

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
 Data File : BN007071.D
 Acq On : 11 Aug 2019 04:59
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Aug 11 05:30:30 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	7757	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	29101	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	16571	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	39868	0.40	ng	0.00
26) Chrysene-d12	21.03	240	41301	0.40	ng	-0.02
32) Perylene-d12	23.15	264	43645	0.40	ng	-0.02

System Monitoring Compounds						
3) 2-Fluorophenol	5.06	112	7450	0.40	ng	0.00
4) Phenol-d6	6.61	99	9338	0.40	ng	0.00
7) Nitrobenzene-d5	8.56	82	8854	0.38	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	20135	0.37	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	2633	0.30	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	7957	0.33	ng	0.00
24) Fluoranthene-d10	18.87	212	49824	0.35	ng	0.00
28) Terphenyl-d14	19.49	244	43253	0.38	ng	-0.01

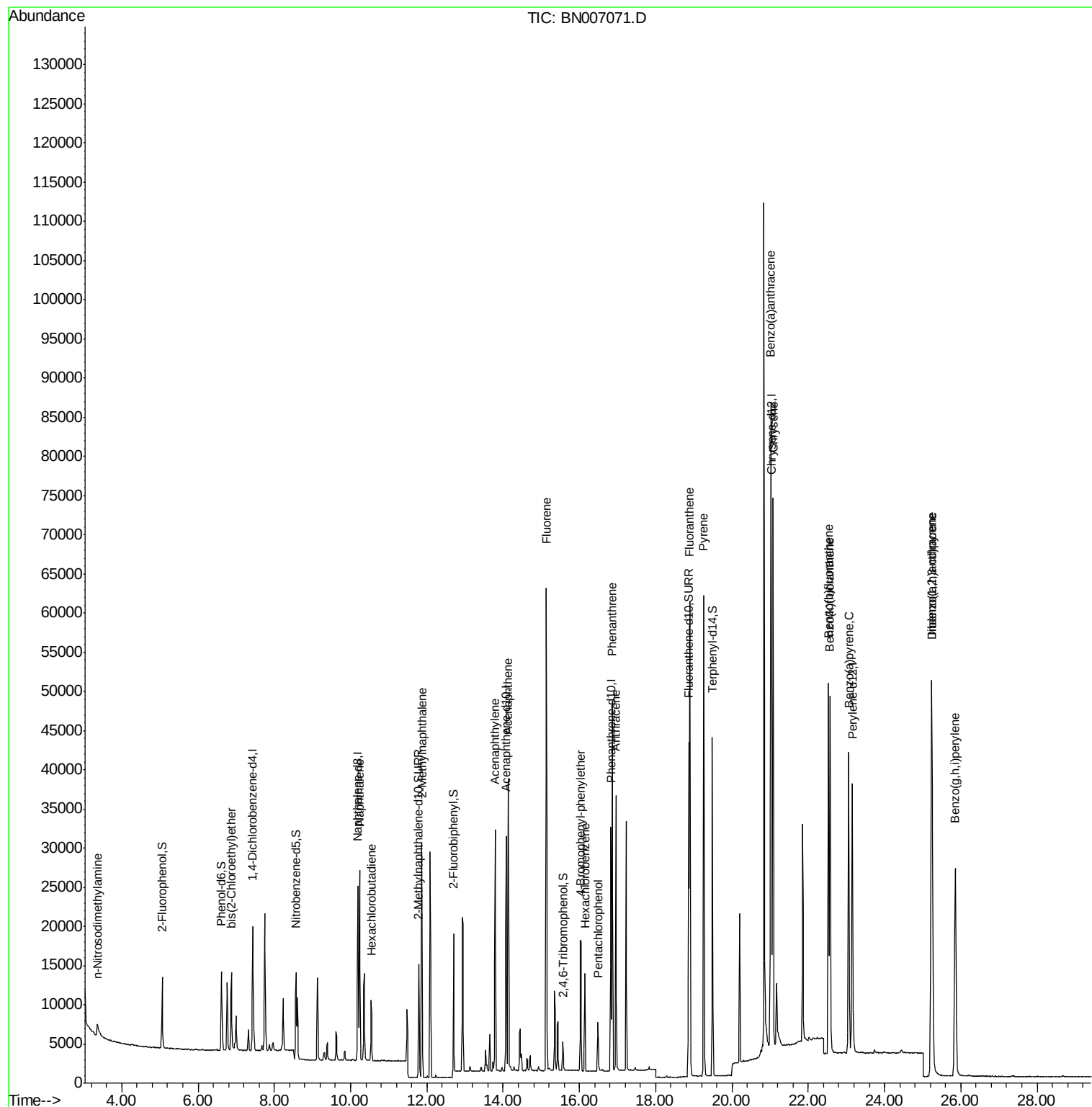
Target Compounds				Qvalue		
2) n-Nitrosodimethylamine	3.36	42	1828	0.358	ng	# 95
5) bis(2-Chloroethyl)ether	6.87	93	7826	0.383	ng	98
8) Naphthalene	10.24	128	30431	0.373	ng	99
9) Hexachlorobutadiene	10.54	225	6534	0.376	ng	# 100
11) 2-Methylnaphthalene	11.87	142	21489	0.372	ng	98
15) Acenaphthylene	13.79	152	33175	0.383	ng	100
16) Acenaphthene	14.13	154	21167	0.382	ng	98
17) Fluorene	15.13	166	27079	0.326	ng	100
19) 4-Bromophenyl-phenylether	16.04	248	9822	0.398	ng	93
20) Hexachlorobenzene	16.14	284	9513	0.401	ng	100
21) Pentachlorophenol	16.48	266	3086	0.349	ng	97
22) Phenanthrene	16.87	178	45737	0.383	ng	100
23) Anthracene	16.96	178	40787	0.374	ng	100
25) Fluoranthene	18.90	202	54811	0.359	ng	100
27) Pyrene	19.26	202	55823	0.385	ng	100
29) Benzo(a)anthracene	21.02	228	57435	0.380	ng	100
30) Chrysene	21.08	228	58275	0.397	ng	99
31) Indeno(1,2,3-cd)pyrene	25.23	276	65136	0.403	ng	99
33) Benzo(b)fluoranthene	22.53	252	58020	0.388	ng	100
34) Benzo(k)fluoranthene	22.57	252	56724	0.384	ng	100
35) Benzo(a)pyrene	23.06	252	52228	0.385	ng	99
36) Dibenzo(a,h)anthracene	25.25	278	53325	0.394	ng	100
37) Benzo(g,h,i)perylene	25.85	276	54053	0.388	ng	99

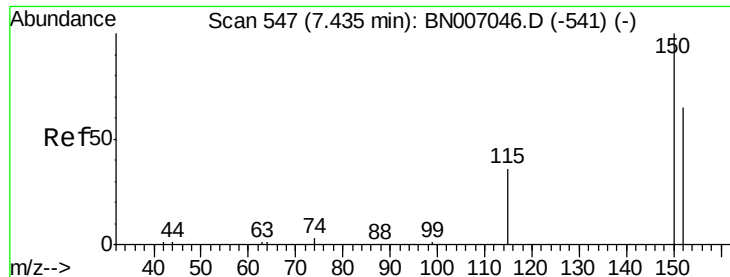
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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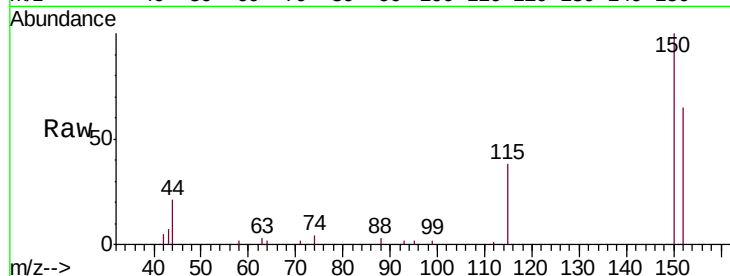


#1

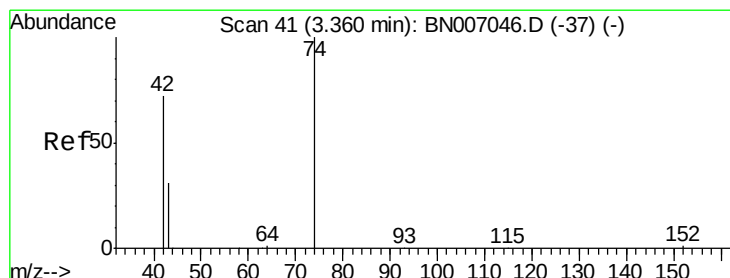
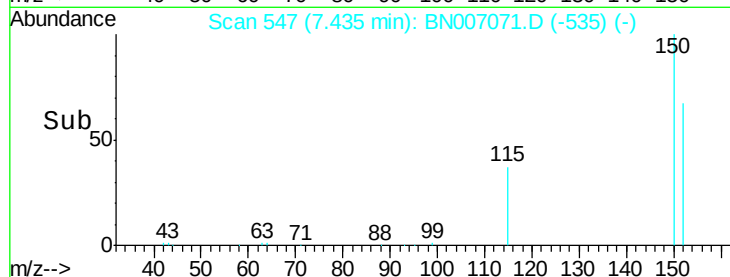
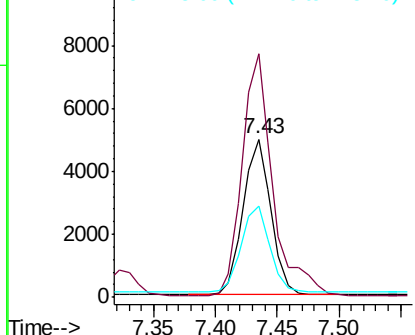
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007071.D
Acq: 11 Aug 2019 04:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 7757
Ion Ratio Lower Upper
152 100
150 153.8 121.7 182.5
115 58.0 46.2 69.4



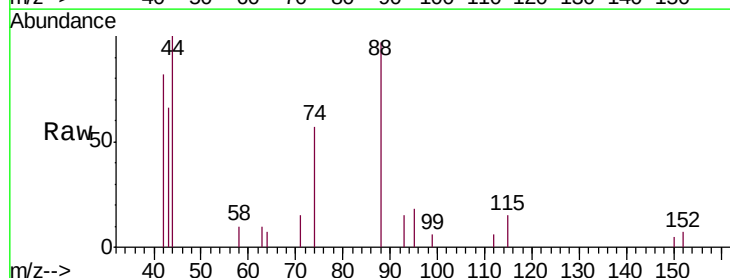
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



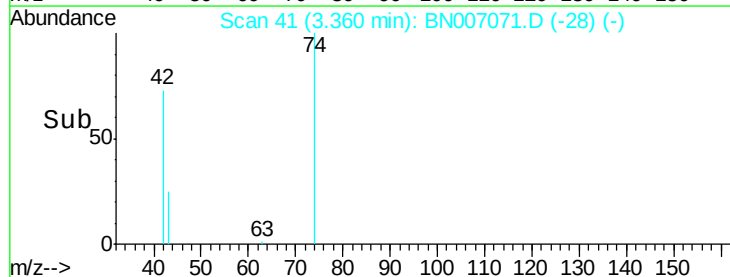
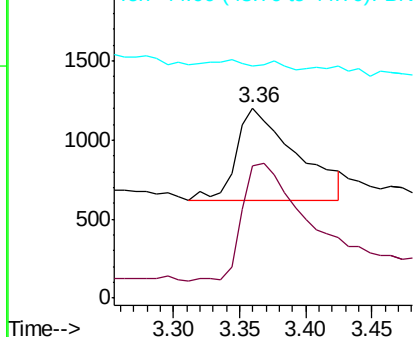
#2

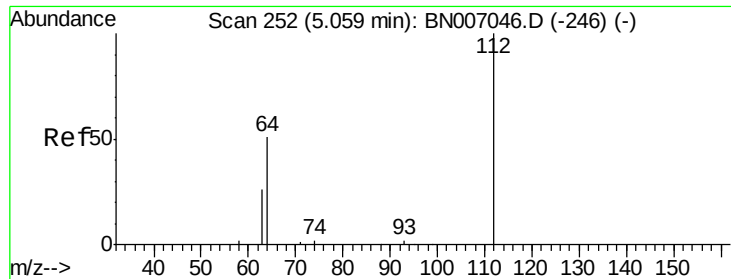
n-Nitrosodimethylamine
Concen: 0.358 ng
RT: 3.36 min Scan# 41
Delta R.T. 0.00 min
Lab File: BN007071.D
Acq: 11 Aug 2019 04:59

Tgt Ion: 42 Resp: 1828
Ion Ratio Lower Upper
42 100
74 132.8 110.6 166.0
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

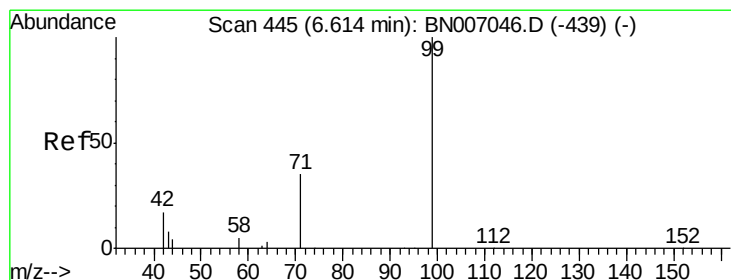
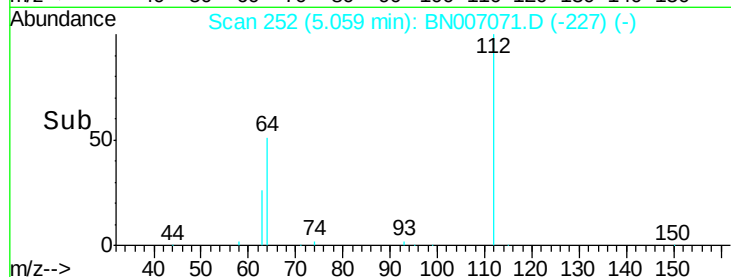
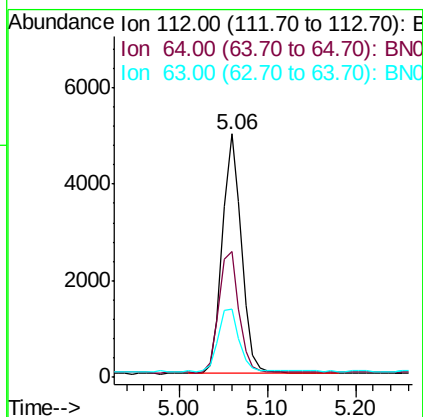
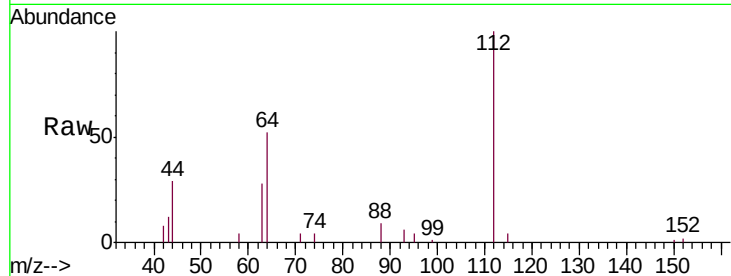




#3
2-Fluorophenol
Concen: 0.400 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007071.D
Acq: 11 Aug 2019 04:59

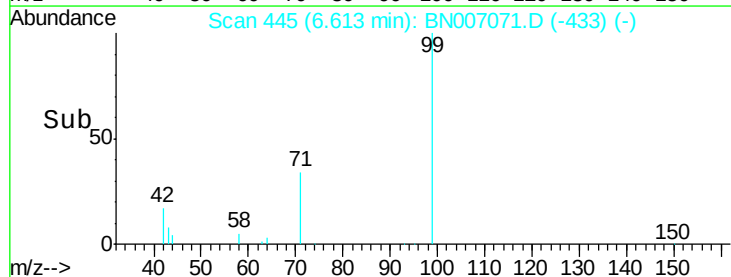
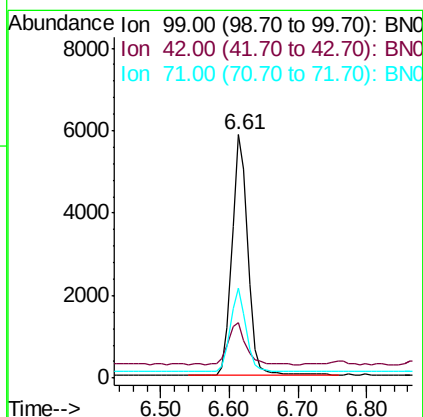
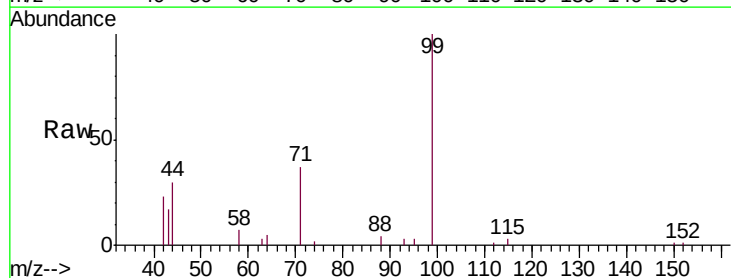
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

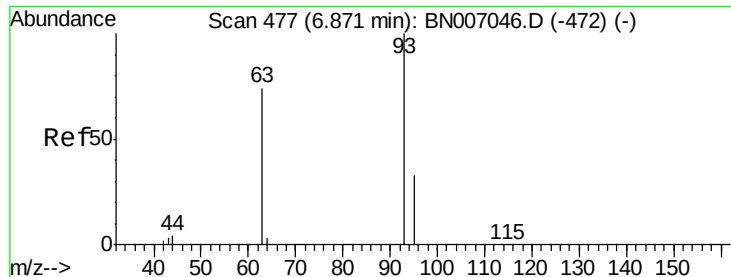
Tgt Ion: 112 Resp: 7450
Ion Ratio Lower Upper
112 100
64 52.4 42.6 63.8
63 27.7 22.2 33.2



#4
Phenol-d6
Concen: 0.404 ng
RT: 6.61 min Scan# 445
Delta R.T. -0.00 min
Lab File: BN007071.D
Acq: 11 Aug 2019 04:59

Tgt Ion: 99 Resp: 9338
Ion Ratio Lower Upper
99 100
42 19.0 15.8 23.6
71 33.9 27.0 40.4





#5

bis(2-Chloroethyl)ether

Concen: 0.383 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.00 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

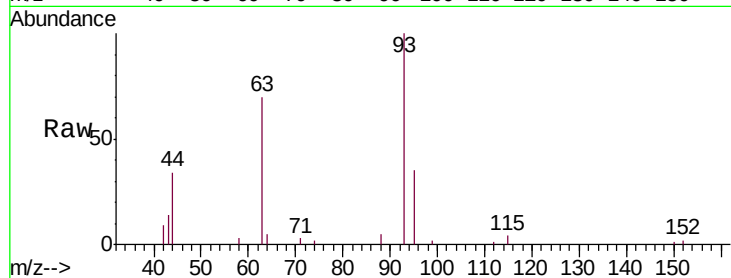
Tgt Ion: 93 Resp: 7826

Ion Ratio Lower Upper

93 100

63 71.4 55.6 83.4

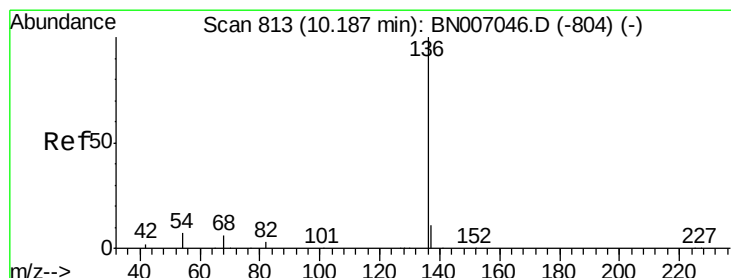
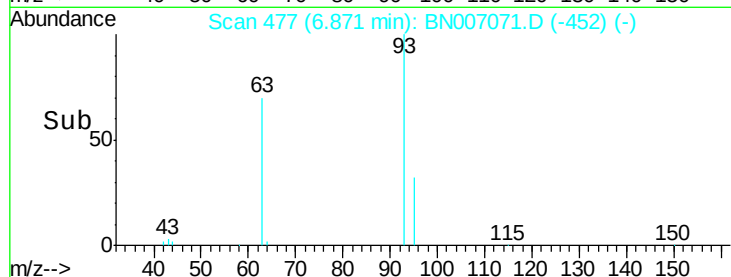
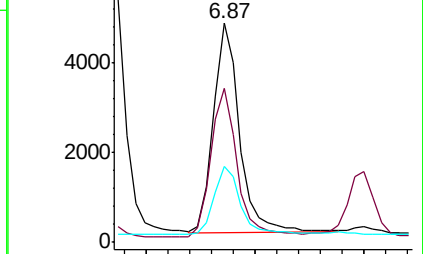
95 33.6 26.7 40.1



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: BN007071.D

Acq: 11 Aug 2019 04:59

Tgt Ion: 136 Resp: 29101

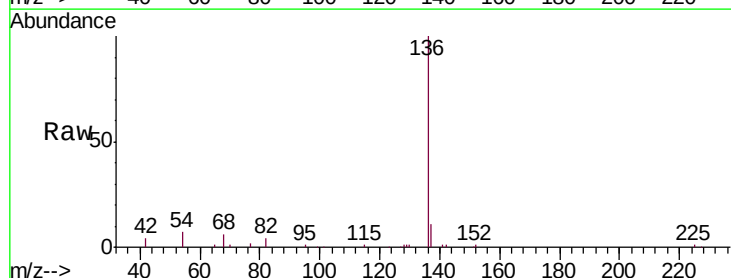
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.0

54 6.9 6.6 9.8

68 6.3 6.0 9.0

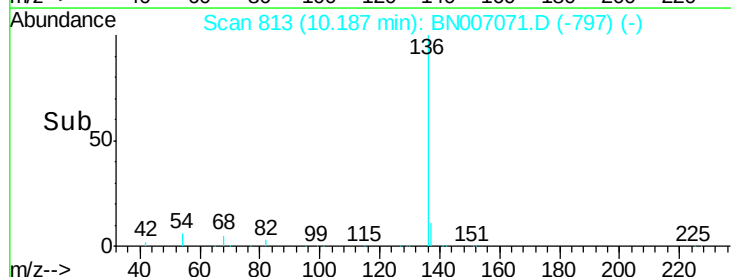
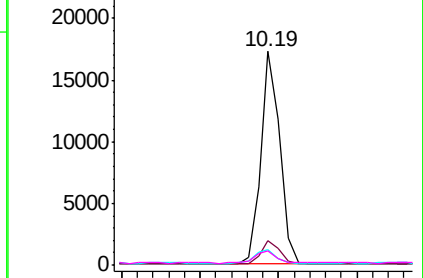


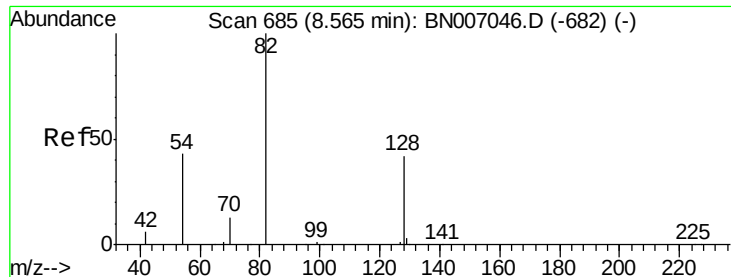
Abundance Ion 136.00 (135.70 to 136.70): BN007046.D (-804) (-)

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: 0.377 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

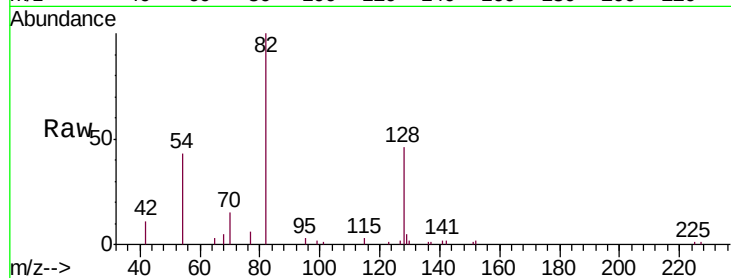
Tgt Ion: 82 Resp: 8854

Ion Ratio Lower Upper

82 100

128 45.9 34.6 51.8

54 43.1 36.2 54.4

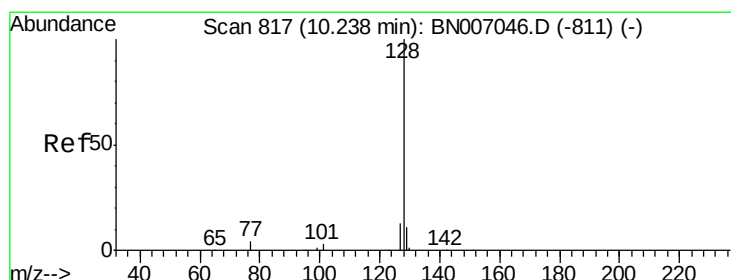
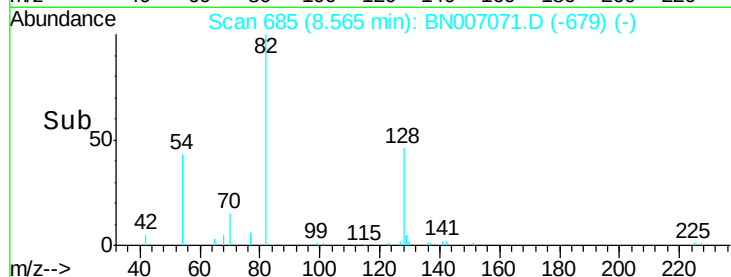


Abundance Ion 82.00 (81.70 to 82.70): BN007046.D (-682) (-)

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: 0.373 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

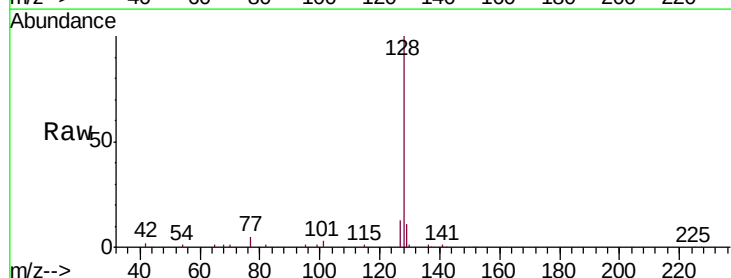
Tgt Ion: 128 Resp: 30431

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

127 13.3 11.0 16.6

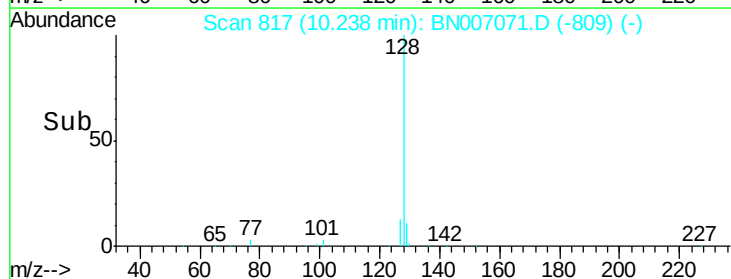


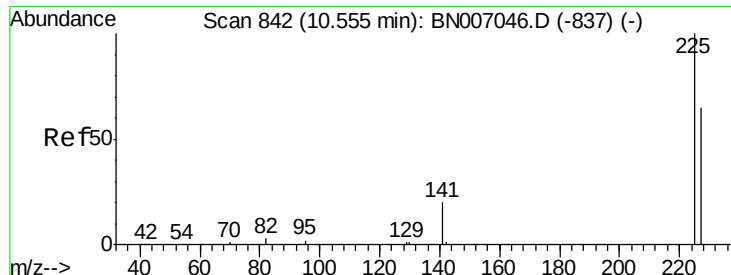
Abundance Ion 128.00 (127.70 to 128.70): BN007046.D (-811) (-)

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: 0.376 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

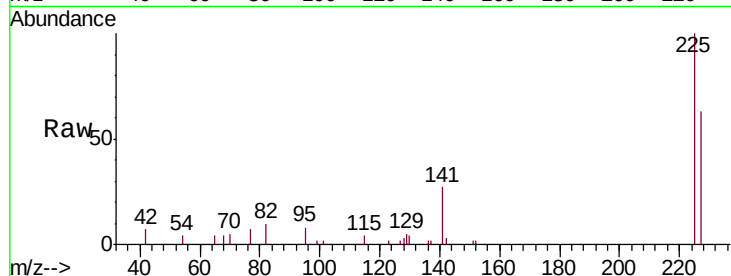
Tgt Ion:225 Resp: 6534

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

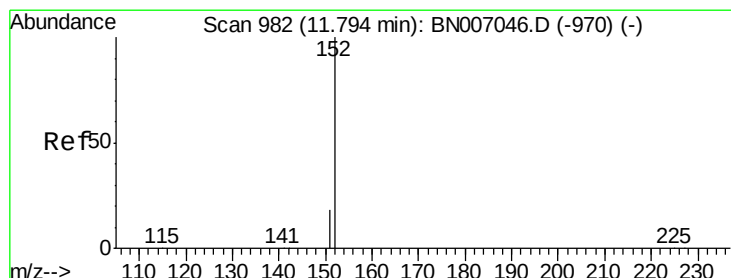
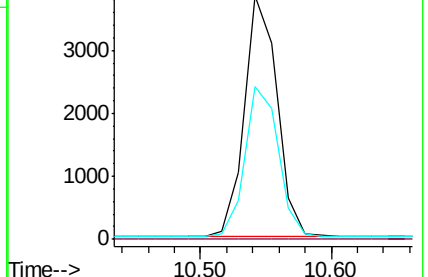
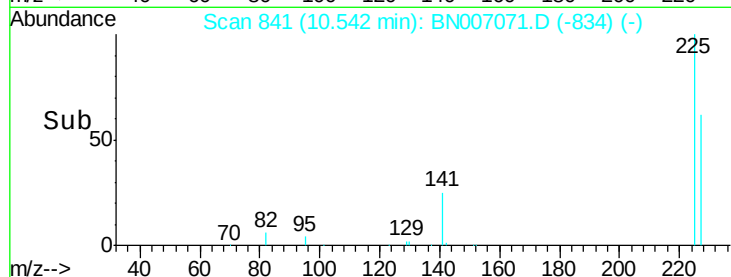
227 63.9 51.1 76.7



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: 0.371 ng

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007071.D

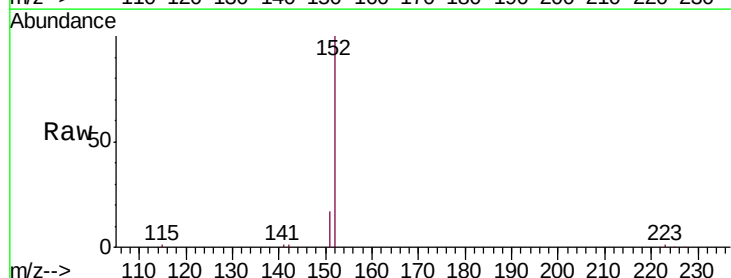
Acq: 11 Aug 2019 04:59

Tgt Ion:152 Resp: 20135

Ion Ratio Lower Upper

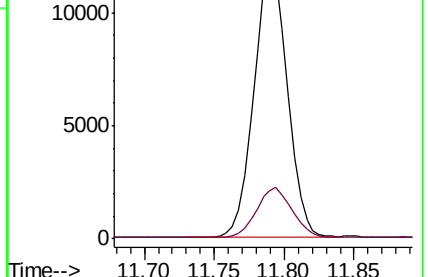
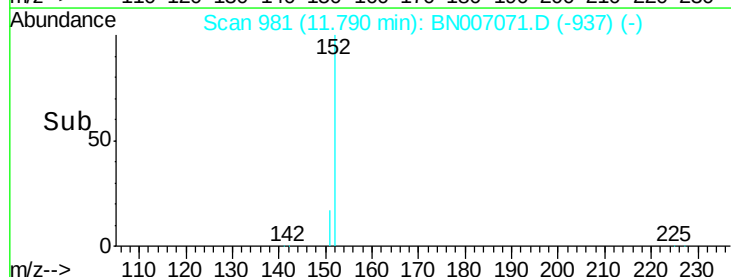
152 100

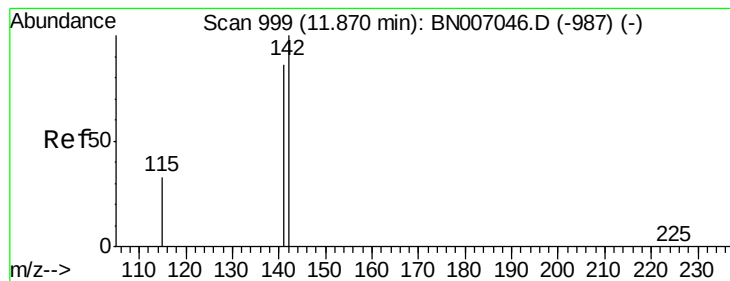
151 19.4 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.372 ng

RT: 11.87 min Scan# 998

Delta R.T. -0.00 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Instrument :

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SSTDCCC0.4EC

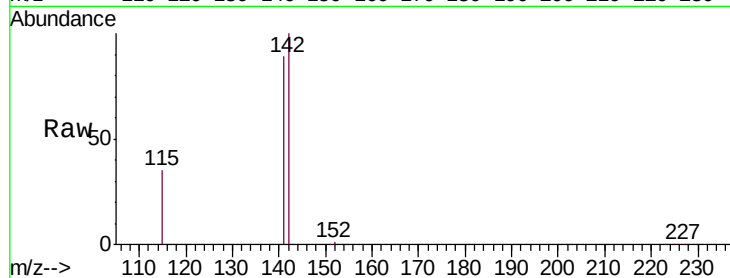
Tgt Ion:142 Resp: 21489

Ion Ratio Lower Upper

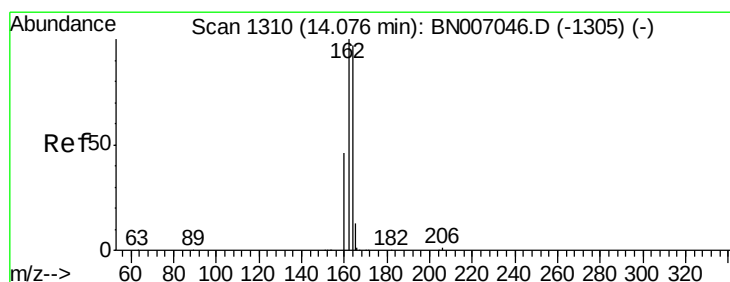
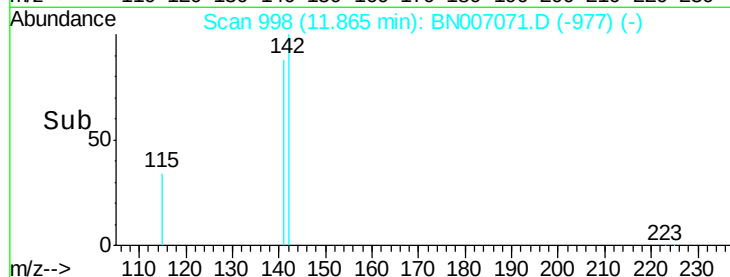
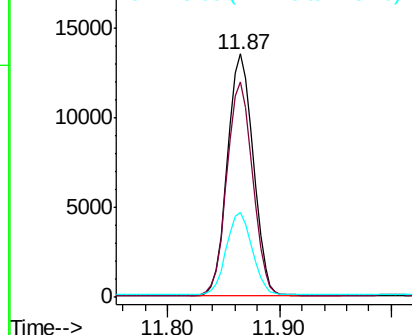
142 100

141 88.6 69.0 103.6

115 34.7 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: BN007071.D

Acq: 11 Aug 2019 04:59

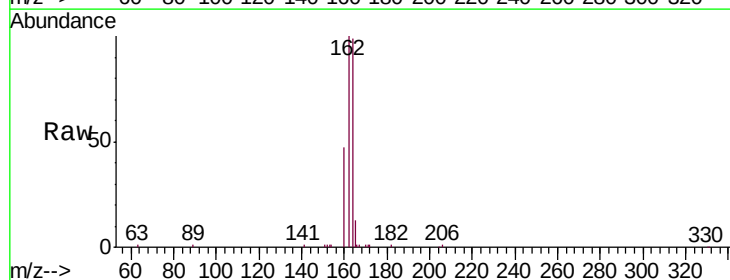
Tgt Ion:164 Resp: 16571

Ion Ratio Lower Upper

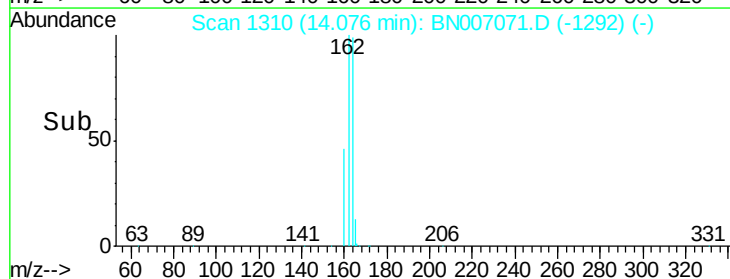
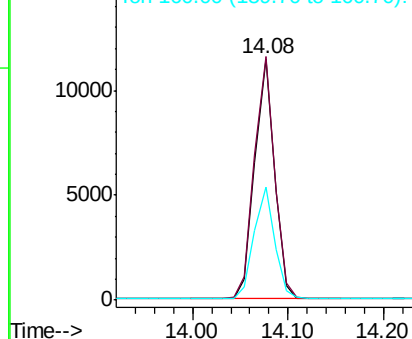
164 100

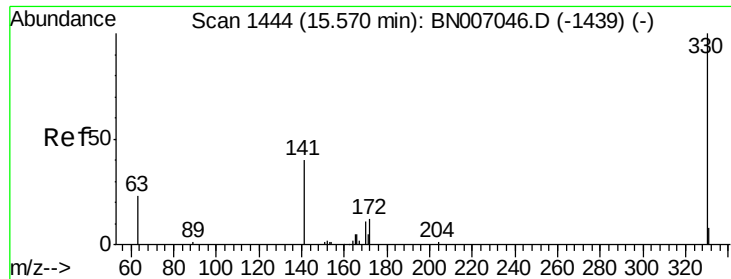
162 100.8 82.2 123.4

160 46.9 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

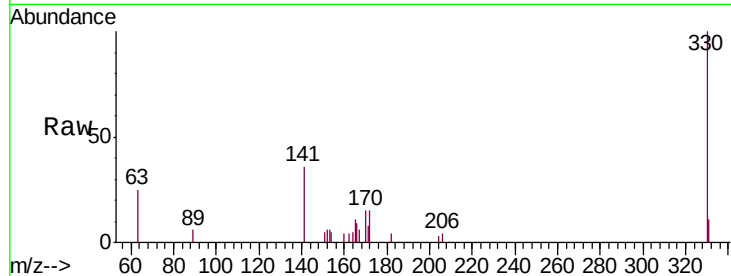




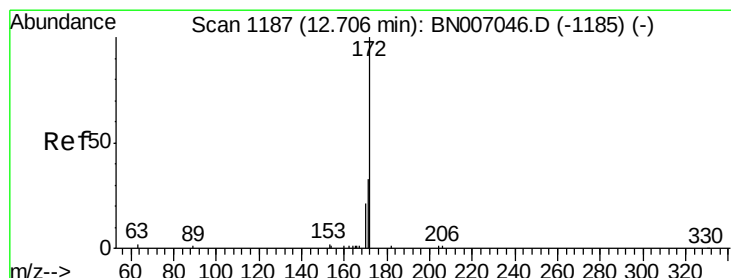
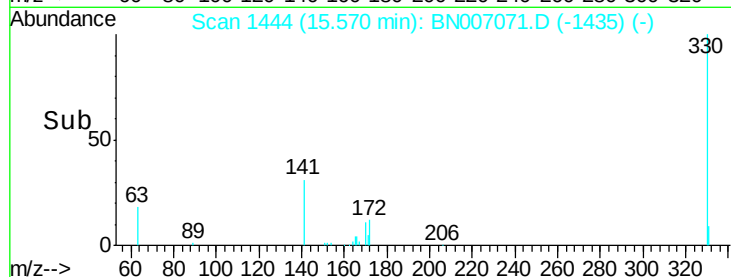
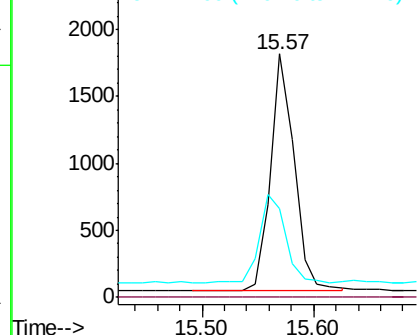
#13
 2,4,6-Tribromophenol
 Concen: 0.295 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007071.D
 Acq: 11 Aug 2019 04:59

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 330 Resp: 2633
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 41.5 33.6 50.4

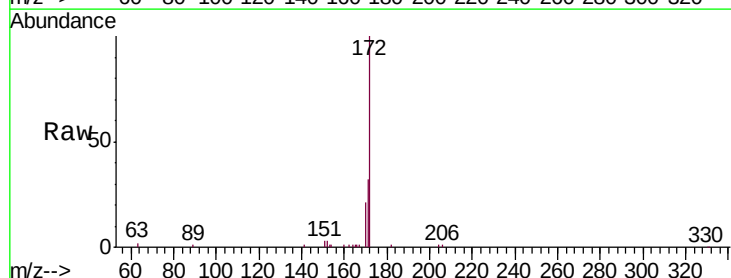


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

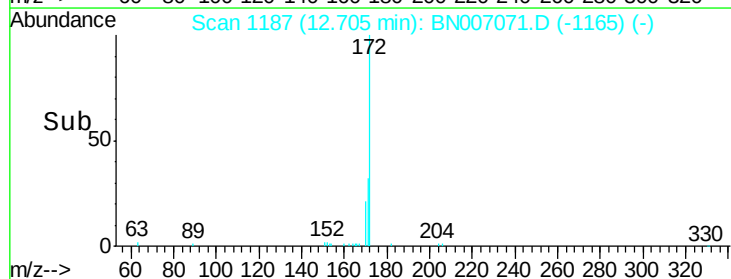
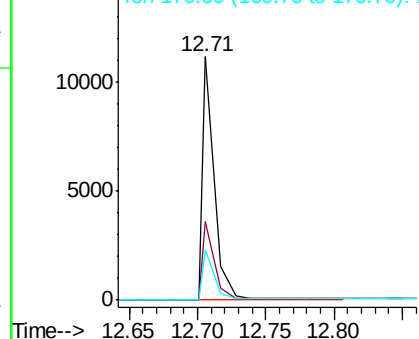


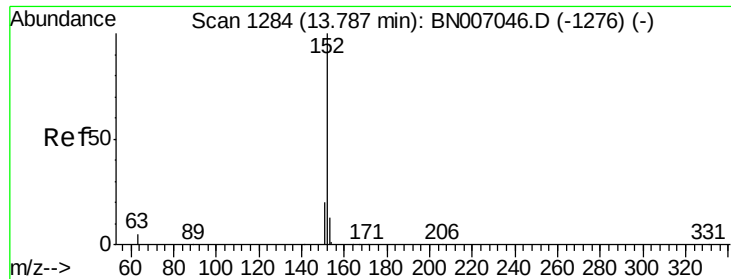
#14
 2-Fluorobiphenyl
 Concen: 0.330 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007071.D
 Acq: 11 Aug 2019 04:59

Tgt Ion: 172 Resp: 7957
 Ion Ratio Lower Upper
 172 100
 171 32.4 26.3 39.5
 170 20.5 17.0 25.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 0.383 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Instrument :

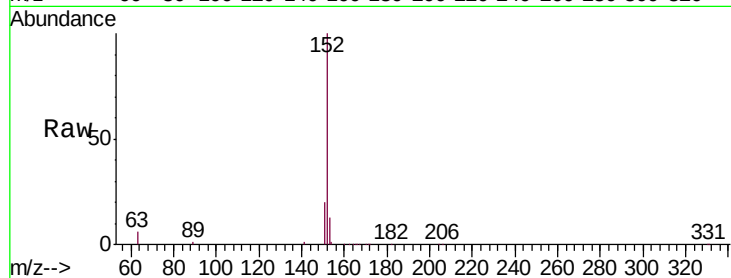
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:152 Resp: 33175

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	12.8	10.4	15.6

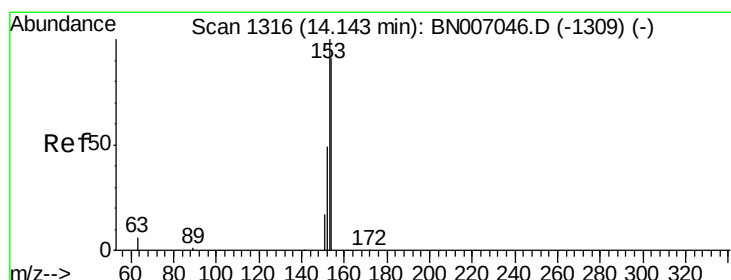
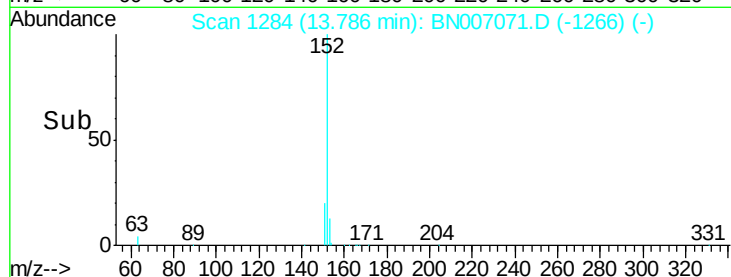
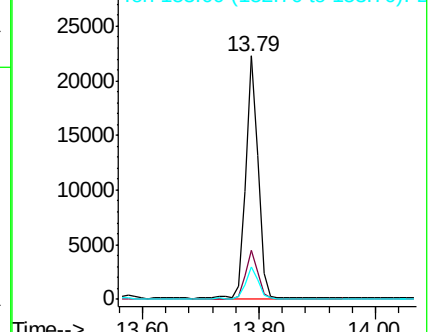


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.382 ng

RT: 14.13 min Scan# 1315

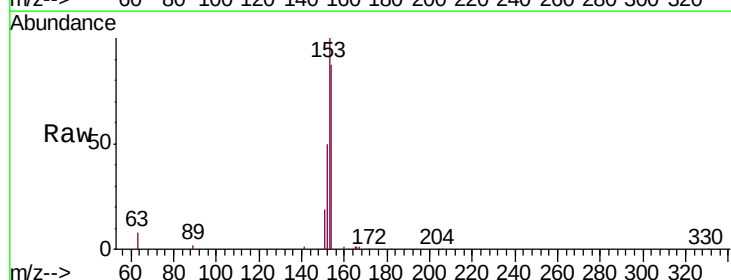
Delta R.T. -0.01 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Tgt Ion:154 Resp: 21167

Ion	Ratio	Lower	Upper
154	100		
153	110.2	89.5	134.3
152	54.2	44.8	67.2

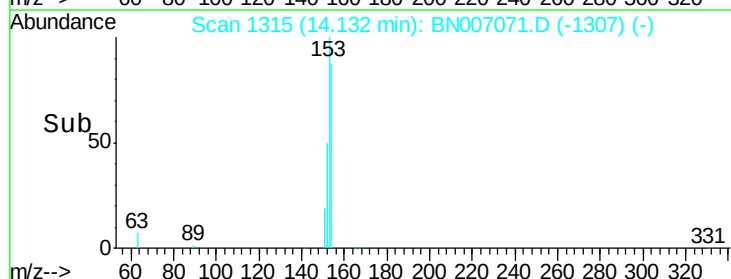
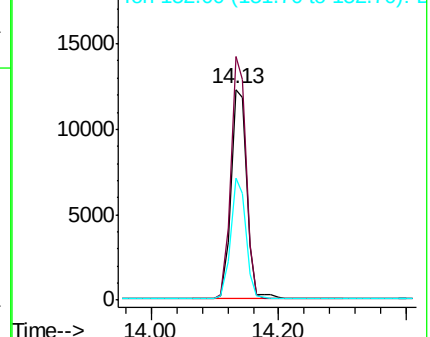


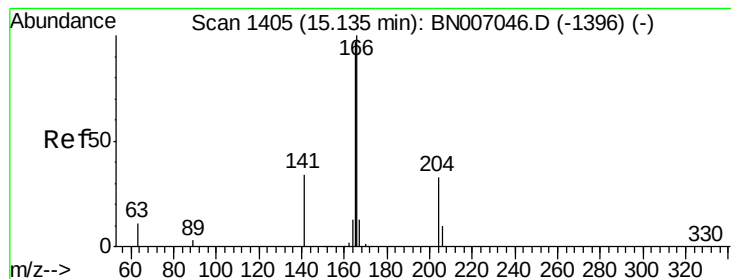
Abundance

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: 0.326 ng

RT: 15.13 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

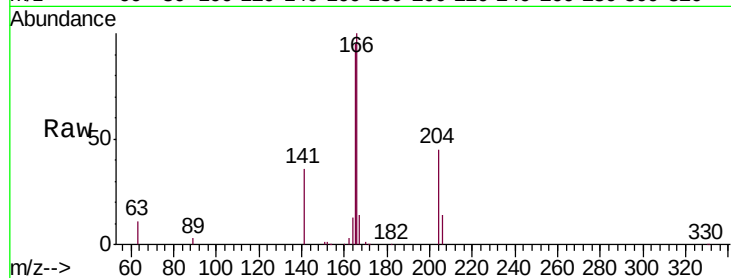
Tgt Ion:166 Resp: 27079

Ion Ratio Lower Upper

166 100

165 97.4 77.9 116.9

167 13.8 10.9 16.3

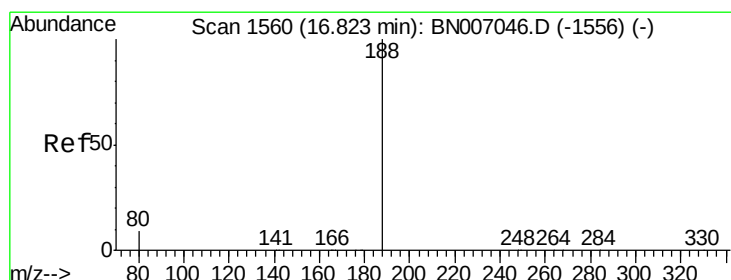
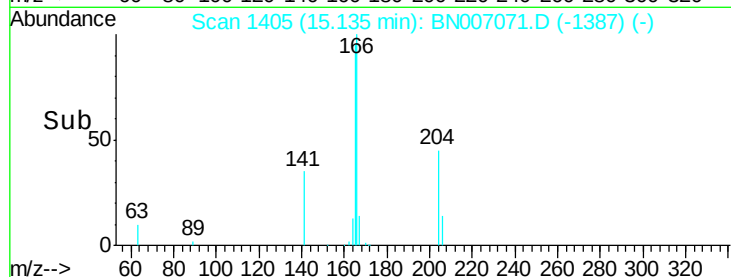
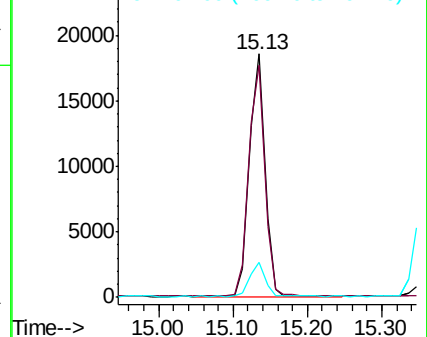


Abundance

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: BN007071.D

Acq: 11 Aug 2019 04:59

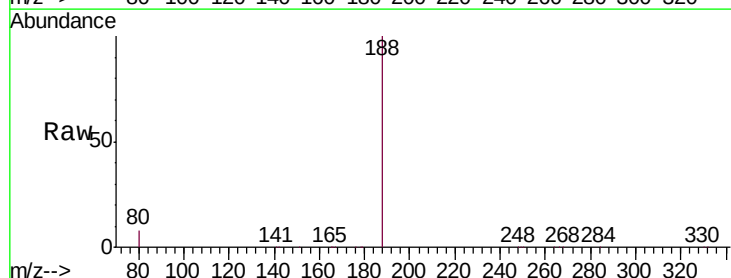
Tgt Ion:188 Resp: 39868

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.4 7.8 11.6

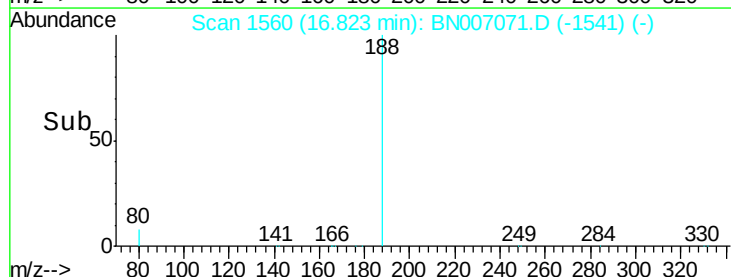
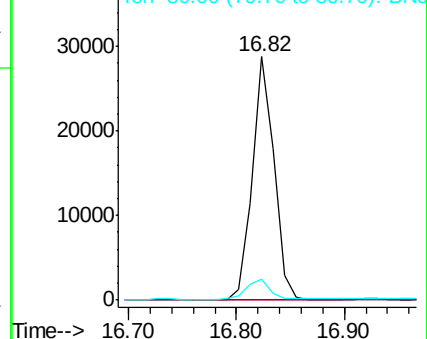


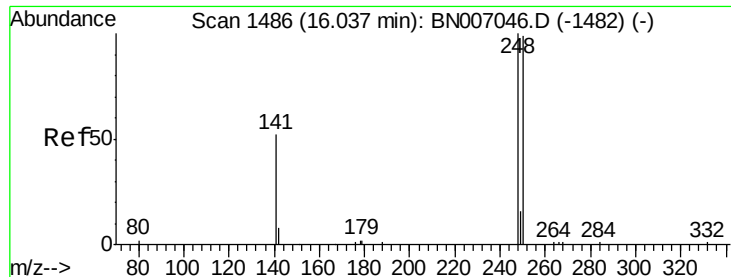
Abundance

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: 0.398 ng

RT: 16.04 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

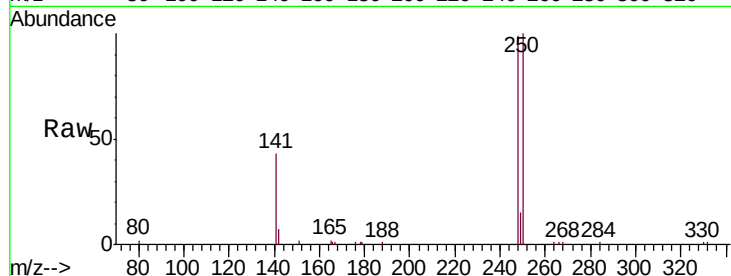
Tgt Ion:248 Resp: 9822

Ion Ratio Lower Upper

248 100

250 101.0 78.9 118.3

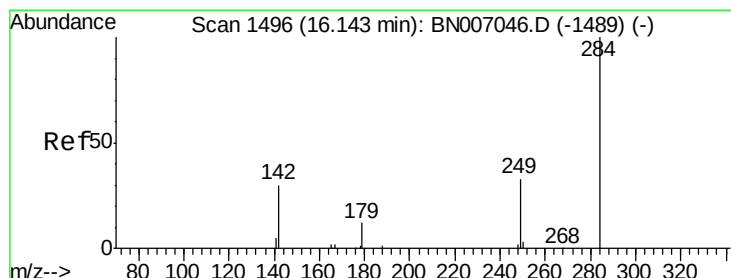
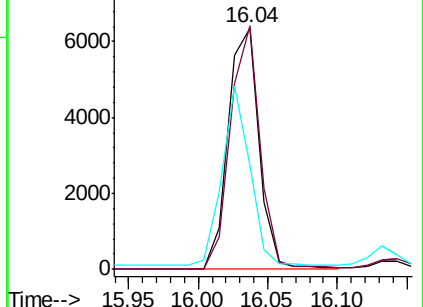
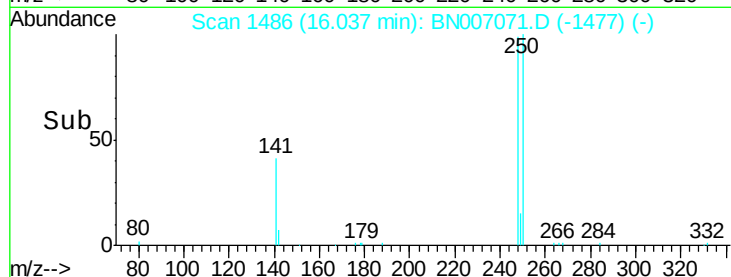
141 43.4 43.3 64.9



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: 0.401 ng

RT: 16.14 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

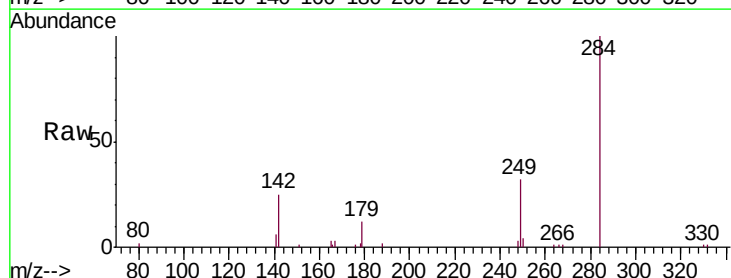
Tgt Ion:284 Resp: 9513

Ion Ratio Lower Upper

284 100

142 38.5 30.5 45.7

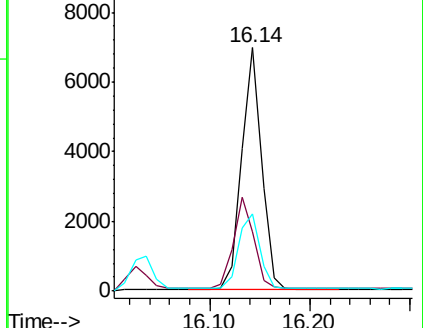
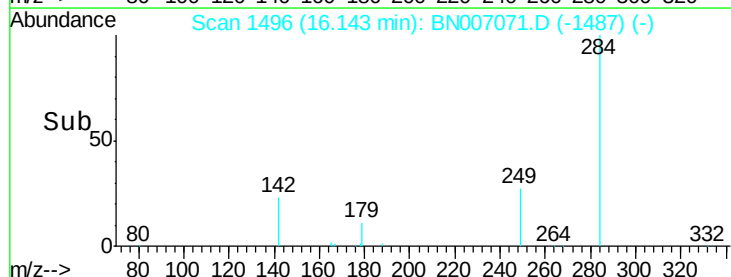
249 33.4 26.7 40.1

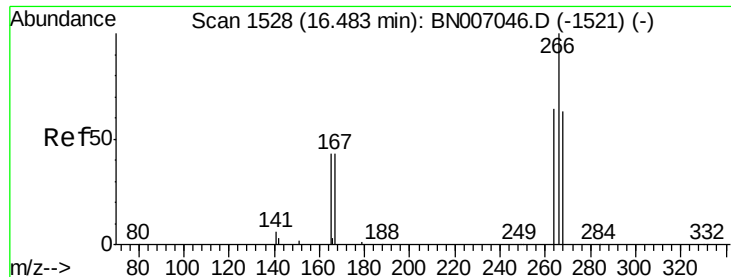


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

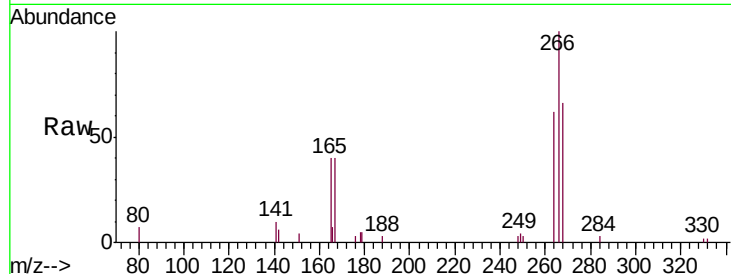




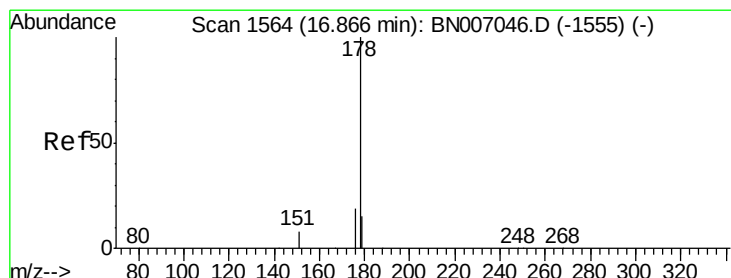
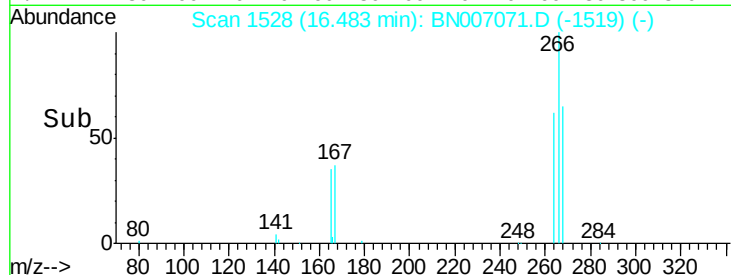
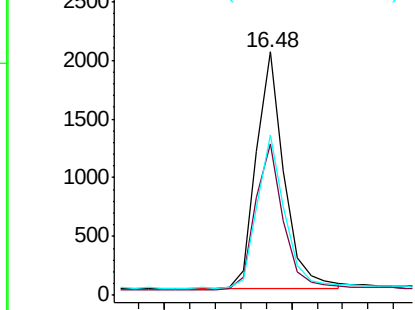
#21
 Pentachlorophenol
 Concen: 0.349 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007071.D
 Acq: 11 Aug 2019 04:59

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4EC

Tgt Ion: 266 Resp: 3086
 Ion Ratio Lower Upper
 266 100
 264 62.3 52.3 78.5
 268 65.8 51.5 77.3

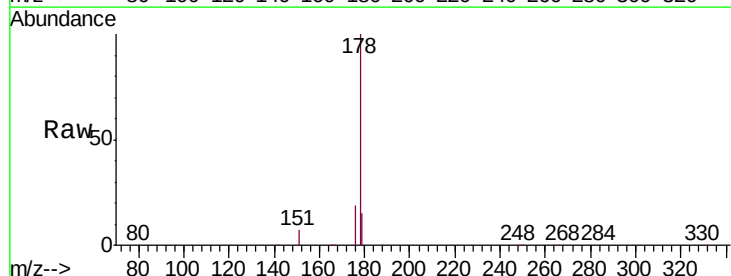


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

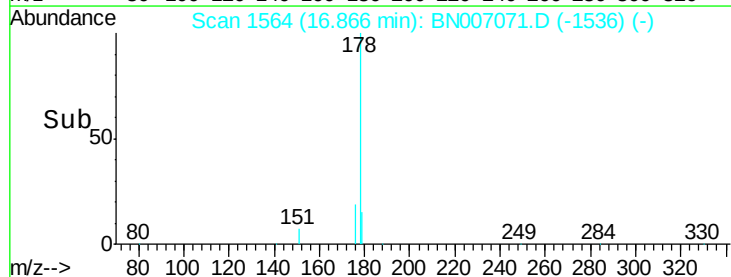
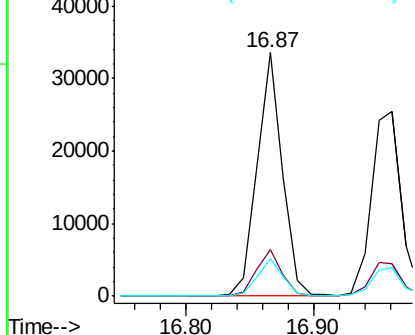


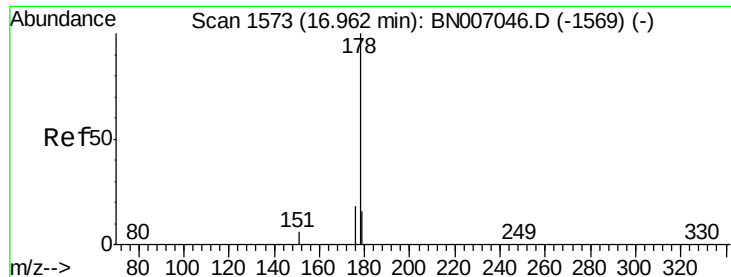
#22
 Phenanthrene
 Concen: 0.383 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007071.D
 Acq: 11 Aug 2019 04:59

Tgt Ion: 178 Resp: 45737
 Ion Ratio Lower Upper
 178 100
 176 18.8 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: 0.374 ng

RT: 16.96 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

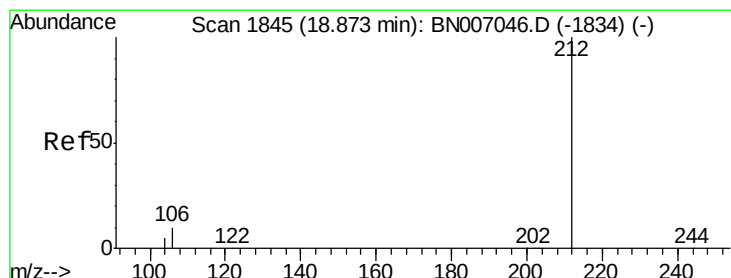
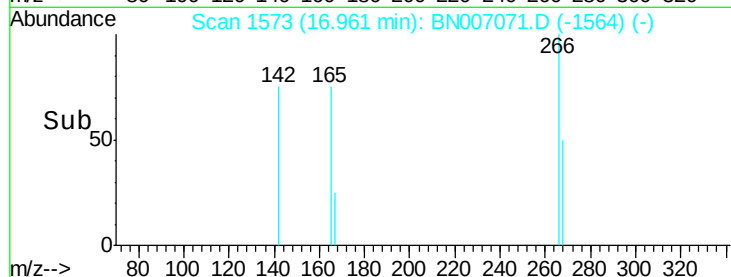
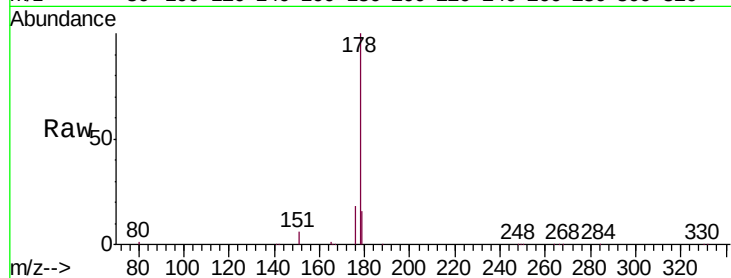
Tgt Ion:178 Resp: 40787

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

179 15.2 12.5 18.7



#24

Fluoranthene-d10

Concen: 0.352 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

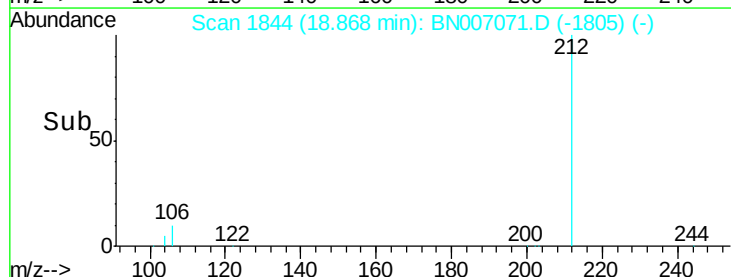
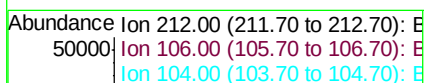
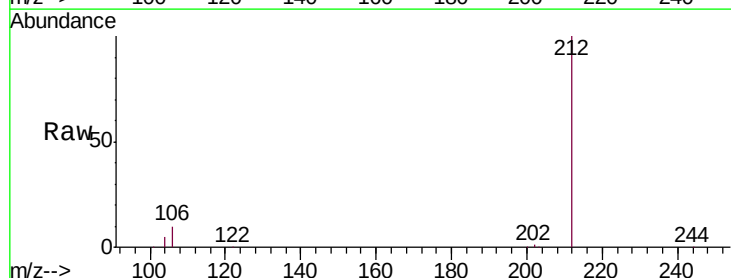
Tgt Ion:212 Resp: 49824

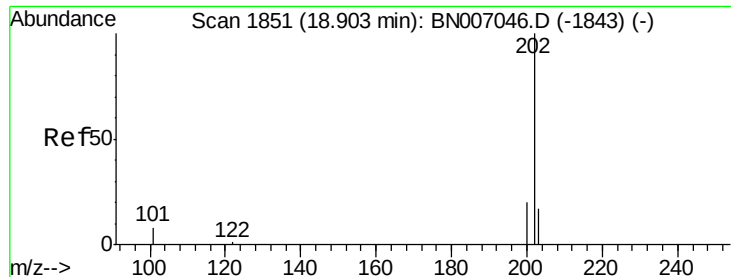
Ion Ratio Lower Upper

212 100

106 9.9 8.2 12.2

104 5.5 4.5 6.7





#25

Fluoranthene

Concen: 0.359 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

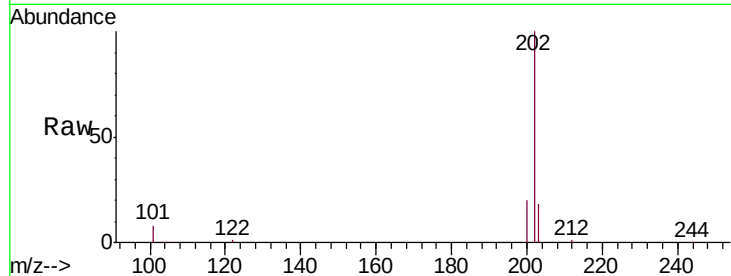
Tgt Ion:202 Resp: 54811

Ion Ratio Lower Upper

202 100

101 8.9 7.0 10.4

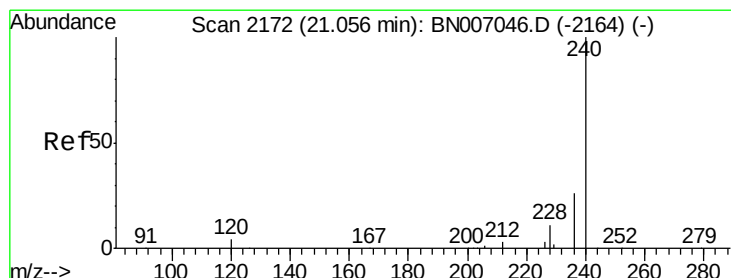
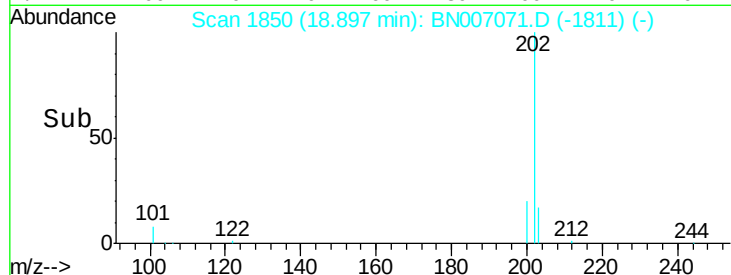
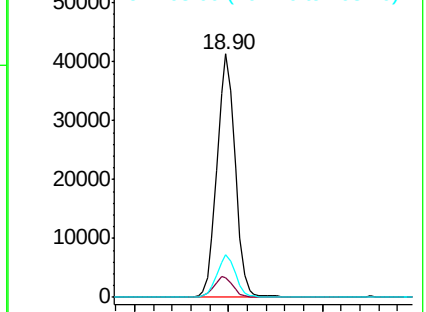
203 17.4 13.8 20.8



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: 21.03 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

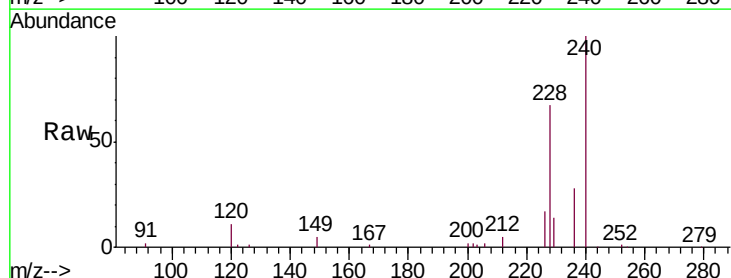
Tgt Ion:240 Resp: 41301

Ion Ratio Lower Upper

240 100

120 11.1 4.0 6.0#

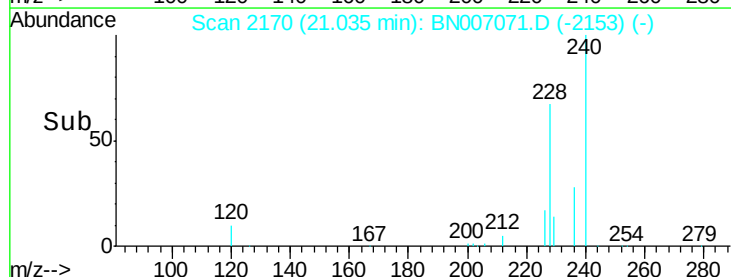
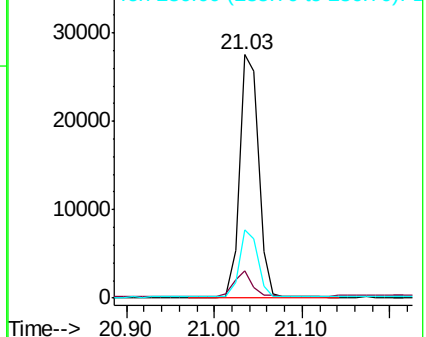
236 28.1 21.3 31.9

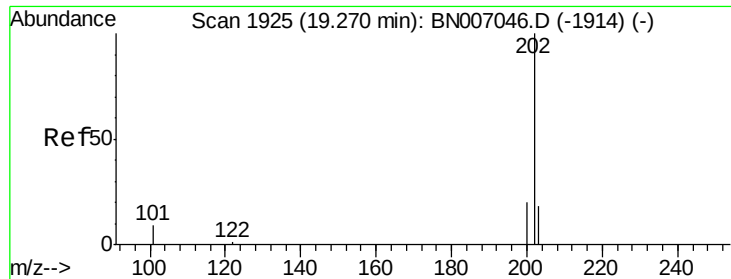


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

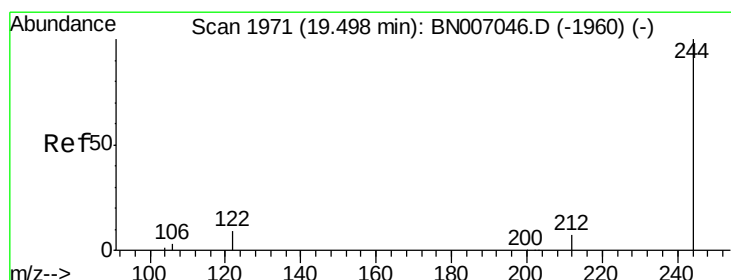
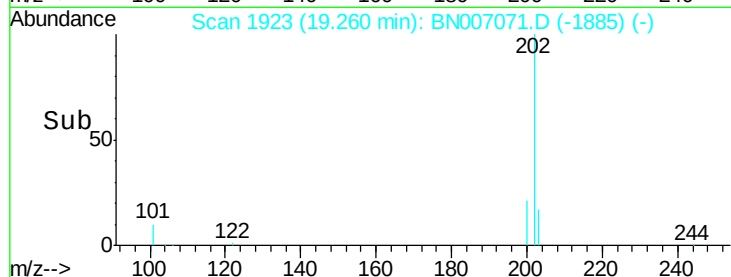
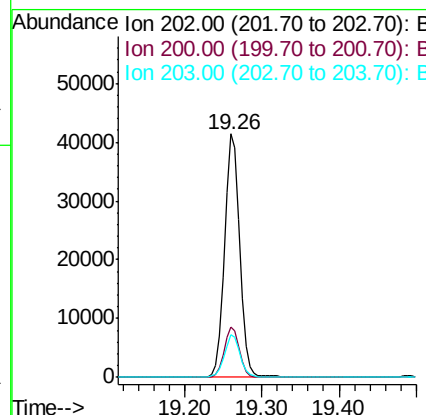
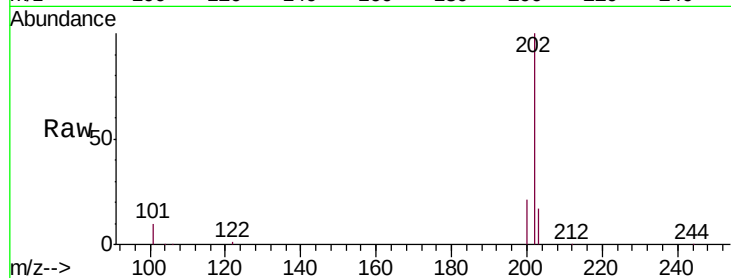




#27
 Pyrene
 Concen: 0.385 ng
 RT: 19.26 min Scan# 1923
 Delta R.T. -0.01 min
 Lab File: BN007071.D
 Acq: 11 Aug 2019 04:59

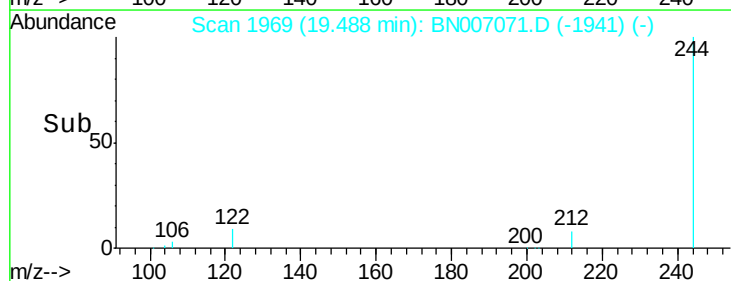
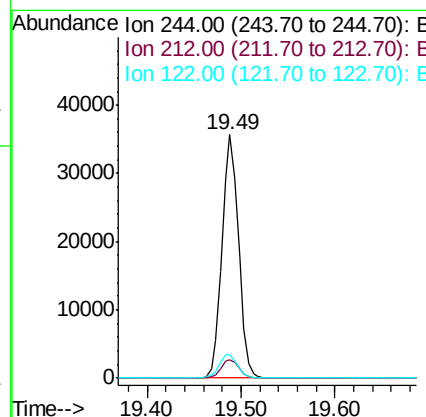
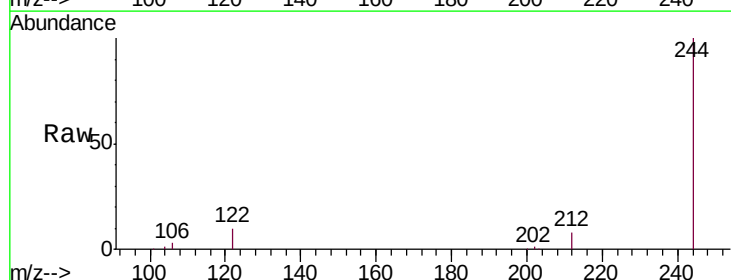
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

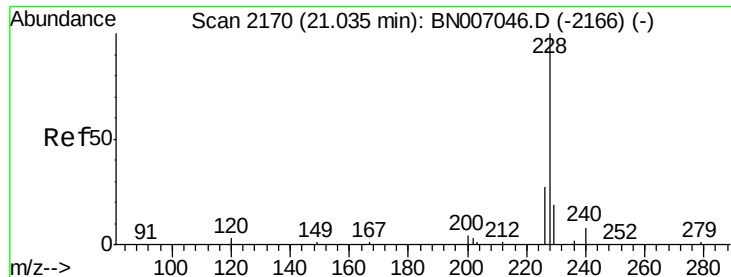
Tgt Ion:202 Resp: 55823
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.6 24.8
 203 17.4 14.0 21.0



#28
 Terphenyl-d14
 Concen: 0.384 ng
 RT: 19.49 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BN007071.D
 Acq: 11 Aug 2019 04:59

Tgt Ion:244 Resp: 43253
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 9.6 7.4 11.2





#29

Benzo(a)anthracene

Concen: 0.380 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

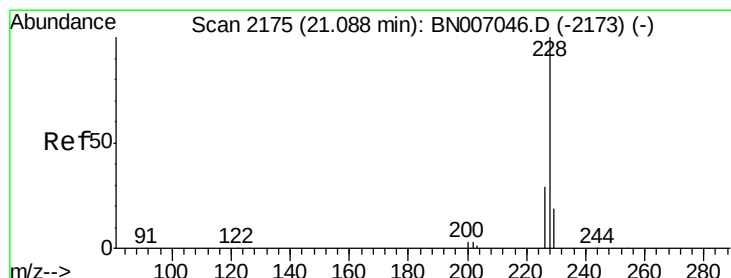
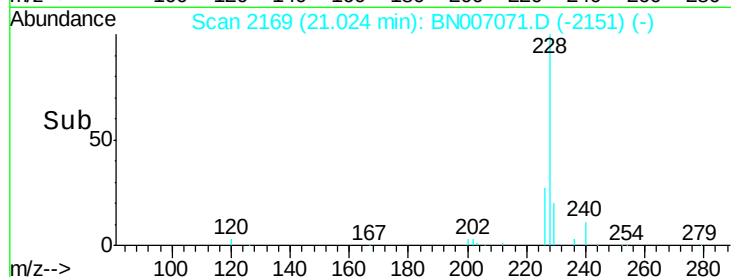
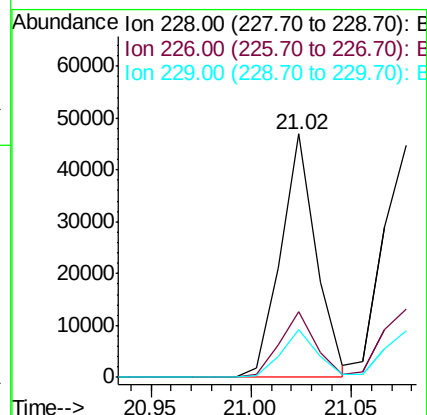
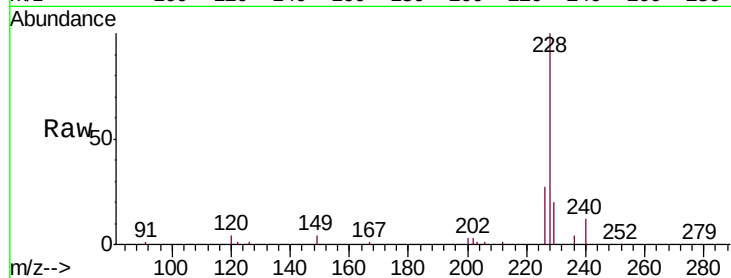
Tgt Ion:228 Resp: 57435

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.6

229 19.9 15.6 23.4



#30

Chrysene

Concen: 0.397 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

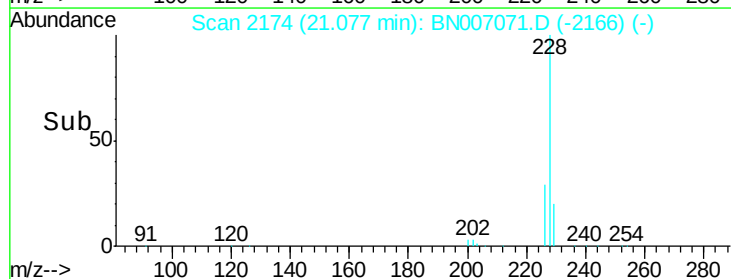
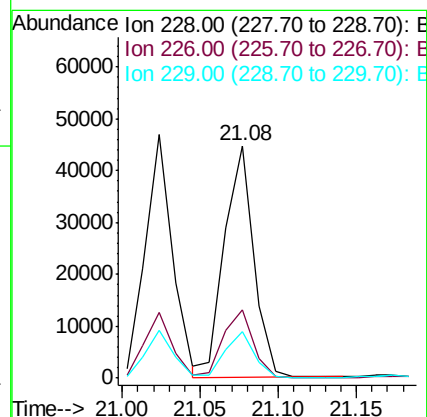
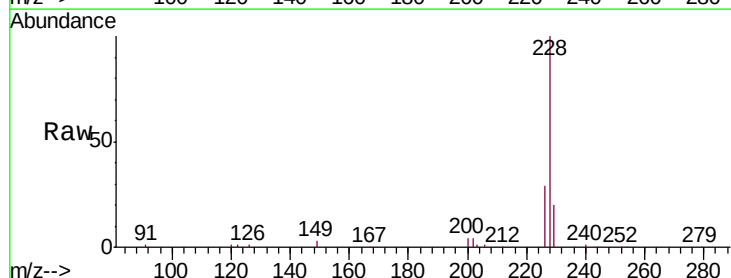
Tgt Ion:228 Resp: 58275

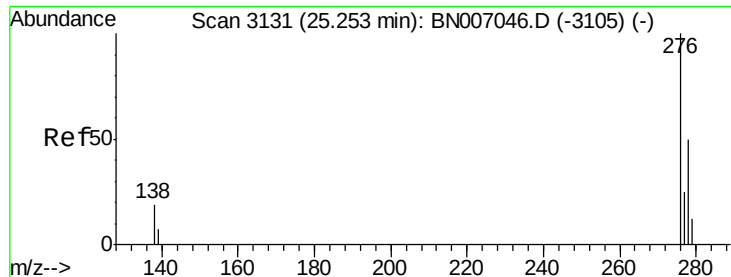
Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.6

229 19.9 15.7 23.5





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.403 ng

RT: 25.23 min Scan# 3125

Delta R.T. -0.02 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

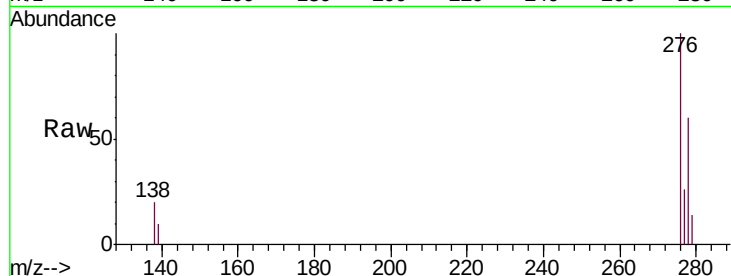
Tgt Ion:276 Resp: 65136

Ion Ratio Lower Upper

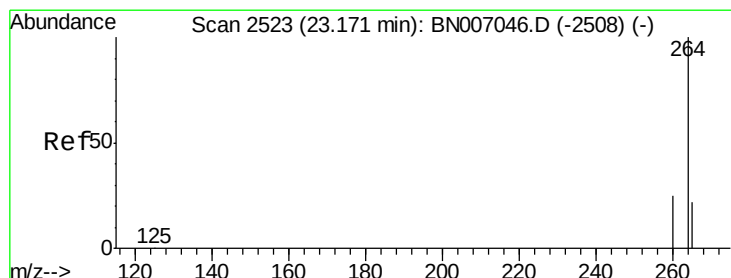
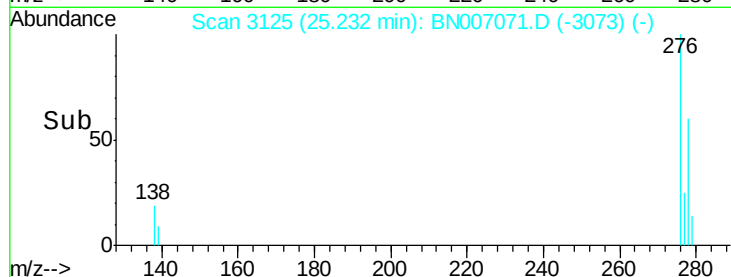
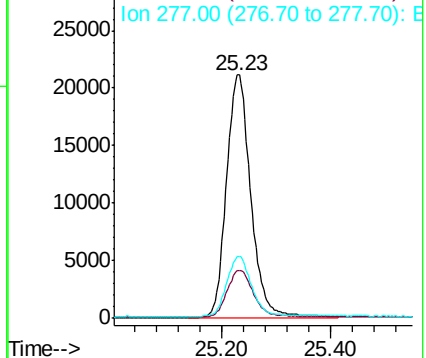
276 100

138 20.4 16.0 24.0

277 25.1 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: 23.15 min Scan# 2518

Delta R.T. -0.02 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

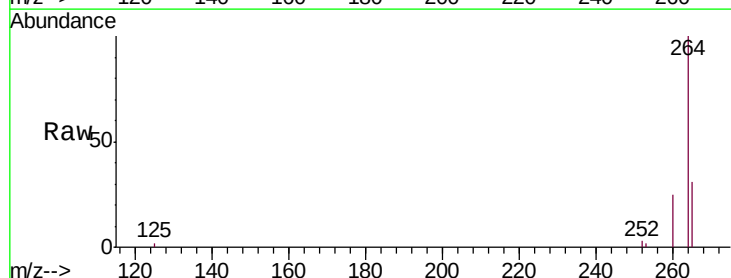
Tgt Ion:264 Resp: 43645

Ion Ratio Lower Upper

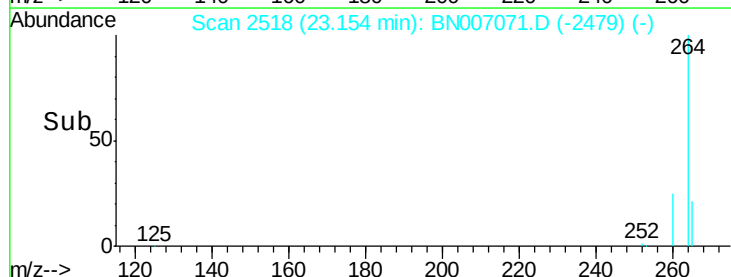
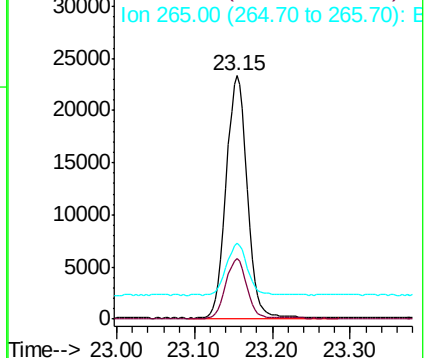
264 100

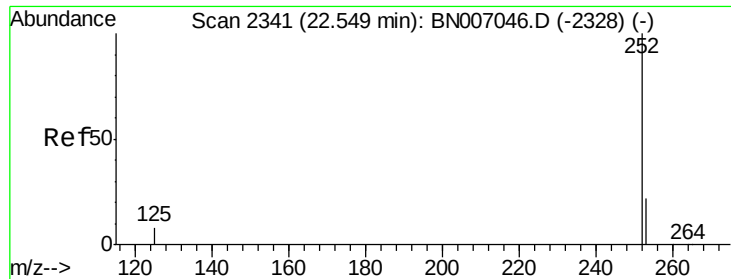
260 25.0 19.8 29.8

265 31.0 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

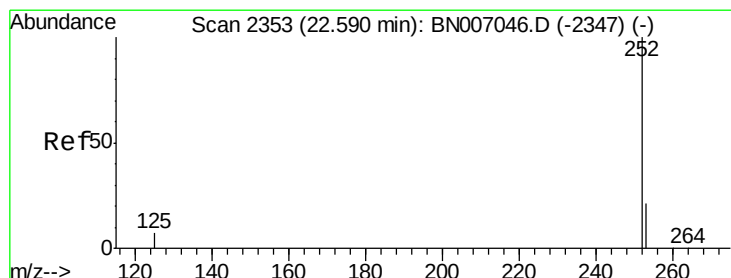
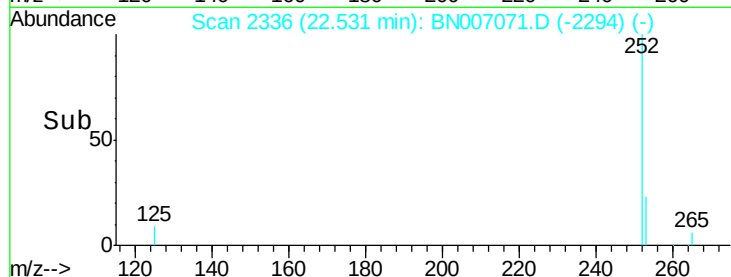
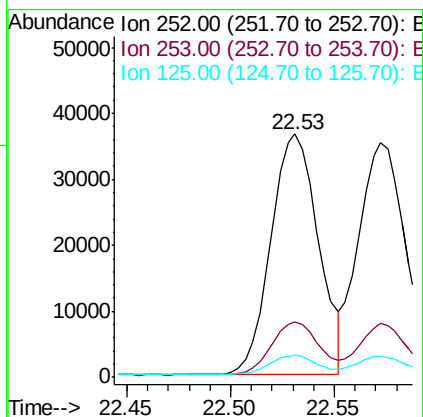
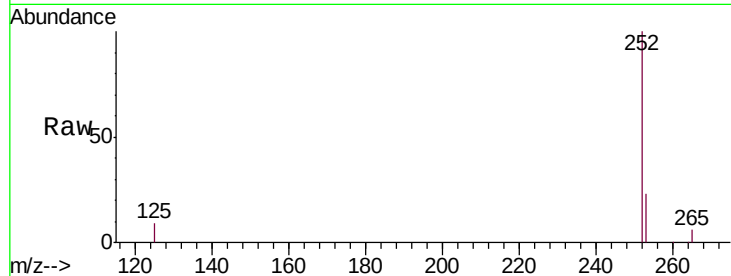




#33
Benzo(b)fluoranthene
Concen: 0.388 ng
RT: 22.53 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BN007071.D
Acq: 11 Aug 2019 04:59

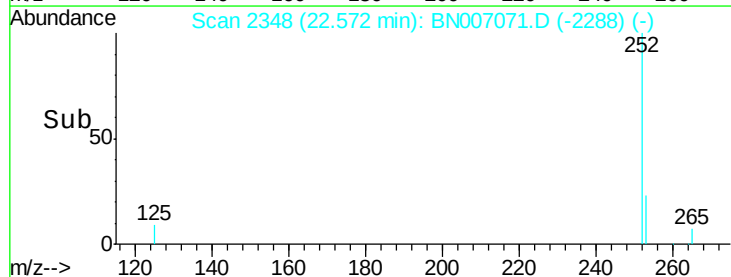
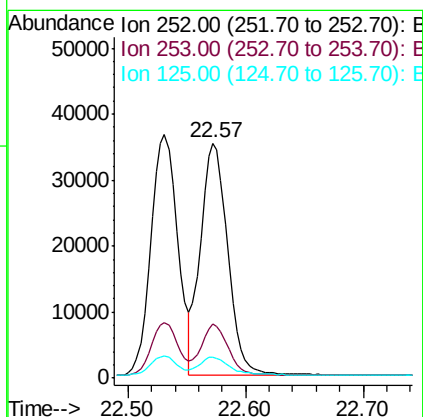
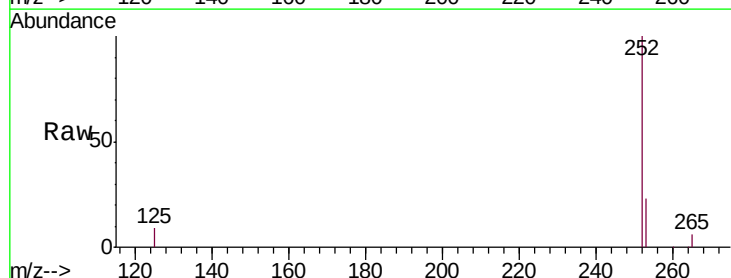
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

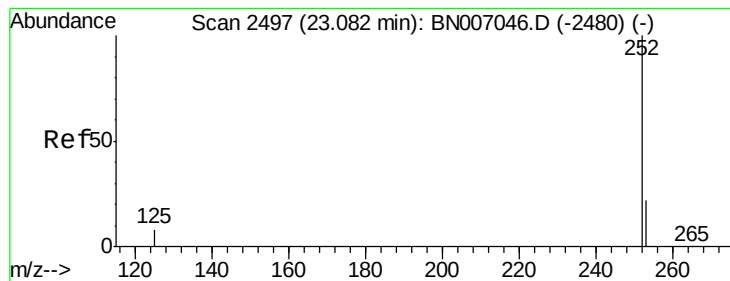
Tgt Ion:252 Resp: 58020
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 8.9 7.4 11.0



#34
Benzo(k)fluoranthene
Concen: 0.384 ng
RT: 22.57 min Scan# 2348
Delta R.T. -0.02 min
Lab File: BN007071.D
Acq: 11 Aug 2019 04:59

Tgt Ion:252 Resp: 56724
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 9.0 7.4 11.0





#35

Benzo(a)pyrene

Concen: 0.385 ng

RT: 23.06 min Scan# 2491

Delta R.T. -0.02 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

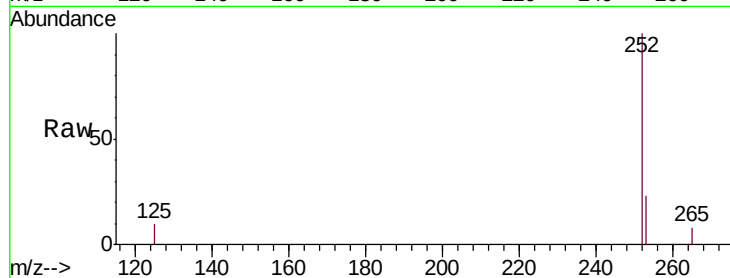
Tgt Ion:252 Resp: 52228

Ion Ratio Lower Upper

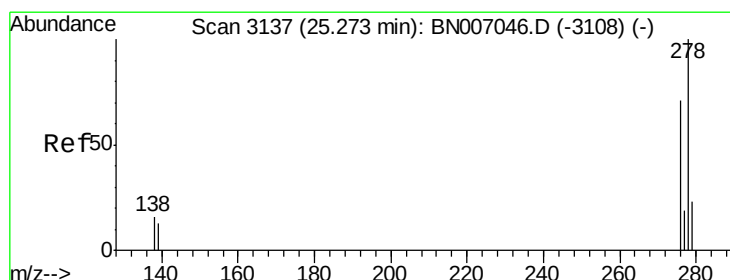
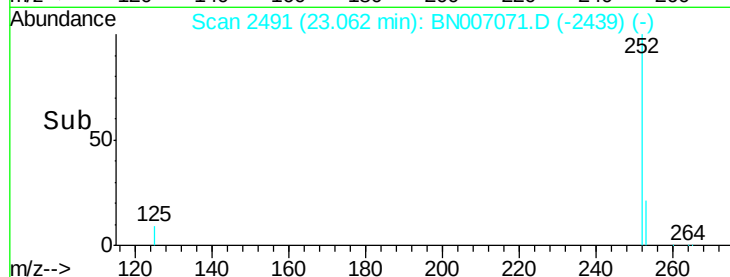
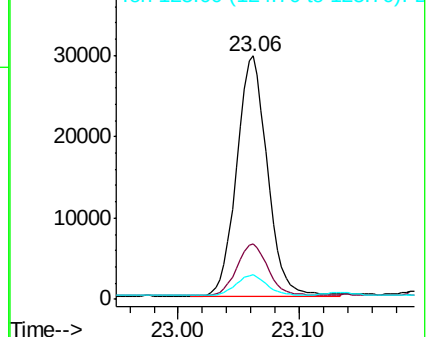
252 100

253 22.6 18.5 27.7

125 10.0 8.2 12.4



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



#36

Dibenzo(a,h)anthracene

Concen: 0.394 ng

RT: 25.25 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

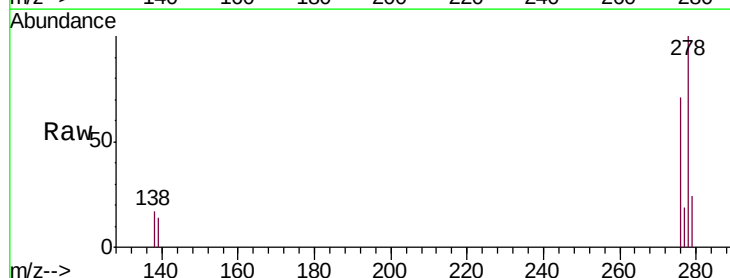
Tgt Ion:278 Resp: 53325

Ion Ratio Lower Upper

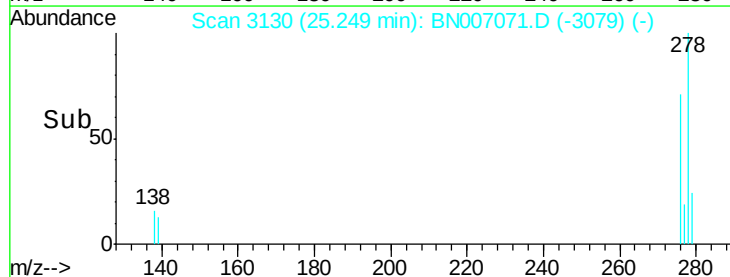
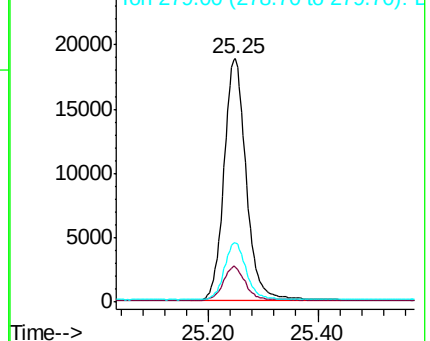
278 100

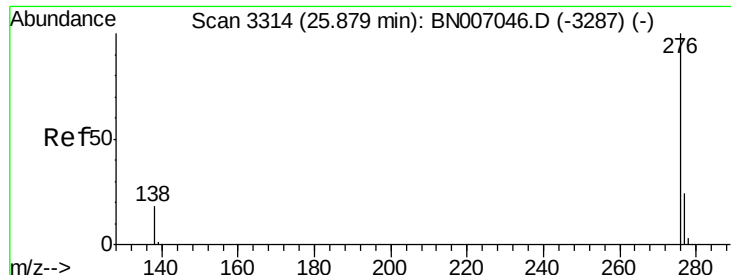
139 14.2 11.3 16.9

279 24.4 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: 0.388 ng

RT: 25.85 min Scan# 3307

Delta R.T. -0.02 min

Lab File: BN007071.D

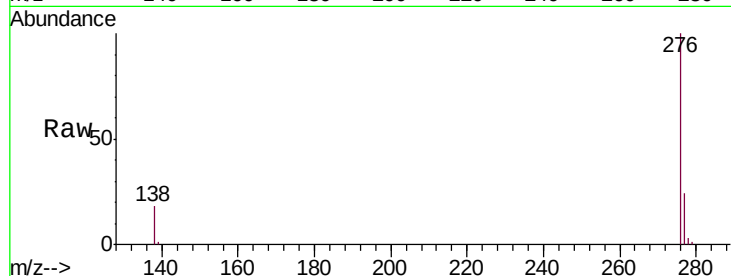
Acq: 11 Aug 2019 04:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 54053

Ion Ratio Lower Upper

276 100

277 24.3 19.8 29.8

138 18.0 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

