100

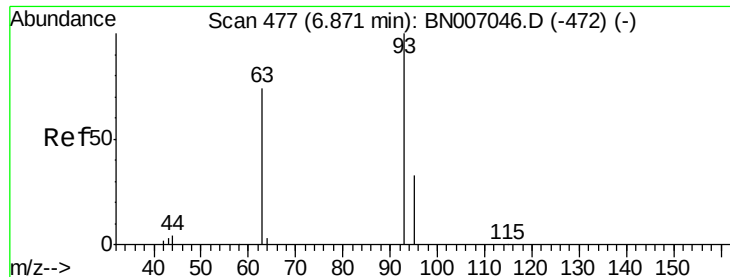
42 18.7 15.8 23.6

71 33.8 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: 4.201 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.00 min

Lab File: BN007050.D

Acq: 10 Aug 2019 15:07

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

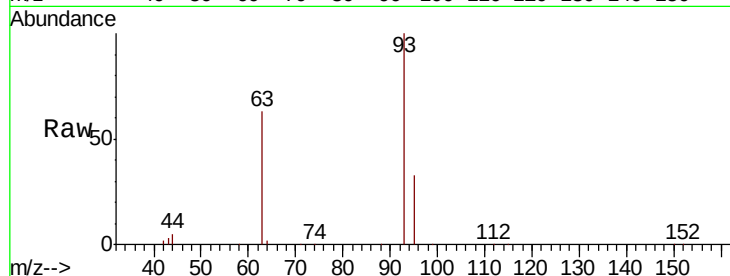
Tgt Ion: 93 Resp: 85428

Ion Ratio Lower Upper

93 100

63 70.2 55.6 83.4

95 32.7 26.7 40.1

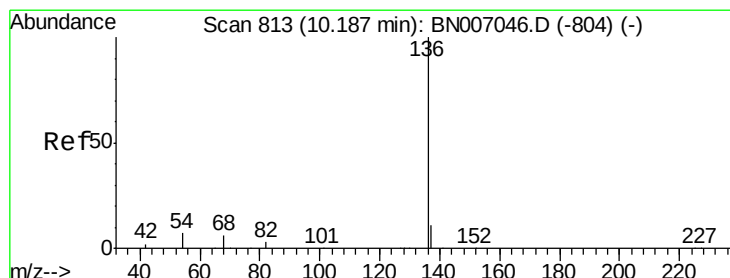
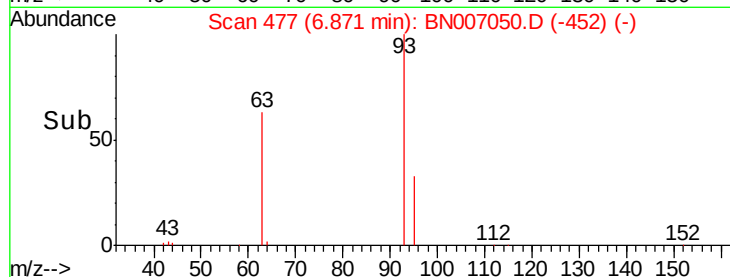
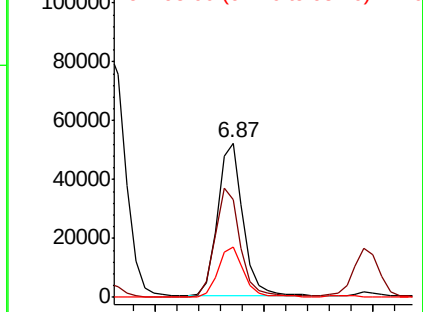


Abundance

Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007050.D

Acq: 10 Aug 2019 15:07

Tgt Ion: 136 Resp: 22800

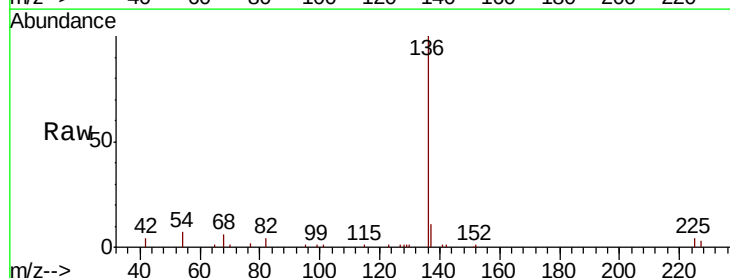
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 7.0 6.6 9.8

68 6.4 6.0 9.0



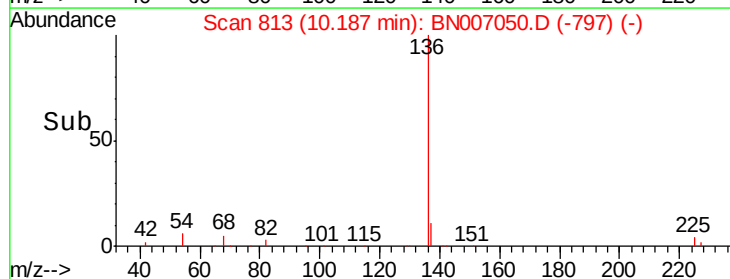
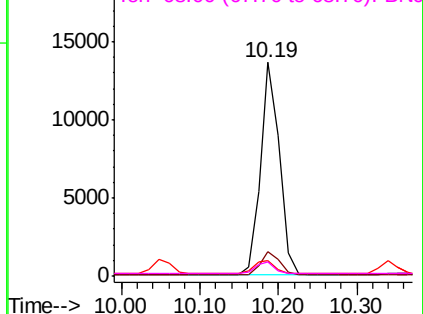
Abundance

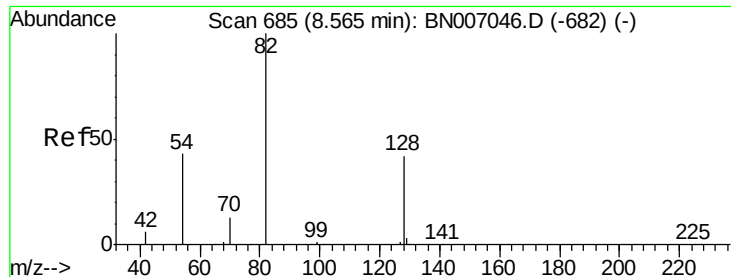
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0





#7

Nitrobenzene-d5

Concen: 5.495 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007050.D

Acq: 10 Aug 2019 15:07

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

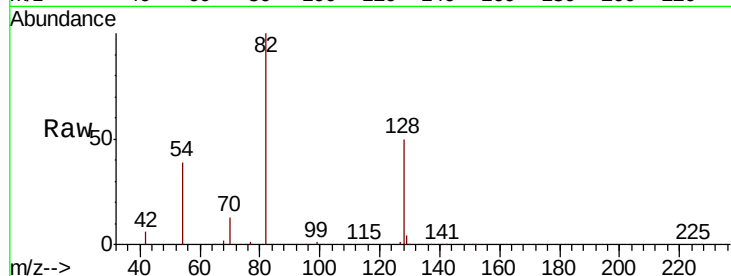
Tgt Ion: 82 Resp: 97640

Ion Ratio Lower Upper

82 100

128 50.1 34.6 51.8

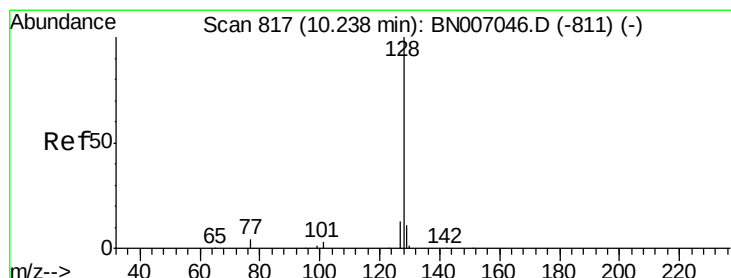
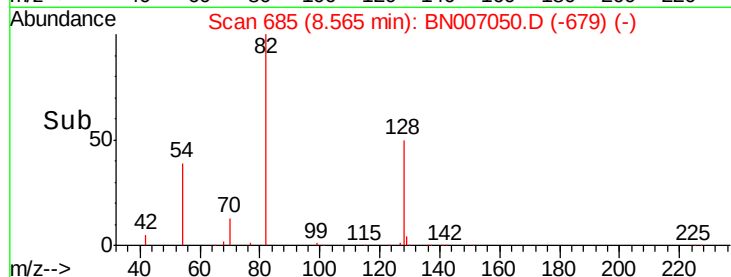
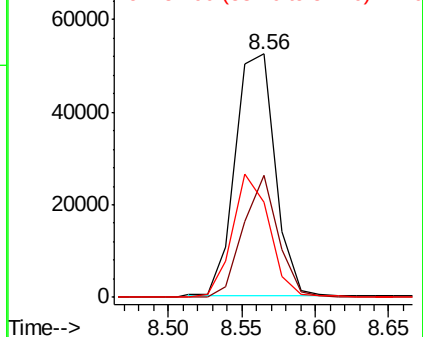
54 39.0 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BN007046.D (-682) (-)

Ion 128.00 (127.70 to 128.70): BN007046.D (-682) (-)

Ion 54.00 (53.70 to 54.70): BN007046.D (-682) (-)



#8

Naphthalene

Concen: 4.697 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007050.D

Acq: 10 Aug 2019 15:07

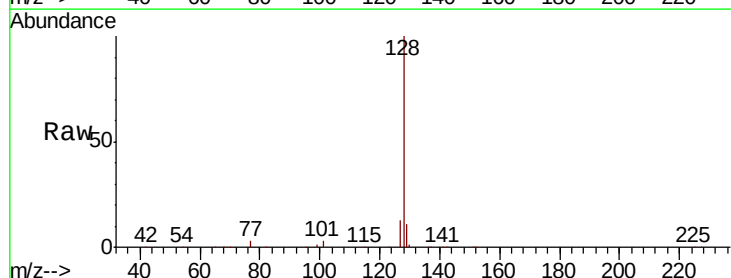
Tgt Ion: 128 Resp: 314968

Ion Ratio Lower Upper

128 100

129 10.9 9.4 14.2

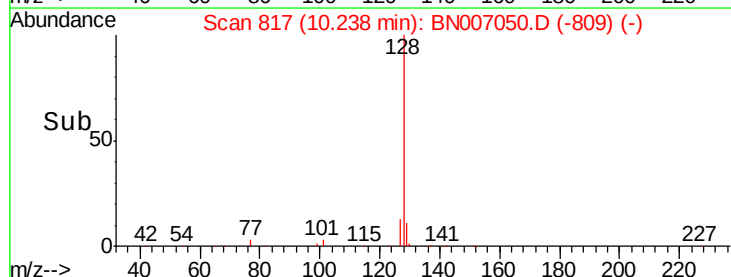
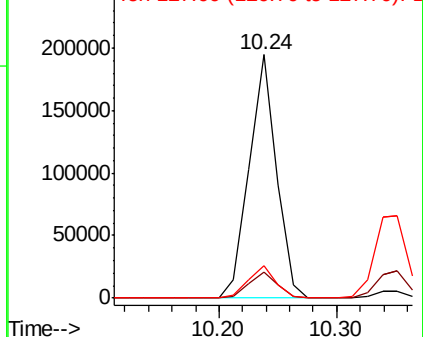
127 13.1 11.0 16.6

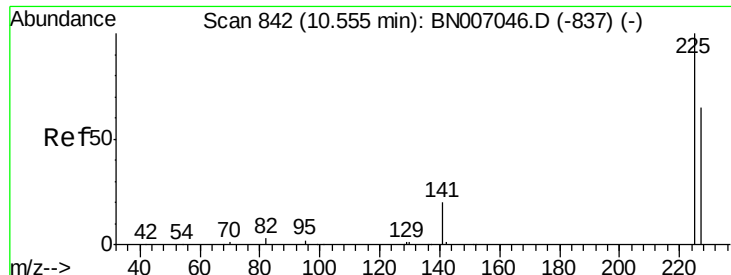


Abundance Ion 128.00 (127.70 to 128.70): BN007046.D (-811) (-)

Ion 129.00 (128.70 to 129.70): BN007046.D (-811) (-)

Ion 127.00 (126.70 to 127.70): BN007046.D (-811) (-)

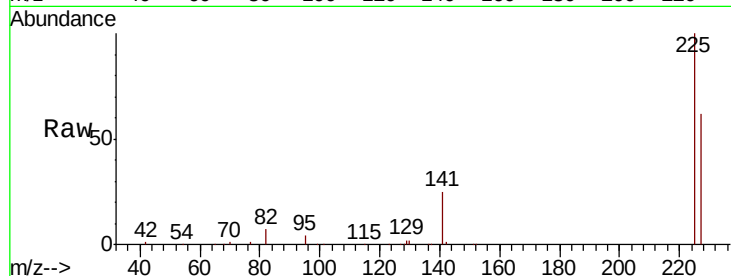




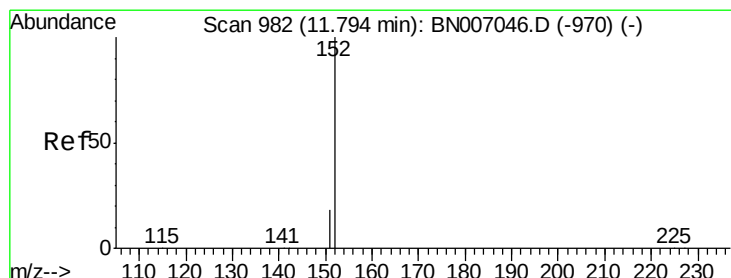
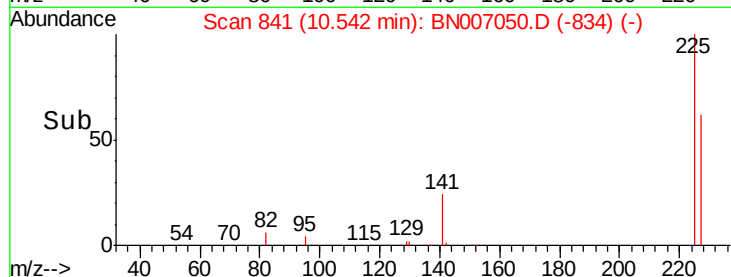
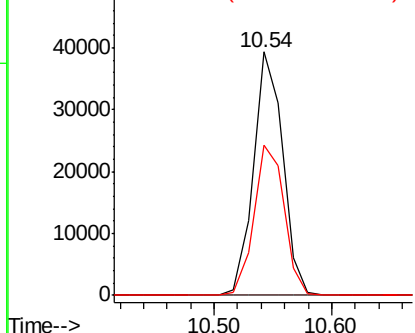
#9
Hexachlorobutadiene
Concen: 4.724 ng
RT: 10.54 min Scan# 841
Delta R.T. -0.01 min
Lab File: BN007050.D
Acq: 10 Aug 2019 15:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 225 Resp: 68154
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.6 51.1 76.7

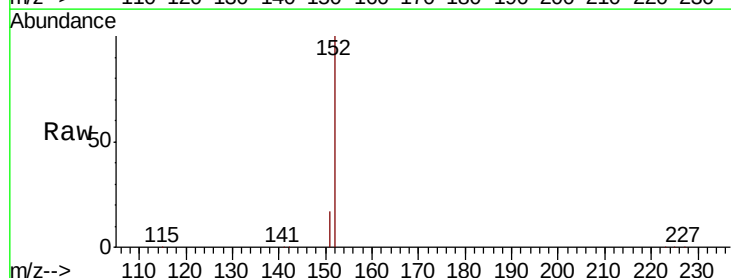


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

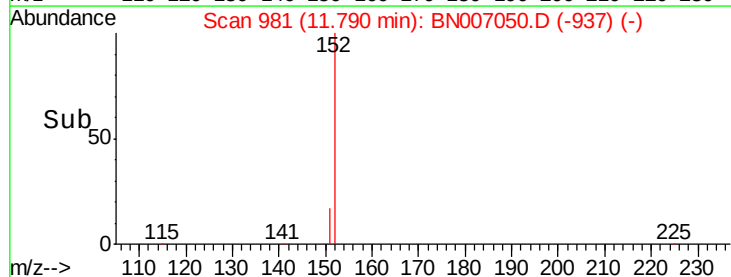
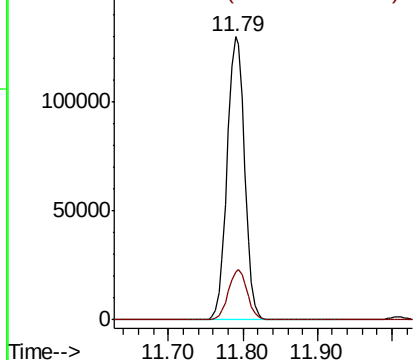


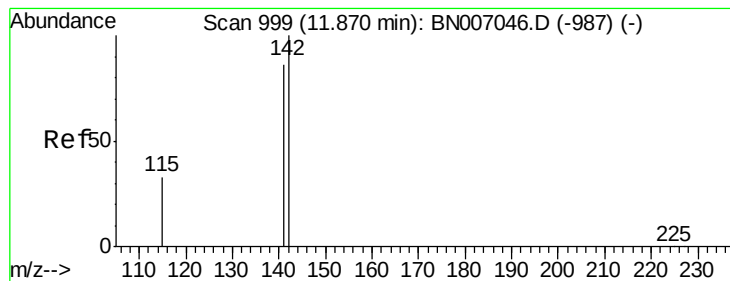
#10
2-Methylnaphthalene-d10
Concen: 4.843 ng
RT: 11.79 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN007050.D
Acq: 10 Aug 2019 15:07

Tgt Ion: 152 Resp: 212255
Ion Ratio Lower Upper
152 100
151 19.1 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: 4.803 ng

RT: 11.87 min Scan# 998

Delta R.T. -0.00 min

Lab File: BN007050.D

Acq: 10 Aug 2019 15:07

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

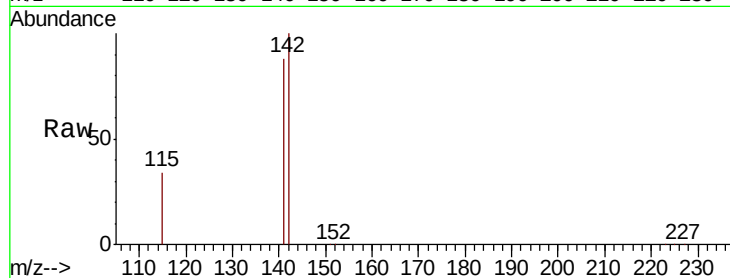
Tgt Ion:142 Resp: 224578

Ion Ratio Lower Upper

142 100

141 88.0 69.0 103.6

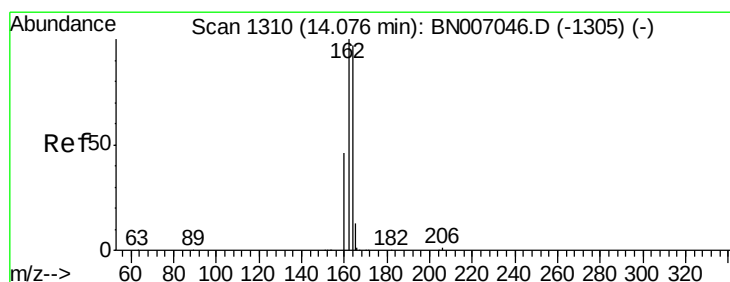
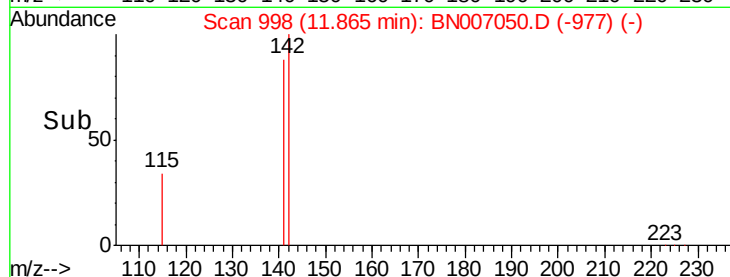
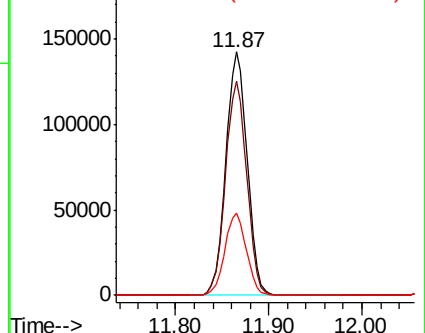
115 33.9 27.1 40.7



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: BN007050.D

Acq: 10 Aug 2019 15:07

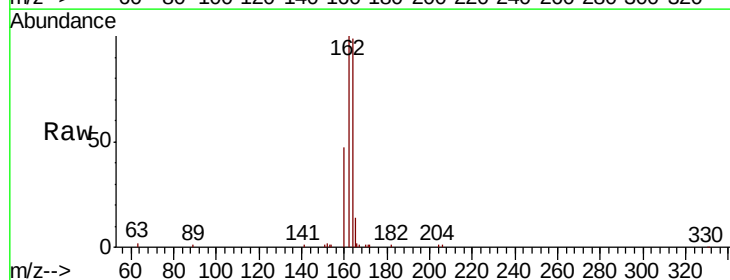
Tgt Ion:164 Resp: 13425

Ion Ratio Lower Upper

164 100

162 101.2 82.2 123.4

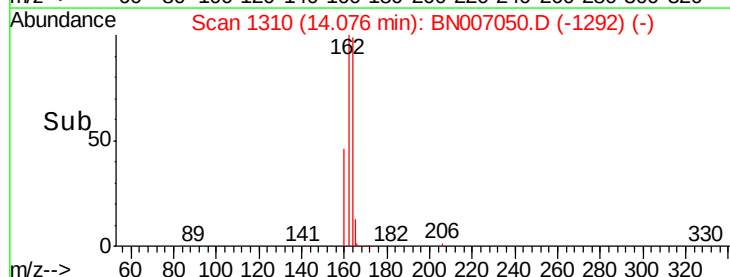
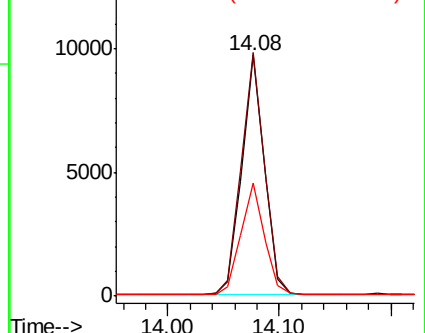
160 47.2 38.3 57.5

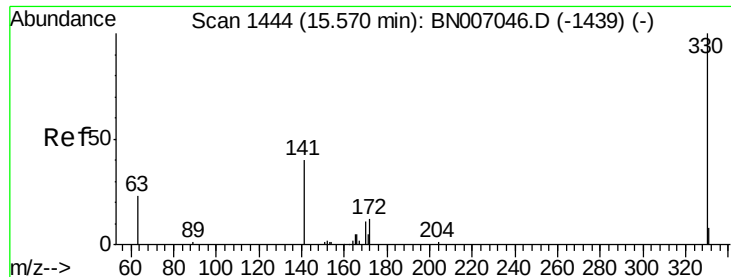


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

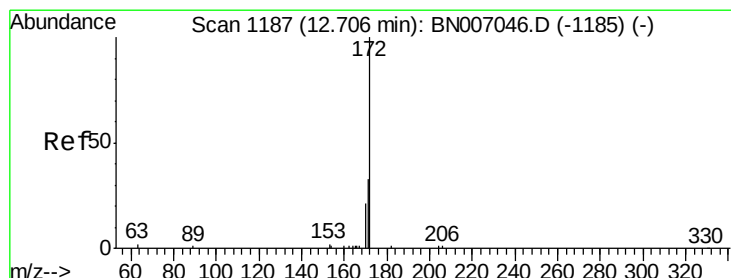
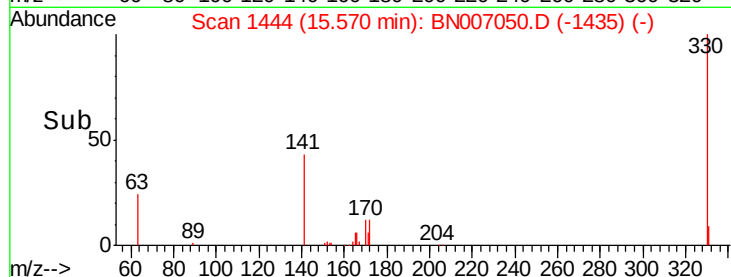
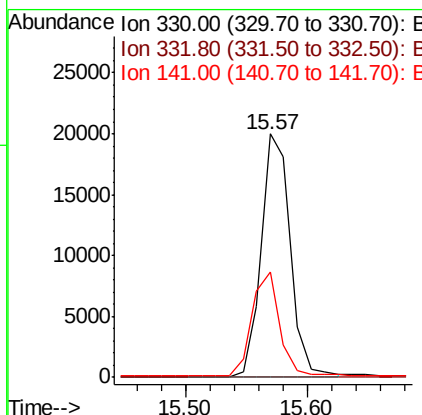
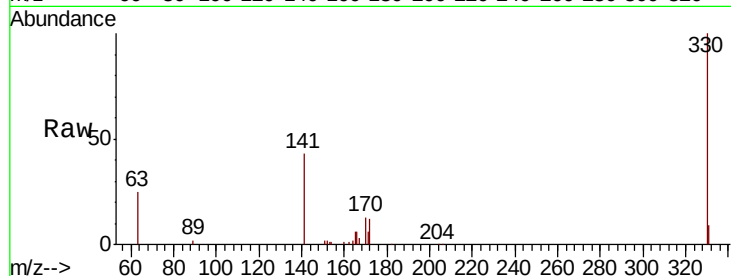




#13
 2,4,6-Tribromophenol
 Concen: 5.221 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007050.D
 Acq: 10 Aug 2019 15:07

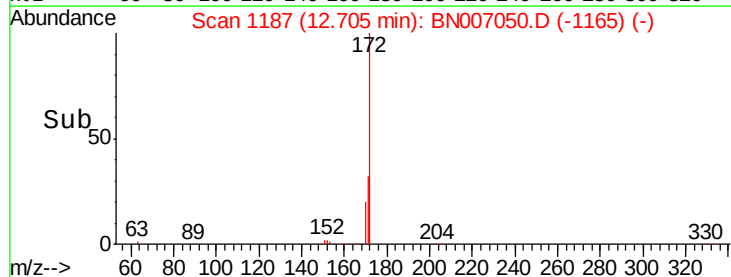
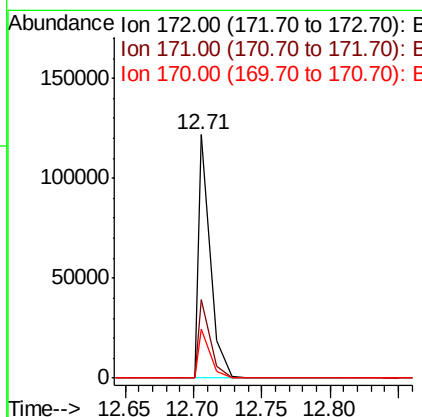
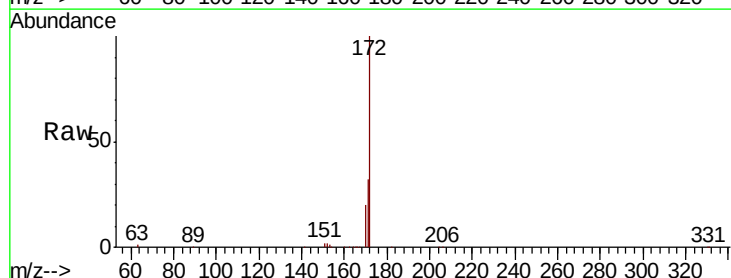
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

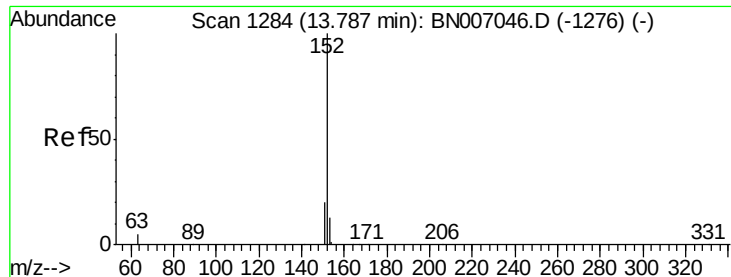
Tgt Ion:330 Resp: 33077
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.7 33.6 50.4



#14
 2-Fluorobiphenyl
 Concen: 3.809 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007050.D
 Acq: 10 Aug 2019 15:07

Tgt Ion:172 Resp: 84887
 Ion Ratio Lower Upper
 172 100
 171 32.1 26.3 39.5
 170 20.1 17.0 25.4





#15

Acenaphthylene

Concen: 5.369 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007050.D

Acq: 10 Aug 2019 15:07

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

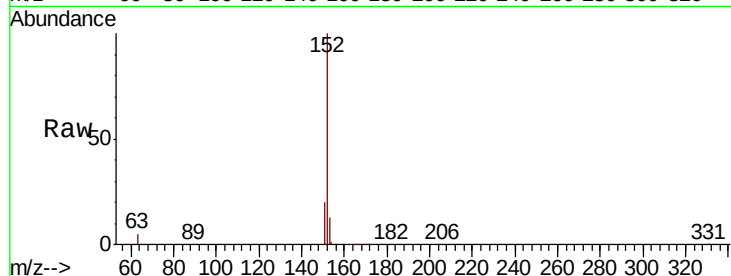
Tgt Ion:152 Resp: 378832

Ion Ratio Lower Upper

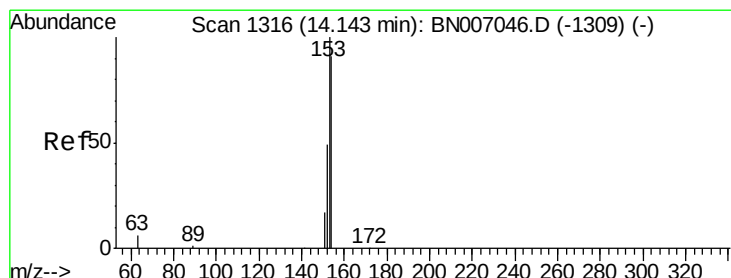
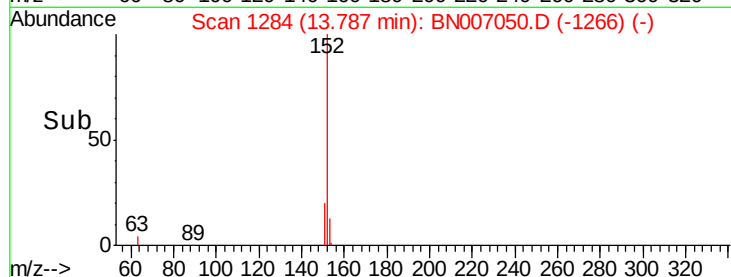
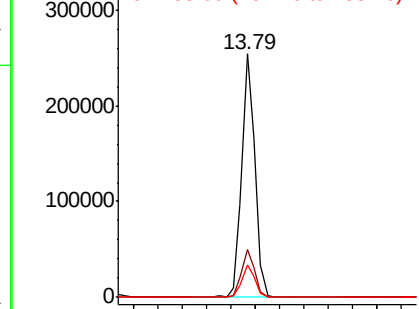
152 100

151 19.6 15.8 23.6

153 13.1 10.4 15.6



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



#16

Acenaphthene

Concen: 5.079 ng

RT: 14.14 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BN007050.D

Acq: 10 Aug 2019 15:07

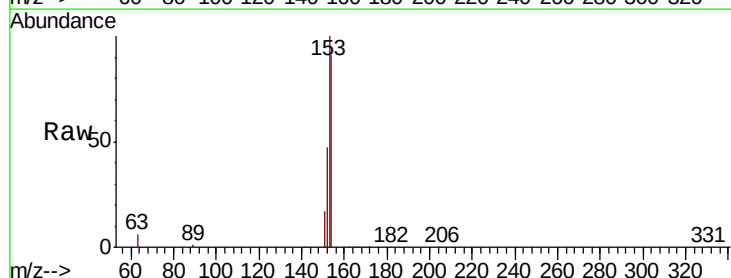
Tgt Ion:154 Resp: 231720

Ion Ratio Lower Upper

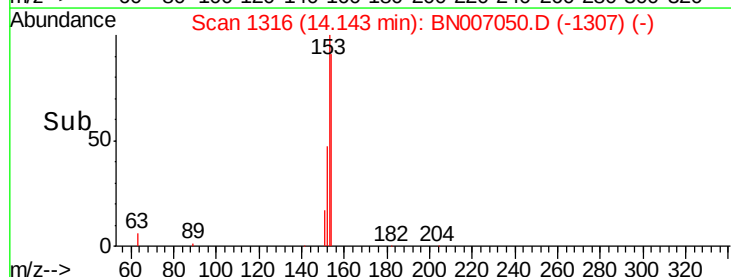
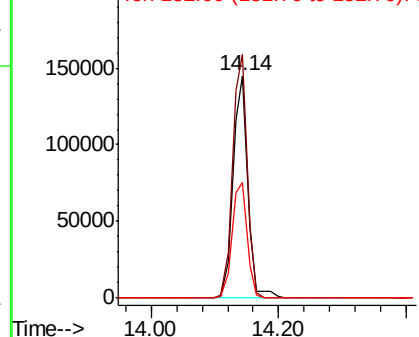
154 100

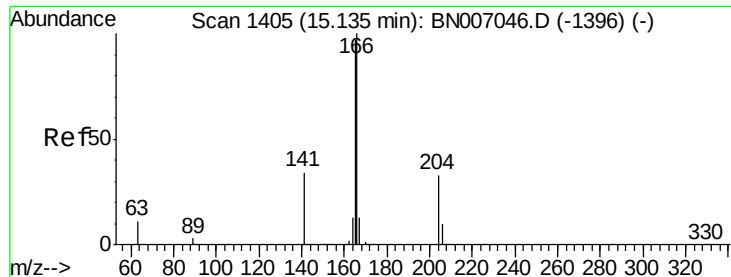
153 108.3 89.5 134.3

152 53.1 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

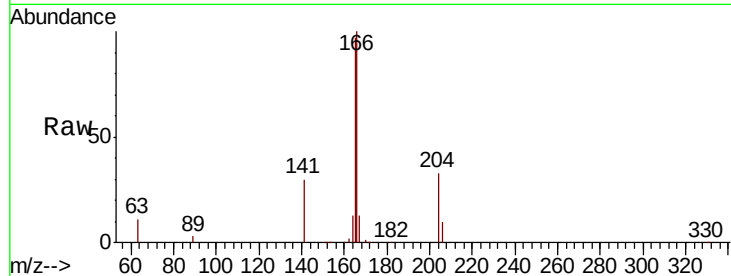




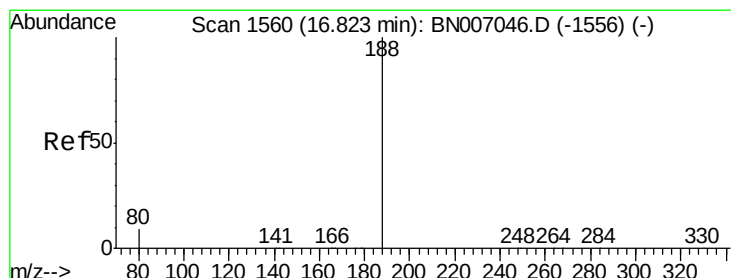
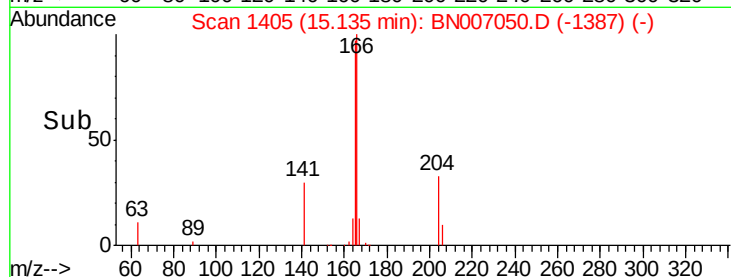
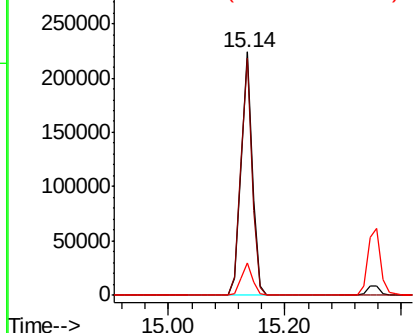
#17
Fluorene
 Concen: 4.596 ng
 RT: 15.14 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BN007050.D
 Acq: 10 Aug 2019 15:07

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.9	116.9
167	13.4	10.9	16.3

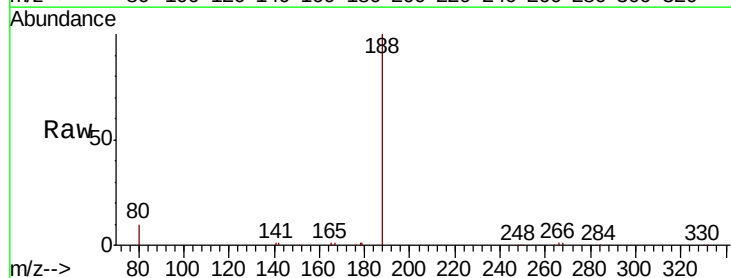


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

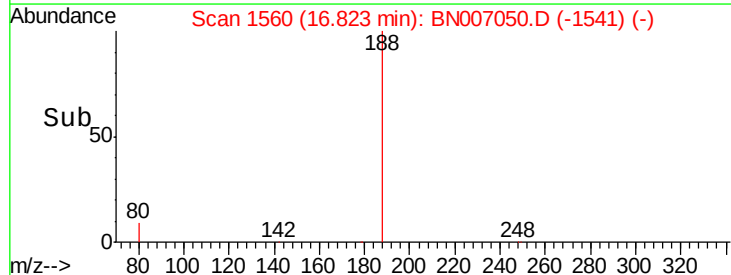
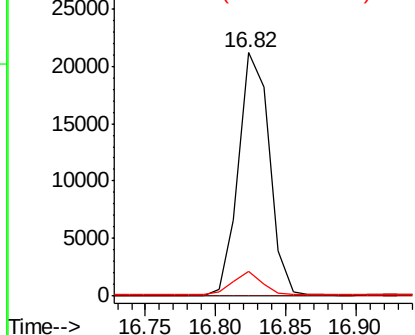


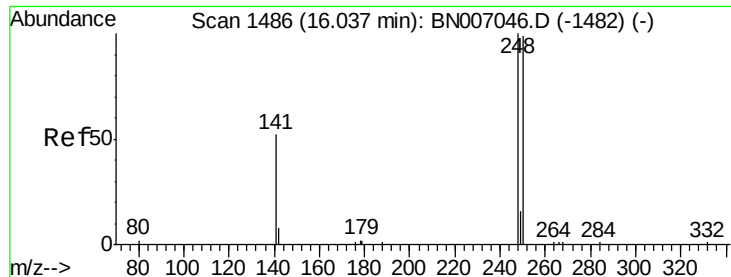
#18
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.82 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BN007050.D
 Acq: 10 Aug 2019 15:07

Tgt 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

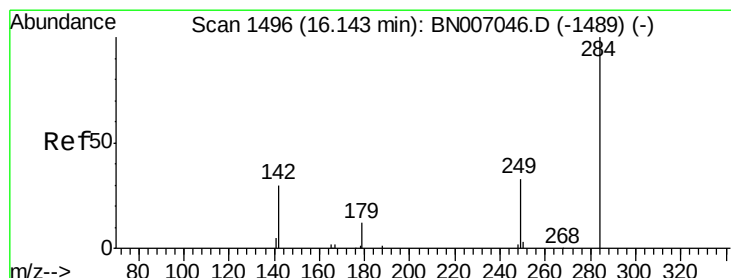
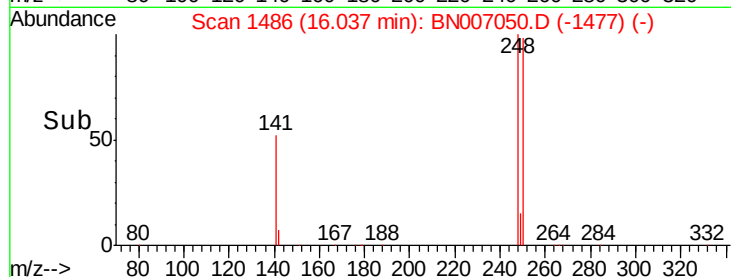
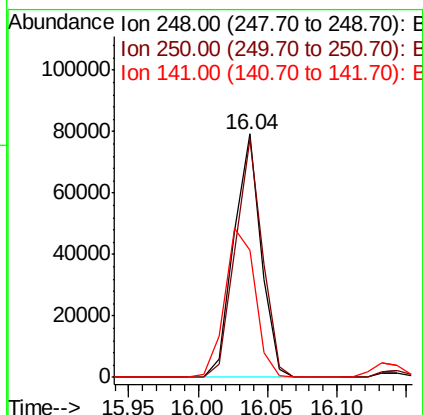
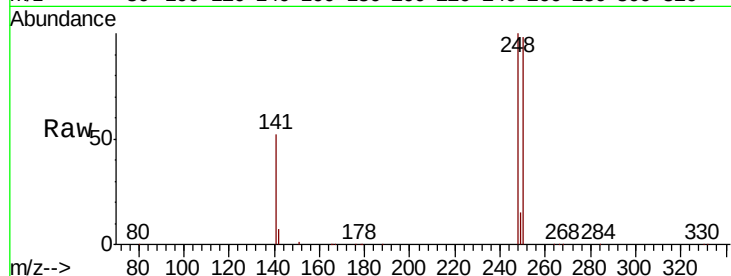




#19
4-Bromophenyl-phenylether
Concen: 5.053 ng
RT: 16.04 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BN007050.D
Acq: 10 Aug 2019 15:07

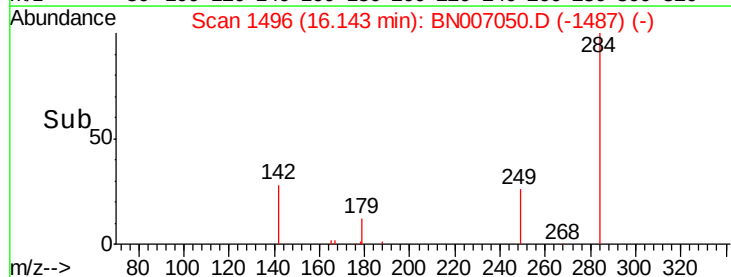
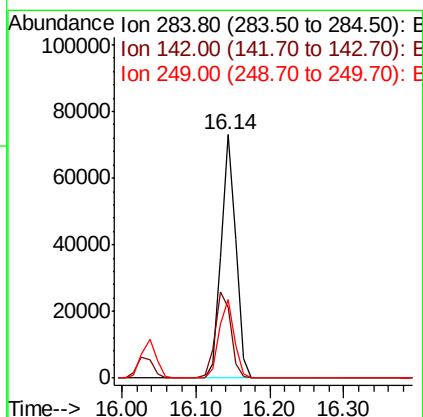
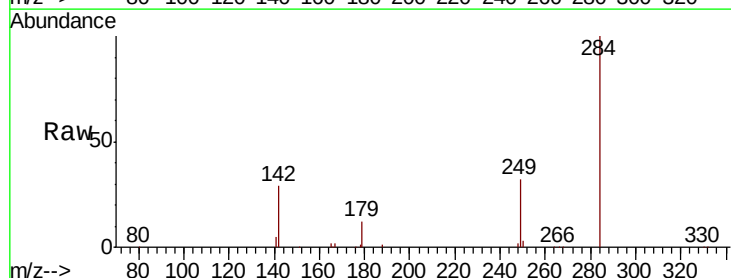
Instrument :
BNA_N
ClientSampled :
SSTDICC5.0

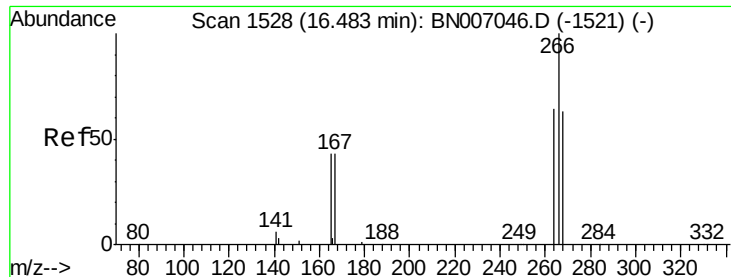
Tgt Ion:248 Resp: 108356
Ion Ratio Lower Upper
248 100
250 98.0 78.9 118.3
141 52.4 43.3 64.9



#20
Hexachlorobenzene
Concen: 5.126 ng
RT: 16.14 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN007050.D
Acq: 10 Aug 2019 15:07

Tgt Ion:284 Resp: 102697
Ion Ratio Lower Upper
284 100
142 38.0 30.5 45.7
249 33.3 26.7 40.1

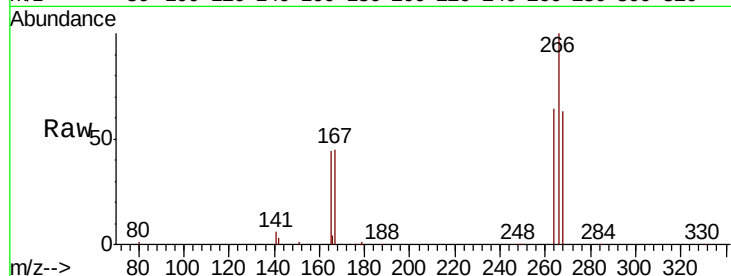




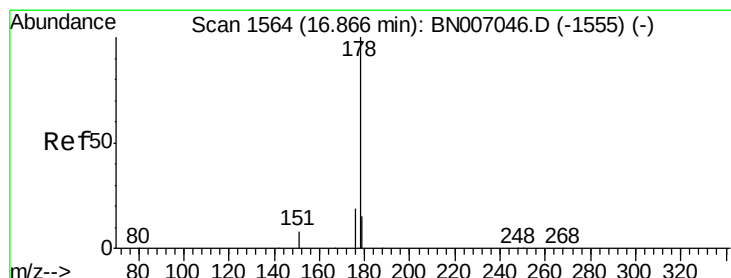
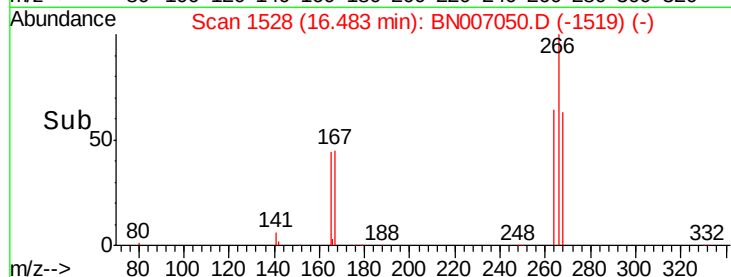
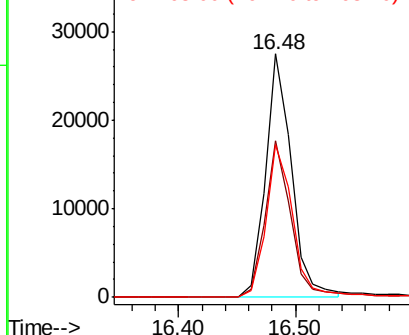
#21
 Pentachlorophenol
 Concen: 6.054 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007050.D
 Acq: 10 Aug 2019 15:07

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Tgt Ion:266 Resp: 42210
 Ion Ratio Lower Upper
 266 100
 264 64.1 52.3 78.5
 268 62.7 51.5 77.3

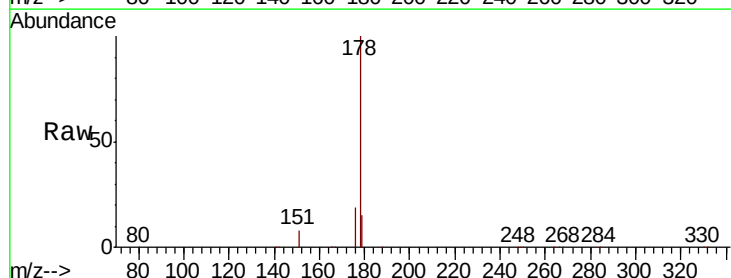


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

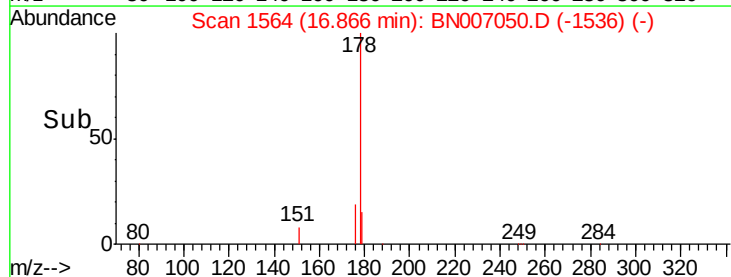
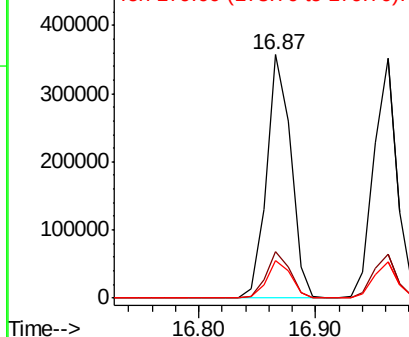


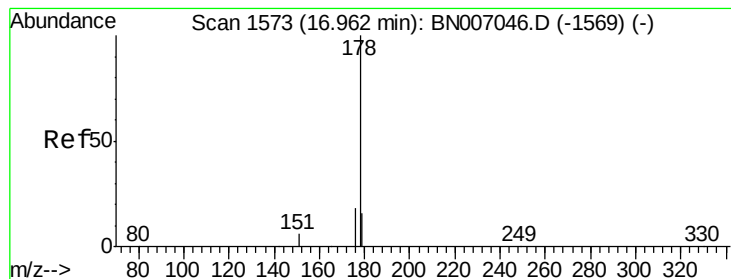
#22
 Phenanthrene
 Concen: 5.090 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007050.D
 Acq: 10 Aug 2019 15:07

Tgt Ion:178 Resp: 514956
 Ion Ratio Lower Upper
 178 100
 176 18.9 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: 5.551 ng

RT: 16.96 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN007050.D

Acq: 10 Aug 2019 15:07

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

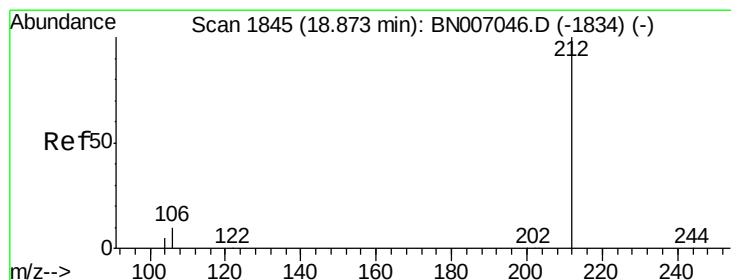
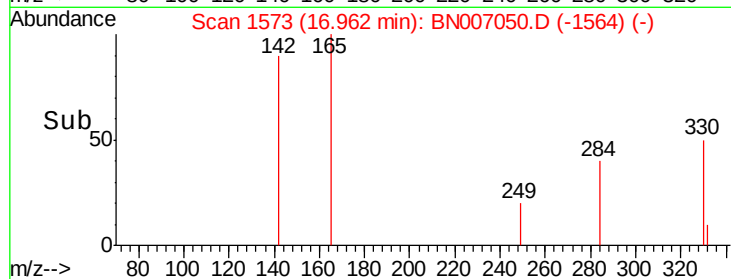
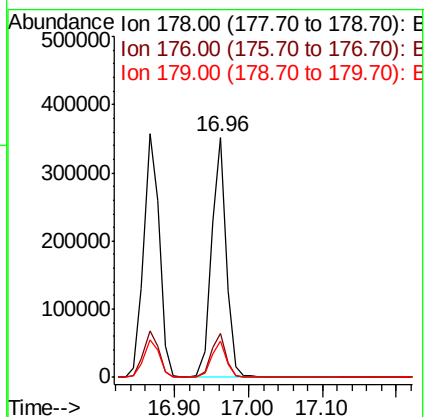
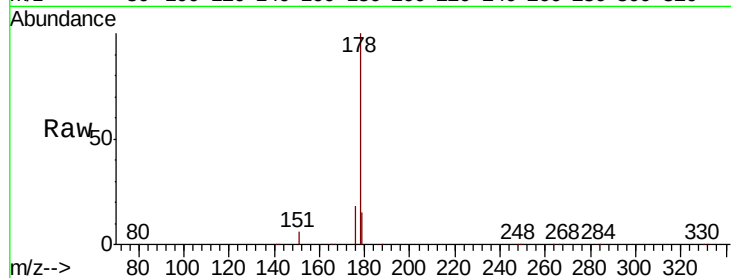
Tgt Ion:178 Resp: 489540

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

179 15.3 12.5 18.7



#24

Fluoranthene-d10

Concen: 5.039 ng

RT: 18.87 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BN007050.D

Acq: 10 Aug 2019 15:07

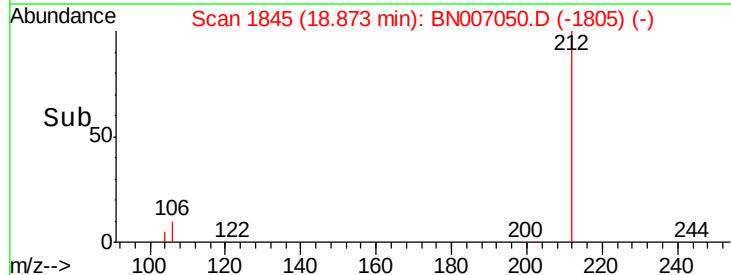
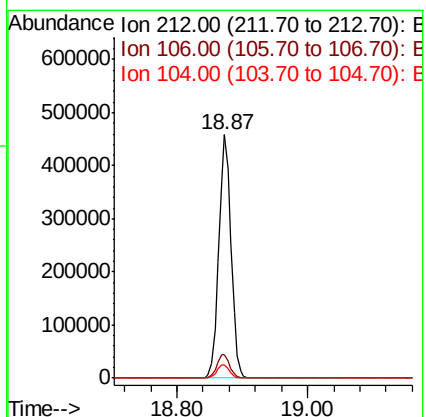
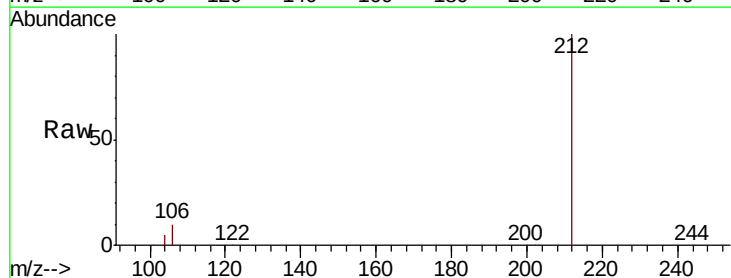
Tgt Ion:212 Resp: 599988

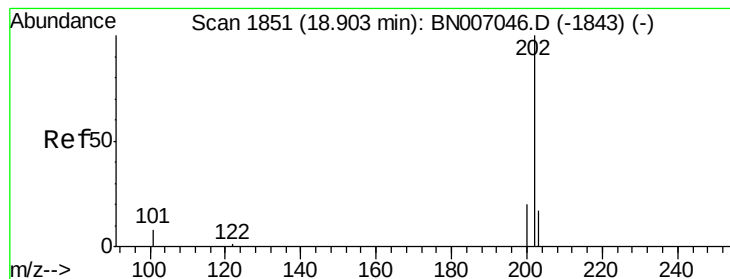
Ion Ratio Lower Upper

212 100

106 10.1 8.2 12.2

104 5.5 4.5 6.7





#25

Fluoranthene

Concen: 4.924 ng

RT: 18.90 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN007050.D

Acq: 10 Aug 2019 15:07

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

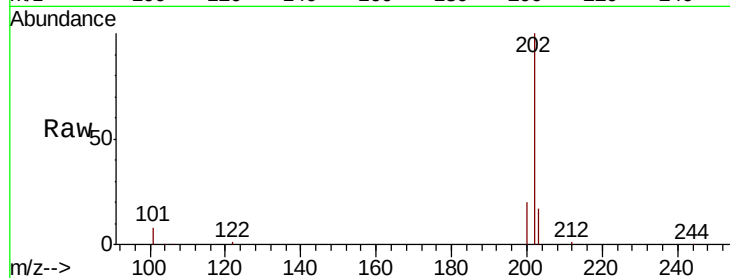
Tgt Ion:202 Resp: 639713

Ion Ratio Lower Upper

202 100

101 8.7 7.0 10.4

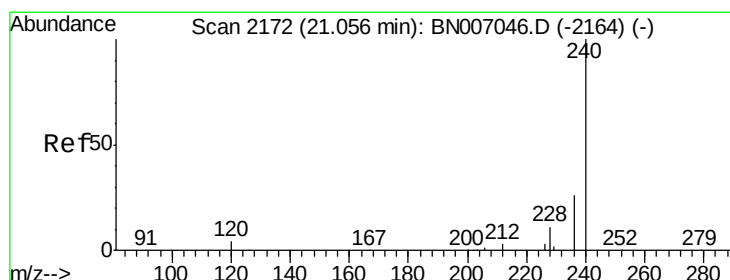
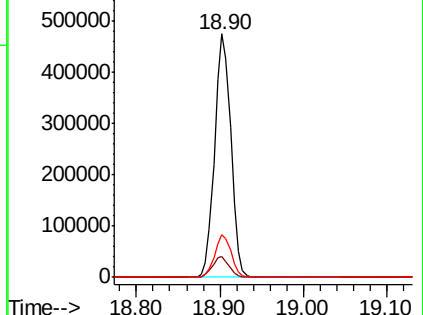
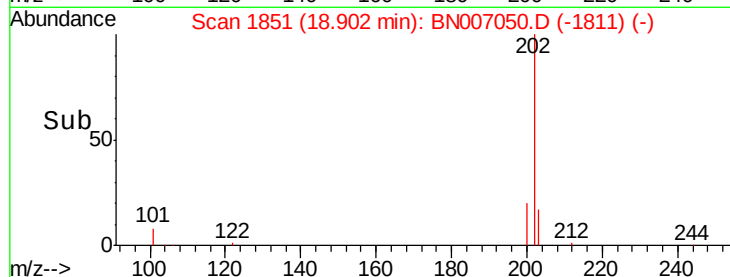
203 17.5 13.8 20.8



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: 21.06 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN007050.D

Acq: 10 Aug 2019 15:07

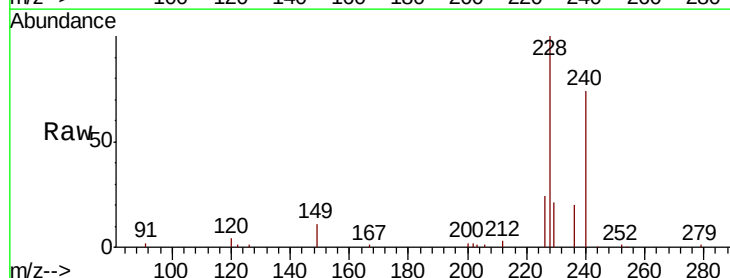
Tgt Ion:240 Resp: 35972

Ion Ratio Lower Upper

240 100

120 5.0 4.0 6.0

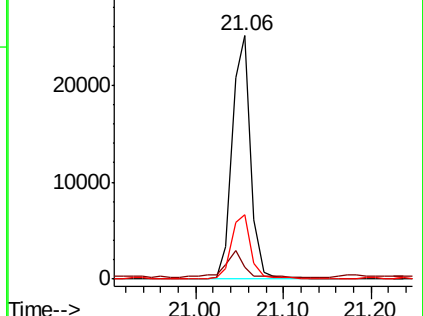
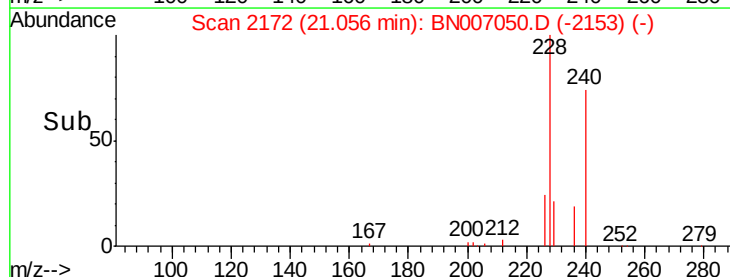
236 26.3 21.3 31.9

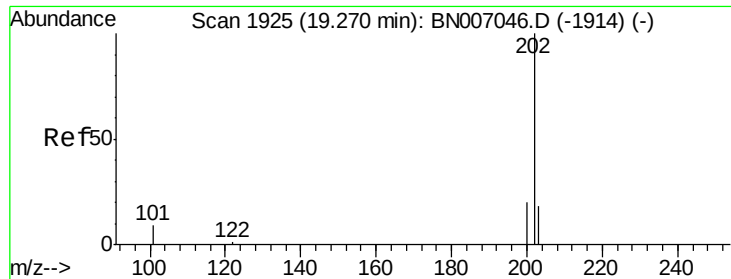


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

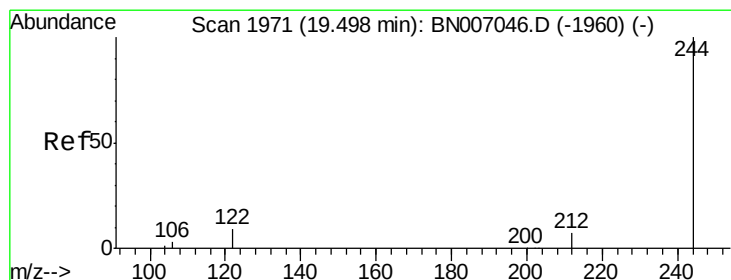
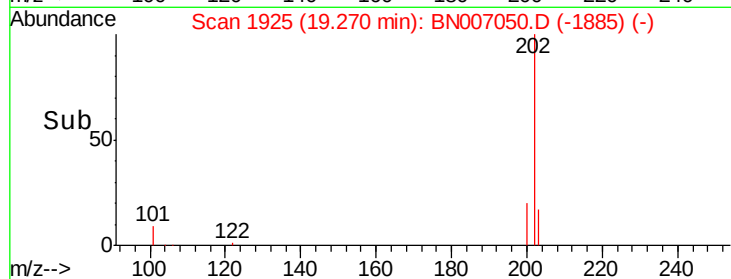
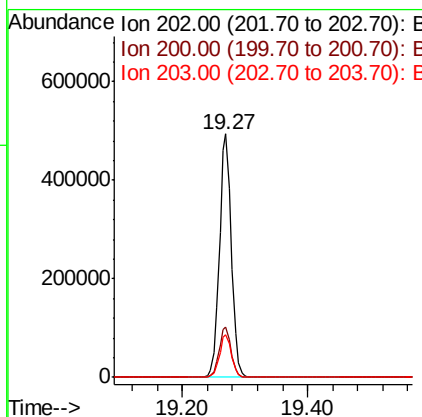
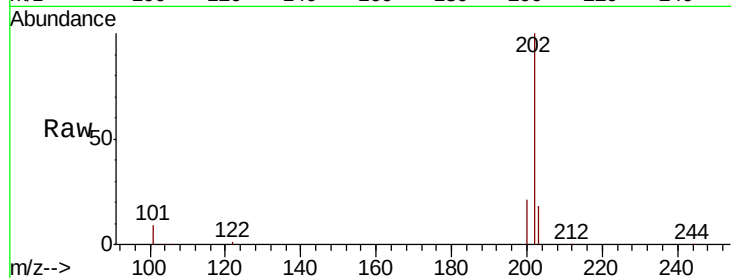




#27
 Pyrene
 Concen: 4.814 ng
 RT: 19.27 min Scan# 1925
 Delta R.T. -0.00 min
 Lab File: BN007050.D
 Acq: 10 Aug 2019 15:07

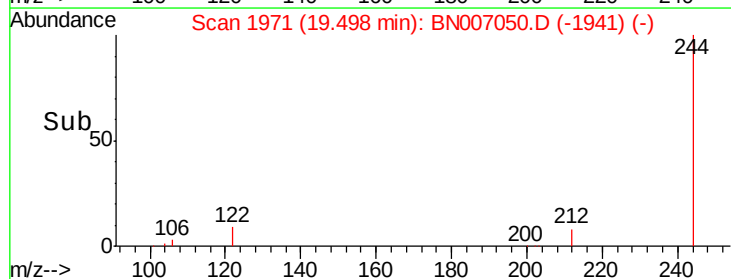
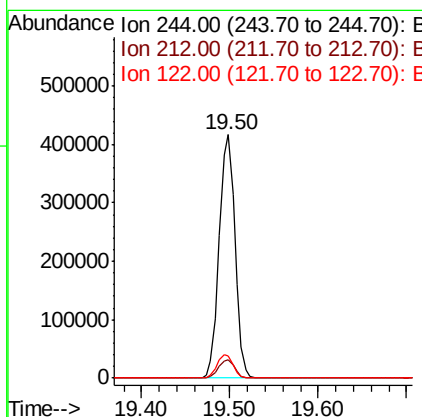
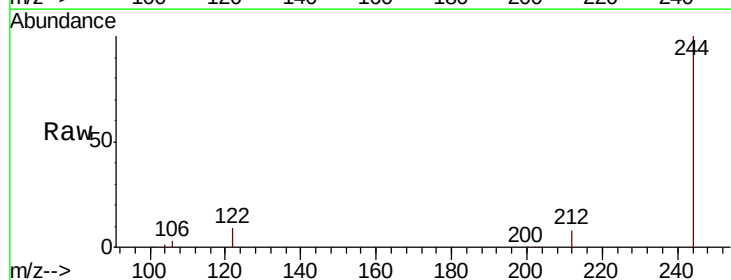
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

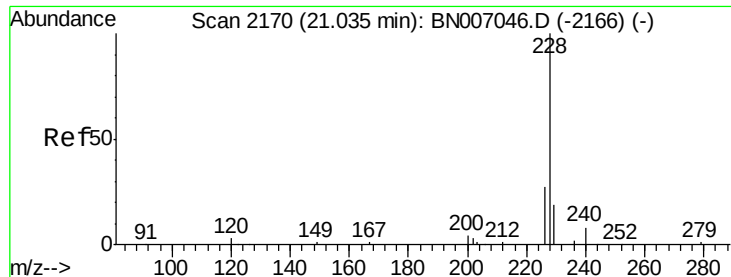
Tgt Ion: 202 Resp: 654080
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.6 24.8
 203 17.6 14.0 21.0



#28
 Terphenyl-d14
 Concen: 4.953 ng
 RT: 19.50 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BN007050.D
 Acq: 10 Aug 2019 15:07

Tgt Ion: 244 Resp: 515120
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 8.9 7.4 11.2





#29

Benzo(a)anthracene

Concen: 5.253 ng

RT: 21.03 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BN007050.D

Acq: 10 Aug 2019 15:07

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

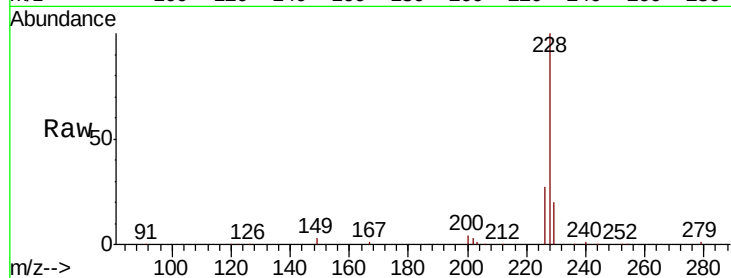
Tgt Ion:228 Resp: 715450

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.6

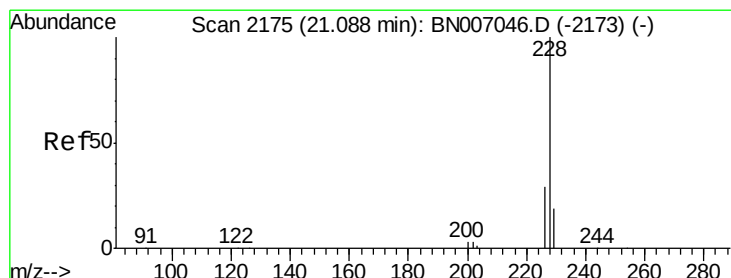
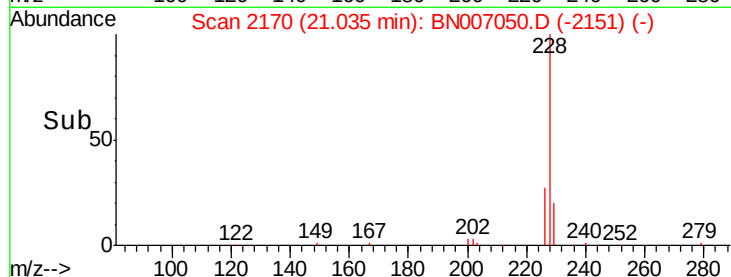
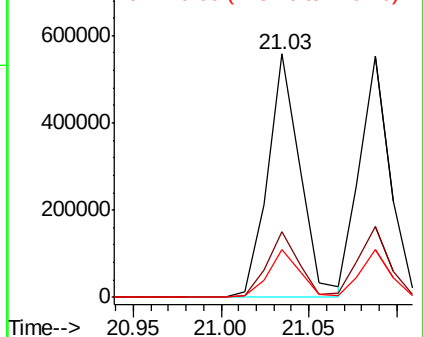
229 19.7 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Chrysene

Concen: 4.957 ng

RT: 21.09 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BN007050.D

Acq: 10 Aug 2019 15:07

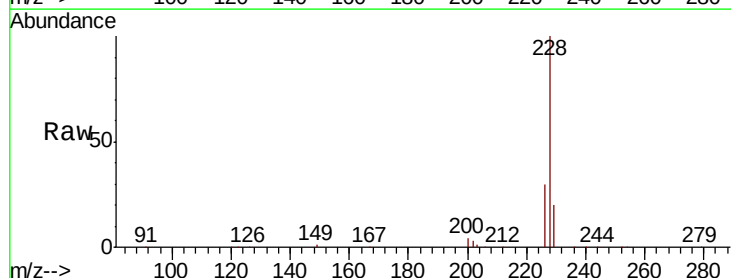
Tgt Ion:228 Resp: 667631

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.6

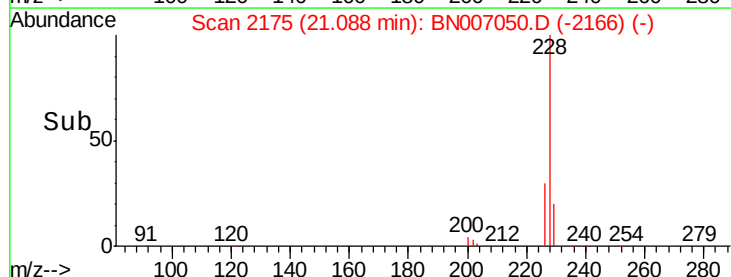
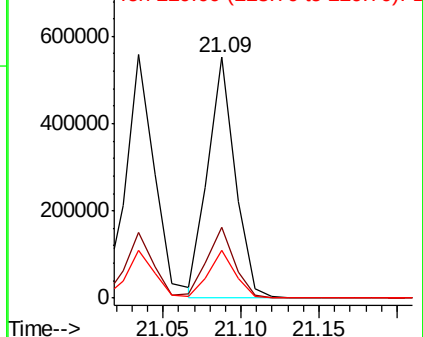
229 19.6 15.7 23.5

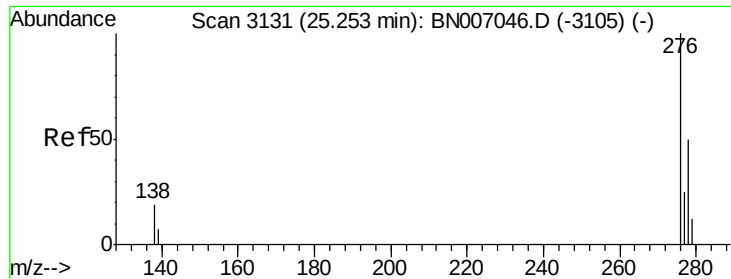


Abundance Ion 228.00 (227.70 to 228.70): E

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: 5.253 ng

RT: 25.25 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BN007050.D

Acq: 10 Aug 2019 15:07

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

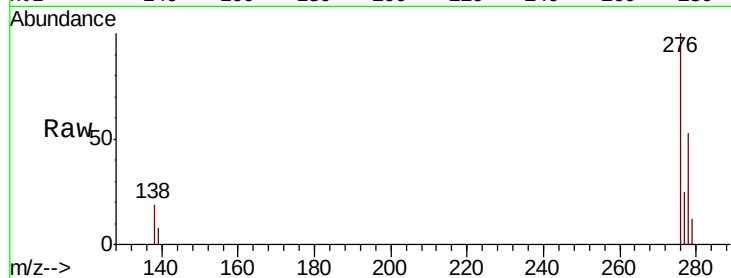
Tgt Ion: 276 Resp: 756413

Ion Ratio Lower Upper

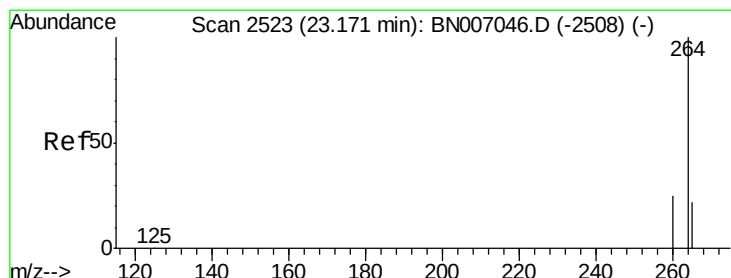
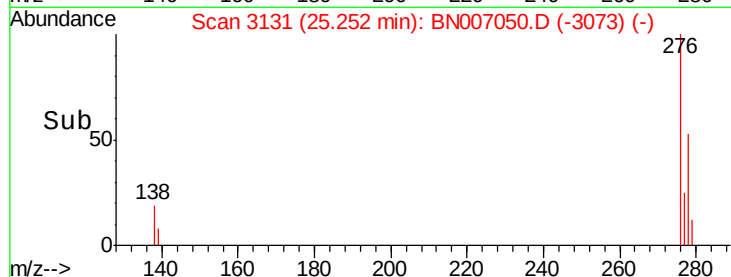
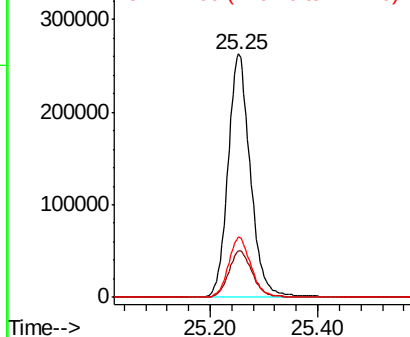
276 100

138 20.2 16.0 24.0

277 25.1 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: 23.17 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BN007050.D

Acq: 10 Aug 2019 15:07

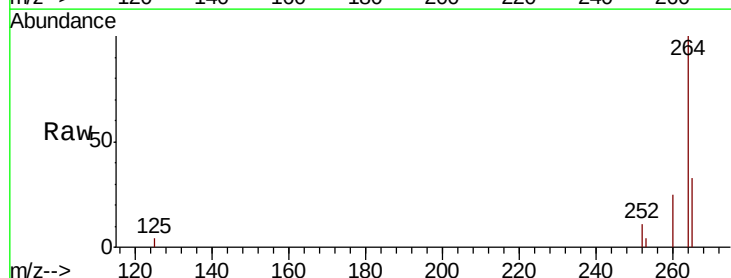
Tgt Ion: 264 Resp: 35647

Ion Ratio Lower Upper

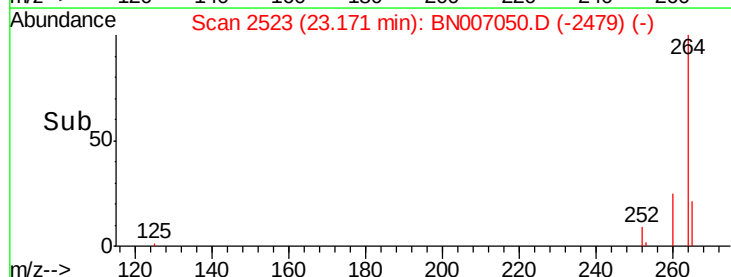
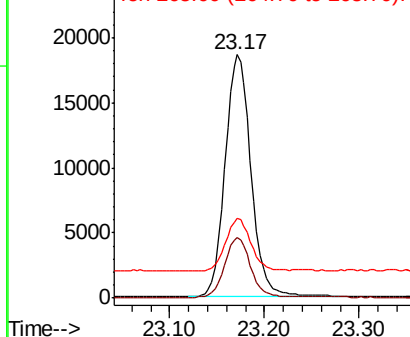
264 100

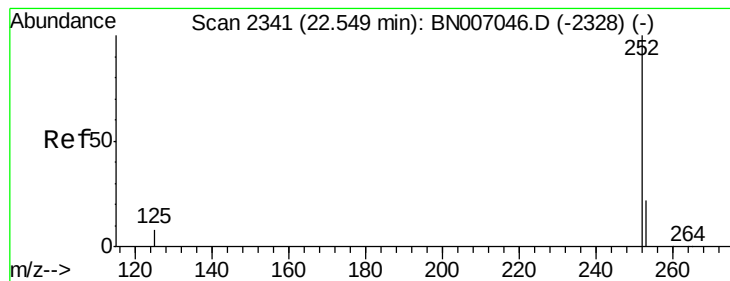
260 25.0 19.8 29.8

265 32.6 26.2 39.4



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





#33

Benzo(b)fluoranthene

Concen: 5.420 ng

RT: 22.55 min Scan# 2341

Delta R.T. -0.00 min

Lab File: BN007050.D

Acq: 10 Aug 2019 15:07

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

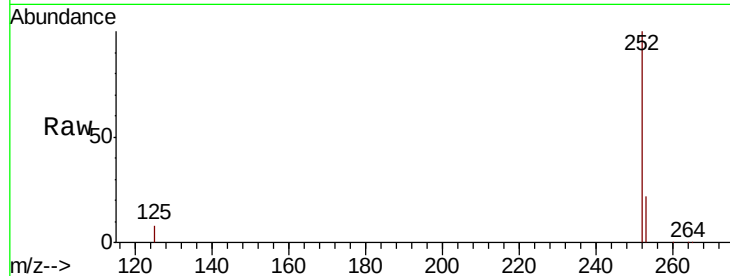
Tgt Ion:252 Resp: 672585

Ion Ratio Lower Upper

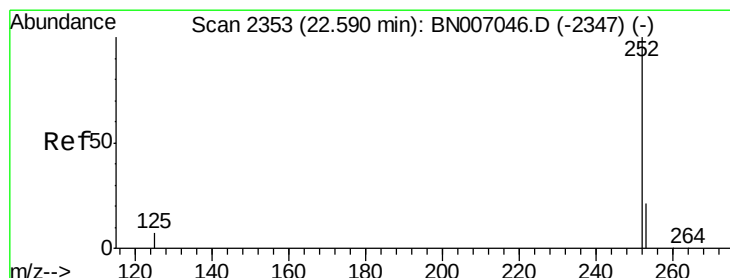
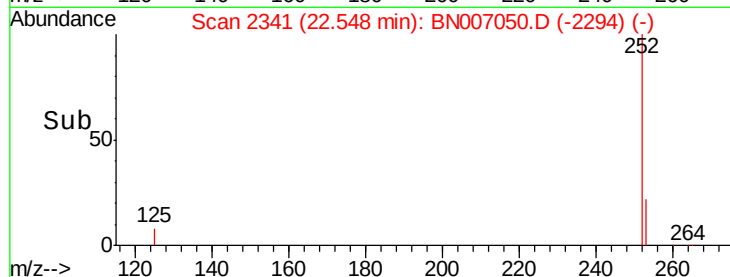
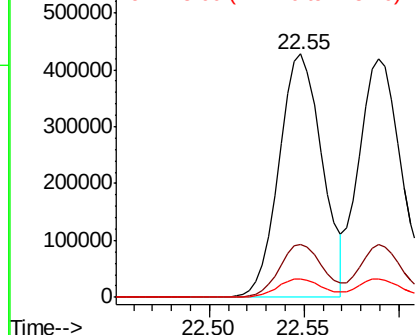
252 100

253 22.0 18.2 27.2

125 7.7 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: 5.459 ng

RT: 22.59 min Scan# 2353

Delta R.T. -0.00 min

Lab File: BN007050.D

Acq: 10 Aug 2019 15:07

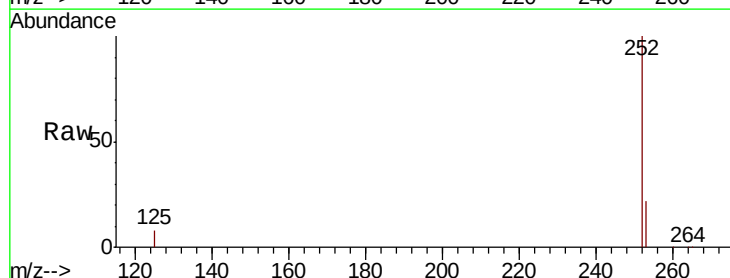
Tgt Ion:252 Resp: 677480

Ion Ratio Lower Upper

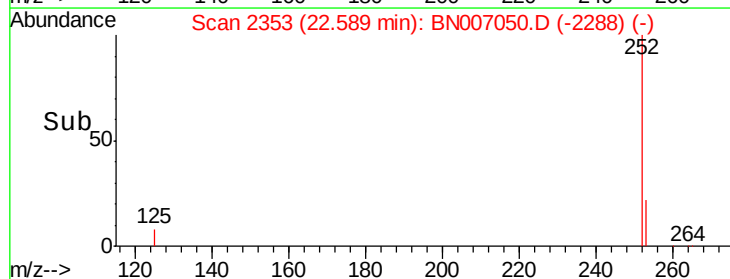
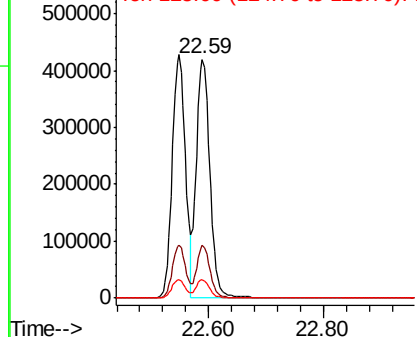
252 100

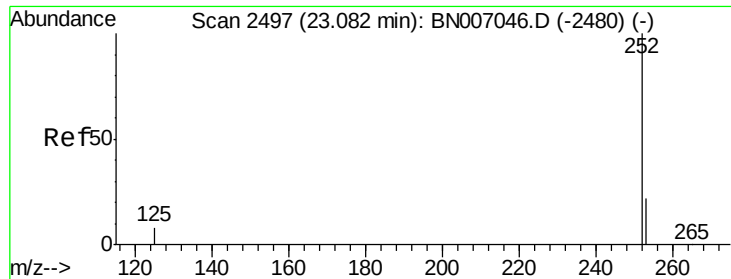
253 22.0 18.1 27.1

125 7.8 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: 5.572 ng

RT: 23.08 min Scan# 2496

Delta R.T. -0.00 min

Lab File: BN007050.D

Acq: 10 Aug 2019 15:07

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

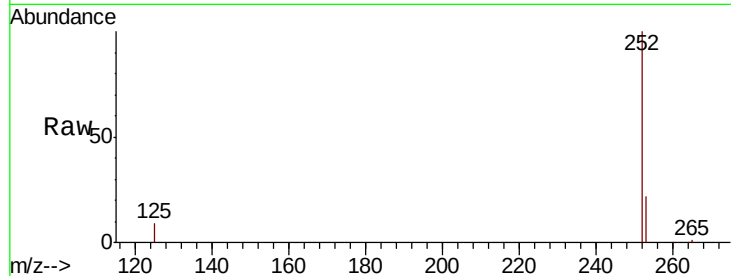
Tgt Ion:252 Resp: 623607

Ion Ratio Lower Upper

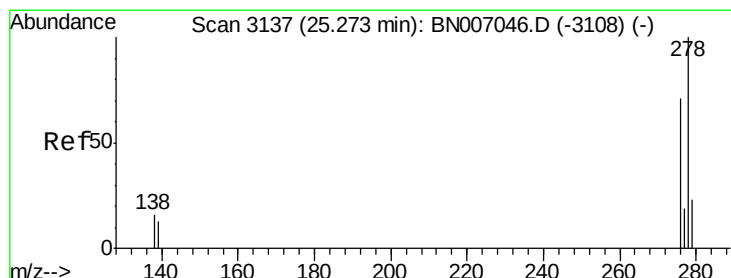
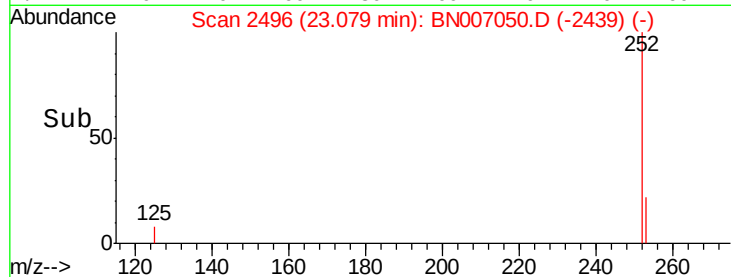
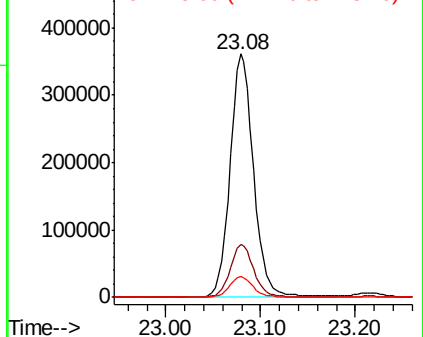
252 100

253 21.8 18.5 27.7

125 8.6 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: 5.497 ng

RT: 25.27 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BN007050.D

Acq: 10 Aug 2019 15:07

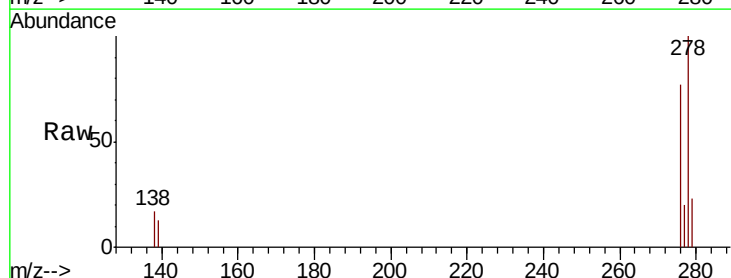
Tgt Ion:278 Resp: 613045

Ion Ratio Lower Upper

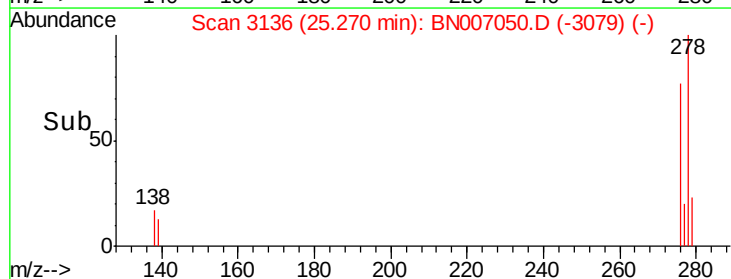
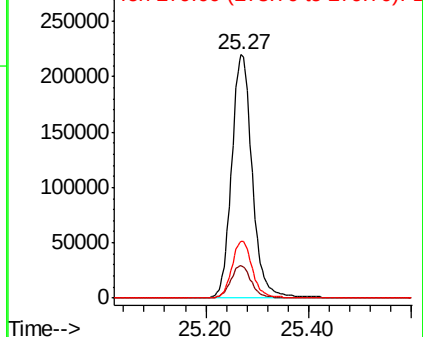
278 100

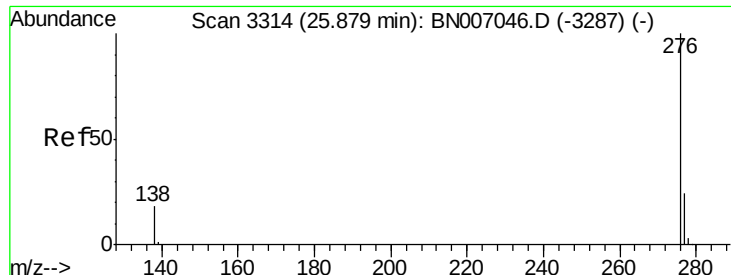
139 13.3 11.3 16.9

279 23.3 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 5.347 ng

RT: 25.88 min Scan# 3314

Delta R.T. -0.00 min

Lab File: BN007050.D

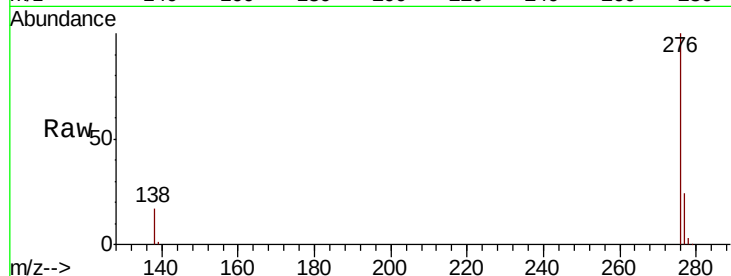
Acq: 10 Aug 2019 15:07

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0



Tgt Ion: 276 Resp: 623089

Ion Ratio Lower Upper

276 100

277 23.8 19.8 29.8

138 17.4 14.6 22.0

