

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
 Data File : BN007110.D
 Acq On : 12 Aug 2019 23:42
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 13 04:17:53 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	8922	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	33398	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	18713	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	43991	0.40	ng	0.00
26) Chrysene-d12	21.05	240	45189	0.40	ng	-0.01
32) Perylene-d12	23.15	264	49461	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	8390	0.39	ng	0.00
4) Phenol-d6	6.61	99	10676	0.40	ng	0.00
7) Nitrobenzene-d5	8.56	82	10148	0.38	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	23003	0.37	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	2915	0.29	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	5839	0.21	ng	0.00
24) Fluoranthene-d10	18.87	212	54701	0.35	ng	0.00
28) Terphenyl-d14	19.49	244	47778	0.39	ng	-0.01

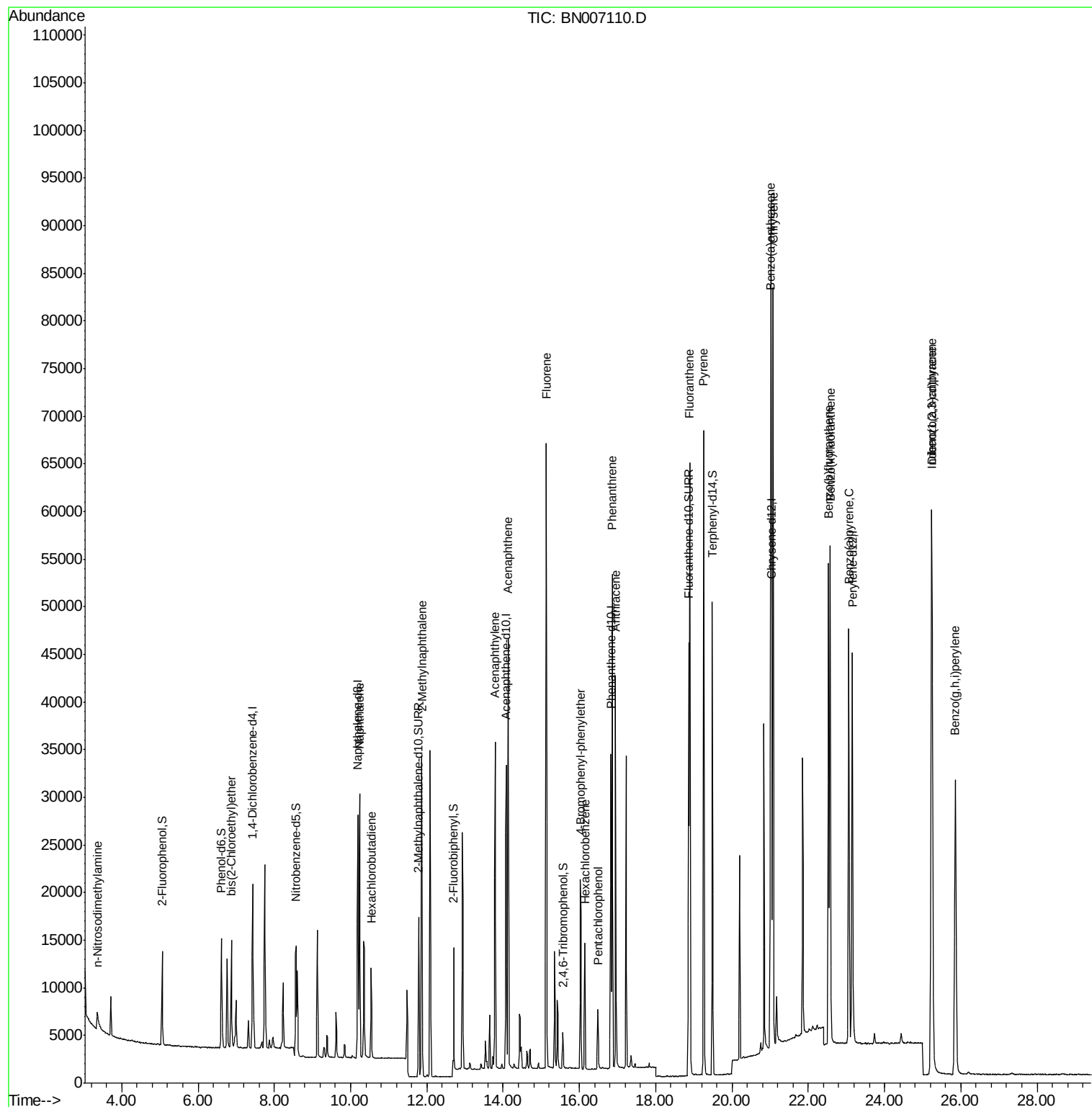
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.36	42	1998	0.340	ng	# 99
5) bis(2-Chloroethyl)ether	6.87	93	9251	0.394	ng	99
8) Naphthalene	10.24	128	35358	0.378	ng	98
9) Hexachlorobutadiene	10.54	225	7641	0.383	ng	# 100
11) 2-Methylnaphthalene	11.87	142	24702	0.372	ng	99
15) Acenaphthylene	13.79	152	37196	0.380	ng	100
16) Acenaphthene	14.13	154	23460	0.374	ng	100
17) Fluorene	15.13	166	30152	0.322	ng	99
19) 4-Bromophenyl-phenylether	16.03	248	10780	0.396	ng	# 84
20) Hexachlorobenzene	16.14	284	10842	0.414	ng	99
21) Pentachlorophenol	16.48	266	3324	0.341	ng	98
22) Phenanthrene	16.87	178	51020	0.387	ng	100
23) Anthracene	16.95	178	45027	0.374	ng	100
25) Fluoranthene	18.90	202	60733	0.360	ng	100
27) Pyrene	19.26	202	61906	0.391	ng	100
29) Benzo(a)anthracene	21.02	228	62632	0.379	ng	100
30) Chrysene	21.08	228	63591	0.396	ng	100
31) Indeno(1,2,3-cd)pyrene	25.23	276	75213	0.425	ng	99
33) Benzo(b)fluoranthene	22.53	252	65409	0.386	ng	100
34) Benzo(k)fluoranthene	22.58	252	62744	0.375	ng	100
35) Benzo(a)pyrene	23.07	252	59617	0.388	ng	100
36) Dibenzo(a,h)anthracene	25.25	278	61303	0.400	ng	99
37) Benzo(g,h,i)perylene	25.86	276	61607	0.390	ng	99

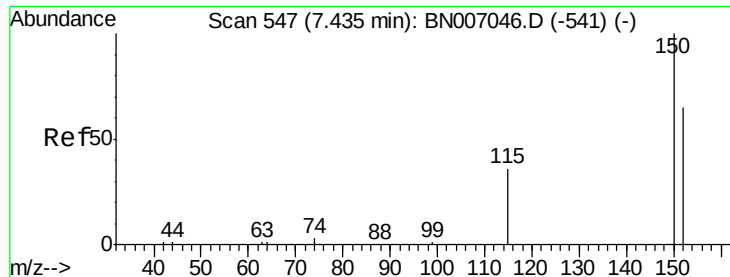
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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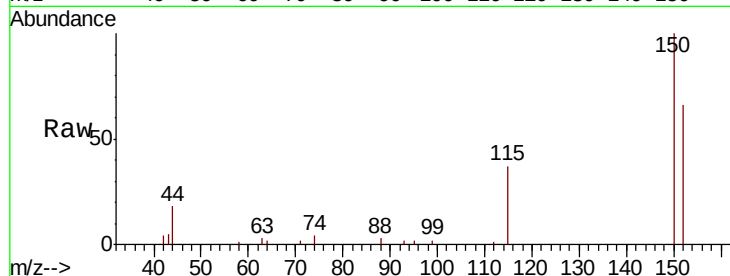


#1

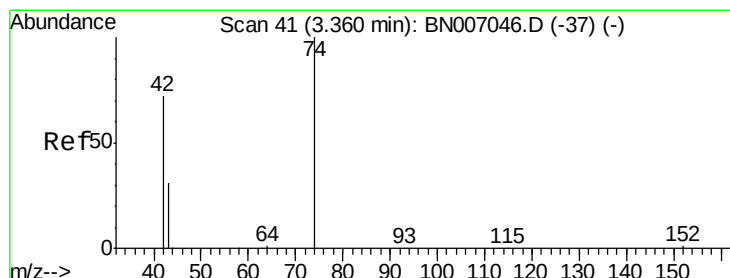
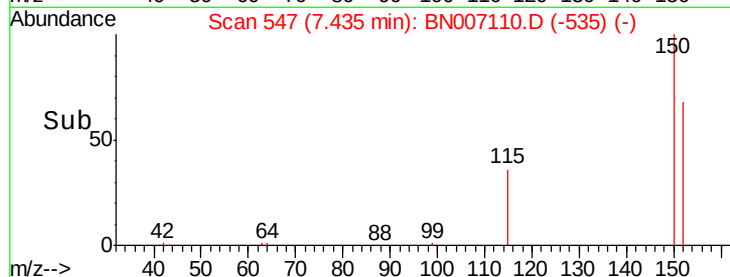
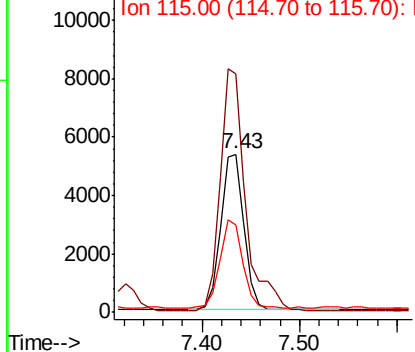
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007110.D
Acq: 12 Aug 2019 23:42

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 8922
Ion Ratio Lower Upper
152 100
150 150.8 121.7 182.5
115 55.5 46.2 69.4



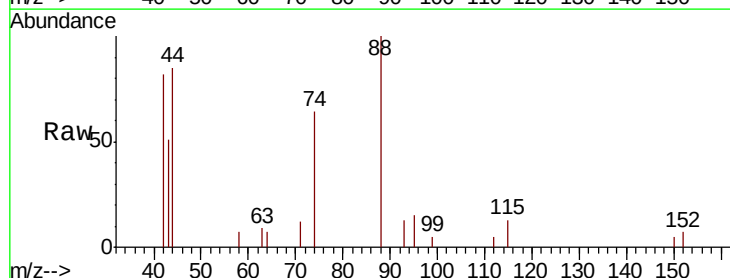
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



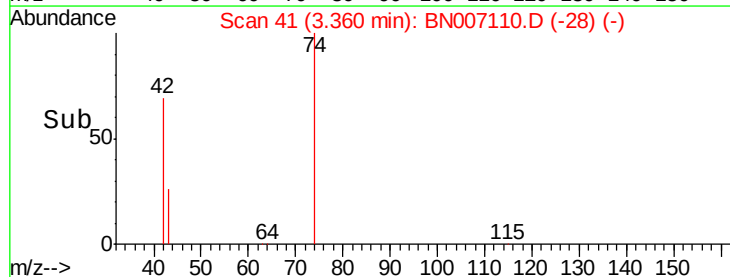
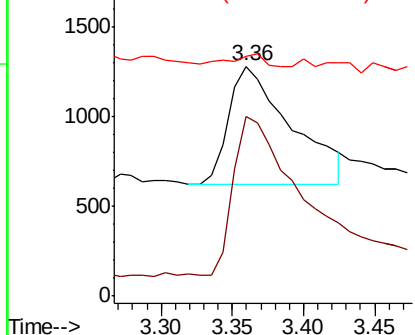
#2

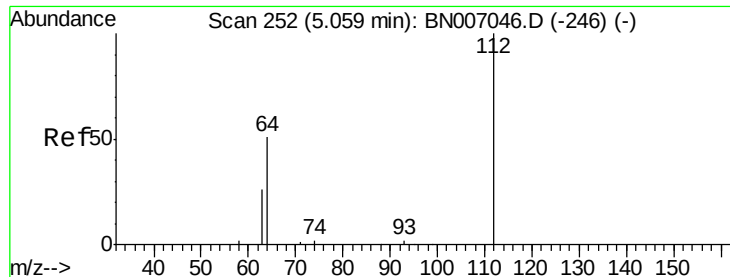
n-Nitrosodimethylamine
Concen: 0.340 ng
RT: 3.36 min Scan# 41
Delta R.T. 0.00 min
Lab File: BN007110.D
Acq: 12 Aug 2019 23:42

Tgt Ion: 42 Resp: 1998
Ion Ratio Lower Upper
42 100
74 136.8 110.6 166.0
44 5.5 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: 0.391 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 12 Aug 2019 23:42

Instrument :

BNA_N

ClientSampleId :

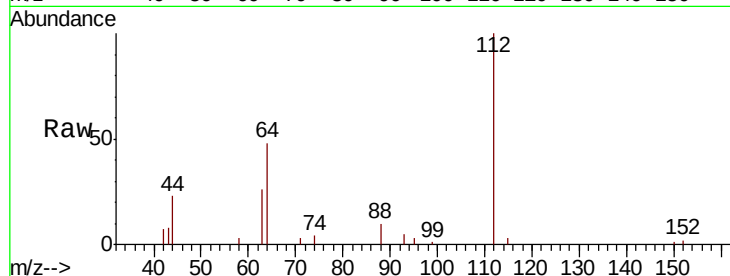
Tot Ion: 112 Resp: 8390

Ion Ratio Lower Upper

112 100

64 51.6 42.6 63.8

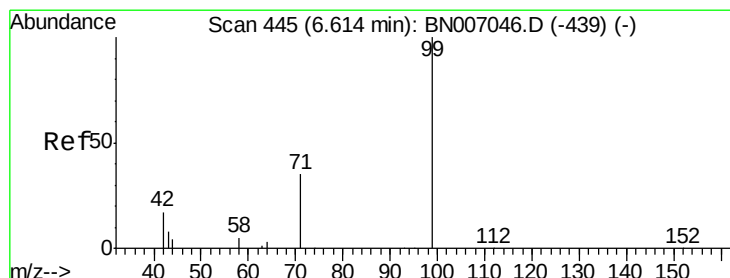
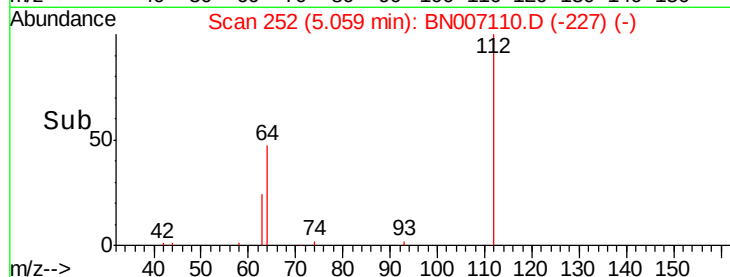
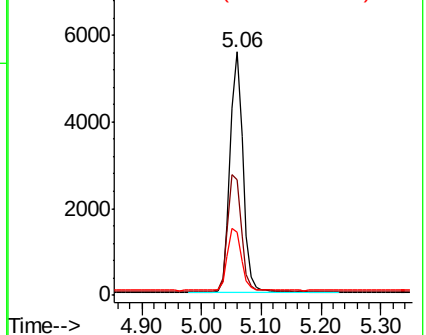
63 27.6 22.2 33.2



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: 0.402 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 12 Aug 2019 23:42

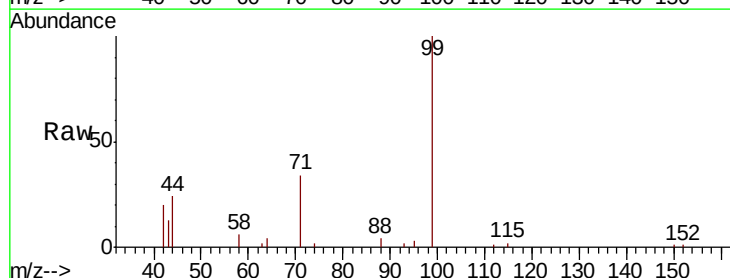
Tgt Ion: 99 Resp: 10676

Ion Ratio Lower Upper

99 100

42 18.3 15.8 23.6

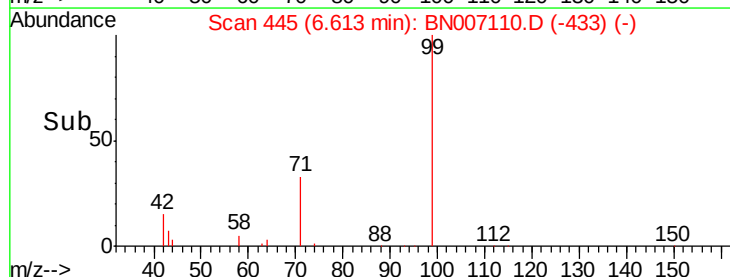
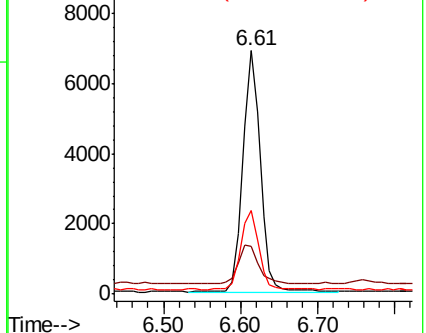
71 33.6 27.0 40.4

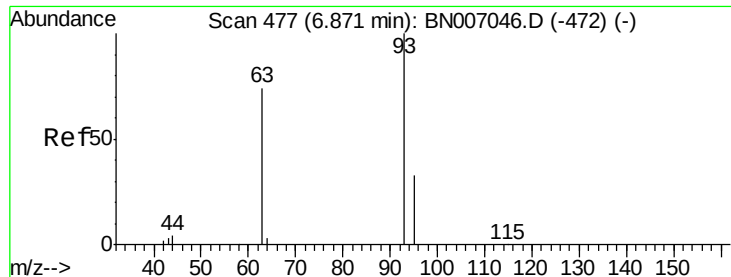


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#5

bis(2-Chloroethyl)ether

Concen: 0.394 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 12 Aug 2019 23:42

Instrument :

BNA_N

ClientSampleId :

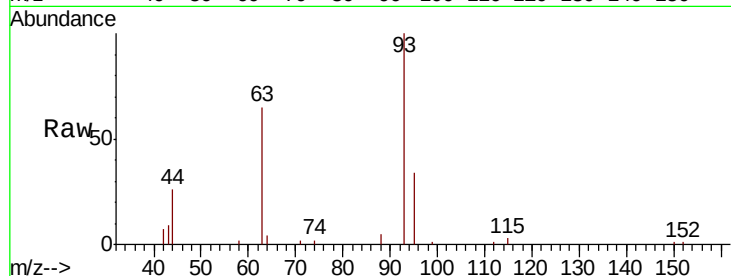
Tot Ion: 93 Resp: 9251

Ion Ratio Lower Upper

93 100

63 69.4 55.6 83.4

95 32.6 26.7 40.1

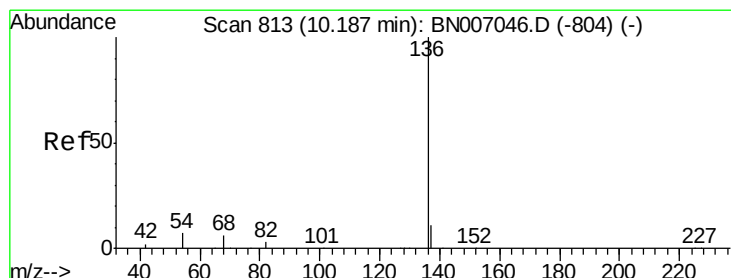
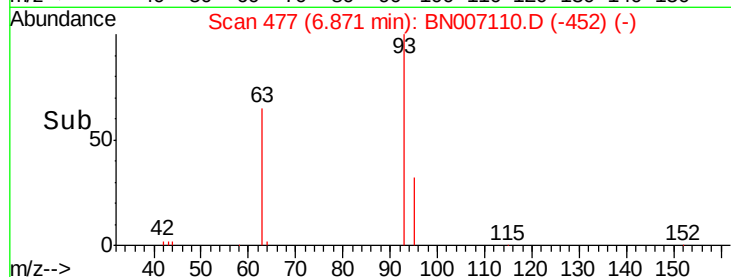
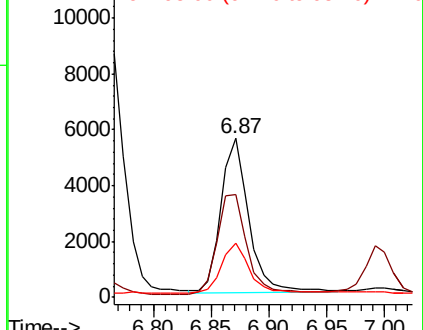


Abundance

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: BN007110.D

Acq: 12 Aug 2019 23:42

Tgt Ion: 136 Resp: 33398

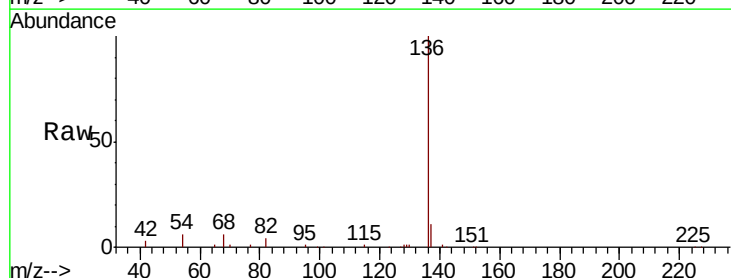
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 6.0 6.6 9.8#

68 5.5 6.0 9.0#



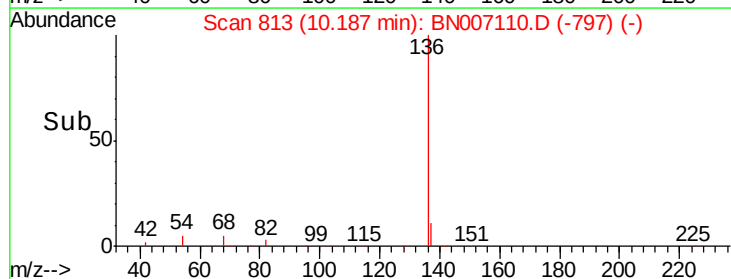
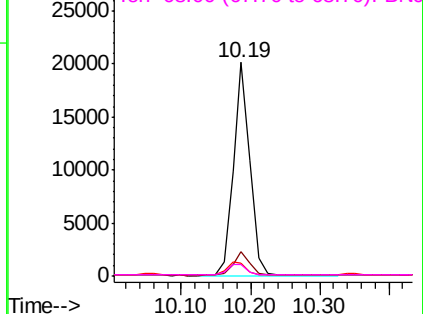
Abundance

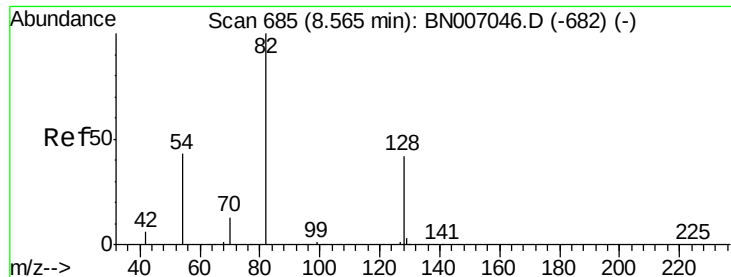
Ion 136.00 (135.70 to 136.70): E

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: 0.377 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 12 Aug 2019 23:42

Instrument :

BNA_N

ClientSampleId :

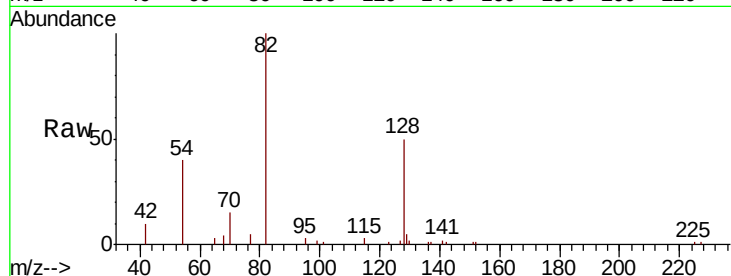
Tot Ion: 82 Resp: 10148

Ion Ratio Lower Upper

82 100

128 49.8 34.6 51.8

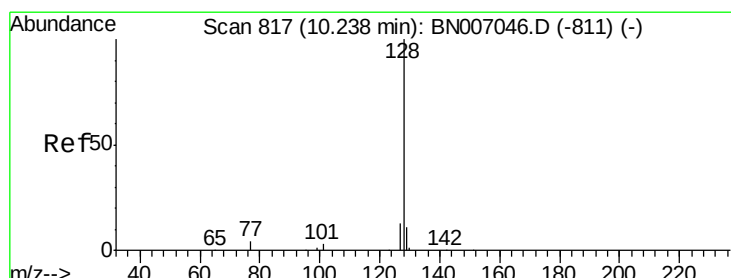
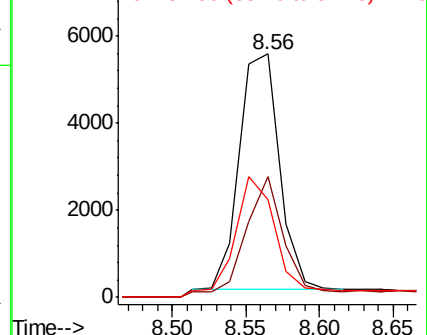
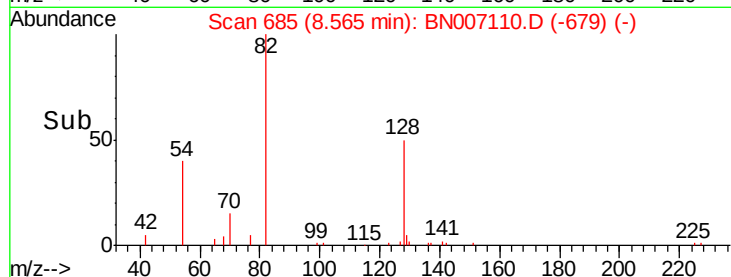
54 40.2 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BN007110.D (-679) (-)

Ion 128.00 (127.70 to 128.70): BN007110.D (-679) (-)

Ion 54.00 (53.70 to 54.70): BN007110.D (-679) (-)



#8

Naphthalene

Concen: 0.378 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 12 Aug 2019 23:42

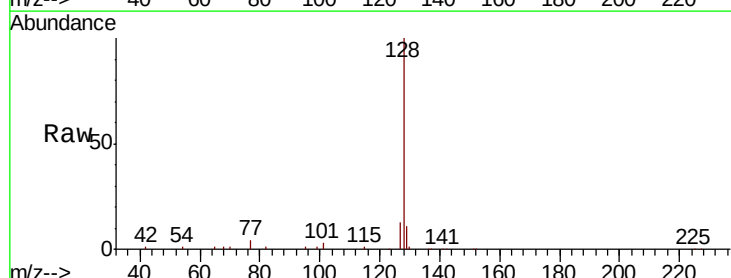
Tgt Ion: 128 Resp: 35358

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

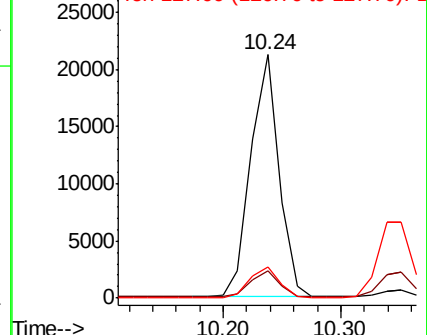
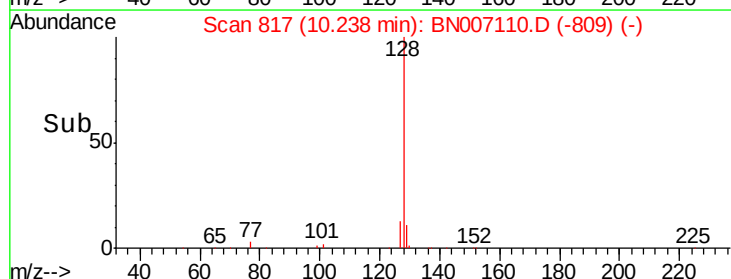
127 13.0 11.0 16.6

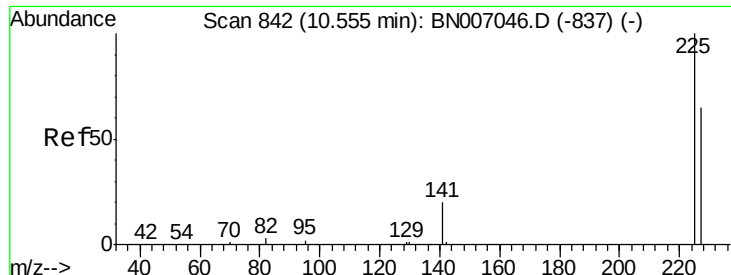


Abundance Ion 128.00 (127.70 to 128.70): BN007110.D (-809) (-)

Ion 129.00 (128.70 to 129.70): BN007110.D (-809) (-)

Ion 127.00 (126.70 to 127.70): BN007110.D (-809) (-)





#9

Hexachlorobutadiene

Concen: 0.383 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 12 Aug 2019 23:42

Instrument :

BNA_N

ClientSampleId :

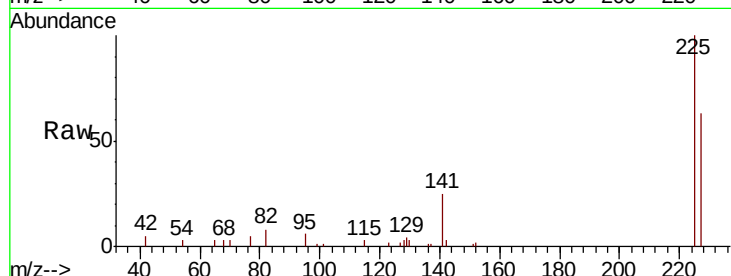
Tot Ion:225 Resp: 7641

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

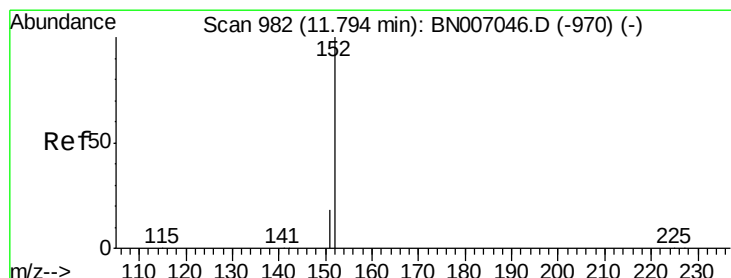
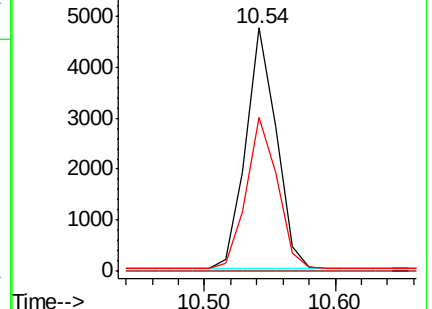
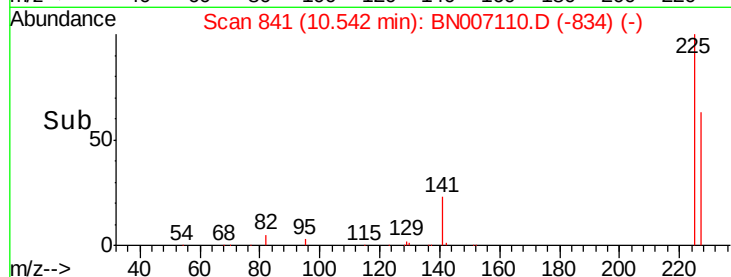
227 63.6 51.1 76.7



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: 0.369 ng

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007110.D

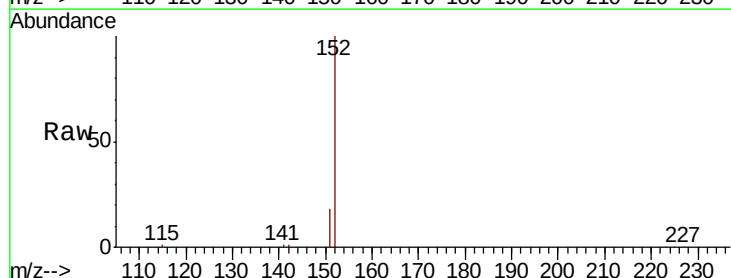
Acq: 12 Aug 2019 23:42

Tgt Ion:152 Resp: 23003

Ion Ratio Lower Upper

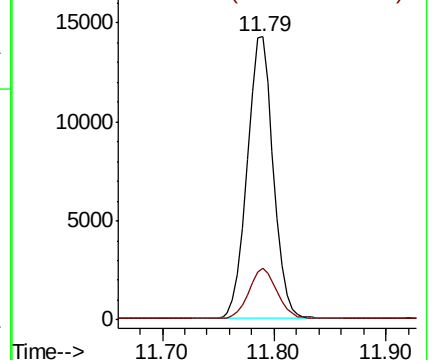
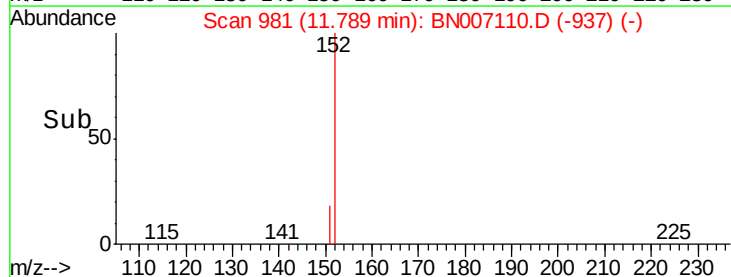
152 100

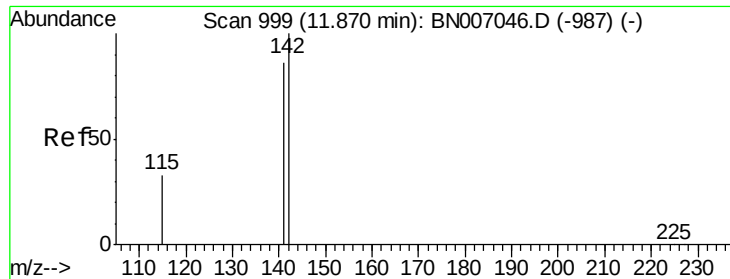
151 19.3 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

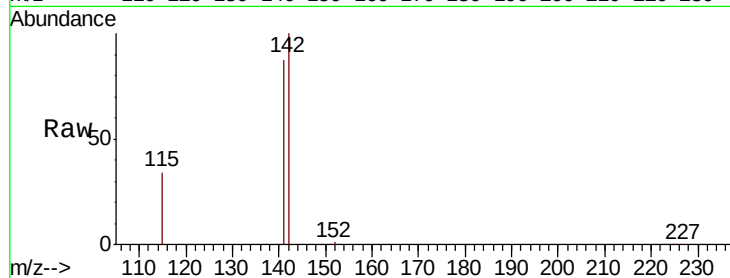




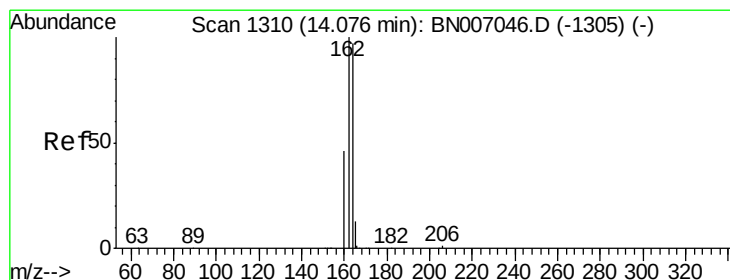
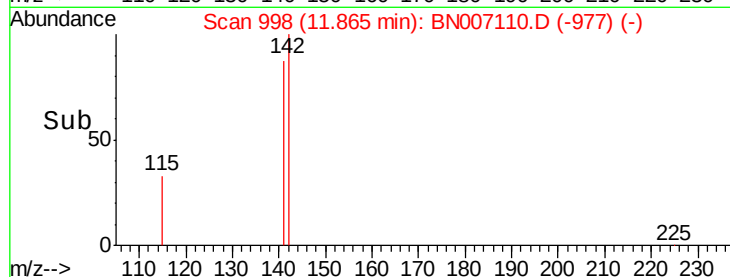
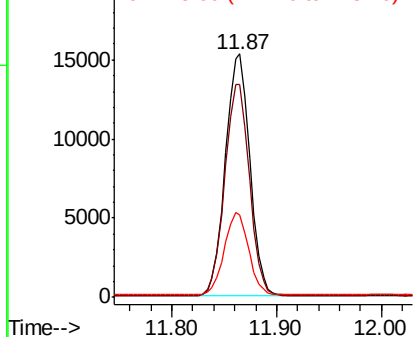
#11
2-Methylnaphthalene
Concen: 0.372 ng
RT: 11.87 min Scan# 998
Delta R.T. -0.00 min
Lab File: BN007110.D
Acq: 12 Aug 2019 23:42

Instrument :
BNA_N
ClientSampleId :

Tot Ion:142 Resp: 24702
Ion Ratio Lower Upper
142 100
141 87.4 69.0 103.6
115 33.8 27.1 40.7

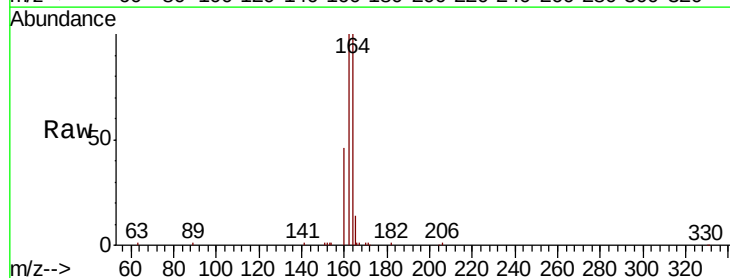


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

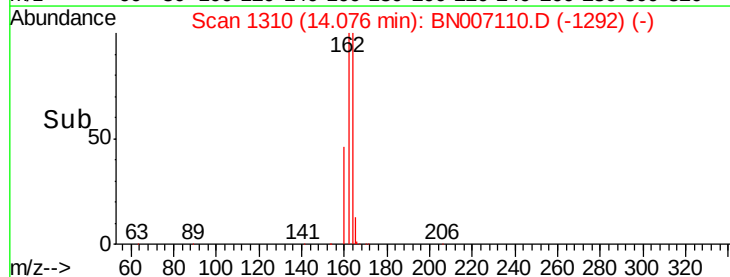
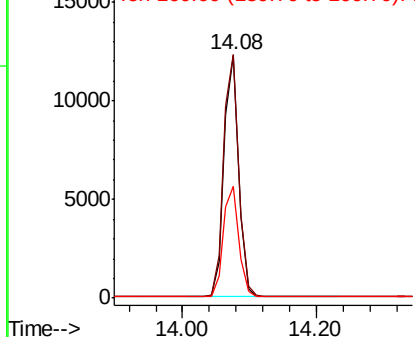


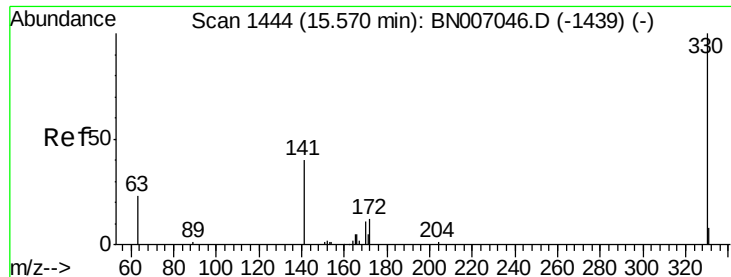
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007110.D
Acq: 12 Aug 2019 23:42

Tgt Ion:164 Resp: 18713
Ion Ratio Lower Upper
164 100
162 100.4 82.2 123.4
160 46.0 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

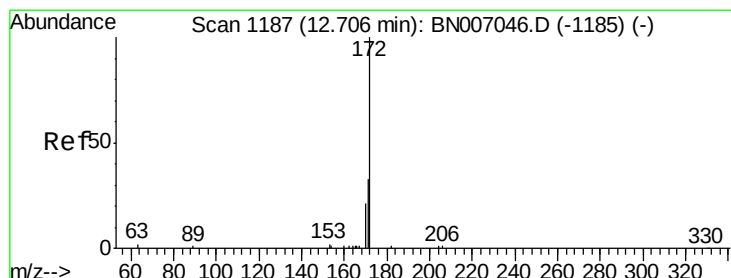
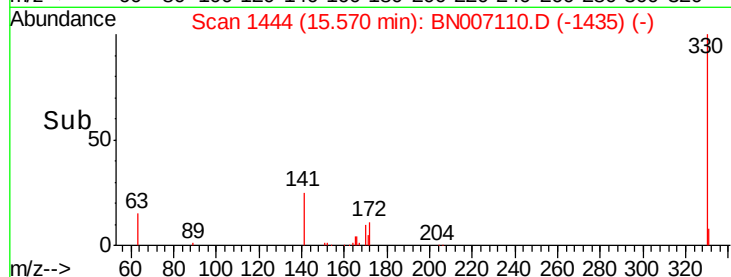
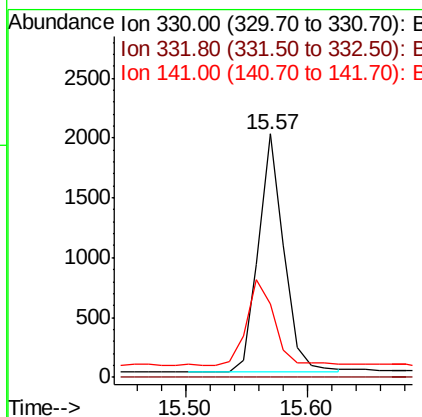
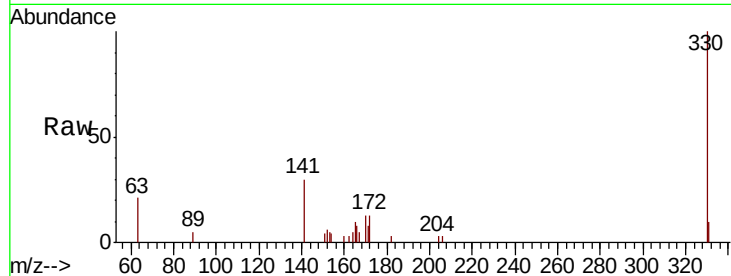




#13
 2,4,6-Tribromophenol
 Concen: 0.289 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007110.D
 Acq: 12 Aug 2019 23:42

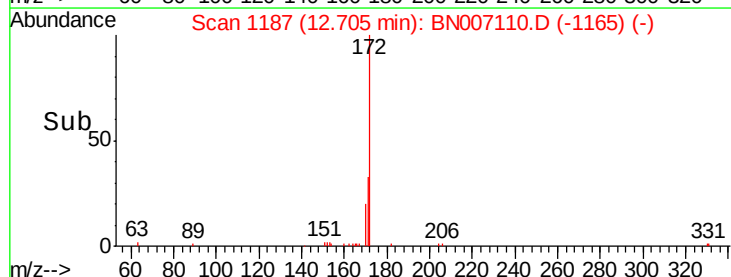
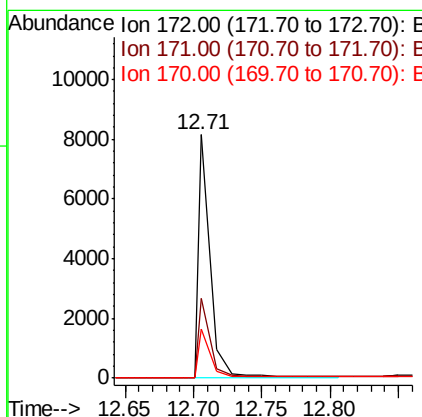
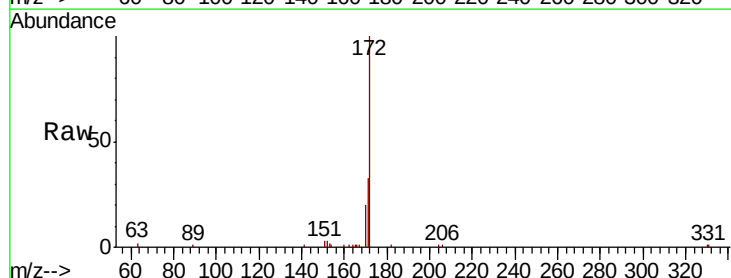
Instrument :
 BNA_N
 ClientSampleId :

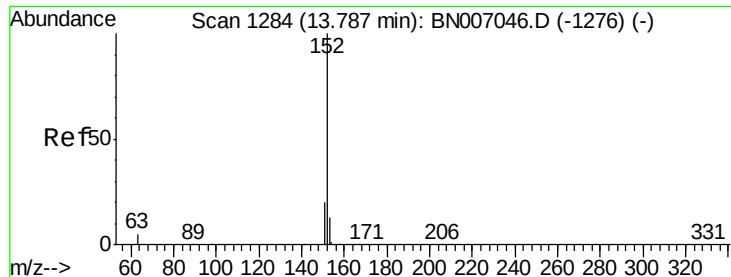
Tot Ion:330 Resp: 2915
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 38.9 33.6 50.4



#14
 2-Fluorobiphenyl
 Concen: 0.215 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007110.D
 Acq: 12 Aug 2019 23:42

Tgt Ion:172 Resp: 5839
 Ion Ratio Lower Upper
 172 100
 171 32.6 26.3 39.5
 170 20.1 17.0 25.4





#15

Acenaphthylene

Concen: 0.380 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 12 Aug 2019 23:42

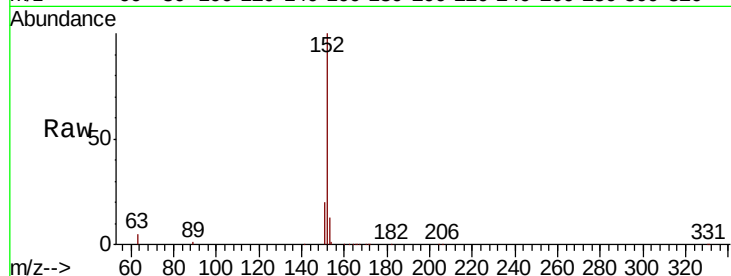
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 37196

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.0	10.4	15.6

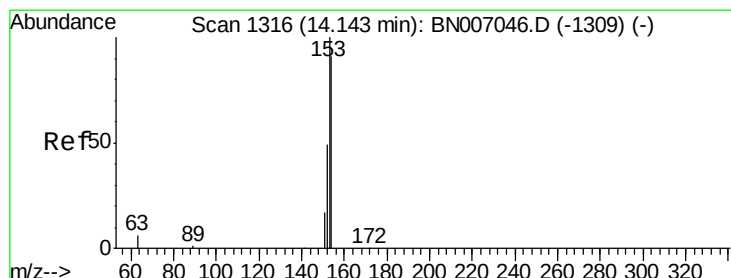
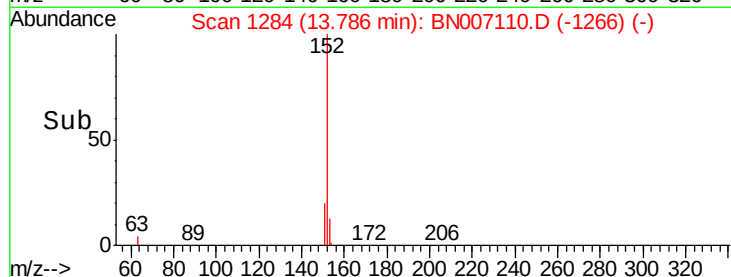
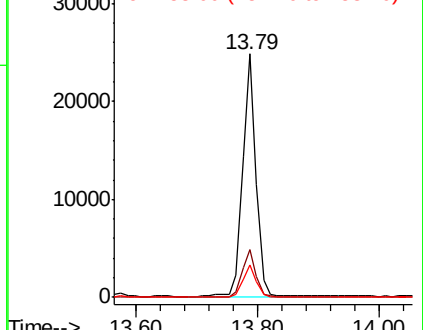


Abundance

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: 0.374 ng

RT: 14.13 min Scan# 1315

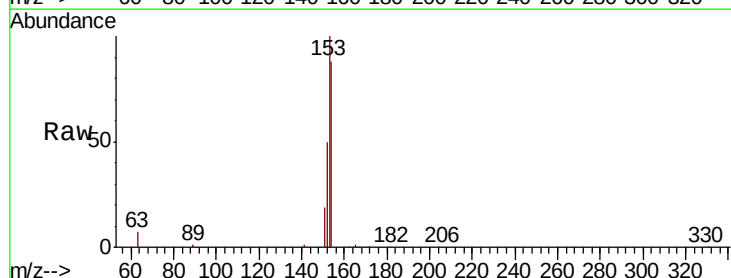
Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 12 Aug 2019 23:42

Tgt Ion:154 Resp: 23460

Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.5	134.3
152	55.9	44.8	67.2

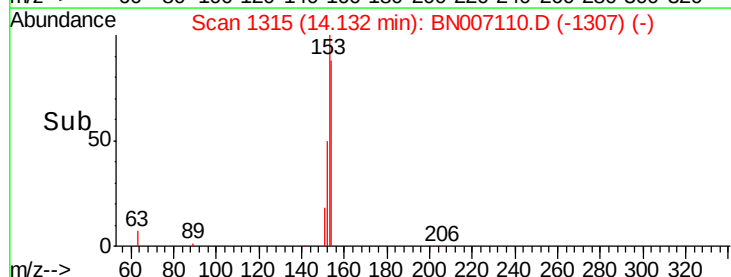
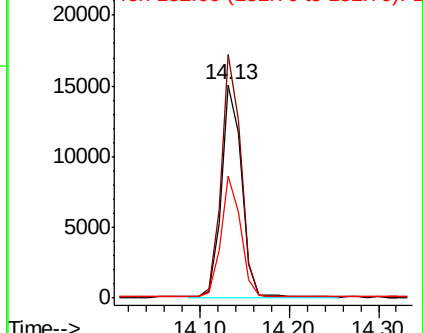


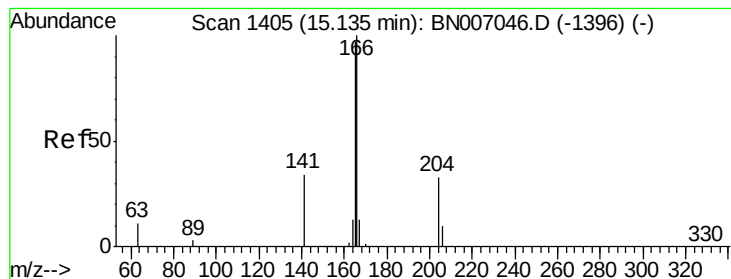
Abundance

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: 0.322 ng

RT: 15.13 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 12 Aug 2019 23:42

Instrument :

BNA_N

ClientSampleId :

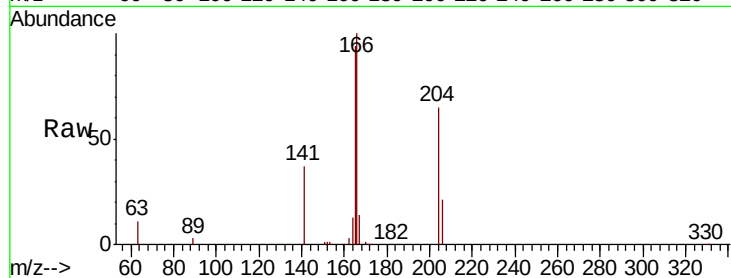
Tot Ion:166 Resp: 30152

Ion Ratio Lower Upper

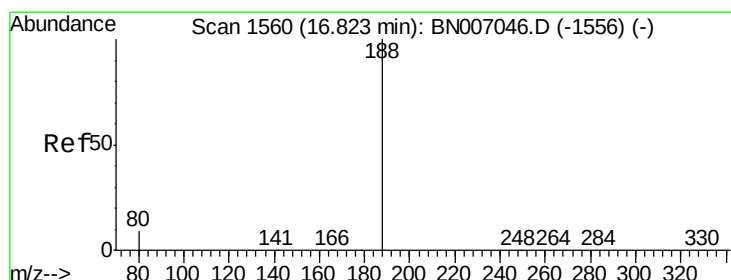
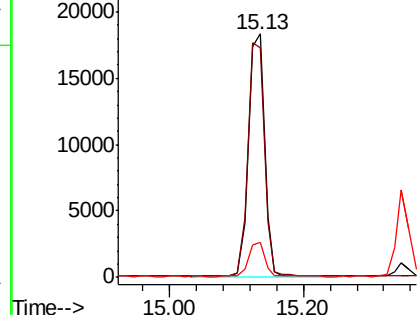
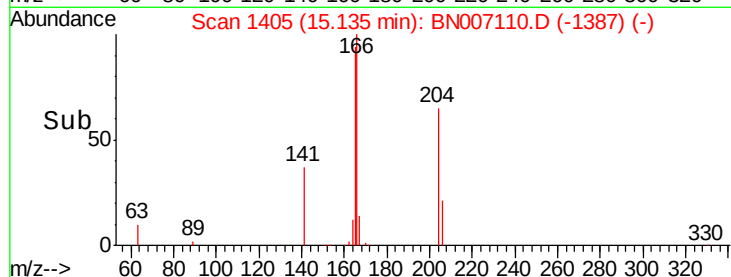
166 100

165 98.4 77.9 116.9

167 13.7 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: BN007110.D

Acq: 12 Aug 2019 23:42

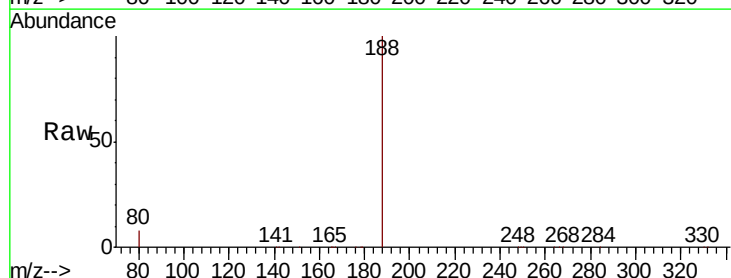
Tgt Ion:188 Resp: 43991

Ion Ratio Lower Upper

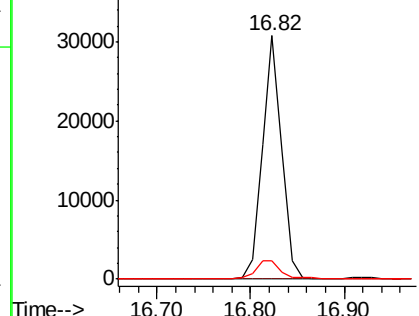
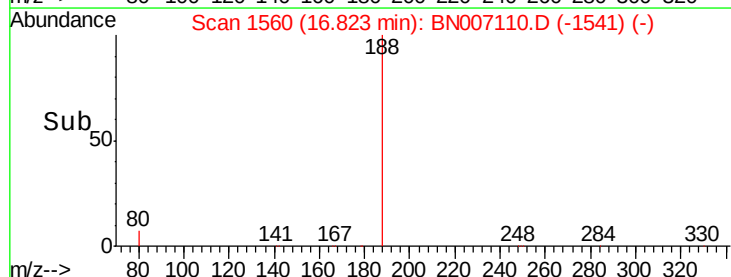
188 100

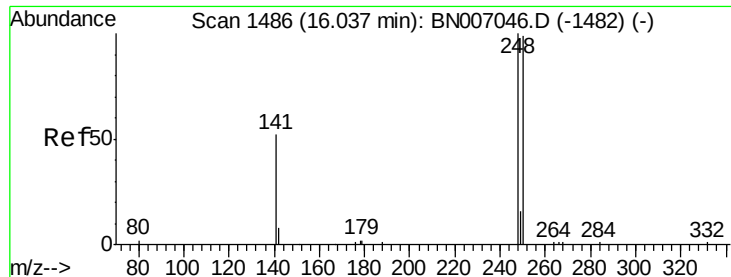
94 0.0 0.0 0.0

80 7.5 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: 0.396 ng

RT: 16.03 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 12 Aug 2019 23:42

Instrument :

BNA_N

ClientSampleId :

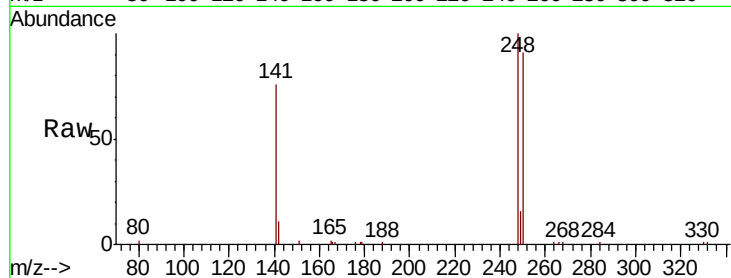
Tot Ion:248 Resp: 10780

Ion Ratio Lower Upper

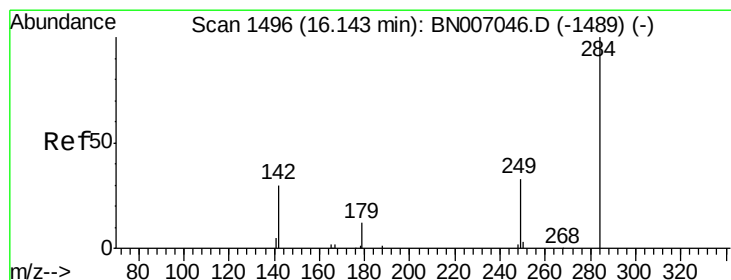
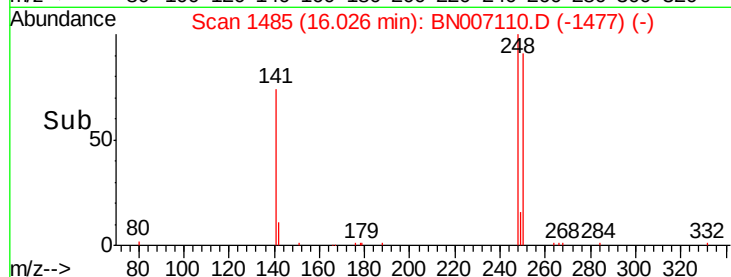
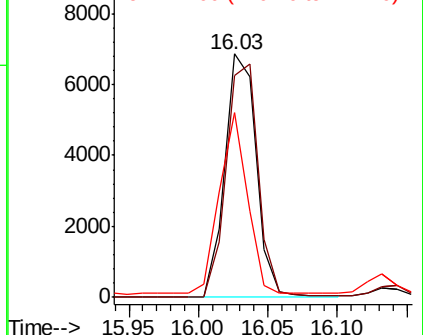
248 100

250 91.1 78.9 118.3

141 75.9 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: 0.414 ng

RT: 16.14 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 12 Aug 2019 23:42

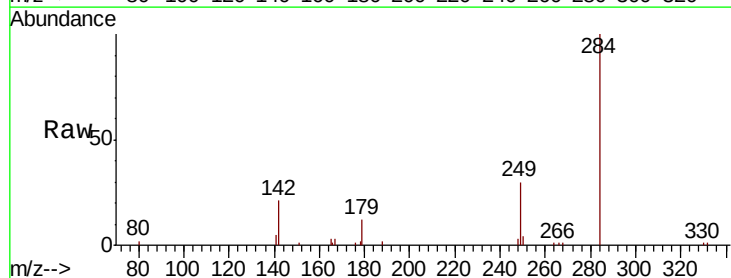
Tgt Ion:284 Resp: 10842

Ion Ratio Lower Upper

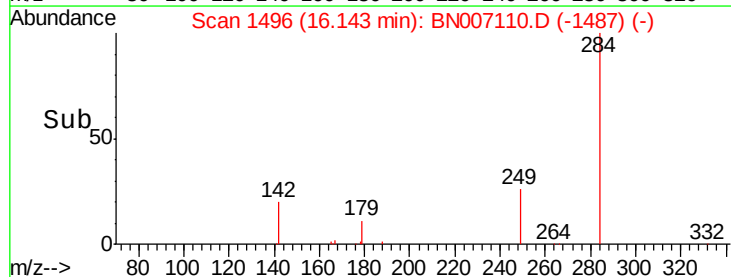
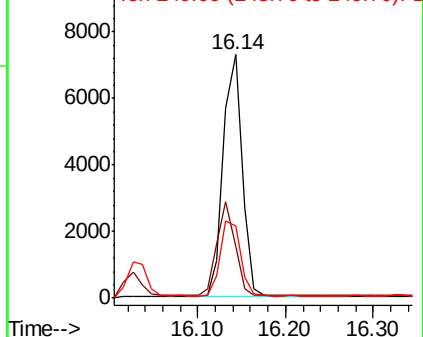
284 100

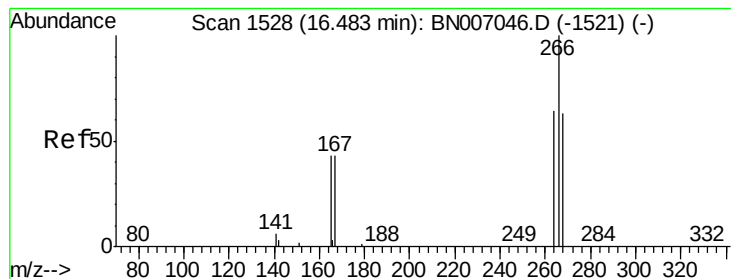
142 37.0 30.5 45.7

249 33.1 26.7 40.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.341 ng

RT: 16.48 min Scan# 1528

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 12 Aug 2019 23:42

Instrument :

BNA_N

ClientSampled :

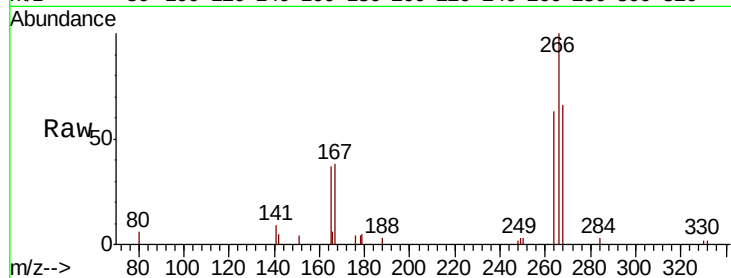
Tot Ion:266 Resp: 3324

Ion Ratio Lower Upper

266 100

264 63.2 52.3 78.5

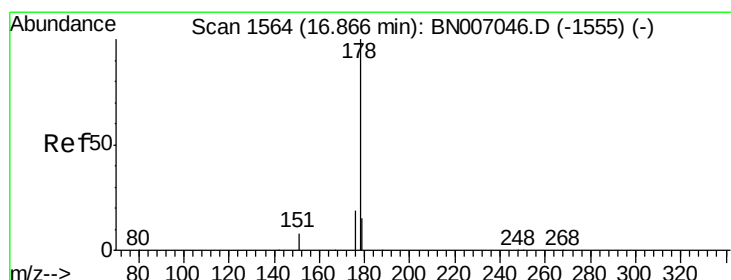
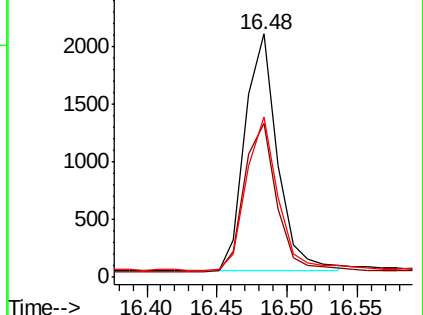
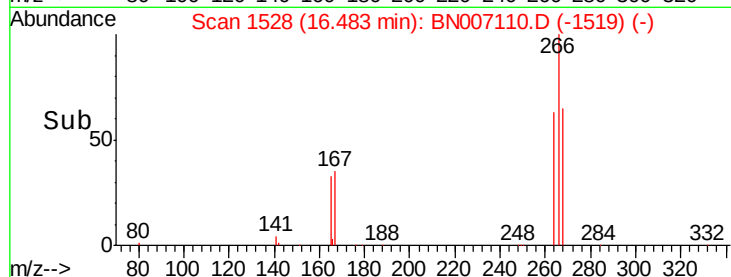
268 66.0 51.5 77.3



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: 0.387 ng

RT: 16.87 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 12 Aug 2019 23:42

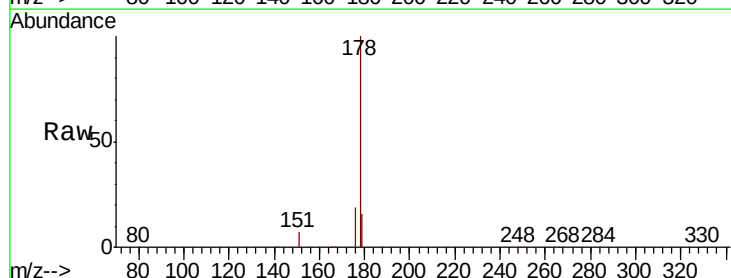
Tgt Ion:178 Resp: 51020

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

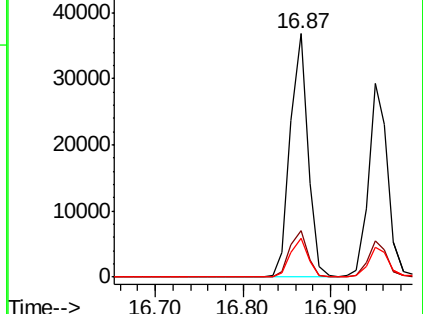
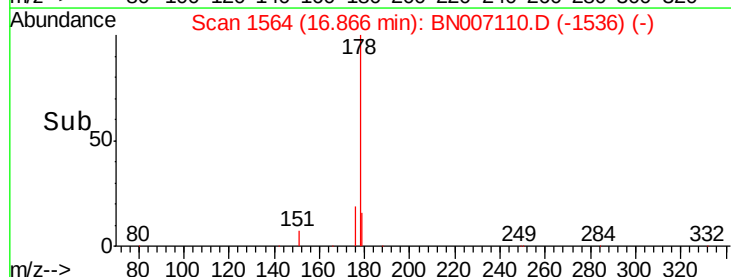
179 15.6 12.3 18.5

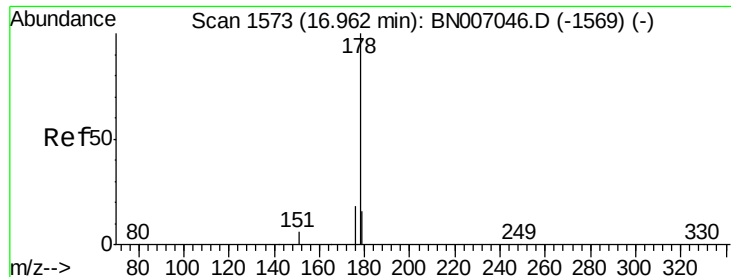


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.374 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 12 Aug 2019 23:42

Instrument :

BNA_N

ClientSampled :

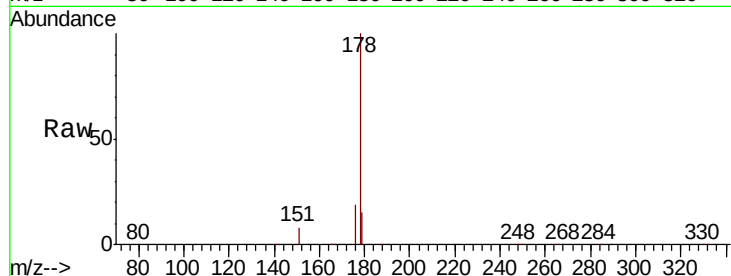
Tot Ion:178 Resp: 45027

Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

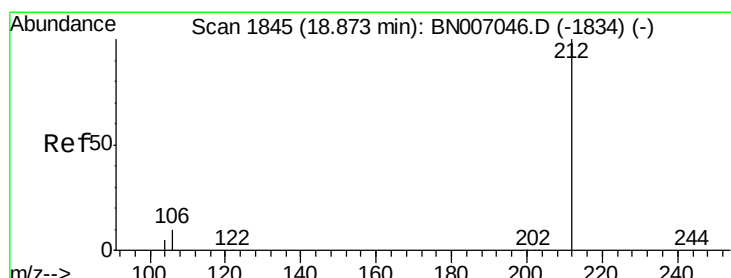
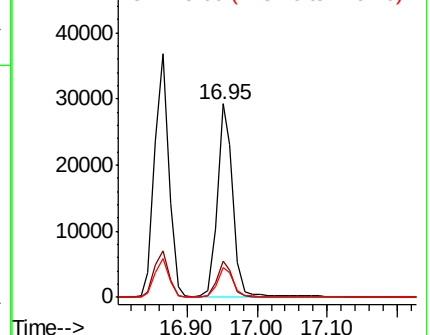
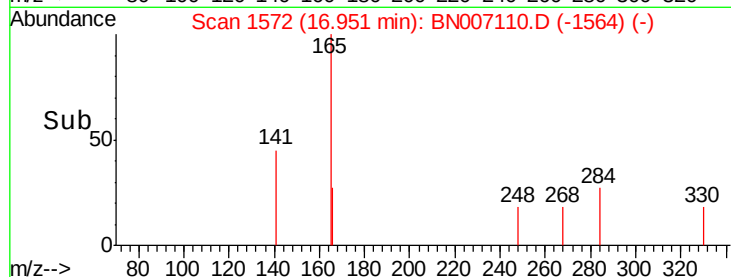
179 15.4 12.5 18.7



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: 0.351 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 12 Aug 2019 23:42

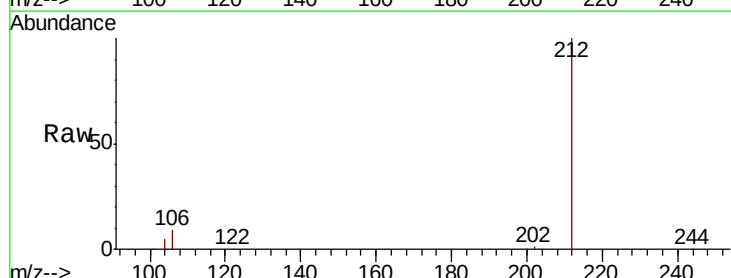
Tgt Ion:212 Resp: 54701

Ion Ratio Lower Upper

212 100

106 10.2 8.2 12.2

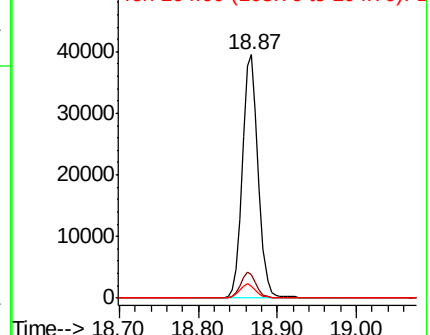
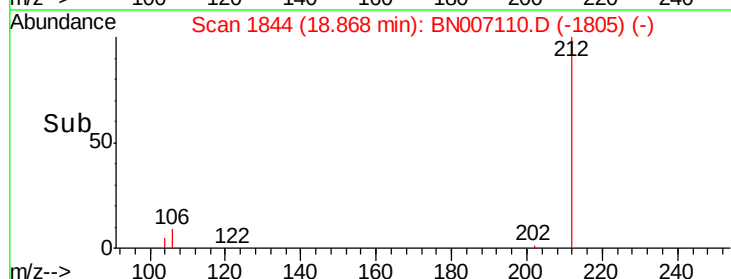
104 5.6 4.5 6.7

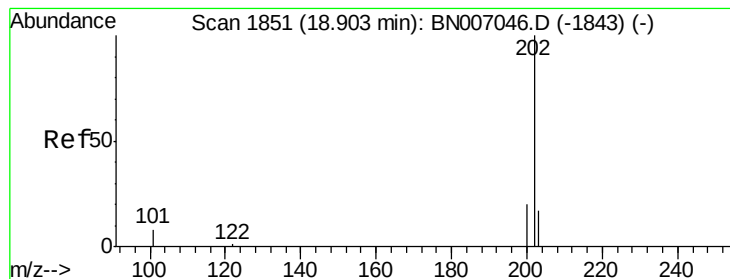


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.360 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 12 Aug 2019 23:42

Instrument :

BNA_N

ClientSampleId :

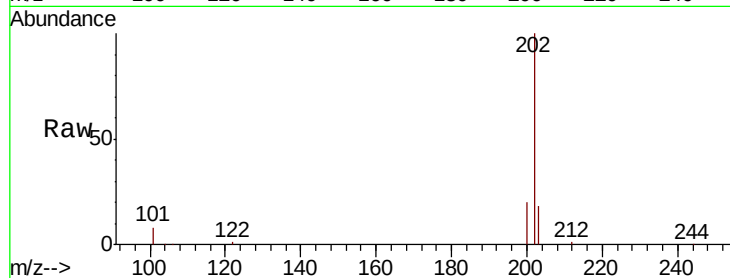
Tot Ion:202 Resp: 60733

Ion Ratio Lower Upper

202 100

101 8.8 7.0 10.4

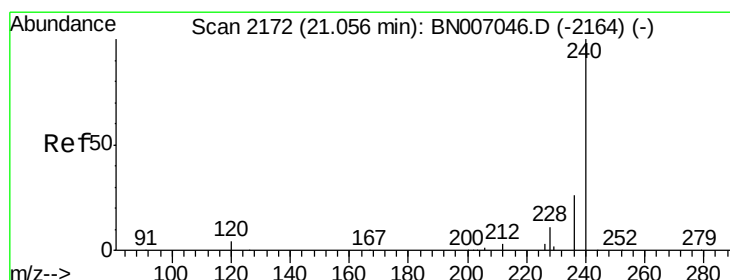
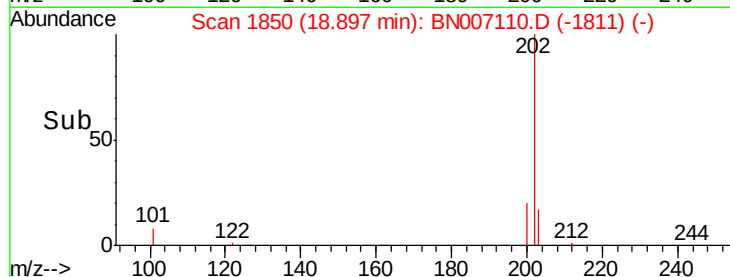
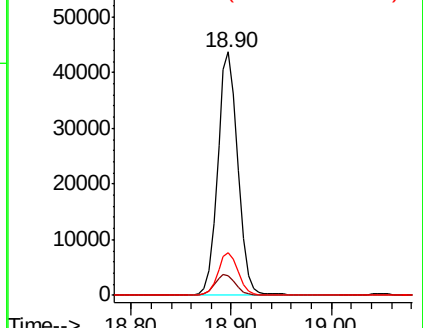
203 17.3 13.8 20.8



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: BN007110.D

Acq: 12 Aug 2019 23:42

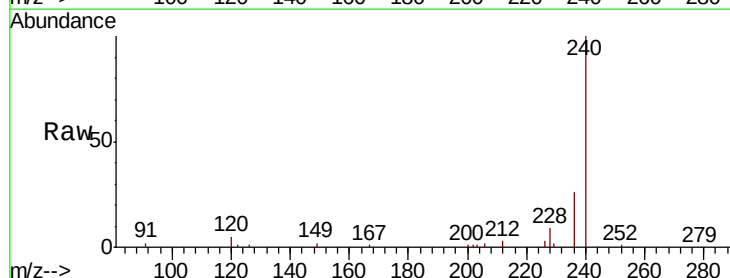
Tgt Ion:240 Resp: 45189

Ion Ratio Lower Upper

240 100

120 4.6 4.0 6.0

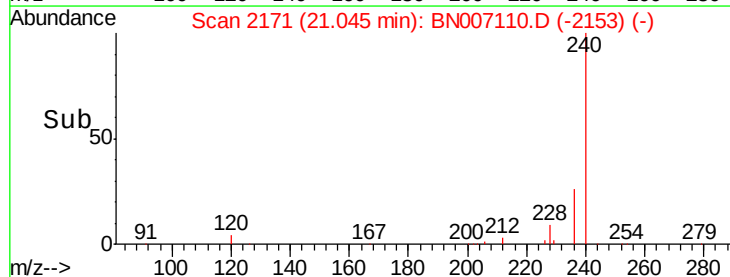
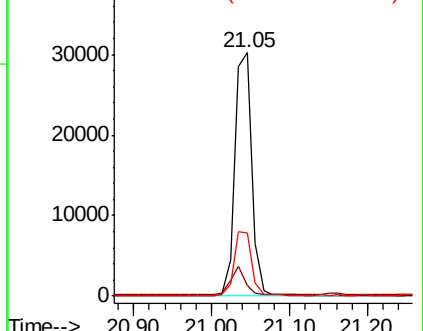
236 26.0 21.3 31.9

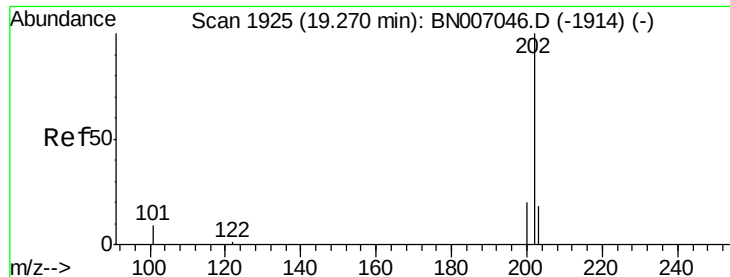


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

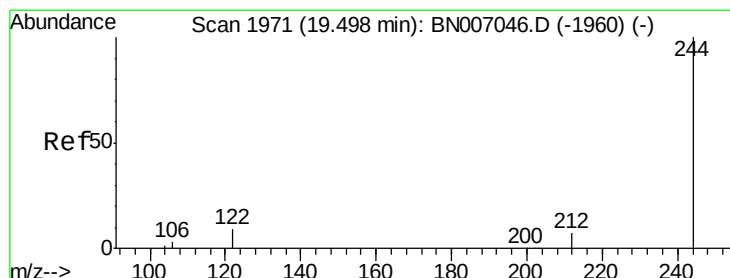
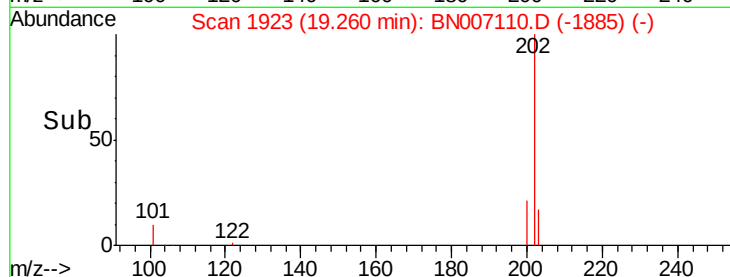
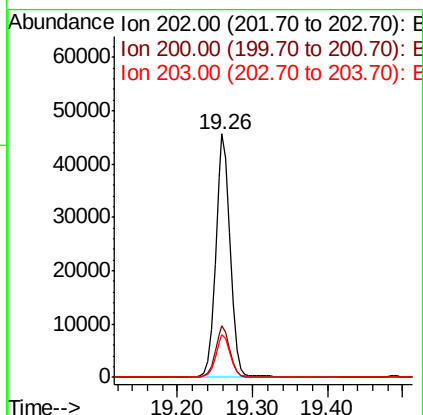
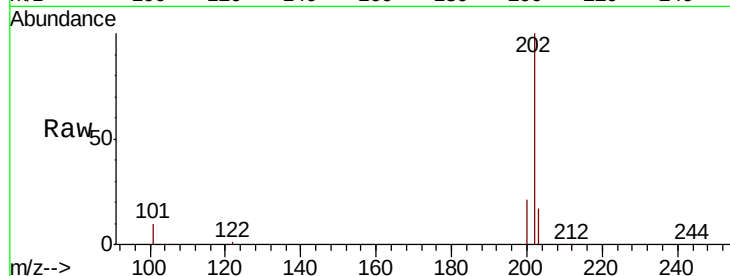




#27
Pvrene
Concen: 0.391 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007110.D
Acq: 12 Aug 2019 23:42

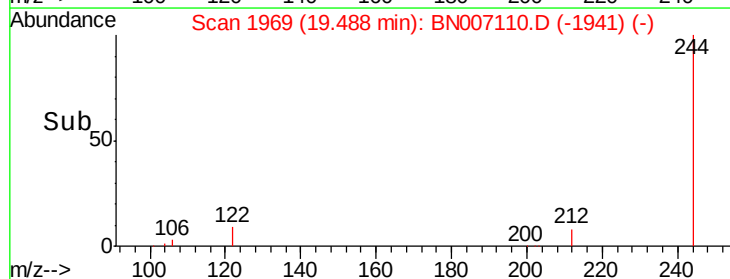
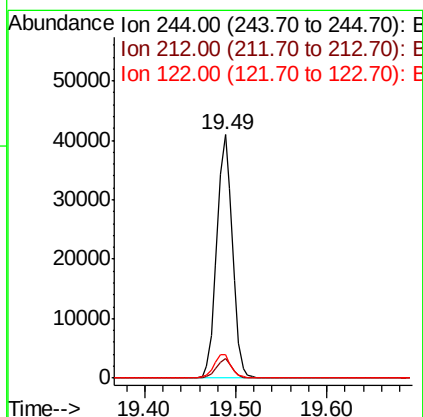
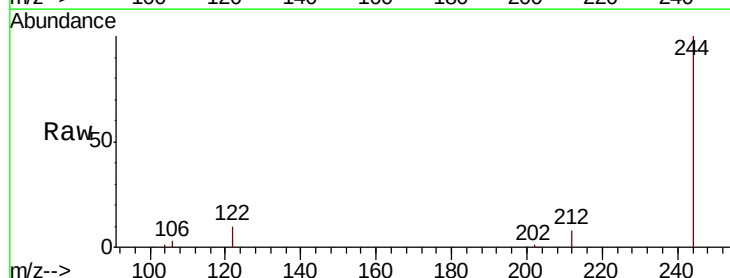
Instrument :
BNA_N
ClientSampleId :

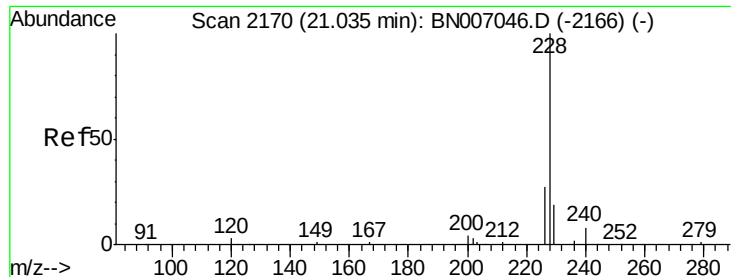
Tot Ion:202 Resp: 61906
Ion Ratio Lower Upper
202 100
200 20.7 16.6 24.8
203 17.5 14.0 21.0



#28
Terphenyl-d14
Concen: 0.388 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007110.D
Acq: 12 Aug 2019 23:42

Tgt Ion:244 Resp: 47778
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 9.6 7.4 11.2





#29

Benzo(a)anthracene

Concen: 0.379 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 12 Aug 2019 23:42

Instrument :

BNA_N

ClientSampleId :

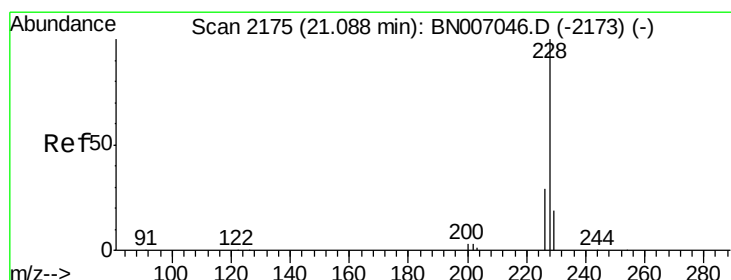
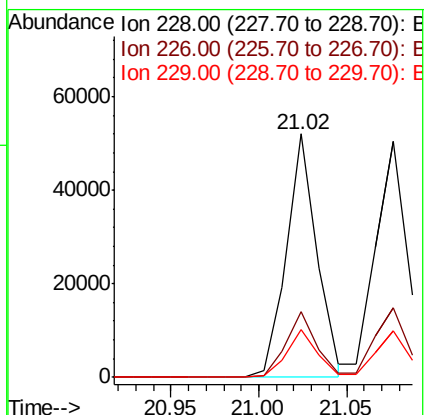
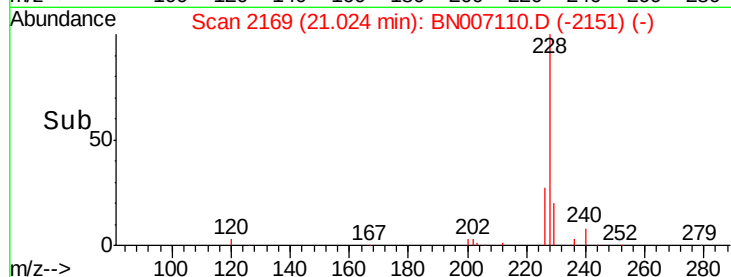
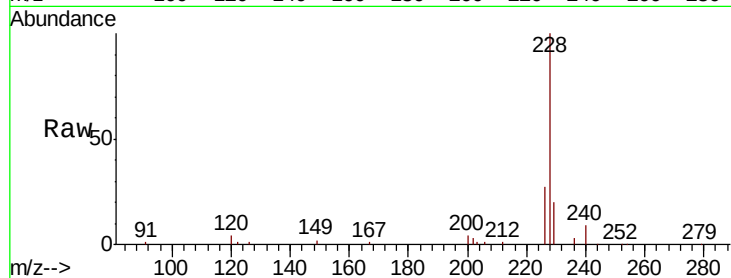
Tot Ion:228 Resp: 62632

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.6

229 19.7 15.6 23.4



#30

Chrysene

Concen: 0.396 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 12 Aug 2019 23:42

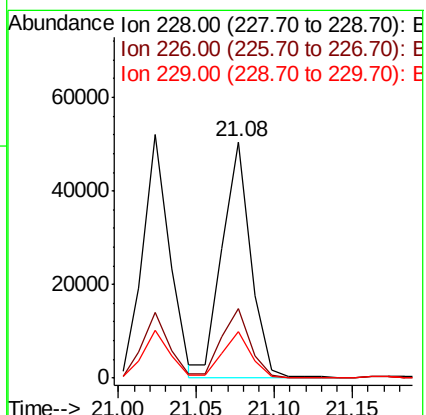
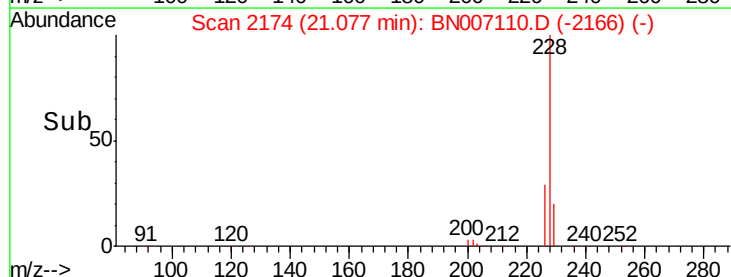
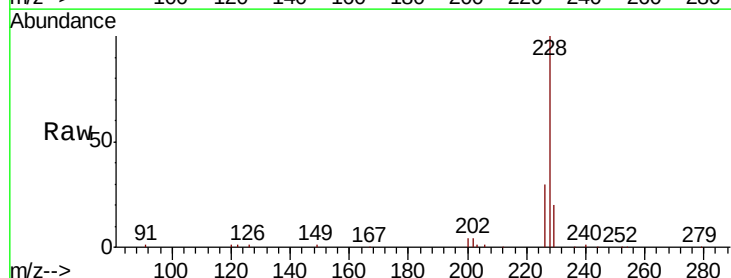
Tgt Ion:228 Resp: 63591

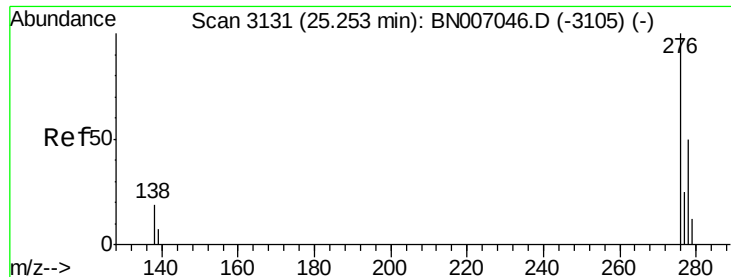
Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

229 19.8 15.7 23.5

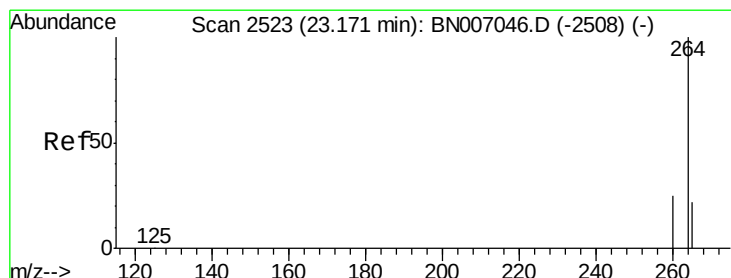
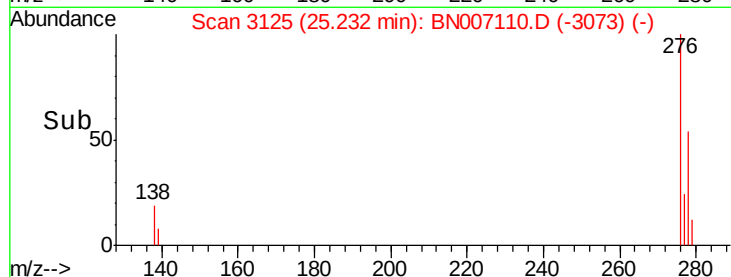
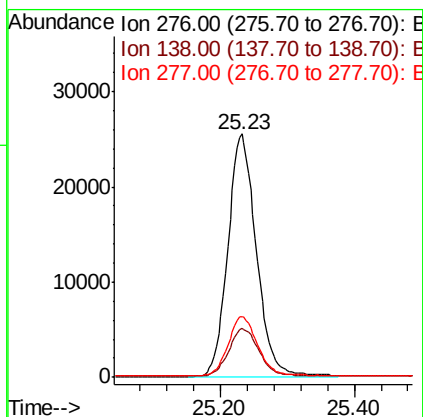
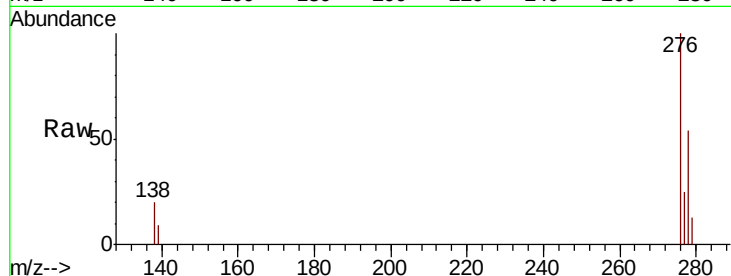




#31
Indeno(1,2,3-cd)pyrene
Concen: 0.425 ng
RT: 25.23 min Scan# 3125
Delta R.T. -0.02 min
Lab File: BN007110.D
Acq: 12 Aug 2019 23:42

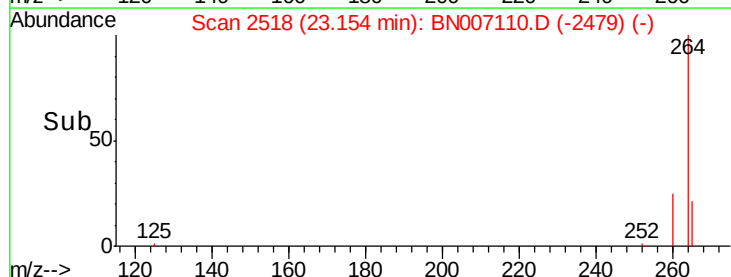
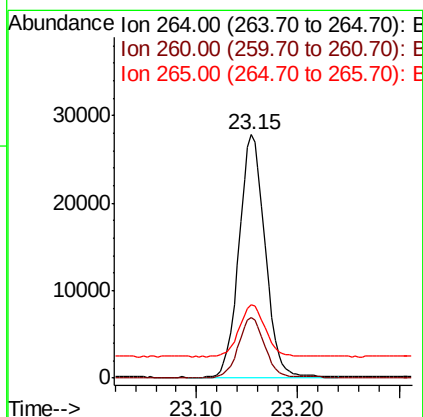
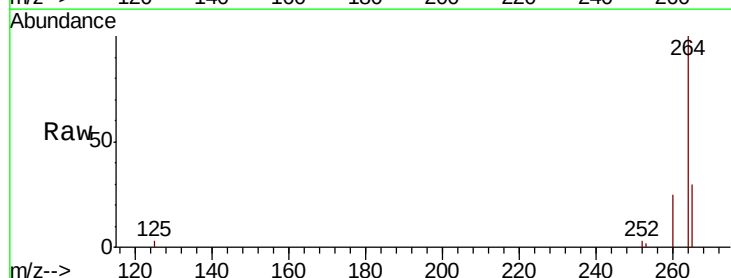
Instrument :
BNA_N
ClientSampleId :

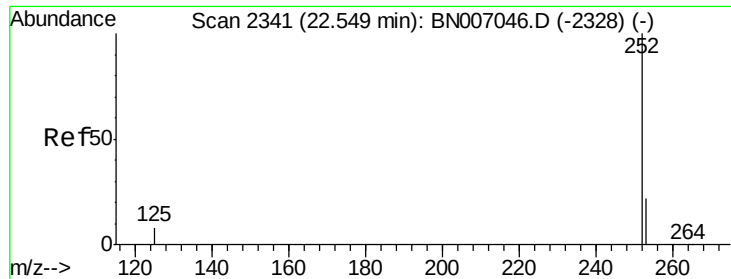
Tot Ion:276 Resp: 75213
Ion Ratio Lower Upper
276 100
138 20.7 16.0 24.0
277 25.0 19.9 29.9



#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BN007110.D
Acq: 12 Aug 2019 23:42

Tgt Ion:264 Resp: 49461
Ion Ratio Lower Upper
264 100
260 25.0 19.8 29.8
265 30.1 26.2 39.4





#33

Benzo(b)fluoranthene

Concen: 0.386 ng

RT: 22.53 min Scan# 2337

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 12 Aug 2019 23:42

Instrument :

BNA_N

ClientSampled :

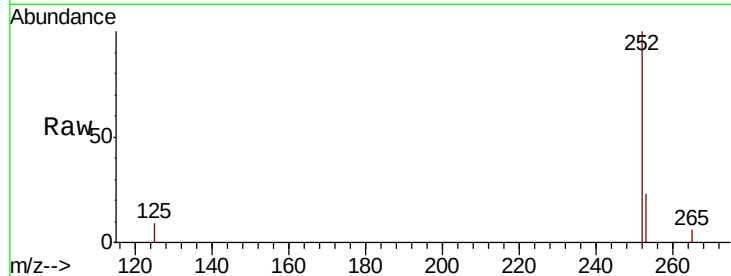
Tot Ion:252 Resp: 65409

Ion Ratio Lower Upper

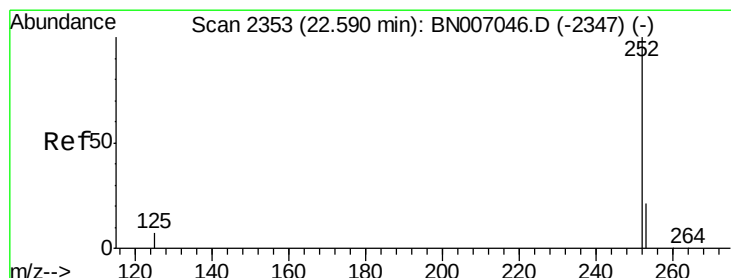
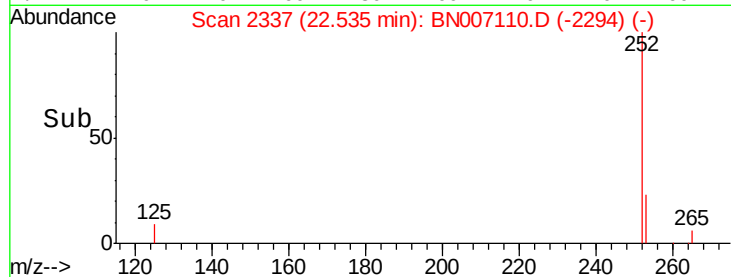
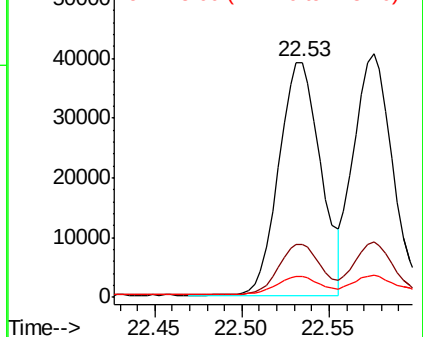
252 100

253 22.7 18.2 27.2

125 9.1 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: 0.375 ng

RT: 22.58 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 12 Aug 2019 23:42

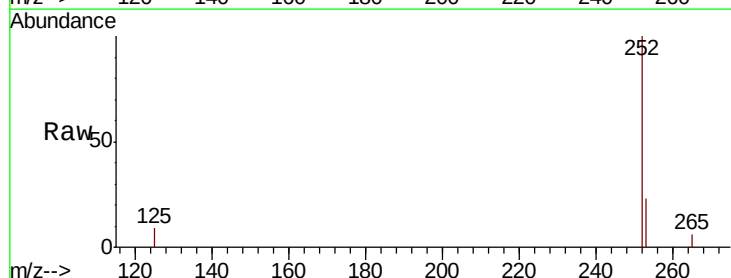
Tgt Ion:252 Resp: 62744

Ion Ratio Lower Upper

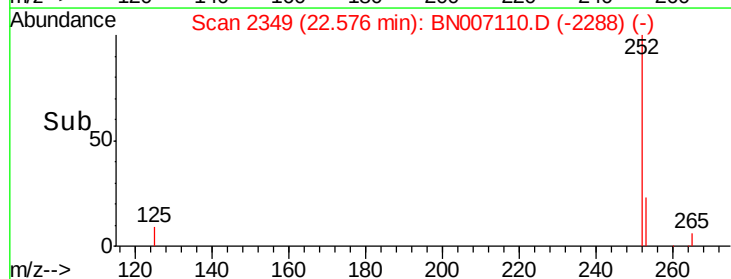
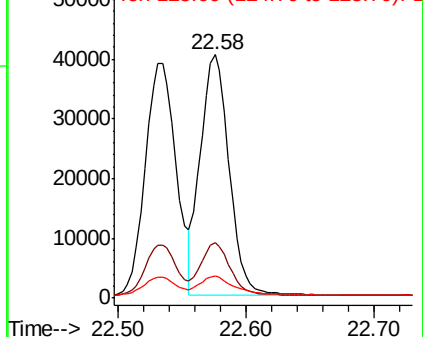
252 100

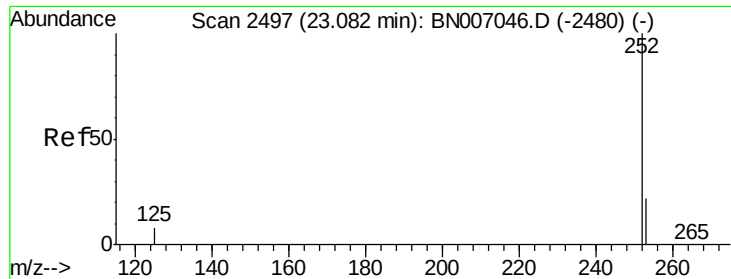
253 22.6 18.1 27.1

125 9.2 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.388 ng

RT: 23.07 min Scan# 2492

Delta R.T. -0.02 min

Lab File: BN007110.D

Acq: 12 Aug 2019 23:42

Instrument :

BNA_N

ClientSampleId :

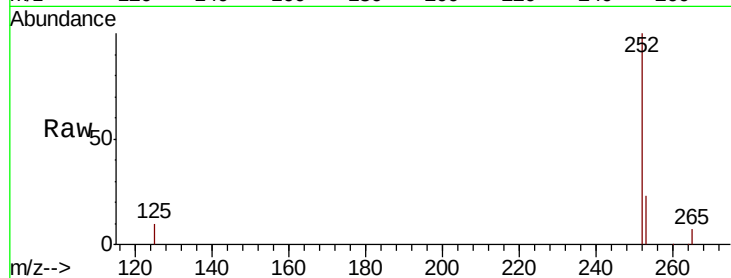
Tot Ion:252 Resp: 59617

Ion Ratio Lower Upper

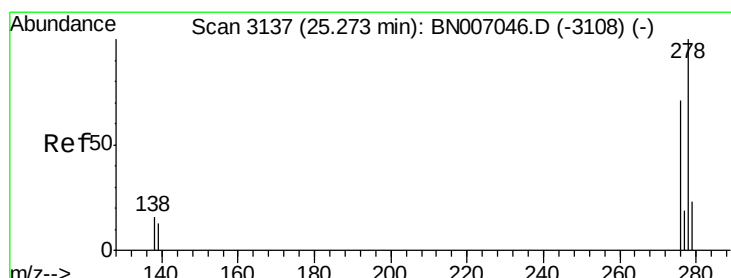
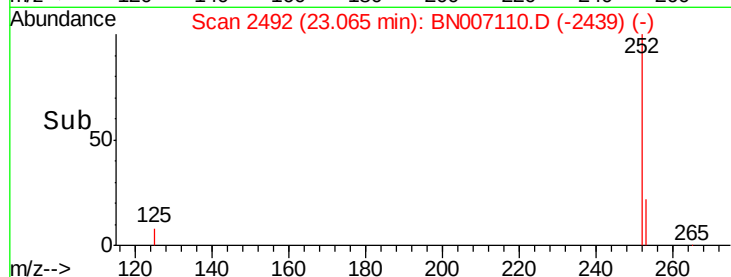
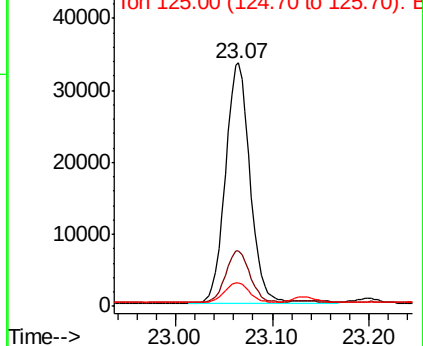
252 100

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: 0.400 ng

RT: 25.25 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BN007110.D

Acq: 12 Aug 2019 23:42

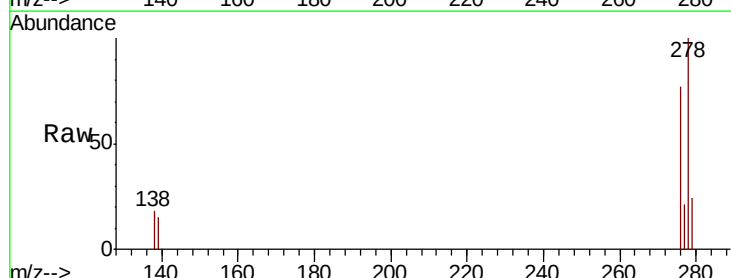
Tgt Ion:278 Resp: 61303

Ion Ratio Lower Upper

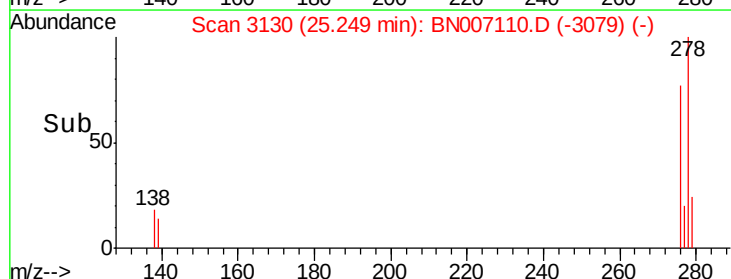
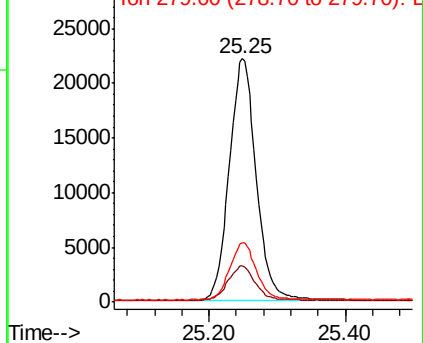
278 100

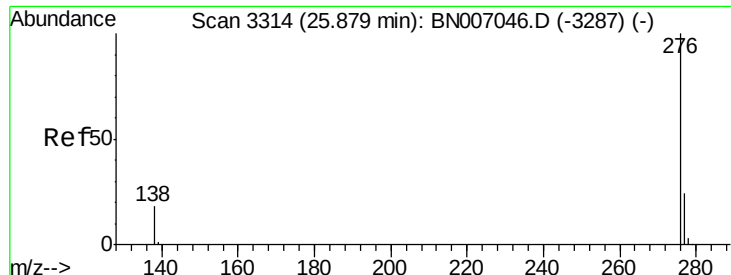
139 14.9 11.3 16.9

279 24.5 19.3 28.9



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





#37

Benzo(a,h,i)perylene

Concen: 0.390 ng

RT: 25.86 min Scan# 3308

Delta R.T. -0.02 min

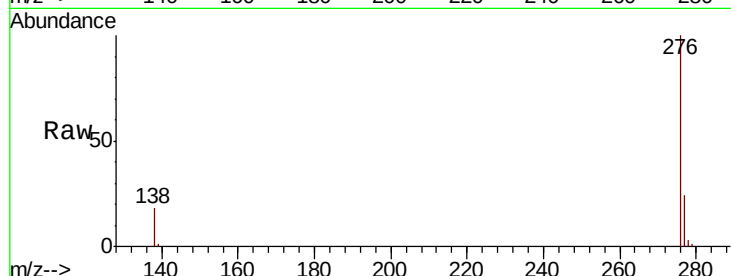
Lab File: BN007110.D

Acq: 12 Aug 2019 23:42

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 61607

Ion Ratio Lower Upper

276 100

277 24.4 19.8 29.8

138 17.9 14.6 22.0

