

Data File : BN007234.D
Acq On : 16 Aug 2019 21:49
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Aug 17 01:00:44 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	7.42	152	6192	0.40	ng	-0.02
6) Naphthalene-d8	10.17	136	23930	0.40	ng	-0.01
12) Acenaphthene-d10	14.07	164	13298	0.40	ng	-0.01
18) Phenanthrene-d10	16.81	188	30730	0.40	ng	-0.01
26) Chrysene-d12	21.03	240	30699	0.40	ng	-0.02
32) Perylene-d12	23.15	264	34245	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.05	112	6408	0.43	ng	0.00
4) Phenol-d6	6.61	99	8072	0.44	ng	0.00
7) Nitrobenzene-d5	8.55	82	8800	0.46	ng	-0.01
10) 2-Methylnaphthalene-d10	11.78	152	17160	0.38	ng	-0.02
13) 2,4,6-Tribromophenol	15.56	330	2742	0.38	ng	-0.01
14) 2-Fluorobiphenyl	12.71	172	1160	0.06	ng	0.00
24) Fluoranthene-d10	18.86	212	44314	0.41	ng	-0.01
28) Terphenyl-d14	19.48	244	38548	0.46	ng	-0.01

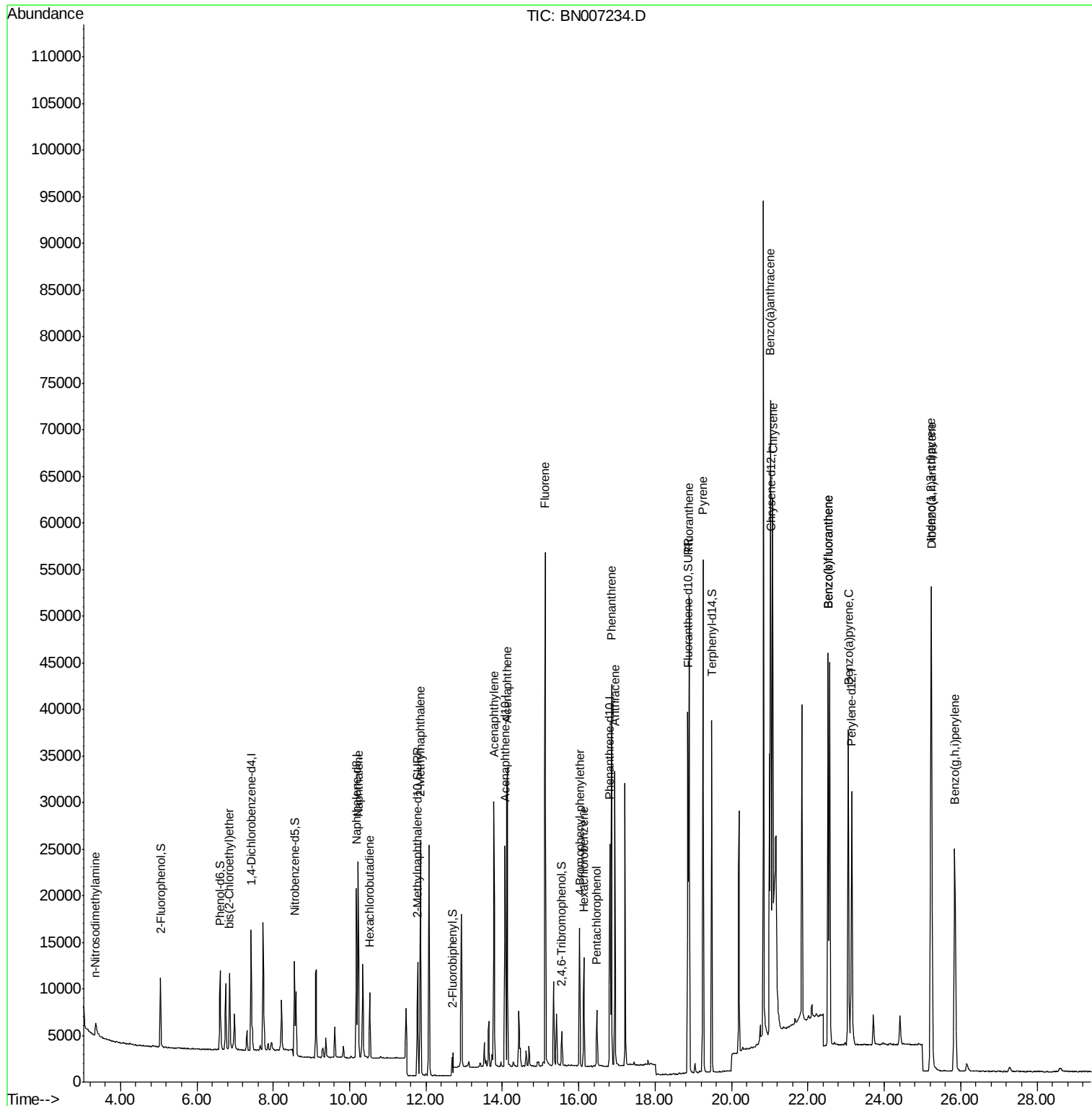
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.35	42	1618	0.397	ng	# 96
5) bis(2-Chloroethyl)ether	6.86	93	7030	0.432	ng	97
8) Naphthalene	10.23	128	25975	0.387	ng	100
9) Hexachlorobutadiene	10.53	225	5795	0.405	ng	# 99
11) 2-Methylnaphthalene	11.85	142	18373	0.386	ng	97
15) Acenaphthylene	13.78	152	31609	0.455	ng	100
16) Acenaphthene	14.13	154	18220	0.409	ng	99
17) Fluorene	15.12	166	24350	0.366	ng	98
19) 4-Bromophenyl-phenylether	16.03	248	7778	0.409	ng	92
20) Hexachlorobenzene	16.13	284	8443	0.462	ng	98
21) Pentachlorophenol	16.47	266	2892	0.425	ng	99
22) Phenanthrene	16.86	178	40028	0.435	ng	100
23) Anthracene	16.95	178	37112	0.441	ng	100
25) Fluoranthene	18.89	202	48674	0.413	ng	100
27) Pyrene	19.25	202	50159	0.466	ng	100
29) Benzo(a)anthracene	21.02	228	49205	0.438	ng	99
30) Chrysene	21.08	228	48475	0.444	ng	97
31) Indeno(1,2,3-cd)pyrene	25.22	276	58582	0.487	ng	98
33) Benzo(b)fluoranthene	22.53	252	49851	0.425	ng	99
34) Benzo(k)fluoranthene	22.53	252	49851	0.430	ng	99
35) Benzo(a)pyrene	23.06	252	46103	0.433	ng	99
36) Dibenzo(a,h)anthracene	25.24	278	47391	0.446	ng	97
37) Benzo(g,h,i)perylene	25.85	276	46845	0.429	ng	99

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

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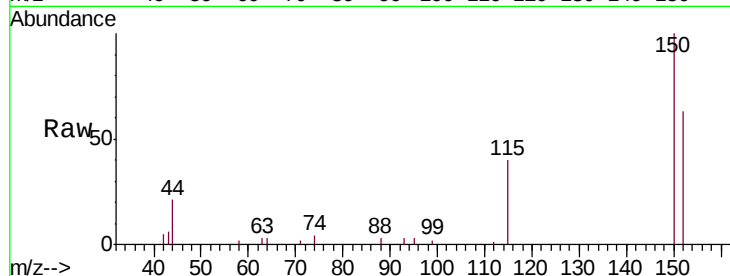


#1

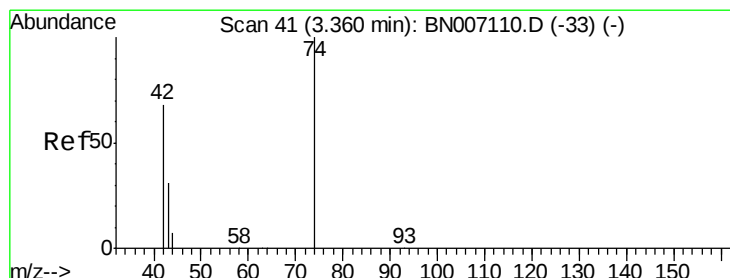
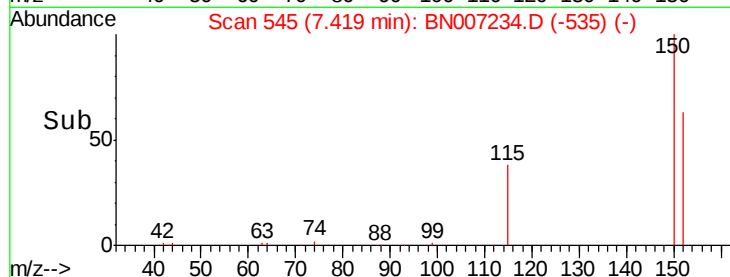
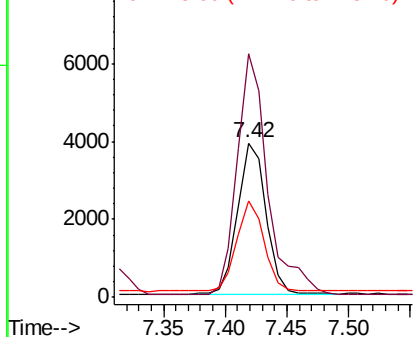
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.42 min Scan# 545
Delta R.T. -0.02 min
Lab File: BN007234.D
Acq: 16 Aug 2019 21:49

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6192
Ion Ratio Lower Upper
152 100
150 157.7 121.7 182.5
115 62.4 46.2 69.4



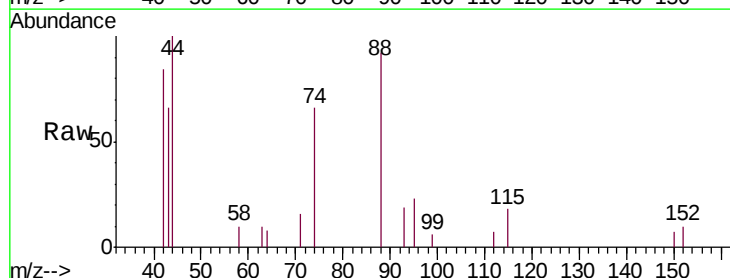
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



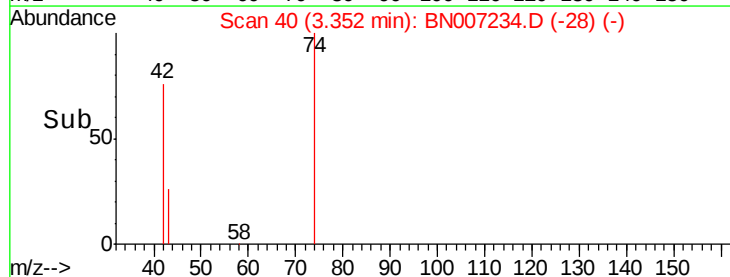
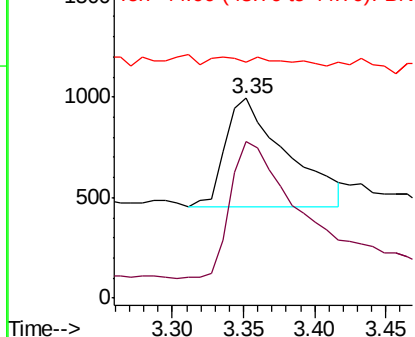
#2

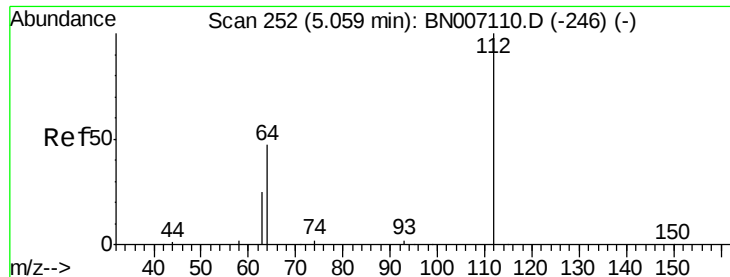
n-Nitrosodimethylamine
Concen: 0.397 ng
RT: 3.35 min Scan# 40
Delta R.T. -0.01 min
Lab File: BN007234.D
Acq: 16 Aug 2019 21:49

Tgt Ion: 42 Resp: 1618
Ion Ratio Lower Upper
42 100
74 132.9 110.6 166.0
44 3.2 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: 0.431 ng

RT: 5.05 min Scan# 251

Delta R.T. -0.01 min

Lab File: BN007234.D

Acq: 16 Aug 2019 21:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

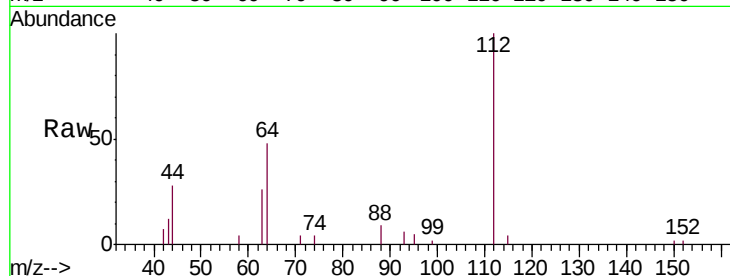
Tgt Ion: 112 Resp: 6408

Ion Ratio Lower Upper

112 100

64 51.9 42.6 63.8

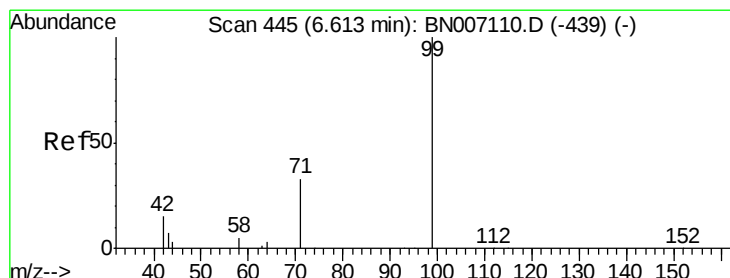
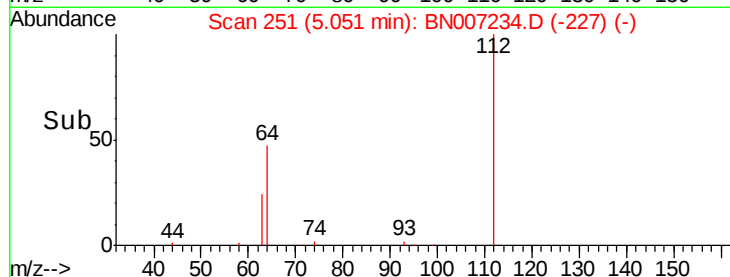
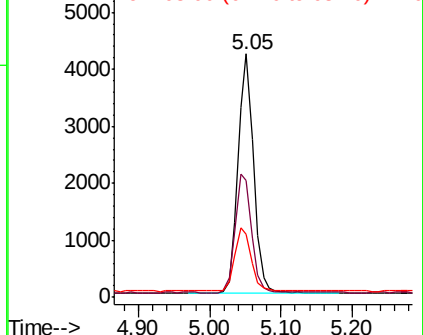
63 27.1 22.2 33.2



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: 0.438 ng

RT: 6.61 min Scan# 444

Delta R.T. -0.01 min

Lab File: BN007234.D

Acq: 16 Aug 2019 21:49

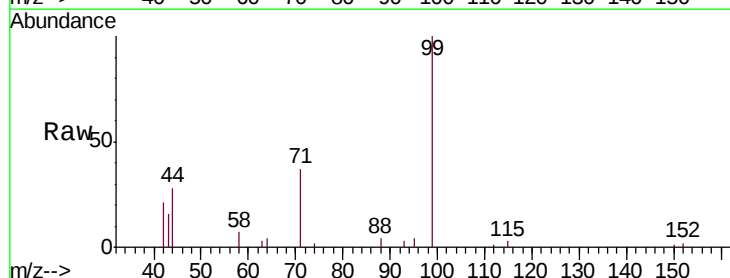
Tgt Ion: 99 Resp: 8072

Ion Ratio Lower Upper

99 100

42 17.5 15.8 23.6

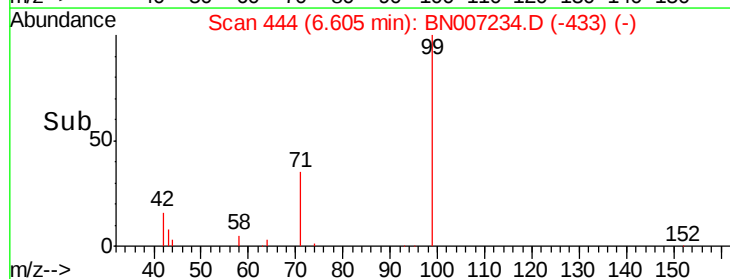
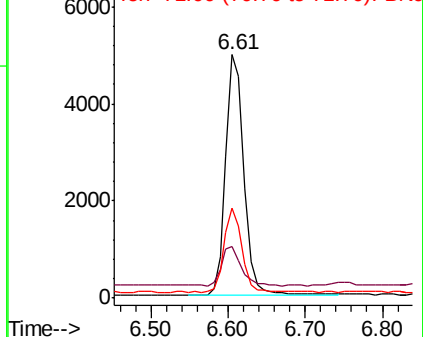
71 34.7 27.0 40.4

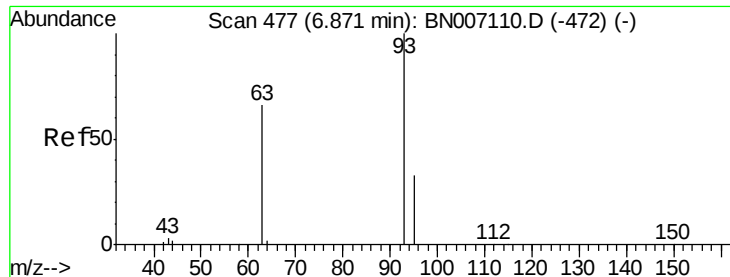


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#5

bis(2-Chloroethyl)ether

Concen: 0.432 ng

RT: 6.86 min Scan# 476

Delta R.T. -0.01 min

Lab File: BN007234.D

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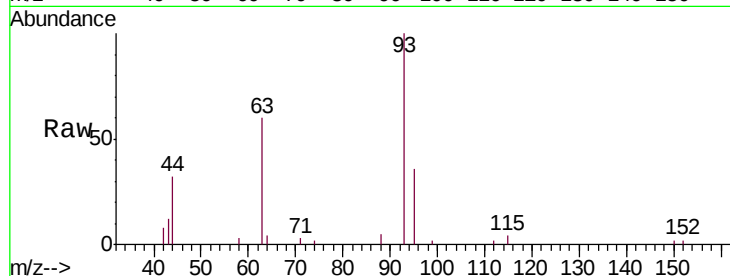
Tgt Ion: 93 Resp: 7030

Ion Ratio Lower Upper

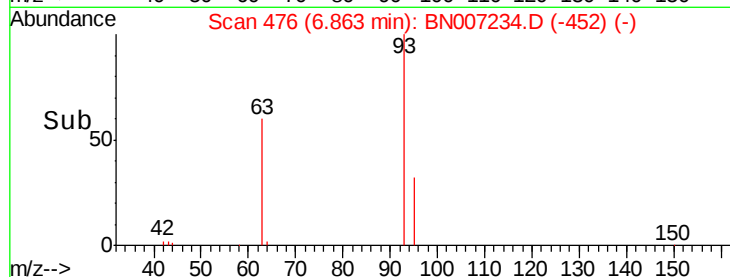
93 100

63 66.9 55.6 83.4

95 32.3 26.7 40.1



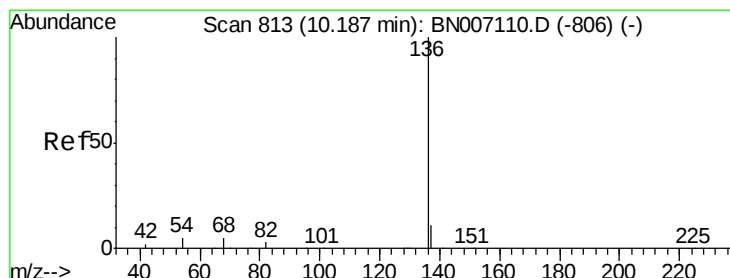
Abundance Ion 93.00 (92.70 to 93.70): BN007110.D (-472) (-)



Ion 63.00 (62.70 to 63.70): BN007234.D (-452) (-)

Ion 95.00 (94.70 to 95.70): BN007234.D (-452) (-)

Time-->



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.17 min Scan# 812

Delta R.T. -0.01 min

Lab File: BN007234.D

Acq: 16 Aug 2019 21:49

Tgt Ion: 136 Resp: 23930

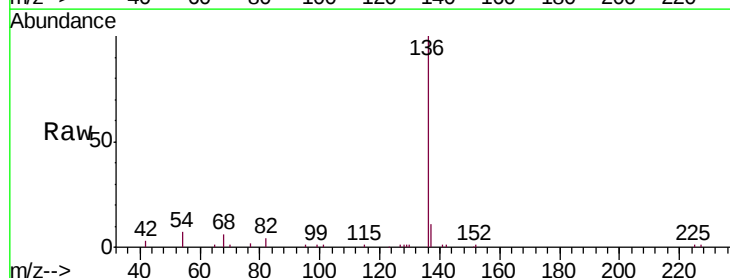
Ion Ratio Lower Upper

136 100

137 11.4 9.4 14.0

54 6.7 6.6 9.8

68 6.2 6.0 9.0



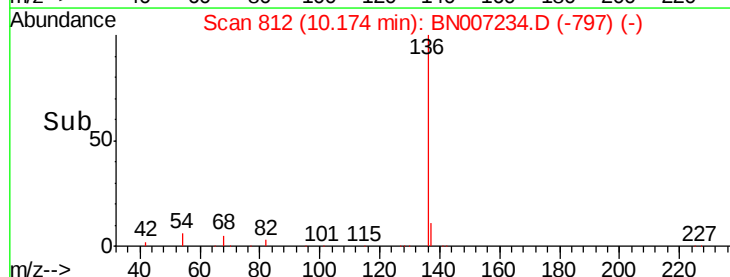
Abundance Ion 136.00 (135.70 to 136.70): BN007110.D (-806) (-)

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

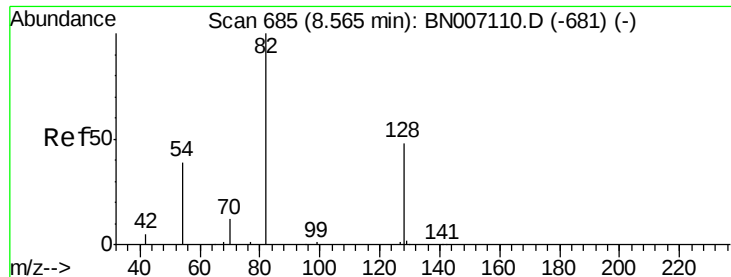
Ion 54.00 (53.70 to 54.70): BN007234.D (-797) (-)

Ion 68.00 (67.70 to 68.70): BN007234.D (-797) (-)

Time-->



Time-->



#7

Nitrobenzene-d5

Concen: 0.456 ng

RT: 8.55 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN007234.D

Acq: 16 Aug 2019 21:49

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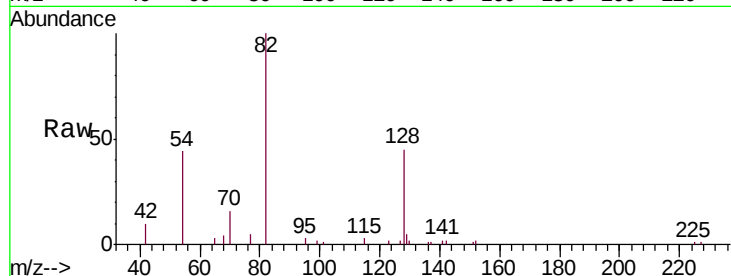
Tgt Ion: 82 Resp: 8800

Ion Ratio Lower Upper

82 100

128 45.3 34.6 51.8

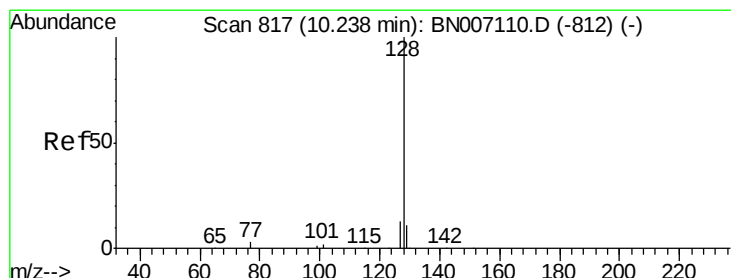
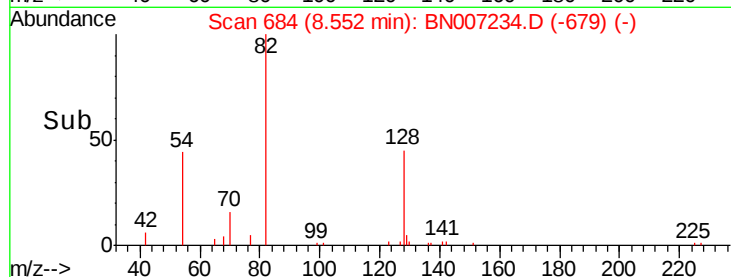
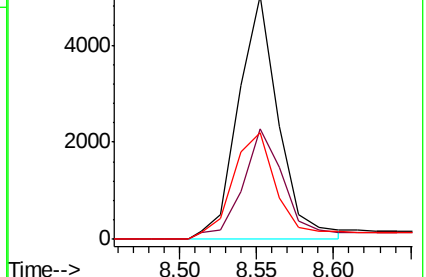
54 43.7 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BN007110.D (-681) (-)

Ion 128.00 (127.70 to 128.70): BN007110.D (-681) (-)

Ion 54.00 (53.70 to 54.70): BN007110.D (-681) (-)



#8

Naphthalene

Concen: 0.387 ng

RT: 10.23 min Scan# 816

Delta R.T. -0.01 min

Lab File: BN007234.D

Acq: 16 Aug 2019 21:49

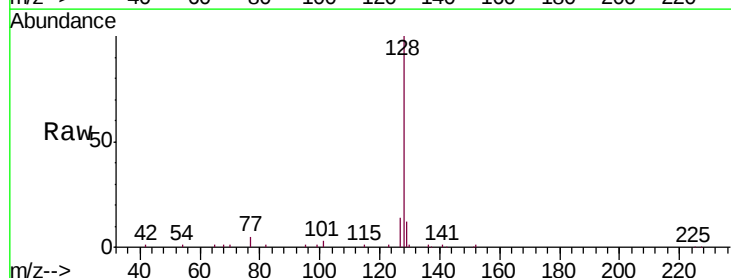
Tgt Ion: 128 Resp: 25975

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

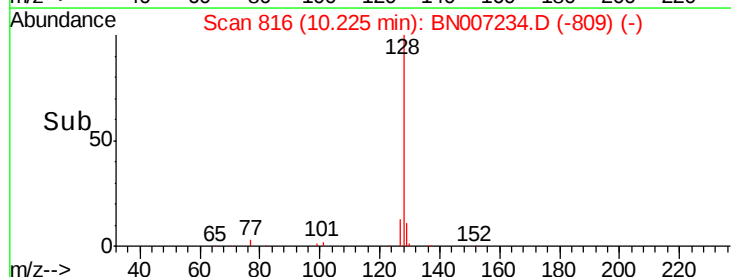
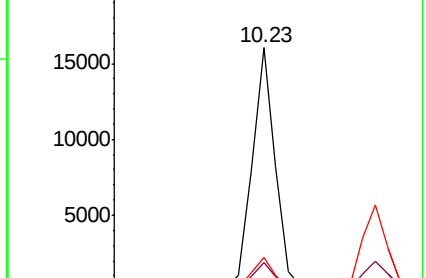
127 13.6 11.0 16.6

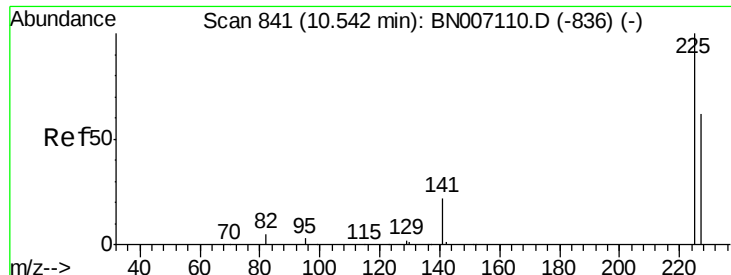


Abundance Ion 128.00 (127.70 to 128.70): BN007110.D (-812) (-)

Ion 129.00 (128.70 to 129.70): BN007110.D (-812) (-)

Ion 127.00 (126.70 to 127.70): BN007110.D (-812) (-)





#9

Hexachlorobutadiene

Concen: 0.405 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.03 min

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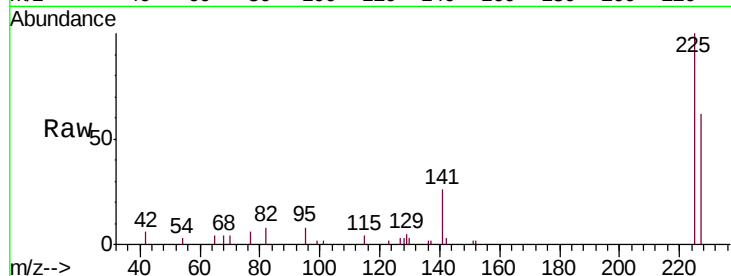
Tgt Ion: 225 Resp: 5795

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 62.9 51.1 76.7

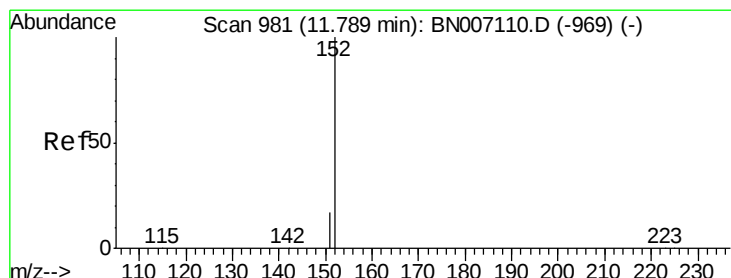
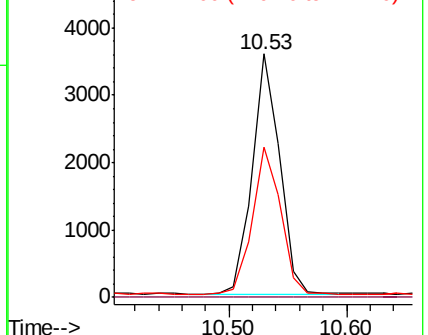
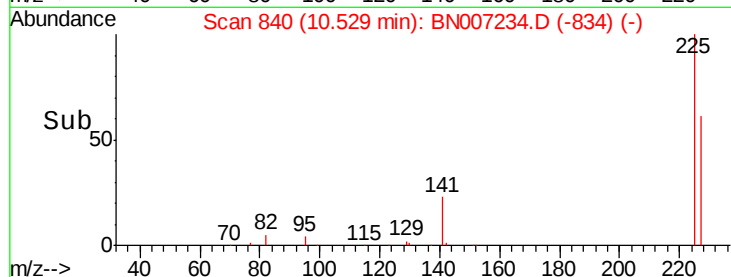


Abundance

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: 0.385 ng

RT: 11.78 min Scan# 978

Delta R.T. -0.02 min

Lab File: BN007234.D

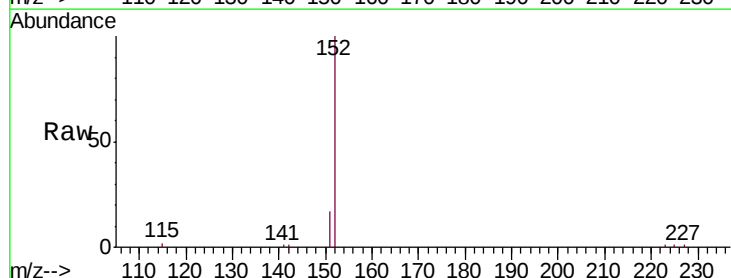
Acq: 16 Aug 2019 21:49

Tgt Ion: 152 Resp: 17160

Ion Ratio Lower Upper

152 100

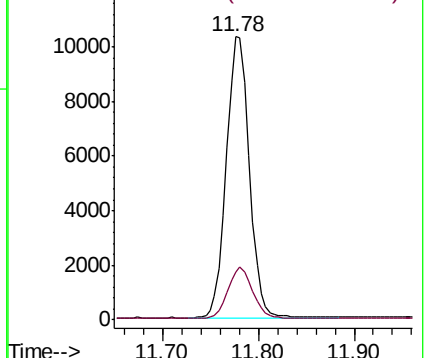
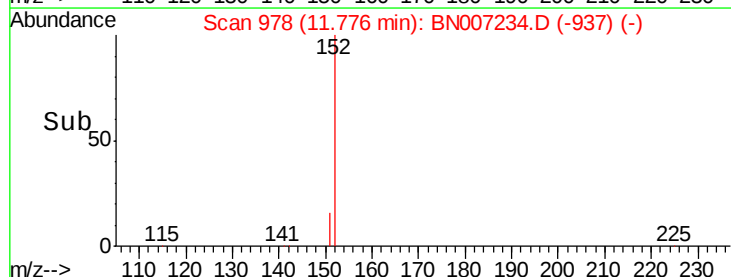
151 19.3 15.5 23.3

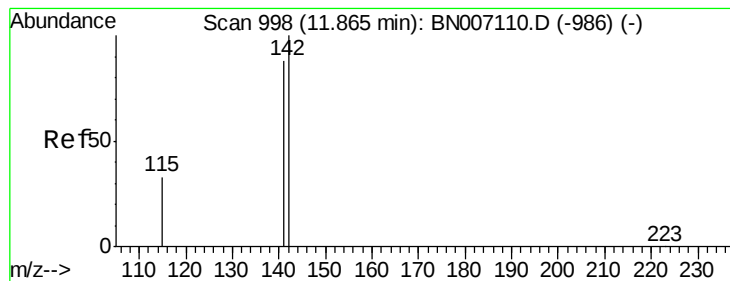


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.386 ng

RT: 11.85 min Scan# 995

Delta R.T. -0.02 min

Lab File: BN007234.D

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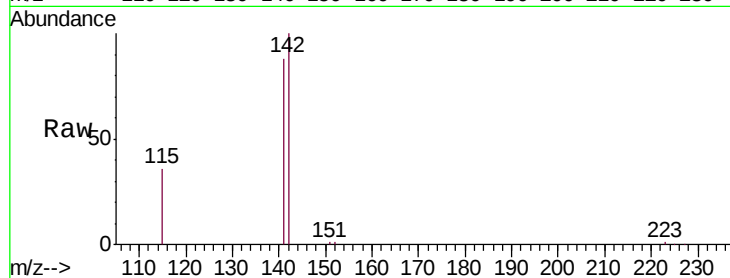
Tgt Ion:142 Resp: 18373

Ion Ratio Lower Upper

142 100

141 88.4 69.0 103.6

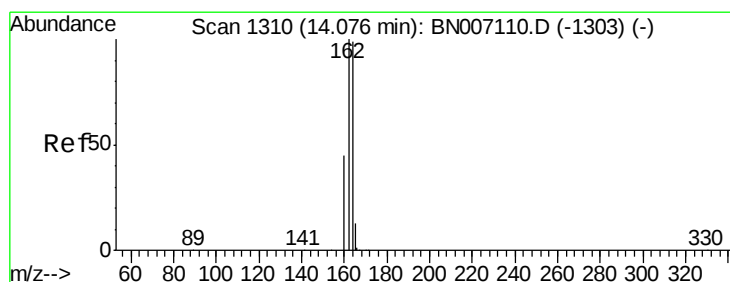
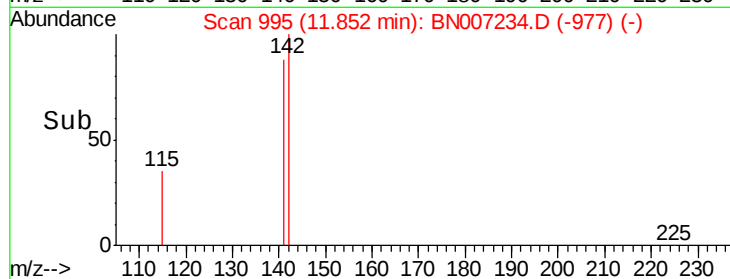
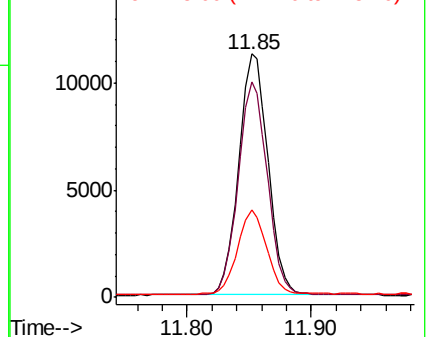
115 35.7 27.1 40.7



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: 14.07 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BN007234.D

Acq: 16 Aug 2019 21:49

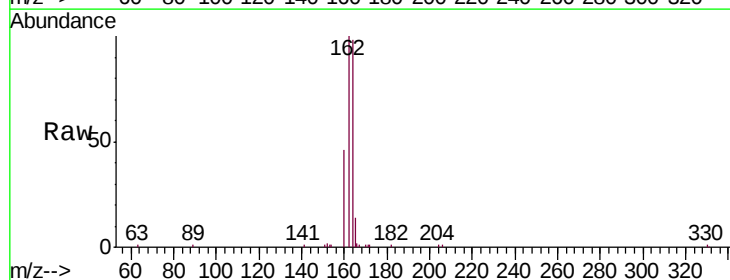
Tgt Ion:164 Resp: 13298

Ion Ratio Lower Upper

164 100

162 101.5 82.2 123.4

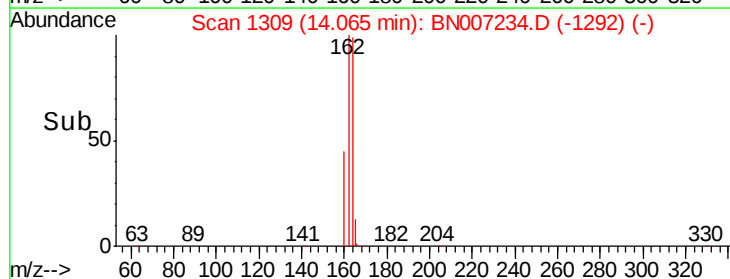
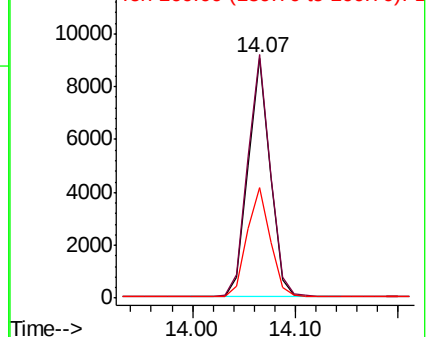
160 46.3 38.3 57.5

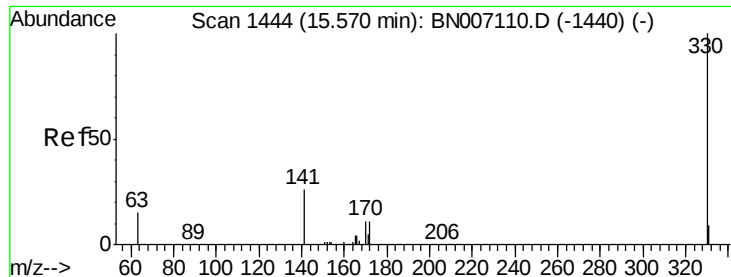


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

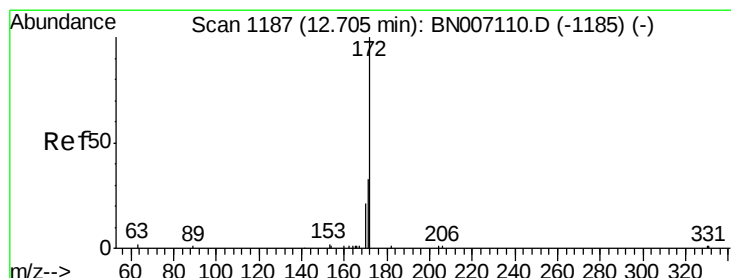
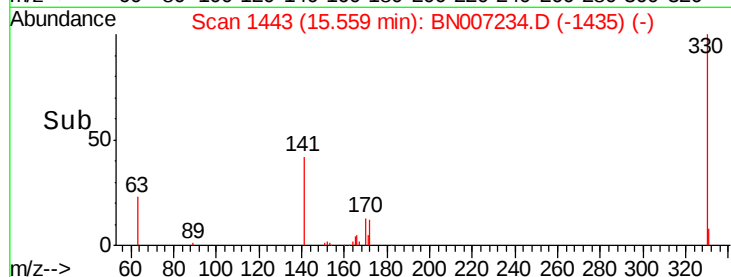
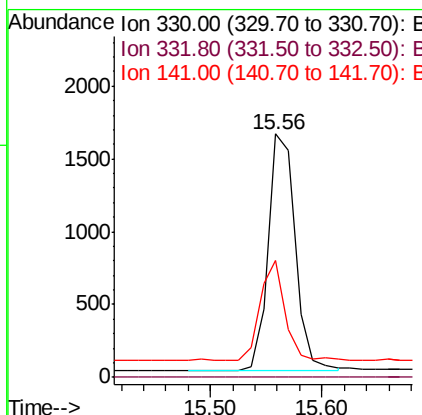
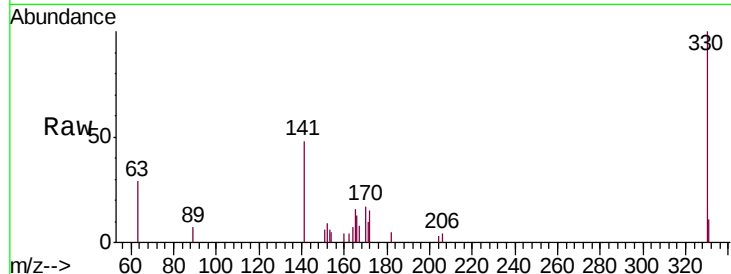




#13
 2,4,6-Tribromophenol
 Concen: 0.383 ng
 RT: 15.56 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BN007234.D
 Acq: 16 Aug 2019 21:49

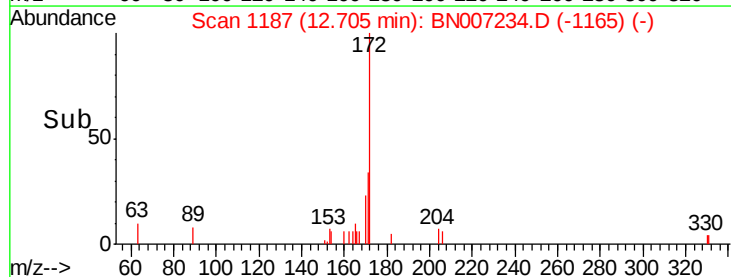
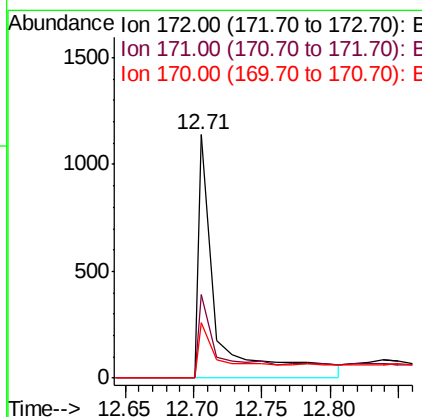
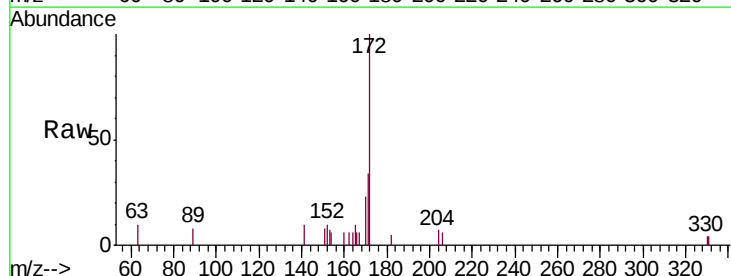
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

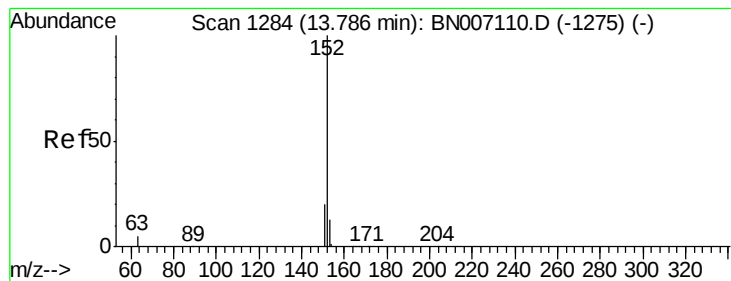
Tgt Ion: 330 Resp: 2742
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 39.0 33.6 50.4



#14
 2-Fluorobiphenyl
 Concen: 0.060 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007234.D
 Acq: 16 Aug 2019 21:49

Tgt Ion: 172 Resp: 1160
 Ion Ratio Lower Upper
 172 100
 171 34.4 26.3 39.5
 170 22.8 17.0 25.4





#15

Acenaphthylene

Concen: 0.455 ng

RT: 13.78 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BN007234.D

Acq: 16 Aug 2019 21:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

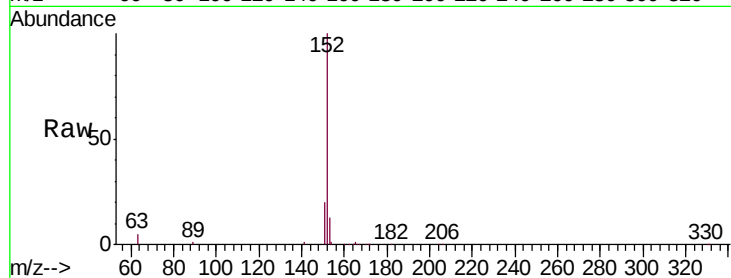
Tgt Ion:152 Resp: 31609

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

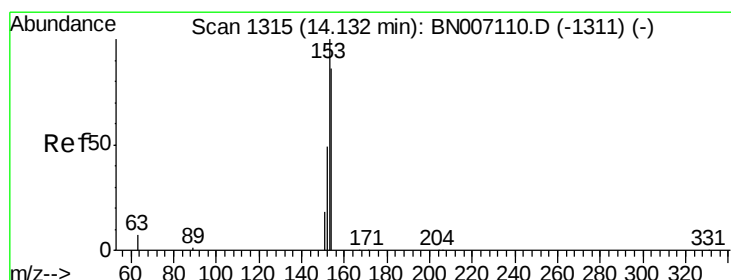
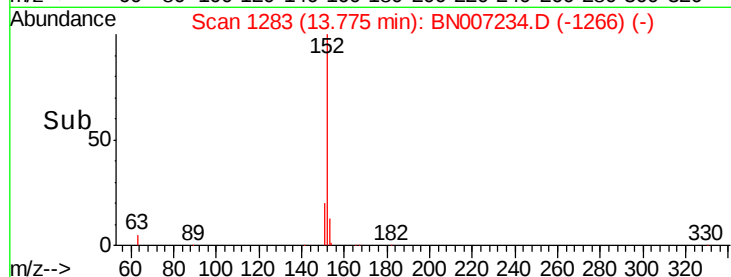
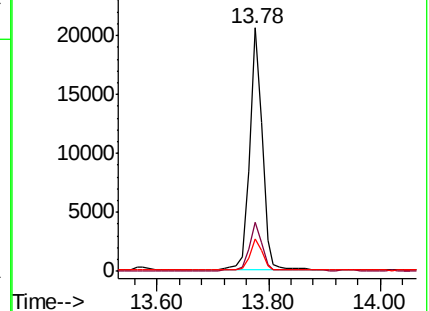
153 13.0 10.4 15.6



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: 0.409 ng

RT: 14.13 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN007234.D

Acq: 16 Aug 2019 21:49

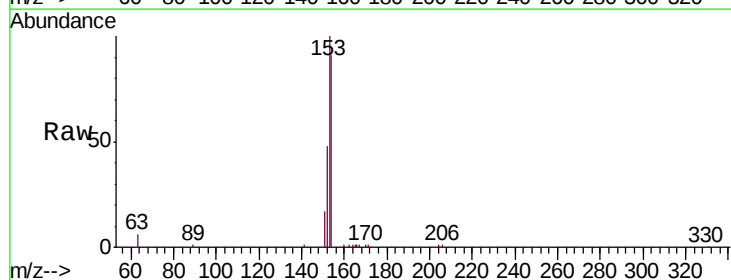
Tgt Ion:154 Resp: 18220

Ion Ratio Lower Upper

154 100

153 111.4 89.5 134.3

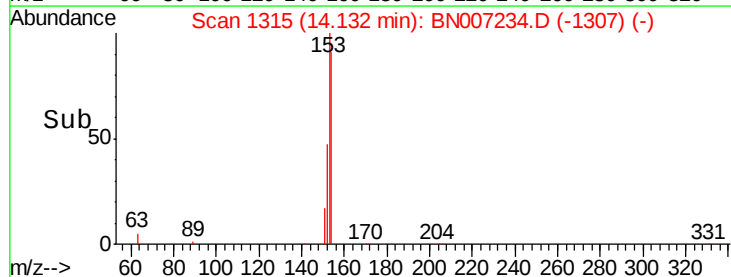
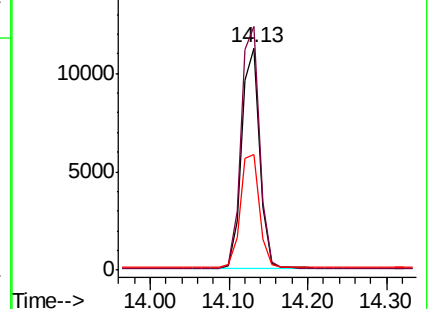
152 54.1 44.8 67.2

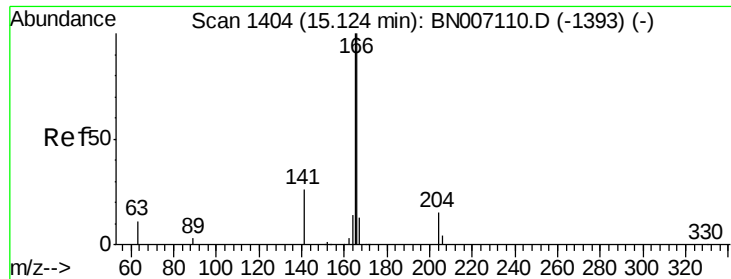


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

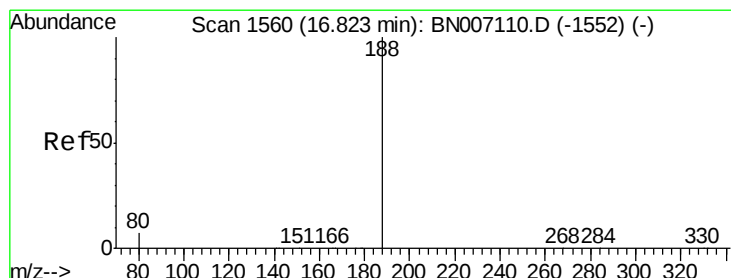
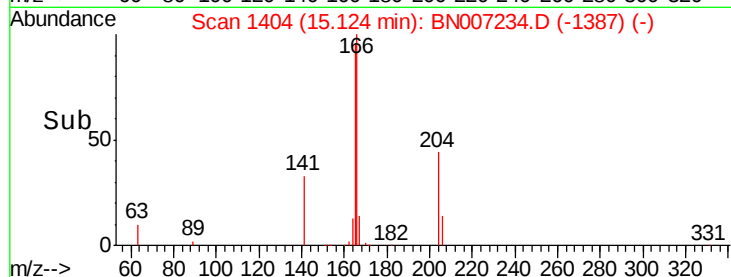
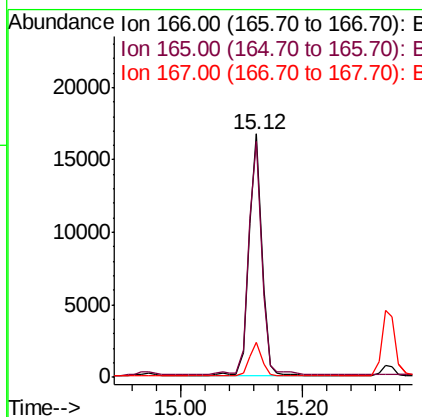
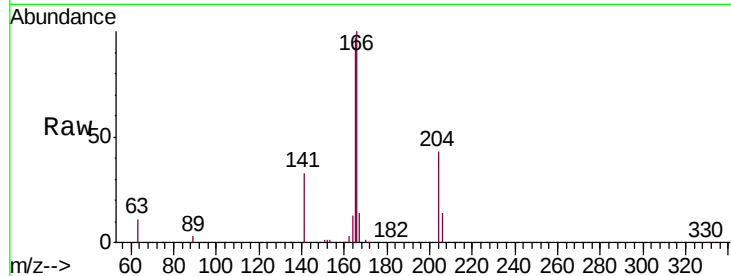




#17
Fluorene
 Concen: 0.366 ng
 RT: 15.12 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BN007234.D
 Acq: 16 Aug 2019 21:49

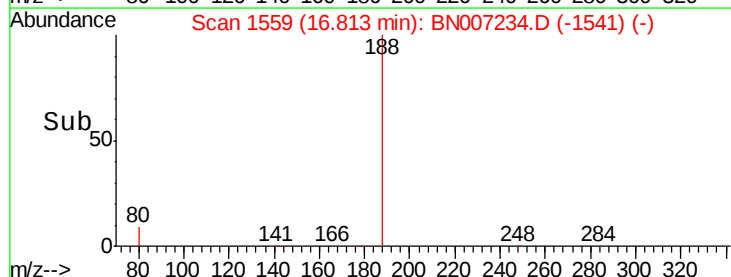
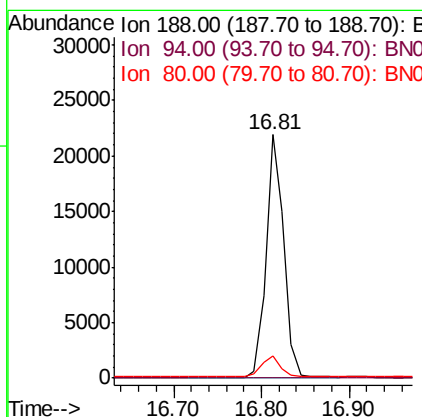
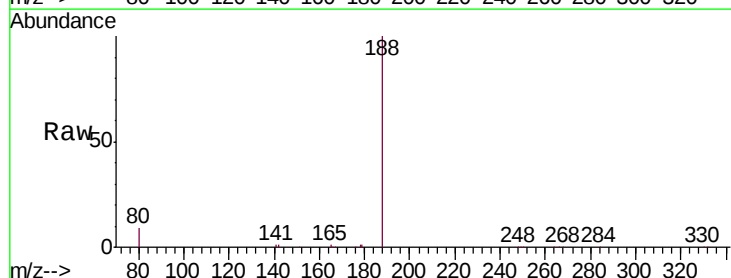
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

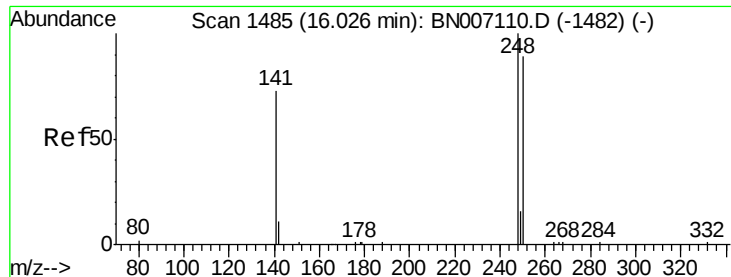
Tgt Ion:166 Resp: 24350
 Ion Ratio Lower Upper
 166 100
 165 100.1 77.9 116.9
 167 13.5 10.9 16.3



#18
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.81 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BN007234.D
 Acq: 16 Aug 2019 21:49

Tgt Ion:188 Resp: 30730
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.2 7.8 11.6





#19

4-Bromophenyl-phenylether

Concen: 0.409 ng

RT: 16.03 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN007234.D

Acq: 16 Aug 2019 21:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

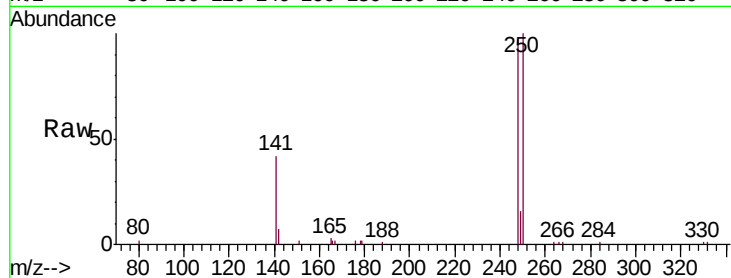
Tgt Ion:248 Resp: 7778

Ion Ratio Lower Upper

248 100

250 103.0 78.9 118.3

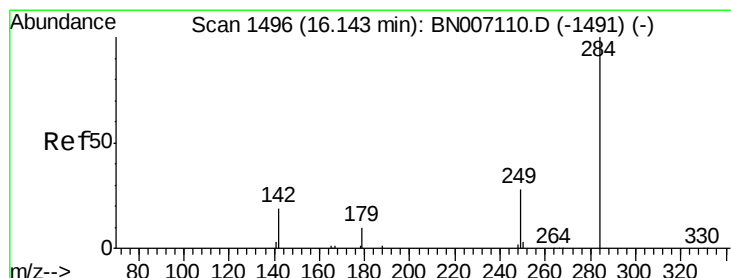
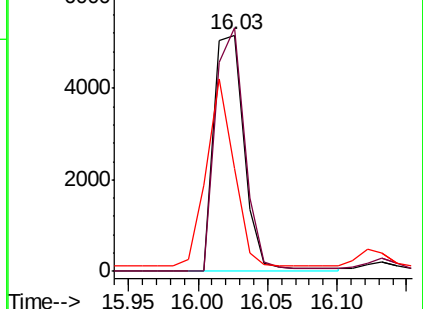
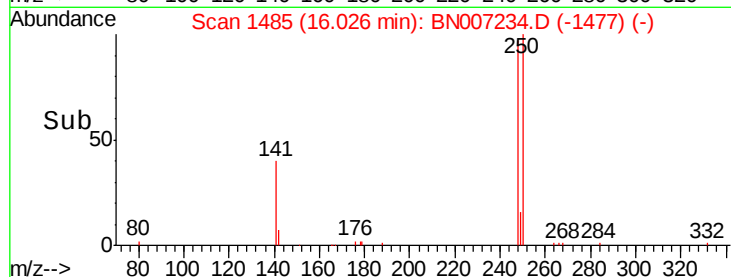
141 43.5 43.3 64.9



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: 0.462 ng

RT: 16.13 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BN007234.D

Acq: 16 Aug 2019 21:49

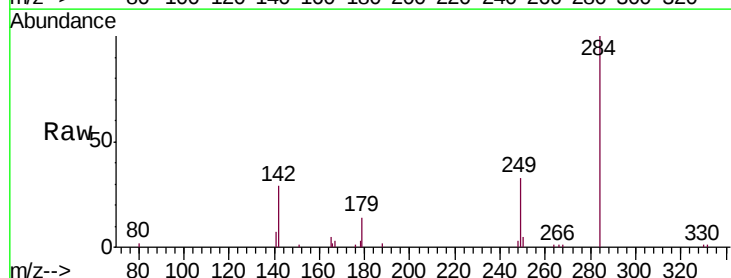
Tgt Ion:284 Resp: 8443

Ion Ratio Lower Upper

284 100

142 36.7 30.5 45.7

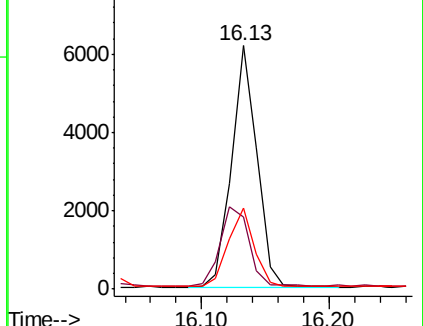
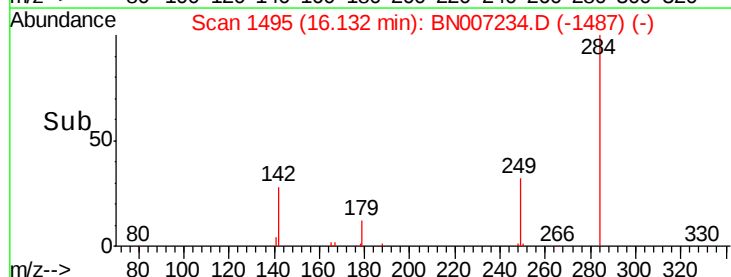
249 33.0 26.7 40.1

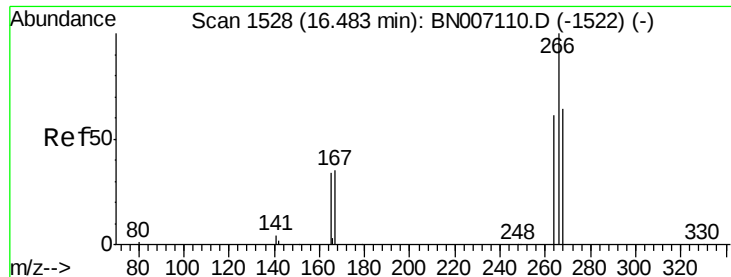


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.425 ng

RT: 16.47 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BN007234.D

Acq: 16 Aug 2019 21:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

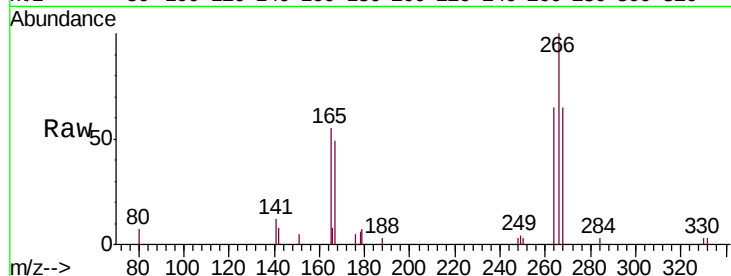
Tgt Ion:266 Resp: 2892

Ion Ratio Lower Upper

266 100

264 65.1 52.3 78.5

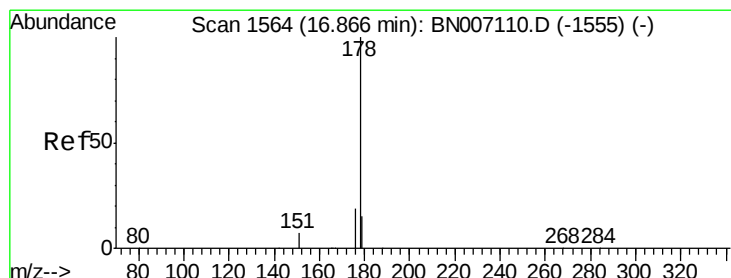
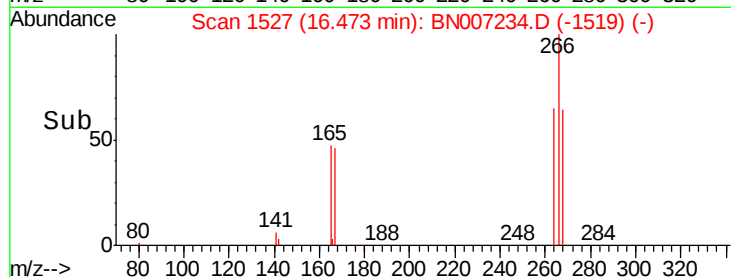
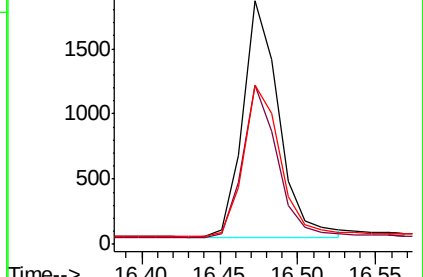
268 65.1 51.5 77.3



Abundance Ion 266.00 (265.70 to 266.70): E

2500 Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#22

Phenanthrene

Concen: 0.435 ng

RT: 16.86 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BN007234.D

Acq: 16 Aug 2019 21:49

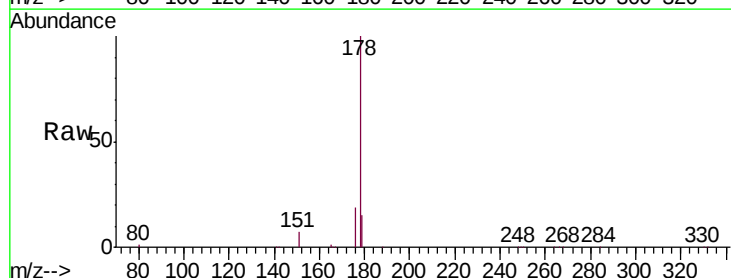
Tgt Ion:178 Resp: 40028

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

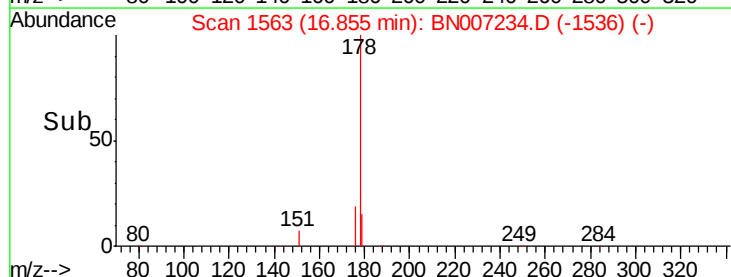
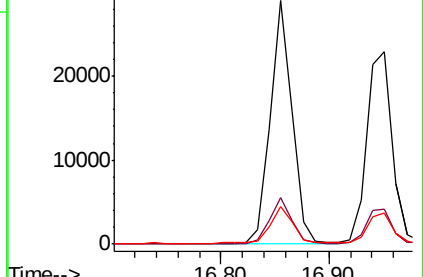
179 15.3 12.3 18.5

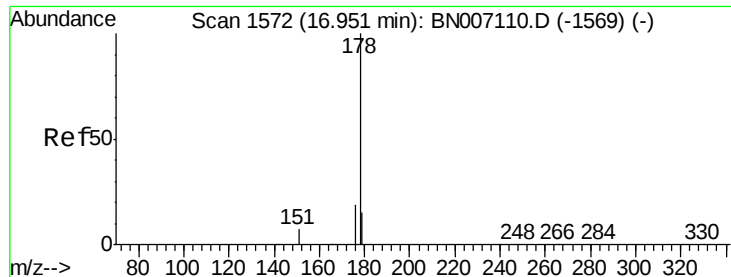


Abundance Ion 178.00 (177.70 to 178.70): E

40000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.441 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007234.D

Acq: 16 Aug 2019 21:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

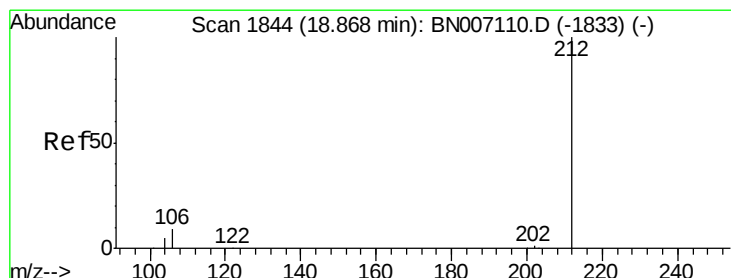
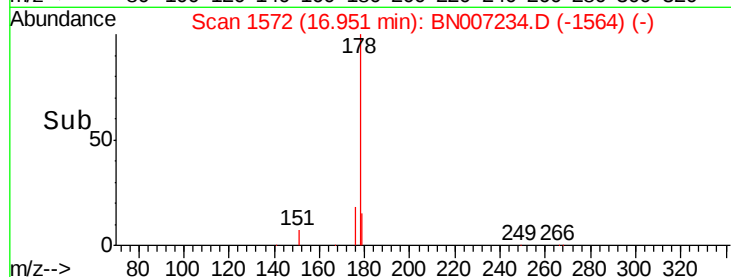
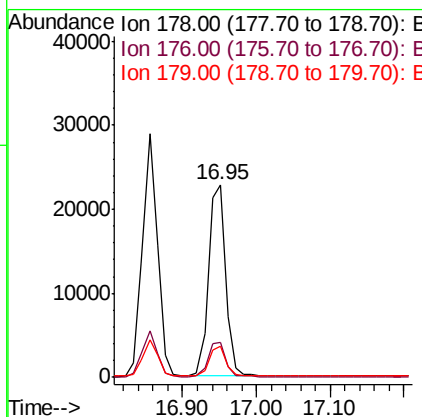
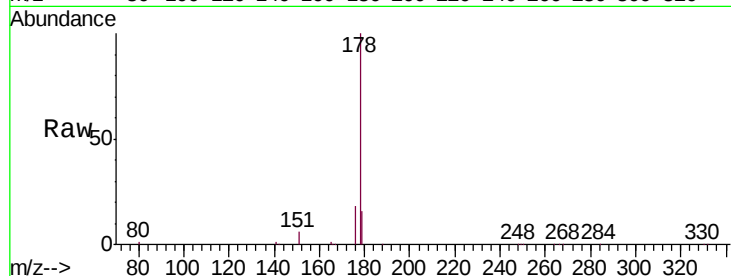
Tgt Ion:178 Resp: 37112

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

179 15.2 12.5 18.7



#24

Fluoranthene-d10

Concen: 0.407 ng

RT: 18.86 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BN007234.D

Acq: 16 Aug 2019 21:49

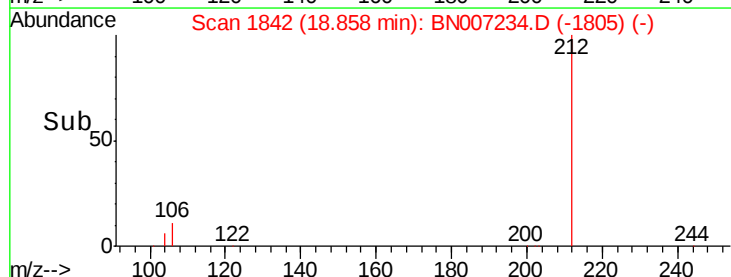
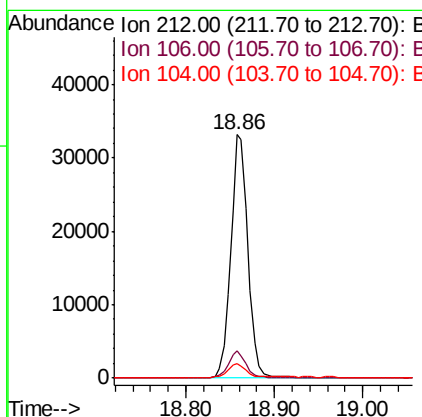
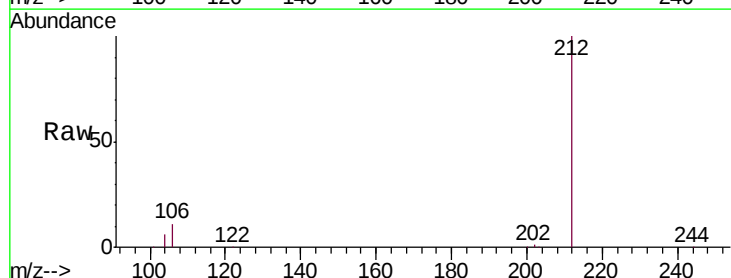
Tgt Ion:212 Resp: 44314

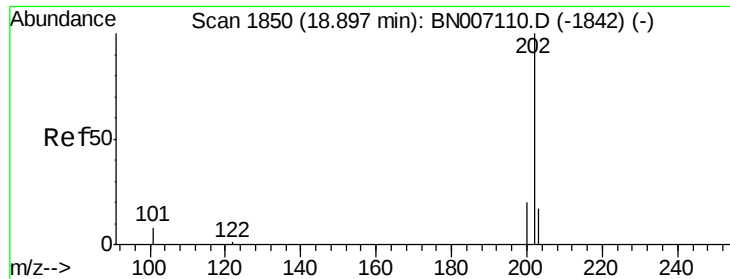
Ion Ratio Lower Upper

212 100

106 10.3 8.2 12.2

104 5.9 4.5 6.7





#25

Fluoranthene

Concen: 0.413 ng

RT: 18.89 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BN007234.D

Acq: 16 Aug 2019 21:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

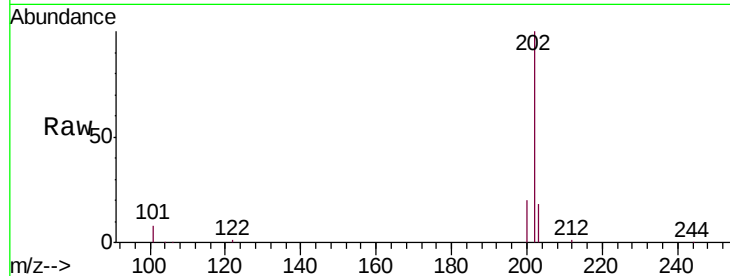
Tgt Ion:202 Resp: 48674

Ion Ratio Lower Upper

202 100

101 9.0 7.0 10.4

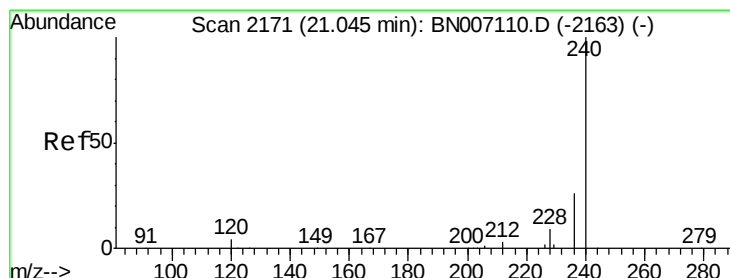
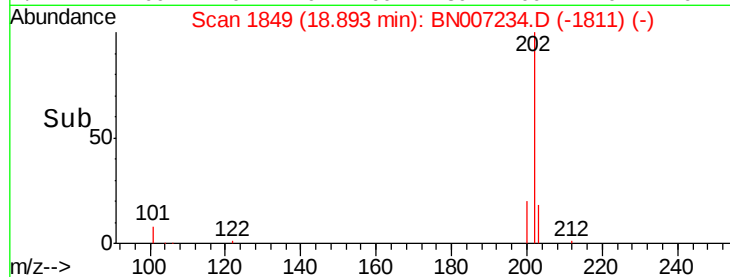
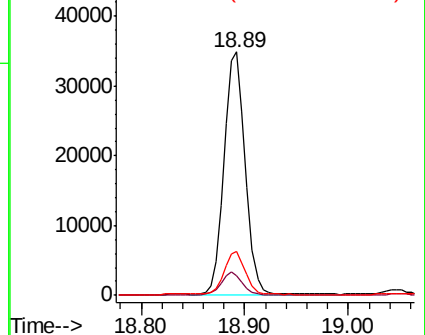
203 17.3 13.8 20.8



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: 21.03 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BN007234.D

Acq: 16 Aug 2019 21:49

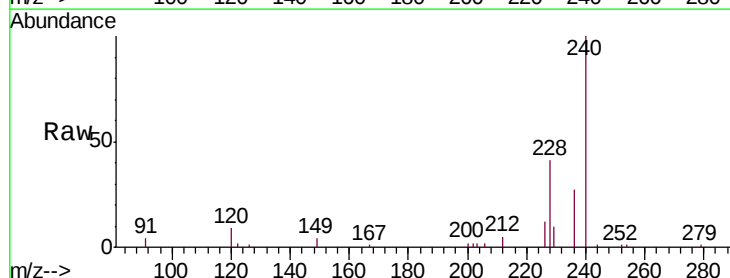
Tgt Ion:240 Resp: 30699

Ion Ratio Lower Upper

240 100

120 9.5 4.0 6.0#

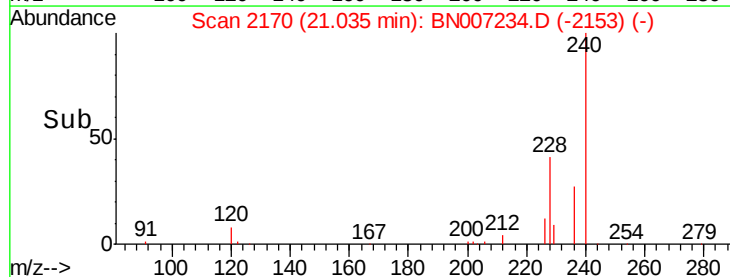
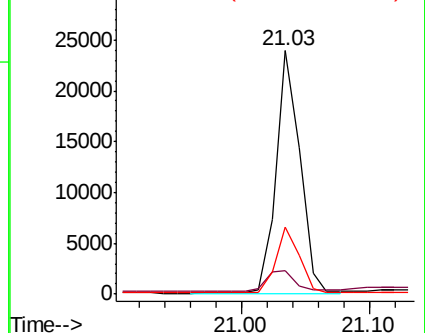
236 27.3 21.3 31.9

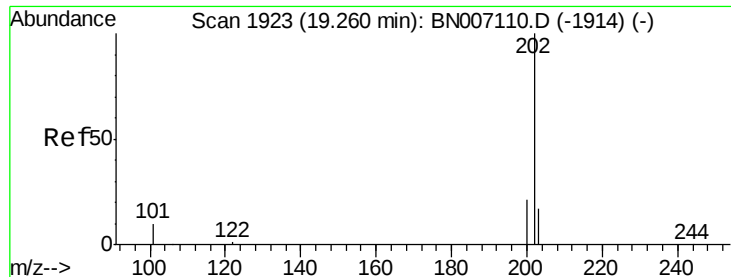


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

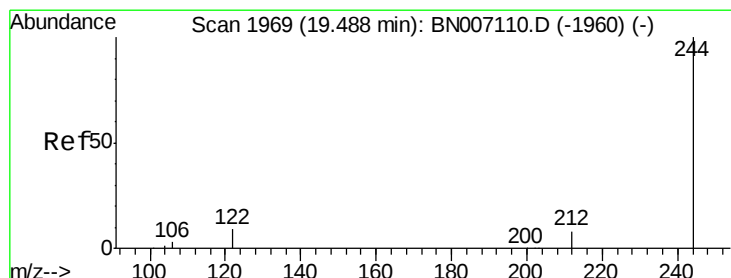
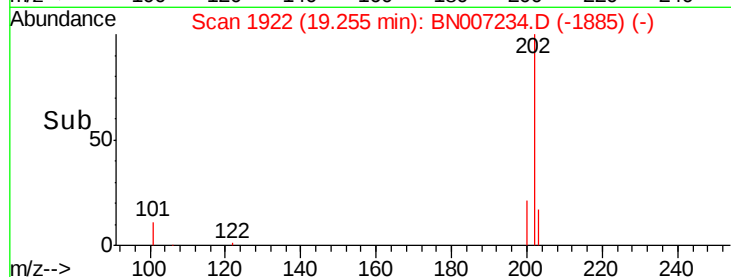
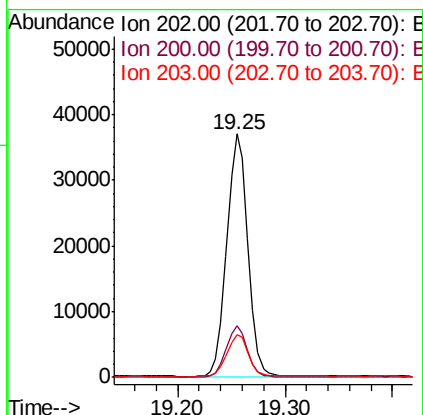
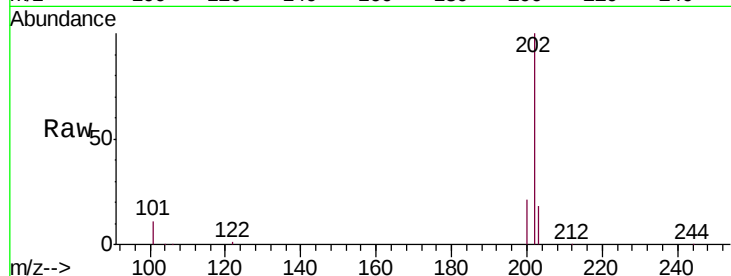




#27
 Pyrene
 Concen: 0.466 ng
 RT: 19.25 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BN007234.D
 Acq: 16 Aug 2019 21:49

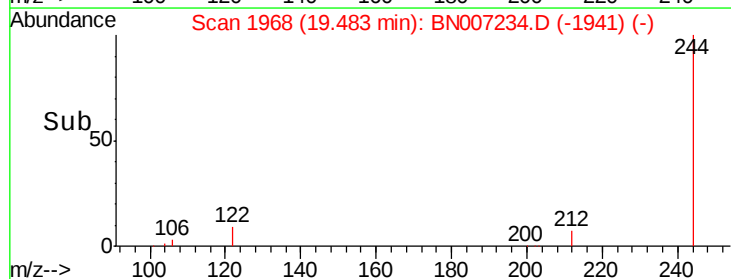
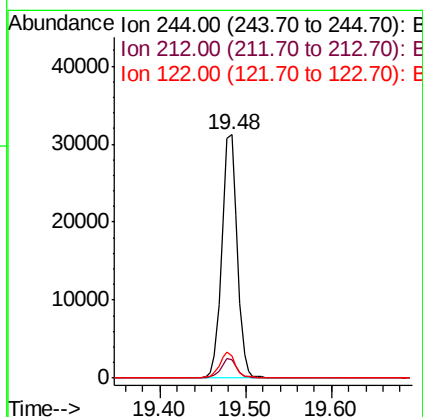
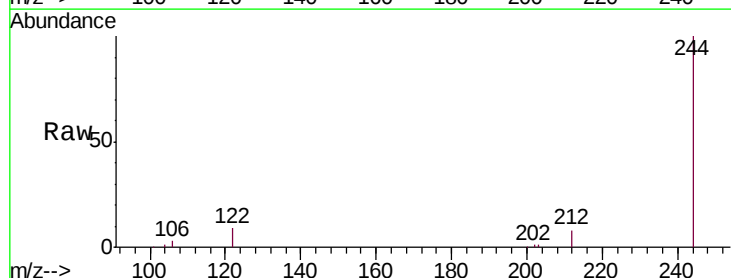
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

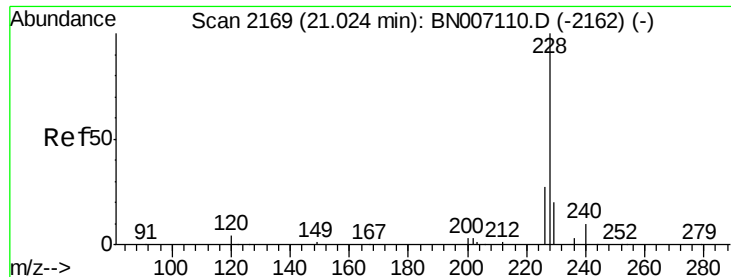
Tgt Ion: 202 Resp: 50159
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.6 24.8
 203 17.8 14.0 21.0



#28
 Terphenyl-d14
 Concen: 0.461 ng
 RT: 19.48 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BN007234.D
 Acq: 16 Aug 2019 21:49

Tgt Ion: 244 Resp: 38548
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 8.9 7.4 11.2





#29

Benzo(a)anthracene

Concen: 0.438 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007234.D

Acq: 16 Aug 2019 21:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

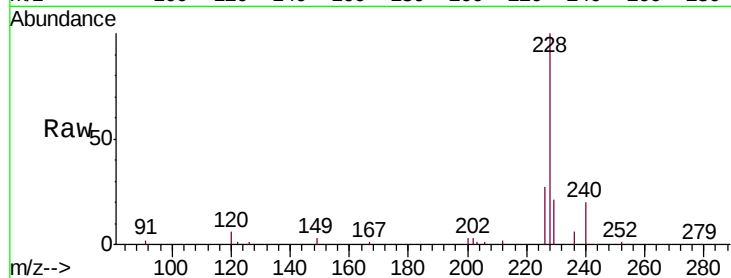
Tgt Ion:228 Resp: 49205

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.6

229 20.6 15.6 23.4

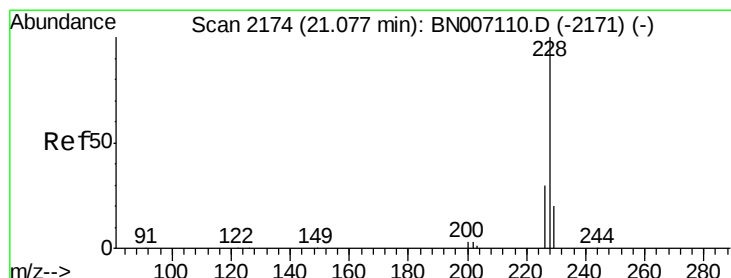
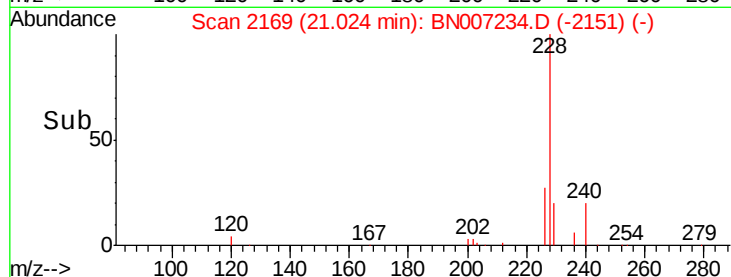
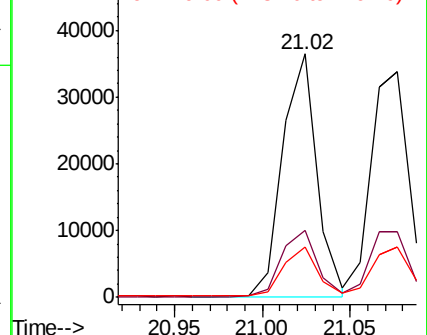


Abundance

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: 0.444 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007234.D

Acq: 16 Aug 2019 21:49

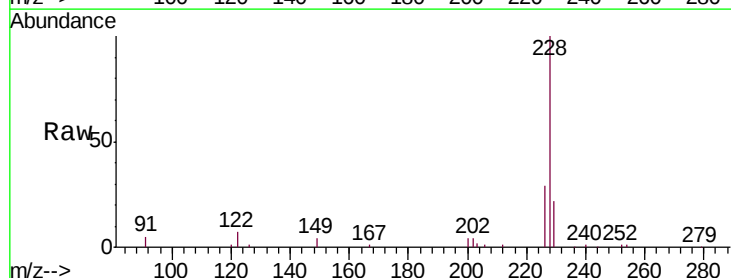
Tgt Ion:228 Resp: 48475

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.6

229 22.1 15.7 23.5

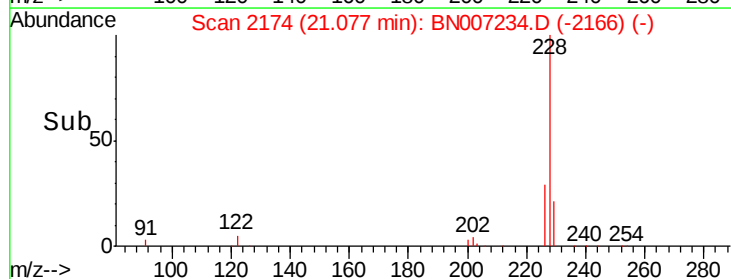
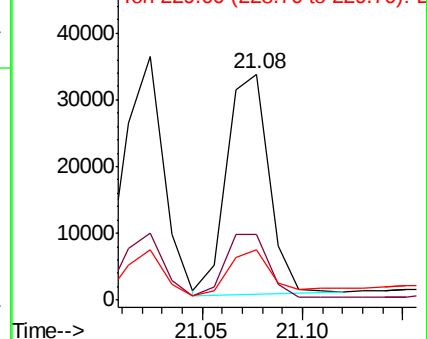


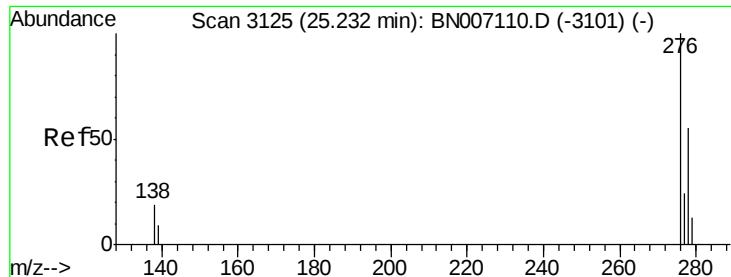
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.487 ng

RT: 25.22 min Scan# 3122

Delta R.T. -0.03 min

Lab File: BN007234.D

Acq: 16 Aug 2019 21:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

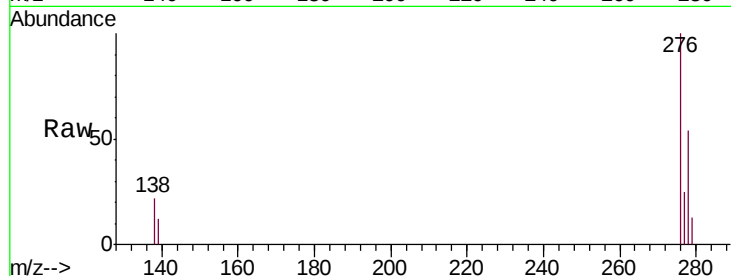
Tgt Ion:276 Resp: 58582

Ion Ratio Lower Upper

276 100

138 22.3 16.0 24.0

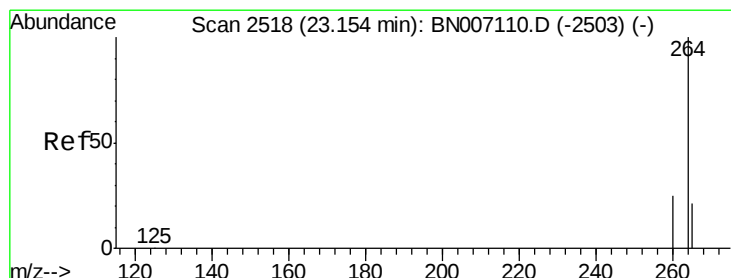
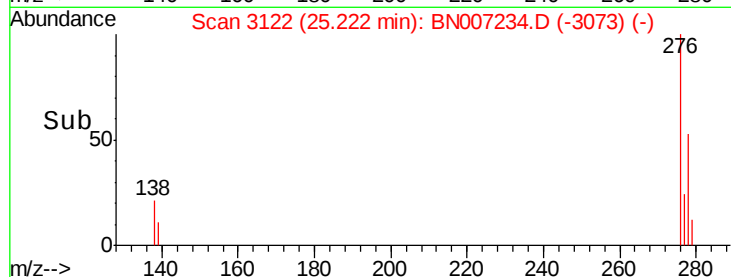
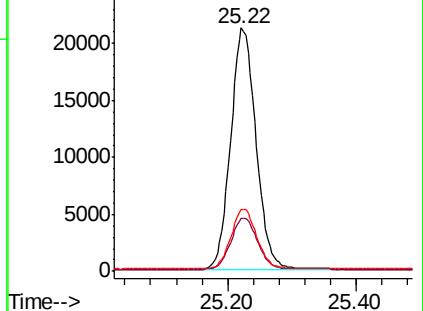
277 25.0 19.9 29.9



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# 2517

Delta R.T. -0.02 min

Lab File: BN007234.D

Acq: 16 Aug 2019 21:49

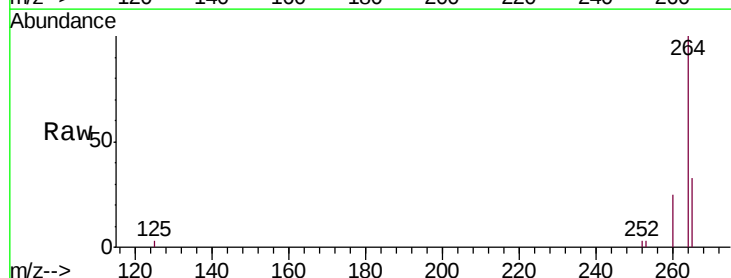
Tgt Ion:264 Resp: 34245

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

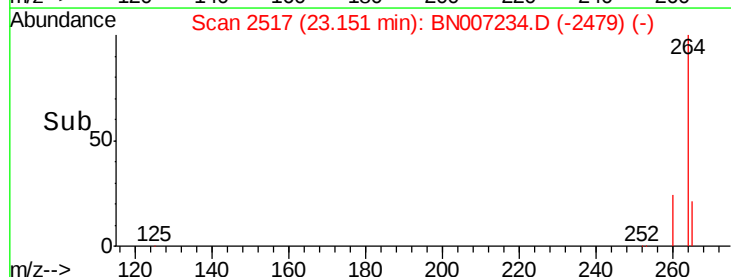
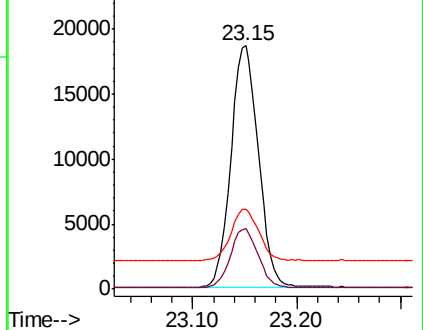
265 32.7 26.2 39.4

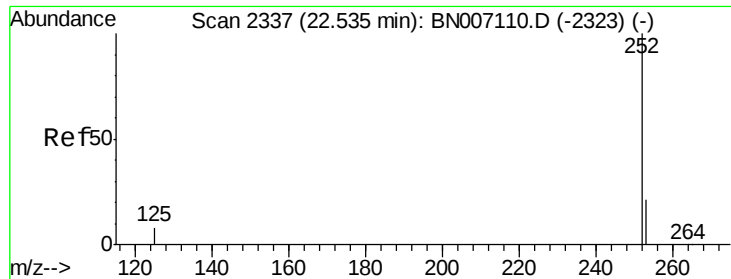


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.425 ng

RT: 22.53 min Scan# 2335

Delta R.T. -0.02 min

Lab File: BN007234.D

Acq: 16 Aug 2019 21:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

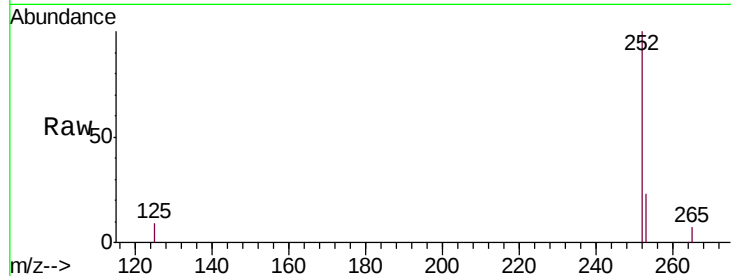
Tgt Ion:252 Resp: 49851

Ion Ratio Lower Upper

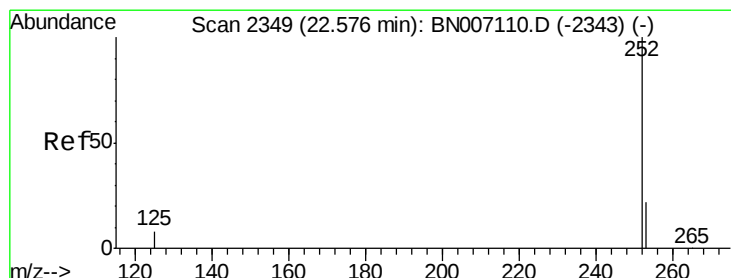
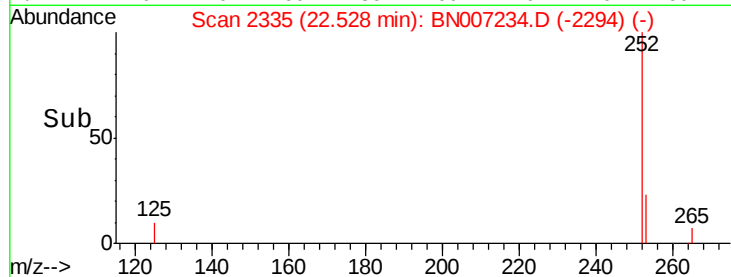
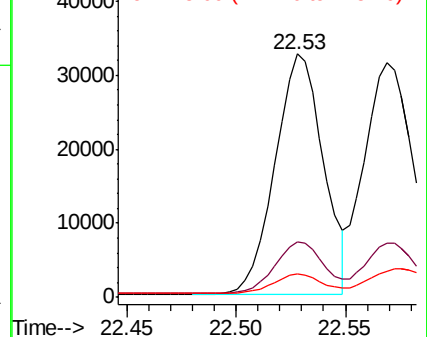
252 100

253 23.0 18.2 27.2

125 9.5 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: 0.430 ng

RT: 22.53 min Scan# 2335

Delta R.T. -0.06 min

Lab File: BN007234.D

Acq: 16 Aug 2019 21:49

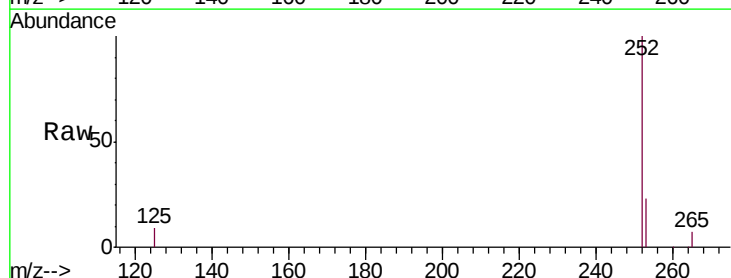
Tgt Ion:252 Resp: 49851

Ion Ratio Lower Upper

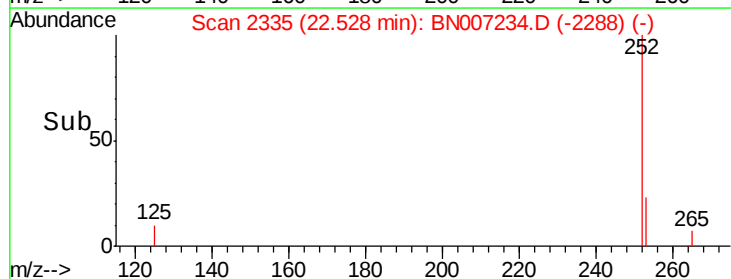
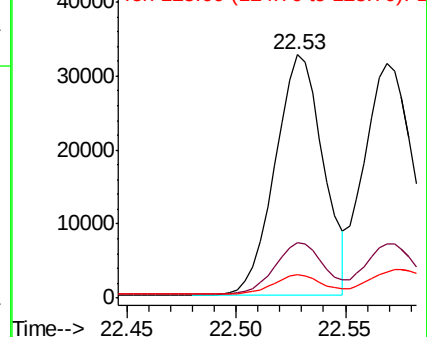
252 100

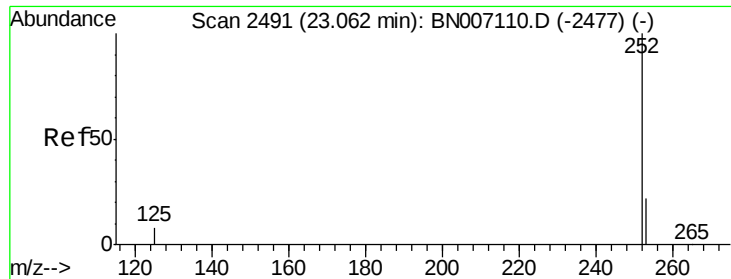
253 23.0 18.1 27.1

125 9.5 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: 0.433 ng

RT: 23.06 min Scan# 2490

Delta R.T. -0.02 min

Lab File: BN007234.D

Acq: 16 Aug 2019 21:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

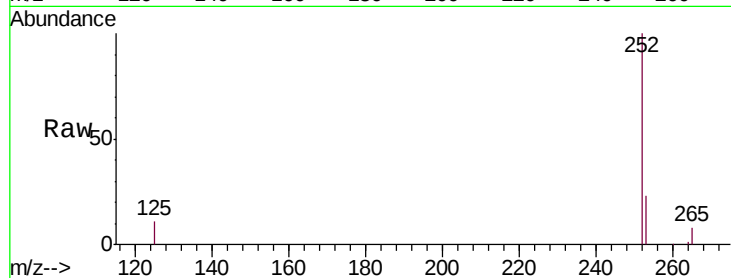
Tgt Ion:252 Resp: 46103

Ion Ratio Lower Upper

252 100

253 23.4 18.5 27.7

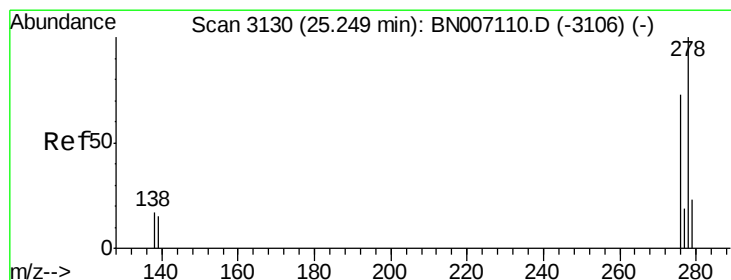
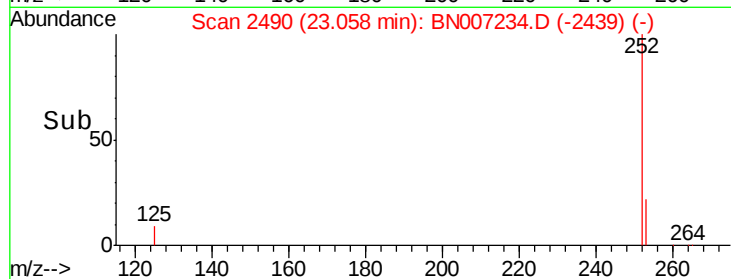
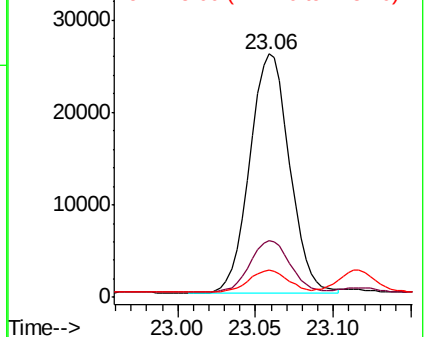
125 11.0 8.2 12.4



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: 0.446 ng

RT: 25.24 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BN007234.D

Acq: 16 Aug 2019 21:49

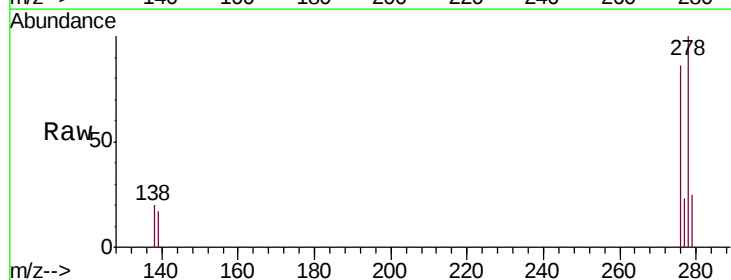
Tgt Ion:278 Resp: 47391

Ion Ratio Lower Upper

278 100

139 16.7 11.3 16.9

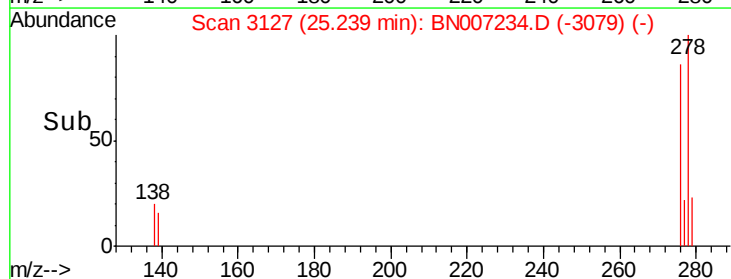
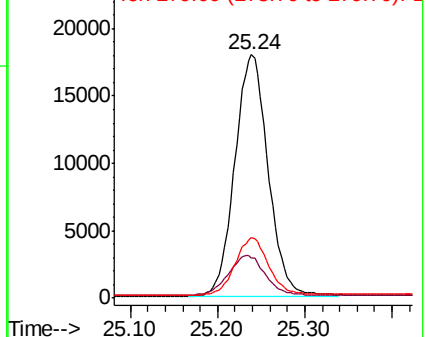
279 24.6 19.3 28.9

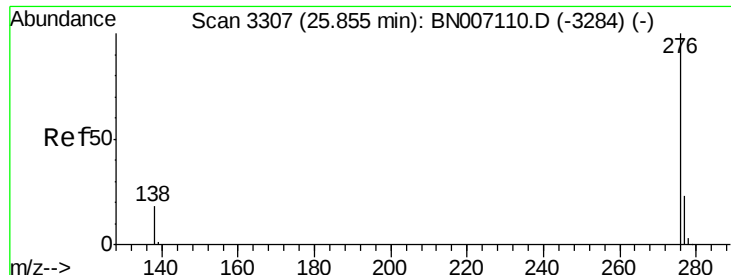


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.429 ng

RT: 25.85 min Scan# 3305

Delta R.T. -0.03 min

Lab File: BN007234.D

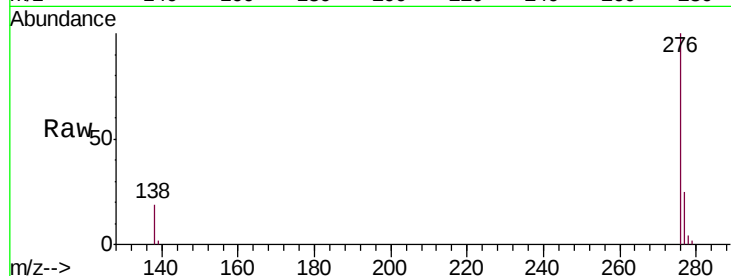
Acq: 16 Aug 2019 21:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 46845

Ion Ratio Lower Upper

276 100

277 24.9 19.8 29.8

138 19.4 14.6 22.0

