

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
 Data File : BN010245.D
 Acq On : 17 Mar 2020 18:24
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 17 19:01:57 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	3672	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	12758	0.40	ng	0.00
13) Acenaphthene-d10	14.25	164	7772	0.40	ng	-0.01
19) Phenanthrene-d10	17.00	188	18253	0.40	ng	0.00
27) Chrysene-d12	21.19	240	18534	0.40	ng	-0.01
34) Perylene-d12	23.37	264	20614	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	2947	0.34	ng	0.00
5) Phenol-d6	6.81	99	3736	0.35	ng	0.00
8) Nitrobenzene-d5	8.76	82	3108	0.41	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	8087	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.74	330	992	0.36	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	12177	0.44	ng	0.00
25) Fluoranthene-d10	19.02	212	20726	0.37	ng	0.00
29) Terphenyl-d14	19.64	244	16539	0.39	ng	0.00

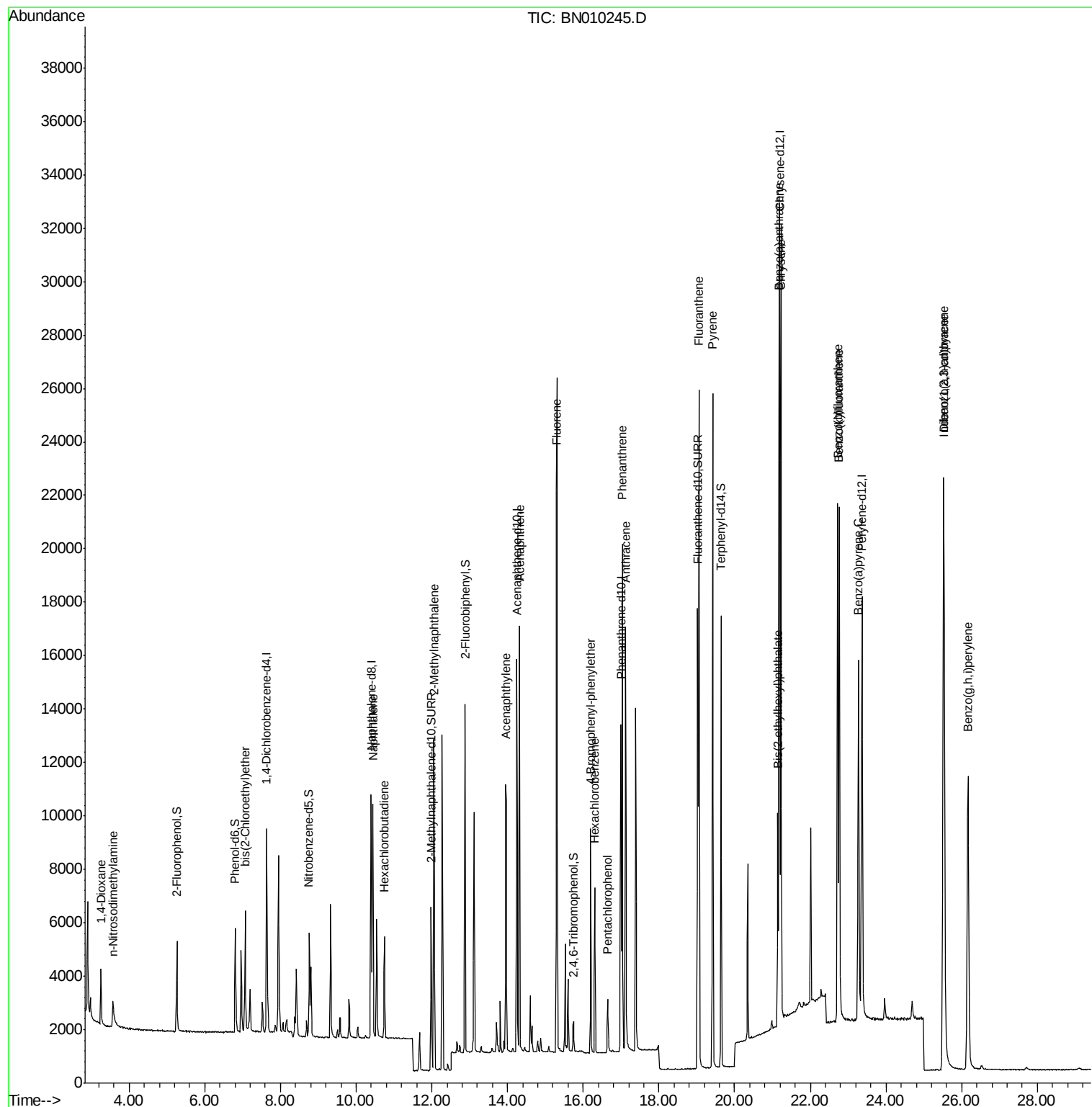
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	1417	0.396	ng	# 54
3) n-Nitrosodimethylamine	3.57	42	1031	0.325	ng	# 33
6) bis(2-Chloroethyl)ether	7.07	93	3478	0.387	ng	96
9) Naphthalene	10.44	128	12812	0.401	ng	97
10) Hexachlorobutadiene	10.75	225	3107	0.422	ng	# 97
12) 2-Methylnaphthalene	12.05	142	8910	0.388	ng	98
16) Acenaphthylene	13.96	152	12274	0.342	ng	100
17) Acenaphthene	14.31	154	8579	0.394	ng	98
18) Fluorene	15.29	166	11330	0.382	ng	100
20) 4-Bromophenyl-phenylether	16.20	248	4107	0.392	ng	98
21) Hexachlorobenzene	16.31	284	4628	0.452	ng	98
22) Pentachlorophenol	16.65	266	1127	0.357	ng	92
23) Phenanthrene	17.03	178	19629	0.405	ng	100
24) Anthracene	17.12	178	16461	0.341	ng	99
26) Fluoranthene	19.06	202	23549	0.384	ng	100
28) Pyrene	19.42	202	23489	0.379	ng	99
30) Benzo(a)anthracene	21.17	228	22019	0.349	ng	99
31) Chrysene	21.23	228	25575	0.412	ng	97
32) Bis(2-ethylhexyl)phthalate	21.14	149	6303	0.235	ng	# 95
33) Indeno(1,2,3-cd)pyrene	25.52	276	28269	0.384	ng	99
35) Benzo(b)fluoranthene	22.72	252	24334	0.384	ng	99
36) Benzo(k)fluoranthene	22.76	252	25311	0.395	ng	98
37) Benzo(a)pyrene	23.27	252	20894	0.349	ng	98
38) Dibenzo(a,h)anthracene	25.53	278	23715	0.395	ng	99
39) Benzo(g,h,i)perylene	26.17	276	23217	0.388	ng	98

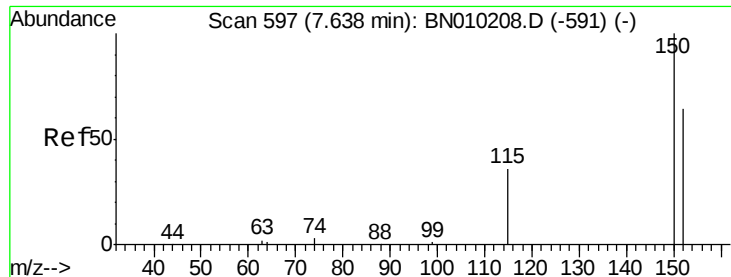
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_N
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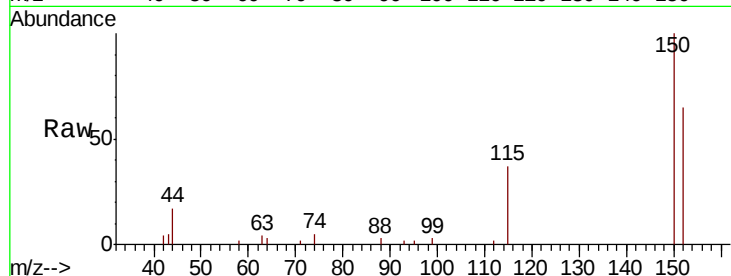


#1

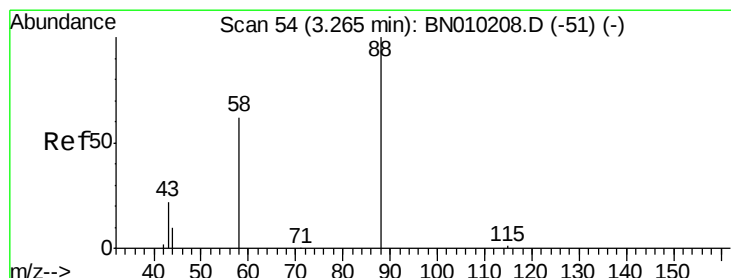
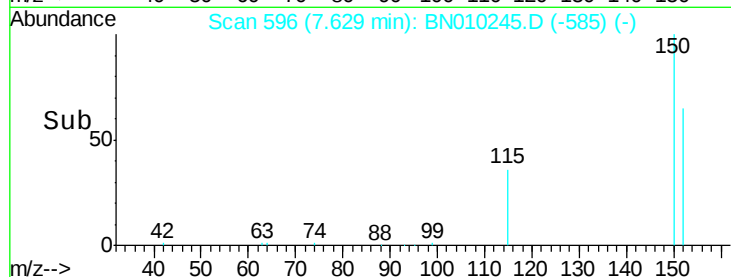
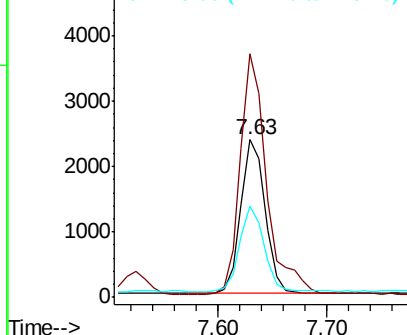
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3672
Ion Ratio Lower Upper
152 100
150 154.7 119.5 179.3
115 57.6 50.9 76.3



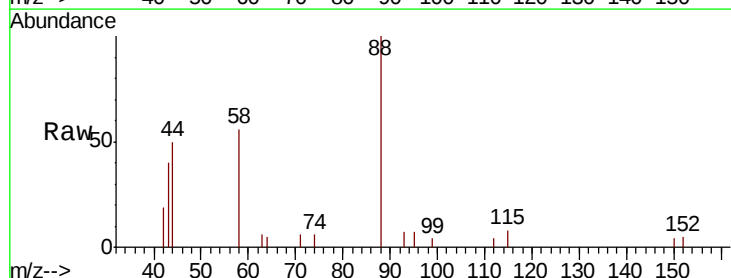
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



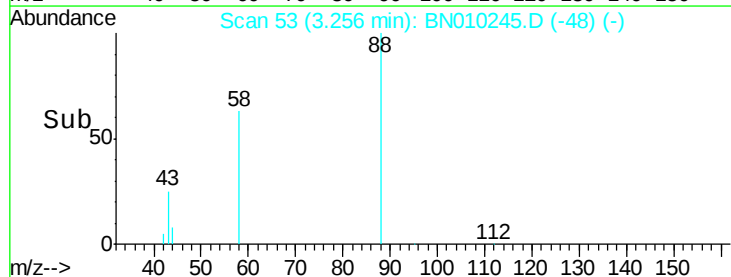
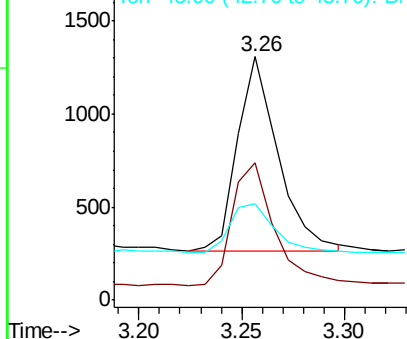
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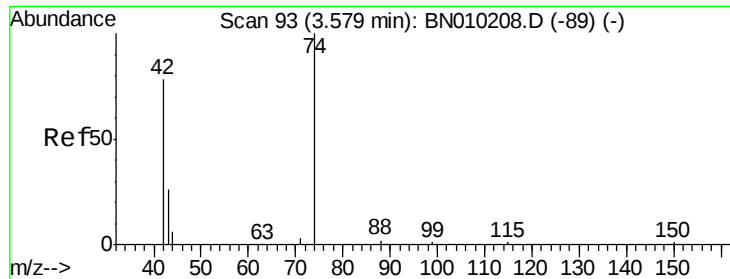
1,4-Dioxane
Concen: 0.396 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Tgt Ion: 88 Resp: 1417
Ion Ratio Lower Upper
88 100
58 67.0 97.8 146.8#
43 27.0 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: 0.325 ng

RT: 3.57 min Scan# 92

Delta R.T. -0.01 min

Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

Instrument :

BNA_N

ClientSampleId :

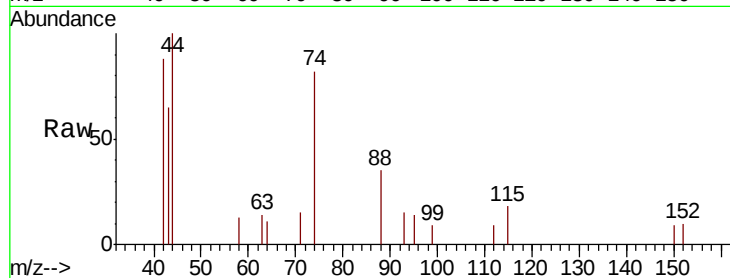
Tot Ion: 42 Resp: 1031

Ion Ratio Lower Upper

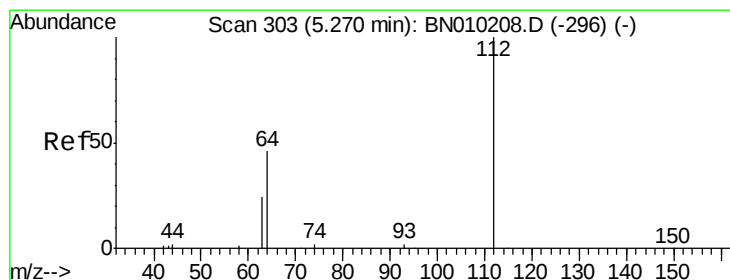
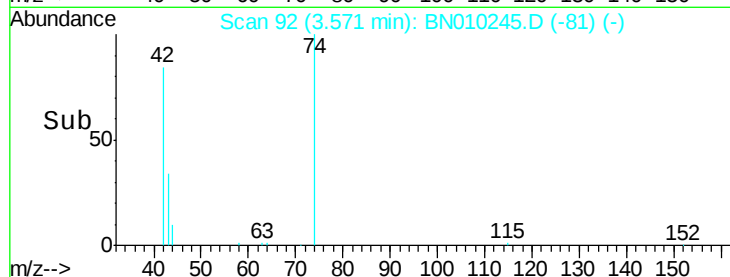
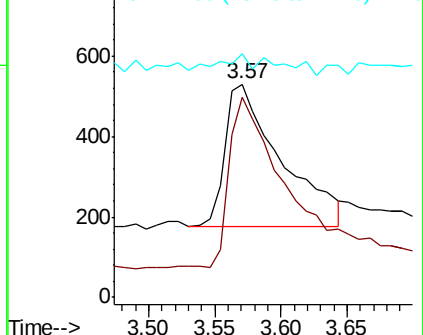
42 100

74 118.6 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: 0.342 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

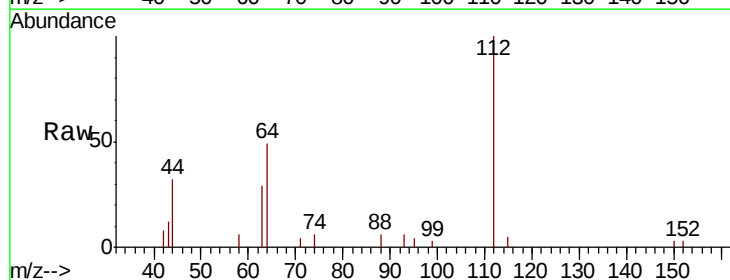
Tgt Ion: 112 Resp: 2947

Ion Ratio Lower Upper

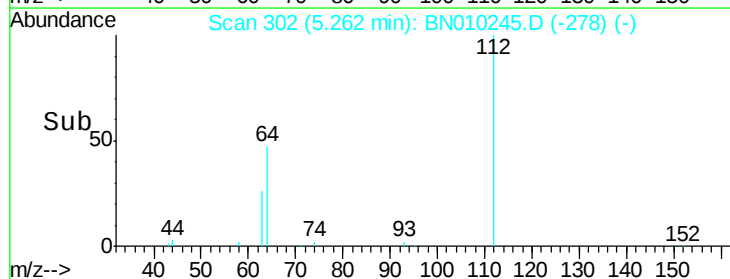
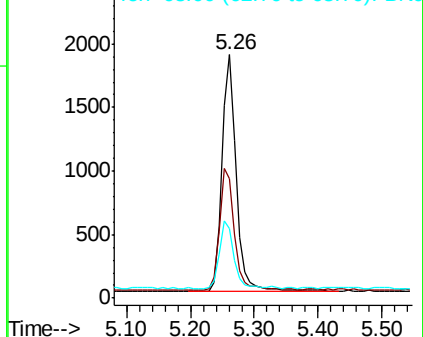
112 100

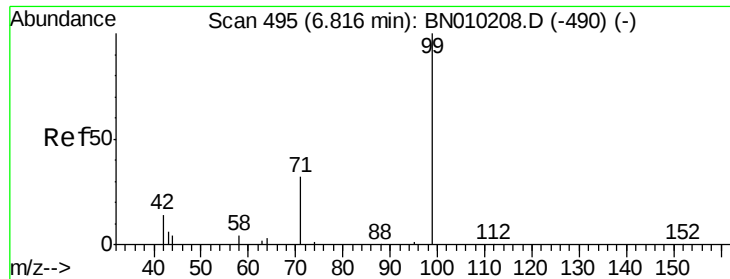
64 52.7 42.6 63.8

63 28.3 23.6 35.4



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





#5

Phenol-d6

Concen: 0.347 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

Instrument :

BNA_N

ClientSampled :

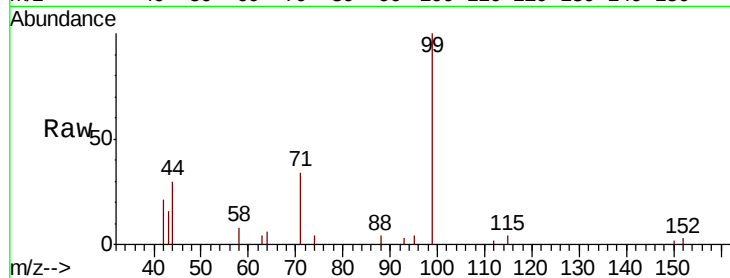
Tot Ion: 99 Resp: 3736

Ion Ratio Lower Upper

99 100

42 19.8 12.0 18.0#

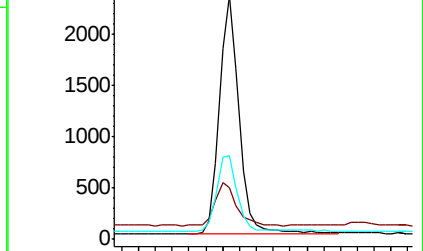
71 34.0 22.6 33.8#



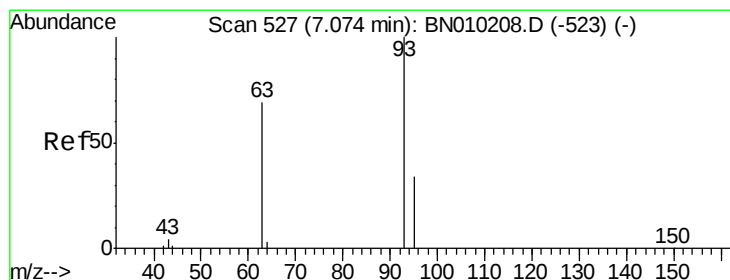
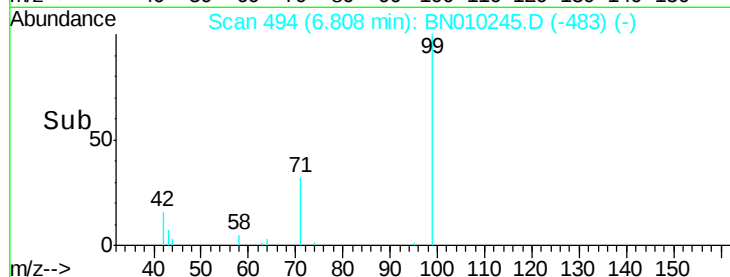
Abundance Ion 99.00 (98.70 to 99.70): BN010208.D (-490) (-)

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

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



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.387 ng

RT: 7.07 min Scan# 526

Delta R.T. -0.01 min

Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

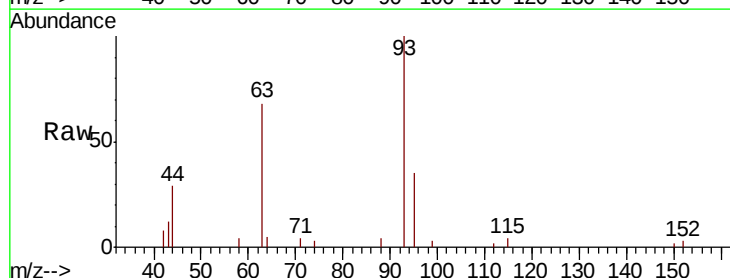
Tgt Ion: 93 Resp: 3478

Ion Ratio Lower Upper

93 100

63 70.7 53.4 80.0

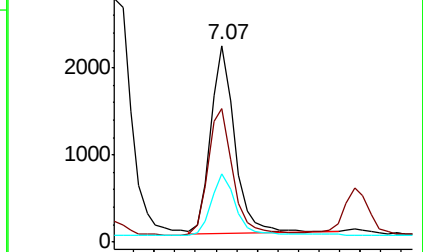
95 34.2 28.6 42.8



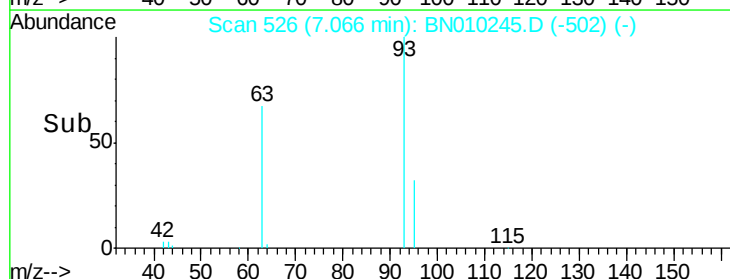
Abundance Ion 93.00 (92.70 to 93.70): BN010208.D (-523) (-)

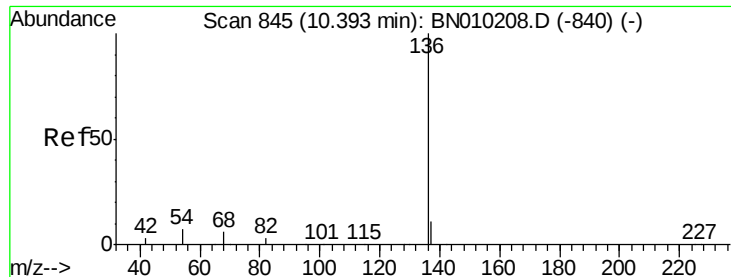
Ion 63.00 (62.70 to 63.70): BN010208.D (-523) (-)

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



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 845

Delta R.T. -0.00 min

Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 12758

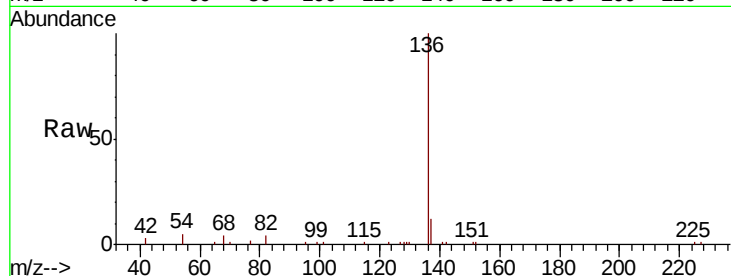
Ion Ratio Lower Upper

136 100

137 11.7 10.6 15.8

54 5.0 9.5 14.3#

68 4.5 9.7 14.5#

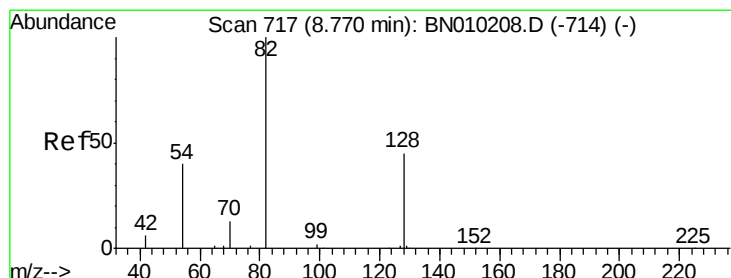
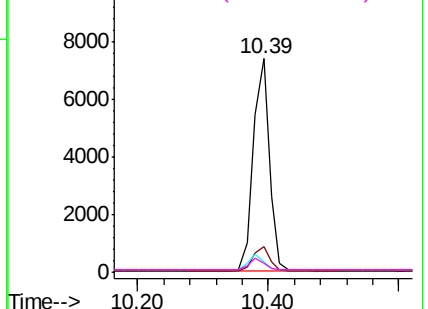
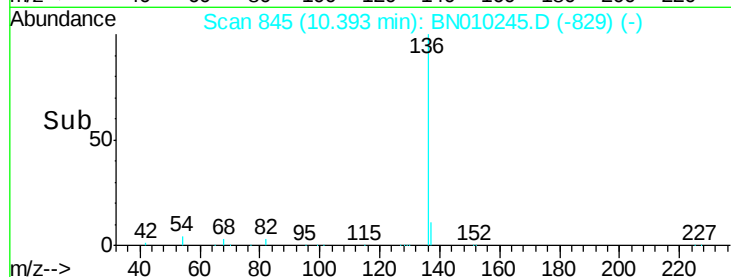


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.406 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

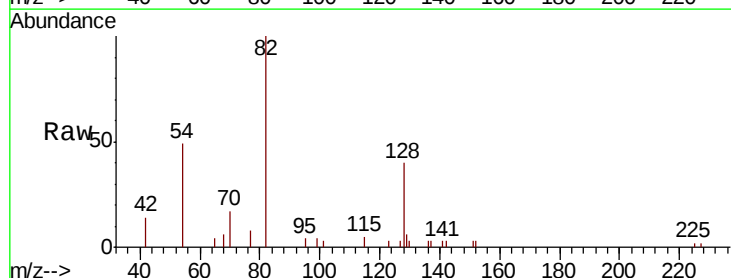
Tgt Ion: 82 Resp: 3108

Ion Ratio Lower Upper

82 100

128 39.8 35.0 52.6

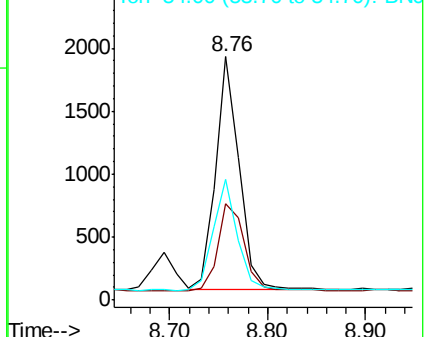
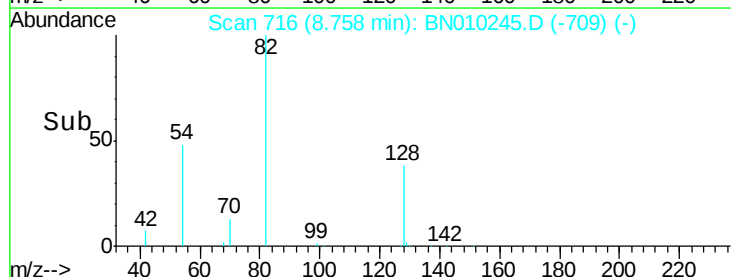
54 49.5 37.0 55.4

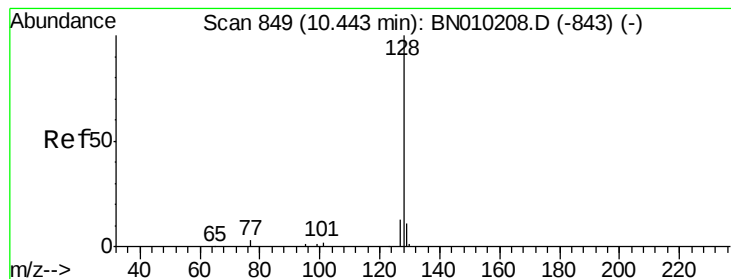


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.401 ng

RT: 10.44 min Scan# 849

Delta R.T. -0.00 min

Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

Instrument :

BNA_N

ClientSampleId :

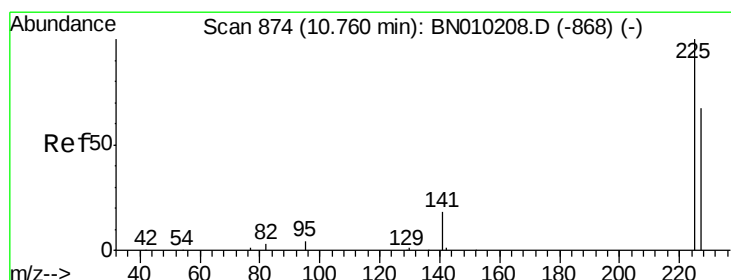
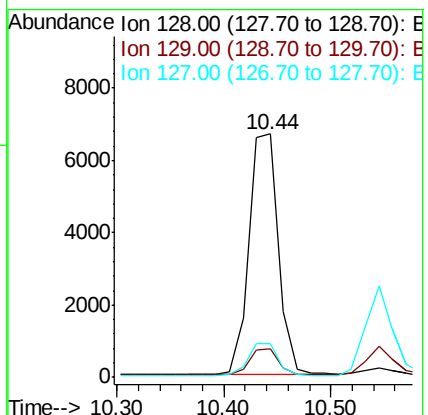
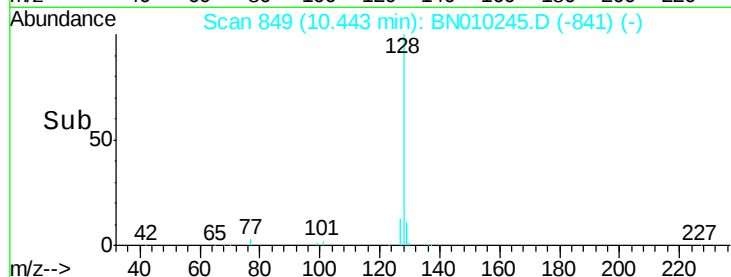
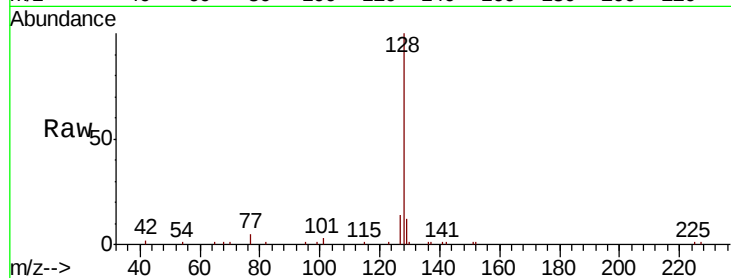
Tot Ion:128 Resp: 12812

Ion Ratio Lower Upper

128 100

129 12.0 10.5 15.7

127 13.8 12.1 18.1



#10

Hexachlorobutadiene

Concen: 0.422 ng

RT: 10.75 min Scan# 873

Delta R.T. -0.01 min

Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

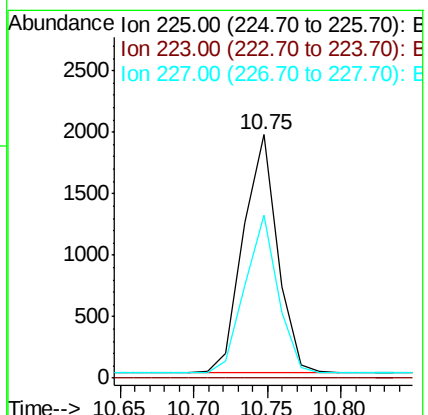
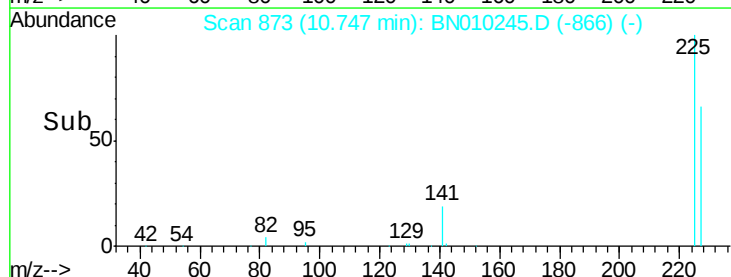
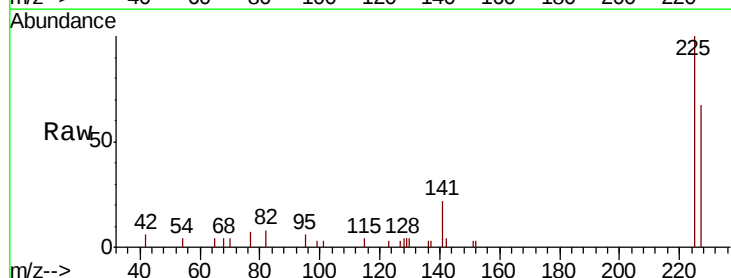
Tgt Ion:225 Resp: 3107

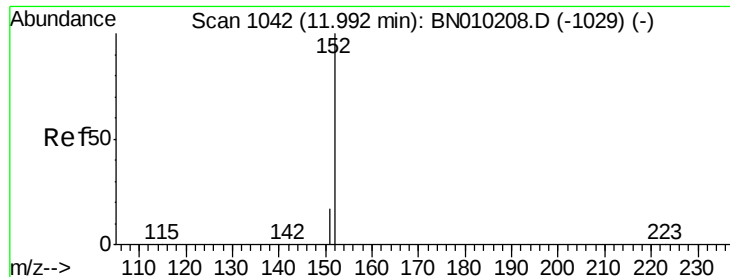
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.5 53.4 80.2

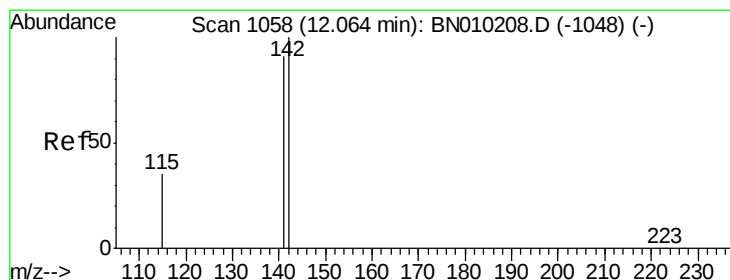
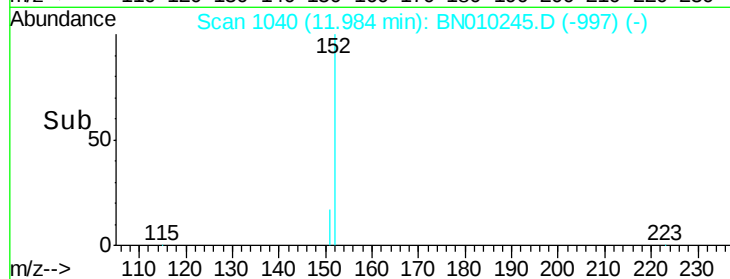
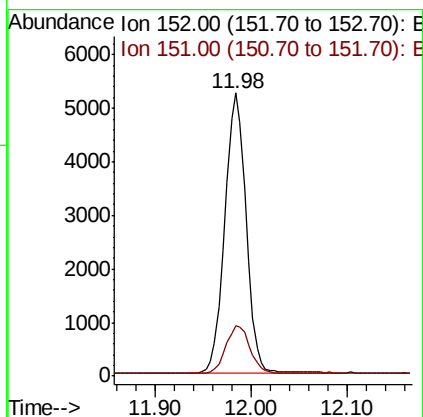
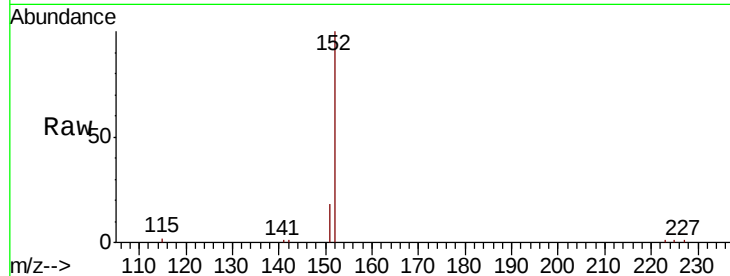




#11
 2-Methylnaphthalene-d10
 Concen: 0.384 ng
 RT: 11.98 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BN010245.D
 Acq: 17 Mar 2020 18:24

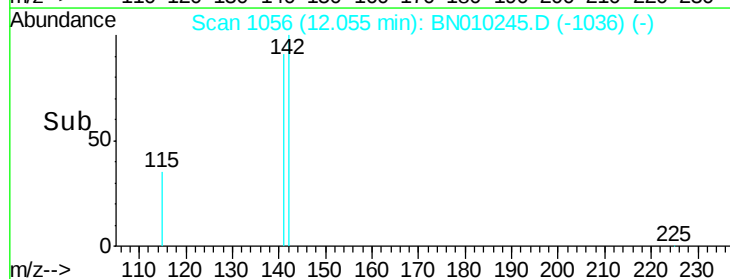
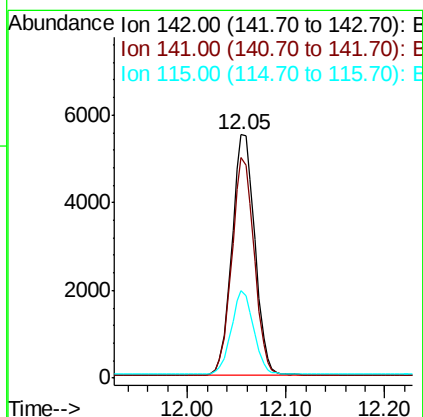
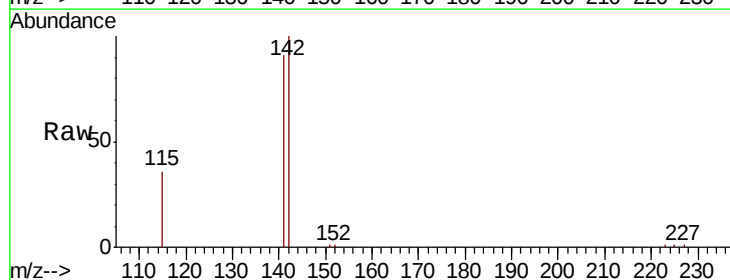
Instrument :
 BNA_N
 ClientSampleId :

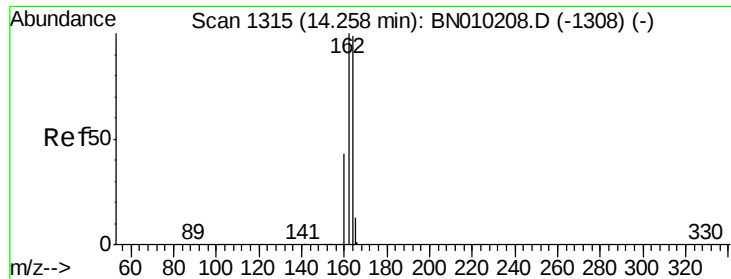
Tot Ion:152 Resp: 8087
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.388 ng
 RT: 12.05 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BN010245.D
 Acq: 17 Mar 2020 18:24

Tgt Ion:142 Resp: 8910
 Ion Ratio Lower Upper
 142 100
 141 90.7 73.7 110.5
 115 36.1 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: BN010245.D

Acq: 17 Mar 2020 18:24

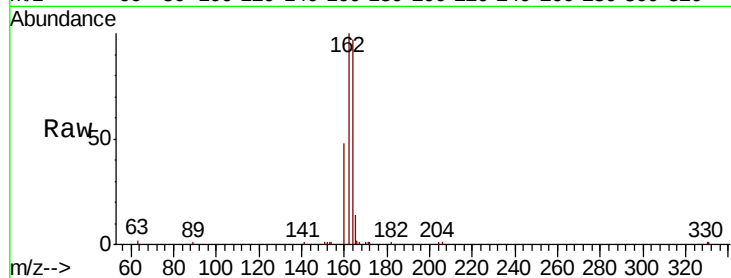
Instrument :

BNA_N

ClientSampleId :

Tot Ion:164 Resp: 7772

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.0	121.4
160	49.0	35.6	53.4

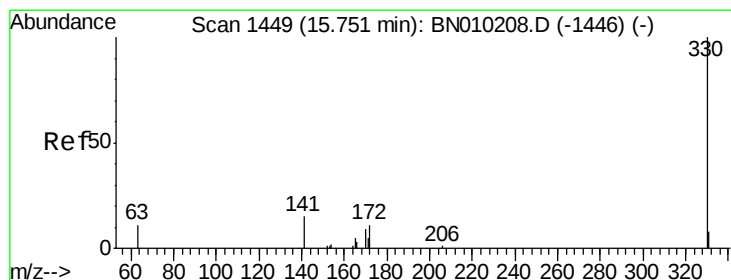
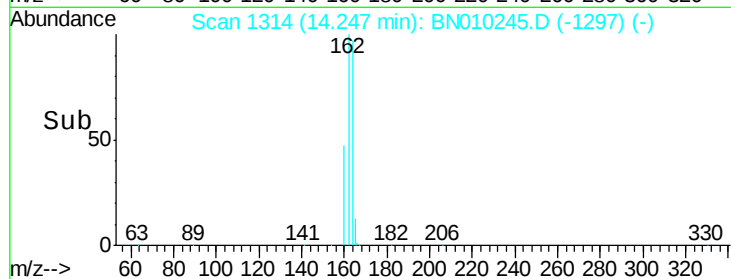
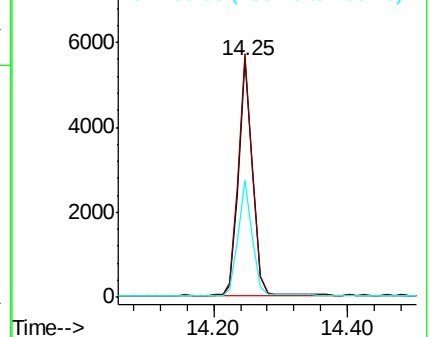


Abundance

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: 0.357 ng

RT: 15.74 min Scan# 1448

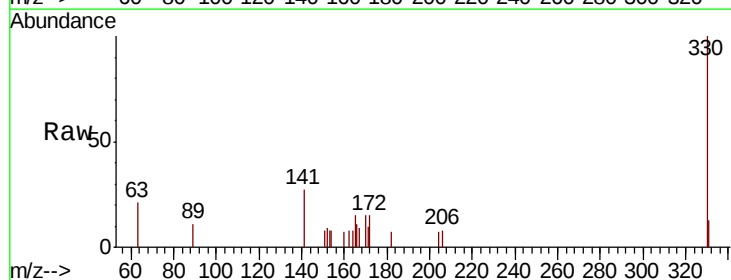
Delta R.T. -0.01 min

Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

Tgt Ion:330 Resp: 992

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.3	25.1	37.7

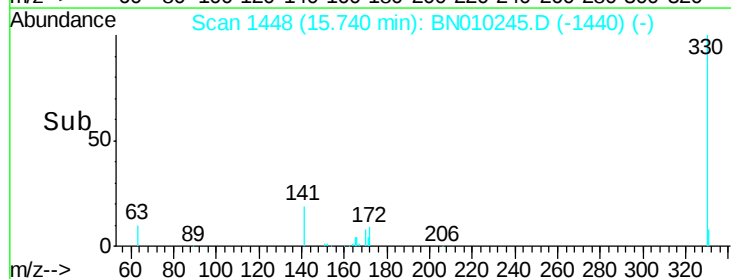
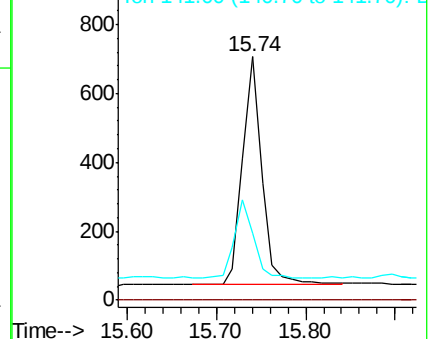


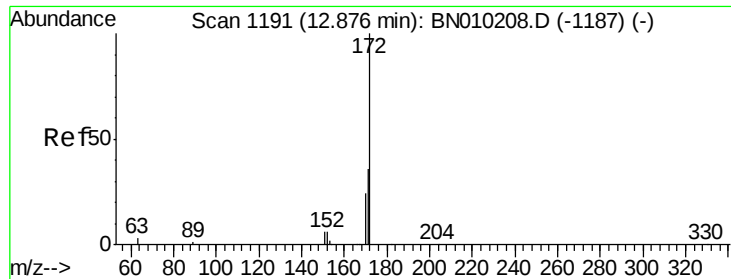
Abundance

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

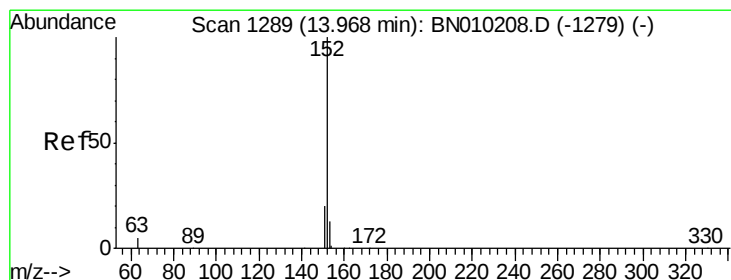
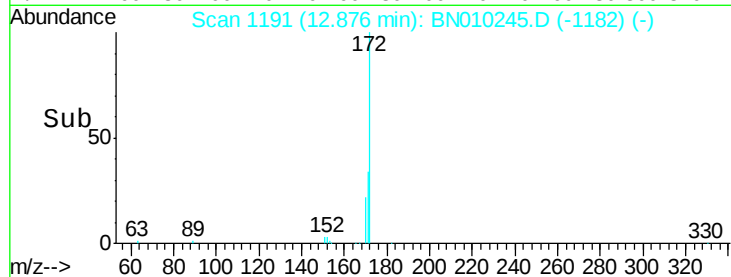
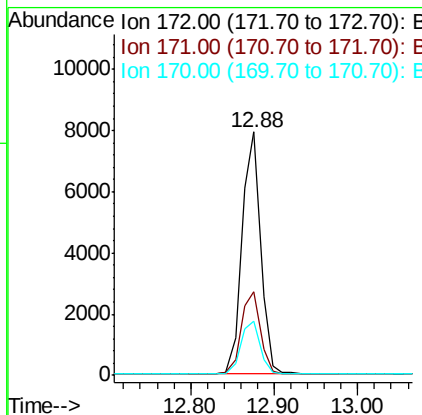
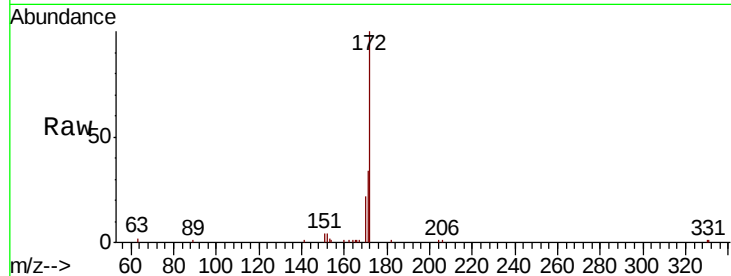




#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 12.88 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

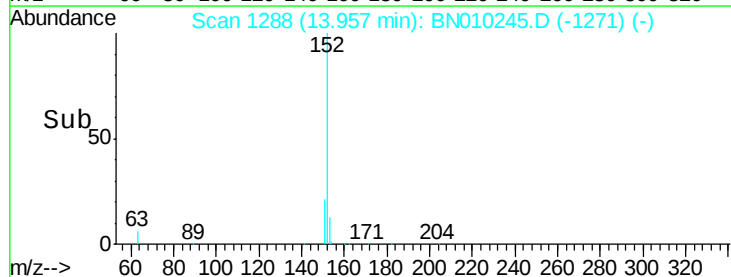
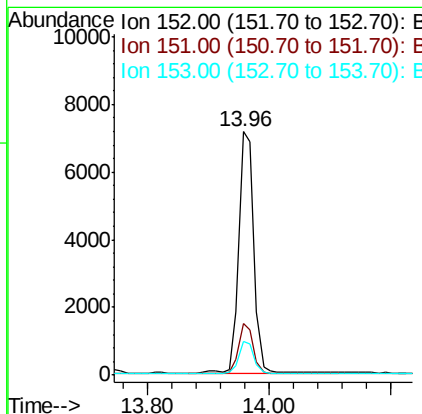
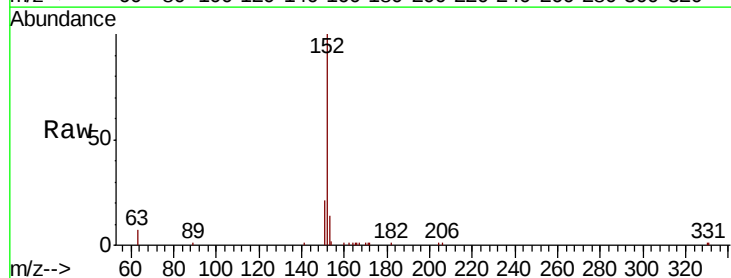
Instrument :
BNA_N
ClientSampleId :

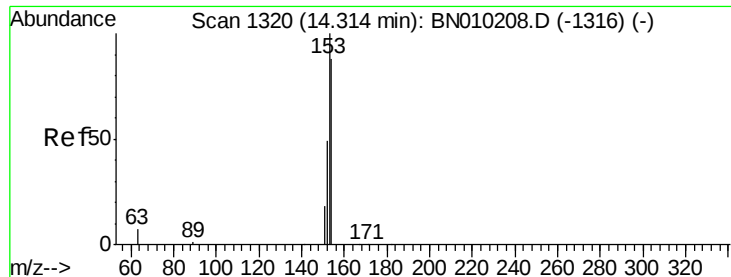
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.4	44.2
170	22.1	20.2	30.4



#16
Acenaphthylene
Concen: 0.342 ng
RT: 13.96 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.2	10.6	16.0





#17

Acenaphthene

Concen: 0.394 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

Instrument :

BNA_N

ClientSampleId :

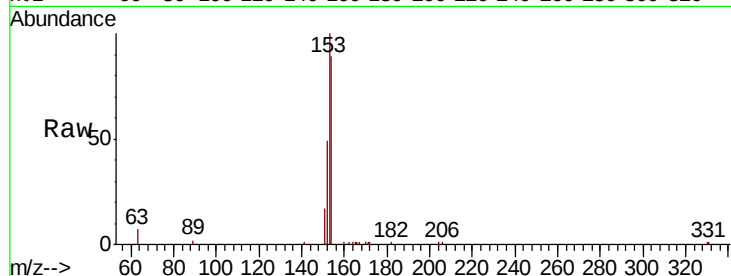
Tot Ion:154 Resp: 8579

Ion Ratio Lower Upper

154 100

153 112.1 90.3 135.5

152 57.1 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

14.31

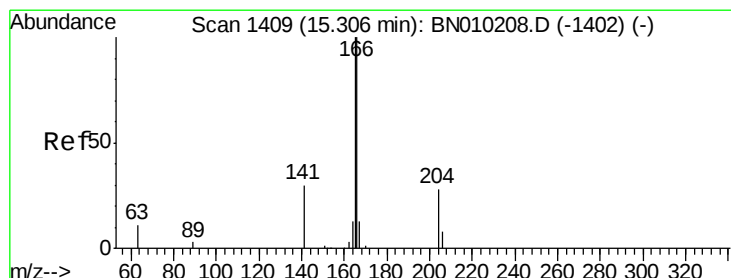
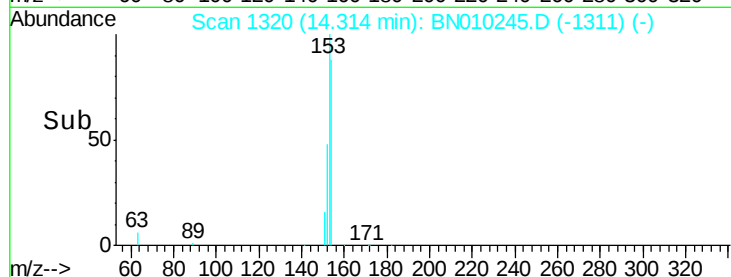
6000

4000

2000

0

Time--> 14.20 14.30 14.40 14.50



#18

Fluorene

Concen: 0.382 ng

RT: 15.29 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

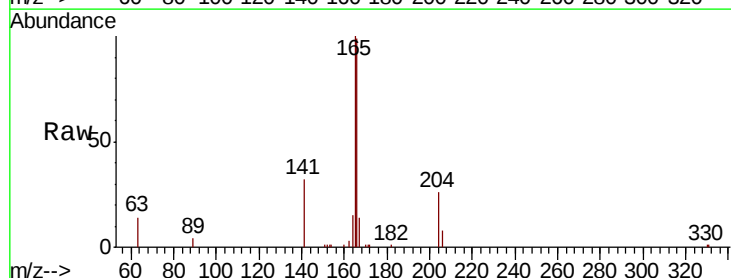
Tgt Ion:166 Resp: 11330

Ion Ratio Lower Upper

166 100

165 98.3 78.3 117.5

167 13.6 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

15.29

8000

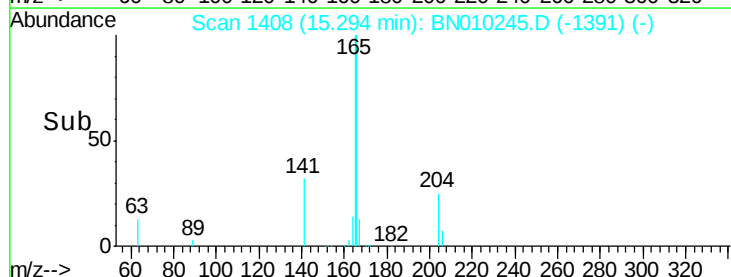
6000

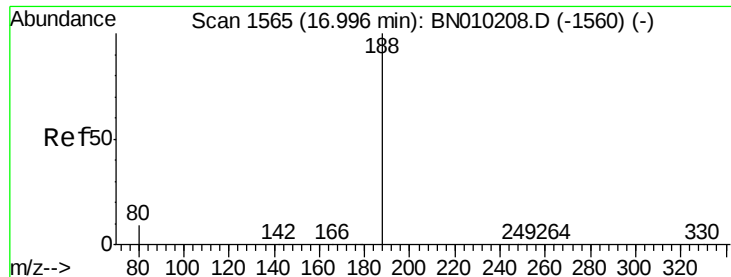
4000

2000

0

Time--> 15.20 15.40





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

Instrument :

BNA_N

ClientSampleId :

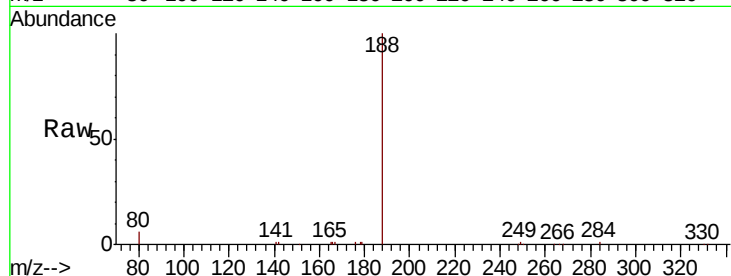
Tot Ion:188 Resp: 18253

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

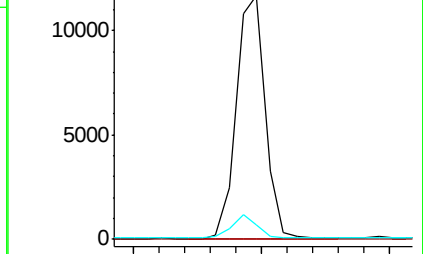
80 5.7 8.6 12.8#



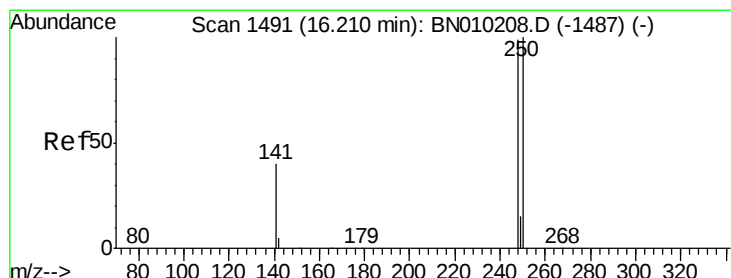
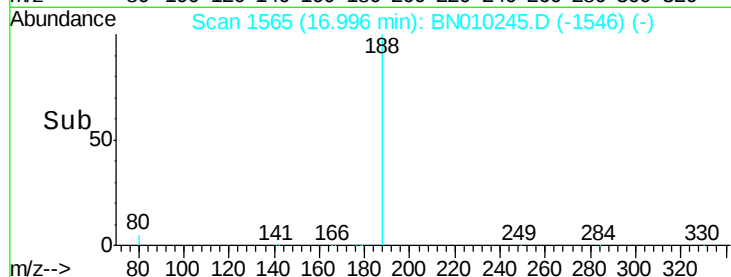
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.392 ng

RT: 16.20 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

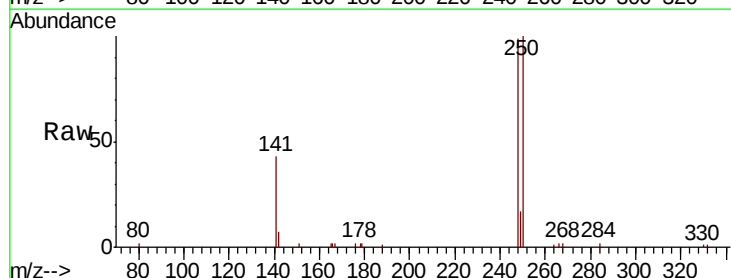
Tgt Ion:248 Resp: 4107

Ion Ratio Lower Upper

248 100

250 100.6 81.2 121.8

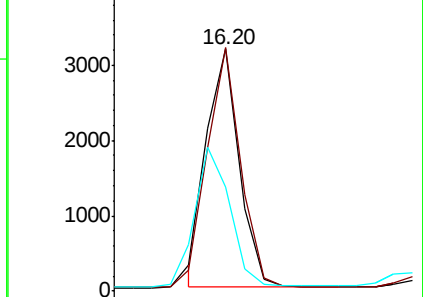
141 43.3 36.7 55.1



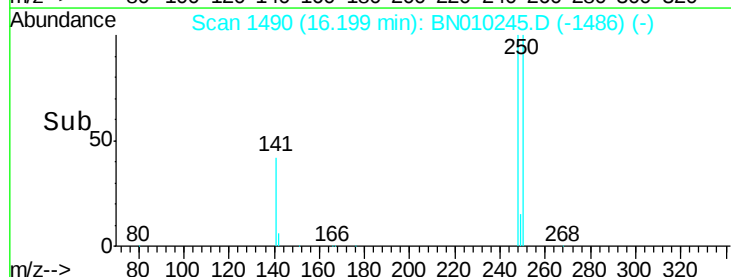
Abundance Ion 248.00 (247.70 to 248.70): E

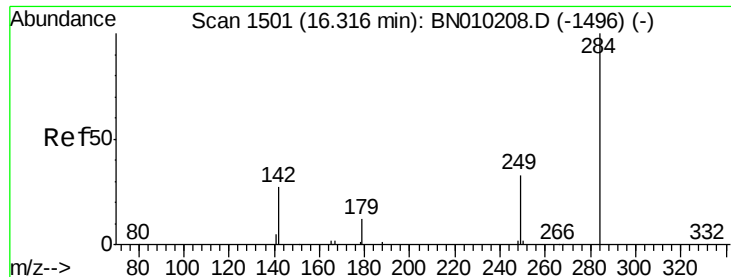
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#21

Hexachlorobenzene

Concen: 0.452 ng

RT: 16.31 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

Instrument :

BNA_N

ClientSampleId :

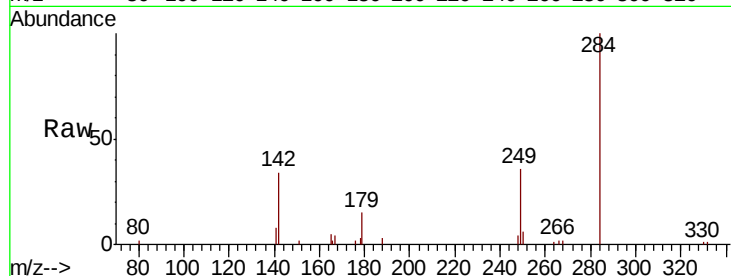
Tot Ion:284 Resp: 4628

Ion Ratio Lower Upper

284 100

142 33.4 27.8 41.6

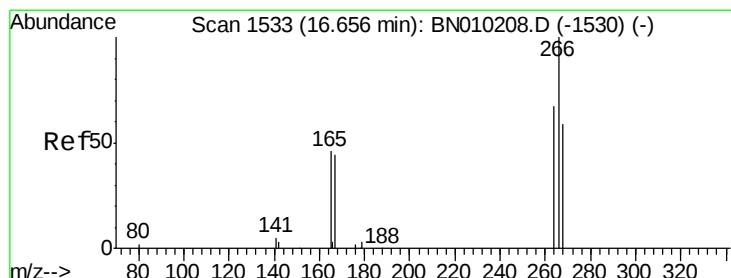
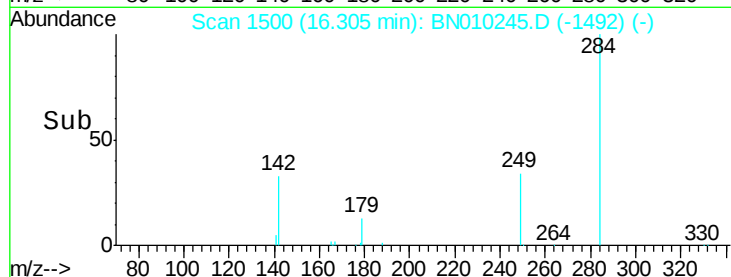
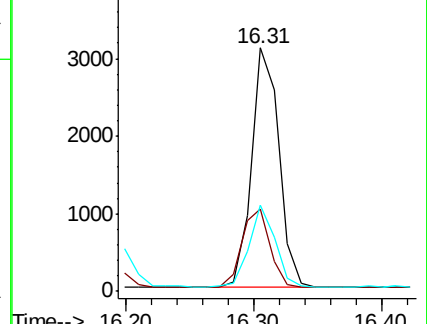
249 32.6 26.6 39.8



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: 0.357 ng

RT: 16.65 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

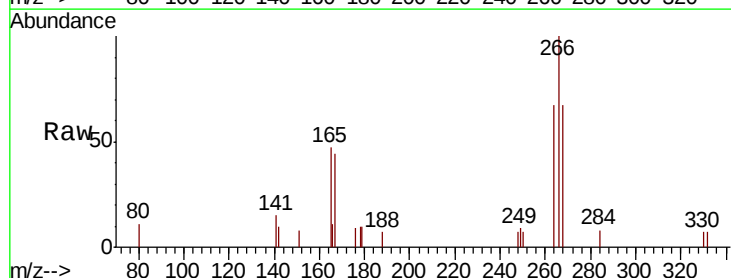
Tgt Ion:266 Resp: 1127

Ion Ratio Lower Upper

266 100

264 66.7 56.2 84.2

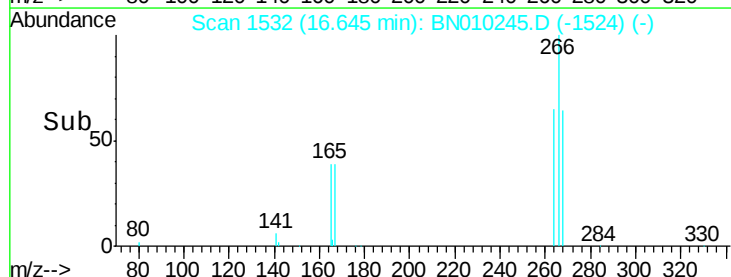
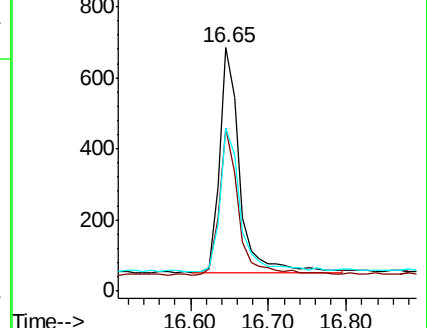
268 67.0 61.4 92.2

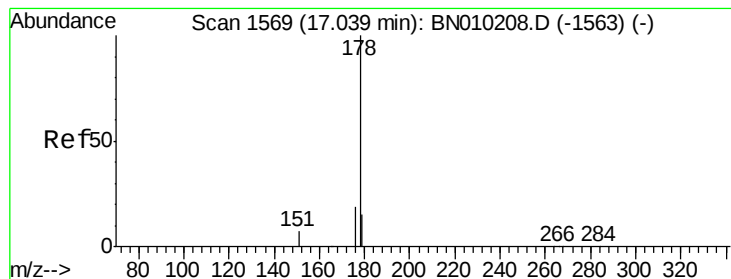


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.405 ng

RT: 17.03 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

Instrument :

BNA_N

ClientSampleId :

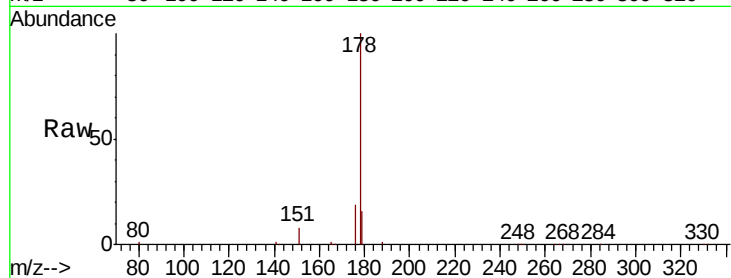
Tot Ion:178 Resp: 19629

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

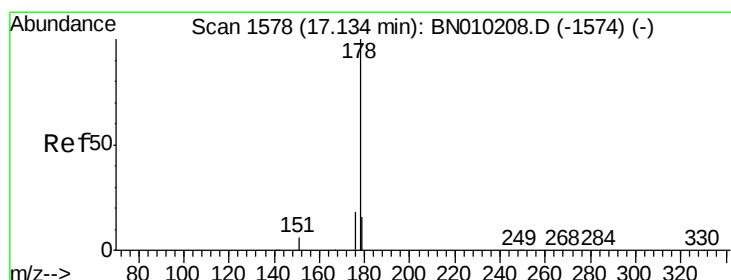
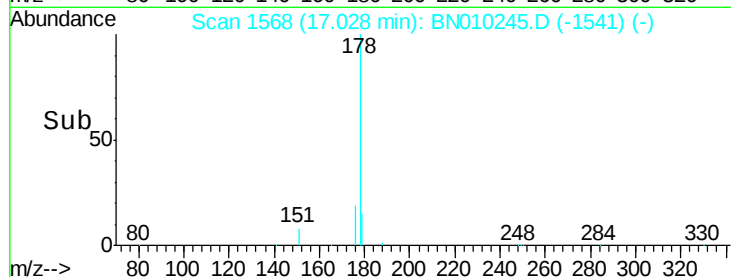
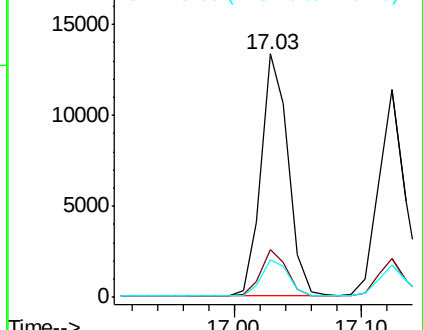
179 15.5 12.5 18.7



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: 0.341 ng

RT: 17.12 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

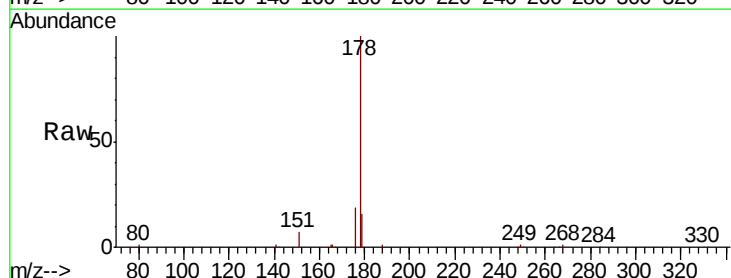
Tgt Ion:178 Resp: 16461

Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

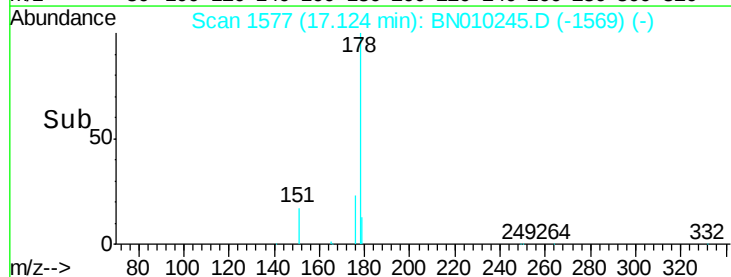
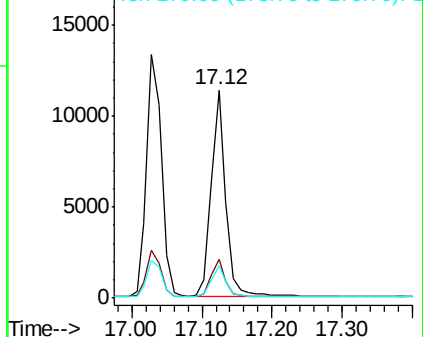
179 15.1 12.5 18.7

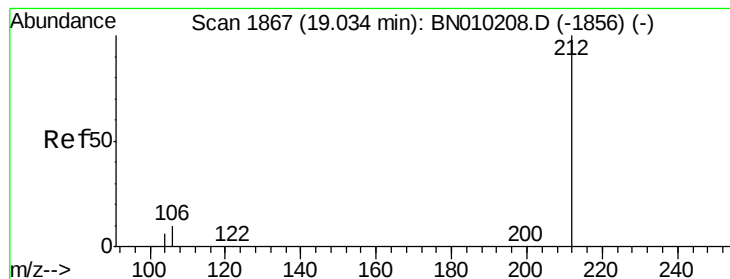


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.368 ng

RT: 19.02 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

Instrument :

BNA_N

ClientSampleId :

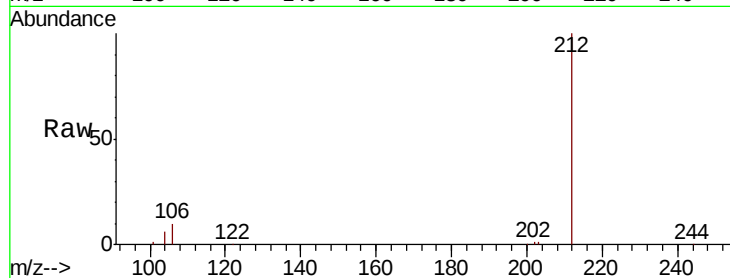
Tot Ion:212 Resp: 20726

Ion Ratio Lower Upper

212 100

106 9.6 8.1 12.1

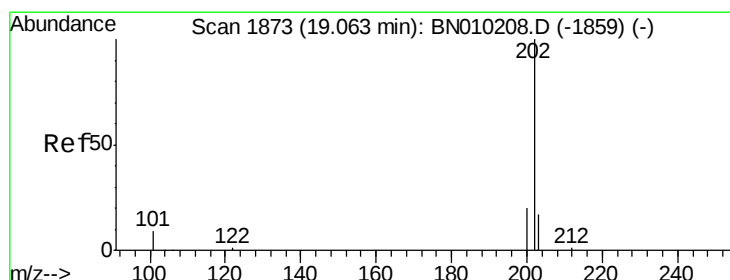
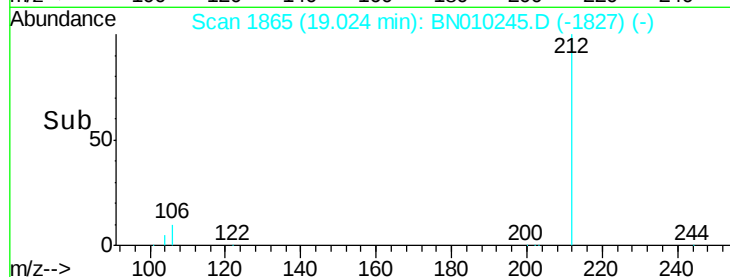
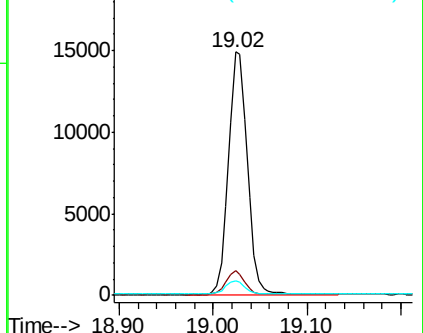
104 5.4 4.7 7.1



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: 0.384 ng

RT: 19.06 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

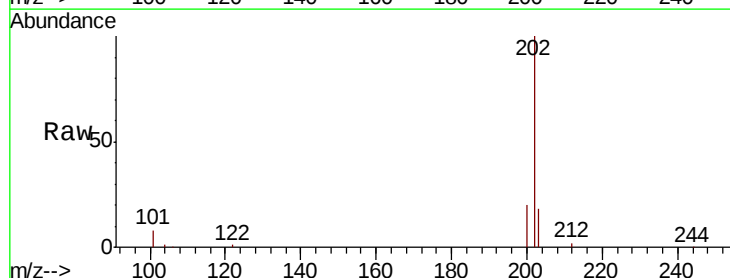
Tgt Ion:202 Resp: 23549

Ion Ratio Lower Upper

202 100

101 8.4 7.0 10.6

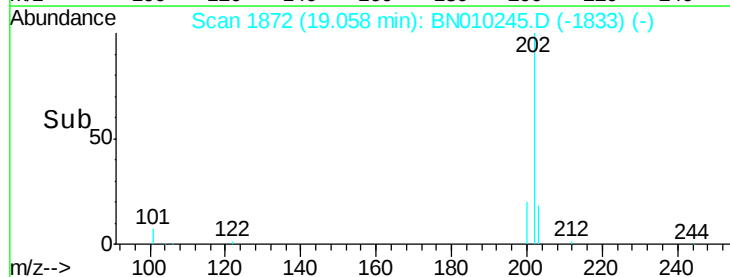
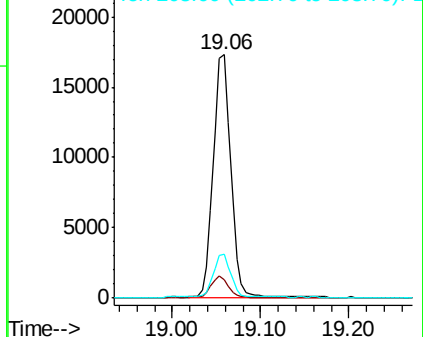
203 17.3 13.9 20.9

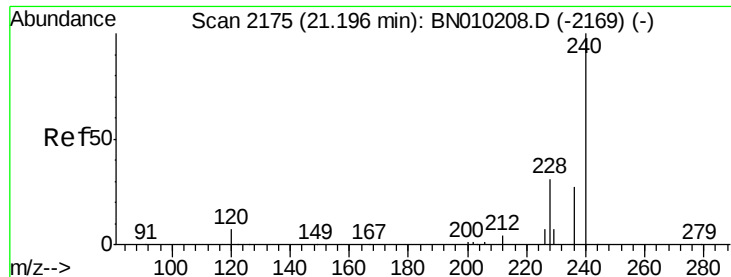


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

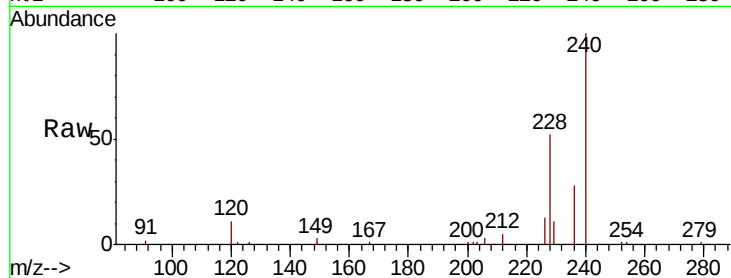




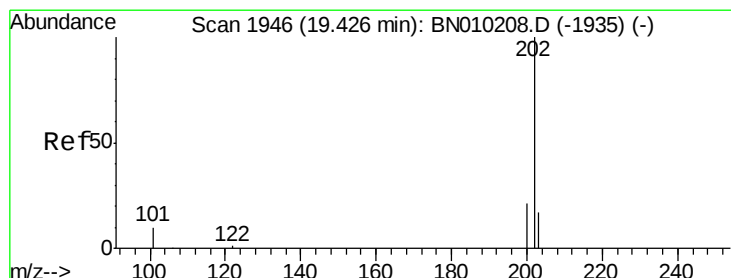
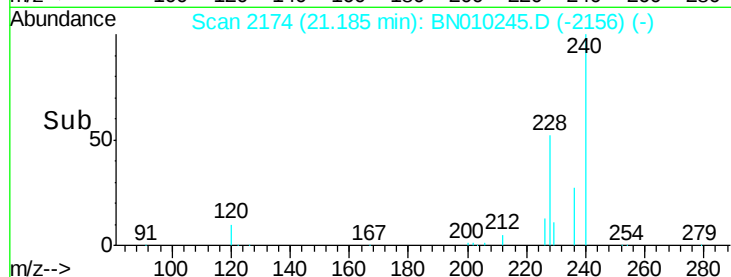
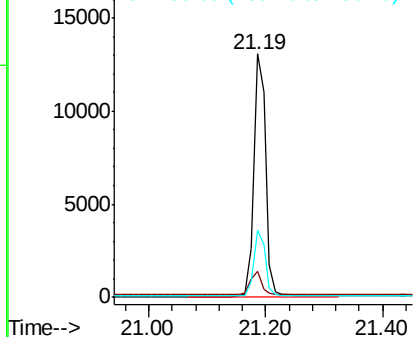
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.19 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BN010245.D
 Acq: 17 Mar 2020 18:24

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:240 Resp: 18534
 Ion Ratio Lower Upper
 240 100
 120 10.6 7.7 11.5
 236 27.7 21.8 32.6

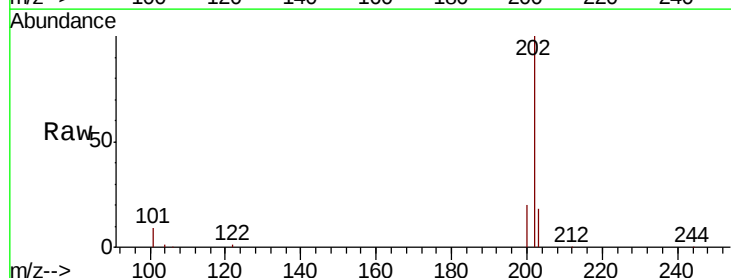


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

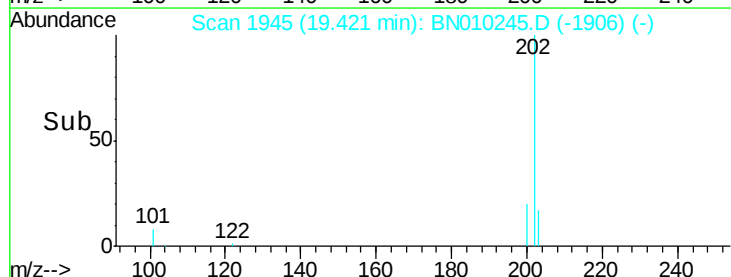
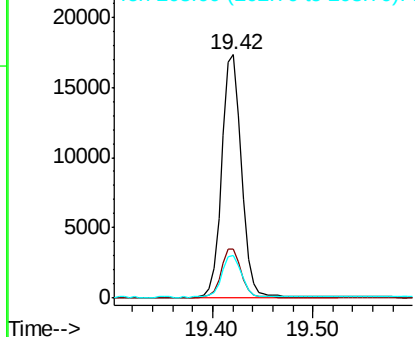


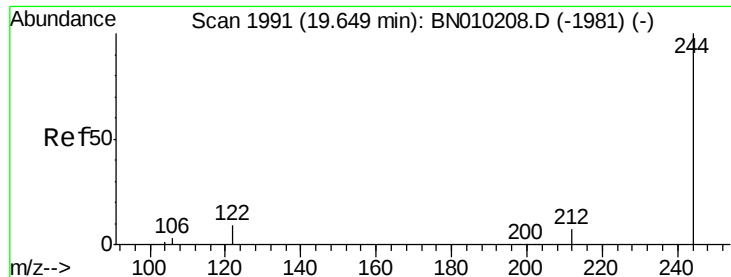
#28
 Pyrene
 Concen: 0.379 ng
 RT: 19.42 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BN010245.D
 Acq: 17 Mar 2020 18:24

Tgt Ion:202 Resp: 23489
 Ion Ratio Lower Upper
 202 100
 200 20.3 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: 0.391 ng

RT: 19.64 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

Instrument :

BNA_N

ClientSampleId :

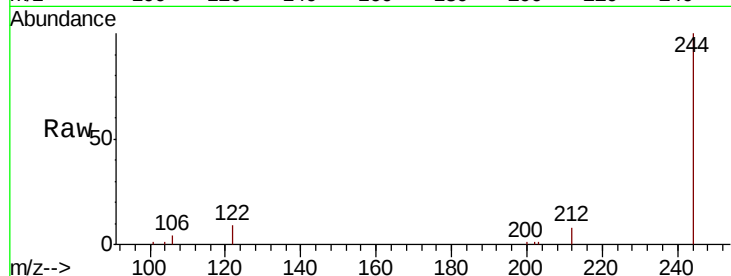
Tot Ion:244 Resp: 16539

Ion Ratio Lower Upper

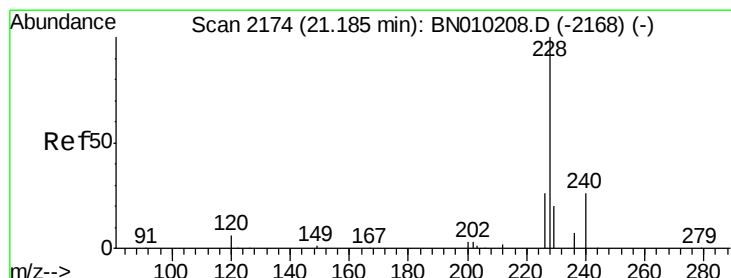
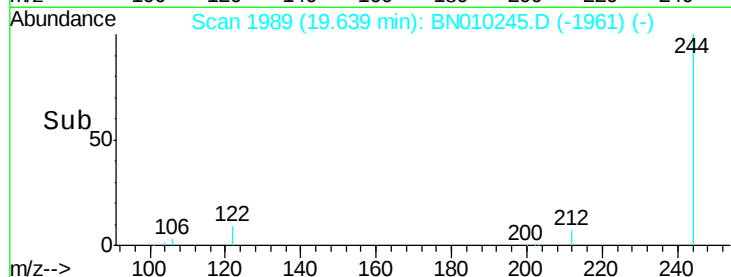
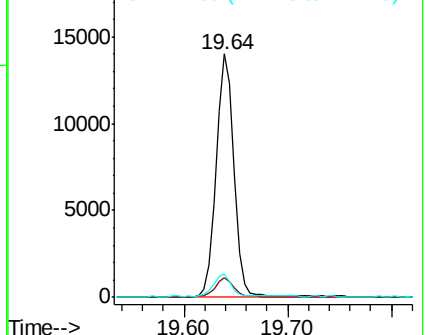
244 100

212 7.9 6.4 9.6

122 9.5 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: 0.349 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

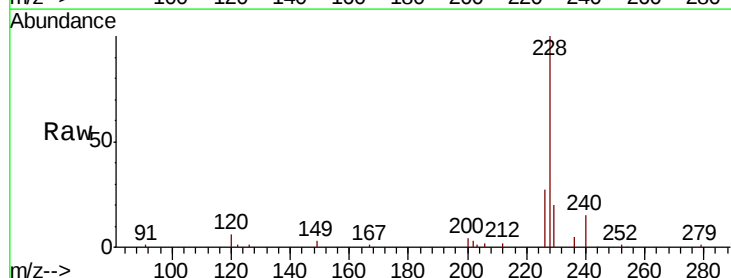
Tgt Ion:228 Resp: 22019

Ion Ratio Lower Upper

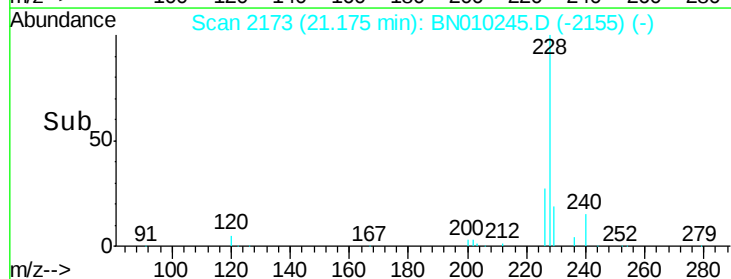
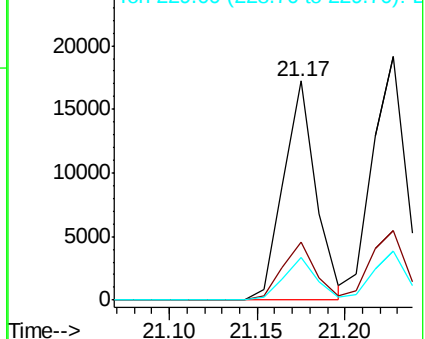
228 100

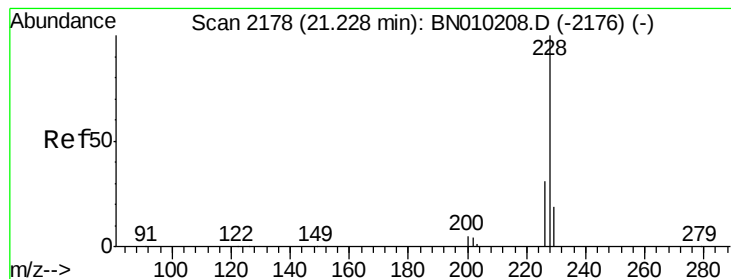
226 26.8 21.1 31.7

229 19.7 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

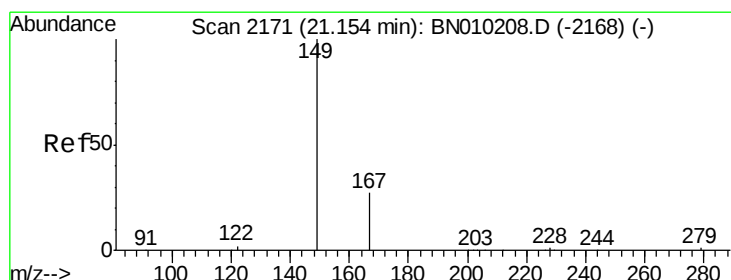
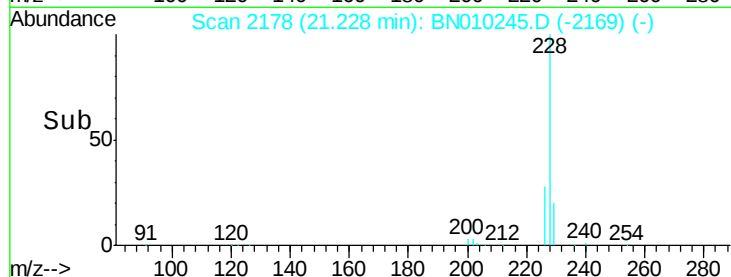
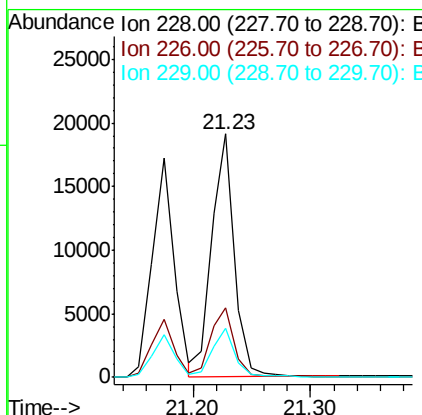
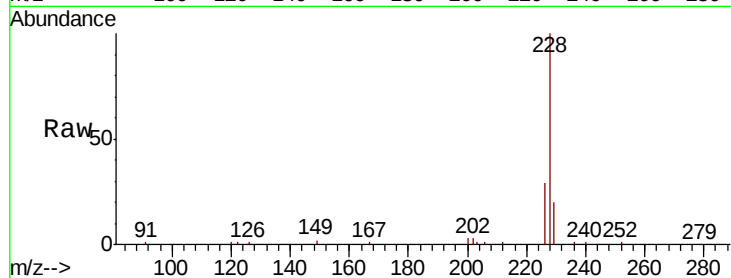




#31
Chrysene
Concen: 0.412 ng
RT: 21.23 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

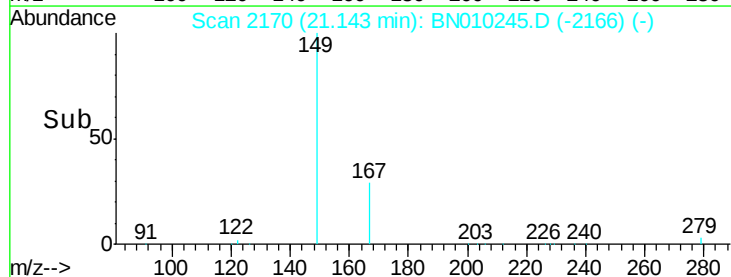
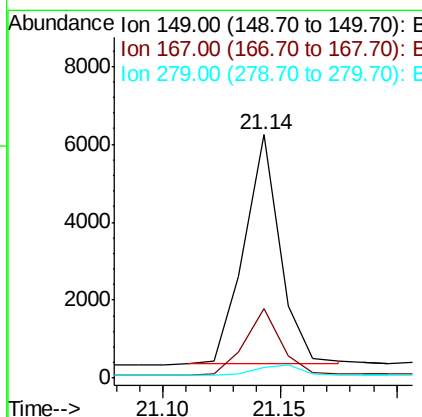
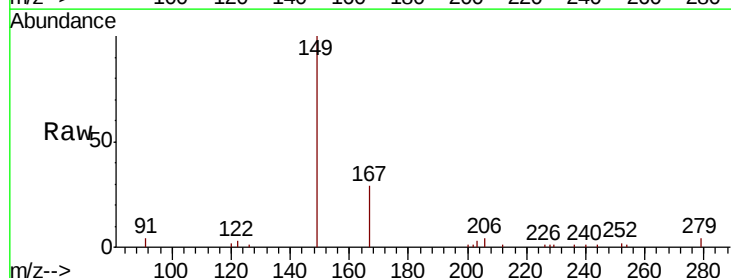
Instrument :
BNA_N
ClientSampled :

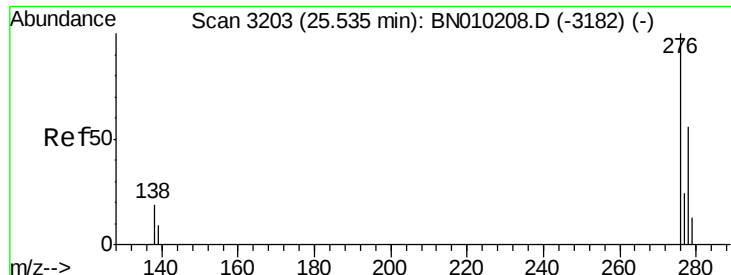
Tot Ion:228 Resp: 25575
Ion Ratio Lower Upper
228 100
226 28.7 25.0 37.4
229 20.0 15.7 23.5



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.235 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Tgt Ion:149 Resp: 6303
Ion Ratio Lower Upper
149 100
167 28.8 21.0 31.4
279 5.1 3.1 4.7#



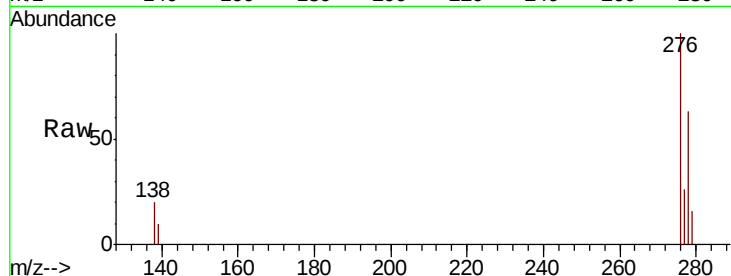


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng
RT: 25.52 min Scan# 3198
Delta R.T. -0.02 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

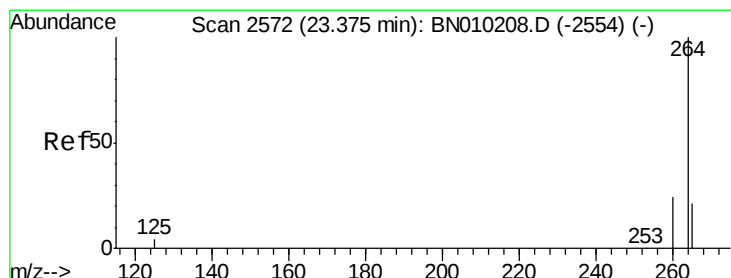
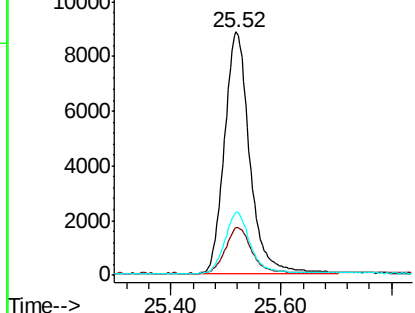
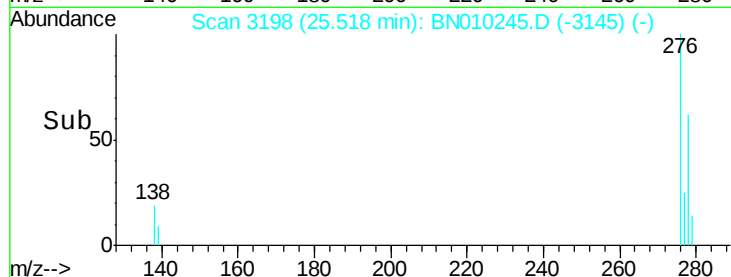
Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 28269

Ion	Ratio	Lower	Upper
276	100		
138	19.3	15.8	23.6
277	25.0	19.3	28.9



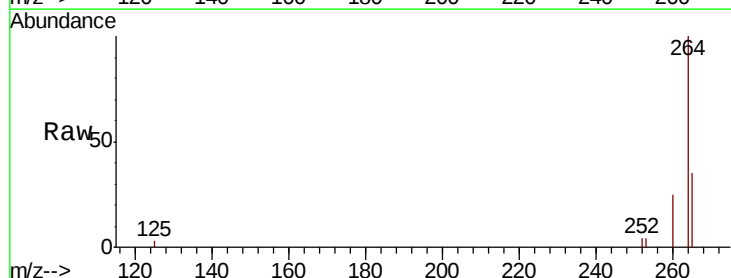
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



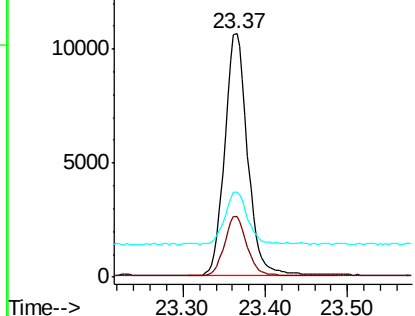
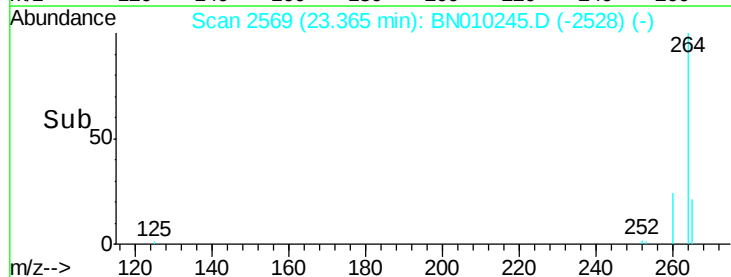
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.37 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

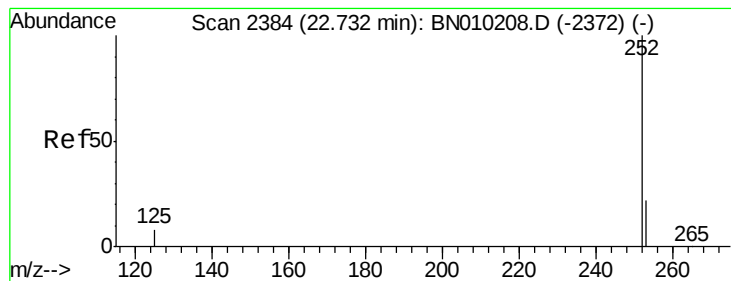
Tgt Ion:264 Resp: 20614

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	34.7	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: 0.384 ng

RT: 22.72 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

Instrument :

BNA_N

ClientSampled :

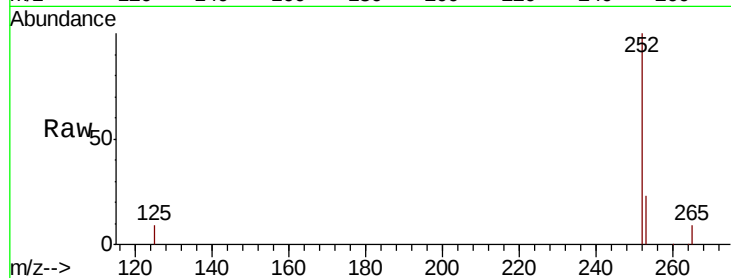
Tot Ion:252 Resp: 24334

Ion Ratio Lower Upper

252 100

253 23.0 18.6 28.0

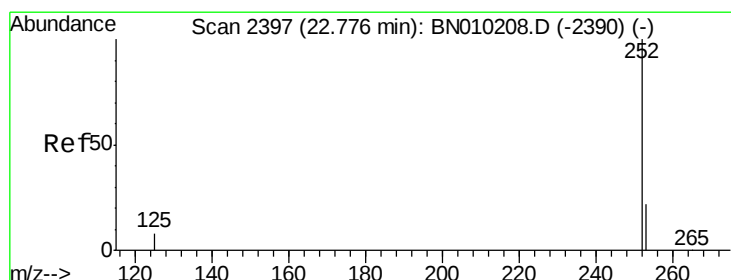
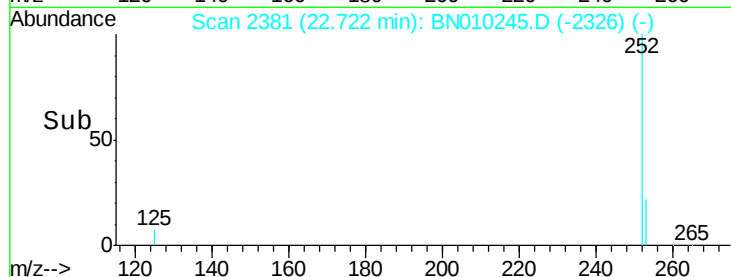
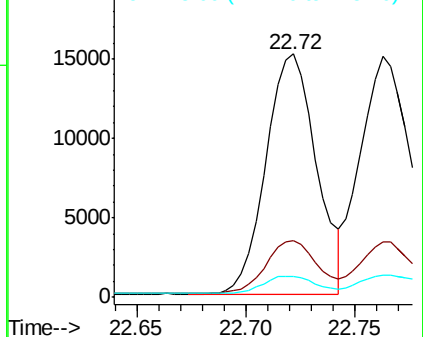
125 8.5 7.9 11.9



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: 0.395 ng

RT: 22.76 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

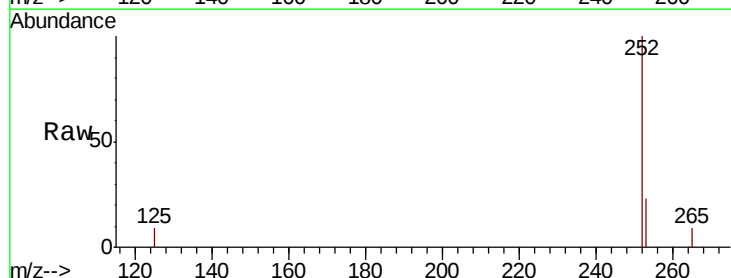
Tgt Ion:252 Resp: 25311

Ion Ratio Lower Upper

252 100

253 23.1 18.8 28.2

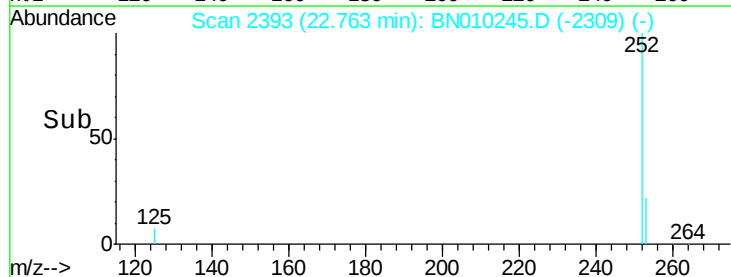
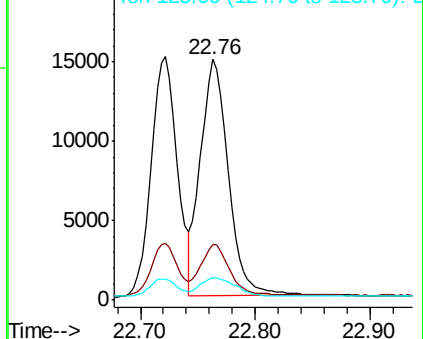
125 9.0 8.2 12.4

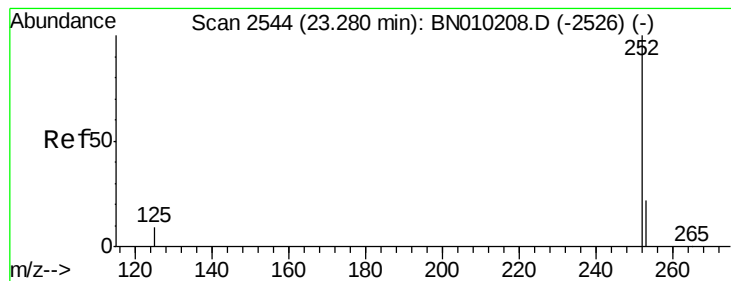


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.349 ng

RT: 23.27 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

Instrument :

BNA_N

ClientSampleId :

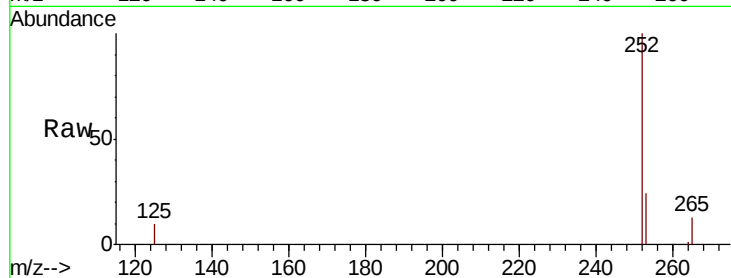
Tot Ion:252 Resp: 20894

Ion Ratio Lower Upper

252 100

253 24.2 19.1 28.7

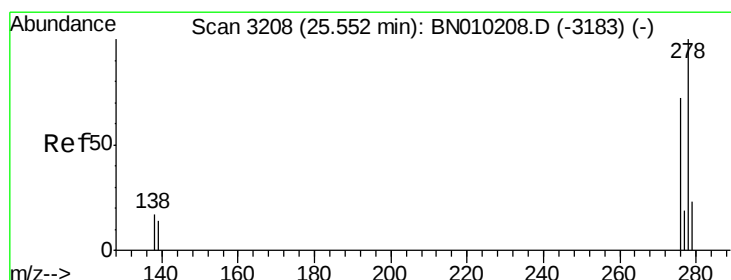
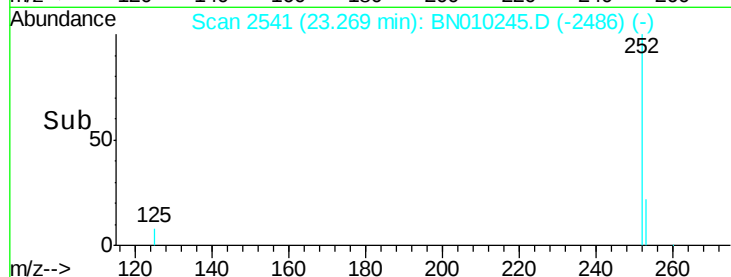
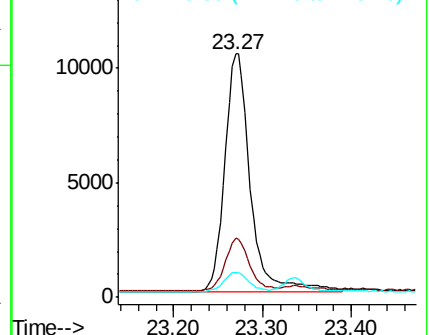
125 10.2 9.2 13.8



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: 0.395 ng

RT: 25.53 min Scan# 3202

Delta R.T. -0.02 min

Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

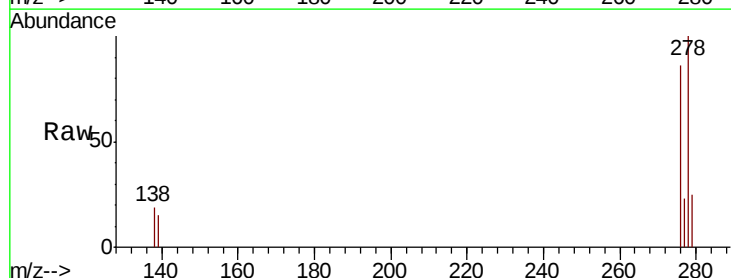
Tgt Ion:278 Resp: 23715

Ion Ratio Lower Upper

278 100

139 14.5 12.4 18.6

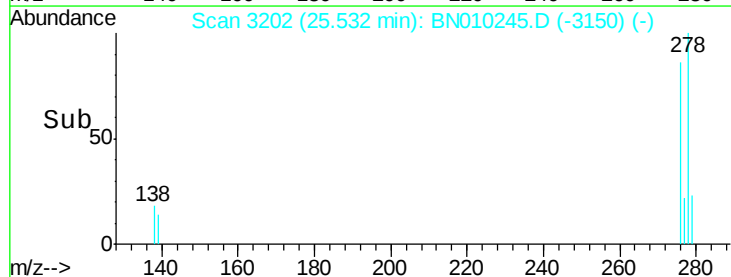
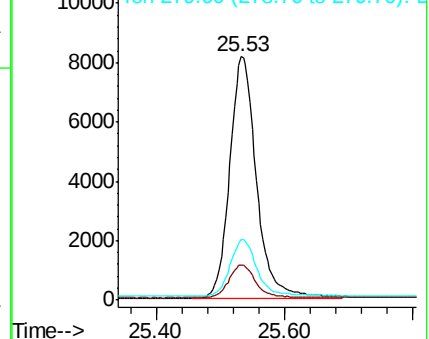
279 24.8 20.2 30.2

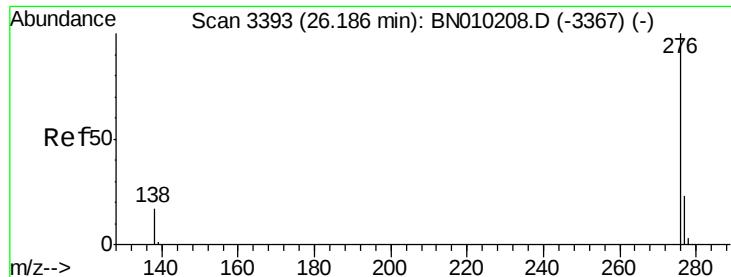


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.388 ng

RT: 26.17 min Scan# 3388

Delta R.T. -0.02 min

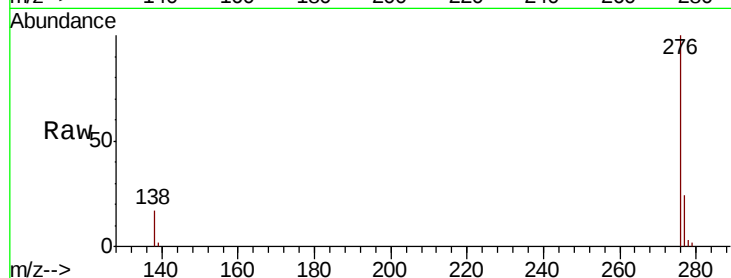
Lab File: BN010245.D

Acq: 17 Mar 2020 18:24

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 23217

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.2

138 17.2 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

