

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
 Data File : BN007110.D
 Acq On : 13 Aug 2019 02:06
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 13 06:28:21 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	9093	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	34780	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	19857	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	46799	0.40	ng	0.00
26) Chrysene-d12	21.05	240	48300	0.40	ng	-0.01
32) Perylene-d12	23.15	264	53122	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	8810	0.40	ng	0.00
4) Phenol-d6	6.61	99	11411	0.42	ng	0.00
7) Nitrobenzene-d5	8.56	82	10964	0.39	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	24191	0.37	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	3302	0.31	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	5944	0.21	ng	0.00
24) Fluoranthene-d10	18.87	212	60121	0.36	ng	0.00
28) Terphenyl-d14	19.49	244	52170	0.40	ng	-0.01

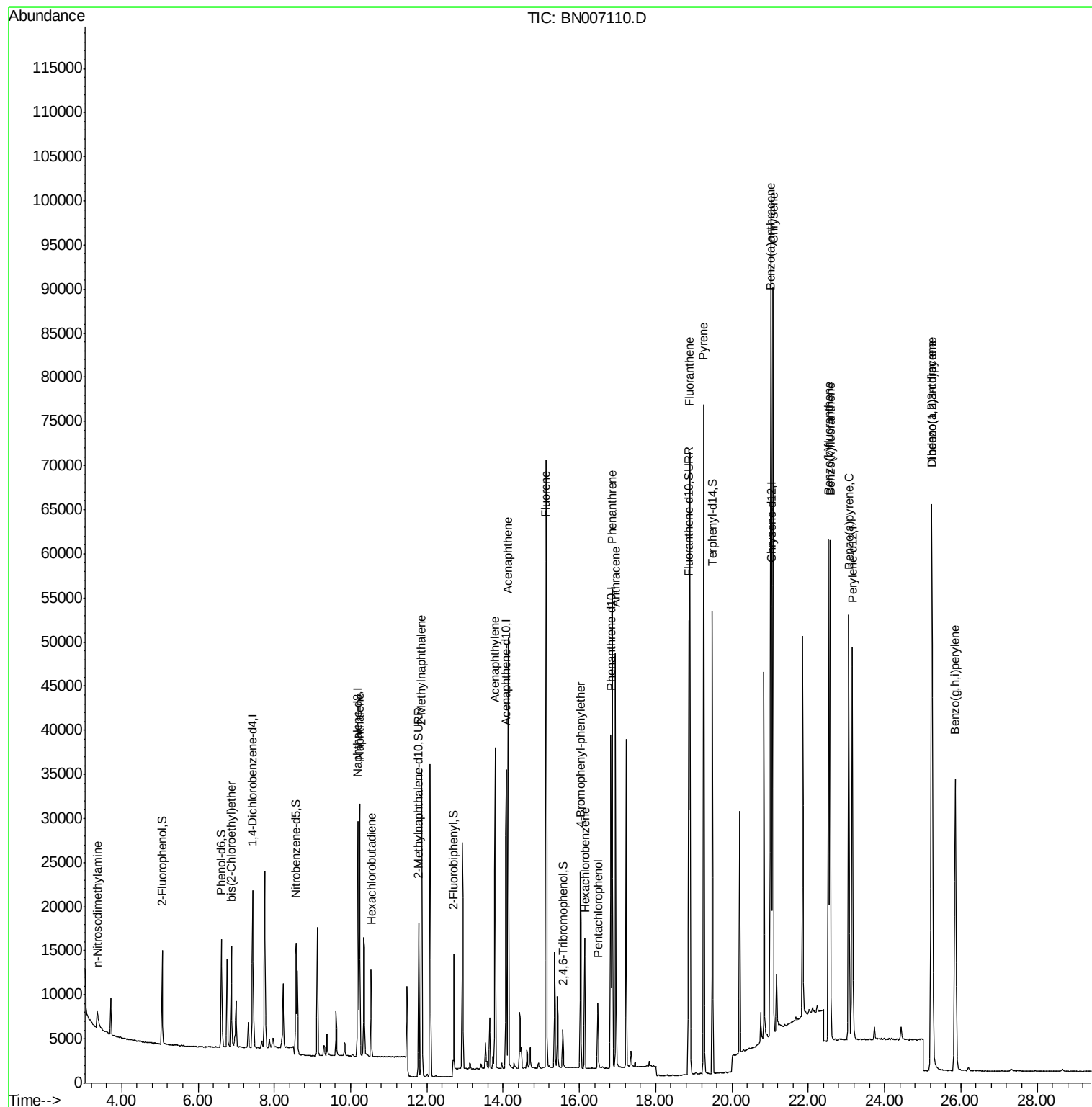
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.36	42	2077	0.347	ng	# 98
5) bis(2-Chloroethyl)ether	6.87	93	9600	0.401	ng	99
8) Naphthalene	10.24	128	36860	0.378	ng	99
9) Hexachlorobutadiene	10.54	225	7929	0.381	ng	# 99
11) 2-Methylnaphthalene	11.87	142	25788	0.373	ng	99
15) Acenaphthylene	13.79	152	40087	0.386	ng	100
16) Acenaphthene	14.13	154	24877	0.374	ng	99
17) Fluorene	15.12	166	32601	0.328	ng	100
19) 4-Bromophenyl-phenylether	16.03	248	11462	0.396	ng	# 83
20) Hexachlorobenzene	16.14	284	11458	0.412	ng	100
21) Pentachlorophenol	16.48	266	3831	0.369	ng	97
22) Phenanthrene	16.87	178	54980	0.392	ng	100
23) Anthracene	16.95	178	49480	0.386	ng	100
25) Fluoranthene	18.90	202	66025	0.368	ng	100
27) Pyrene	19.26	202	67519	0.399	ng	100
29) Benzo(a)anthracene	21.02	228	68536	0.388	ng	99
30) Chrysene	21.08	228	68345	0.398	ng	100
31) Indeno(1,2,3-cd)pyrene	25.23	276	80771	0.427	ng	99
33) Benzo(b)fluoranthene	22.53	252	71249	0.391	ng	100
34) Benzo(k)fluoranthene	22.58	252	67314	0.374	ng	99
35) Benzo(a)pyrene	23.06	252	64775	0.392	ng	100
36) Dibenzo(a,h)anthracene	25.25	278	65423	0.397	ng	98
37) Benzo(g,h,i)perylene	25.85	276	66030	0.390	ng	99

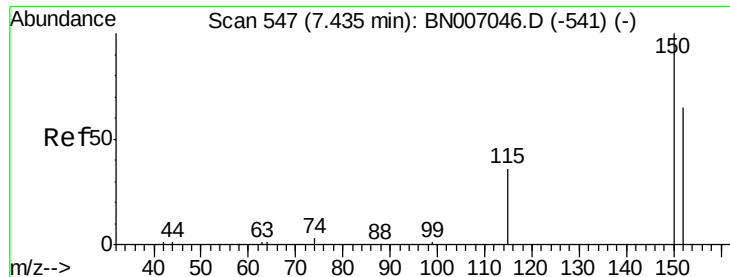
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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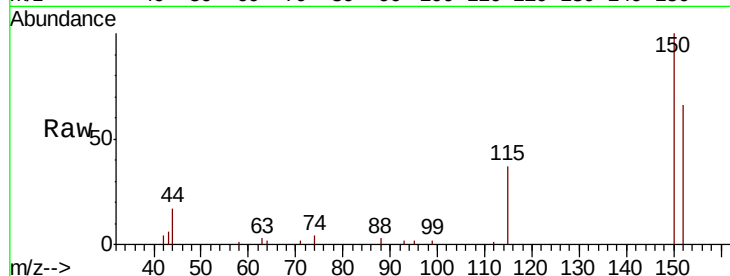


#1

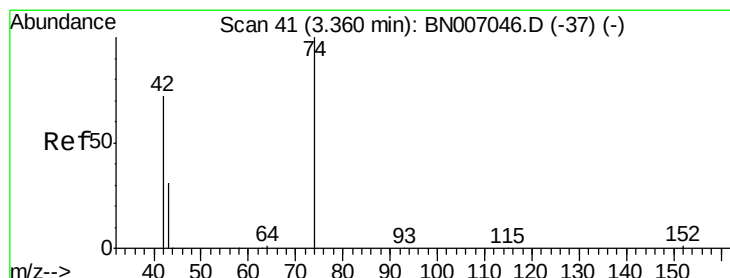
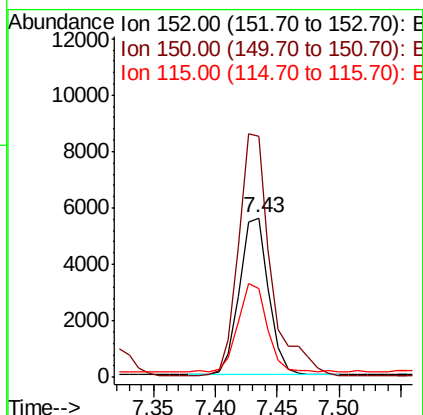
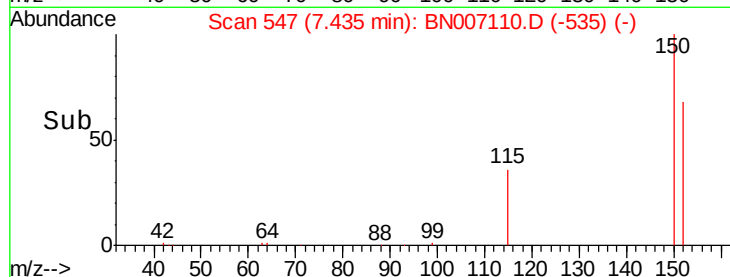
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007110.D
Acq: 13 Aug 2019 02:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 9093
Ion Ratio Lower Upper
152 100
150 150.9 121.7 182.5
115 56.1 46.2 69.4



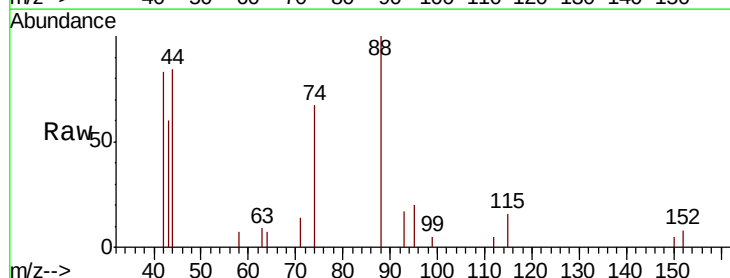
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



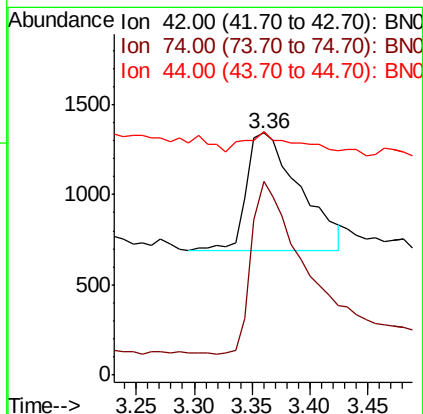
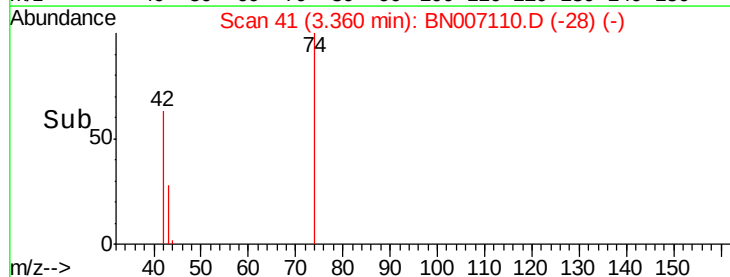
#2

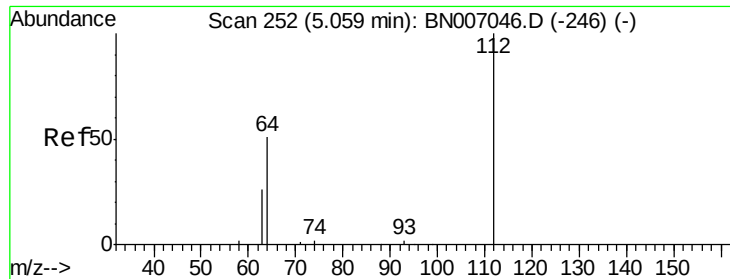
n-Nitrosodimethylamine
Concen: 0.347 ng
RT: 3.36 min Scan# 41
Delta R.T. 0.00 min
Lab File: BN007110.D
Acq: 13 Aug 2019 02:06

Tgt Ion: 42 Resp: 2077
Ion Ratio Lower Upper
42 100
74 141.3 110.6 166.0
44 14.3 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: 0.403 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Instrument :

BNA_N

ClientSampled :

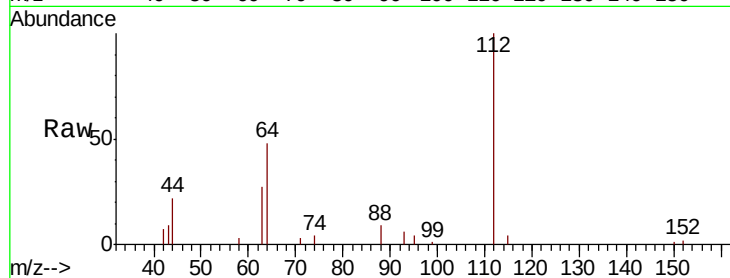
Tot Ion:112 Resp: 8810

Ion Ratio Lower Upper

112 100

64 51.9 42.6 63.8

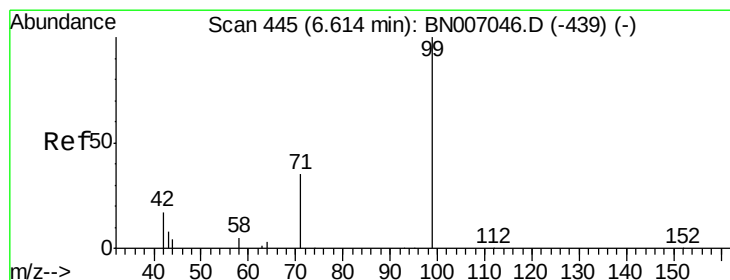
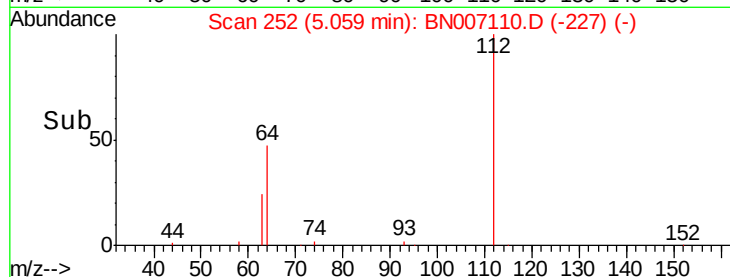
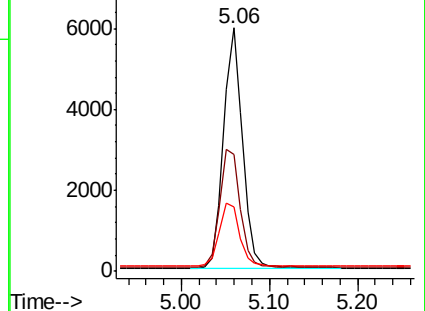
63 27.9 22.2 33.2



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: 0.422 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

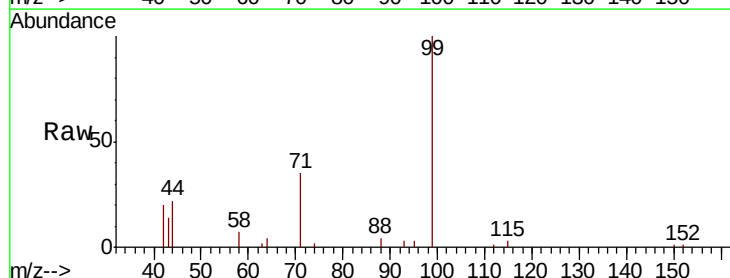
Tgt Ion: 99 Resp: 11411

Ion Ratio Lower Upper

99 100

42 18.8 15.8 23.6

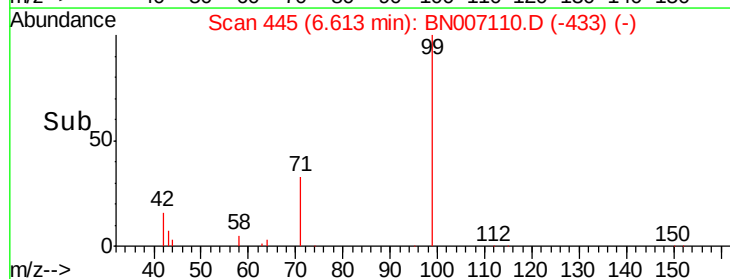
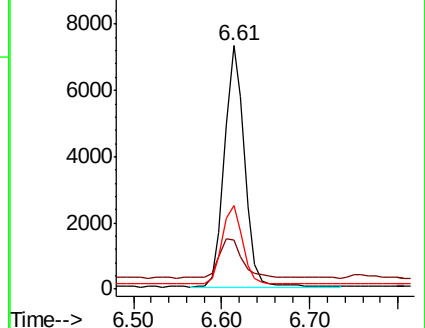
71 33.8 27.0 40.4

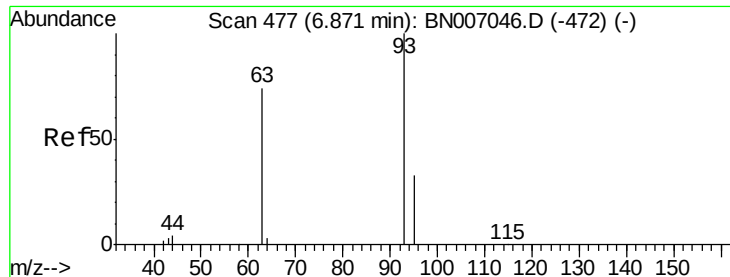


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#5

bis(2-Chloroethyl)ether

Concen: 0.401 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Instrument :

BNA_N

ClientSampleId :

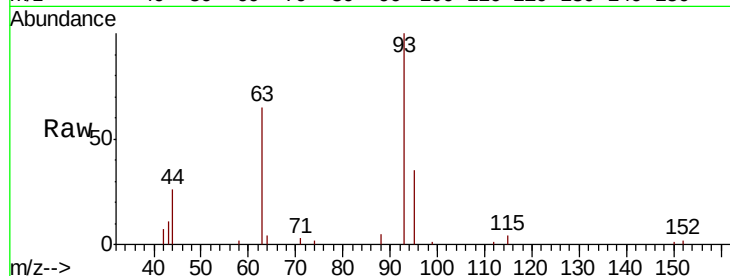
Tot Ion: 93 Resp: 9600

Ion Ratio Lower Upper

93 100

63 68.3 55.6 83.4

95 33.4 26.7 40.1

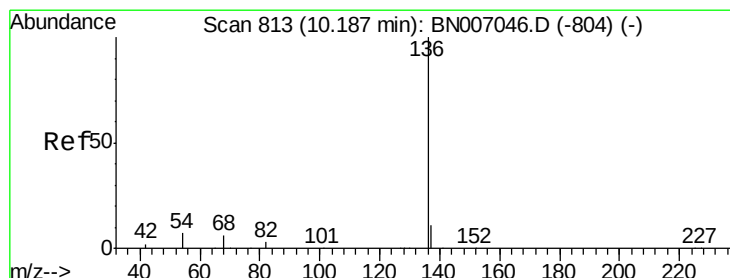
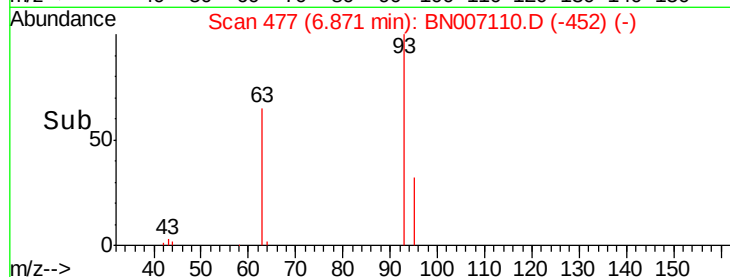
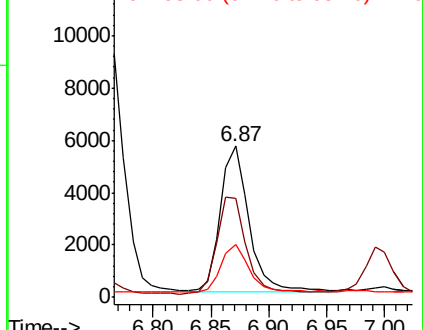


Abundance

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: 13 Aug 2019 02:06

Tgt Ion: 136 Resp: 34780

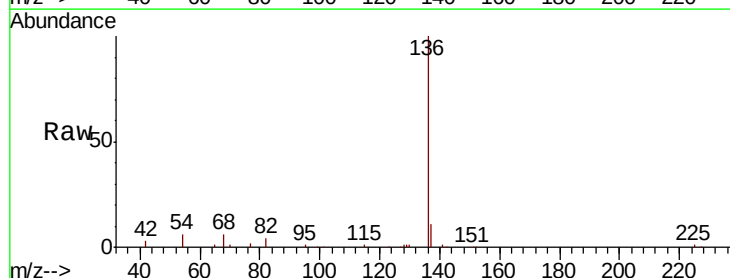
Ion Ratio Lower Upper

136 100

137 11.0 9.4 14.0

54 6.1 6.6 9.8#

68 5.6 6.0 9.0#



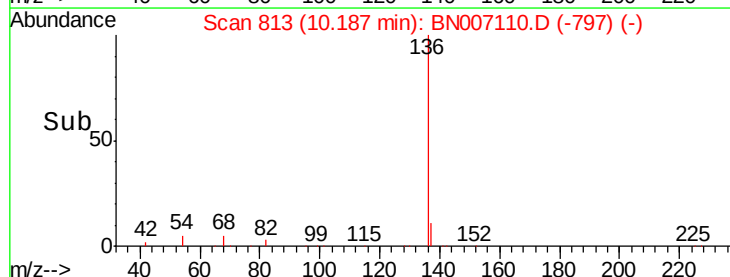
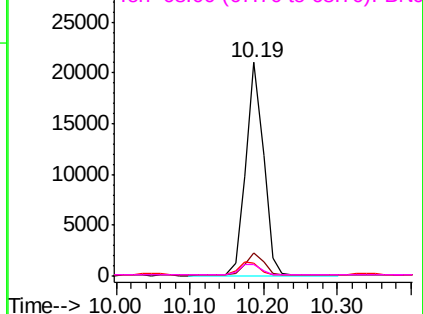
Abundance

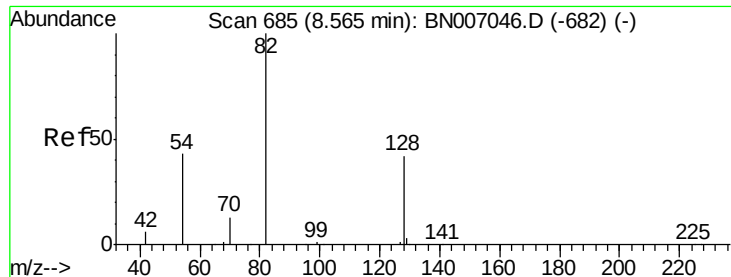
Ion 136.00 (135.70 to 136.70): E

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: 0.391 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Instrument :

BNA_N

ClientSampleId :

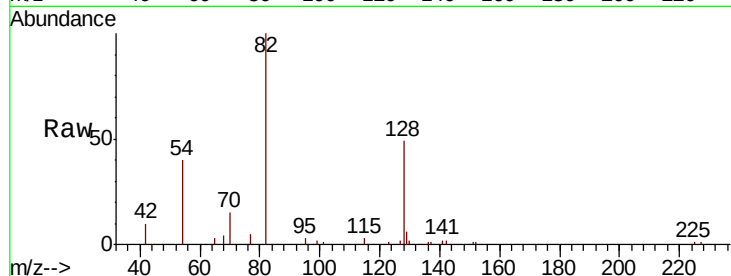
Tot Ion: 82 Resp: 10964

Ion Ratio Lower Upper

82 100

128 49.4 34.6 51.8

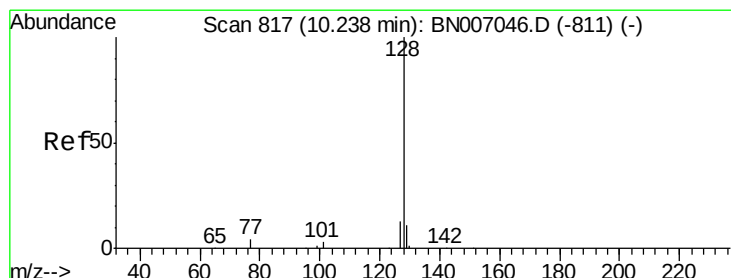
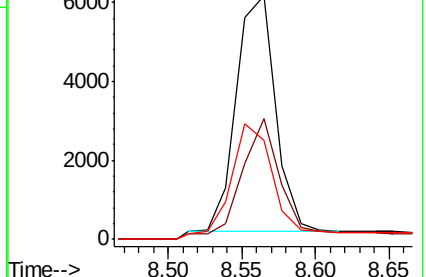
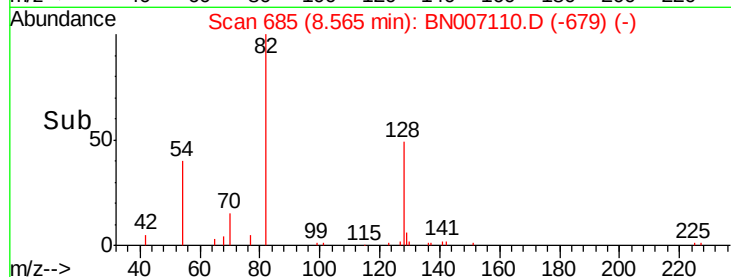
54 40.5 36.2 54.4



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: 13 Aug 2019 02:06

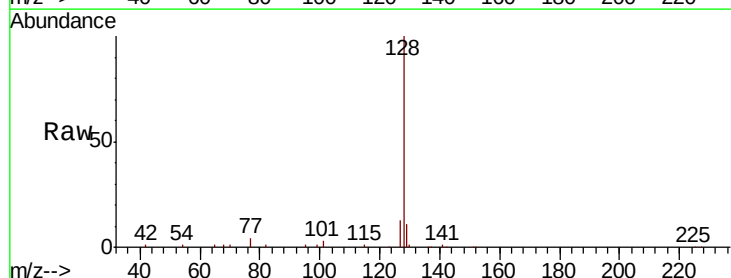
Tgt Ion: 128 Resp: 36860

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

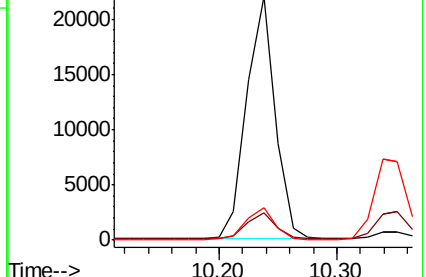
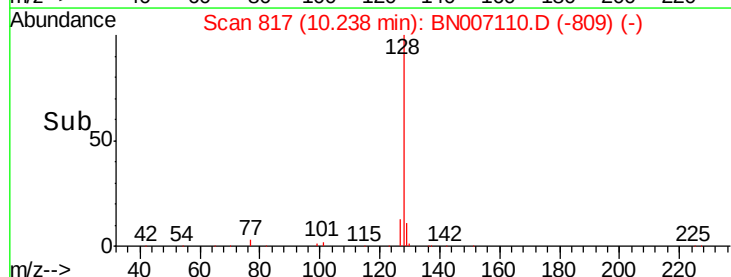
127 13.1 11.0 16.6

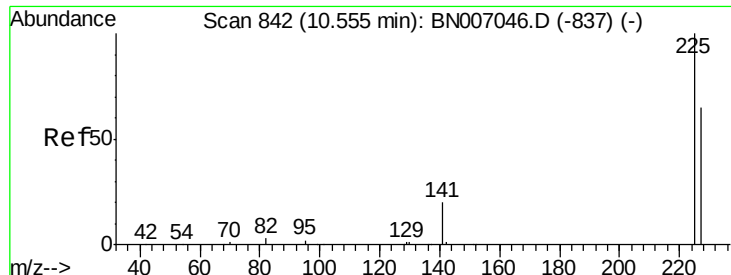


Abundance Ion 128.00 (127.70 to 128.70): BN007110.D (-809) (-)

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: 0.381 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Instrument :

BNA_N

ClientSampleId :

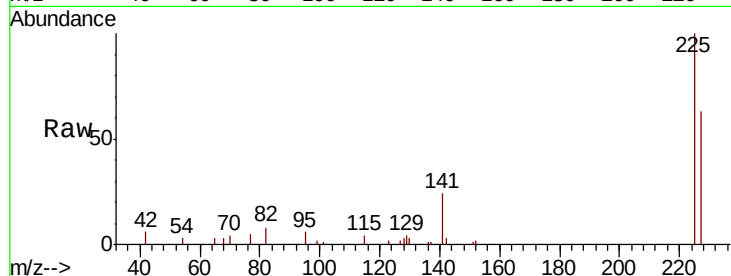
Tot Ion:225 Resp: 7929

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

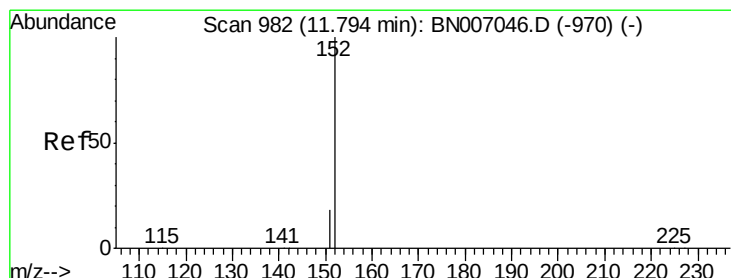
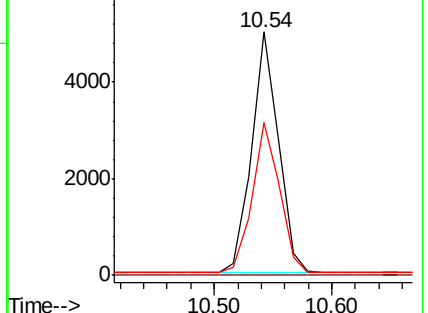
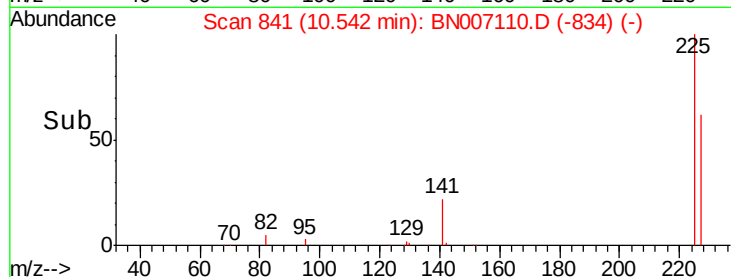
227 63.3 51.1 76.7



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: 0.373 ng

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007110.D

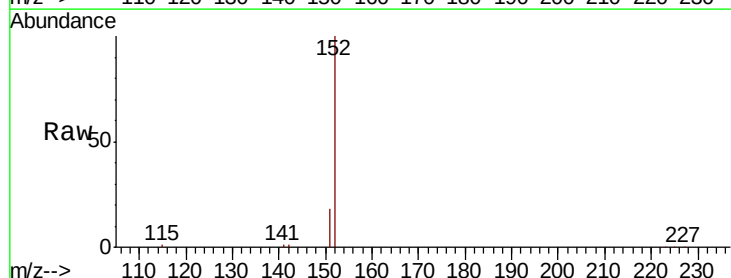
Acq: 13 Aug 2019 02:06

Tgt Ion:152 Resp: 24191

Ion Ratio Lower Upper

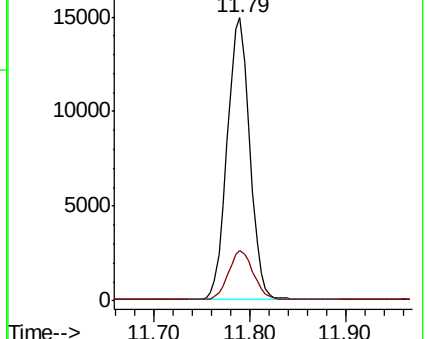
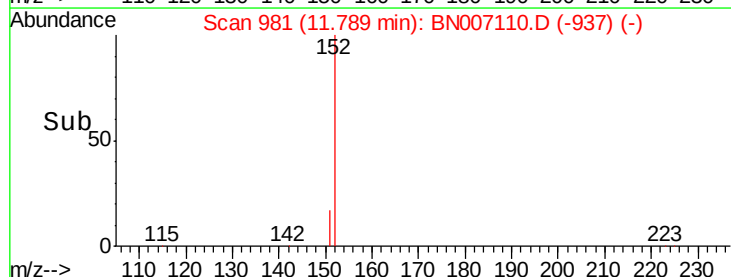
152 100

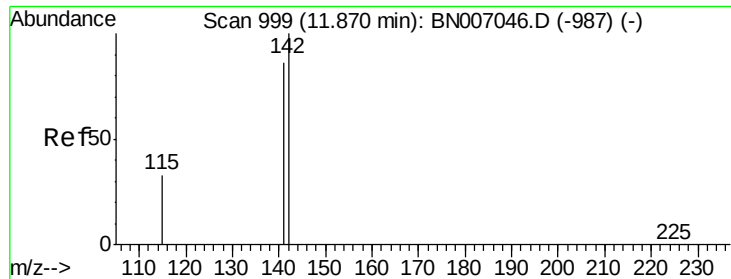
151 19.1 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

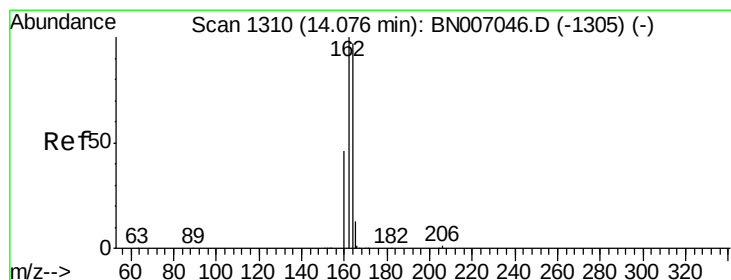
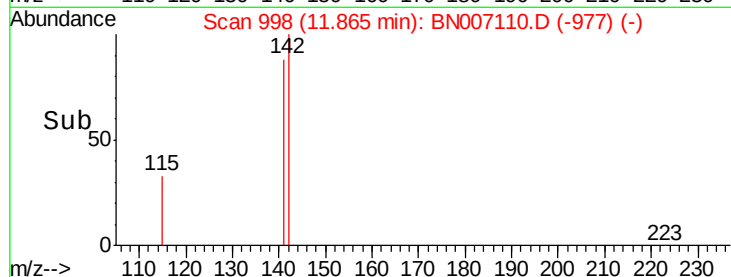
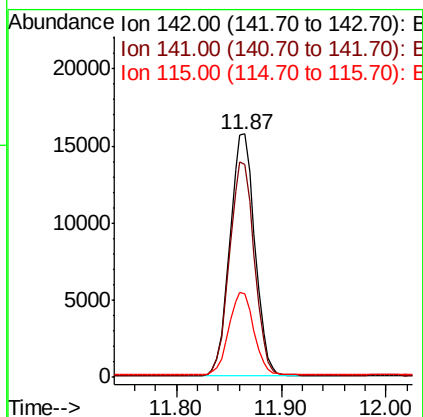
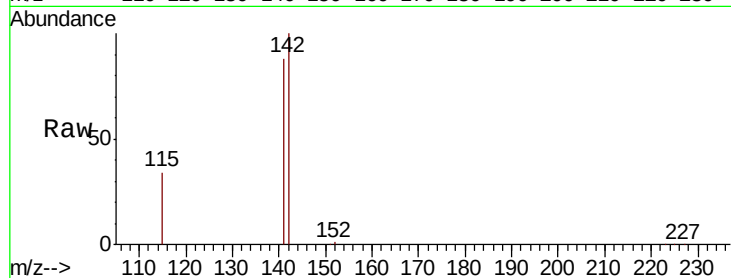




#11
2-Methylnaphthalene
Concen: 0.373 ng
RT: 11.87 min Scan# 998
Delta R.T. -0.00 min
Lab File: BN007110.D
Acq: 13 Aug 2019 02:06

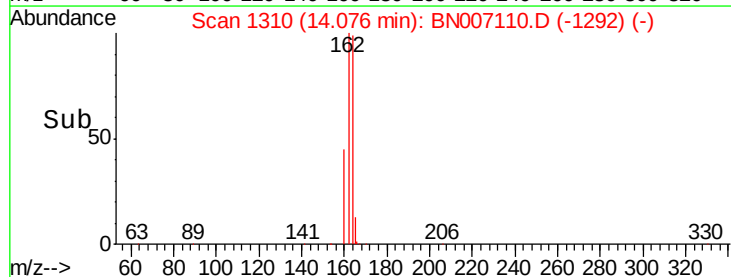
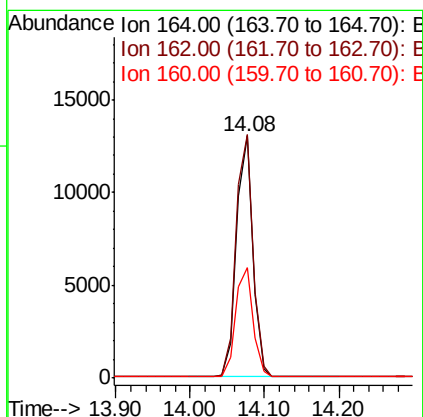
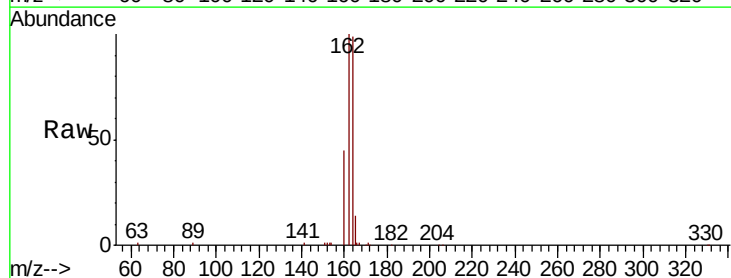
Instrument :
BNA_N
ClientSampleId :

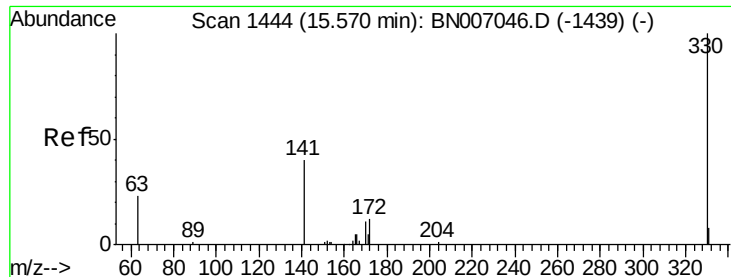
Tot Ion:142 Resp: 25788
Ion Ratio Lower Upper
142 100
141 87.7 69.0 103.6
115 34.4 27.1 40.7



#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007110.D
Acq: 13 Aug 2019 02:06

Tgt Ion:164 Resp: 19857
Ion Ratio Lower Upper
164 100
162 100.7 82.2 123.4
160 45.8 38.3 57.5

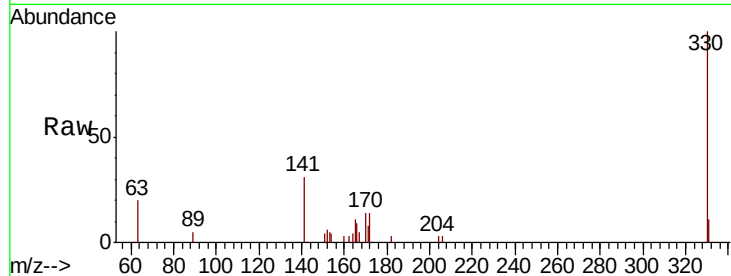




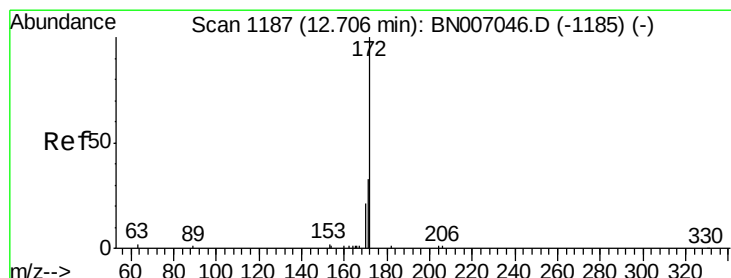
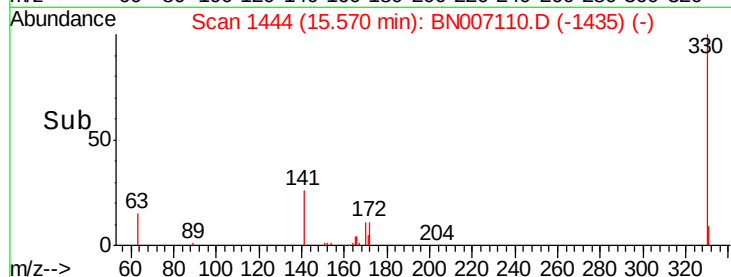
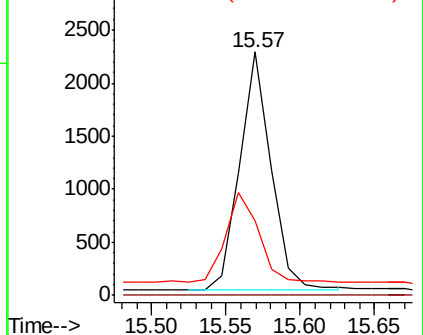
#13
 2,4,6-Tribromophenol
 Concen: 0.309 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007110.D
 Acq: 13 Aug 2019 02:06

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 3302
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.2 33.6 50.4

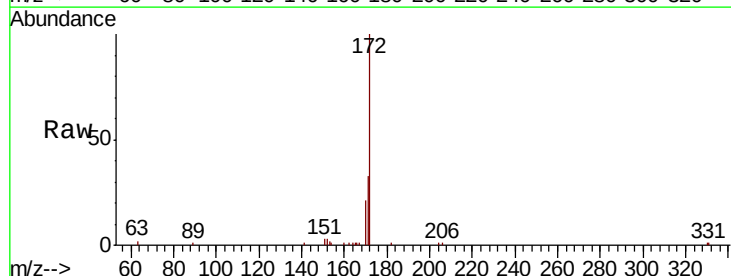


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

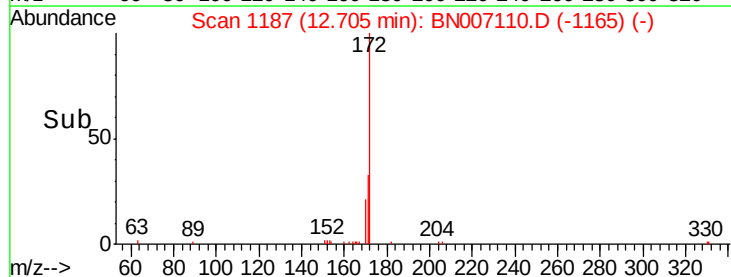
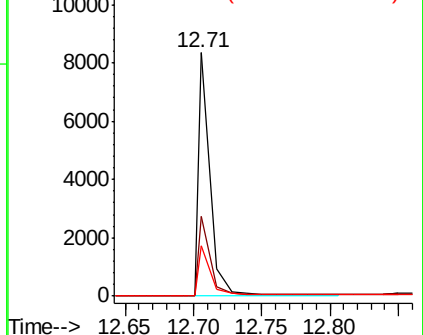


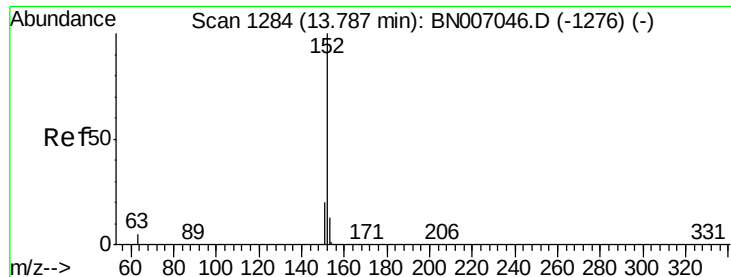
#14
 2-Fluorobiphenyl
 Concen: 0.206 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007110.D
 Acq: 13 Aug 2019 02:06

Tgt Ion:172 Resp: 5944
 Ion Ratio Lower Upper
 172 100
 171 32.7 26.3 39.5
 170 20.7 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: 0.386 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Instrument :

BNA_N

ClientSampleId :

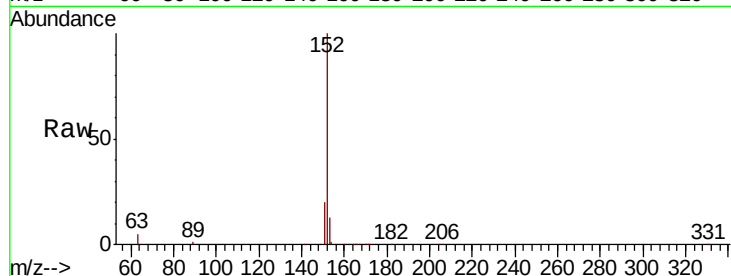
Tot Ion:152 Resp: 40087

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

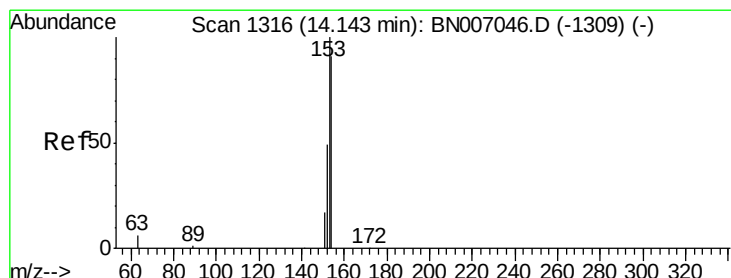
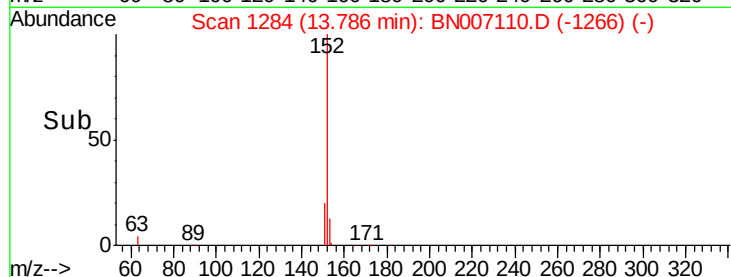
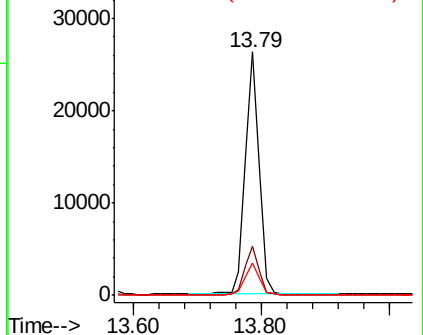
153 12.9 10.4 15.6



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: 13 Aug 2019 02:06

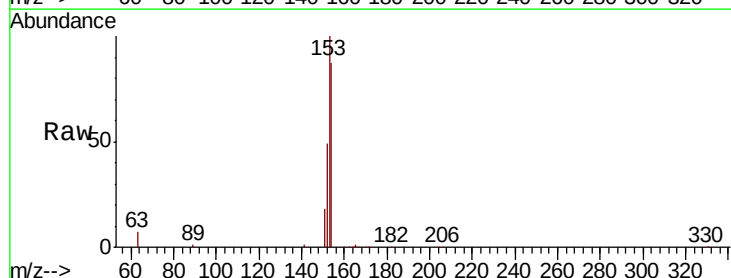
Tgt Ion:154 Resp: 24877

Ion Ratio Lower Upper

154 100

153 112.1 89.5 134.3

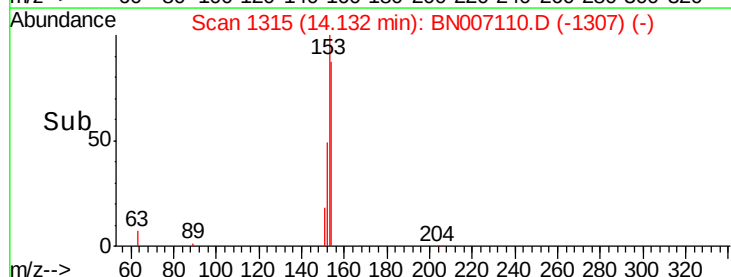
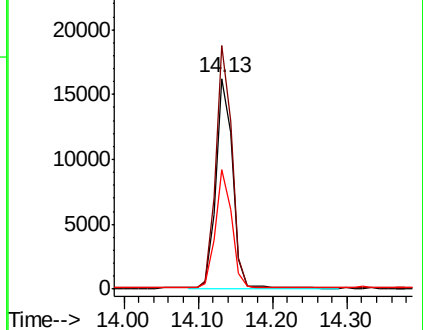
152 55.0 44.8 67.2

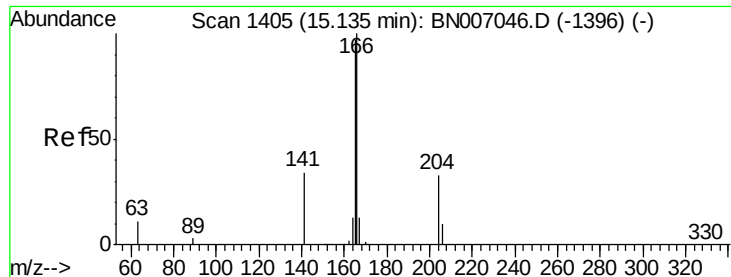


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.328 ng

RT: 15.12 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Instrument :

BNA_N

ClientSampled :

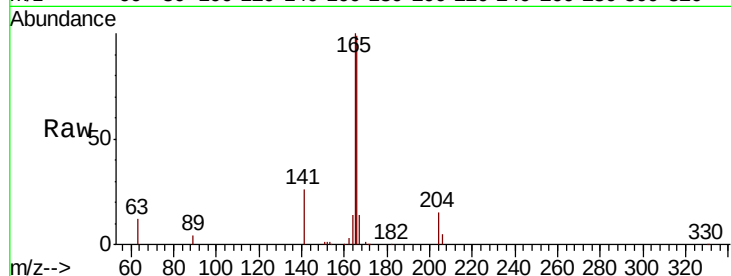
Tot Ion:166 Resp: 32601

Ion Ratio Lower Upper

166 100

165 97.7 77.9 116.9

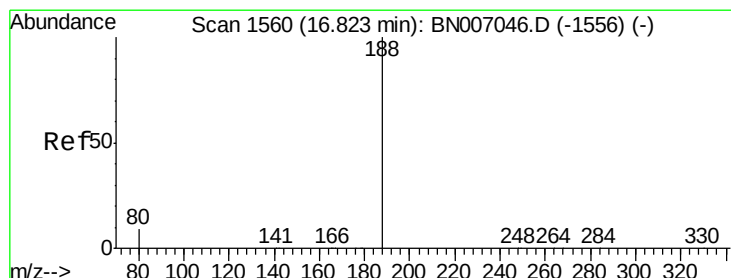
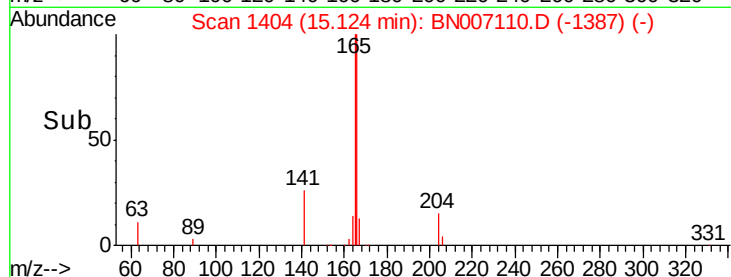
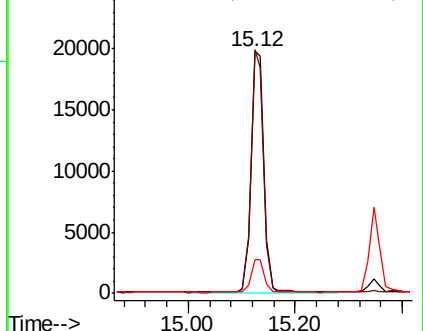
167 13.5 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.82 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

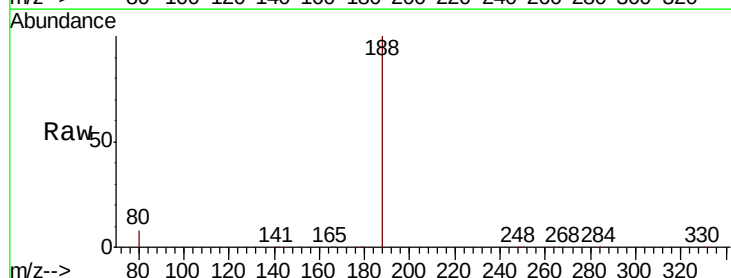
Tgt Ion:188 Resp: 46799

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

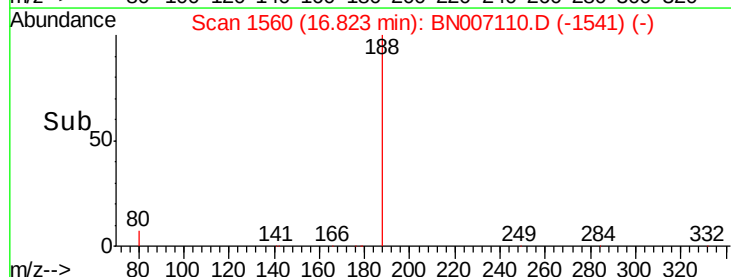
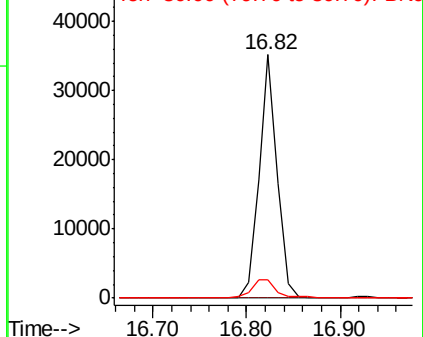
80 7.6 7.8 11.6#

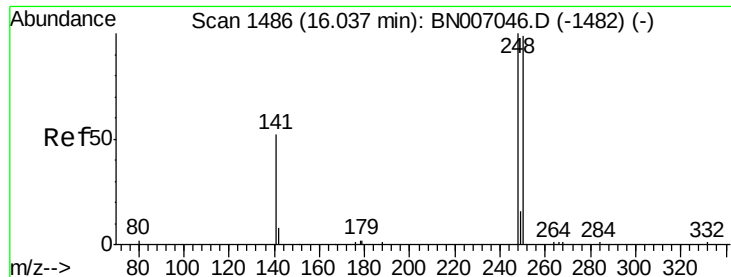


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13 Aug 2019 02:06

Instrument :

BNA_N

ClientSampled :

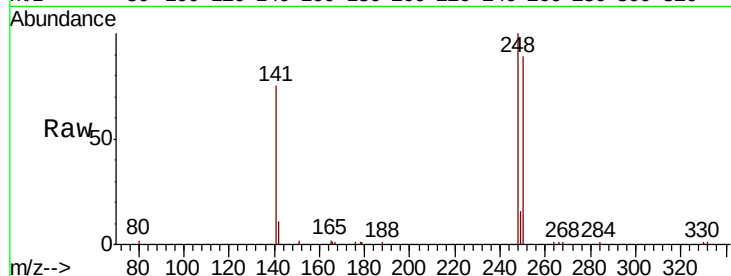
Tot Ion:248 Resp: 11462

Ion Ratio Lower Upper

248 100

250 88.9 78.9 118.3

141 75.2 43.3 64.9#

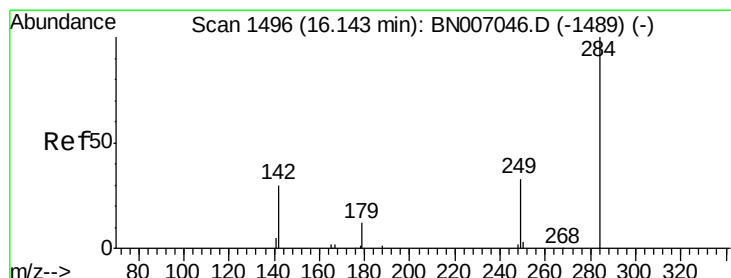
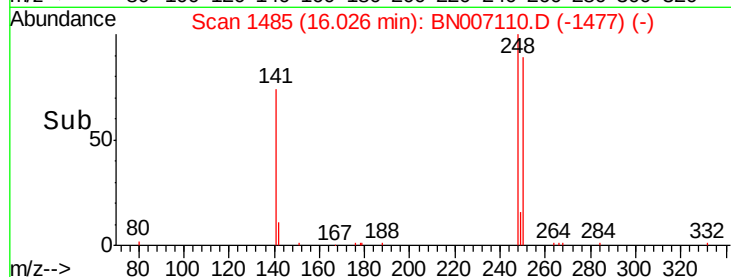
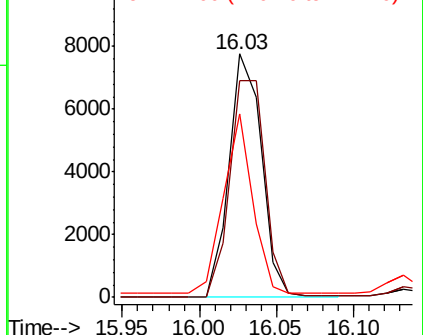


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#20

Hexachlorobenzene

Concen: 0.412 ng

RT: 16.14 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

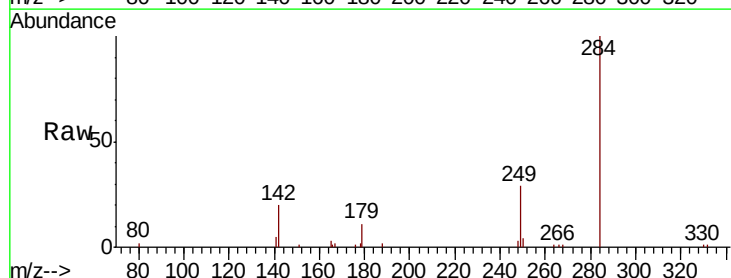
Tgt Ion:284 Resp: 11458

Ion Ratio Lower Upper

284 100

142 37.9 30.5 45.7

249 33.1 26.7 40.1

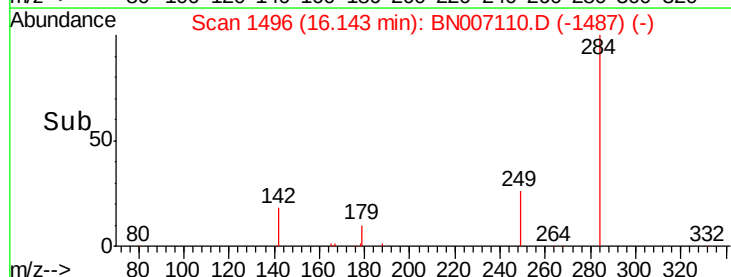
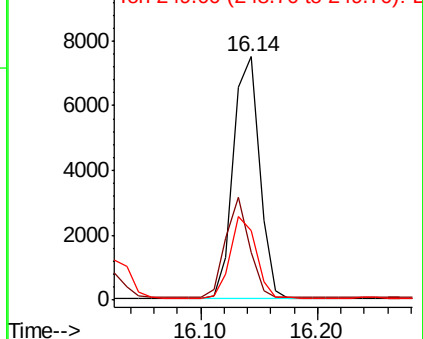


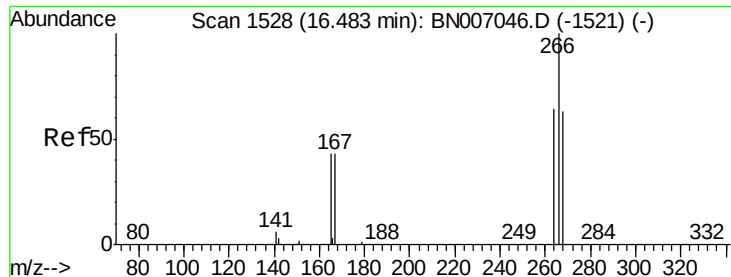
Abundance

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

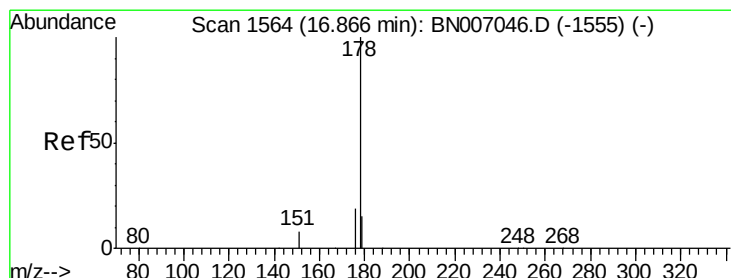
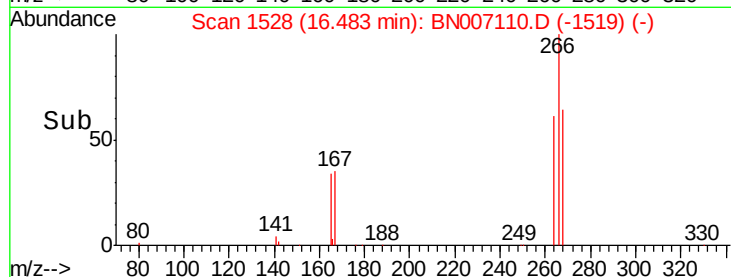
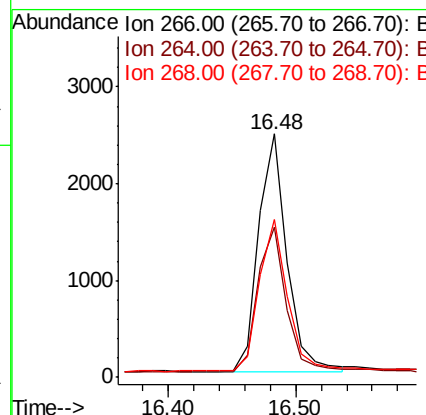
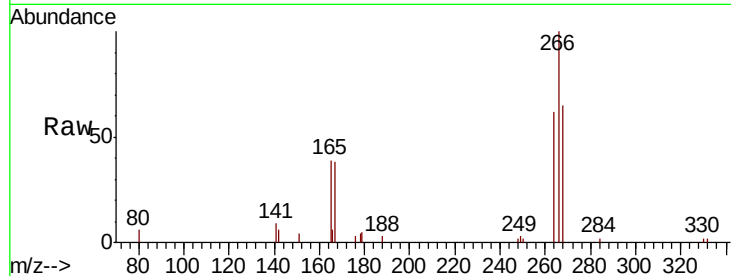




#21
 Pentachlorophenol
 Concen: 0.369 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007110.D
 Acq: 13 Aug 2019 02:06

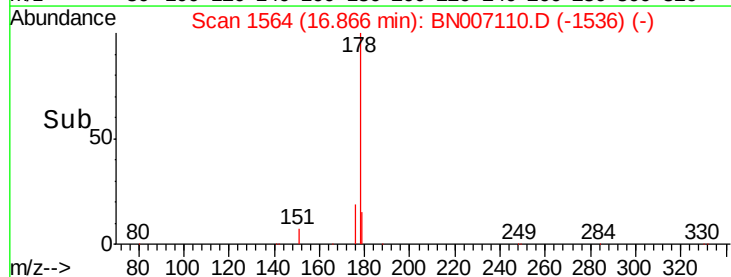
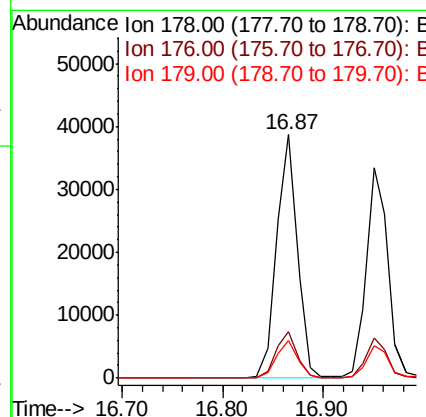
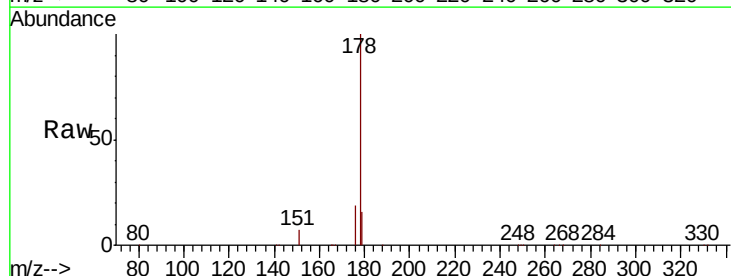
Instrument :
 BNA_N
 ClientSampleId :

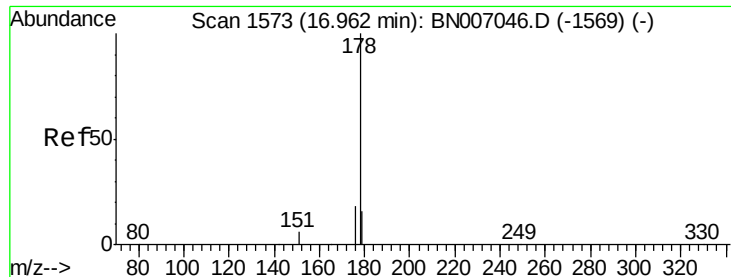
Tot Ion:266	Resp:	3831
Ion Ratio	Lower	Upper
266	100	
264	61.7	52.3 78.5
268	64.9	51.5 77.3



#22
 Phenanthrene
 Concen: 0.392 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007110.D
 Acq: 13 Aug 2019 02:06

Tgt Ion:178	Resp:	54980
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.2 22.8
179	15.5	12.3 18.5





#23

Anthracene

Concen: 0.386 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

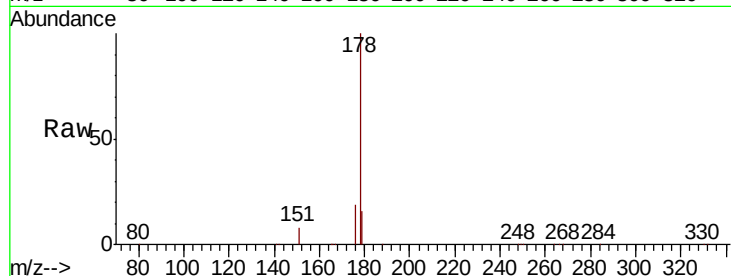
Instrument :

BNA_N

ClientSampled :

Tot Ion:178 Resp: 49480

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.5	12.5	18.7

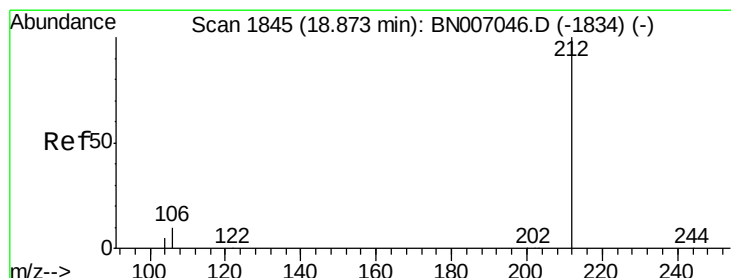
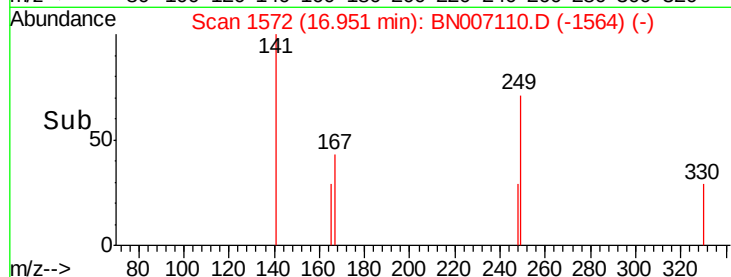
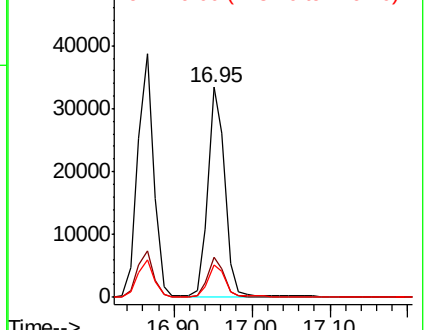


Abundance

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: 0.362 ng

RT: 18.87 min Scan# 1844

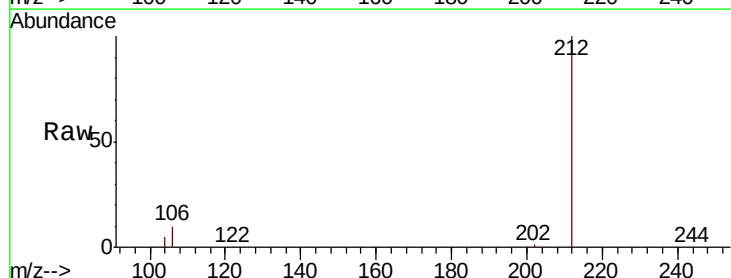
Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Tgt Ion:212 Resp: 60121

Ion	Ratio	Lower	Upper
212	100		
106	10.2	8.2	12.2
104	5.7	4.5	6.7

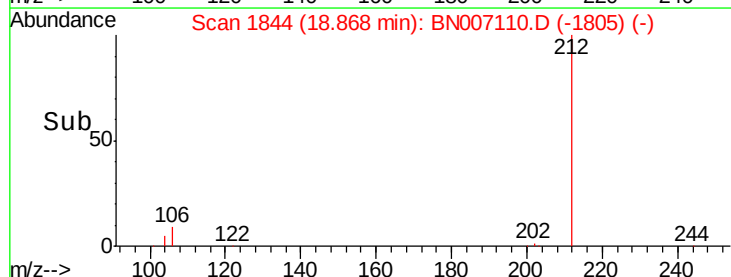
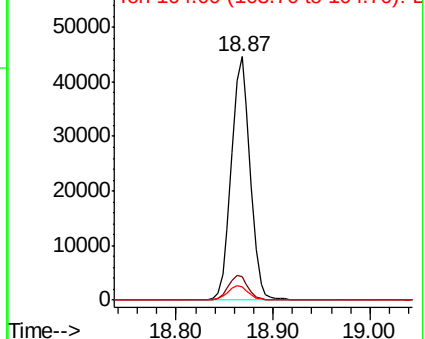


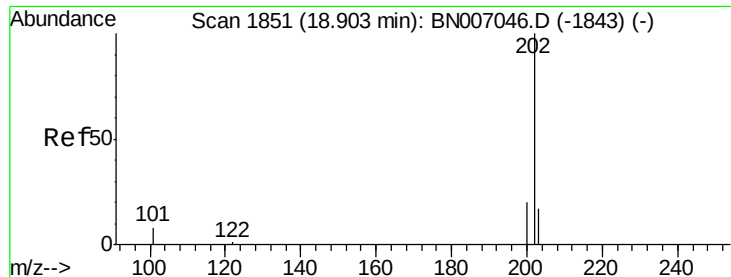
Abundance

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: 0.368 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Instrument :

BNA_N

ClientSampleId :

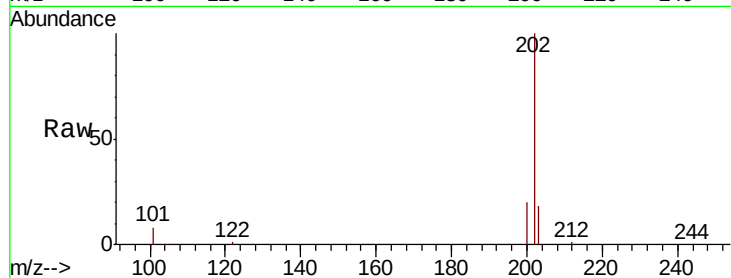
Tot Ion:202 Resp: 66025

Ion Ratio Lower Upper

202 100

101 8.7 7.0 10.4

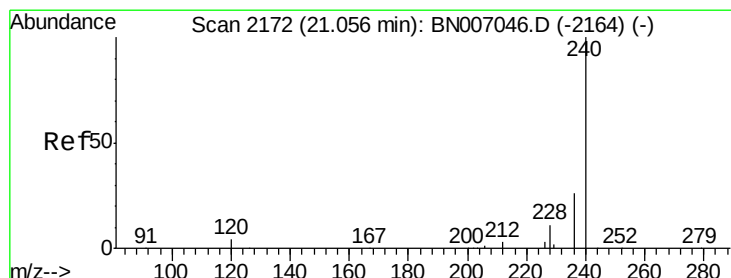
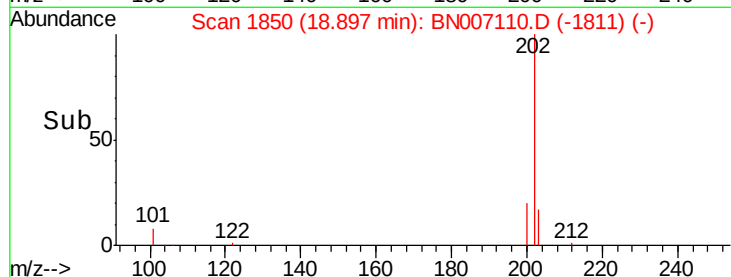
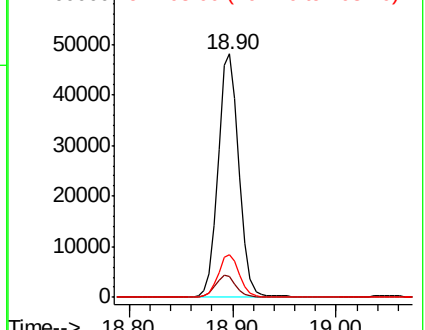
203 17.3 13.8 20.8



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: 13 Aug 2019 02:06

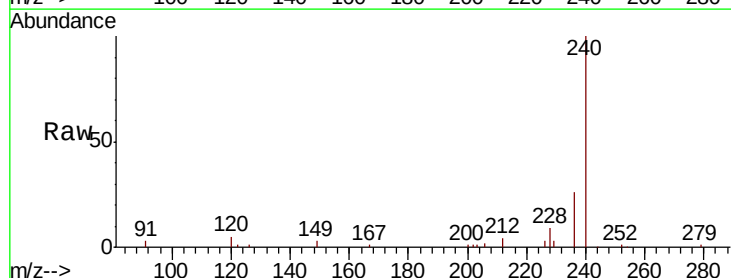
Tgt Ion:240 Resp: 48300

Ion Ratio Lower Upper

240 100

120 4.9 4.0 6.0

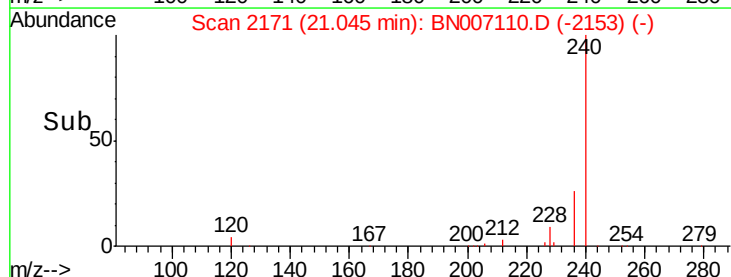
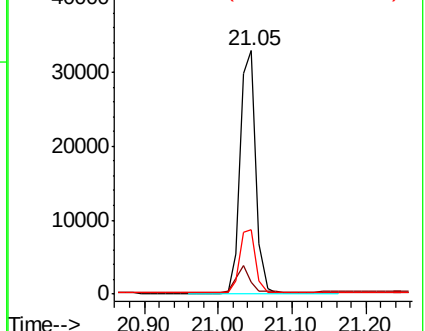
236 26.4 21.3 31.9

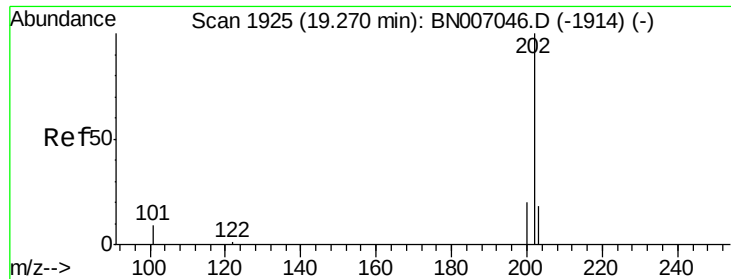


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

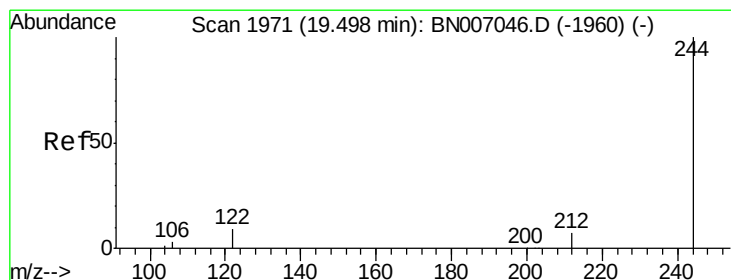
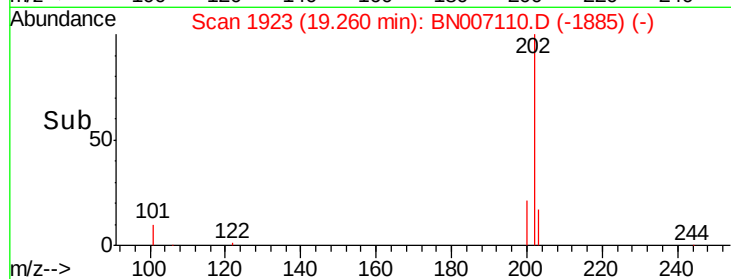
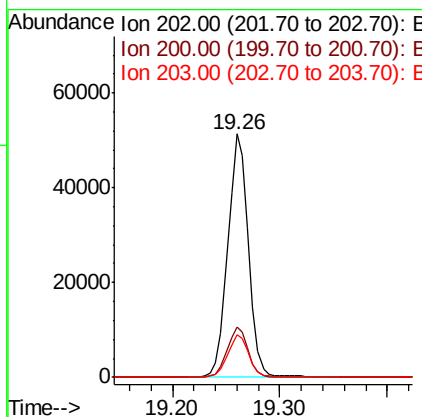
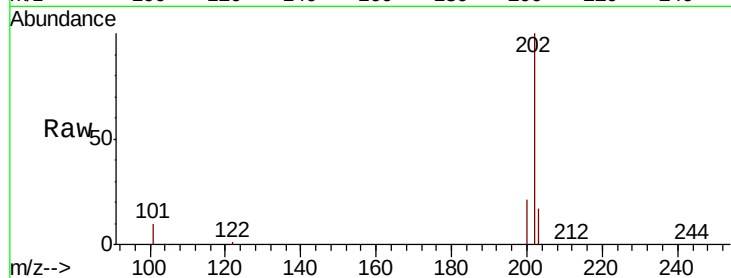




#27
Pvrene
Concen: 0.399 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007110.D
Acq: 13 Aug 2019 02:06

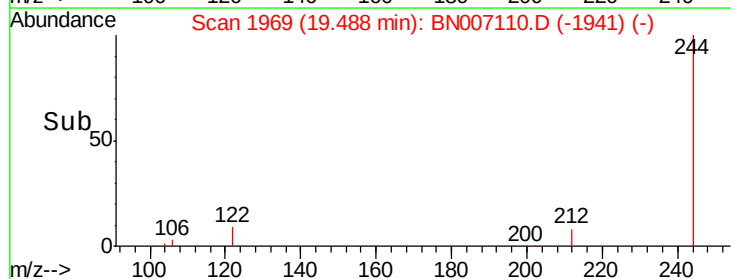
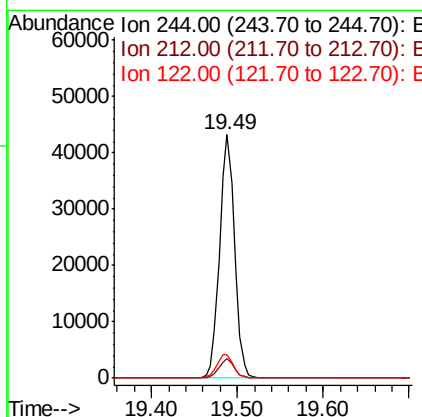
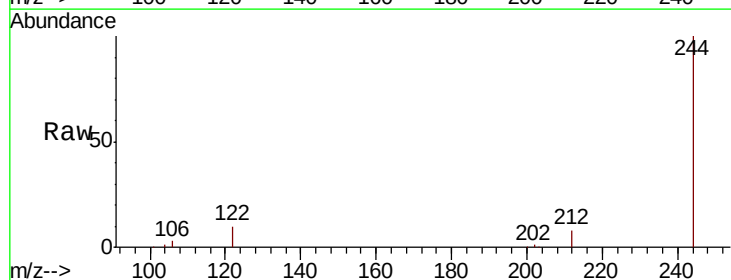
Instrument :
BNA_N
ClientSampleId :

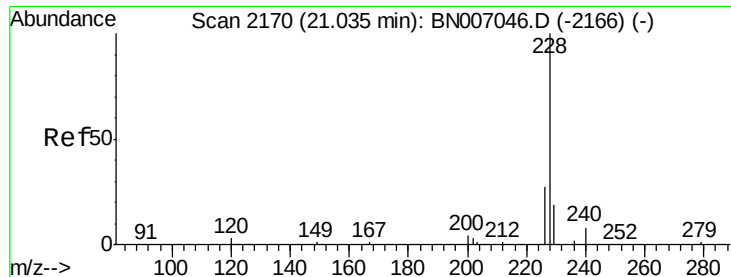
Tot Ion:202 Resp: 67519
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 17.5 14.0 21.0



#28
Terphenyl-d14
Concen: 0.396 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007110.D
Acq: 13 Aug 2019 02:06

Tgt Ion:244 Resp: 52170
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 9.5 7.4 11.2





#29

Benzo(a)anthracene

Concen: 0.388 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Instrument :

BNA_N

ClientSampleId :

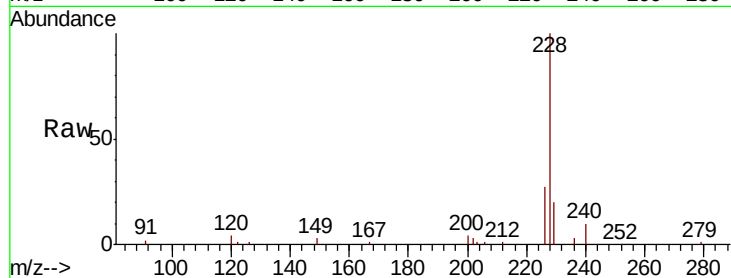
Tot Ion:228 Resp: 68536

Ion Ratio Lower Upper

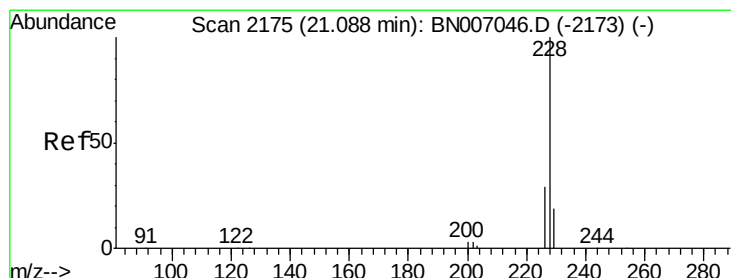
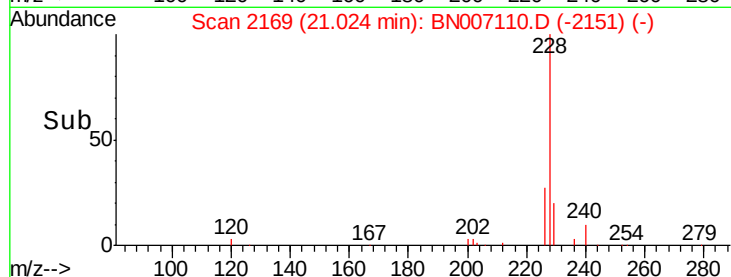
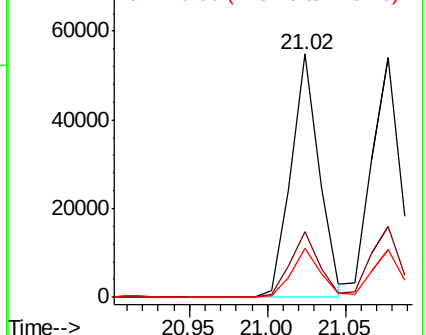
228 100

226 27.1 21.8 32.6

229 20.0 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#30

Chrysene

Concen: 0.398 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

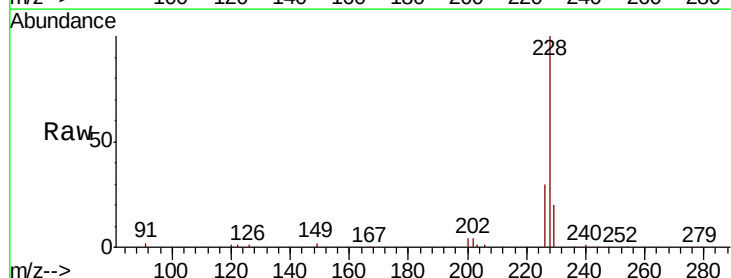
Tgt Ion:228 Resp: 68345

Ion Ratio Lower Upper

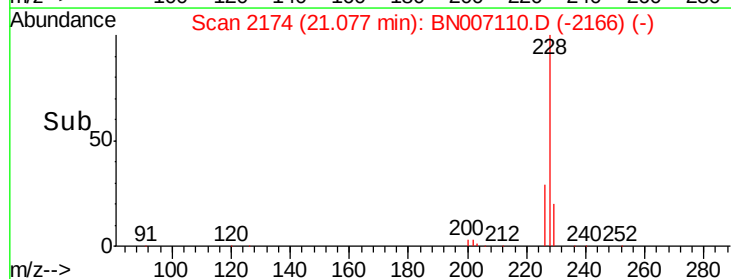
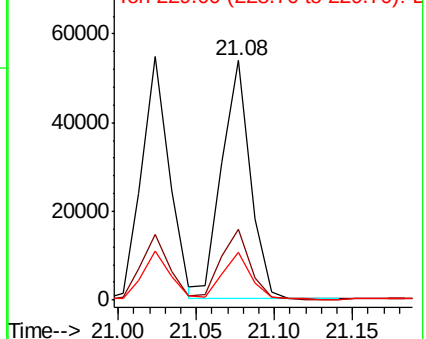
228 100

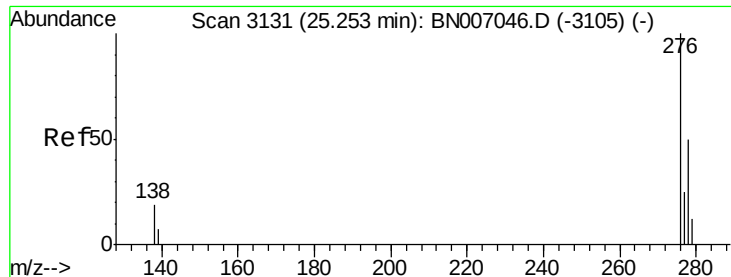
226 29.6 23.8 35.6

229 19.9 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

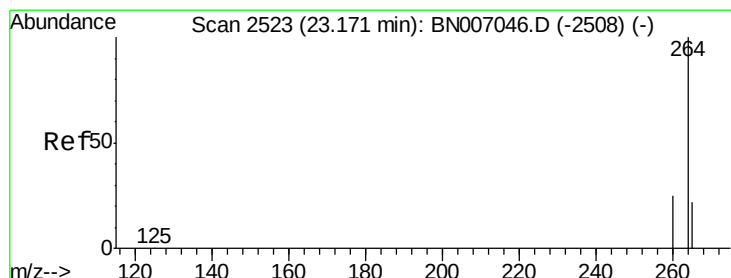
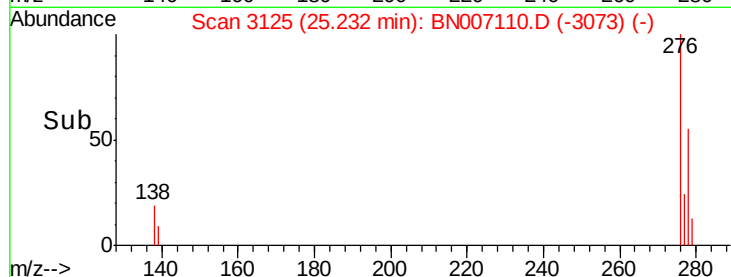
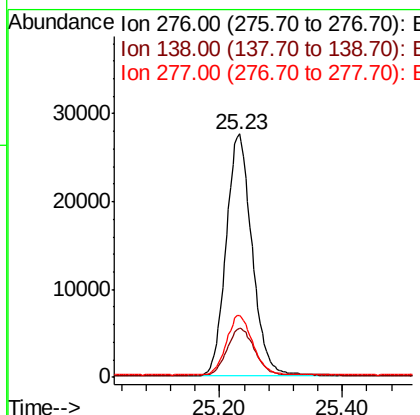
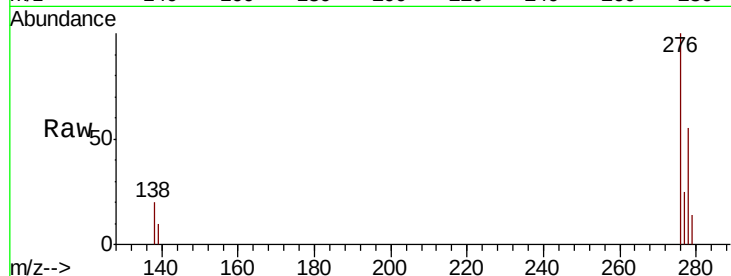




#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.427 ng
 RT: 25.23 min Scan# 3125
 Delta R.T. -0.02 min
 Lab File: BN007110.D
 Acq: 13 Aug 2019 02:06

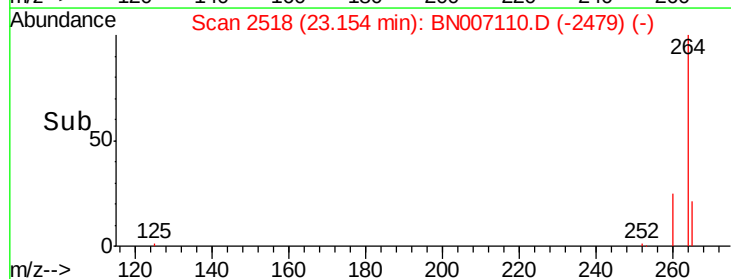
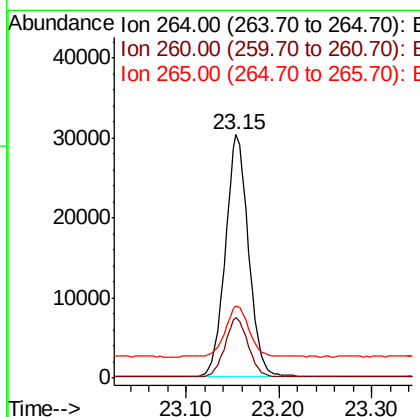
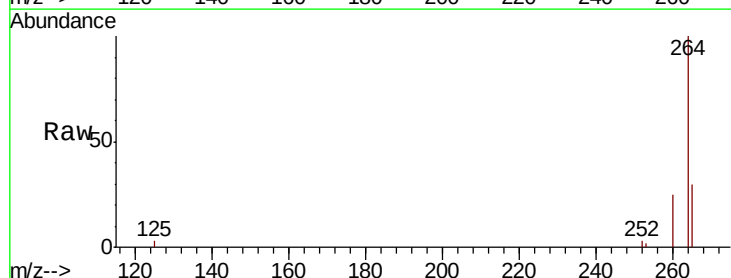
Instrument :
 BNA_N
 ClientSampleId :

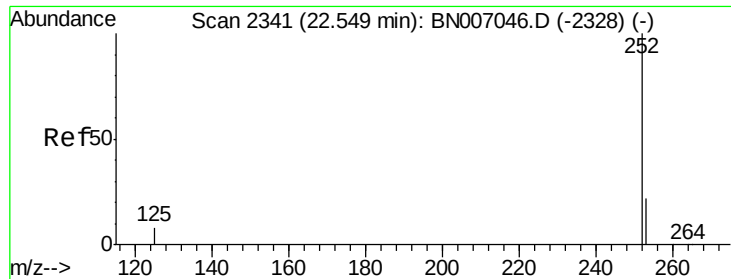
Tot Ion:276 Resp: 80771
 Ion Ratio Lower Upper
 276 100
 138 20.8 16.0 24.0
 277 24.9 19.9 29.9



#32
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.15 min Scan# 2518
 Delta R.T. -0.02 min
 Lab File: BN007110.D
 Acq: 13 Aug 2019 02:06

Tgt Ion:264 Resp: 53122
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.8 29.8
 265 29.7 26.2 39.4





#33

Benzo(b)fluoranthene

Concen: 0.391 ng

RT: 22.53 min Scan# 2337

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Instrument :

BNA_N

ClientSampleId :

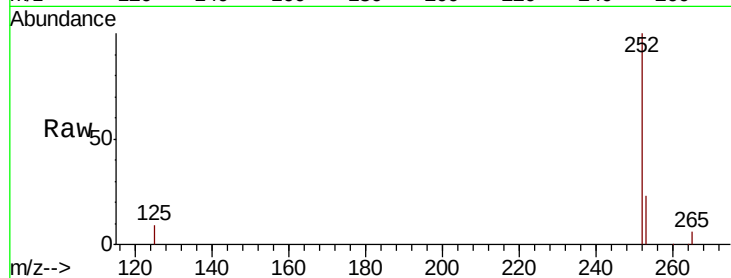
Tot Ion:252 Resp: 71249

Ion Ratio Lower Upper

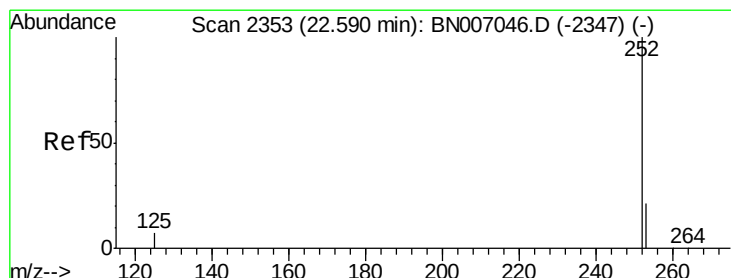
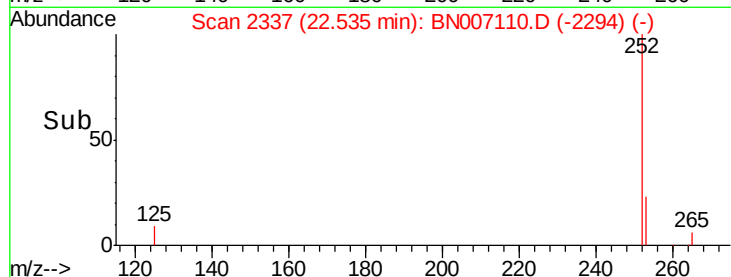
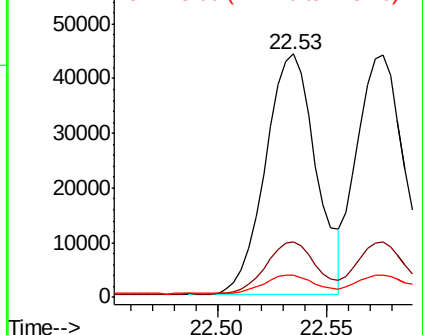
252 100

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: 0.374 ng

RT: 22.58 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

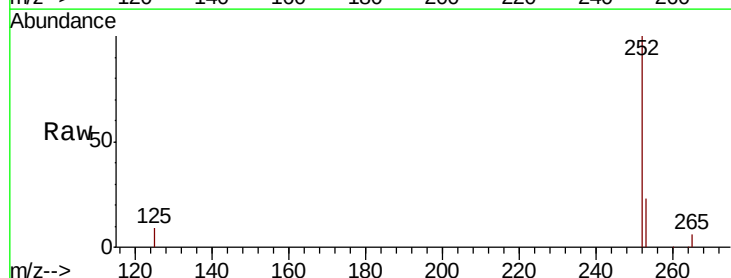
Tgt Ion:252 Resp: 67314

Ion Ratio Lower Upper

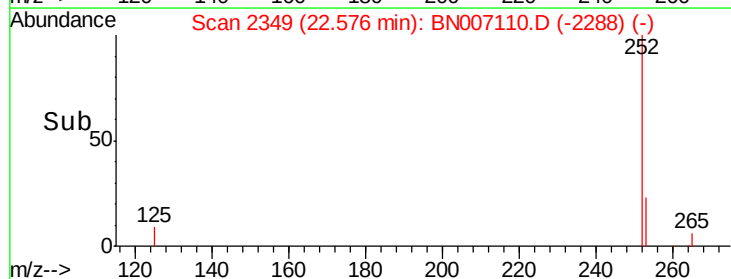
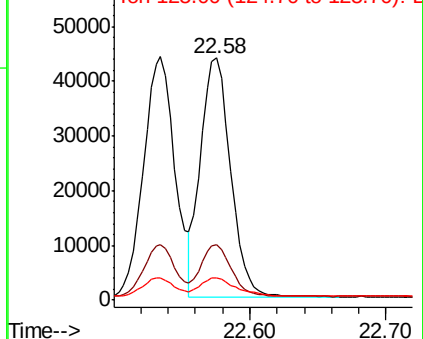
252 100

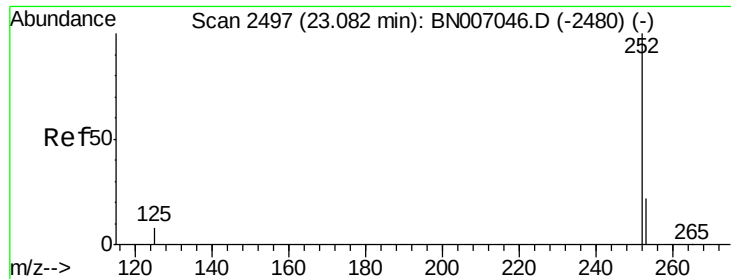
253 22.9 18.1 27.1

125 9.3 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

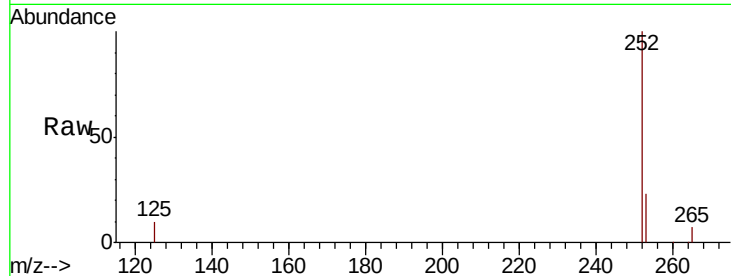




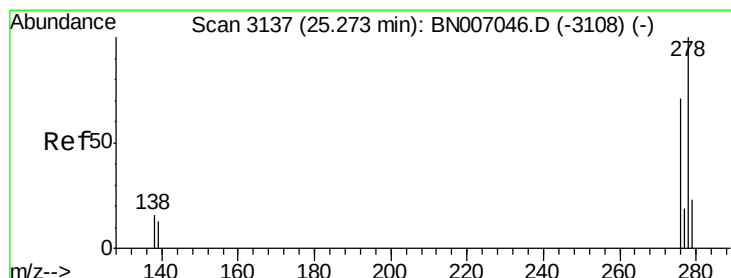
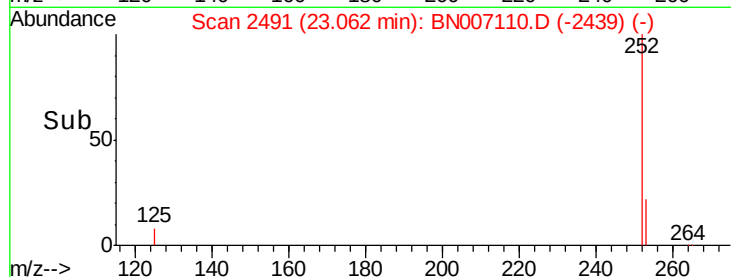
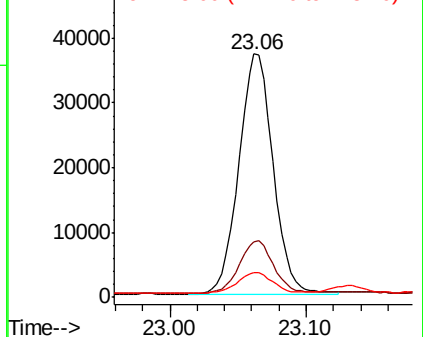
#35
Benzo(a)pyrene
Concen: 0.392 ng
RT: 23.06 min Scan# 2491
Delta R.T. -0.02 min
Lab File: BN007110.D
Acq: 13 Aug 2019 02:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 64775
Ion Ratio Lower Upper
252 100
253 23.0 18.5 27.7
125 10.3 8.2 12.4

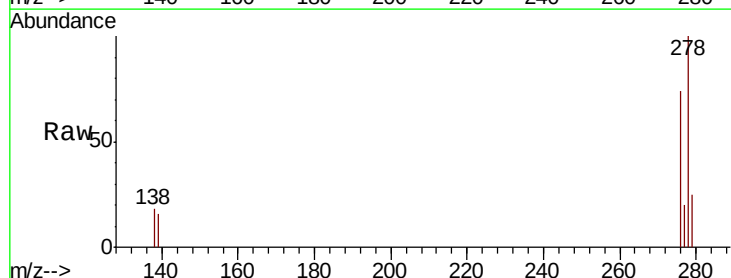


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

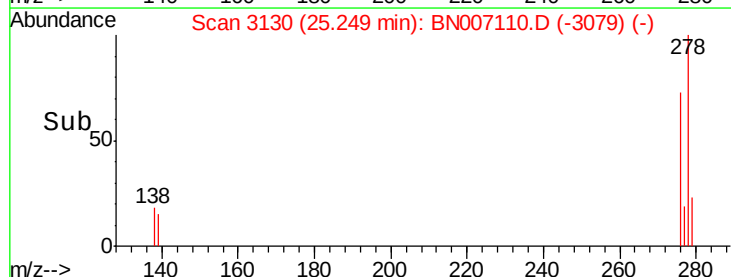
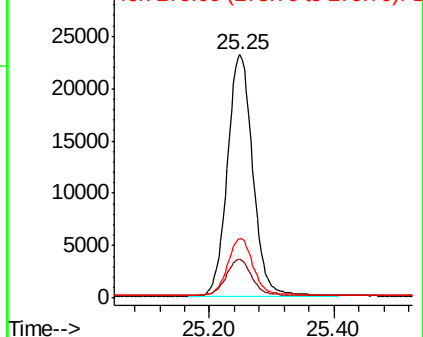


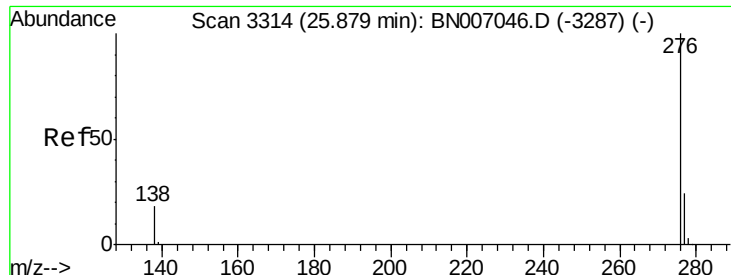
#36
Dibenzo(a,h)anthracene
Concen: 0.397 ng
RT: 25.25 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BN007110.D
Acq: 13 Aug 2019 02:06

Tgt Ion:278 Resp: 65423
Ion Ratio Lower Upper
278 100
139 15.7 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: 25.85 min Scan# 3307

Delta R.T. -0.02 min

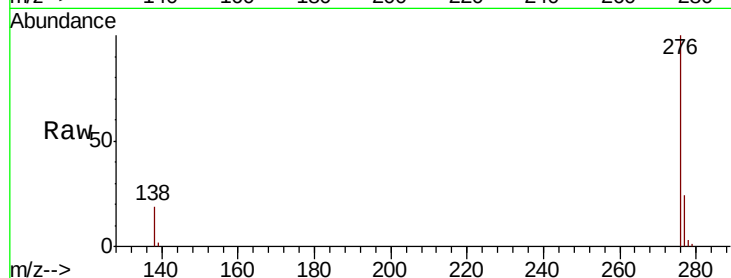
Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 66030

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.8

138 18.7 14.6 22.0

