

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
 Data File : BN007125.D
 Acq On : 13 Aug 2019 11:07
 Operator : HP/JU
 Sample : K4239-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 13 12:15:42 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	9092	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	35323	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	20260	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	47119	0.40	ng	0.00
26) Chrysene-d12	21.05	240	45899	0.40	ng	-0.01
32) Perylene-d12	23.16	264	50516	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	6168	0.28	ng	0.00
4) Phenol-d6	6.62	99	8319	0.31	ng	0.00
7) Nitrobenzene-d5	8.56	82	6534	0.23	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	13830	0.21	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	1974	0.18	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	4018	0.14	ng	0.00
24) Fluoranthene-d10	18.87	212	30116	0.18	ng	0.00
28) Terphenyl-d14	19.49	244	22374	0.18	ng	0.00

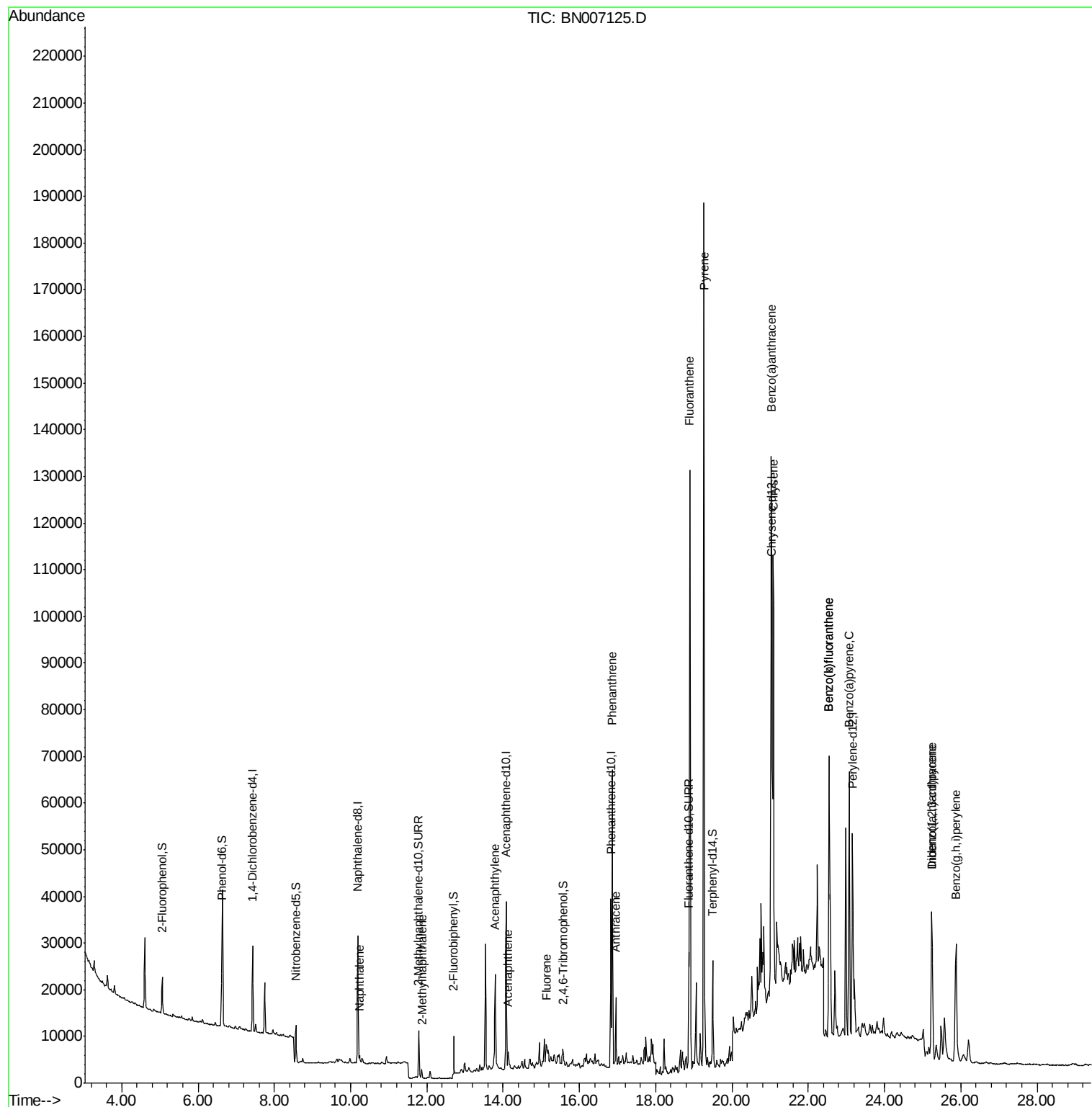
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Naphthalene	10.24	128	2089	0.021	ng	# 80
11) 2-Methylnaphthalene	11.87	142	1538	0.022	ng	# 81
15) Acenaphthylene	13.79	152	34354	0.324	ng	98
16) Acenaphthene	14.13	154	2878	0.042	ng	94
17) Fluorene	15.13	166	5485	0.054	ng	# 67
22) Phenanthrene	16.87	178	62211	0.441	ng	99
23) Anthracene	16.96	178	16894	0.131	ng	98
25) Fluoranthene	18.90	202	122578	0.679	ng	99
27) Pyrene	19.26	202	167946	1.043	ng	97
29) Benzo(a)anthracene	21.03	228	86493	0.515	ng	# 76
30) Chrysene	21.08	228	91064	0.558	ng	94
31) Indeno(1,2,3-cd)pyrene	25.24	276	47778	0.266	ng	99
33) Benzo(b)fluoranthene	22.54	252	96574	0.558	ng	# 94
34) Benzo(k)fluoranthene	22.54	252	96574	0.565	ng	# 94
35) Benzo(a)pyrene	23.07	252	74334	0.473	ng	96
36) Dibenzo(a,h)anthracene	25.25	278	13692	0.087	ng	# 64
37) Benzo(a,h,i)perylene	25.87	276	52677	0.327	ng	95

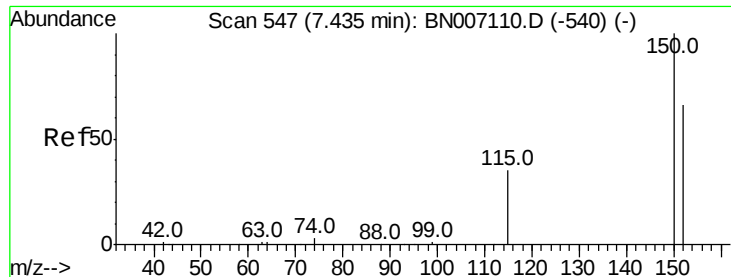
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
Data File : BN007125.D
Acq On : 13 Aug 2019 11:07
Operator : HP/JU
Sample : K4239-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 13 12:15:42 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



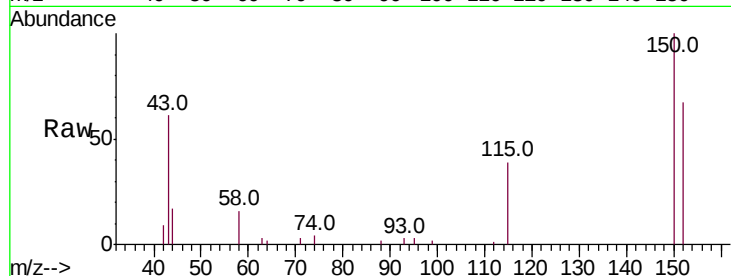


#1

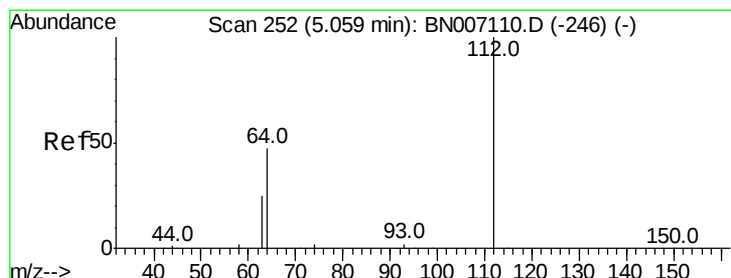
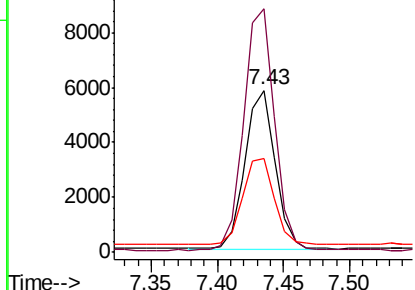
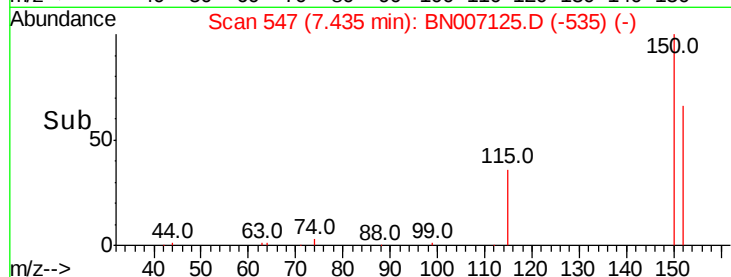
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 9092
Ion Ratio Lower Upper
152 100
150 150.2 121.7 182.5
115 57.8 46.2 69.4



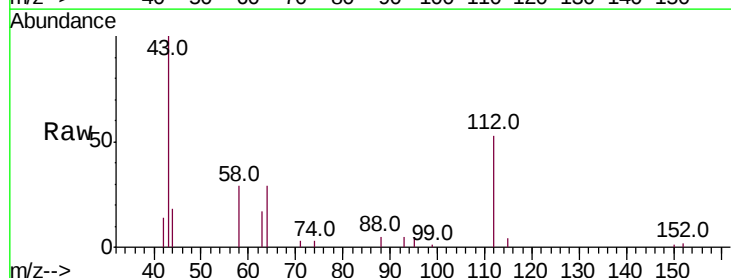
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



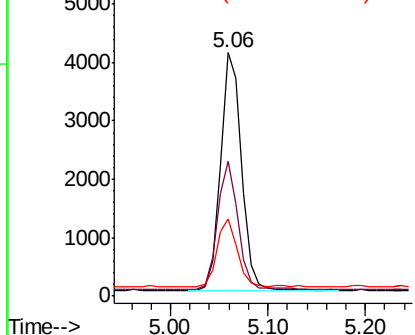
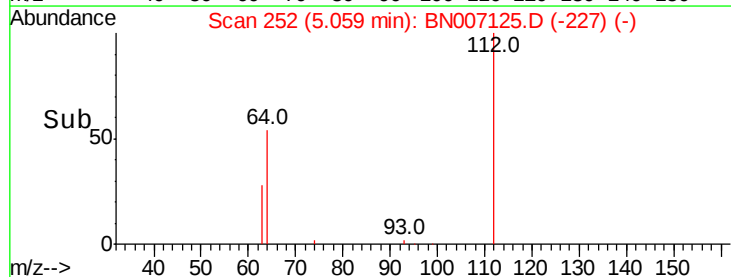
#3

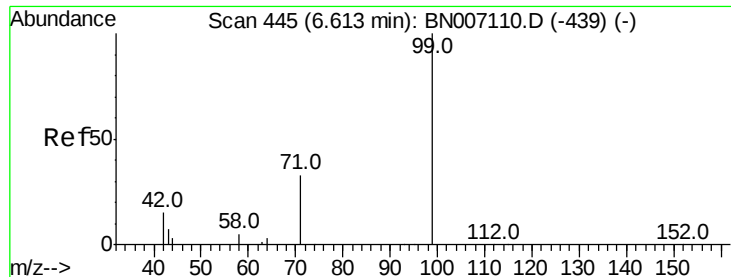
2-Fluorophenol
Concen: 0.282 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Tgt Ion:112 Resp: 6168
Ion Ratio Lower Upper
112 100
64 52.7 42.6 63.8
63 27.7 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#4

Phenol-d6

Concen: 0.307 ng

RT: 6.62 min Scan# 446

Delta R.T. 0.01 min

Lab File: BN007125.D

Acq: 13 Aug 2019 11:07

Instrument :

BNA_N

ClientSampleId :

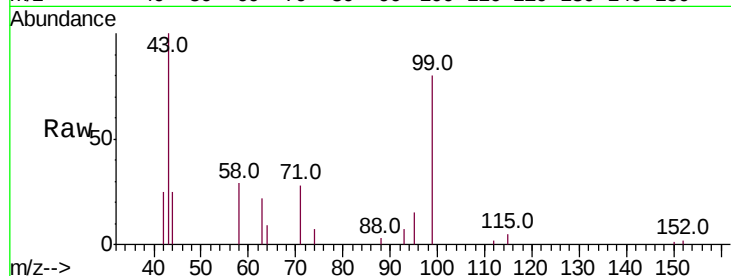
Tot Ion: 99 Resp: 8319

Ion Ratio Lower Upper

99 100

42 0.0 15.8 23.6#

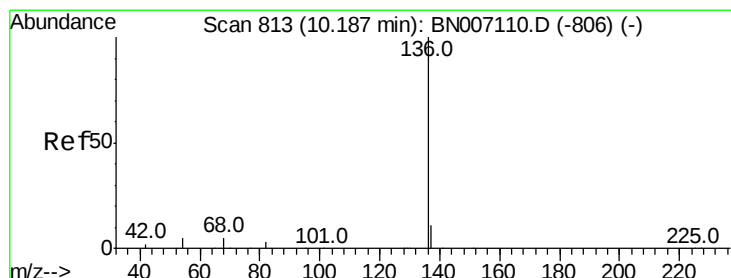
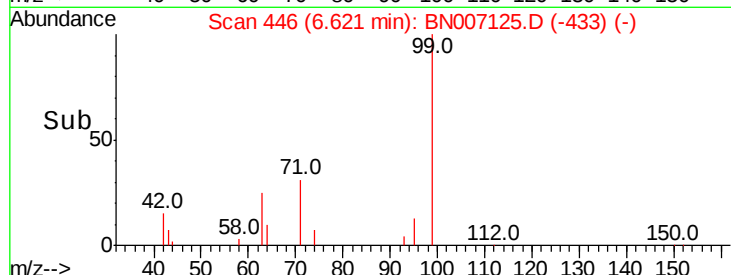
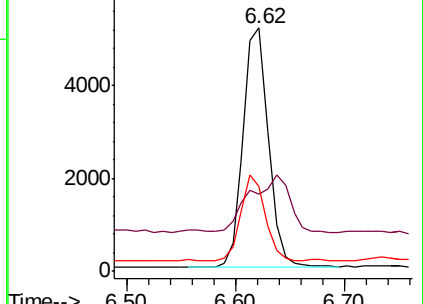
71 34.5 27.0 40.4



Abundance Ion 99.00 (98.70 to 99.70): BN007110.D (-439) (-)

Ion 42.00 (41.70 to 42.70): BN007110.D (-439) (-)

Ion 71.00 (70.70 to 71.70): BN007110.D (-439) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007125.D

Acq: 13 Aug 2019 11:07

Tgt Ion: 136 Resp: 35323

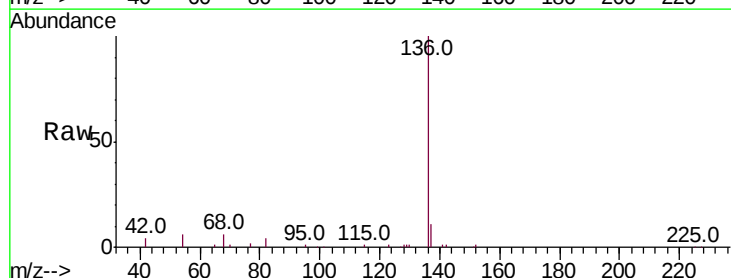
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 6.3 6.6 9.8#

68 5.9 6.0 9.0#

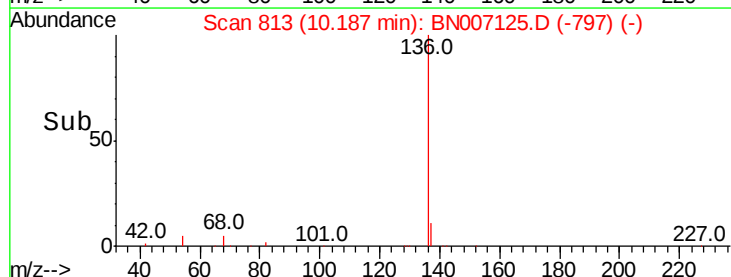
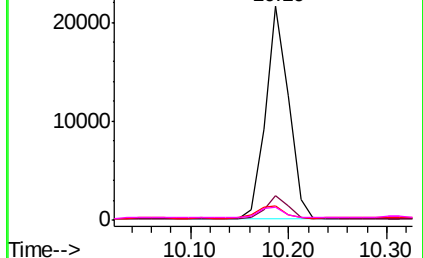


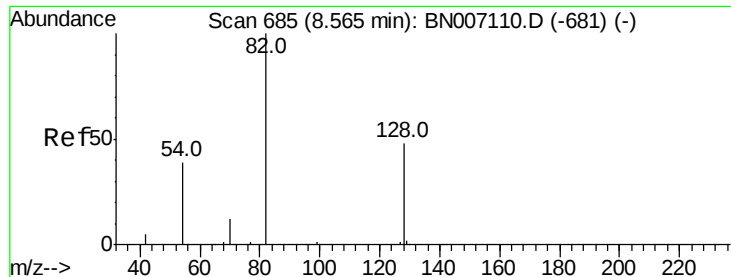
Abundance Ion 136.00 (135.70 to 136.70): BN007110.D (-806) (-)

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: 0.229 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007125.D

Acq: 13 Aug 2019 11:07

Instrument :

BNA_N

ClientSampleId :

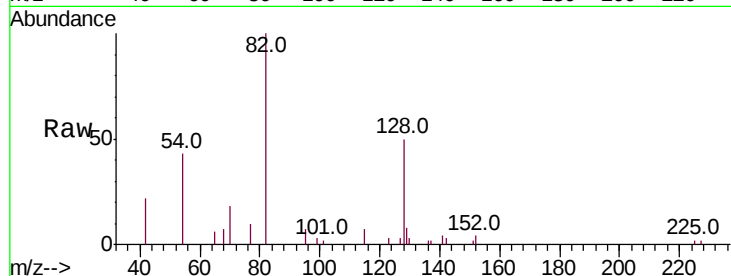
Tot Ion: 82 Resp: 6534

Ion Ratio Lower Upper

82 100

128 49.7 34.6 51.8

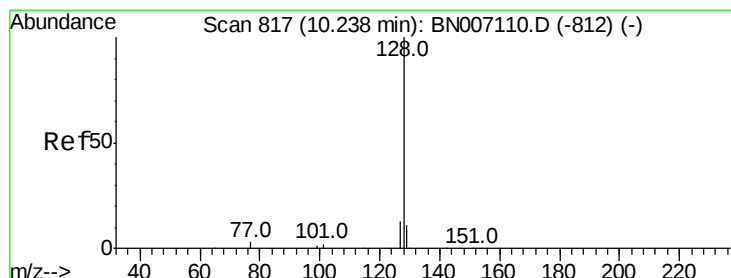
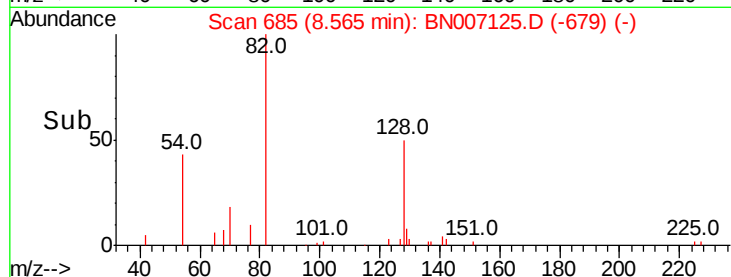
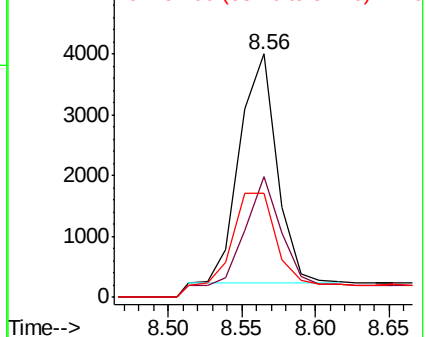
54 42.6 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#8

Naphthalene

Concen: 0.021 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007125.D

Acq: 13 Aug 2019 11:07

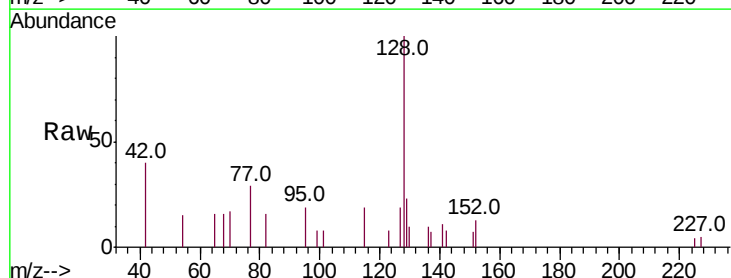
Tgt Ion: 128 Resp: 2089

Ion Ratio Lower Upper

128 100

129 22.8 9.4 14.2#

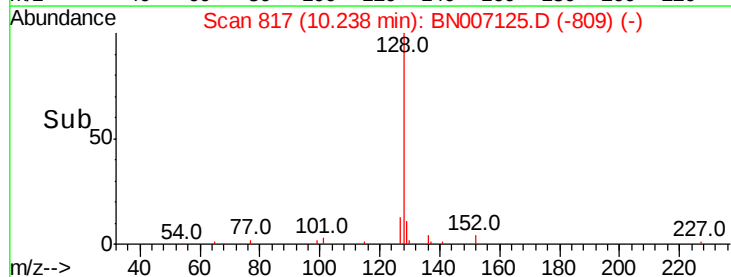
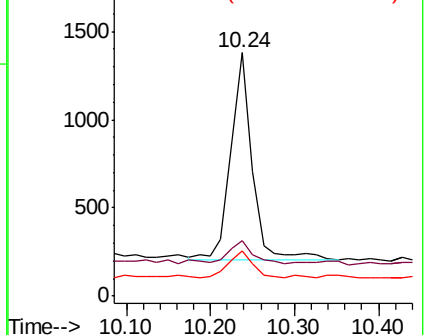
127 18.8 11.0 16.6#

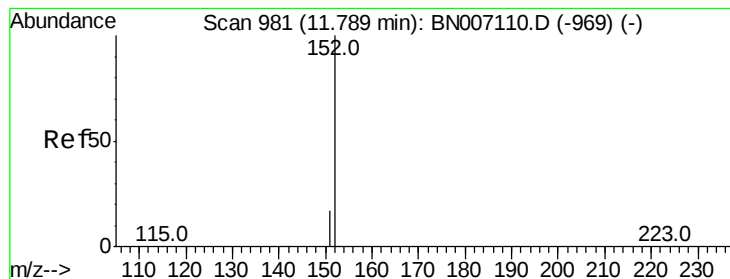


Abundance Ion 128.00 (127.70 to 128.70): BNC

Ion 129.00 (128.70 to 129.70): BNC

Ion 127.00 (126.70 to 127.70): BNC





#10

2-Methylnaphthalene-d10

Concen: 0.210 ng

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007125.D

Acq: 13 Aug 2019 11:07

Instrument :

BNA_N

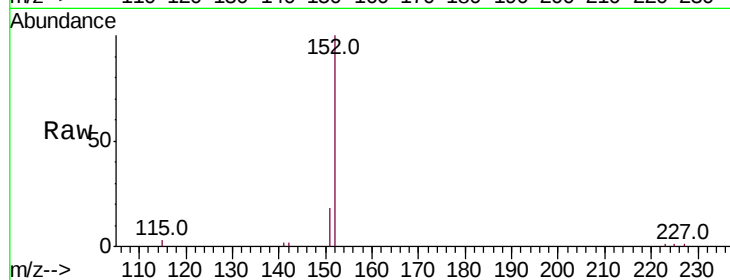
ClientSampleId :

Tot Ion:152 Resp: 13830

Ion Ratio Lower Upper

152 100

151 19.5 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.79

10000

8000

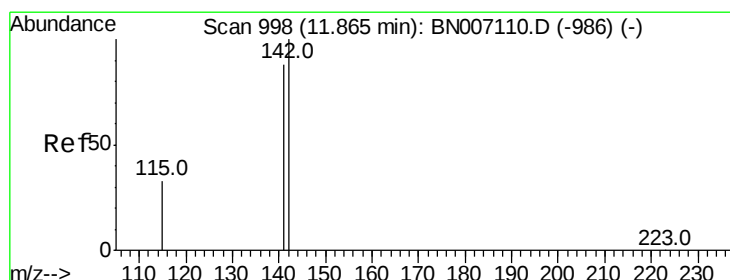
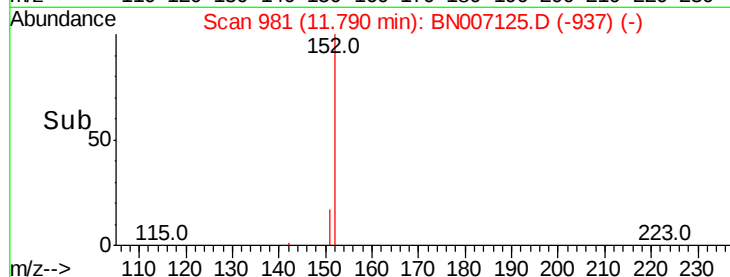
6000

4000

2000

0

Time--> 11.70 11.75 11.80 11.85



#11

2-Methylnaphthalene

Concen: 0.022 ng

RT: 11.87 min Scan# 998

Delta R.T. -0.00 min

Lab File: BN007125.D

Acq: 13 Aug 2019 11:07

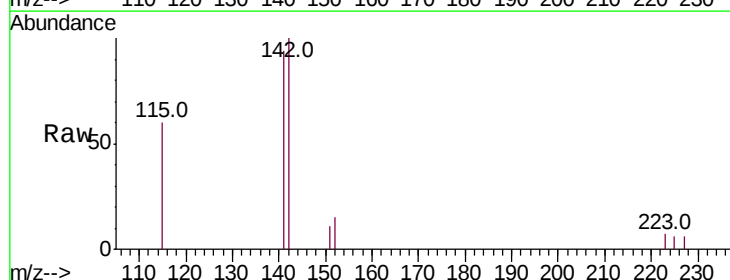
Tgt Ion:142 Resp: 1538

Ion Ratio Lower Upper

142 100

141 94.0 69.0 103.6

115 60.1 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

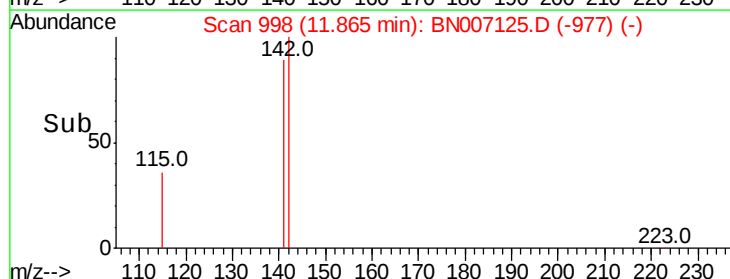
11.87

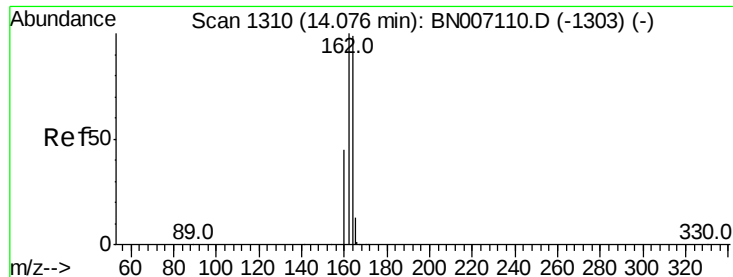
1000

500

0

Time--> 11.80 11.90





#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.08 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN007125.D

Acq: 13 Aug 2019 11:07

Instrument :

BNA_N

ClientSampleId :

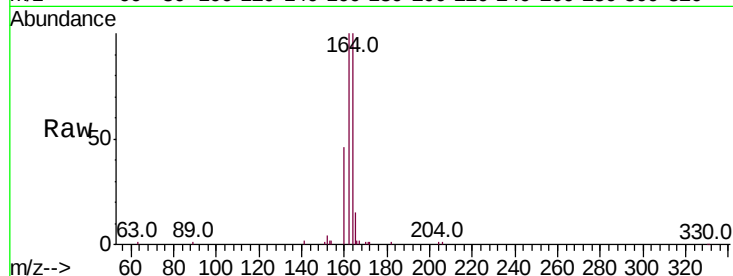
Tot Ion:164 Resp: 20260

Ion Ratio Lower Upper

164 100

162 100.3 82.2 123.4

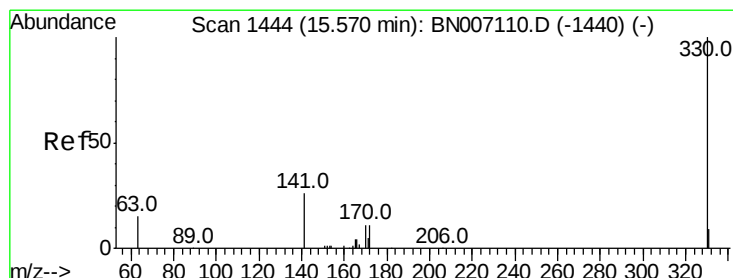
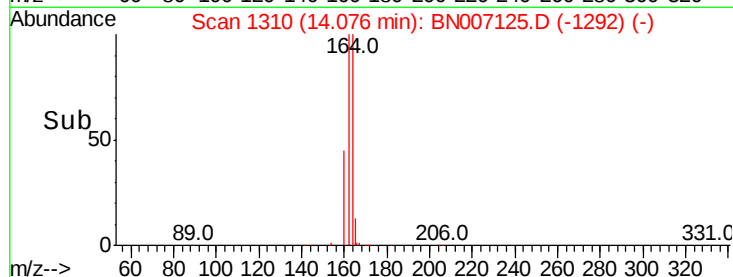
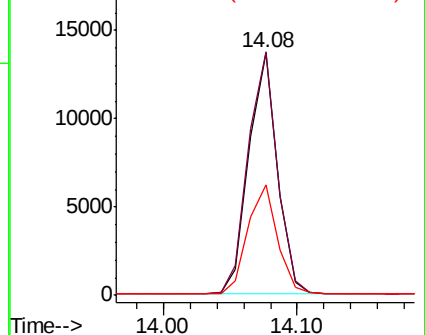
160 45.7 38.3 57.5



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: 0.181 ng

RT: 15.57 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BN007125.D

Acq: 13 Aug 2019 11:07

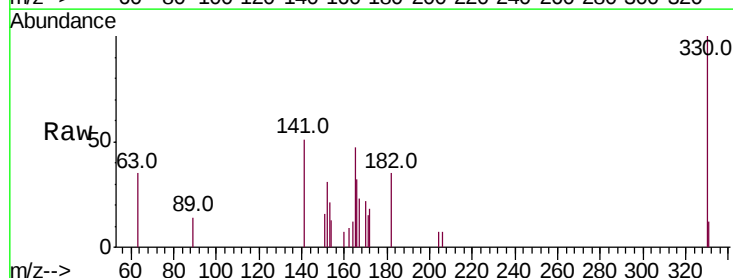
Tgt Ion:330 Resp: 1974

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

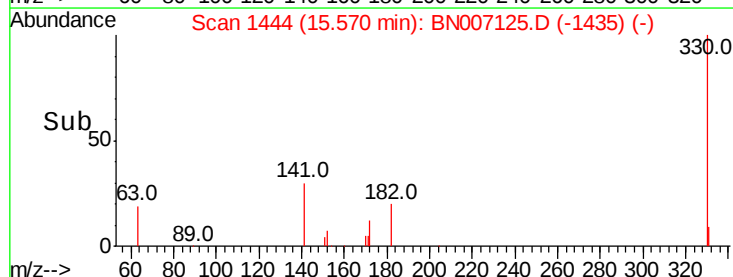
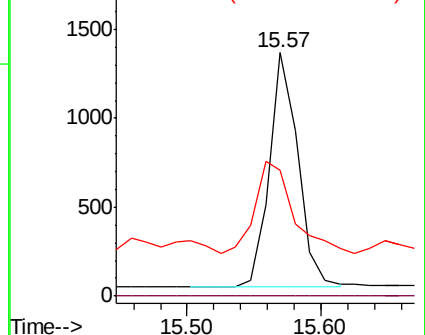
141 52.6 33.6 50.4#

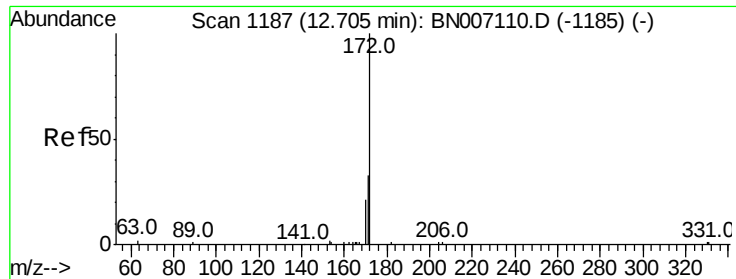


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

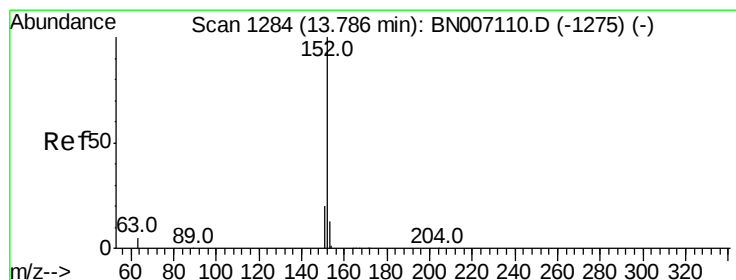
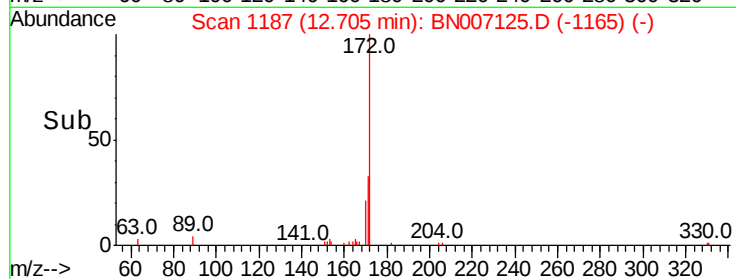
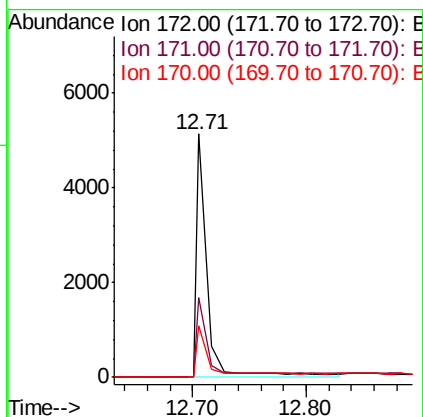
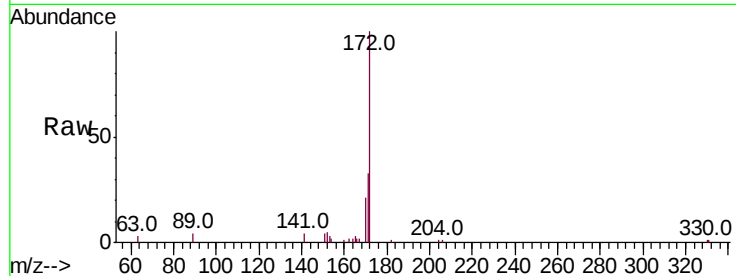




#14
2-Fluorobiphenyl
Concen: 0.136 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

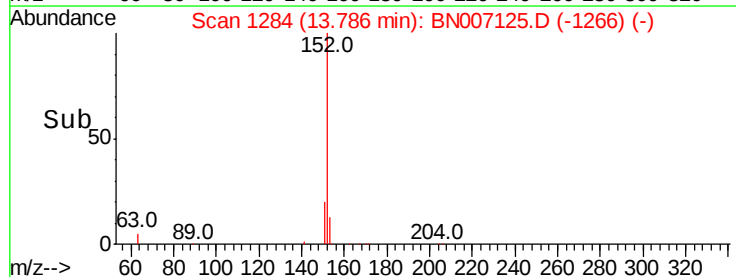
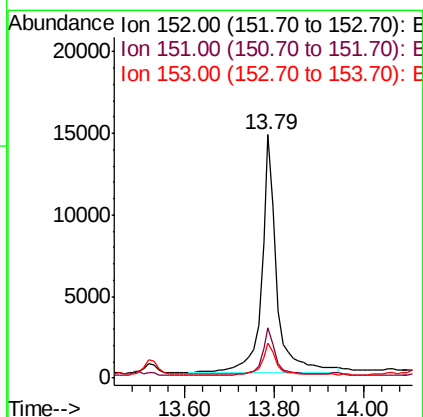
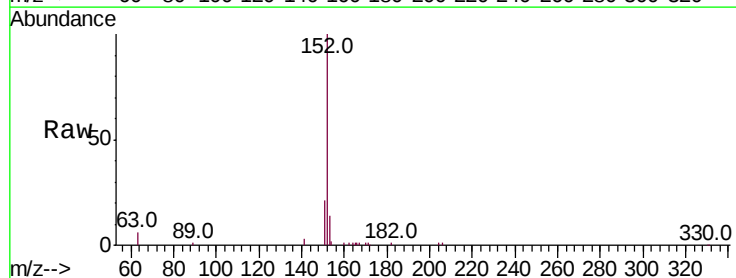
Instrument :
BNA_N
ClientSampleId :

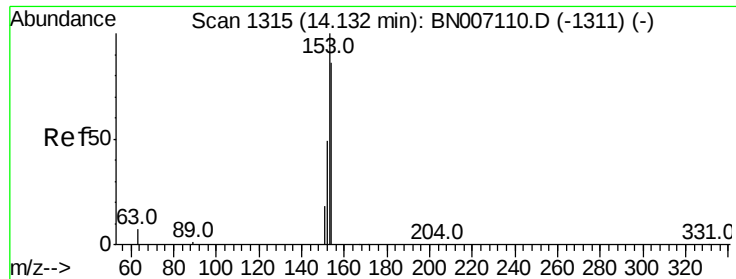
Tot Ion:172 Resp: 4018
Ion Ratio Lower Upper
172 100
171 33.0 26.3 39.5
170 21.1 17.0 25.4



#15
Acenaphthylene
Concen: 0.324 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Tgt Ion:152 Resp: 34354
Ion Ratio Lower Upper
152 100
151 19.0 15.8 23.6
153 12.2 10.4 15.6





#16

Acenaphthene

Concen: 0.042 ng

RT: 14.13 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN007125.D

Acq: 13 Aug 2019 11:07

Instrument :

BNA_N

ClientSampleId :

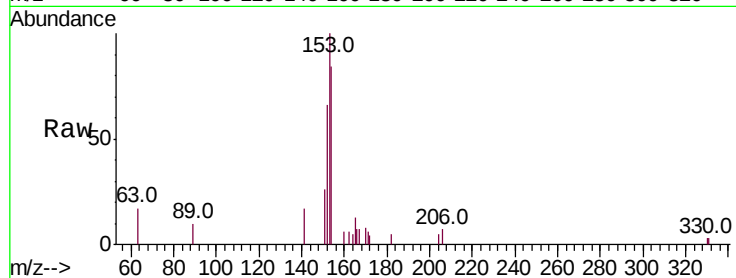
Tot Ion:154 Resp: 2878

Ion Ratio Lower Upper

154 100

153 114.0 89.5 134.3

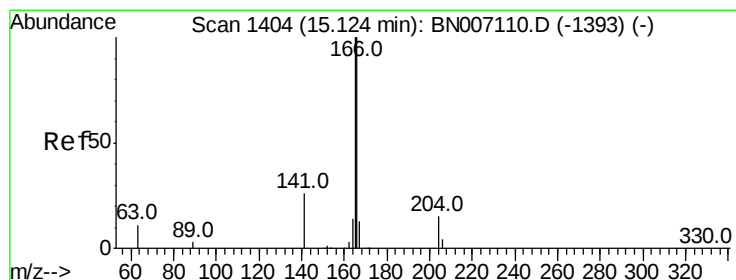
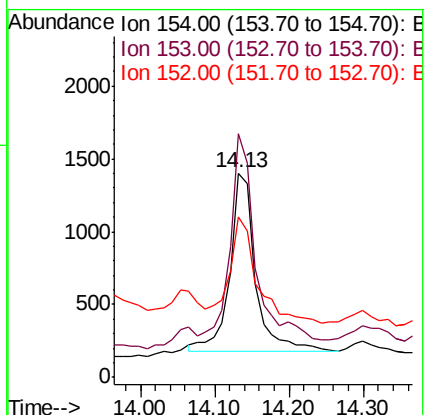
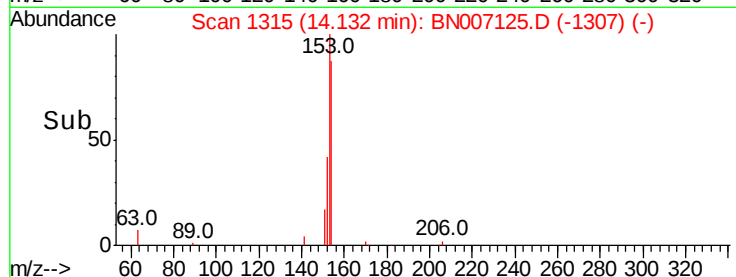
152 65.8 44.8 67.2



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: 0.054 ng

RT: 15.13 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN007125.D

Acq: 13 Aug 2019 11:07

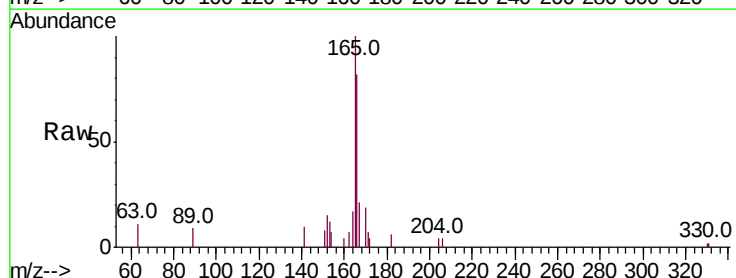
Tgt Ion:166 Resp: 5485

Ion Ratio Lower Upper

166 100

165 133.7 77.9 116.9#

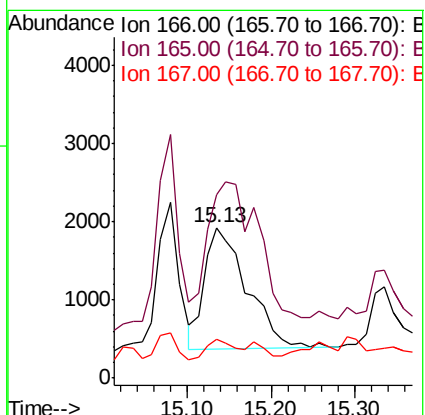
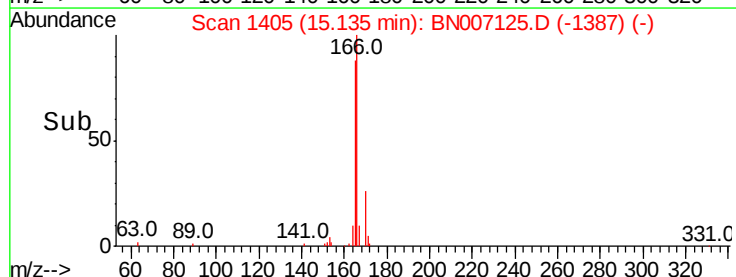
167 11.3 10.9 16.3

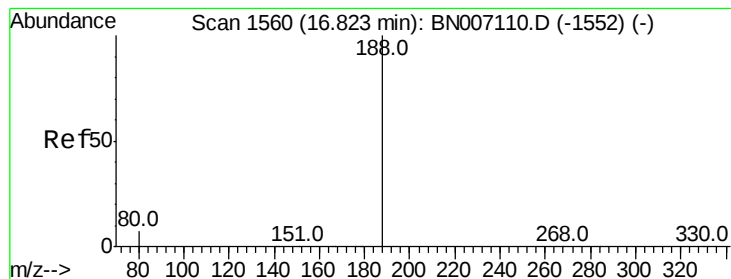


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN007125.D

Acq: 13 Aug 2019 11:07

Instrument :

BNA_N

ClientSampleId :

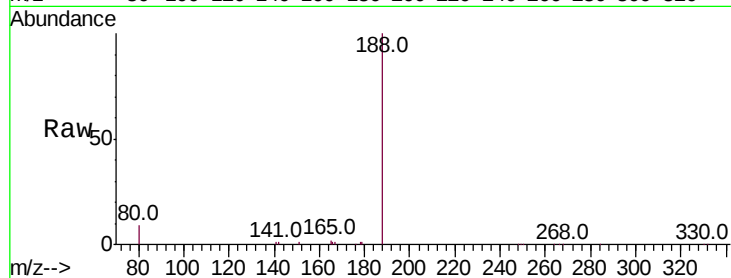
Tot Ion:188 Resp: 47119

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	7.8	11.6

188 100

94 0.0 0.0 0.0

80 8.7 7.8 11.6



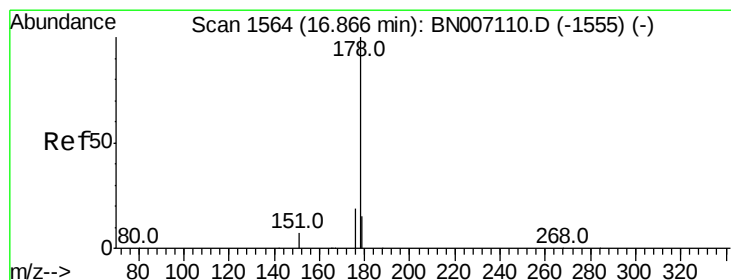
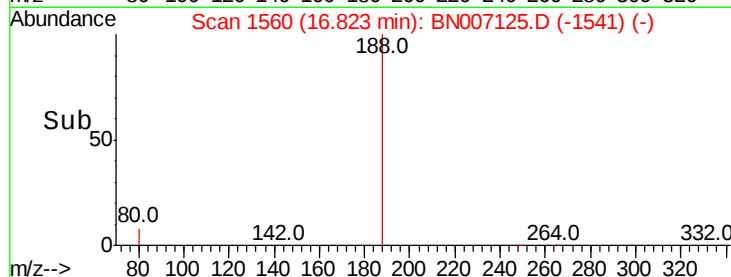
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

16.82

Time-->



#22

Phenanthrene

Concen: 0.441 ng

RT: 16.87 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN007125.D

Acq: 13 Aug 2019 11:07

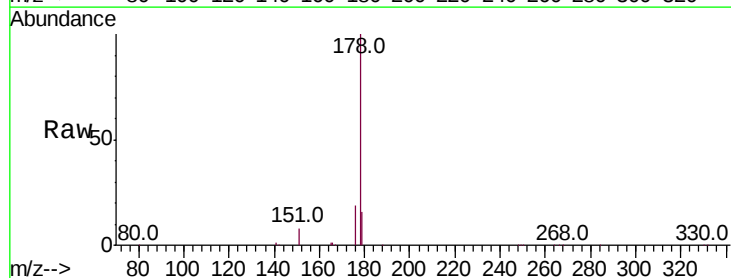
Tgt Ion:178 Resp: 62211

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	16.3	12.3	18.5

178 100

176 19.0 15.2 22.8

179 16.3 12.3 18.5



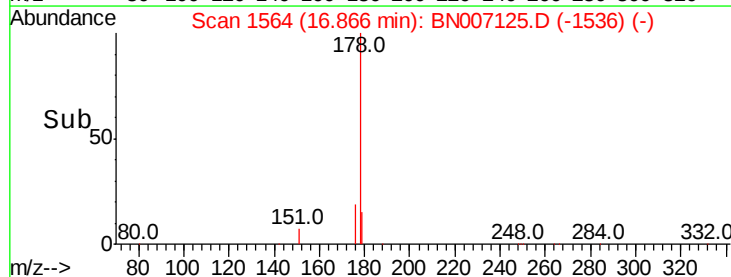
Abundance Ion 178.00 (177.70 to 178.70): E

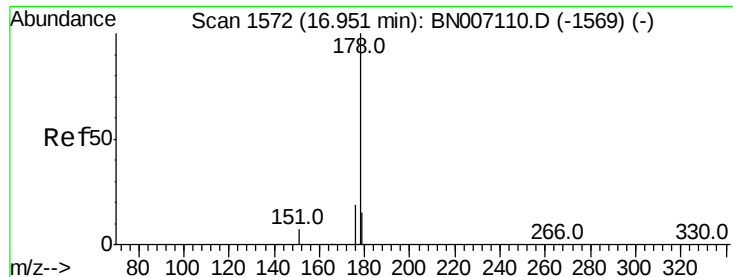
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

16.87

Time-->





#23

Anthracene

Concen: 0.131 ng

RT: 16.96 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN007125.D

Acq: 13 Aug 2019 11:07

Instrument :

BNA_N

ClientSampleId :

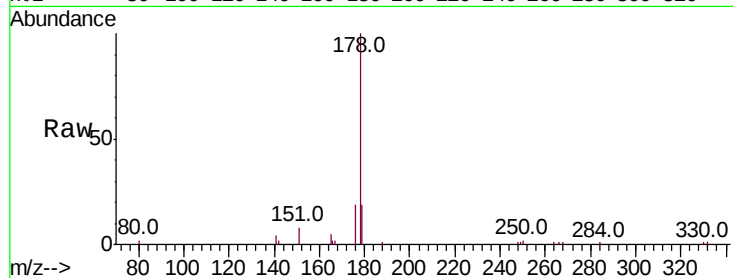
Tot Ion:178 Resp: 16894

Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

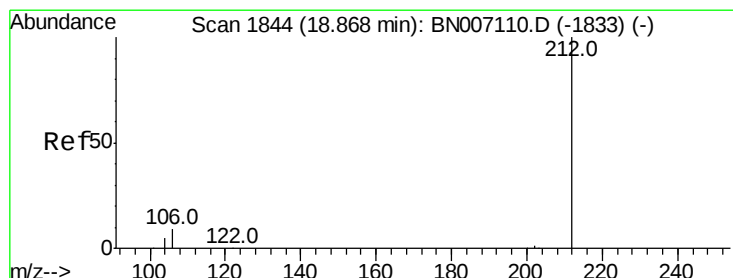
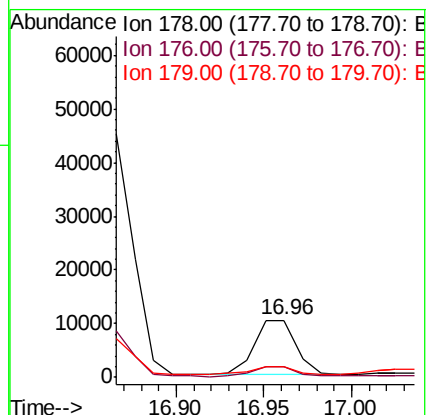
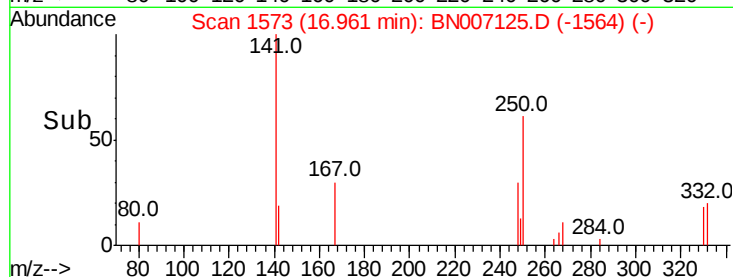
179 17.2 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene-d10

Concen: 0.180 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007125.D

Acq: 13 Aug 2019 11:07

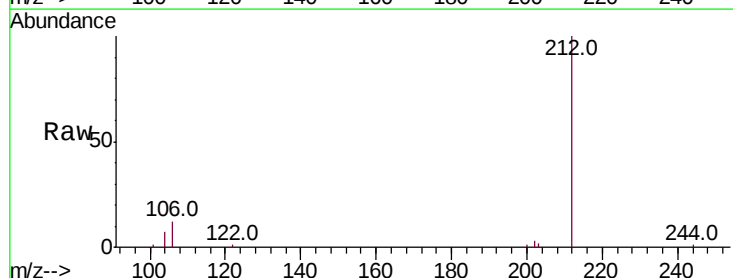
Tgt Ion:212 Resp: 30116

Ion Ratio Lower Upper

212 100

106 10.4 8.2 12.2

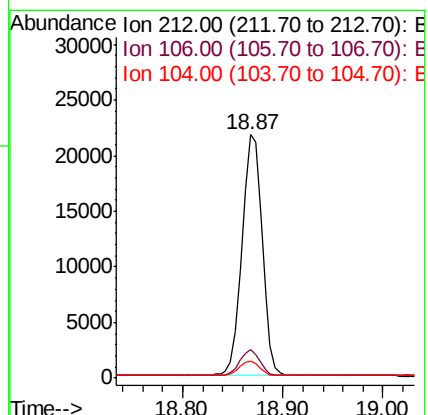
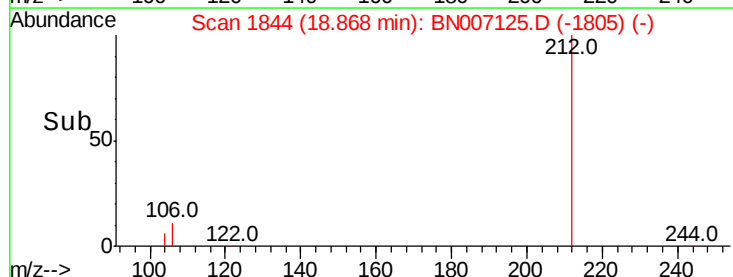
104 6.2 4.5 6.7

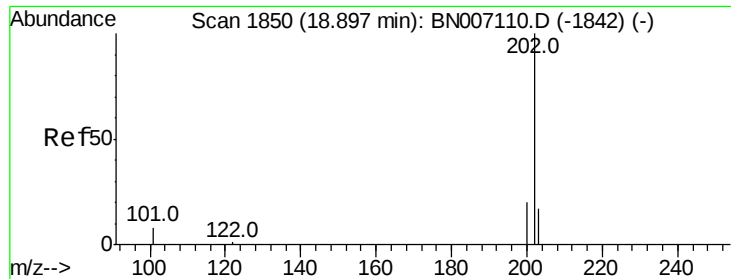


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.679 ng

RT: 18.90 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN007125.D

Acq: 13 Aug 2019 11:07

Instrument :

BNA_N

ClientSampleId :

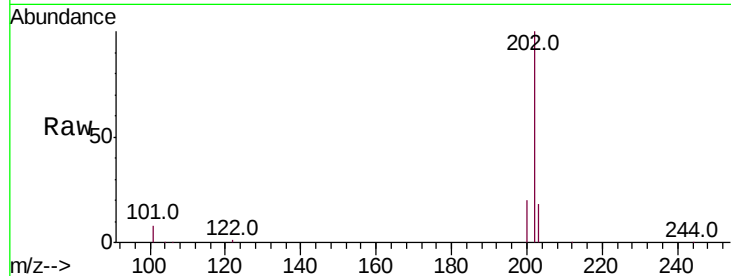
Tot Ion:202 Resp: 122578

Ion Ratio Lower Upper

202 100

101 8.9 7.0 10.4

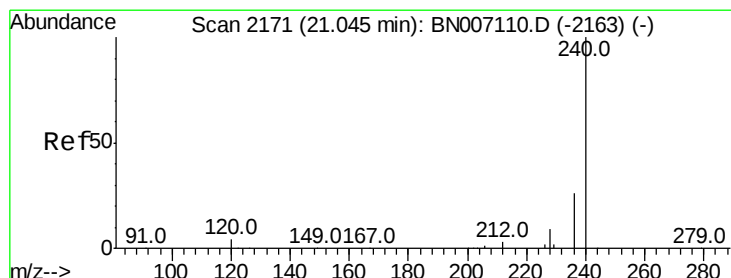
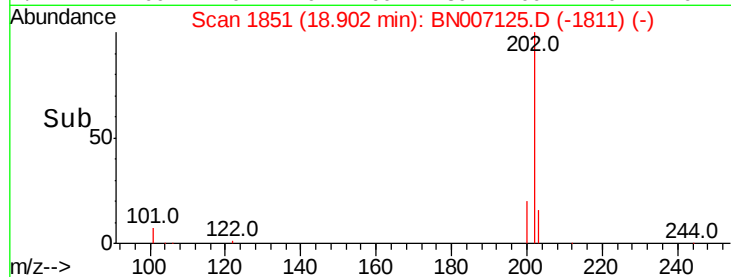
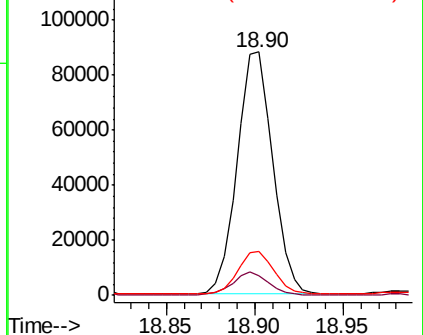
203 17.7 13.8 20.8



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: BN007125.D

Acq: 13 Aug 2019 11:07

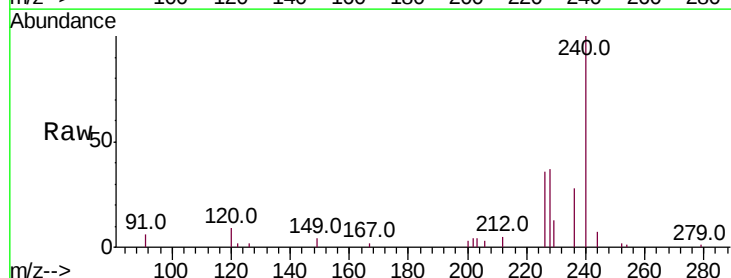
Tgt Ion:240 Resp: 45899

Ion Ratio Lower Upper

240 100

120 8.5 4.0 6.0#

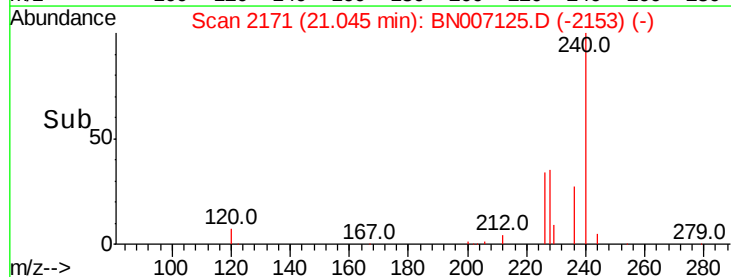
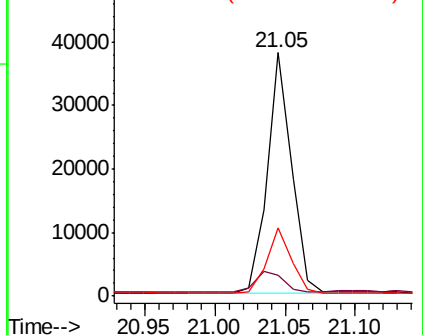
236 27.9 21.3 31.9

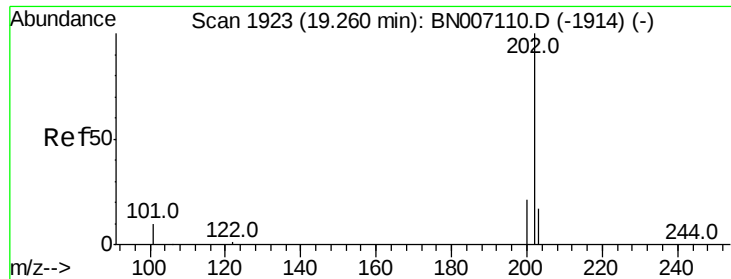


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

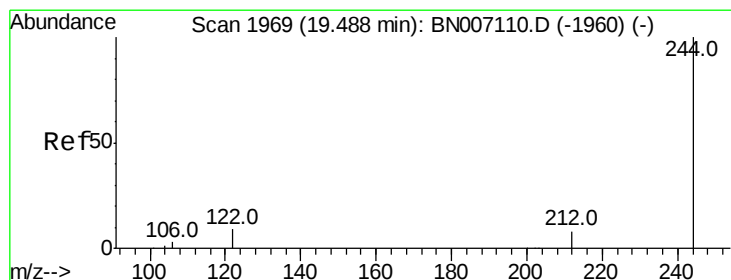
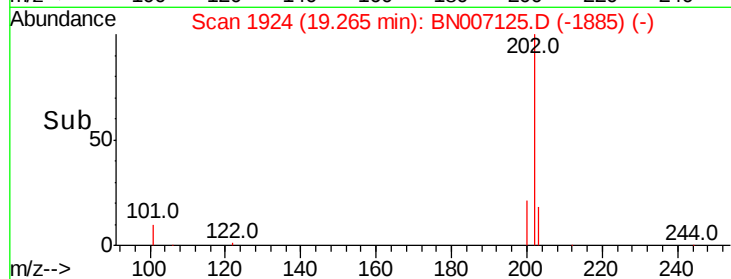
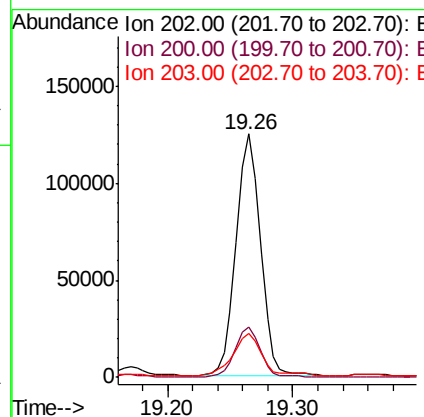
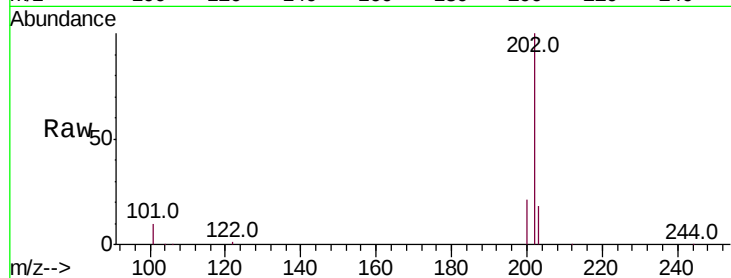




#27
Pvrene
Concen: 1.043 ng
RT: 19.26 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

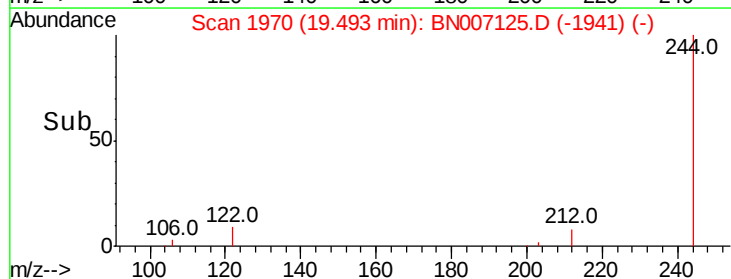
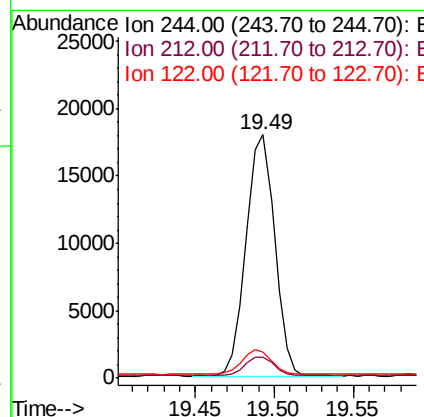
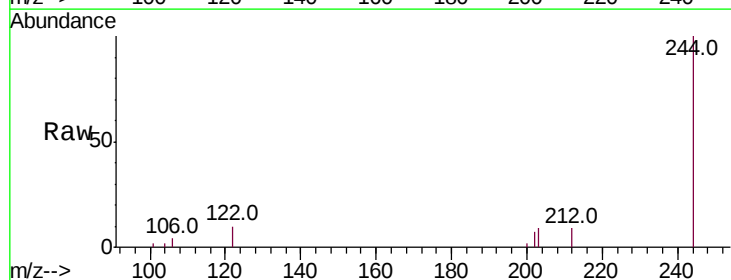
Instrument :
BNA_N
ClientSampleId :

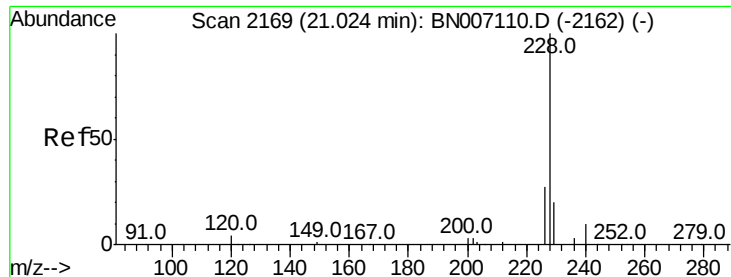
Tot Ion:202 Resp: 167946
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 20.3 14.0 21.0



#28
Terphenyl-d14
Concen: 0.179 ng
RT: 19.49 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Tgt Ion:244 Resp: 22374
Ion Ratio Lower Upper
244 100
212 8.6 6.2 9.2
122 10.5 7.4 11.2





#29

Benzo(a)anthracene

Concen: 0.515 ng

RT: 21.03 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BN007125.D

Acq: 13 Aug 2019 11:07

Instrument :

BNA_N

ClientSampleId :

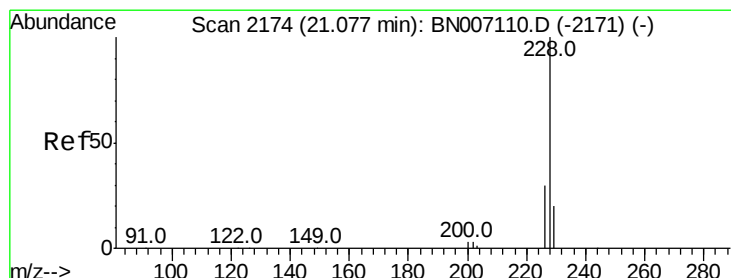
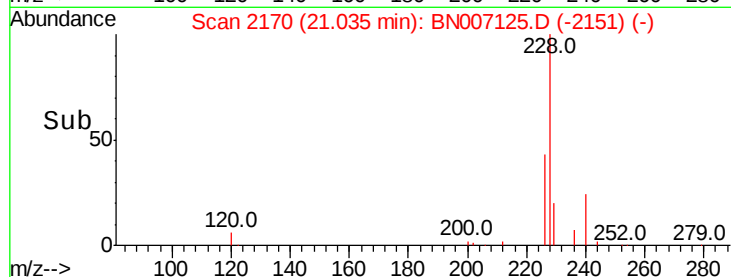
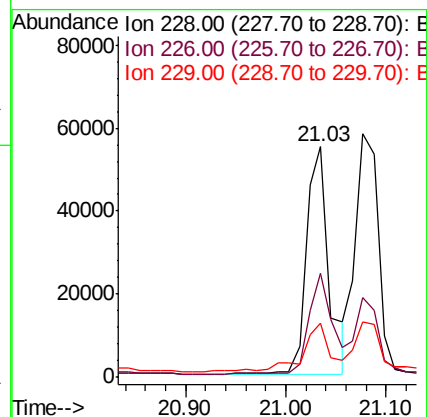
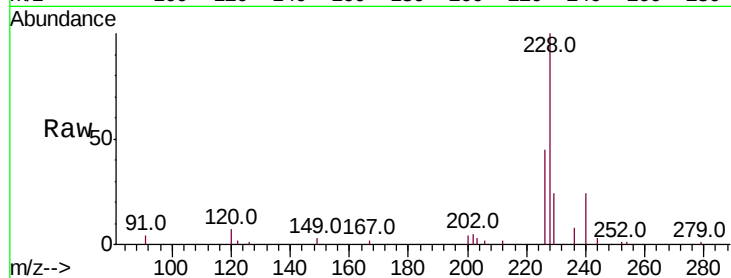
Tot Ion:228 Resp: 86493

Ion Ratio Lower Upper

228 100

226 45.0 21.8 32.6#

229 23.5 15.6 23.4#



#30

Chrysene

Concen: 0.558 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007125.D

Acq: 13 Aug 2019 11:07

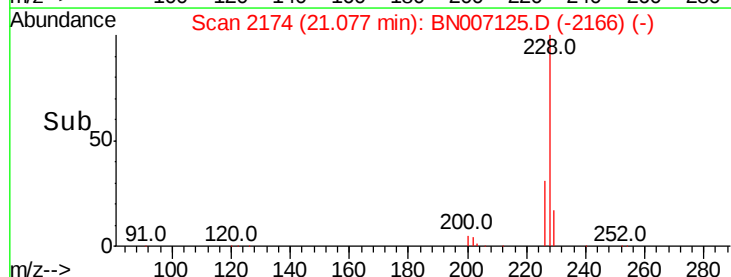
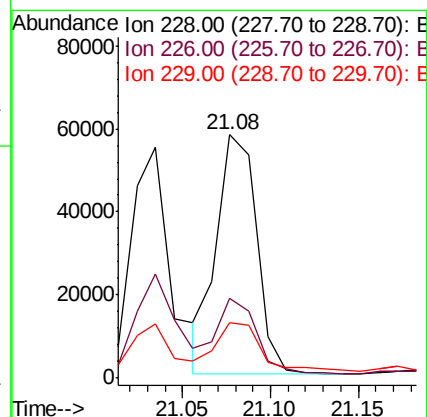
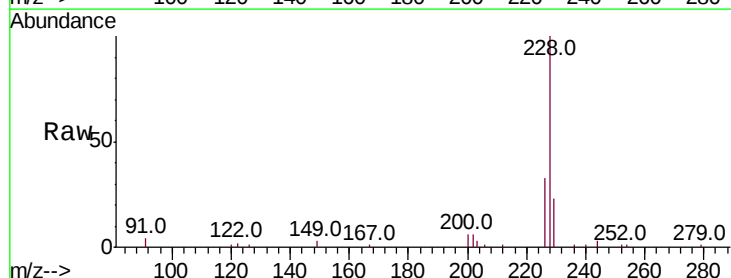
Tgt Ion:228 Resp: 91064

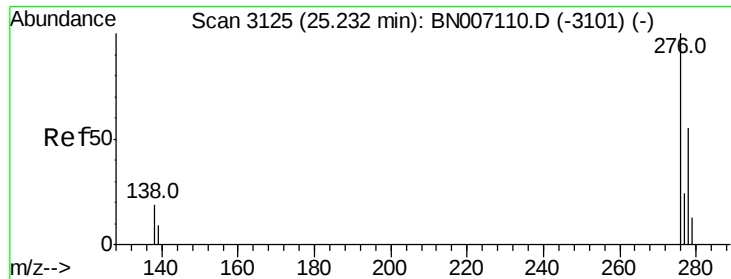
Ion Ratio Lower Upper

228 100

226 32.7 23.8 35.6

229 22.6 15.7 23.5





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.266 ng

RT: 25.24 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BN007125.D

Acq: 13 Aug 2019 11:07

Instrument :

BNA_N

ClientSampleId :

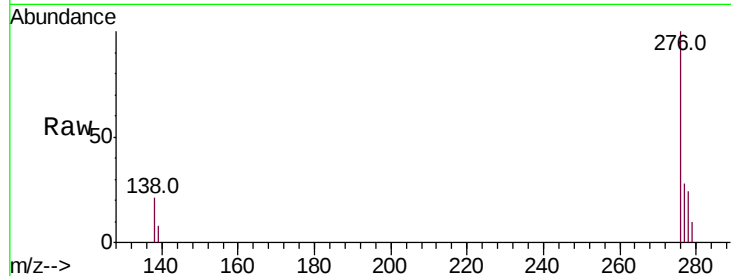
Tot Ion:276 Resp: 47778

Ion Ratio Lower Upper

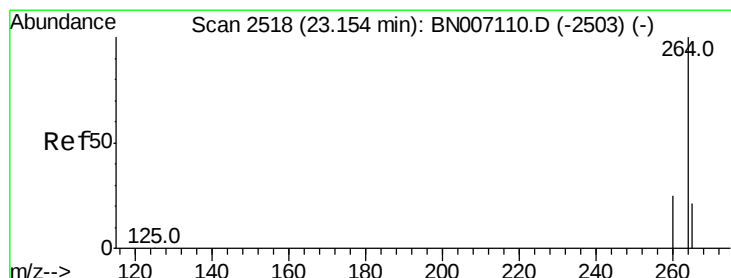
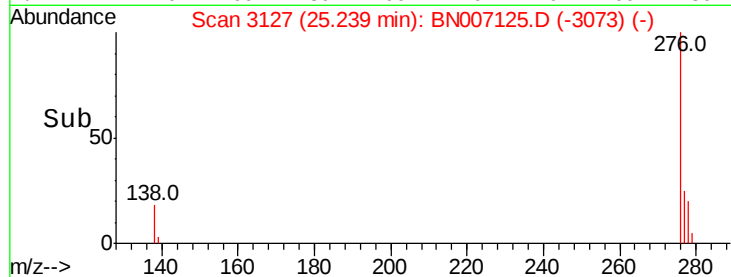
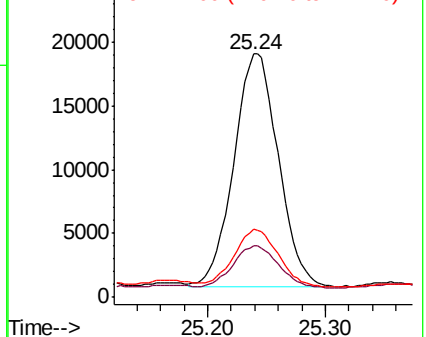
276 100

138 18.6 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# 2521

Delta R.T. -0.01 min

Lab File: BN007125.D

Acq: 13 Aug 2019 11:07

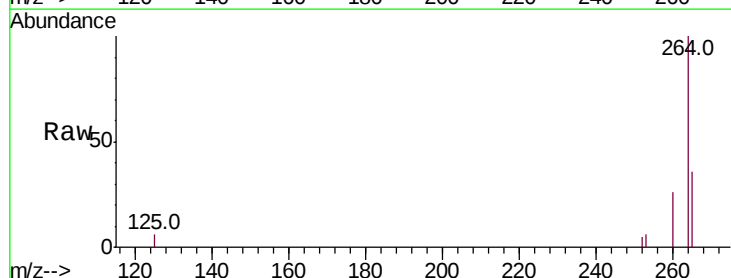
Tgt Ion:264 Resp: 50516

Ion Ratio Lower Upper

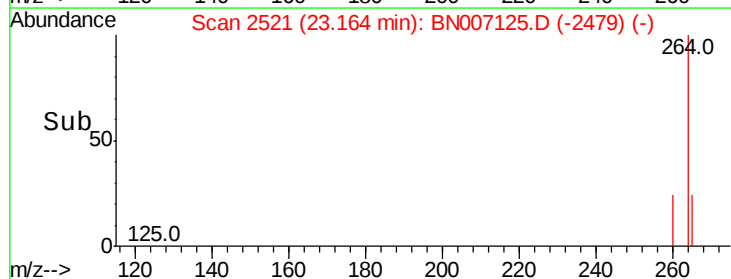
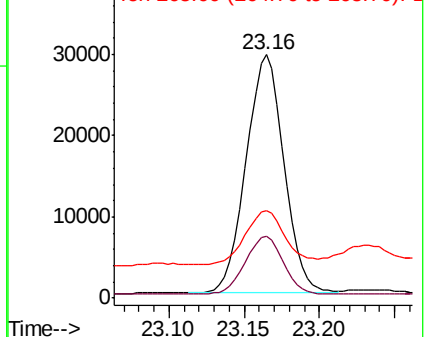
264 100

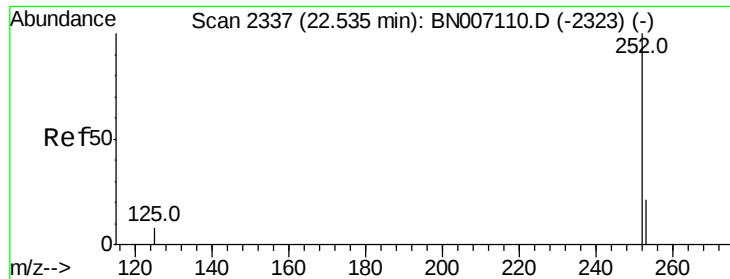
260 25.6 19.8 29.8

265 36.1 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: 0.558 ng

RT: 22.54 min Scan# 2340

Delta R.T. -0.00 min

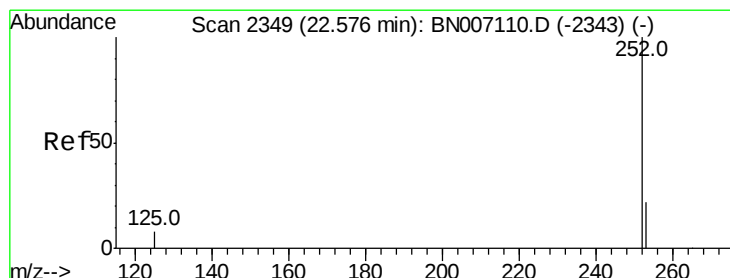
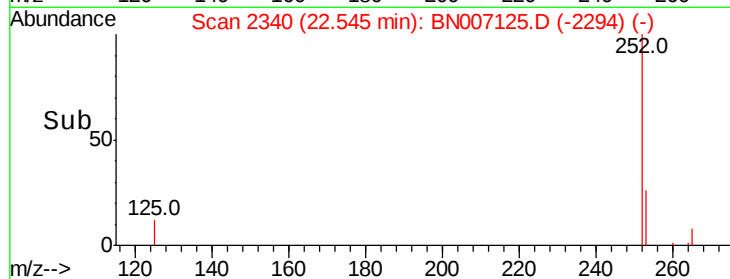
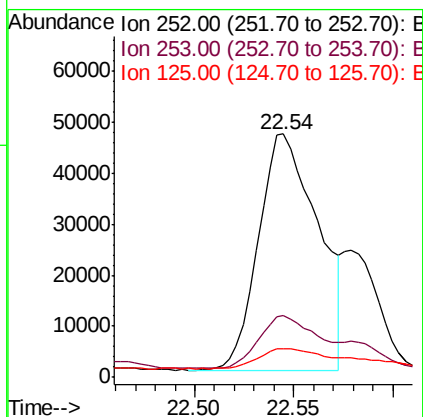
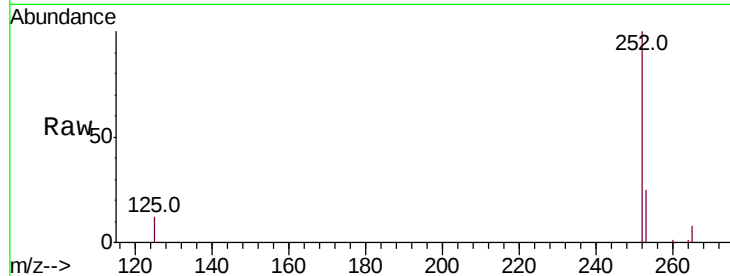
Lab File: BN007125.D

Acq: 13 Aug 2019 11:07

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 96574

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.2	27.2
125	11.8	7.4	11.0#



#34

Benzo(k)fluoranthene

Concen: 0.565 ng

RT: 22.54 min Scan# 2340

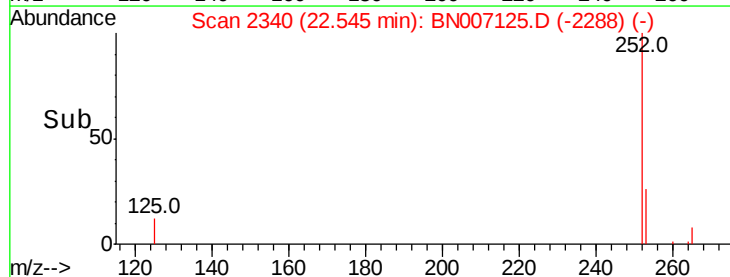
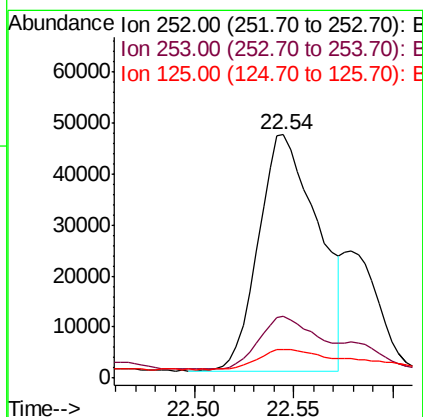
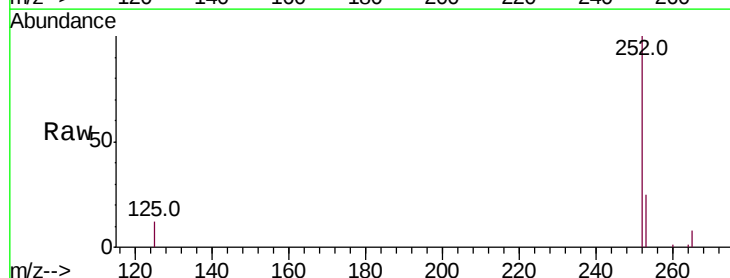
Delta R.T. -0.04 min

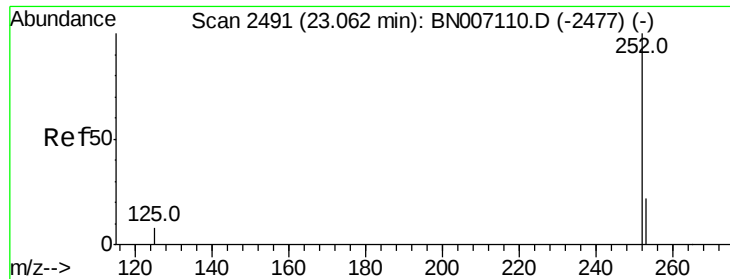
Lab File: BN007125.D

Acq: 13 Aug 2019 11:07

Tgt Ion:252 Resp: 96574

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.1	27.1
125	11.8	7.4	11.0#





#35

Benzo(a)pyrene

Concen: 0.473 ng

RT: 23.07 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BN007125.D

Acq: 13 Aug 2019 11:07

Instrument :

BNA_N

ClientSampleId :

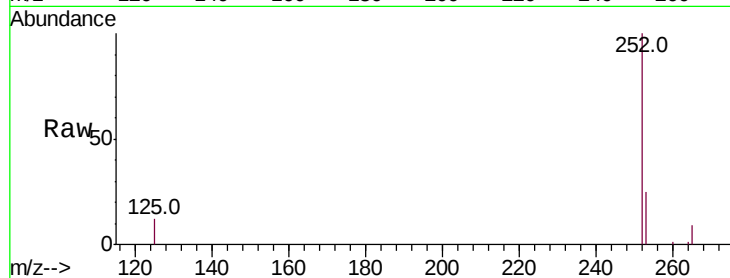
Tot Ion:252 Resp: 74334

Ion Ratio Lower Upper

252 100

253 25.1 18.5 27.7

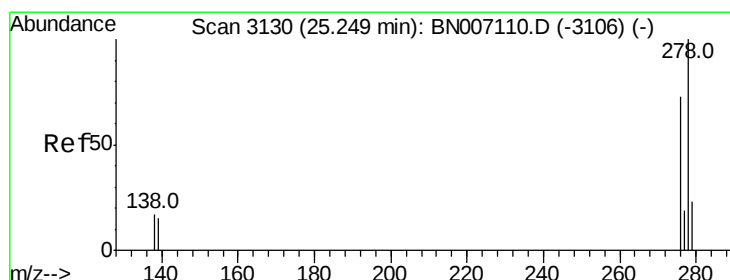
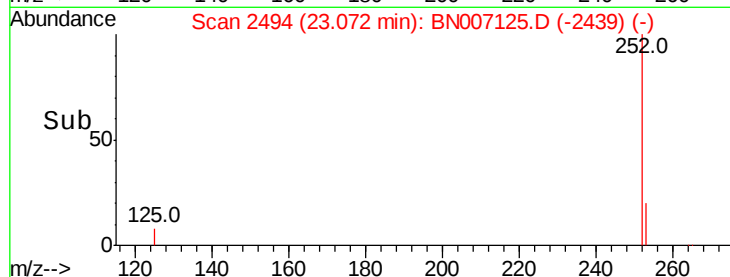
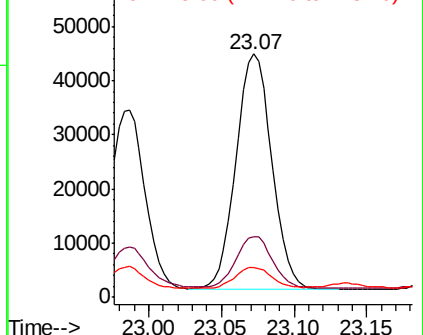
125 12.1 8.2 12.4



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: 0.087 ng

RT: 25.25 min Scan# 3131

Delta R.T. -0.02 min

Lab File: BN007125.D

Acq: 13 Aug 2019 11:07

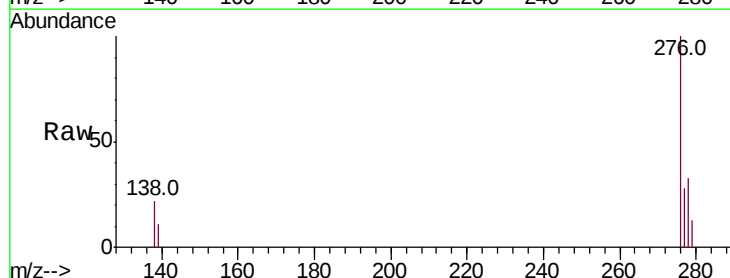
Tgt Ion:278 Resp: 13692

Ion Ratio Lower Upper

278 100

139 31.9 11.3 16.9#

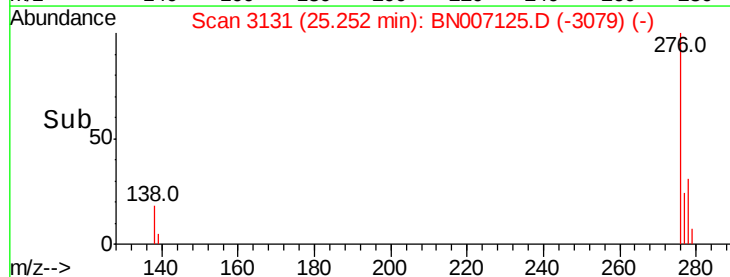
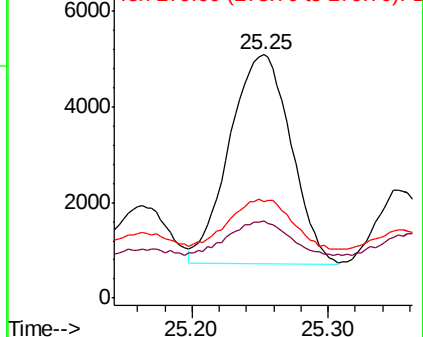
279 39.5 19.3 28.9#

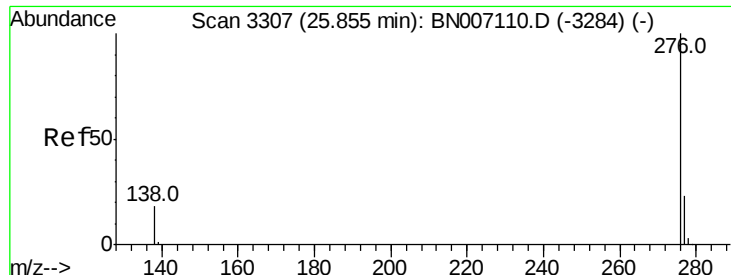


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

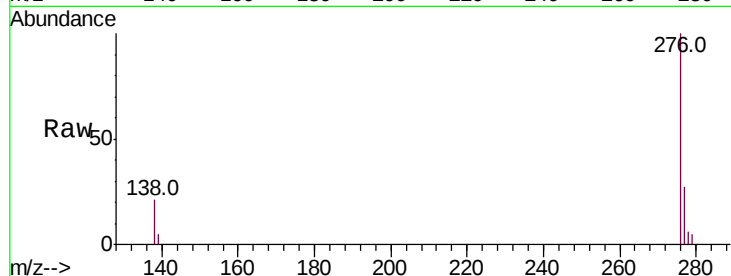




#37
 Benzo(a,h,i)perylene
 Concen: 0.327 ng
 RT: 25.87 min Scan# 3312
 Delta R.T. -0.01 min
 Lab File: BN007125.D
 Acq: 13 Aug 2019 11:07

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.9	19.8	29.8
138	20.5	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

