

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081519\
 Data File : BN007198.D
 Acq On : 15 Aug 2019 16:10
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 16 02:43:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 12:12:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	10524	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	39313	0.40	ng	0.00
12) Acenaphthene-d10	14.07	164	22769	0.40	ng	-0.01
18) Phenanthrene-d10	16.82	188	53082	0.40	ng	0.00
26) Chrysene-d12	21.05	240	53413	0.40	ng	-0.01
32) Perylene-d12	23.16	264	59482	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	10602	0.42	ng	0.00
4) Phenol-d6	6.61	99	13387	0.43	ng	0.00
7) Nitrobenzene-d5	8.55	82	13470	0.42	ng	-0.01
10) 2-Methylnaphthalene-d10	11.78	152	27310	0.37	ng	-0.01
13) 2,4,6-Tribromophenol	15.57	330	4356	0.36	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	3286	0.10	ng	0.00
24) Fluoranthene-d10	18.87	212	69215	0.37	ng	0.00
28) Terphenyl-d14	19.48	244	59913	0.41	ng	-0.02

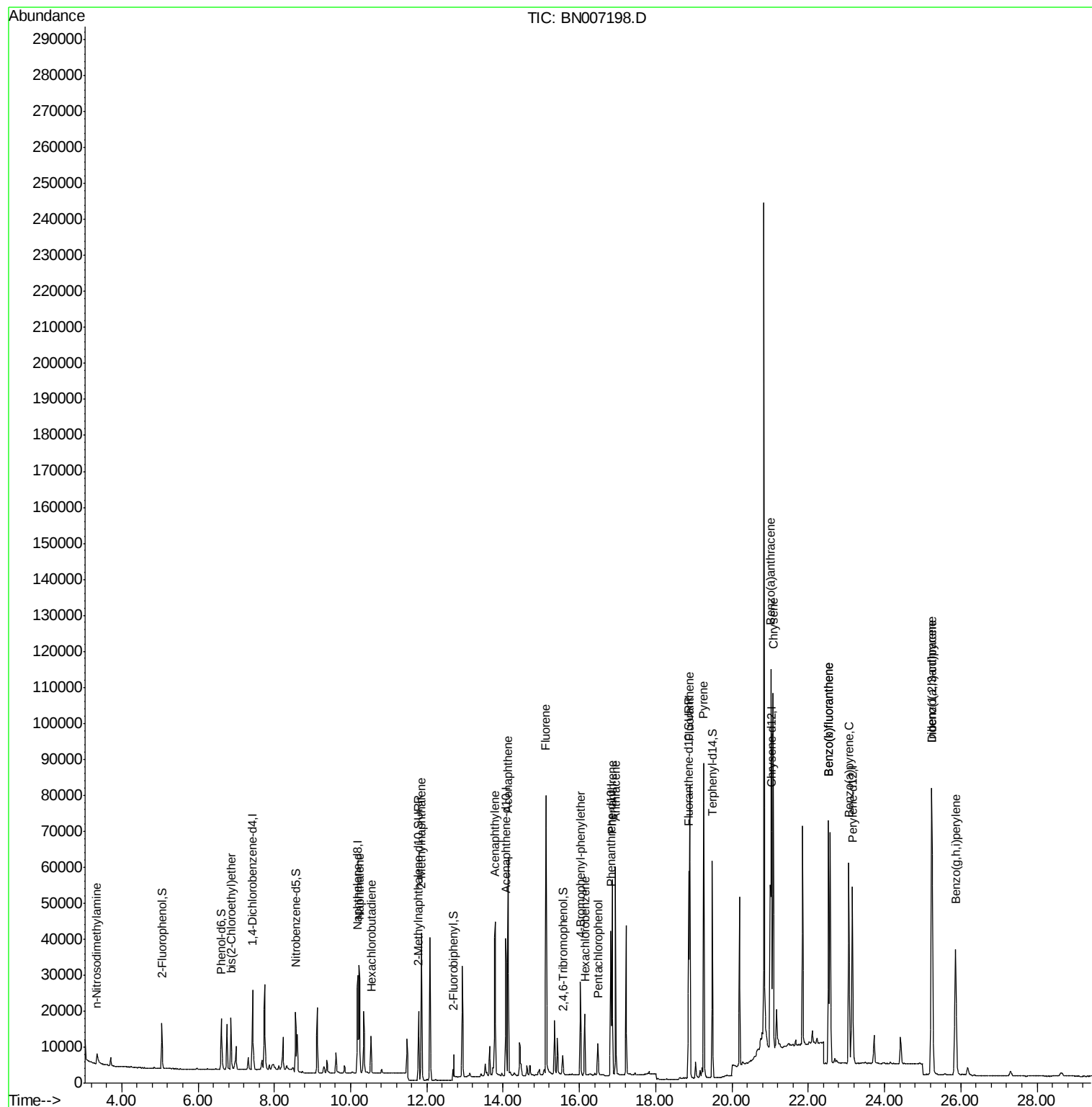
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.35	42	2981	0.431	ng	# 96
5) bis(2-Chloroethyl)ether	6.86	93	11360	0.410	ng	98
8) Naphthalene	10.22	128	41452	0.376	ng	99
9) Hexachlorobutadiene	10.54	225	9153	0.389	ng	# 99
11) 2-Methylnaphthalene	11.86	142	29585	0.379	ng	97
15) Acenaphthylene	13.79	152	58091	0.488	ng	100
16) Acenaphthene	14.13	154	30449	0.399	ng	98
17) Fluorene	15.12	166	40181	0.352	ng	97
19) 4-Bromophenyl-phenylether	16.03	248	12821	0.391	ng	96
20) Hexachlorobenzene	16.14	284	13101	0.415	ng	99
21) Pentachlorophenol	16.48	266	4562	0.388	ng	97
22) Phenanthrene	16.87	178	61798	0.388	ng	100
23) Anthracene	16.95	178	58526	0.403	ng	99
25) Fluoranthene	18.90	202	75385	0.370	ng	99
27) Pyrene	19.26	202	79200	0.423	ng	99
29) Benzo(a)anthracene	21.02	228	79184	0.405	ng	96
30) Chrysene	21.08	228	72887	0.384	ng	99
31) Indeno(1,2,3-cd)pyrene	25.24	276	89191	0.426	ng	97
33) Benzo(b)fluoranthene	22.53	252	77088	0.378	ng	100
34) Benzo(k)fluoranthene	22.53	252	77088	0.383	ng	99
35) Benzo(a)pyrene	23.07	252	71807	0.388	ng	99
36) Dibenzo(a,h)anthracene	25.25	278	72698	0.394	ng	# 95
37) Benzo(g,h,i)perylene	25.86	276	72812	0.384	ng	99

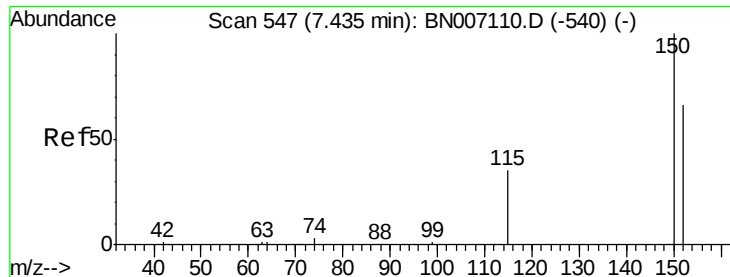
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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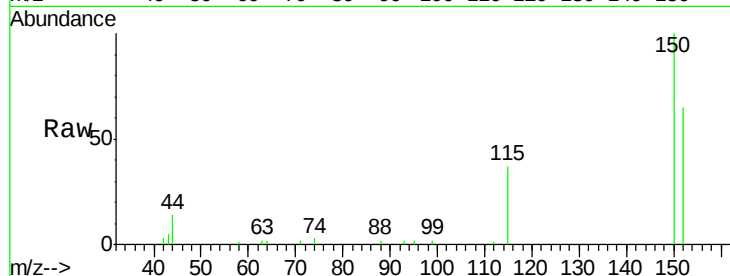


#1

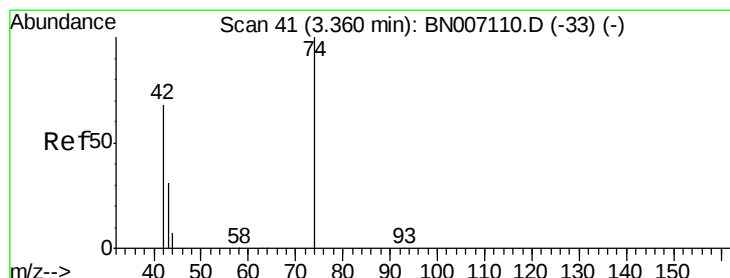
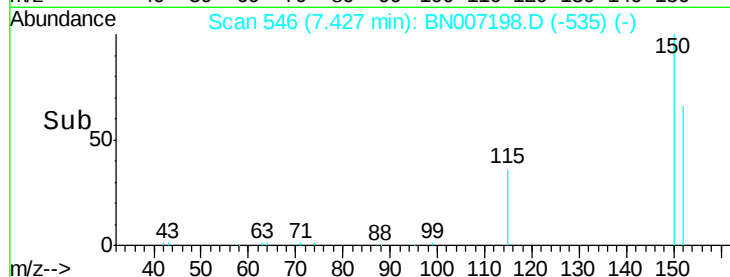
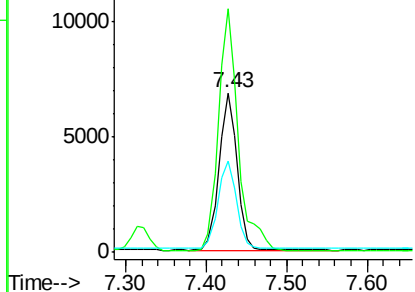
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BN007198.D
Acq: 15 Aug 2019 16:10

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 10524
Ion Ratio Lower Upper
152 100
150 152.9 121.7 182.5
115 57.1 46.2 69.4



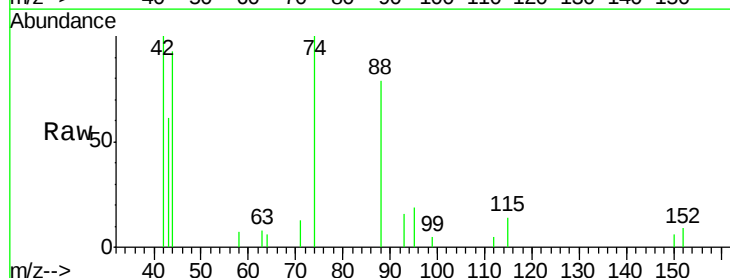
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



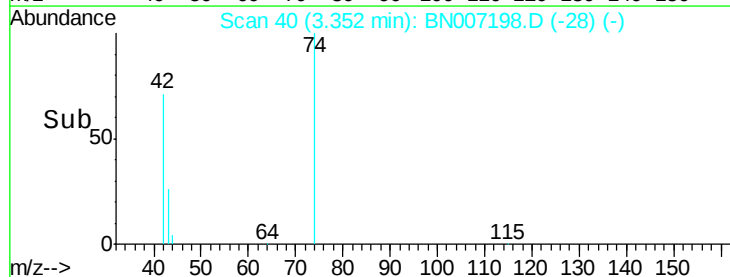
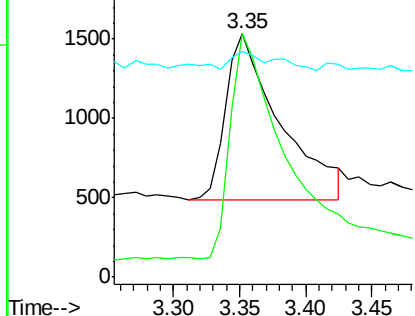
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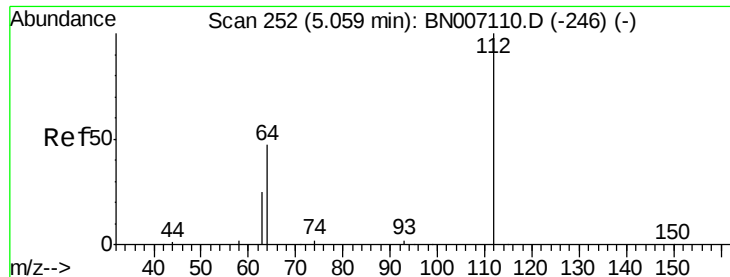
n-Nitrosodimethylamine
Concen: 0.431 ng
RT: 3.35 min Scan# 40
Delta R.T. -0.01 min
Lab File: BN007198.D
Acq: 15 Aug 2019 16:10

Tgt Ion: 42 Resp: 2981
Ion Ratio Lower Upper
42 100
74 133.9 110.6 166.0
44 9.3 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

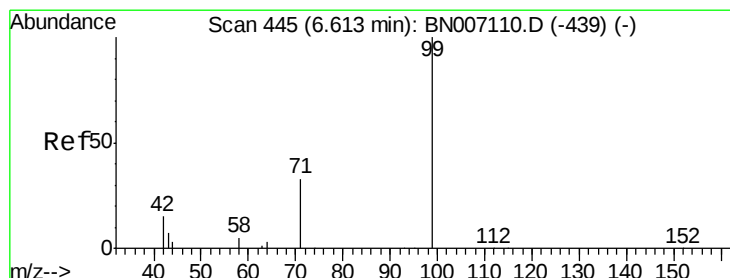
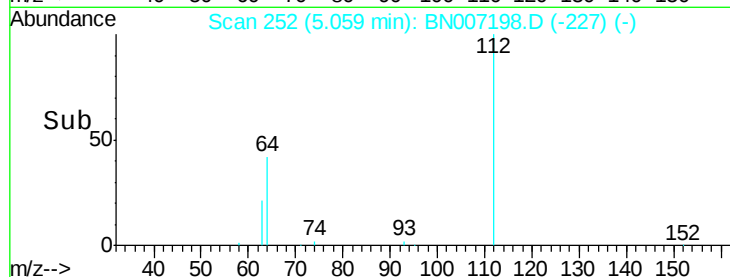
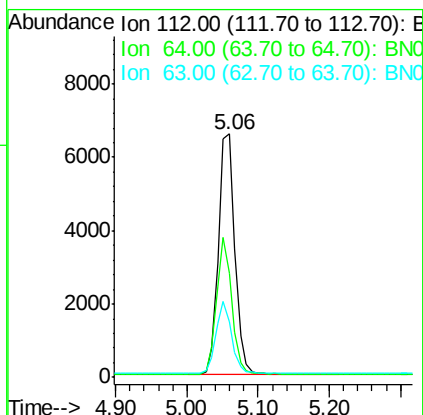
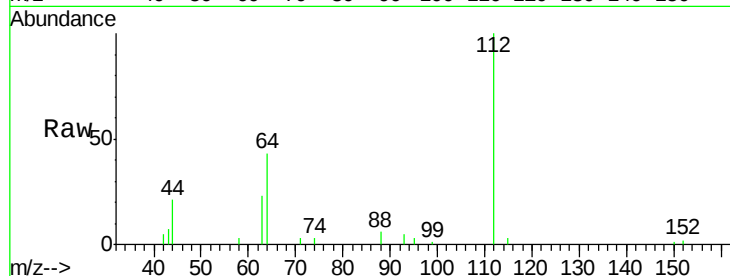




#3
2-Fluorophenol
Concen: 0.419 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007198.D
Acq: 15 Aug 2019 16:10

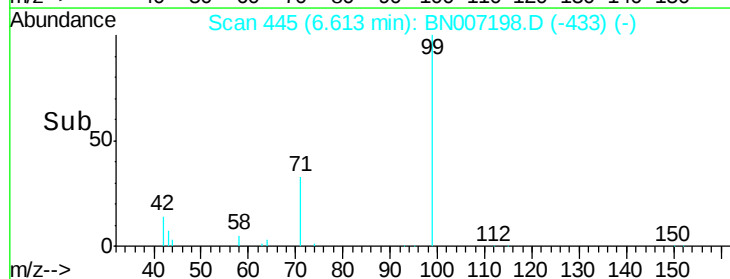
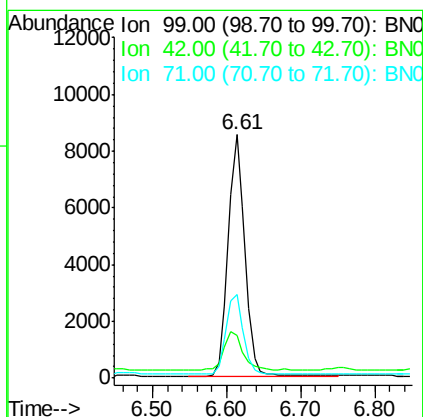
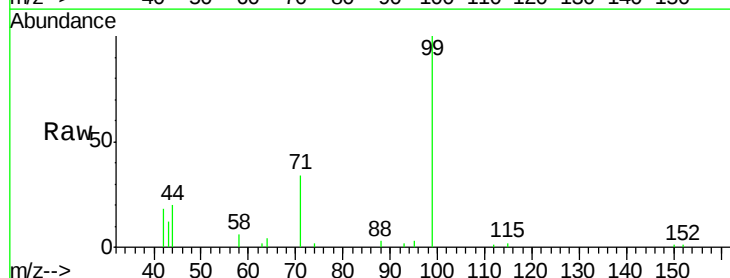
Instrument :
BNA_N
ClientSampleId :

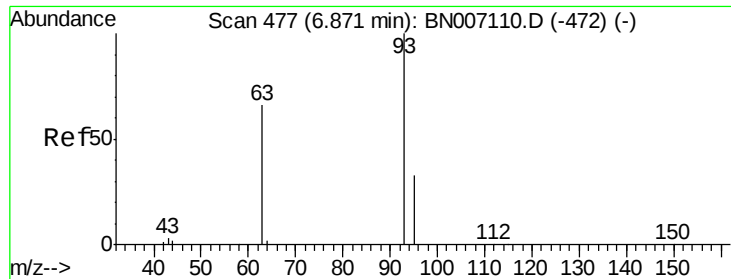
Tot Ion:112 Resp: 10602
Ion Ratio Lower Upper
112 100
64 52.4 42.6 63.8
63 27.7 22.2 33.2



#4
Phenol-d6
Concen: 0.427 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007198.D
Acq: 15 Aug 2019 16:10

Tgt Ion: 99 Resp: 13387
Ion Ratio Lower Upper
99 100
42 17.4 15.8 23.6
71 33.9 27.0 40.4



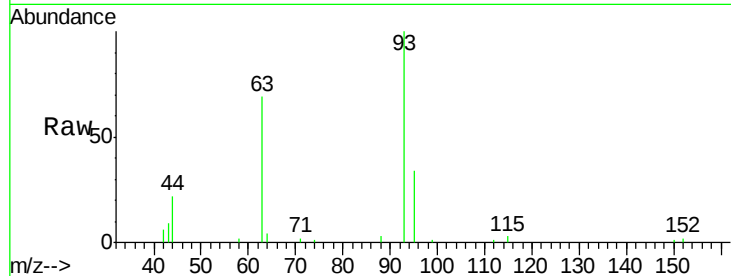


#5

bis(2-Chloroethyl)ether
Concen: 0.410 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.01 min
Lab File: BN007198.D
Acq: 15 Aug 2019 16:10

Instrument :
BNA_N
ClientSampleId :

Tot Ion	93	Resp	11360
Ion	Ratio	Lower	Upper
93	100		
63	67.5	55.6	83.4
95	32.2	26.7	40.1

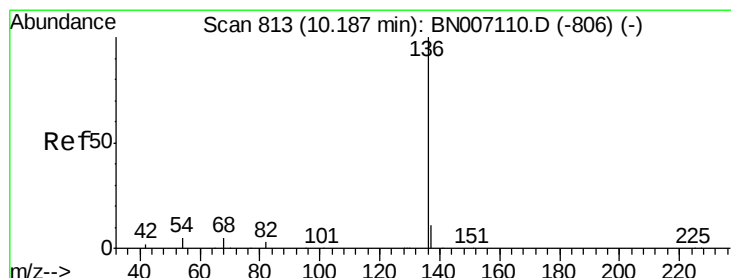
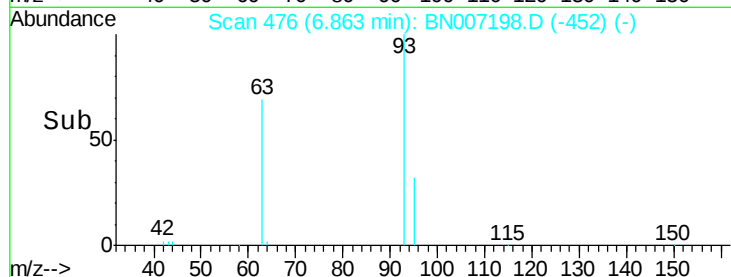
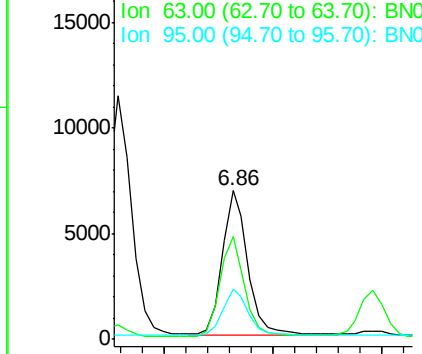


Abundance

Ion 93.00 (92.70 to 93.70): BN007110.D (-472) (-)

Ion 63.00 (62.70 to 63.70): BN007110.D (-472) (-)

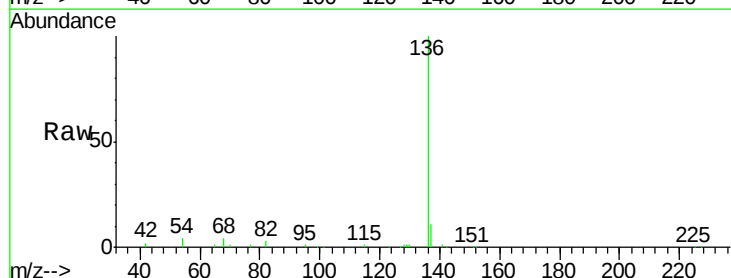
Ion 95.00 (94.70 to 95.70): BN007110.D (-472) (-)



#6

Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007198.D
Acq: 15 Aug 2019 16:10

Tgt Ion	136	Resp	39313
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.0
54	4.4	6.6	9.8#
68	4.2	6.0	9.0#



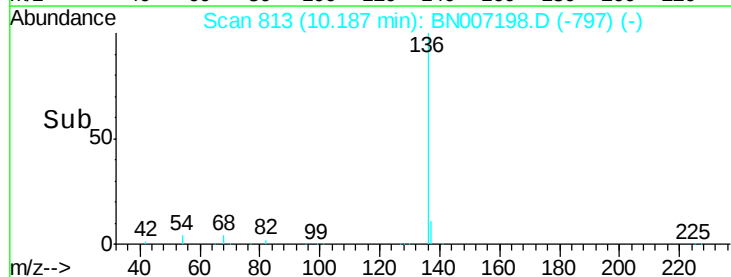
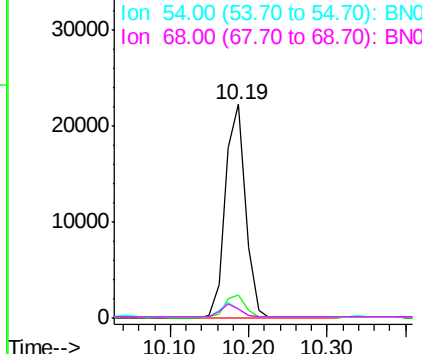
Abundance

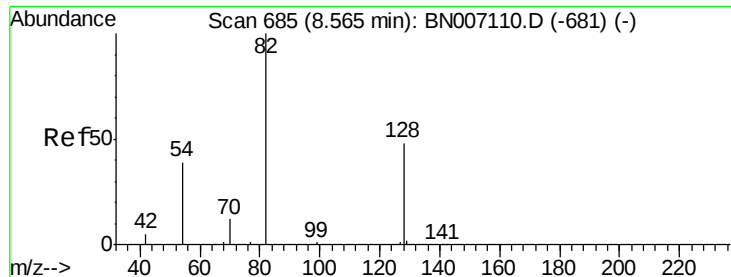
Ion 136.00 (135.70 to 136.70): BN007110.D (-806) (-)

Ion 137.00 (136.70 to 137.70): BN007110.D (-806) (-)

Ion 54.00 (53.70 to 54.70): BN007110.D (-806) (-)

Ion 68.00 (67.70 to 68.70): BN007110.D (-806) (-)





#7

Nitrobenzene-d5

Concen: 0.425 ng

RT: 8.55 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN007198.D

Acq: 15 Aug 2019 16:10

Instrument :

BNA_N

ClientSampled :

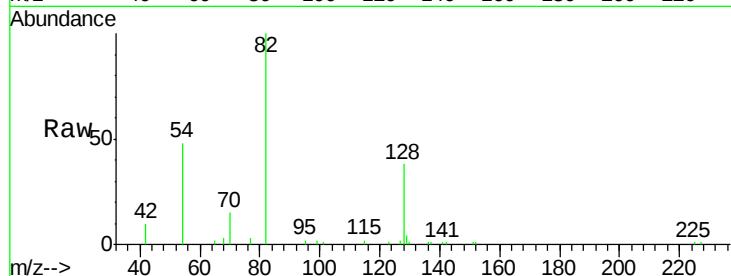
Tot Ion: 82 Resp: 13470

Ion Ratio Lower Upper

82 100

128 38.4 34.6 51.8

54 47.7 36.2 54.4

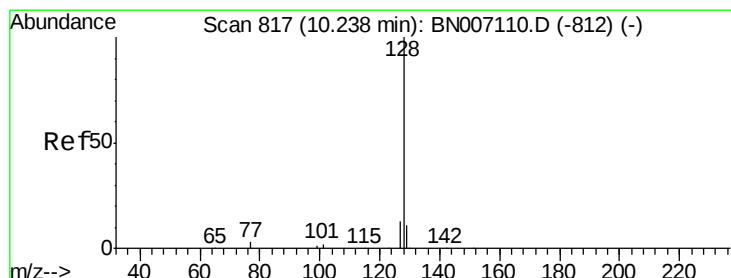
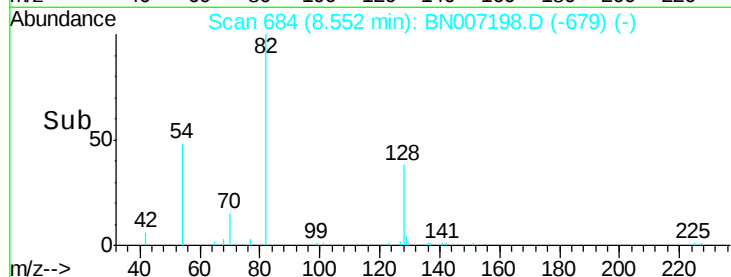


Abundance Ion 82.00 (81.70 to 82.70): BN007110.D (-681) (-)

Ion 128.00 (127.70 to 128.70): BN007110.D (-681) (-)

Ion 54.00 (53.70 to 54.70): BN007110.D (-681) (-)

Time-->



#8

Naphthalene

Concen: 0.376 ng

RT: 10.22 min Scan# 816

Delta R.T. -0.01 min

Lab File: BN007198.D

Acq: 15 Aug 2019 16:10

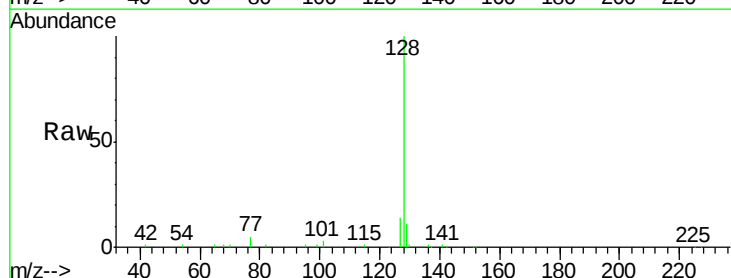
Tgt Ion: 128 Resp: 41452

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

127 13.7 11.0 16.6

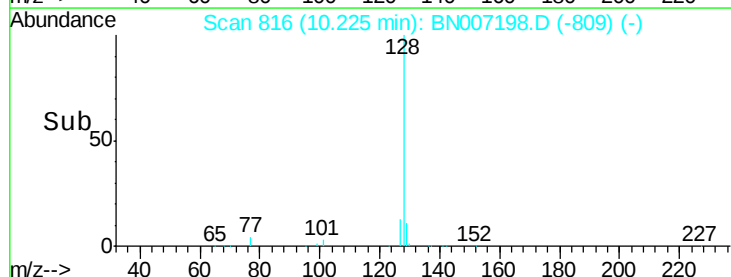


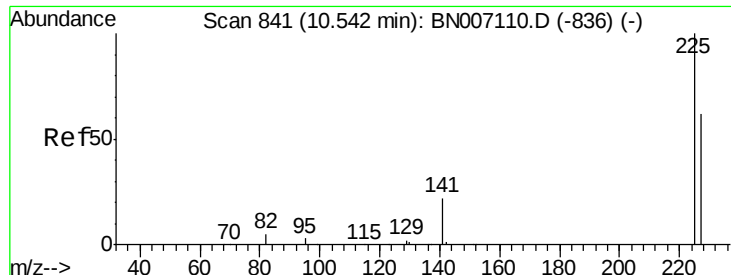
Abundance Ion 128.00 (127.70 to 128.70): BN007110.D (-812) (-)

Ion 129.00 (128.70 to 129.70): BN007110.D (-812) (-)

Ion 127.00 (126.70 to 127.70): BN007110.D (-812) (-)

Time-->

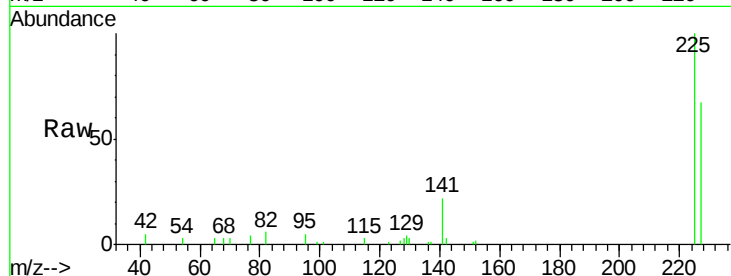




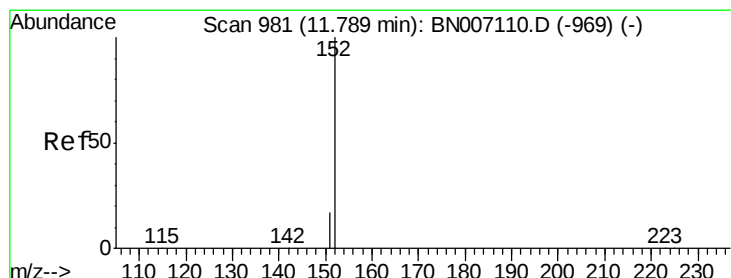
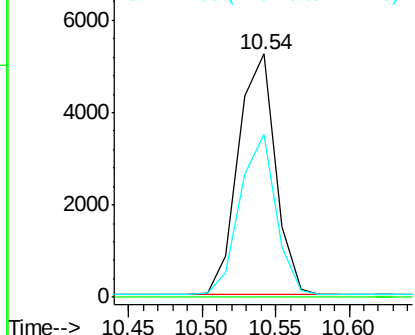
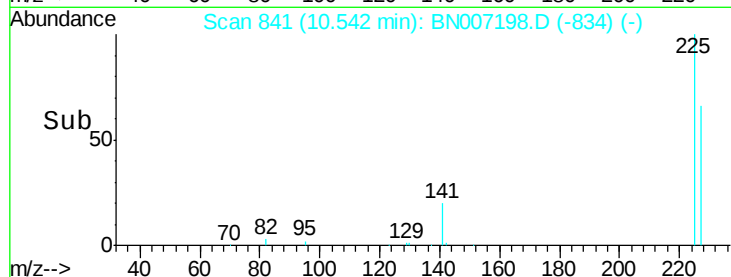
#9
Hexachlorobutadiene
Concen: 0.389 ng
RT: 10.54 min Scan# 841
Delta R.T. -0.01 min
Lab File: BN007198.D
Acq: 15 Aug 2019 16:10

Instrument :
BNA_N
ClientSampleId :

Tot Ion:225 Resp: 9153
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.5 51.1 76.7

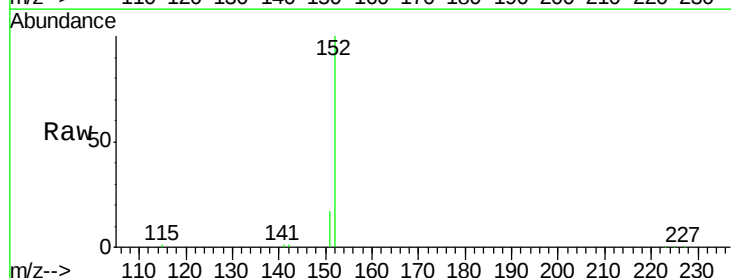


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

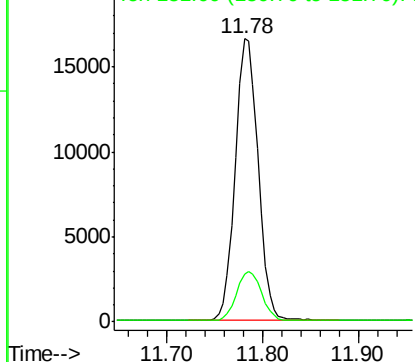
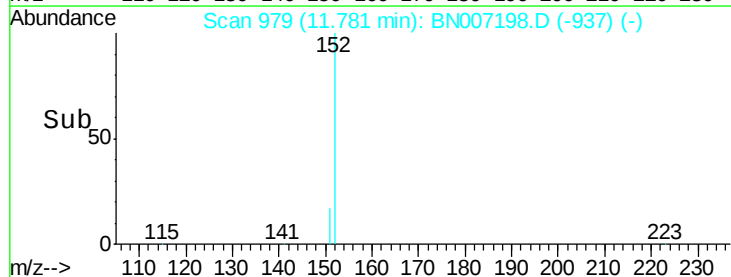


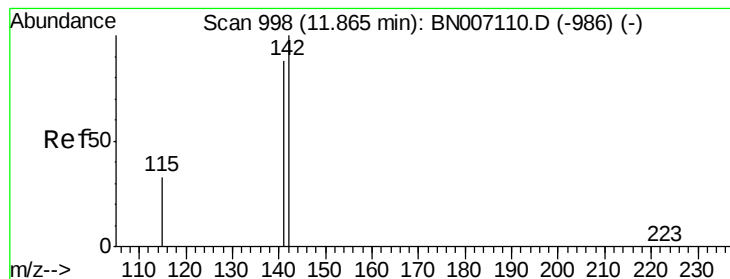
#10
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 11.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BN007198.D
Acq: 15 Aug 2019 16:10

Tgt Ion:152 Resp: 27310
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: 0.379 ng

RT: 11.86 min Scan# 996

Delta R.T. -0.01 min

Lab File: BN007198.D

Acq: 15 Aug 2019 16:10

Instrument :

BNA_N

ClientSampleId :

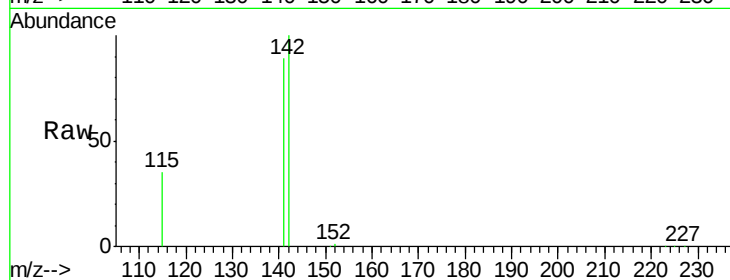
Tot Ion:142 Resp: 29585

Ion Ratio Lower Upper

142 100

141 89.4 69.0 103.6

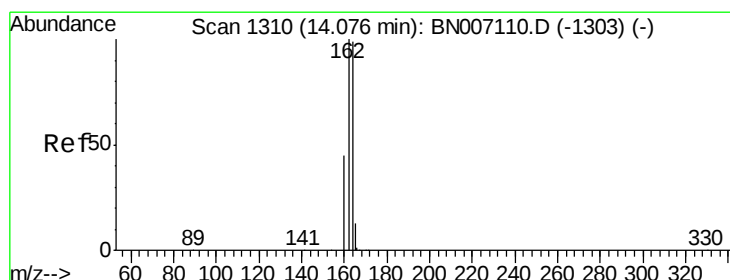
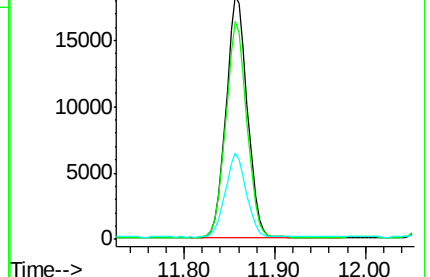
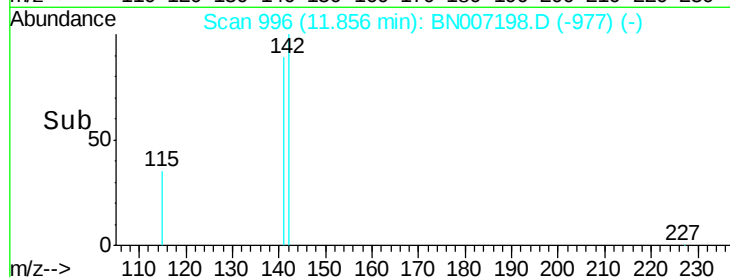
115 35.4 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.07 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BN007198.D

Acq: 15 Aug 2019 16:10

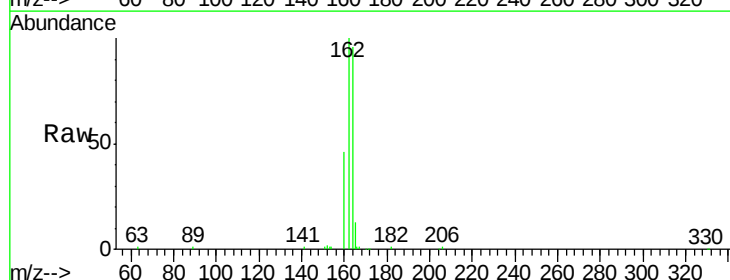
Tgt Ion:164 Resp: 22769

Ion Ratio Lower Upper

164 100

162 104.6 82.2 123.4

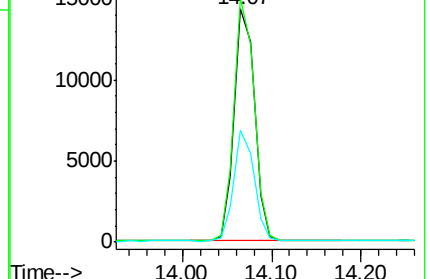
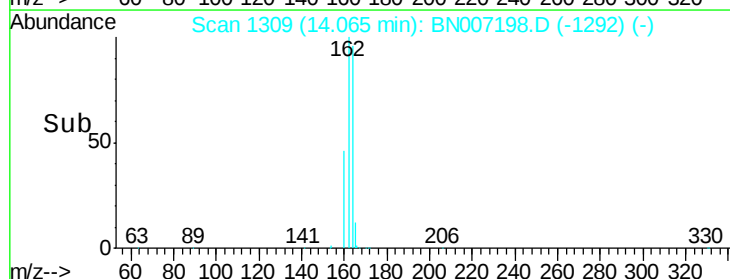
160 48.2 38.3 57.5

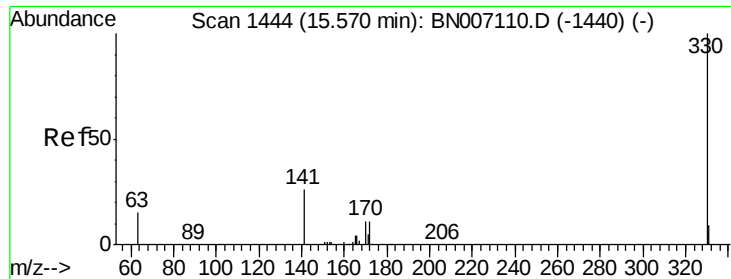


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

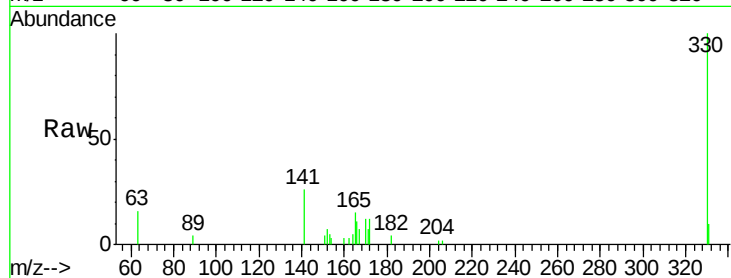




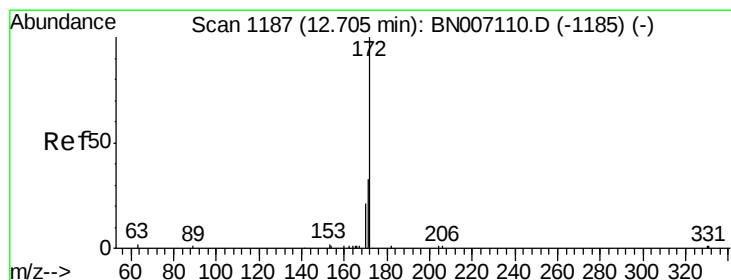
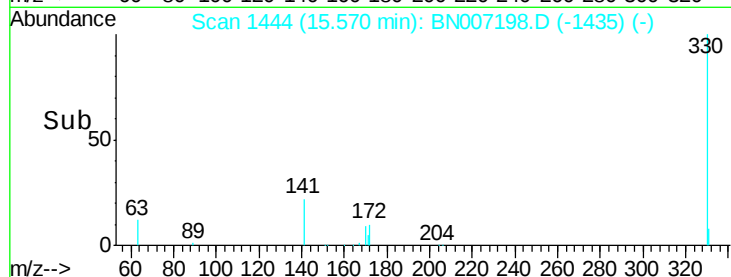
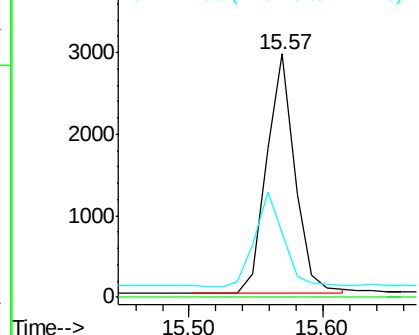
#13
 2,4,6-Tribromophenol
 Concen: 0.355 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007198.D
 Acq: 15 Aug 2019 16:10

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 4356
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 39.3 33.6 50.4

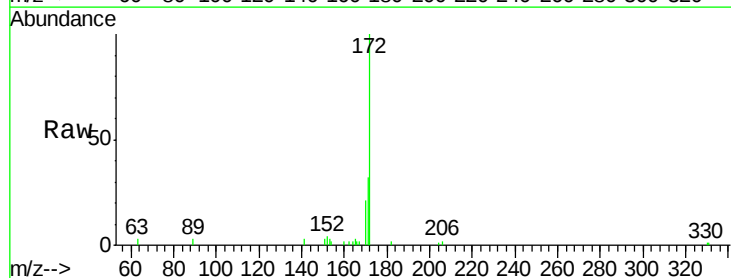


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

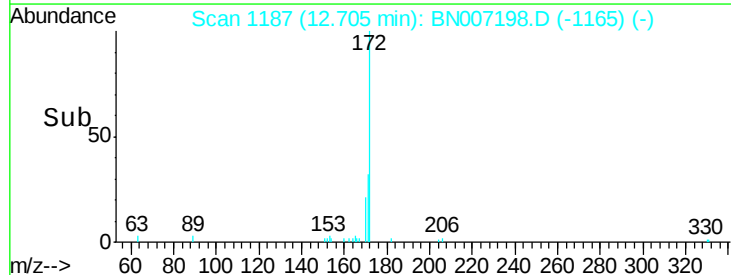
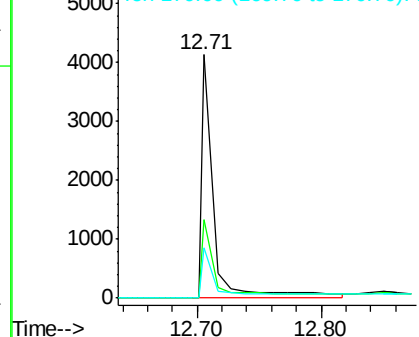


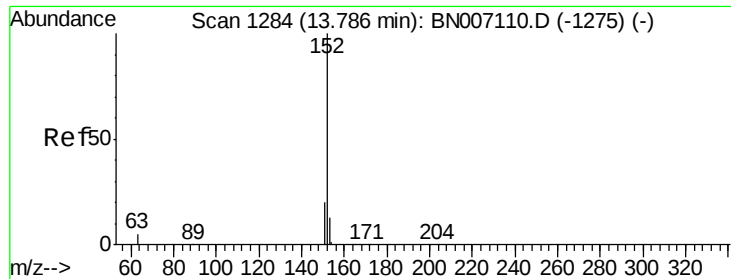
#14
 2-Fluorobiphenyl
 Concen: 0.099 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007198.D
 Acq: 15 Aug 2019 16:10

Tgt Ion:172 Resp: 3286
 Ion Ratio Lower Upper
 172 100
 171 32.5 26.3 39.5
 170 20.5 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: 0.488 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007198.D

Acq: 15 Aug 2019 16:10

Instrument :

BNA_N

ClientSampleId :

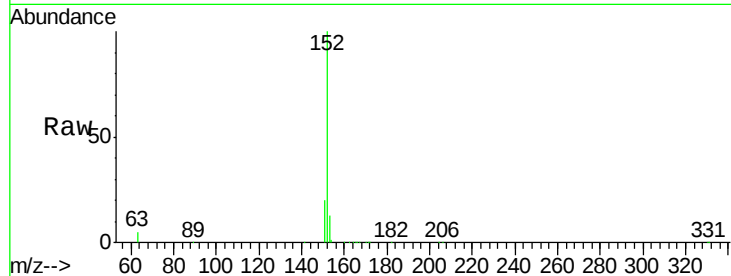
Tot Ion:152 Resp: 58091

Ion Ratio Lower Upper

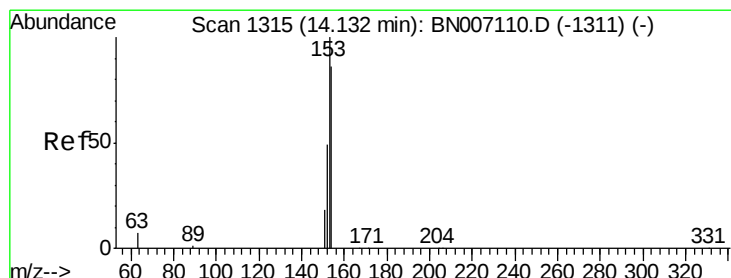
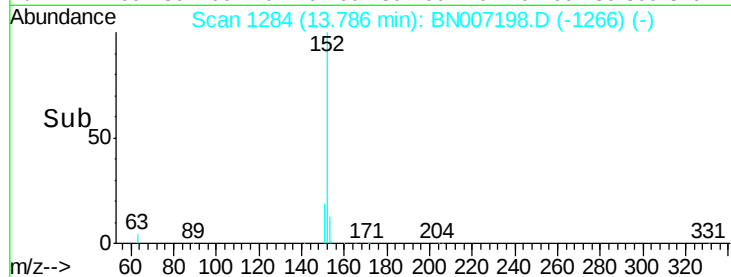
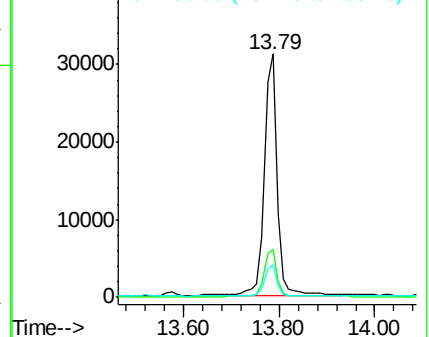
152 100

151 19.9 15.8 23.6

153 12.8 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: 0.399 ng

RT: 14.13 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN007198.D

Acq: 15 Aug 2019 16:10

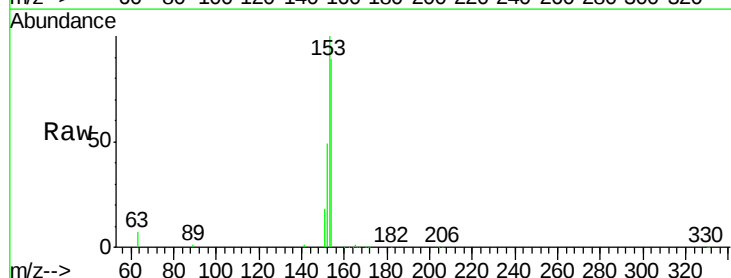
Tgt Ion:154 Resp: 30449

Ion Ratio Lower Upper

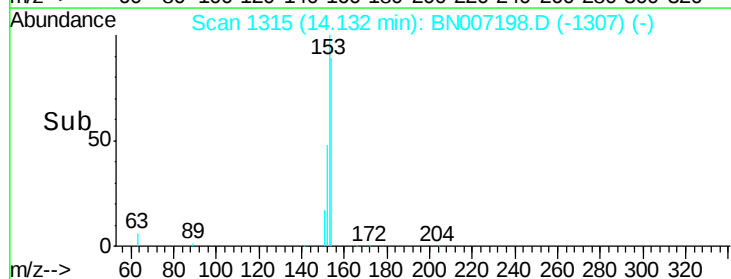
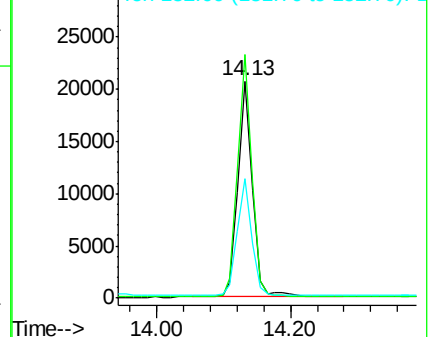
154 100

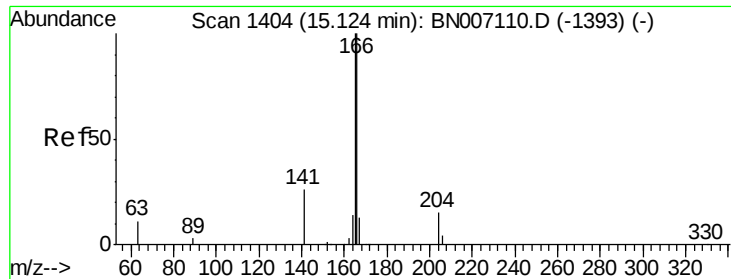
153 110.2 89.5 134.3

152 54.1 44.8 67.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

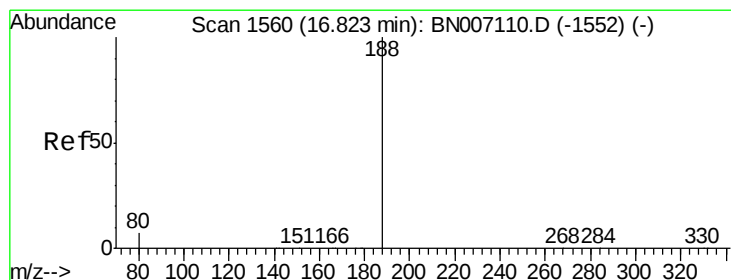
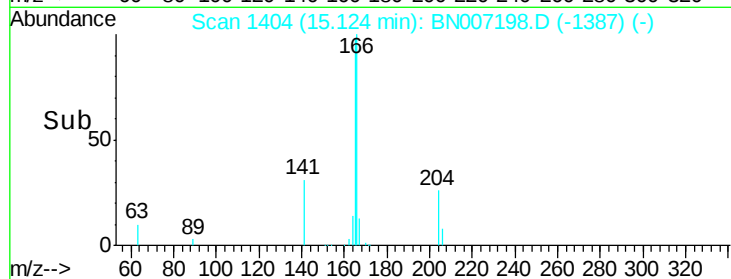
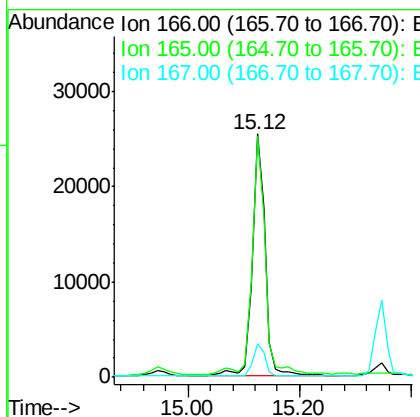
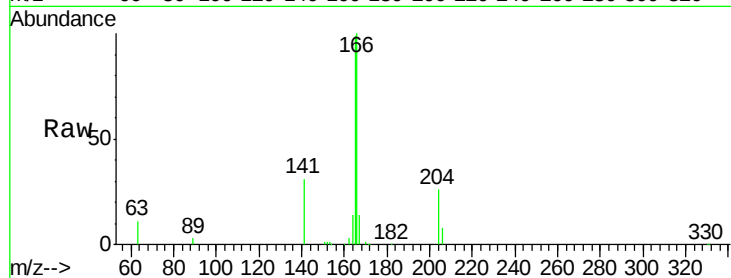




#17
Fluorene
 Concen: 0.352 ng
 RT: 15.12 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BN007198.D
 Acq: 15 Aug 2019 16:10

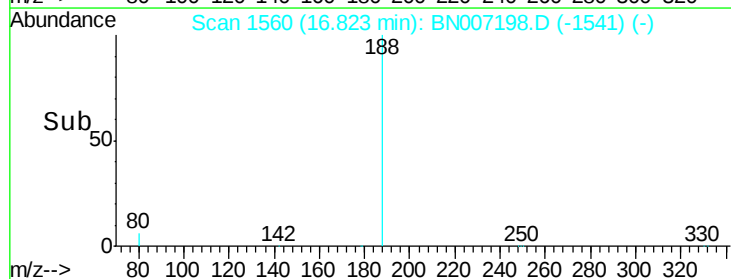
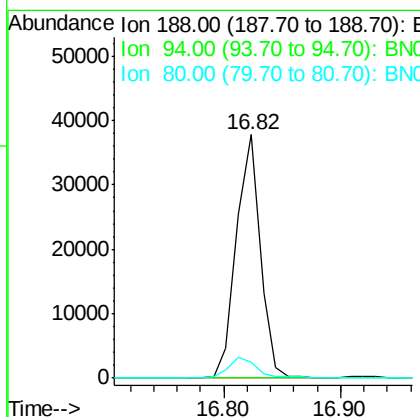
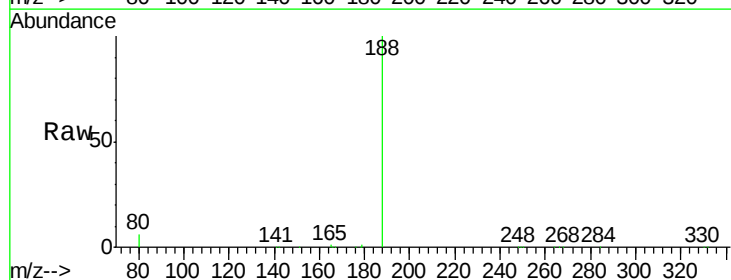
Instrument :
 BNA_N
 ClientSampleId :

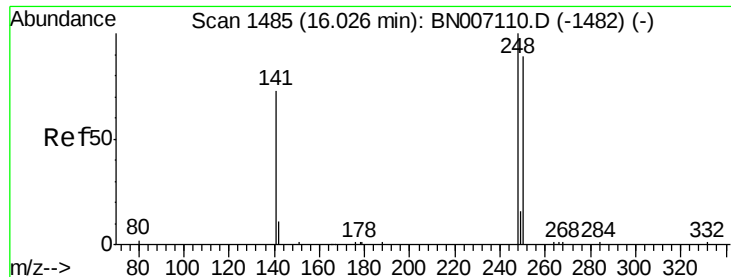
Tot Ion:166 Resp: 40181
 Ion Ratio Lower Upper
 166 100
 165 100.9 77.9 116.9
 167 12.9 10.9 16.3



#18
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.82 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BN007198.D
 Acq: 15 Aug 2019 16:10

Tgt Ion:188 Resp: 53082
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 6.4 7.8 11.6#





#19

4-Bromophenyl-phenylether

Concen: 0.391 ng

RT: 16.03 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN007198.D

Acq: 15 Aug 2019 16:10

Instrument :

BNA_N

ClientSampled :

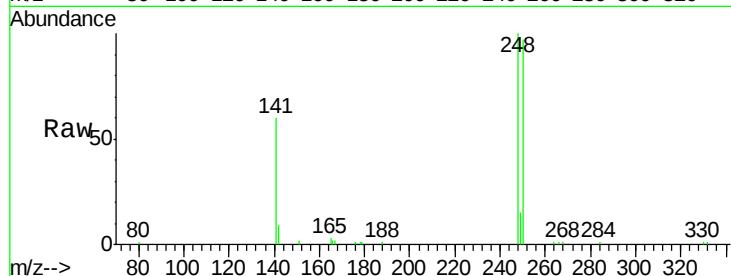
Tot Ion:248 Resp: 12821

Ion Ratio Lower Upper

248 100

250 97.1 78.9 118.3

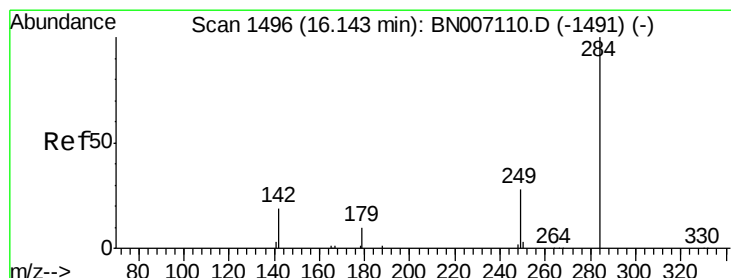
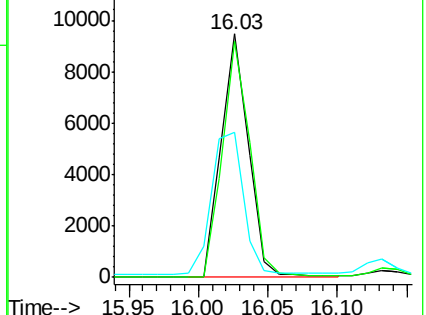
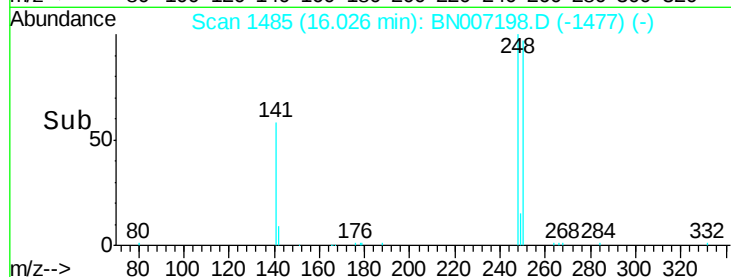
141 59.6 43.3 64.9



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#20

Hexachlorobenzene

Concen: 0.415 ng

RT: 16.14 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN007198.D

Acq: 15 Aug 2019 16:10

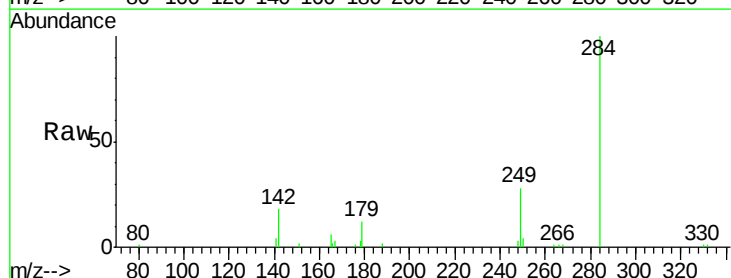
Tgt Ion:284 Resp: 13101

Ion Ratio Lower Upper

284 100

142 37.0 30.5 45.7

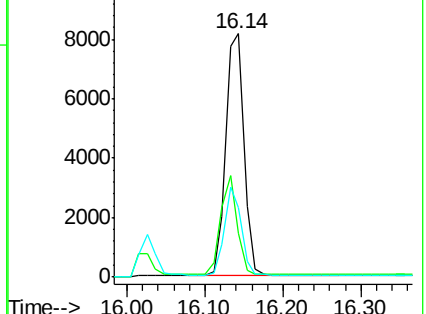
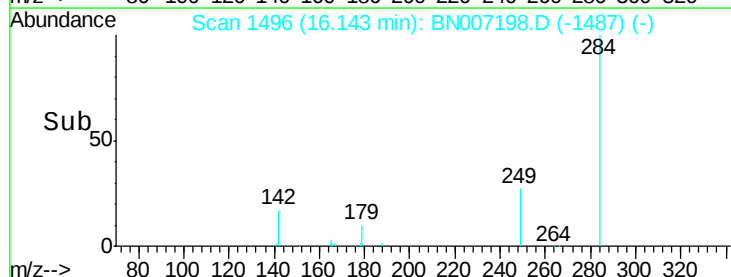
249 33.2 26.7 40.1

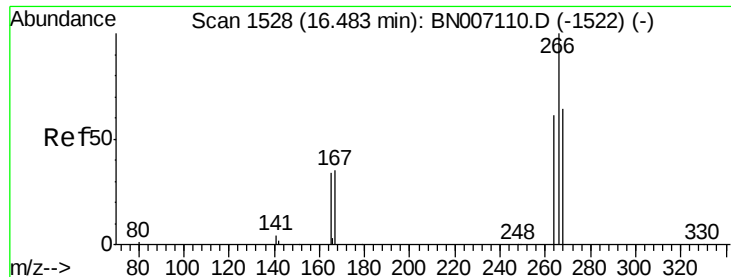


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

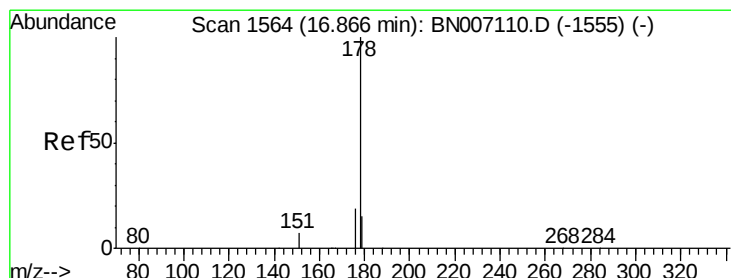
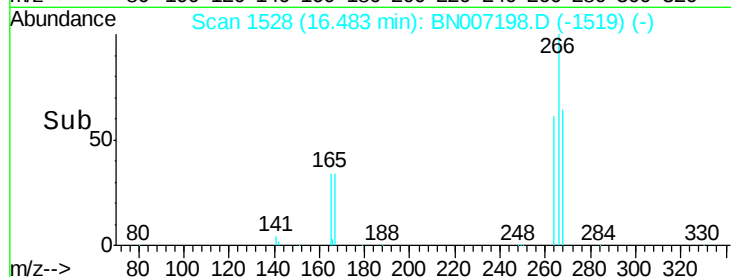
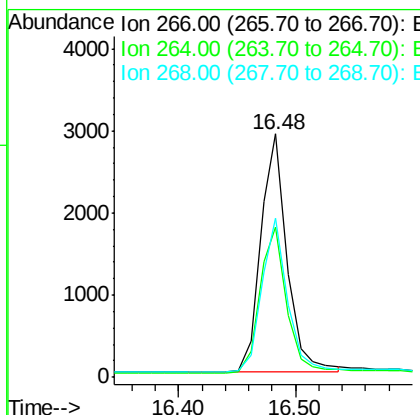
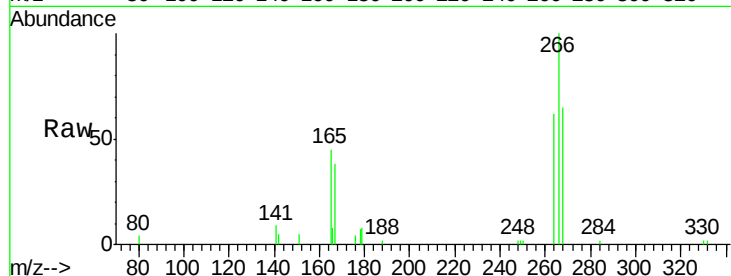




#21
 Pentachlorophenol
 Concen: 0.388 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007198.D
 Acq: 15 Aug 2019 16:10

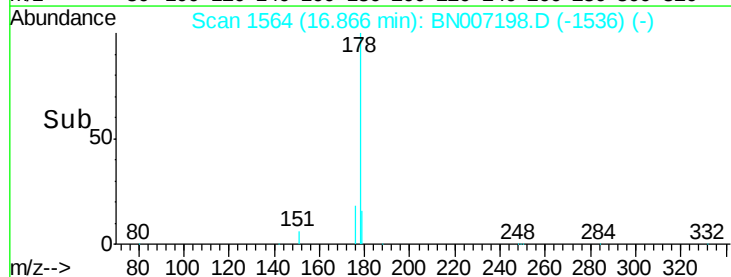
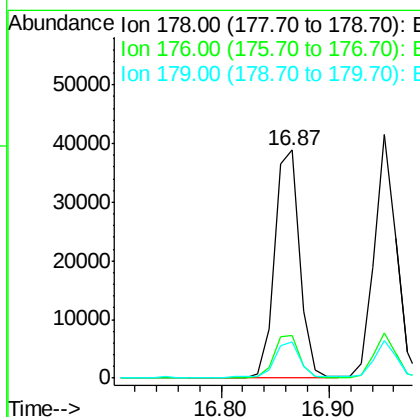
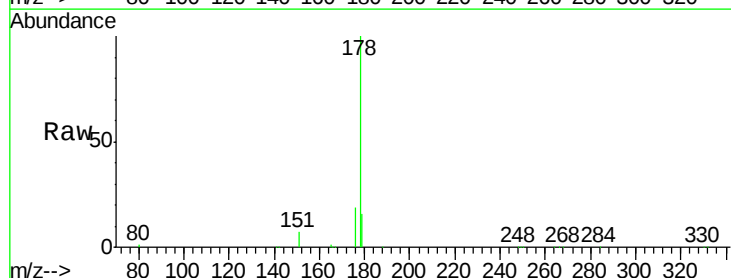
Instrument :
 BNA_N
 ClientSampleId :

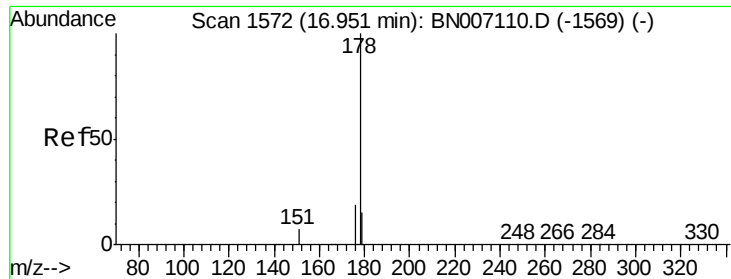
Tot Ion:266 Resp: 4562
 Ion Ratio Lower Upper
 266 100
 264 61.7 52.3 78.5
 268 65.2 51.5 77.3



#22
 Phenanthrene
 Concen: 0.388 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007198.D
 Acq: 15 Aug 2019 16:10

Tgt Ion:178 Resp: 61798
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.2 22.8
 179 15.5 12.3 18.5





#23

Anthracene

Concen: 0.403 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007198.D

Acq: 15 Aug 2019 16:10

Instrument :

BNA_N

ClientSampleId :

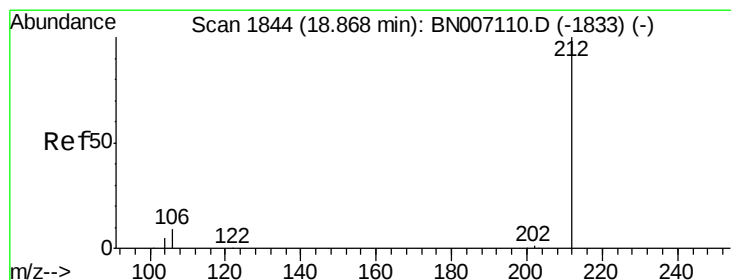
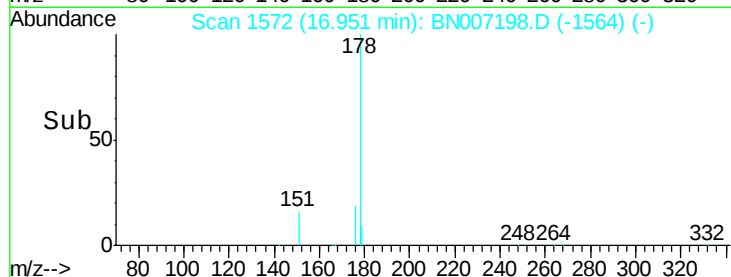
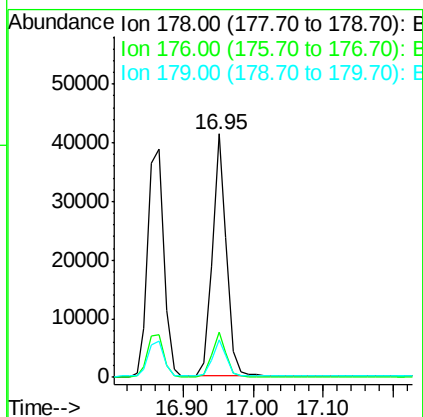
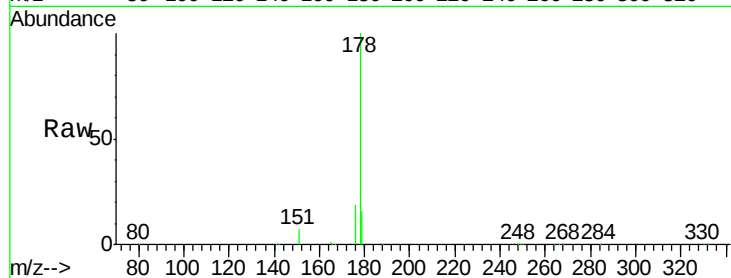
Tot Ion:178 Resp: 58526

Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

179 15.0 12.5 18.7



#24

Fluoranthene-d10

Concen: 0.368 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007198.D

Acq: 15 Aug 2019 16:10

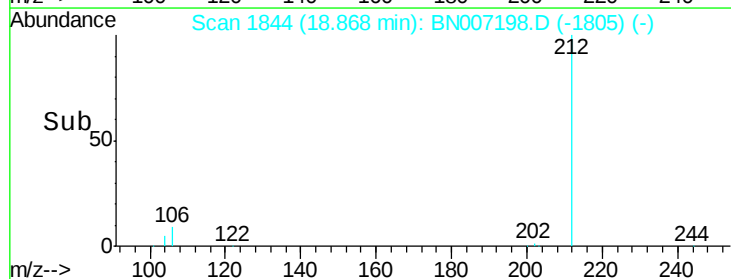
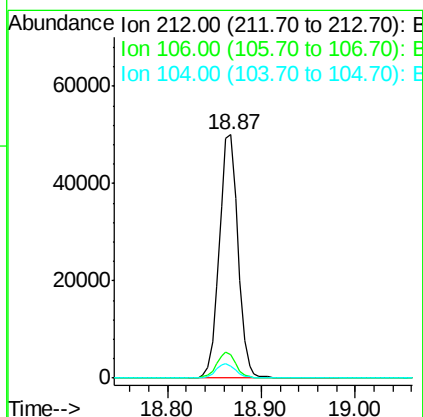
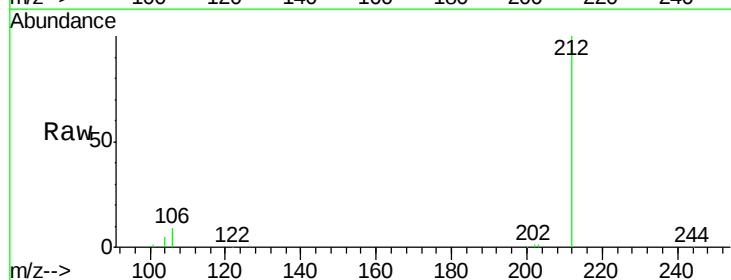
Tgt Ion:212 Resp: 69215

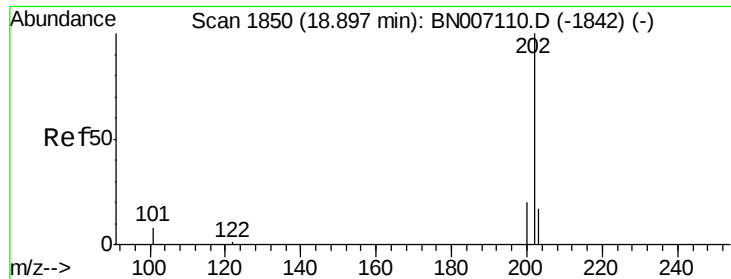
Ion Ratio Lower Upper

212 100

106 10.4 8.2 12.2

104 5.8 4.5 6.7





#25

Fluoranthene

Concen: 0.370 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN007198.D

Acq: 15 Aug 2019 16:10

Instrument :

BNA_N

ClientSampleId :

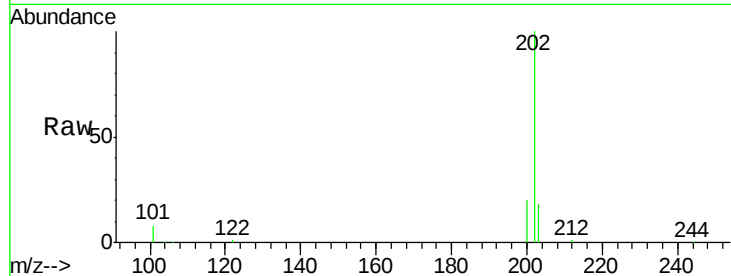
Tot Ion:202 Resp: 75385

Ion Ratio Lower Upper

202 100

101 9.0 7.0 10.4

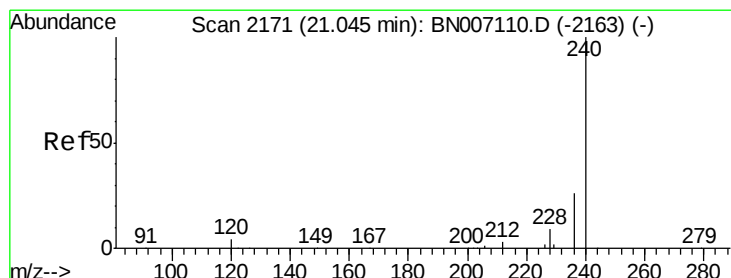
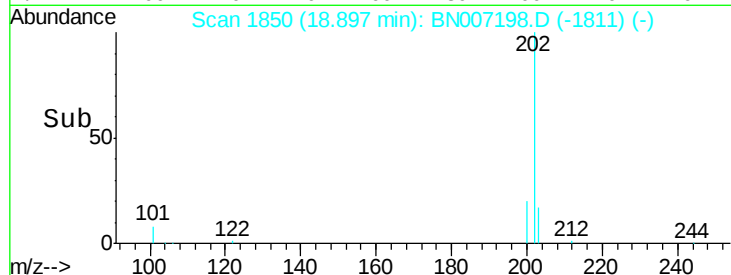
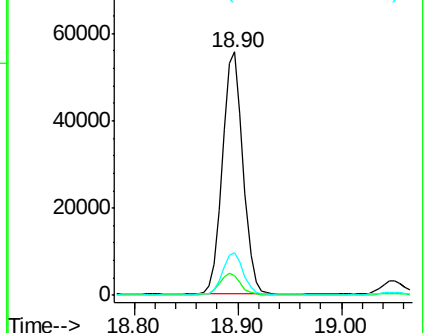
203 17.2 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.05 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN007198.D

Acq: 15 Aug 2019 16:10

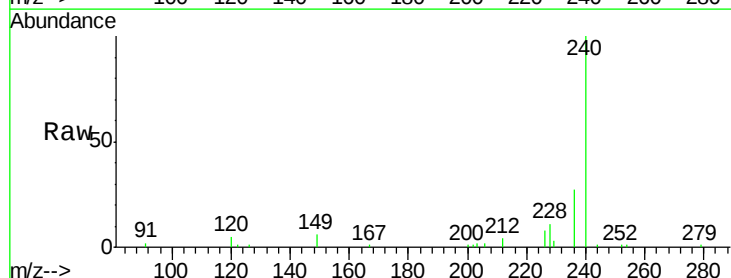
Tgt Ion:240 Resp: 53413

Ion Ratio Lower Upper

240 100

120 5.3 4.0 6.0

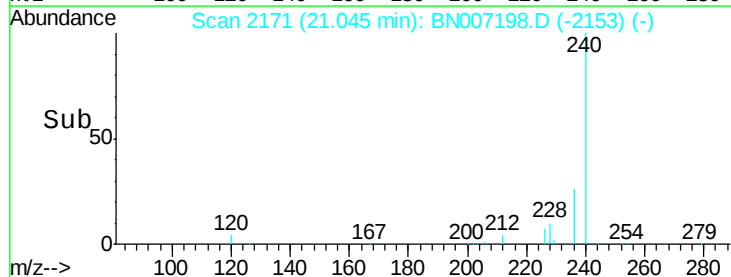
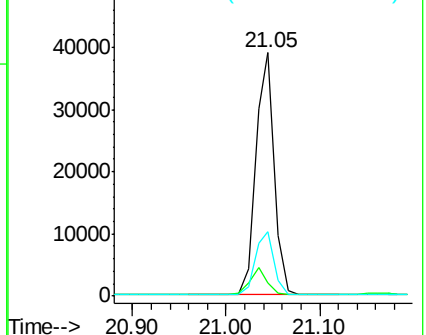
236 26.5 21.3 31.9

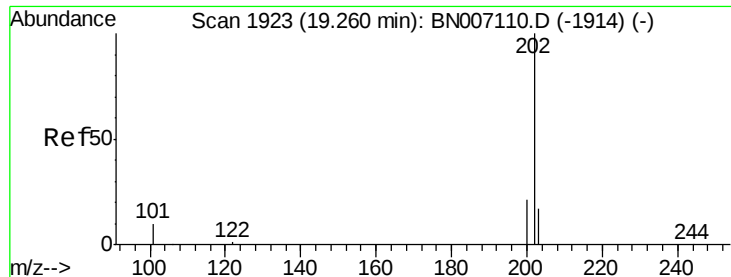


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

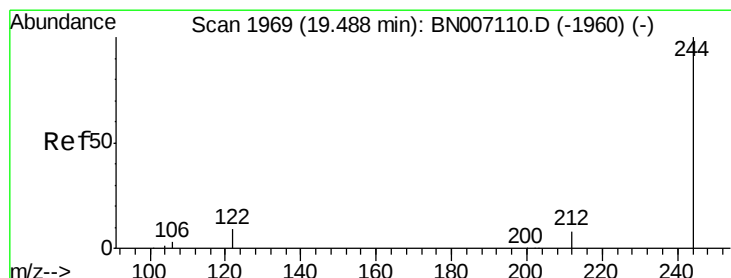
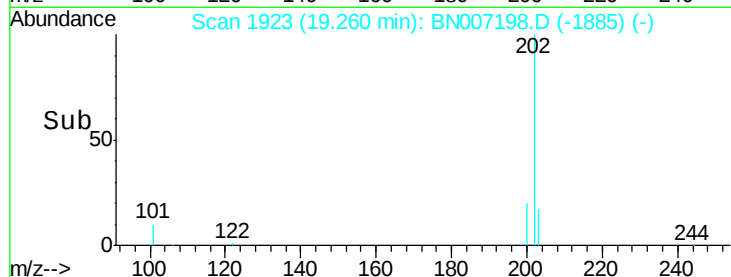
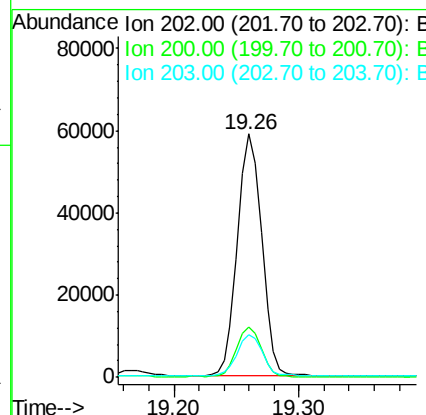
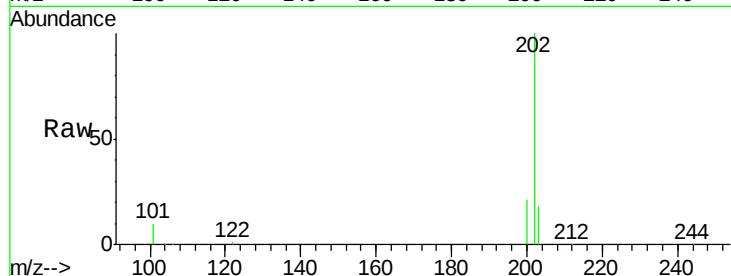




#27
Pvrene
Concen: 0.423 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007198.D
Acq: 15 Aug 2019 16:10

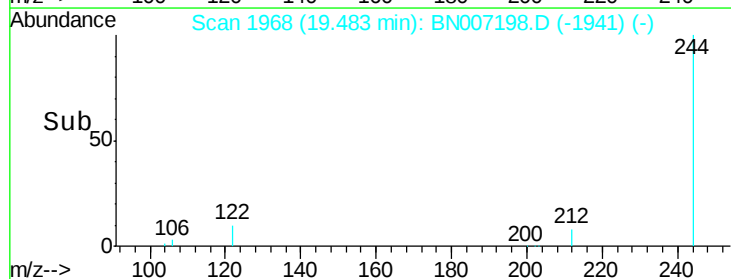
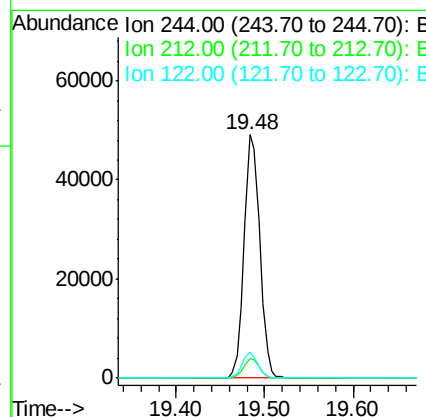
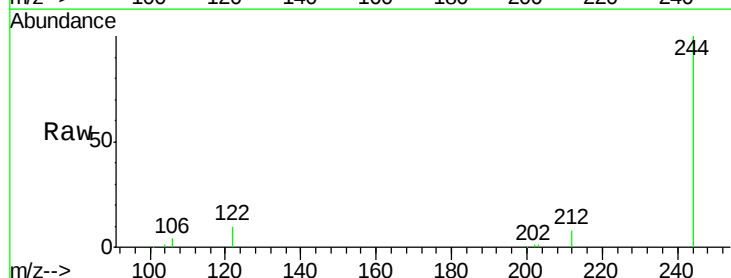
Instrument :
BNA_N
ClientSampleId :

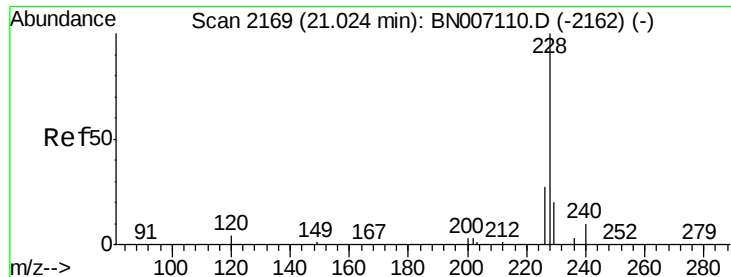
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	18.5	14.0	21.0



#28
Terphenyl-d14
Concen: 0.412 ng
RT: 19.48 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BN007198.D
Acq: 15 Aug 2019 16:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	10.4	7.4	11.2





#29

Benzo(a)anthracene

Concen: 0.405 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007198.D

Acq: 15 Aug 2019 16:10

Instrument :

BNA_N

ClientSampleId :

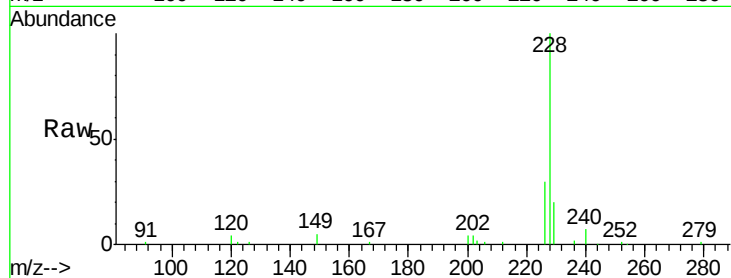
Tot Ion:228 Resp: 79184

Ion Ratio Lower Upper

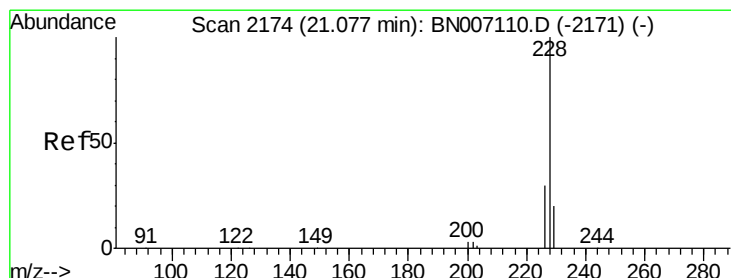
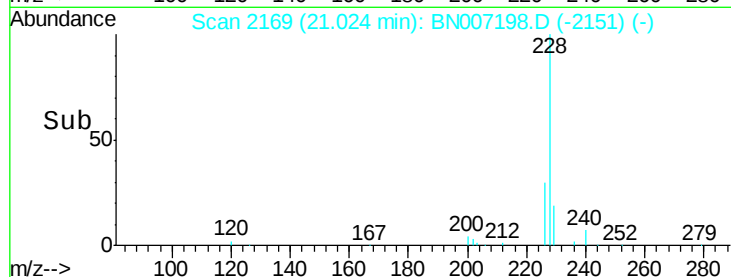
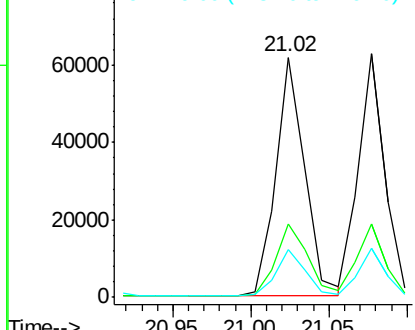
228 100

226 30.4 21.8 32.6

229 19.9 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: 0.384 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007198.D

Acq: 15 Aug 2019 16:10

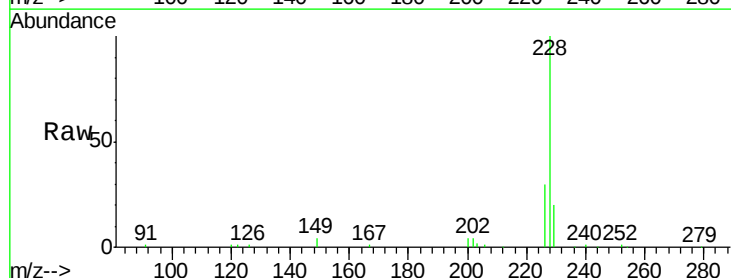
Tgt Ion:228 Resp: 72887

Ion Ratio Lower Upper

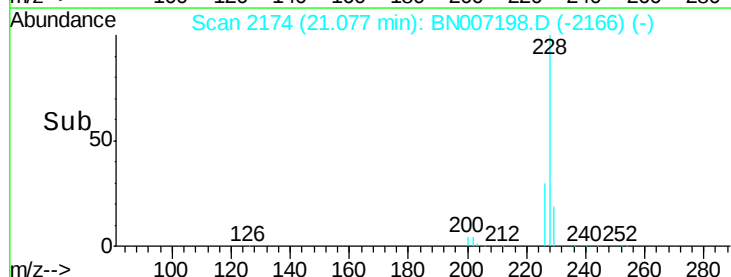
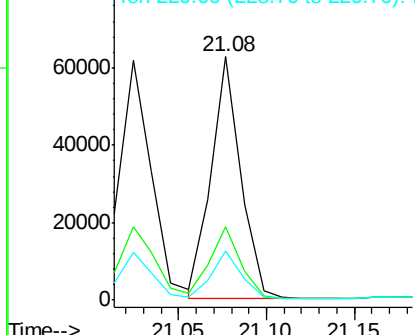
228 100

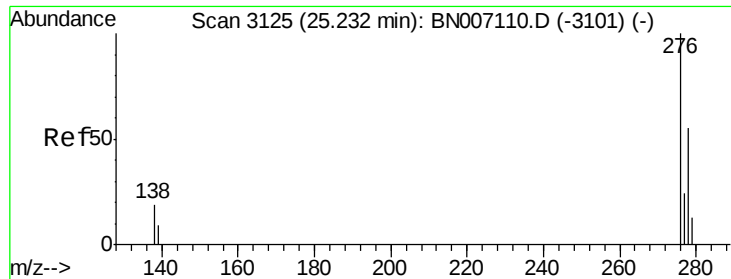
226 30.4 23.8 35.6

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

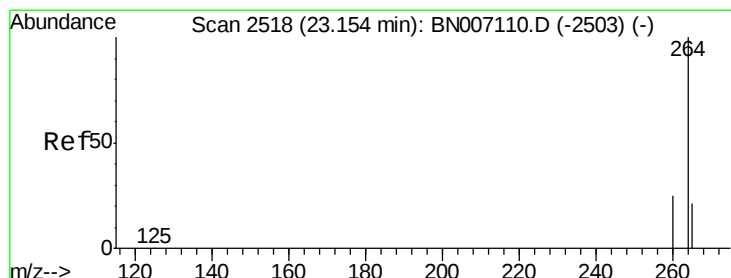
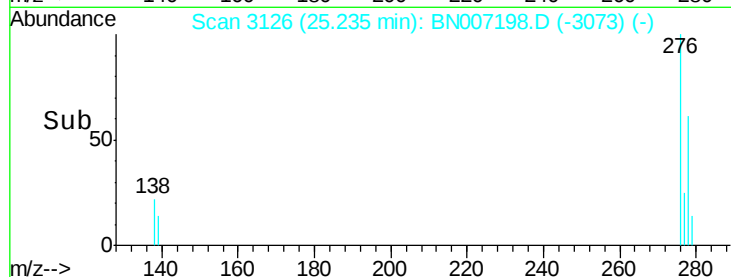
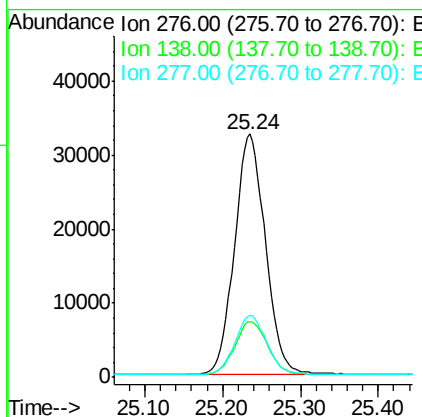
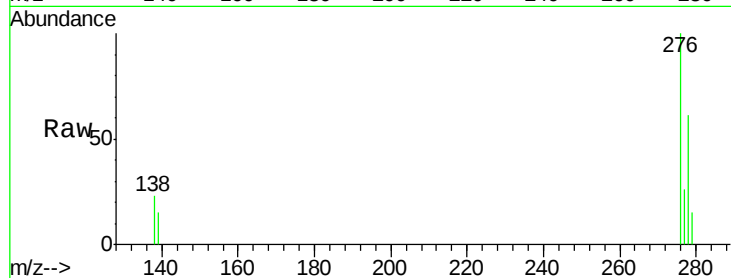




#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.426 ng
 RT: 25.24 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BN007198.D
 Acq: 15 Aug 2019 16:10

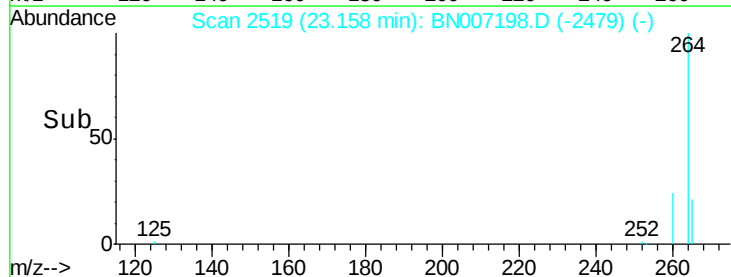
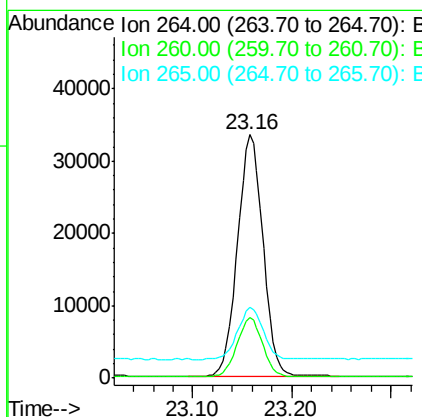
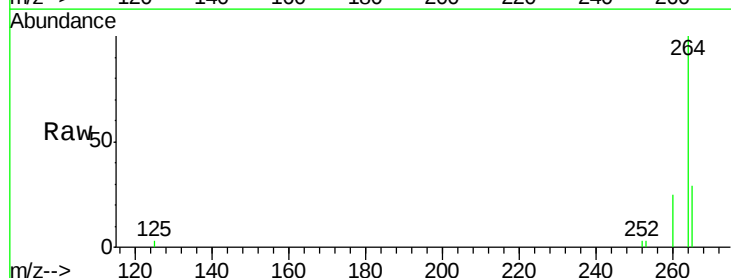
Instrument :
 BNA_N
 ClientSampleId :

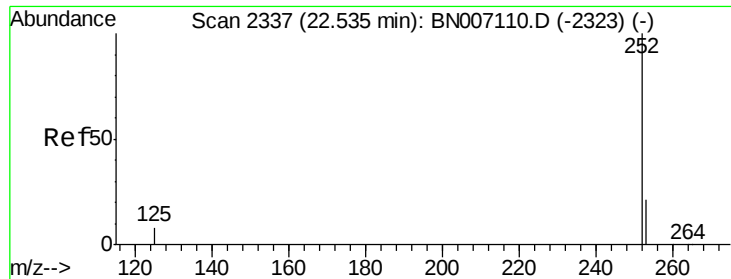
Tot Ion:276 Resp: 89191
 Ion Ratio Lower Upper
 276 100
 138 23.1 16.0 24.0
 277 24.7 19.9 29.9



#32
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.16 min Scan# 2519
 Delta R.T. -0.01 min
 Lab File: BN007198.D
 Acq: 15 Aug 2019 16:10

Tgt Ion:264 Resp: 59482
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.8 29.8
 265 28.9 26.2 39.4





#33

Benzo(b)fluoranthene

Concen: 0.378 ng

RT: 22.53 min Scan# 2337

Delta R.T. -0.01 min

Lab File: BN007198.D

Acq: 15 Aug 2019 16:10

Instrument :

BNA_N

ClientSampleId :

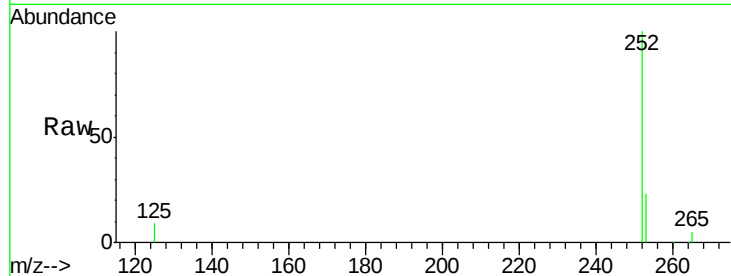
Tot Ion:252 Resp: 77088

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

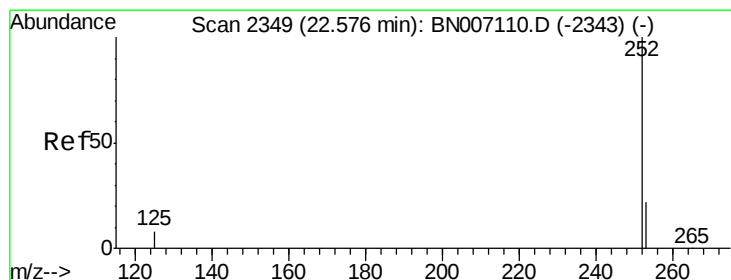
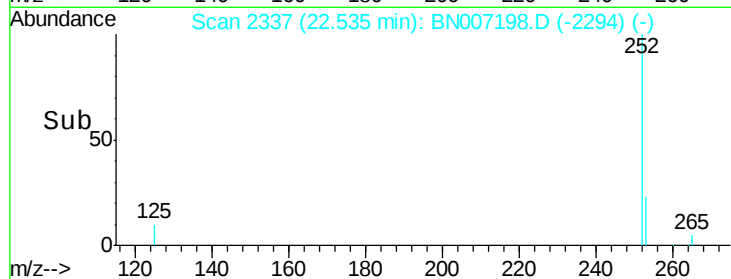
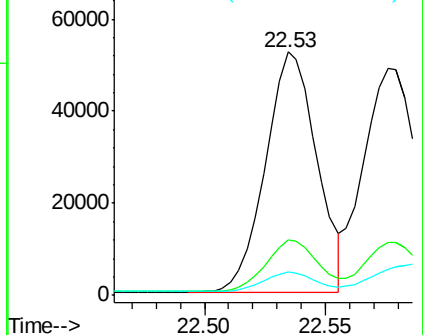
125 9.5 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 0.383 ng

RT: 22.53 min Scan# 2337

Delta R.T. -0.06 min

Lab File: BN007198.D

Acq: 15 Aug 2019 16:10

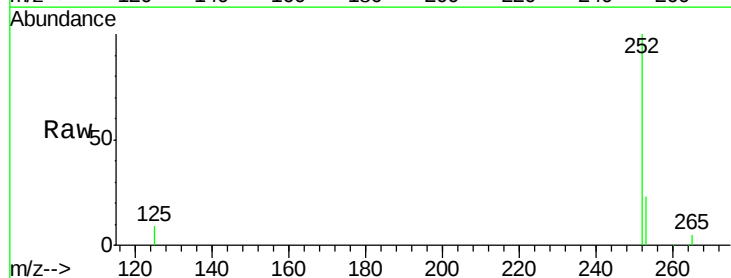
Tgt Ion:252 Resp: 77088

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

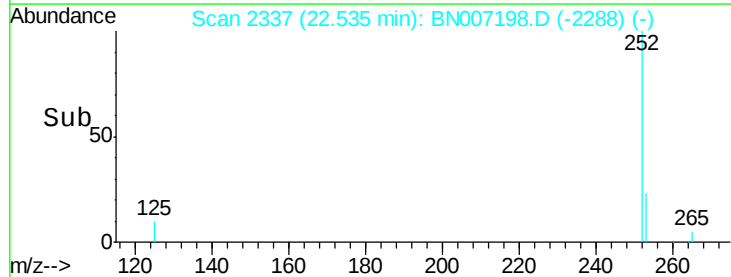
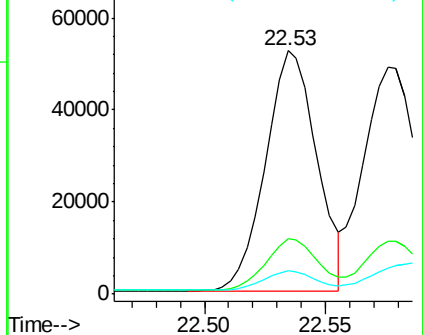
125 9.5 7.4 11.0

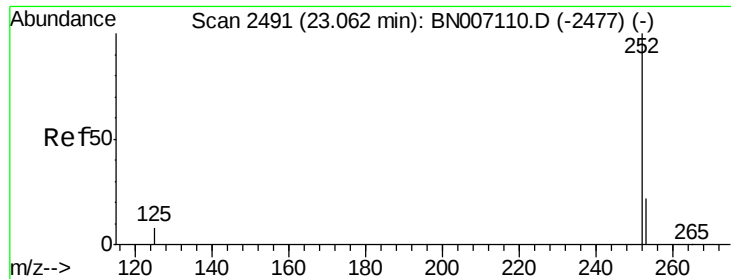


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.388 ng

RT: 23.07 min Scan# 2492

Delta R.T. -0.02 min

Lab File: BN007198.D

Acq: 15 Aug 2019 16:10

Instrument :

BNA_N

ClientSampleId :

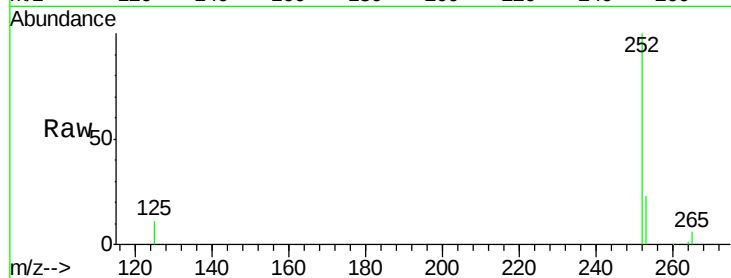
Tot Ion:252 Resp: 71807

Ion Ratio Lower Upper

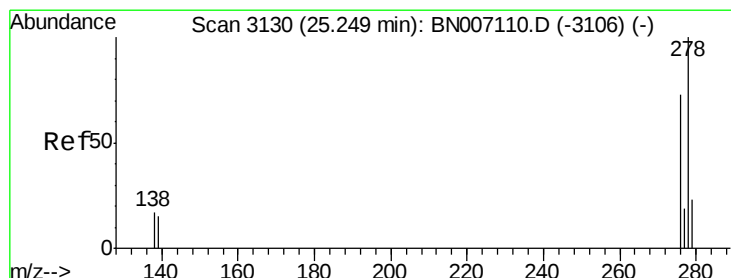
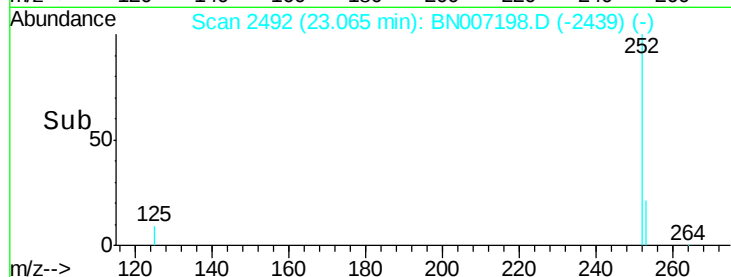
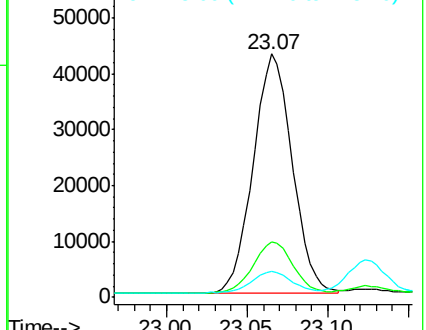
252 100

253 22.9 18.5 27.7

125 10.8 8.2 12.4



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



#36

Dibenzo(a,h)anthracene

Concen: 0.394 ng

RT: 25.25 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BN007198.D

Acq: 15 Aug 2019 16:10

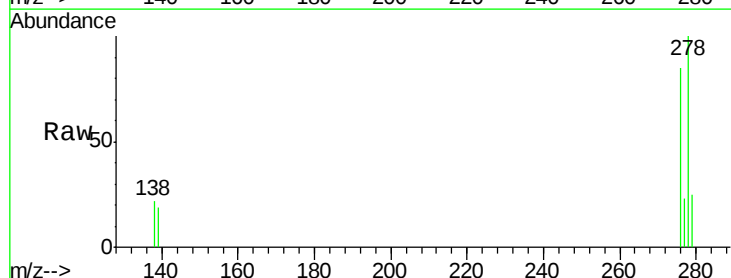
Tgt Ion:278 Resp: 72698

Ion Ratio Lower Upper

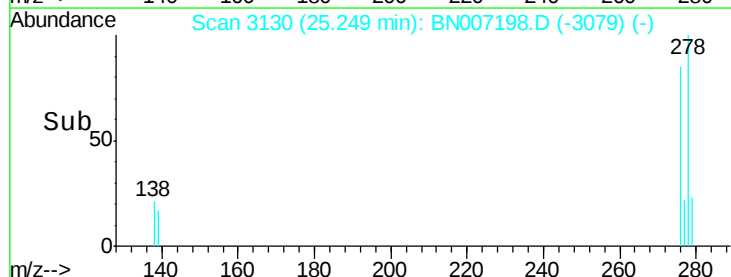
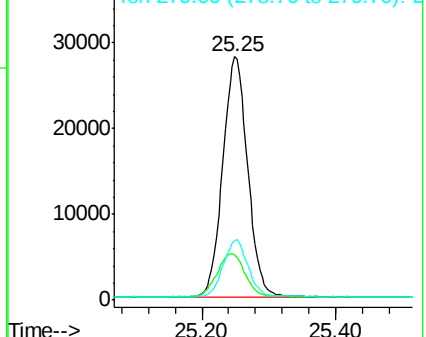
278 100

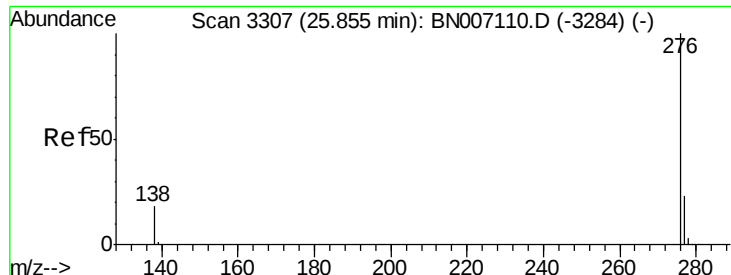
139 18.5 11.3 16.9#

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: 0.384 ng

RT: 25.86 min Scan# 3309

Delta R.T. -0.02 min

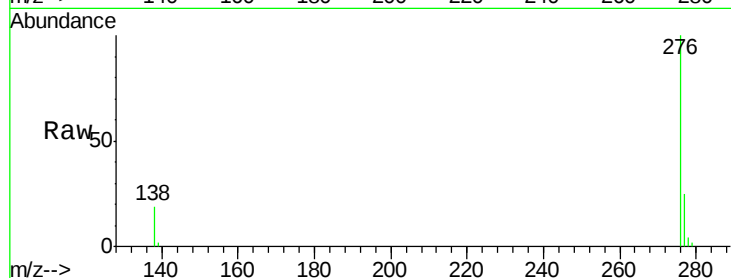
Lab File: BN007198.D

Acq: 15 Aug 2019 16:10

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 72812

Ion Ratio Lower Upper

276 100

277 24.9 19.8 29.8

138 19.3 14.6 22.0

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

