

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
 Data File : BN007046.D
 Acq On : 10 Aug 2019 12:30
 Operator : HP/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Aug 10 21:34:02 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 21:17:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	6159	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	21875	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	12601	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	32391	0.40	ng	0.00
26) Chrysene-d12	21.06	240	35318	0.40	ng	0.00
32) Perylene-d12	23.17	264	35283	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	5676	0.36	ng	0.00
4) Phenol-d6	6.61	99	6819	0.35	ng	0.00
7) Nitrobenzene-d5	8.56	82	6461	0.38	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	15107	0.36	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	1975	0.33	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	8075	0.39	ng	0.00
24) Fluoranthene-d10	18.87	212	43845	0.37	ng	0.00
28) Terphenyl-d14	19.50	244	37007	0.36	ng	0.00

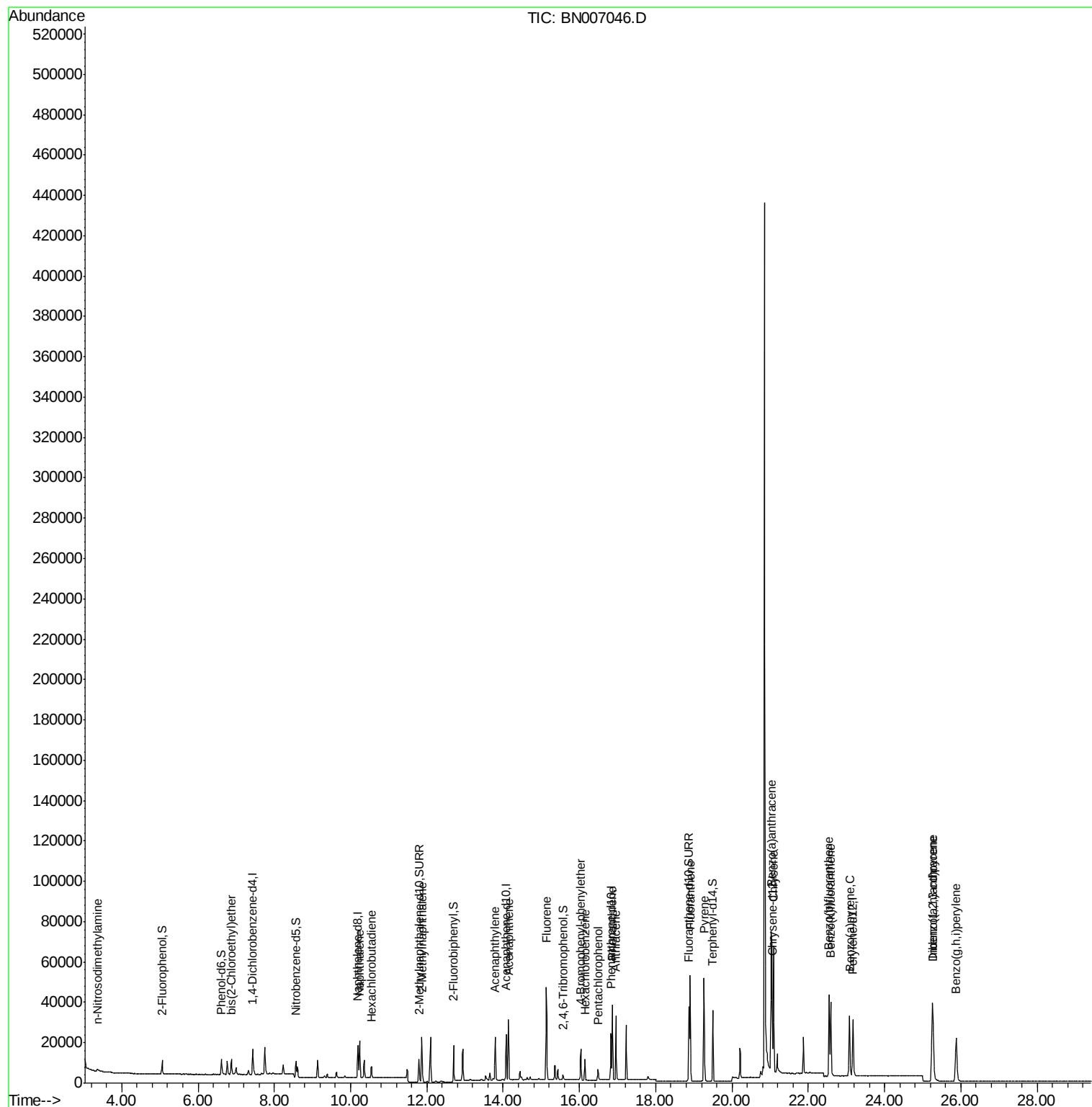
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.36	42	1272	0.361	ng	# 96
5) bis(2-Chloroethyl)ether	6.87	93	6201	0.357	ng	100
8) Naphthalene	10.24	128	22960	0.357	ng	100
9) Hexachlorobutadiene	10.55	225	4978	0.360	ng	# 100
11) 2-Methylnaphthalene	11.87	142	16127	0.359	ng	100
15) Acenaphthylene	13.79	152	24820	0.375	ng	100
16) Acenaphthene	14.14	154	15779	0.368	ng	100
17) Fluorene	15.14	166	20914	0.337	ng	100
19) 4-Bromophenyl-phenylether	16.04	248	7901	0.367	ng	100
20) Hexachlorobenzene	16.14	284	7593	0.377	ng	100
21) Pentachlorophenol	16.48	266	2490	0.355	ng	100
22) Phenanthrene	16.87	178	37402	0.368	ng	100
23) Anthracene	16.96	178	33020	0.373	ng	100
25) Fluoranthene	18.90	202	47901	0.367	ng	100
27) Pyrene	19.27	202	47894	0.359	ng	100
29) Benzo(a)anthracene	21.03	228	50398	0.377	ng	100
30) Chrysene	21.09	228	48186	0.364	ng	100
31) Indeno(1,2,3-cd)pyrene	25.25	276	52182	0.369	ng	100
33) Benzo(b)fluoranthene	22.55	252	47551	0.387	ng	100
34) Benzo(k)fluoranthene	22.59	252	47751	0.389	ng	100
35) Benzo(a)pyrene	23.08	252	42187	0.381	ng	100
36) Dibenzo(a,h)anthracene	25.27	278	42096	0.381	ng	100
37) Benzo(g,h,i)perylene	25.88	276	44397	0.385	ng	100

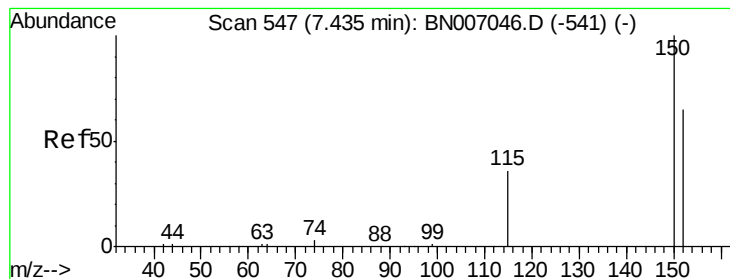
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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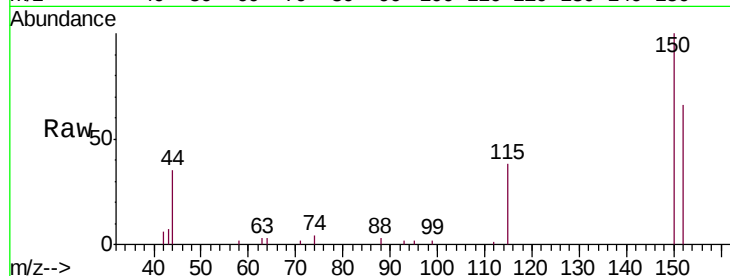


#1

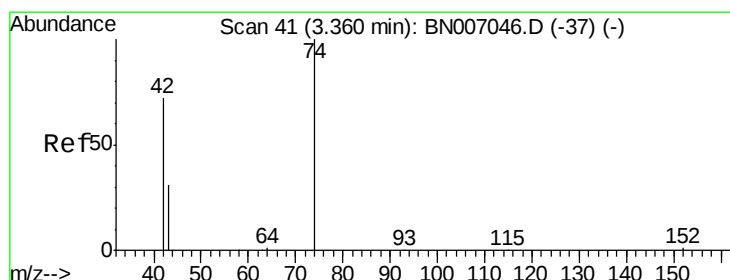
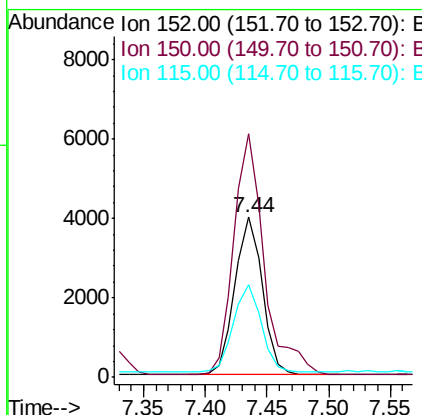
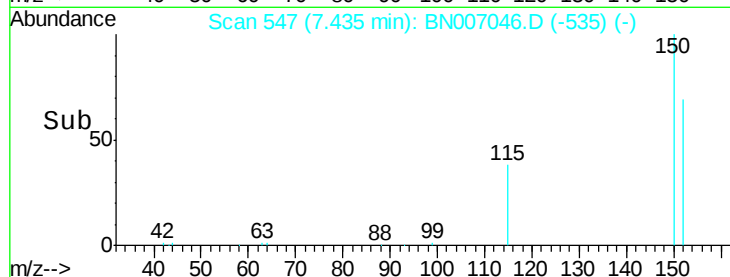
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.44 min Scan# 547
Delta R.T. 0.00 min
Lab File: BN007046.D
Acq: 10 Aug 2019 12:30

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 152 Resp: 6159
Ion Ratio Lower Upper
152 100
150 152.1 121.7 182.5
115 57.8 46.2 69.4



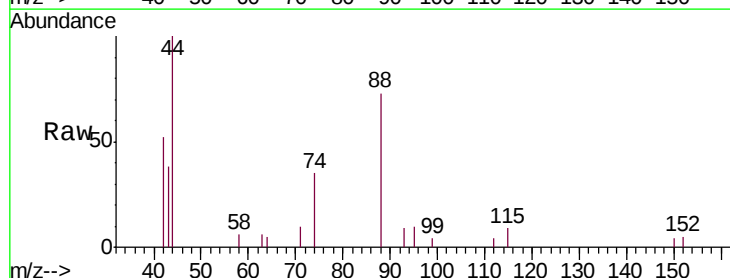
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



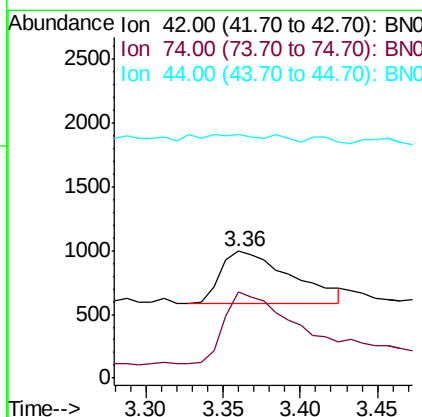
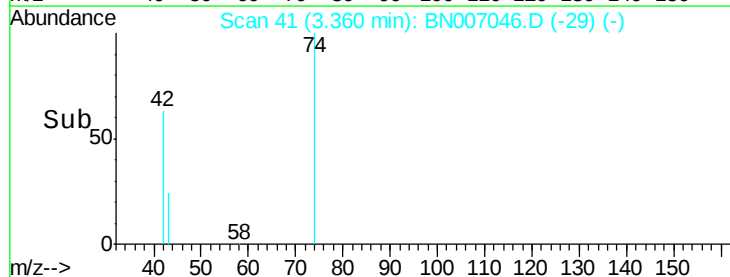
#2

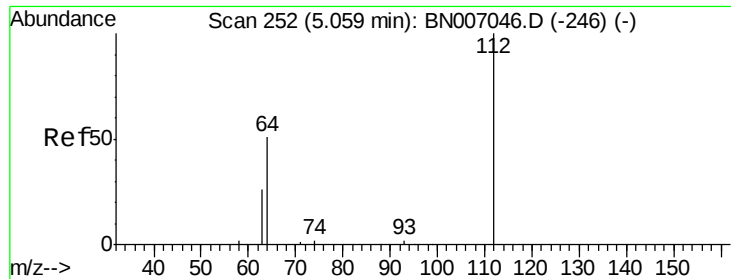
n-Nitrosodimethylamine
Concen: 0.361 ng
RT: 3.36 min Scan# 41
Delta R.T. 0.00 min
Lab File: BN007046.D
Acq: 10 Aug 2019 12:30

Tgt Ion: 42 Resp: 1272
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: 0.356 ng

RT: 5.06 min Scan# 252

Delta R.T. 0.00 min

Lab File: BN007046.D

Acq: 10 Aug 2019 12:30

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

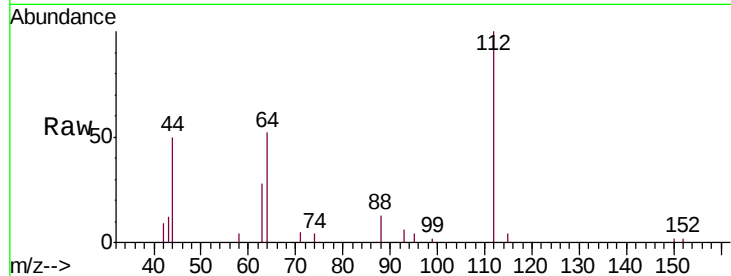
Tgt Ion:112 Resp: 5676

Ion Ratio Lower Upper

112 100

64 53.2 42.6 63.8

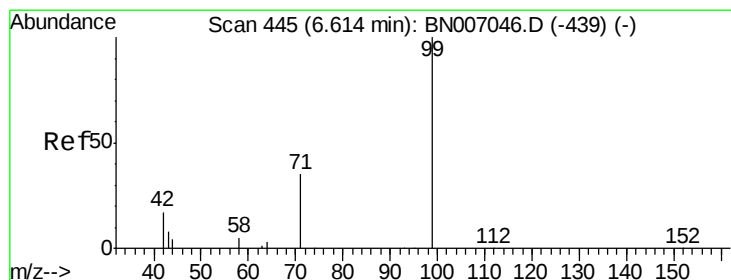
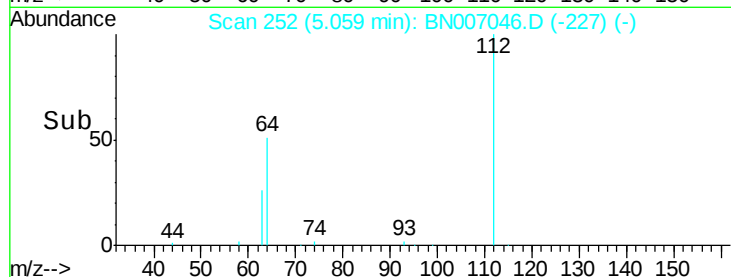
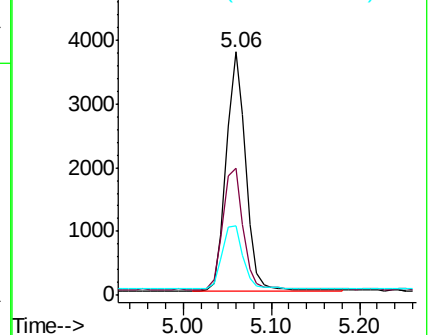
63 27.7 22.2 33.2



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: 0.350 ng

RT: 6.61 min Scan# 445

Delta R.T. 0.00 min

Lab File: BN007046.D

Acq: 10 Aug 2019 12:30

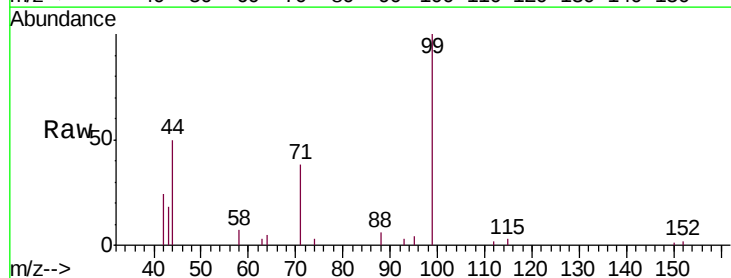
Tgt Ion: 99 Resp: 6819

Ion Ratio Lower Upper

99 100

42 19.7 15.8 23.6

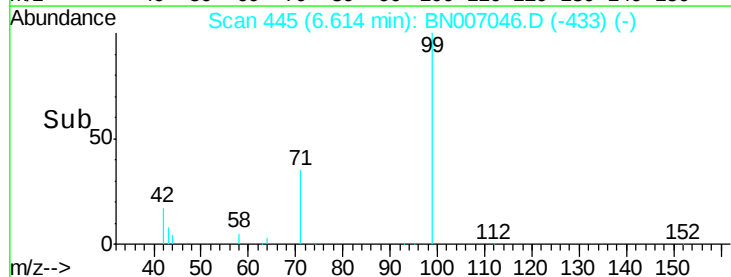
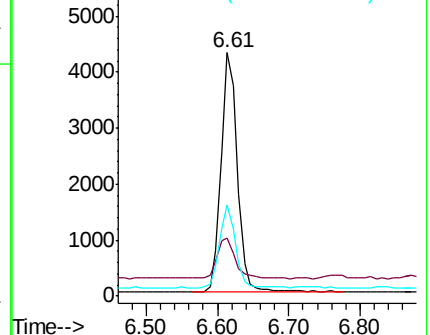
71 33.7 27.0 40.4

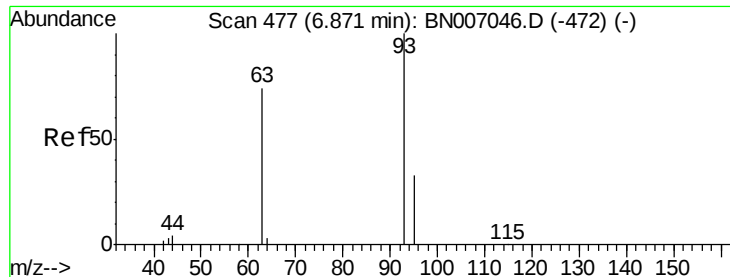


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#5

bis(2-Chloroethyl)ether

Concen: 0.357 ng

RT: 6.87 min Scan# 477

Delta R.T. 0.00 min

Lab File: BN007046.D

Acq: 10 Aug 2019 12:30

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

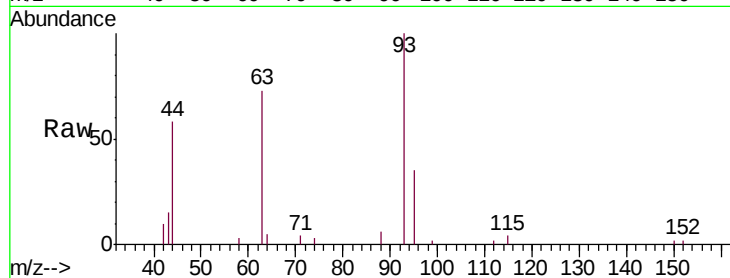
Tgt Ion: 93 Resp: 6201

Ion Ratio Lower Upper

93 100

63 69.5 55.6 83.4

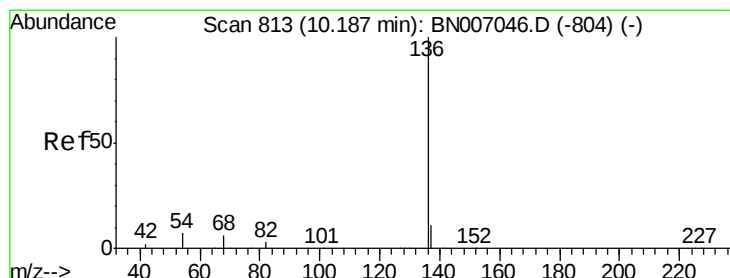
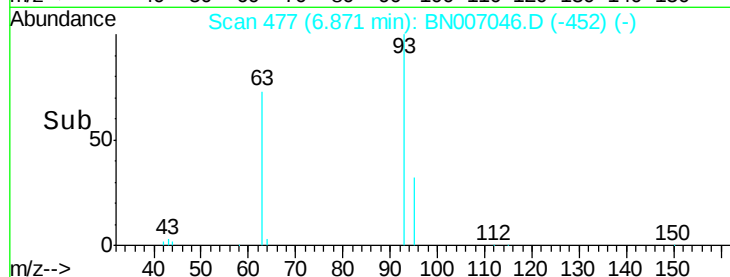
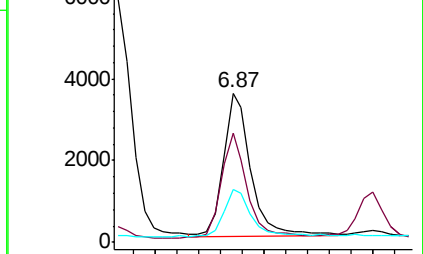
95 33.4 26.7 40.1



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: BN007046.D

Acq: 10 Aug 2019 12:30

Tgt Ion: 136 Resp: 21875

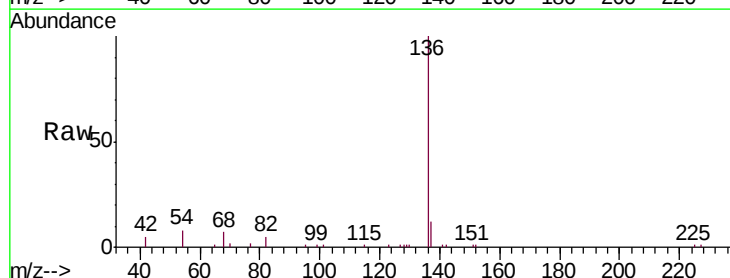
Ion Ratio Lower Upper

136 100

137 11.7 9.4 14.0

54 8.2 6.6 9.8

68 7.5 6.0 9.0

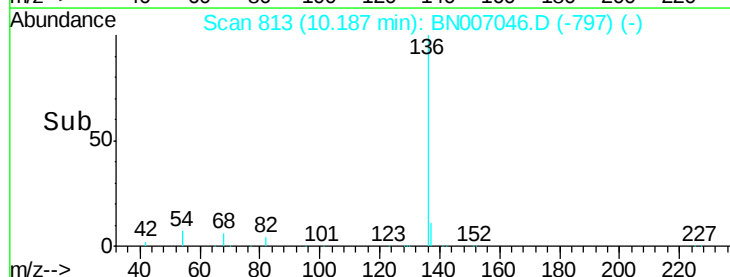
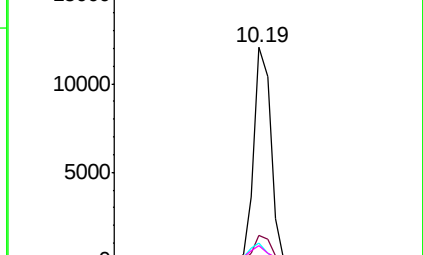


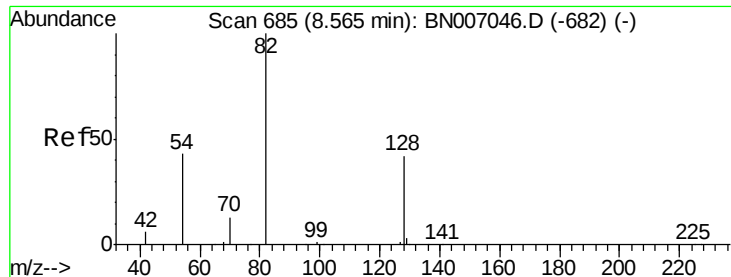
Abundance Ion 136.00 (135.70 to 136.70): BN007046.D (-804) (-)

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: 0.379 ng

RT: 8.56 min Scan# 685

Delta R.T. 0.00 min

Lab File: BN007046.D

Acq: 10 Aug 2019 12:30

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

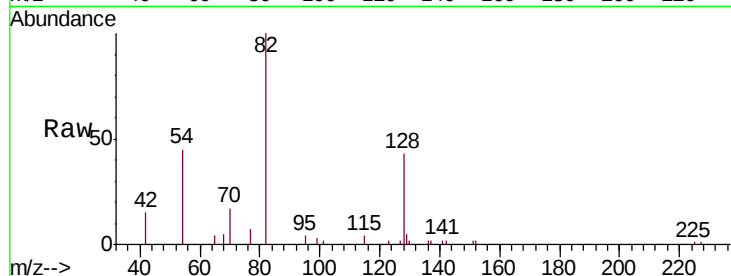
Tgt Ion: 82 Resp: 6461

Ion Ratio Lower Upper

82 100

128 43.2 34.6 51.8

54 45.3 36.2 54.4

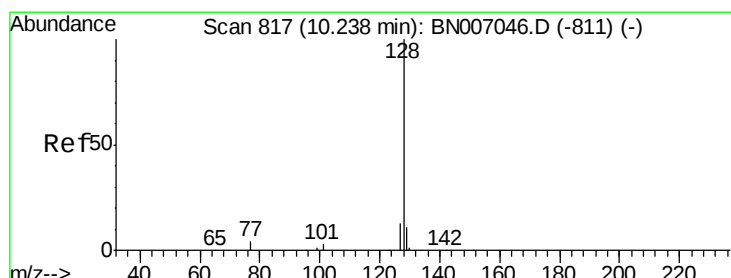
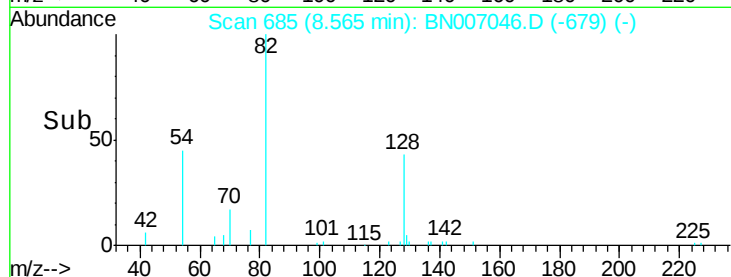


Abundance Ion 82.00 (81.70 to 82.70): BN007046.D (-682) (-)

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

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

Time-->



#8

Naphthalene

Concen: 0.357 ng

RT: 10.24 min Scan# 817

Delta R.T. 0.00 min

Lab File: BN007046.D

Acq: 10 Aug 2019 12:30

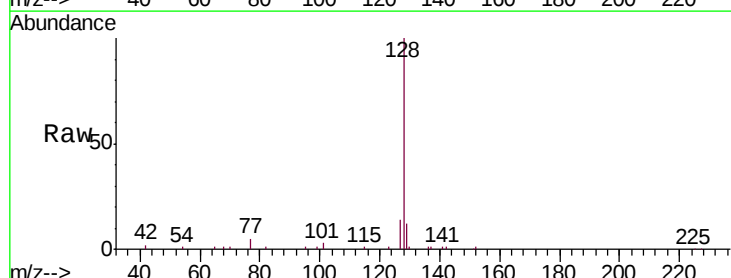
Tgt Ion: 128 Resp: 22960

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.2

127 13.8 11.0 16.6

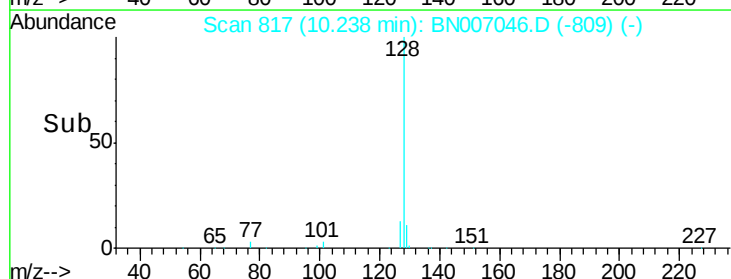


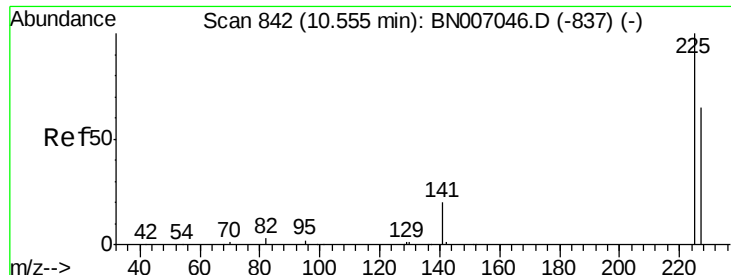
Abundance Ion 128.00 (127.70 to 128.70): BN007046.D (-811) (-)

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

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

Time-->





#9

Hexachlorobutadiene

Concen: 0.360 ng

RT: 10.55 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN007046.D

Acq: 10 Aug 2019 12:30

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

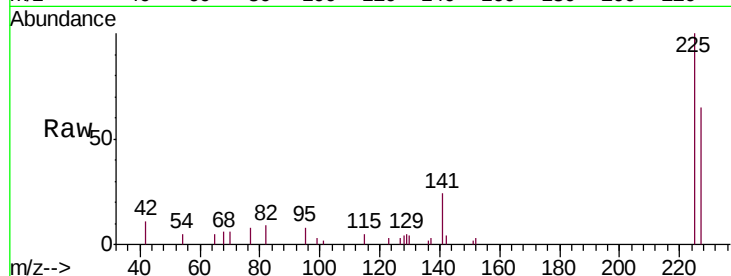
Tgt Ion:225 Resp: 4978

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

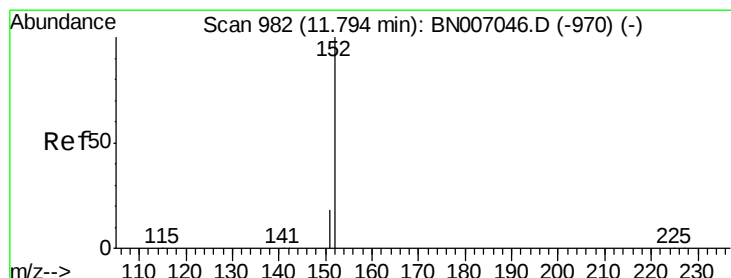
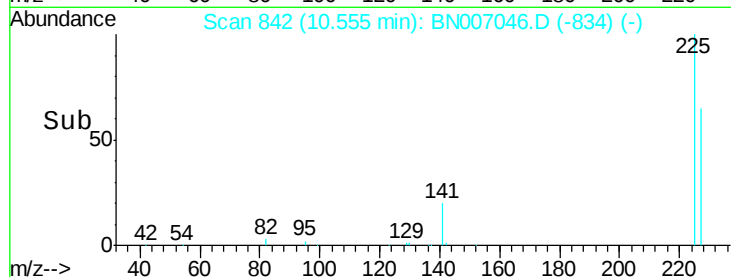
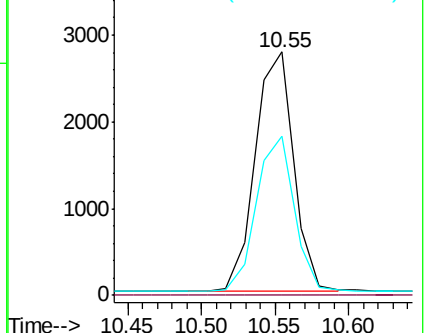
227 63.9 51.1 76.7



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: 0.359 ng

RT: 11.79 min Scan# 982

Delta R.T. 0.00 min

Lab File: BN007046.D

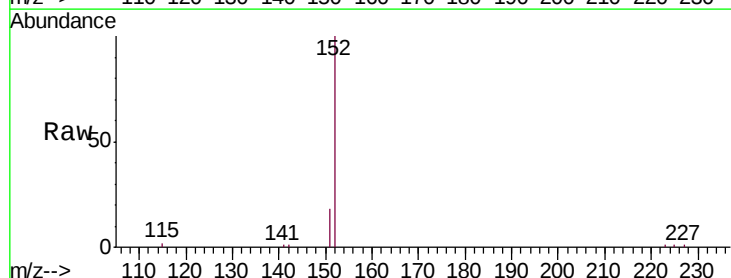
Acq: 10 Aug 2019 12:30

Tgt Ion:152 Resp: 15107

Ion Ratio Lower Upper

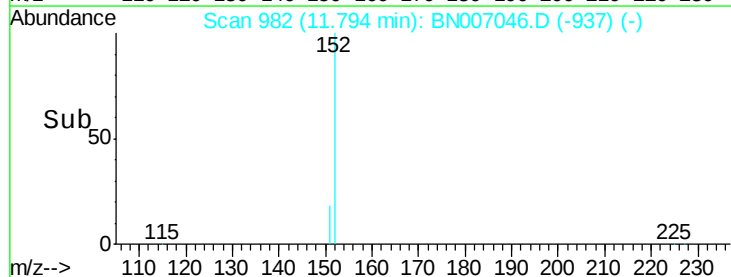
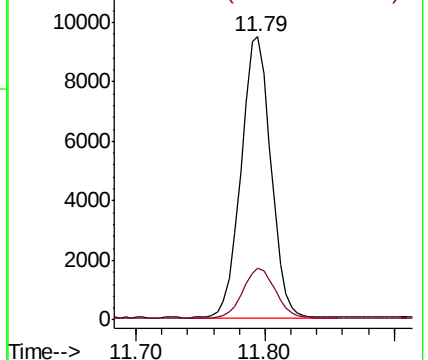
152 100

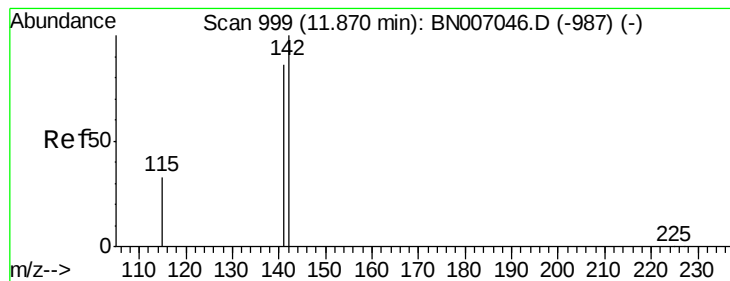
151 19.4 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.359 ng

RT: 11.87 min Scan# 999

Delta R.T. 0.00 min

Lab File: BN007046.D

Acq: 10 Aug 2019 12:30

Instrument :

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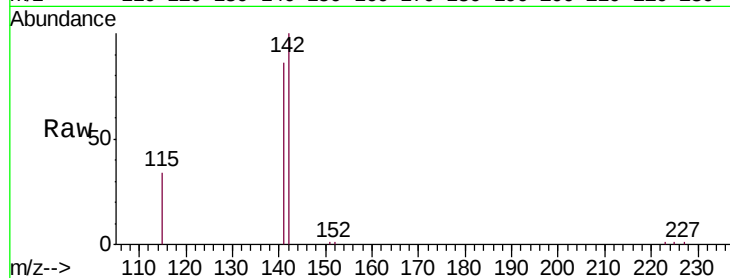
Tgt Ion:142 Resp: 16127

Ion Ratio Lower Upper

142 100

141 86.3 69.0 103.6

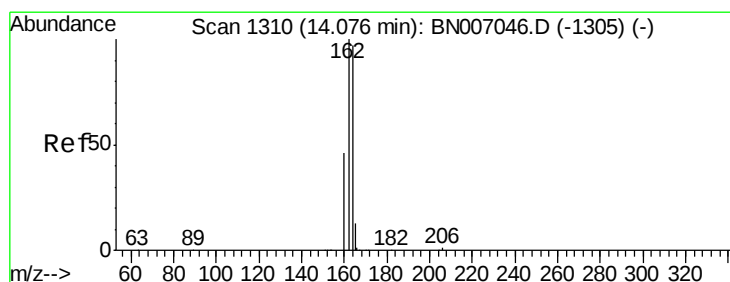
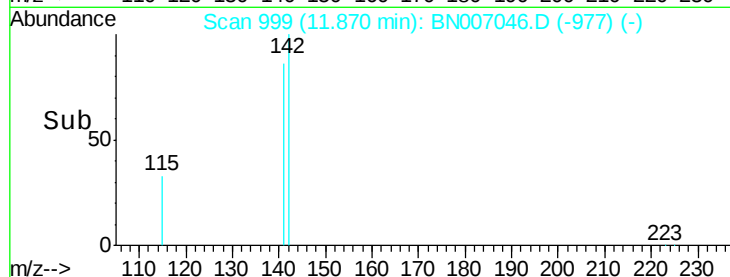
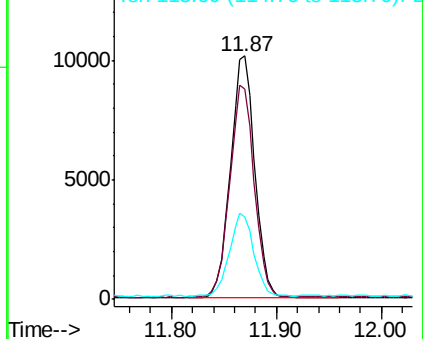
115 33.9 27.1 40.7



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: BN007046.D

Acq: 10 Aug 2019 12:30

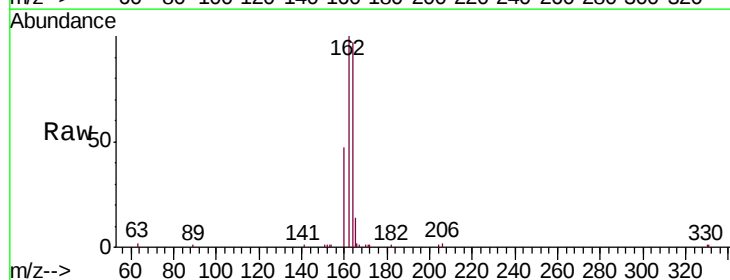
Tgt Ion:164 Resp: 12601

Ion Ratio Lower Upper

164 100

162 102.8 82.2 123.4

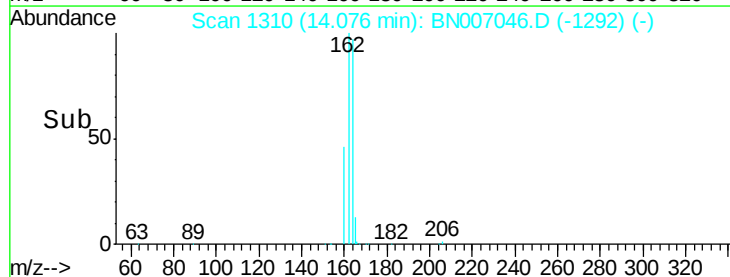
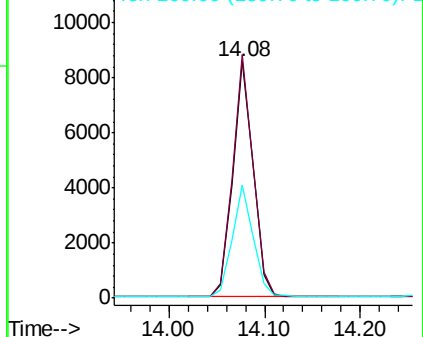
160 47.9 38.3 57.5

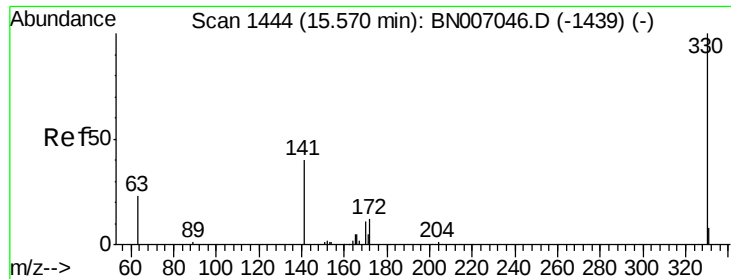


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

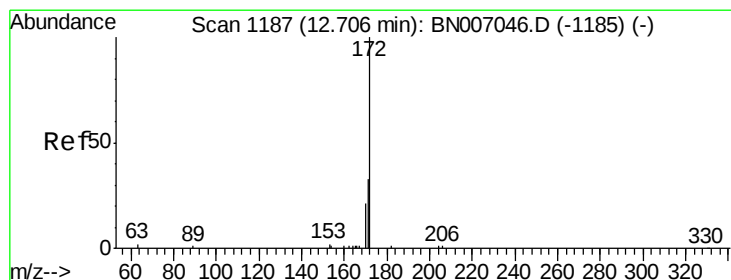
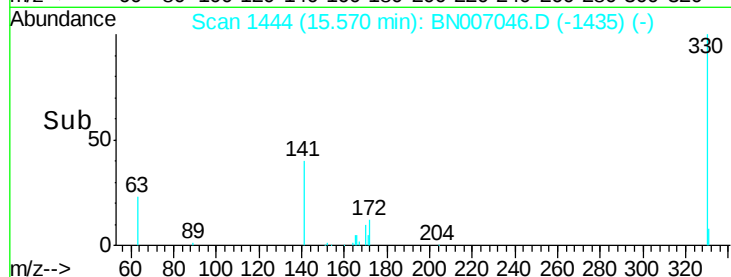
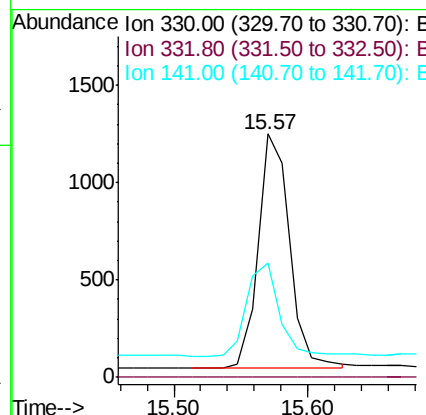
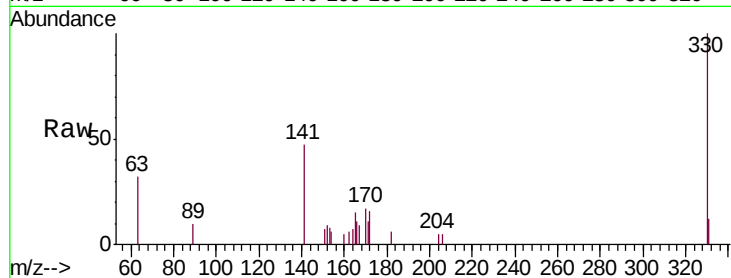




#13
 2,4,6-Tribromophenol
 Concen: 0.332 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: BN007046.D
 Acq: 10 Aug 2019 12:30

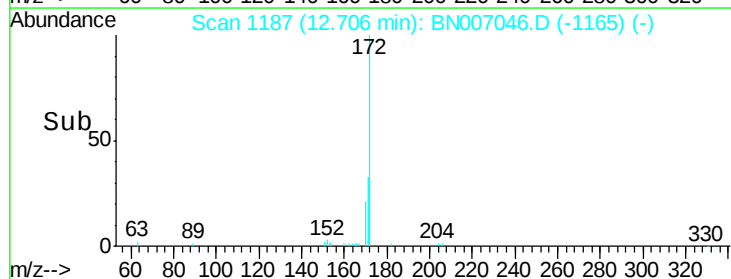
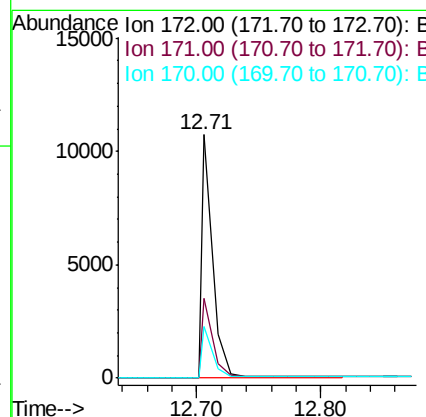
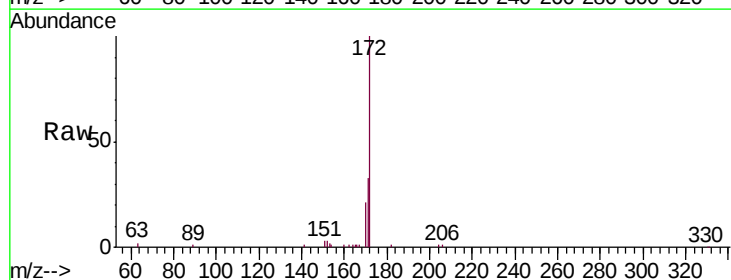
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

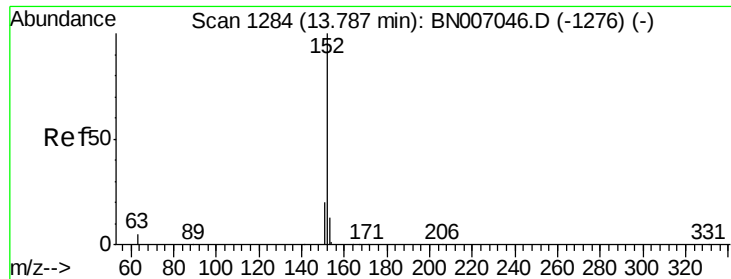
Tgt Ion: 330 Resp: 1975
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 42.0 33.6 50.4



#14
 2-Fluorobiphenyl
 Concen: 0.386 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BN007046.D
 Acq: 10 Aug 2019 12:30

Tgt Ion: 172 Resp: 8075
 Ion Ratio Lower Upper
 172 100
 171 32.9 26.3 39.5
 170 21.2 17.0 25.4





#15

Acenaphthylene

Concen: 0.375 ng

RT: 13.79 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BN007046.D

Acq: 10 Aug 2019 12:30

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

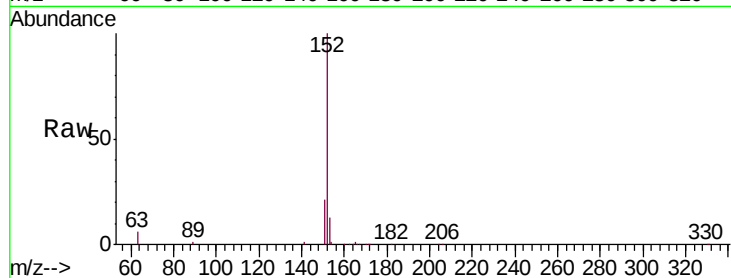
Tgt Ion:152 Resp: 24820

Ion Ratio Lower Upper

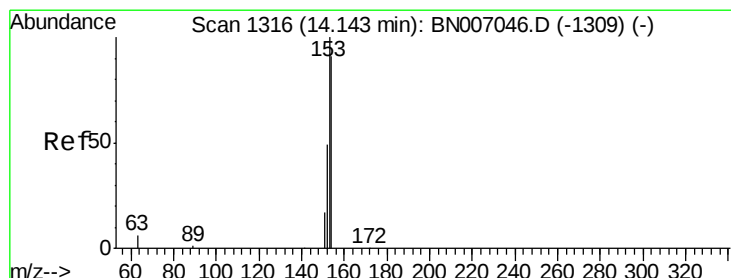
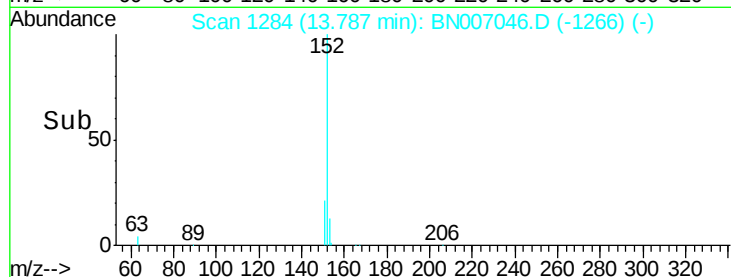
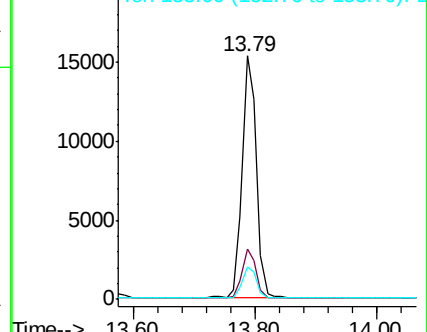
152 100

151 19.7 15.8 23.6

153 13.0 10.4 15.6



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



#16

Acenaphthene

Concen: 0.368 ng

RT: 14.14 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BN007046.D

Acq: 10 Aug 2019 12:30

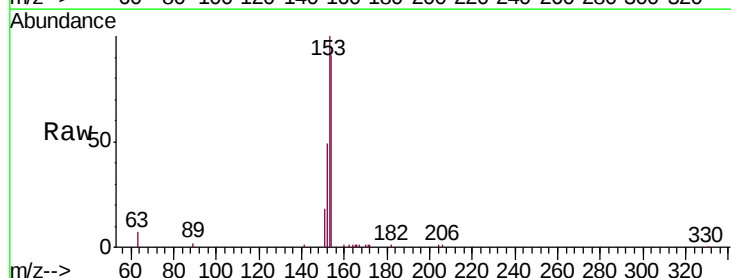
Tgt Ion:154 Resp: 15779

Ion Ratio Lower Upper

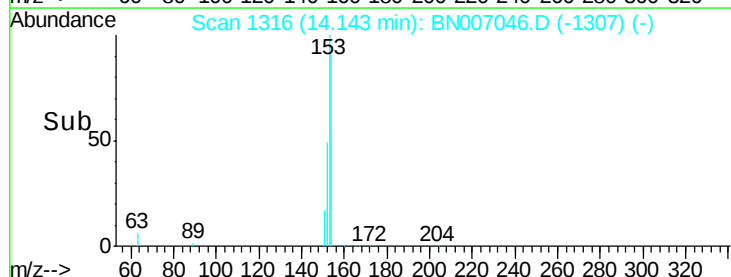
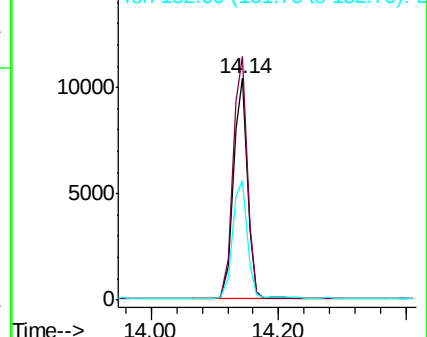
154 100

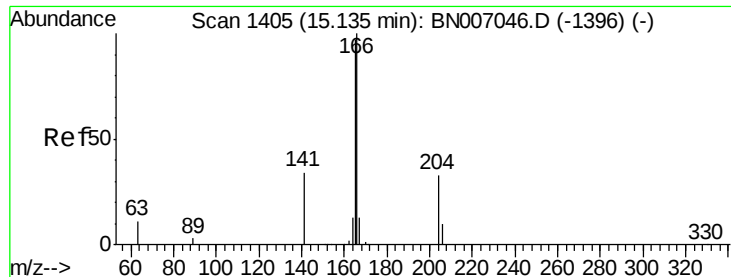
153 111.9 89.5 134.3

152 56.0 44.8 67.2



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

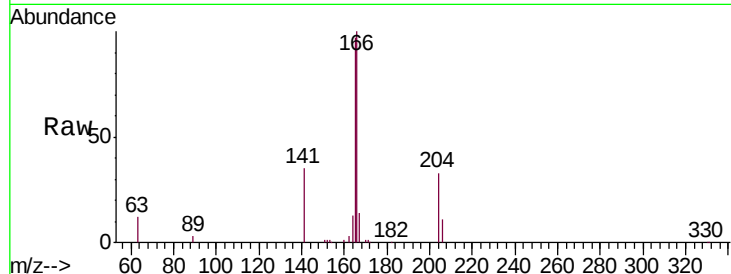




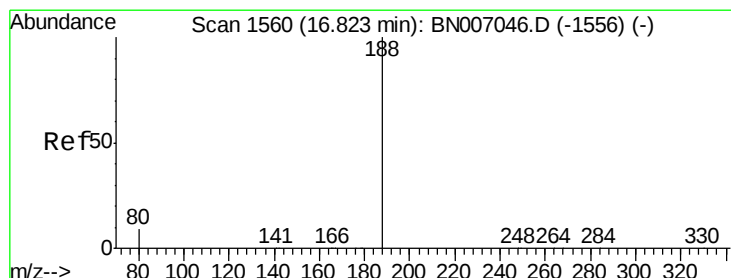
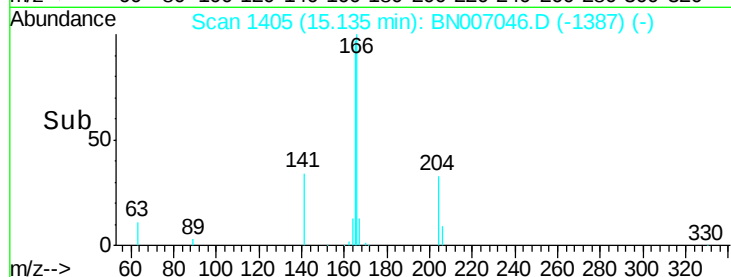
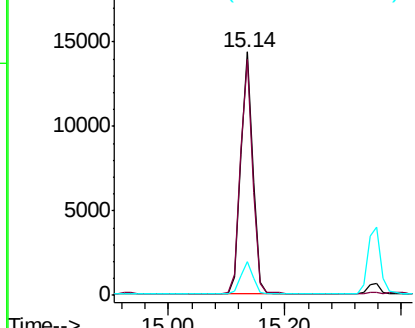
#17
Fluorene
 Concen: 0.337 ng
 RT: 15.14 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BN007046.D
 Acq: 10 Aug 2019 12:30

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

Tgt Ion:166 Resp: 20914
 Ion Ratio Lower Upper
 166 100
 165 97.4 77.9 116.9
 167 13.6 10.9 16.3

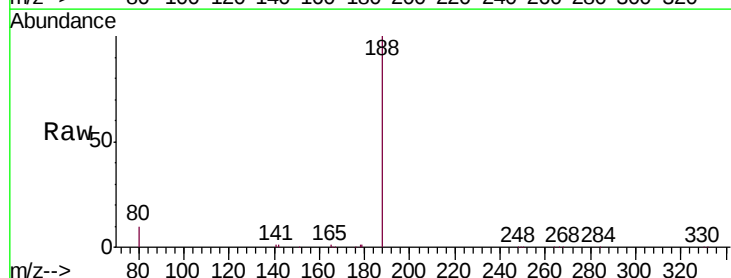


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

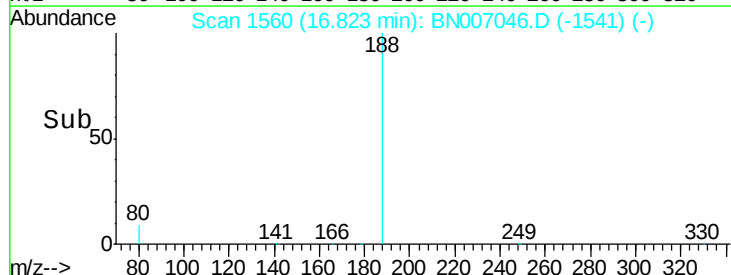
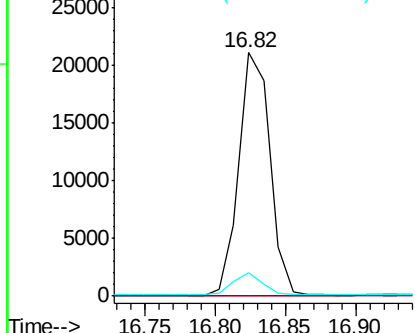


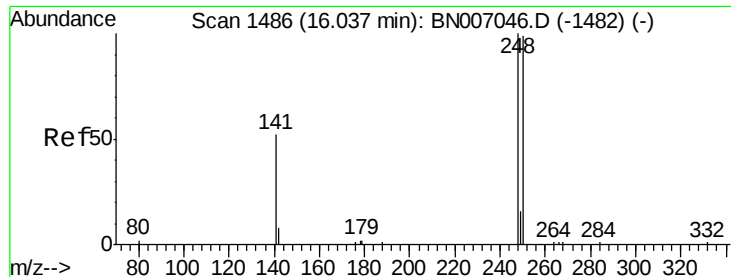
#18
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.82 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BN007046.D
 Acq: 10 Aug 2019 12:30

Tgt Ion:188 Resp: 32391
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.7 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: 0.367 ng

RT: 16.04 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BN007046.D

Acq: 10 Aug 2019 12:30

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

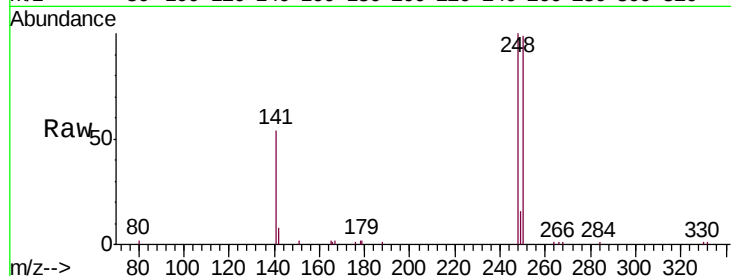
Tgt Ion:248 Resp: 7901

Ion Ratio Lower Upper

248 100

250 98.6 78.9 118.3

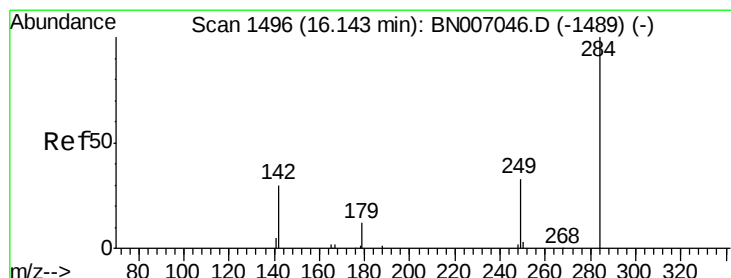
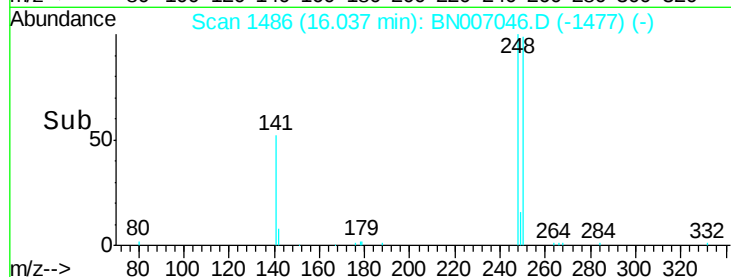
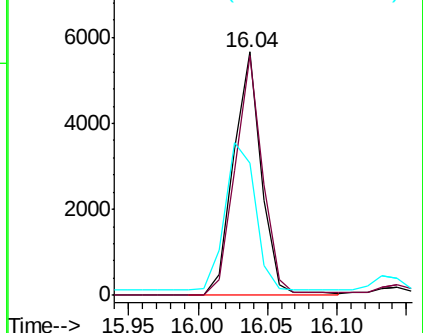
141 54.1 43.3 64.9



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: 0.377 ng

RT: 16.14 min Scan# 1496

Delta R.T. 0.00 min

Lab File: BN007046.D

Acq: 10 Aug 2019 12:30

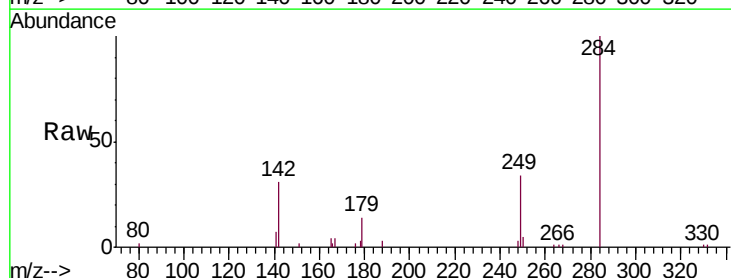
Tgt Ion:284 Resp: 7593

Ion Ratio Lower Upper

284 100

142 38.1 30.5 45.7

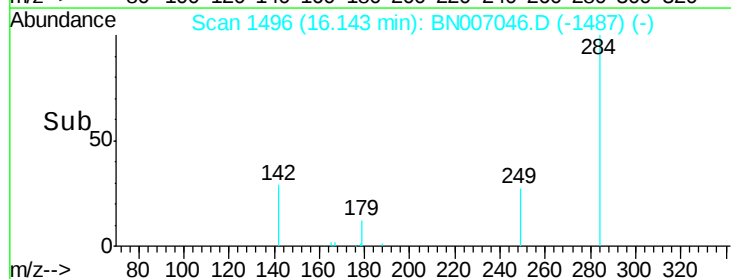
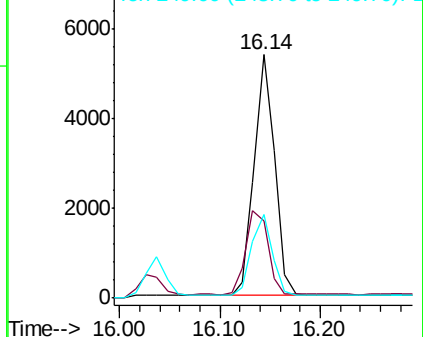
249 33.4 26.7 40.1



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

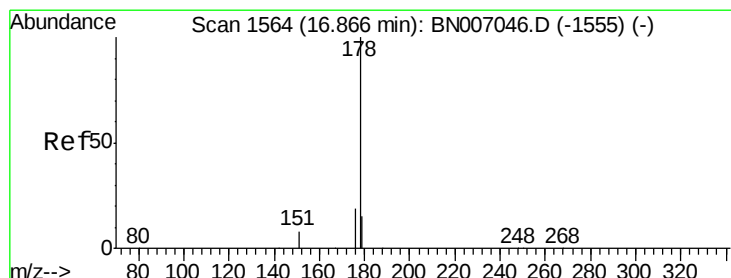
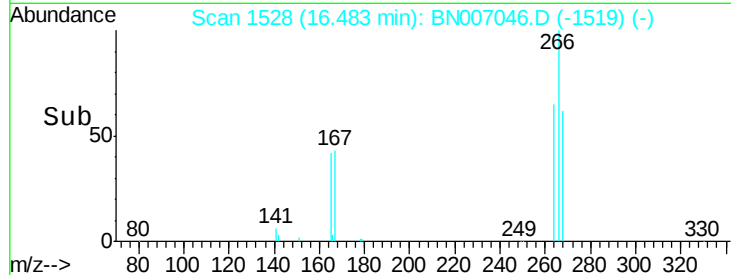
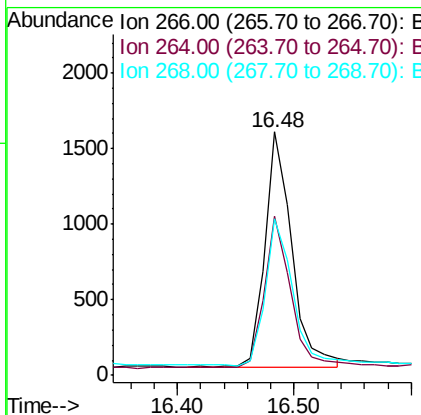
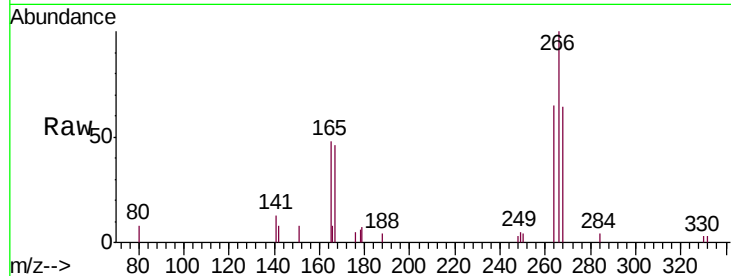




#21
 Pentachlorophenol
 Concen: 0.355 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. 0.00 min
 Lab File: BN007046.D
 Acq: 10 Aug 2019 12:30

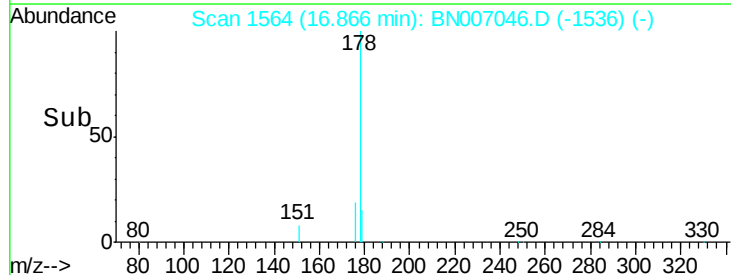
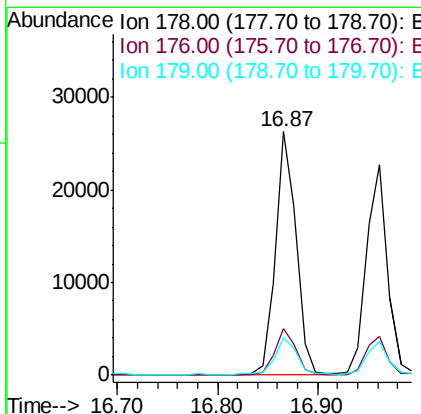
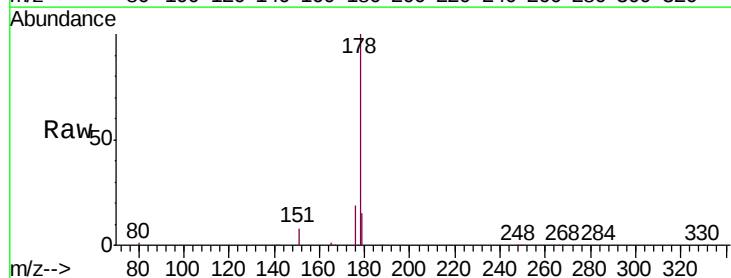
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

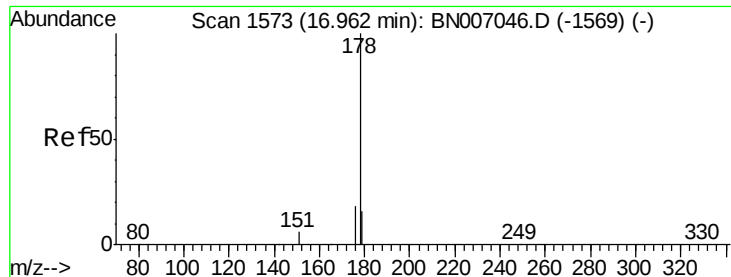
Tgt Ion: 266 Resp: 2490
 Ion Ratio Lower Upper
 266 100
 264 65.4 52.3 78.5
 268 64.4 51.5 77.3



#22
 Phenanthrene
 Concen: 0.368 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BN007046.D
 Acq: 10 Aug 2019 12:30

Tgt Ion: 178 Resp: 37402
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 15.4 12.3 18.5





#23

Anthracene

Concen: 0.373 ng

RT: 16.96 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BN007046.D

Acq: 10 Aug 2019 12:30

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

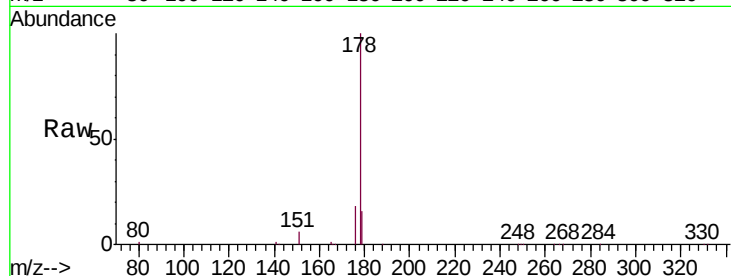
Tgt Ion:178 Resp: 33020

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

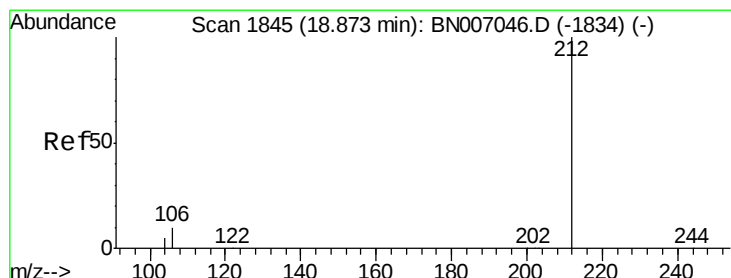
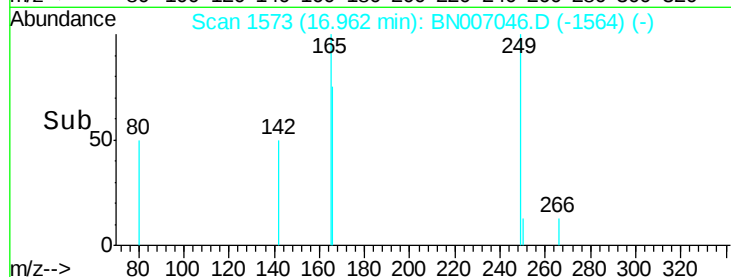
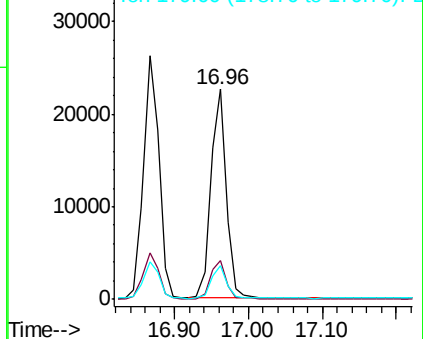
179 15.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene-d10

Concen: 0.366 ng

RT: 18.87 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BN007046.D

Acq: 10 Aug 2019 12:30

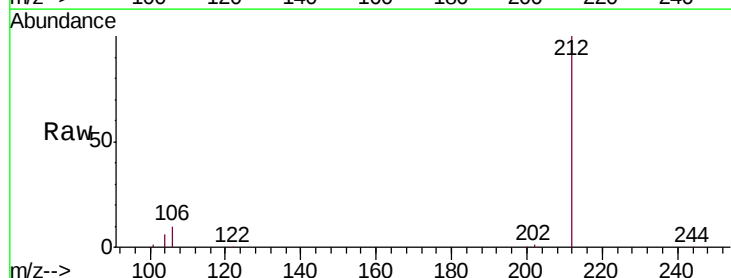
Tgt Ion:212 Resp: 43845

Ion Ratio Lower Upper

212 100

106 10.2 8.2 12.2

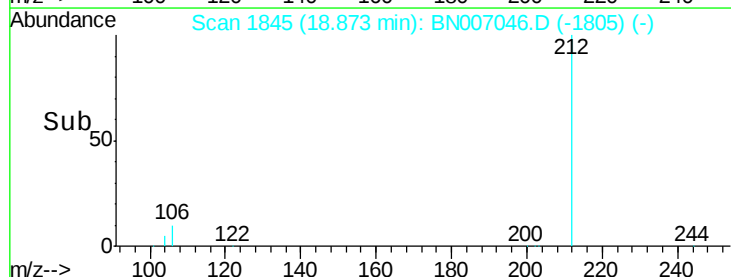
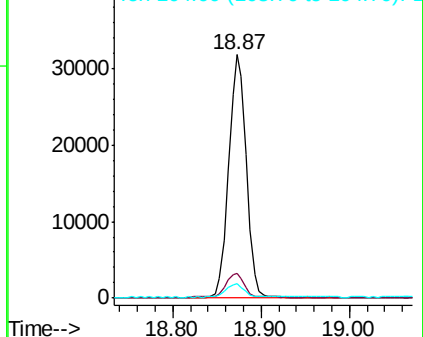
104 5.6 4.5 6.7

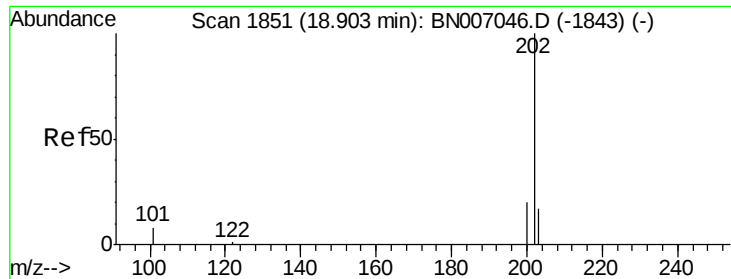


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.367 ng

RT: 18.90 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BN007046.D

Acq: 10 Aug 2019 12:30

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

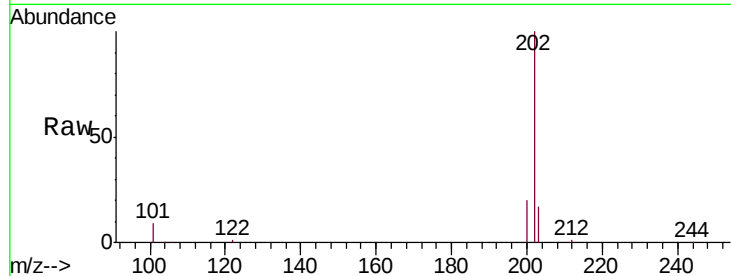
Tgt Ion:202 Resp: 47901

Ion Ratio Lower Upper

202 100

101 8.7 7.0 10.4

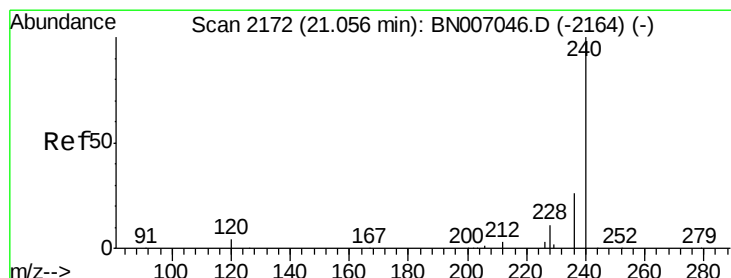
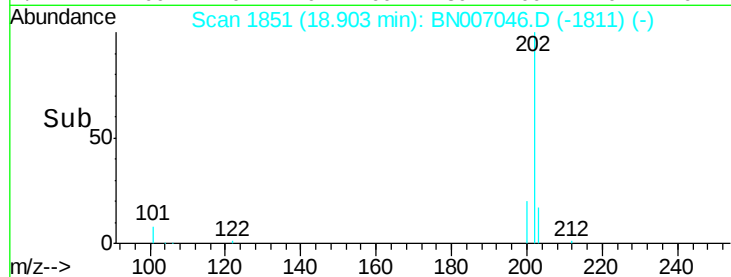
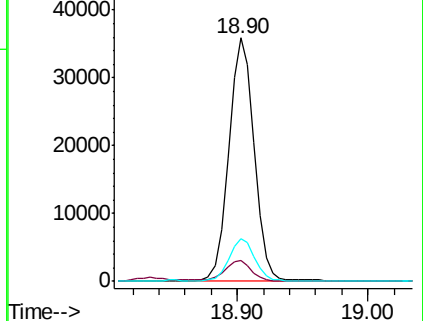
203 17.3 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.06 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN007046.D

Acq: 10 Aug 2019 12:30

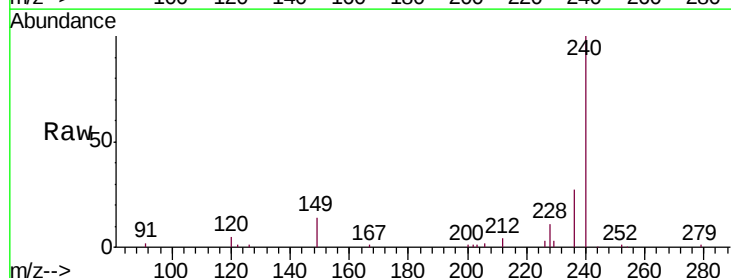
Tgt Ion:240 Resp: 35318

Ion Ratio Lower Upper

240 100

120 5.0 4.0 6.0

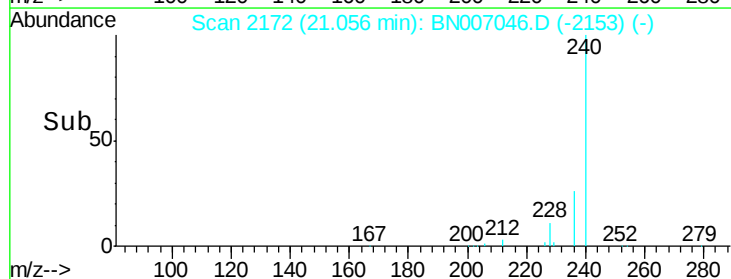
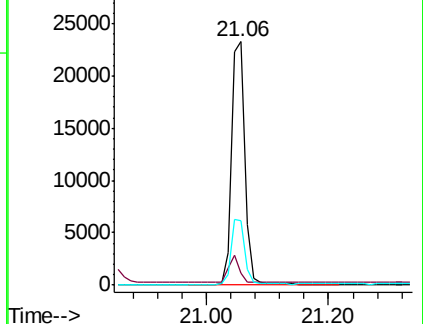
236 26.6 21.3 31.9

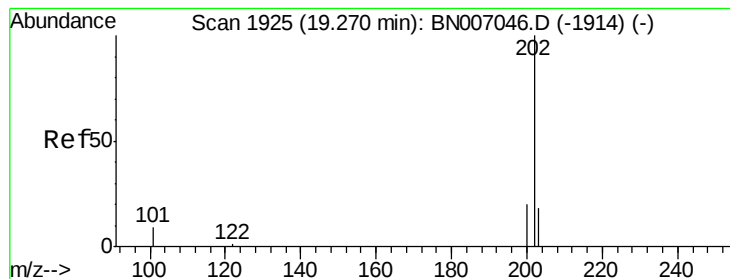


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Pyrene

Concen: 0.359 ng

RT: 19.27 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BN007046.D

Acq: 10 Aug 2019 12:30

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

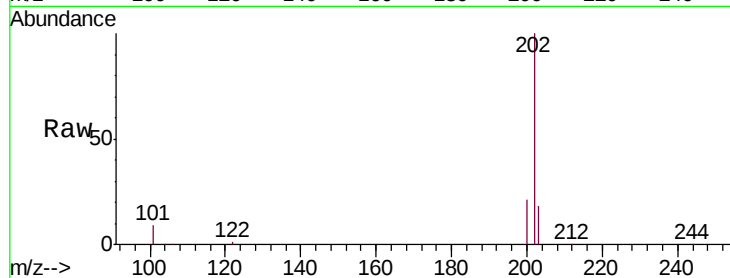
Tgt Ion:202 Resp: 47894

Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

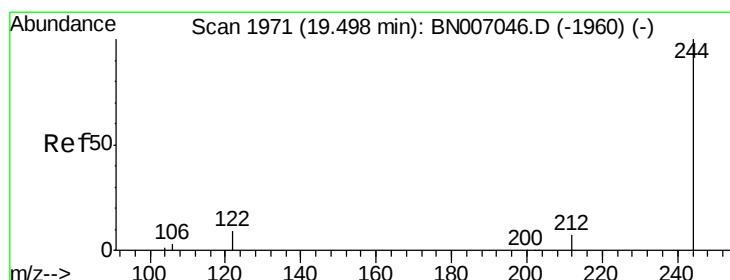
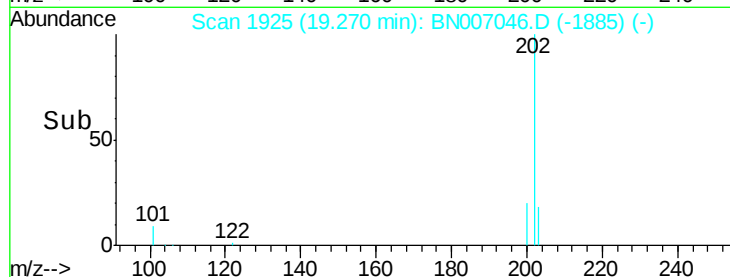
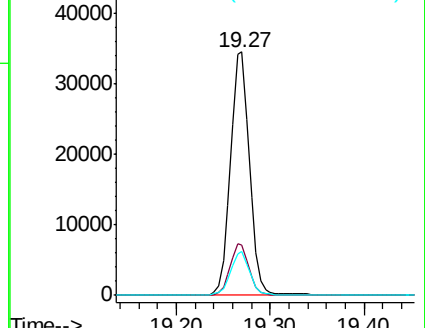
203 17.5 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#28

Terphenyl-d14

Concen: 0.362 ng

RT: 19.50 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BN007046.D

Acq: 10 Aug 2019 12:30

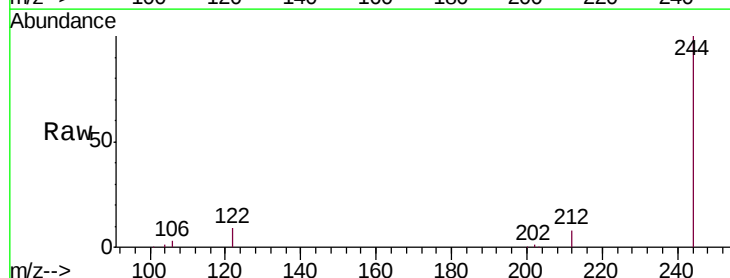
Tgt Ion:244 Resp: 37007

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

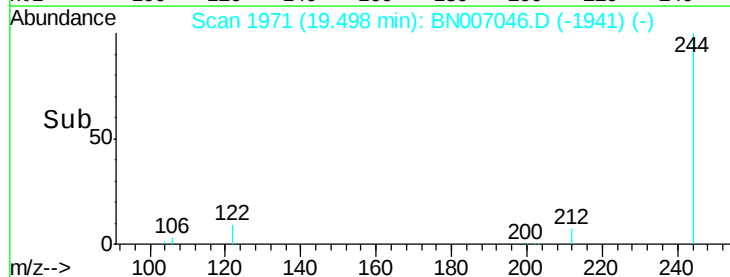
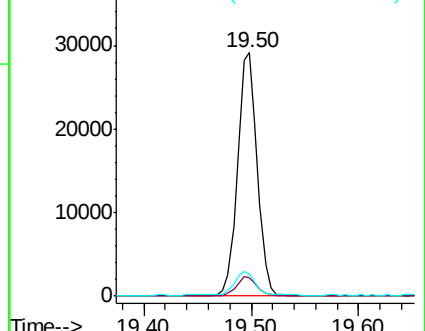
122 9.3 7.4 11.2

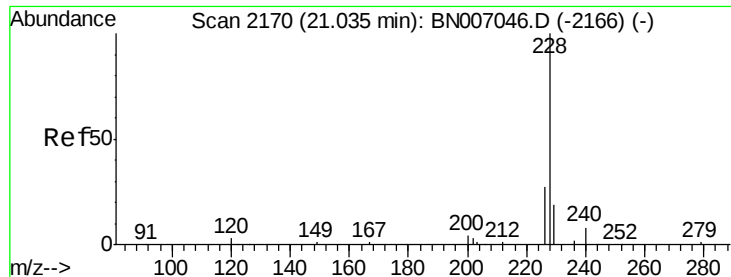


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Benzo(a)anthracene

Concen: 0.377 ng

RT: 21.03 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BN007046.D

Acq: 10 Aug 2019 12:30

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

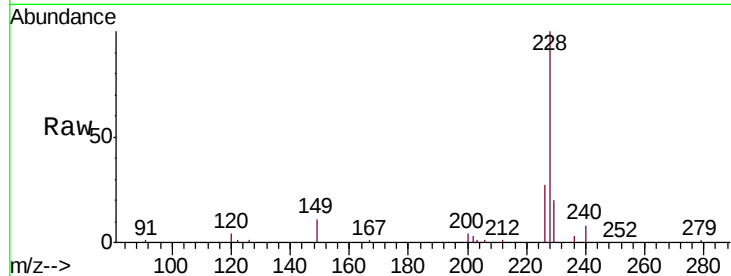
Tgt Ion:228 Resp: 50398

Ion Ratio Lower Upper

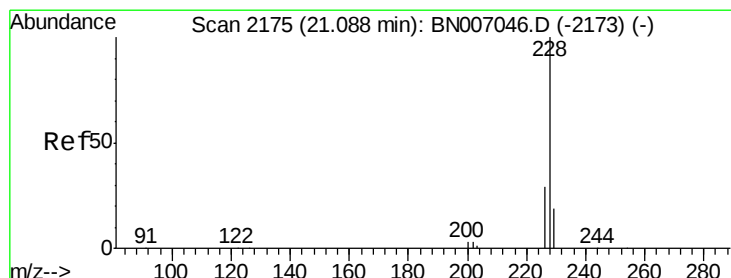
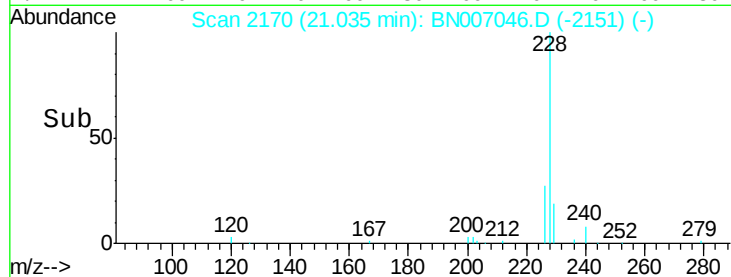
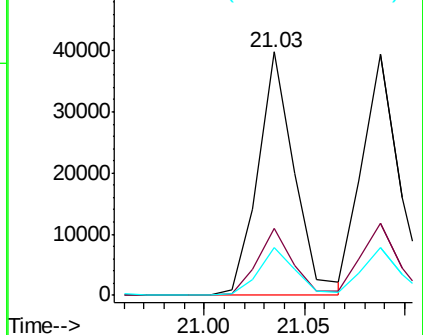
228 100

226 27.2 21.8 32.6

229 19.5 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: 0.364 ng

RT: 21.09 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BN007046.D

Acq: 10 Aug 2019 12:30

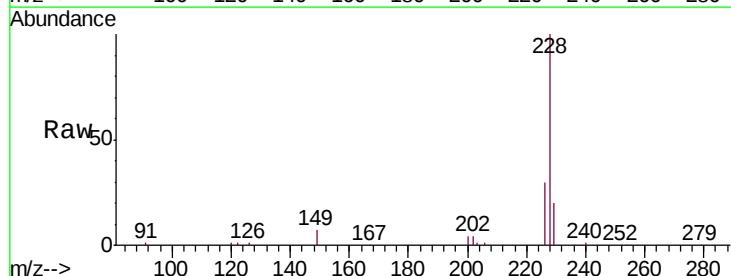
Tgt Ion:228 Resp: 48186

Ion Ratio Lower Upper

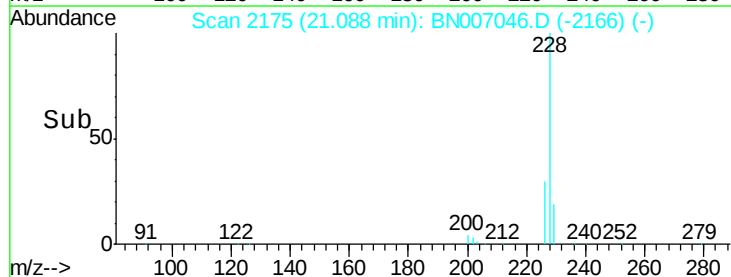
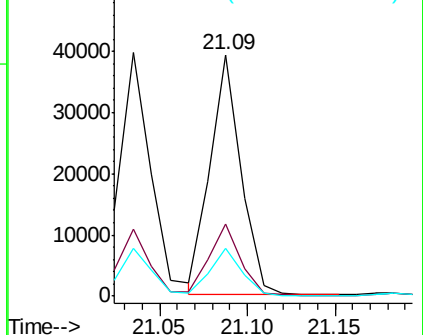
228 100

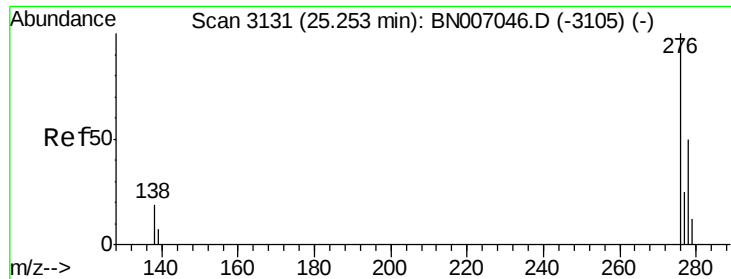
226 29.7 23.8 35.6

229 19.6 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: 0.369 ng

RT: 25.25 min Scan# 3131

Delta R.T. 0.00 min

Lab File: BN007046.D

Acq: 10 Aug 2019 12:30

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

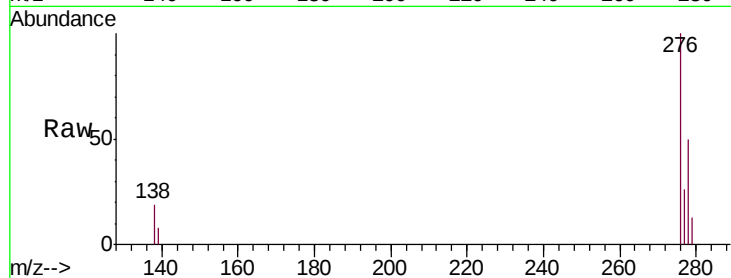
Tgt Ion:276 Resp: 52182

Ion Ratio Lower Upper

276 100

138 20.0 16.0 24.0

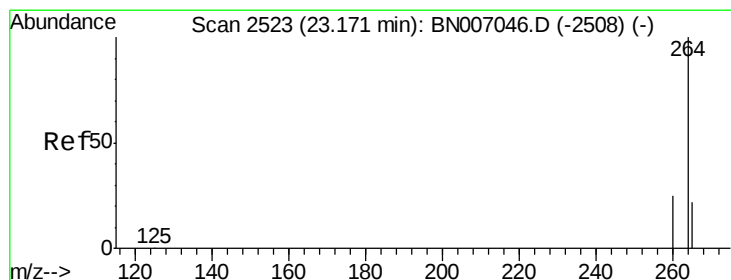
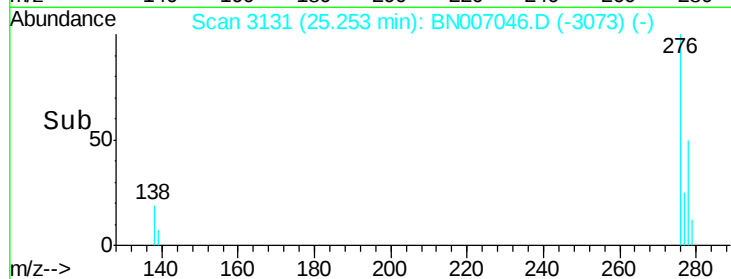
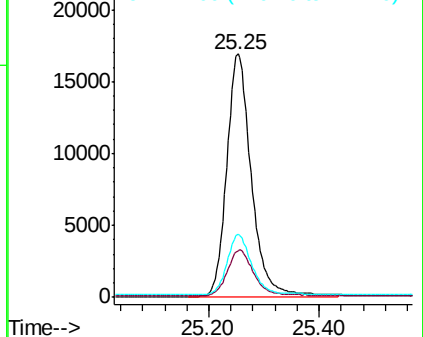
277 24.9 19.9 29.9



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: 23.17 min Scan# 2523

Delta R.T. 0.00 min

Lab File: BN007046.D

Acq: 10 Aug 2019 12:30

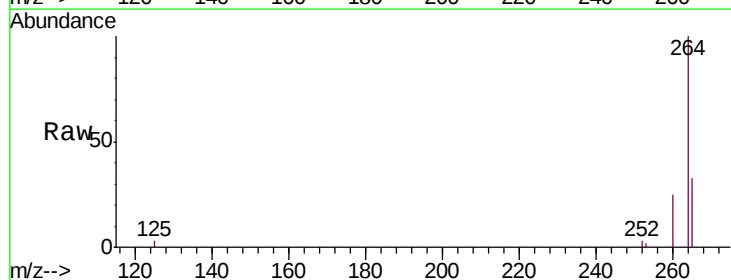
Tgt Ion:264 Resp: 35283

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.8

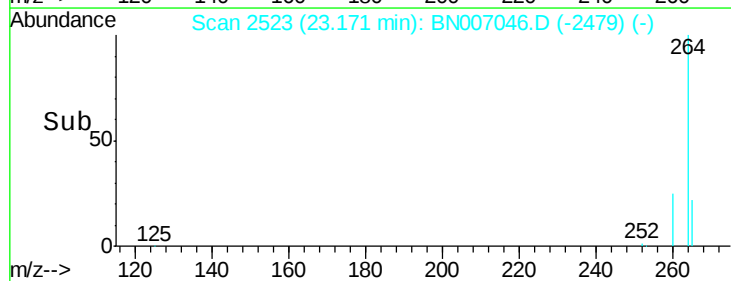
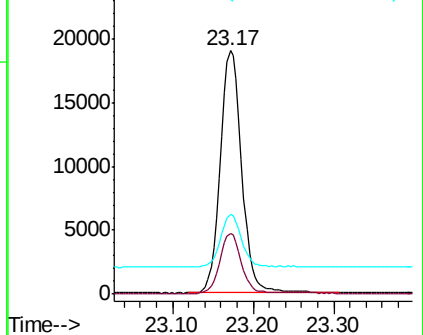
265 32.8 26.2 39.4

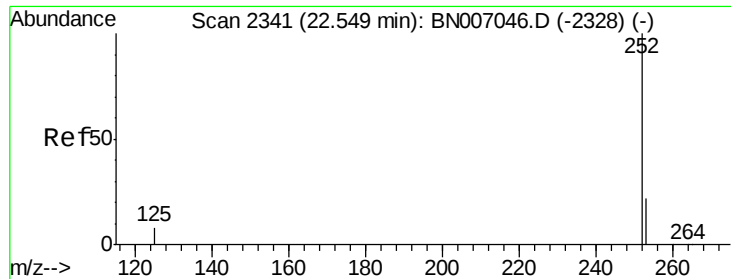


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.387 ng

RT: 22.55 min Scan# 2341

Delta R.T. 0.00 min

Lab File: BN007046.D

Acq: 10 Aug 2019 12:30

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

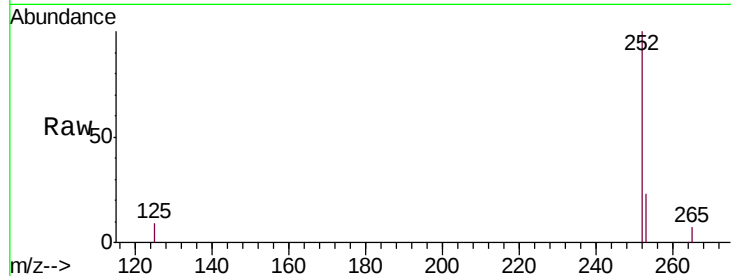
Tgt Ion:252 Resp: 47551

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

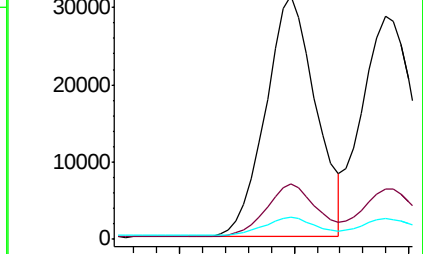
125 9.2 7.4 11.0



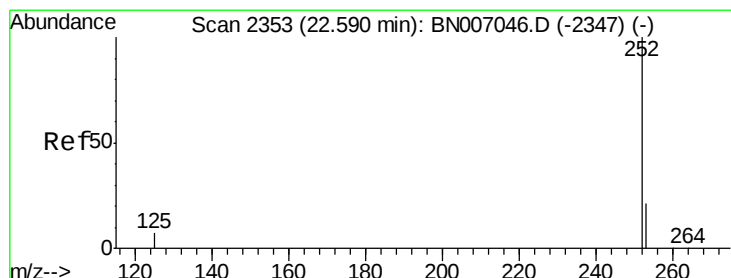
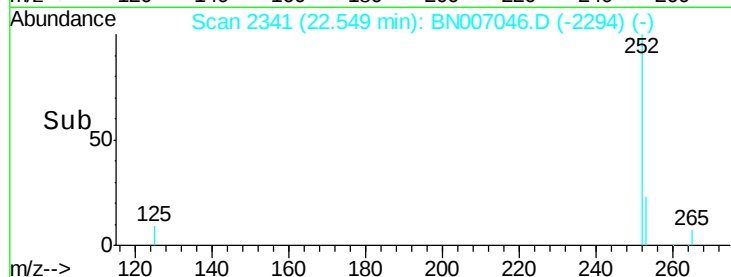
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#34

Benzo(k)fluoranthene

Concen: 0.389 ng

RT: 22.59 min Scan# 2353

Delta R.T. 0.00 min

Lab File: BN007046.D

Acq: 10 Aug 2019 12:30

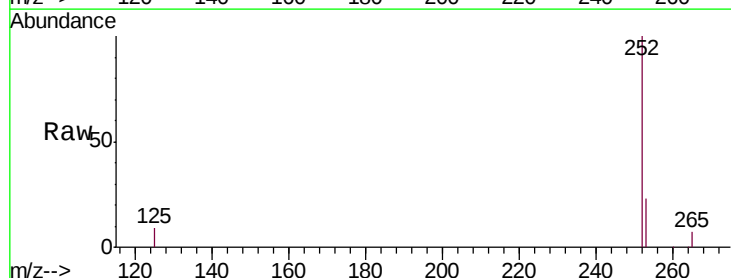
Tgt Ion:252 Resp: 47751

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

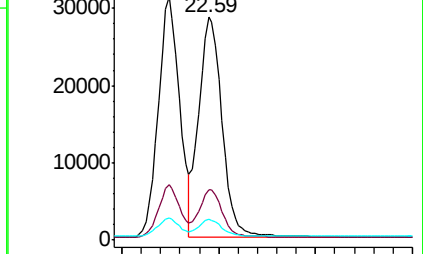
125 9.2 7.4 11.0



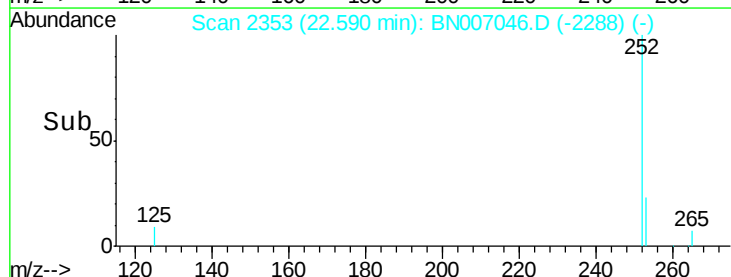
Abundance Ion 252.00 (251.70 to 252.70): E

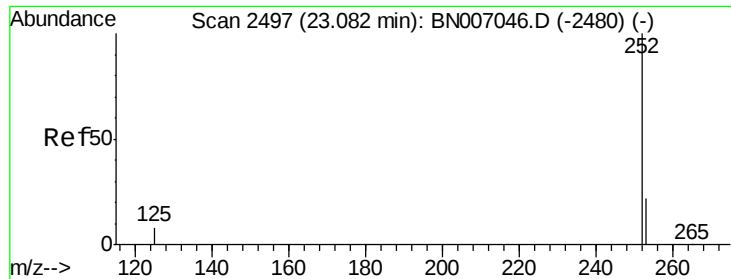
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#35

Benzo(a)pyrene

Concen: 0.381 ng

RT: 23.08 min Scan# 2497

Delta R.T. 0.00 min

Lab File: BN007046.D

Acq: 10 Aug 2019 12:30

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

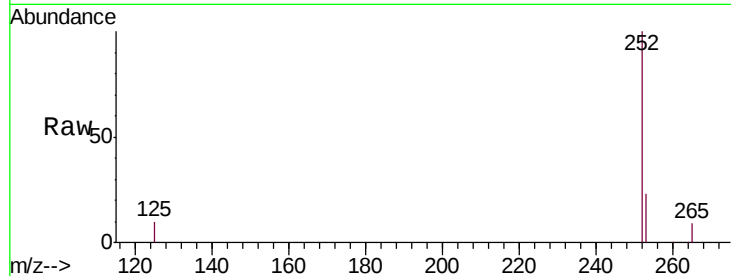
Tgt Ion:252 Resp: 42187

Ion Ratio Lower Upper

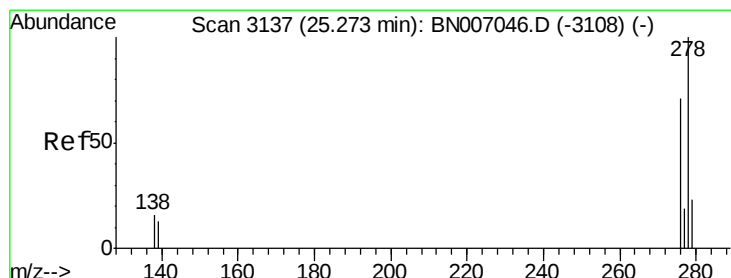
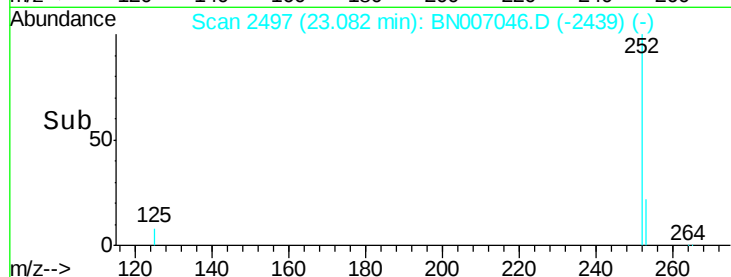
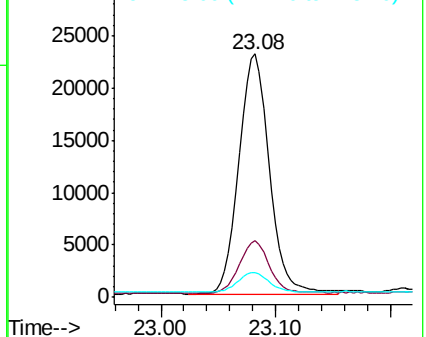
252 100

253 23.1 18.5 27.7

125 10.3 8.2 12.4



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



#36

Dibenzo(a,h)anthracene

Concen: 0.381 ng

RT: 25.27 min Scan# 3137

Delta R.T. 0.00 min

Lab File: BN007046.D

Acq: 10 Aug 2019 12:30

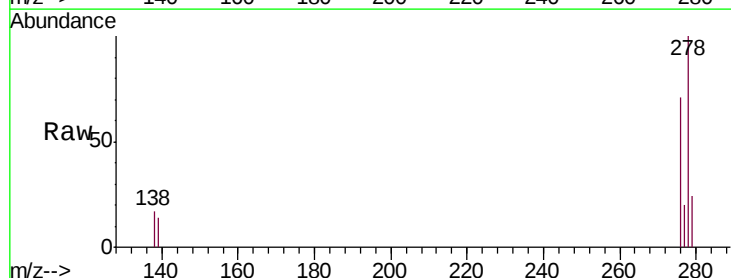
Tgt Ion:278 Resp: 42096

Ion Ratio Lower Upper

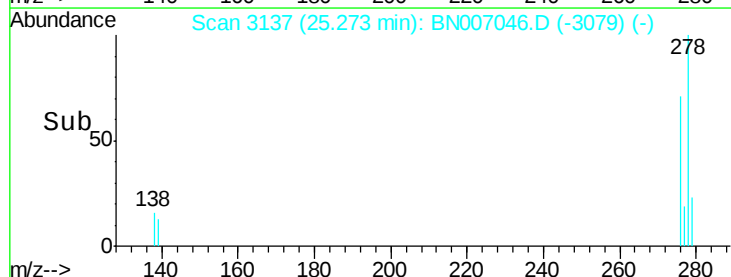
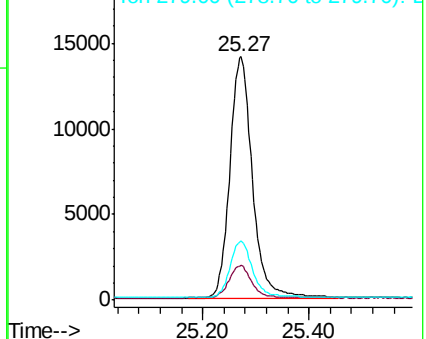
278 100

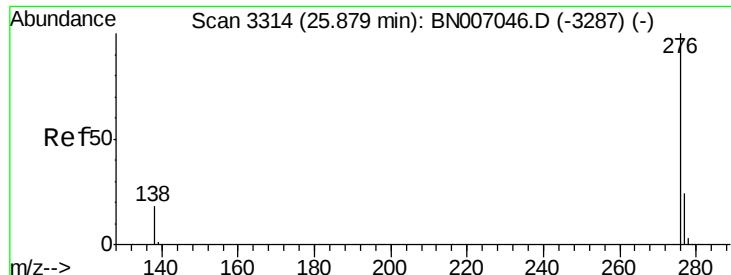
139 14.1 11.3 16.9

279 24.1 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: 0.385 ng

RT: 25.88 min Scan# 3314

Delta R.T. 0.00 min

Lab File: BN007046.D

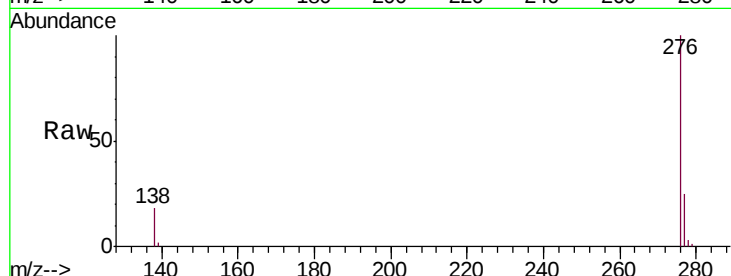
Acq: 10 Aug 2019 12:30

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4



Tgt Ion: 276 Resp: 44397

Ion Ratio Lower Upper

276 100

277 24.8 19.8 29.8

138 18.3 14.6 22.0

Abundance Ion 276.00 (275.70 to 276.70): E
 20000 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

