

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081319\
 Data File : BN007130.D
 Acq On : 13 Aug 2019 14:07
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Aug 14 04:48:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 12:12:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	8245	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	31202	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	17215	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	39676	0.40	ng	0.00
26) Chrysene-d12	21.05	240	40206	0.40	ng	-0.01
32) Perylene-d12	23.16	264	44493	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	8368	0.42	ng	0.00
4) Phenol-d6	6.61	99	10678	0.44	ng	0.00
7) Nitrobenzene-d5	8.56	82	10316	0.41	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	21450	0.37	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	3103	0.33	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	5751	0.23	ng	0.00
24) Fluoranthene-d10	18.87	212	50397	0.36	ng	0.00
28) Terphenyl-d14	19.49	244	43633	0.40	ng	-0.01

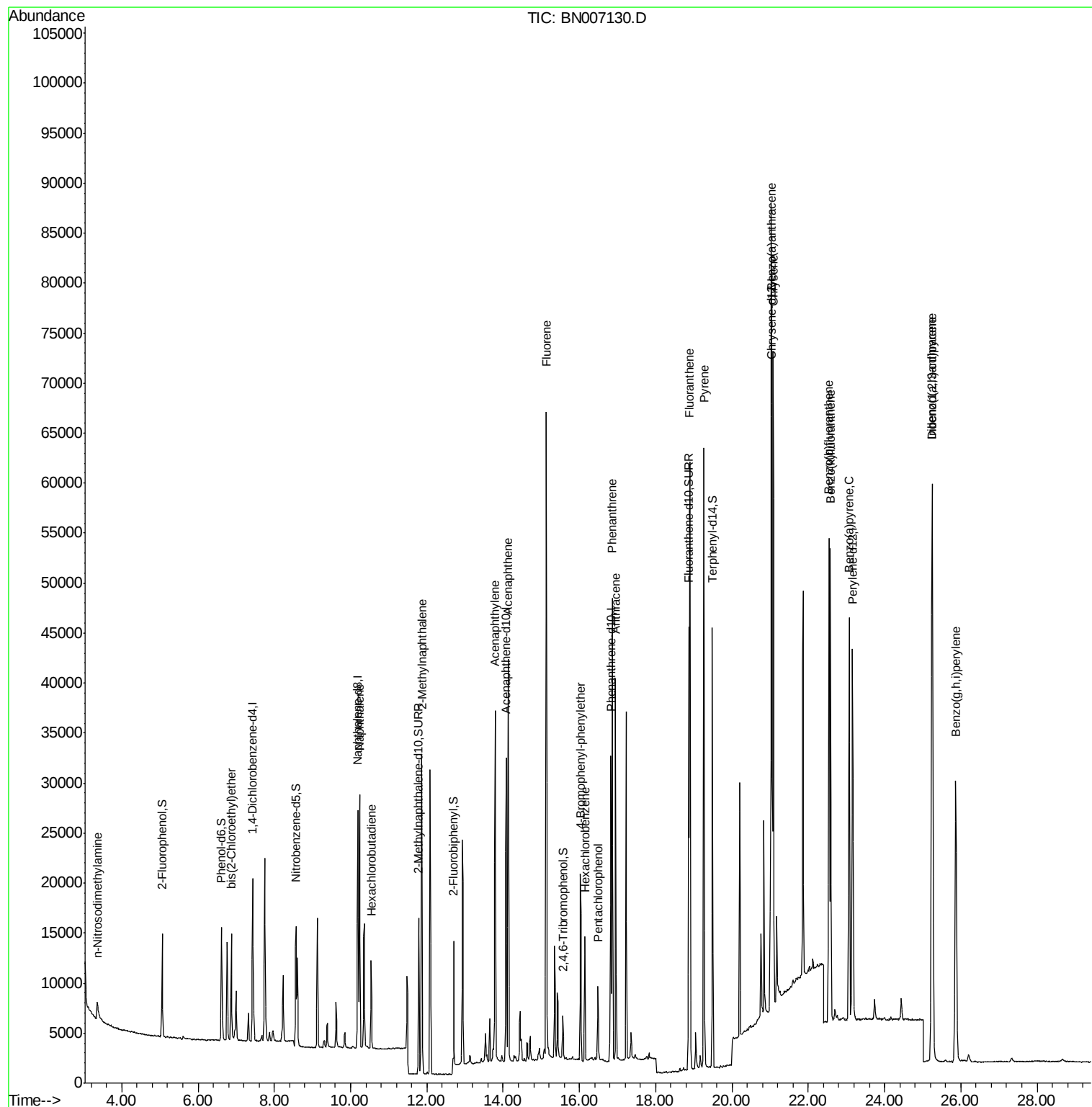
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.36	42	1801	0.332	ng	# 93
5) bis(2-Chloroethyl)ether	6.87	93	8754	0.404	ng	97
8) Naphthalene	10.24	128	32781	0.375	ng	99
9) Hexachlorobutadiene	10.54	225	7113	0.381	ng	# 99
11) 2-Methylnaphthalene	11.87	142	23037	0.372	ng	98
15) Acenaphthylene	13.79	152	40473m	0.450	ng	
16) Acenaphthene	14.13	154	22284	0.387	ng	100
17) Fluorene	15.13	166	30368	0.352	ng	100
19) 4-Bromophenyl-phenylether	16.03	248	9959	0.406	ng	# 83
20) Hexachlorobenzene	16.14	284	9642	0.408	ng	99
21) Pentachlorophenol	16.48	266	3413	0.388	ng	99
22) Phenanthrene	16.87	178	46046	0.387	ng	100
23) Anthracene	16.95	178	43515	0.401	ng	99
25) Fluoranthene	18.90	202	56002	0.368	ng	100
27) Pyrene	19.26	202	57771	0.410	ng	99
29) Benzo(a)anthracene	21.03	228	57625	0.392	ng	95
30) Chrysene	21.08	228	56406	0.395	ng	98
31) Indeno(1,2,3-cd)pyrene	25.24	276	66905	0.425	ng	98
33) Benzo(b)fluoranthene	22.54	252	58517	0.384	ng	97
34) Benzo(k)fluoranthene	22.58	252	55996	0.372	ng	97
35) Benzo(a)pyrene	23.07	252	54263	0.392	ng	98
36) Dibenzo(a,h)anthracene	25.26	278	54432	0.394	ng	# 96
37) Benzo(g,h,i)perylene	25.87	276	55090	0.388	ng	98

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

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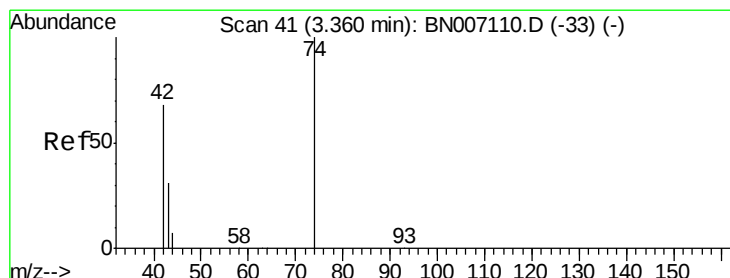
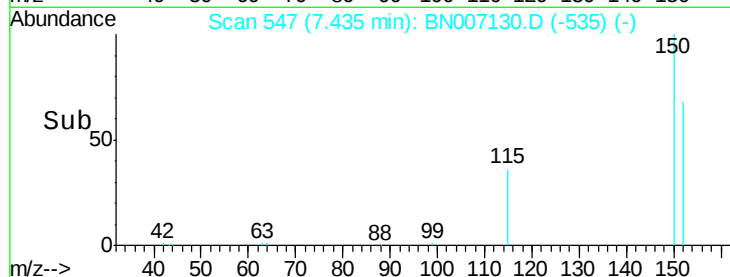
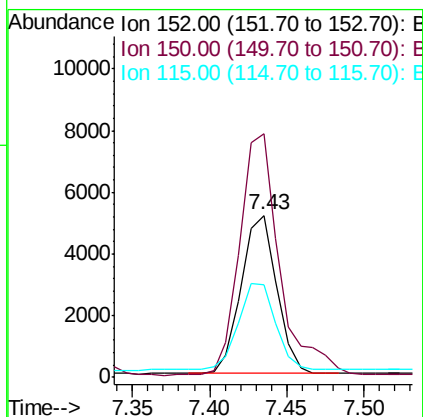
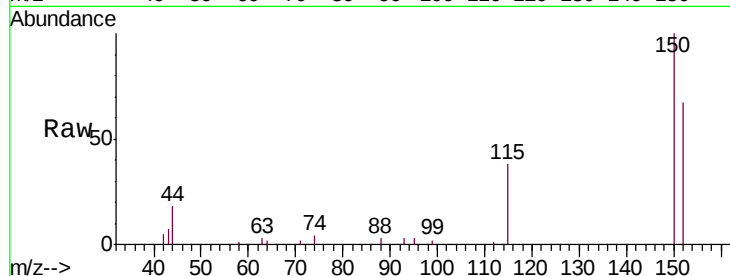


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007130.D
Acq: 13 Aug 2019 14:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

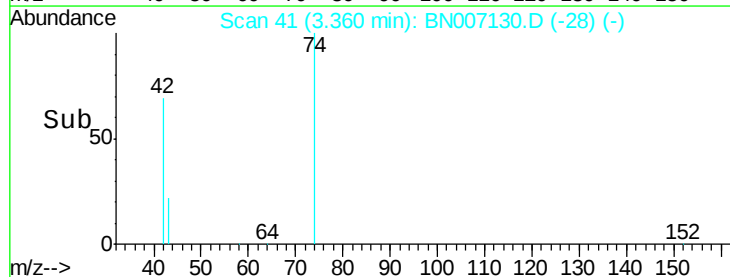
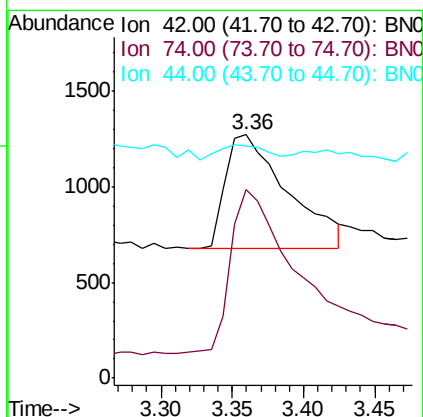
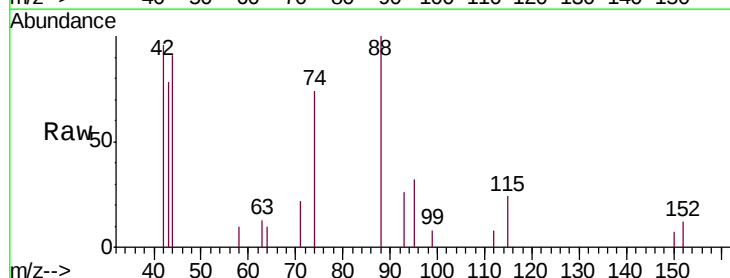
Tgt Ion:152 Resp: 8245
Ion Ratio Lower Upper
152 100
150 150.0 121.7 182.5
115 56.7 46.2 69.4

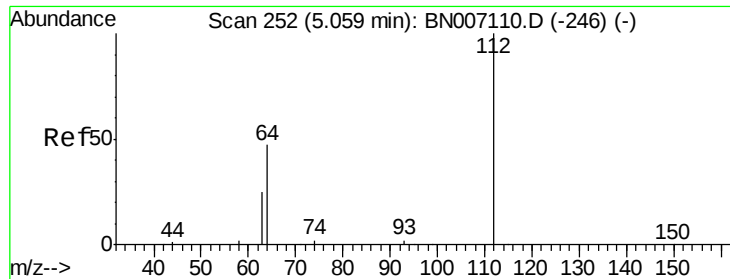


#2

n-Nitrosodimethylamine
Concen: 0.332 ng
RT: 3.36 min Scan# 41
Delta R.T. 0.00 min
Lab File: BN007130.D
Acq: 13 Aug 2019 14:07

Tgt Ion: 42 Resp: 1801
Ion Ratio Lower Upper
42 100
74 146.5 110.6 166.0
44 9.9 0.0 0.0#





#3

2-Fluorophenol

Concen: 0.422 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

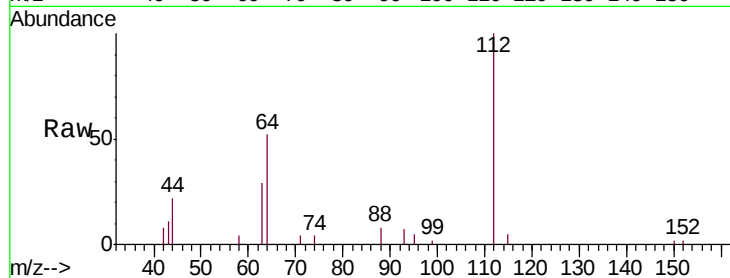
Tgt Ion: 112 Resp: 8368

Ion Ratio Lower Upper

112 100

64 52.5 42.6 63.8

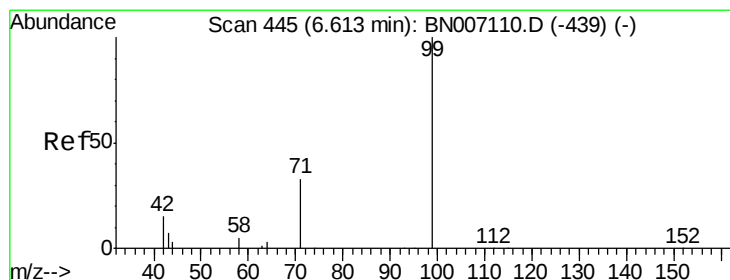
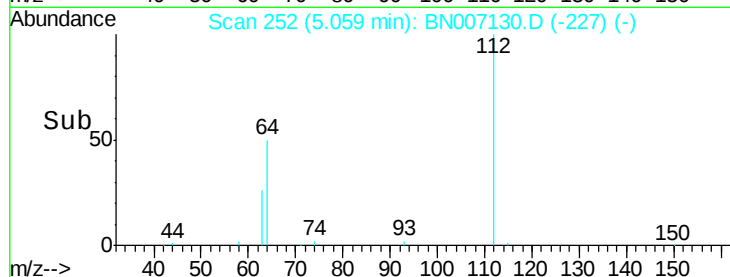
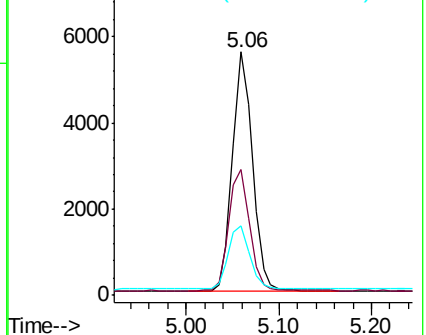
63 27.9 22.2 33.2



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: 0.435 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

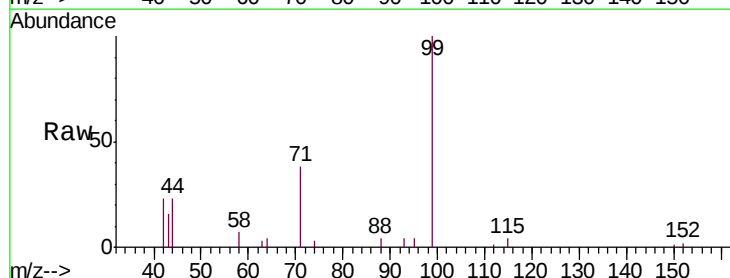
Tgt Ion: 99 Resp: 10678

Ion Ratio Lower Upper

99 100

42 18.6 15.8 23.6

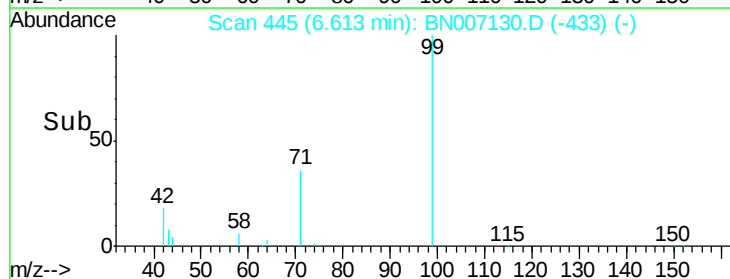
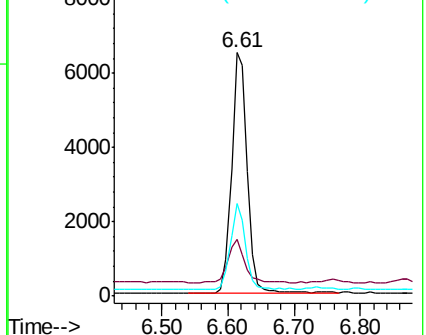
71 33.3 27.0 40.4

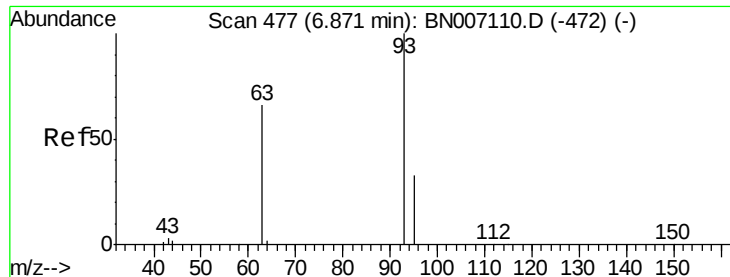


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#5

bis(2-Chloroethyl)ether

Concen: 0.404 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.00 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

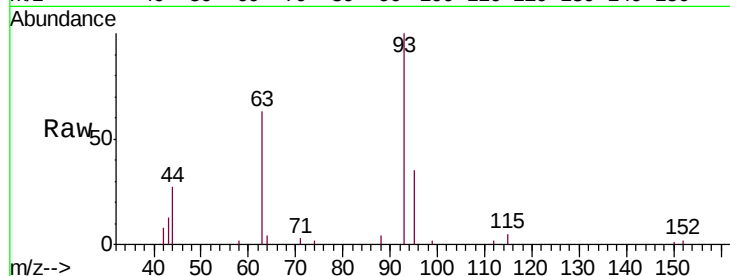
Tgt Ion: 93 Resp: 8754

Ion Ratio Lower Upper

93 100

63 67.2 55.6 83.4

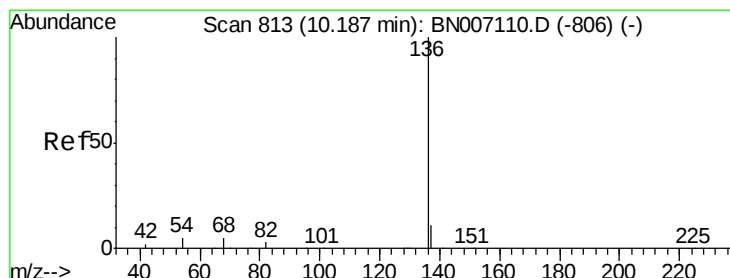
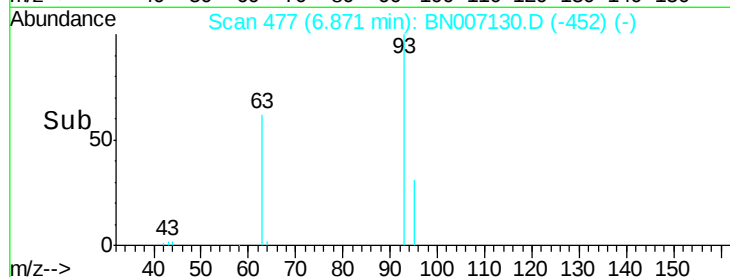
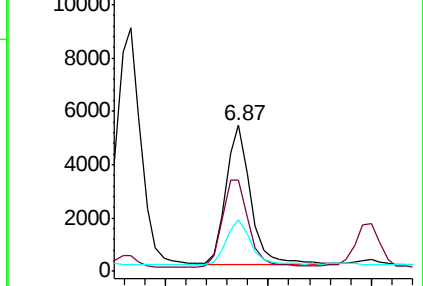
95 31.9 26.7 40.1



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

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

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



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

Tgt Ion: 136 Resp: 31202

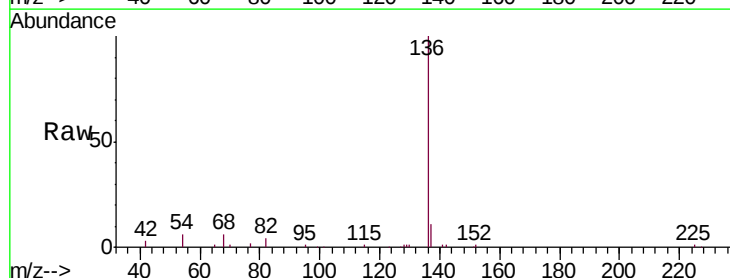
Ion Ratio Lower Upper

136 100

137 11.5 9.4 14.0

54 6.4 6.6 9.8#

68 5.9 6.0 9.0#

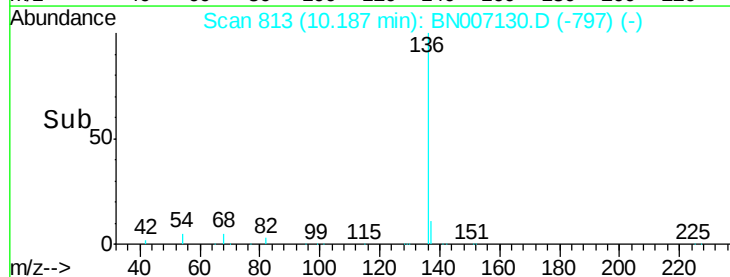
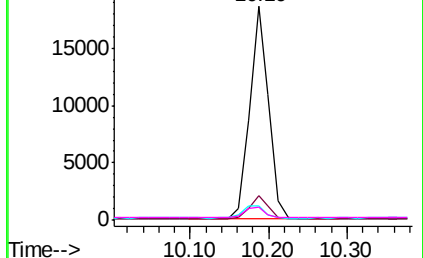


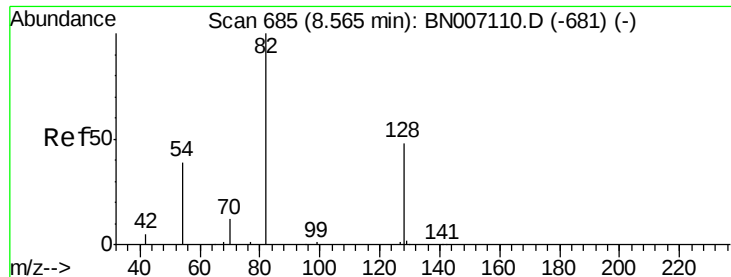
Abundance Ion 136.00 (135.70 to 136.70): BN007110.D (-806) (-)

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

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

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





#7

Nitrobenzene-d5

Concen: 0.410 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

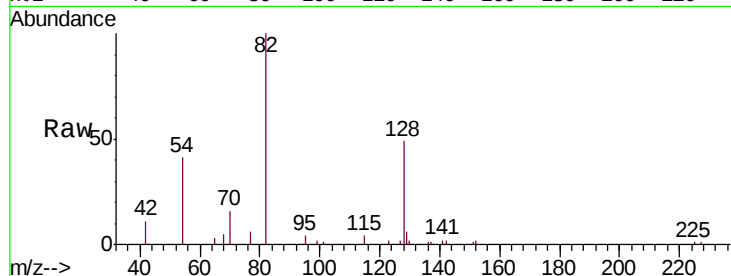
Tgt Ion: 82 Resp: 10316

Ion Ratio Lower Upper

82 100

128 49.3 34.6 51.8

54 41.0 36.2 54.4

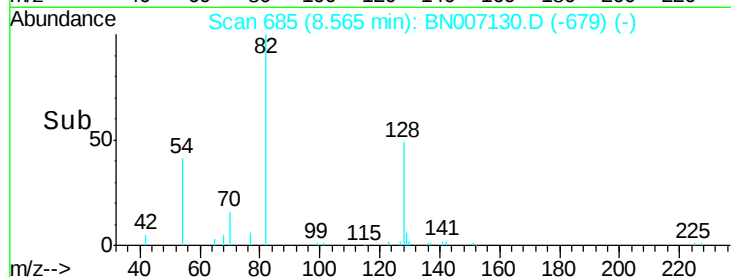


Abundance Ion 82.00 (81.70 to 82.70): BN007130.D (-679) (-)

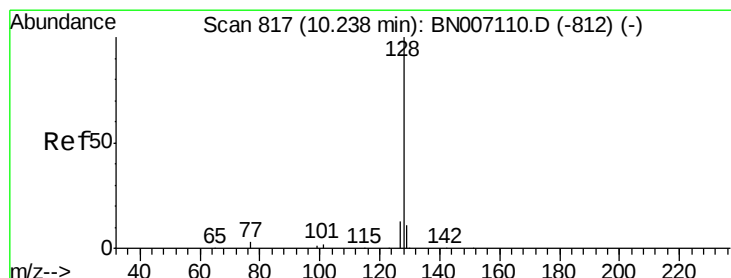
Ion 128.00 (127.70 to 128.70): BN007130.D (-679) (-)

Ion 54.00 (53.70 to 54.70): BN007130.D (-679) (-)

Time-->



Time-->



#8

Naphthalene

Concen: 0.375 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

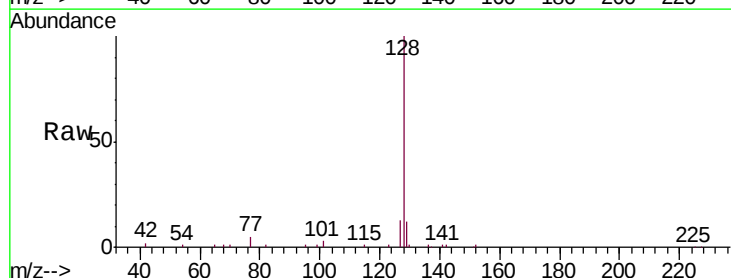
Tgt Ion: 128 Resp: 32781

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

127 13.3 11.0 16.6

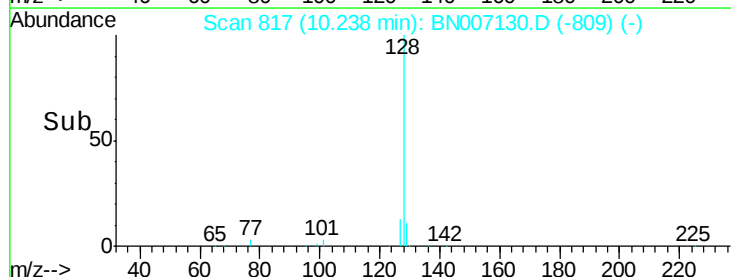


Abundance Ion 128.00 (127.70 to 128.70): BN007130.D (-809) (-)

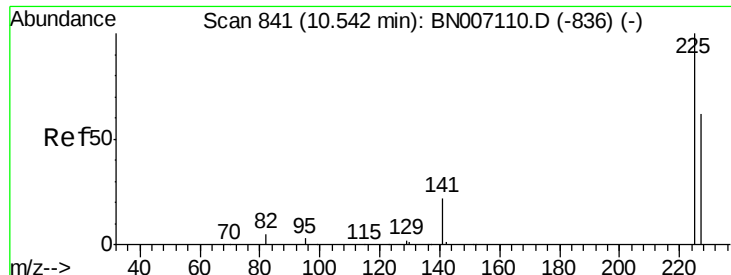
Ion 129.00 (128.70 to 129.70): BN007130.D (-809) (-)

Ion 127.00 (126.70 to 127.70): BN007130.D (-809) (-)

Time-->



Time-->



#9

Hexachlorobutadiene

Concen: 0.381 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

Instrument :

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ClientSampleId :

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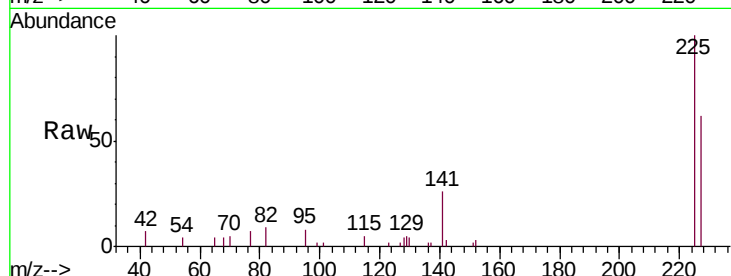
Tgt Ion:225 Resp: 7113

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

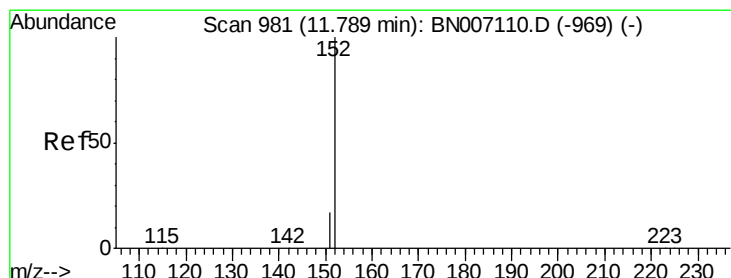
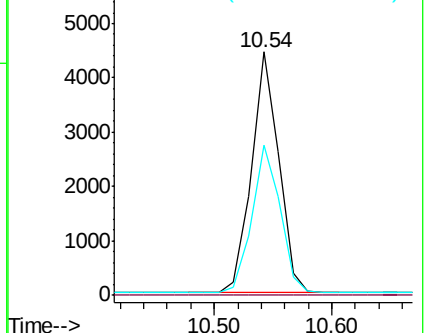
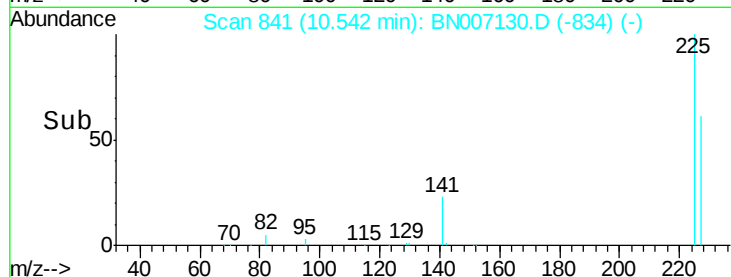
227 63.0 51.1 76.7



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: 0.369 ng

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007130.D

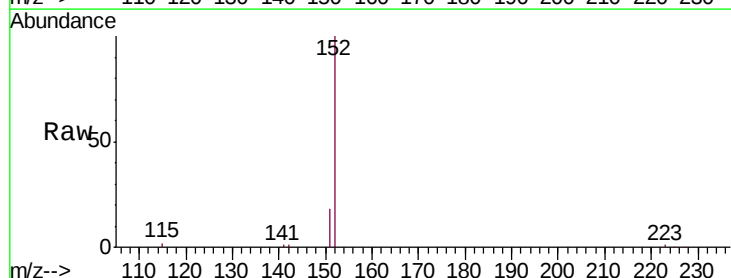
Acq: 13 Aug 2019 14:07

Tgt Ion:152 Resp: 21450

Ion Ratio Lower Upper

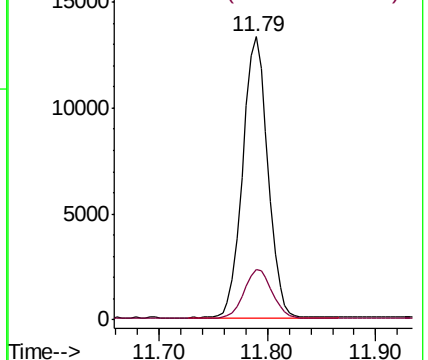
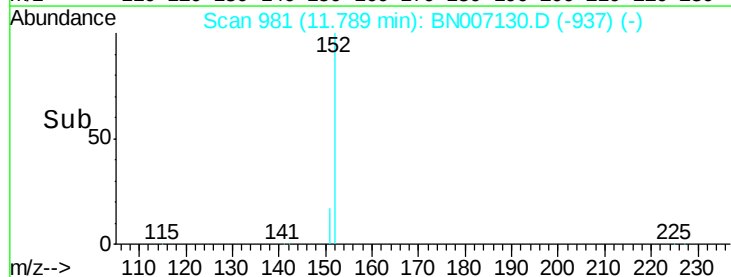
152 100

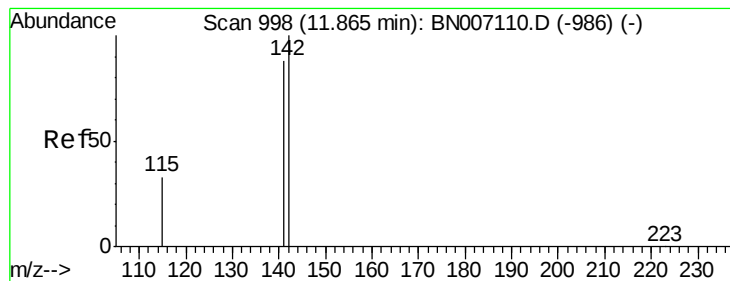
151 19.2 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.372 ng

RT: 11.87 min Scan# 998

Delta R.T. -0.00 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

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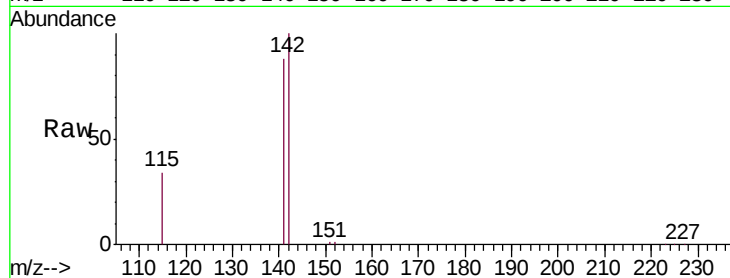
Tgt Ion:142 Resp: 23037

Ion Ratio Lower Upper

142 100

141 88.5 69.0 103.6

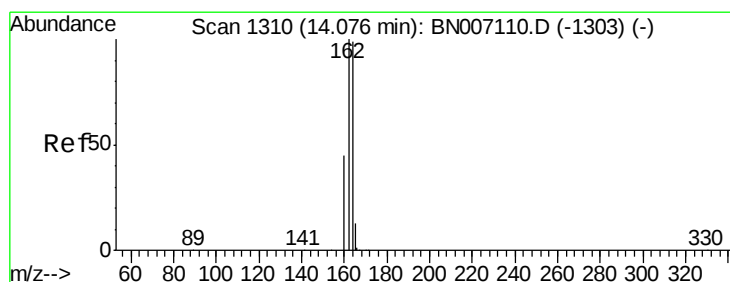
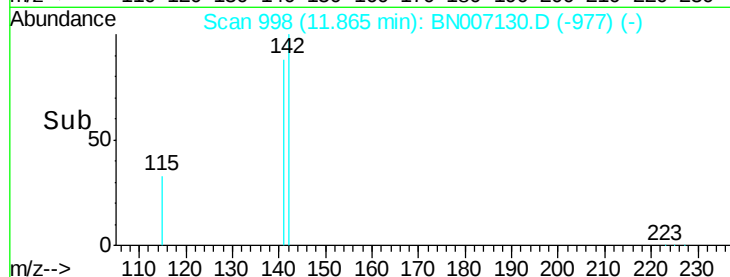
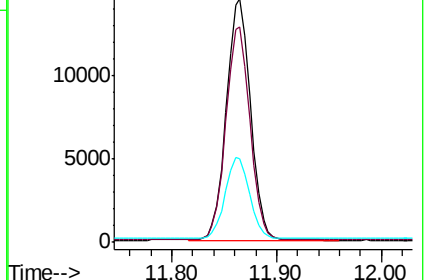
115 34.1 27.1 40.7



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: BN007130.D

Acq: 13 Aug 2019 14:07

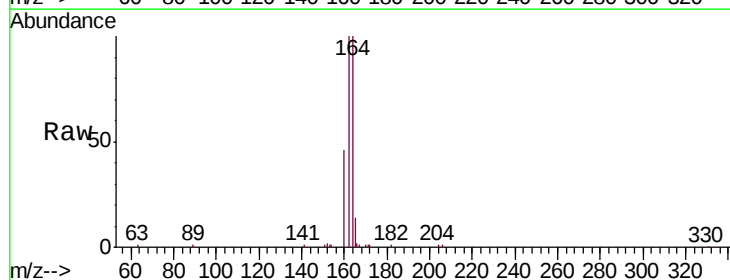
Tgt Ion:164 Resp: 17215

Ion Ratio Lower Upper

164 100

162 100.4 82.2 123.4

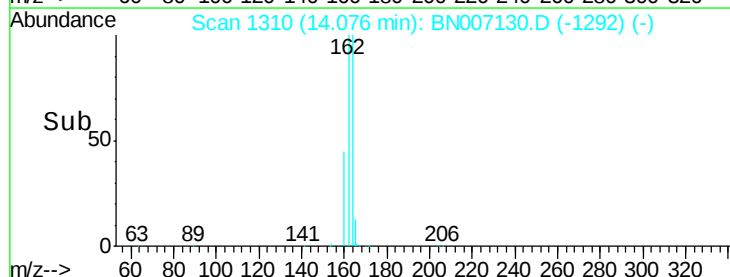
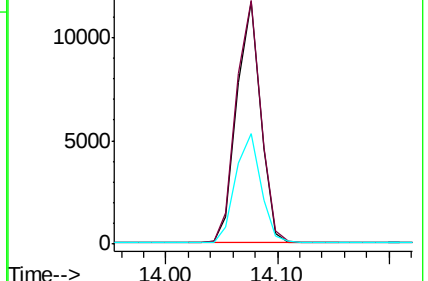
160 45.8 38.3 57.5

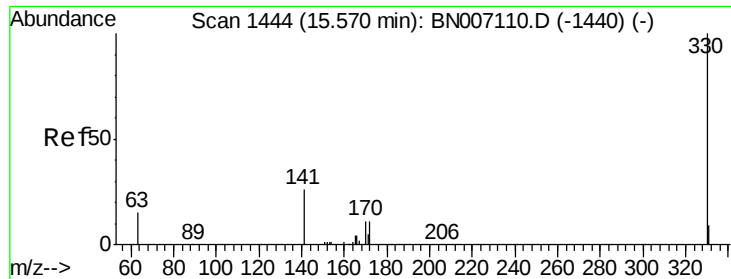


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

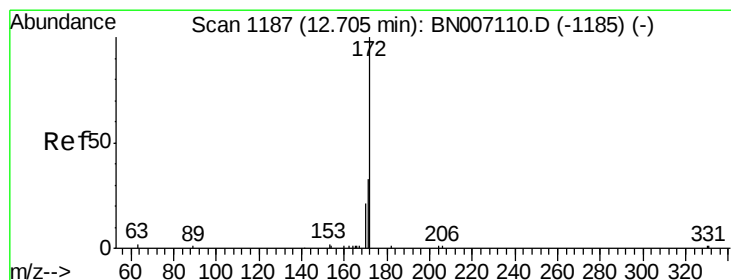
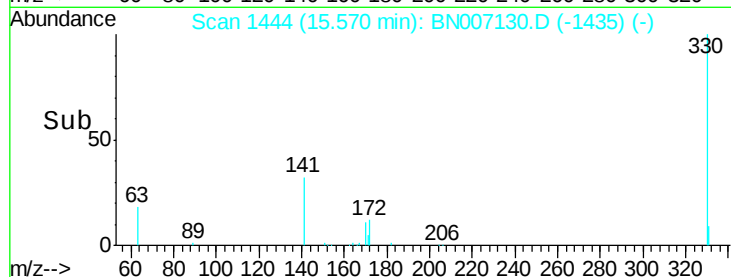
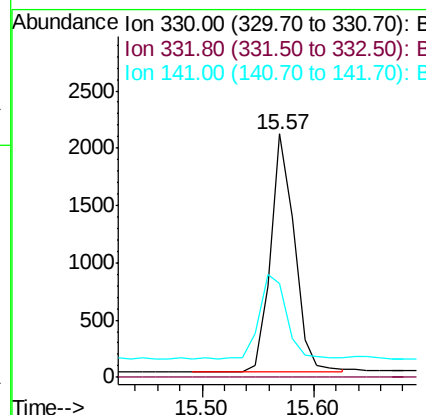
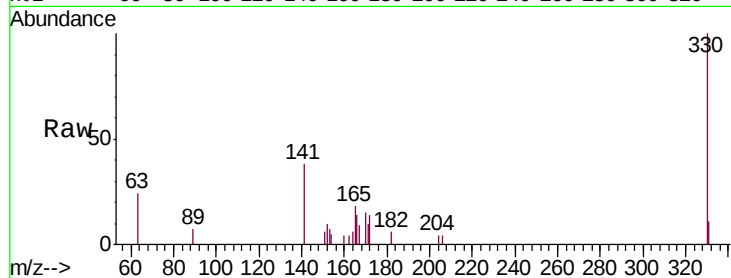




#13
 2,4,6-Tribromophenol
 Concen: 0.335 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007130.D
 Acq: 13 Aug 2019 14:07

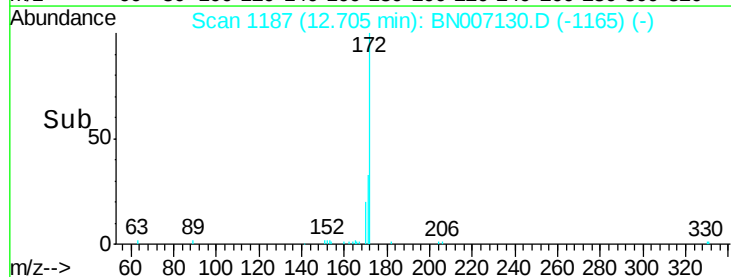
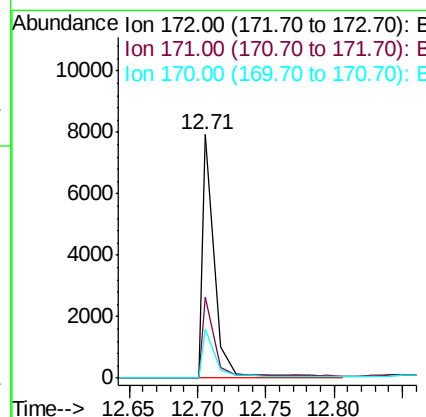
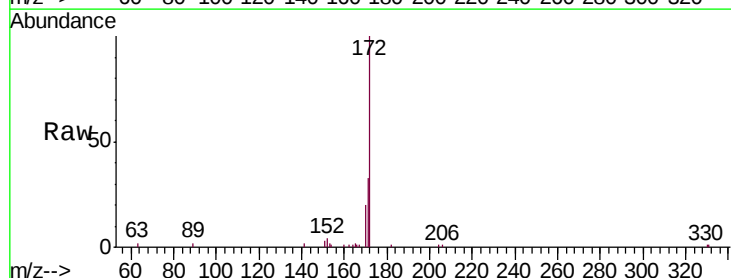
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

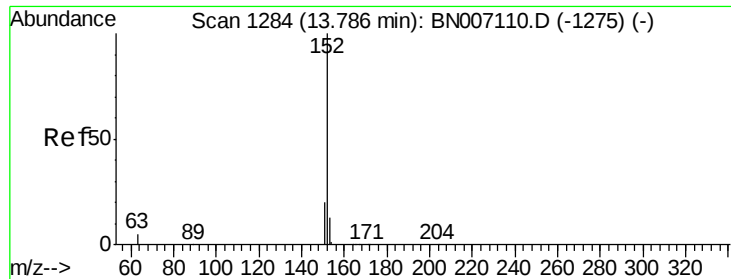
Tgt Ion:330 Resp: 3103
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 39.3 33.6 50.4



#14
 2-Fluorobiphenyl
 Concen: 0.230 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007130.D
 Acq: 13 Aug 2019 14:07

Tgt Ion:172 Resp: 5751
 Ion Ratio Lower Upper
 172 100
 171 33.0 26.3 39.5
 170 20.4 17.0 25.4





#15

Acenaphthylene

Concen: 0.450 ng m

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

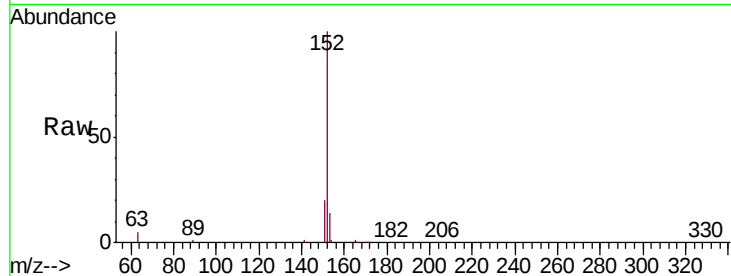
Tgt Ion:152 Resp: 40473

Ion Ratio Lower Upper

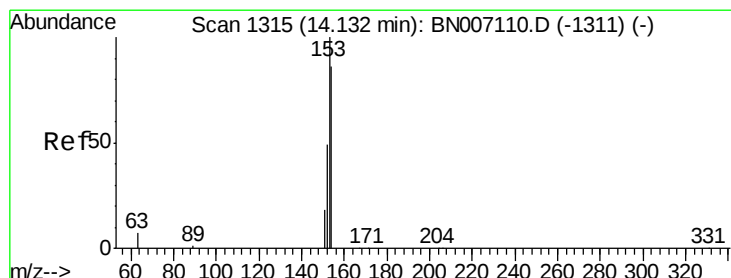
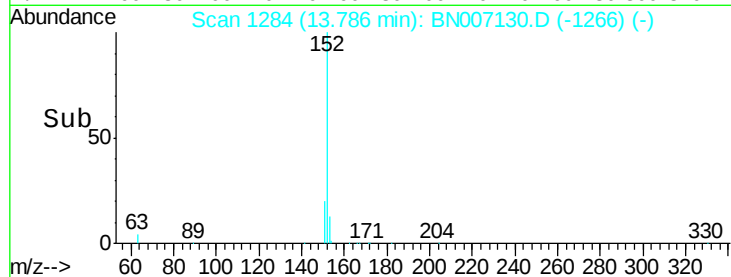
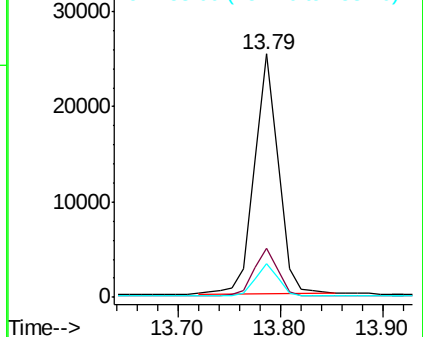
152 100

151 20.7 15.8 23.6

153 13.7 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: 0.387 ng

RT: 14.13 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

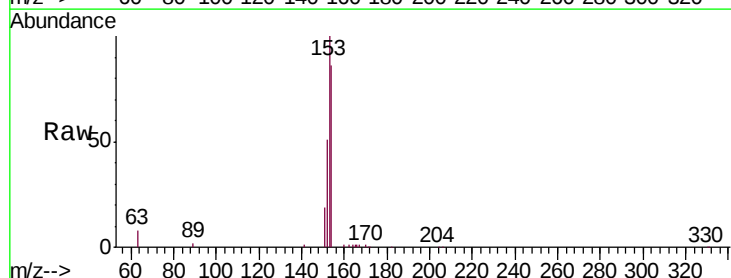
Tgt Ion:154 Resp: 22284

Ion Ratio Lower Upper

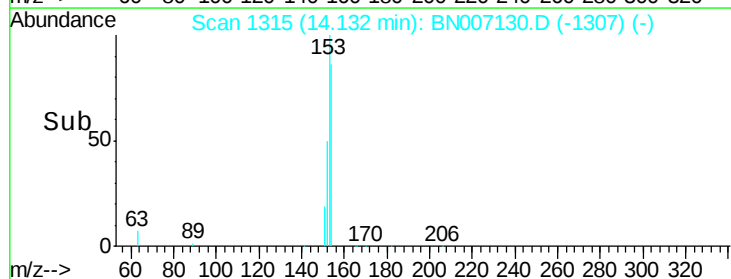
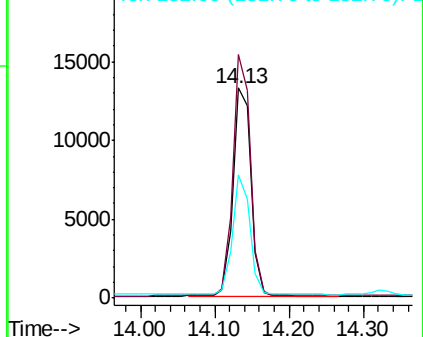
154 100

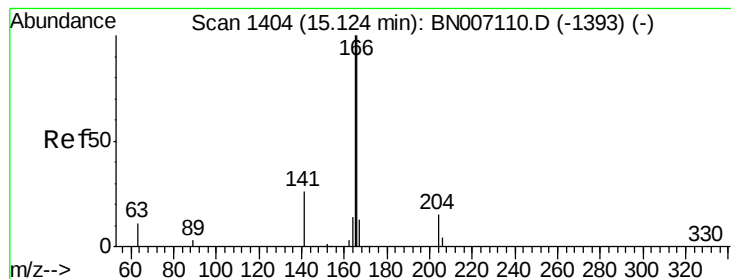
153 111.6 89.5 134.3

152 55.5 44.8 67.2



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





#17

Fluorene

Concen: 0.352 ng

RT: 15.13 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

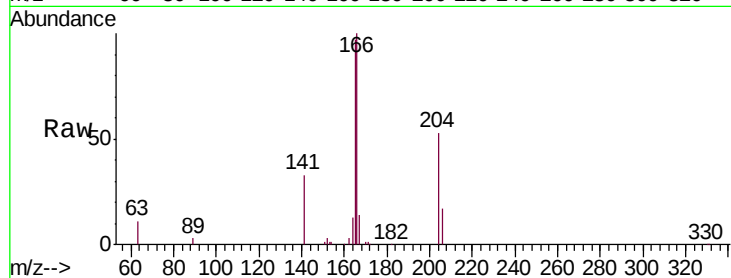
Tgt Ion:166 Resp: 30368

Ion Ratio Lower Upper

166 100

165 97.5 77.9 116.9

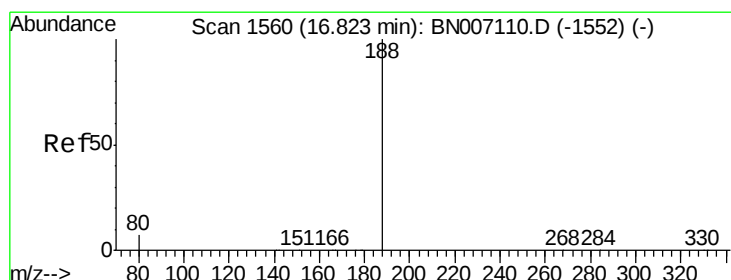
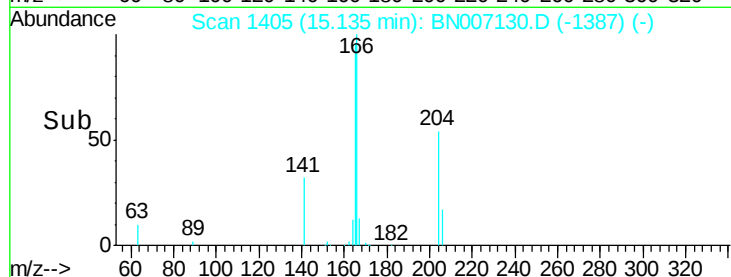
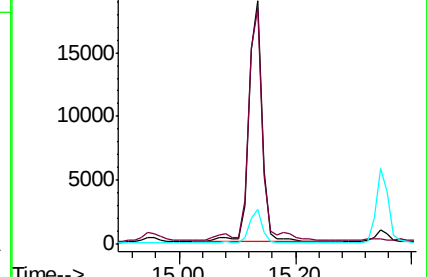
167 13.4 10.9 16.3



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: BN007130.D

Acq: 13 Aug 2019 14:07

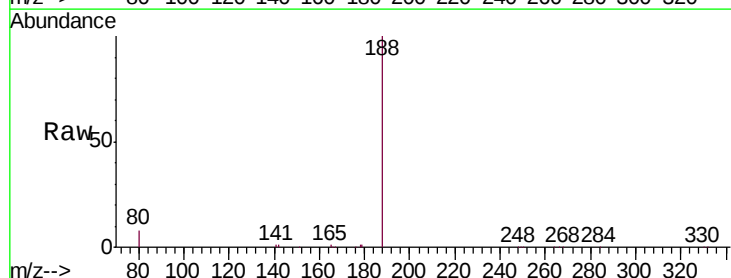
Tgt Ion:188 Resp: 39676

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

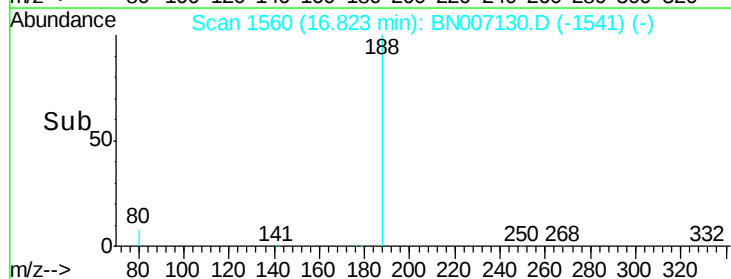
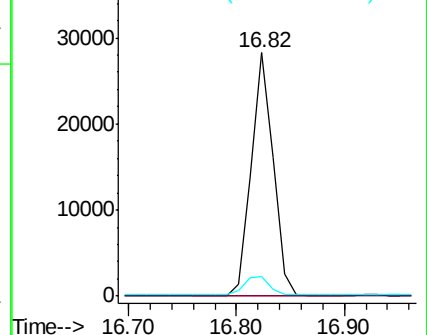
80 8.3 7.8 11.6

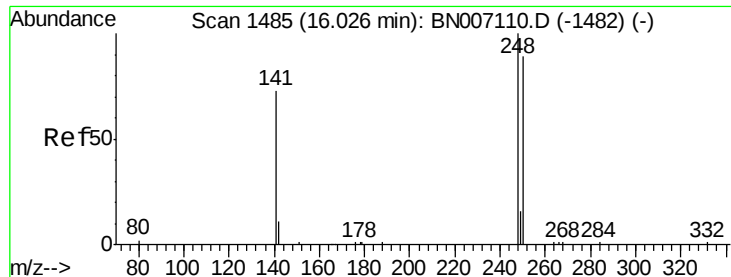


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#19

4-Bromophenyl-phenylether

Concen: 0.406 ng

RT: 16.03 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

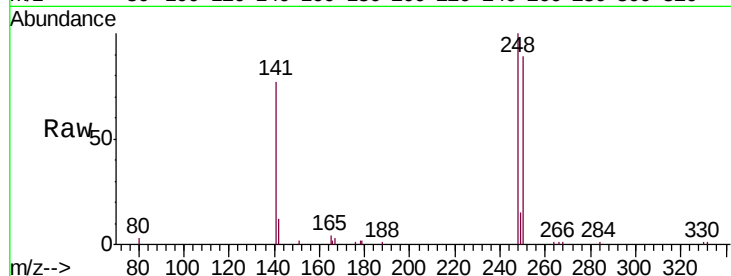
Tgt Ion:248 Resp: 9959

Ion Ratio Lower Upper

248 100

250 89.2 78.9 118.3

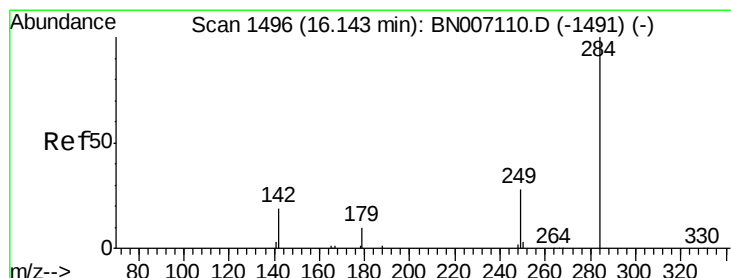
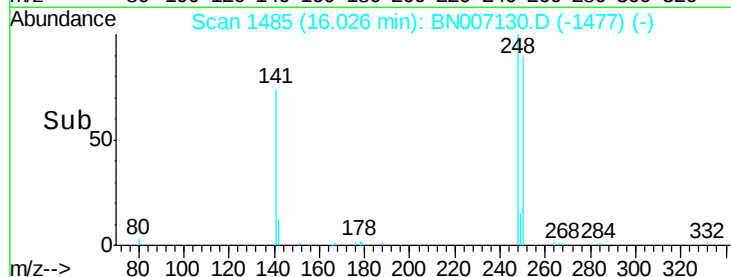
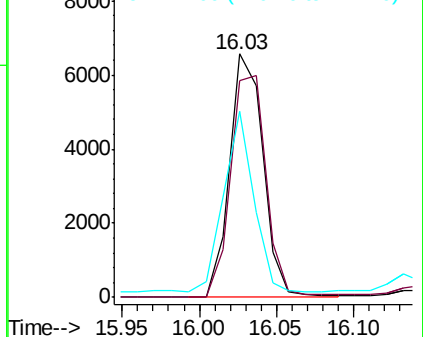
141 76.5 43.3 64.9#



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: 0.408 ng

RT: 16.14 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

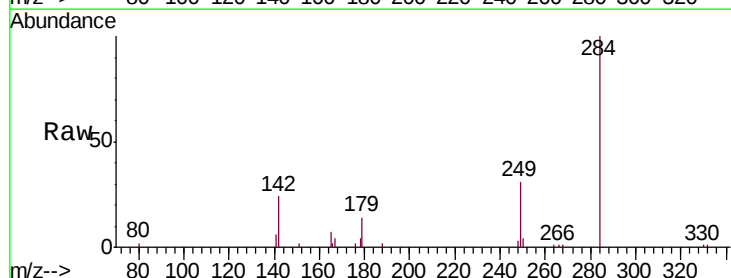
Tgt Ion:284 Resp: 9642

Ion Ratio Lower Upper

284 100

142 37.3 30.5 45.7

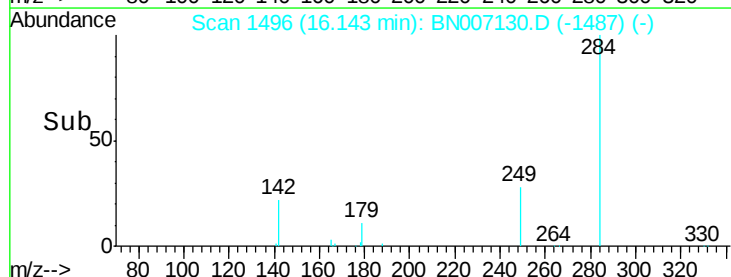
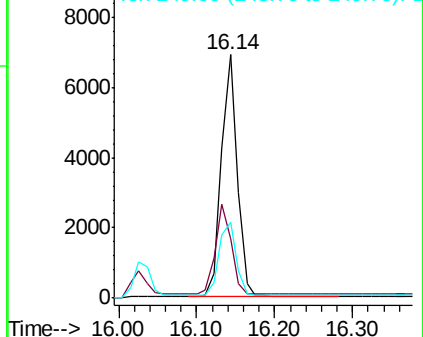
249 33.0 26.7 40.1

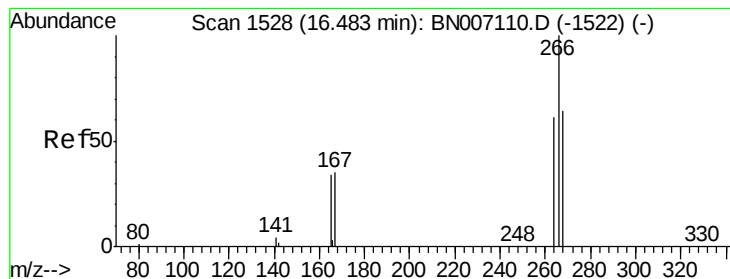


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.388 ng

RT: 16.48 min Scan# 1528

Delta R.T. -0.00 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

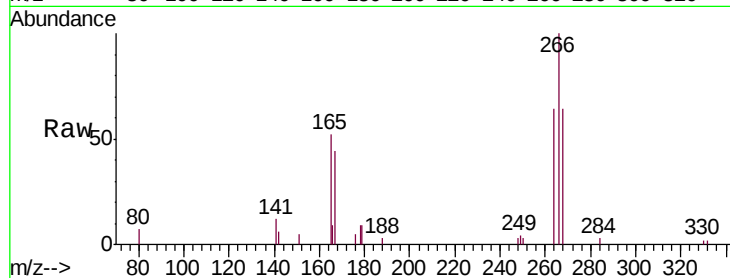
Tgt Ion:266 Resp: 3413

Ion Ratio Lower Upper

266 100

264 63.7 52.3 78.5

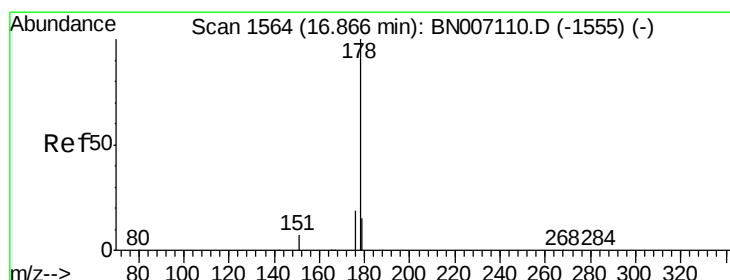
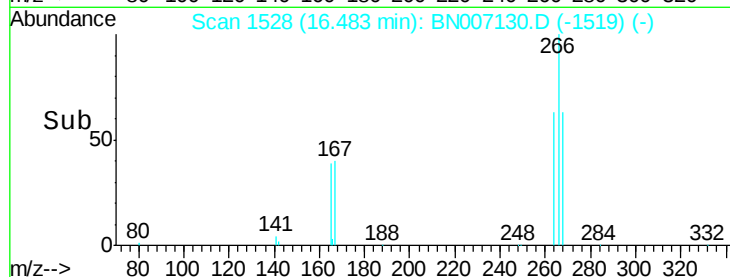
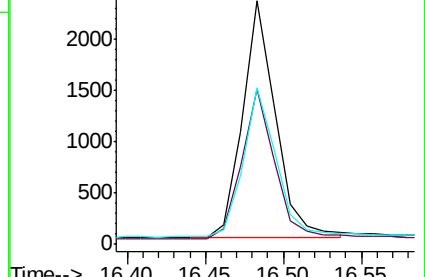
268 64.4 51.5 77.3



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: 0.387 ng

RT: 16.87 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

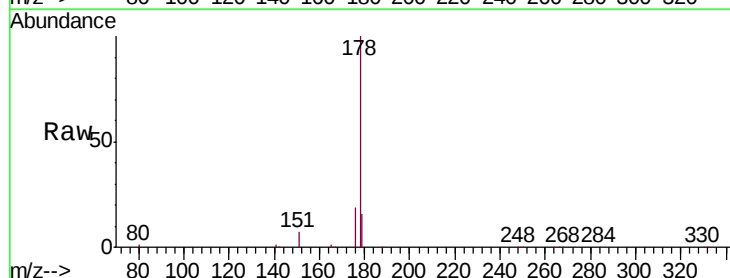
Tgt Ion:178 Resp: 46046

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

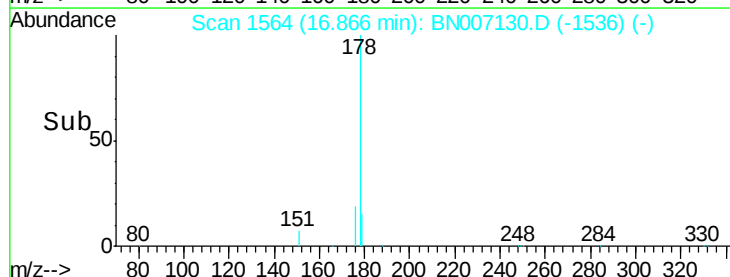
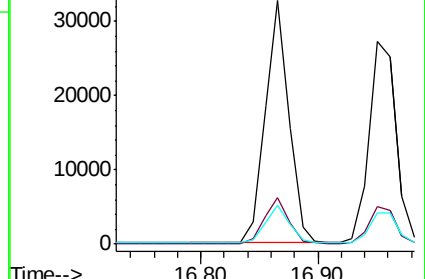
179 15.8 12.3 18.5

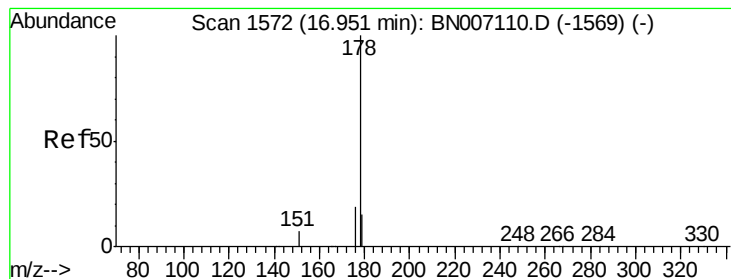


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.401 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

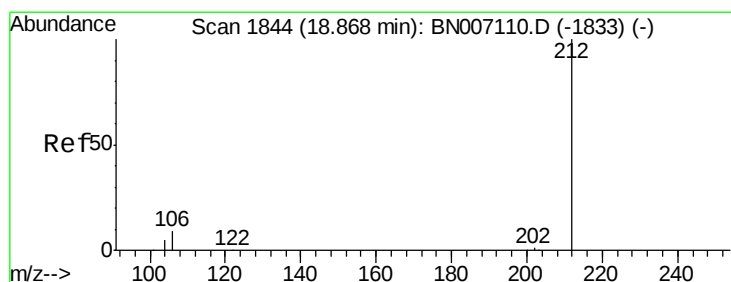
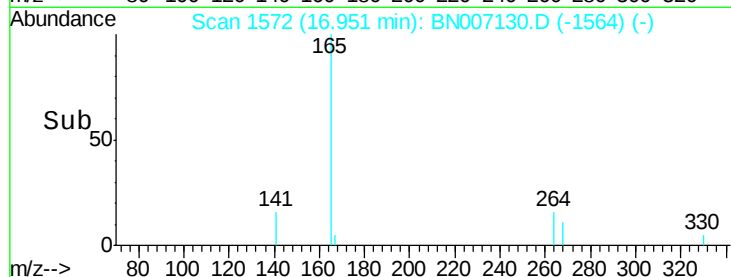
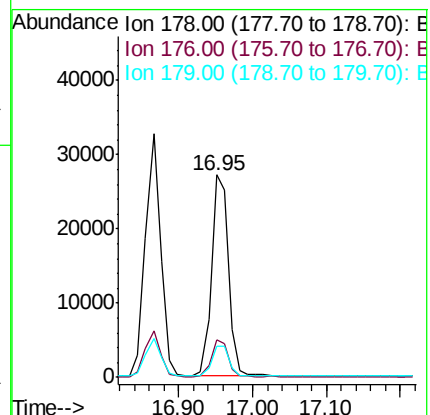
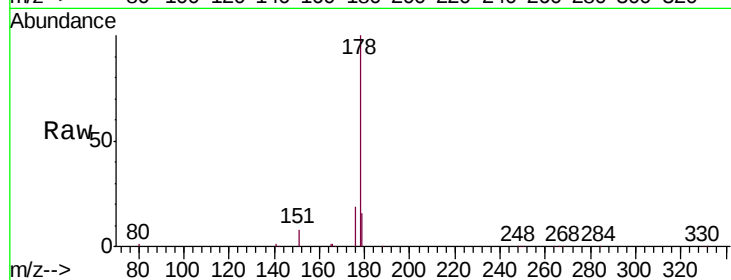
Tgt Ion:178 Resp: 43515

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

179 15.2 12.5 18.7



#24

Fluoranthene-d10

Concen: 0.358 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

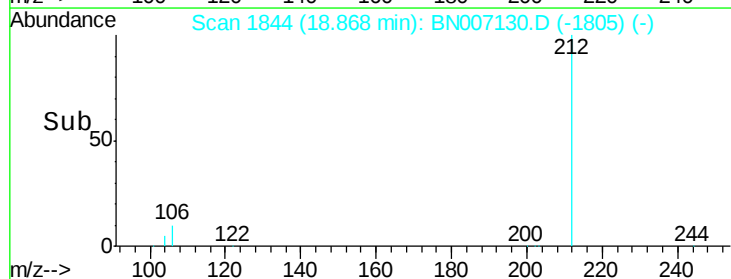
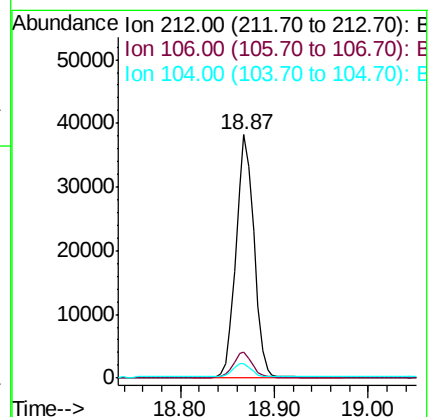
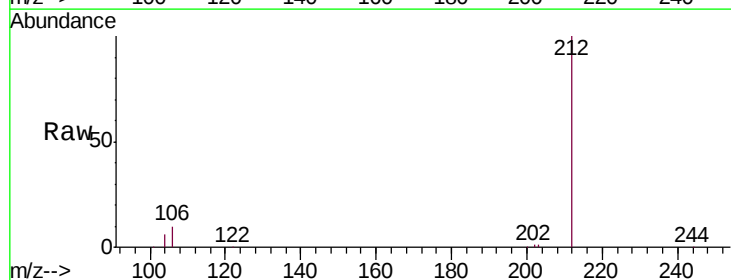
Tgt Ion:212 Resp: 50397

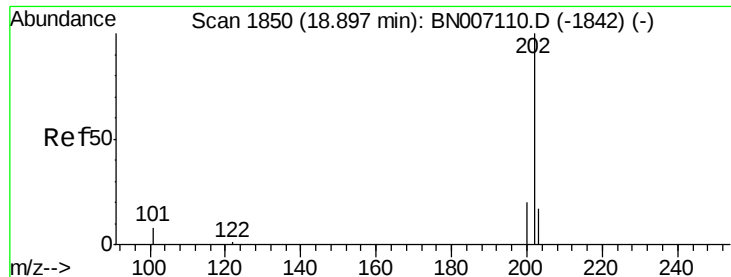
Ion Ratio Lower Upper

212 100

106 10.5 8.2 12.2

104 5.7 4.5 6.7





#25

Fluoranthene

Concen: 0.368 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

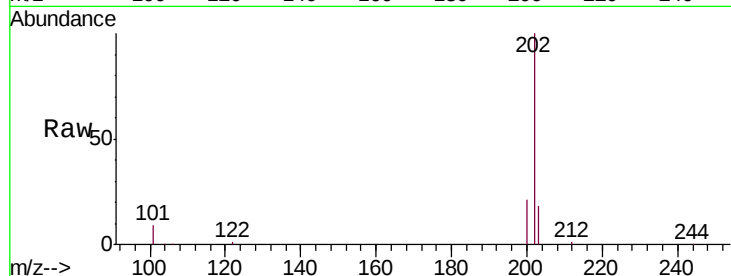
Tgt Ion:202 Resp: 56002

Ion Ratio Lower Upper

202 100

101 8.8 7.0 10.4

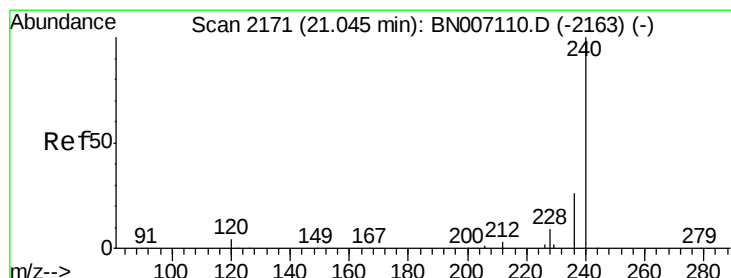
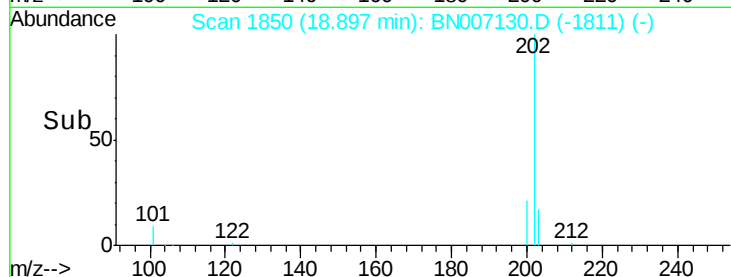
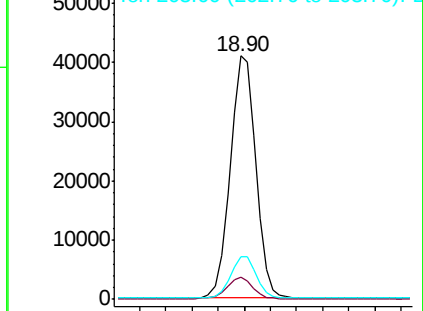
203 17.1 13.8 20.8



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: BN007130.D

Acq: 13 Aug 2019 14:07

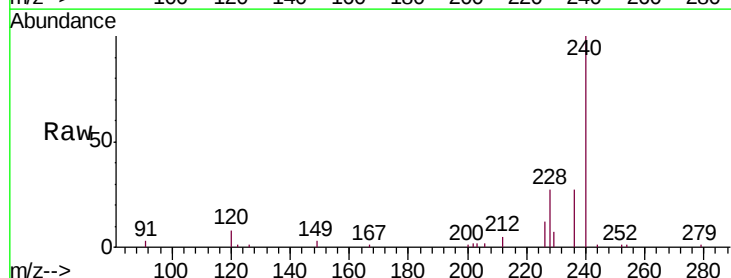
Tgt Ion:240 Resp: 40206

Ion Ratio Lower Upper

240 100

120 8.2 4.0 6.0#

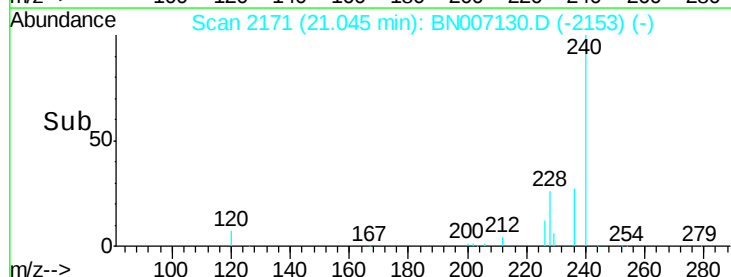
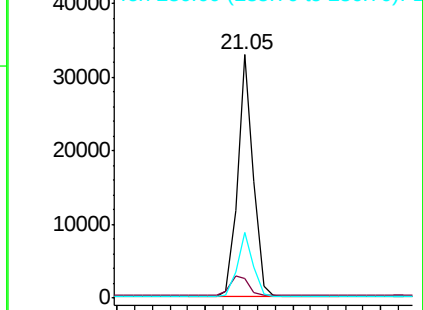
236 27.2 21.3 31.9

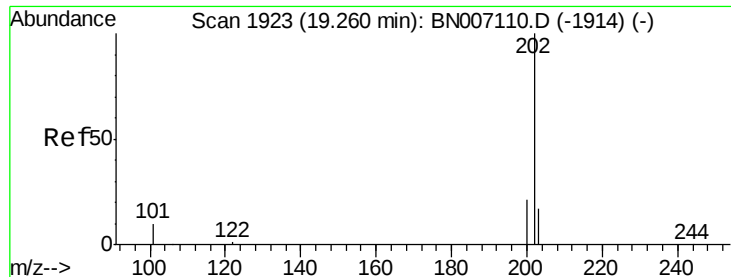


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

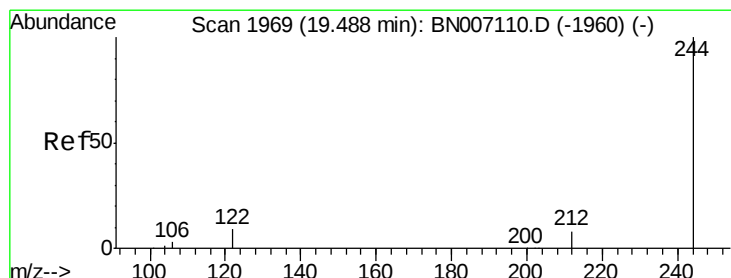
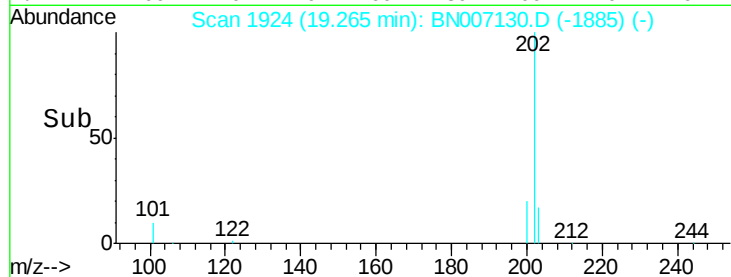
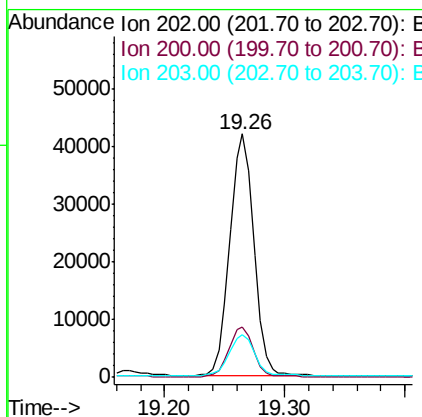
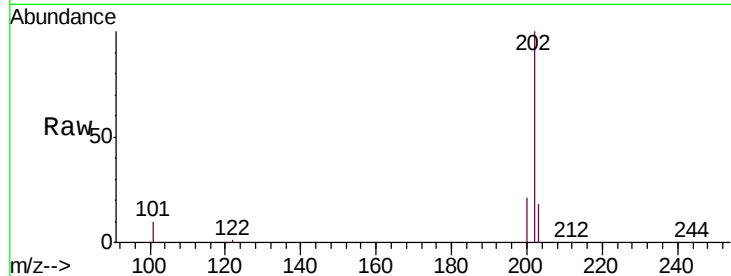




#27
 Pyrene
 Concen: 0.410 ng
 RT: 19.26 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BN007130.D
 Acq: 13 Aug 2019 14:07

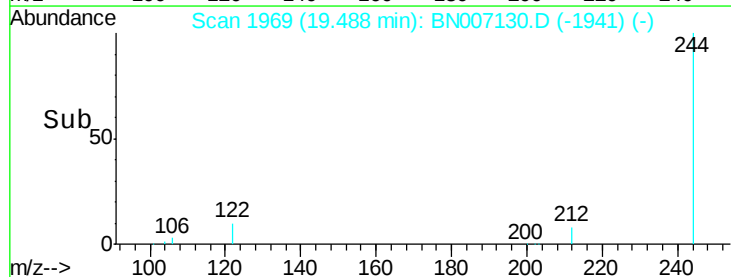
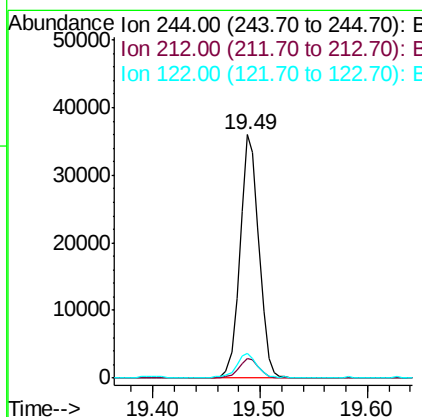
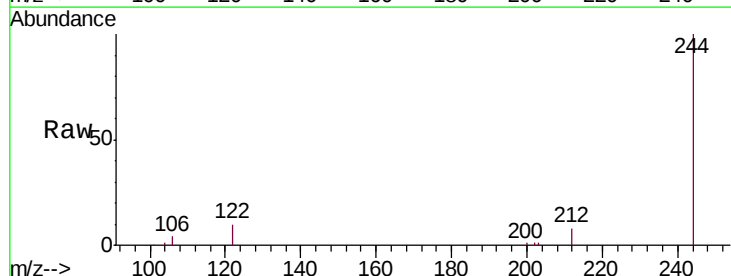
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

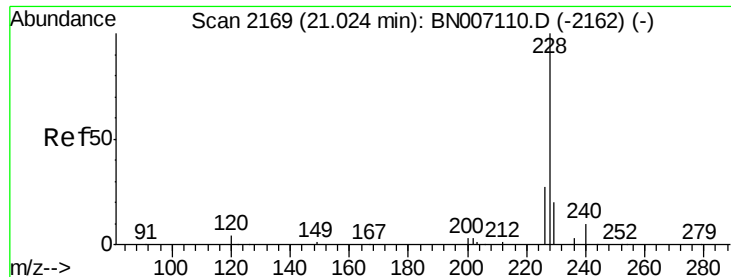
Tgt Ion: 202 Resp: 57771
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.6 24.8
 203 18.6 14.0 21.0



#28
 Terphenyl-d14
 Concen: 0.398 ng
 RT: 19.49 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BN007130.D
 Acq: 13 Aug 2019 14:07

Tgt Ion: 244 Resp: 43633
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 10.4 7.4 11.2





#29

Benzo(a)anthracene

Concen: 0.392 ng

RT: 21.03 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

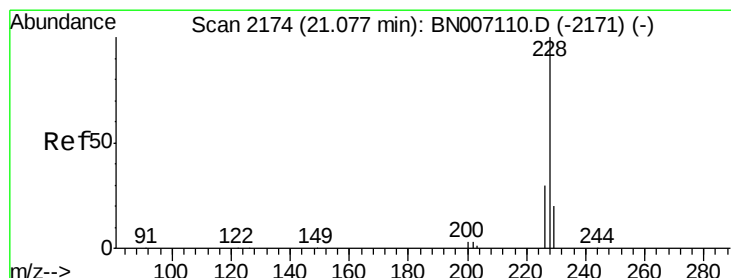
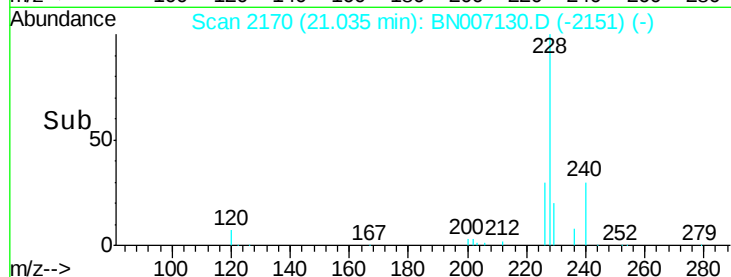
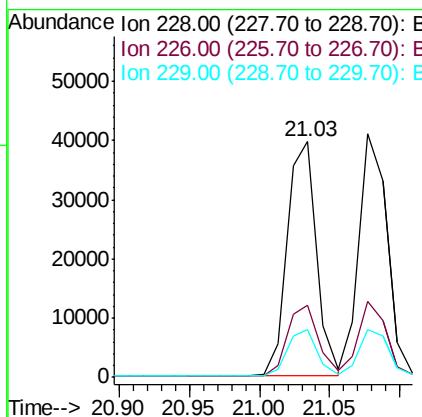
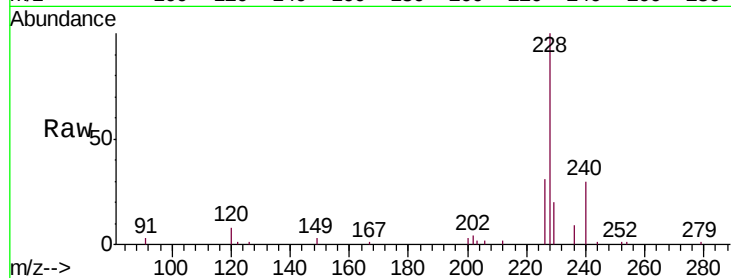
Tgt Ion:228 Resp: 57625

Ion Ratio Lower Upper

228 100

226 30.8 21.8 32.6

229 20.3 15.6 23.4



#30

Chrysene

Concen: 0.395 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

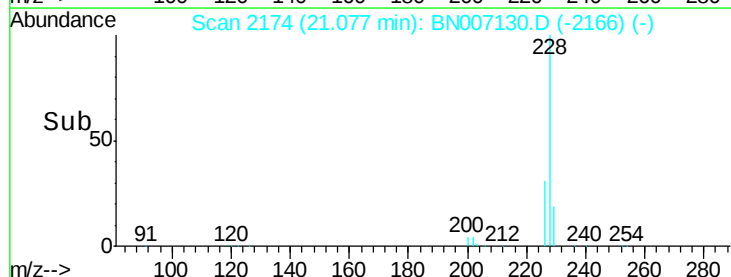
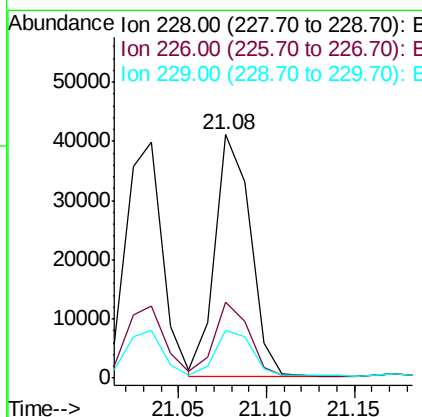
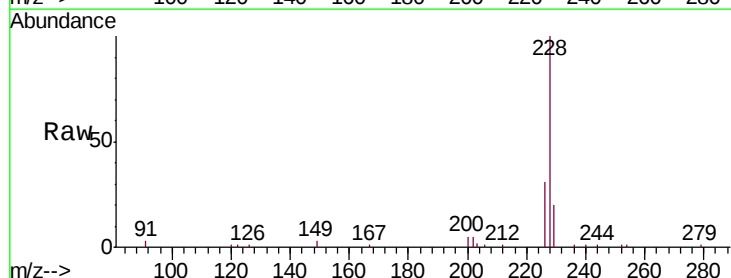
Tgt Ion:228 Resp: 56406

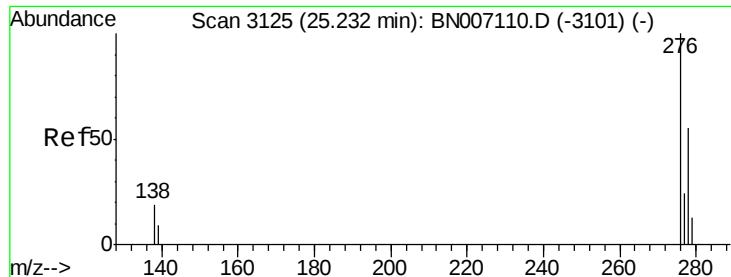
Ion Ratio Lower Upper

228 100

226 31.1 23.8 35.6

229 19.7 15.7 23.5





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.425 ng

RT: 25.24 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

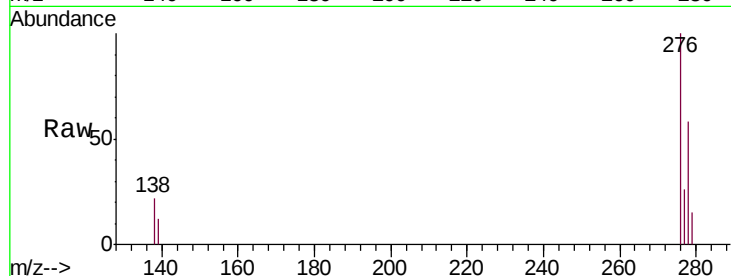
Tgt Ion:276 Resp: 66905

Ion Ratio Lower Upper

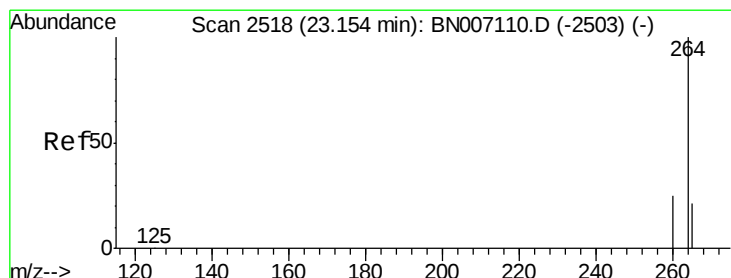
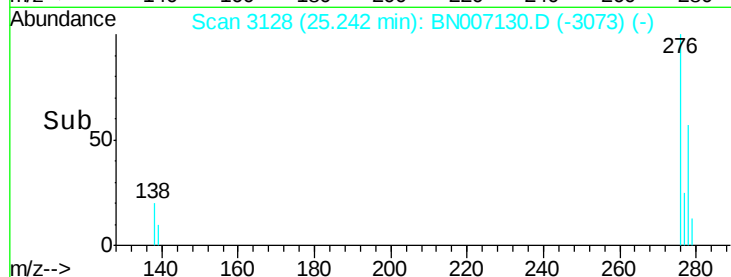
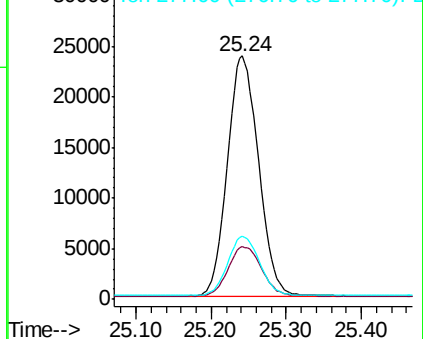
276 100

138 21.7 16.0 24.0

277 24.9 19.9 29.9



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



#32

Perylene-d12

Concen: 0.400 ng

RT: 23.16 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

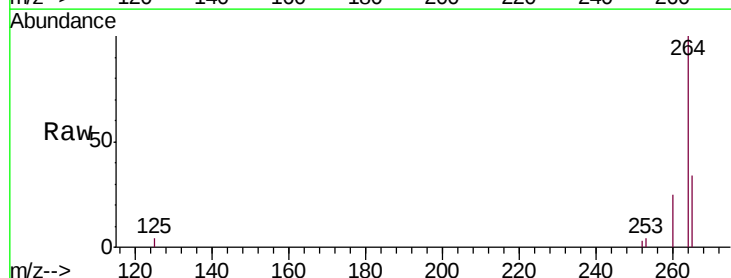
Tgt Ion:264 Resp: 44493

Ion Ratio Lower Upper

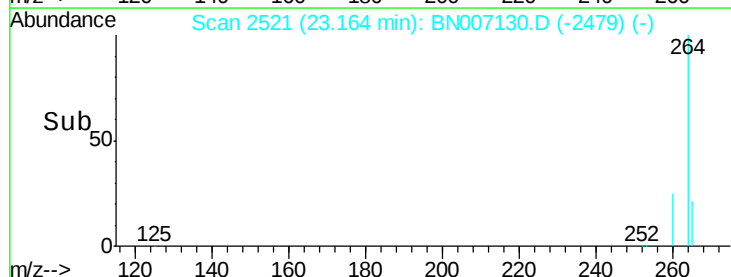
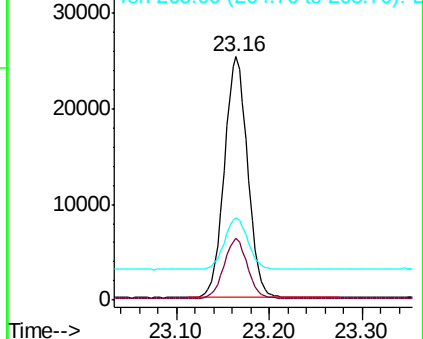
264 100

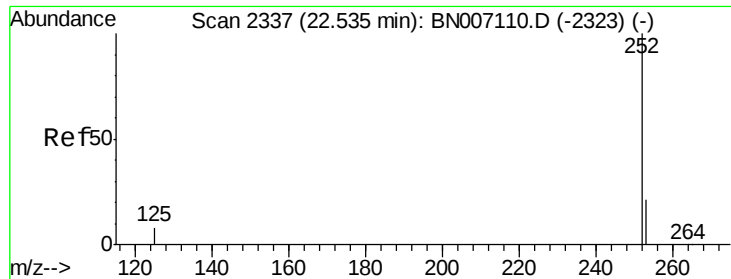
260 25.2 19.8 29.8

265 33.8 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: 0.384 ng

RT: 22.54 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

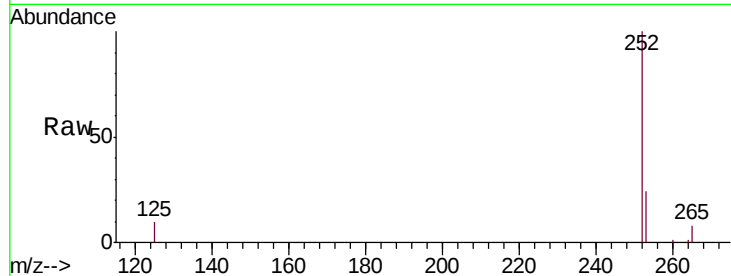
Tgt Ion:252 Resp: 58517

Ion Ratio Lower Upper

252 100

253 23.9 18.2 27.2

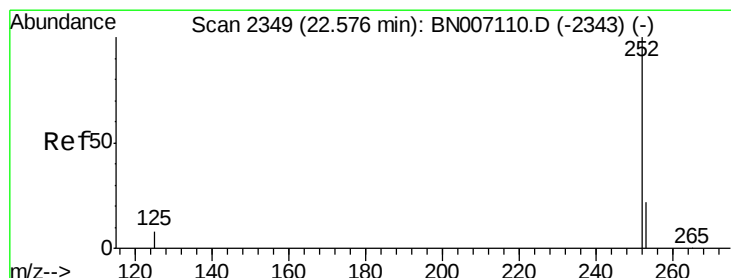
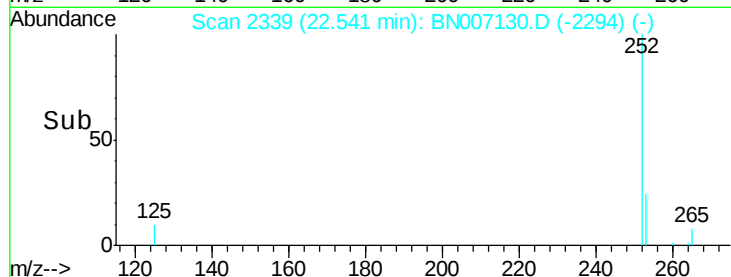
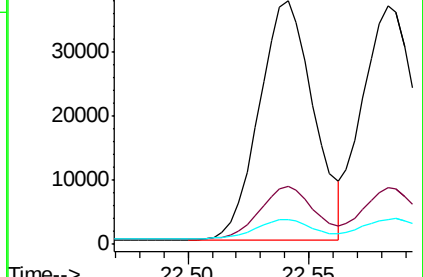
125 10.2 7.4 11.0



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



#34

Benzo(k)fluoranthene

Concen: 0.372 ng

RT: 22.58 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

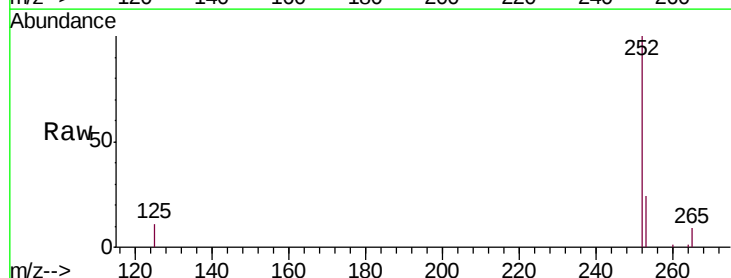
Tgt Ion:252 Resp: 55996

Ion Ratio Lower Upper

252 100

253 23.6 18.1 27.1

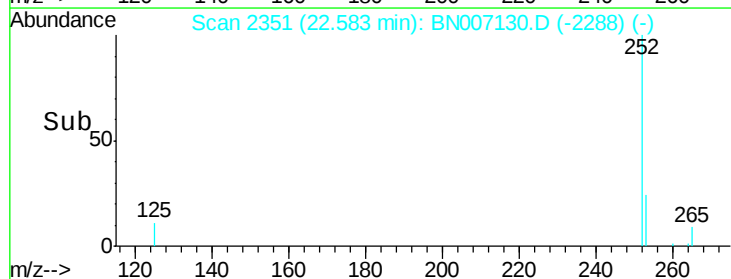
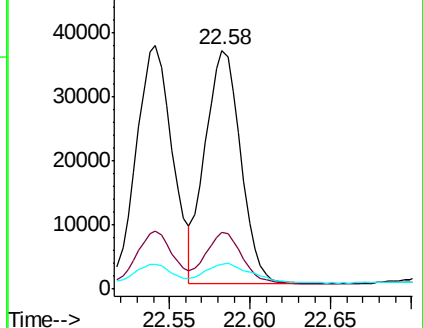
125 10.6 7.4 11.0

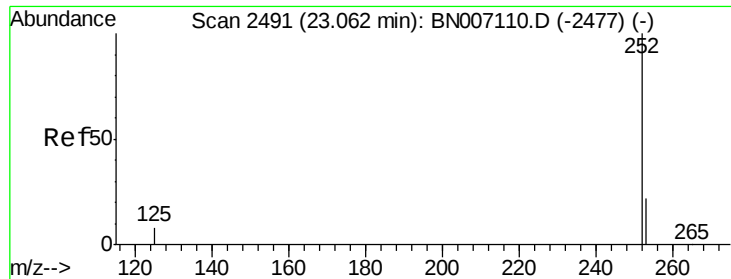


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.392 ng

RT: 23.07 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

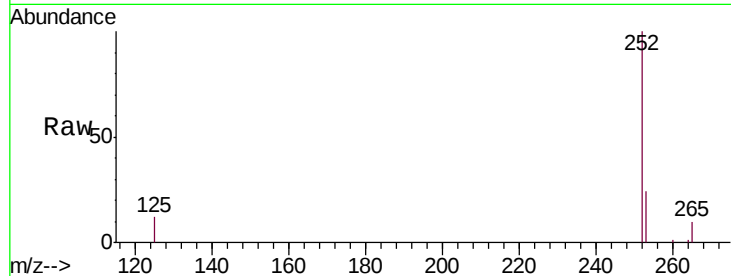
Tgt Ion:252 Resp: 54263

Ion Ratio Lower Upper

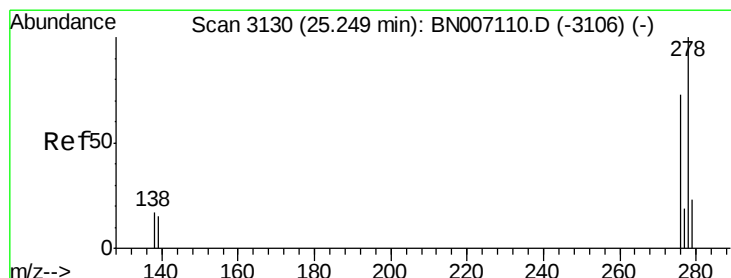
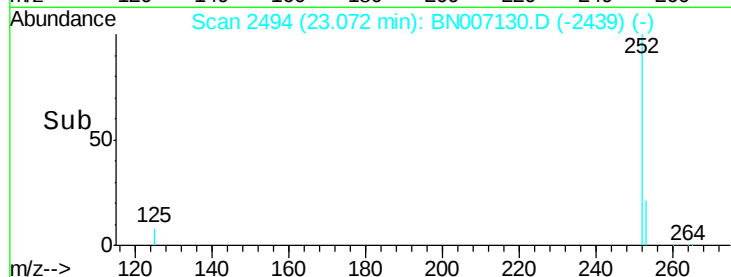
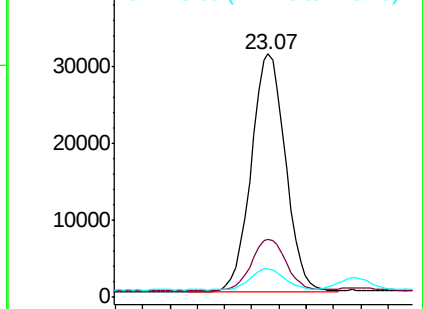
252 100

253 23.9 18.5 27.7

125 11.5 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: 25.26 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BN007130.D

Acq: 13 Aug 2019 14:07

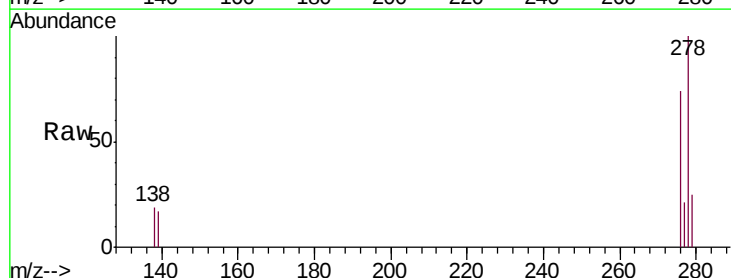
Tgt Ion:278 Resp: 54432

Ion Ratio Lower Upper

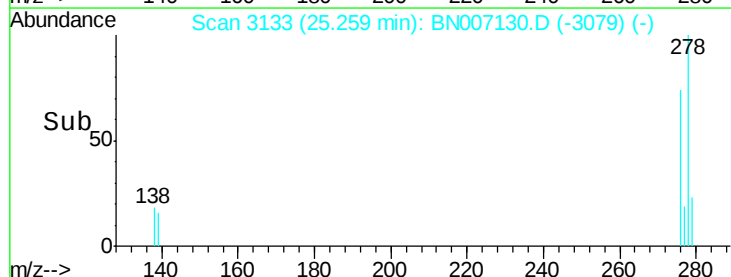
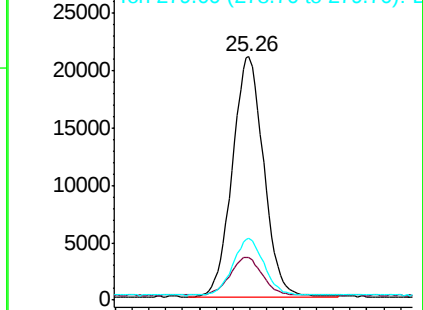
278 100

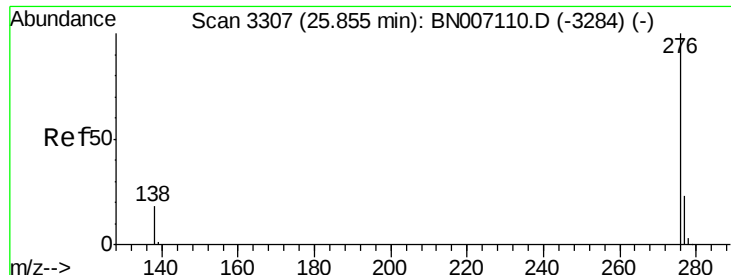
139 17.4 11.3 16.9#

279 25.2 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: 25.87 min Scan# 3311

Delta R.T. -0.01 min

Lab File: BN007130.D

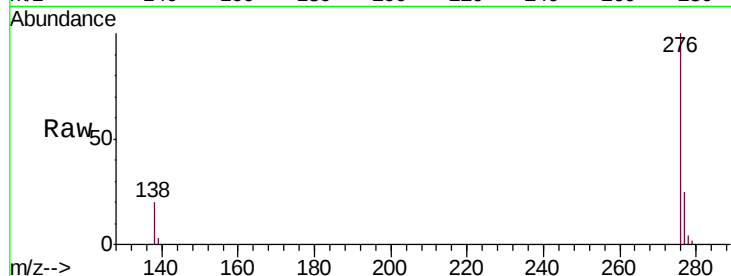
Acq: 13 Aug 2019 14:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4



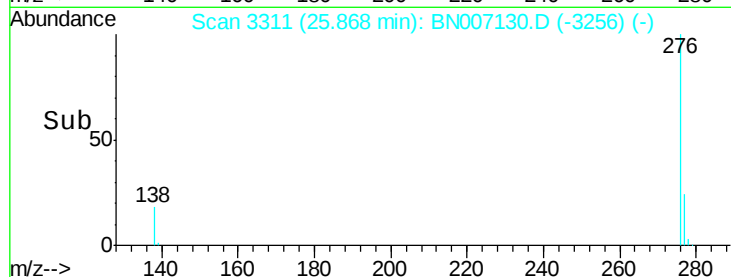
Tgt Ion: 276 Resp: 55090

Ion Ratio Lower Upper

276 100

277 25.3 19.8 29.8

138 19.7 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

