

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
 Data File : BN007052.D
 Acq On : 10 Aug 2019 16:22
 Operator : HP/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBE081019

Quant Time: Aug 10 21:55:43 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	6431	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	23218	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	13090	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	33437	0.40	ng	0.00
26) Chrysene-d12	21.05	240	37231	0.40	ng	-0.01
32) Perylene-d12	23.16	264	35005	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	5821	0.38	ng	0.00
4) Phenol-d6	6.61	99	6910	0.36	ng	0.00
7) Nitrobenzene-d5	8.56	82	6806	0.36	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	15711	0.36	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	1958	0.28	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	7981	0.42	ng	0.00
24) Fluoranthene-d10	18.87	212	44773	0.38	ng	0.00
28) Terphenyl-d14	19.49	244	38862	0.38	ng	0.00

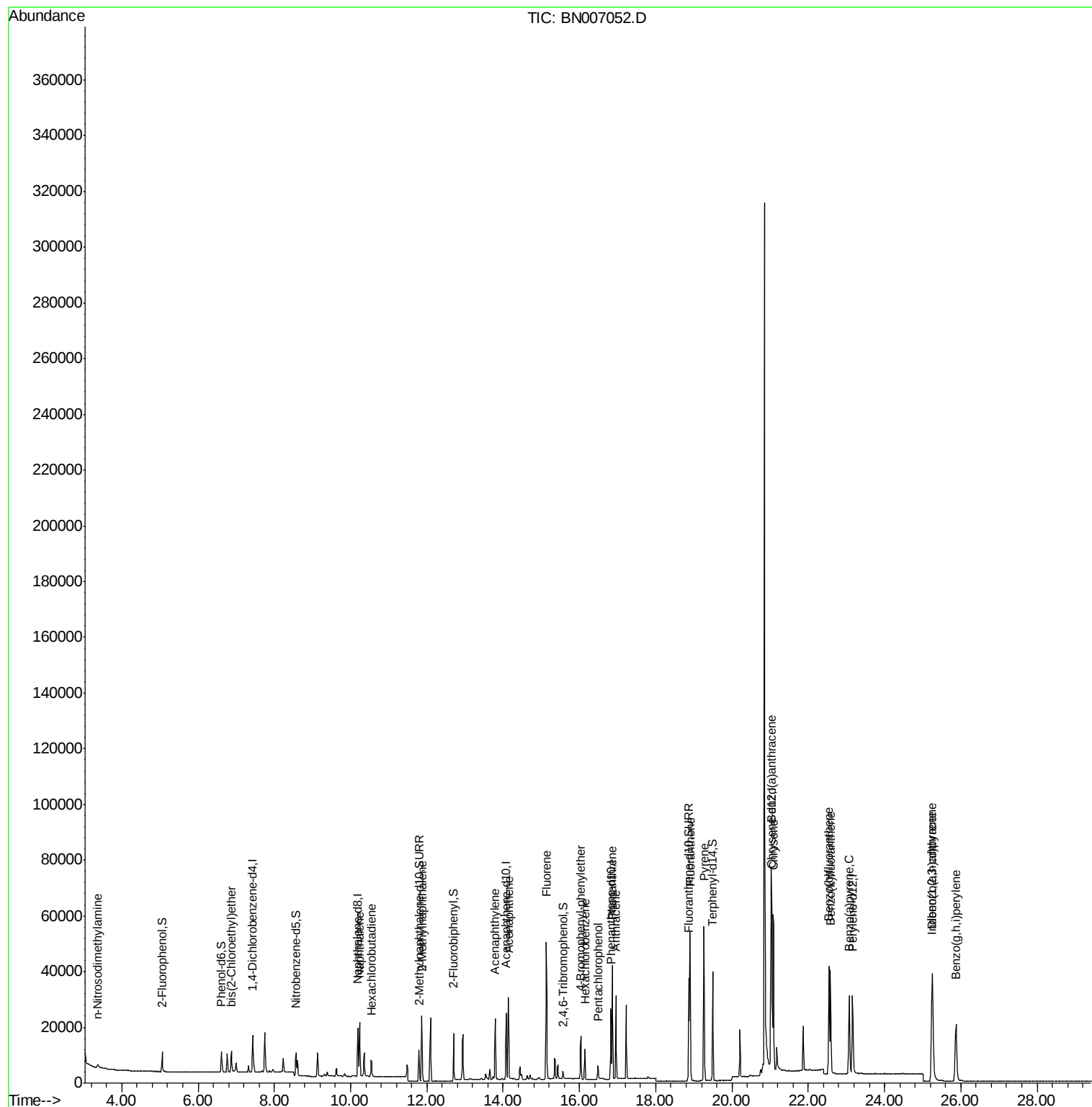
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.36	42	1276	0.302	ng	# 96
5) bis(2-Chloroethyl)ether	6.87	93	6549	0.387	ng	99
8) Naphthalene	10.24	128	24273	0.373	ng	99
9) Hexachlorobutadiene	10.54	225	5370	0.387	ng	# 98
11) 2-Methylnaphthalene	11.87	142	16784	0.364	ng	98
15) Acenaphthylene	13.79	152	25197	0.368	ng	100
16) Acenaphthene	14.14	154	16437	0.375	ng	99
17) Fluorene	15.14	166	21636	0.330	ng	100
19) 4-Bromophenyl-phenylether	16.04	248	8123	0.393	ng	96
20) Hexachlorobenzene	16.14	284	8058	0.405	ng	100
21) Pentachlorophenol	16.48	266	2339	0.316	ng	98
22) Phenanthrene	16.87	178	39291	0.392	ng	100
23) Anthracene	16.96	178	33827	0.369	ng	100
25) Fluoranthene	18.90	202	48970	0.382	ng	100
27) Pyrene	19.26	202	49414	0.378	ng	100
29) Benzo(a)anthracene	21.03	228	51924	0.381	ng	99
30) Chrysene	21.08	228	52414	0.396	ng	98
31) Indeno(1,2,3-cd)pyrene	25.24	276	51559	0.354	ng	100
33) Benzo(b)fluoranthene	22.54	252	47639	0.397	ng	100
34) Benzo(k)fluoranthene	22.58	252	48421	0.408	ng	100
35) Benzo(a)pyrene	23.07	252	41323	0.380	ng	99
36) Dibenzo(a,h)anthracene	25.26	278	41776	0.385	ng	100
37) Benzo(g,h,i)perylene	25.87	276	43639	0.391	ng	99

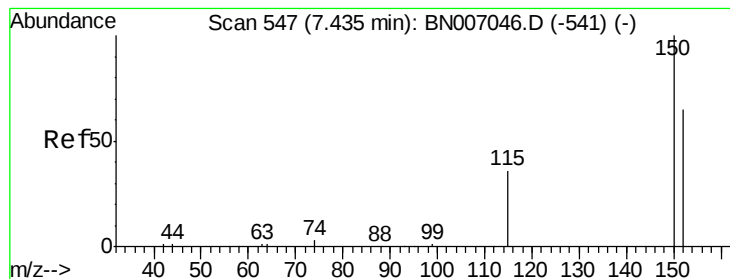
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN007052.D

Acq: 10 Aug 2019 16:22

Instrument :

BNA_N

ClientSampleId :

ICVBE081019

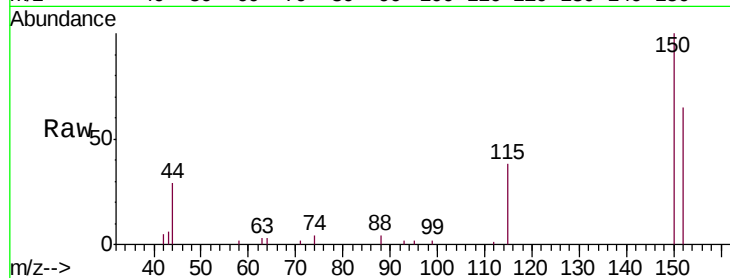
Tgt Ion:152 Resp: 6431

Ion Ratio Lower Upper

152 100

150 153.5 121.7 182.5

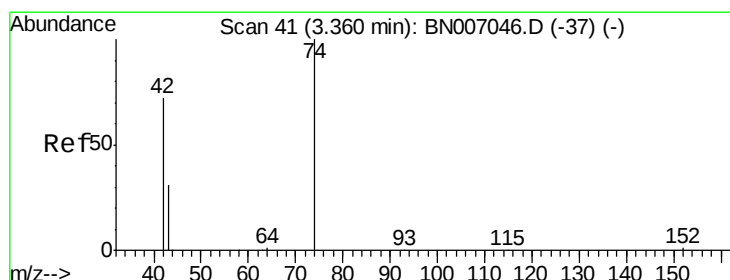
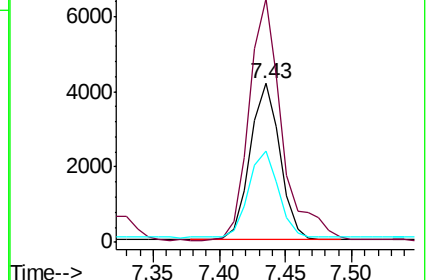
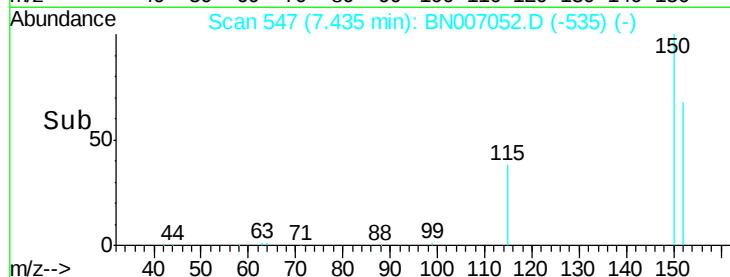
115 57.7 46.2 69.4



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: 0.302 ng

RT: 3.36 min Scan# 41

Delta R.T. 0.00 min

Lab File: BN007052.D

Acq: 10 Aug 2019 16:22

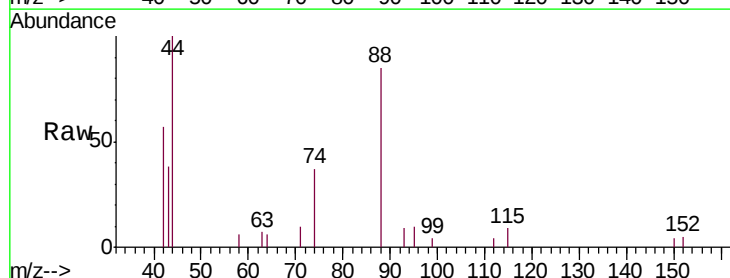
Tgt Ion: 42 Resp: 1276

Ion Ratio Lower Upper

42 100

74 143.5 110.6 166.0

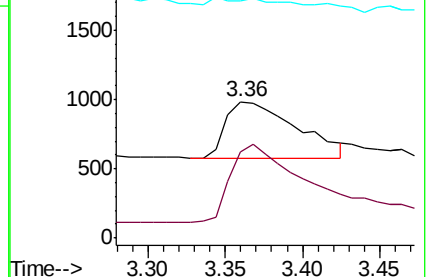
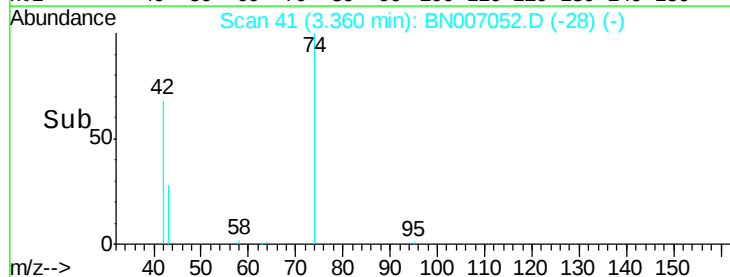
44 0.0 0.0 0.0

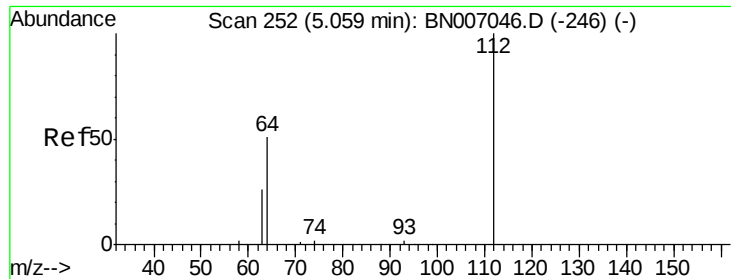


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#3

2-Fluorophenol

Concen: 0.377 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007052.D

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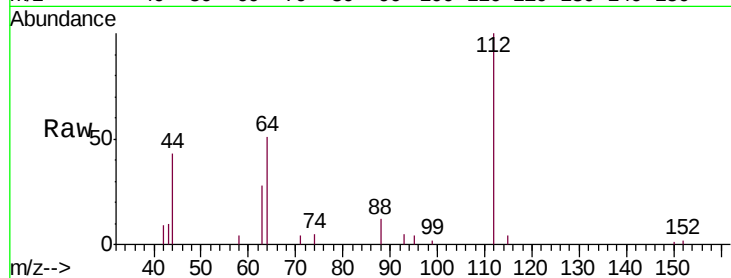
Tgt Ion: 112 Resp: 5821

Ion Ratio Lower Upper

112 100

64 53.2 42.6 63.8

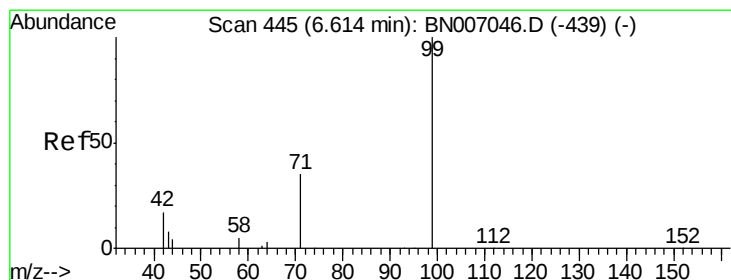
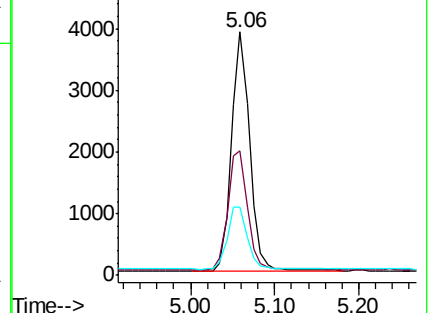
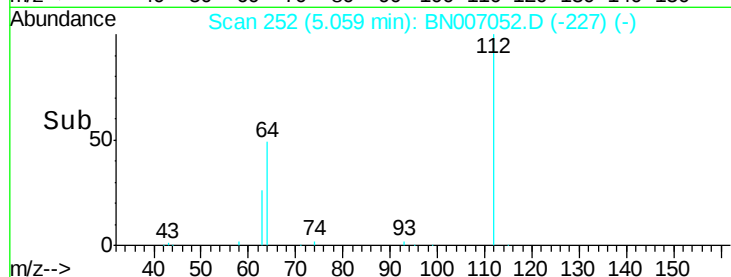
63 28.2 22.2 33.2



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: 0.361 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007052.D

Acq: 10 Aug 2019 16:22

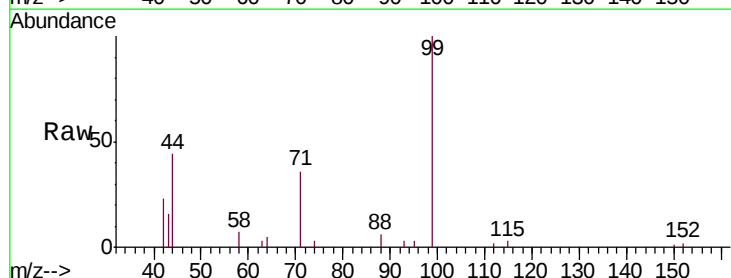
Tgt Ion: 99 Resp: 6910

Ion Ratio Lower Upper

99 100

42 18.7 15.8 23.6

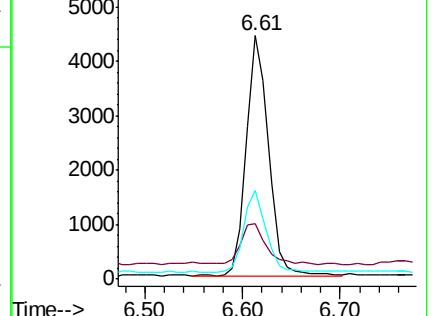
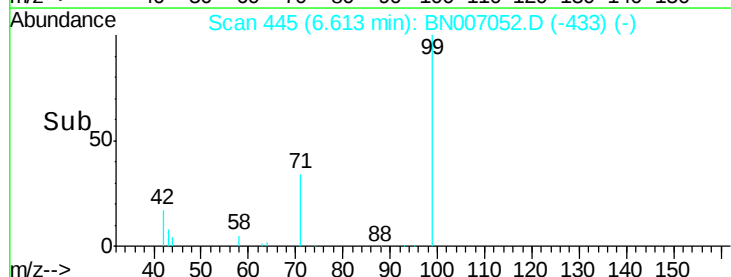
71 34.5 27.0 40.4

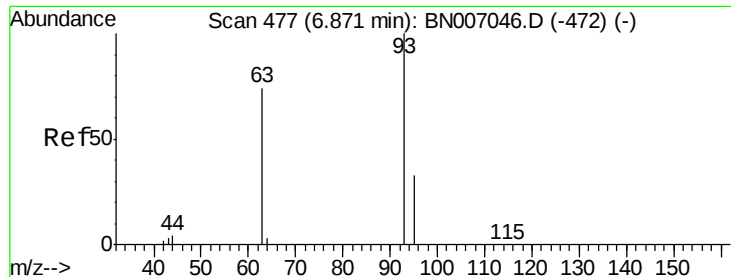


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#5

bis(2-Chloroethyl)ether

Concen: 0.387 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.00 min

Lab File: BN007052.D

Acq: 10 Aug 2019 16:22

Instrument :

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ICVBE081019

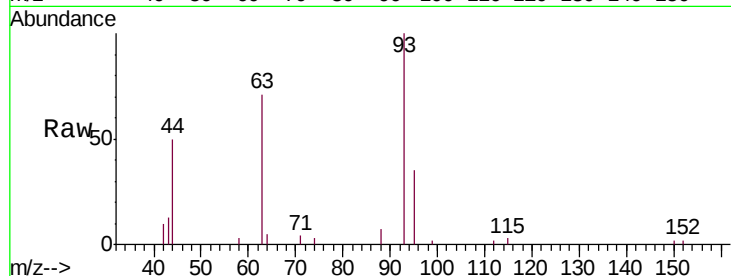
Tgt Ion: 93 Resp: 6549

Ion Ratio Lower Upper

93 100

63 69.2 55.6 83.4

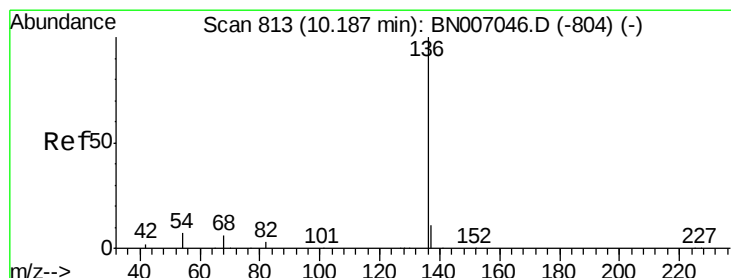
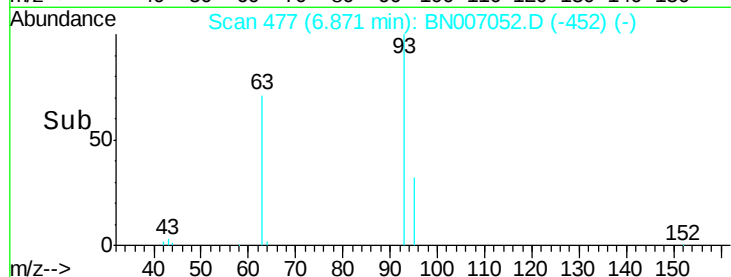
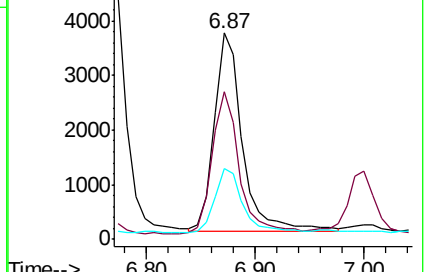
95 32.0 26.7 40.1



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) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007052.D

Acq: 10 Aug 2019 16:22

Tgt Ion: 136 Resp: 23218

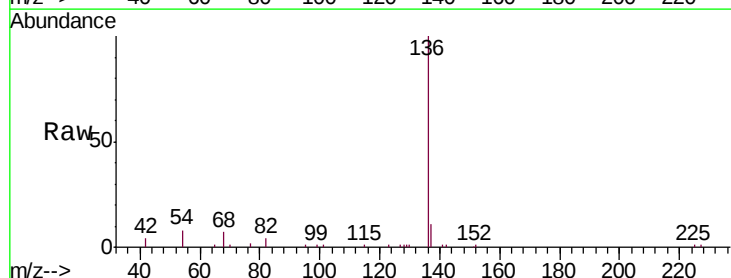
Ion Ratio Lower Upper

136 100

137 11.5 9.4 14.0

54 7.6 6.6 9.8

68 6.8 6.0 9.0

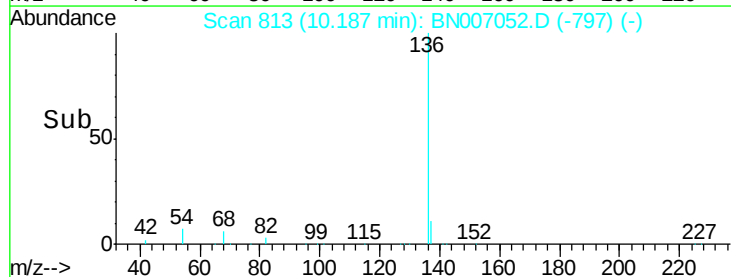
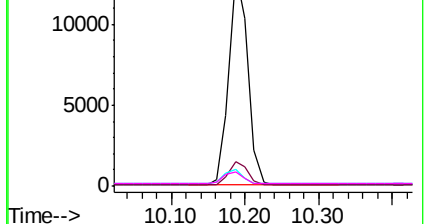


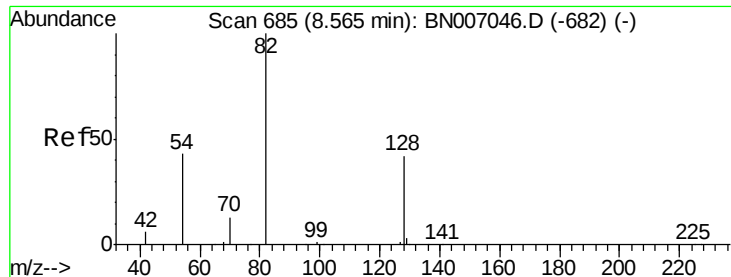
Abundance Ion 136.00 (135.70 to 136.70): BN007046.D (-804) (-)

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) (-)





#7

Nitrobenzene-d5

Concen: 0.364 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007052.D

Acq: 10 Aug 2019 16:22

Instrument :

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ClientSampleId :

ICVBE081019

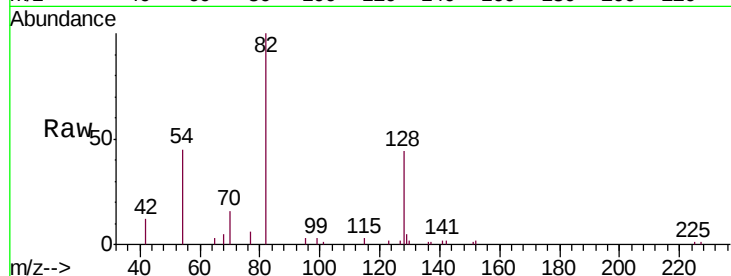
Tgt Ion: 82 Resp: 6806

Ion Ratio Lower Upper

82 100

128 43.7 34.6 51.8

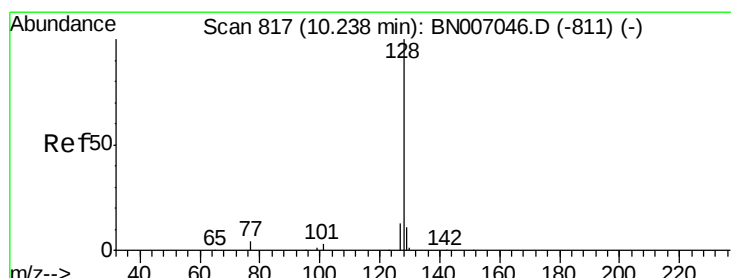
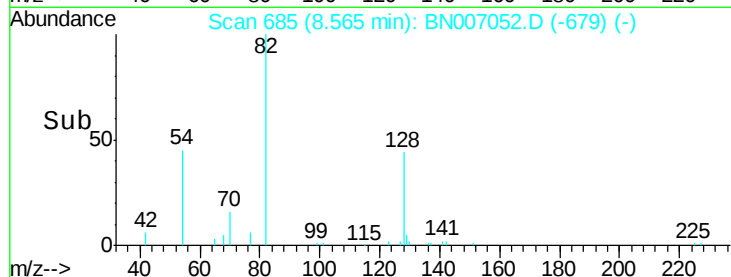
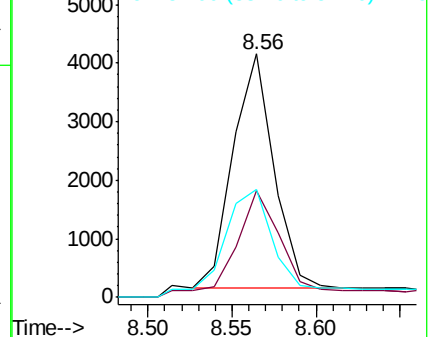
54 44.5 36.2 54.4



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

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

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



#8

Naphthalene

Concen: 0.373 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007052.D

Acq: 10 Aug 2019 16:22

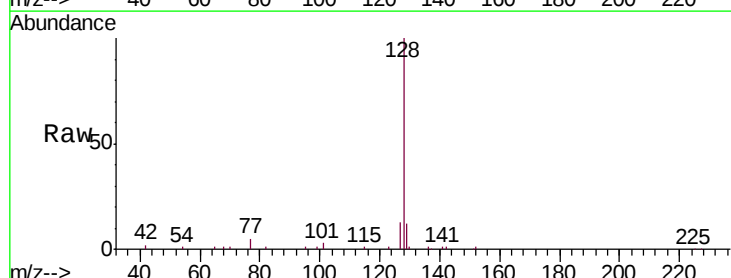
Tgt Ion: 128 Resp: 24273

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

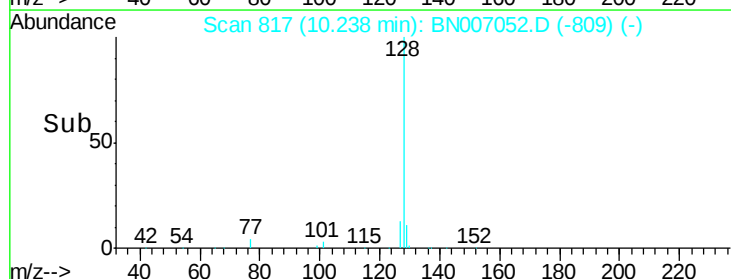
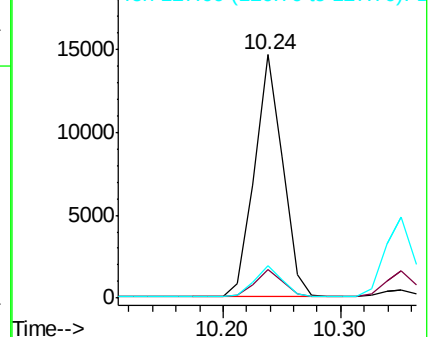
127 13.5 11.0 16.6

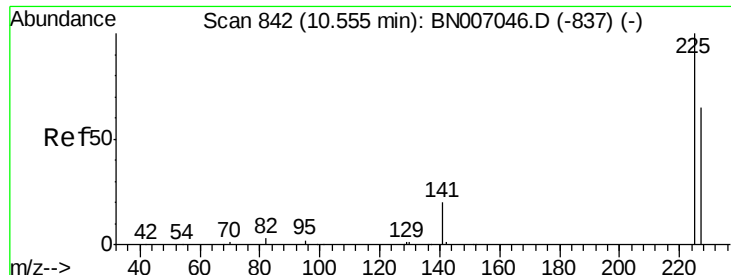


Abundance Ion 128.00 (127.70 to 128.70): BN007046.D (-811) (-)

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

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





#9

Hexachlorobutadiene

Concen: 0.387 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007052.D

Acq: 10 Aug 2019 16:22

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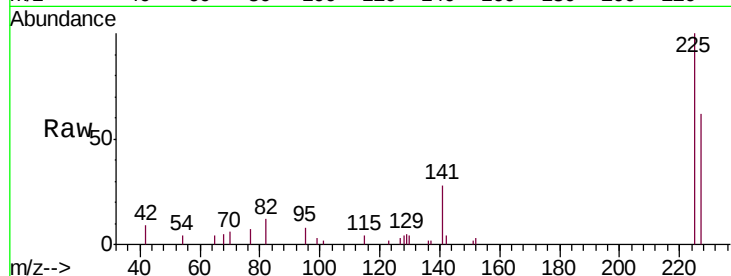
Tgt Ion: 225 Resp: 5370

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

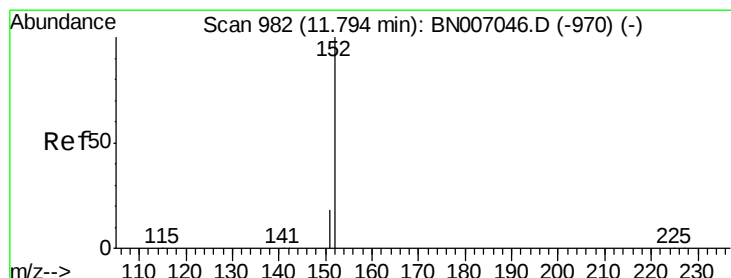
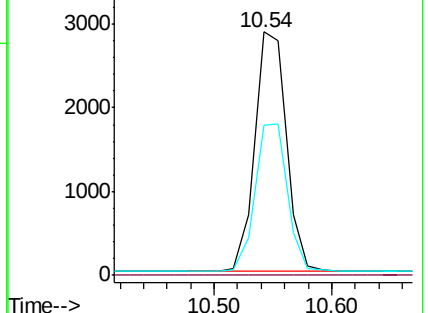
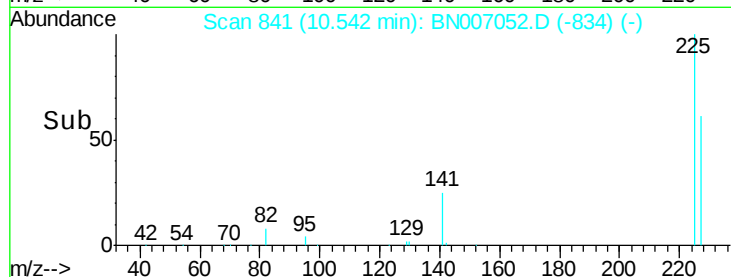
227 62.7 51.1 76.7



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: 0.363 ng

RT: 11.79 min Scan# 982

Delta R.T. -0.00 min

Lab File: BN007052.D

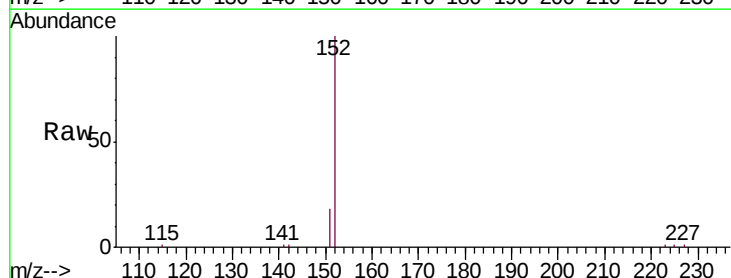
Acq: 10 Aug 2019 16:22

Tgt Ion: 152 Resp: 15711

Ion Ratio Lower Upper

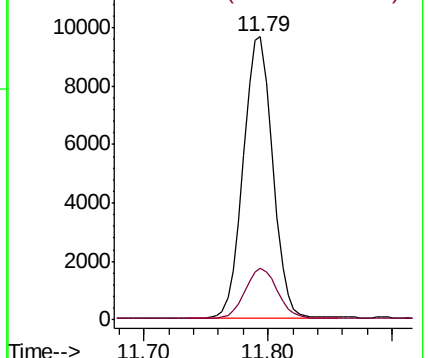
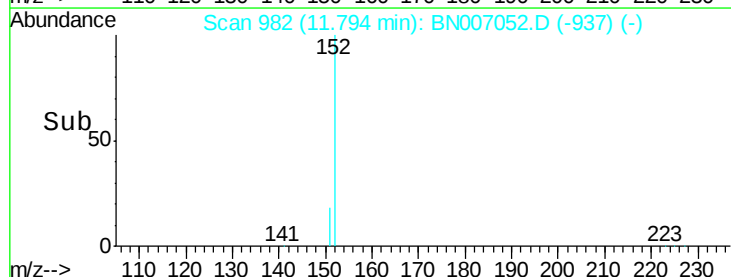
152 100

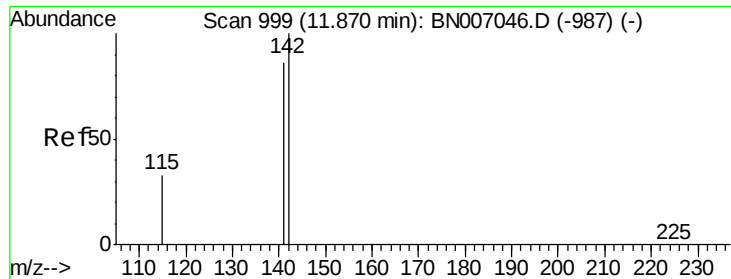
151 19.2 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

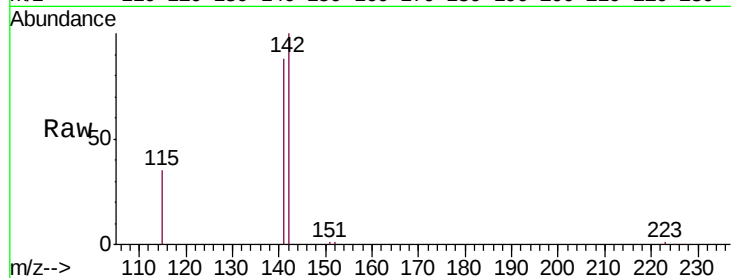




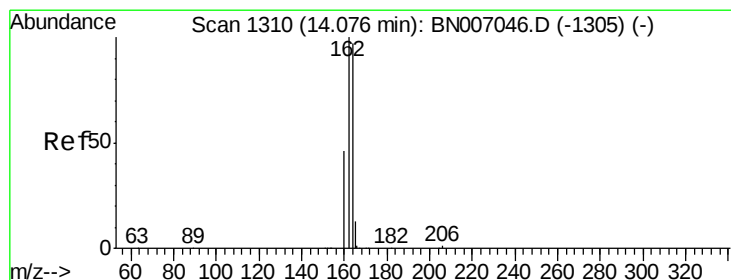
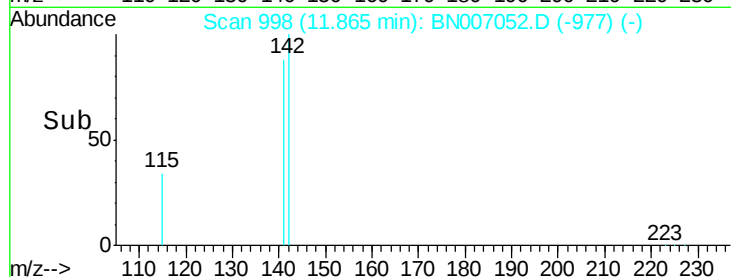
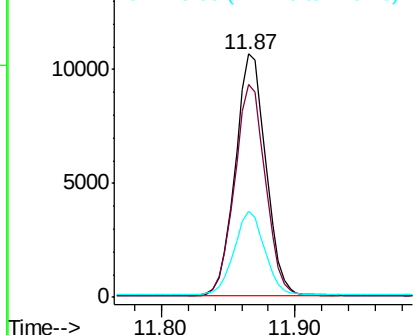
#11
2-Methylnaphthalene
Concen: 0.364 ng
RT: 11.87 min Scan# 998
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Instrument :
BNA_N
ClientSampleId :
ICVBE081019

Tgt Ion:142 Resp: 16784
Ion Ratio Lower Upper
142 100
141 87.7 69.0 103.6
115 35.2 27.1 40.7

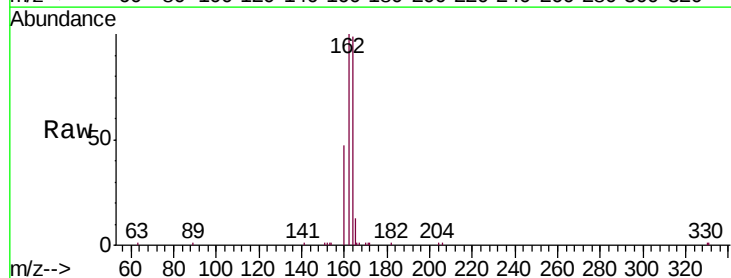


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

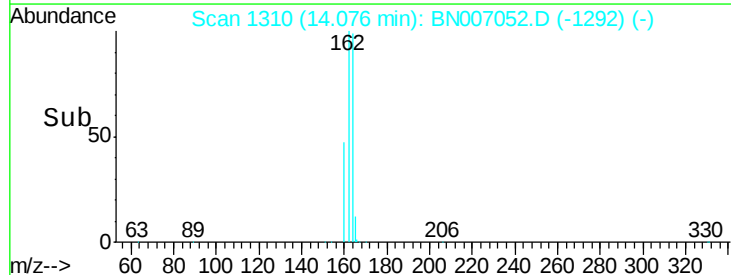
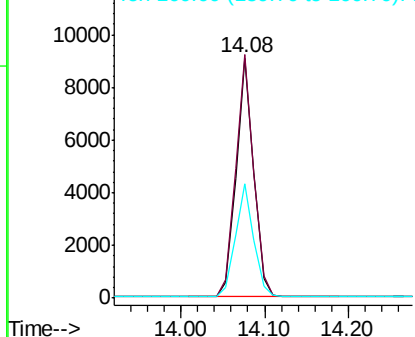


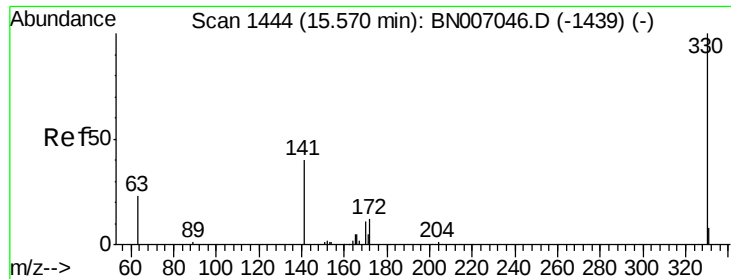
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007052.D
Acq: 10 Aug 2019 16:22

Tgt Ion:164 Resp: 13090
Ion Ratio Lower Upper
164 100
162 101.5 82.2 123.4
160 47.5 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

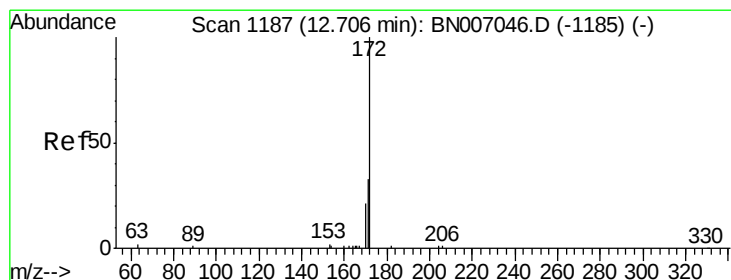
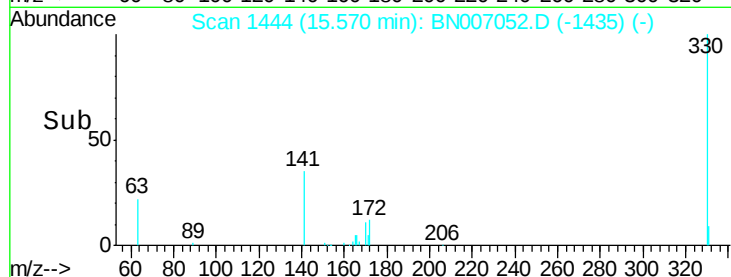
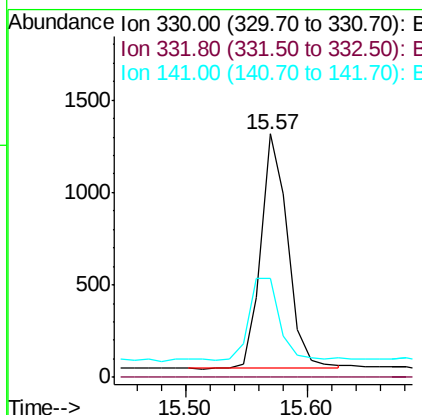
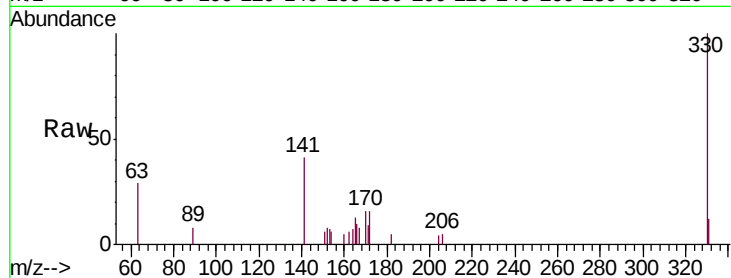




#13
 2,4,6-Tribromophenol
 Concen: 0.278 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007052.D
 Acq: 10 Aug 2019 16:22

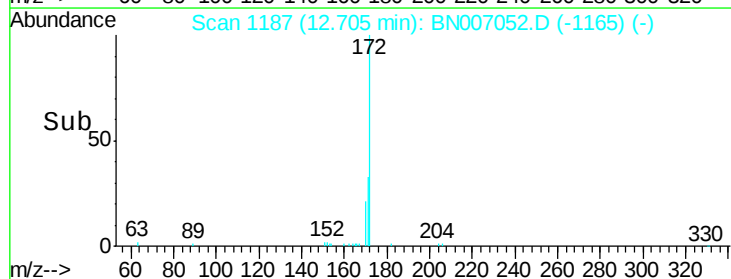
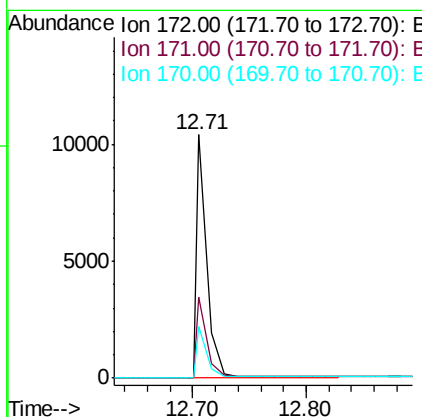
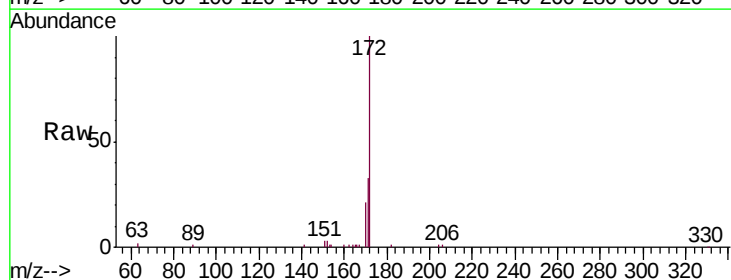
Instrument :
 BNA_N
 ClientSampleId :
 ICVBE081019

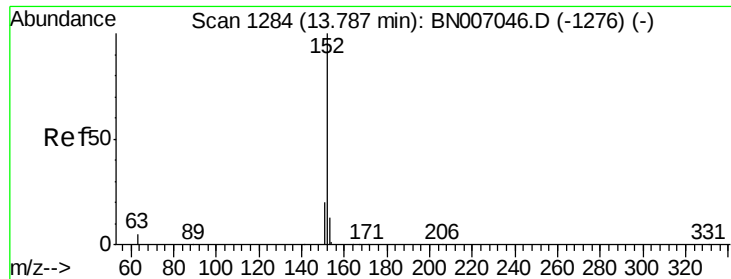
Tgt Ion:330 Resp: 1958
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 39.8 33.6 50.4



#14
 2-Fluorobiphenyl
 Concen: 0.419 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007052.D
 Acq: 10 Aug 2019 16:22

Tgt Ion:172 Resp: 7981
 Ion Ratio Lower Upper
 172 100
 171 33.4 26.3 39.5
 170 21.2 17.0 25.4





#15

Acenaphthylene

Concen: 0.368 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007052.D

Acq: 10 Aug 2019 16:22

Instrument :

BNA_N

ClientSampleId :

ICVBE081019

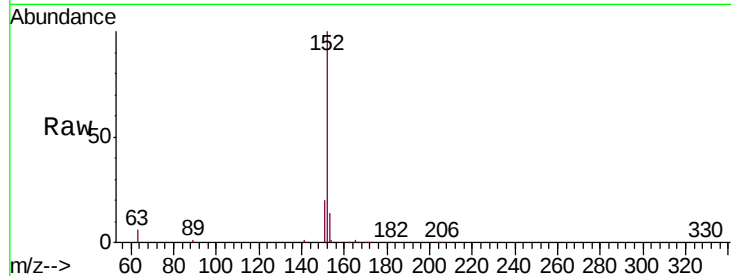
Tgt Ion:152 Resp: 25197

Ion Ratio Lower Upper

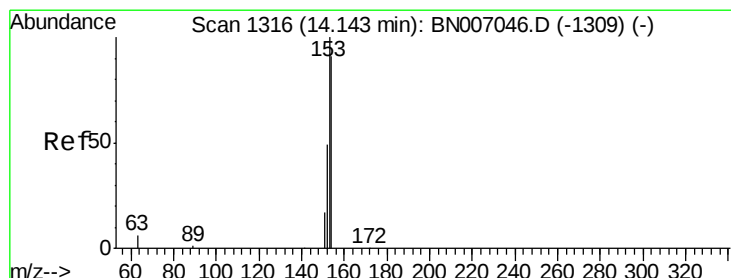
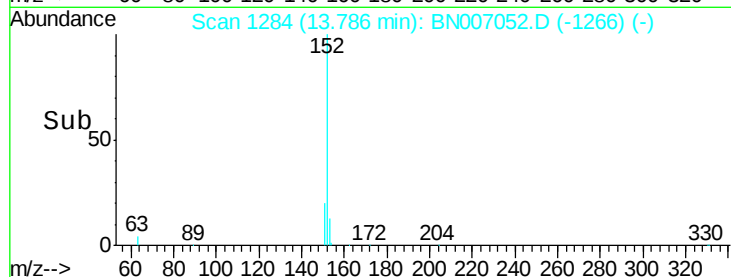
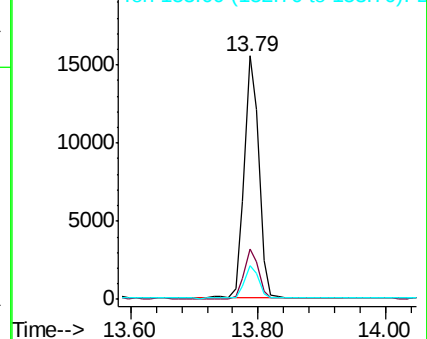
152 100

151 19.8 15.8 23.6

153 13.2 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: 0.375 ng

RT: 14.14 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BN007052.D

Acq: 10 Aug 2019 16:22

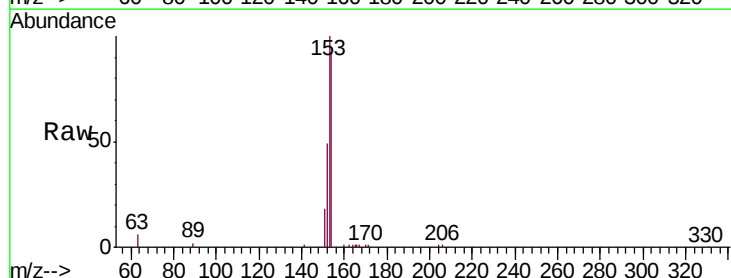
Tgt Ion:154 Resp: 16437

Ion Ratio Lower Upper

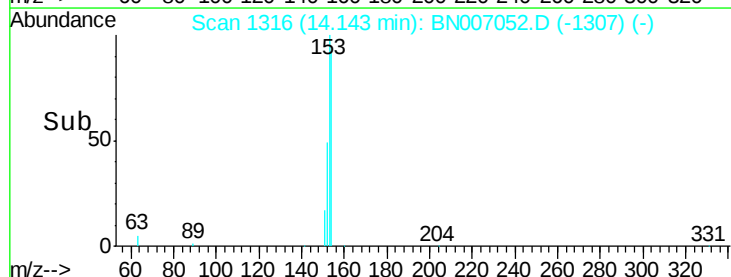
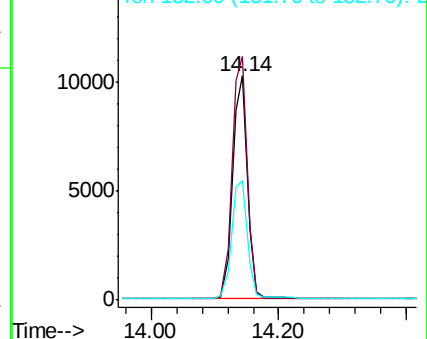
154 100

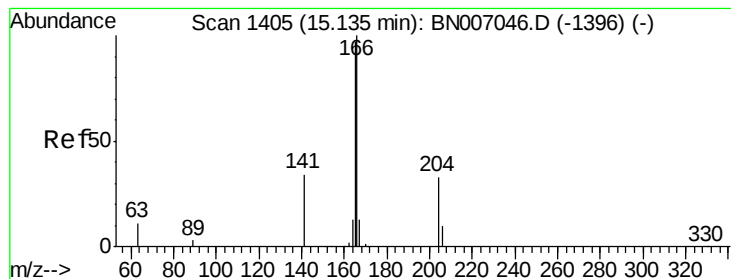
153 110.6 89.5 134.3

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: 0.330 ng

RT: 15.14 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN007052.D

Acq: 10 Aug 2019 16:22

Instrument :

BNA_N

ClientSampleId :

ICVBE081019

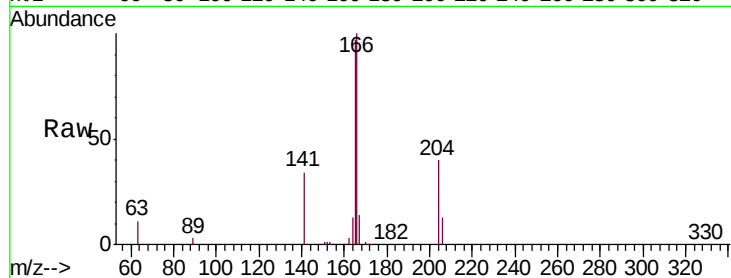
Tgt Ion:166 Resp: 21636

Ion Ratio Lower Upper

166 100

165 97.4 77.9 116.9

167 13.5 10.9 16.3

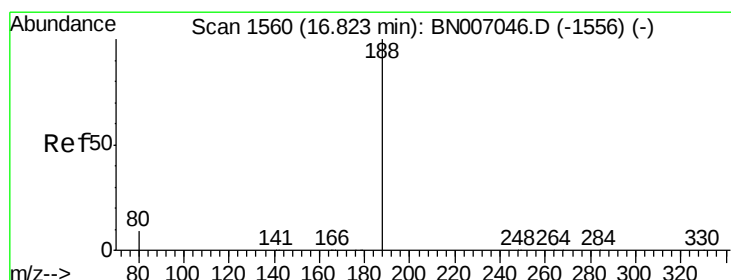
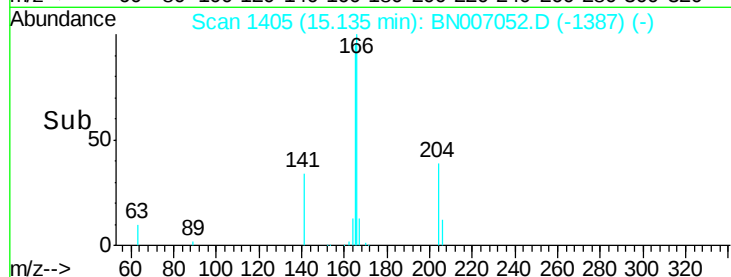
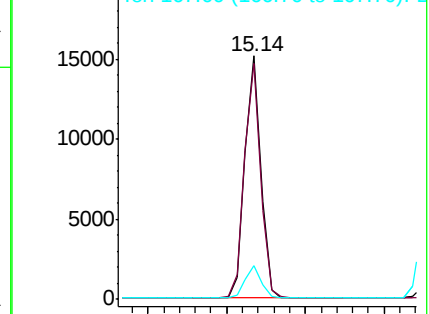


Abundance

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: BN007052.D

Acq: 10 Aug 2019 16:22

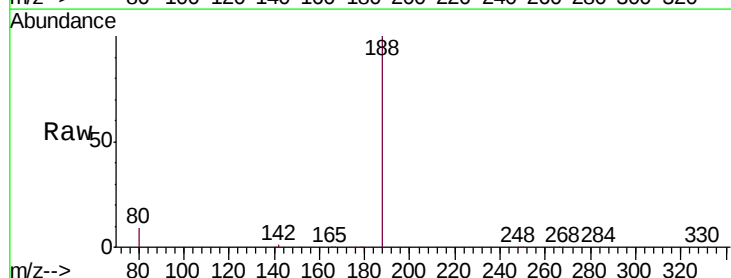
Tgt Ion:188 Resp: 33437

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.4 7.8 11.6

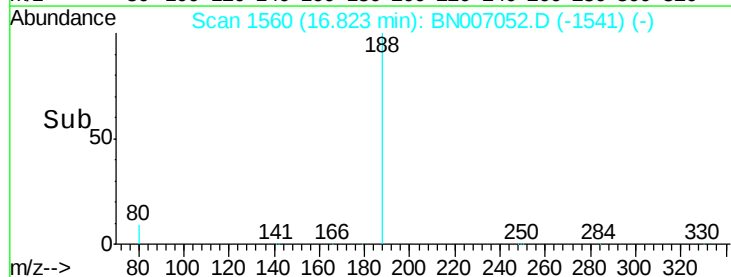
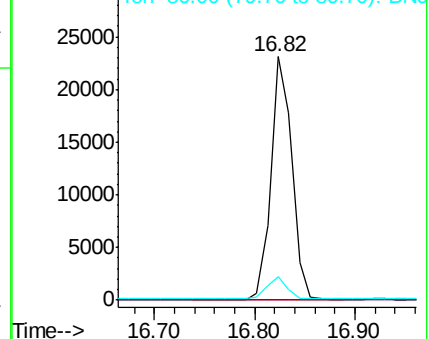


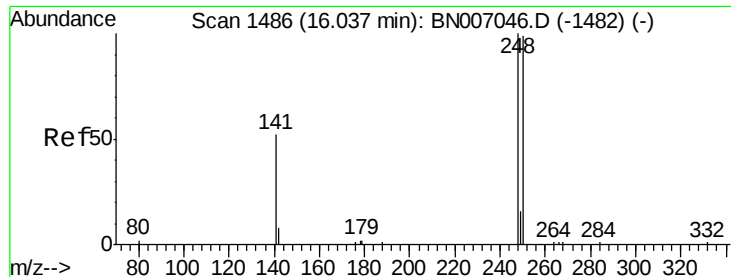
Abundance

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: 0.393 ng

RT: 16.04 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BN007052.D

Acq: 10 Aug 2019 16:22

Instrument :

BNA_N

ClientSampleId :

ICVBE081019

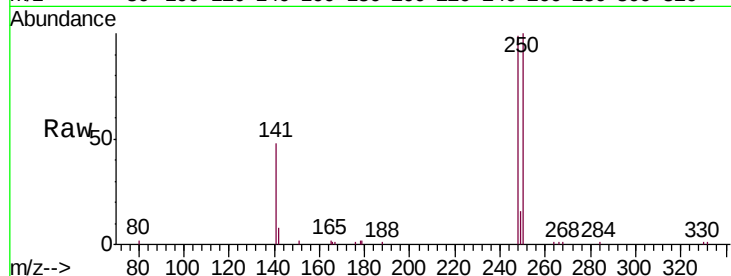
Tgt Ion:248 Resp: 8123

Ion Ratio Lower Upper

248 100

250 101.4 78.9 118.3

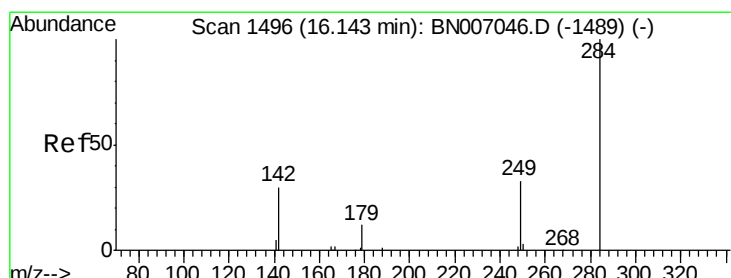
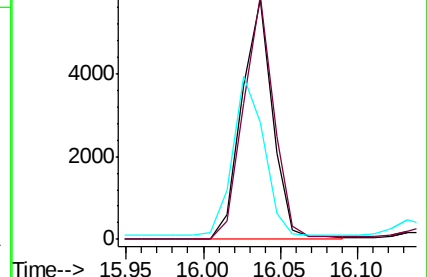
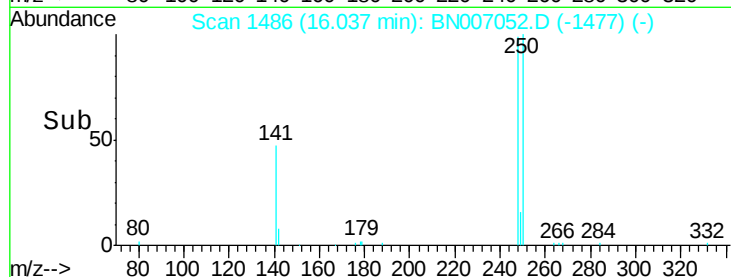
141 49.0 43.3 64.9



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: 0.405 ng

RT: 16.14 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN007052.D

Acq: 10 Aug 2019 16:22

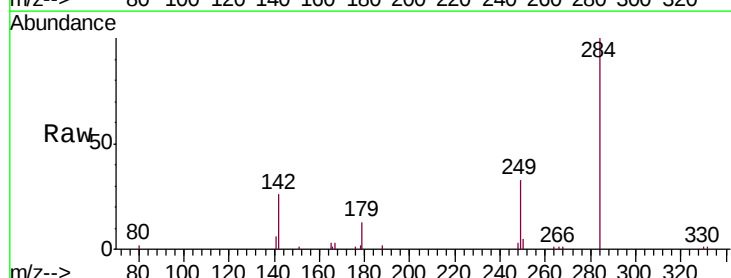
Tgt Ion:284 Resp: 8058

Ion Ratio Lower Upper

284 100

142 38.0 30.5 45.7

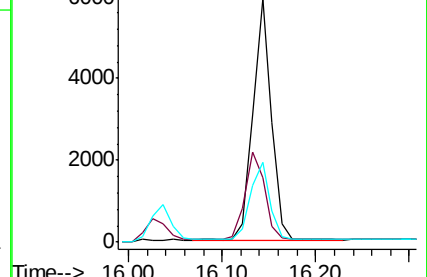
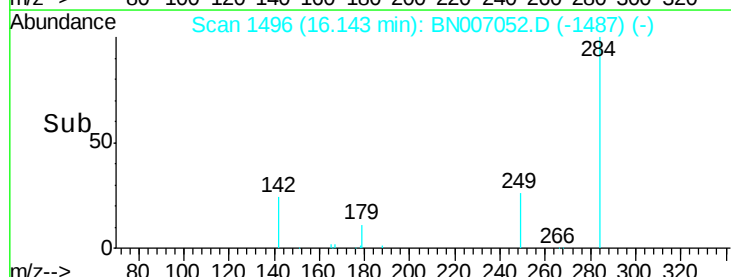
249 33.4 26.7 40.1



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

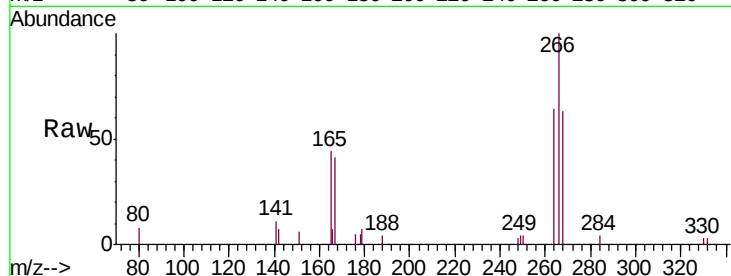




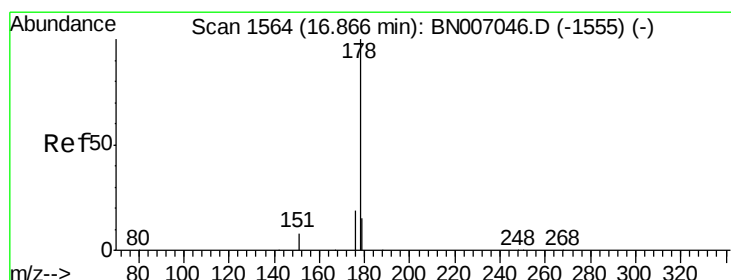
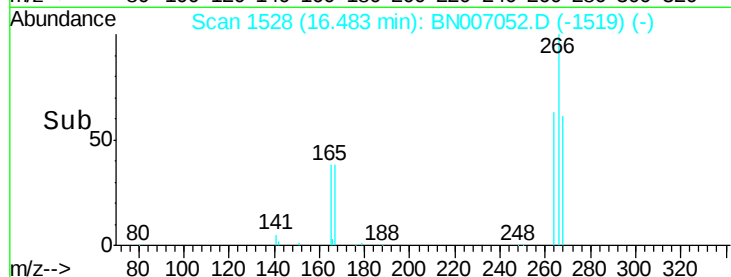
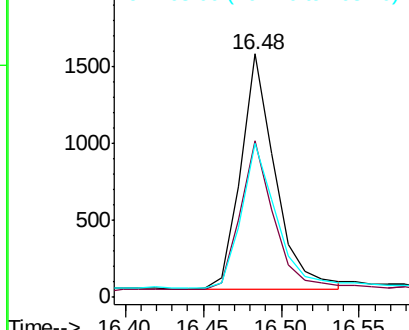
#21
 Pentachlorophenol
 Concen: 0.316 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007052.D
 Acq: 10 Aug 2019 16:22

Instrument :
 BNA_N
 ClientSampleId :
 ICVBE081019

Tgt Ion: 266 Resp: 2339
 Ion Ratio Lower Upper
 266 100
 264 64.1 52.3 78.5
 268 63.2 51.5 77.3

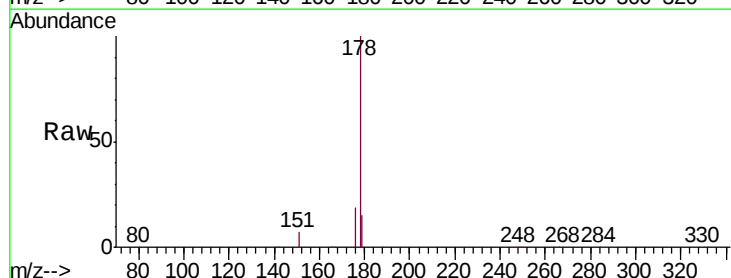


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

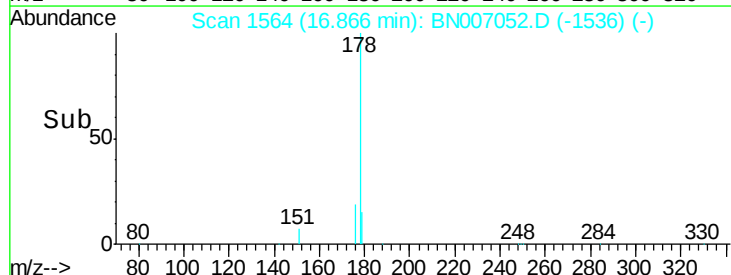
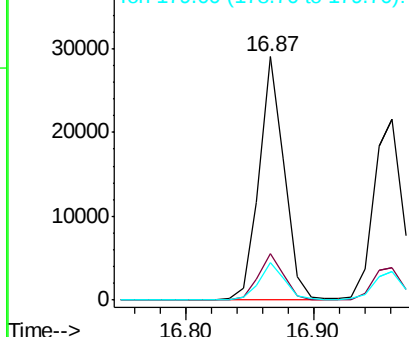


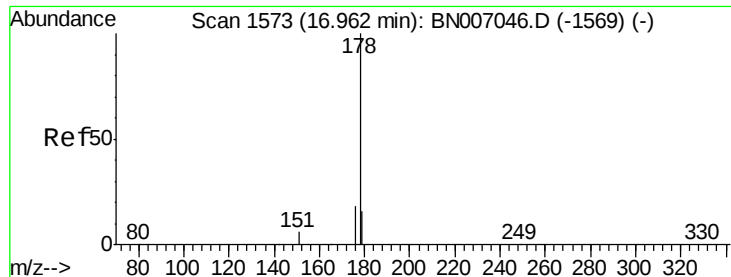
#22
 Phenanthrene
 Concen: 0.392 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007052.D
 Acq: 10 Aug 2019 16:22

Tgt Ion: 178 Resp: 39291
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 15.4 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.369 ng

RT: 16.96 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN007052.D

Acq: 10 Aug 2019 16:22

Instrument :

BNA_N

ClientSampleId :

ICVBE081019

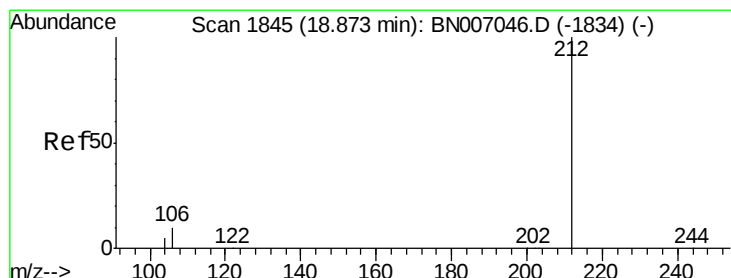
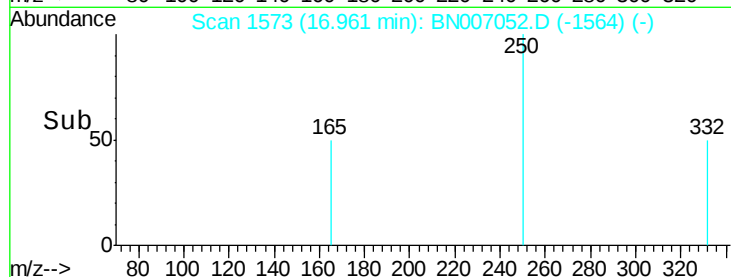
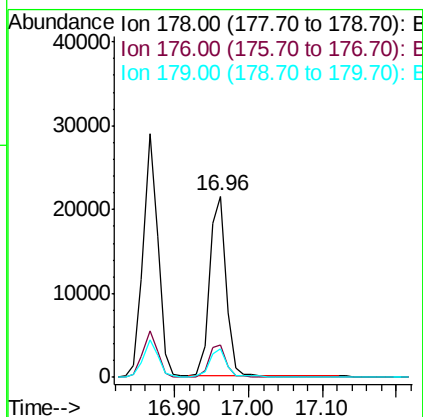
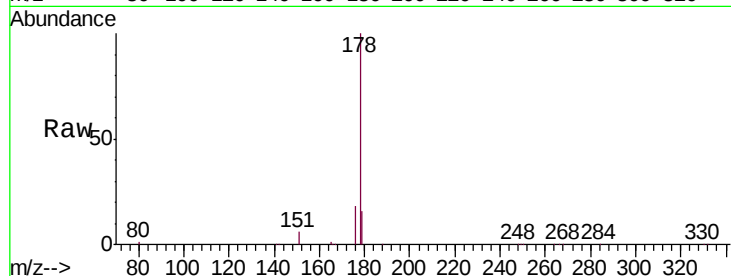
Tgt Ion:178 Resp: 33827

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

179 15.5 12.5 18.7



#24

Fluoranthene-d10

Concen: 0.378 ng

RT: 18.87 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BN007052.D

Acq: 10 Aug 2019 16:22

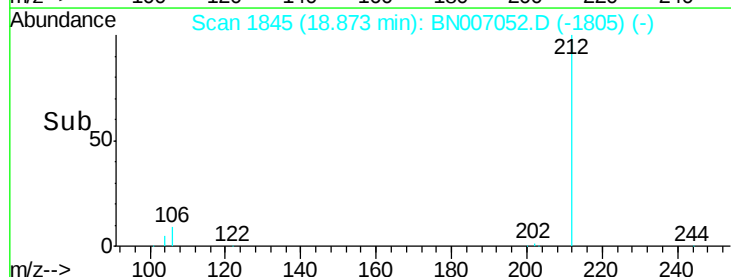
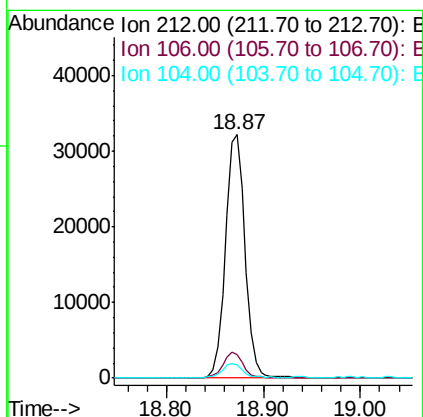
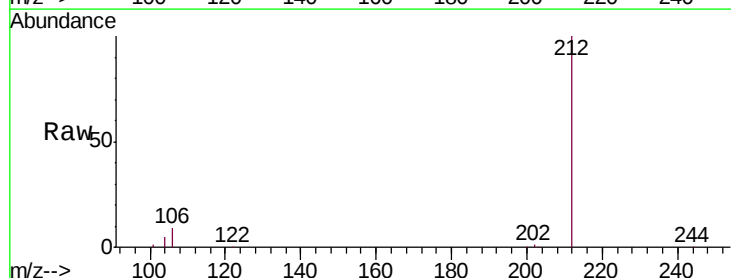
Tgt Ion:212 Resp: 44773

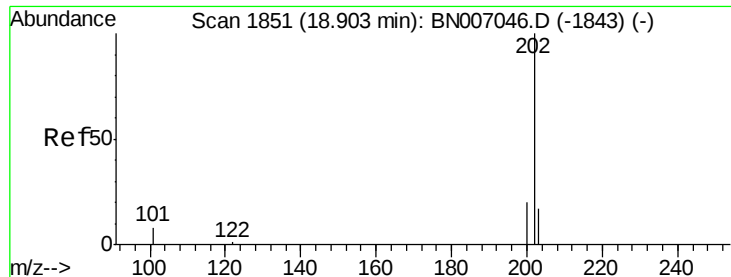
Ion Ratio Lower Upper

212 100

106 10.1 8.2 12.2

104 5.6 4.5 6.7





#25

Fluoranthene

Concen: 0.382 ng

RT: 18.90 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN007052.D

Acq: 10 Aug 2019 16:22

Instrument :

BNA_N

ClientSampleId :

ICVBE081019

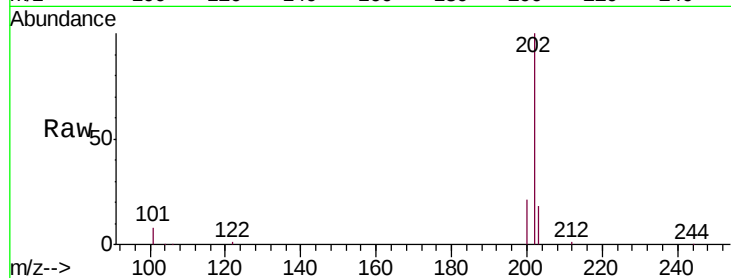
Tgt Ion:202 Resp: 48970

Ion Ratio Lower Upper

202 100

101 8.5 7.0 10.4

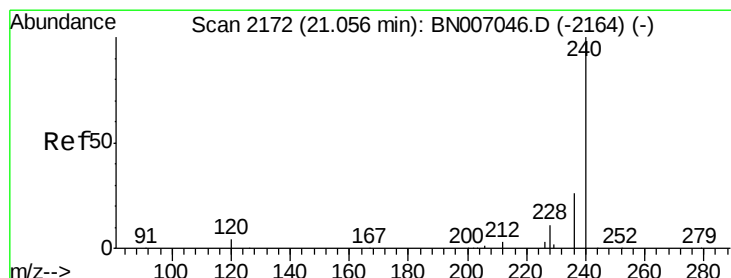
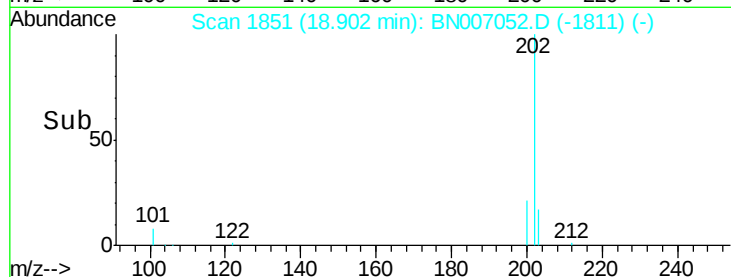
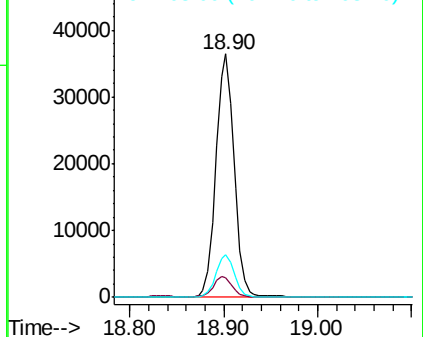
203 17.3 13.8 20.8



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: BN007052.D

Acq: 10 Aug 2019 16:22

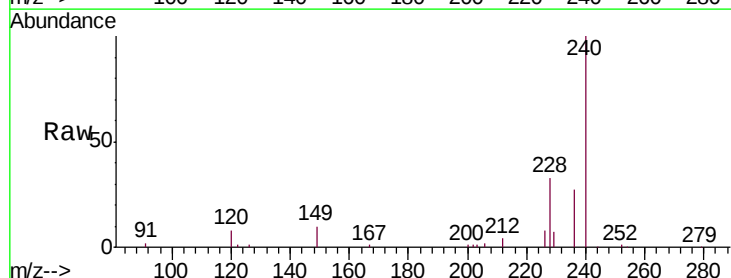
Tgt Ion:240 Resp: 37231

Ion Ratio Lower Upper

240 100

120 8.2 4.0 6.0#

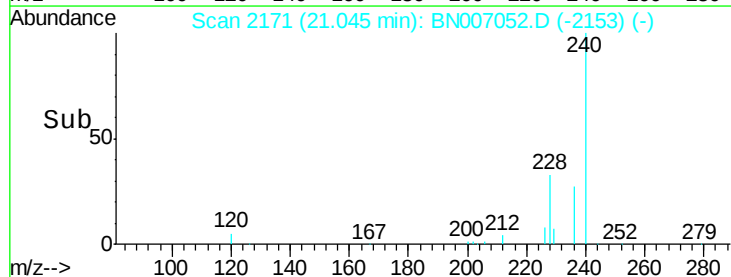
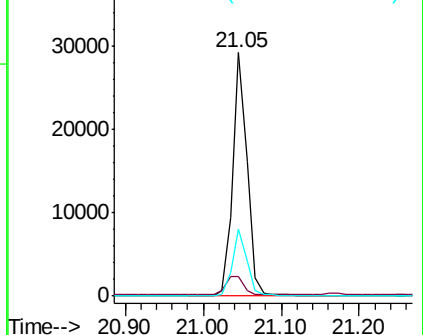
236 27.4 21.3 31.9

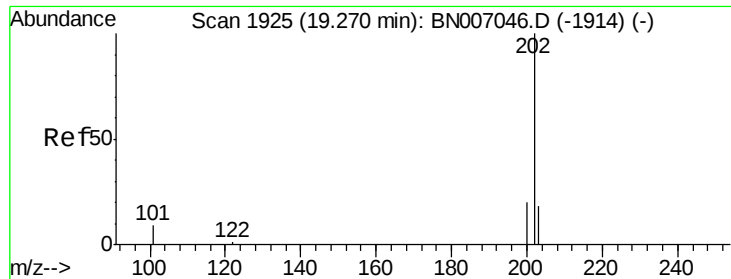


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

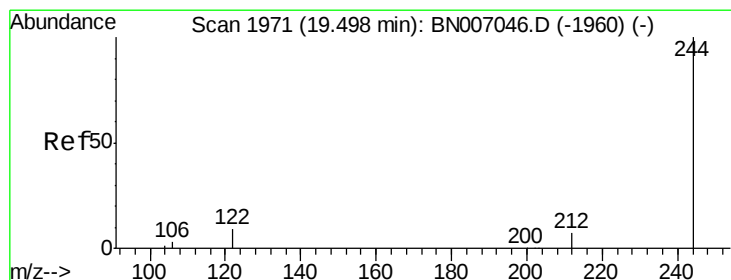
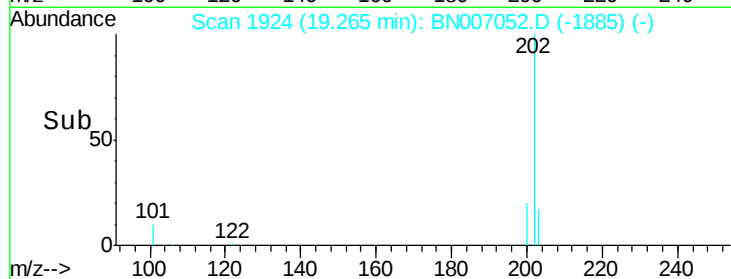
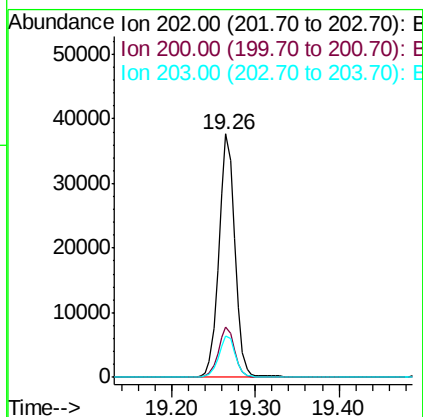
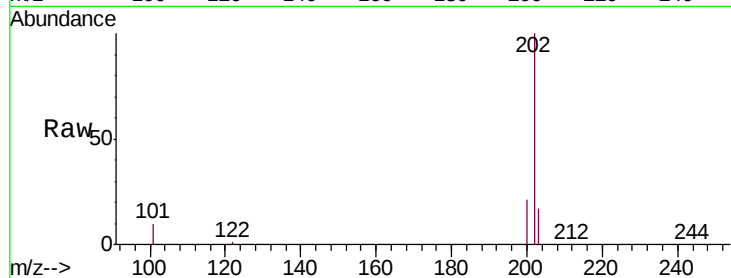




#27
 Pyrene
 Concen: 0.378 ng
 RT: 19.26 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BN007052.D
 Acq: 10 Aug 2019 16:22

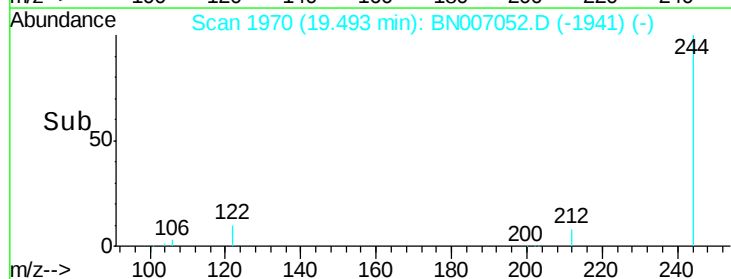
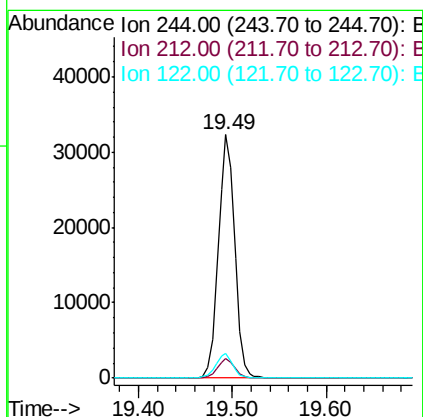
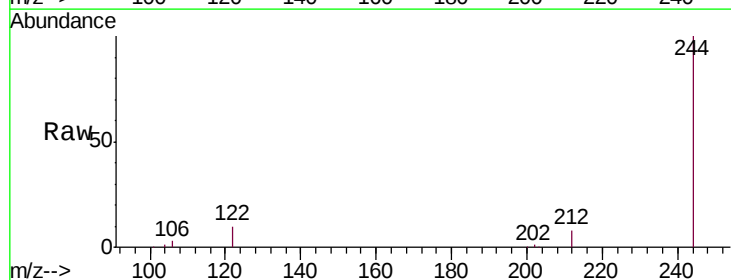
Instrument :
 BNA_N
 ClientSampleId :
 ICVBE081019

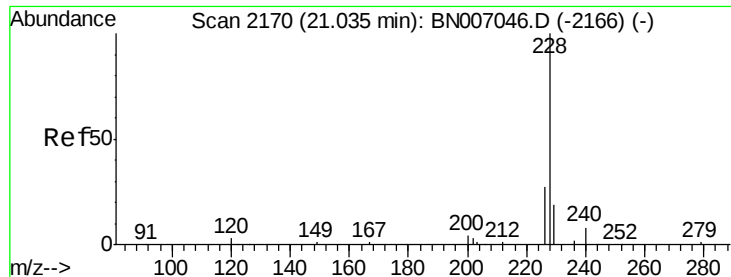
Tgt Ion: 202 Resp: 49414
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.6 24.8
 203 17.4 14.0 21.0



#28
 Terphenyl-d14
 Concen: 0.383 ng
 RT: 19.49 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BN007052.D
 Acq: 10 Aug 2019 16:22

Tgt Ion: 244 Resp: 38862
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 9.9 7.4 11.2





#29

Benzo(a)anthracene

Concen: 0.381 ng

RT: 21.03 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BN007052.D

Acq: 10 Aug 2019 16:22

Instrument :

BNA_N

ClientSampleId :

ICVBE081019

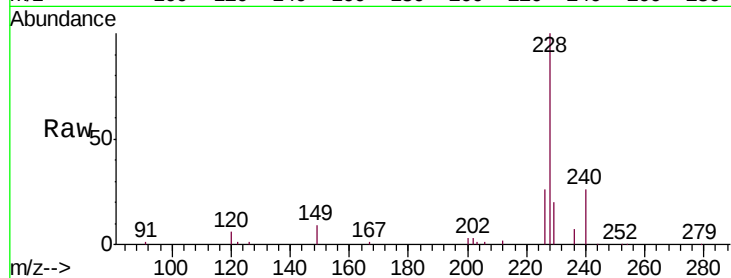
Tgt Ion:228 Resp: 51924

Ion Ratio Lower Upper

228 100

226 26.5 21.8 32.6

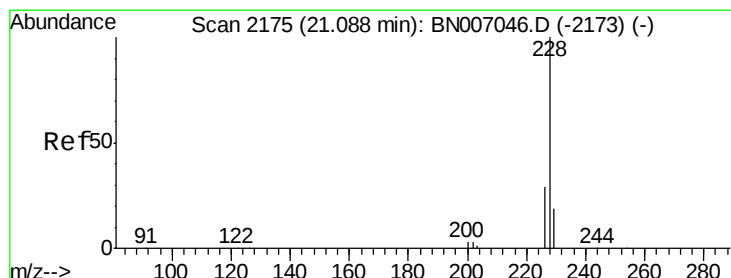
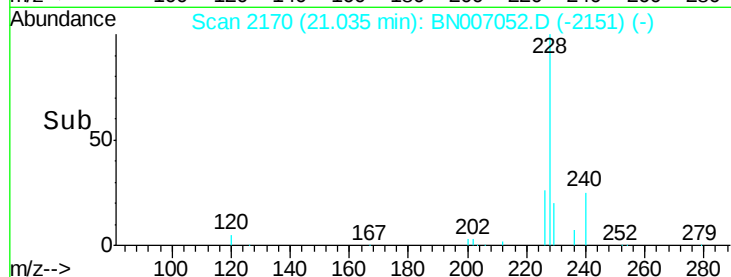
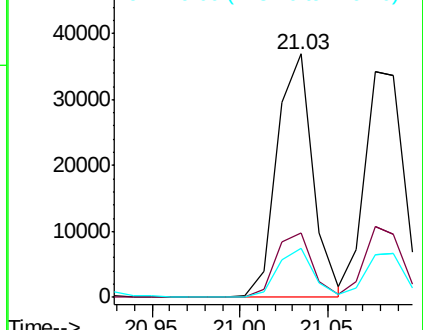
229 20.0 15.6 23.4



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: 0.396 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007052.D

Acq: 10 Aug 2019 16:22

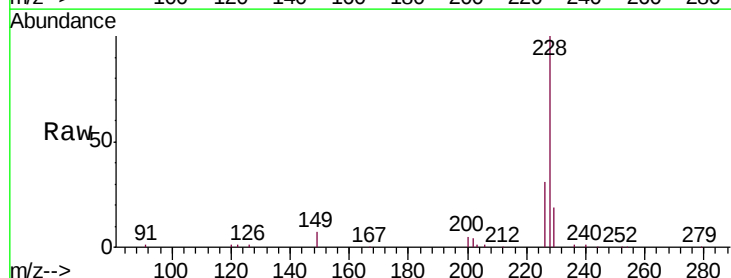
Tgt Ion:228 Resp: 52414

Ion Ratio Lower Upper

228 100

226 31.3 23.8 35.6

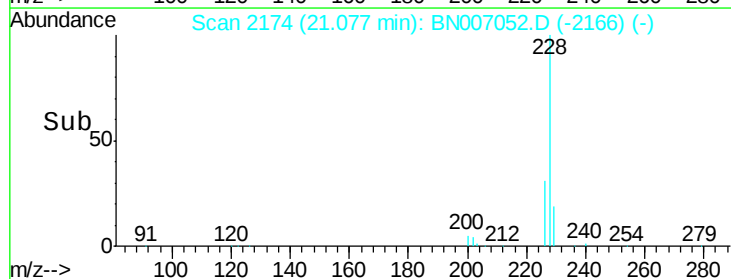
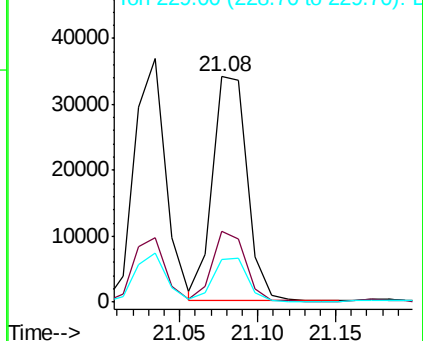
229 19.1 15.7 23.5

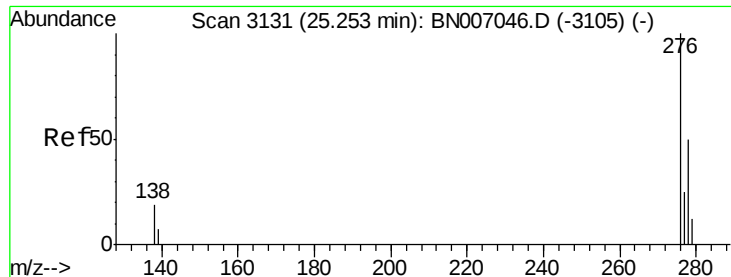


Abundance Ion 228.00 (227.70 to 228.70): E

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: 0.354 ng

RT: 25.24 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BN007052.D

Acq: 10 Aug 2019 16:22

Instrument :

BNA_N

ClientSampleId :

ICVBE081019

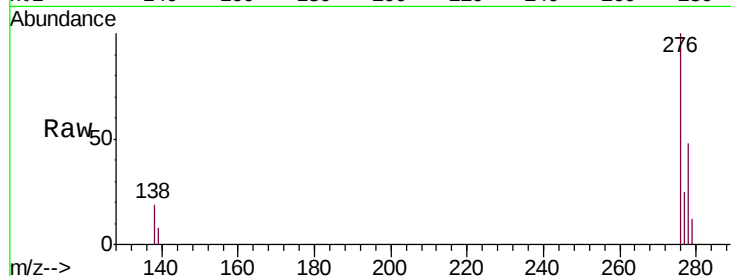
Tgt Ion:276 Resp: 51559

Ion Ratio Lower Upper

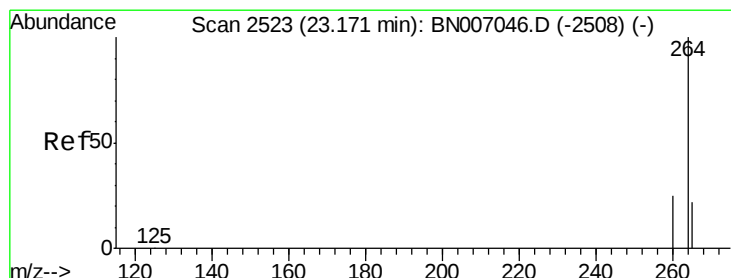
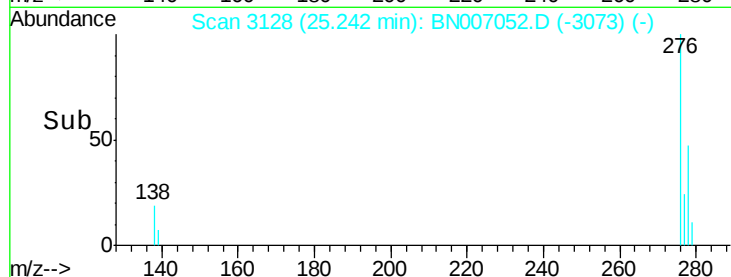
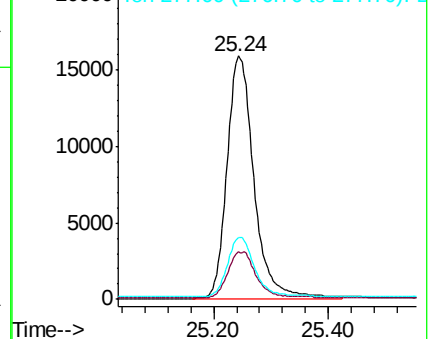
276 100

138 20.0 16.0 24.0

277 24.6 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# 2521

Delta R.T. -0.01 min

Lab File: BN007052.D

Acq: 10 Aug 2019 16:22

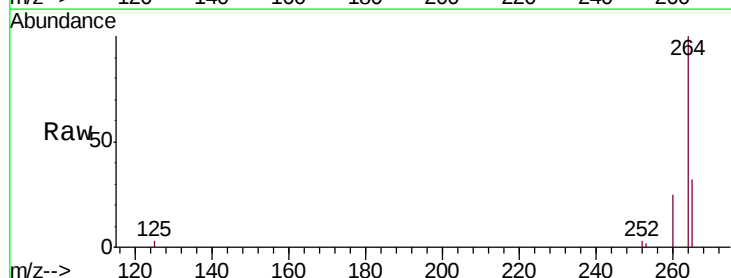
Tgt Ion:264 Resp: 35005

Ion Ratio Lower Upper

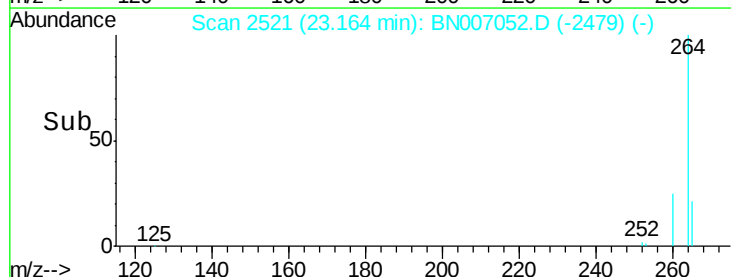
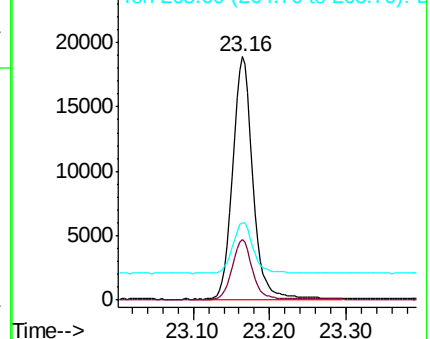
264 100

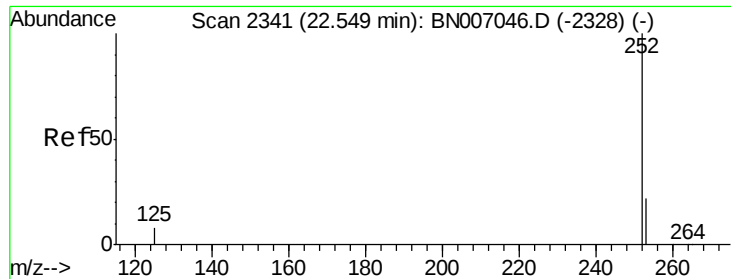
260 25.1 19.8 29.8

265 31.8 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: 0.397 ng

RT: 22.54 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BN007052.D

Acq: 10 Aug 2019 16:22

Instrument :

BNA_N

ClientSampleId :

ICVBE081019

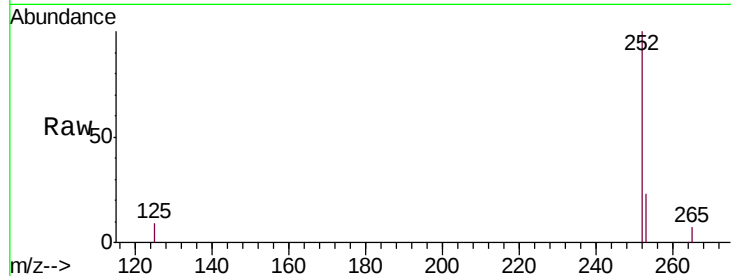
Tgt Ion:252 Resp: 47639

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

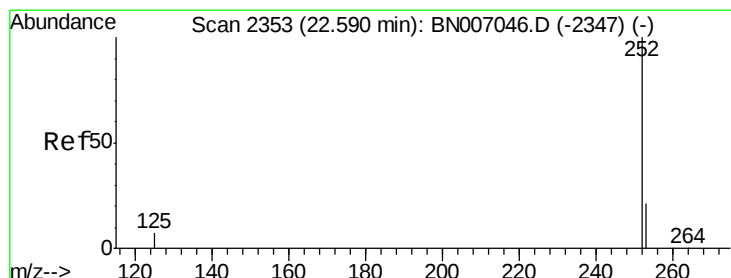
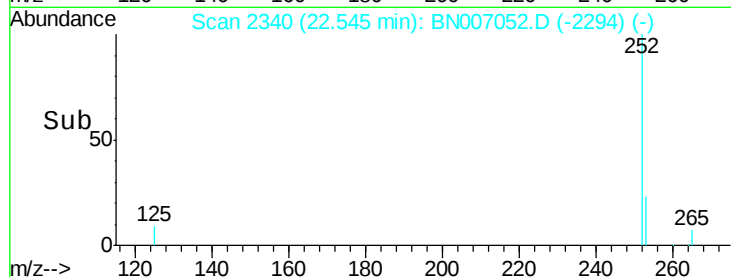
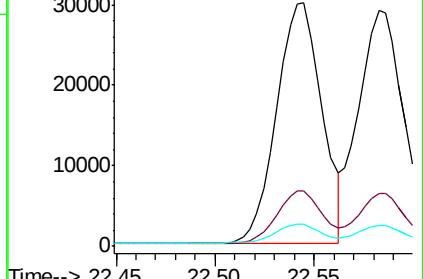
125 9.0 7.4 11.0



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: 0.408 ng

RT: 22.58 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BN007052.D

Acq: 10 Aug 2019 16:22

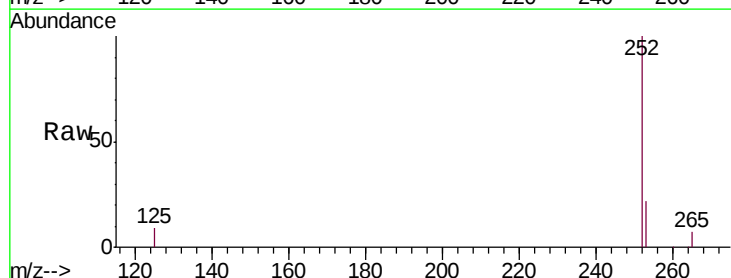
Tgt Ion:252 Resp: 48421

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

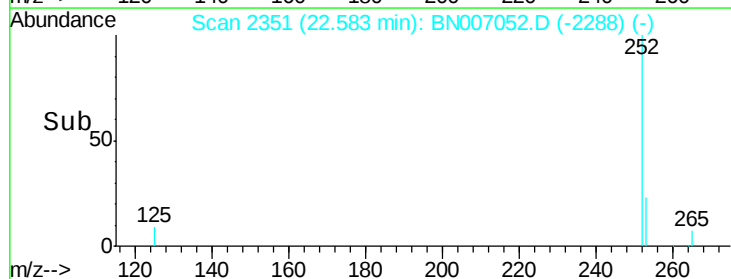
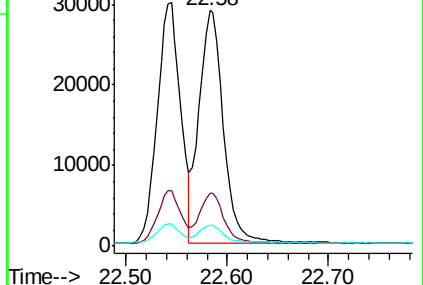
125 8.9 7.4 11.0

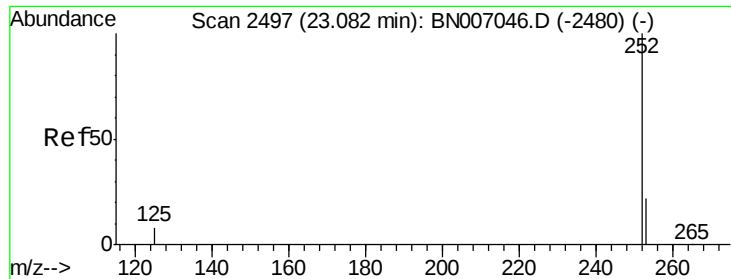


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.380 ng

RT: 23.07 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BN007052.D

Acq: 10 Aug 2019 16:22

Instrument :

BNA_N

ClientSampleId :

ICVBE081019

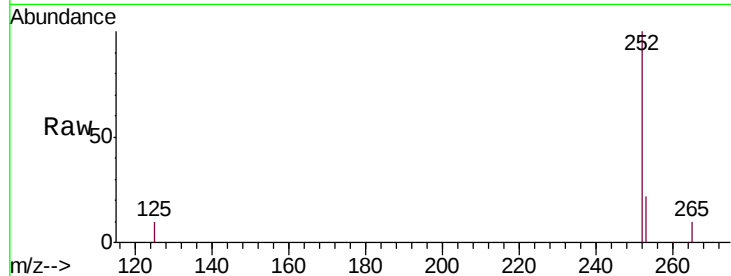
Tgt Ion:252 Resp: 41323

Ion Ratio Lower Upper

252 100

253 22.5 18.5 27.7

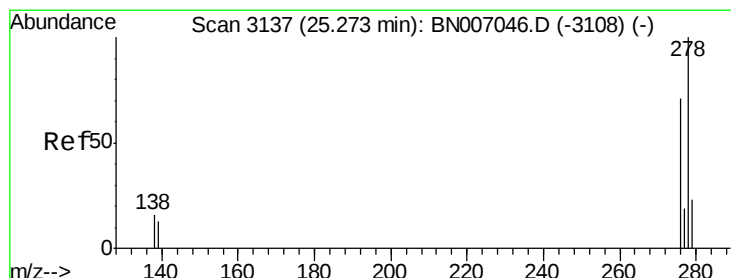
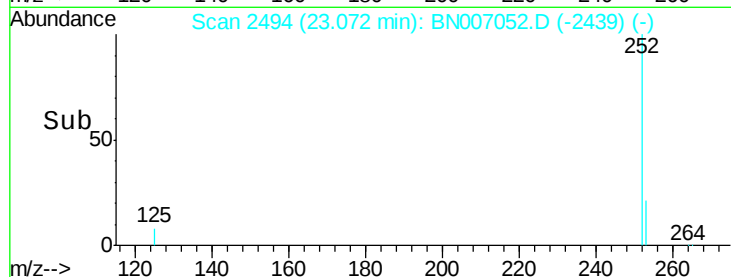
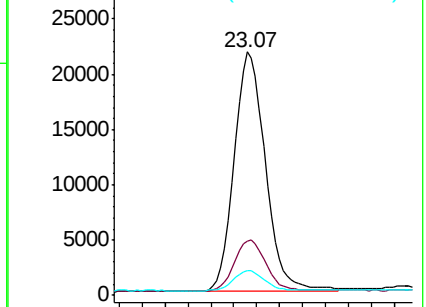
125 10.1 8.2 12.4



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: 0.385 ng

RT: 25.26 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BN007052.D

Acq: 10 Aug 2019 16:22

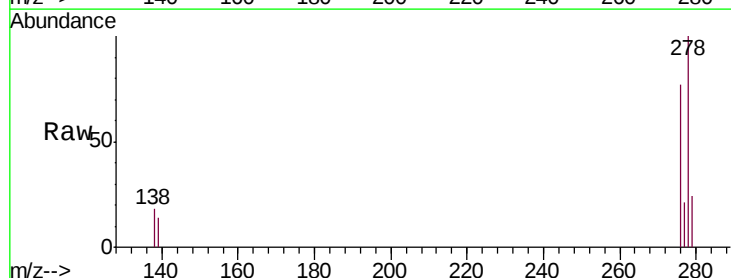
Tgt Ion:278 Resp: 41776

Ion Ratio Lower Upper

278 100

139 13.9 11.3 16.9

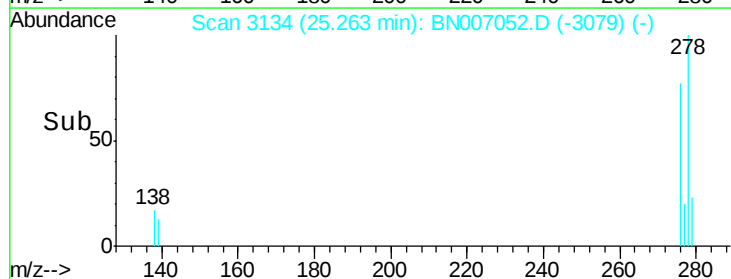
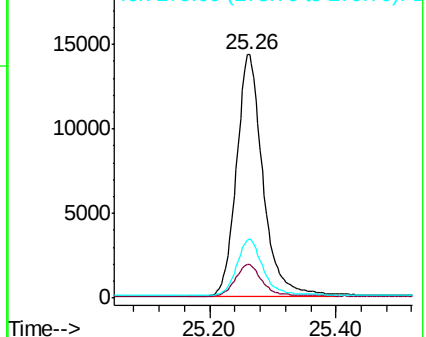
279 24.3 19.3 28.9

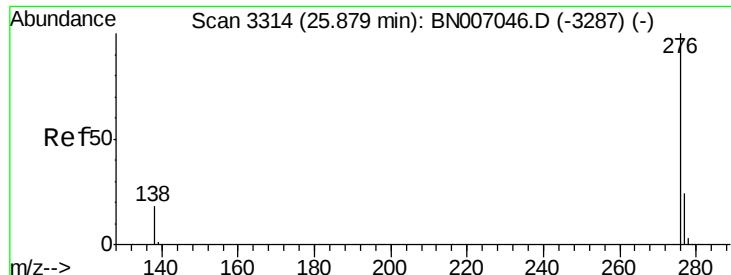


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 0.391 ng

RT: 25.87 min Scan# 3312

Delta R.T. -0.01 min

Lab File: BN007052.D

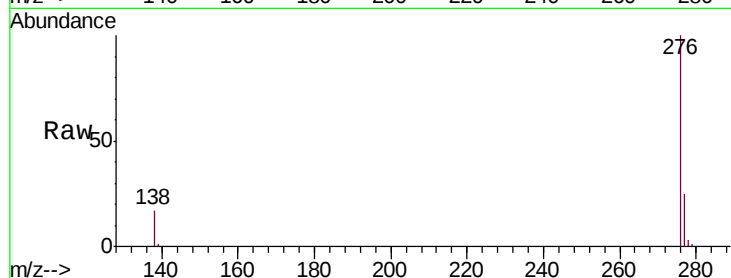
Acq: 10 Aug 2019 16:22

Instrument :

BNA_N

ClientSampleId :

ICVBE081019



Tgt Ion: 276 Resp: 43639

Ion Ratio Lower Upper

276 100

277 24.5 19.8 29.8

138 17.4 14.6 22.0

