

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081319\
 Data File : BN007147.D
 Acq On : 14 Aug 2019 00:20
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Aug 14 05:00:06 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	9451	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	35886	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	19993	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	45532	0.40	ng	0.00
26) Chrysene-d12	21.05	240	44851	0.40	ng	-0.01
32) Perylene-d12	23.16	264	50875	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	9470	0.42	ng	0.00
4) Phenol-d6	6.61	99	12076	0.43	ng	0.00
7) Nitrobenzene-d5	8.56	82	11523	0.40	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	24515	0.37	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	3433	0.32	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	6149	0.21	ng	0.00
24) Fluoranthene-d10	18.87	212	57345	0.36	ng	0.00
28) Terphenyl-d14	19.49	244	49772	0.41	ng	-0.01

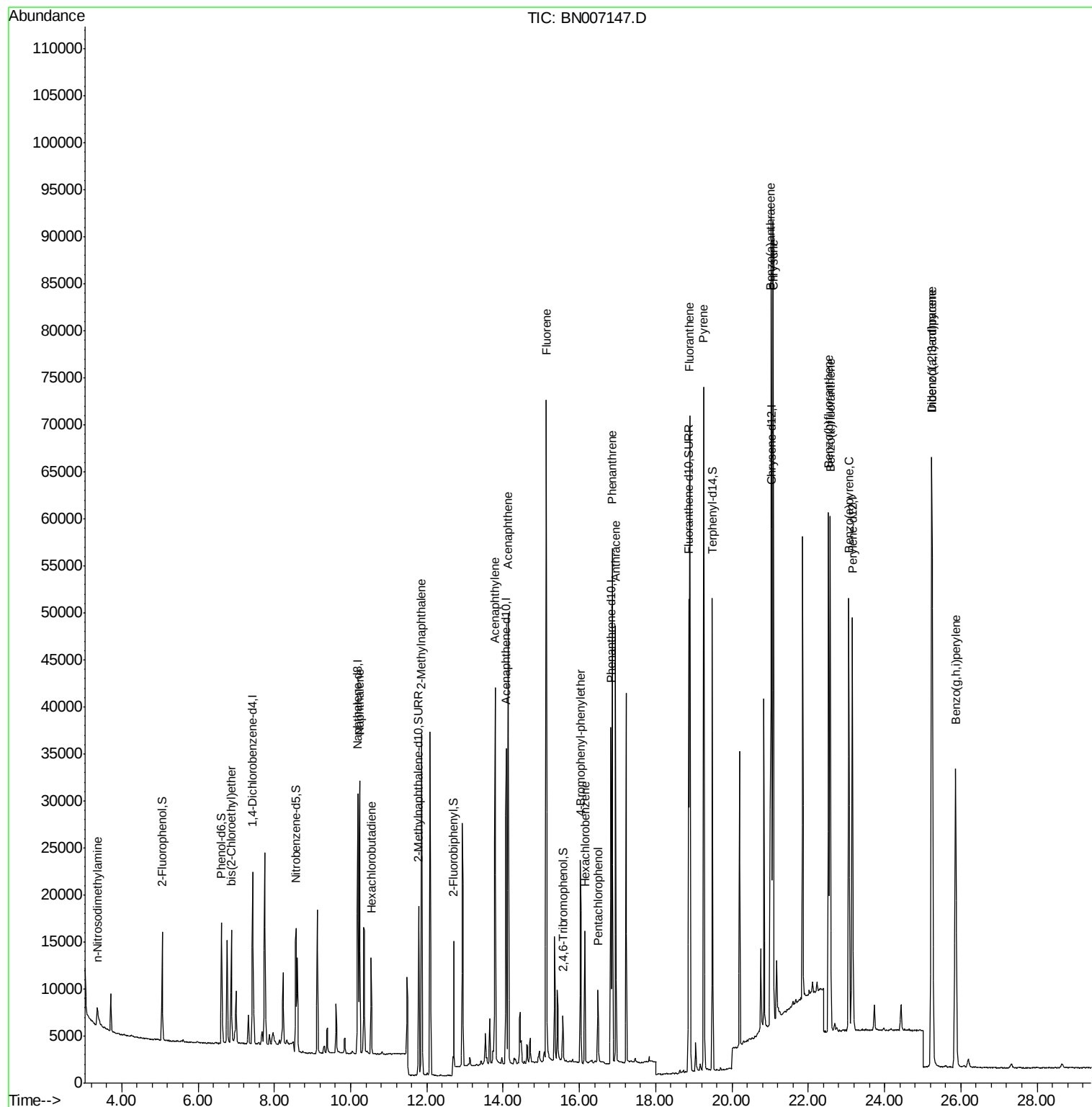
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.36	42	2150	0.346	ng	# 99
5) bis(2-Chloroethyl)ether	6.87	93	9696	0.390	ng	99
8) Naphthalene	10.24	128	37597	0.374	ng	99
9) Hexachlorobutadiene	10.54	225	8147	0.380	ng	# 99
11) 2-Methylnaphthalene	11.86	142	26433	0.371	ng	97
15) Acenaphthylene	13.79	152	48327	0.462	ng	100
16) Acenaphthene	14.13	154	25018	0.374	ng	99
17) Fluorene	15.14	166	34334	0.343	ng	100
19) 4-Bromophenyl-phenylether	16.03	248	11151	0.396	ng	# 84
20) Hexachlorobenzene	16.14	284	10963	0.405	ng	99
21) Pentachlorophenol	16.48	266	3600	0.357	ng	99
22) Phenanthrene	16.87	178	52919	0.388	ng	100
23) Anthracene	16.95	178	48860	0.392	ng	99
25) Fluoranthene	18.90	202	63528	0.364	ng	100
27) Pyrene	19.26	202	65799	0.418	ng	99
29) Benzo(a)anthracene	21.02	228	67069	0.409	ng	97
30) Chrysene	21.08	228	63774	0.400	ng	99
31) Indeno(1,2,3-cd)pyrene	25.24	276	76495	0.436	ng	98
33) Benzo(b)fluoranthene	22.53	252	66249	0.380	ng	99
34) Benzo(k)fluoranthene	22.58	252	64762	0.376	ng	99
35) Benzo(a)pyrene	23.07	252	61554	0.389	ng	100
36) Dibenzo(a,h)anthracene	25.25	278	62293	0.395	ng	# 97
37) Benzo(g,h,i)perylene	25.86	276	62234	0.383	ng	99

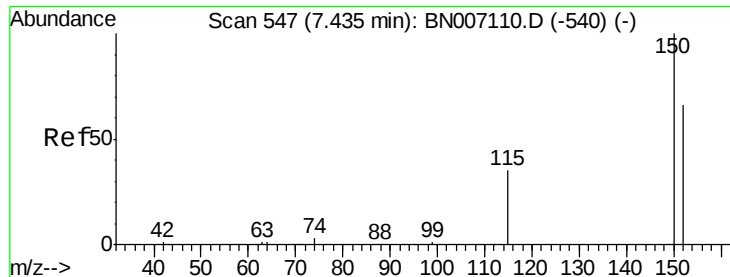
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.43 min Scan# 547

Delta R.T. -0.00 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

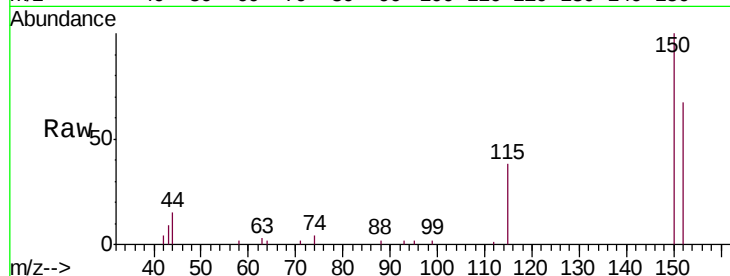
Tgt Ion:152 Resp: 9451

Ion Ratio Lower Upper

152 100

150 149.6 121.7 182.5

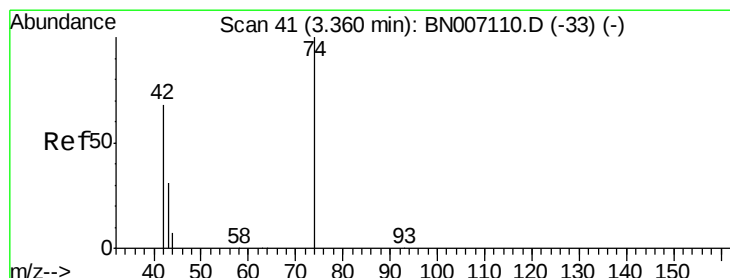
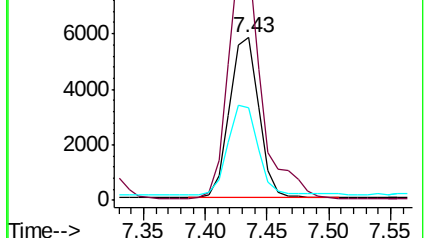
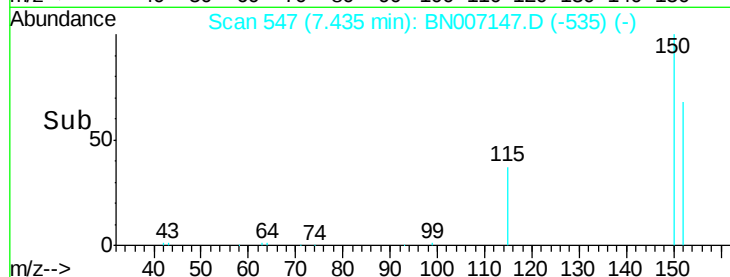
115 56.9 46.2 69.4



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: 0.346 ng

RT: 3.36 min Scan# 41

Delta R.T. 0.00 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

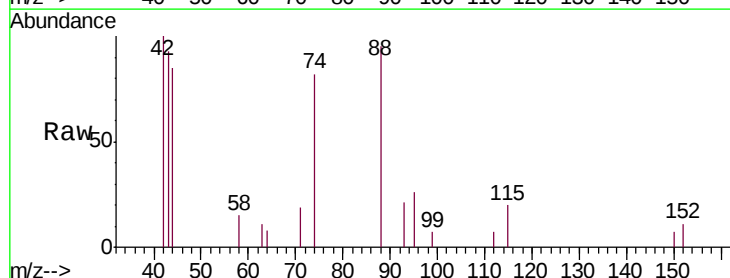
Tgt Ion: 42 Resp: 2150

Ion Ratio Lower Upper

42 100

74 140.0 110.6 166.0

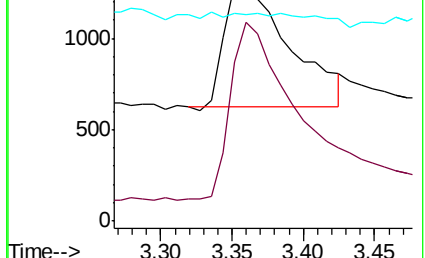
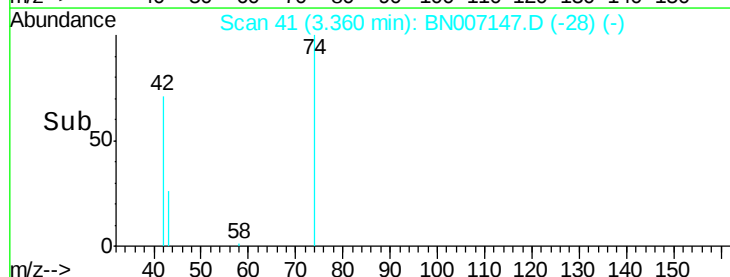
44 0.0 0.0 0.0

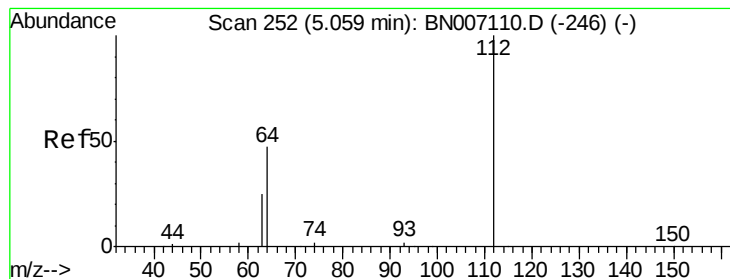


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#3

2-Fluorophenol

Concen: 0.417 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007147.D

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Instrument :

BNA_N

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SSTDCCC0.4EC

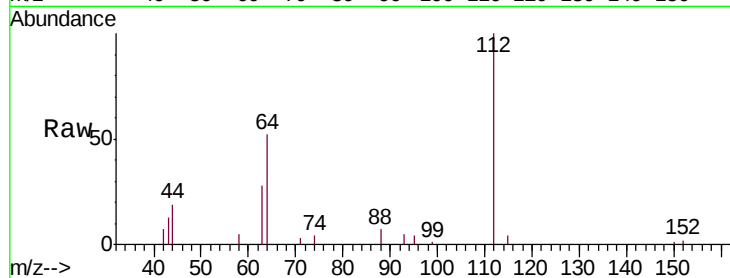
Tgt Ion: 112 Resp: 9470

Ion Ratio Lower Upper

112 100

64 52.6 42.6 63.8

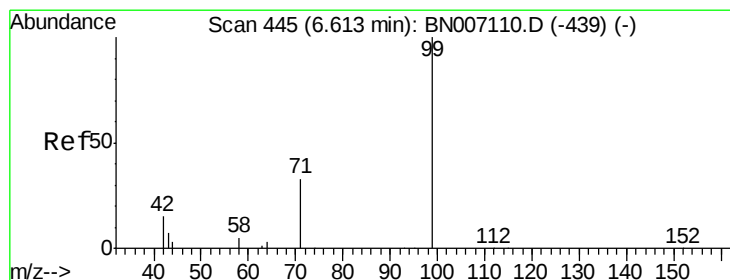
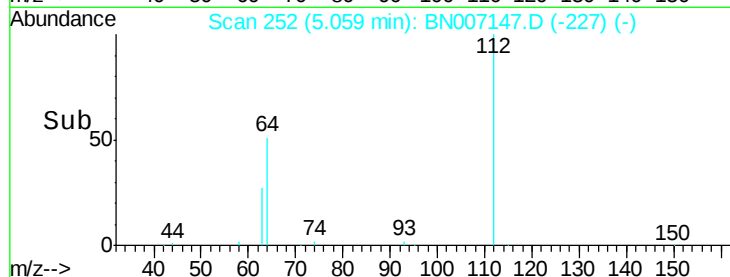
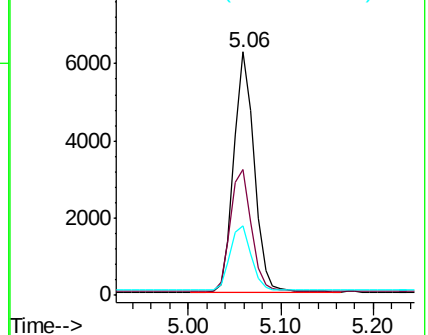
63 27.6 22.2 33.2



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: 0.429 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

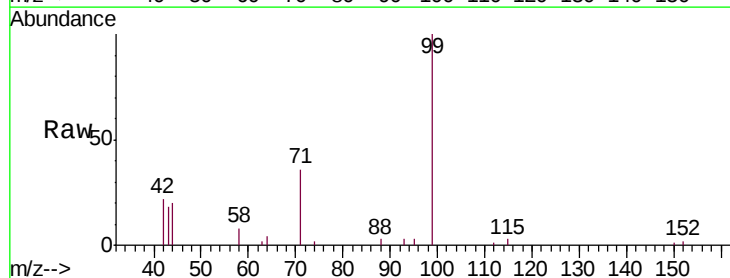
Tgt Ion: 99 Resp: 12076

Ion Ratio Lower Upper

99 100

42 17.8 15.8 23.6

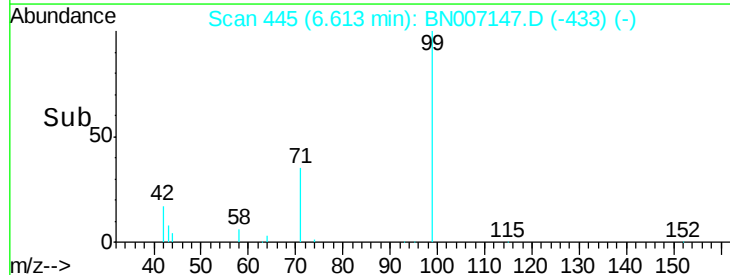
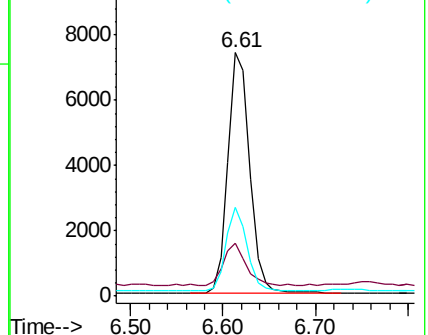
71 33.4 27.0 40.4

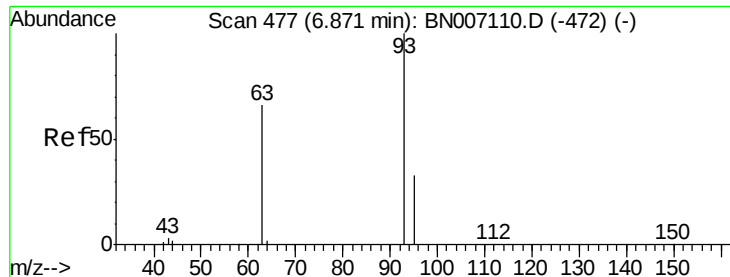


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#5

bis(2-Chloroethyl)ether

Concen: 0.390 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.00 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

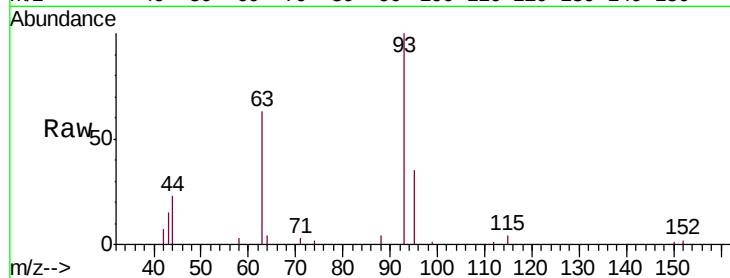
Tgt Ion: 93 Resp: 9696

Ion Ratio Lower Upper

93 100

63 69.9 55.6 83.4

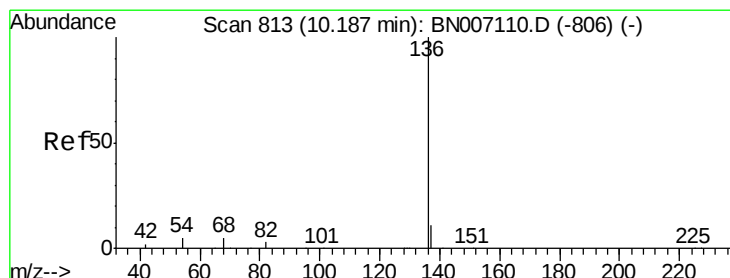
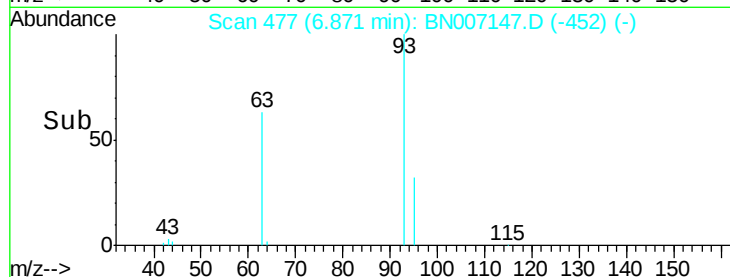
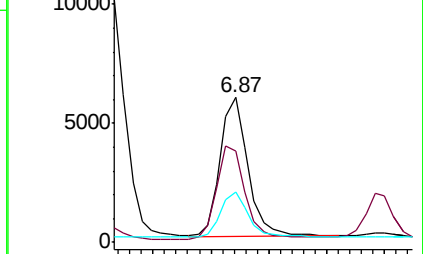
95 33.9 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN007147.D (-452) (-)

Ion 63.00 (62.70 to 63.70): BN007147.D (-452) (-)

Ion 95.00 (94.70 to 95.70): BN007147.D (-452) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

Tgt Ion: 136 Resp: 35886

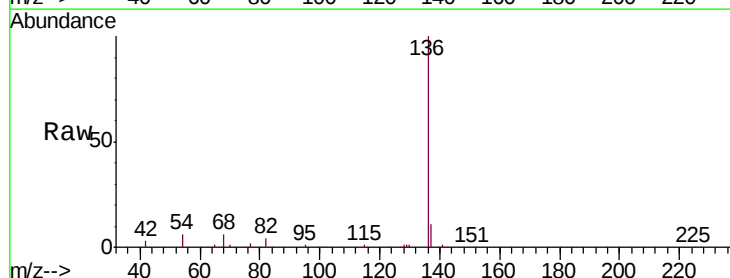
Ion Ratio Lower Upper

136 100

137 11.1 9.4 14.0

54 5.8 6.6 9.8#

68 5.6 6.0 9.0#

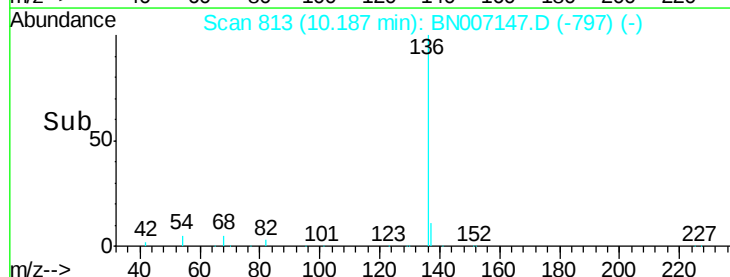
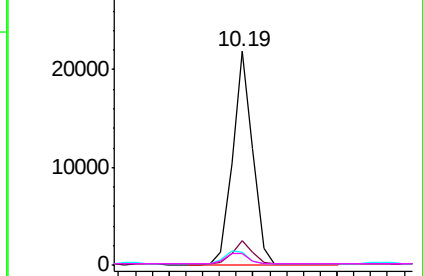


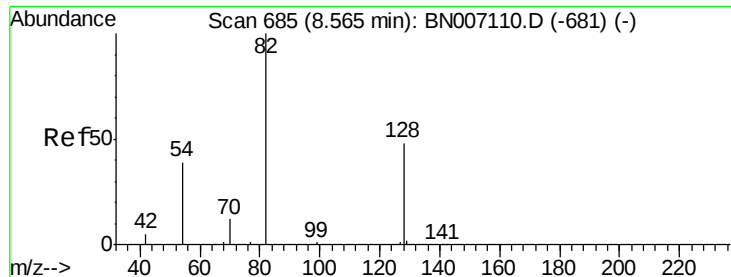
Abundance Ion 136.00 (135.70 to 136.70): BN007147.D (-797) (-)

Ion 137.00 (136.70 to 137.70): BN007147.D (-797) (-)

Ion 54.00 (53.70 to 54.70): BN007147.D (-797) (-)

Ion 68.00 (67.70 to 68.70): BN007147.D (-797) (-)





#7

Nitrobenzene-d5

Concen: 0.398 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

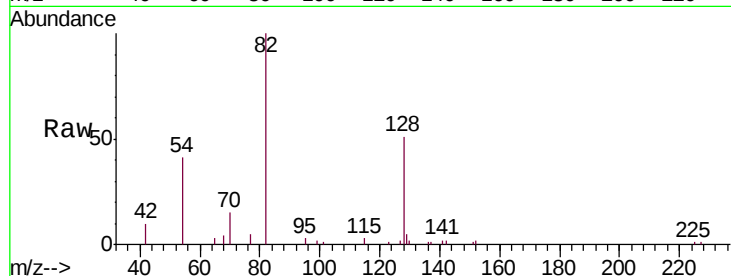
Tgt Ion: 82 Resp: 11523

Ion Ratio Lower Upper

82 100

128 50.7 34.6 51.8

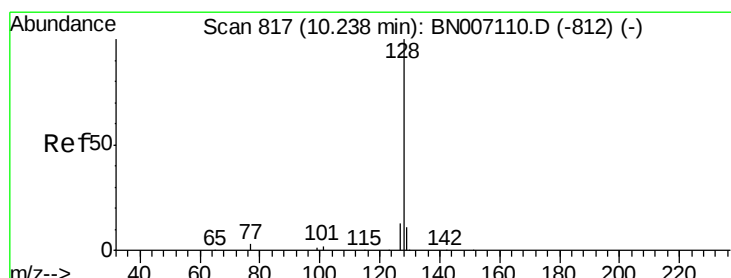
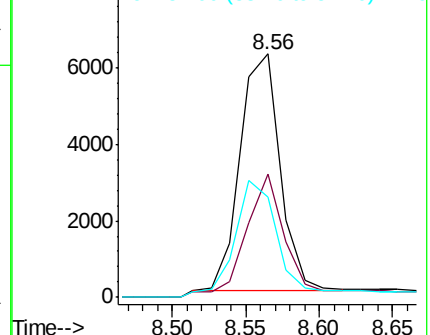
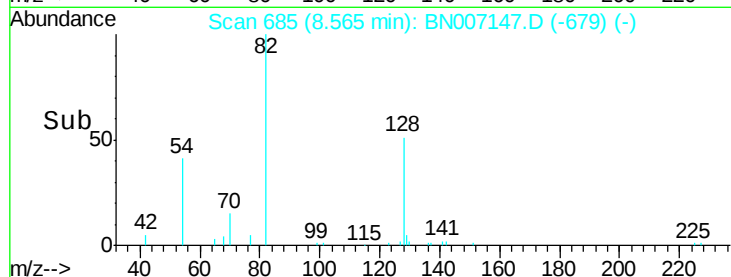
54 41.2 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BN007147.D (-679) (-)

Ion 128.00 (127.70 to 128.70): BN007147.D (-679) (-)

Ion 54.00 (53.70 to 54.70): BN007147.D (-679) (-)



#8

Naphthalene

Concen: 0.374 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

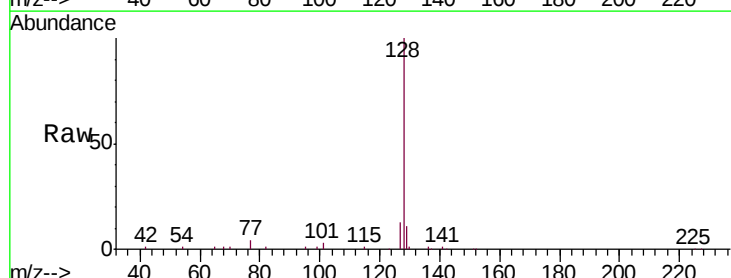
Tgt Ion: 128 Resp: 37597

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

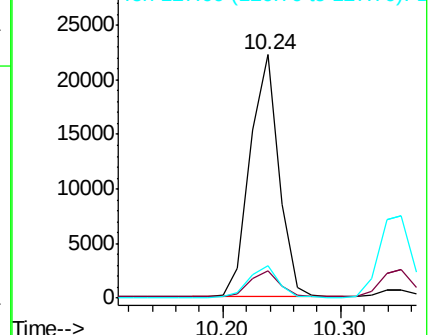
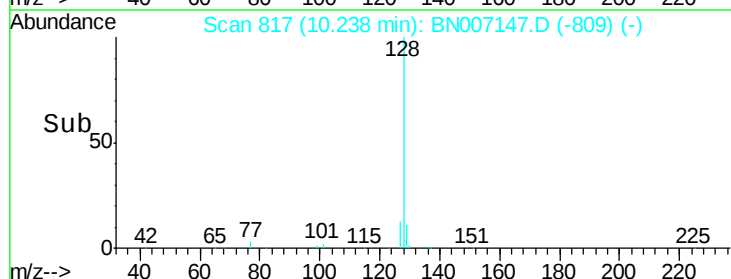
127 13.3 11.0 16.6

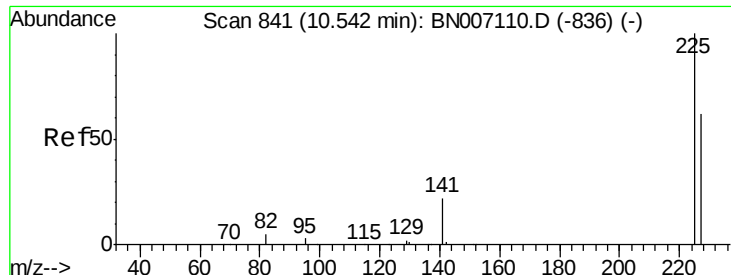


Abundance Ion 128.00 (127.70 to 128.70): BN007147.D (-809) (-)

Ion 129.00 (128.70 to 129.70): BN007147.D (-809) (-)

Ion 127.00 (126.70 to 127.70): BN007147.D (-809) (-)





#9

Hexachlorobutadiene

Concen: 0.380 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

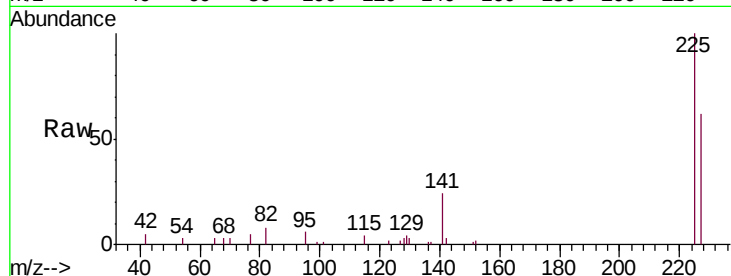
Tgt Ion: 225 Resp: 8147

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

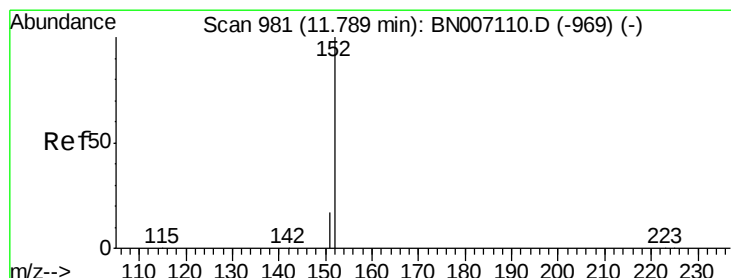
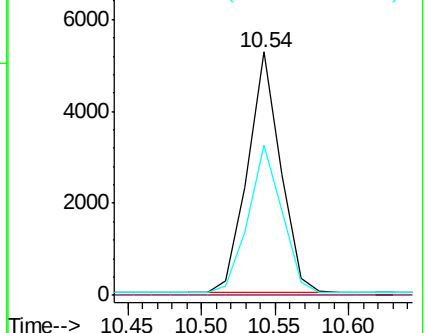
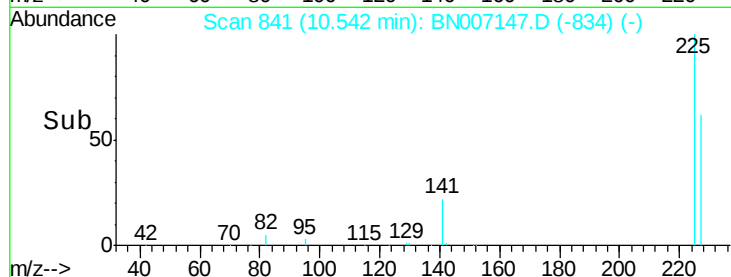
227 62.7 51.1 76.7



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#10

2-Methylnaphthalene-d10

Concen: 0.366 ng

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007147.D

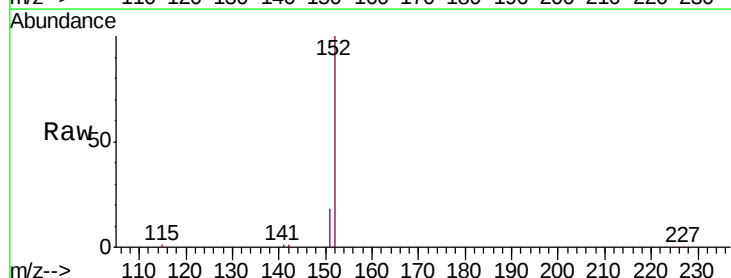
Acq: 14 Aug 2019 00:20

Tgt Ion: 152 Resp: 24515

Ion Ratio Lower Upper

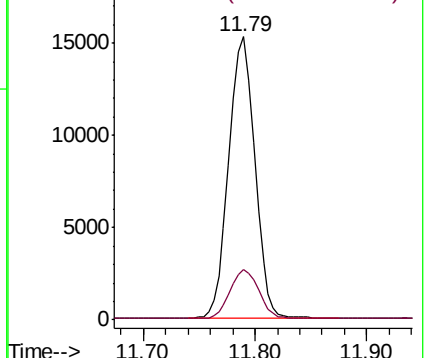
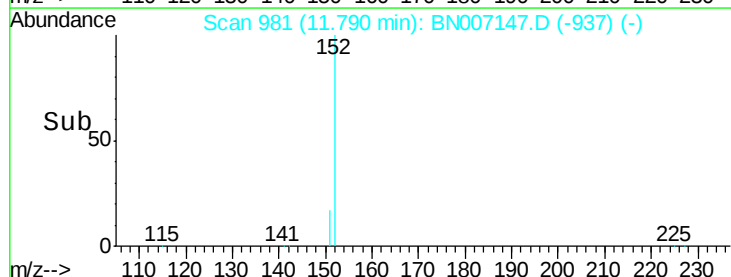
152 100

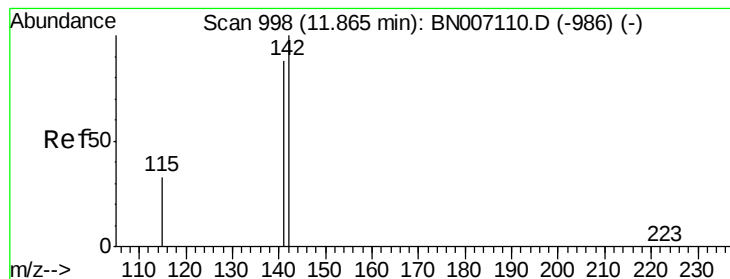
151 19.2 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.371 ng

RT: 11.86 min Scan# 997

Delta R.T. -0.01 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

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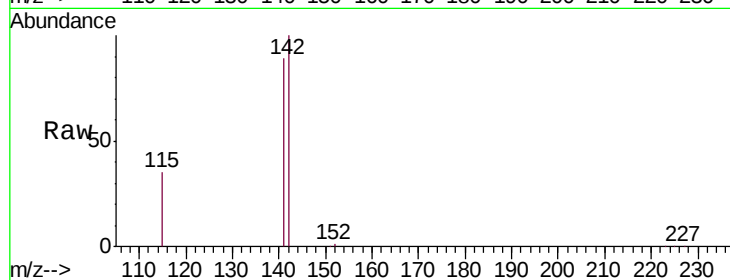
Tgt Ion:142 Resp: 26433

Ion Ratio Lower Upper

142 100

141 89.0 69.0 103.6

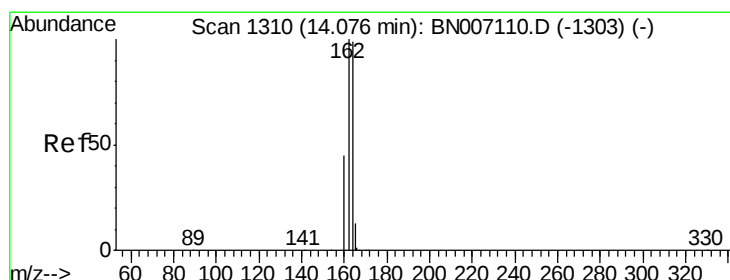
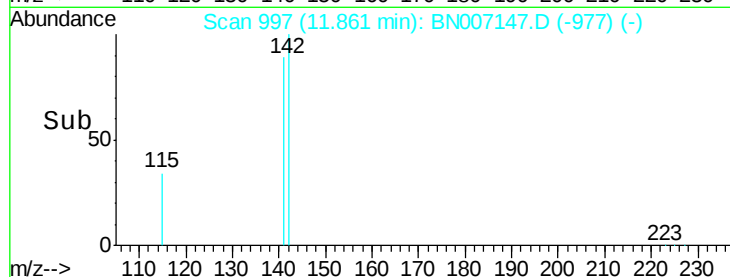
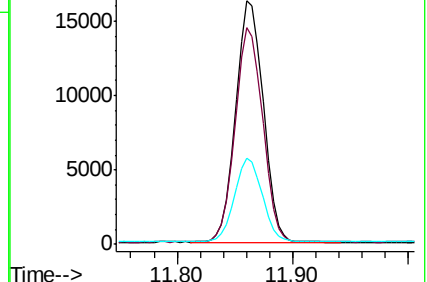
115 35.5 27.1 40.7



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: BN007147.D

Acq: 14 Aug 2019 00:20

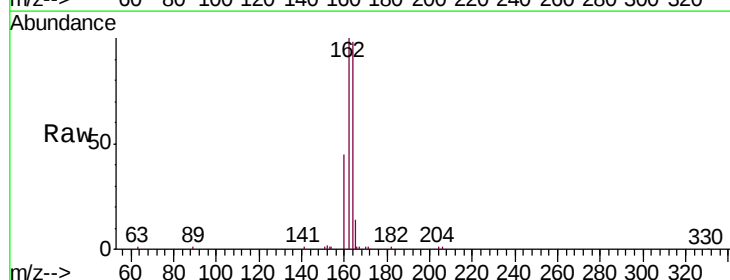
Tgt Ion:164 Resp: 19993

Ion Ratio Lower Upper

164 100

162 101.6 82.2 123.4

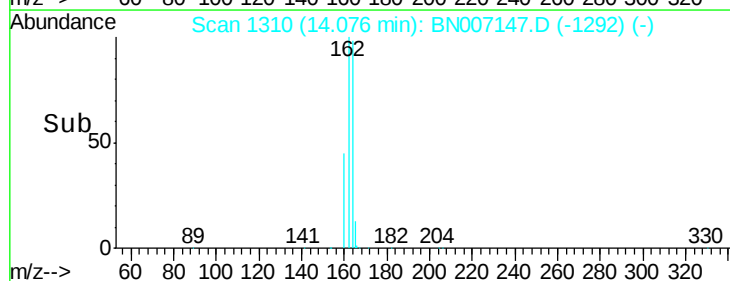
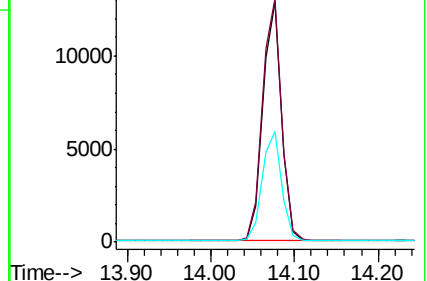
160 46.0 38.3 57.5

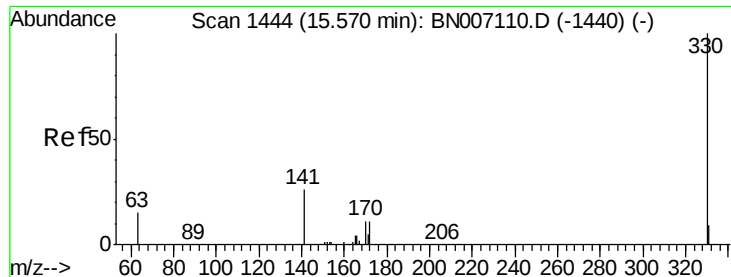


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

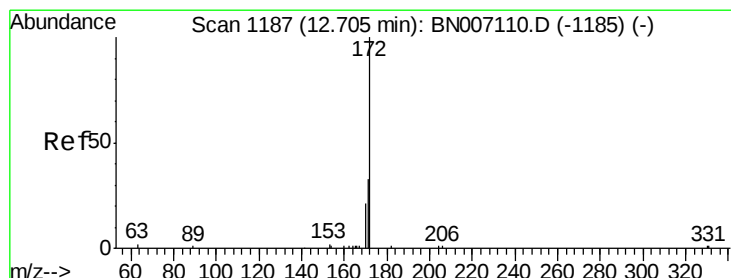
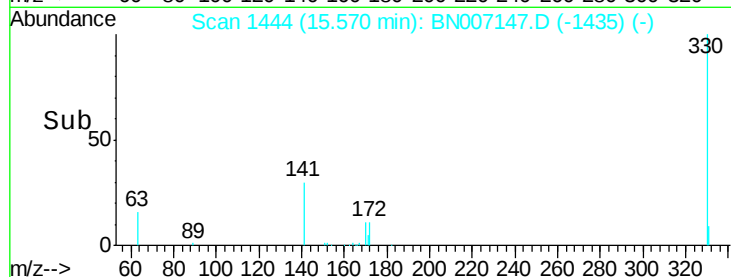
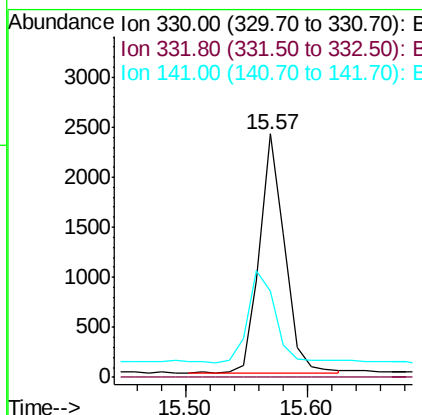
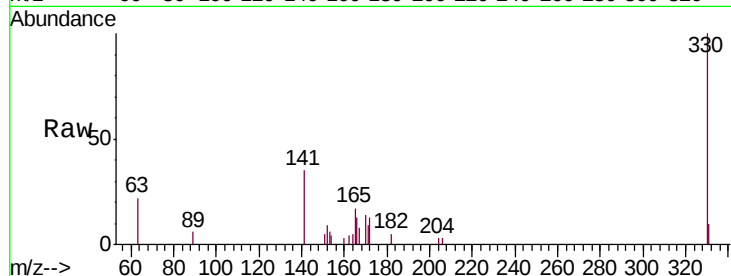




#13
 2,4,6-Tribromophenol
 Concen: 0.319 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007147.D
 Acq: 14 Aug 2019 00:20

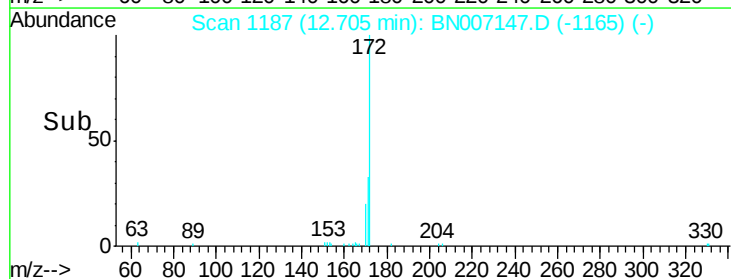
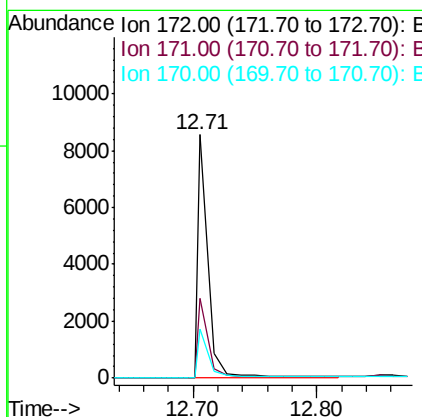
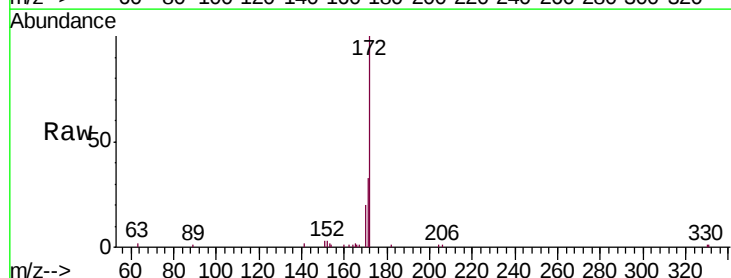
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

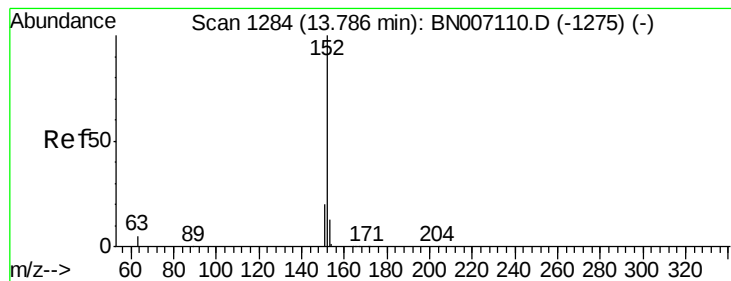
Tgt Ion: 330 Resp: 3433
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 41.7 33.6 50.4



#14
 2-Fluorobiphenyl
 Concen: 0.212 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007147.D
 Acq: 14 Aug 2019 00:20

Tgt Ion: 172 Resp: 6149
 Ion Ratio Lower Upper
 172 100
 171 32.8 26.3 39.5
 170 20.1 17.0 25.4





#15

Acenaphthylene

Concen: 0.462 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

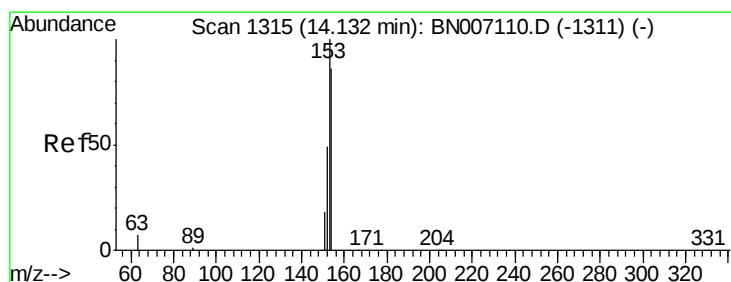
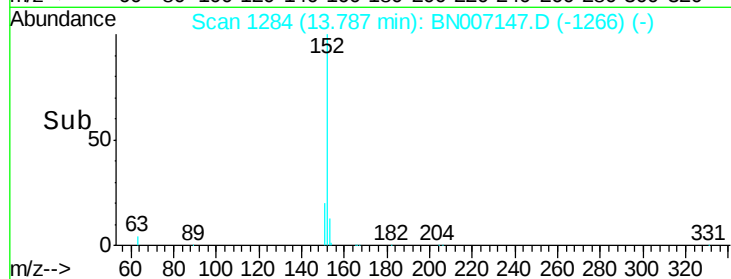
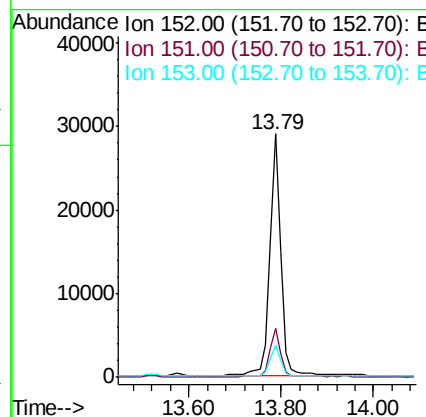
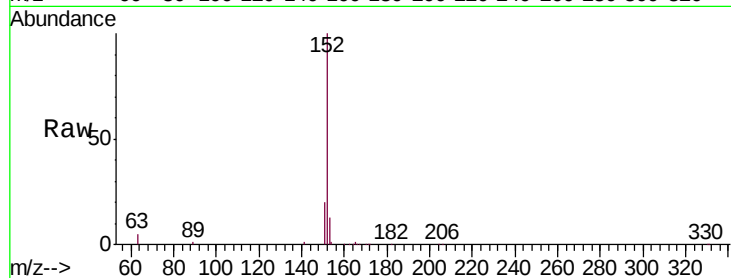
Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	152	Resp:	48327
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	12.7	10.4	15.6



#16

Acenaphthene

Concen: 0.374 ng

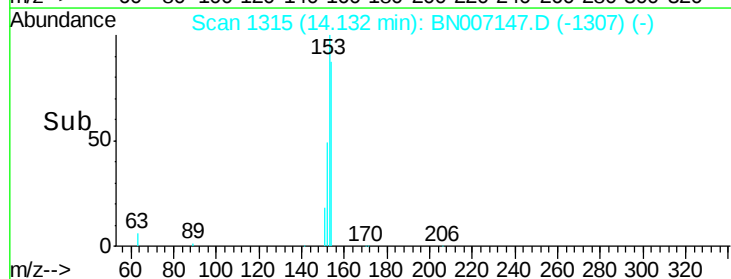
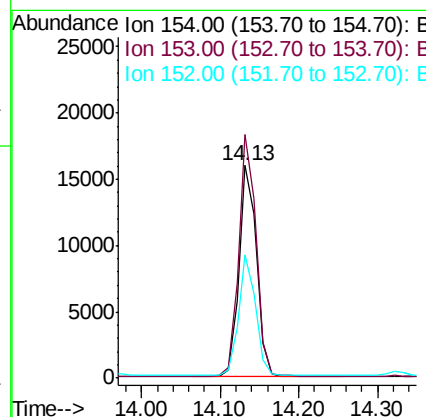
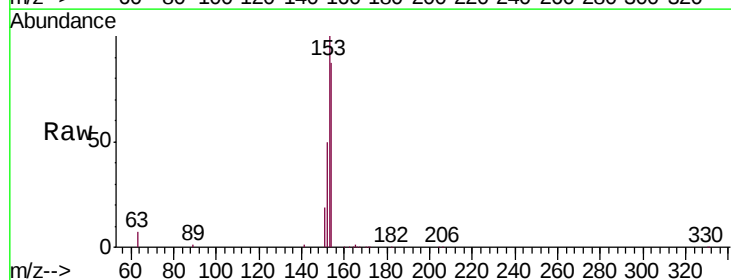
RT: 14.13 min Scan# 1315

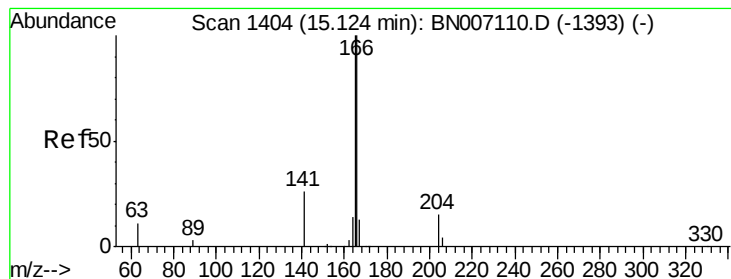
Delta R.T. -0.01 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

Tgt Ion:	154	Resp:	25018
Ion	Ratio	Lower	Upper
154	100		
153	113.2	89.5	134.3
152	55.2	44.8	67.2





#17

Fluorene

Concen: 0.343 ng

RT: 15.14 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

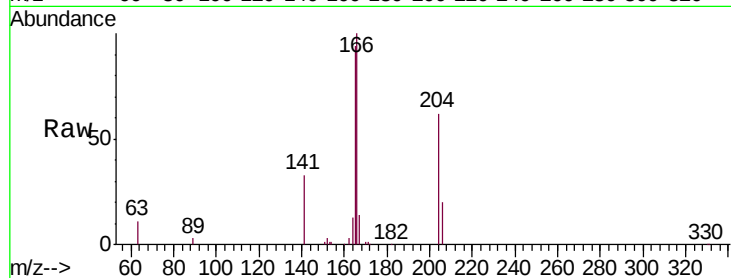
Tgt Ion:166 Resp: 34334

Ion Ratio Lower Upper

166 100

165 97.1 77.9 116.9

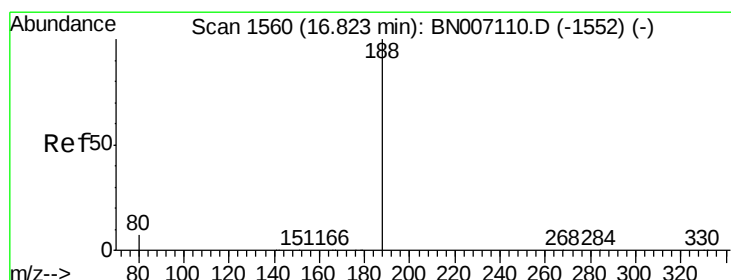
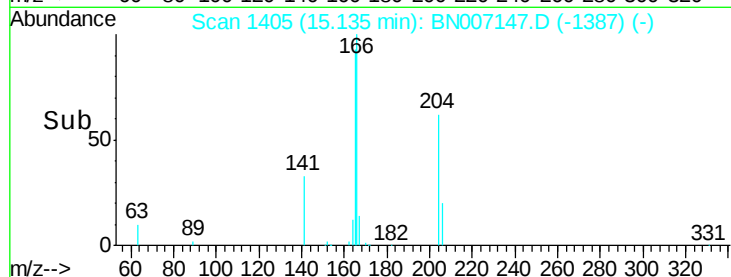
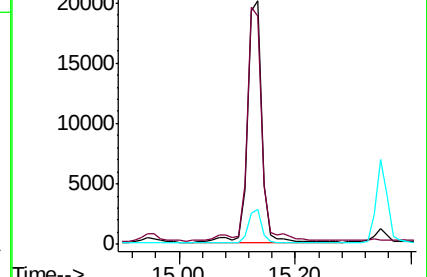
167 13.5 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.82 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

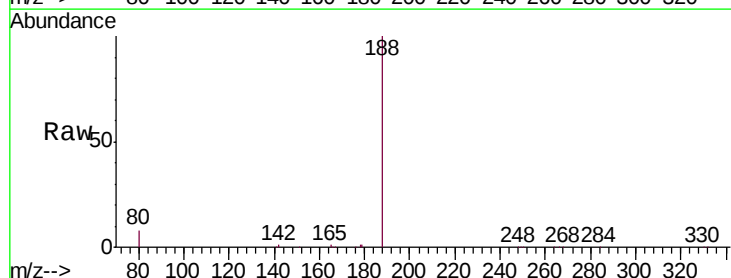
Tgt Ion:188 Resp: 45532

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

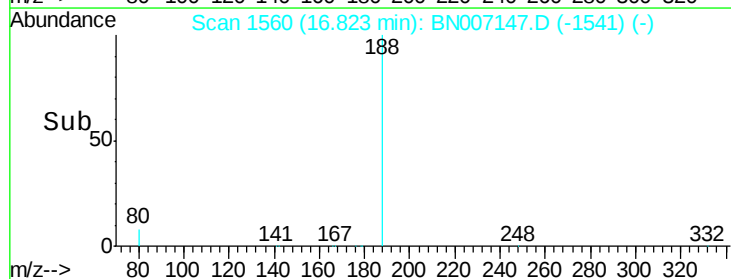
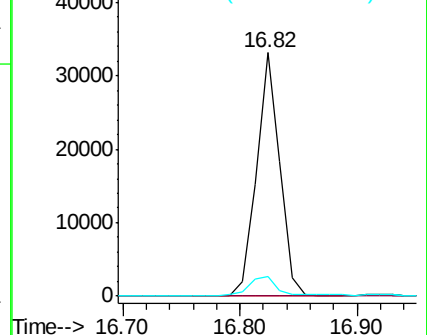
80 8.0 7.8 11.6

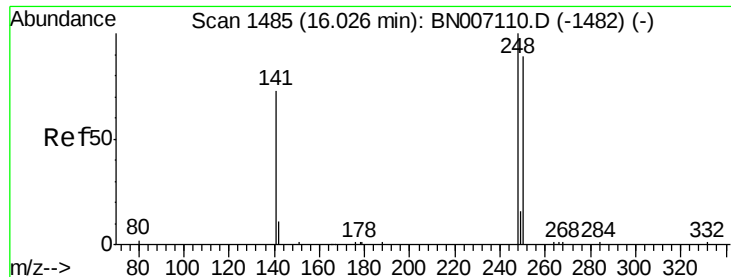


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#19

4-Bromophenyl-phenylether

Concen: 0.396 ng

RT: 16.03 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

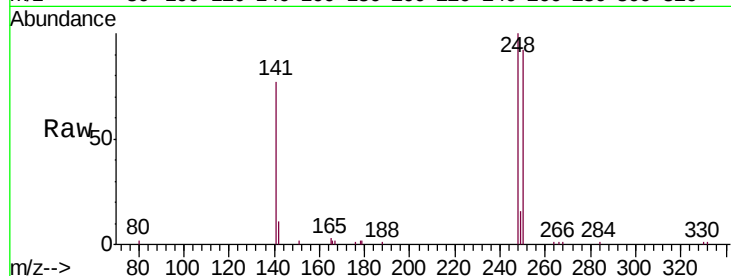
Tgt Ion:248 Resp: 11151

Ion Ratio Lower Upper

248 100

250 91.7 78.9 118.3

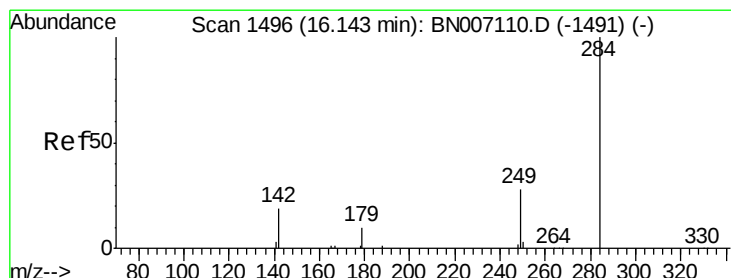
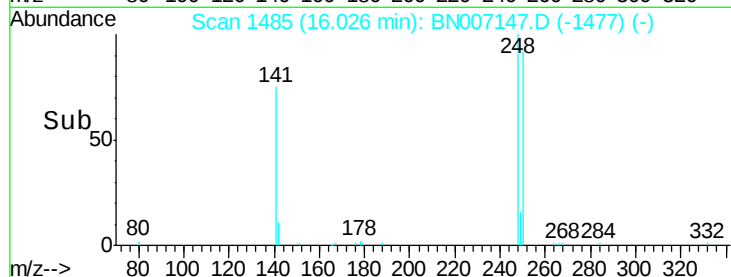
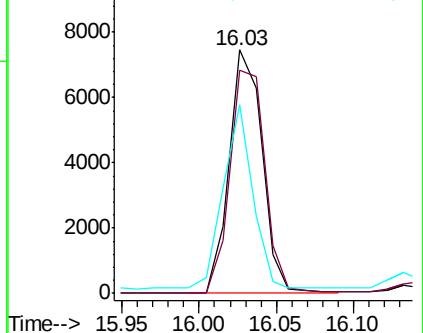
141 77.3 43.3 64.9#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#20

Hexachlorobenzene

Concen: 0.405 ng

RT: 16.14 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

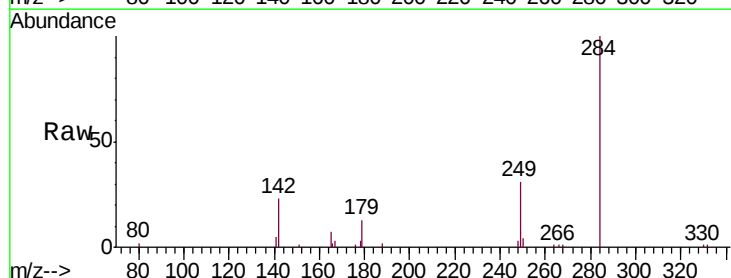
Tgt Ion:284 Resp: 10963

Ion Ratio Lower Upper

284 100

142 36.8 30.5 45.7

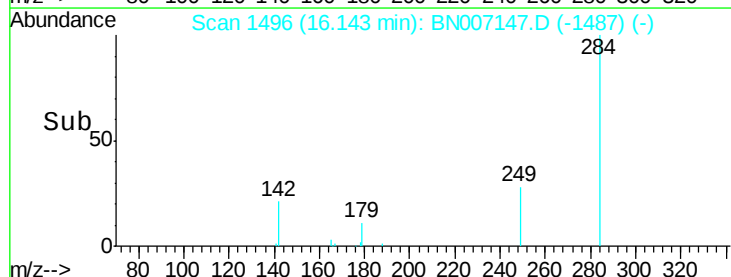
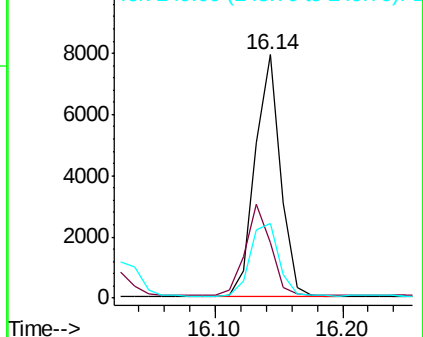
249 33.6 26.7 40.1

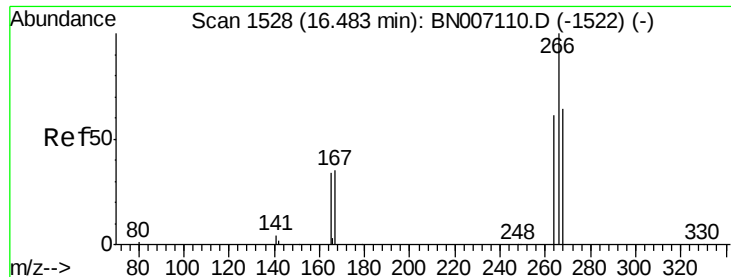


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

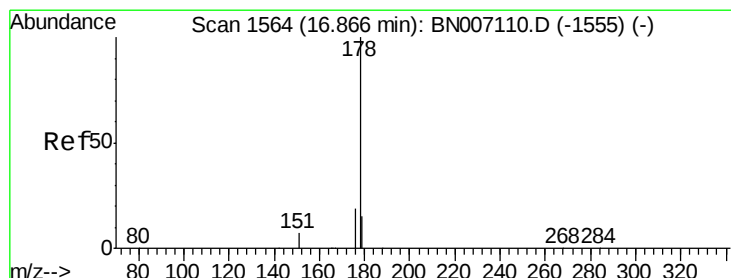
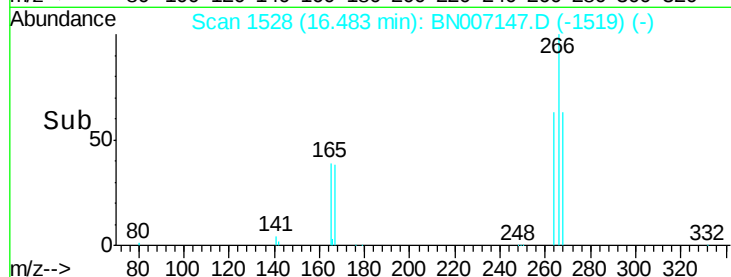
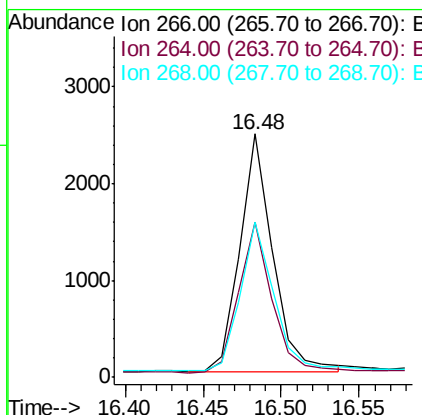
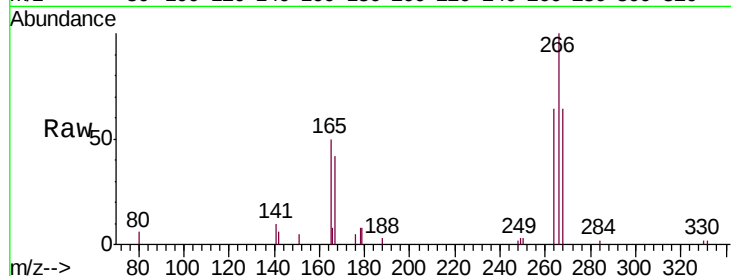




#21
 Pentachlorophenol
 Concen: 0.357 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007147.D
 Acq: 14 Aug 2019 00:20

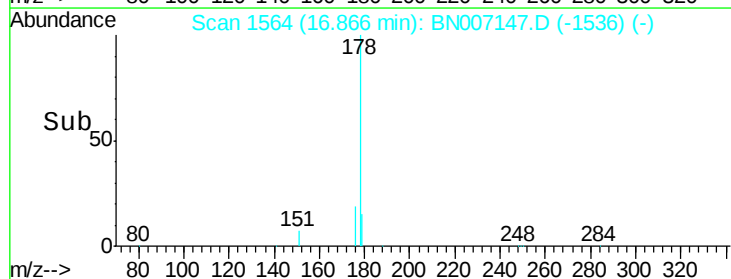
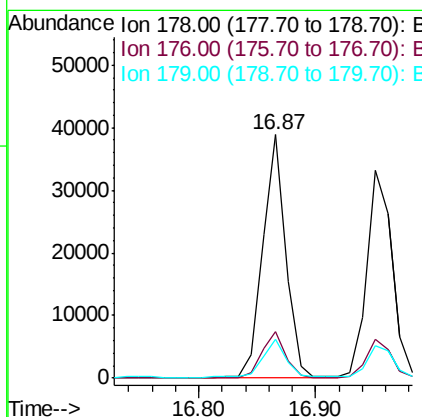
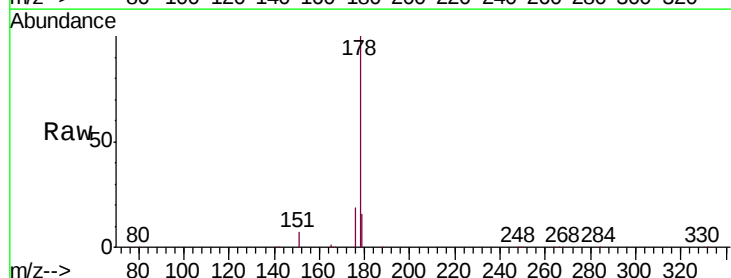
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

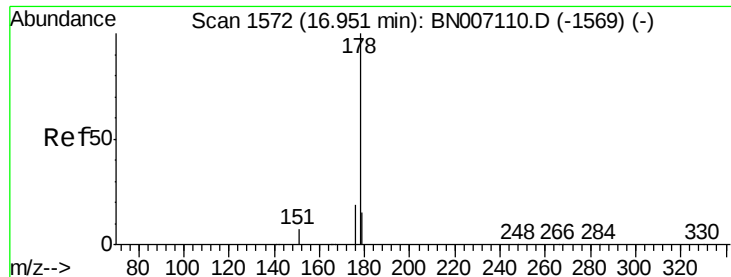
Tgt Ion: 266 Resp: 3600
 Ion Ratio Lower Upper
 266 100
 264 63.8 52.3 78.5
 268 64.0 51.5 77.3



#22
 Phenanthrene
 Concen: 0.388 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007147.D
 Acq: 14 Aug 2019 00:20

Tgt Ion: 178 Resp: 52919
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.2 22.8
 179 15.6 12.3 18.5





#23

Anthracene

Concen: 0.392 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

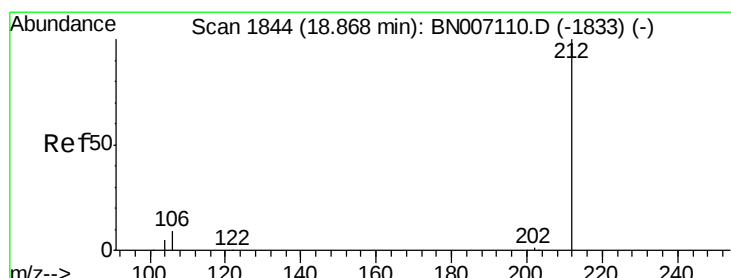
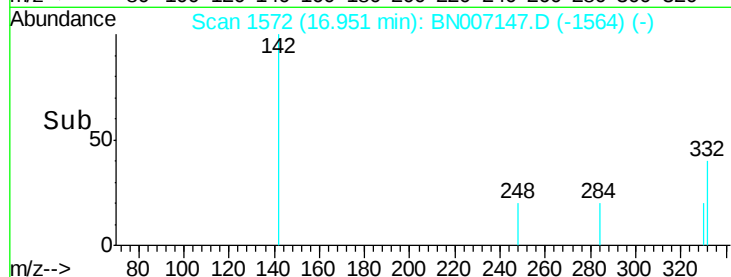
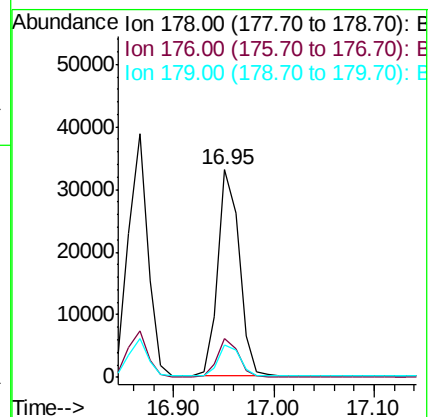
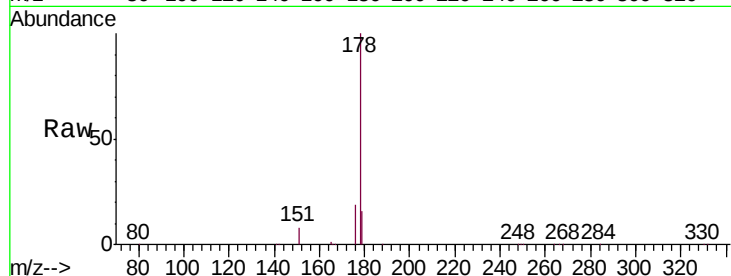
Tgt Ion:178 Resp: 48860

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

179 15.2 12.5 18.7



#24

Fluoranthene-d10

Concen: 0.355 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

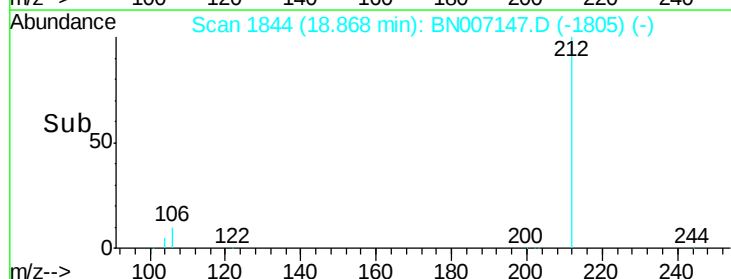
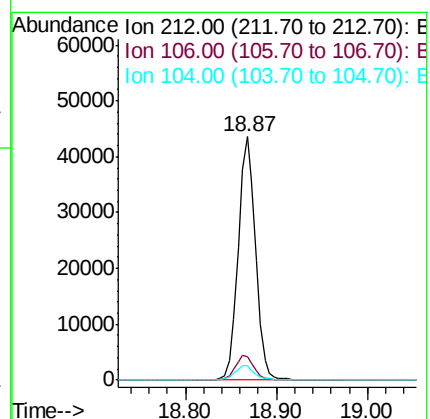
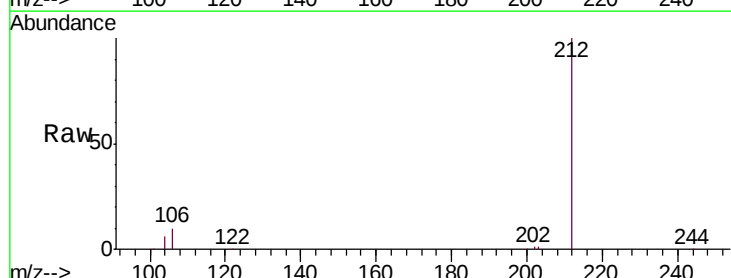
Tgt Ion:212 Resp: 57345

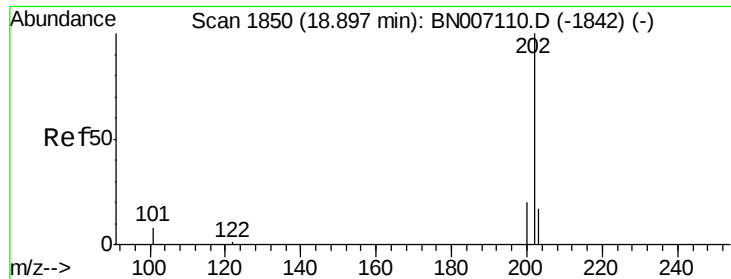
Ion Ratio Lower Upper

212 100

106 10.3 8.2 12.2

104 5.8 4.5 6.7





#25

Fluoranthene

Concen: 0.364 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

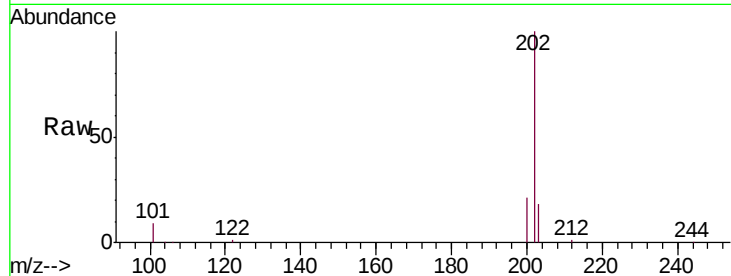
Tgt Ion:202 Resp: 63528

Ion Ratio Lower Upper

202 100

101 8.9 7.0 10.4

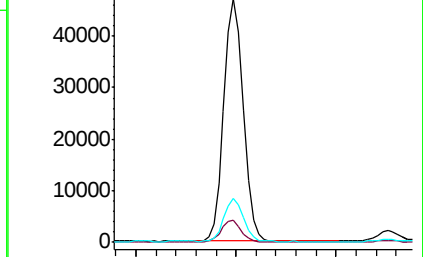
203 17.3 13.8 20.8



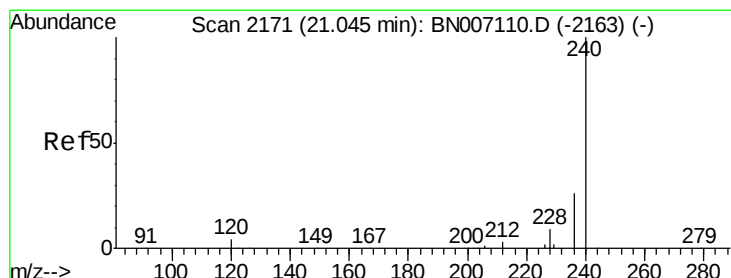
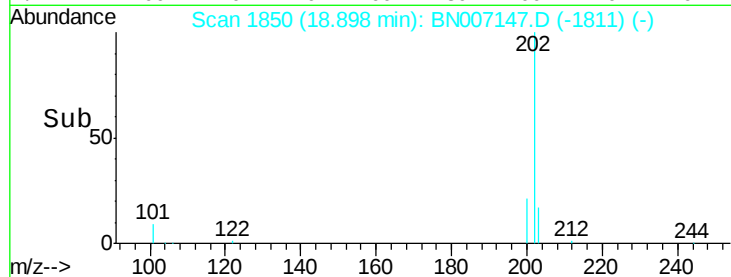
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 18.80 18.90 19.00



#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.05 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

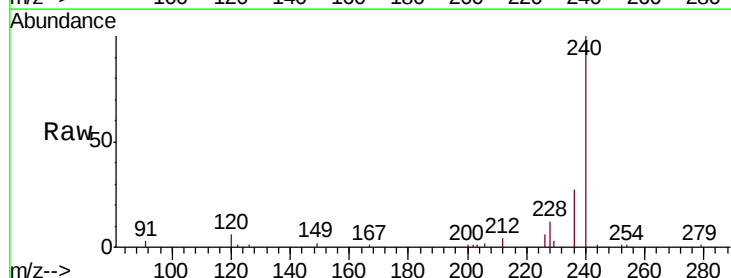
Tgt Ion:240 Resp: 44851

Ion Ratio Lower Upper

240 100

120 5.7 4.0 6.0

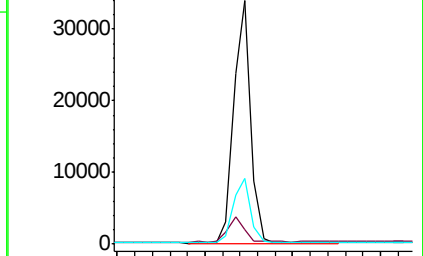
236 26.8 21.3 31.9



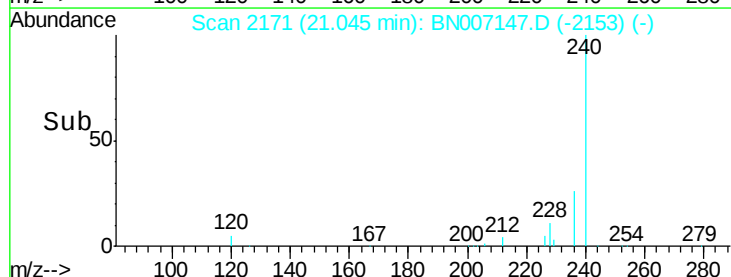
Abundance Ion 240.00 (239.70 to 240.70): E

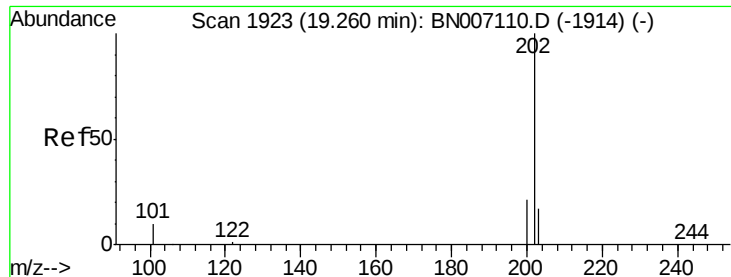
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 20.90 21.00 21.10 21.20

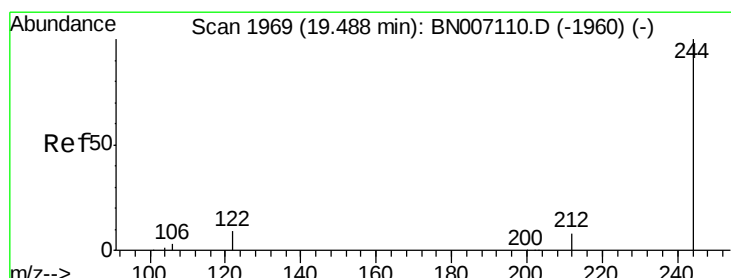
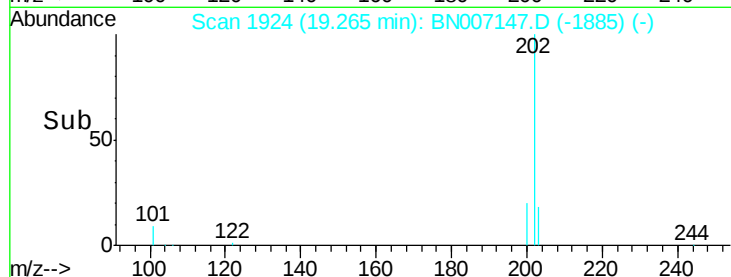
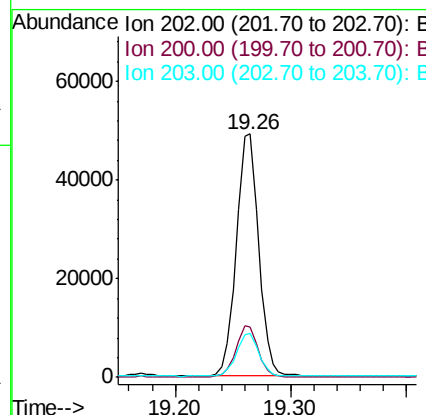
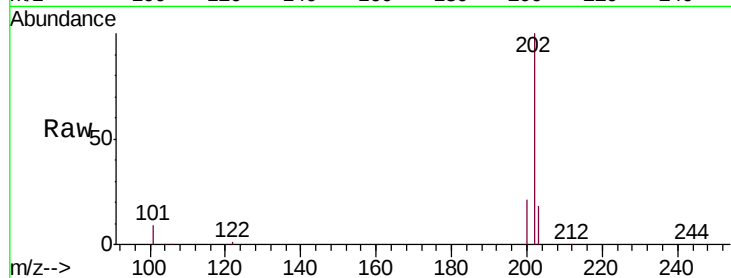




#27
 Pyrene
 Concen: 0.418 ng
 RT: 19.26 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BN007147.D
 Acq: 14 Aug 2019 00:20

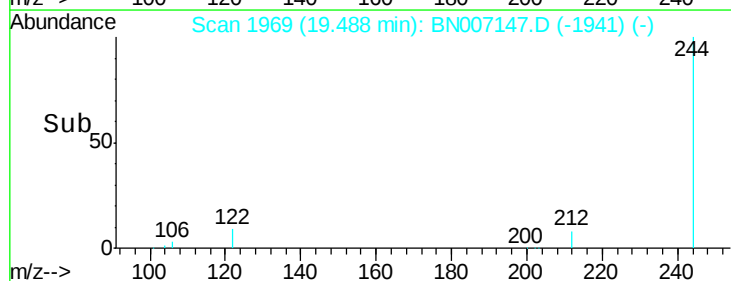
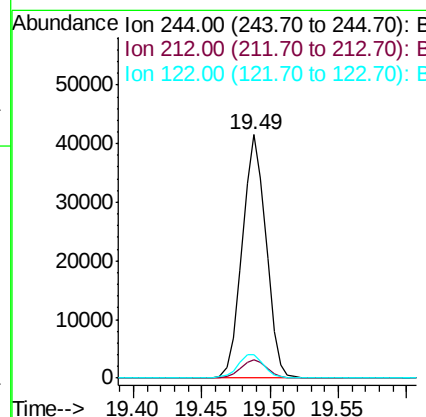
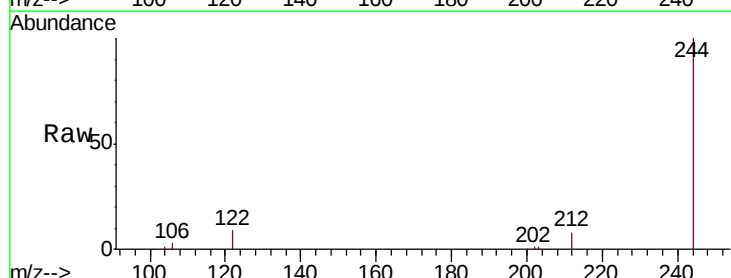
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

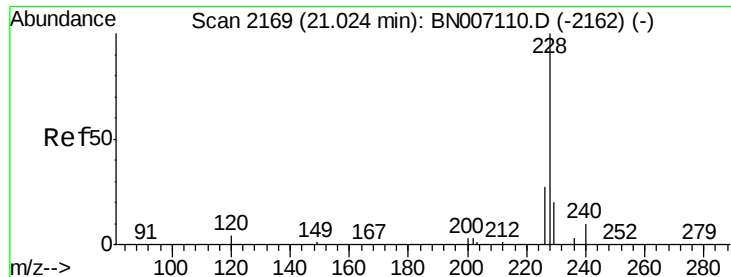
Tgt Ion:202 Resp: 65799
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.6 24.8
 203 18.2 14.0 21.0



#28
 Terphenyl-d14
 Concen: 0.407 ng
 RT: 19.49 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BN007147.D
 Acq: 14 Aug 2019 00:20

Tgt Ion:244 Resp: 49772
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 9.4 7.4 11.2





#29

Benzo(a)anthracene

Concen: 0.409 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

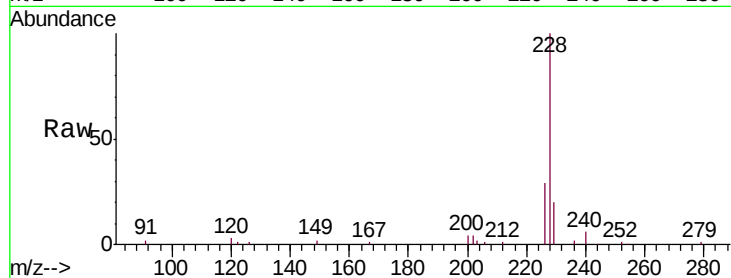
Tgt Ion:228 Resp: 67069

Ion Ratio Lower Upper

228 100

226 29.3 21.8 32.6

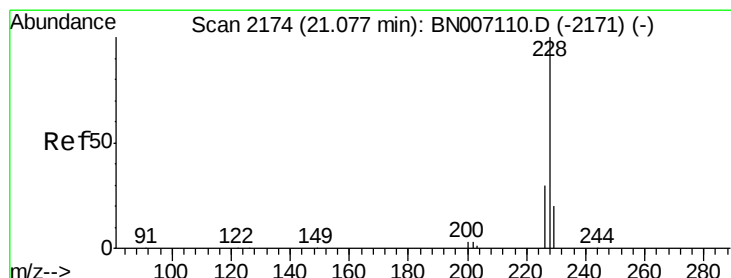
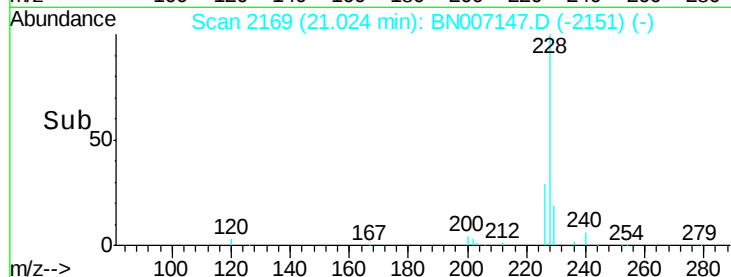
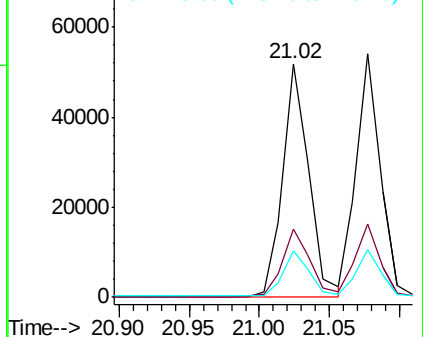
229 19.7 15.6 23.4



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: 0.400 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

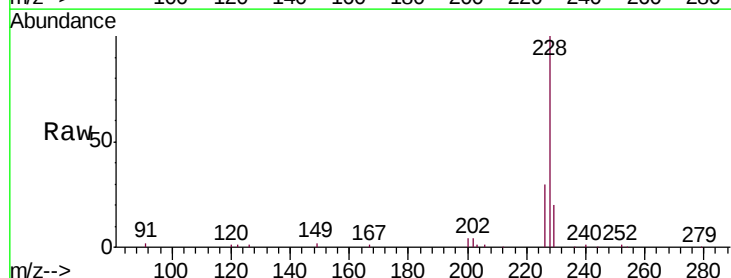
Tgt Ion:228 Resp: 63774

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

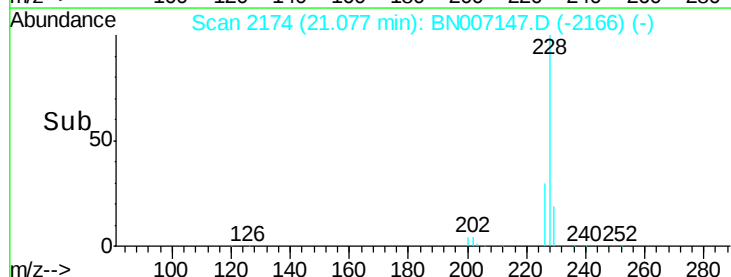
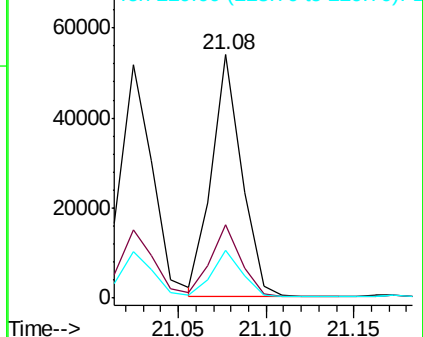
229 19.8 15.7 23.5

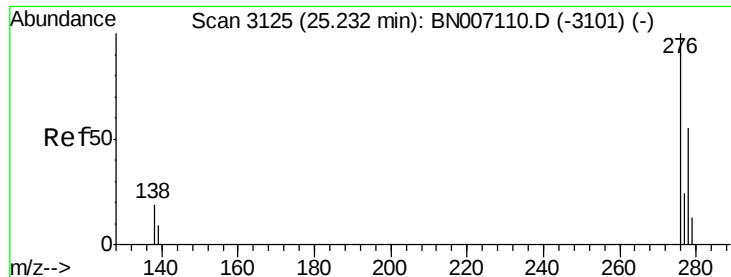


Abundance Ion 228.00 (227.70 to 228.70): E

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: 0.436 ng

RT: 25.24 min Scan# 3126

Delta R.T. -0.02 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

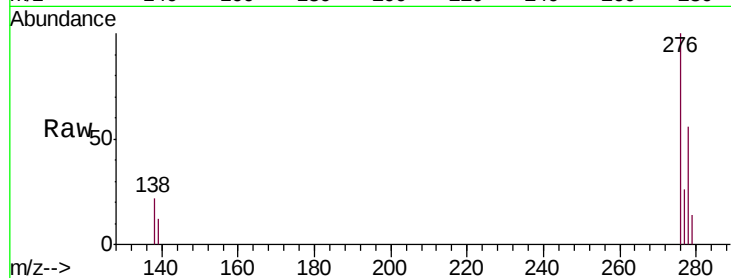
Tgt Ion:276 Resp: 76495

Ion Ratio Lower Upper

276 100

138 21.7 16.0 24.0

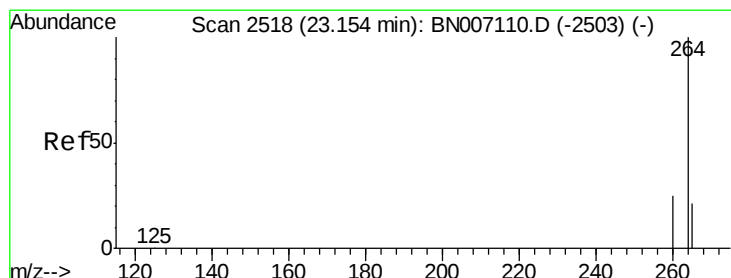
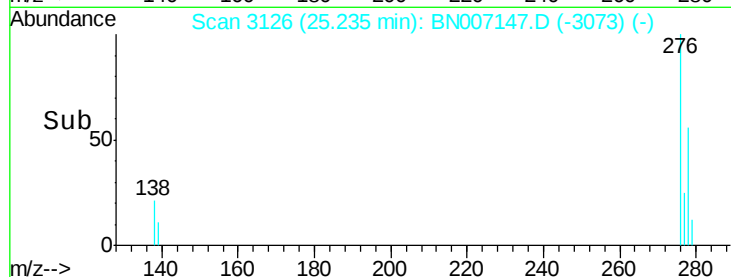
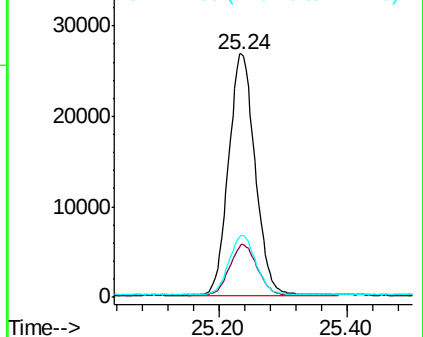
277 24.8 19.9 29.9



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# 2519

Delta R.T. -0.01 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

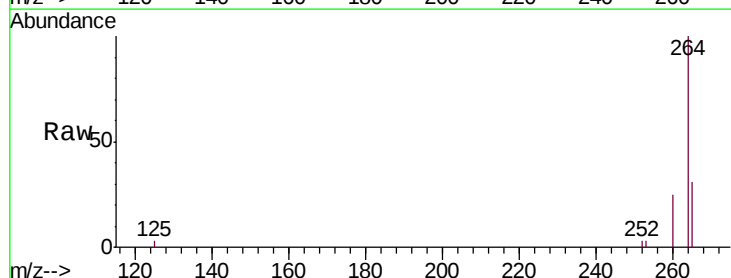
Tgt Ion:264 Resp: 50875

Ion Ratio Lower Upper

264 100

260 25.0 19.8 29.8

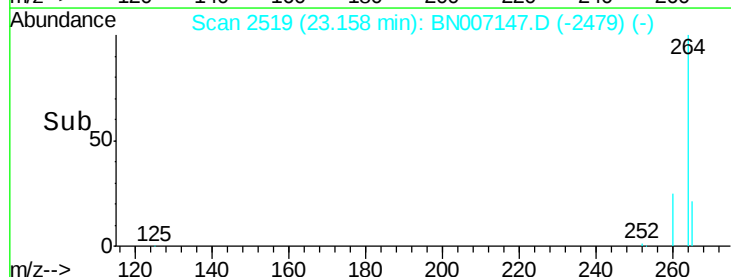
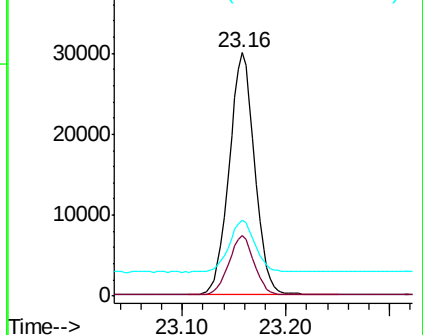
265 31.0 26.2 39.4

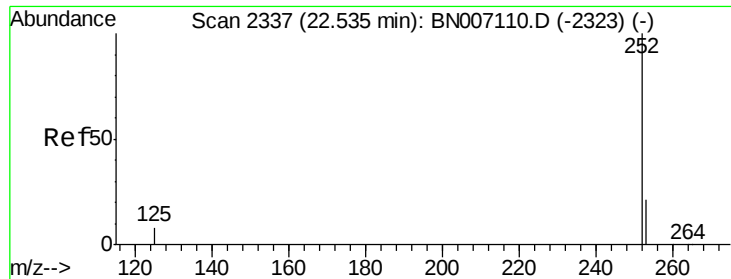


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.380 ng

RT: 22.53 min Scan# 2337

Delta R.T. -0.01 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

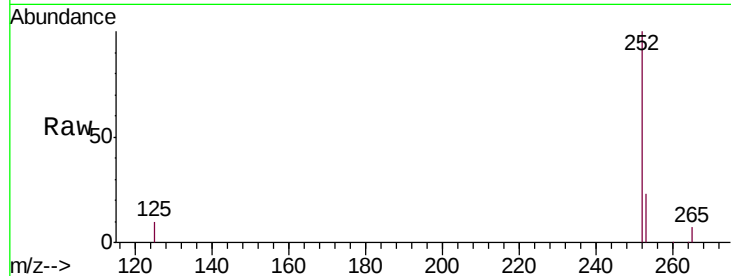
Tgt Ion:252 Resp: 66249

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

125 9.6 7.4 11.0

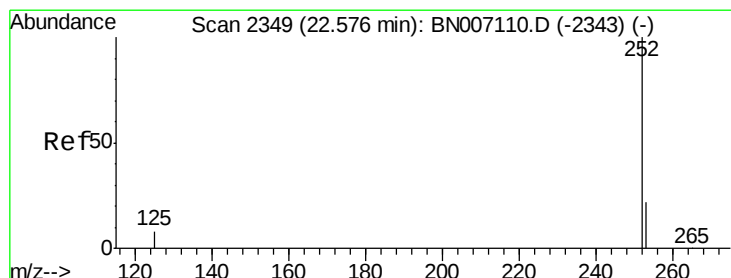
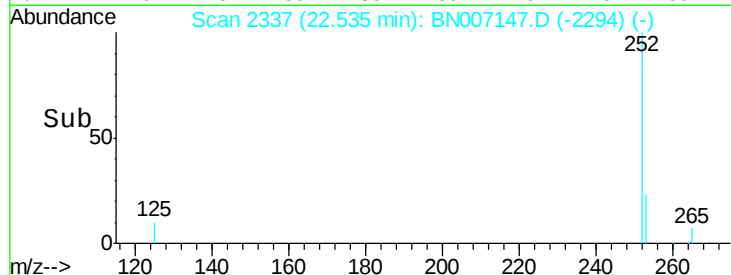
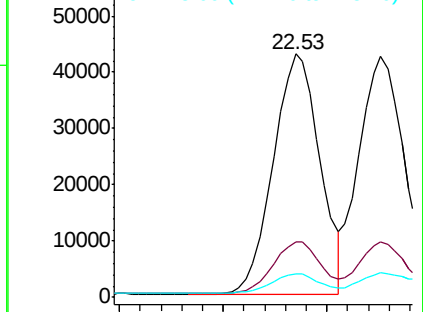


Abundance

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



#34

Benzo(k)fluoranthene

Concen: 0.376 ng

RT: 22.58 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

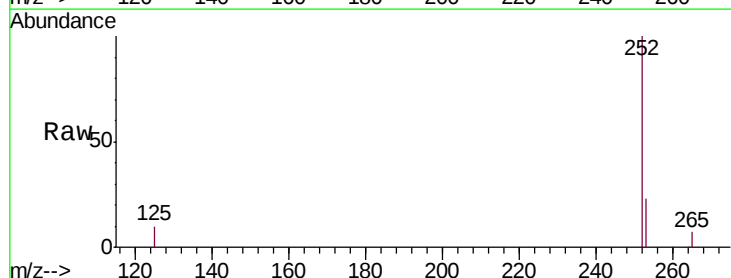
Tgt Ion:252 Resp: 64762

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

125 10.2 7.4 11.0

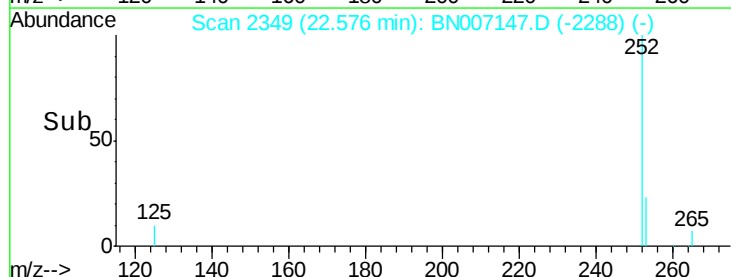
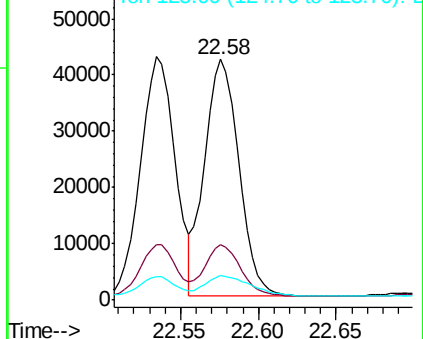


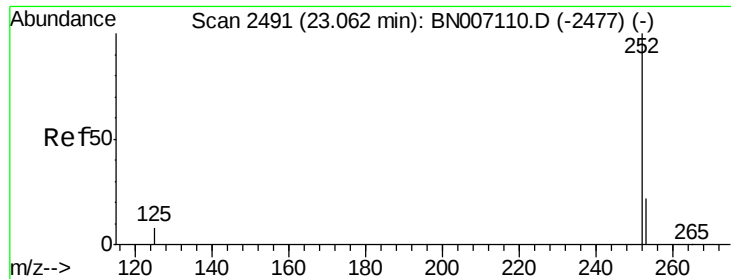
Abundance

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





#35

Benzo(a)pyrene

Concen: 0.389 ng

RT: 23.07 min Scan# 2492

Delta R.T. -0.02 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

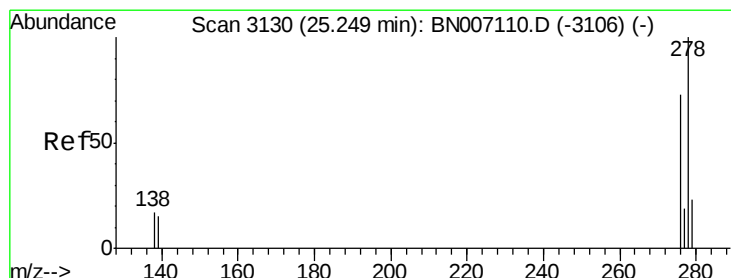
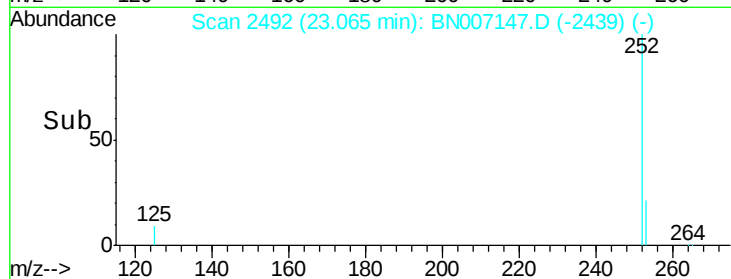
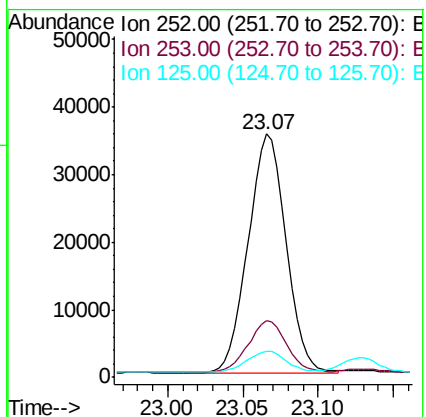
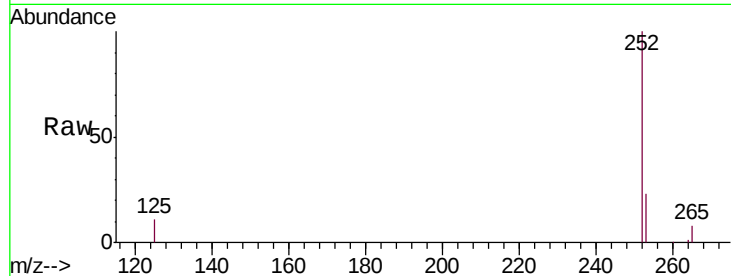
Tgt Ion:252 Resp: 61554

Ion Ratio Lower Upper

252 100

253 23.1 18.5 27.7

125 10.8 8.2 12.4



#36

Dibenzo(a,h)anthracene

Concen: 0.395 ng

RT: 25.25 min Scan# 3131

Delta R.T. -0.02 min

Lab File: BN007147.D

Acq: 14 Aug 2019 00:20

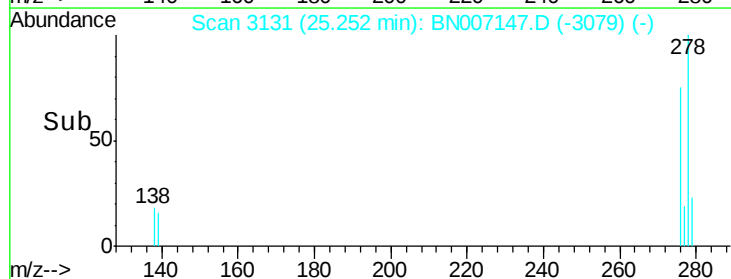
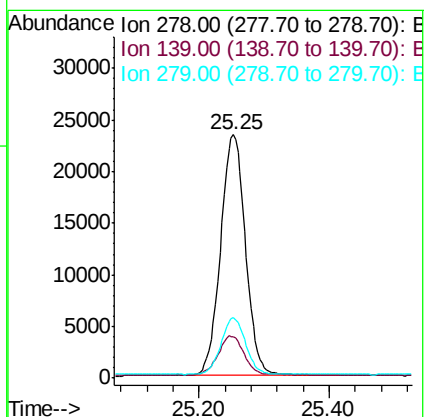
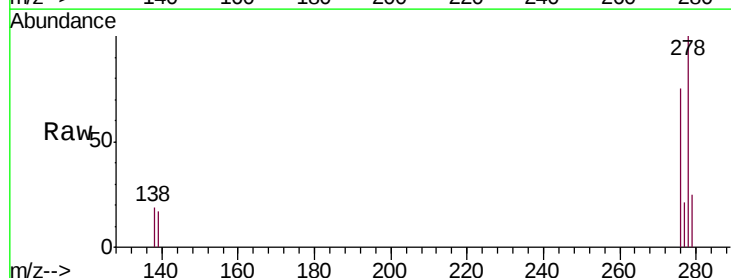
Tgt Ion:278 Resp: 62293

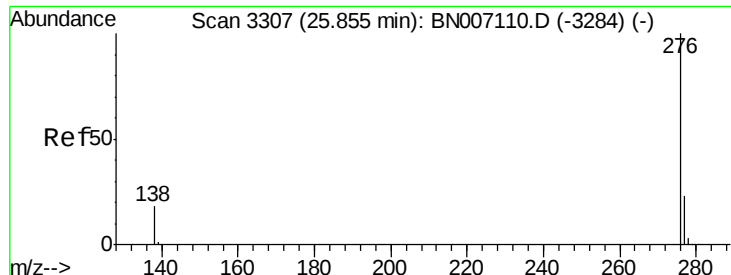
Ion Ratio Lower Upper

278 100

139 17.0 11.3 16.9#

279 24.7 19.3 28.9





#37

Benzo(g,h,i)perylene

Concen: 0.383 ng

RT: 25.86 min Scan# 3309

Delta R.T. -0.02 min

Lab File: BN007147.D

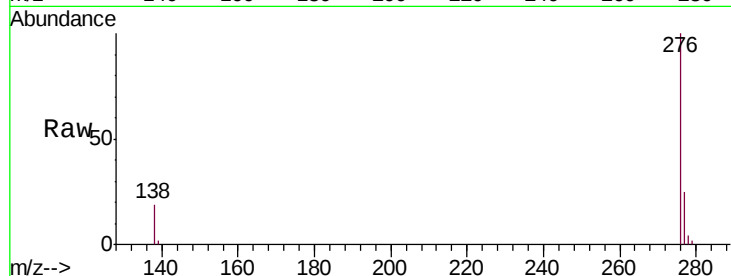
Acq: 14 Aug 2019 00:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 62234

Ion Ratio Lower Upper

276 100

277 24.5 19.8 29.8

138 19.3 14.6 22.0

