

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100519\
 Data File : BN008047.D
 Acq On : 06 Oct 2019 06:12
 Operator : JU
 Sample : PB123460BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB123460BS

Quant Time: Oct 07 00:18:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 03 18:39:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	3607	0.40	ng	-0.02
7) Naphthalene-d8	10.44	136	14496	0.40	ng	-0.03
13) Acenaphthene-d10	14.30	164	8997	0.40	ng	-0.02
19) Phenanthrene-d10	17.05	188	19061	0.40	ng	-0.02
27) Chrysene-d12	21.25	240	20527	0.40	ng	-0.02
34) Perylene-d12	23.46	264	22571	0.40	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.30	112	2926	0.24	ng	-0.02
5) Phenol-d6	6.87	99	3437	0.22	ng	0.00
8) Nitrobenzene-d5	8.82	82	3159	0.25	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	7056	0.29	ng	-0.02
14) 2,4,6-Tribromophenol	15.81	330	1256	0.26	ng	-0.01
15) 2-Fluorobiphenyl	12.92	172	8872	0.24	ng	-0.02
25) Fluoranthene-d10	19.09	212	17429	0.27	ng	-0.02
29) Terphenyl-d14	19.69	244	15334	0.30	ng	-0.02

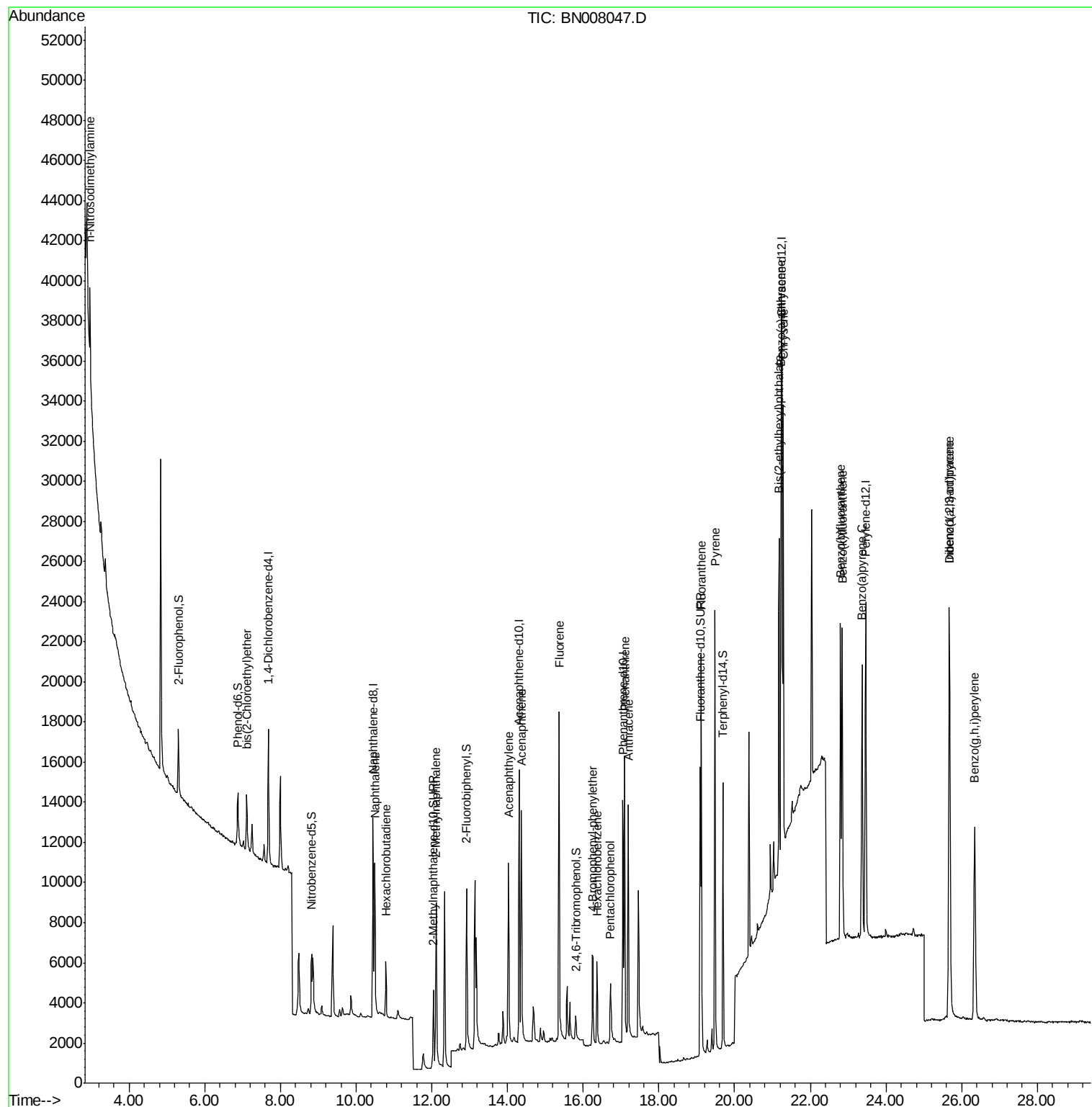
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	2.97	42	1413	0.767	ng	# 41
6) bis(2-Chloroethyl)ether	7.11	93	2957	0.290	ng	91
9) Naphthalene	10.49	128	10607	0.261	ng	96
10) Hexachlorobutadiene	10.79	225	2320	0.271	ng	# 100
12) 2-Methylnaphthalene	12.11	142	7292	0.265	ng	98
16) Acenaphthylene	14.02	152	12647	0.265	ng	100
17) Acenaphthene	14.37	154	7064	0.230	ng	96
18) Fluorene	15.36	166	9552	0.242	ng	99
20) 4-Bromophenyl-phenylether	16.25	248	2902	0.251	ng	95
21) Hexachlorobenzene	16.37	284	3420	0.270	ng	97
22) Pentachlorophenol	16.72	266	2377	0.510	ng	96
23) Phenanthrene	17.09	178	14860	0.250	ng	99
24) Anthracene	17.19	178	14384	0.268	ng	100
26) Fluoranthene	19.12	202	19472	0.264	ng	99
28) Pyrene	19.48	202	20348	0.291	ng	99
30) Benzo(a)anthracene	21.23	228	20145	0.266	ng	96
31) Chrysene	21.28	228	19650	0.267	ng	95
32) Bis(2-ethylhexyl)phthalate	21.17	149	10491	0.270	ng	99
33) Indeno(1,2,3-cd)pyrene	25.67	276	23709	0.257	ng	98
35) Benzo(b)fluoranthene	22.80	252	19794	0.253	ng	# 82
36) Benzo(k)fluoranthene	22.84	252	20503	0.265	ng	# 82
37) Benzo(a)pyrene	23.36	252	19678	0.267	ng	# 78
38) Dibenzo(a,h)anthracene	25.68	278	19593	0.260	ng	# 85
39) Benzo(g,h,i)perylene	26.35	276	20212	0.271	ng	# 90

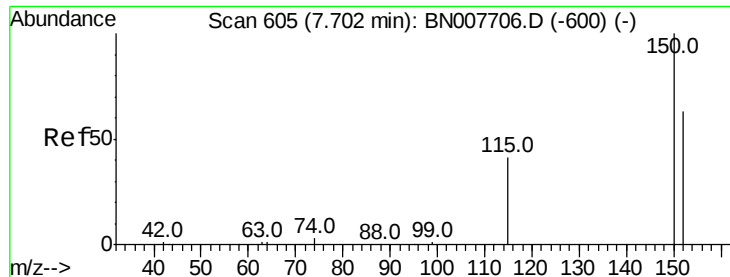
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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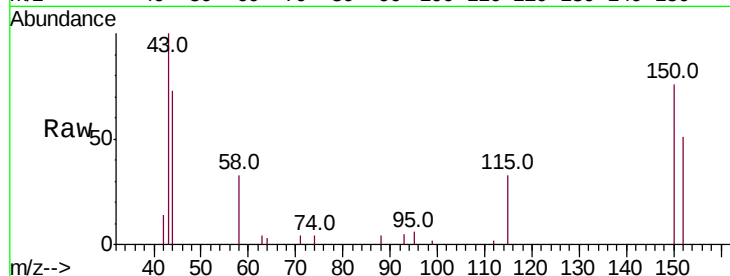


#1

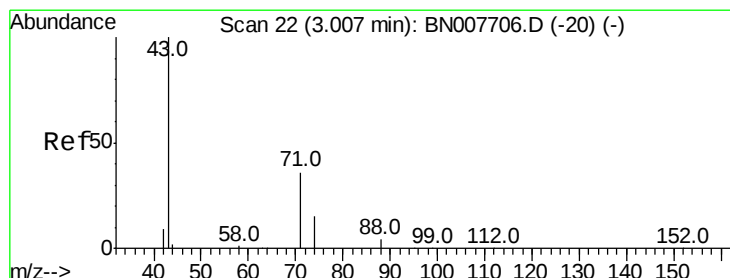
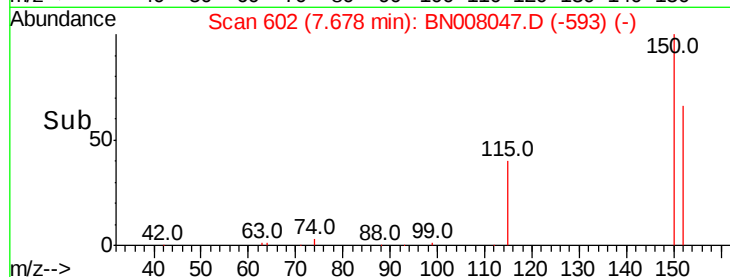
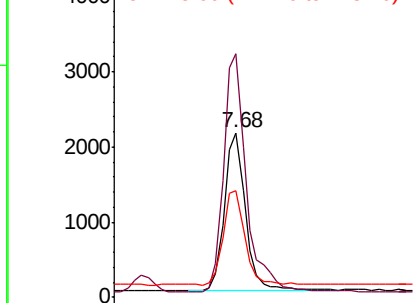
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 602
Delta R.T. -0.02 min
Lab File: BN008047.D
Acq: 06 Oct 2019 06:12

Instrument :
BNA_N
ClientSampleId :
PB123460BS

Tot Ion:152 Resp: 3607
Ion Ratio Lower Upper
152 100
150 148.2 125.6 188.4
115 65.2 53.3 79.9



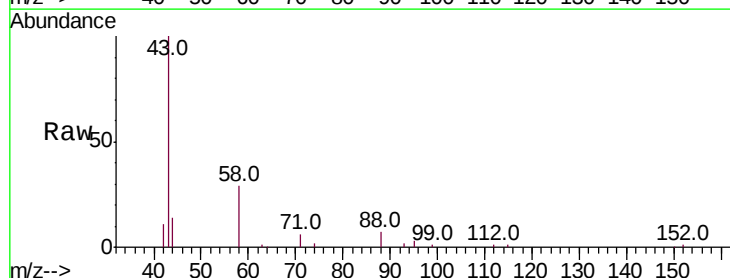
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



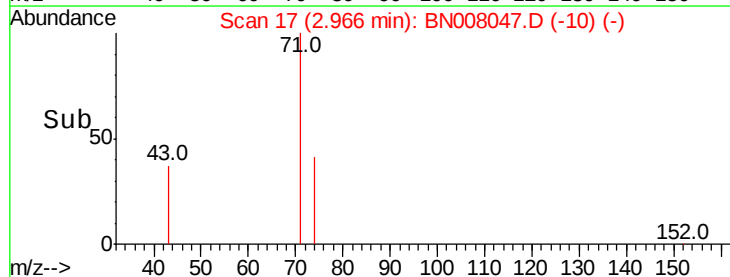
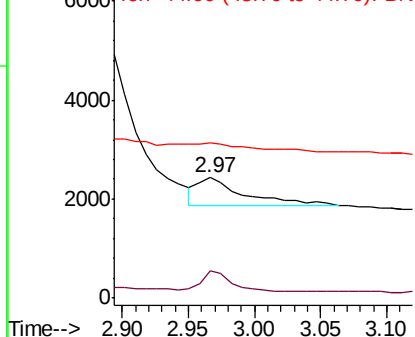
#3

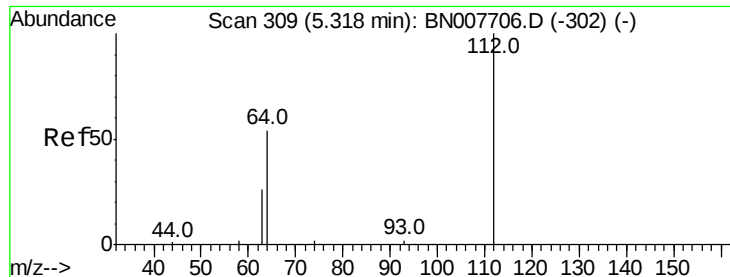
n-Nitrosodimethylamine
Concen: 0.767 ng
RT: 2.97 min Scan# 17
Delta R.T. -0.04 min
Lab File: BN008047.D
Acq: 06 Oct 2019 06:12

Tgt Ion: 42 Resp: 1413
Ion Ratio Lower Upper
42 100
74 48.1 87.9 131.9#
44 0.0 29.4 44.0#



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





#4

2-Fluorophenol

Concen: 0.236 ng

RT: 5.30 min Scan# 307

Delta R.T. -0.02 min

Lab File: BN008047.D

Acq: 06 Oct 2019 06:12

Instrument :

BNA_N

ClientSampleId :

PB123460BS

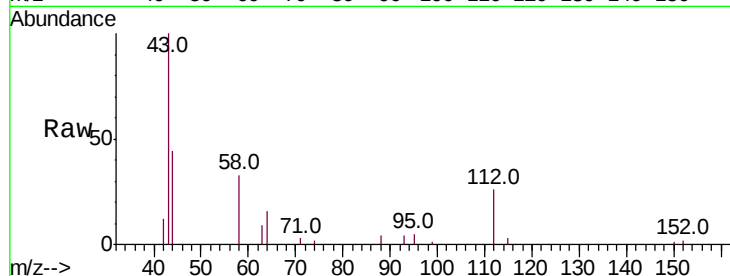
Tot Ion:112 Resp: 2926

Ion Ratio Lower Upper

112 100

64 57.0 46.6 70.0

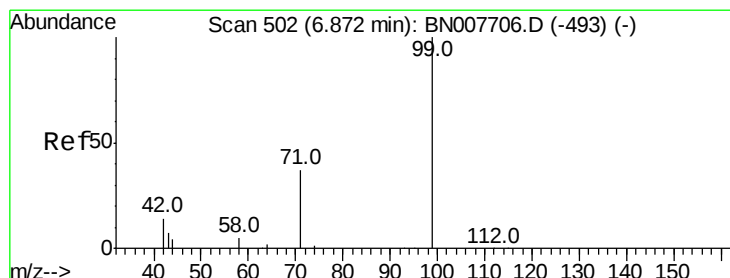
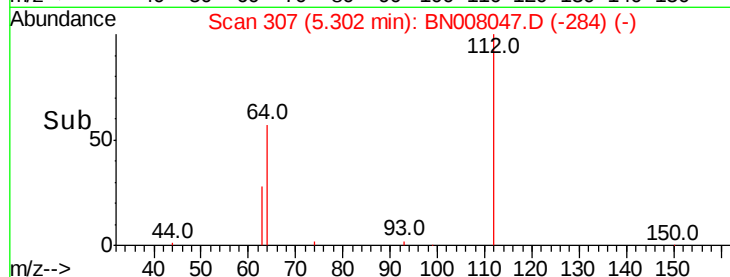
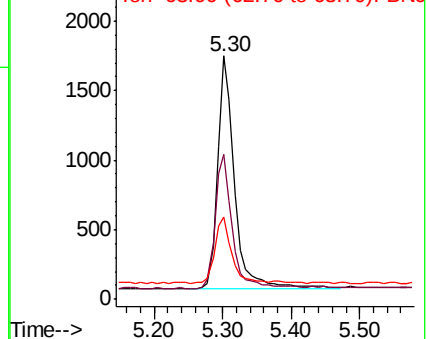
63 28.6 23.1 34.7



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



#5

Phenol-d6

Concen: 0.219 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN008047.D

Acq: 06 Oct 2019 06:12

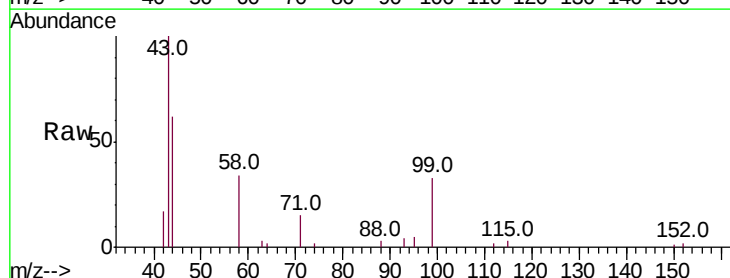
Tgt Ion: 99 Resp: 3437

Ion Ratio Lower Upper

99 100

42 15.2 12.8 19.2

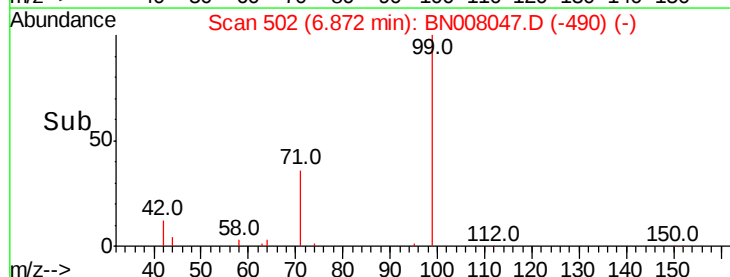
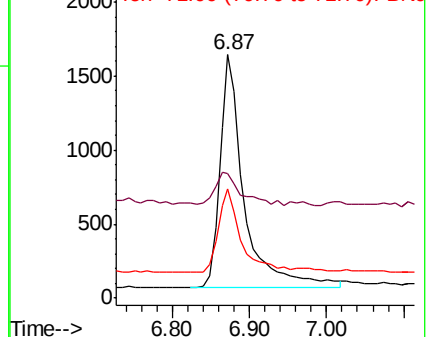
71 33.6 27.6 41.4

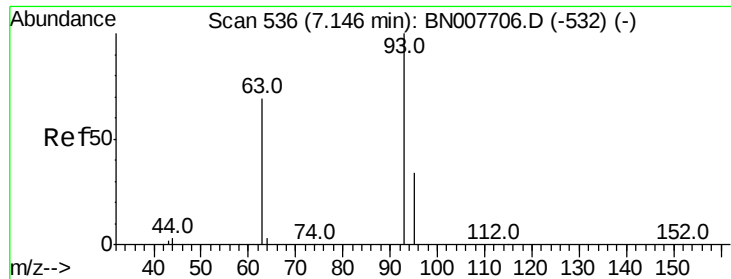


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.290 ng

RT: 7.11 min Scan# 531

Delta R.T. -0.04 min

Lab File: BN008047.D

Acq: 06 Oct 2019 06:12

Instrument :

BNA_N

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PB123460BS

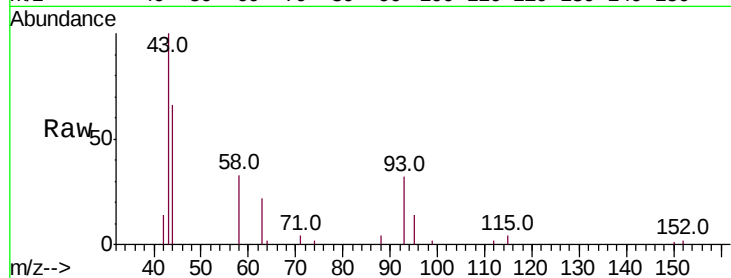
Tot Ion: 93 Resp: 2957

Ion Ratio Lower Upper

93 100

63 67.3 59.3 88.9

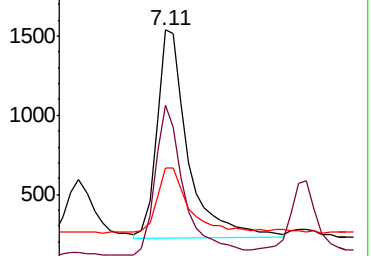
95 32.5 31.4 47.0



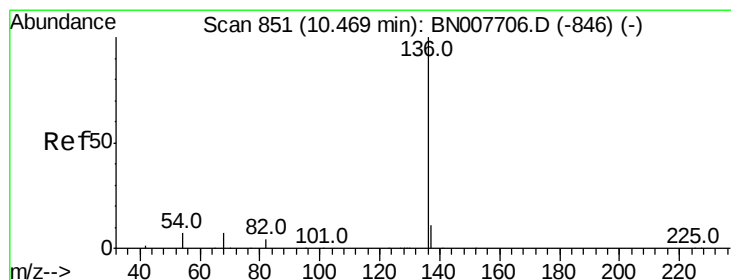
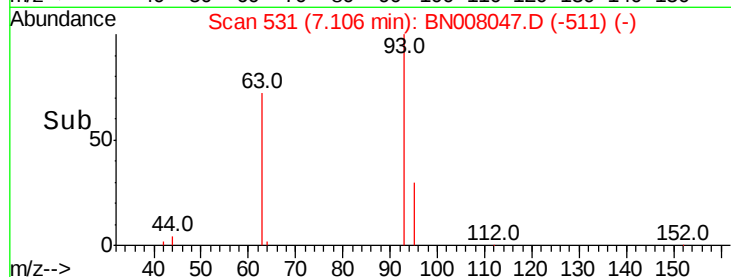
Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-532) (-)

Ion 95.00 (94.70 to 95.70): BN007706.D (-532) (-)



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 849

Delta R.T. -0.03 min

Lab File: BN008047.D

Acq: 06 Oct 2019 06:12

Tgt Ion: 136 Resp: 14496

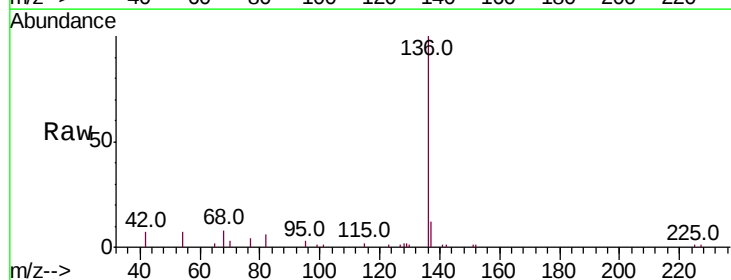
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 7.4 5.8 8.8

68 8.4 6.5 9.7

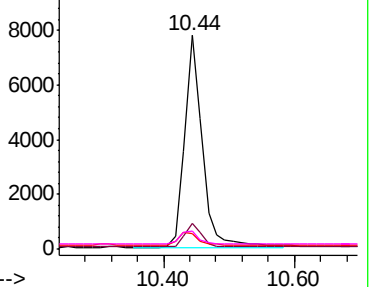


Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

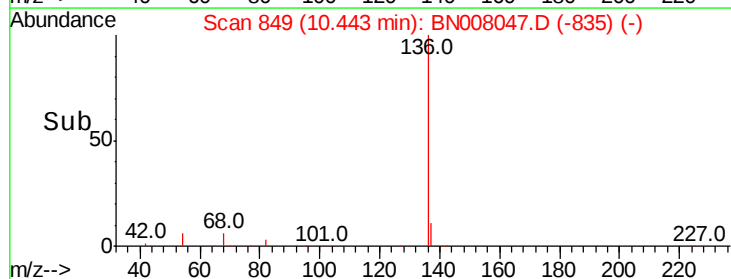
Ion 137.00 (136.70 to 137.70): BN007706.D (-846) (-)

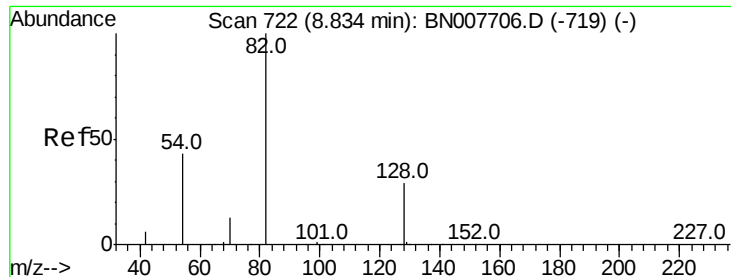
Ion 54.00 (53.70 to 54.70): BN007706.D (-846) (-)

Ion 68.00 (67.70 to 68.70): BN007706.D (-846) (-)



Time-->

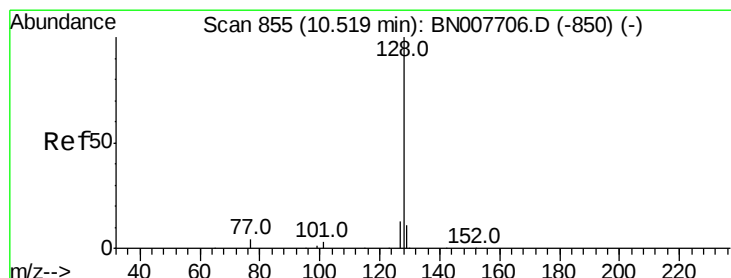
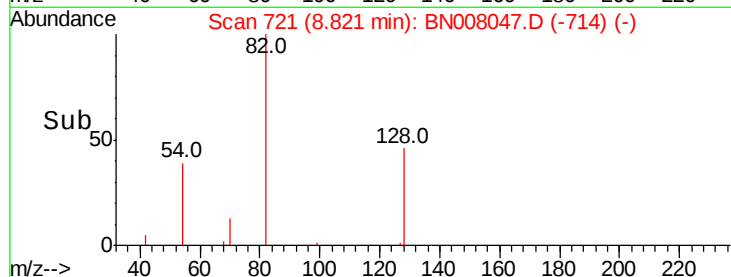
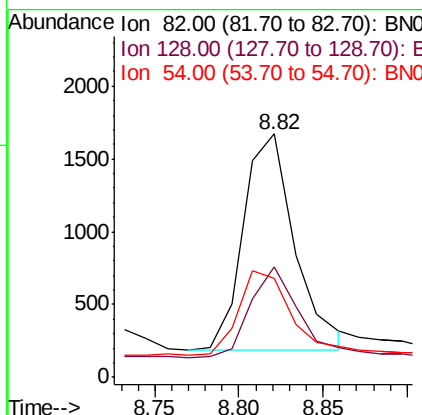
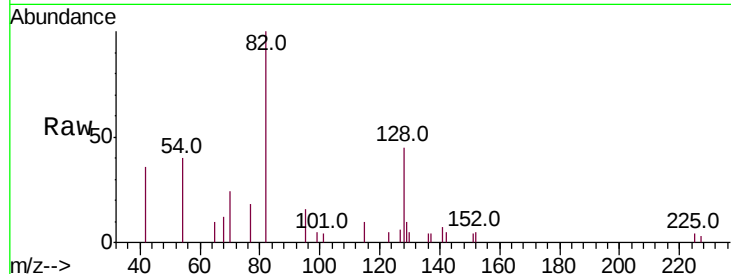




#8
Nitrobenzene-d5
Concen: 0.249 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN008047.D
Acq: 06 Oct 2019 06:12

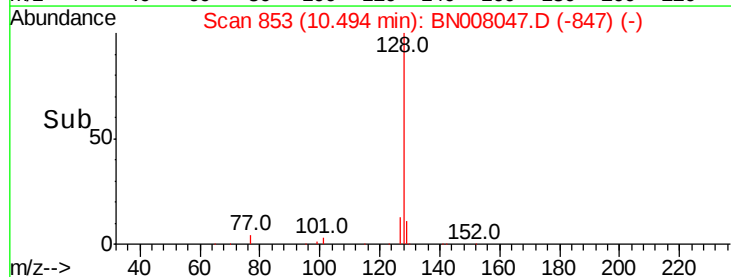
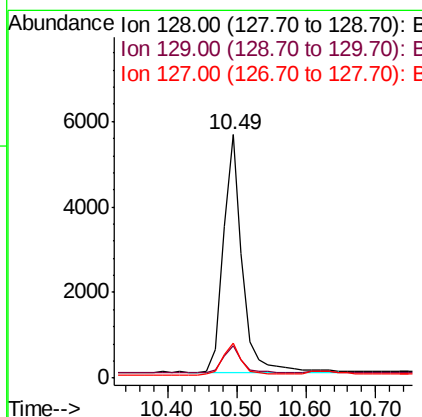
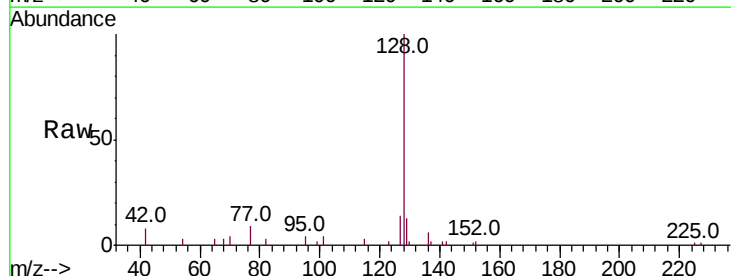
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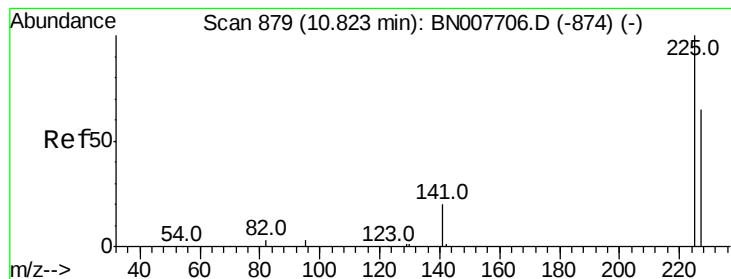
Tot Ion	82	Resp	3159
Ion	Ratio	Lower	Upper
82	100		
128	45.5	24.5	36.7#
54	40.4	35.2	52.8



#9
Naphthalene
Concen: 0.261 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN008047.D
Acq: 06 Oct 2019 06:12

Tgt Ion	128	Resp	10607
Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.1	13.7
127	14.5	10.6	15.8





#10

Hexachlorobutadiene

Concen: 0.271 ng

RT: 10.79 min Scan# 876

Delta R.T. -0.04 min

Lab File: BN008047.D

Acq: 06 Oct 2019 06:12

Instrument :

BNA_N

ClientSampleId :

PB123460BS

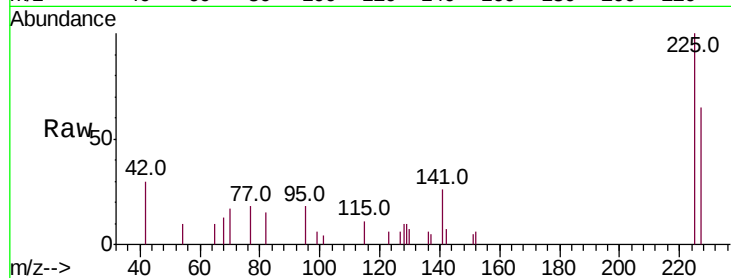
Tot Ion:225 Resp: 2320

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

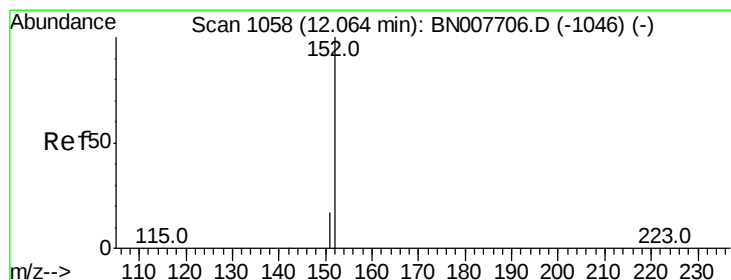
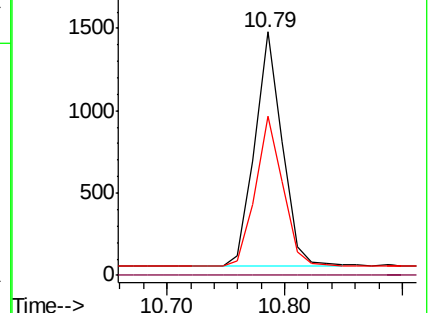
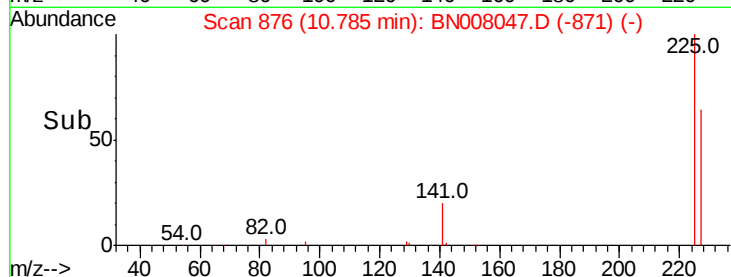
227 63.9 51.2 76.8



Abundance Ion 225.00 (224.70 to 225.70): E

2000 Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.289 ng

RT: 12.04 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BN008047.D

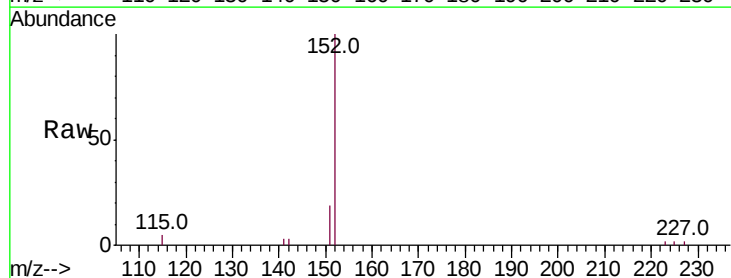
Acq: 06 Oct 2019 06:12

Tgt Ion:152 Resp: 7056

Ion Ratio Lower Upper

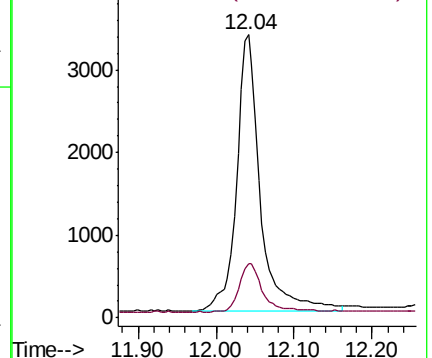
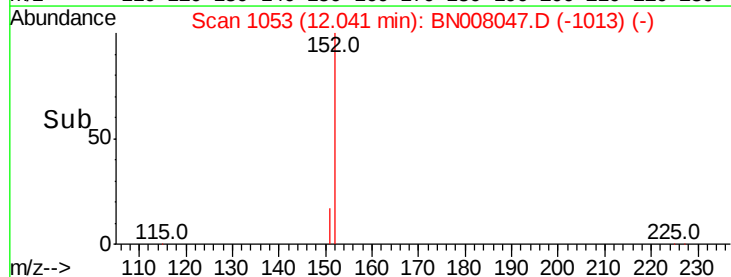
152 100

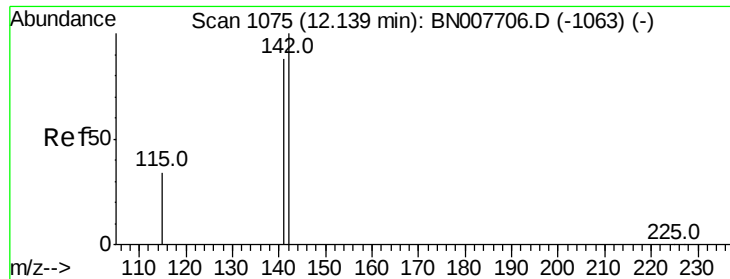
151 18.1 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

4000 Ion 151.00 (150.70 to 151.70): E

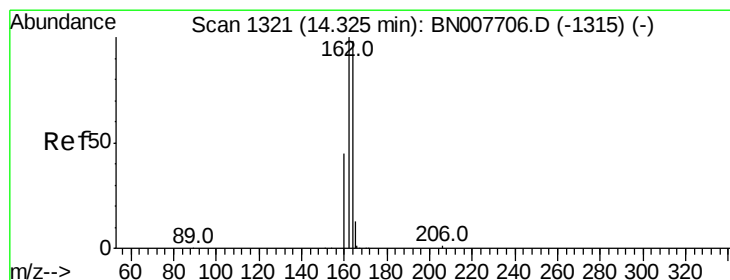
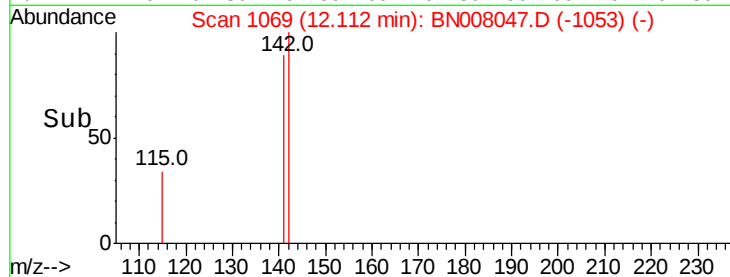
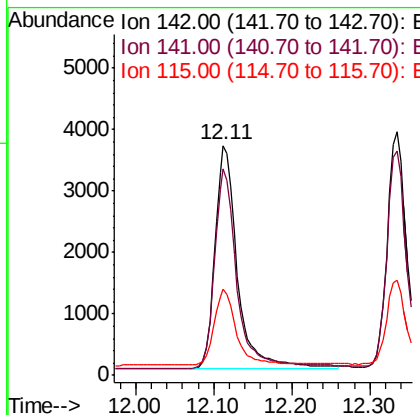
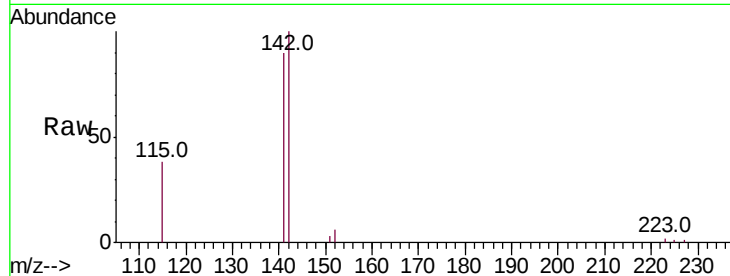




#12
2-Methylnaphthalene
Concen: 0.265 ng
RT: 12.11 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BN008047.D
Acq: 06 Oct 2019 06:12

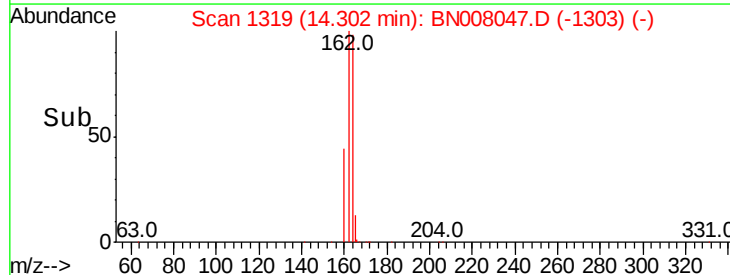
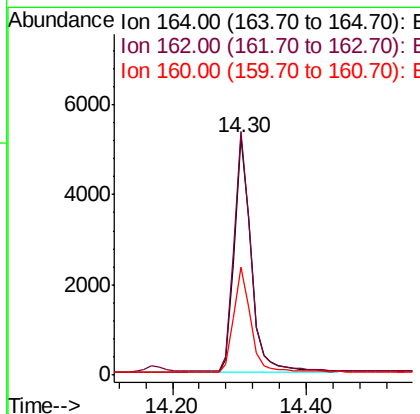
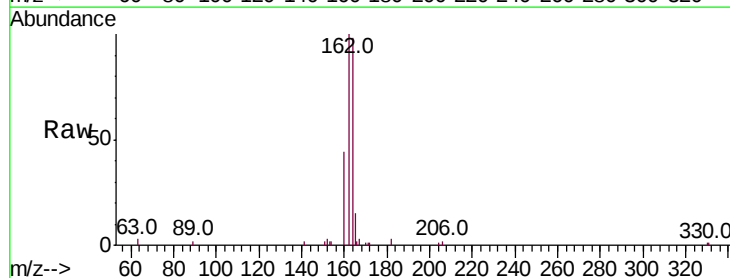
Instrument :
BNA_N
ClientSampleId :
PB123460BS

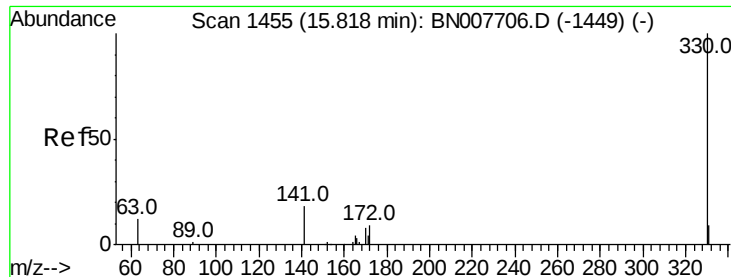
Tot Ion:142 Resp: 7292
Ion Ratio Lower Upper
142 100
141 89.8 70.6 106.0
115 37.7 28.3 42.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BN008047.D
Acq: 06 Oct 2019 06:12

Tgt Ion:164 Resp: 8997
Ion Ratio Lower Upper
164 100
162 102.3 81.7 122.5
160 45.5 37.0 55.4

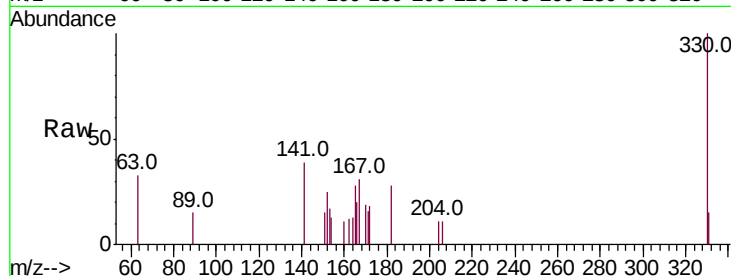




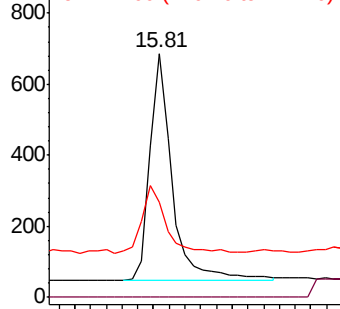
#14
 2,4,6-Tribromophenol
 Concen: 0.256 ng
 RT: 15.81 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BN008047.D
 Acq: 06 Oct 2019 06:12

Instrument :
 BNA_N
 ClientSampleId :
 PB123460BS

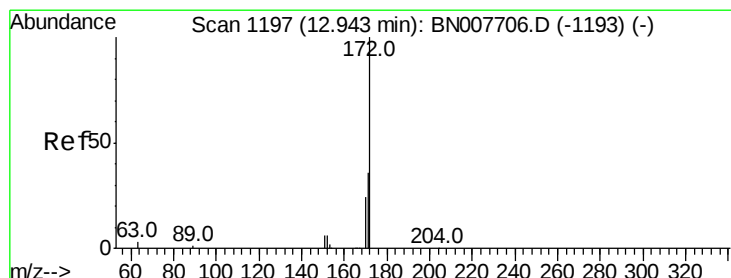
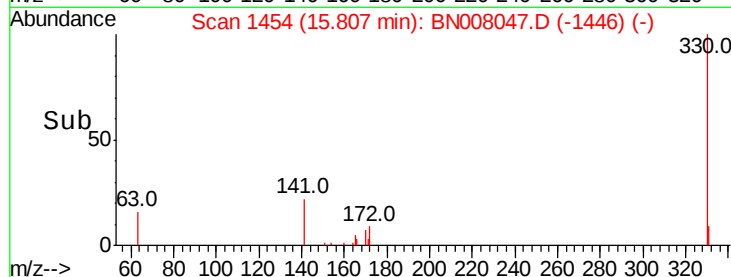
Tot Ion:330 Resp: 1256
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 31.9 28.7 43.1



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

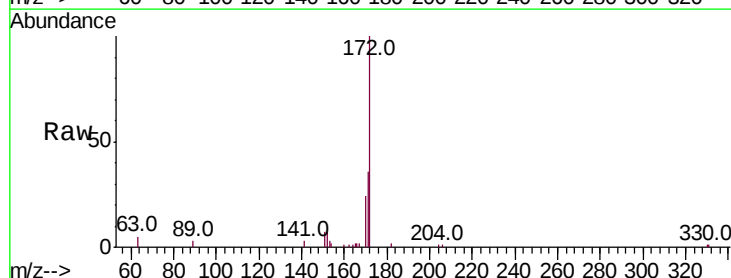


Time--> 15.70 15.80 15.90 16.00

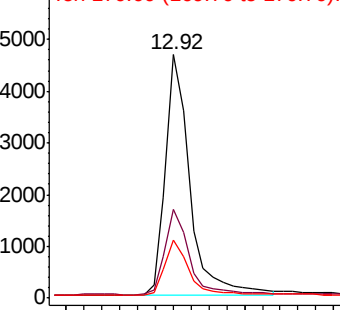


#15
 2-Fluorobiphenyl
 Concen: 0.239 ng
 RT: 12.92 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BN008047.D
 Acq: 06 Oct 2019 06:12

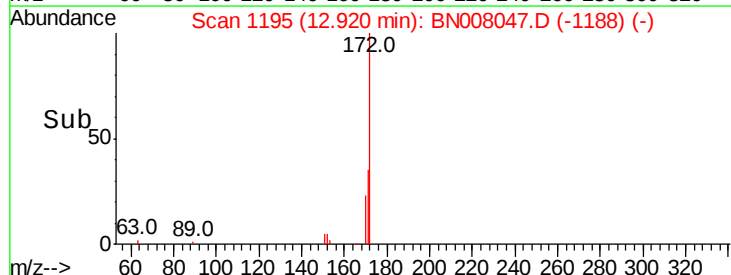
Tgt Ion:172 Resp: 8872
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.8 43.2
 170 24.0 19.5 29.3

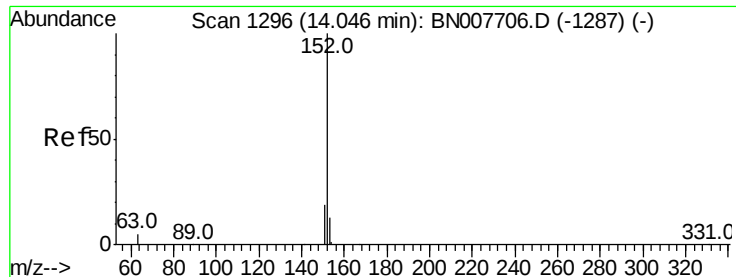


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time--> 12.80 12.90 13.00





#16

Acenaphthylene

Concen: 0.265 ng

RT: 14.02 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BN008047.D

Acq: 06 Oct 2019 06:12

Instrument :

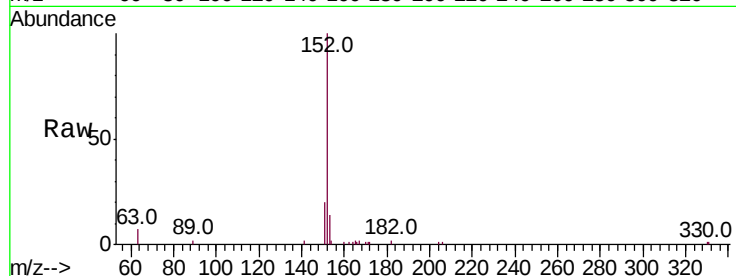
BNA_N

ClientSampleId :

PB123460BS

Tot Ion:152 Resp: 12647

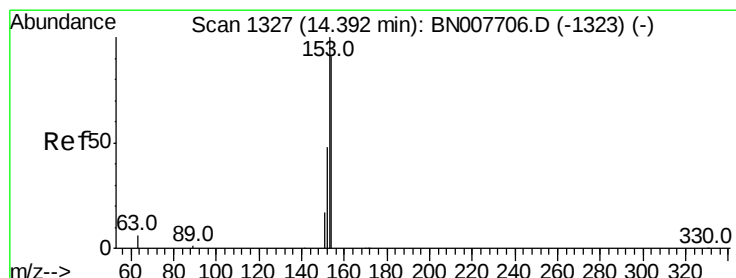
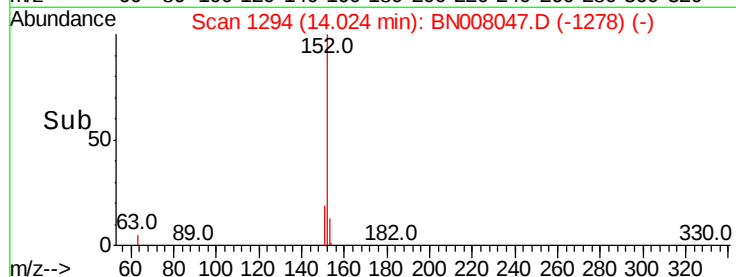
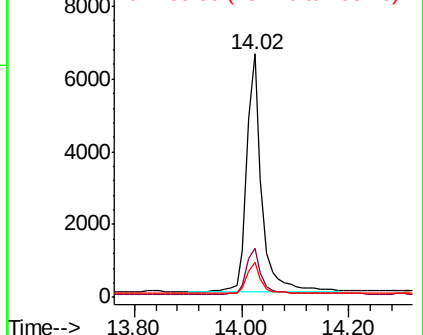
Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	12.9	10.4	15.6



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



#17

Acenaphthene

Concen: 0.230 ng

RT: 14.37 min Scan# 1325

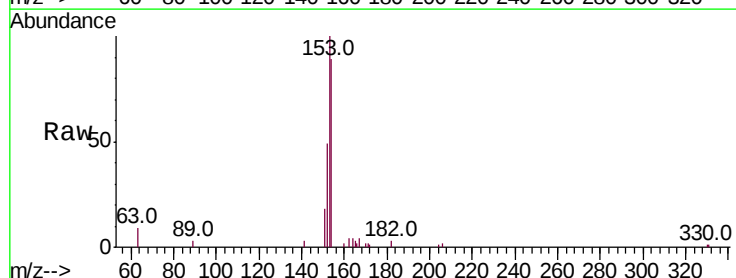
Delta R.T. -0.02 min

Lab File: BN008047.D

Acq: 06 Oct 2019 06:12

Tgt Ion:154 Resp: 7064

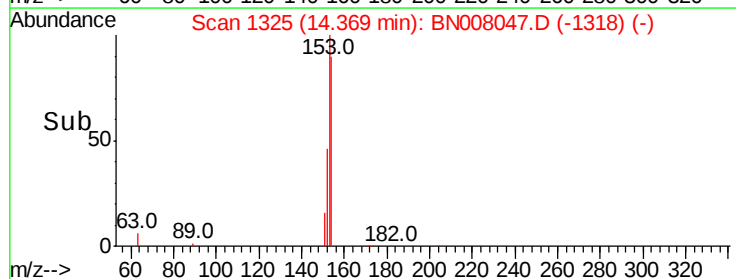
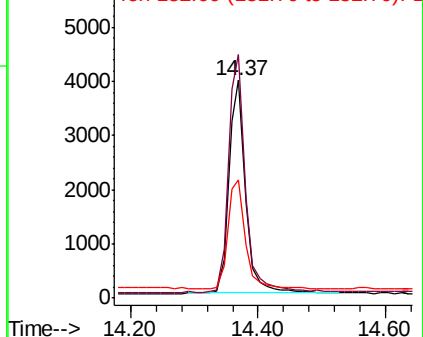
Ion	Ratio	Lower	Upper
154	100		
153	114.7	87.0	130.4
152	53.5	42.7	64.1

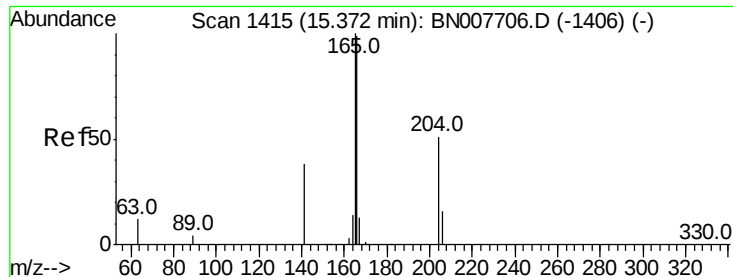


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.242 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN008047.D

Acq: 06 Oct 2019 06:12

Instrument :

BNA_N

ClientSampleId :

PB123460BS

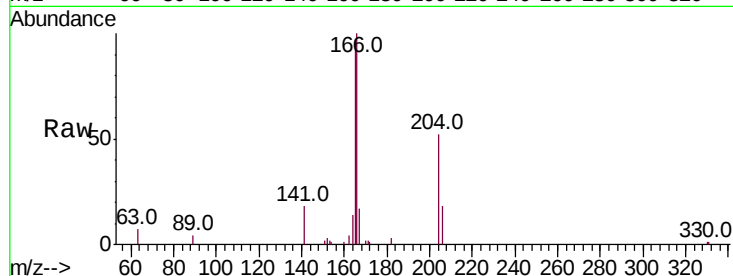
Tot Ion:166 Resp: 9552

Ion Ratio Lower Upper

166 100

165 98.9 78.0 117.0

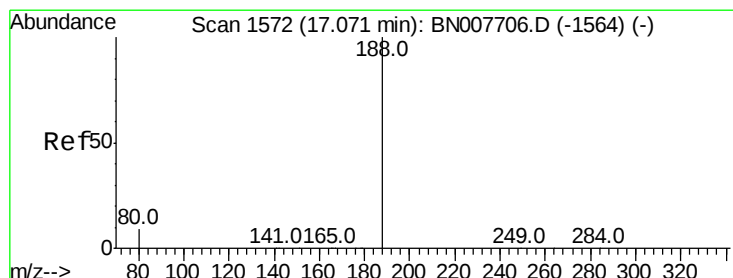
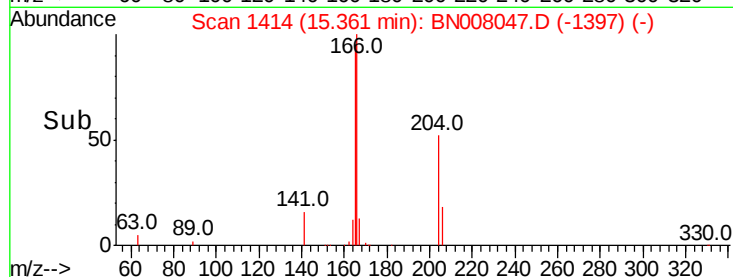
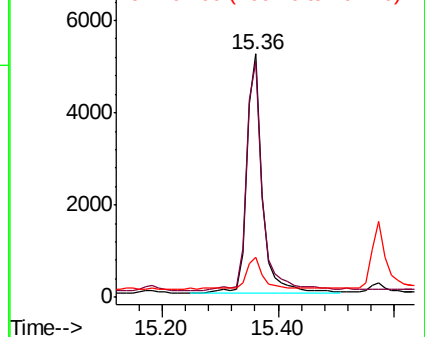
167 13.1 10.9 16.3



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.05 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BN008047.D

Acq: 06 Oct 2019 06:12

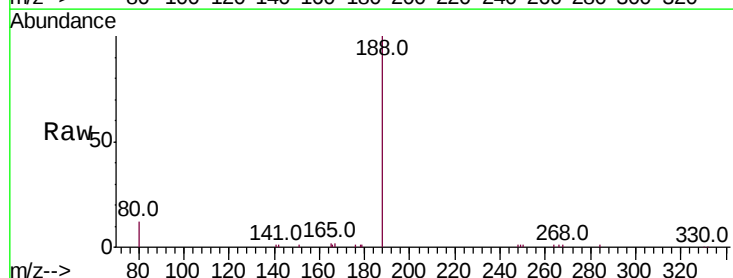
Tgt Ion:188 Resp: 19061

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

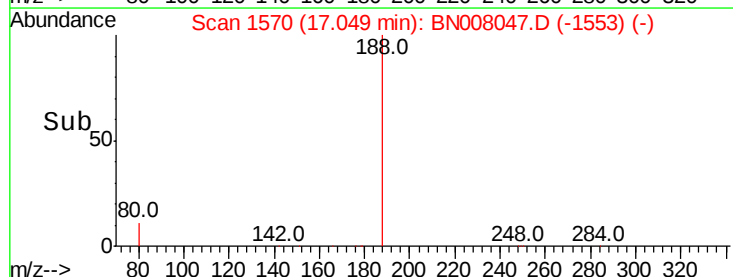
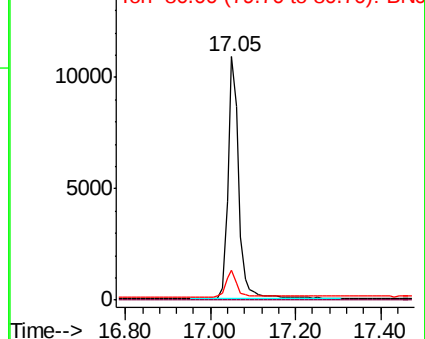
80 12.2 7.4 11.2#

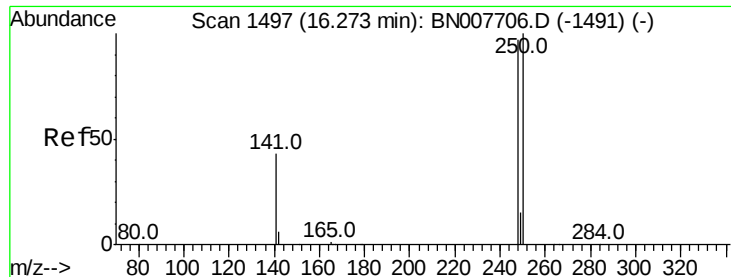


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#20

4-Bromophenyl-phenylether

Concen: 0.251 ng

RT: 16.25 min Scan# 1495

Delta R.T. -0.02 min

Lab File: BN008047.D

Acq: 06 Oct 2019 06:12

Instrument :

BNA_N

ClientSampleId :

PB123460BS

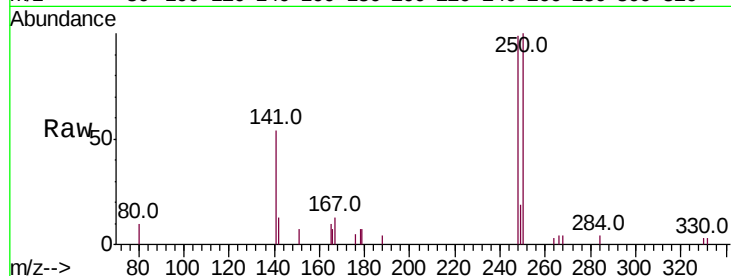
Tot Ion:248 Resp: 2902

Ion Ratio Lower Upper

248 100

250 100.9 82.2 123.4

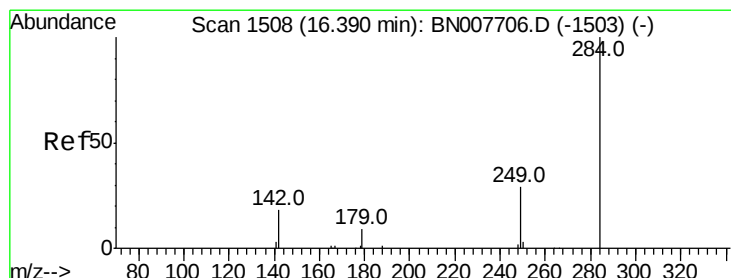
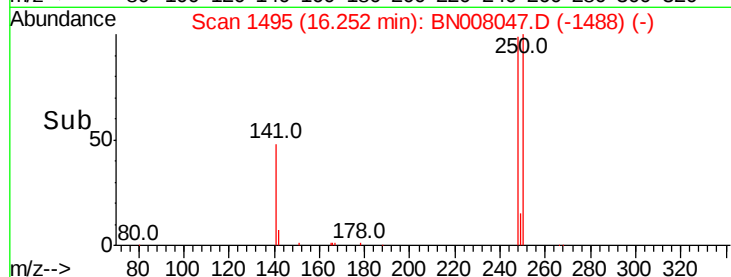
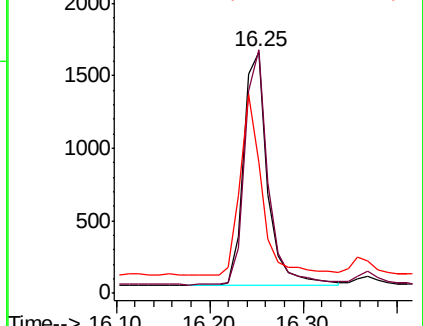
141 54.2 36.3 54.5



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



#21

Hexachlorobenzene

Concen: 0.270 ng

RT: 16.37 min Scan# 1506

Delta R.T. -0.02 min

Lab File: BN008047.D

Acq: 06 Oct 2019 06:12

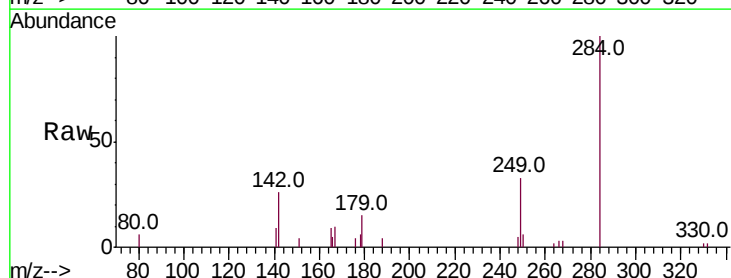
Tgt Ion:284 Resp: 3420

Ion Ratio Lower Upper

284 100

142 30.9 25.8 38.6

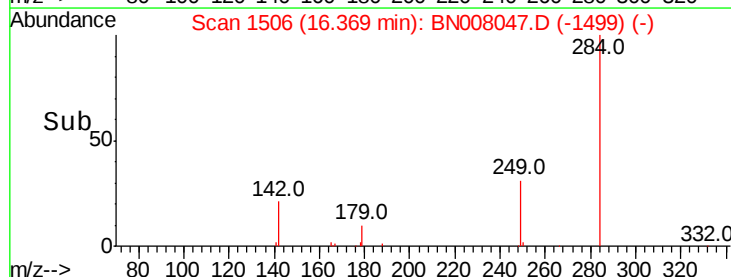
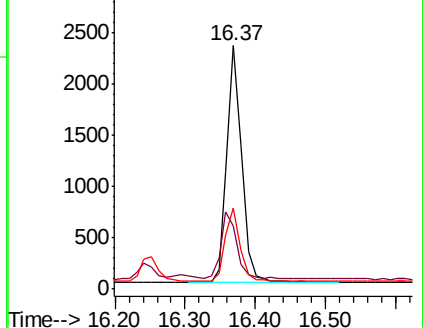
249 30.6 25.9 38.9

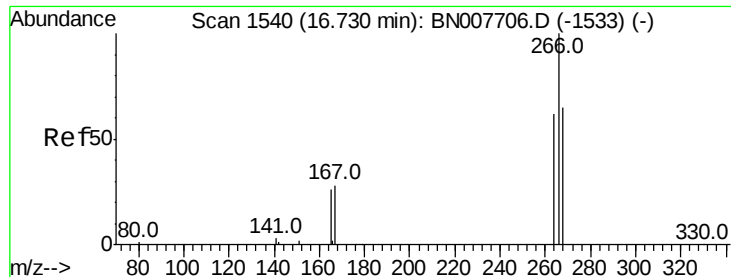


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

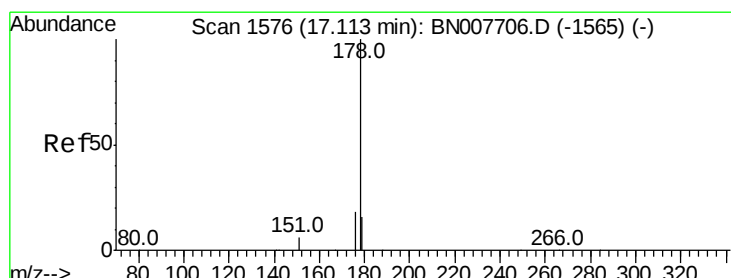
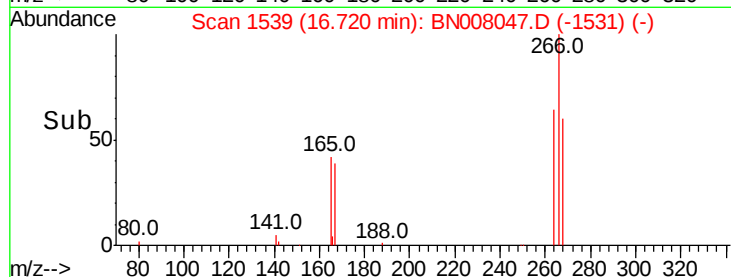
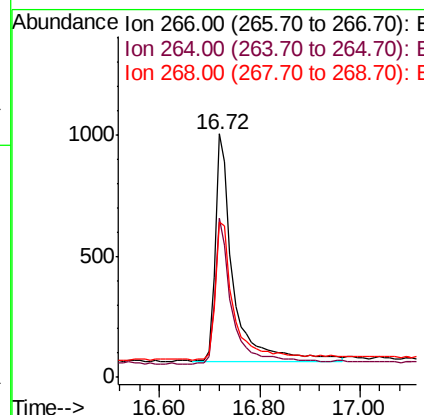
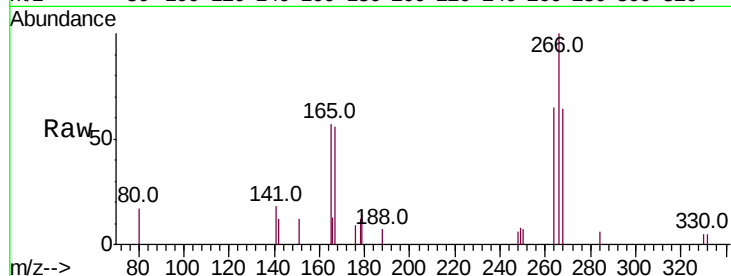




#22
 Pentachlorophenol
 Concen: 0.510 ng
 RT: 16.72 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BN008047.D
 Acq: 06 Oct 2019 06:12

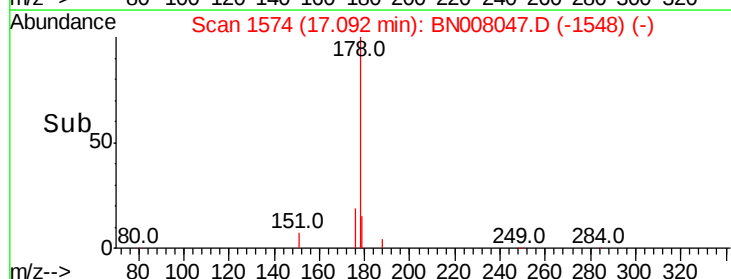
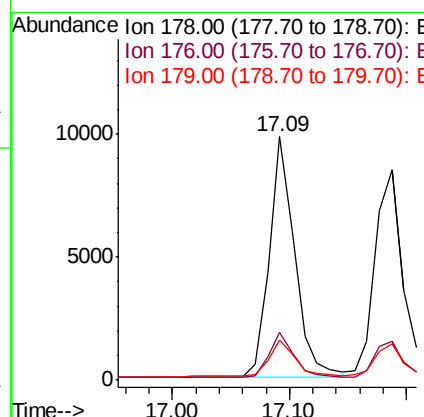
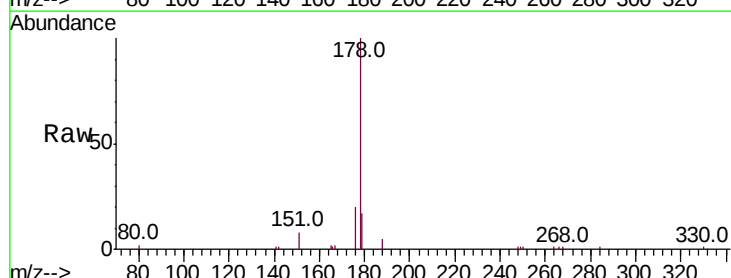
Instrument :
 BNA_N
 ClientSampleId :
 PB123460BS

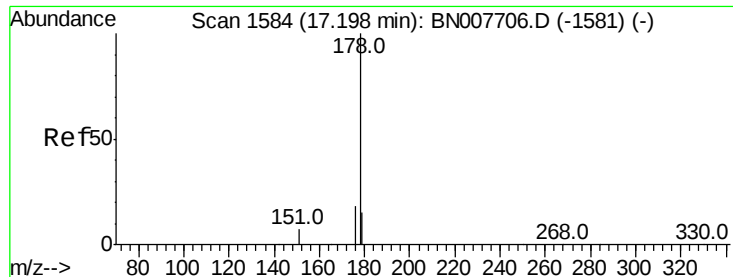
Tot Ion	Ratio	Lower	Upper
266	100		
264	65.4	50.0	75.0
268	63.7	54.2	81.4



#23
 Phenanthrene
 Concen: 0.250 ng
 RT: 17.09 min Scan# 1574
 Delta R.T. -0.02 min
 Lab File: BN008047.D
 Acq: 06 Oct 2019 06:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	16.0	12.5	18.7





#24

Anthracene

Concen: 0.268 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN008047.D

Acq: 06 Oct 2019 06:12

Instrument :

BNA_N

ClientSampleId :

PB123460BS

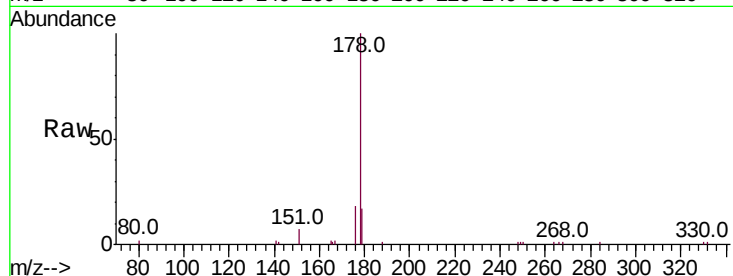
Tot Ion:178 Resp: 14384

Ion Ratio Lower Upper

178 100

176 17.9 14.6 21.8

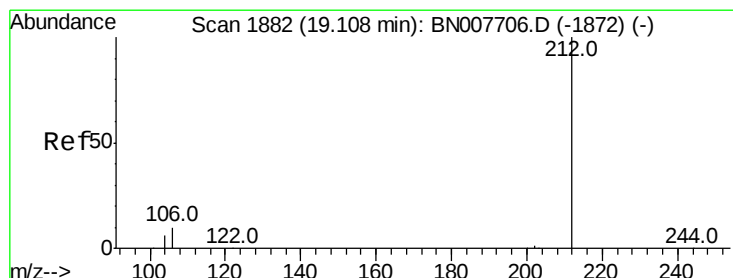
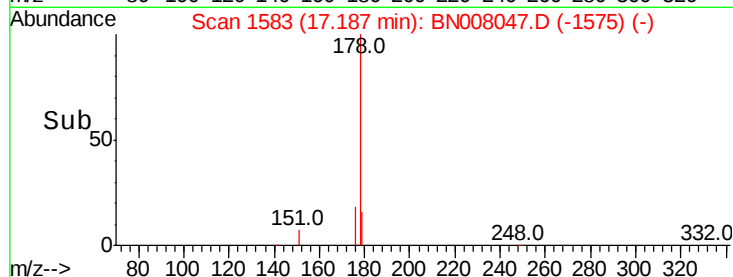
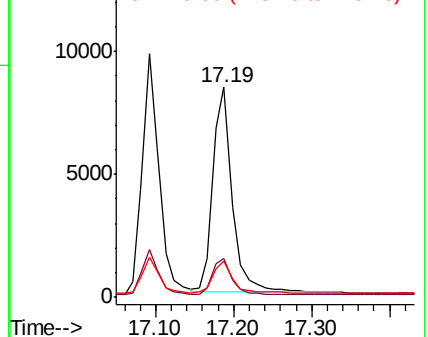
179 15.3 12.2 18.4



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



#25

Fluoranthene-d10

Concen: 0.271 ng

RT: 19.09 min Scan# 1878

Delta R.T. -0.02 min

Lab File: BN008047.D

Acq: 06 Oct 2019 06:12

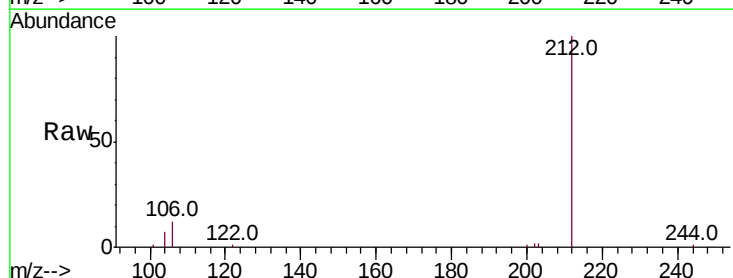
Tgt Ion:212 Resp: 17429

Ion Ratio Lower Upper

212 100

106 11.4 9.4 14.0

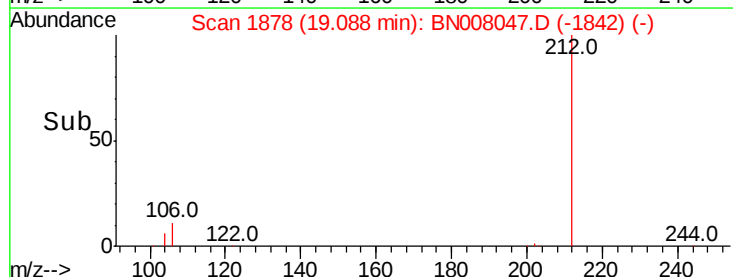
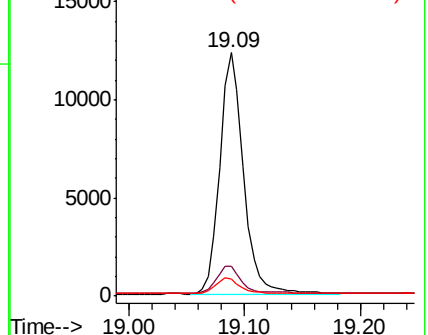
104 6.5 5.3 7.9

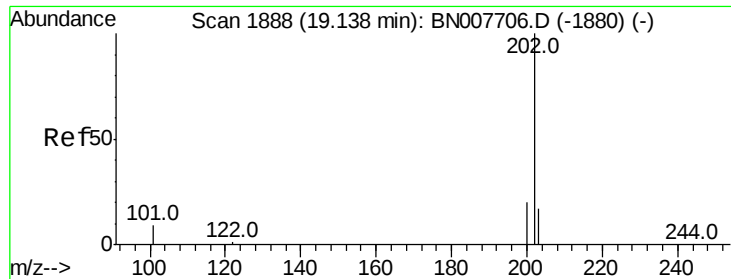


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

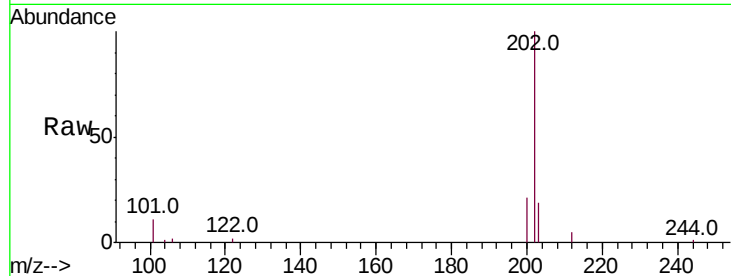




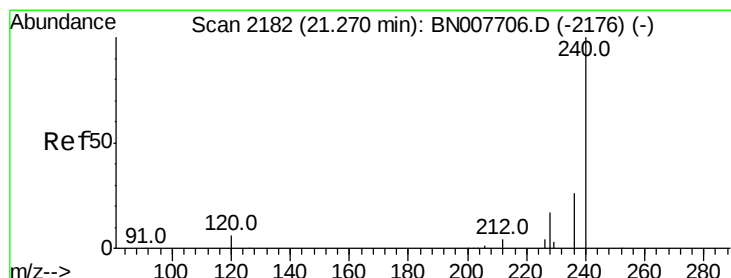
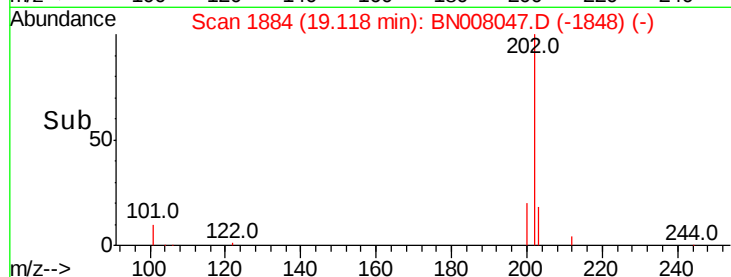
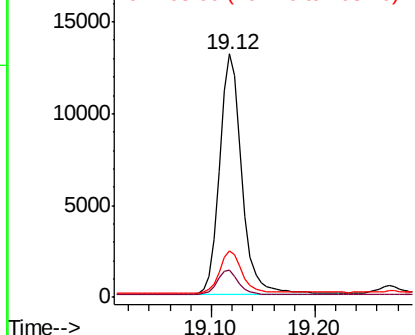
#26
Fluoranthene
 Concen: 0.264 ng
 RT: 19.12 min Scan# 1884
 Delta R.T. -0.02 min
 Lab File: BN008047.D
 Acq: 06 Oct 2019 06:12

Instrument :
 BNA_N
 ClientSampleId :
 PB123460BS

Tot Ion:202 Resp: 19472
 Ion Ratio Lower Upper
 202 100
 101 10.4 8.4 12.6
 203 17.7 13.8 20.8

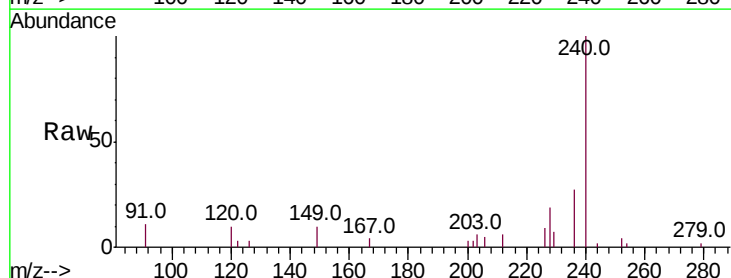


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

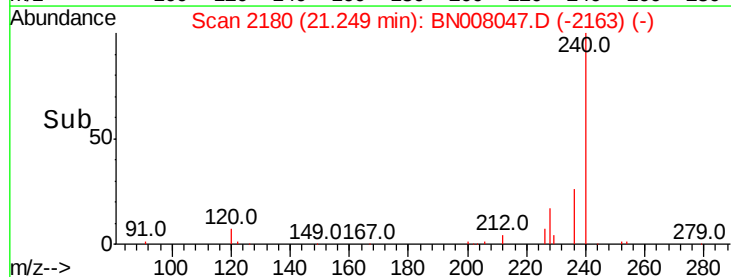
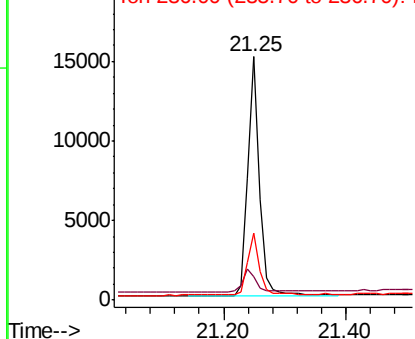


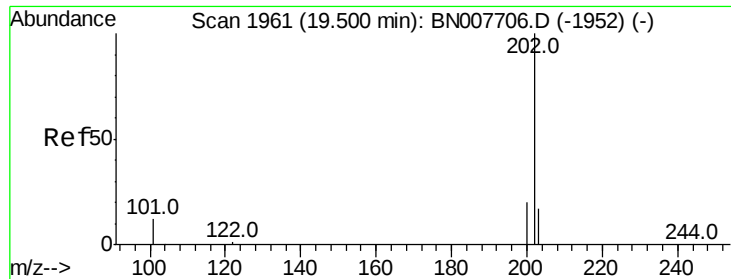
#27
Chrysene-d12
 Concen: 0.400 ng
 RT: 21.25 min Scan# 2180
 Delta R.T. -0.02 min
 Lab File: BN008047.D
 Acq: 06 Oct 2019 06:12

Tgt Ion:240 Resp: 20527
 Ion Ratio Lower Upper
 240 100
 120 9.7 5.4 8.2#
 236 27.5 21.0 31.4



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





#28

Pvrene

Concen: 0.291 ng

RT: 19.48 min Scan# 1957

Delta R.T. -0.02 min

Lab File: BN008047.D

Acq: 06 Oct 2019 06:12

Instrument :

BNA_N

ClientSampleId :

PB123460BS

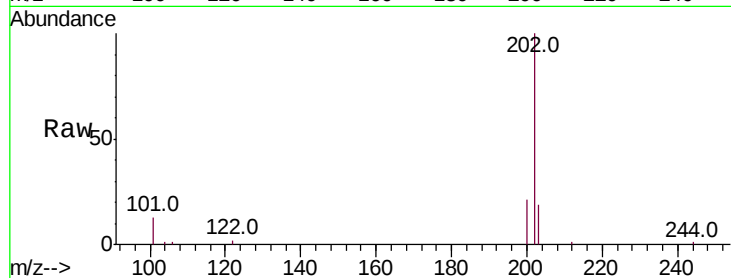
Tot Ion:202 Resp: 20348

Ion Ratio Lower Upper

202 100

200 20.6 16.4 24.6

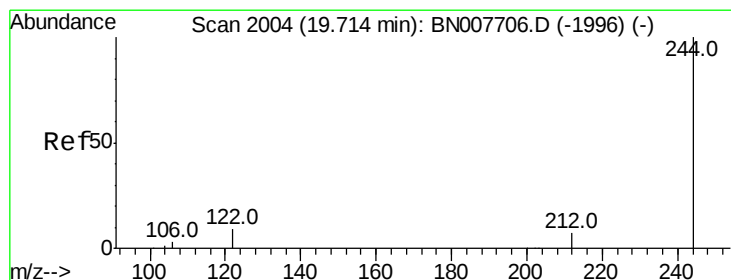
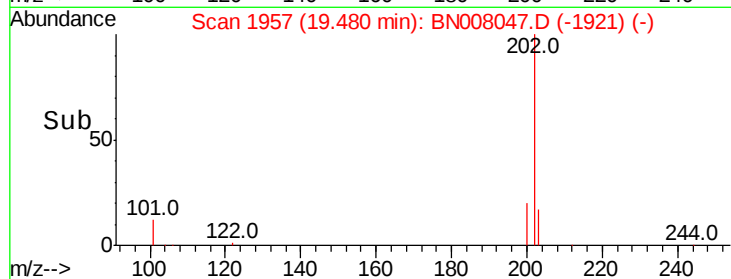
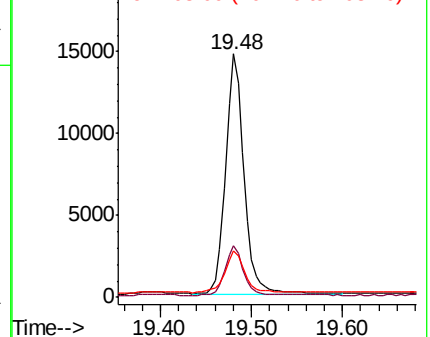
203 18.5 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

20000 Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.304 ng

RT: 19.69 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BN008047.D

Acq: 06 Oct 2019 06:12

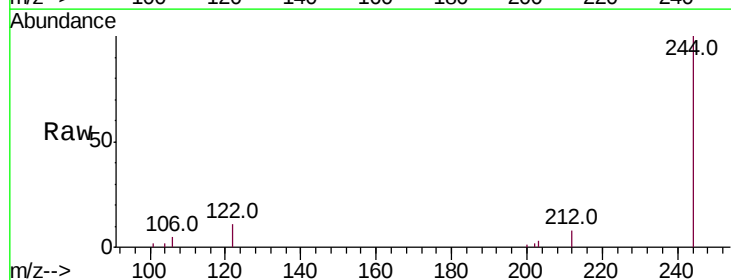
Tgt Ion:244 Resp: 15334

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

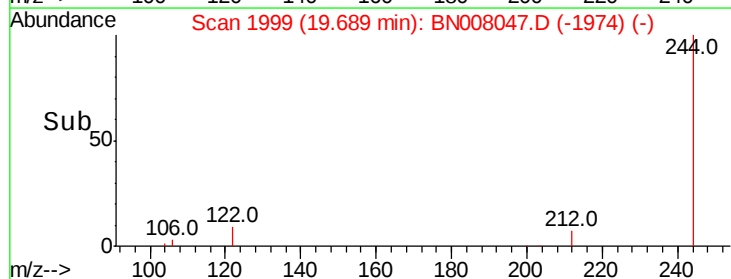
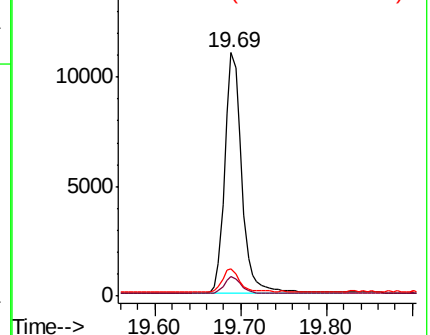
122 11.1 7.4 11.2

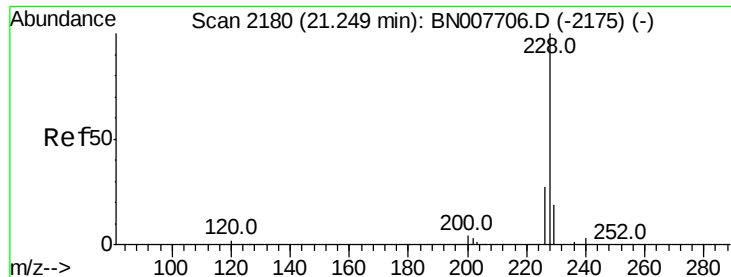


Abundance Ion 244.00 (243.70 to 244.70): E

15000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.266 ng

RT: 21.23 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BN008047.D

Acq: 06 Oct 2019 06:12

Instrument :

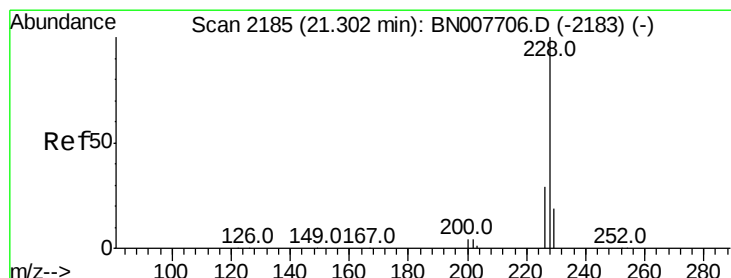
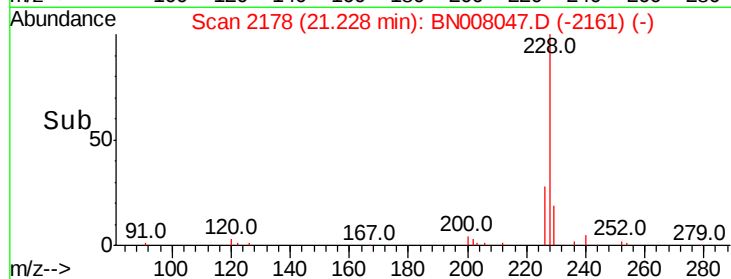
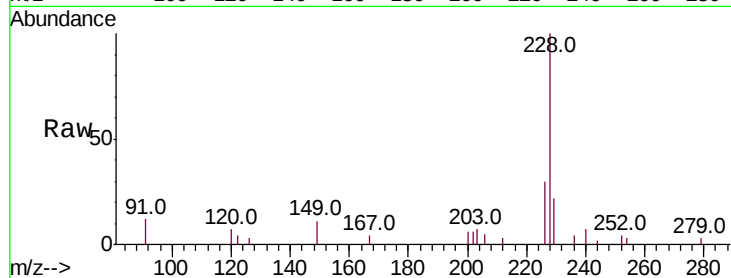
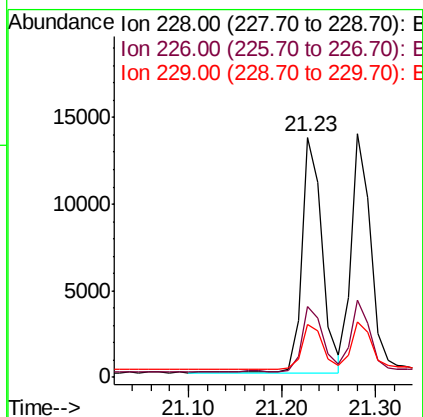
BNA_N

ClientSampleId :

PB123460BS

Tot Ion:228 Resp: 20145

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.1	33.1
229	22.2	15.8	23.6



#31

Chrysene

Concen: 0.267 ng

RT: 21.28 min Scan# 2183

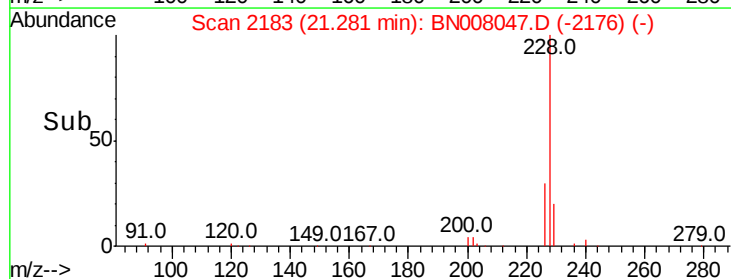
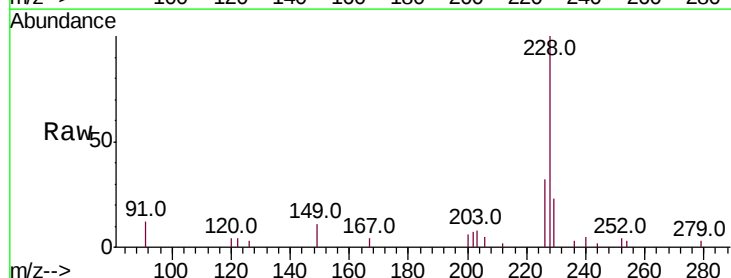
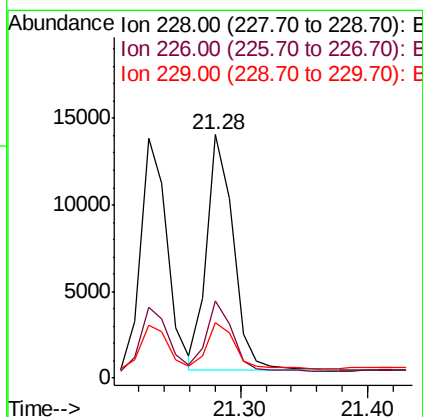
Delta R.T. -0.02 min

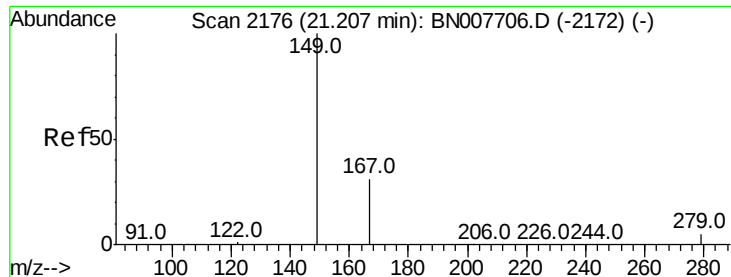
Lab File: BN008047.D

Acq: 06 Oct 2019 06:12

Tgt Ion:228 Resp: 19650

Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.9	35.9
229	22.7	15.8	23.6





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.270 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.03 min

Lab File: BN008047.D

Acq: 06 Oct 2019 06:12

Instrument :

BNA_N

ClientSampleId :

PB123460BS

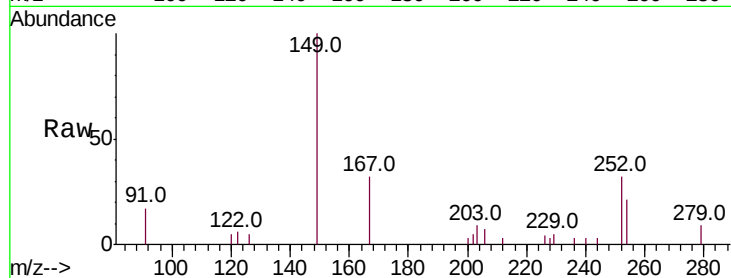
Tot Ion:149 Resp: 10491

Ion Ratio Lower Upper

149 100

167 29.5 23.7 35.5

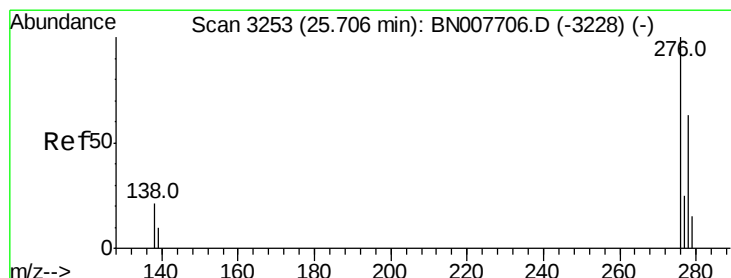
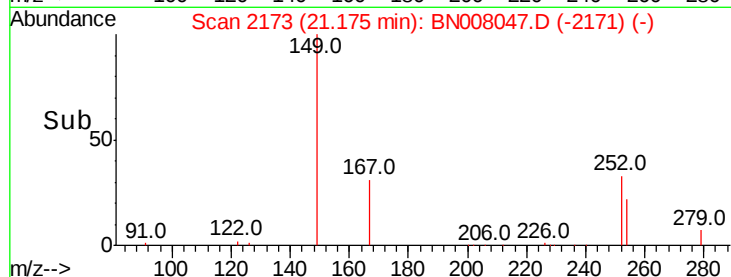
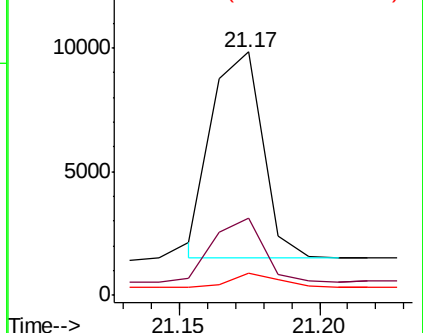
279 6.0 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.257 ng

RT: 25.67 min Scan# 3243

Delta R.T. -0.03 min

Lab File: BN008047.D

Acq: 06 Oct 2019 06:12

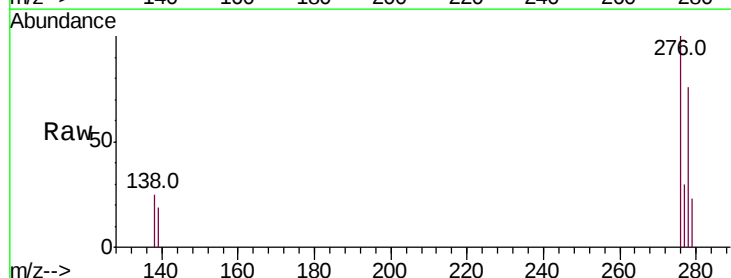
Tgt Ion:276 Resp: 23709

Ion Ratio Lower Upper

276 100

138 19.6 17.1 25.7

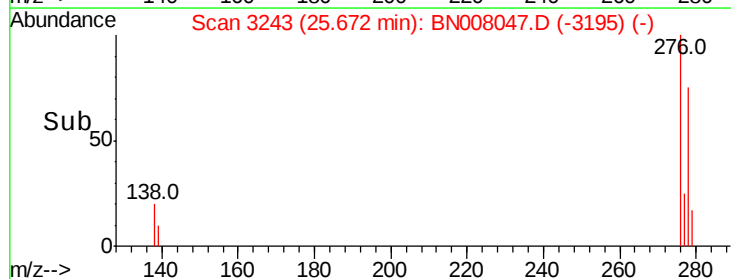
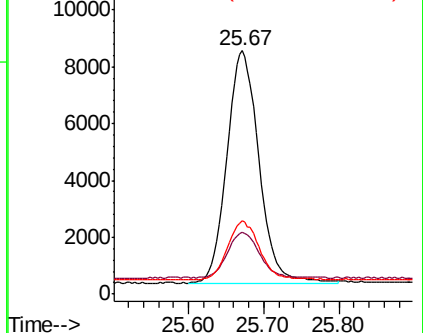
277 25.0 20.0 30.0

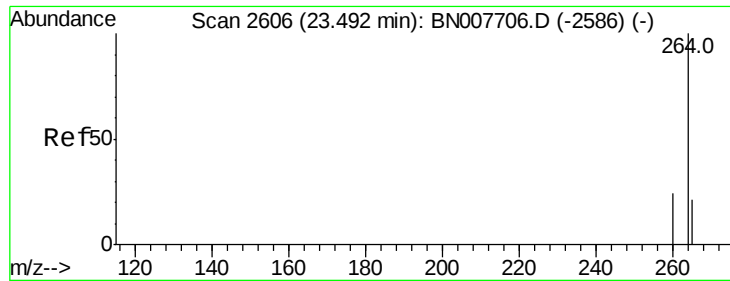


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.46 min Scan# 2597

Delta R.T. -0.03 min

Lab File: BN008047.D

Acq: 06 Oct 2019 06:12

Instrument :

BNA_N

ClientSampleId :

PB123460BS

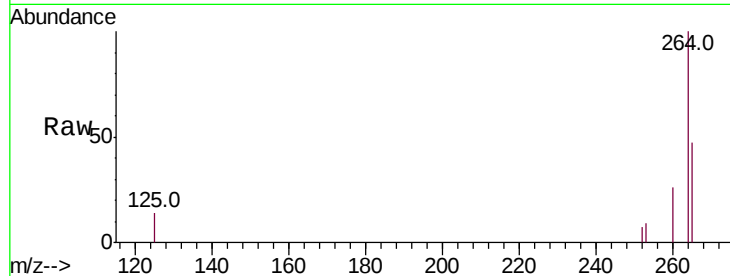
Tot Ion:264 Resp: 22571

Ion Ratio Lower Upper

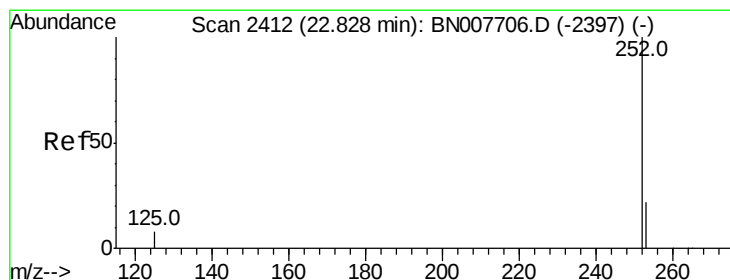
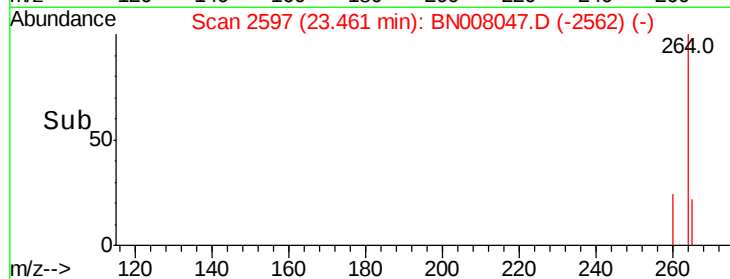
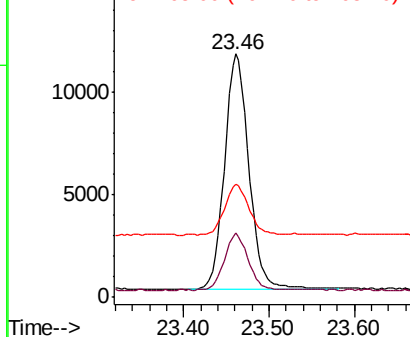
264 100

260 26.2 19.3 28.9

265 46.6 26.9 40.3#



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



#35

Benzo(b)fluoranthene

Concen: 0.253 ng

RT: 22.80 min Scan# 2404

Delta R.T. -0.03 min

Lab File: BN008047.D

Acq: 06 Oct 2019 06:12

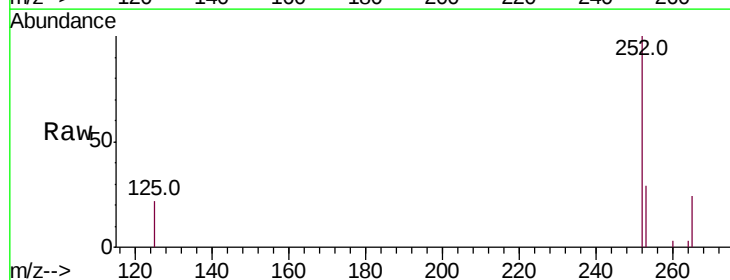
Tgt Ion:252 Resp: 19794

Ion Ratio Lower Upper

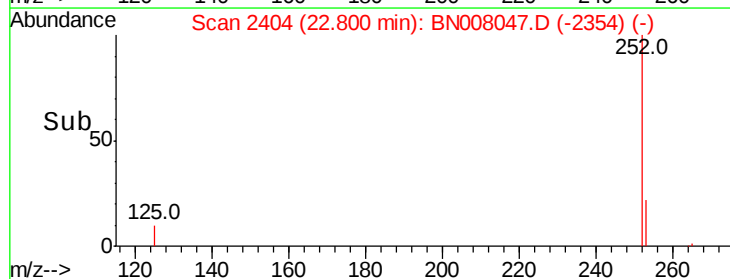
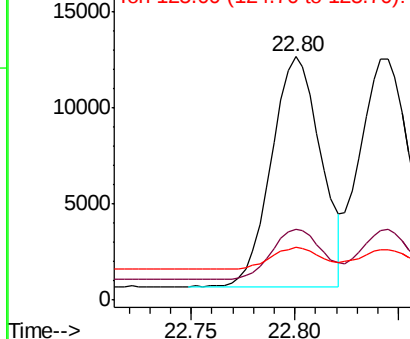
252 100

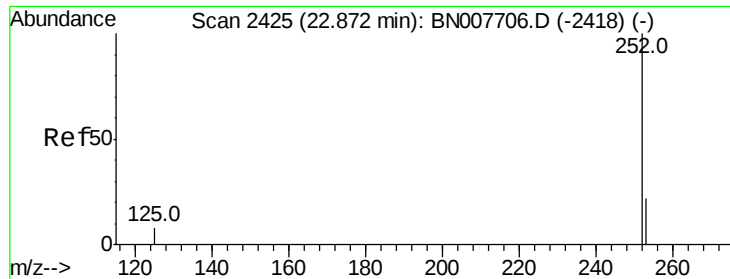
253 28.9 18.3 27.5#

125 21.8 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

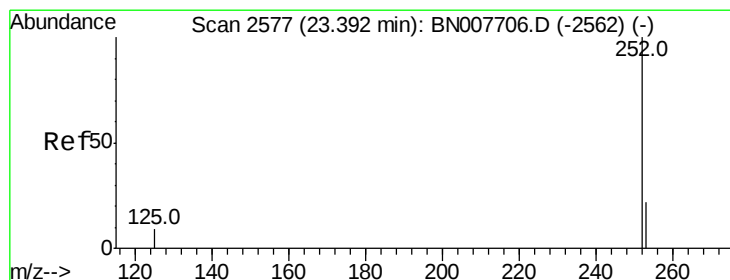
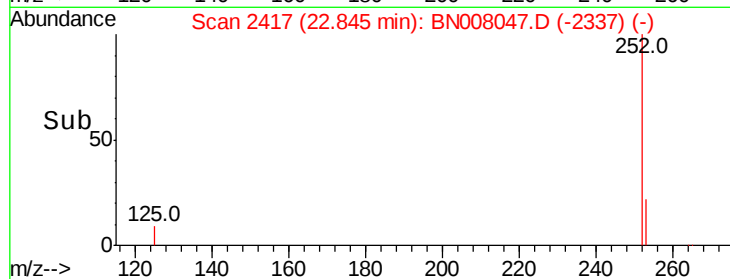
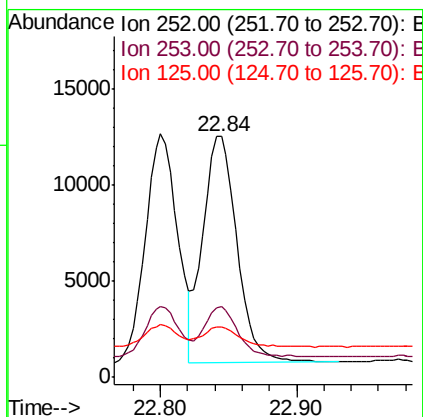
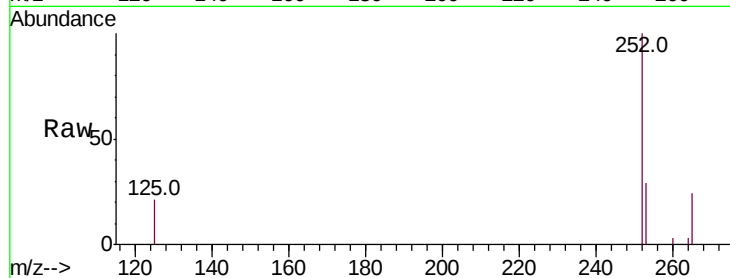




#36
Benzo(k)fluoranthene
Concen: 0.265 ng
RT: 22.84 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BN008047.D
Acq: 06 Oct 2019 06:12

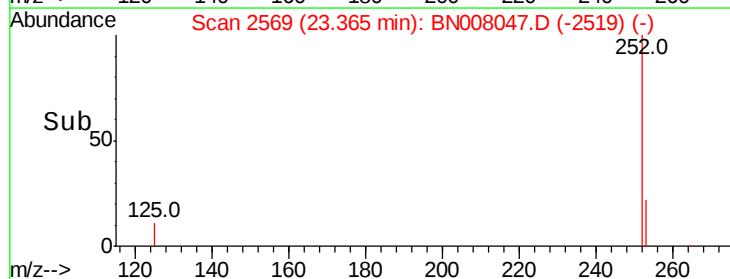
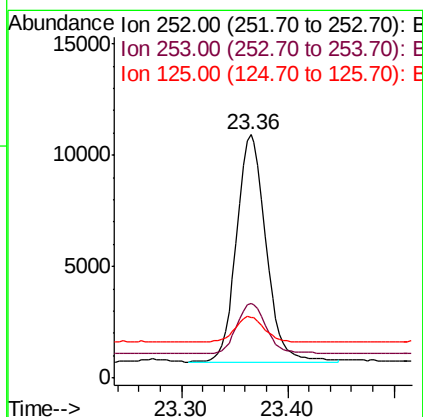
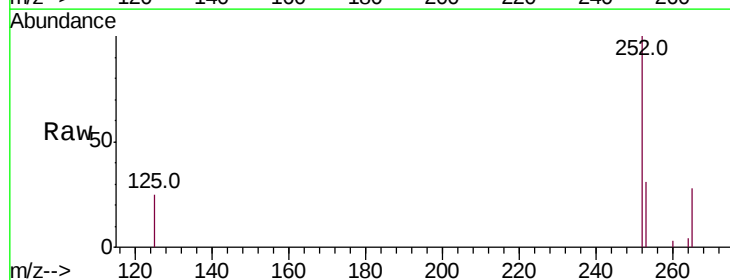
Instrument :
BNA_N
ClientSampleId :
PB123460BS

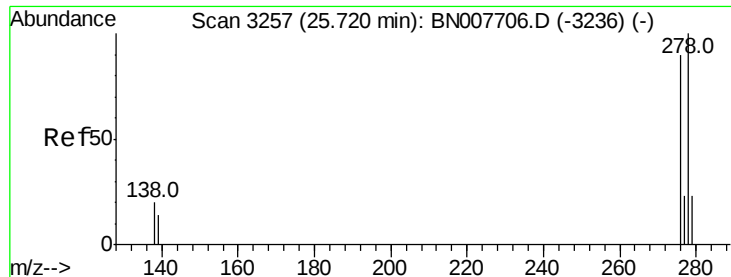
Tot Ion:252 Resp: 20503
Ion Ratio Lower Upper
252 100
253 29.4 18.5 27.7#
125 21.1 8.4 12.6#



#37
Benzo(a)pyrene
Concen: 0.267 ng
RT: 23.36 min Scan# 2569
Delta R.T. -0.03 min
Lab File: BN008047.D
Acq: 06 Oct 2019 06:12

Tgt Ion:252 Resp: 19678
Ion Ratio Lower Upper
252 100
253 30.9 18.6 27.8#
125 25.1 9.4 14.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.260 ng

RT: 25.68 min Scan# 3246

Delta R.T. -0.04 min

Lab File: BN008047.D

Acq: 06 Oct 2019 06:12

Instrument :

BNA_N

ClientSampleId :

PB123460BS

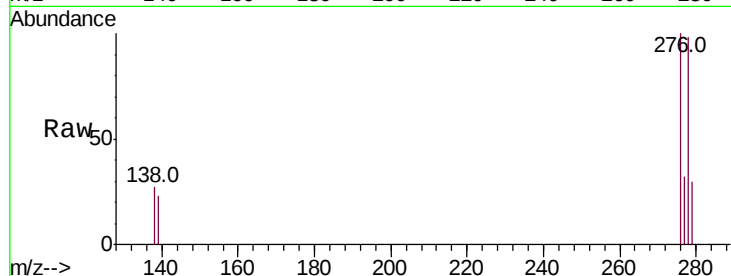
Tot Ion:278 Resp: 19593

Ion Ratio Lower Upper

278 100

139 23.0 11.8 17.6#

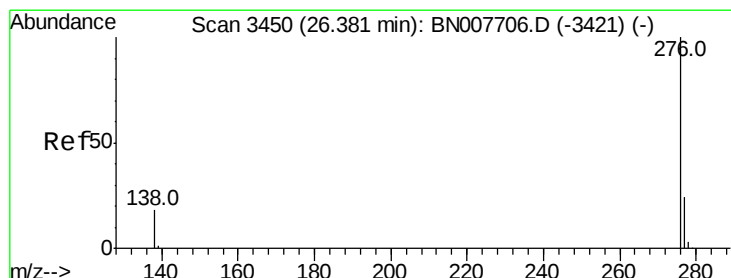
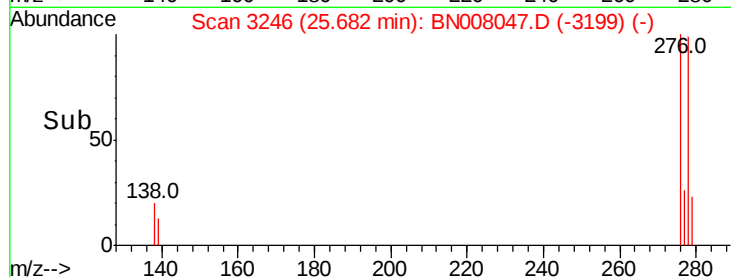
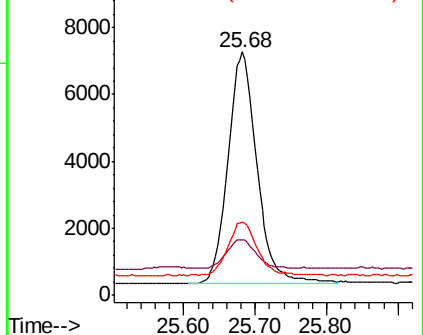
279 30.2 19.4 29.2#



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



#39

Benzo(g,h,i)perylene

Concen: 0.271 ng

RT: 26.35 min Scan# 3440

Delta R.T. -0.03 min

Lab File: BN008047.D

Acq: 06 Oct 2019 06:12

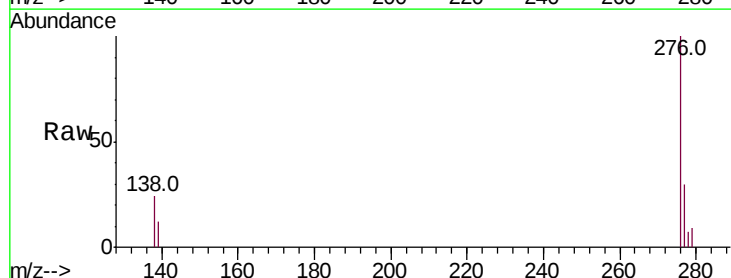
Tgt Ion:276 Resp: 20212

Ion Ratio Lower Upper

276 100

277 29.6 19.8 29.8

138 23.6 15.1 22.7#



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

