

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100519\
 Data File : BN008024.D
 Acq On : 05 Oct 2019 14:05
 Operator : JU
 Sample : PB123460BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB123460BS

Quant Time: Oct 07 00:14:21 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	7.69	152	4234	0.40	ng	-0.02
7) Naphthalene-d8	10.44	136	16633	0.40	ng	-0.03
13) Acenaphthene-d10	14.30	164	10884	0.40	ng	-0.02
19) Phenanthrene-d10	17.05	188	21465	0.40	ng	-0.02
27) Chrysene-d12	21.25	240	22479	0.40	ng	-0.02
34) Perylene-d12	23.47	264	23754	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	5583	0.38	ng	0.00
5) Phenol-d6	6.88	99	6951	0.38	ng	0.00
8) Nitrobenzene-d5	8.82	82	6488	0.45	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	11812	0.42	ng	-0.02
14) 2,4,6-Tribromophenol	15.81	330	2448	0.41	ng	-0.01
15) 2-Fluorobiphenyl	12.92	172	16013	0.36	ng	-0.02
25) Fluoranthene-d10	19.09	212	29306	0.41	ng	-0.02
29) Terphenyl-d14	19.69	244	24788	0.45	ng	-0.02

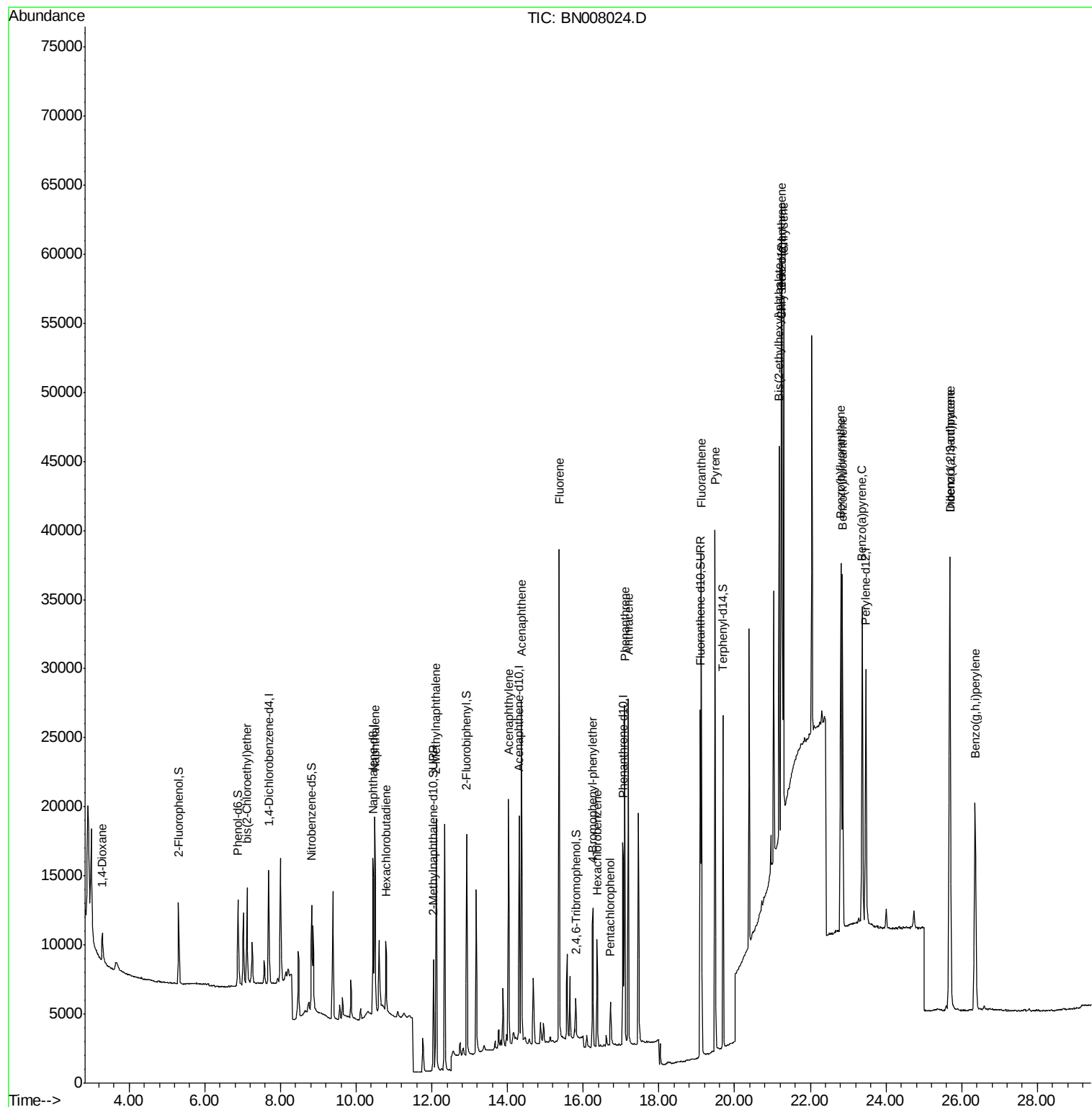
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	2038	0.432	ng	# 89
6) bis(2-Chloroethyl)ether	7.11	93	6250	0.521	ng	# 88
9) Naphthalene	10.49	128	18934	0.406	ng	98
10) Hexachlorobutadiene	10.79	225	4456	0.453	ng	# 100
12) 2-Methylnaphthalene	12.12	142	13295	0.421	ng	100
16) Acenaphthylene	14.02	152	20745	0.359	ng	100
17) Acenaphthene	14.37	154	12921	0.347	ng	98
18) Fluorene	15.36	166	16769	0.352	ng	99
20) 4-Bromophenyl-phenylether	16.25	248	5597	0.430	ng	98
21) Hexachlorobenzene	16.37	284	6208	0.436	ng	96
22) Pentachlorophenol	16.72	266	2196	0.418	ng	96
23) Phenanthrene	17.09	178	26884	0.402	ng	100
24) Anthracene	17.19	178	26030	0.431	ng	99
26) Fluoranthene	19.12	202	33738	0.406	ng	99
28) Pyrene	19.49	202	34980	0.456	ng	100
30) Benzo(a)anthracene	21.24	228	34511	0.417	ng	97
31) Chrysene	21.29	228	33391	0.414	ng	97
32) Bis(2-ethylhexyl)phthalate	21.17	149	21767	0.511	ng	99
33) Indeno(1,2,3-cd)pyrene	25.68	276	37934	0.376	ng	98
35) Benzo(b)fluoranthene	22.81	252	33243	0.403	ng	# 78
36) Benzo(k)fluoranthene	22.85	252	32084	0.393	ng	# 83
37) Benzo(a)pyrene	23.37	252	31041	0.401	ng	# 70
38) Dibenzo(a,h)anthracene	25.69	278	30850	0.389	ng	# 85
39) Benzo(g,h,i)perylene	26.36	276	30873	0.393	ng	# 90

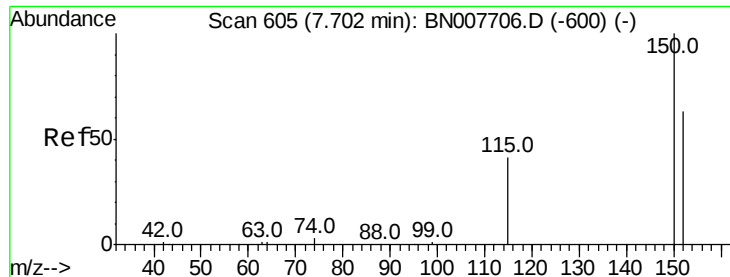
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 603

Delta R.T. -0.02 min

Lab File: BN008024.D

Acq: 05 Oct 2019 14:05

Instrument :

BNA_N

ClientSampleId :

PB123460BS

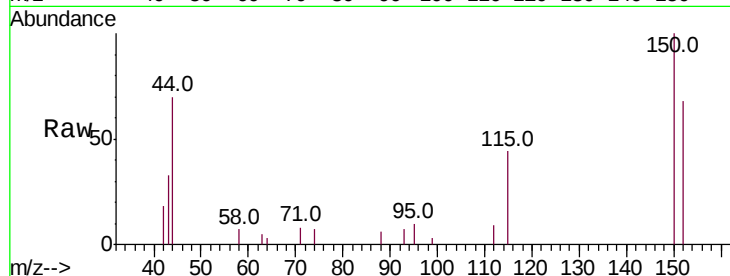
Tot Ion:152 Resp: 4234

Ion Ratio Lower Upper

152 100

150 146.6 125.6 188.4

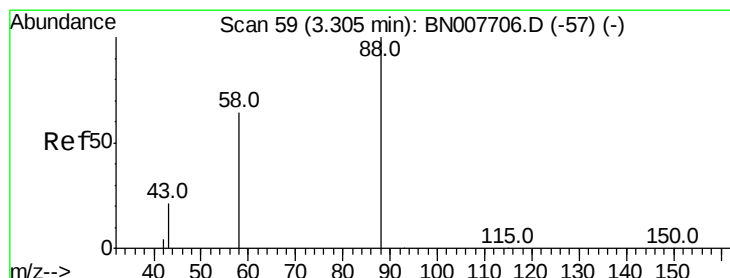
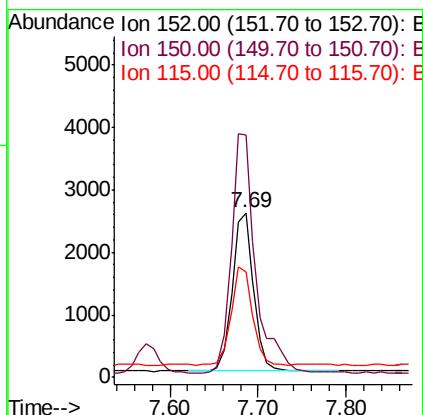
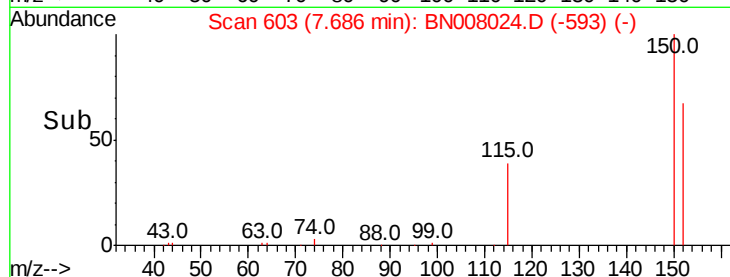
115 63.9 53.3 79.9



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



#2

1,4-Dioxane

Concen: 0.432 ng

RT: 3.29 min Scan# 57

Delta R.T. -0.02 min

Lab File: BN008024.D

Acq: 05 Oct 2019 14:05

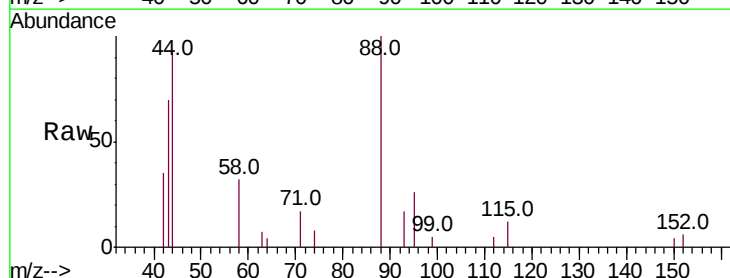
Tgt Ion: 88 Resp: 2038

Ion Ratio Lower Upper

88 100

58 64.1 44.6 66.8

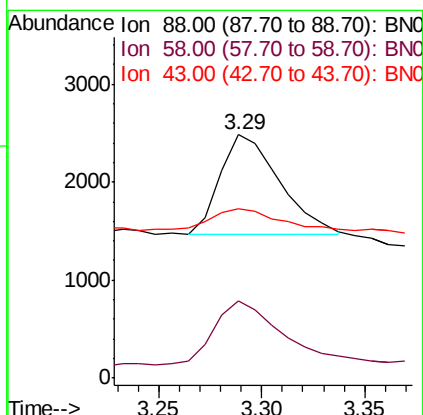
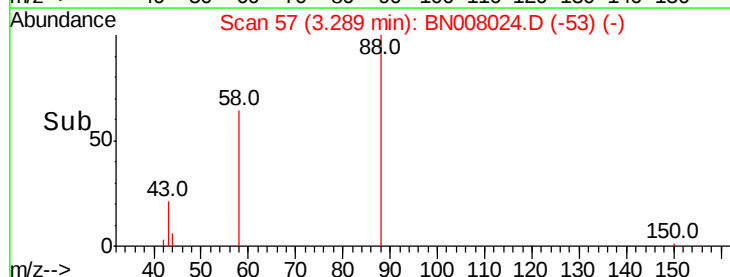
43 21.8 14.4 21.6#

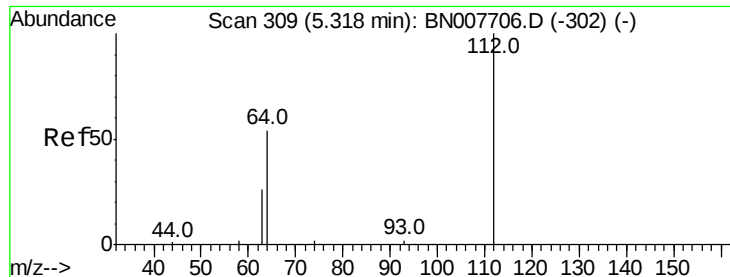


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.383 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN008024.D

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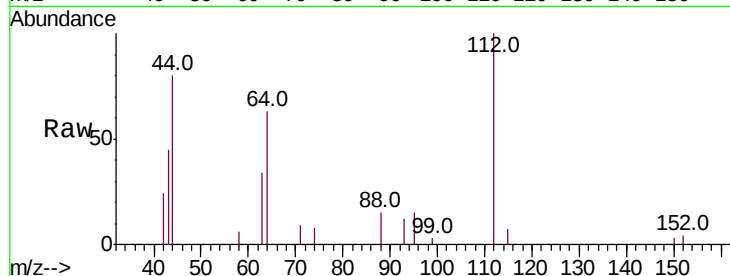
Tot Ion:112 Resp: 5583

Ion Ratio Lower Upper

112 100

64 58.5 46.6 70.0

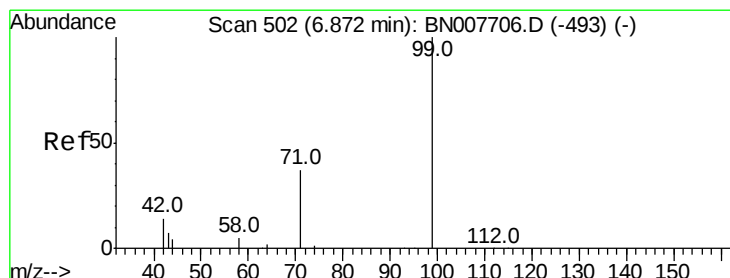
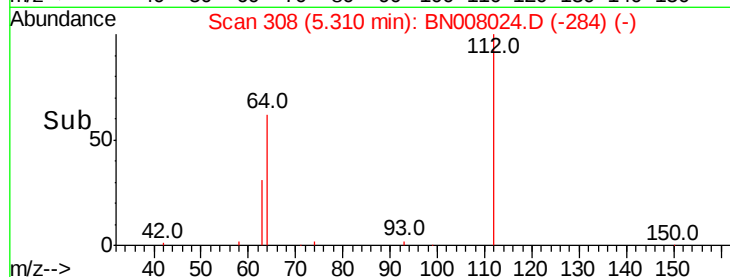
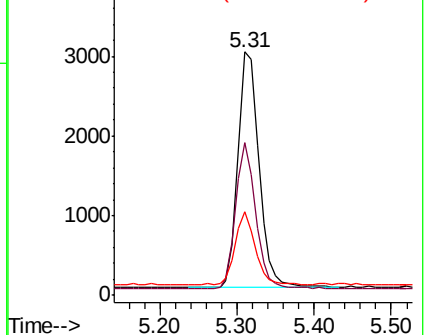
63 28.9 23.1 34.7



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: 0.382 ng

RT: 6.88 min Scan# 503

Delta R.T. 0.01 min

Lab File: BN008024.D

Acq: 05 Oct 2019 14:05

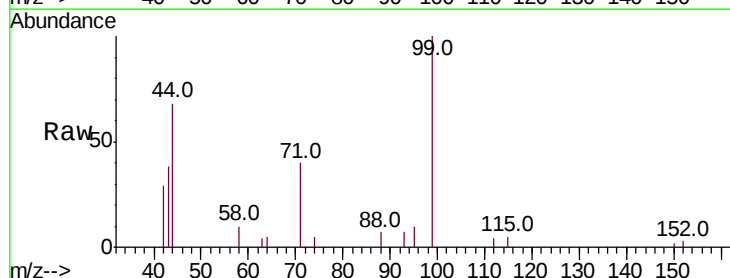
Tgt Ion: 99 Resp: 6951

Ion Ratio Lower Upper

99 100

42 14.5 12.8 19.2

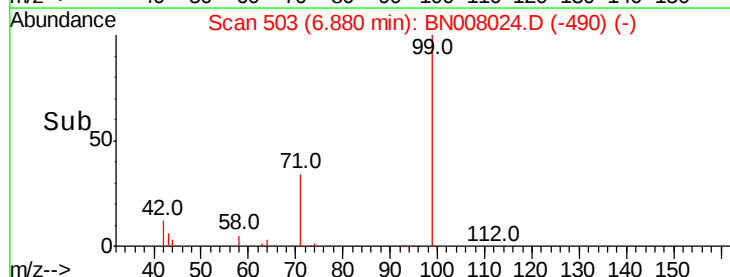
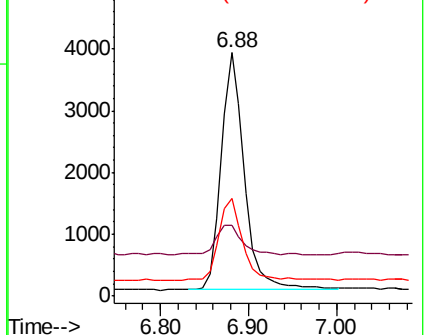
71 36.0 27.6 41.4

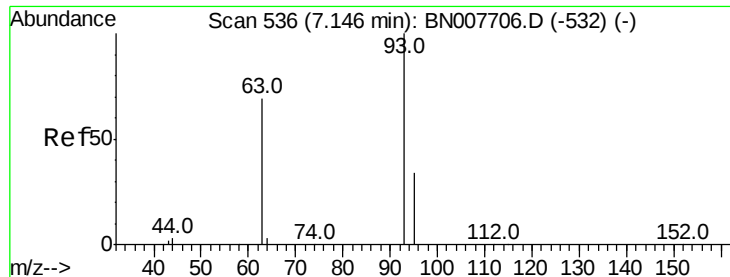


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.521 ng

RT: 7.11 min Scan# 532

Delta R.T. -0.03 min

Lab File: BN008024.D

Acq: 05 Oct 2019 14:05

Instrument :

BNA_N

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PB123460BS

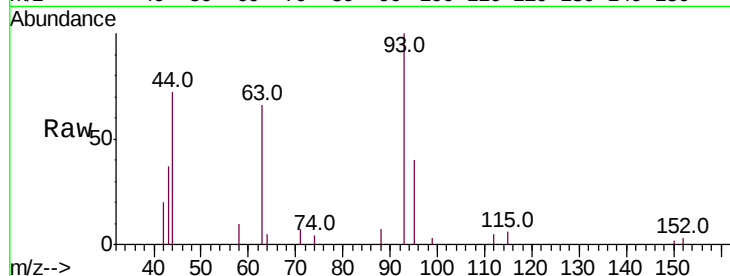
Tot Ion: 93 Resp: 6250

Ion Ratio Lower Upper

93 100

63 64.5 59.3 88.9

95 30.9 31.4 47.0#

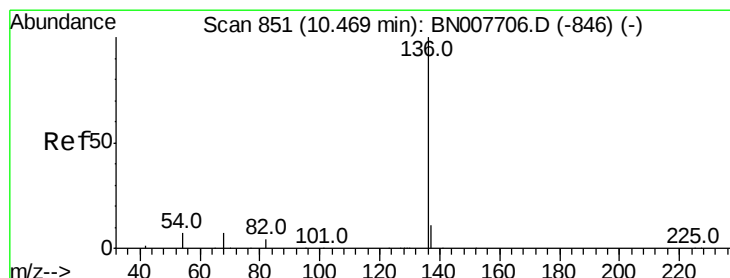
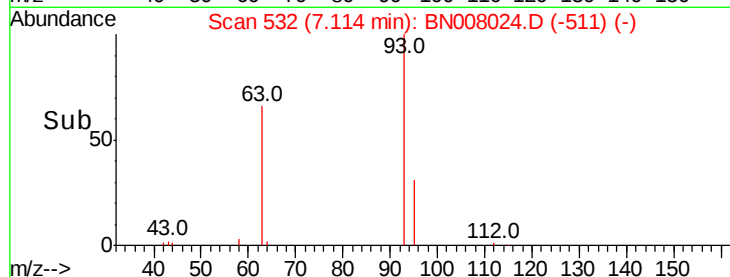
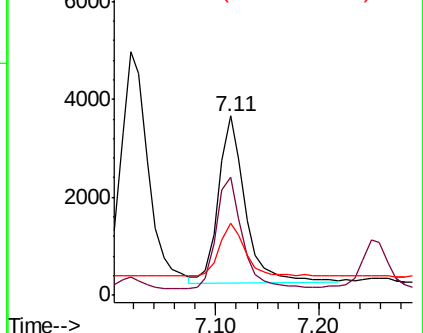


Abundance

Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 849

Delta R.T. -0.03 min

Lab File: BN008024.D

Acq: 05 Oct 2019 14:05

Tgt Ion: 136 Resp: 16633

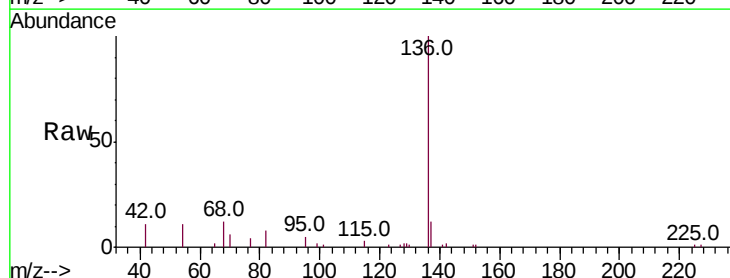
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 10.7 5.8 8.8#

68 11.8 6.5 9.7#



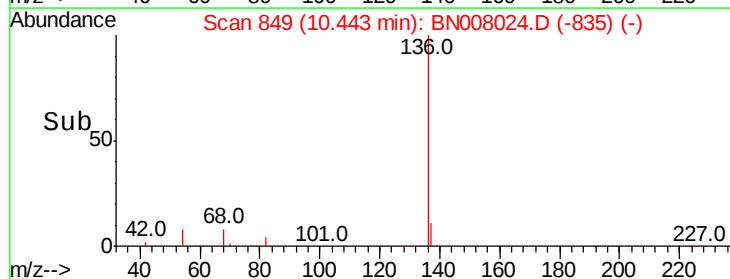
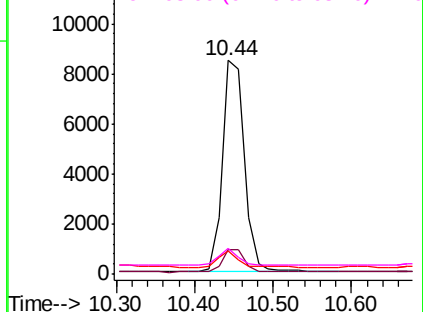
Abundance

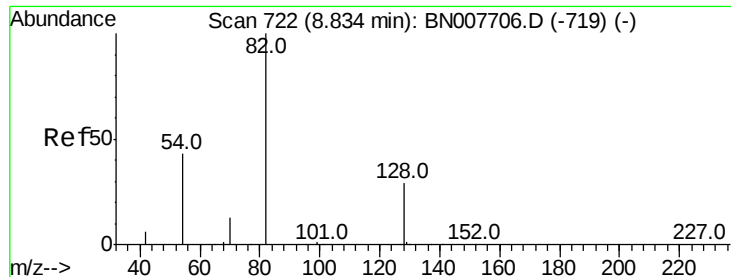
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0





#8

Nitrobenzene-d5

Concen: 0.446 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN008024.D

Acq: 05 Oct 2019 14:05

Instrument :

BNA_N

ClientSampleId :

PB123460BS

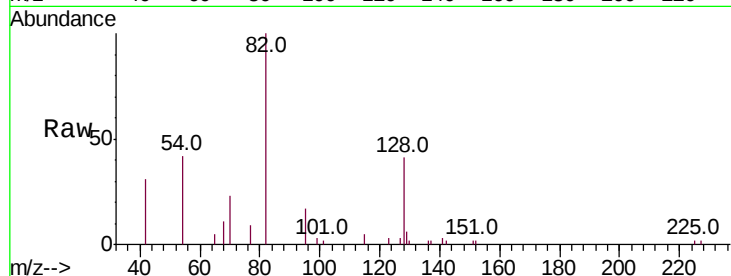
Tot Ion: 82 Resp: 6488

Ion Ratio Lower Upper

82 100

128 41.4 24.5 36.7#

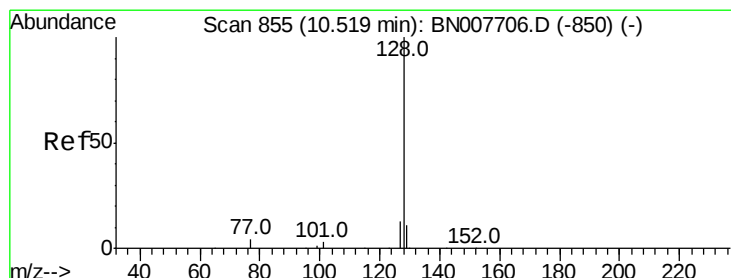
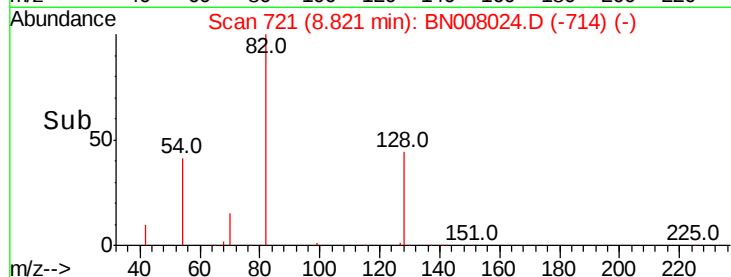
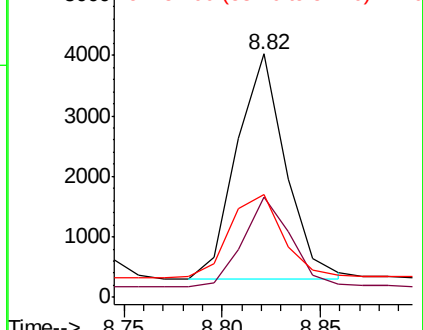
54 42.3 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): BN007706.D (-719) (-)

Ion 128.00 (127.70 to 128.70): BN007706.D (-719) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-719) (-)



#9

Naphthalene

Concen: 0.406 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN008024.D

Acq: 05 Oct 2019 14:05

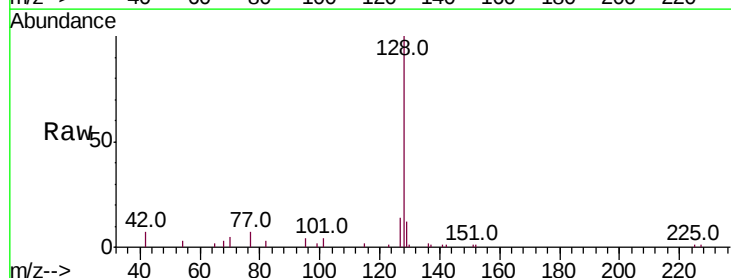
Tgt Ion: 128 Resp: 18934

Ion Ratio Lower Upper

128 100

129 12.2 9.1 13.7

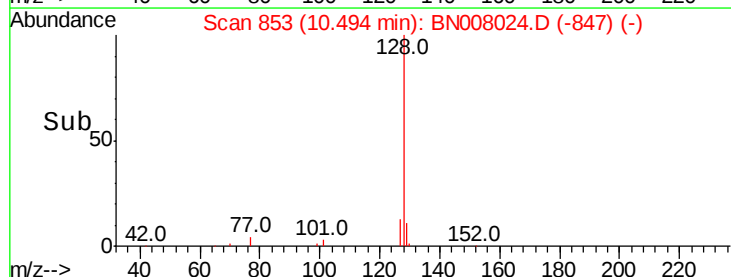
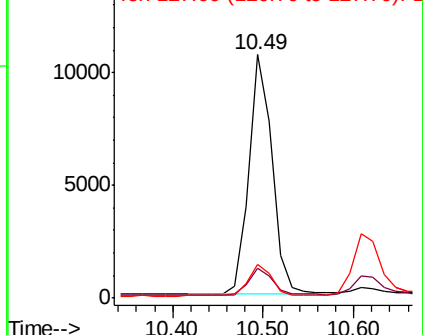
127 13.9 10.6 15.8

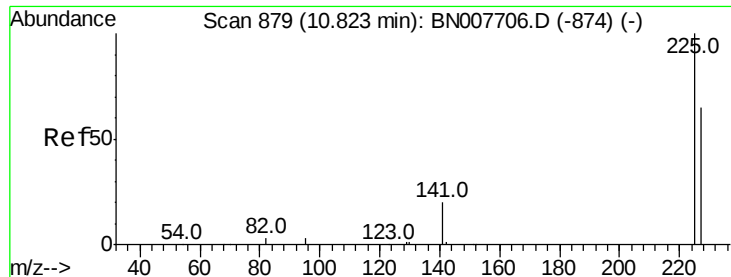


Abundance Ion 128.00 (127.70 to 128.70): BN007706.D (-850) (-)

Ion 129.00 (128.70 to 129.70): BN007706.D (-850) (-)

Ion 127.00 (126.70 to 127.70): BN007706.D (-850) (-)

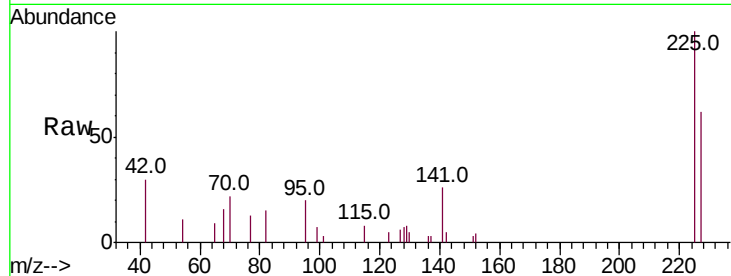




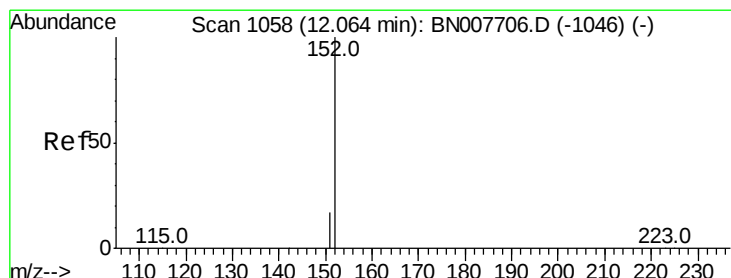
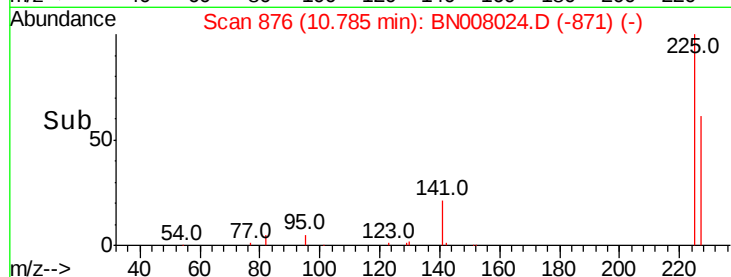
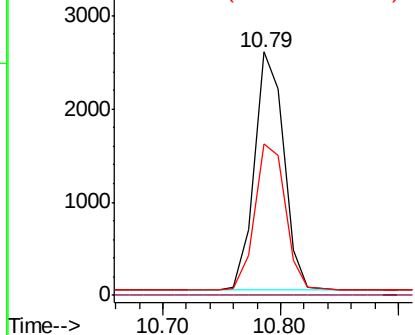
#10
Hexachlorobutadiene
Concen: 0.453 ng
RT: 10.79 min Scan# 876
Delta R.T. -0.04 min
Lab File: BN008024.D
Acq: 05 Oct 2019 14:05

Instrument :
BNA_N
ClientSampleId :
PB123460BS

Tot Ion:225 Resp: 4456
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.8 51.2 76.8

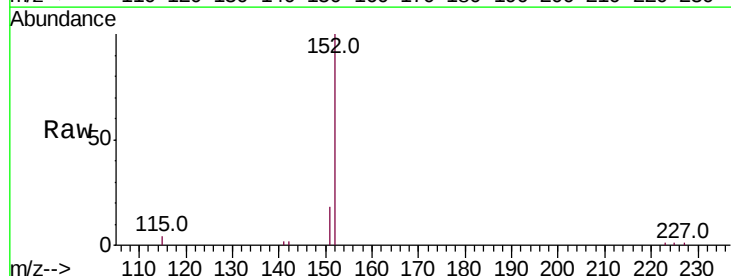


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

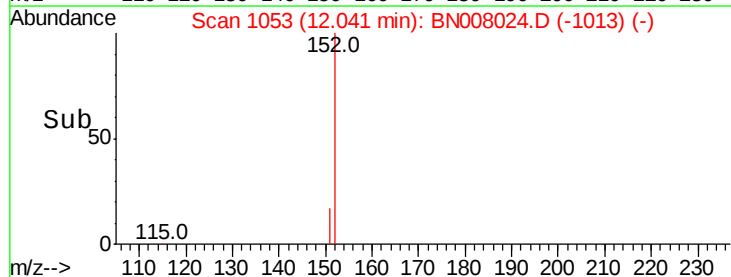
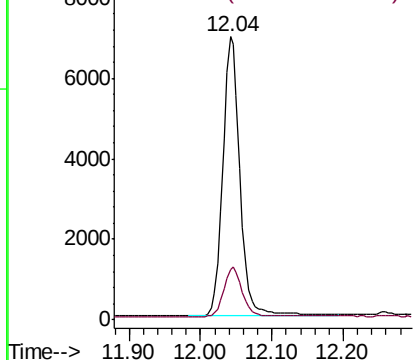


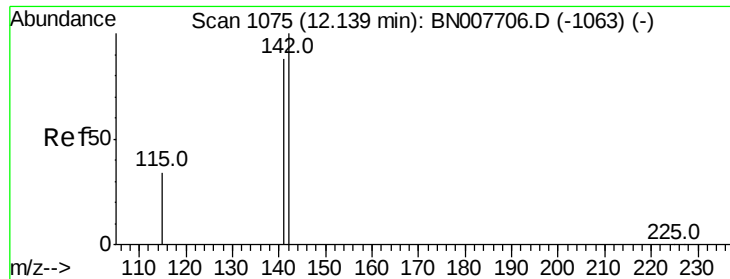
#11
2-Methylnaphthalene-d10
Concen: 0.422 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BN008024.D
Acq: 05 Oct 2019 14:05

Tgt Ion:152 Resp: 11812
Ion Ratio Lower Upper
152 100
151 18.7 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

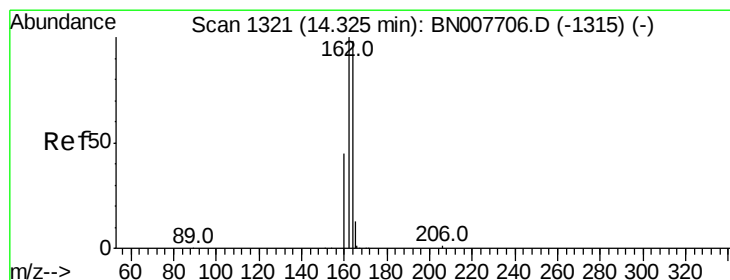
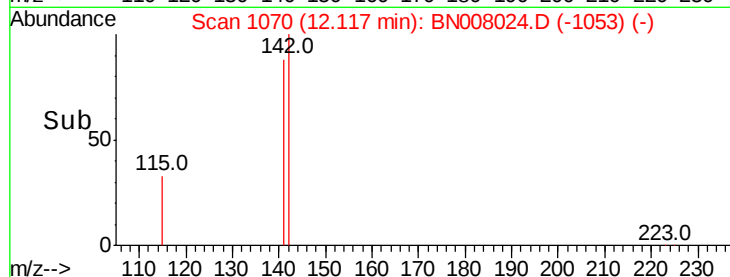
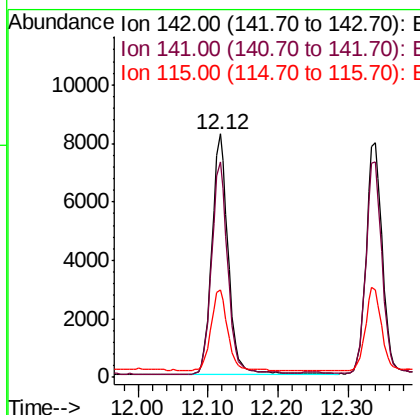
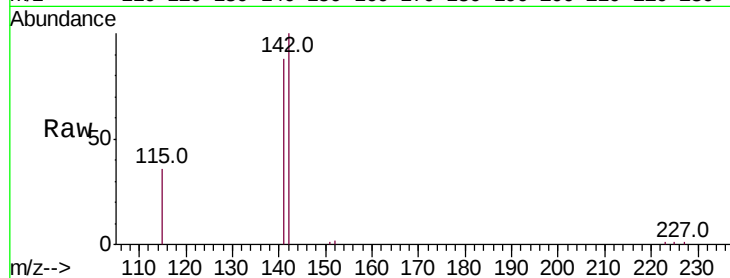




#12
2-Methylnaphthalene
Concen: 0.421 ng
RT: 12.12 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BN008024.D
Acq: 05 Oct 2019 14:05

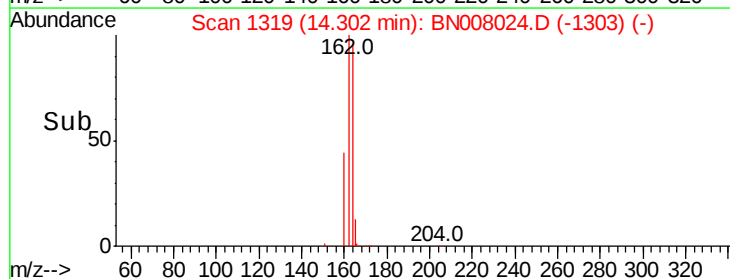
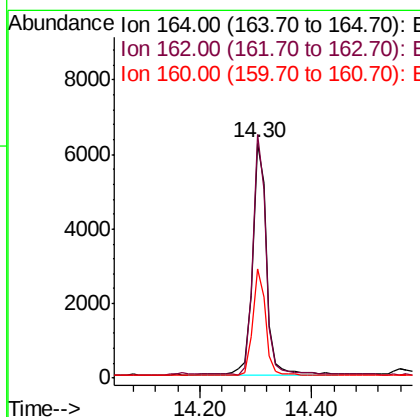
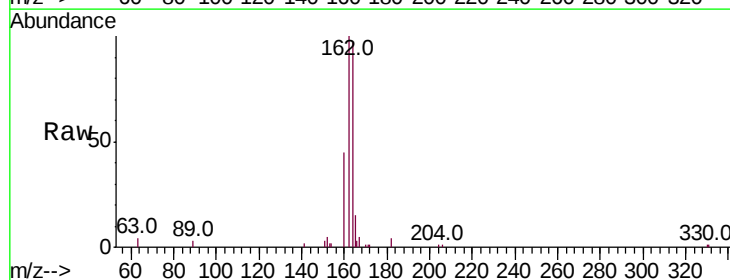
Instrument :
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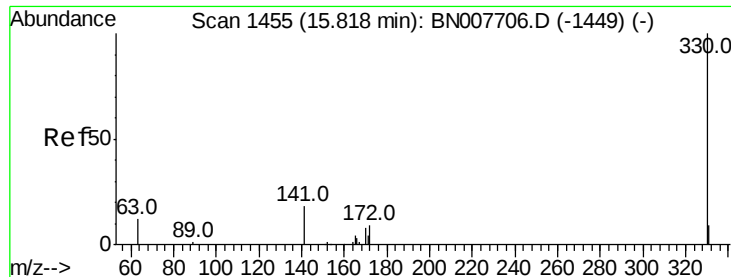
Tot Ion:142 Resp: 13295
Ion Ratio Lower Upper
142 100
141 88.3 70.6 106.0
115 36.0 28.3 42.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BN008024.D
Acq: 05 Oct 2019 14:05

Tgt Ion:164 Resp: 10884
Ion Ratio Lower Upper
164 100
162 103.6 81.7 122.5
160 46.6 37.0 55.4

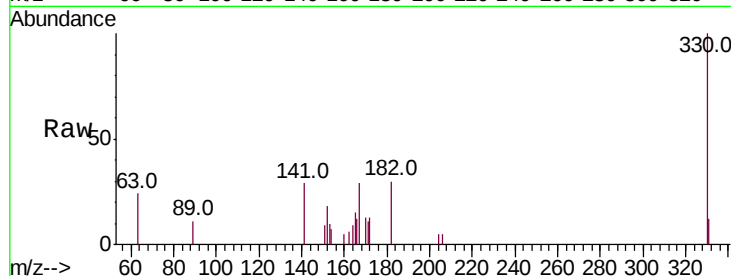




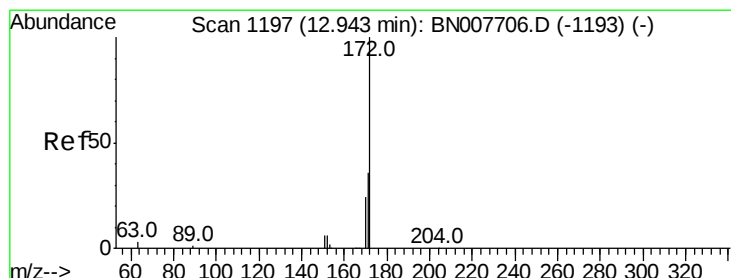
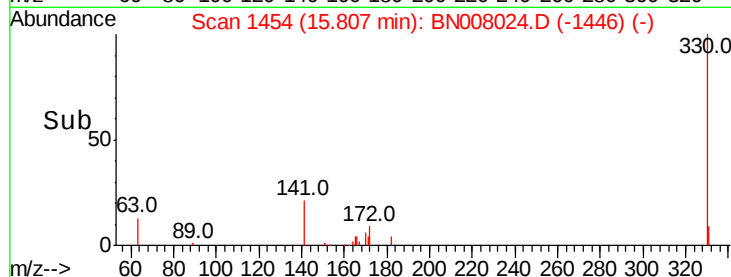
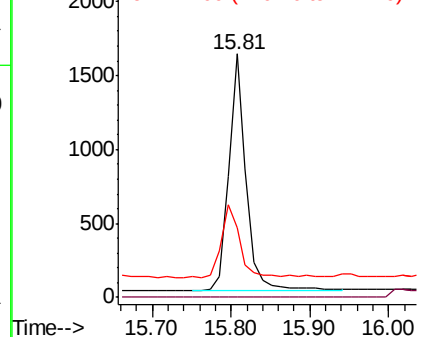
#14
 2,4,6-Tribromophenol
 Concen: 0.413 ng
 RT: 15.81 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BN008024.D
 Acq: 05 Oct 2019 14:05

Instrument :
 BNA_N
 ClientSampleId :
 PB123460BS

Tot Ion:330 Resp: 2448
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 33.6 28.7 43.1

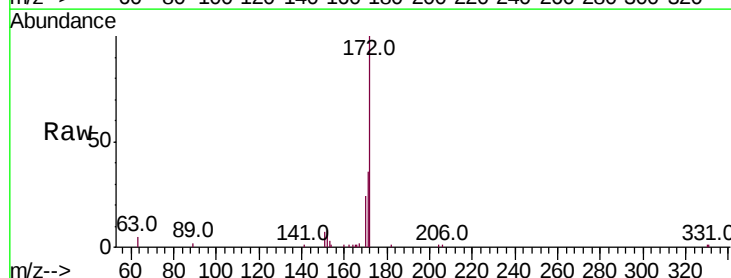


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

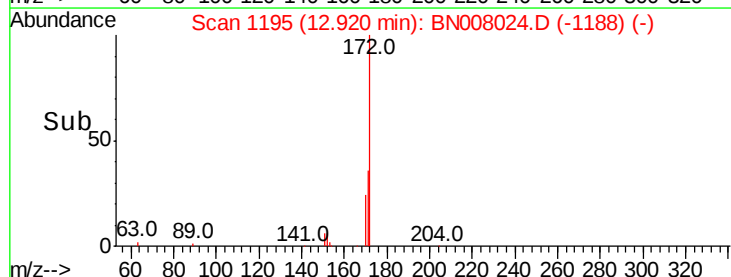
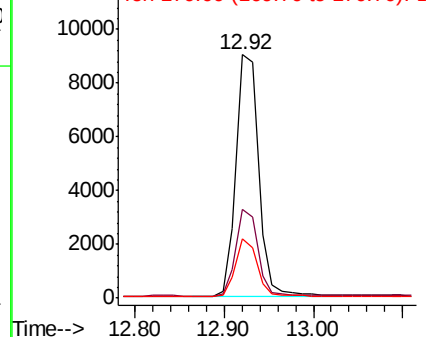


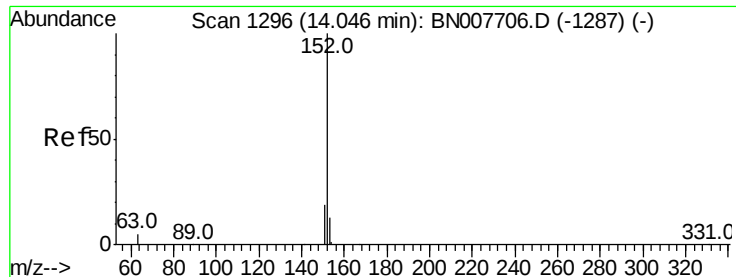
#15
 2-Fluorobiphenyl
 Concen: 0.357 ng
 RT: 12.92 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BN008024.D
 Acq: 05 Oct 2019 14:05

Tgt Ion:172 Resp: 16013
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.8 43.2
 170 24.3 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





#16

Acenaphthylene

Concen: 0.359 ng

RT: 14.02 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BN008024.D

Acq: 05 Oct 2019 14:05

Instrument :

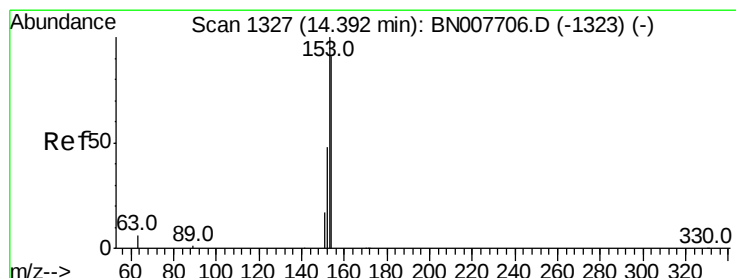
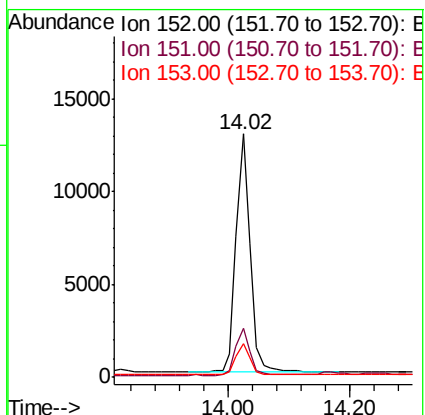
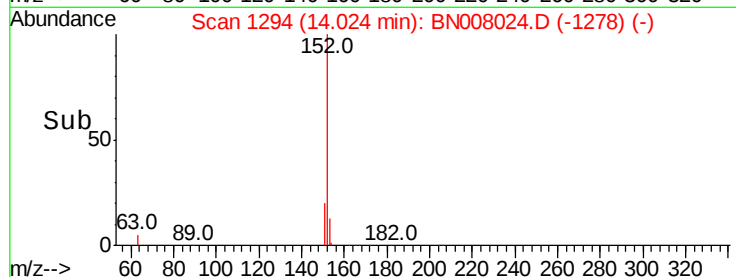
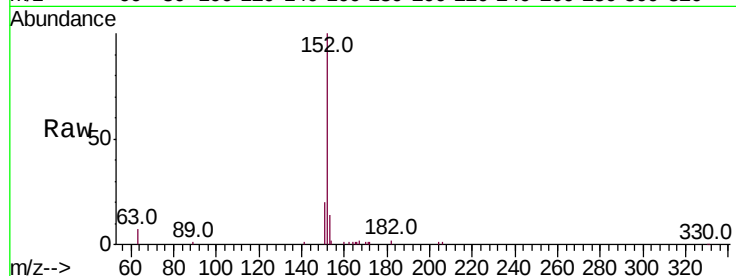
BNA_N

ClientSampleId :

PB123460BS

Tot Ion:152 Resp: 20745

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.2	10.4	15.6



#17

Acenaphthene

Concen: 0.347 ng

RT: 14.37 min Scan# 1325

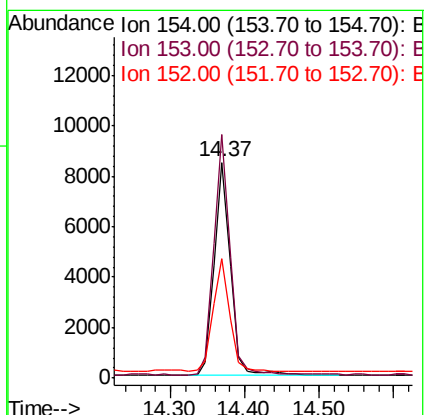
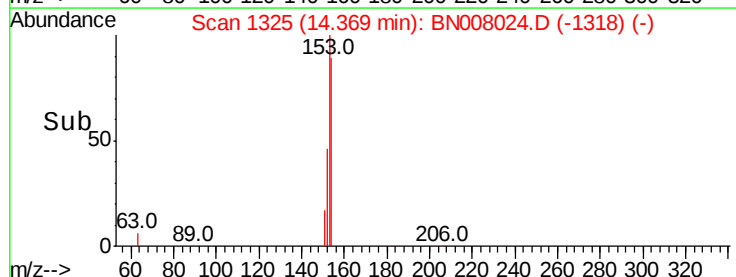
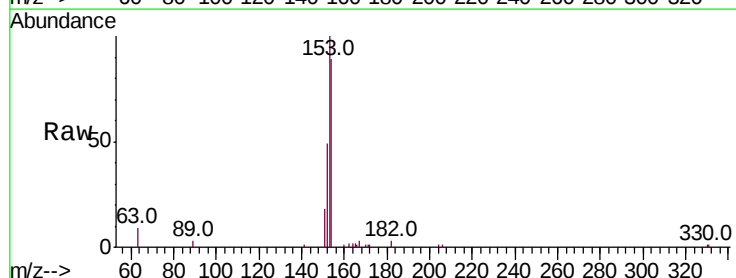
Delta R.T. -0.02 min

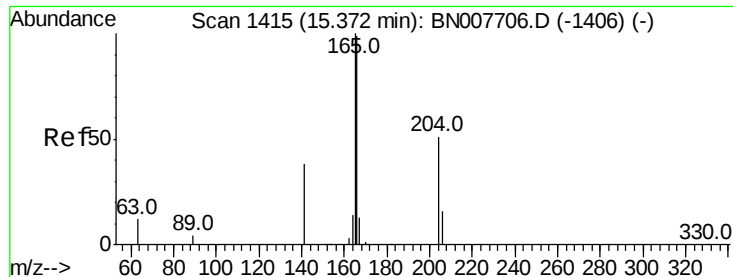
Lab File: BN008024.D

Acq: 05 Oct 2019 14:05

Tgt Ion:154 Resp: 12921

Ion	Ratio	Lower	Upper
154	100		
153	111.4	87.0	130.4
152	53.4	42.7	64.1





#18

Fluorene

Concen: 0.352 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN008024.D

Acq: 05 Oct 2019 14:05

Instrument :

BNA_N

ClientSampleId :

PB123460BS

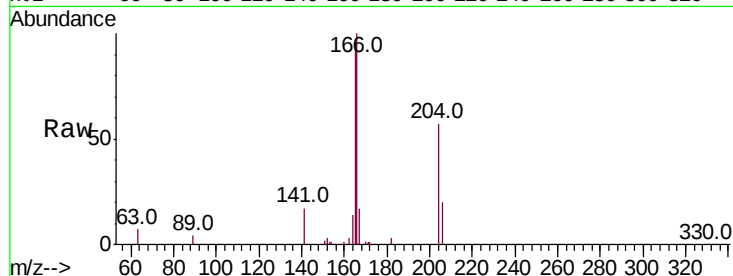
Tot Ion:166 Resp: 16769

Ion Ratio Lower Upper

166 100

165 96.7 78.0 117.0

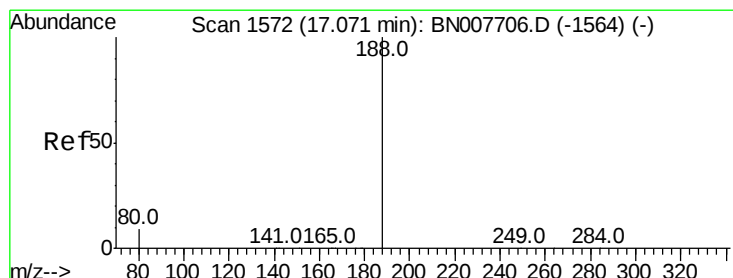
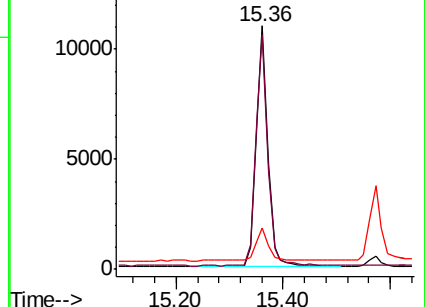
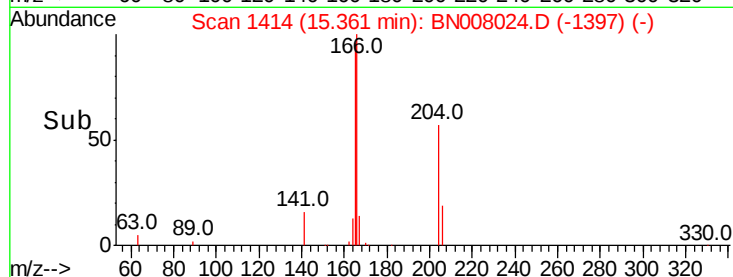
167 13.5 10.9 16.3



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.05 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BN008024.D

Acq: 05 Oct 2019 14:05

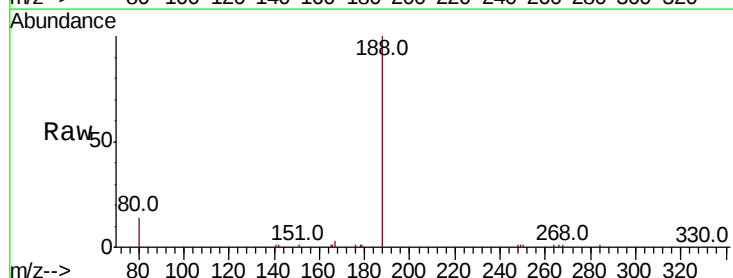
Tgt Ion:188 Resp: 21465

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

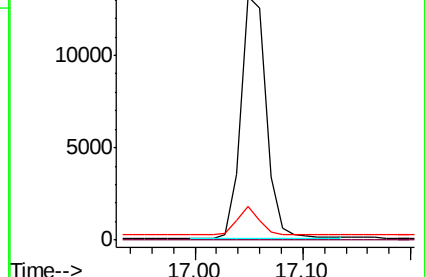
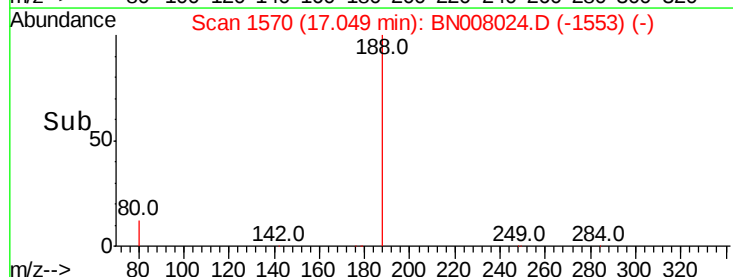
80 13.8 7.4 11.2#

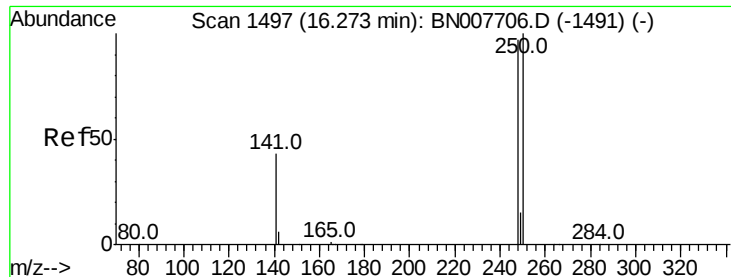


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

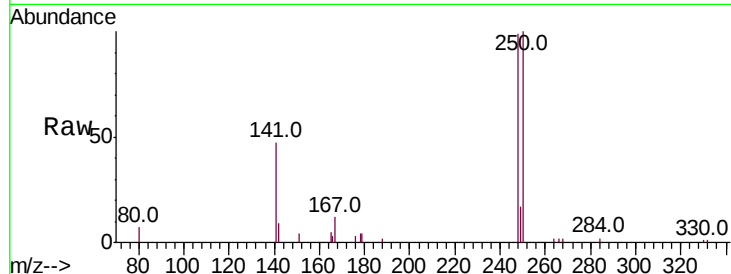




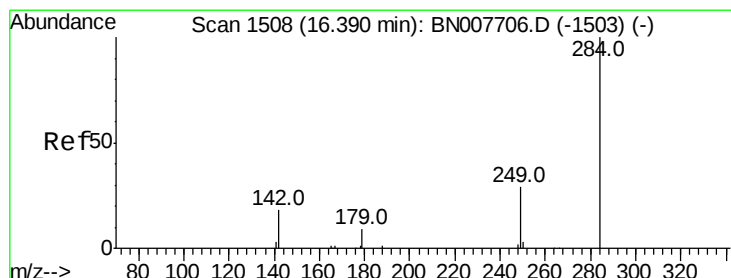
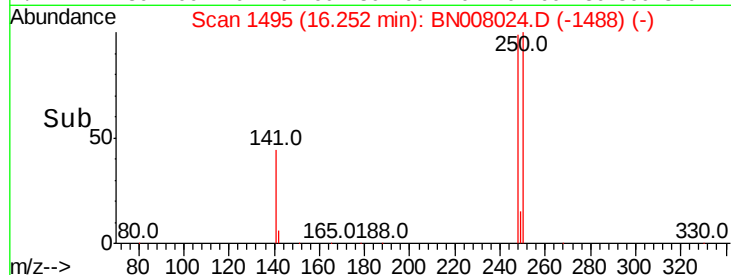
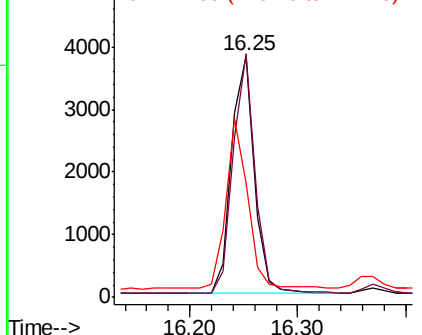
#20
4-Bromophenyl-phenylether
Concen: 0.430 ng
RT: 16.25 min Scan# 1495
Delta R.T. -0.02 min
Lab File: BN008024.D
Acq: 05 Oct 2019 14:05

Instrument :
BNA_N
ClientSampleId :
PB123460BS

Tot Ion:248 Resp: 5597
Ion Ratio Lower Upper
248 100
250 100.9 82.2 123.4
141 47.6 36.3 54.5

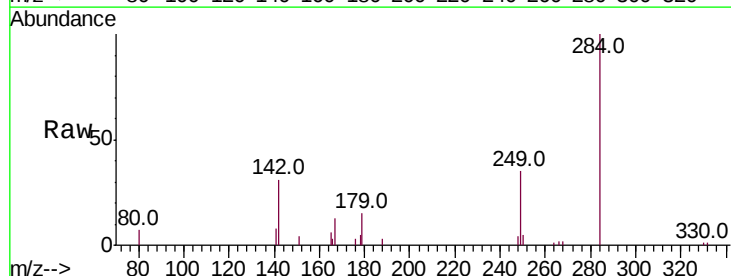


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

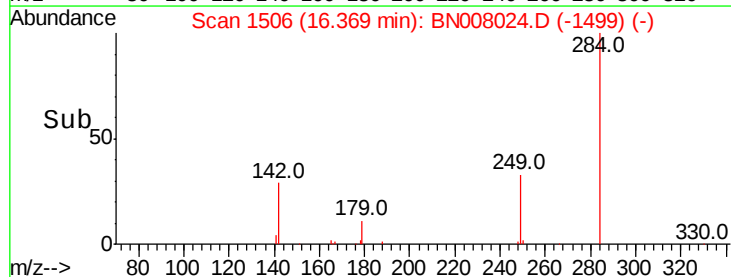
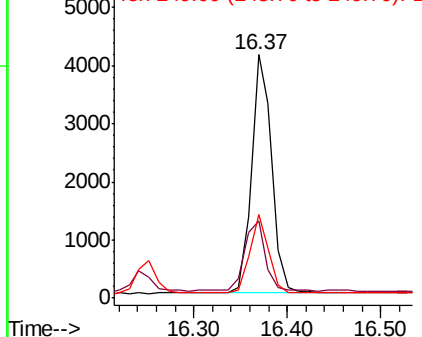


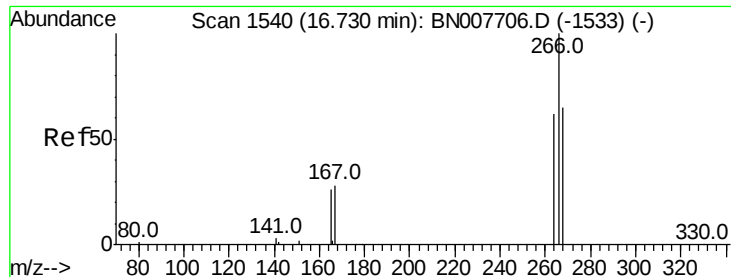
#21
Hexachlorobenzene
Concen: 0.436 ng
RT: 16.37 min Scan# 1506
Delta R.T. -0.02 min
Lab File: BN008024.D
Acq: 05 Oct 2019 14:05

Tgt Ion:284 Resp: 6208
Ion Ratio Lower Upper
284 100
142 29.4 25.8 38.6
249 31.1 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: 0.418 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN008024.D

Acq: 05 Oct 2019 14:05

Instrument :

BNA_N

ClientSampleId :

PB123460BS

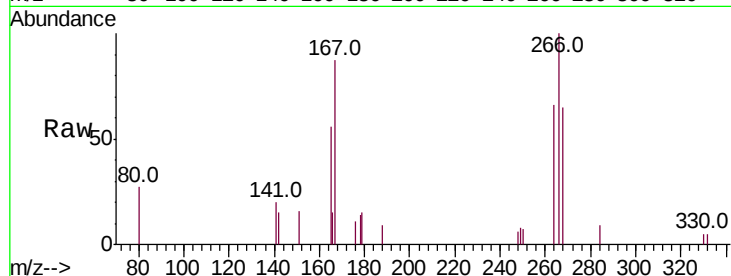
Tot Ion:266 Resp: 2196

Ion Ratio Lower Upper

266 100

264 66.3 50.0 75.0

268 65.0 54.2 81.4

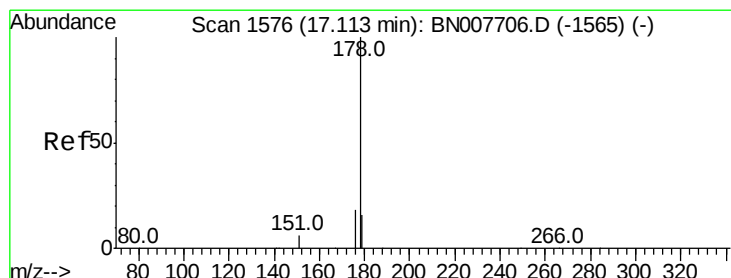
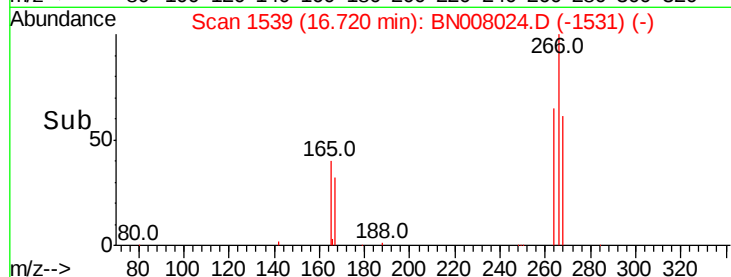
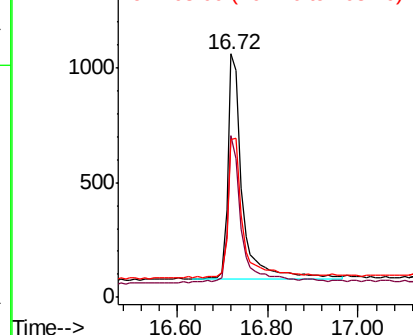


Abundance

Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#23

Phenanthrene

Concen: 0.402 ng

RT: 17.09 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BN008024.D

Acq: 05 Oct 2019 14:05

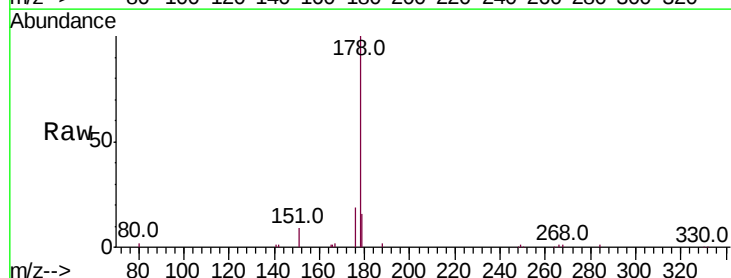
Tgt Ion:178 Resp: 26884

Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

179 15.6 12.5 18.7

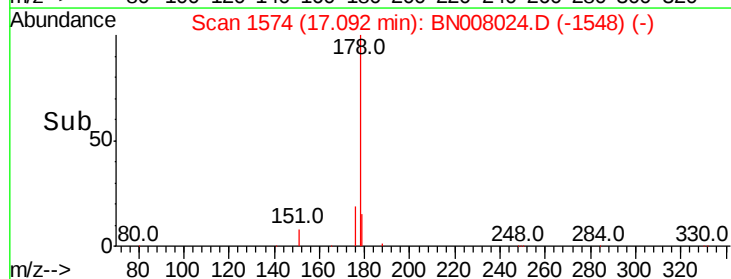
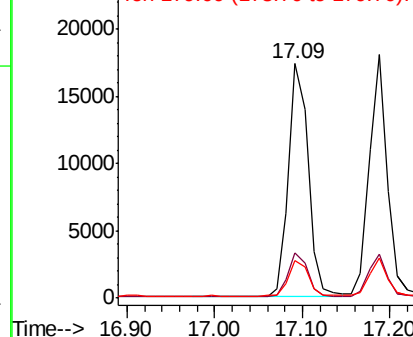


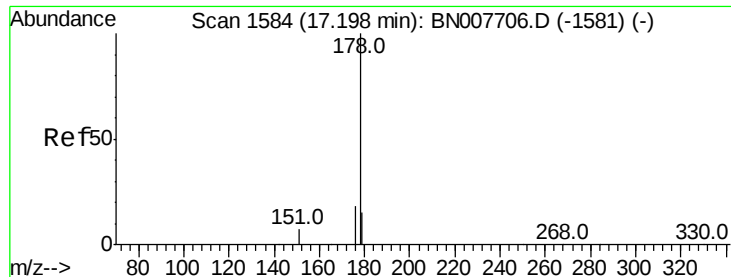
Abundance

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

Anthracene

Concen: 0.431 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN008024.D

Acq: 05 Oct 2019 14:05

Instrument :

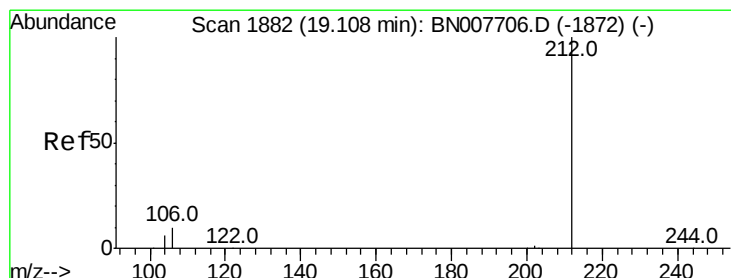
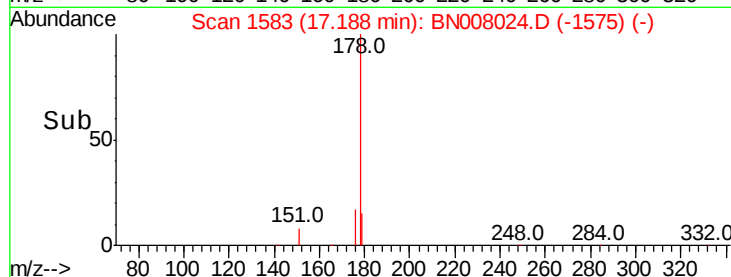
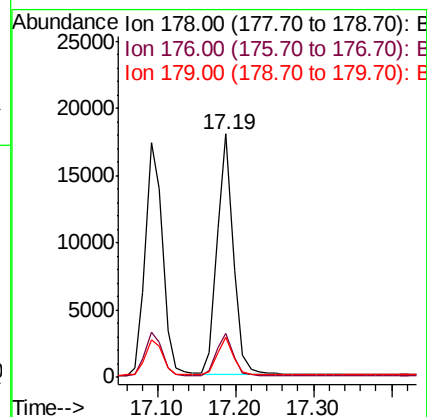
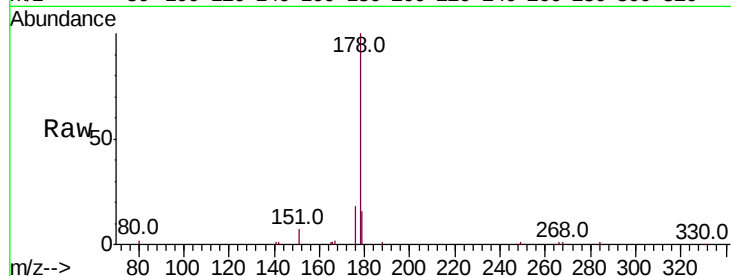
BNA_N

ClientSampleId :

PB123460BS

Tot Ion:178 Resp: 26030

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.6	21.8
179	15.5	12.2	18.4



#25

Fluoranthene-d10

Concen: 0.405 ng

RT: 19.09 min Scan# 1878

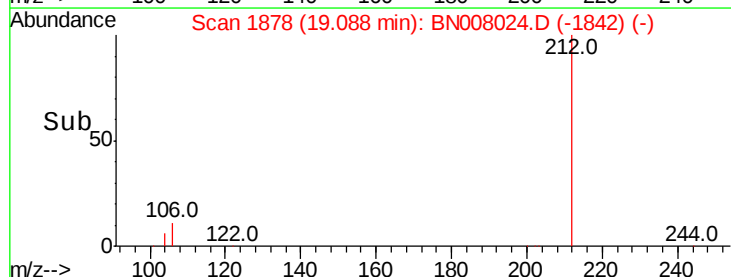
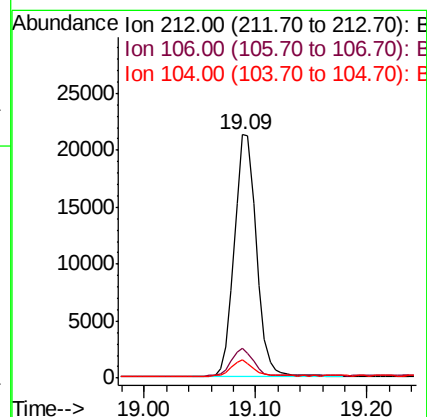
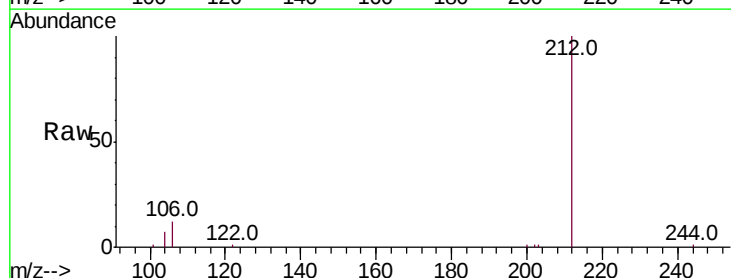
Delta R.T. -0.02 min

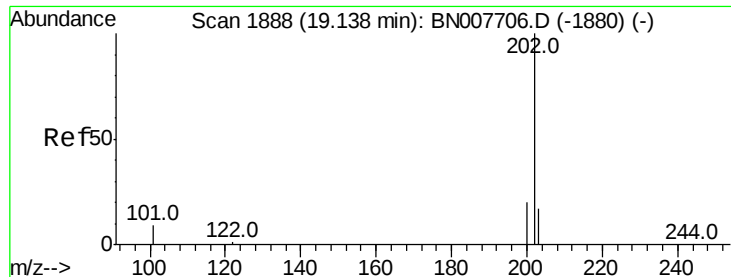
Lab File: BN008024.D

Acq: 05 Oct 2019 14:05

Tgt Ion:212 Resp: 29306

Ion	Ratio	Lower	Upper
212	100		
106	11.2	9.4	14.0
104	6.5	5.3	7.9

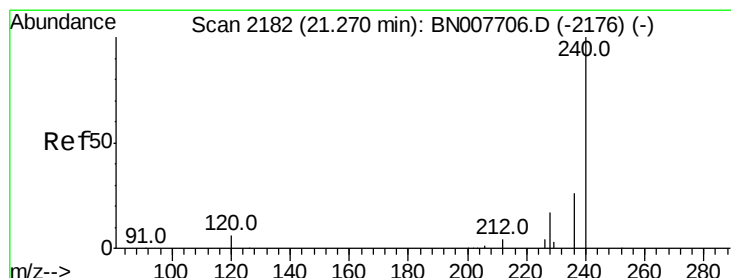
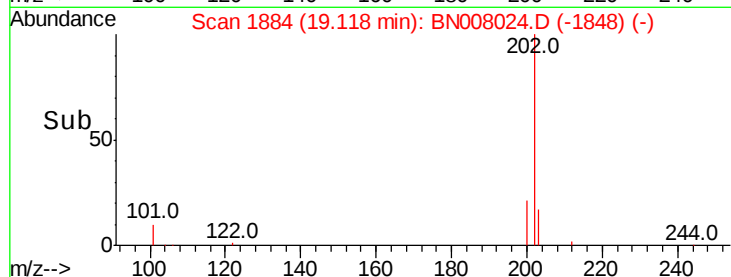
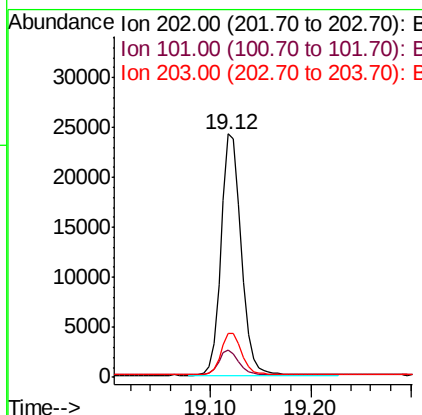
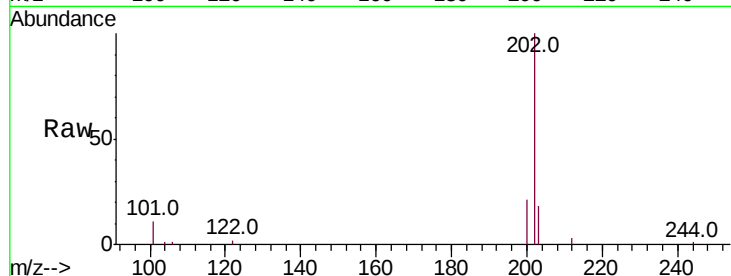




#26
 Fluoranthene
 Concen: 0.406 ng
 RT: 19.12 min Scan# 1884
 Delta R.T. -0.02 min
 Lab File: BN008024.D
 Acq: 05 Oct 2019 14:05

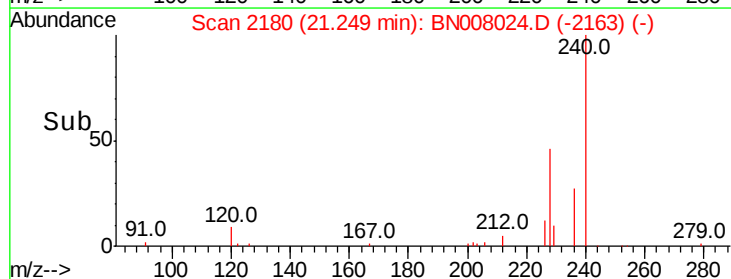
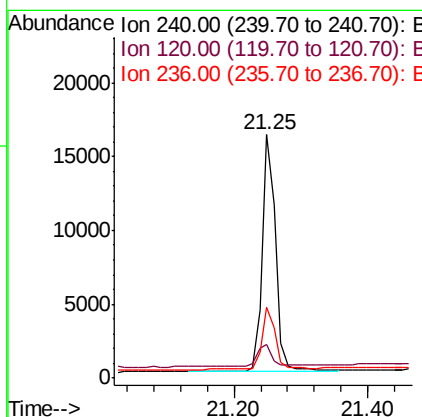
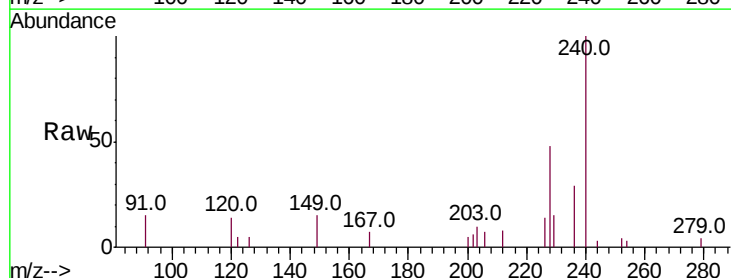
Instrument :
 BNA_N
 ClientSampleId :
 PB123460BS

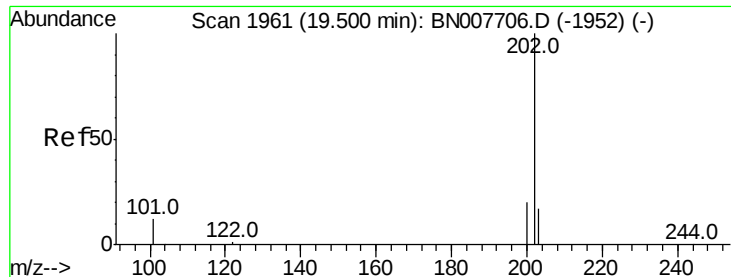
Tot Ion:202 Resp: 33738
 Ion Ratio Lower Upper
 202 100
 101 9.9 8.4 12.6
 203 17.3 13.8 20.8



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.25 min Scan# 2180
 Delta R.T. -0.02 min
 Lab File: BN008024.D
 Acq: 05 Oct 2019 14:05

Tgt Ion:240 Resp: 22479
 Ion Ratio Lower Upper
 240 100
 120 13.7 5.4 8.2#
 236 29.1 21.0 31.4





#28

Pvrene

Concen: 0.456 ng

RT: 19.49 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BN008024.D

Acq: 05 Oct 2019 14:05

Instrument :

BNA_N

ClientSampleId :

PB123460BS

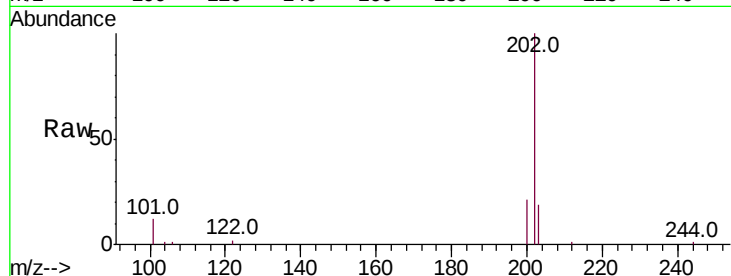
Tot Ion:202 Resp: 34980

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

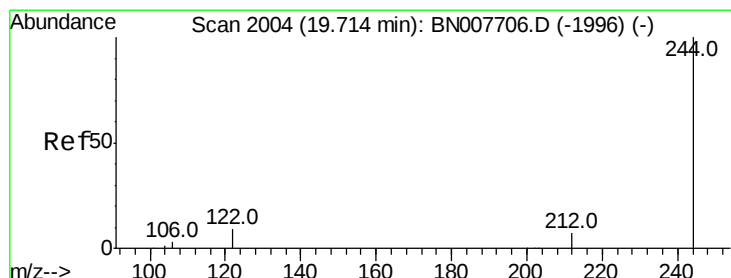
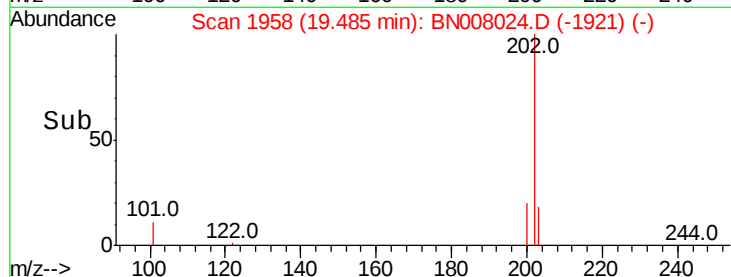
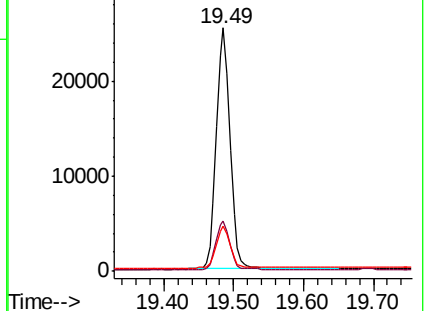
203 17.7 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.449 ng

RT: 19.69 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BN008024.D

Acq: 05 Oct 2019 14:05

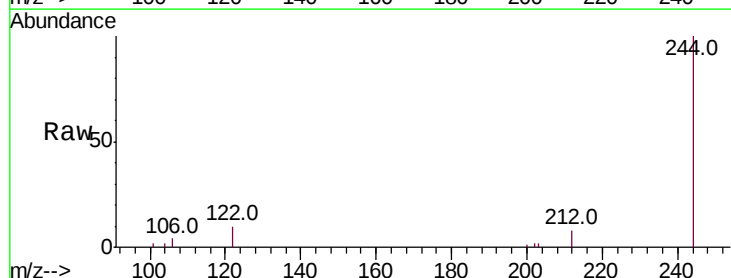
Tgt Ion:244 Resp: 24788

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

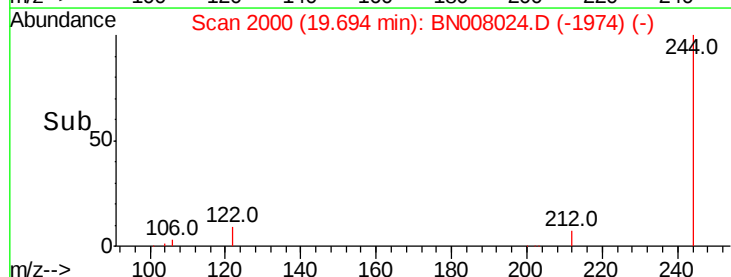
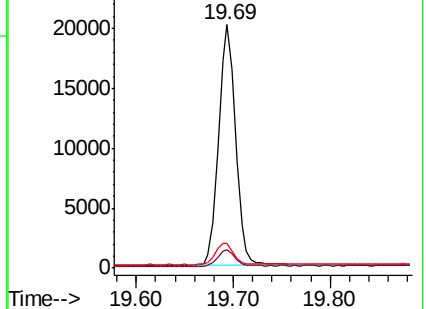
122 10.1 7.4 11.2

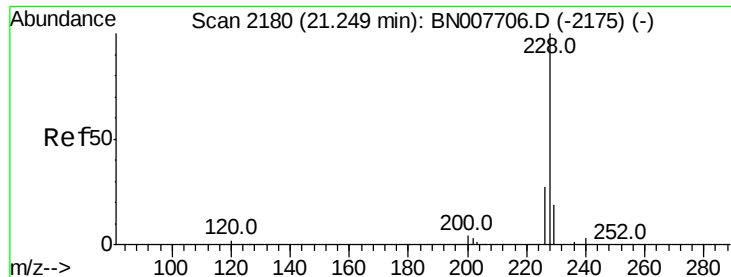


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.417 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN008024.D

Acq: 05 Oct 2019 14:05

Instrument :

BNA_N

ClientSampleId :

PB123460BS

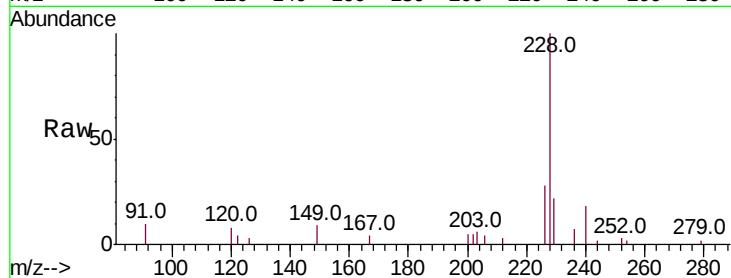
Tot Ion:228 Resp: 34511

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

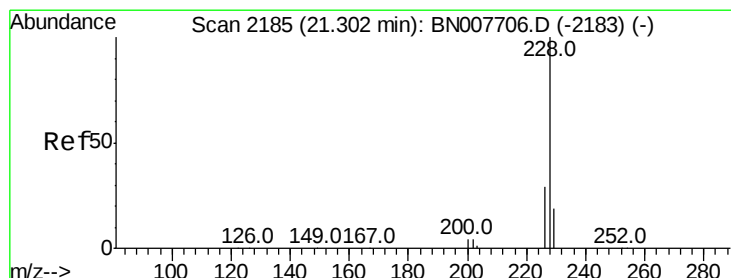
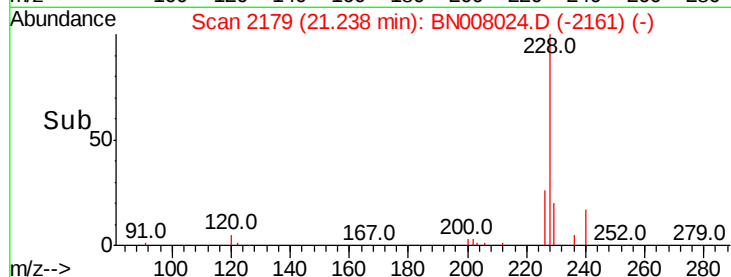
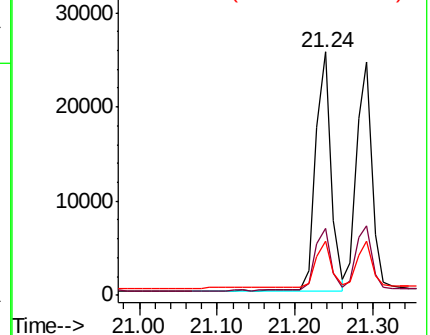
229 22.5 15.8 23.6



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

Chrysene

Concen: 0.414 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN008024.D

Acq: 05 Oct 2019 14:05

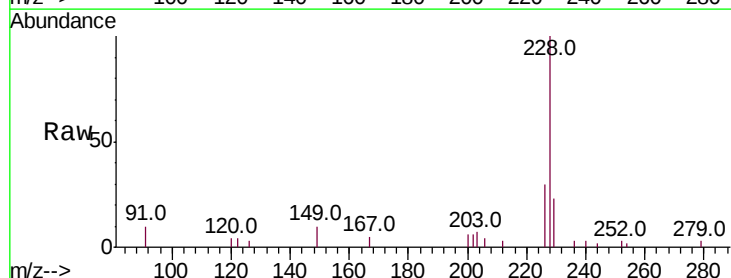
Tgt Ion:228 Resp: 33391

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

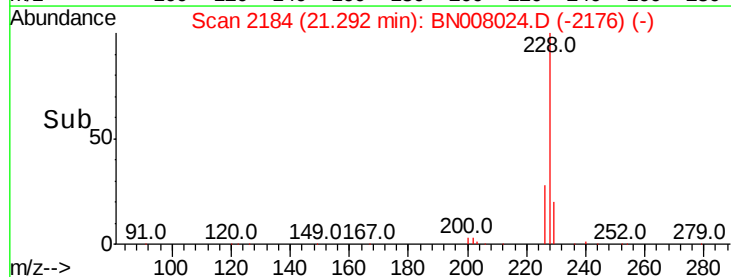
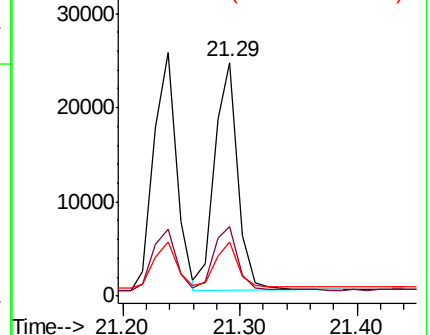
229 23.0 15.8 23.6

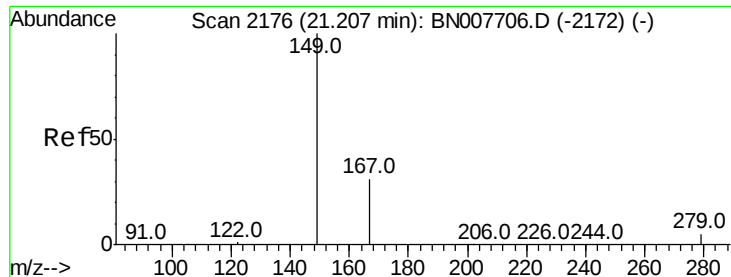


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.511 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.03 min

Lab File: BN008024.D

Acq: 05 Oct 2019 14:05

Instrument :

BNA_N

ClientSampleId :

PB123460BS

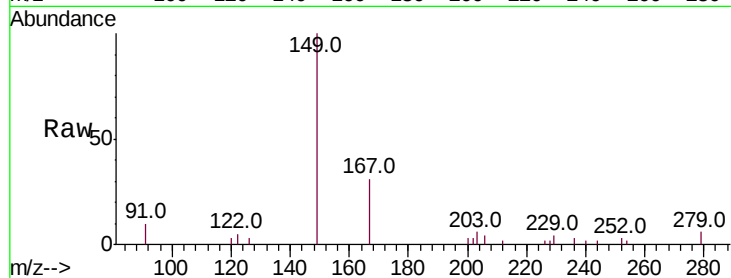
Tot Ion:149 Resp: 21767

Ion Ratio Lower Upper

149 100

167 28.9 23.7 35.5

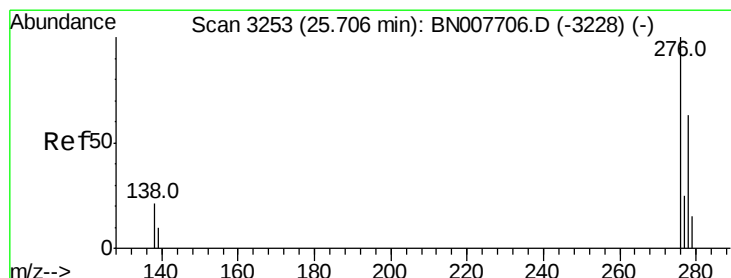
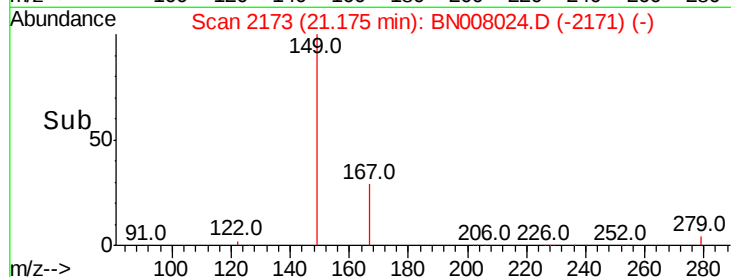
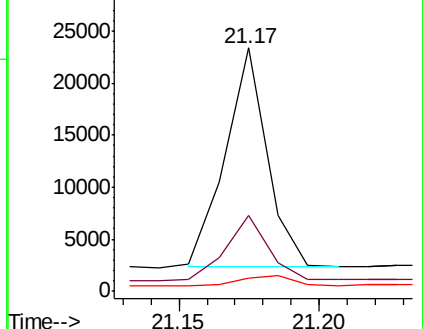
279 5.6 4.2 6.2



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: 0.376 ng

RT: 25.68 min Scan# 3246

Delta R.T. -0.02 min

Lab File: BN008024.D

Acq: 05 Oct 2019 14:05

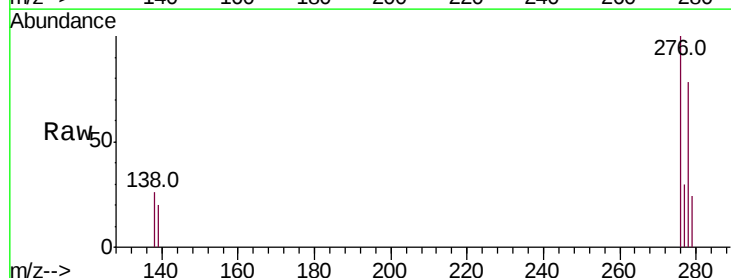
Tgt Ion:276 Resp: 37934

Ion Ratio Lower Upper

276 100

138 19.4 17.1 25.7

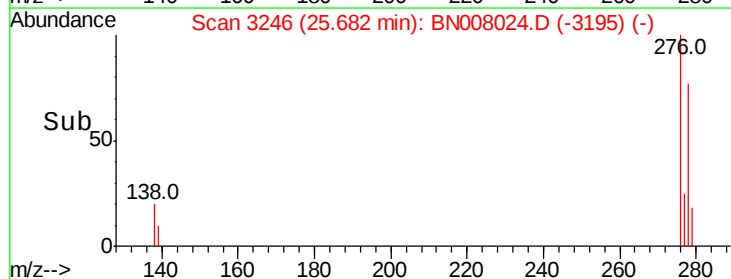
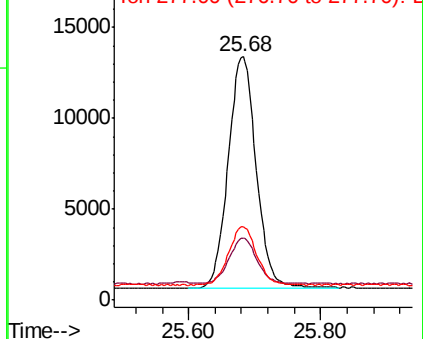
277 25.0 20.0 30.0

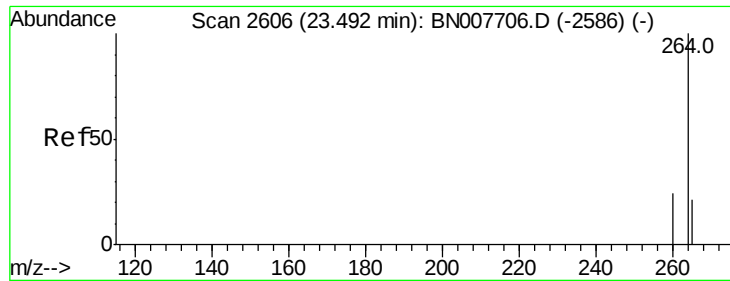


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

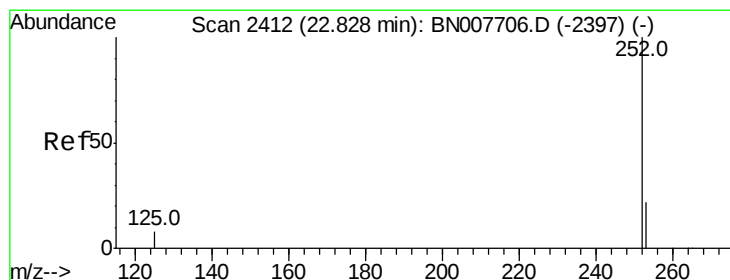
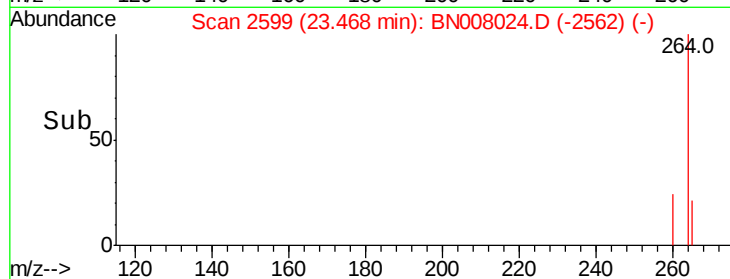
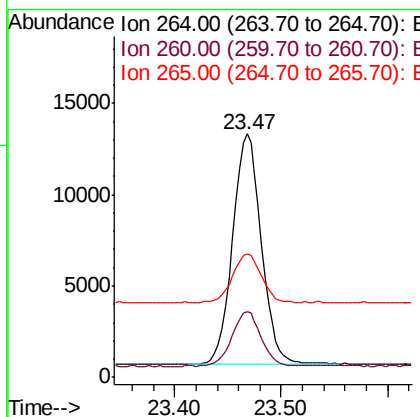
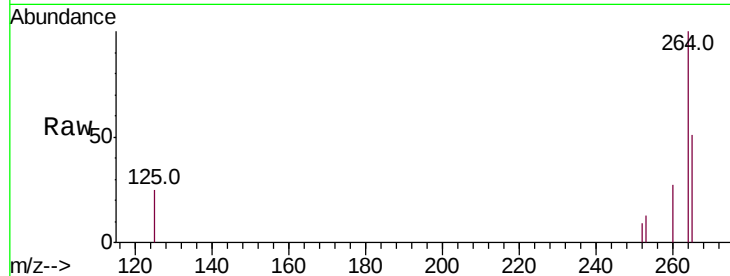




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2599
Delta R.T. -0.02 min
Lab File: BN008024.D
Acq: 05 Oct 2019 14:05

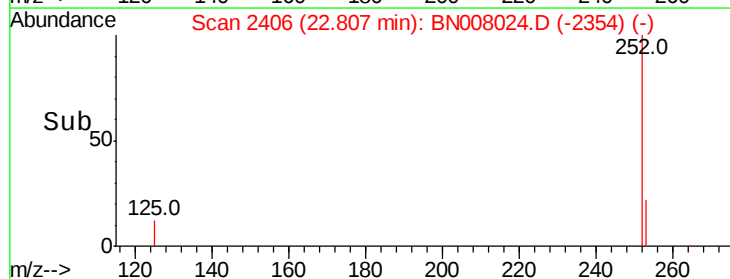
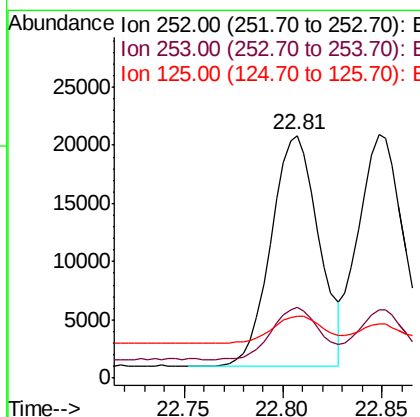
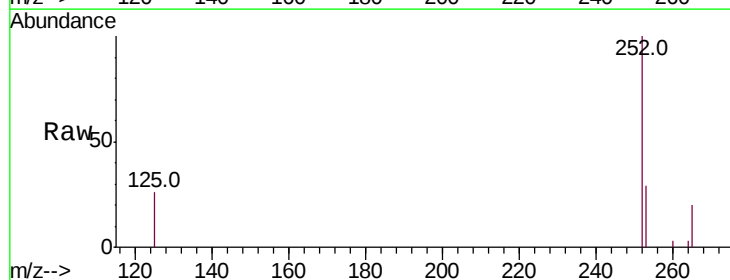
Instrument :
BNA_N
ClientSampleId :
PB123460BS

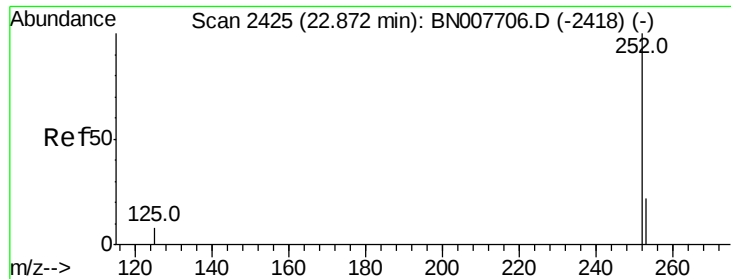
Tot Ion:264 Resp: 23754
Ion Ratio Lower Upper
264 100
260 27.1 19.3 28.9
265 50.8 26.9 40.3#



#35
Benzo(b)fluoranthene
Concen: 0.403 ng
RT: 22.81 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BN008024.D
Acq: 05 Oct 2019 14:05

Tgt Ion:252 Resp: 33243
Ion Ratio Lower Upper
252 100
253 29.0 18.3 27.5#
125 25.7 8.2 12.4#

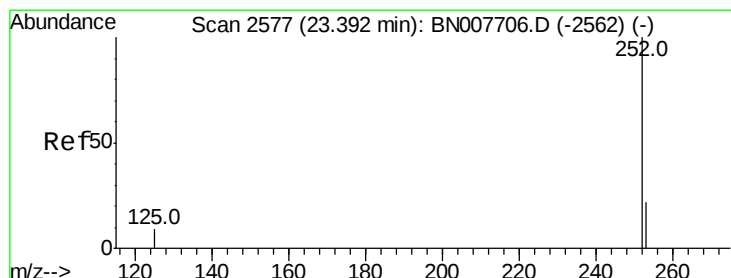
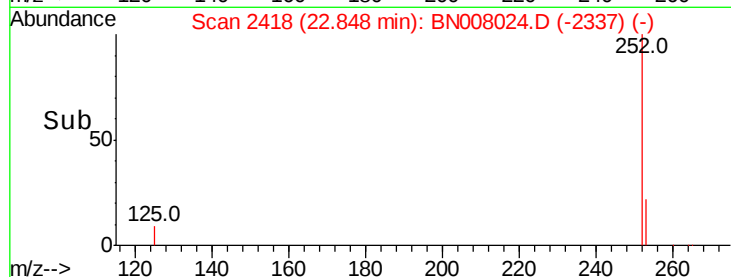
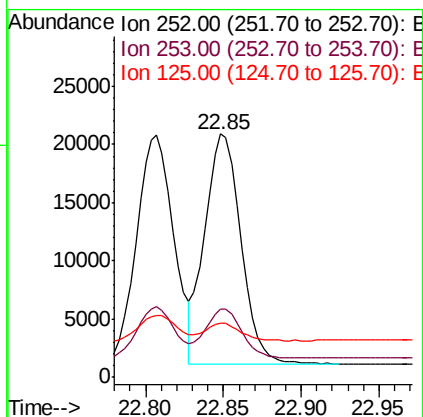
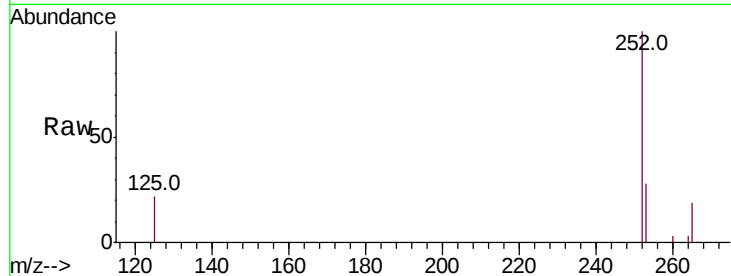




#36
Benzo(k)fluoranthene
Concen: 0.393 ng
RT: 22.85 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BN008024.D
Acq: 05 Oct 2019 14:05

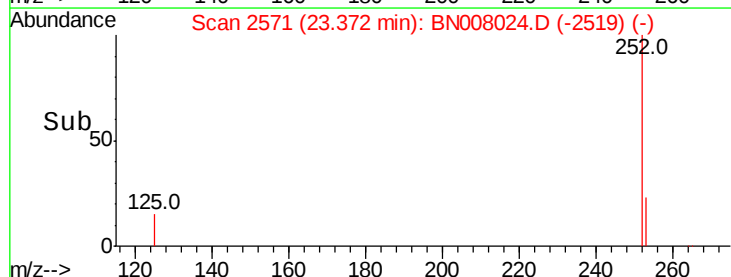
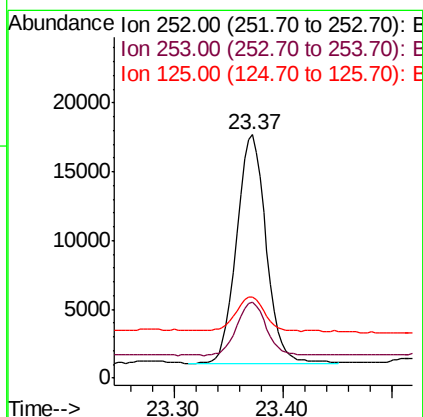
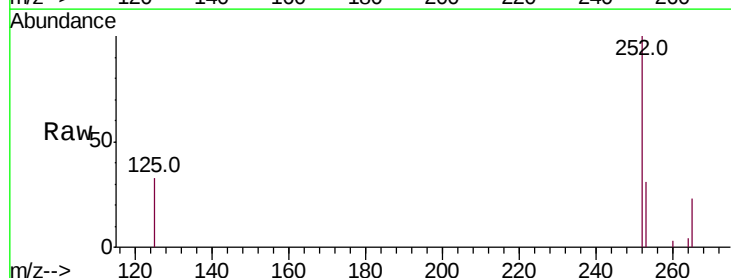
Instrument :
BNA_N
ClientSampleId :
PB123460BS

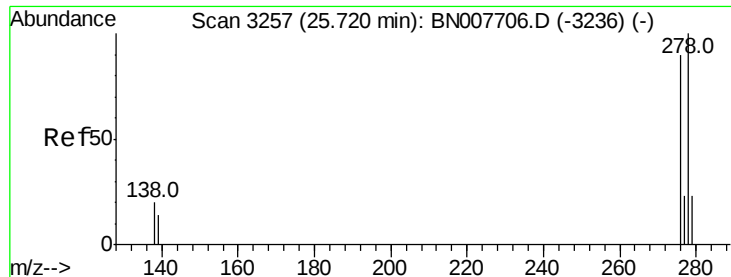
Tot Ion:252 Resp: 32084
Ion Ratio Lower Upper
252 100
253 28.2 18.5 27.7#
125 22.4 8.4 12.6#



#37
Benzo(a)pyrene
Concen: 0.401 ng
RT: 23.37 min Scan# 2571
Delta R.T. -0.02 min
Lab File: BN008024.D
Acq: 05 Oct 2019 14:05

Tgt Ion:252 Resp: 31041
Ion Ratio Lower Upper
252 100
253 31.0 18.6 27.8#
125 33.4 9.4 14.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.389 ng

RT: 25.69 min Scan# 3248

Delta R.T. -0.03 min

Lab File: BN008024.D

Acq: 05 Oct 2019 14:05

Instrument :

BNA_N

ClientSampleId :

PB123460BS

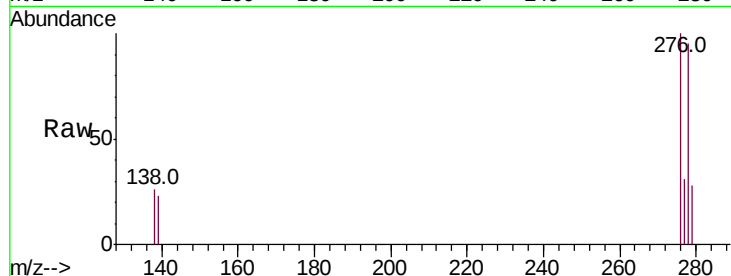
Tot Ion:278 Resp: 30850

Ion Ratio Lower Upper

278 100

139 23.8 11.8 17.6#

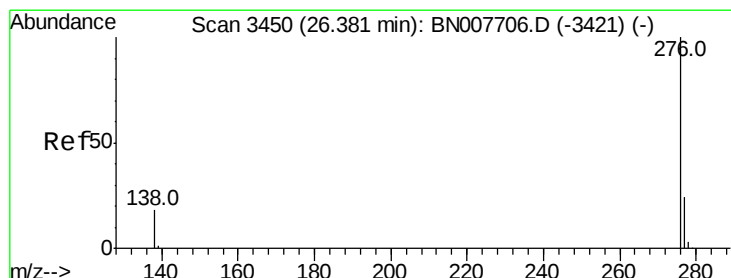
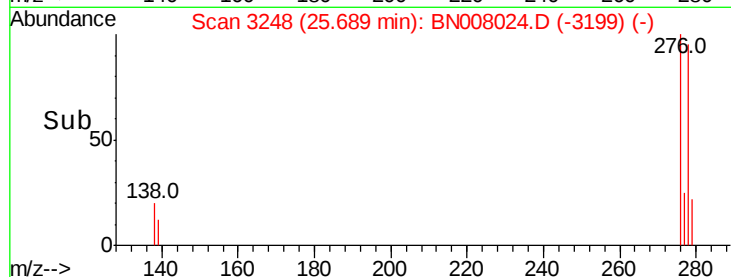
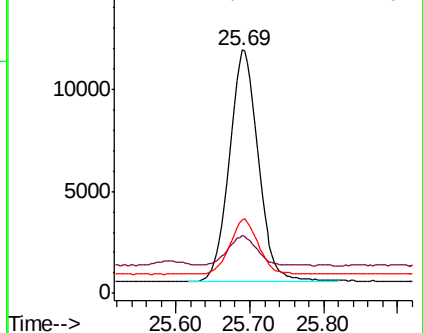
279 29.9 19.4 29.2#



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: 0.393 ng

RT: 26.36 min Scan# 3443

Delta R.T. -0.02 min

Lab File: BN008024.D

Acq: 05 Oct 2019 14:05

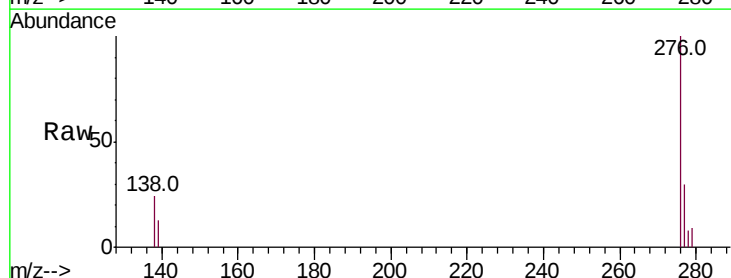
Tgt Ion:276 Resp: 30873

Ion Ratio Lower Upper

276 100

277 29.7 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

