

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081019\
 Data File : BN007079.D
 Acq On : 11 Aug 2019 10:25
 Operator : HP/JU
 Sample : K4143-02MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 12 04:42:43 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	9472	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	36008	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	21024	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	52367	0.40	ng	0.00
26) Chrysene-d12	21.05	240	54176	0.40	ng	-0.01
32) Perylene-d12	23.16	264	59784	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	5266	0.23	ng	0.00
4) Phenol-d6	6.61	99	7089	0.25	ng	0.00
7) Nitrobenzene-d5	8.56	82	5350	0.18	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	14694	0.22	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	1524	0.13	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	4000	0.13	ng	0.00
24) Fluoranthene-d10	18.87	212	35767	0.19	ng	0.00
28) Terphenyl-d14	19.49	244	27064	0.18	ng	0.00

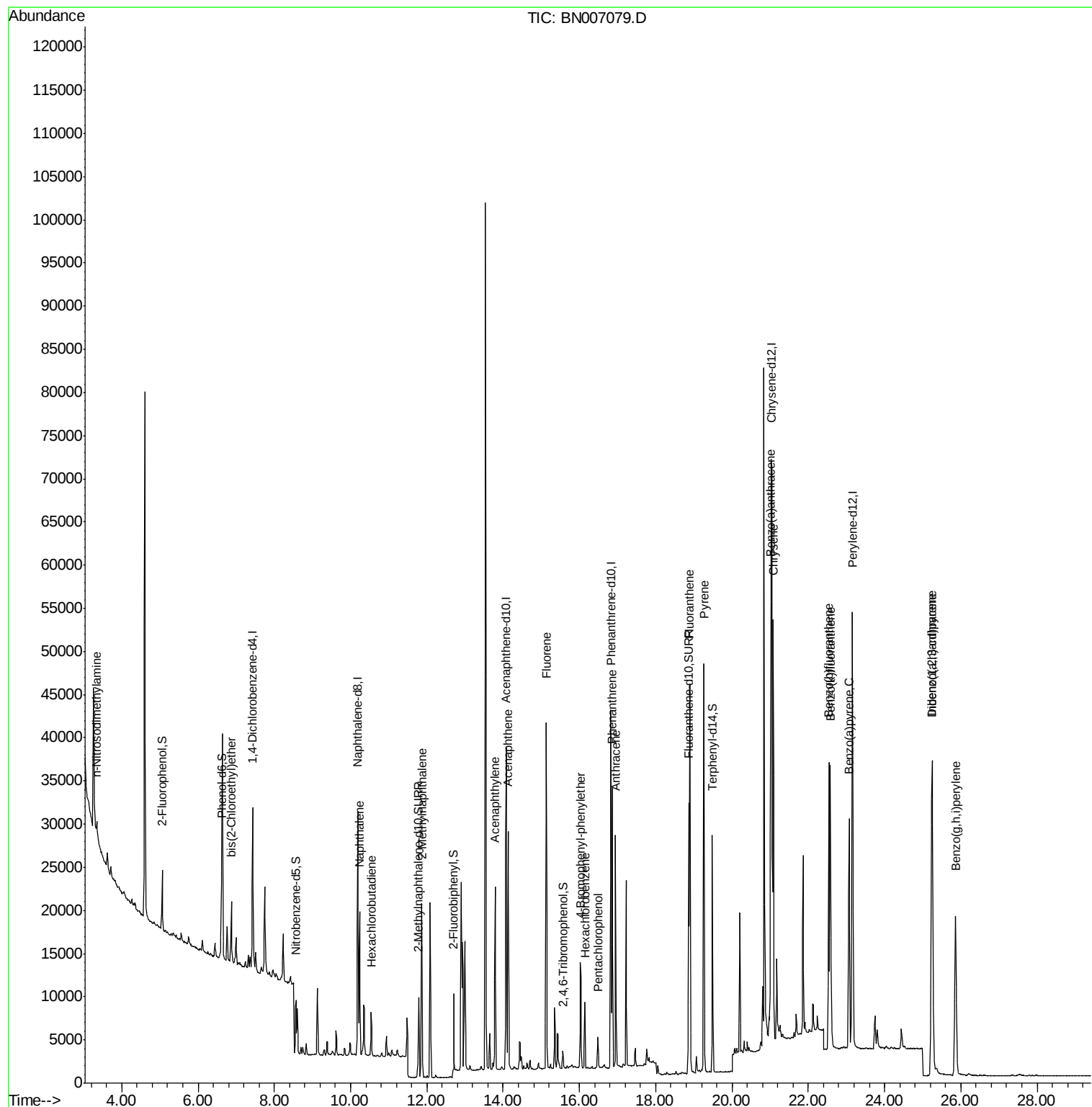
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.34	42	1670	0.268	ng	# 97
5) bis(2-Chloroethyl)ether	6.87	93	5576	0.224	ng	99
8) Naphthalene	10.24	128	20659	0.205	ng	99
9) Hexachlorobutadiene	10.54	225	4117	0.191	ng	# 100
11) 2-Methylnaphthalene	11.87	142	14773	0.207	ng	99
15) Acenaphthylene	13.79	152	22350	0.203	ng	100
16) Acenaphthene	14.13	154	14171	0.201	ng	99
17) Fluorene	15.14	166	18313	0.174	ng	100
19) 4-Bromophenyl-phenylether	16.03	248	7182	0.222	ng	# 80
20) Hexachlorobenzene	16.14	284	6289	0.202	ng	100
21) Pentachlorophenol	16.48	266	1841	0.159	ng	97
22) Phenanthrene	16.87	178	33091	0.211	ng	100
23) Anthracene	16.95	178	29668	0.207	ng	100
25) Fluoranthene	18.90	202	40893	0.204	ng	100
27) Pyrene	19.26	202	42547	0.224	ng	99
29) Benzo(a)anthracene	21.02	228	39670	0.200	ng	99
30) Chrysene	21.08	228	39631	0.206	ng	99
31) Indeno(1,2,3-cd)pyrene	25.24	276	45431	0.214	ng	99
33) Benzo(b)fluoranthene	22.54	252	39222	0.191	ng	99
34) Benzo(k)fluoranthene	22.58	252	41127	0.203	ng	98
35) Benzo(a)pyrene	23.07	252	36840	0.198	ng	99
36) Dibenzo(a,h)anthracene	25.26	278	37802	0.204	ng	98
37) Benzo(g,h,i)perylene	25.86	276	38436	0.202	ng	99

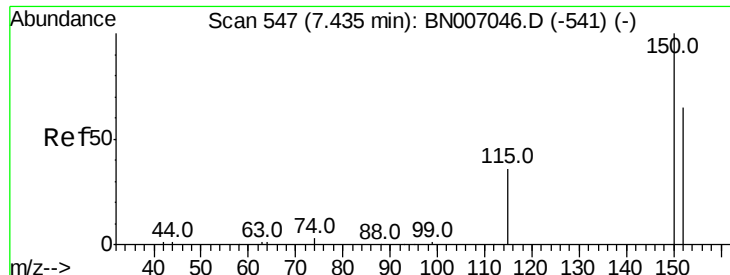
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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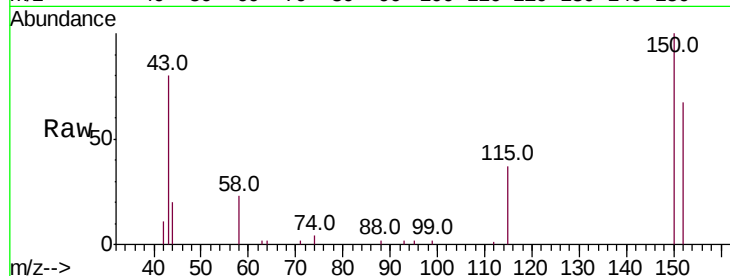


#1

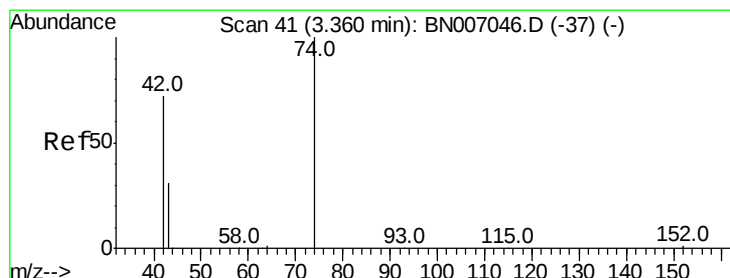
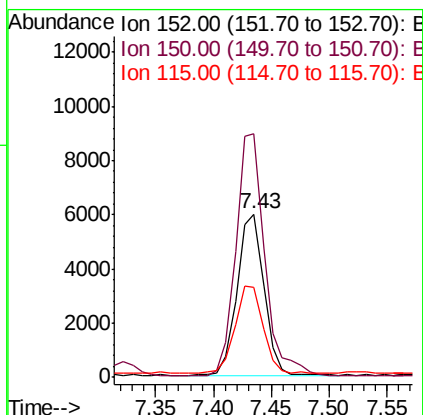
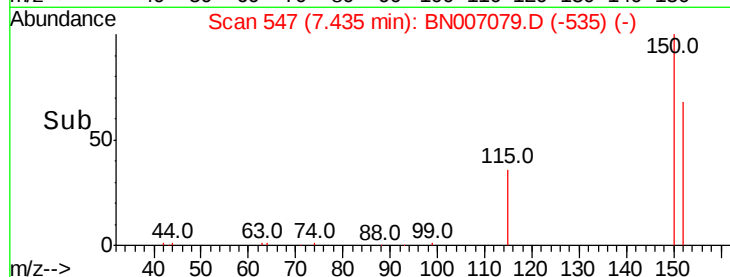
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007079.D
Acq: 11 Aug 2019 10:25

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 9472
Ion Ratio Lower Upper
152 100
150 148.8 121.7 182.5
115 55.3 46.2 69.4



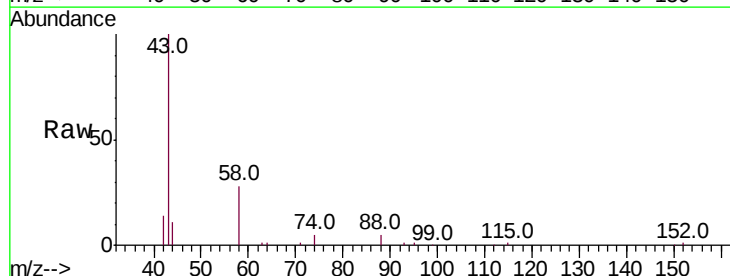
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



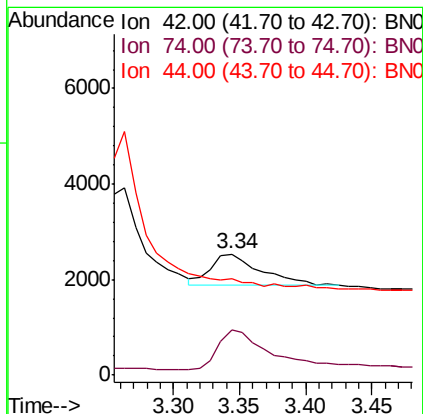
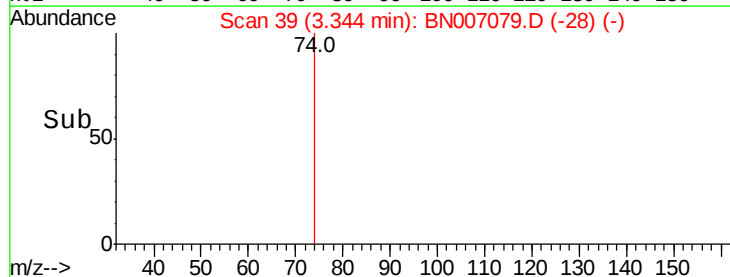
#2

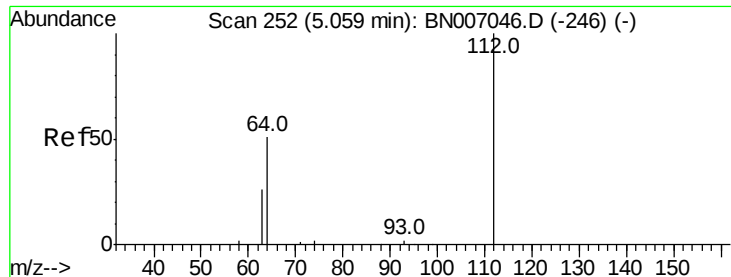
n-Nitrosodimethylamine
Concen: 0.268 ng
RT: 3.34 min Scan# 39
Delta R.T. -0.02 min
Lab File: BN007079.D
Acq: 11 Aug 2019 10:25

Tgt Ion: 42 Resp: 1670
Ion Ratio Lower Upper
42 100
74 135.0 110.6 166.0
44 0.0 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: 0.231 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007079.D

Acq: 11 Aug 2019 10:25

Instrument :

BNA_N

ClientSampleId :

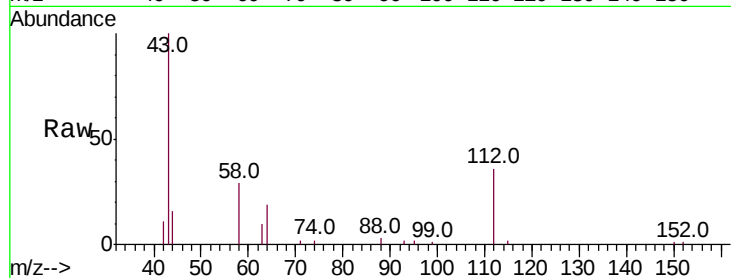
Tot Ion: 112 Resp: 5266

Ion Ratio Lower Upper

112 100

64 52.1 42.6 63.8

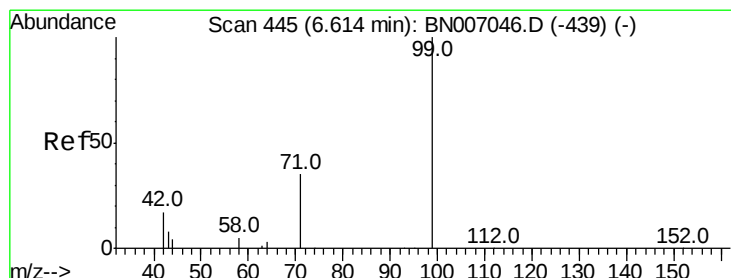
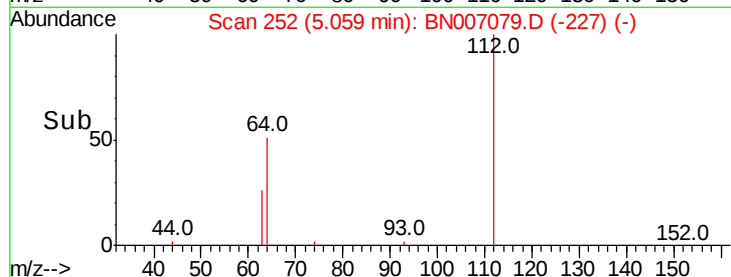
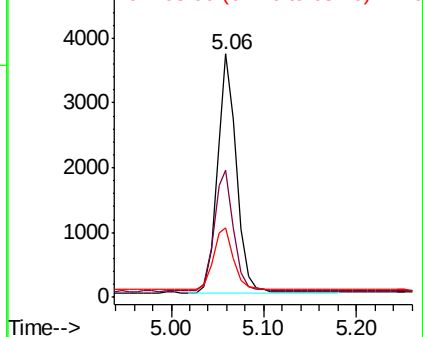
63 27.6 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#4

Phenol-d6

Concen: 0.251 ng

RT: 6.61 min Scan# 445

Delta R.T. 0.00 min

Lab File: BN007079.D

Acq: 11 Aug 2019 10:25

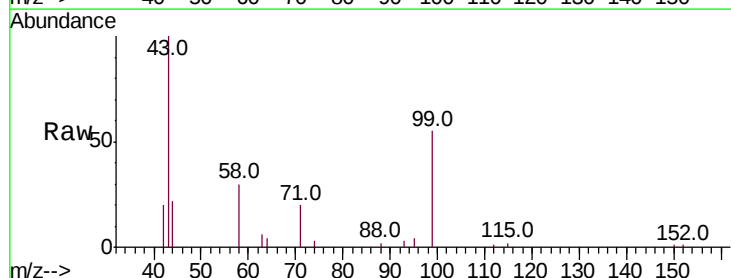
Tgt Ion: 99 Resp: 7089

Ion Ratio Lower Upper

99 100

42 0.0 15.8 23.6#

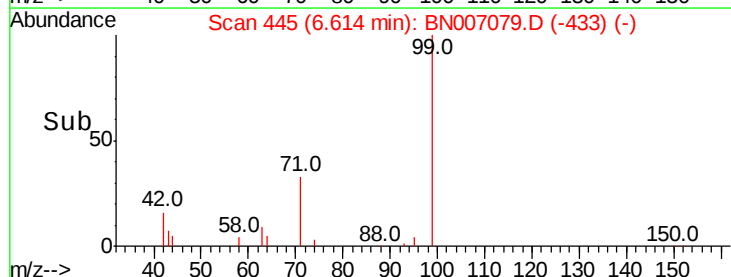
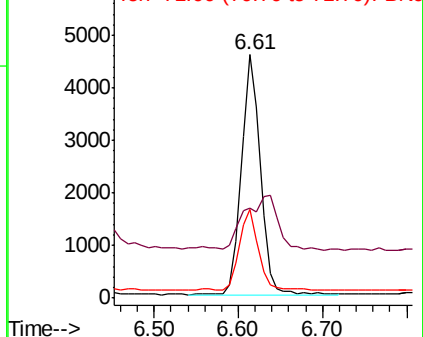
71 33.4 27.0 40.4

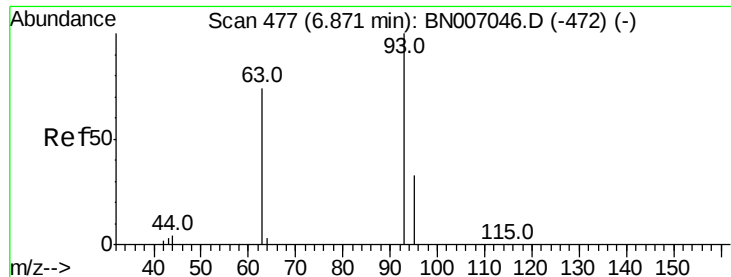


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#5

bis(2-Chloroethyl)ether

Concen: 0.224 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.00 min

Lab File: BN007079.D

Acq: 11 Aug 2019 10:25

Instrument :

BNA_N

ClientSampleId :

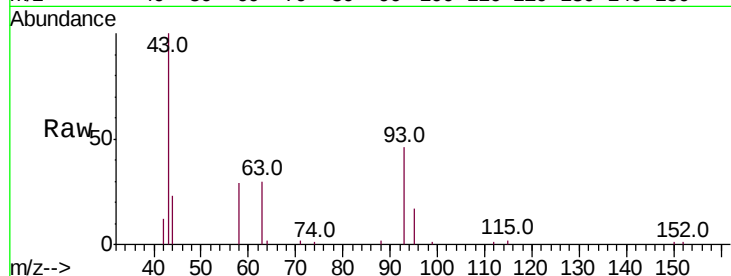
Tot Ion: 93 Resp: 5576

Ion Ratio Lower Upper

93 100

63 69.0 55.6 83.4

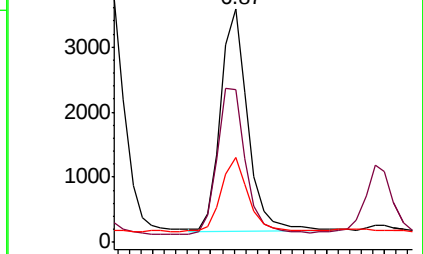
95 32.5 26.7 40.1



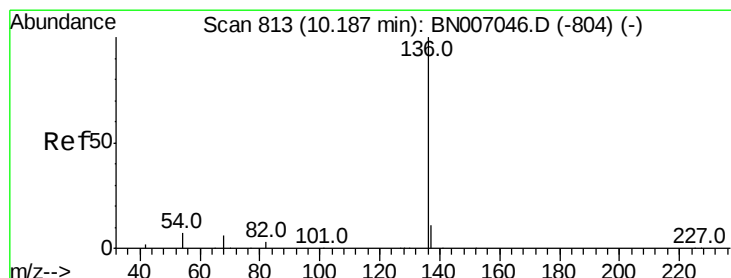
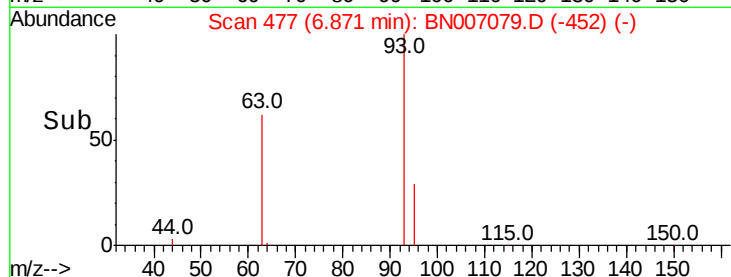
Abundance Ion 93.00 (92.70 to 93.70): BN007046.D (-472) (-)

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

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



Time-->



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. 0.00 min

Lab File: BN007079.D

Acq: 11 Aug 2019 10:25

Tgt Ion: 136 Resp: 36008

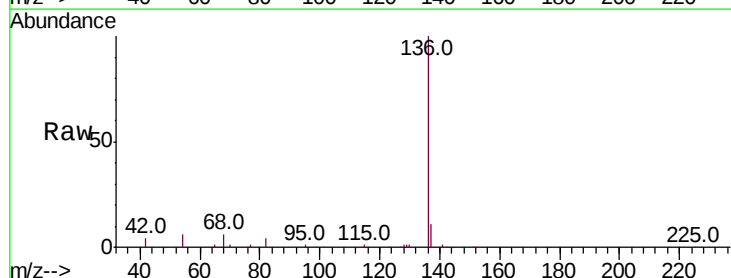
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.0

54 6.3 6.6 9.8#

68 5.7 6.0 9.0#

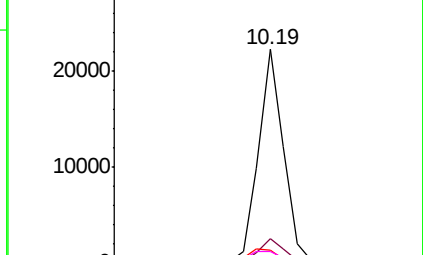


Abundance Ion 136.00 (135.70 to 136.70): BN007046.D (-804) (-)

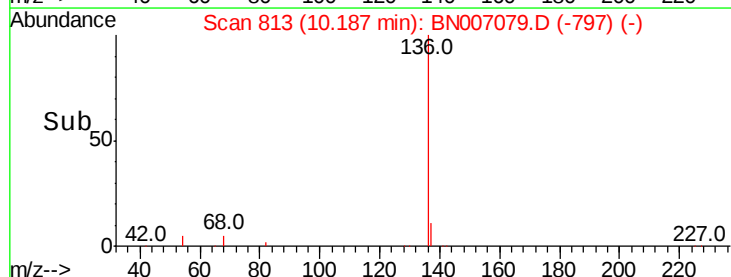
Ion 137.00 (136.70 to 137.70): BN007046.D (-804) (-)

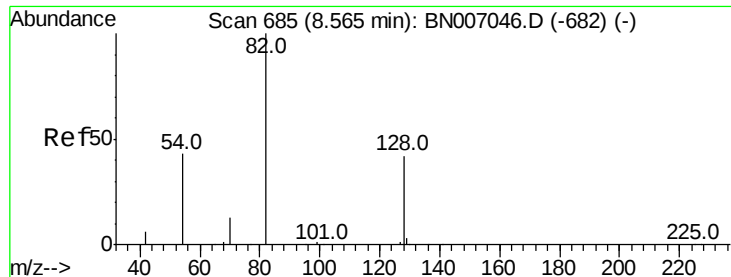
Ion 54.00 (53.70 to 54.70): BN007046.D (-804) (-)

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



Time-->





#7

Nitrobenzene-d5

Concen: 0.184 ng

RT: 8.56 min Scan# 685

Delta R.T. 0.00 min

Lab File: BN007079.D

Acq: 11 Aug 2019 10:25

Instrument :

BNA_N

ClientSampleId :

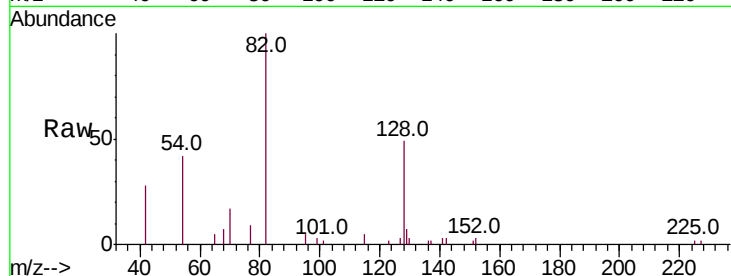
Tot Ion: 82 Resp: 5350

Ion Ratio Lower Upper

82 100

128 48.8 34.6 51.8

54 42.3 36.2 54.4

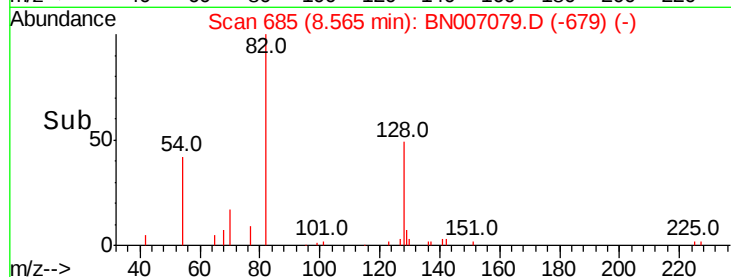


Abundance Ion 82.00 (81.70 to 82.70): BN007046.D (-682) (-)

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

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

Time-->



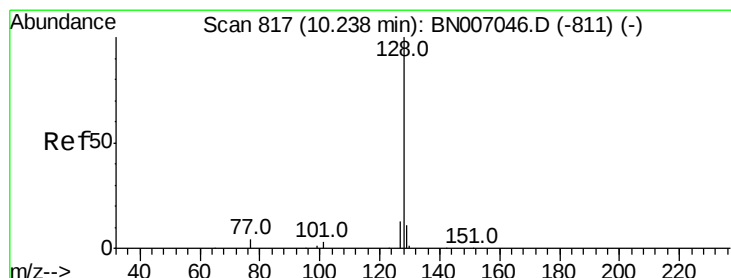
Abundance

Ion 82.00 (81.70 to 82.70): BN007079.D (-679) (-)

Ion 128.00 (127.70 to 128.70): BN007079.D (-679) (-)

Ion 54.00 (53.70 to 54.70): BN007079.D (-679) (-)

Time-->



#8

Naphthalene

Concen: 0.205 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007079.D

Acq: 11 Aug 2019 10:25

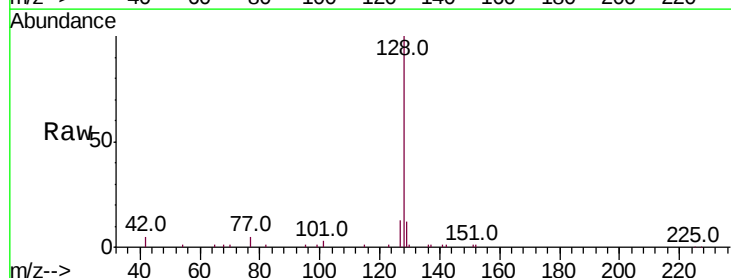
Tgt Ion: 128 Resp: 20659

Ion Ratio Lower Upper

128 100

129 12.0 9.4 14.2

127 13.5 11.0 16.6

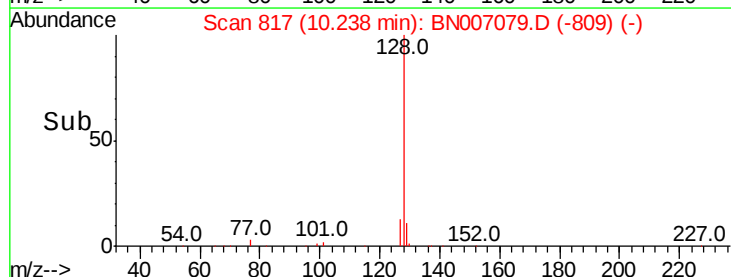


Abundance Ion 128.00 (127.70 to 128.70): BN007046.D (-811) (-)

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

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

Time-->



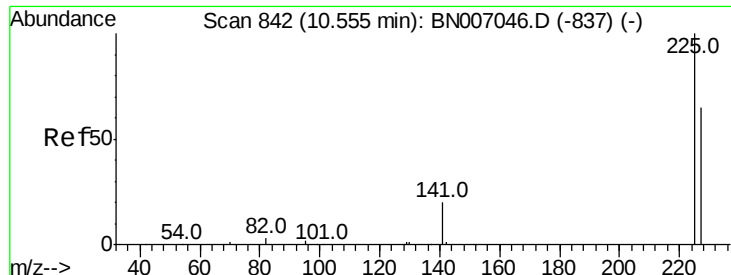
Abundance

Ion 128.00 (127.70 to 128.70): BN007079.D (-809) (-)

Ion 129.00 (128.70 to 129.70): BN007079.D (-809) (-)

Ion 127.00 (126.70 to 127.70): BN007079.D (-809) (-)

Time-->



#9

Hexachlorobutadiene

Concen: 0.191 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007079.D

Acq: 11 Aug 2019 10:25

Instrument :

BNA_N

ClientSampleId :

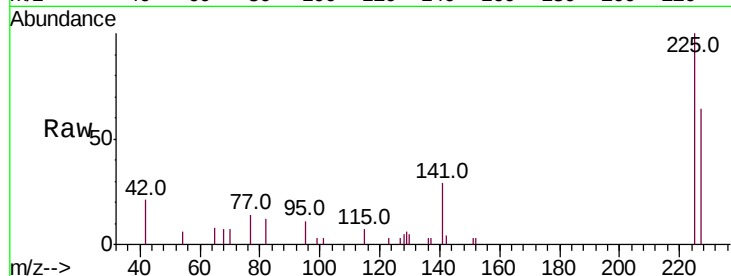
Tot Ion:225 Resp: 4117

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

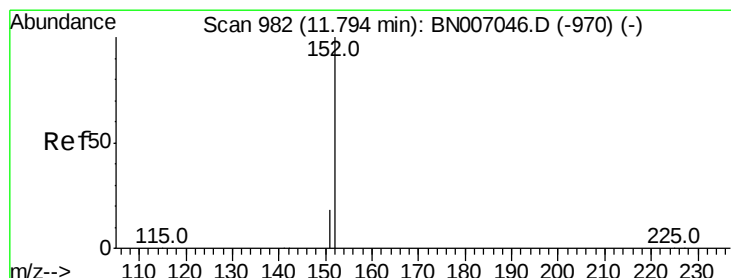
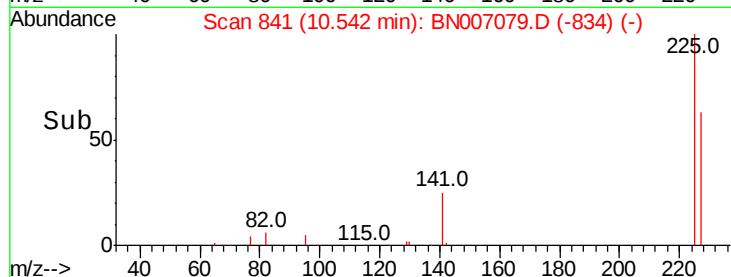
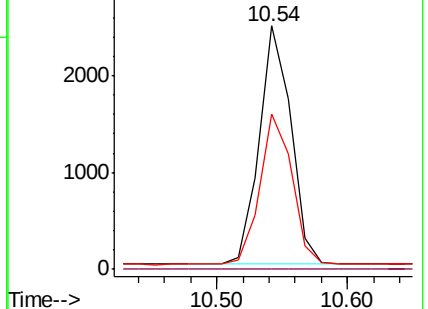
227 63.7 51.1 76.7



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: 0.219 ng

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007079.D

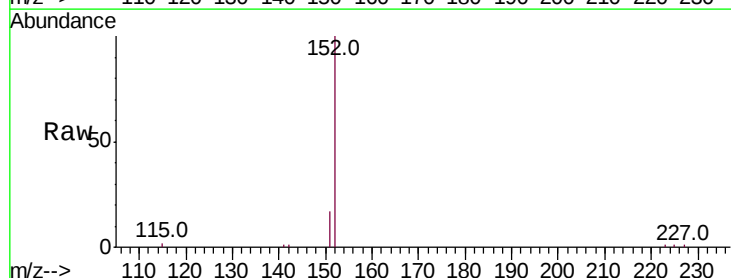
Acq: 11 Aug 2019 10:25

Tgt Ion:152 Resp: 14694

Ion Ratio Lower Upper

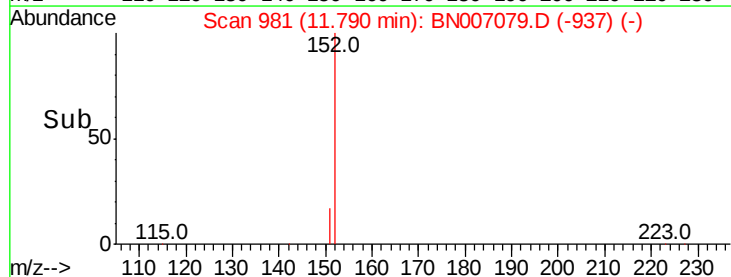
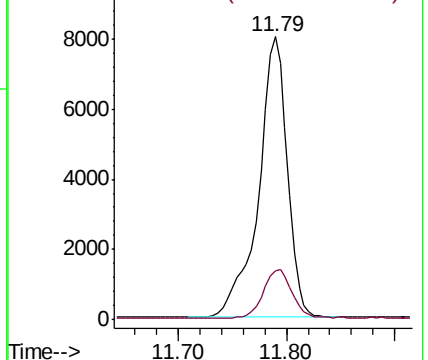
152 100

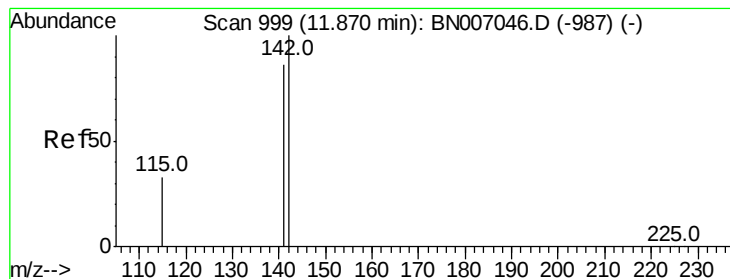
151 17.1 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.207 ng

RT: 11.87 min Scan# 998

Delta R.T. -0.00 min

Lab File: BN007079.D

Acq: 11 Aug 2019 10:25

Instrument :

BNA_N

ClientSampleId :

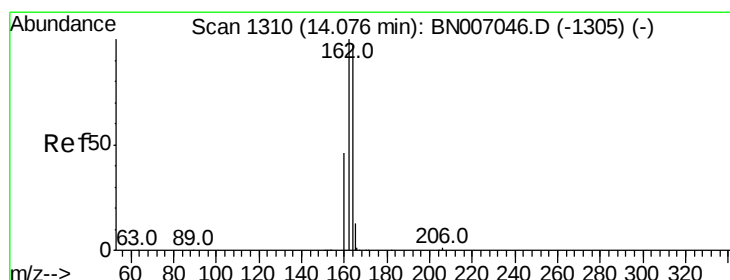
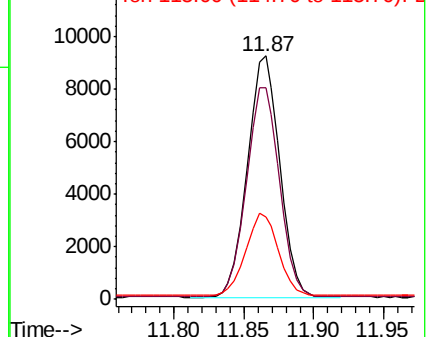
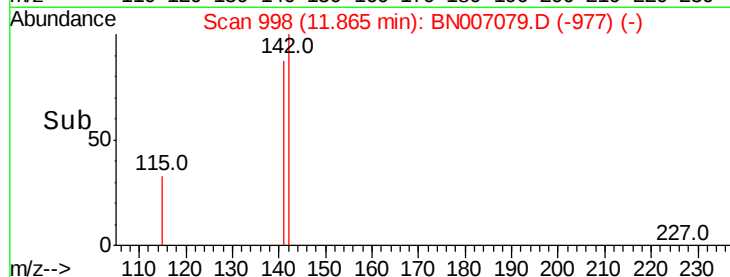
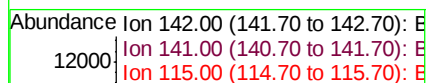
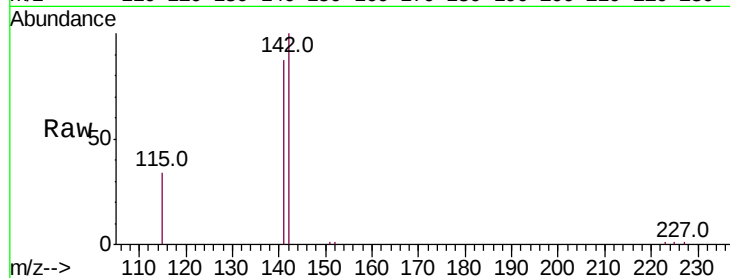
Tot Ion:142 Resp: 14773

Ion Ratio Lower Upper

142 100

141 87.1 69.0 103.6

115 34.1 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: BN007079.D

Acq: 11 Aug 2019 10:25

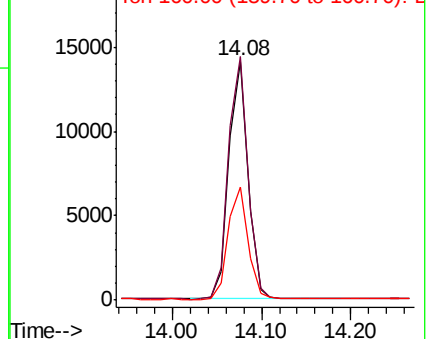
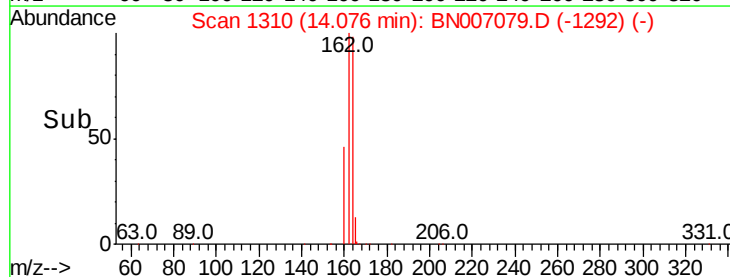
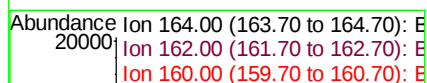
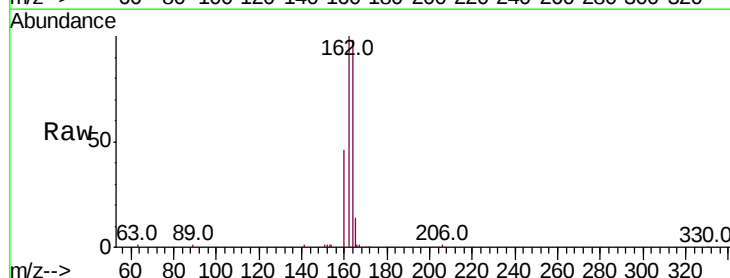
Tgt Ion:164 Resp: 21024

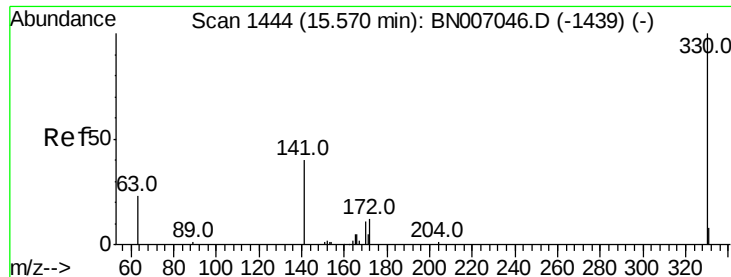
Ion Ratio Lower Upper

164 100

162 101.8 82.2 123.4

160 47.1 38.3 57.5

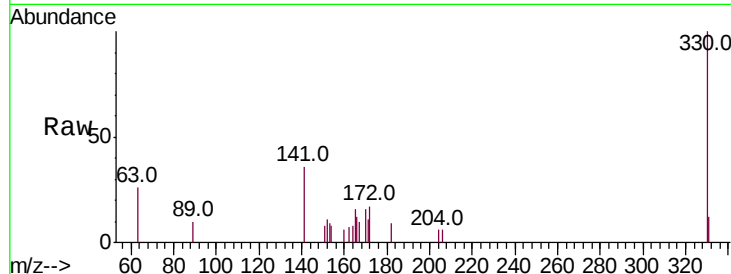




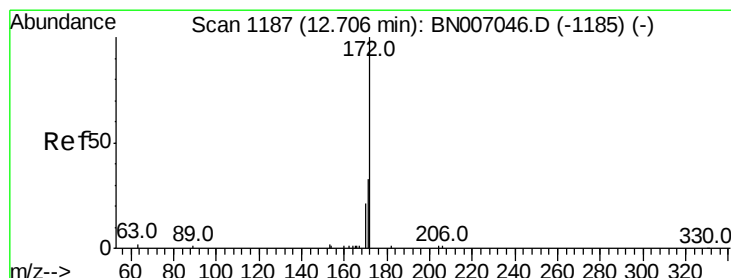
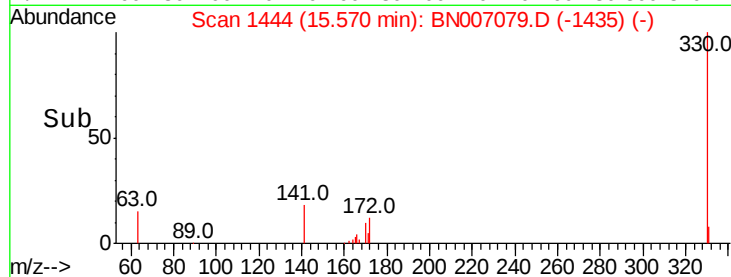
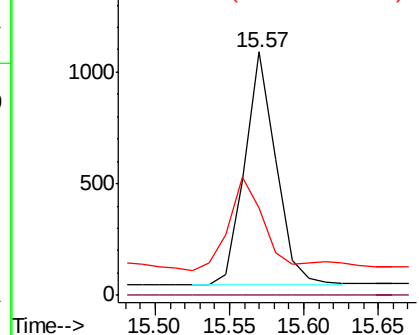
#13
 2,4,6-Tribromophenol
 Concen: 0.135 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: BN007079.D
 Acq: 11 Aug 2019 10:25

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:330 Resp: 1524
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 45.1 33.6 50.4

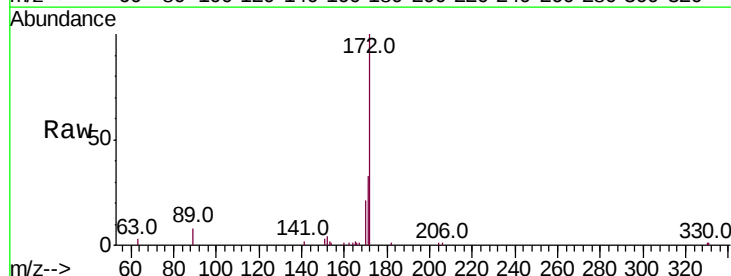


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

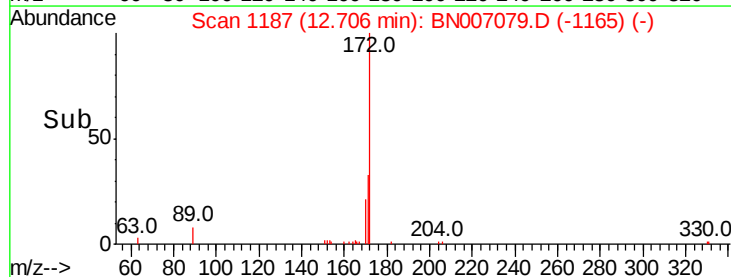
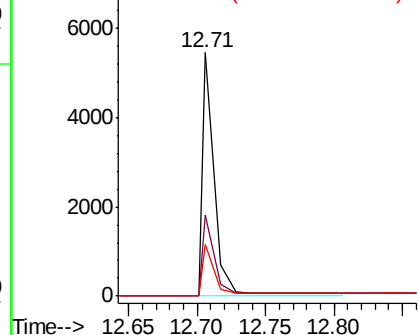


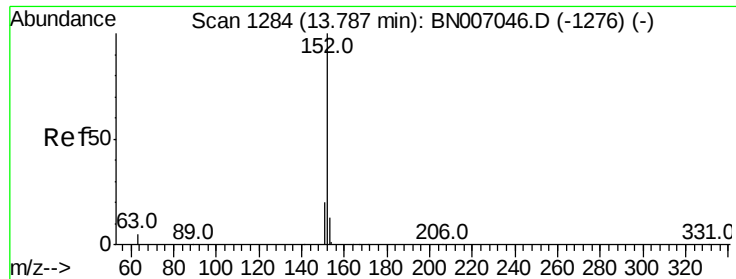
#14
 2-Fluorobiphenyl
 Concen: 0.131 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007079.D
 Acq: 11 Aug 2019 10:25

Tgt Ion:172 Resp: 4000
 Ion Ratio Lower Upper
 172 100
 171 33.3 26.3 39.5
 170 21.0 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: 0.203 ng

RT: 13.79 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BN007079.D

Acq: 11 Aug 2019 10:25

Instrument :

BNA_N

ClientSampleId :

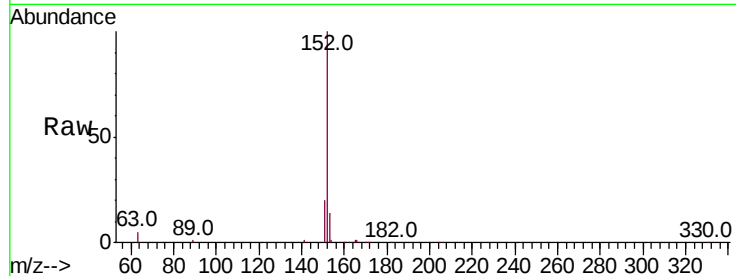
Tot Ion:152 Resp: 22350

Ion Ratio Lower Upper

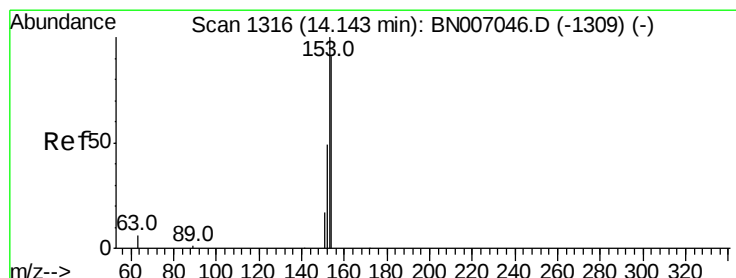
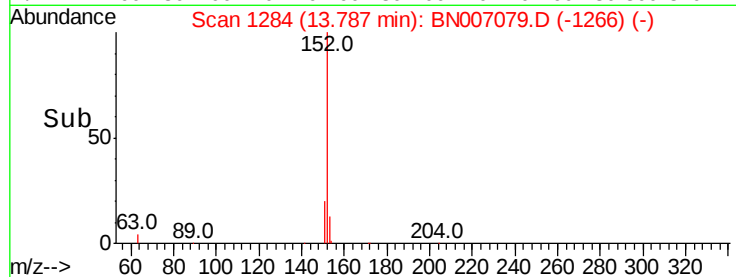
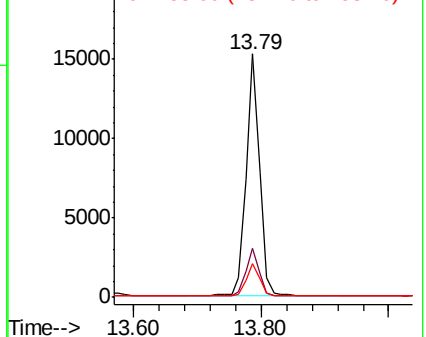
152 100

151 19.8 15.8 23.6

153 13.1 10.4 15.6



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



#16

Acenaphthene

Concen: 0.201 ng

RT: 14.13 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN007079.D

Acq: 11 Aug 2019 10:25

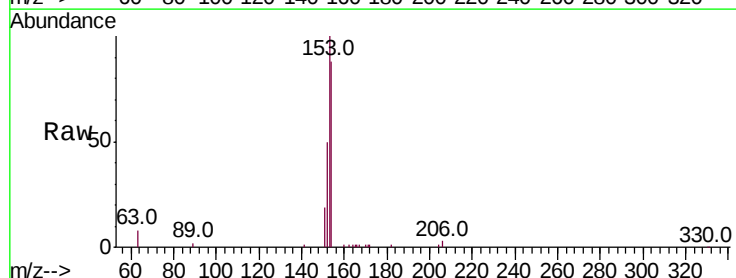
Tgt Ion:154 Resp: 14171

Ion Ratio Lower Upper

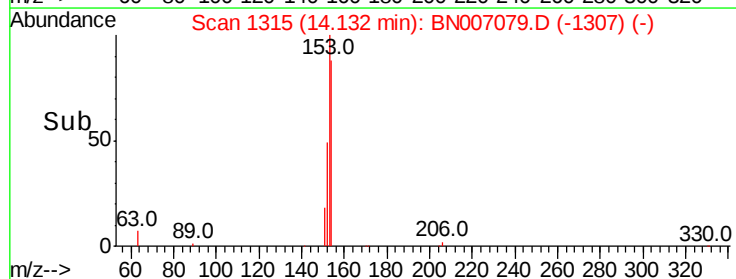
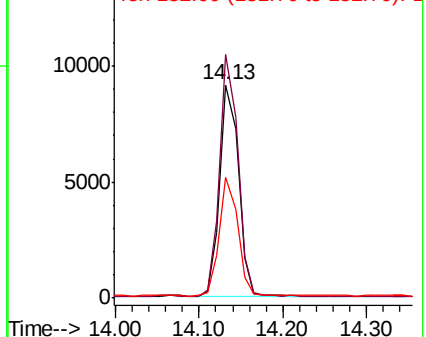
154 100

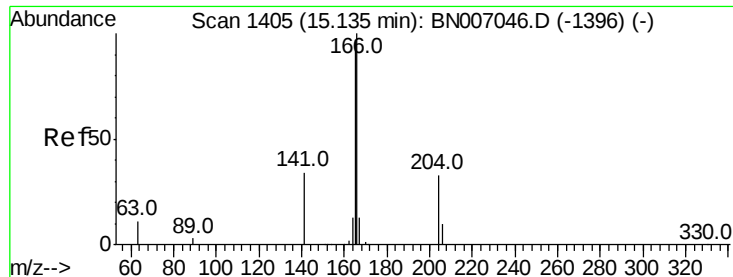
153 111.3 89.5 134.3

152 55.7 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

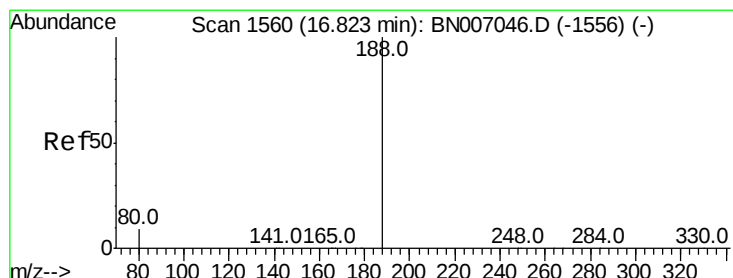
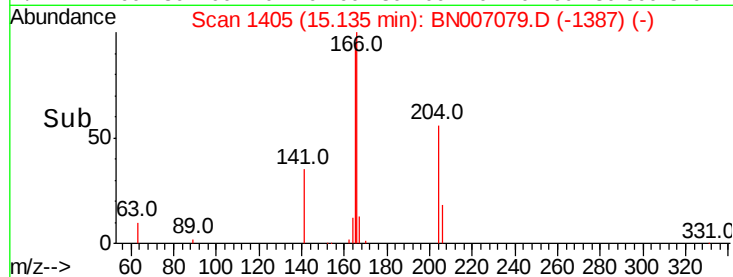
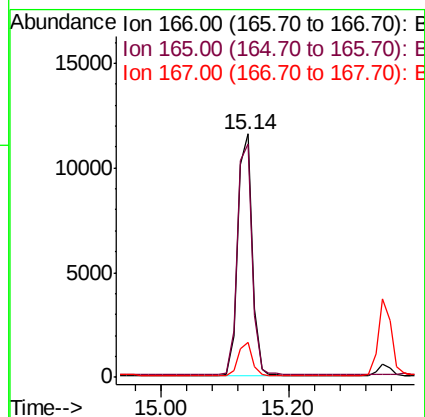
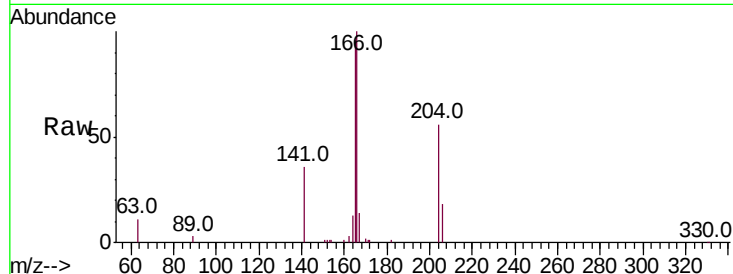




#17
 Fluorene
 Concen: 0.174 ng
 RT: 15.14 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BN007079.D
 Acq: 11 Aug 2019 10:25

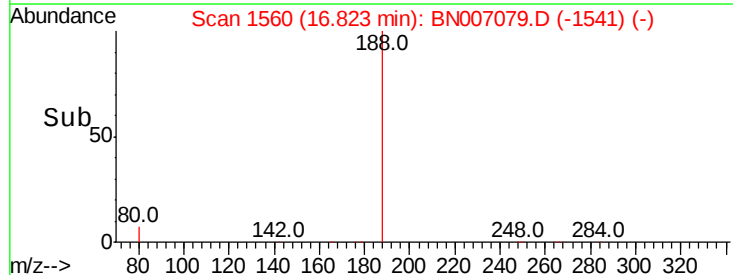
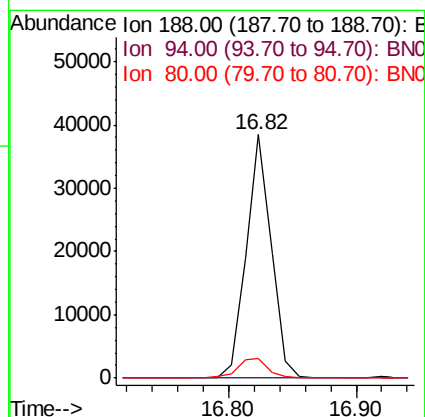
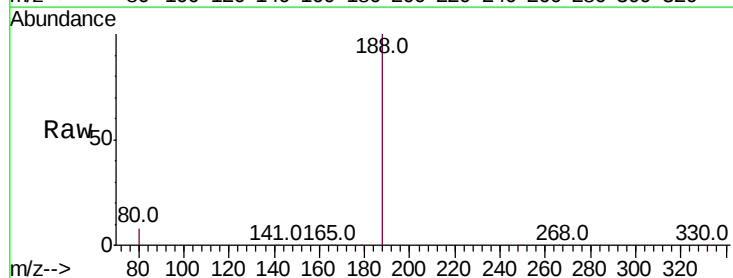
Instrument :
 BNA_N
 ClientSampleId :

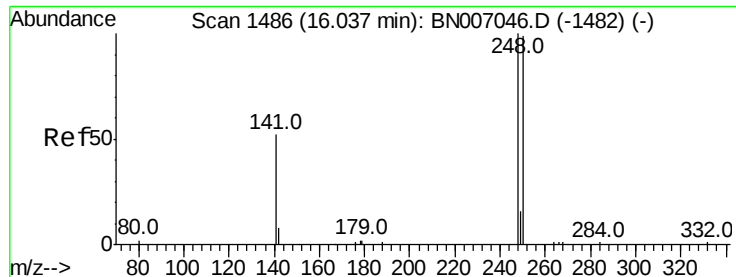
Tot Ion:166 Resp: 18313
 Ion Ratio Lower Upper
 166 100
 165 97.7 77.9 116.9
 167 13.5 10.9 16.3



#18
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.82 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BN007079.D
 Acq: 11 Aug 2019 10:25

Tgt Ion:188 Resp: 52367
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 7.8 7.8 11.6





#19

4-Bromophenyl-phenylether

Concen: 0.222 ng

RT: 16.03 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN007079.D

Acq: 11 Aug 2019 10:25

Instrument :

BNA_N

ClientSampled :

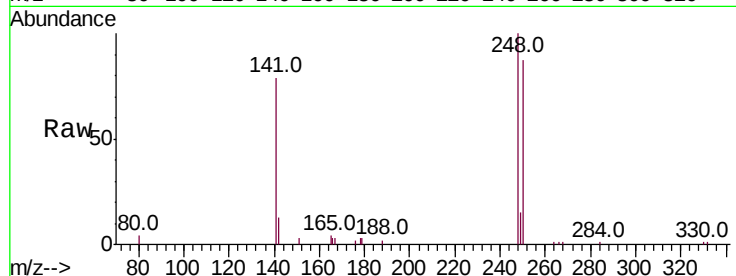
Tot Ion:248 Resp: 7182

Ion Ratio Lower Upper

248 100

250 86.9 78.9 118.3

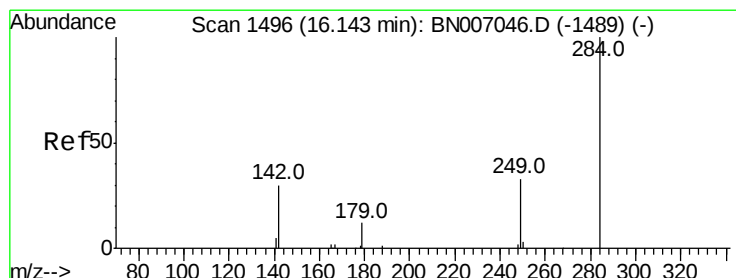
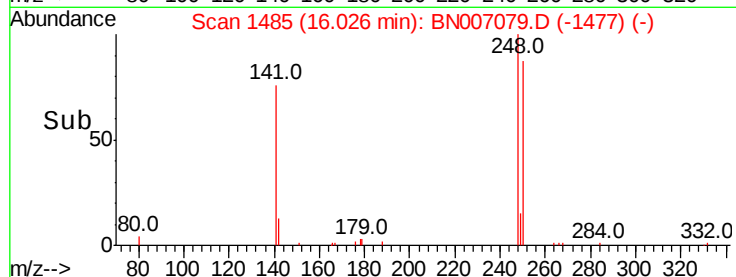
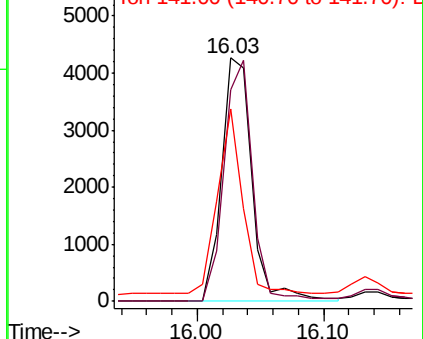
141 79.3 43.3 64.9#



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: 0.202 ng

RT: 16.14 min Scan# 1496

Delta R.T. 0.00 min

Lab File: BN007079.D

Acq: 11 Aug 2019 10:25

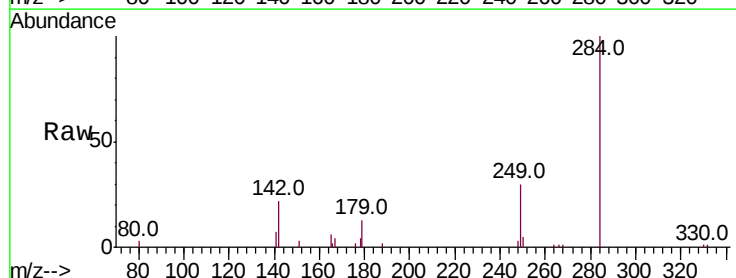
Tgt Ion:284 Resp: 6289

Ion Ratio Lower Upper

284 100

142 38.0 30.5 45.7

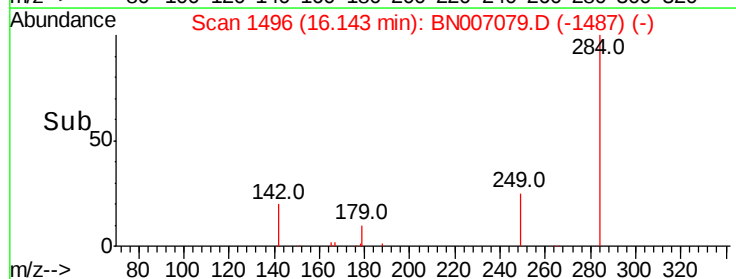
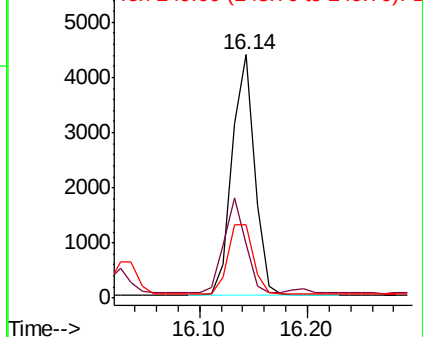
249 33.0 26.7 40.1

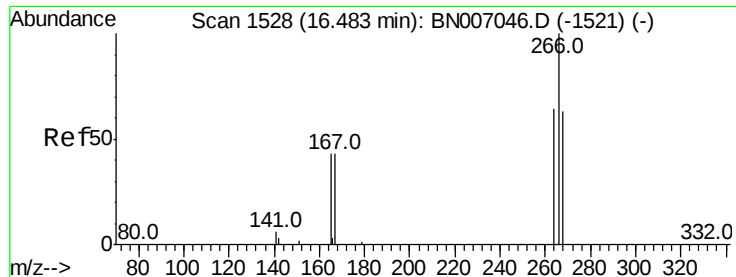


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

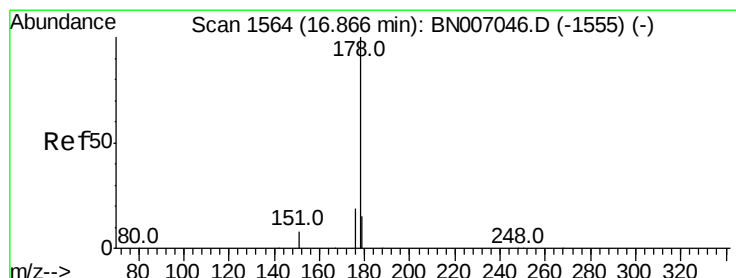
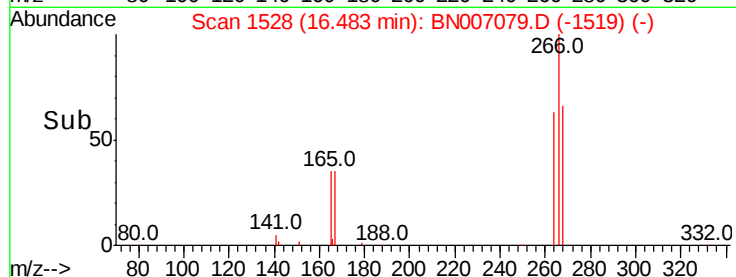
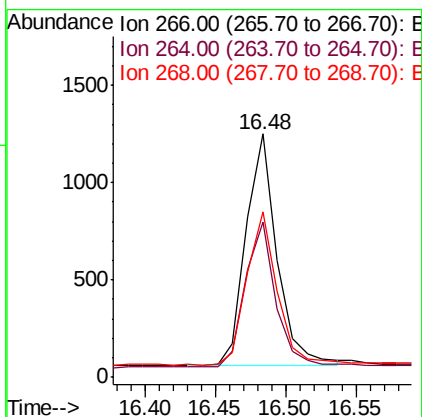
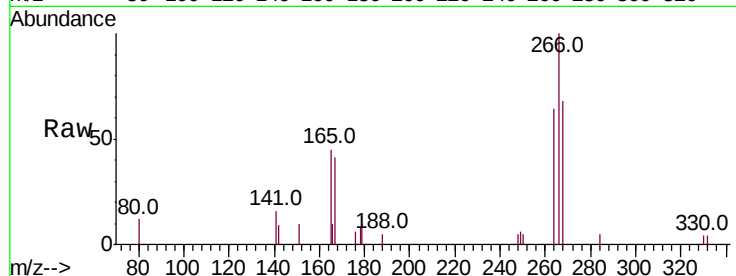




#21
 Pentachlorophenol
 Concen: 0.159 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007079.D
 Acq: 11 Aug 2019 10:25

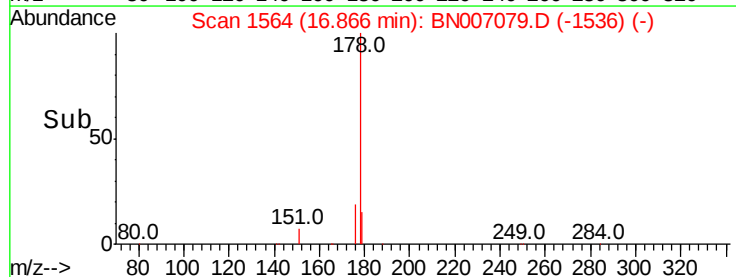
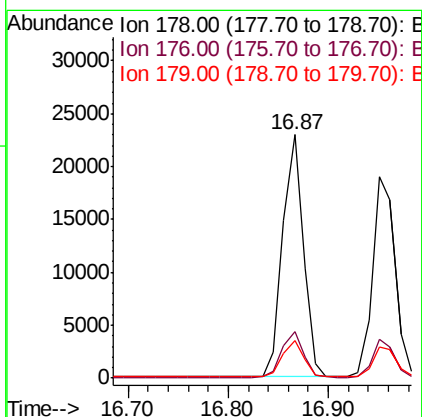
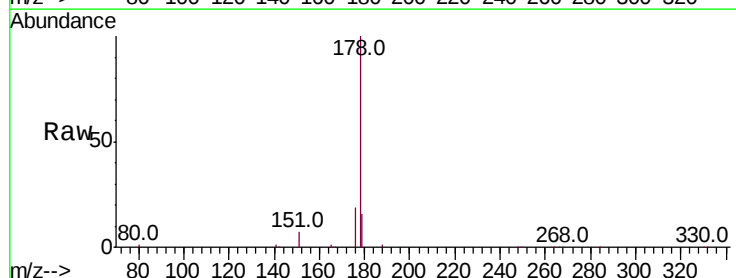
Instrument :
 BNA_N
 ClientSampleId :

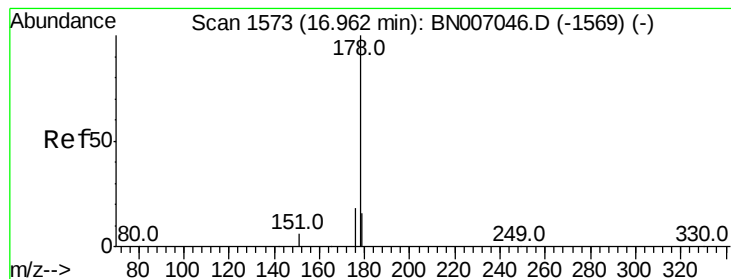
Tot Ion:266 Resp: 1841
 Ion Ratio Lower Upper
 266 100
 264 63.7 52.3 78.5
 268 67.9 51.5 77.3



#22
 Phenanthrene
 Concen: 0.211 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007079.D
 Acq: 11 Aug 2019 10:25

Tgt Ion:178 Resp: 33091
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.2 22.8
 179 15.6 12.3 18.5





#23

Anthracene

Concen: 0.207 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007079.D

Acq: 11 Aug 2019 10:25

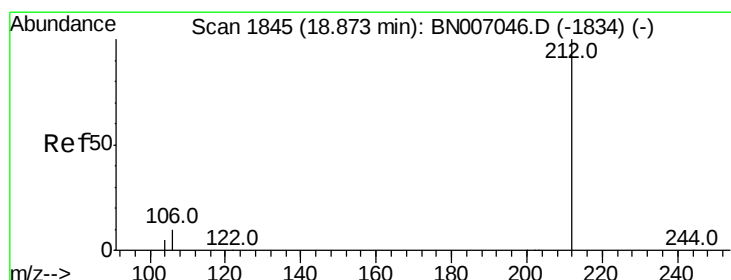
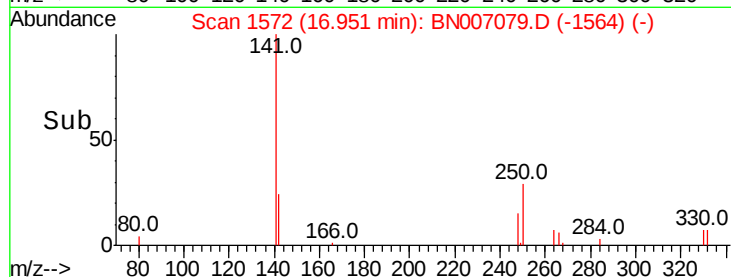
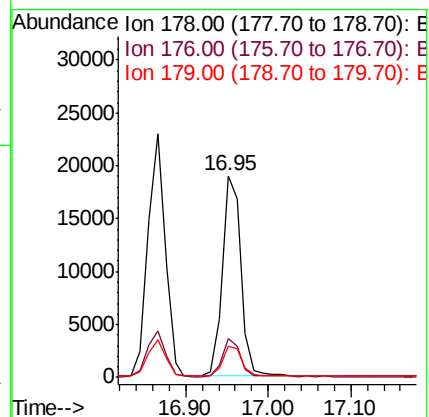
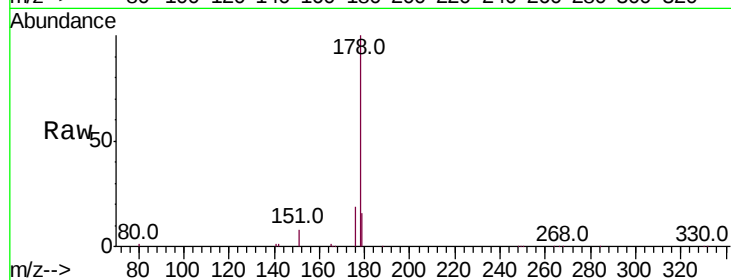
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 29668

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.5	12.5	18.7



#24

Fluoranthene-d10

Concen: 0.193 ng

RT: 18.87 min Scan# 1844

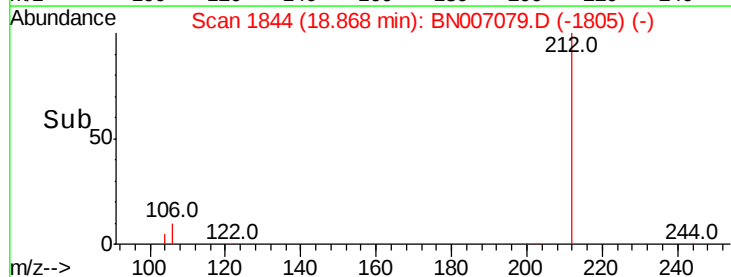
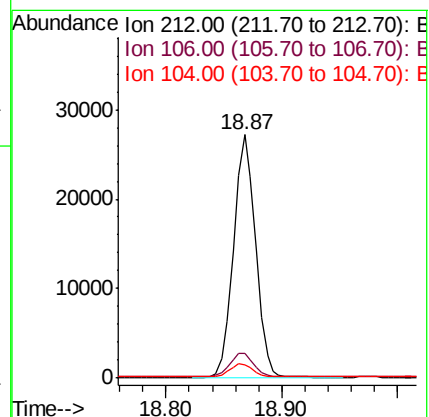
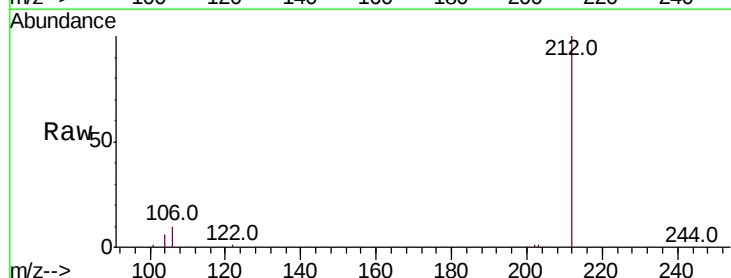
Delta R.T. -0.00 min

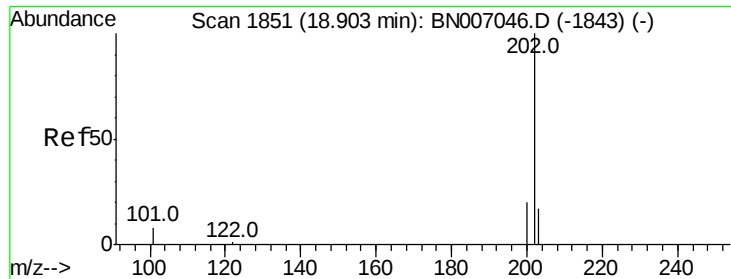
Lab File: BN007079.D

Acq: 11 Aug 2019 10:25

Tgt Ion:212 Resp: 35767

Ion	Ratio	Lower	Upper
212	100		
106	10.2	8.2	12.2
104	5.6	4.5	6.7





#25

Fluoranthene

Concen: 0.204 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BN007079.D

Acq: 11 Aug 2019 10:25

Instrument :

BNA_N

ClientSampleId :

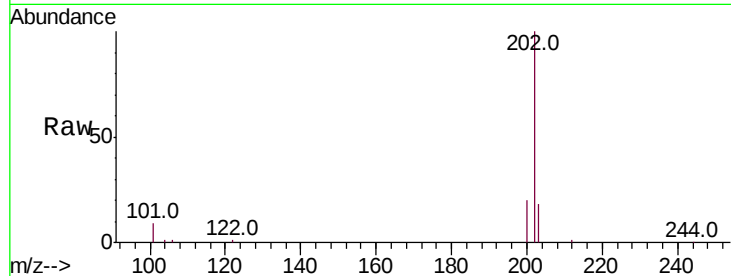
Tot Ion:202 Resp: 40893

Ion Ratio Lower Upper

202 100

101 8.6 7.0 10.4

203 17.2 13.8 20.8

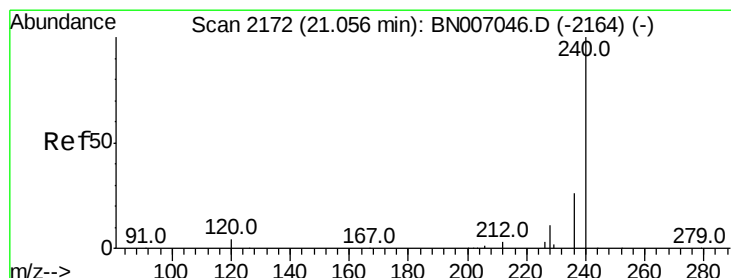
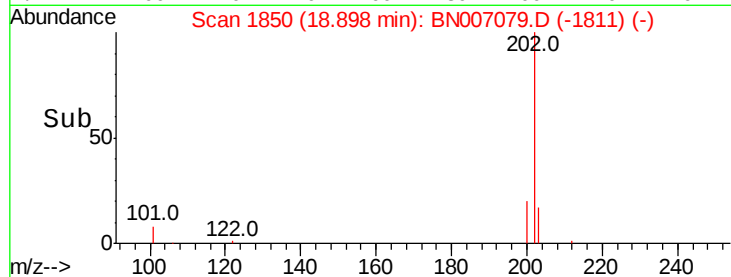
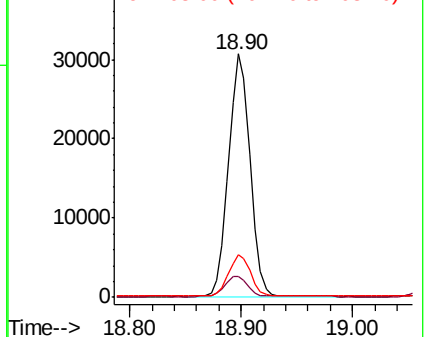


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.05 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN007079.D

Acq: 11 Aug 2019 10:25

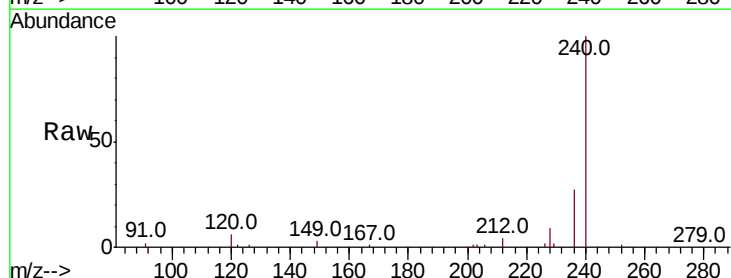
Tgt Ion:240 Resp: 54176

Ion Ratio Lower Upper

240 100

120 6.1 4.0 6.0#

236 27.0 21.3 31.9

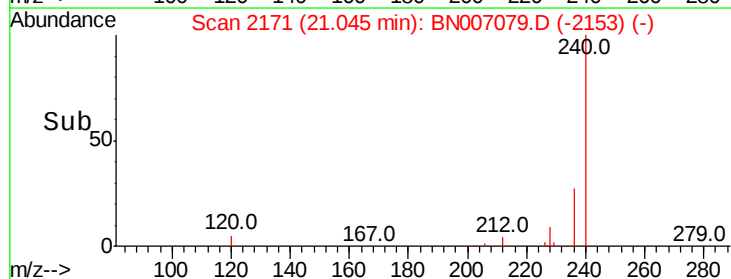
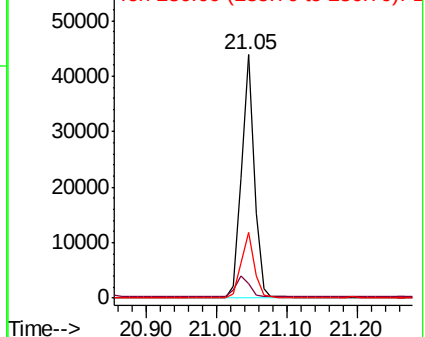


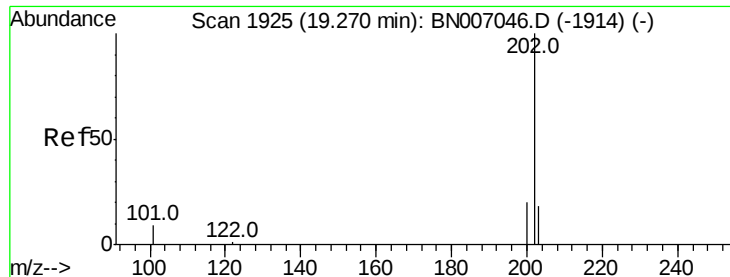
Abundance

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

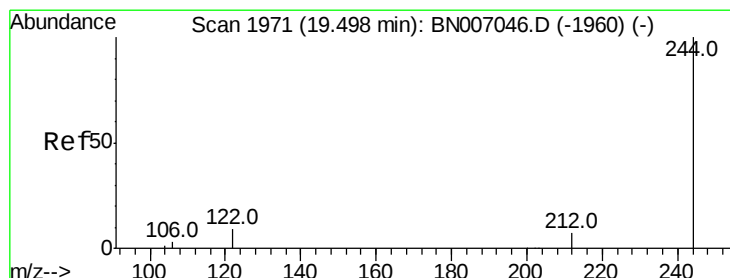
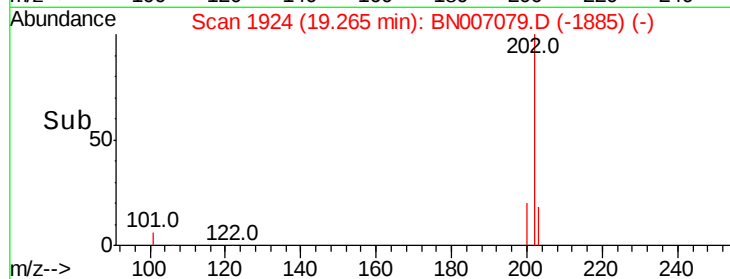
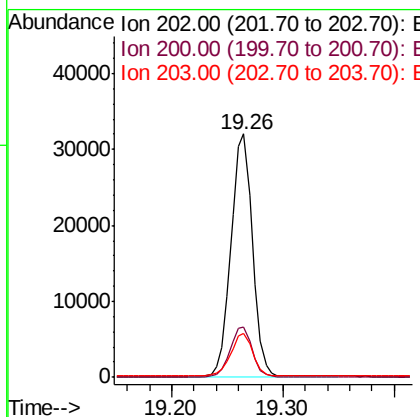
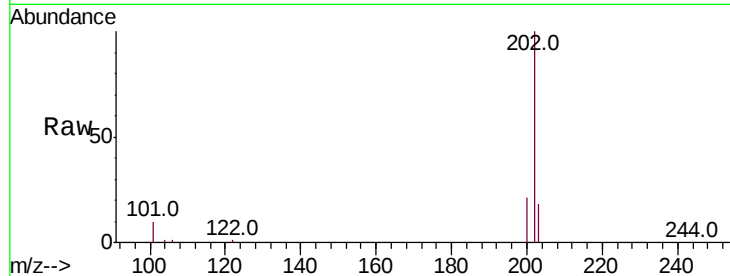




#27
Pvrene
Concen: 0.224 ng
RT: 19.26 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BN007079.D
Acq: 11 Aug 2019 10:25

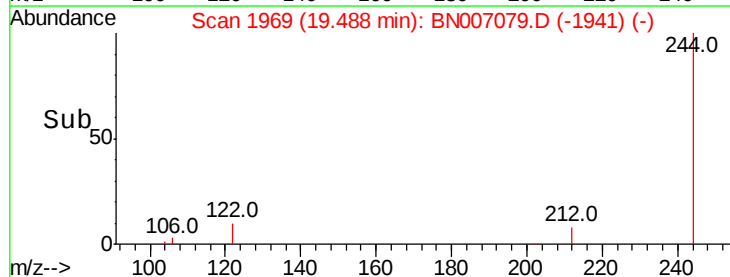
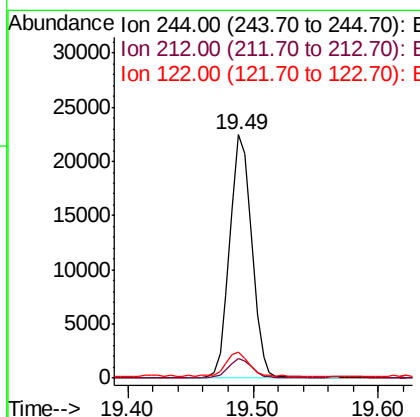
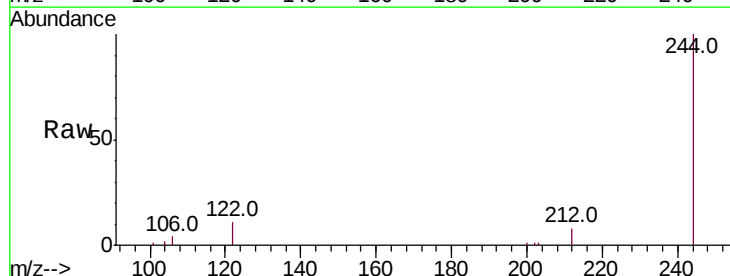
Instrument :
BNA_N
ClientSampleId :

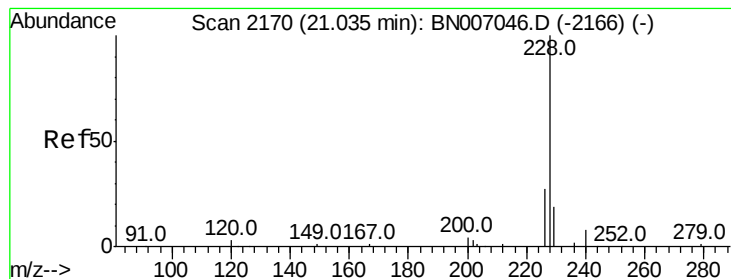
Tot Ion:202 Resp: 42547
Ion Ratio Lower Upper
202 100
200 20.7 16.6 24.8
203 18.3 14.0 21.0



#28
Terphenyl-d14
Concen: 0.183 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007079.D
Acq: 11 Aug 2019 10:25

Tgt Ion:244 Resp: 27064
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 10.6 7.4 11.2





#29

Benzo(a)anthracene

Concen: 0.200 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007079.D

Acq: 11 Aug 2019 10:25

Instrument :

BNA_N

ClientSampleId :

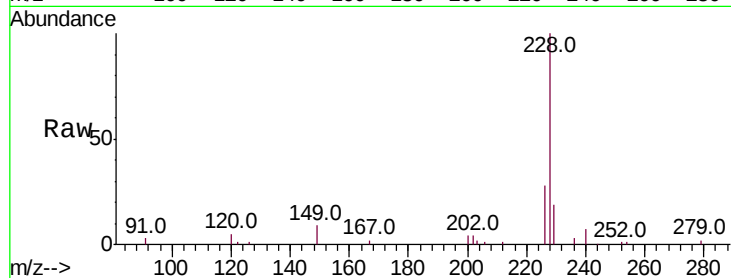
Tot Ion:228 Resp: 39670

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.6
229	19.3	15.6	23.4

228 100

226 27.7 21.8 32.6

229 19.3 15.6 23.4

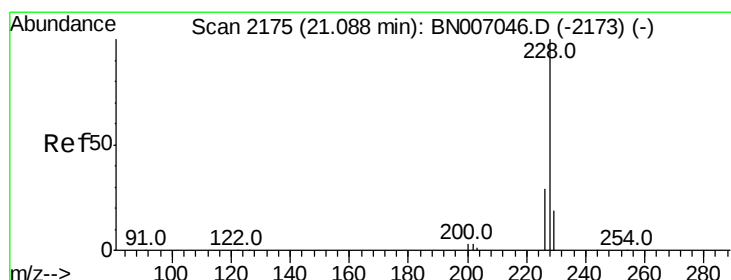
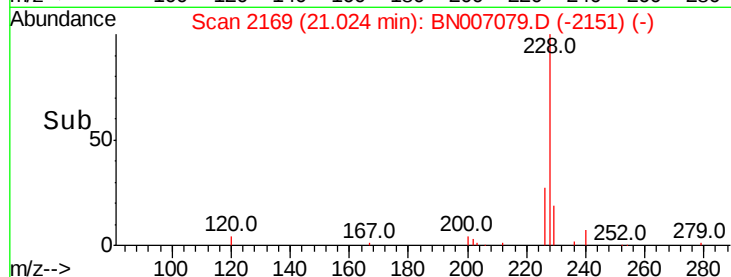
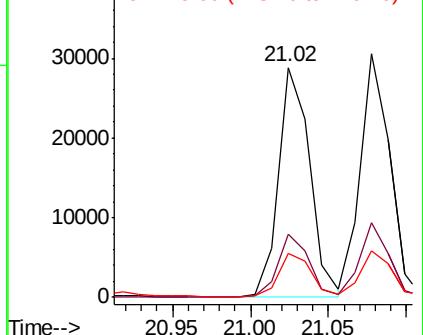


Abundance

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: 0.206 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007079.D

Acq: 11 Aug 2019 10:25

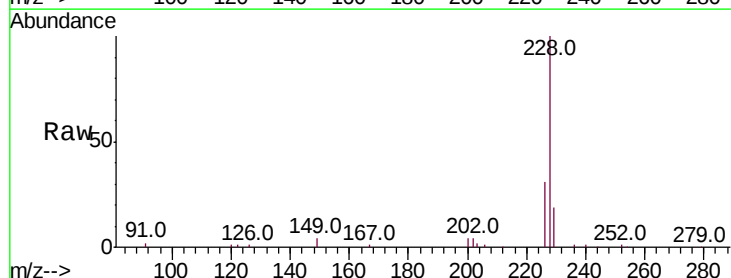
Tgt Ion:228 Resp: 39631

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.8	35.6
229	19.3	15.7	23.5

228 100

226 30.5 23.8 35.6

229 19.3 15.7 23.5

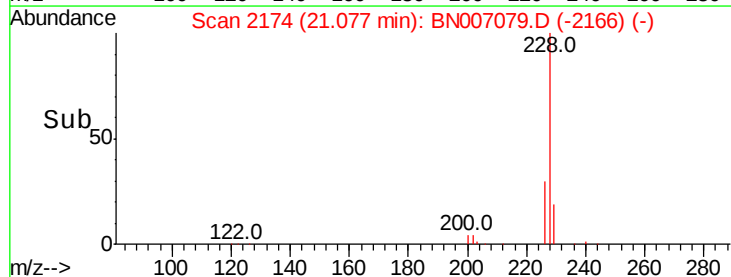
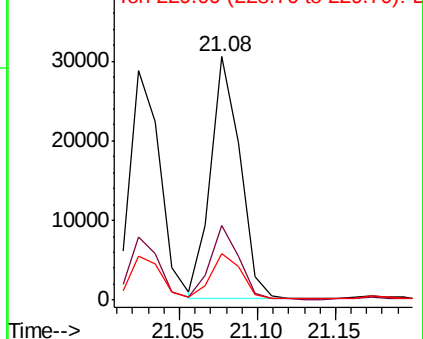


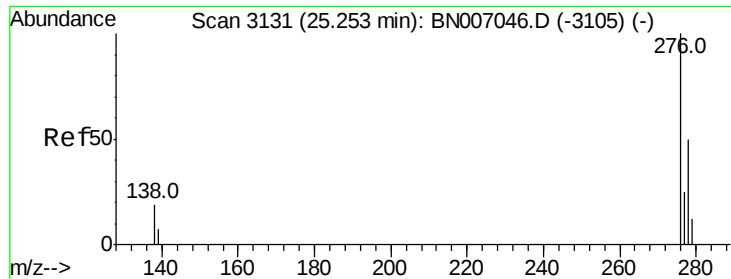
Abundance

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

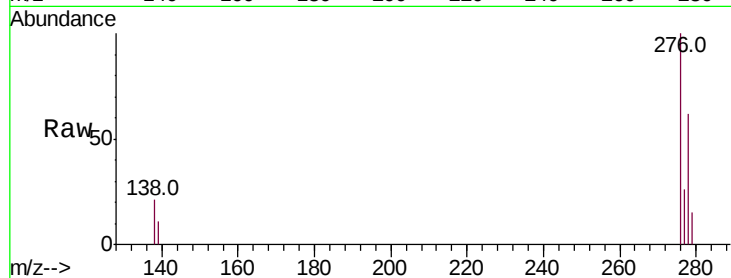




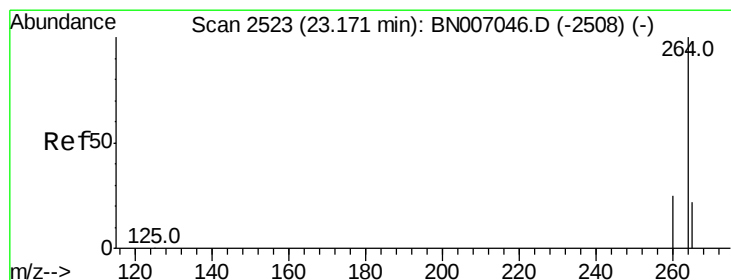
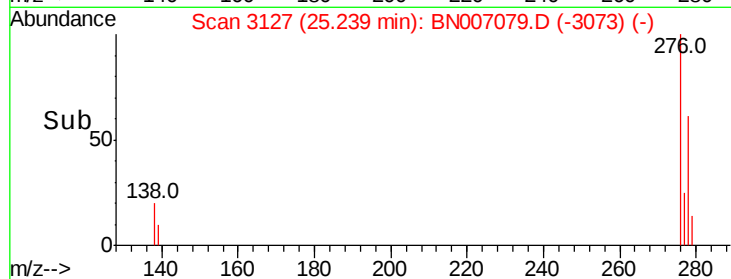
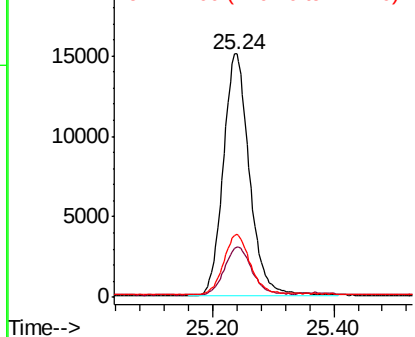
#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.214 ng
 RT: 25.24 min Scan# 3127
 Delta R.T. -0.01 min
 Lab File: BN007079.D
 Acq: 11 Aug 2019 10:25

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 45431
 Ion Ratio Lower Upper
 276 100
 138 20.8 16.0 24.0
 277 24.9 19.9 29.9

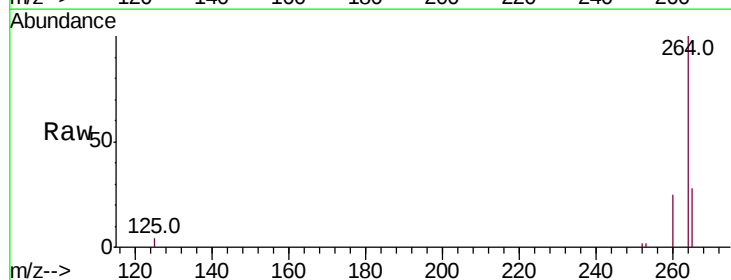


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

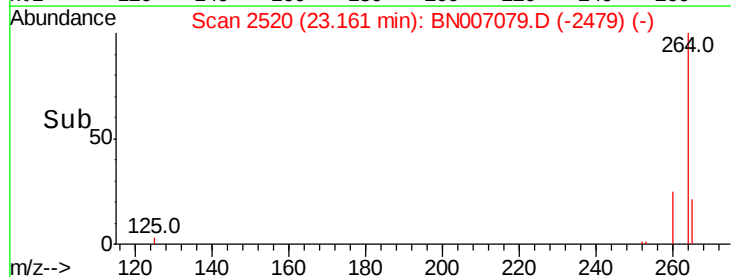
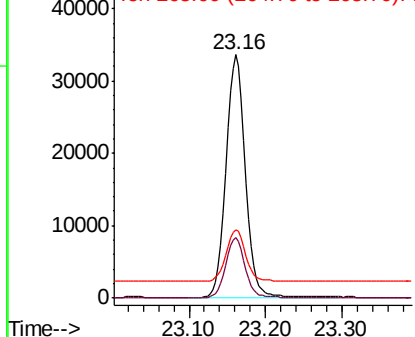


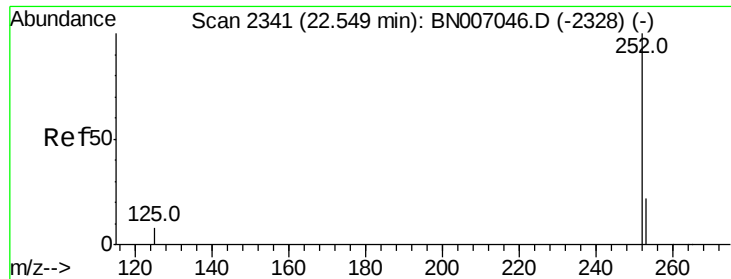
#32
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.16 min Scan# 2520
 Delta R.T. -0.01 min
 Lab File: BN007079.D
 Acq: 11 Aug 2019 10:25

Tgt Ion:264 Resp: 59784
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.8 29.8
 265 28.2 26.2 39.4



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

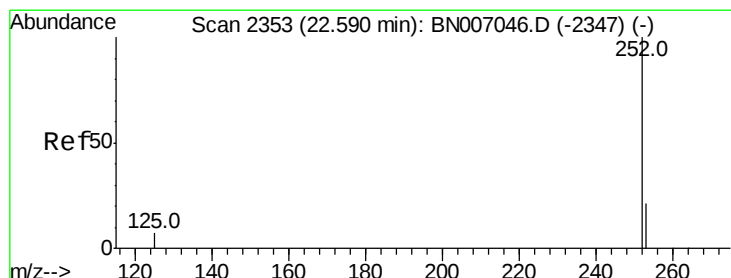
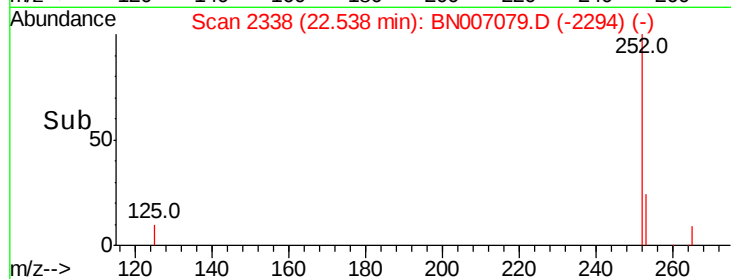
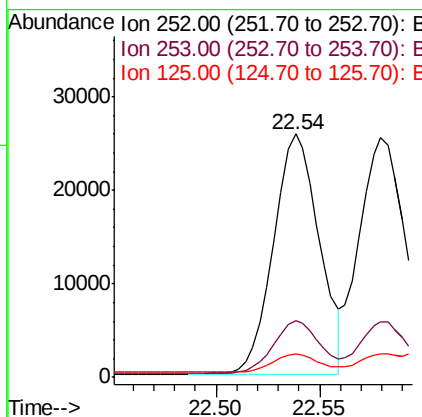
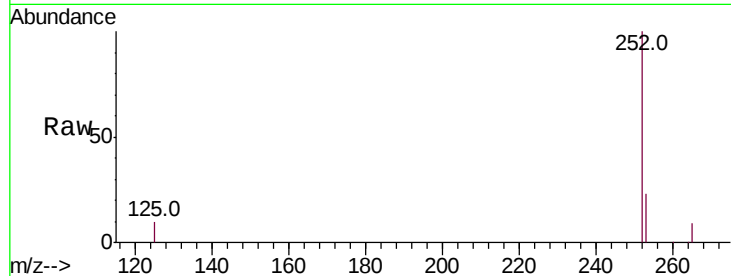




#33
Benzo(b)fluoranthene
Concen: 0.191 ng
RT: 22.54 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BN007079.D
Acq: 11 Aug 2019 10:25

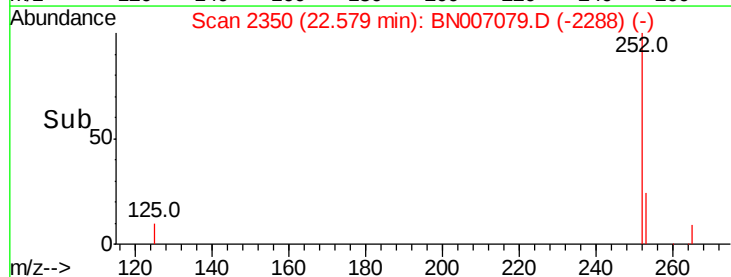
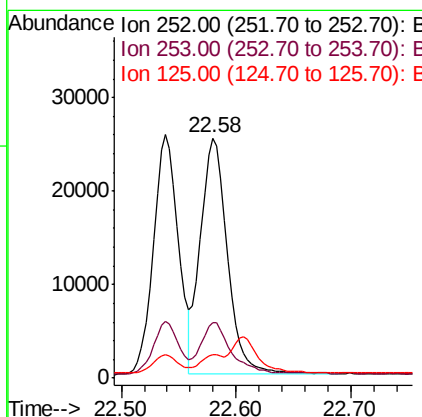
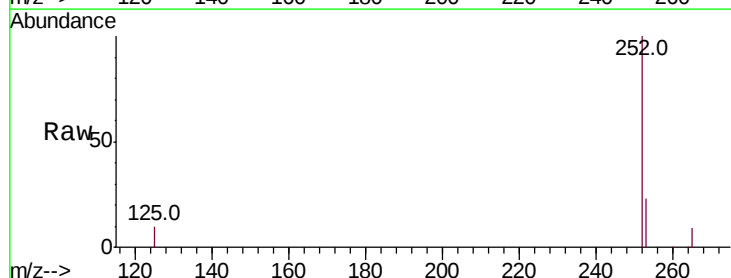
Instrument :
BNA_N
ClientSampleId :

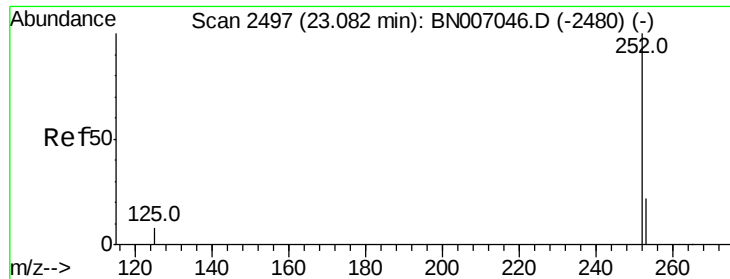
Tot Ion:252 Resp: 39222
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 9.6 7.4 11.0



#34
Benzo(k)fluoranthene
Concen: 0.203 ng
RT: 22.58 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BN007079.D
Acq: 11 Aug 2019 10:25

Tgt Ion:252 Resp: 41127
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 10.0 7.4 11.0





#35

Benzo(a)pyrene

Concen: 0.198 ng

RT: 23.07 min Scan# 2493

Delta R.T. -0.01 min

Lab File: BN007079.D

Acq: 11 Aug 2019 10:25

Instrument :

BNA_N

ClientSampled :

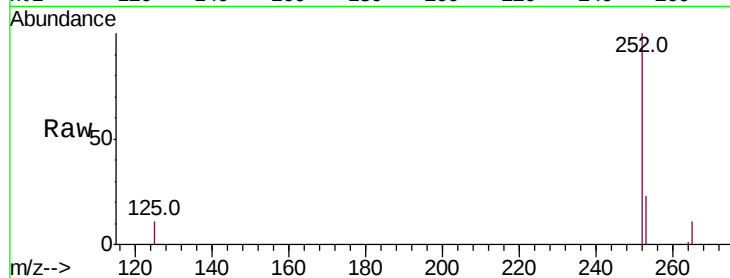
Tot Ion:252 Resp: 36840

Ion Ratio Lower Upper

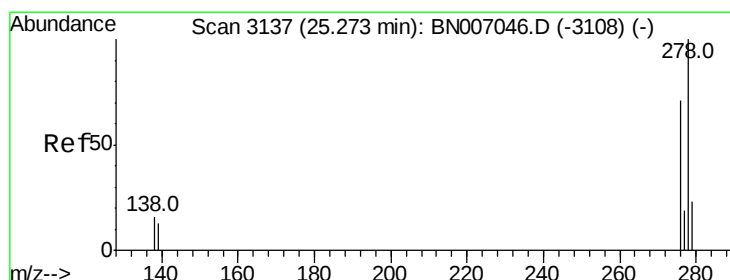
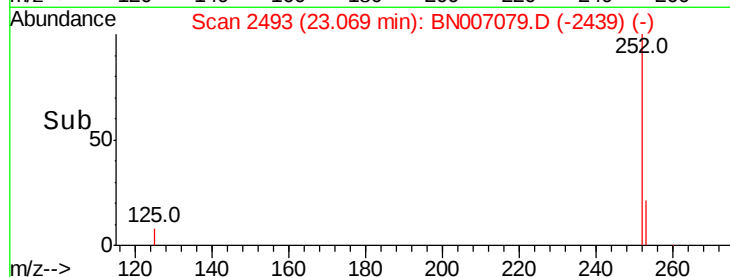
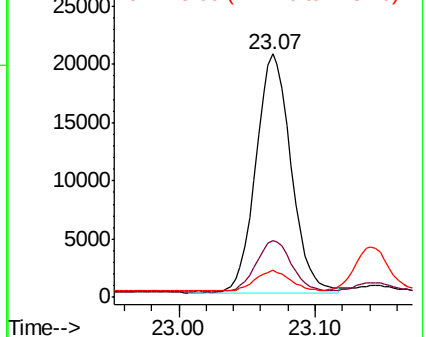
252 100

253 23.3 18.5 27.7

125 11.1 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: 0.204 ng

RT: 25.26 min Scan# 3132

Delta R.T. -0.02 min

Lab File: BN007079.D

Acq: 11 Aug 2019 10:25

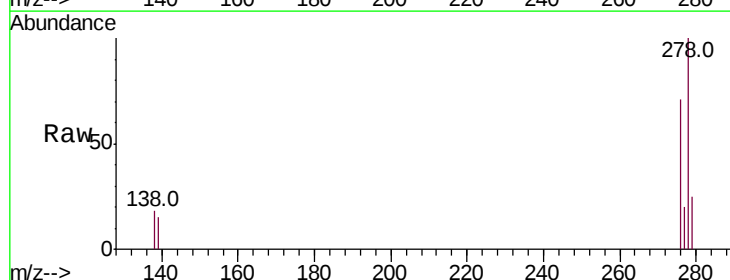
Tgt Ion:278 Resp: 37802

Ion Ratio Lower Upper

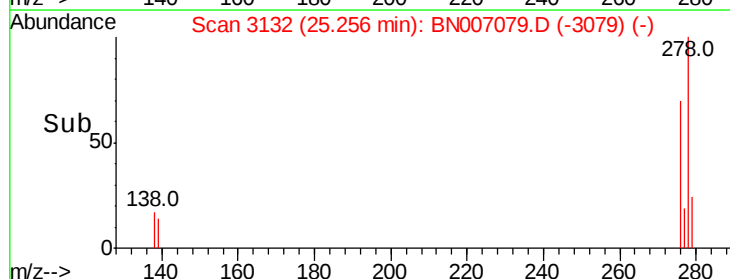
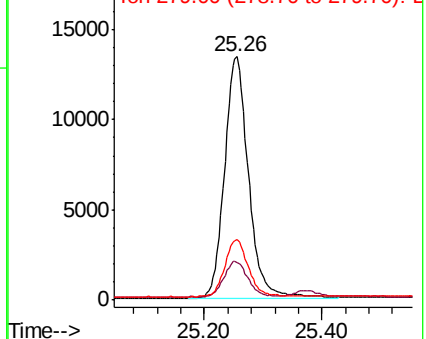
278 100

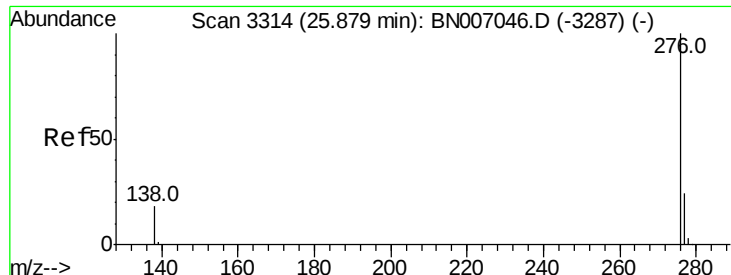
139 15.2 11.3 16.9

279 24.8 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: 0.202 ng

RT: 25.86 min Scan# 3309

Delta R.T. -0.02 min

Lab File: BN007079.D

Acq: 11 Aug 2019 10:25

Instrument :

BNA_N

ClientSampleId :

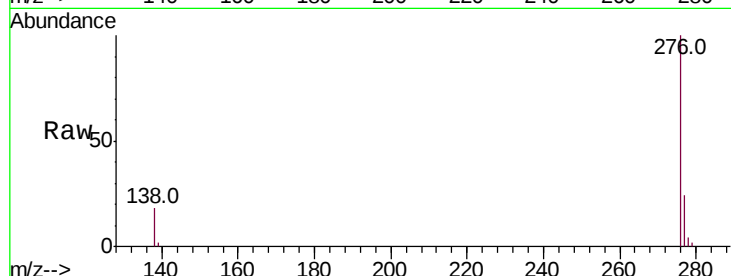
Tot Ion:276 Resp: 38436

Ion Ratio Lower Upper

276 100

277 24.3 19.8 29.8

138 18.3 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

