

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
 Data File : BN010267.D
 Acq On : 18 Mar 2020 17:20
 Operator : CG/JU
 Sample : PB127606BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 19 01:13:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 02:17:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3594	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	12490	0.40	ng	-0.01
13) Acenaphthene-d10	14.25	164	7658	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	18553	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	18638	0.40	ng	-0.01
34) Perylene-d12	23.35	264	19749	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.26	112	2744	0.33	ng	0.00
5) Phenol-d6	6.81	99	3482	0.33	ng	0.00
8) Nitrobenzene-d5	8.76	82	2942	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	7869	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.73	330	1004	0.37	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	11996	0.44	ng	-0.01
25) Fluoranthene-d10	19.02	212	21121	0.37	ng	-0.01
29) Terphenyl-d14	19.63	244	16670	0.39	ng	-0.02

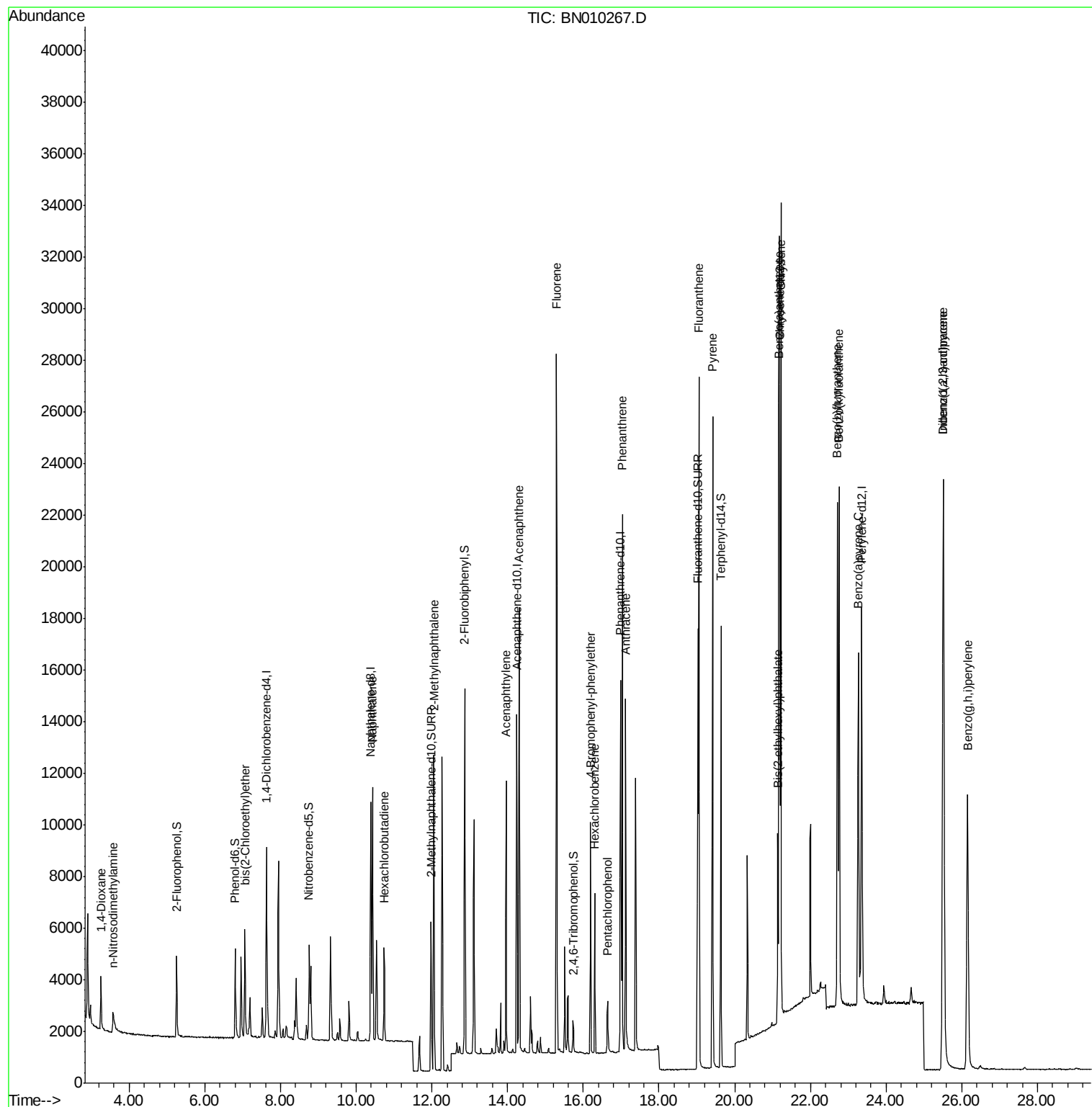
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	1369	0.390	ng	# 54
3) n-Nitrosodimethylamine	3.57	42	928	0.299	ng	# 36
6) bis(2-Chloroethyl)ether	7.06	93	3360	0.382	ng	96
9) Naphthalene	10.43	128	12472	0.399	ng	96
10) Hexachlorobutadiene	10.73	225	3075	0.427	ng	# 96
12) 2-Methylnaphthalene	12.05	142	8614	0.383	ng	96
16) Acenaphthylene	13.96	152	11429	0.323	ng	100
17) Acenaphthene	14.30	154	8534	0.398	ng	97
18) Fluorene	15.29	166	11272	0.386	ng	100
20) 4-Bromophenyl-phenylether	16.19	248	4297	0.403	ng	# 89
21) Hexachlorobenzene	16.31	284	4698	0.452	ng	99
22) Pentachlorophenol	16.65	266	1160	0.361	ng	89
23) Phenanthrene	17.03	178	20013	0.407	ng	100
24) Anthracene	17.11	178	16295	0.332	ng	99
26) Fluoranthene	19.05	202	23828	0.382	ng	99
28) Pyrene	19.42	202	23663	0.380	ng	99
30) Benzo(a)anthracene	21.16	228	21633	0.341	ng	98
31) Chrysene	21.22	228	25241	0.405	ng	98
32) Bis(2-ethylhexyl)phthalate	21.13	149	5751	0.213	ng	# 96
33) Indeno(1,2,3-cd)pyrene	25.50	276	28797	0.389	ng	98
35) Benzo(b)fluoranthene	22.71	252	24583	0.405	ng	99
36) Benzo(k)fluoranthene	22.76	252	25583	0.417	ng	99
37) Benzo(a)pyrene	23.26	252	20518	0.358	ng	98
38) Dibenzo(a,h)anthracene	25.52	278	23542	0.410	ng	98
39) Benzo(g,h,i)perylene	26.15	276	22949	0.400	ng	97

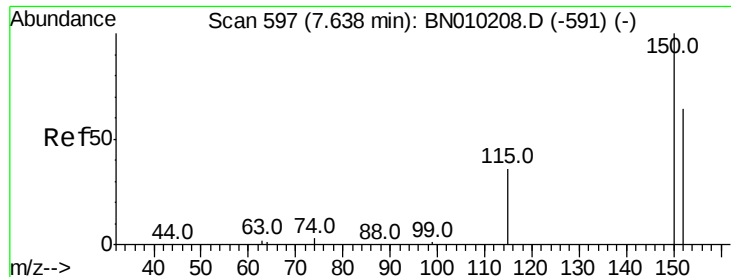
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.63 min Scan# 596

Delta R.T. -0.01 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

Instrument :

BNA_N

ClientSampleId :

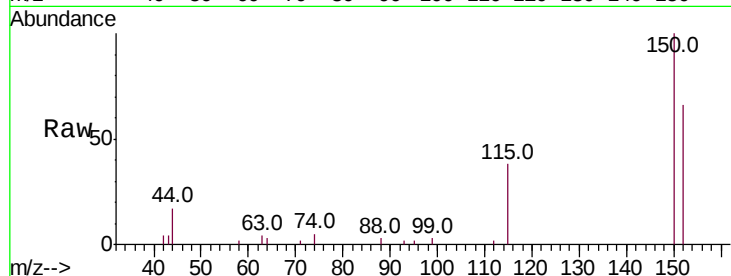
Tot Ion:152 Resp: 3594

Ion Ratio Lower Upper

152 100

150 152.2 119.5 179.3

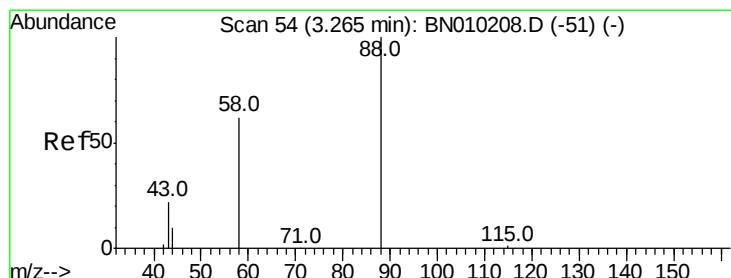
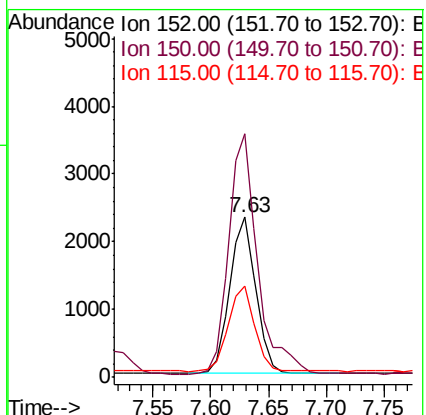
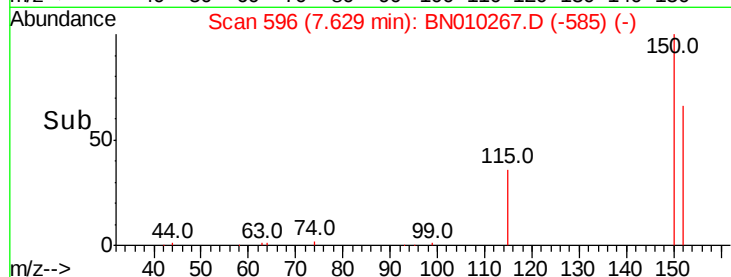
115 57.1 50.9 76.3



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: 0.390 ng

RT: 3.26 min Scan# 53

Delta R.T. -0.01 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

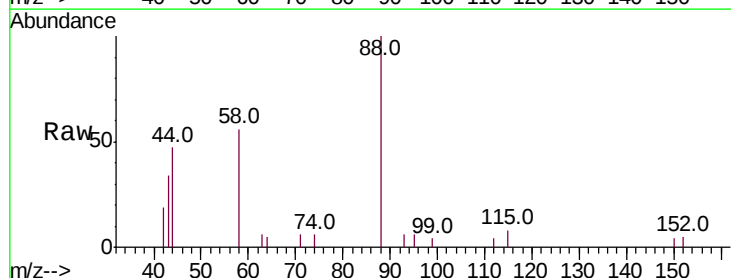
Tgt Ion: 88 Resp: 1369

Ion Ratio Lower Upper

88 100

58 66.8 97.8 146.8#

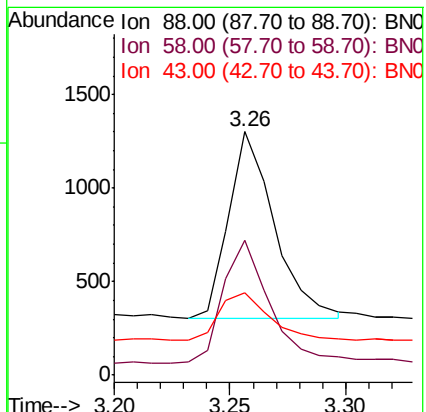
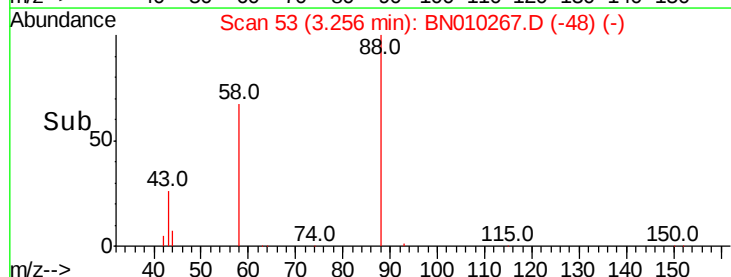
43 27.2 45.1 67.7#

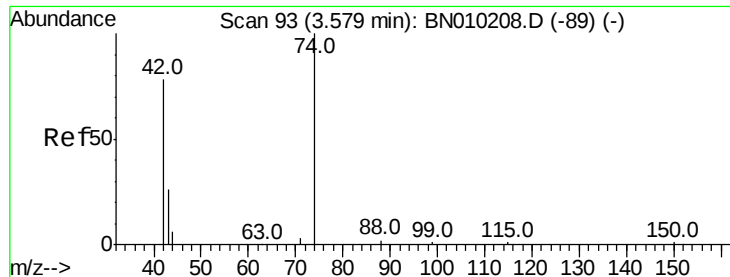


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.299 ng

RT: 3.57 min Scan# 92

Delta R.T. -0.01 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

Instrument :

BNA_N

ClientSampleId :

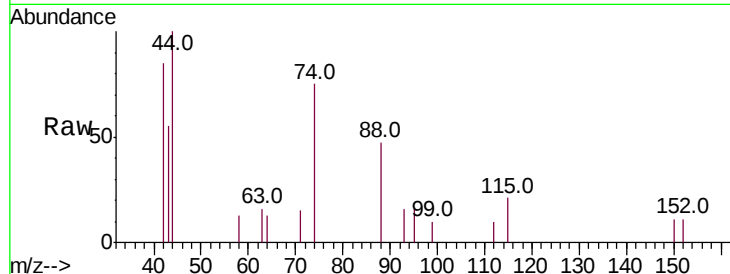
Tot Ion: 42 Resp: 928

Ion Ratio Lower Upper

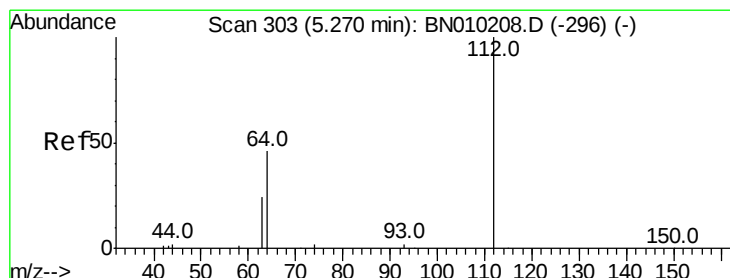
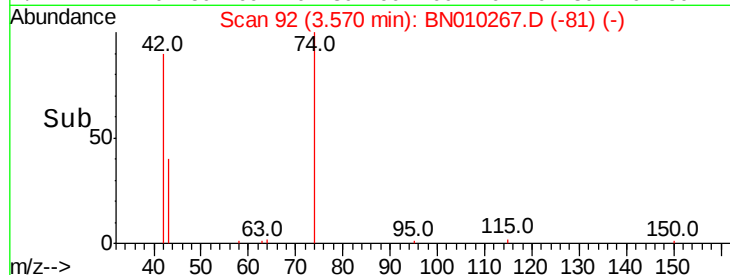
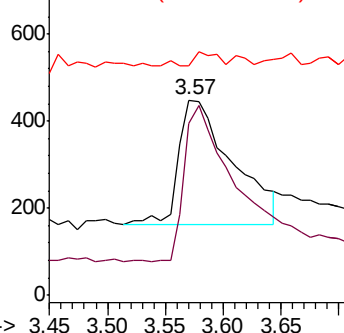
42 100

74 116.2 51.2 76.8#

44 5.2 2.6 4.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.325 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

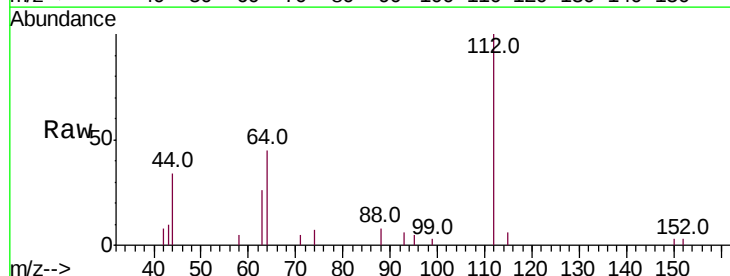
Tgt Ion: 112 Resp: 2744

Ion Ratio Lower Upper

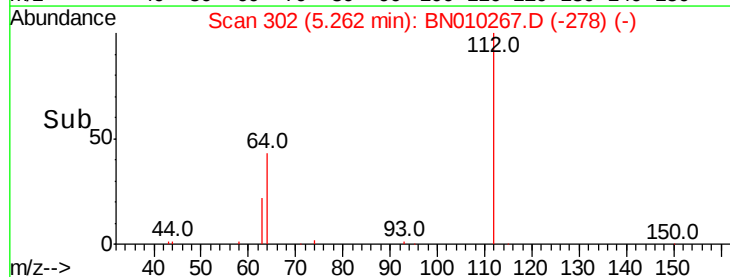
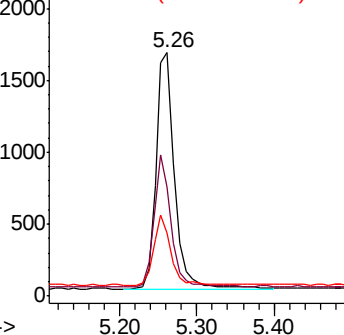
112 100

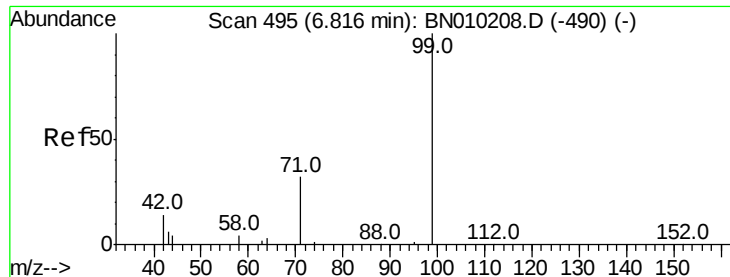
64 51.9 42.6 63.8

63 27.5 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BN0
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.330 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

Instrument :

BNA_N

ClientSampled :

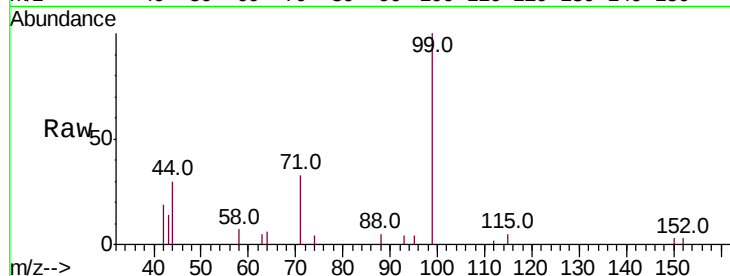
Tot Ion: 99 Resp: 3482

Ion Ratio Lower Upper

99 100

42 20.9 12.0 18.0#

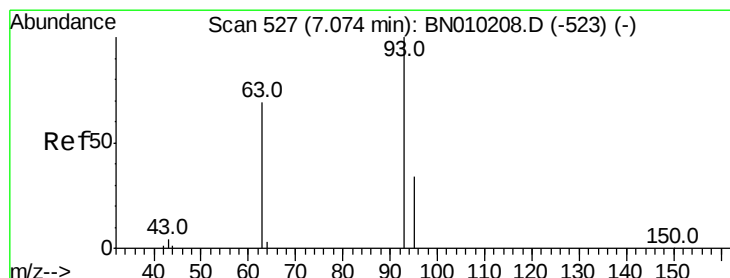
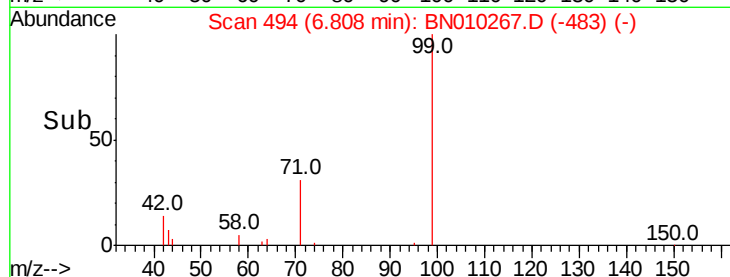
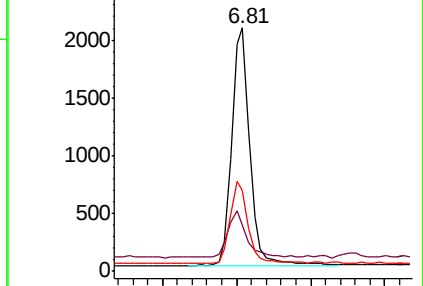
71 33.3 22.6 33.8



Abundance Ion 99.00 (98.70 to 99.70): BN010208.D (-490) (-)

Ion 42.00 (41.70 to 42.70): BN010208.D (-490) (-)

Ion 71.00 (70.70 to 71.70): BN010208.D (-490) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.382 ng

RT: 7.06 min Scan# 525

Delta R.T. -0.02 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

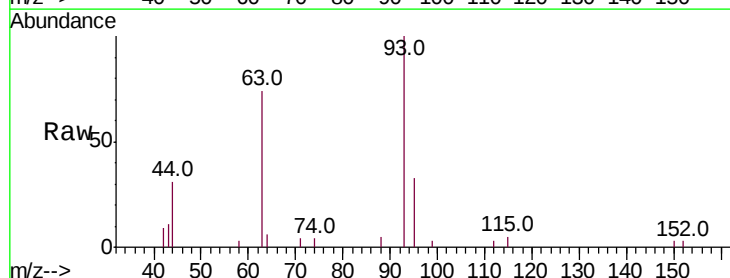
Tgt Ion: 93 Resp: 3360

Ion Ratio Lower Upper

93 100

63 70.1 53.4 80.0

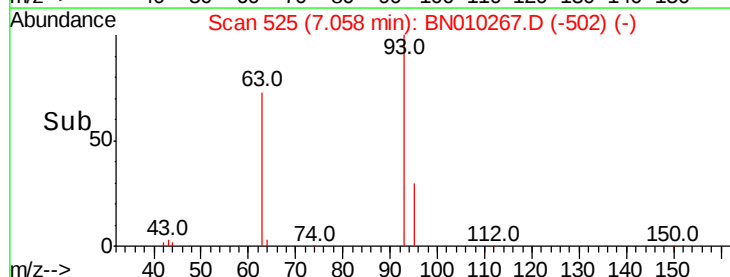
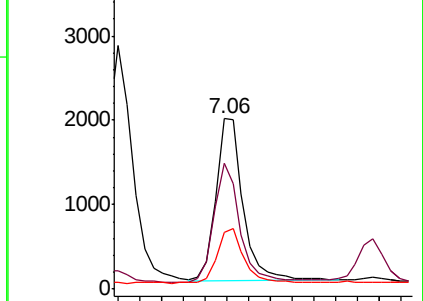
95 33.1 28.6 42.8

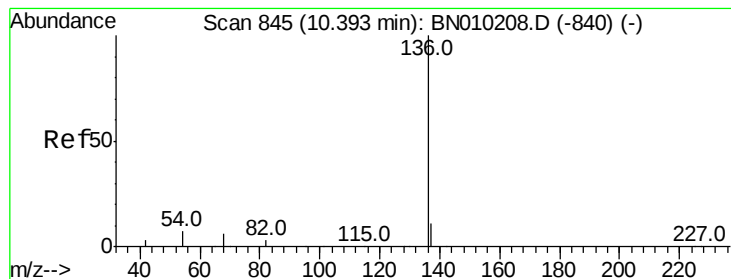


Abundance Ion 93.00 (92.70 to 93.70): BN010208.D (-523) (-)

Ion 63.00 (62.70 to 63.70): BN010208.D (-523) (-)

Ion 95.00 (94.70 to 95.70): BN010208.D (-523) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 12490

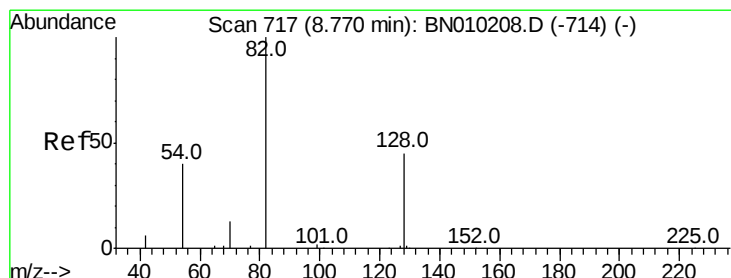
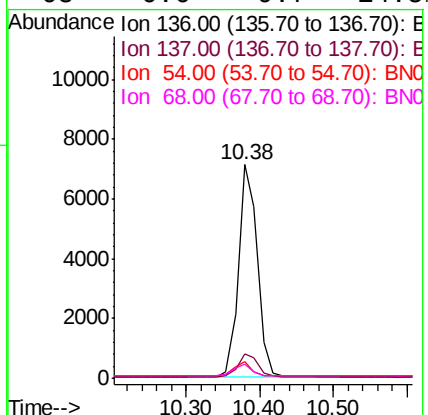
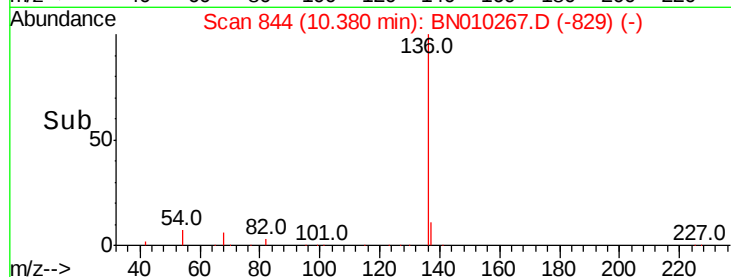
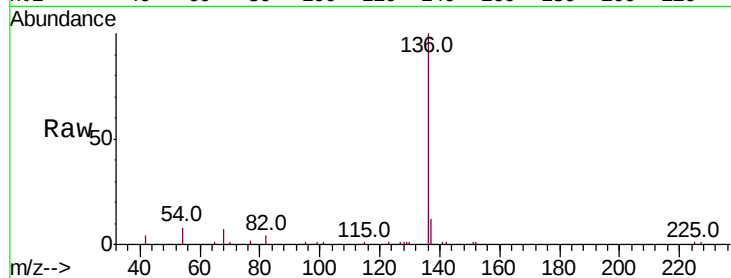
Ion Ratio Lower Upper

136 100

137 11.6 10.6 15.8

54 7.6 9.5 14.3#

68 6.6 9.7 14.5#



#8

Nitrobenzene-d5

Concen: 0.393 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

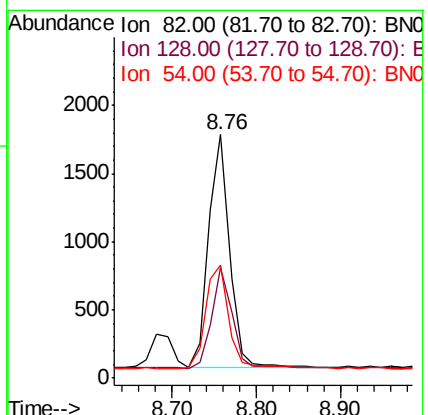
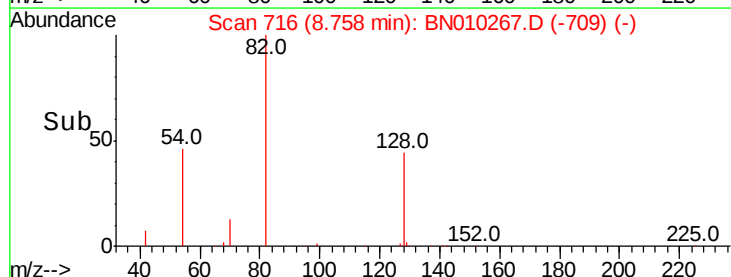
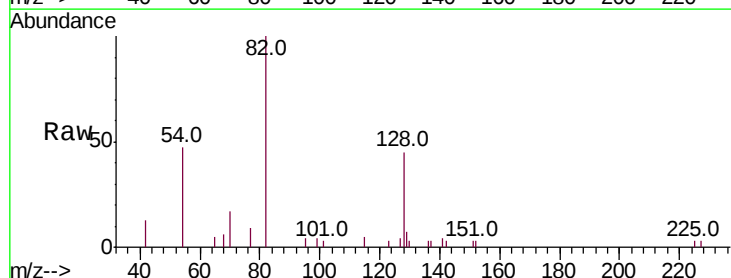
Tgt Ion: 82 Resp: 2942

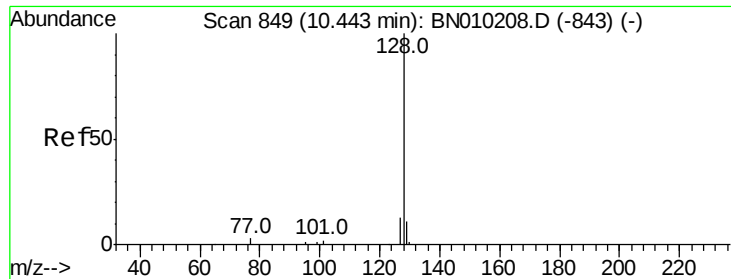
Ion Ratio Lower Upper

82 100

128 45.4 35.0 52.6

54 46.6 37.0 55.4





#9

Naphthalene

Concen: 0.399 ng

RT: 10.43 min Scan# 848

Delta R.T. -0.01 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

Instrument :

BNA_N

ClientSampleId :

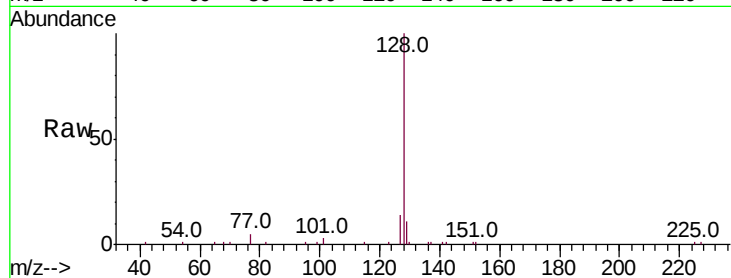
Tot Ion:128 Resp: 12472

Ion Ratio Lower Upper

128 100

129 11.4 10.5 15.7

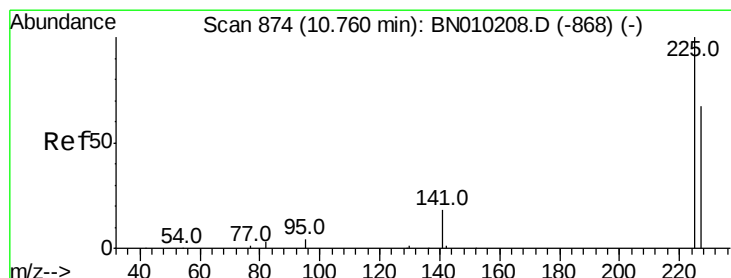
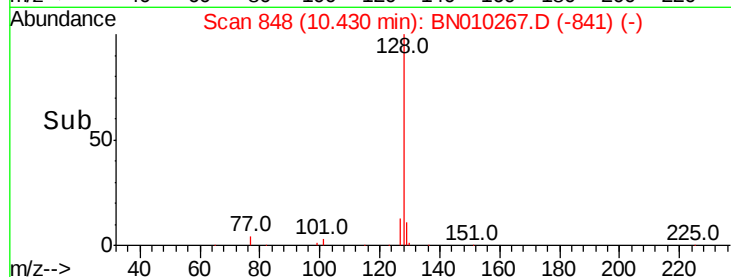
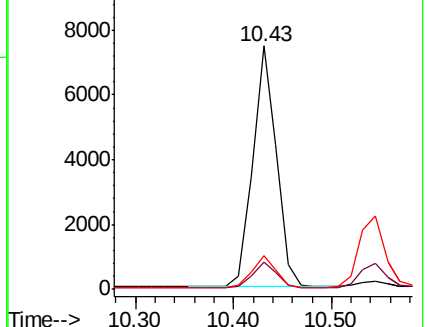
127 13.8 12.1 18.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.427 ng

RT: 10.73 min Scan# 872

Delta R.T. -0.03 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

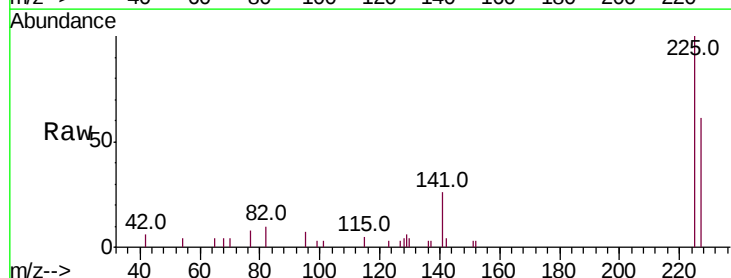
Tgt Ion:225 Resp: 3075

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

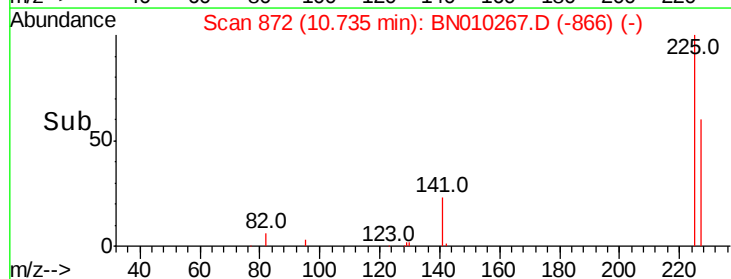
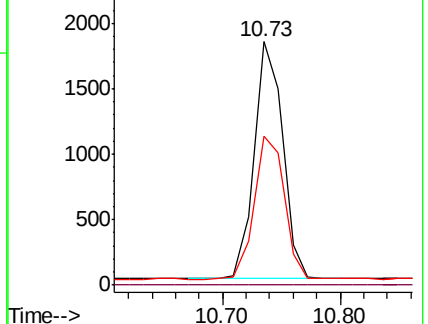
227 63.4 53.4 80.2

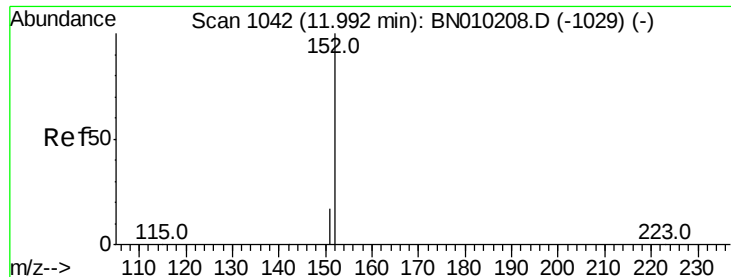


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

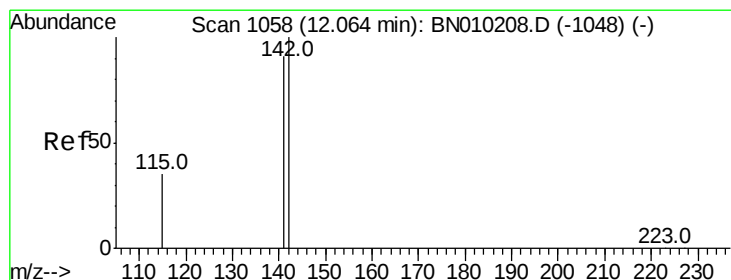
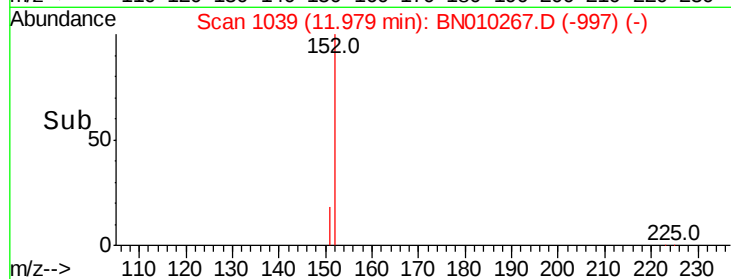
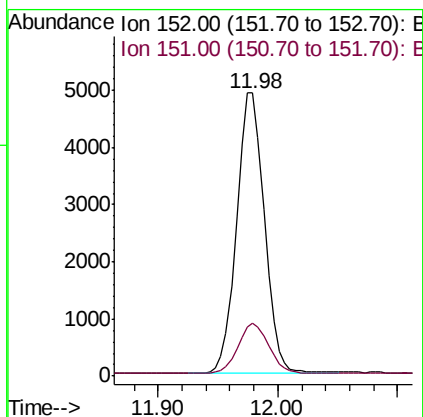
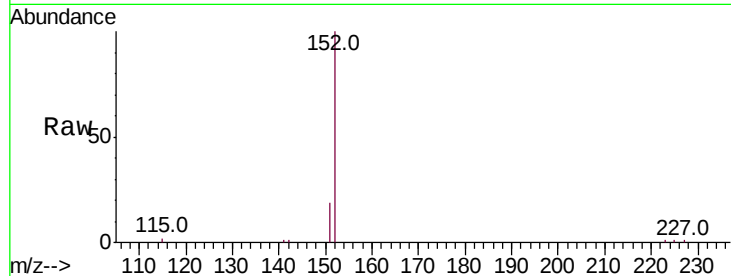




#11
 2-Methylnaphthalene-d10
 Concen: 0.381 ng
 RT: 11.98 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BN010267.D
 Acq: 18 Mar 2020 17:20

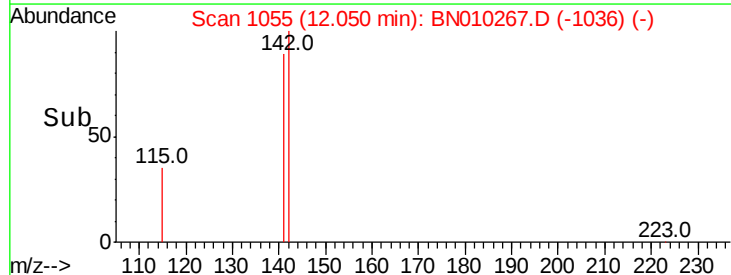
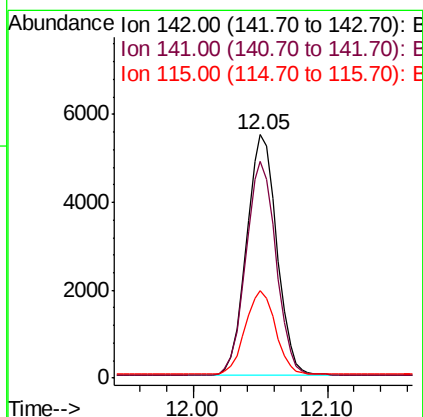
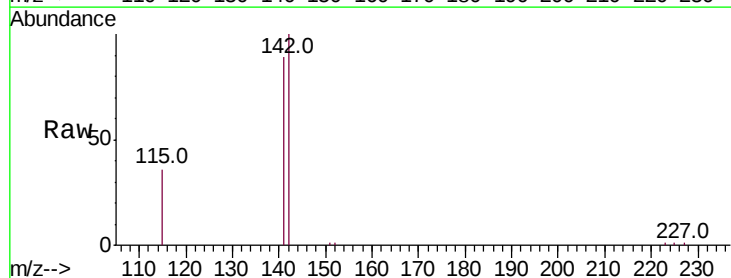
Instrument :
 BNA_N
 ClientSampled :

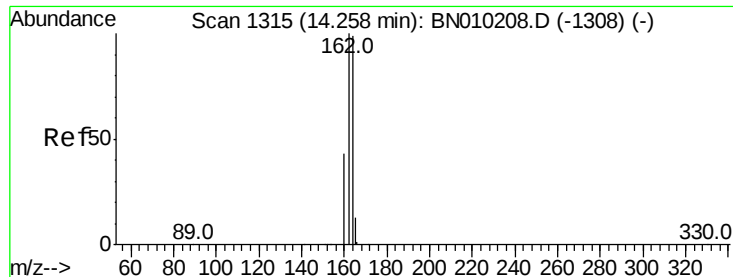
Tot Ion:152 Resp: 7869
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.383 ng
 RT: 12.05 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BN010267.D
 Acq: 18 Mar 2020 17:20

Tgt Ion:142 Resp: 8614
 Ion Ratio Lower Upper
 142 100
 141 88.9 73.7 110.5
 115 35.8 31.2 46.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.25 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

Instrument :

BNA_N

ClientSampleId :

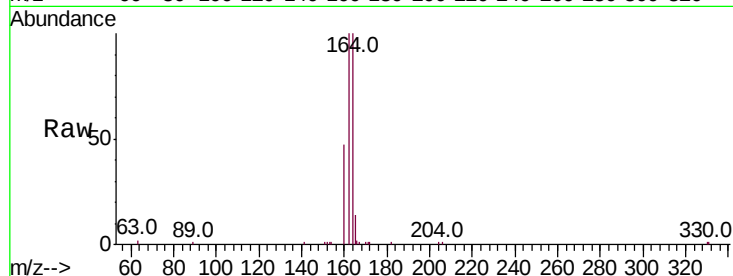
Tot Ion:164 Resp: 7658

Ion Ratio Lower Upper

164 100

162 99.9 81.0 121.4

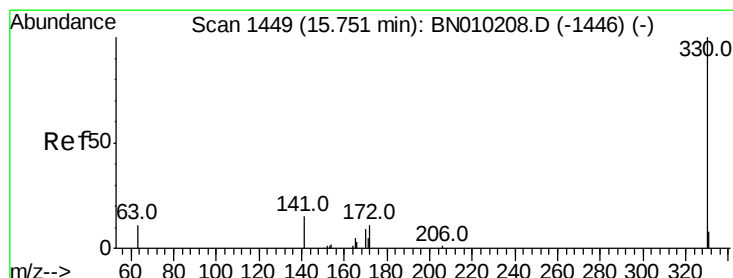
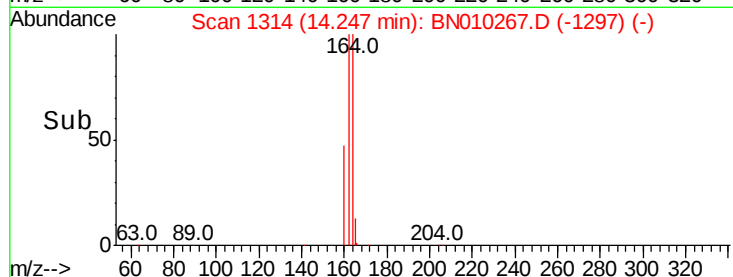
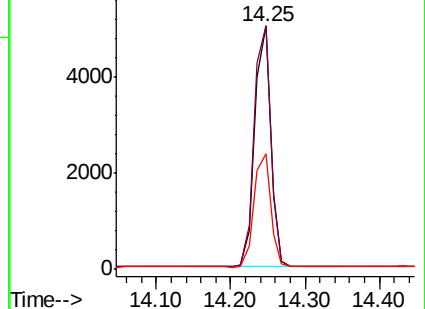
160 47.4 35.6 53.4



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



#14

2,4,6-Tribromophenol

Concen: 0.366 ng

RT: 15.73 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

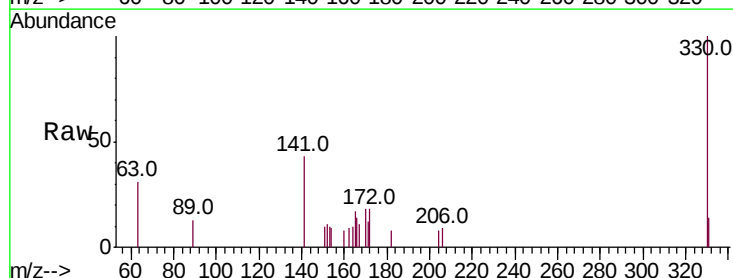
Tgt Ion:330 Resp: 1004

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

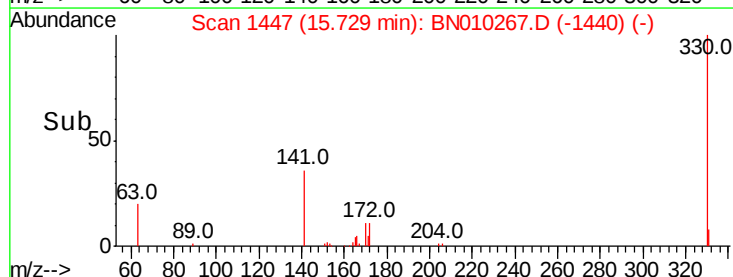
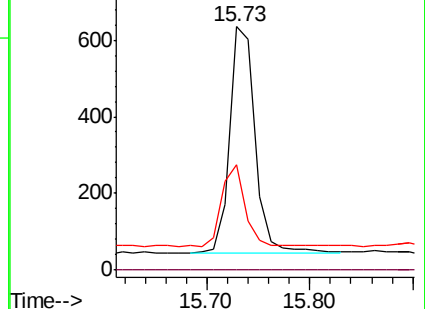
141 33.2 25.1 37.7

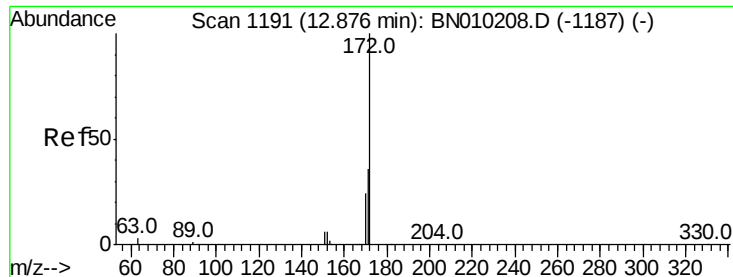


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

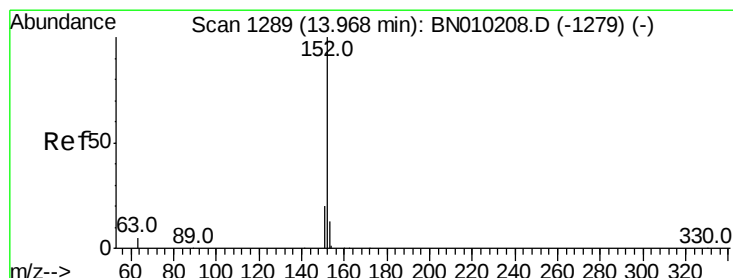
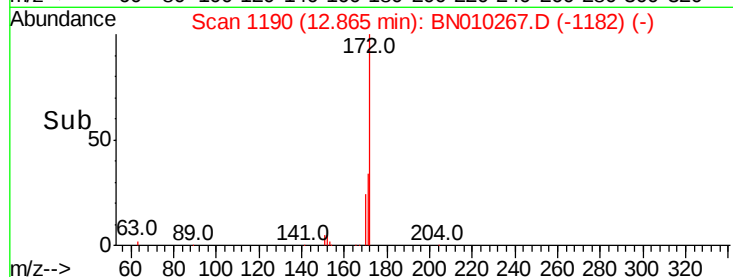
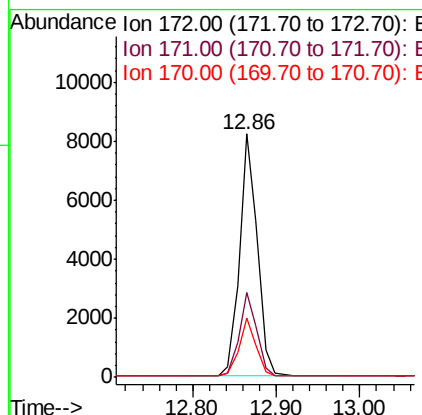
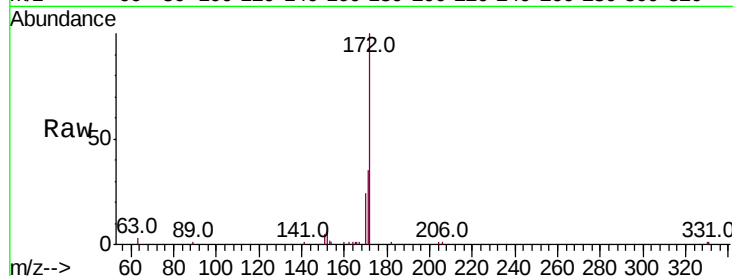




#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

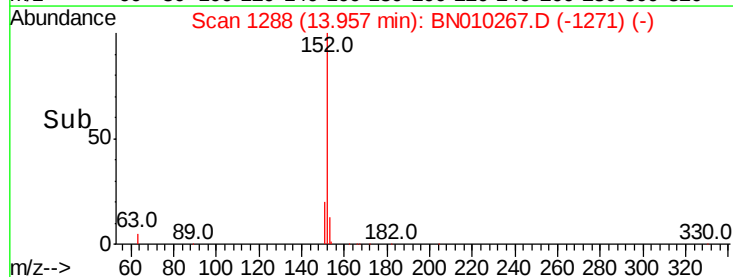
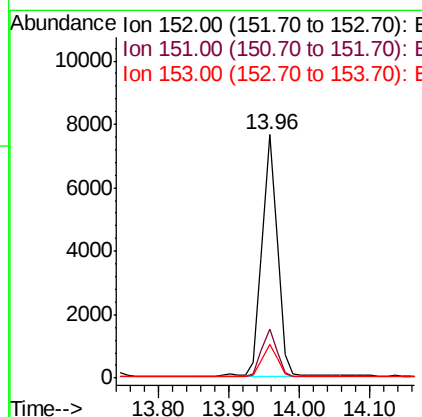
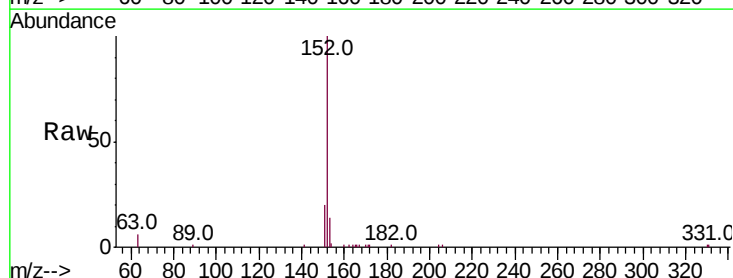
Instrument :
BNA_N
ClientSampleId :

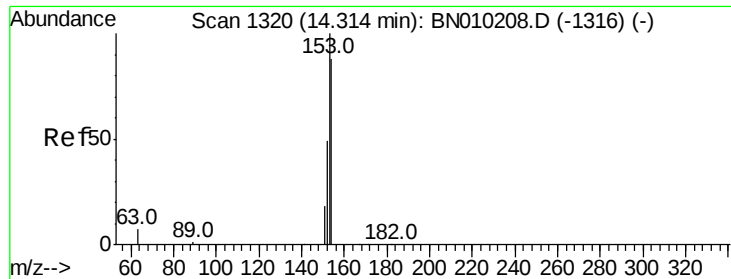
Tot Ion:172 Resp: 11996
Ion Ratio Lower Upper
172 100
171 34.8 29.4 44.2
170 24.1 20.2 30.4



#16
Acenaphthylene
Concen: 0.323 ng
RT: 13.96 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BN010267.D
Acq: 18 Mar 2020 17:20

Tgt Ion:152 Resp: 11429
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.6
153 13.3 10.6 16.0





#17

Acenaphthene

Concen: 0.398 ng

RT: 14.30 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

Instrument :

BNA_N

ClientSampleId :

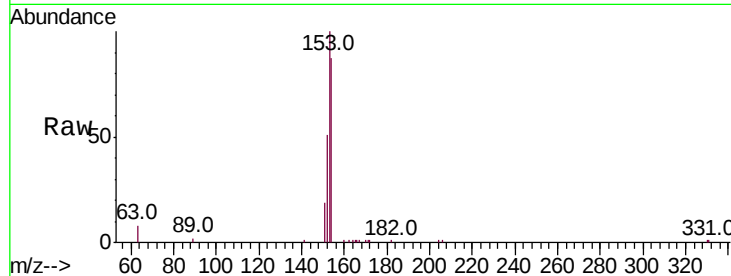
Tot Ion:154 Resp: 8534

Ion Ratio Lower Upper

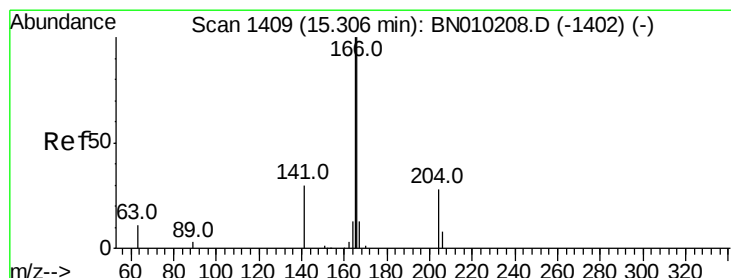
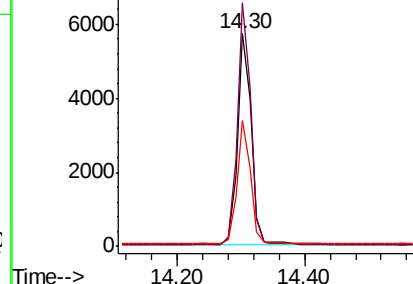
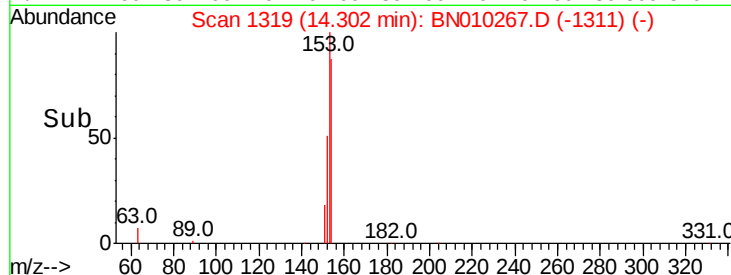
154 100

153 110.3 90.3 135.5

152 56.5 42.9 64.3



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: 0.386 ng

RT: 15.29 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

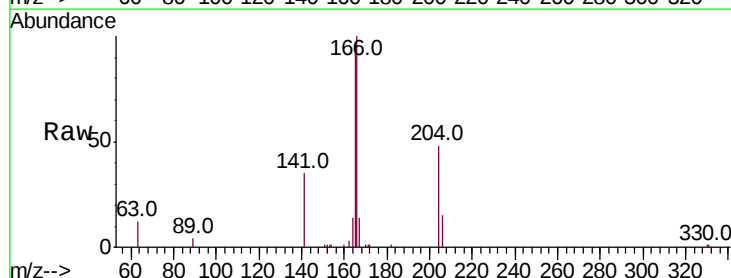
Tgt Ion:166 Resp: 11272

Ion Ratio Lower Upper

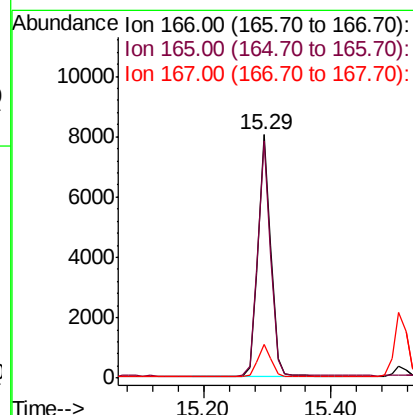
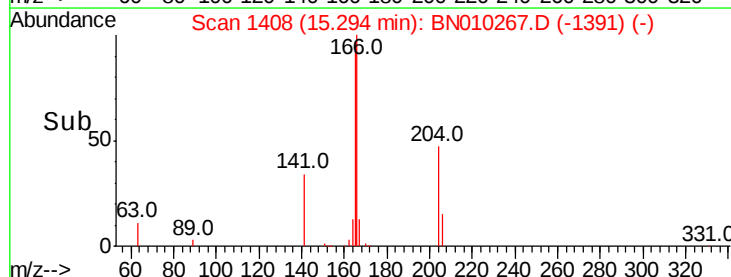
166 100

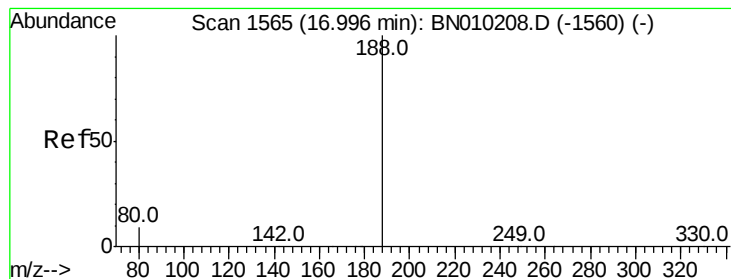
165 97.8 78.3 117.5

167 13.8 10.7 16.1



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: 16.99 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

Instrument :

BNA_N

ClientSampleId :

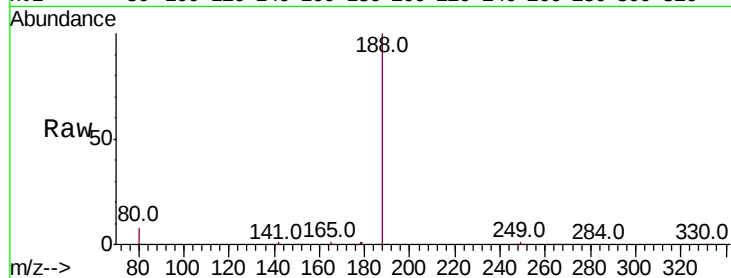
Tot Ion:188 Resp: 18553

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

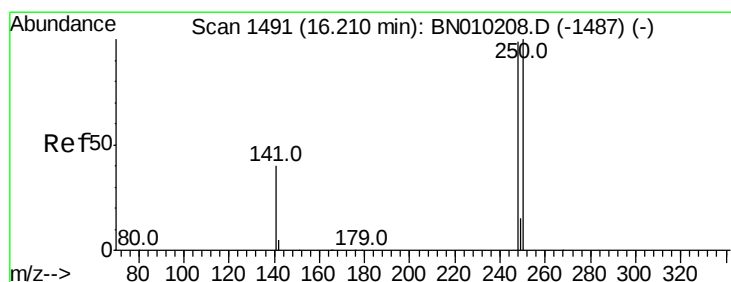
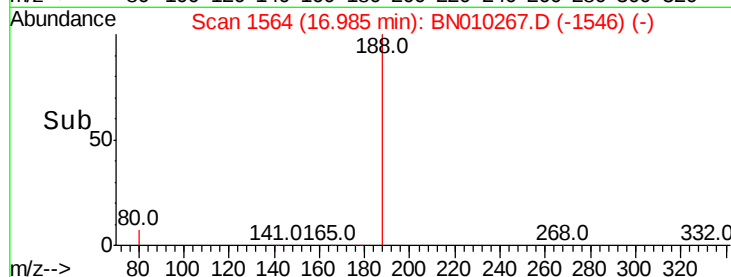
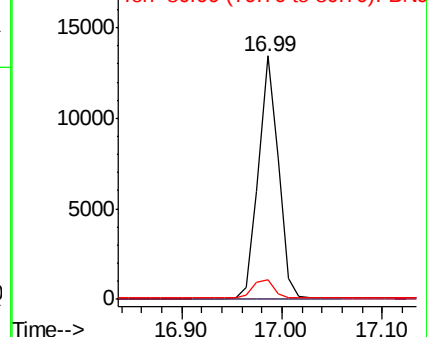
80 7.8 8.6 12.8#



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: 0.403 ng

RT: 16.19 min Scan# 1489

Delta R.T. -0.02 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

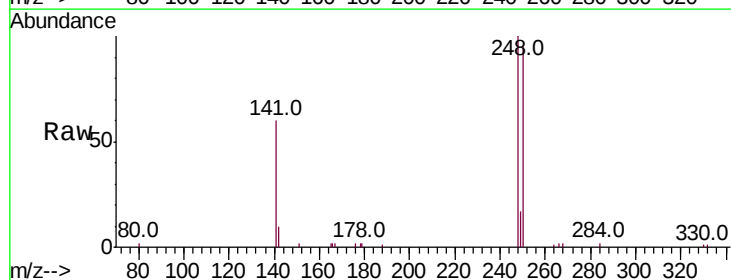
Tgt Ion:248 Resp: 4297

Ion Ratio Lower Upper

248 100

250 95.2 81.2 121.8

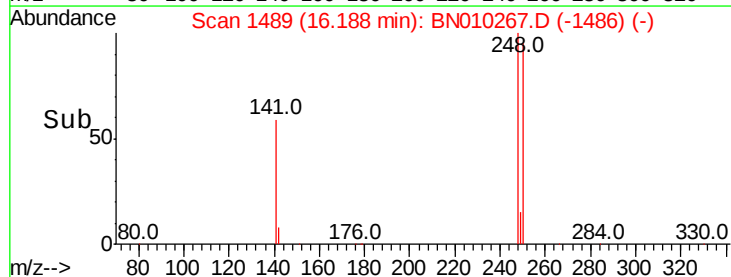
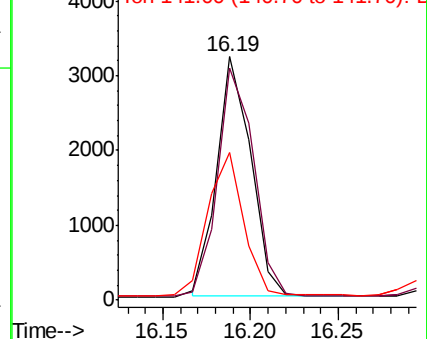
141 60.4 36.7 55.1#

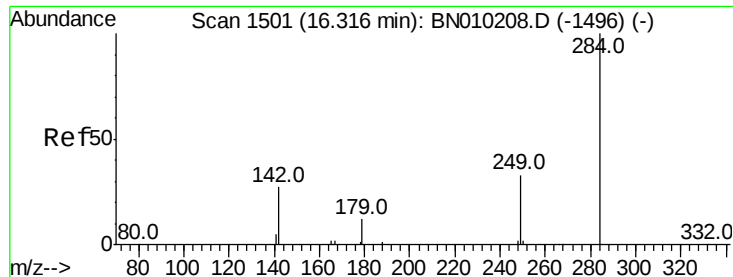


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.452 ng

RT: 16.31 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

Instrument :

BNA_N

ClientSampleId :

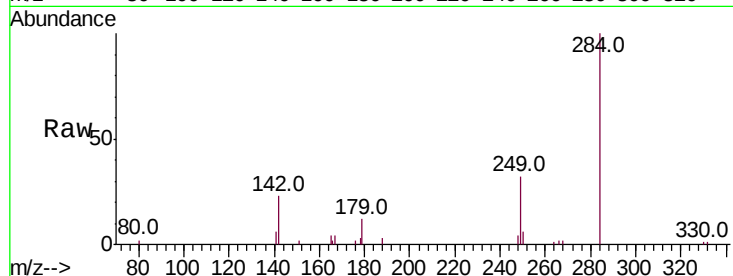
Tot Ion:284 Resp: 4698

Ion Ratio Lower Upper

284 100

142 33.4 27.8 41.6

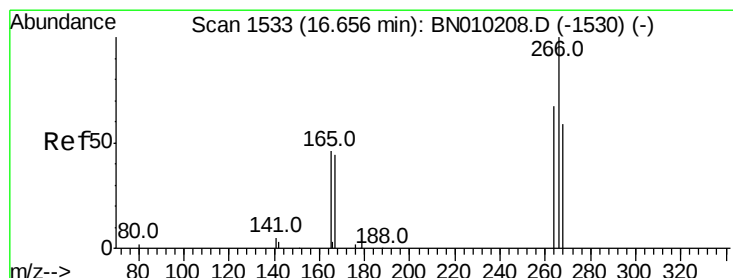
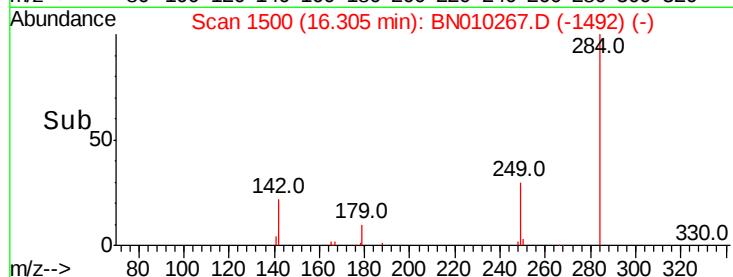
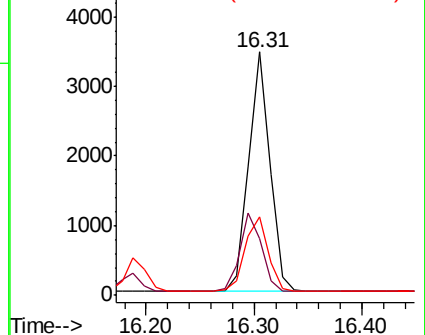
249 33.1 26.6 39.8



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: 0.361 ng

RT: 16.65 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

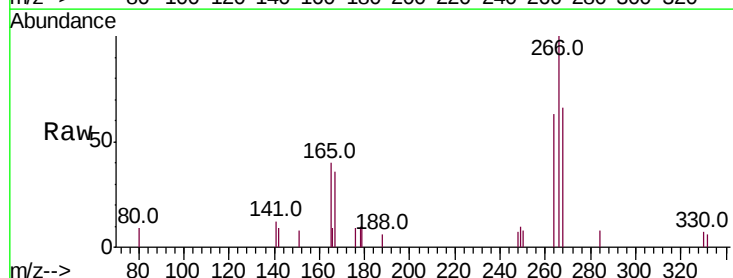
Tgt Ion:266 Resp: 1160

Ion Ratio Lower Upper

266 100

264 63.1 56.2 84.2

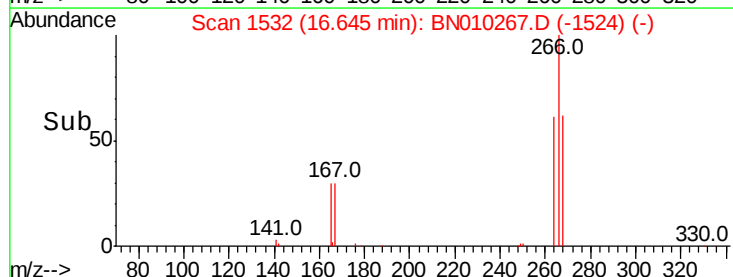
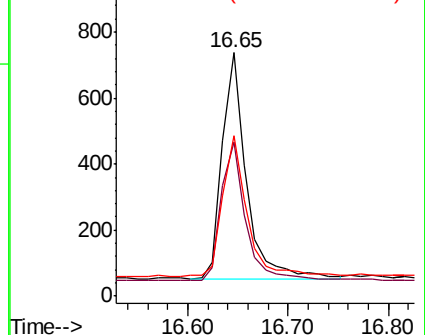
268 65.7 61.4 92.2

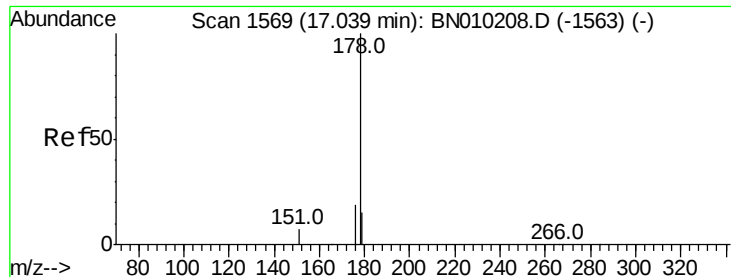


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.407 ng

RT: 17.03 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

Instrument :

BNA_N

ClientSampleId :

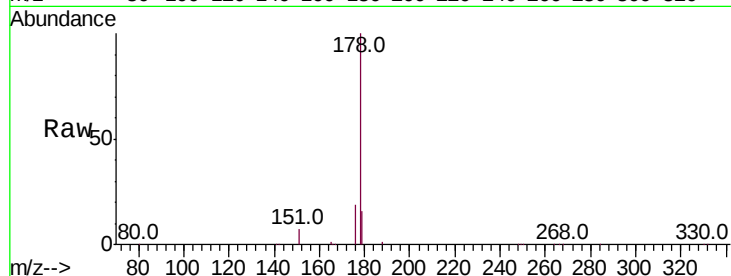
Tot Ion:178 Resp: 20013

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

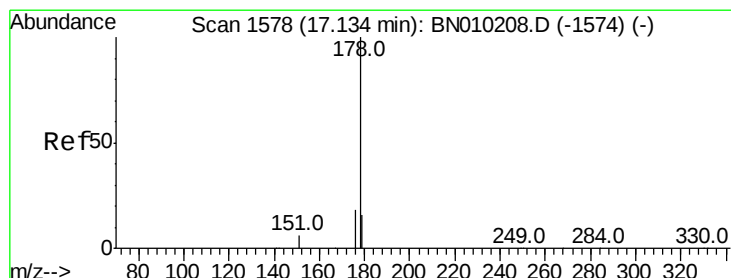
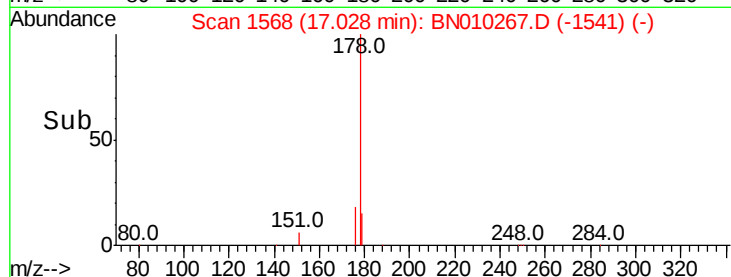
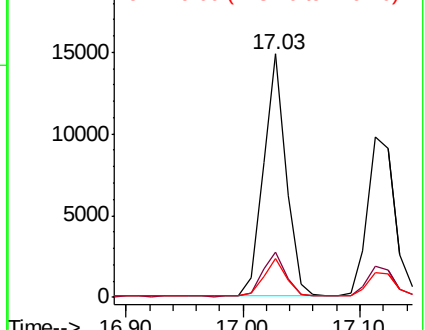
179 15.4 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

20000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.332 ng

RT: 17.11 min Scan# 1576

Delta R.T. -0.02 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

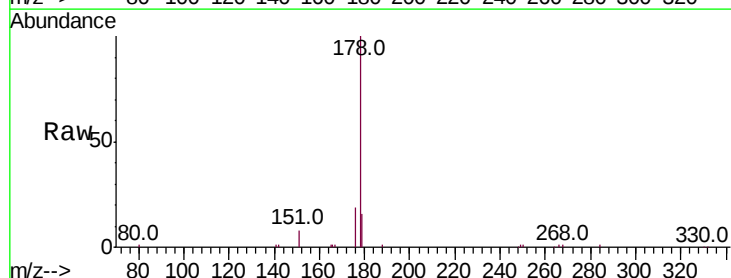
Tgt Ion:178 Resp: 16295

Ion Ratio Lower Upper

178 100

176 18.5 14.6 22.0

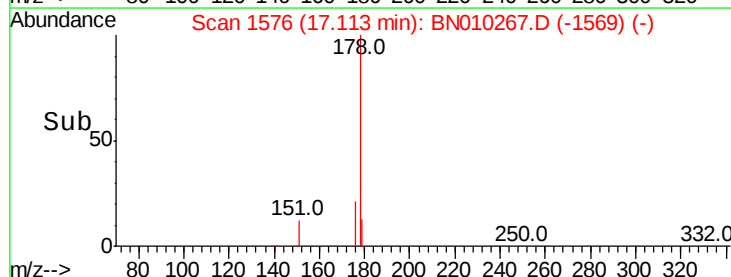
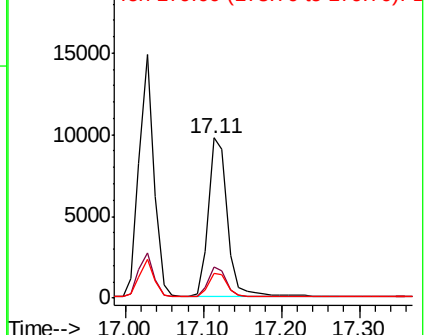
179 15.4 12.5 18.7

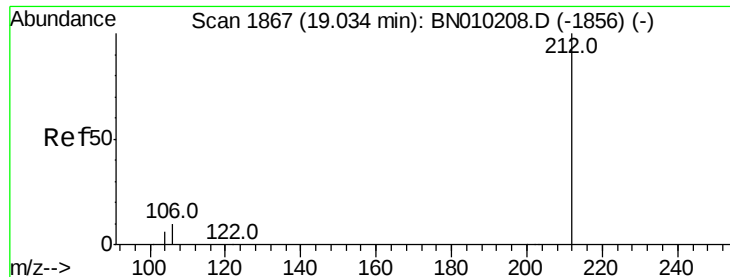


Abundance Ion 178.00 (177.70 to 178.70): E

20000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.02 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

Instrument :

BNA_N

ClientSampleId :

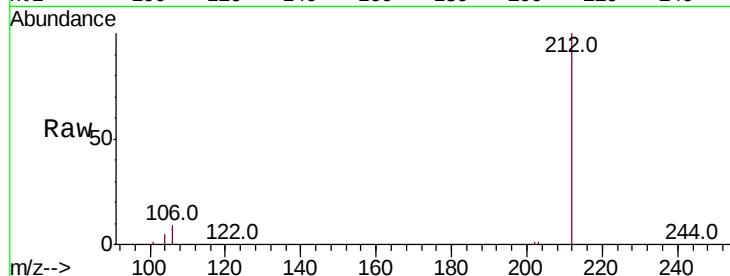
Tot Ion:212 Resp: 21121

Ion Ratio Lower Upper

212 100

106 9.3 8.1 12.1

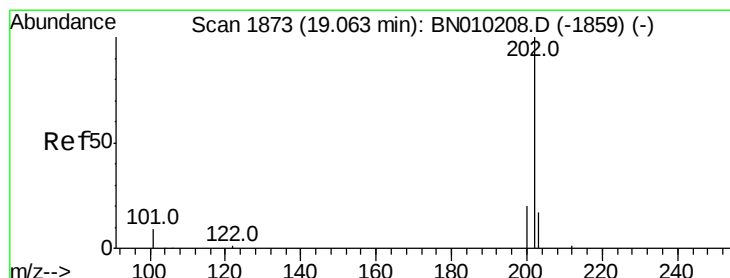
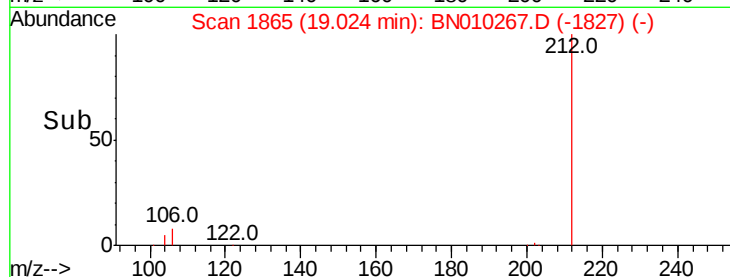
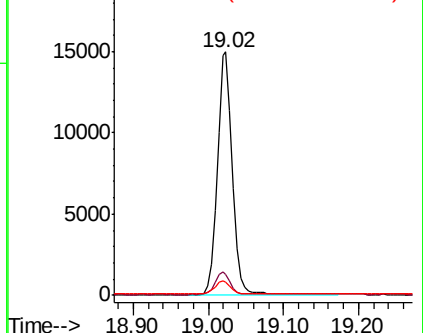
104 5.6 4.7 7.1



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: 0.382 ng

RT: 19.05 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

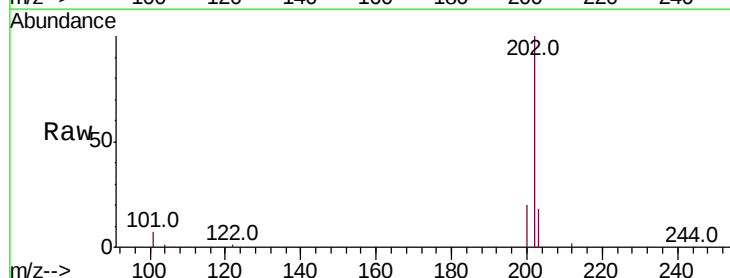
Tgt Ion:202 Resp: 23828

Ion Ratio Lower Upper

202 100

101 8.1 7.0 10.6

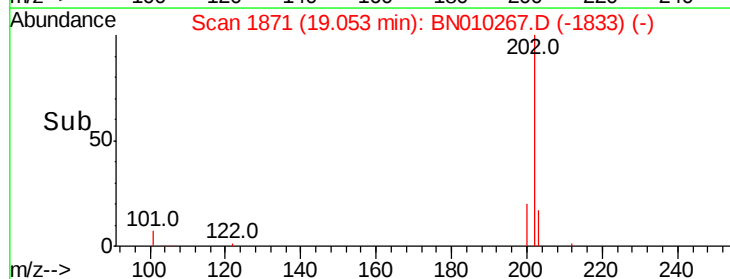
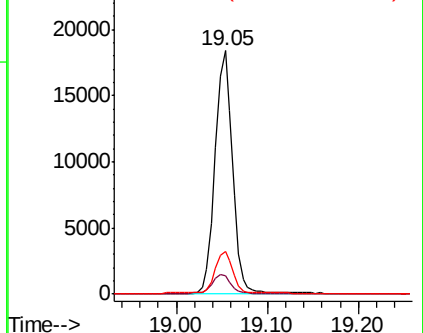
203 17.3 13.9 20.9

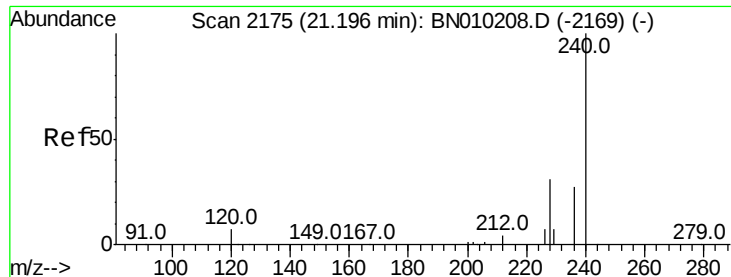


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.19 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

Instrument :

BNA_N

ClientSampleId :

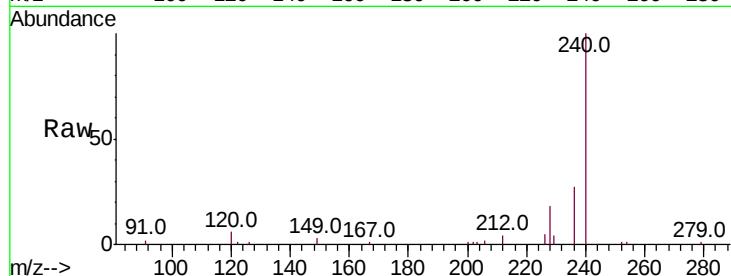
Tot Ion:240 Resp: 18638

Ion Ratio Lower Upper

240 100

120 6.3 7.7 11.5#

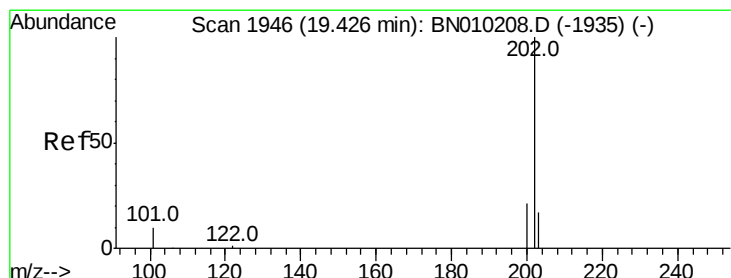
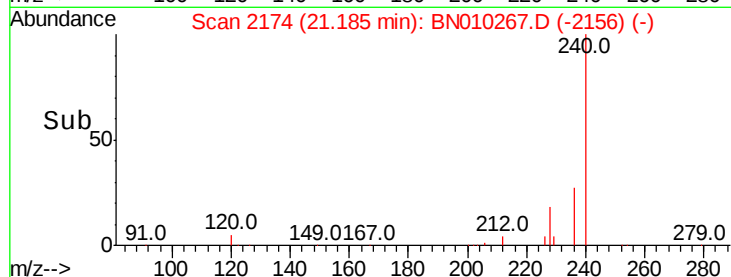
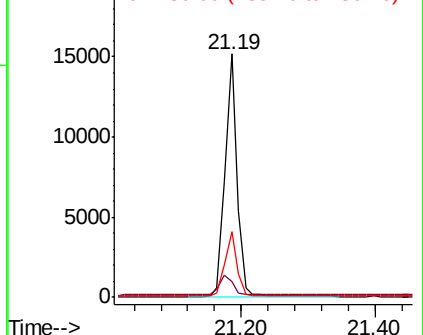
236 27.0 21.8 32.6



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

Pyrene

Concen: 0.380 ng

RT: 19.42 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

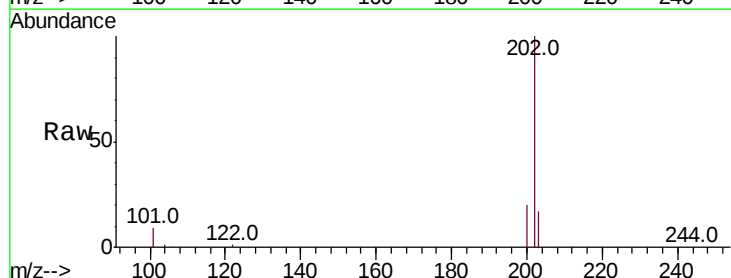
Tgt Ion:202 Resp: 23663

Ion Ratio Lower Upper

202 100

200 20.4 16.6 24.8

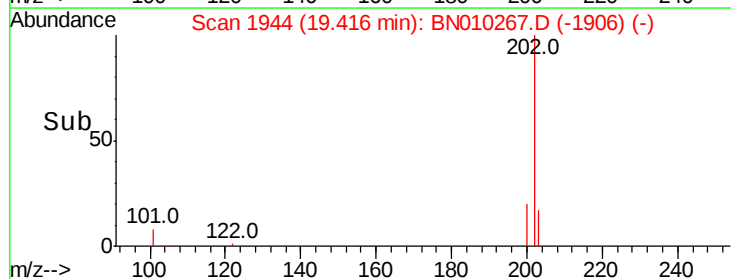
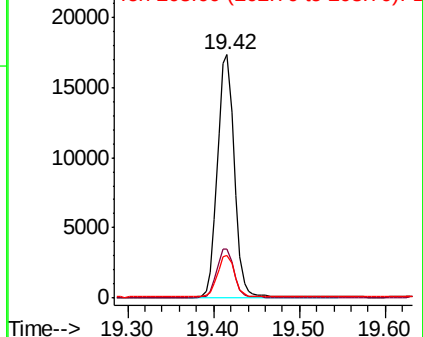
203 17.3 14.1 21.1

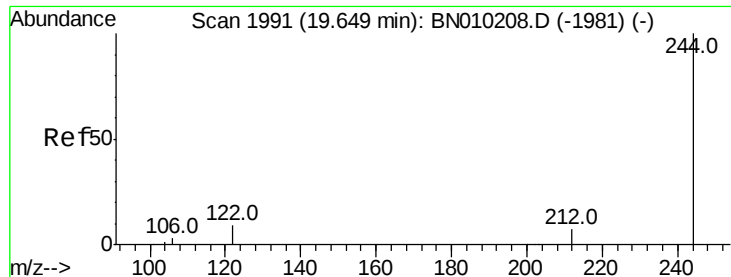


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.392 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

Instrument :

BNA_N

ClientSampleId :

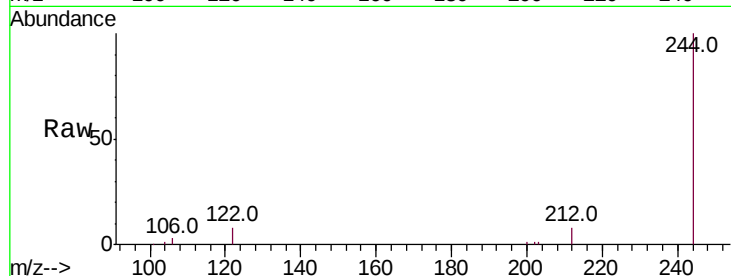
Tot Ion:244 Resp: 16670

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

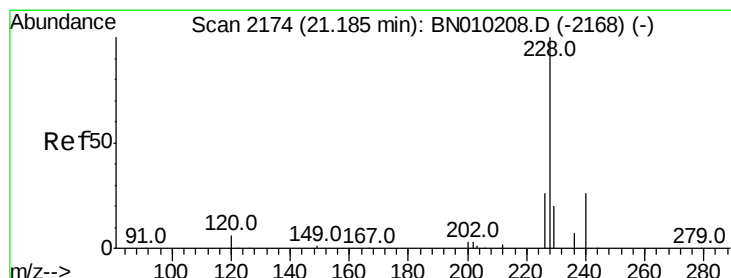
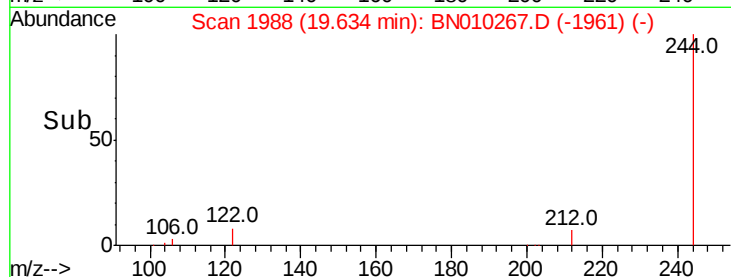
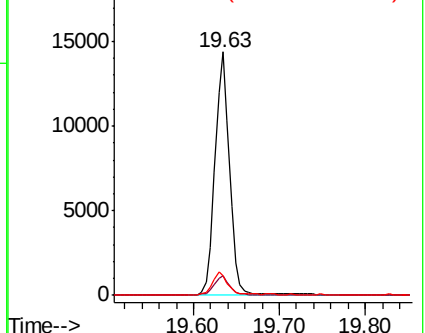
122 8.3 8.1 12.1



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: 0.341 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

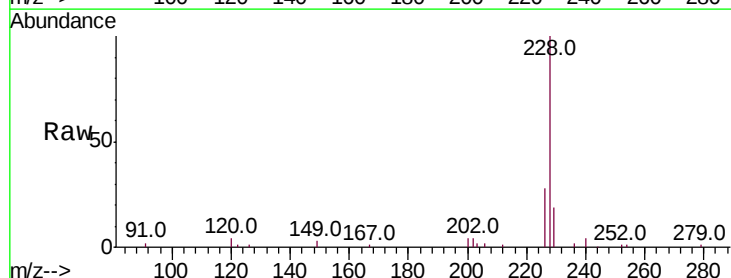
Tgt Ion:228 Resp: 21633

Ion Ratio Lower Upper

228 100

226 27.9 21.1 31.7

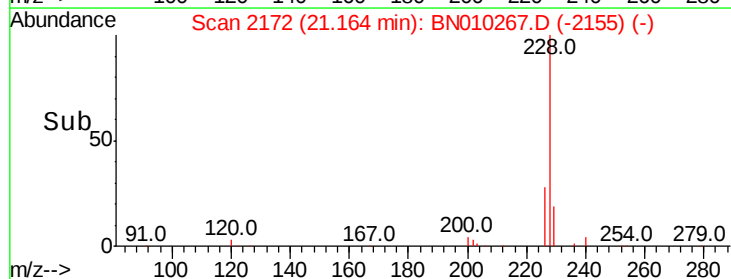
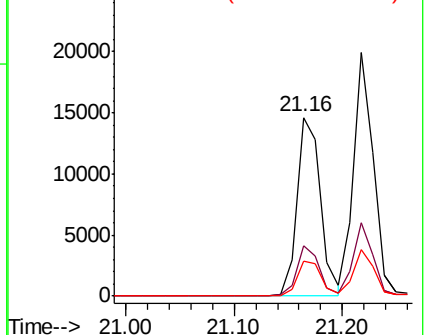
229 19.5 16.2 24.4

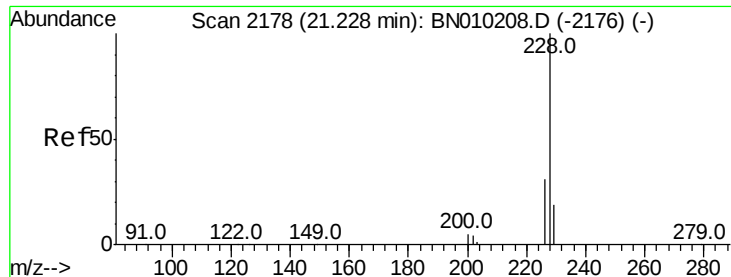


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.405 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

Instrument :

BNA_N

ClientSampleId :

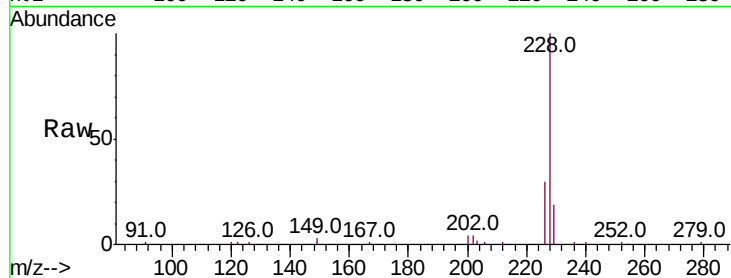
Tot Ion:228 Resp: 25241

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.4

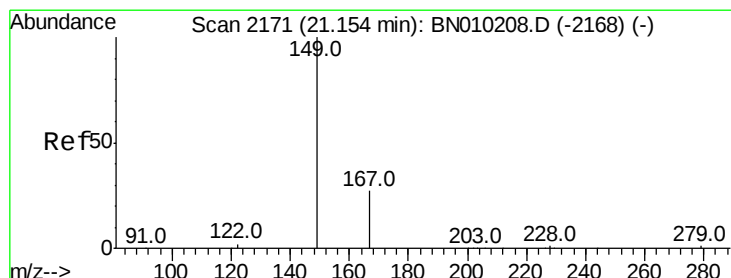
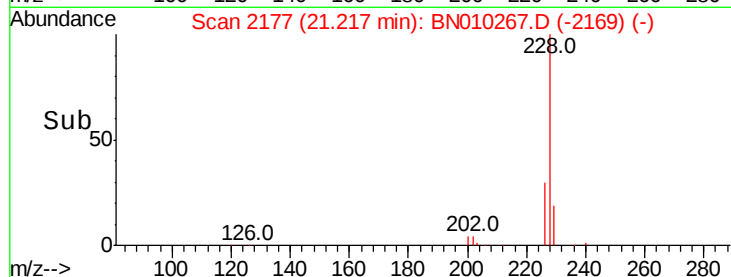
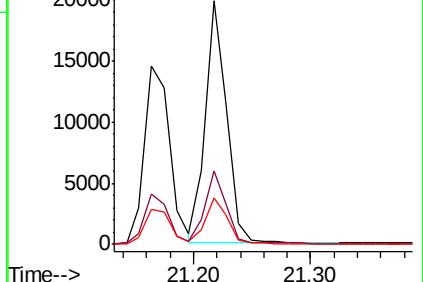
229 19.1 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.213 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

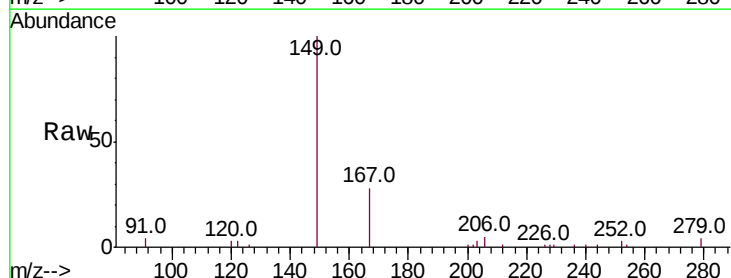
Tgt Ion:149 Resp: 5751

Ion Ratio Lower Upper

149 100

167 28.6 21.0 31.4

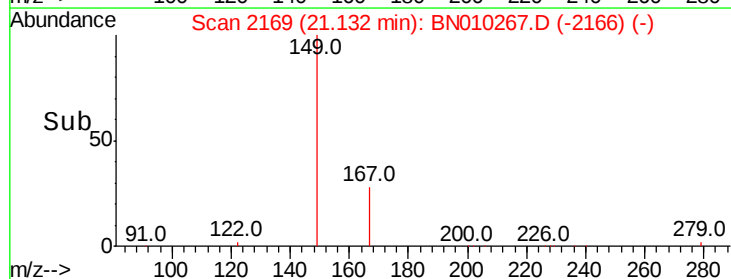
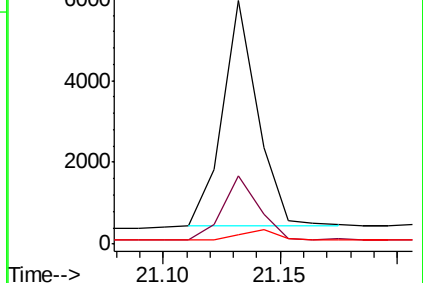
279 5.0 3.1 4.7#

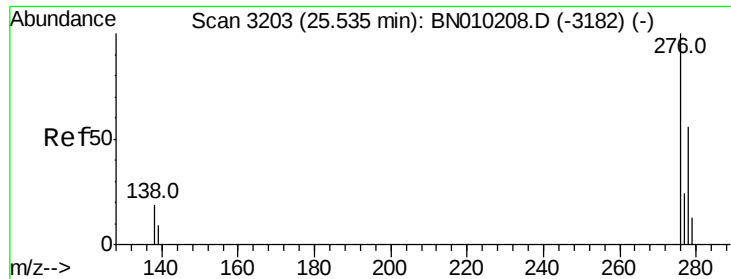


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

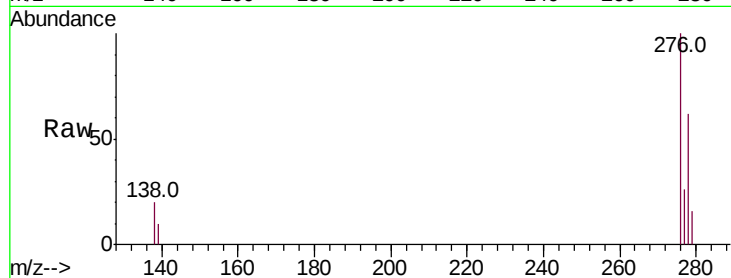




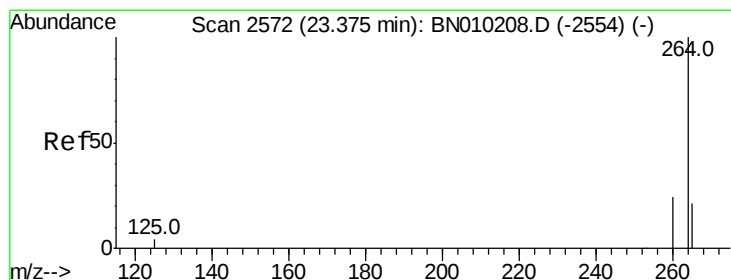
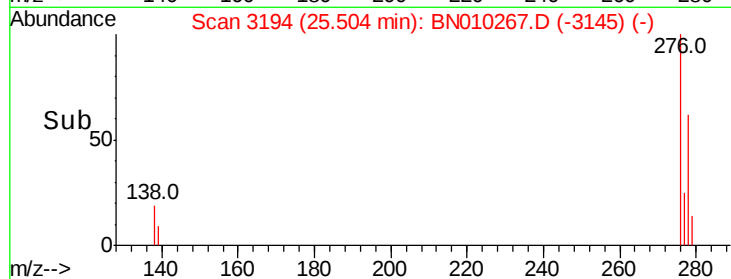
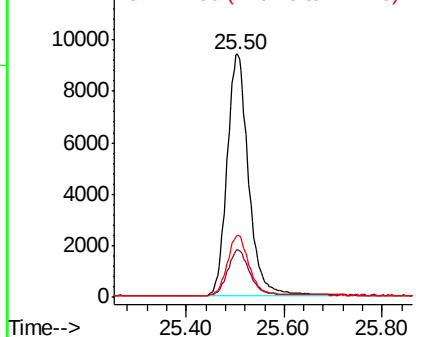
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.389 ng
 RT: 25.50 min Scan# 3194
 Delta R.T. -0.03 min
 Lab File: BN010267.D
 Acq: 18 Mar 2020 17:20

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 28797
 Ion Ratio Lower Upper
 276 100
 138 19.1 15.8 23.6
 277 25.0 19.3 28.9

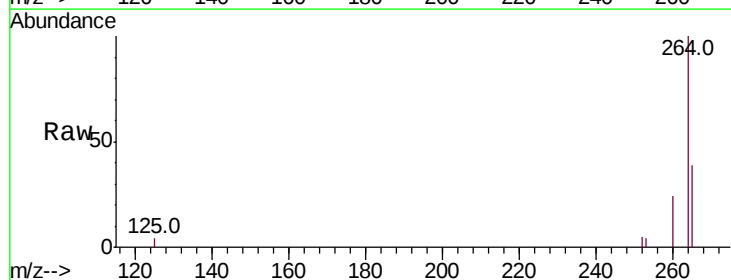


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

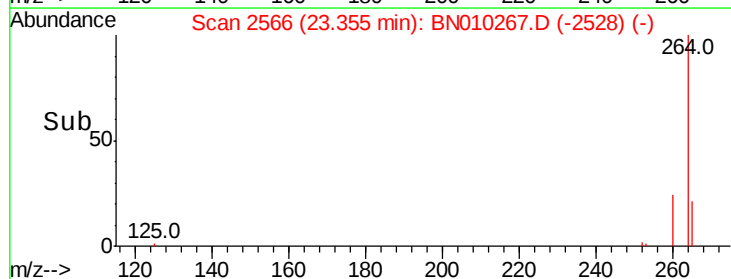
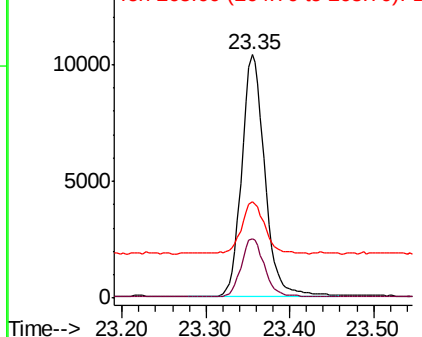


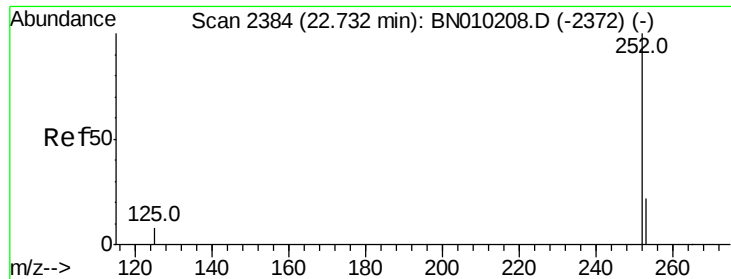
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.35 min Scan# 2566
 Delta R.T. -0.02 min
 Lab File: BN010267.D
 Acq: 18 Mar 2020 17:20

Tgt Ion:264 Resp: 19749
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.7 29.5
 265 39.4 25.8 38.6#



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: 0.405 ng

RT: 22.71 min Scan# 2378

Delta R.T. -0.02 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

Instrument :

BNA_N

ClientSampleId :

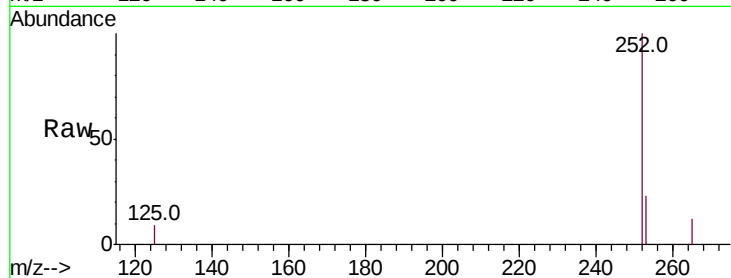
Tot Ion:252 Resp: 24583

Ion Ratio Lower Upper

252 100

253 23.3 18.6 28.0

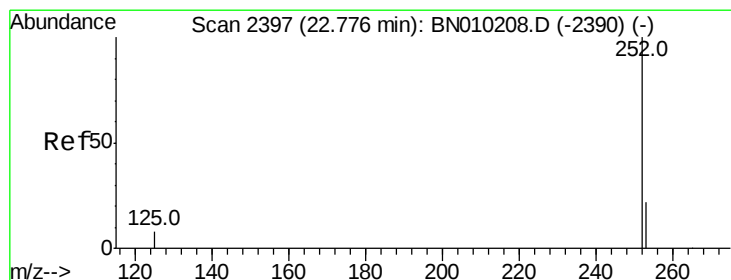
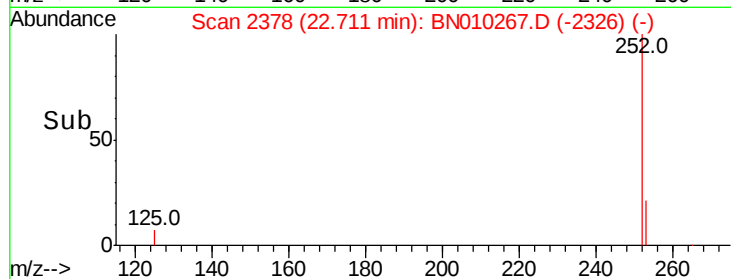
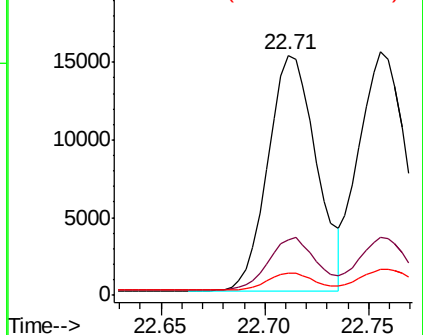
125 9.3 7.9 11.9



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: 0.417 ng

RT: 22.76 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

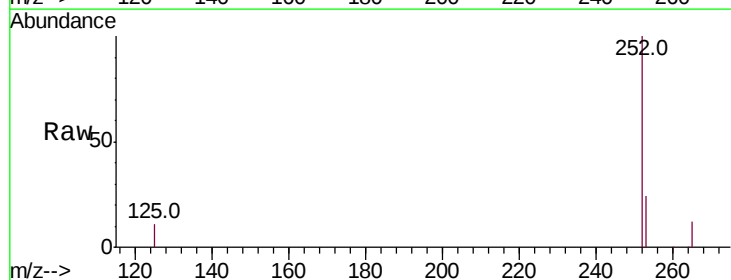
Tgt Ion:252 Resp: 25583

Ion Ratio Lower Upper

252 100

253 23.9 18.8 28.2

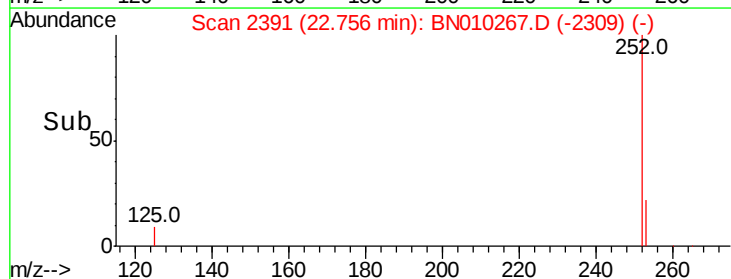
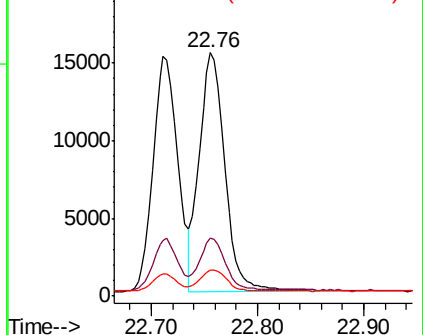
125 10.6 8.2 12.4

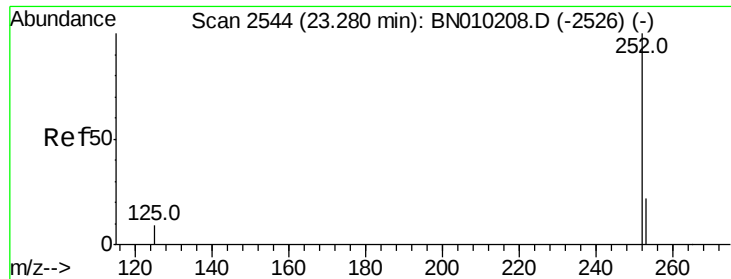


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.358 ng

RT: 23.26 min Scan# 2539

Delta R.T. -0.02 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

Instrument :

BNA_N

ClientSampleId :

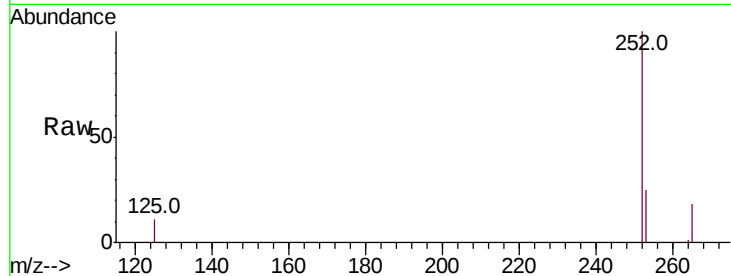
Tot Ion:252 Resp: 20518

Ion Ratio Lower Upper

252 100

253 24.7 19.1 28.7

125 10.8 9.2 13.8

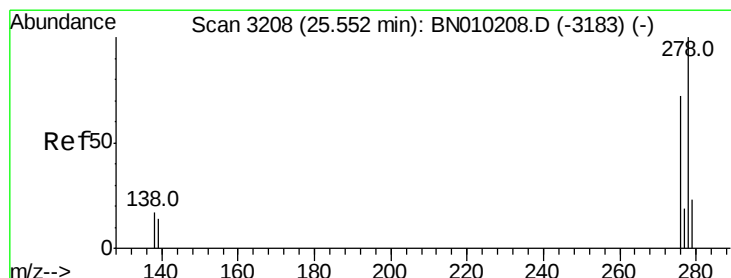
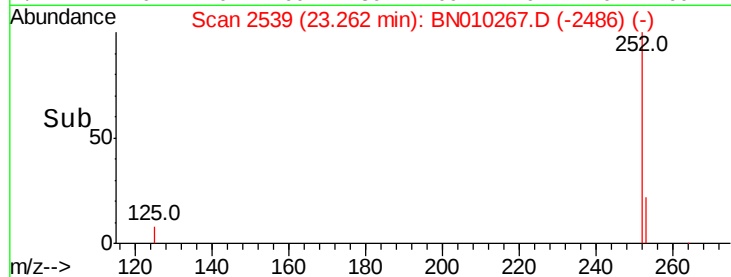
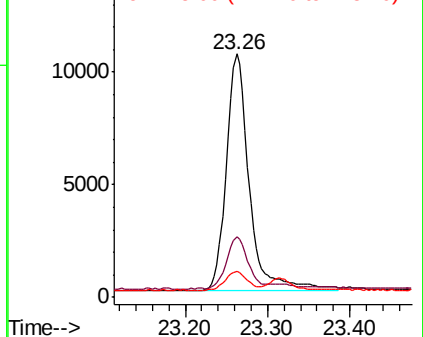


Abundance

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



#38

Dibenzo(a,h)anthracene

Concen: 0.410 ng

RT: 25.52 min Scan# 3198

Delta R.T. -0.03 min

Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

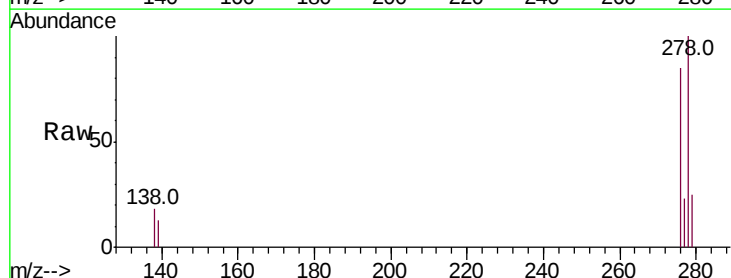
Tgt Ion:278 Resp: 23542

Ion Ratio Lower Upper

278 100

139 13.5 12.4 18.6

279 24.8 20.2 30.2

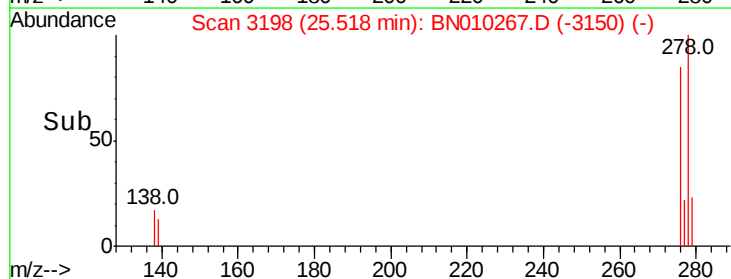
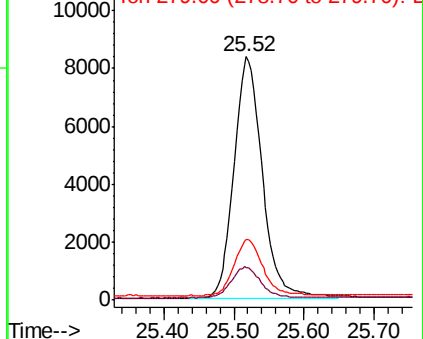


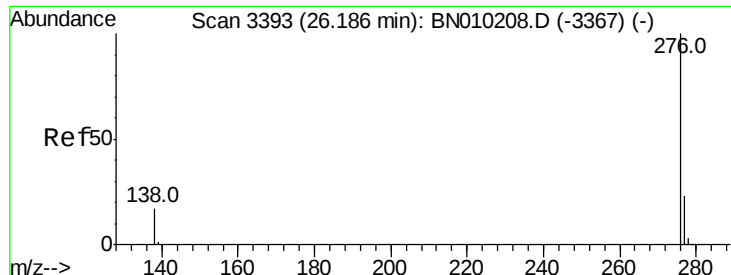
Abundance

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(a,h,i)perylene

Concen: 0.400 ng

RT: 26.15 min Scan# 3383

Delta R.T. -0.03 min

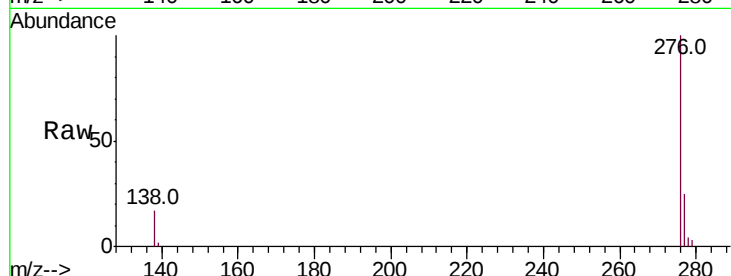
Lab File: BN010267.D

Acq: 18 Mar 2020 17:20

Instrument :

BNA_N

ClientSampleId :



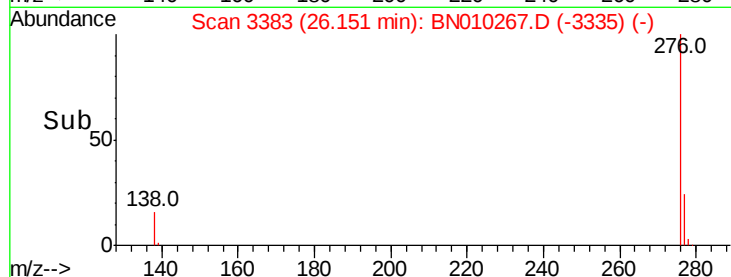
Tot Ion:276 Resp: 22949

Ion Ratio Lower Upper

276 100

277 24.7 19.4 29.2

138 17.0 15.4 23.2



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

