

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
 Data File : BN010204.D
 Acq On : 11 Mar 2020 22:22
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 12 07:16:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 11 17:37:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	597	0.40	ng	0.02
7) Naphthalene-d8	10.14	136	2498	0.40	ng	0.03
13) Acenaphthene-d10	14.01	164	1268	0.40	ng	0.01
19) Phenanthrene-d10	16.79	188	2838	0.40	ng	0.02
27) Chrysene-d12	21.00	240	2599	0.40	ng	0.01
34) Perylene-d12	23.10	264	2898	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	492	0.37	ng	0.03
5) Phenol-d6	6.67	99	742	0.46	ng	0.06
8) Nitrobenzene-d5	8.62	82	714	0.34	ng	0.06
11) 2-Methylnaphthalene-d10	11.76	152	1552	0.32	ng	0.03
14) 2,4,6-Tribromophenol	15.56	330	215	0.44	ng	0.02
15) 2-Fluorobiphenyl	12.65	172	1943	0.41	ng	0.02
25) Fluoranthene-d10	18.83	212	3875	0.39	ng	0.01
29) Terphenyl-d14	19.45	244	2687	0.43	ng	0.02

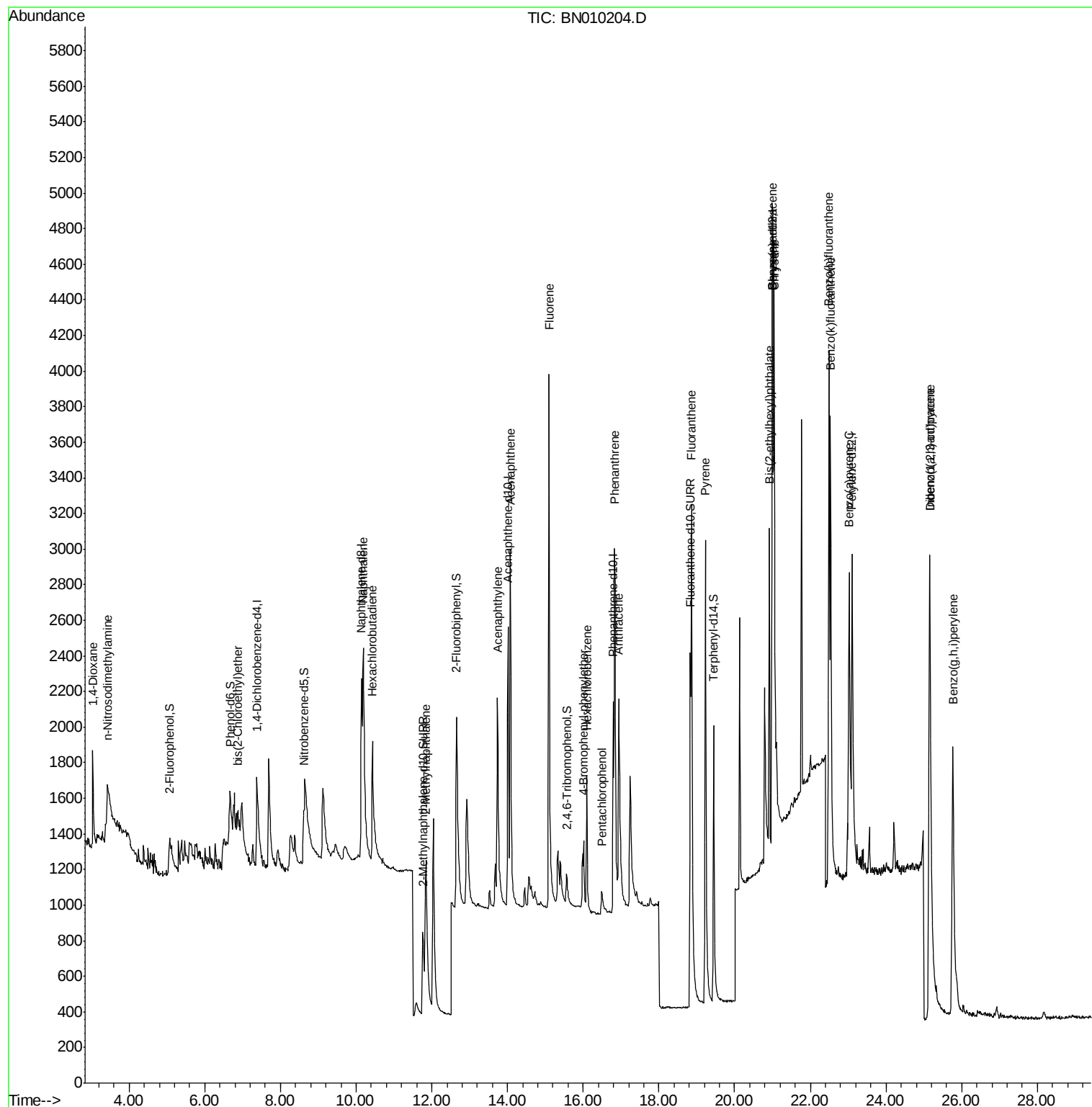
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.04	88	290	0.474	ng	90
3) n-Nitrosodimethylamine	3.43	42	422	0.420	ng	# 67
6) bis(2-Chloroethyl)ether	6.88	93	462	0.294	ng	# 72
9) Naphthalene	10.19	128	2674	0.392	ng	95
10) Hexachlorobutadiene	10.43	225	623	0.416	ng	# 95
12) 2-Methylnaphthalene	11.84	142	1444	0.309	ng	96
16) Acenaphthylene	13.73	152	2107	0.390	ng	98
17) Acenaphthene	14.08	154	1539	0.405	ng	100
18) Fluorene	15.09	166	1999	0.399	ng	98
20) 4-Bromophenyl-phenylether	16.01	248	452	0.170	ng	92
21) Hexachlorobenzene	16.09	284	734	0.415	ng	97
22) Pentachlorophenol	16.49	266	159	0.447	ng	93
23) Phenanthrene	16.83	178	3101	0.367	ng	99
24) Anthracene	16.94	178	2626	0.368	ng	99
26) Fluoranthene	18.86	202	3959	0.391	ng	99
28) Pyrene	19.23	202	4029	0.408	ng	99
30) Benzo(a)anthracene	20.99	228	2875	0.333	ng	99
31) Chrysene	21.04	228	4435	0.444	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	1633	0.388	ng	99
33) Indeno(1,2,3-cd)pyrene	25.15	276	4509	0.434	ng	97
35) Benzo(b)fluoranthene	22.49	252	3775	0.356	ng	# 95
36) Benzo(k)fluoranthene	22.53	252	4684	0.406	ng	98
37) Benzo(a)pyrene	23.02	252	3897	0.403	ng	# 92
38) Dibenzo(a,h)anthracene	25.16	278	3508	0.369	ng	95
39) Benzo(g,h,i)perylene	25.77	276	4298	0.424	ng	99

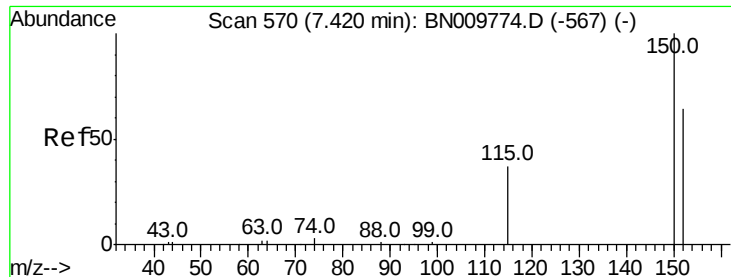
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
Data File : BN010204.D
Acq On : 11 Mar 2020 22:22
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 12 07:16:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 17:37:44 2020
Response via : Initial Calibration

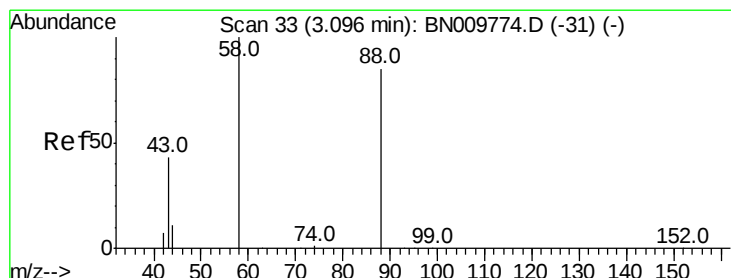
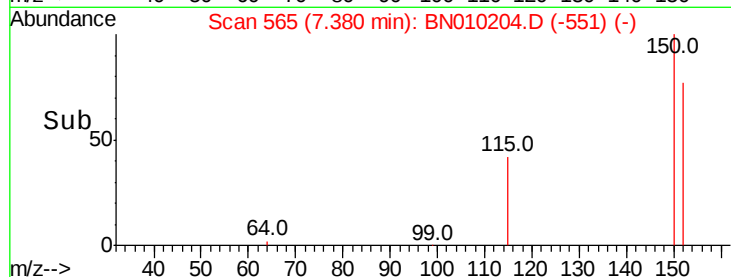
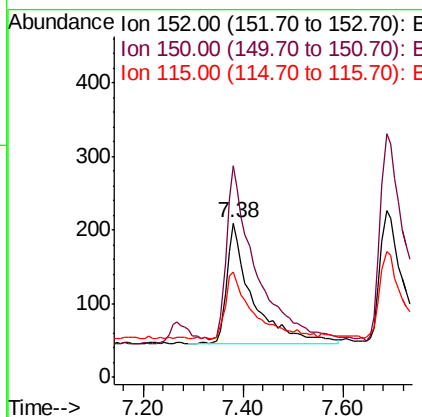
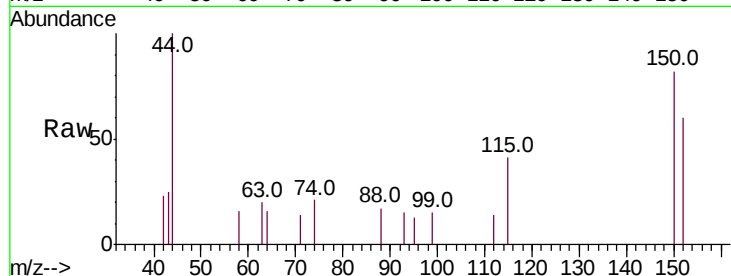




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.38 min Scan# 565
 Delta R.T. 0.02 min
 Lab File: BN010204.D
 Acq: 11 Mar 2020 22:22

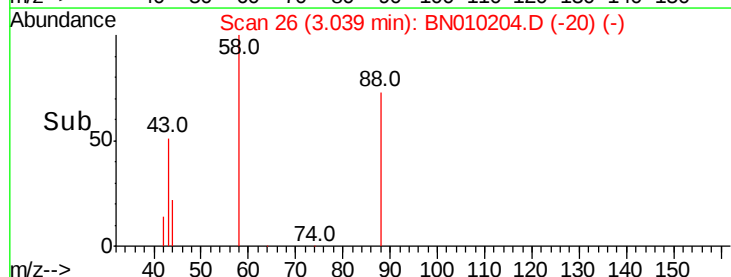
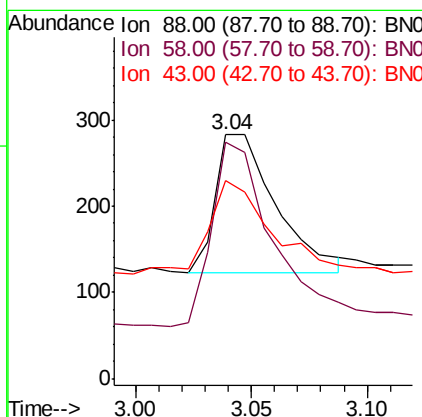
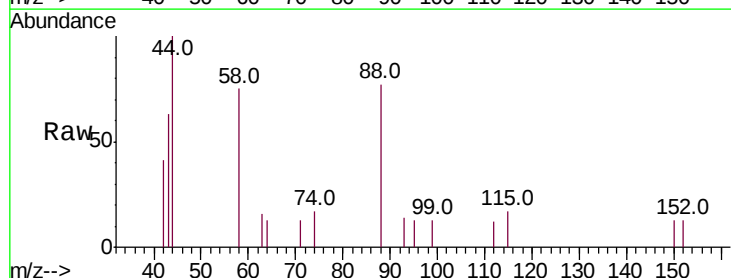
Instrument :
 BNA_N
 ClientSampleId :

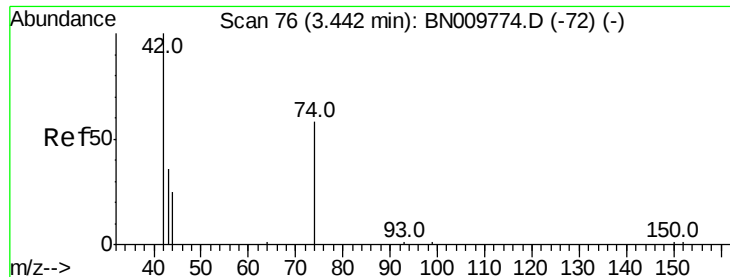
Tot Ion:152 Resp: 597
 Ion Ratio Lower Upper
 152 100
 150 136.7 120.6 181.0
 115 68.1 51.2 76.8



#2
 1,4-Dioxane
 Concen: 0.474 ng
 RT: 3.04 min Scan# 26
 Delta R.T. 0.00 min
 Lab File: BN010204.D
 Acq: 11 Mar 2020 22:22

Tgt Ion: 88 Resp: 290
 Ion Ratio Lower Upper
 88 100
 58 136.2 97.8 146.8
 43 59.7 45.1 67.7





#3

n-Nitrosodimethylamine

Concen: 0.420 ng

RT: 3.43 min Scan# 75

Delta R.T. 0.05 min

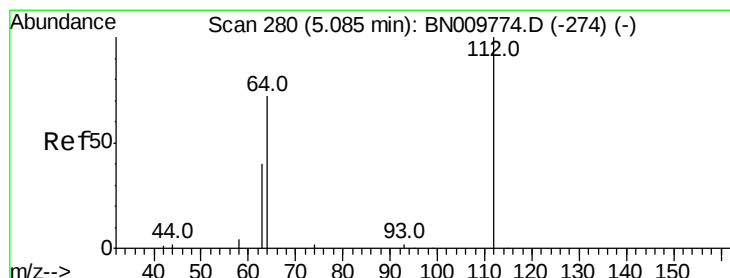
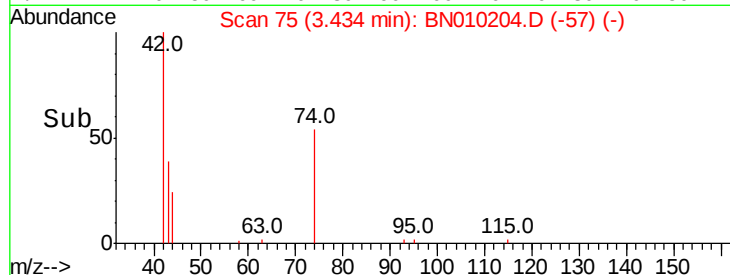
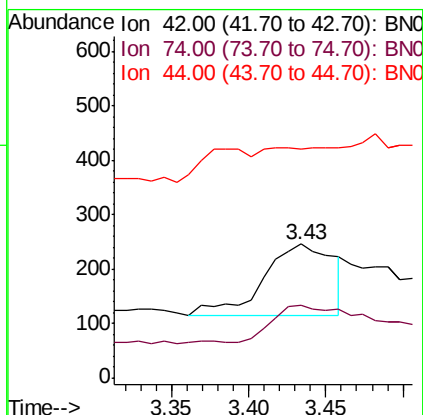
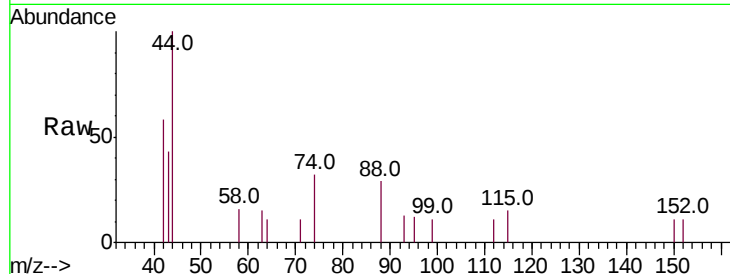
Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 42 Resp: 422

Ion	Ratio	Lower	Upper
42	100		
74	37.4	51.2	76.8#
44	0.0	2.6	4.0#



#4

2-Fluorophenol

Concen: 0.371 ng

RT: 5.07 min Scan# 278

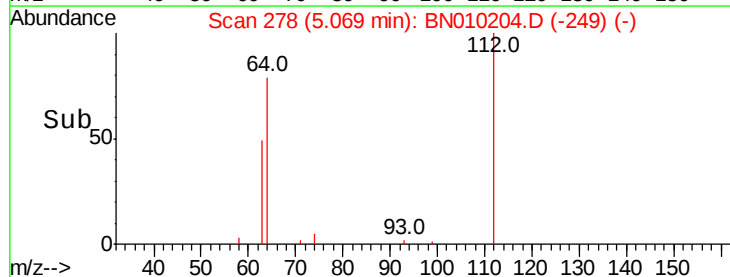
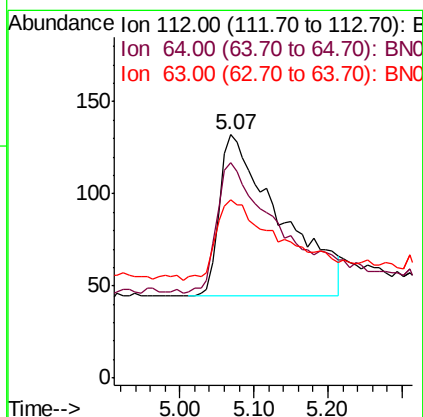
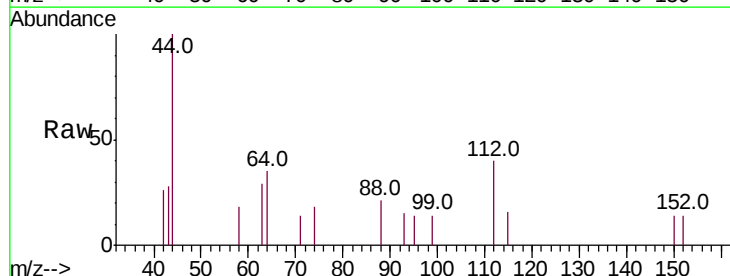
Delta R.T. 0.03 min

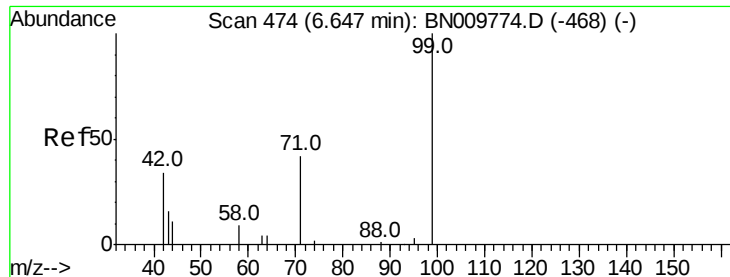
Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Tgt Ion: 112 Resp: 492

Ion	Ratio	Lower	Upper
112	100		
64	84.8	65.8	98.6
63	54.7	38.7	58.1





#5

Phenol-d6

Concen: 0.459 ng

RT: 6.67 min Scan# 477

Delta R.T. 0.06 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

ClientSampled :

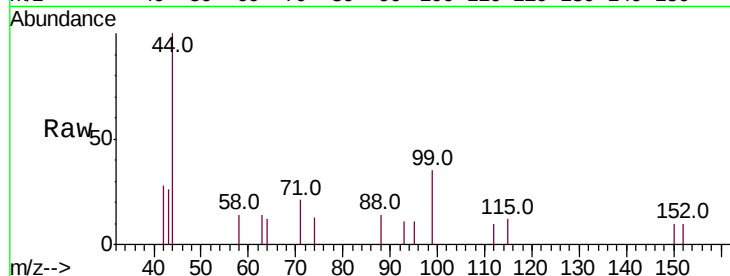
Tot Ion: 99 Resp: 742

Ion Ratio Lower Upper

99 100

42 35.3 30.8 46.2

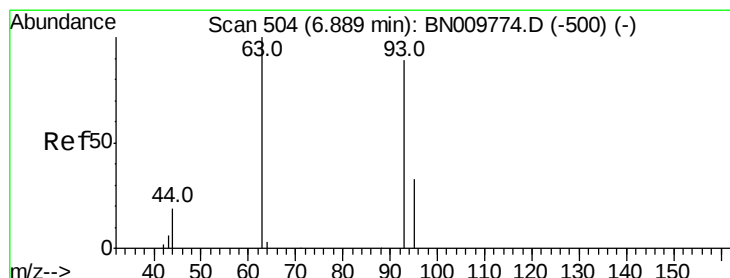
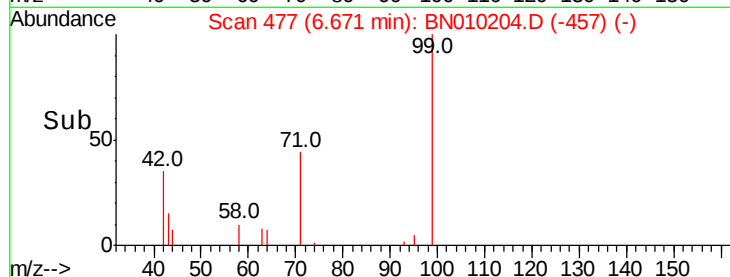
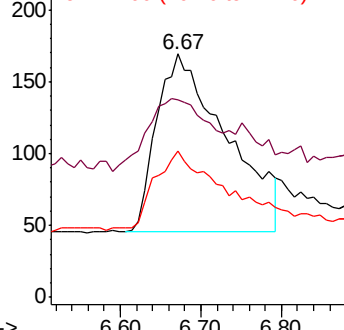
71 44.6 34.9 52.3



Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.294 ng

RT: 6.88 min Scan# 503

Delta R.T. 0.05 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

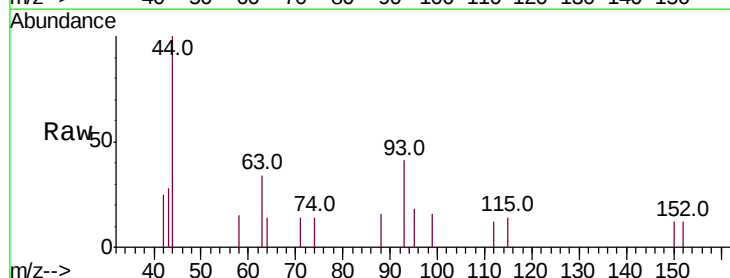
Tgt Ion: 93 Resp: 462

Ion Ratio Lower Upper

93 100

63 67.3 74.0 111.0#

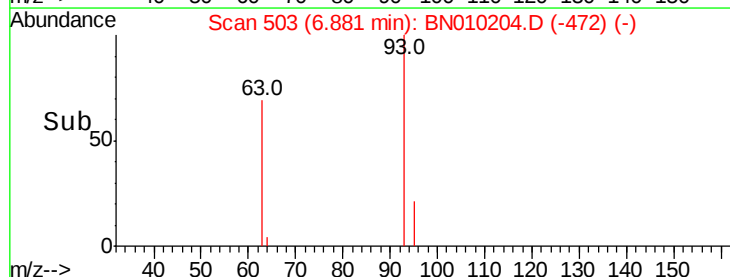
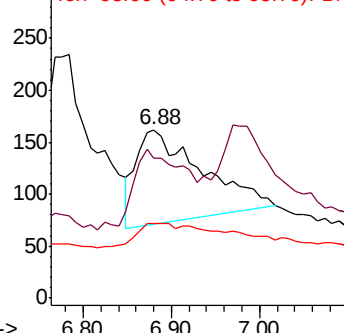
95 14.9 26.7 40.1#

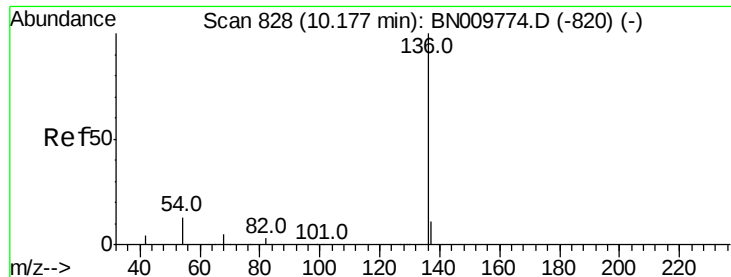


Abundance Ion 93.00 (92.70 to 93.70): BN0

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: 10.14 min Scan# 825

Delta R.T. 0.03 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 2498

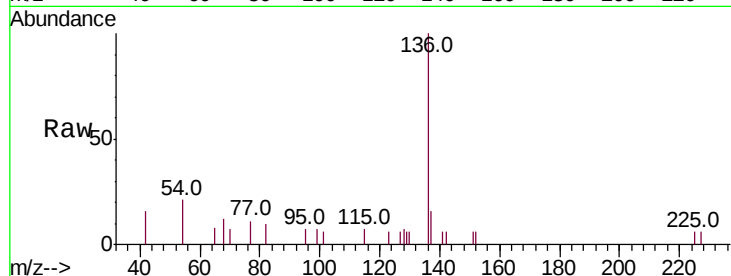
Ion Ratio Lower Upper

136 100

137 15.8 11.3 16.9

54 21.5 13.4 20.2#

68 11.7 7.0 10.4#

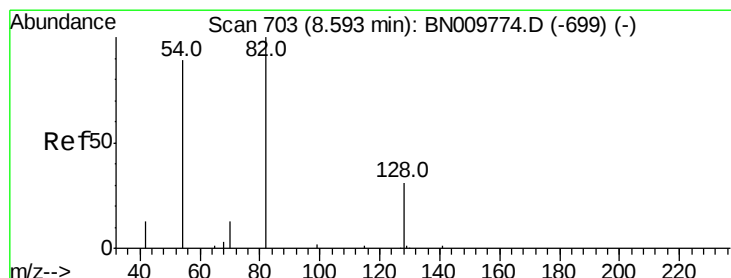
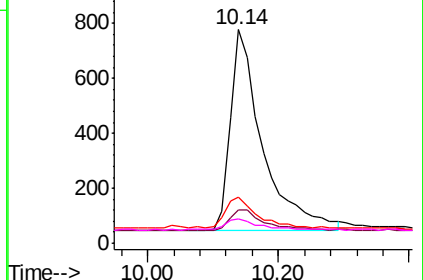
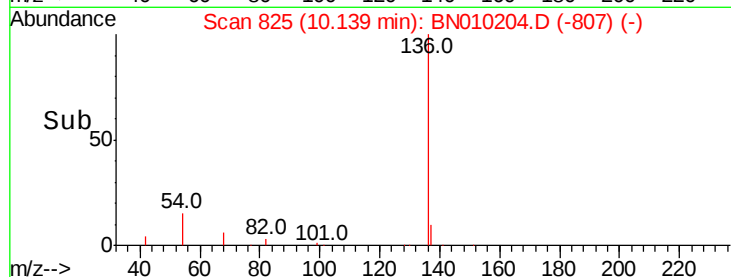


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.343 ng

RT: 8.62 min Scan# 705

Delta R.T. 0.06 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

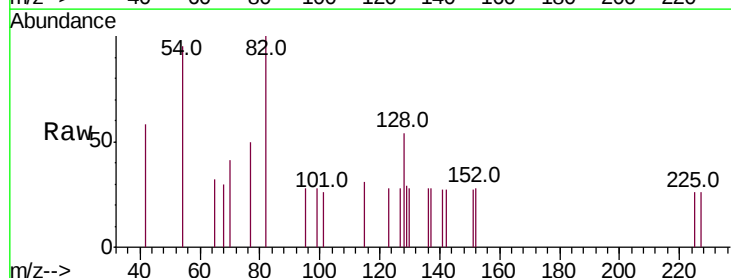
Tgt Ion: 82 Resp: 714

Ion Ratio Lower Upper

82 100

128 54.1 32.5 48.7#

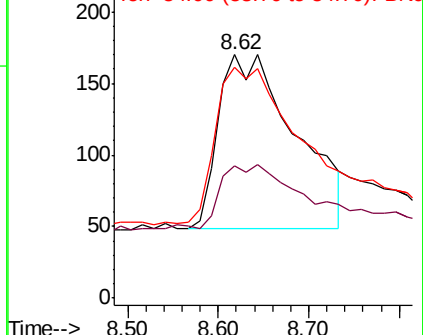
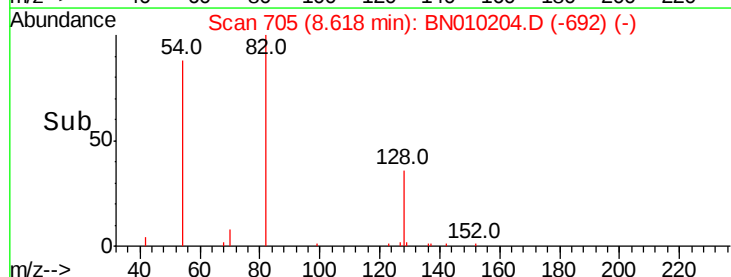
54 94.7 73.5 110.3

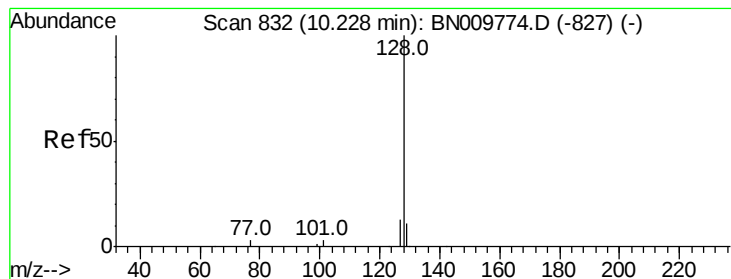


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.392 ng

RT: 10.19 min Scan# 829

Delta R.T. 0.03 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

ClientSampleId :

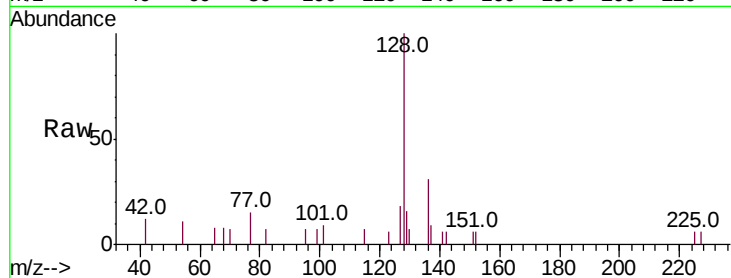
Tot Ion:128 Resp: 2674

Ion Ratio Lower Upper

128 100

129 16.1 11.1 16.7

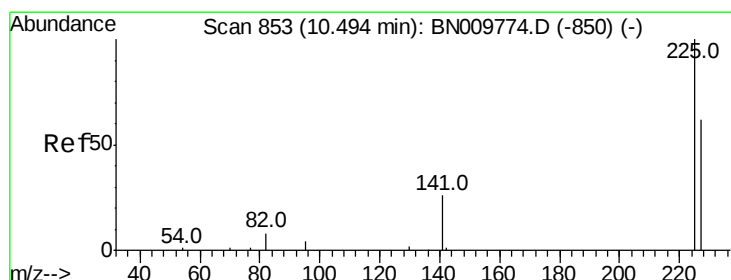
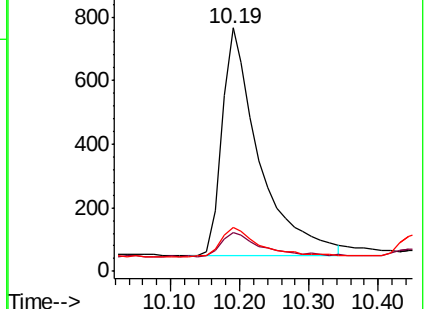
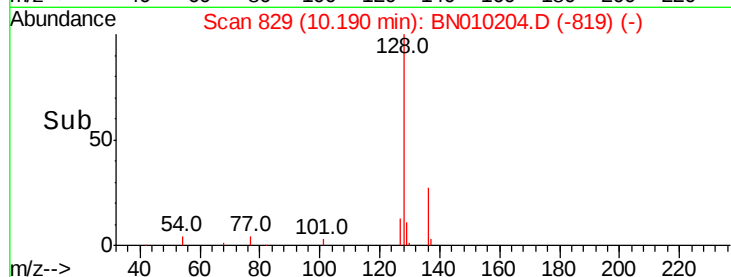
127 18.1 12.6 19.0



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: 0.416 ng

RT: 10.43 min Scan# 848

Delta R.T. 0.00 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

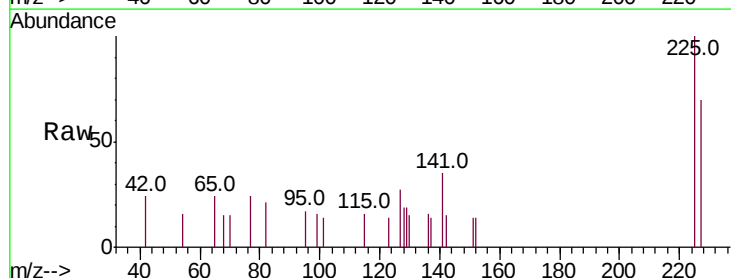
Tgt Ion:225 Resp: 623

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

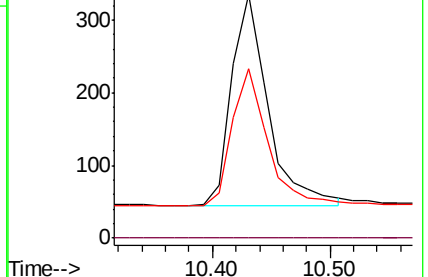
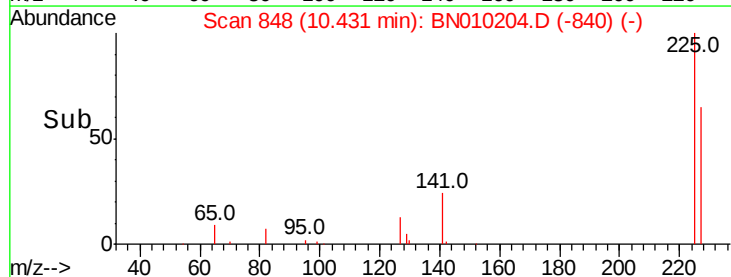
227 62.9 53.4 80.2

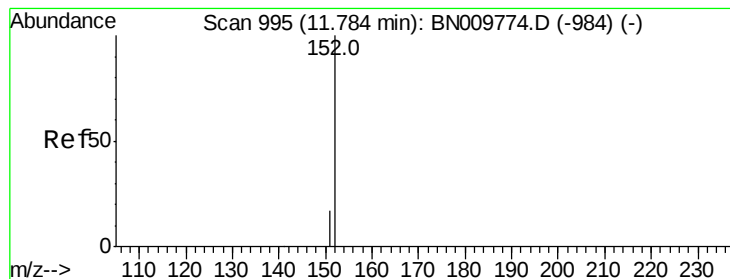


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.321 ng

RT: 11.76 min Scan# 990

Delta R.T. 0.03 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

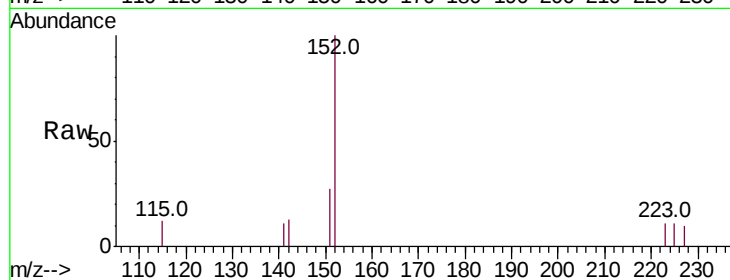
ClientSampleId :

Tot Ion:152 Resp: 1552

Ion Ratio Lower Upper

152 100

151 19.5 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.76

400

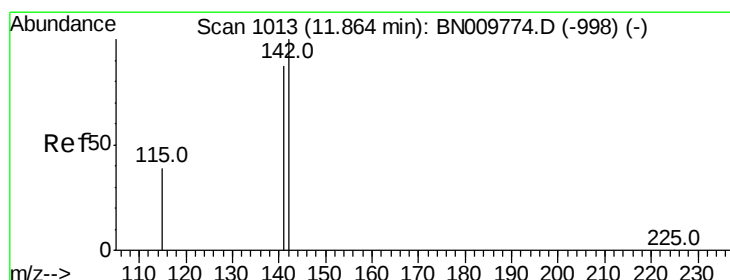
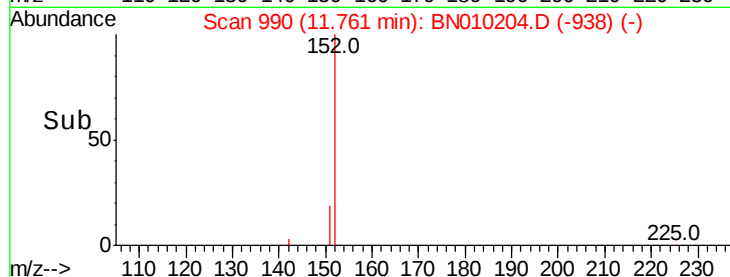
300

200

100

0

Time--> 11.60 11.80 12.00



#12

2-Methylnaphthalene

Concen: 0.309 ng

RT: 11.84 min Scan# 1008

Delta R.T. 0.04 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

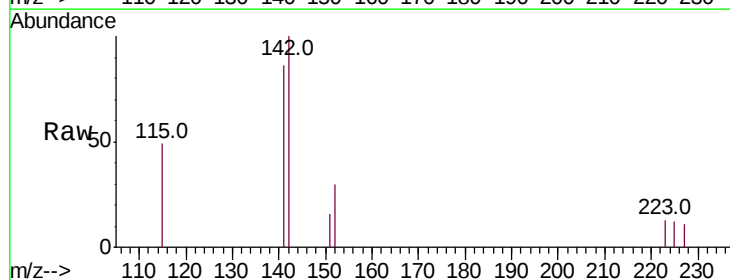
Tgt Ion:142 Resp: 1444

Ion Ratio Lower Upper

142 100

141 86.2 69.8 104.6

115 49.2 34.6 52.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

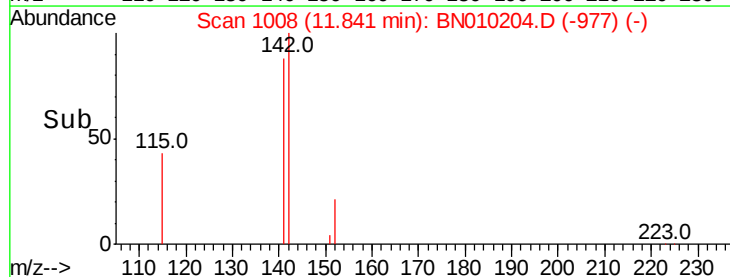
600

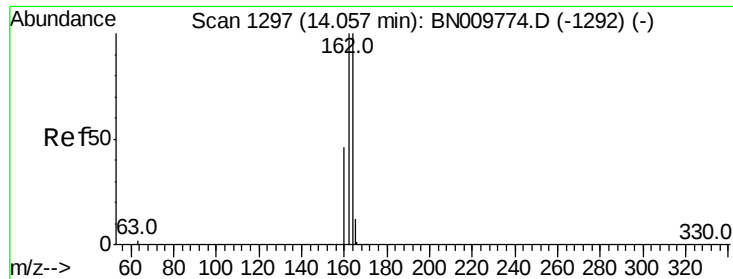
400

200

0

Time--> 11.70 11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

ClientSampleId :

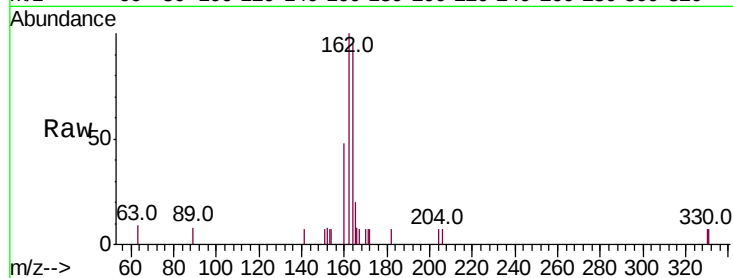
Tot Ion:164 Resp: 1268

Ion Ratio Lower Upper

164 100

162 104.9 79.9 119.9

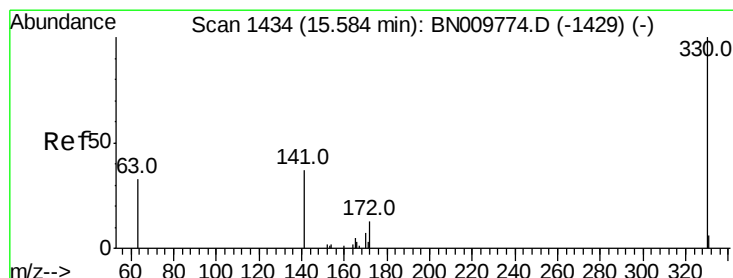
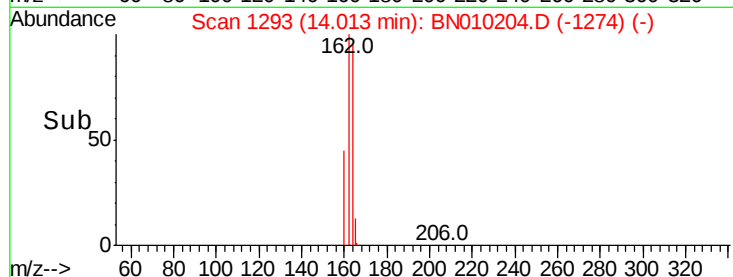
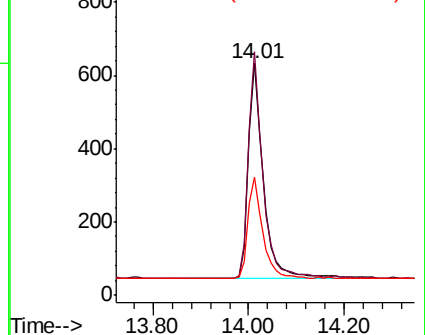
160 50.9 38.2 57.2



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: 0.440 ng

RT: 15.56 min Scan# 1432

Delta R.T. 0.02 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

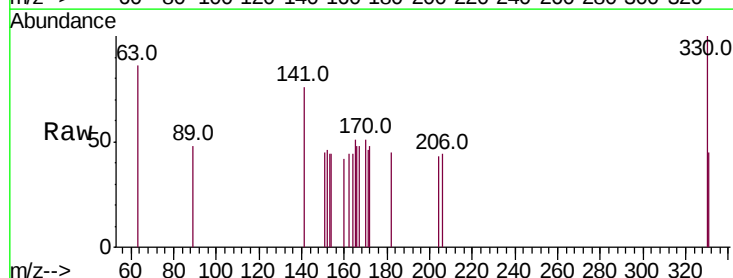
Tgt Ion:330 Resp: 215

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

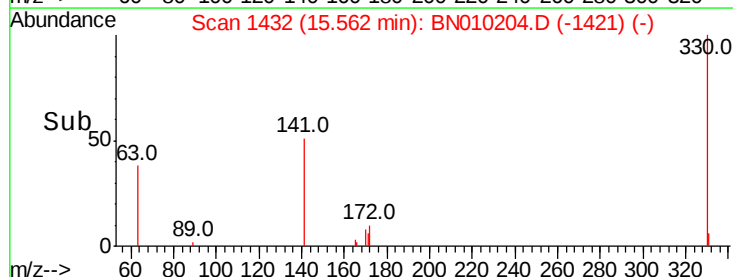
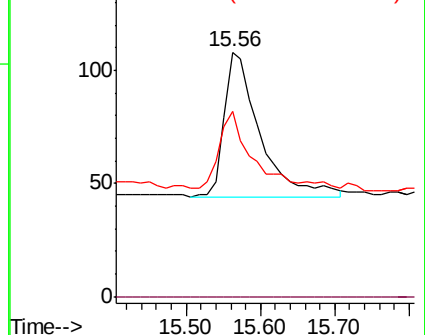
141 45.6 36.8 55.2

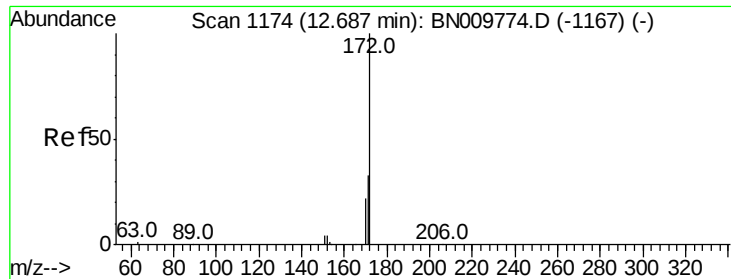


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

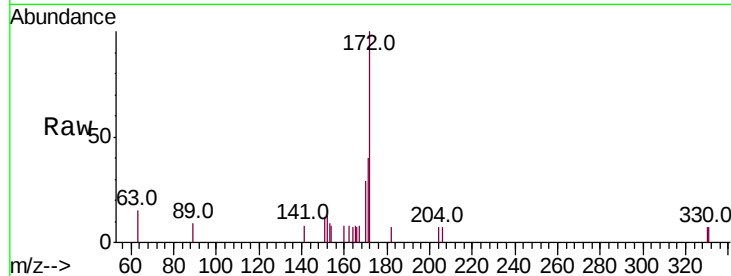




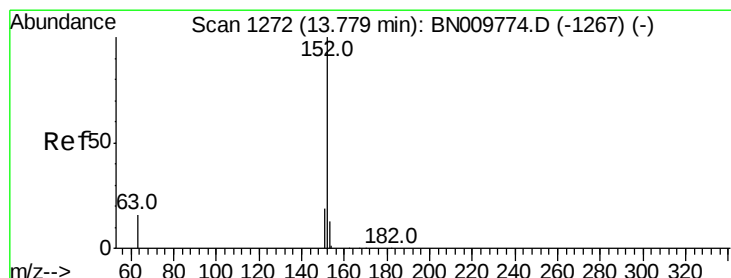
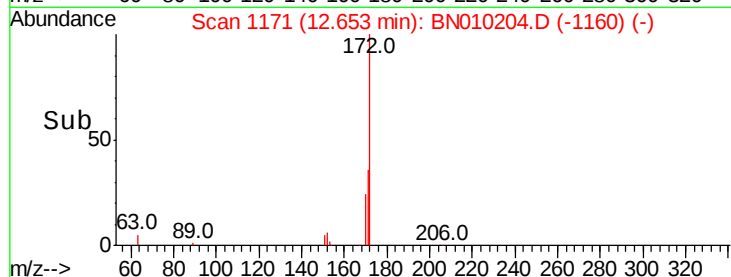
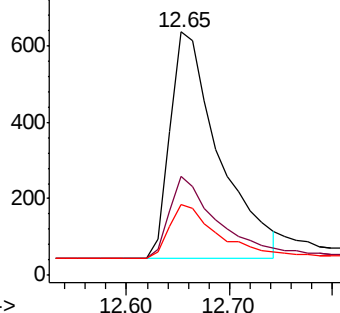
#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 12.65 min Scan# 1171
Delta R.T. 0.02 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 1943
Ion Ratio Lower Upper
172 100
171 40.4 28.7 43.1
170 29.2 20.1 30.1

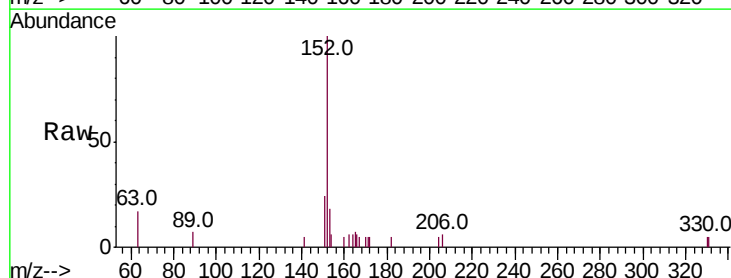


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

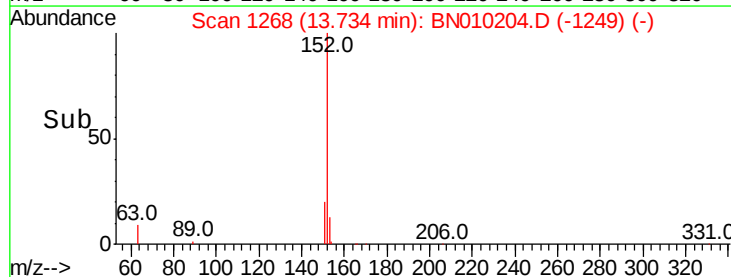
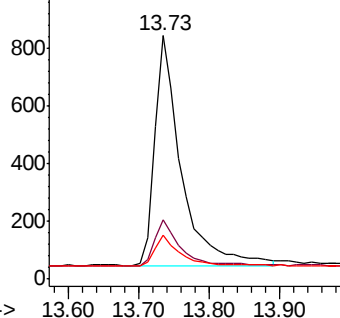


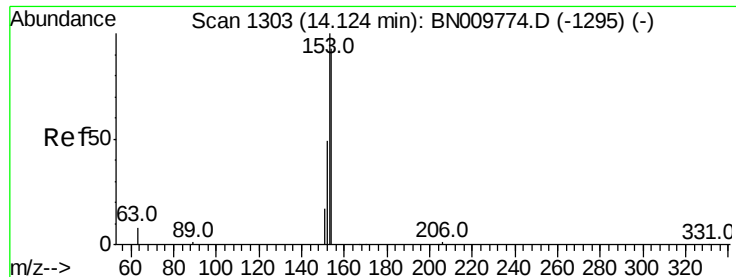
#16
Acenaphthylene
Concen: 0.390 ng
RT: 13.73 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BN010204.D
Acq: 11 Mar 2020 22:22

Tgt Ion:152 Resp: 2107
Ion Ratio Lower Upper
152 100
151 18.6 15.8 23.6
153 13.1 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.405 ng

RT: 14.08 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

ClientSampled :

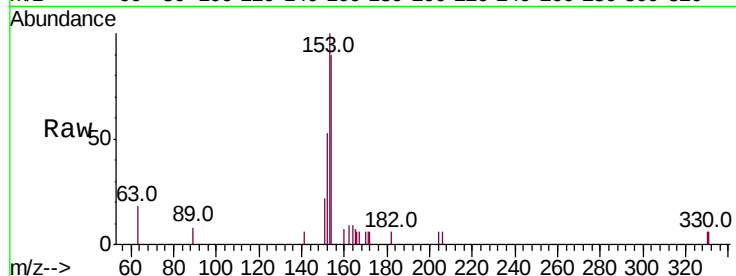
Tot Ion:154 Resp: 1539

Ion Ratio Lower Upper

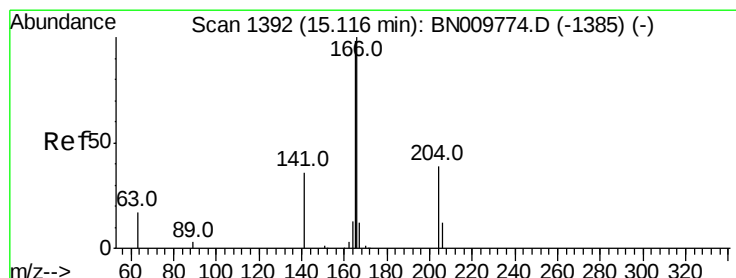
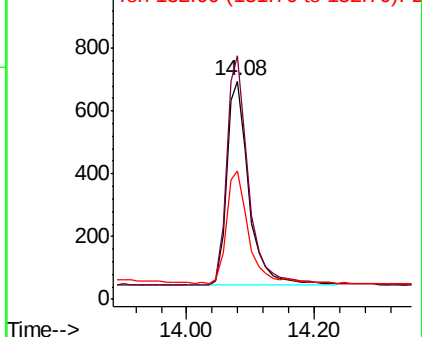
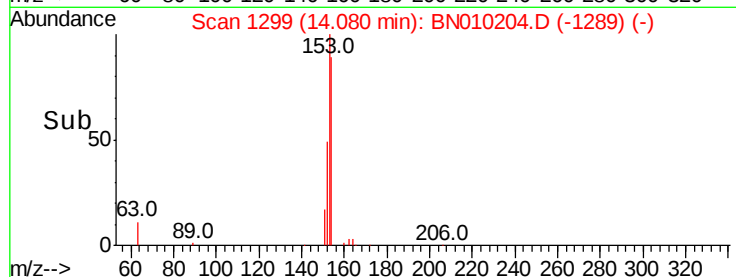
154 100

153 111.2 88.9 133.3

152 55.0 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.399 ng

RT: 15.09 min Scan# 1390

Delta R.T. 0.02 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

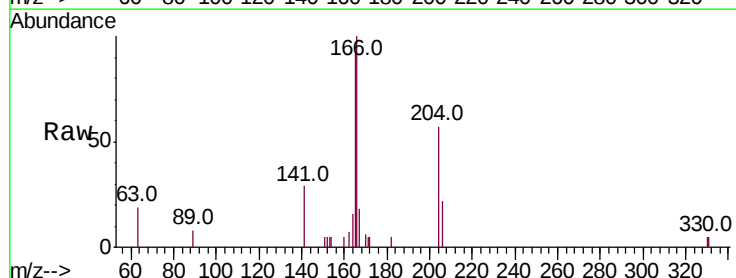
Tgt Ion:166 Resp: 1999

Ion Ratio Lower Upper

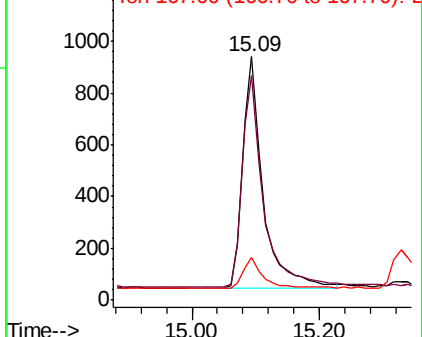
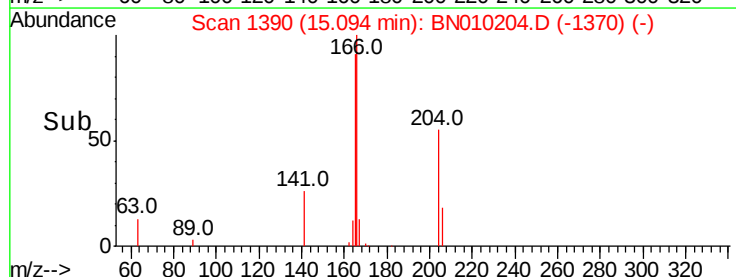
166 100

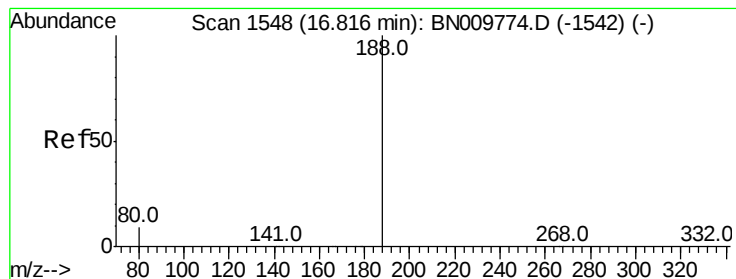
165 94.2 77.2 115.8

167 13.3 10.5 15.7



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: 16.79 min Scan# 1546

Delta R.T. 0.02 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

ClientSampleId :

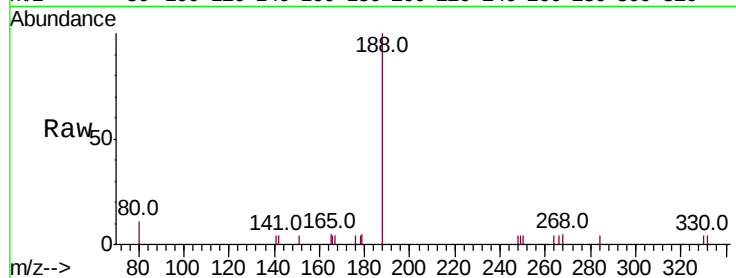
Tot Ion:188 Resp: 2838

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

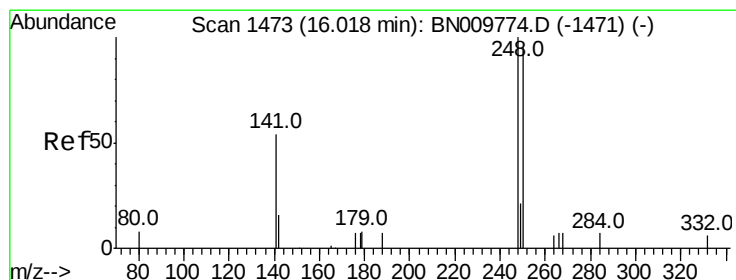
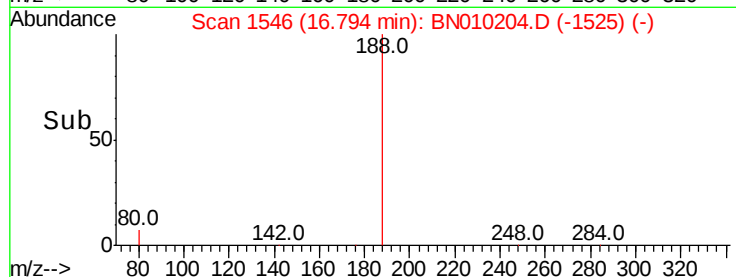
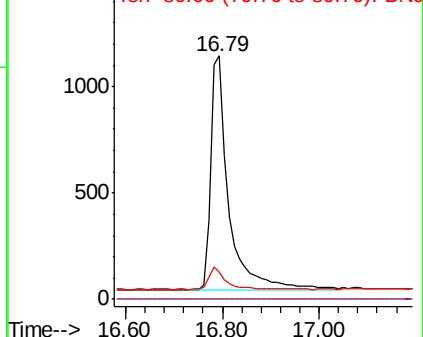
80 11.1 8.3 12.5



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: 0.170 ng

RT: 16.01 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

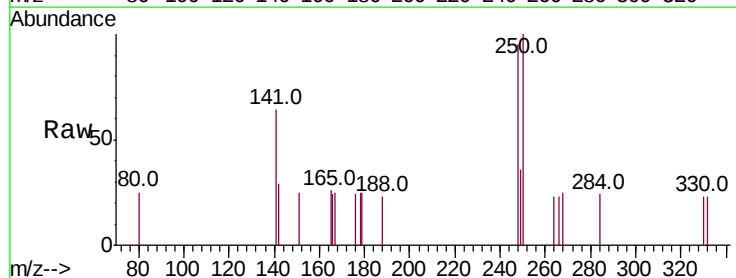
Tgt Ion:248 Resp: 452

Ion Ratio Lower Upper

248 100

250 105.3 76.2 114.4

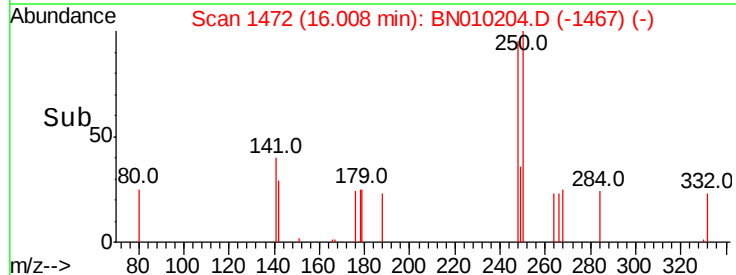
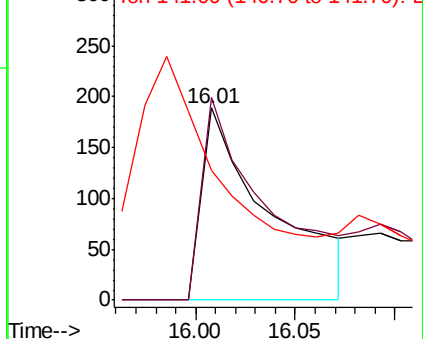
141 67.7 57.8 86.6

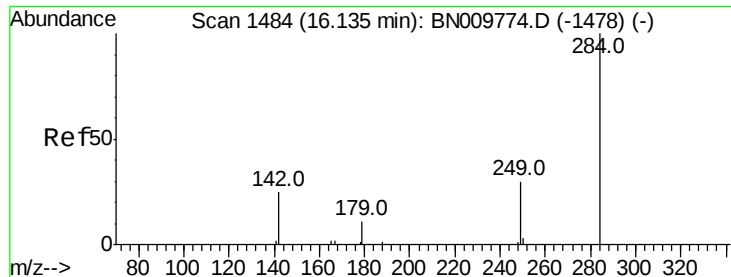


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.415 ng

RT: 16.09 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

ClientSampleId :

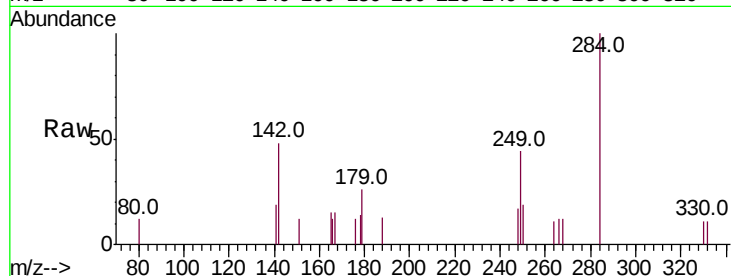
Tot Ion:284 Resp: 734

Ion Ratio Lower Upper

284 100

142 43.6 33.3 49.9

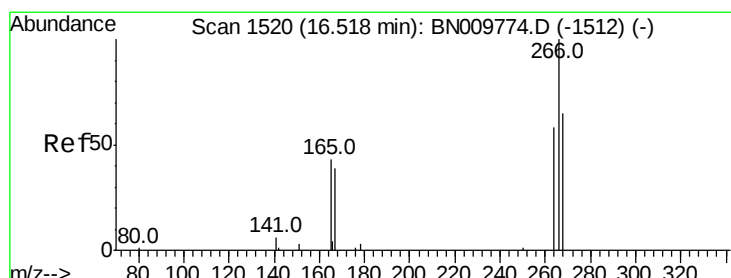
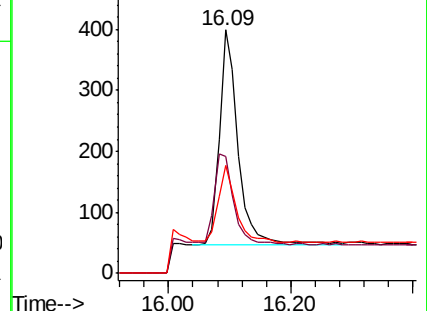
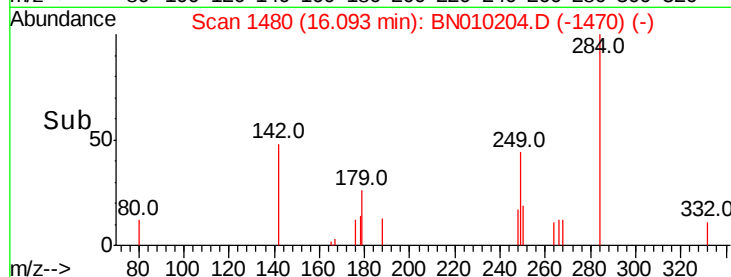
249 33.7 25.7 38.5



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: 0.447 ng

RT: 16.49 min Scan# 1517

Delta R.T. 0.02 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

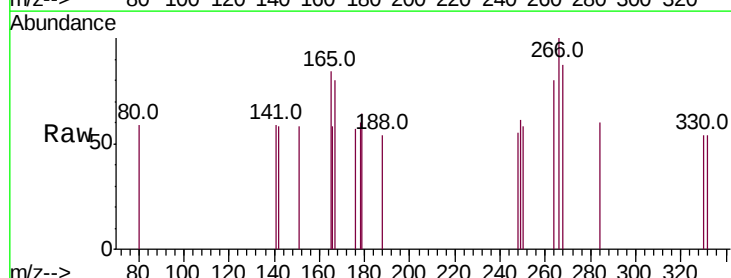
Tgt Ion:266 Resp: 159

Ion Ratio Lower Upper

266 100

264 79.5 58.1 87.1

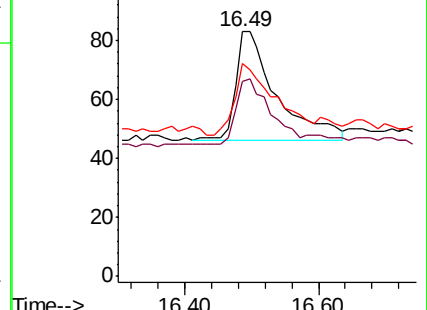
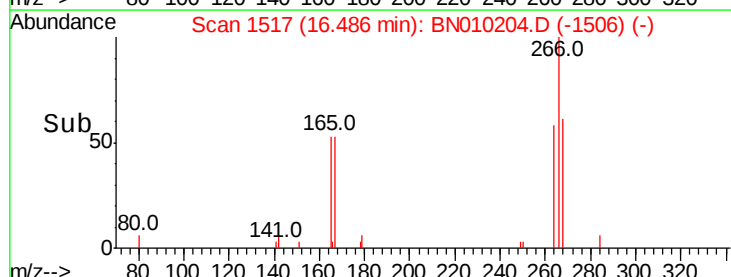
268 86.7 65.7 98.5

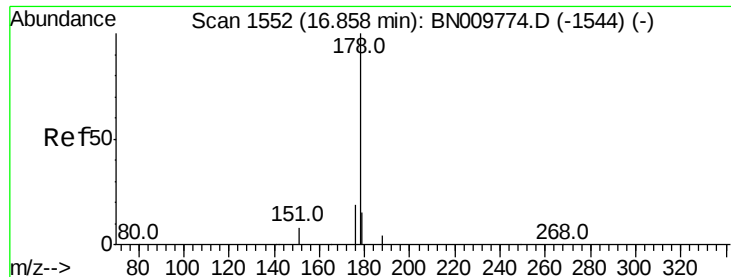


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.367 ng

RT: 16.83 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

ClientSampleId :

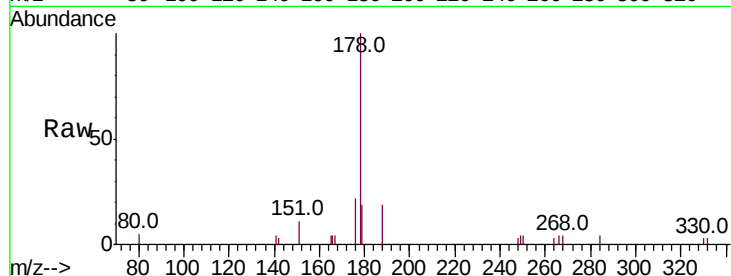
Tot Ion:178 Resp: 3101

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

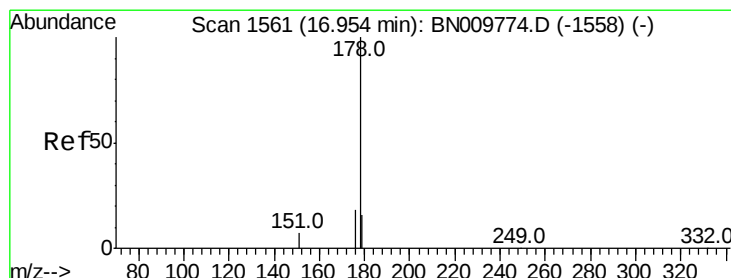
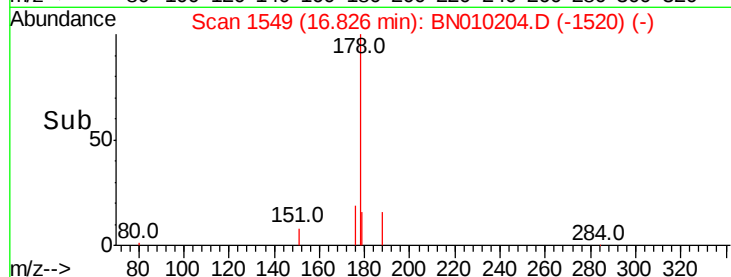
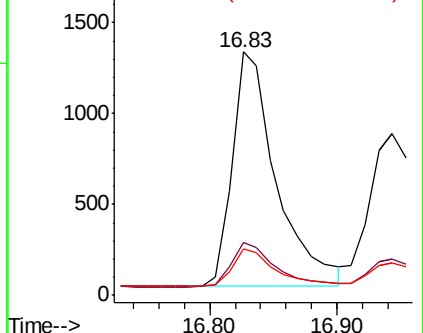
179 16.0 12.4 18.6



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: 0.368 ng

RT: 16.94 min Scan# 1560

Delta R.T. 0.02 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

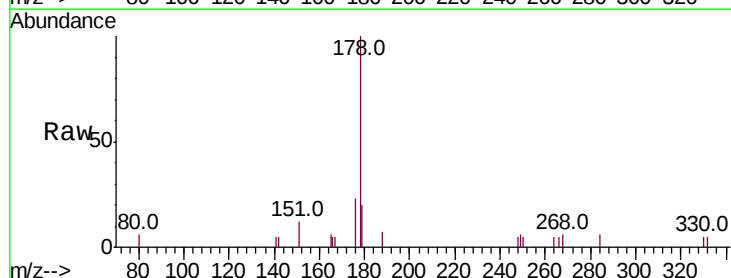
Tgt Ion:178 Resp: 2626

Ion Ratio Lower Upper

178 100

176 17.5 14.3 21.5

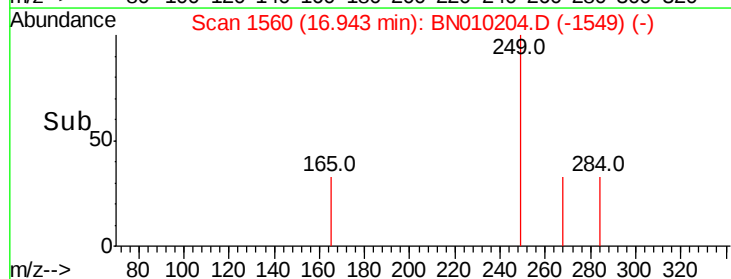
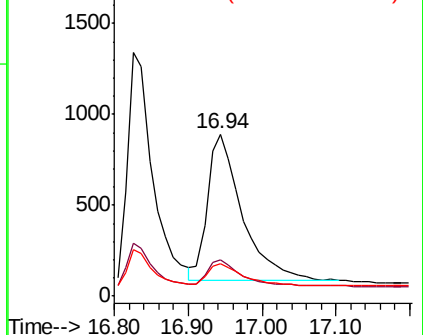
179 15.0 12.4 18.6

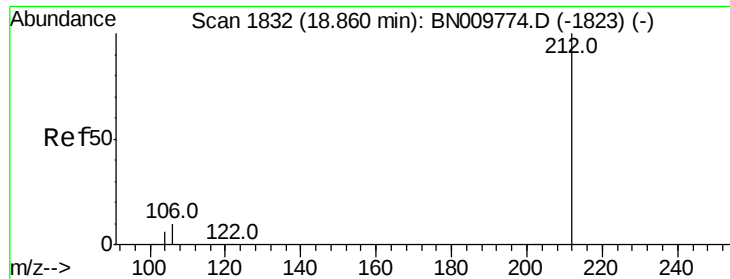


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

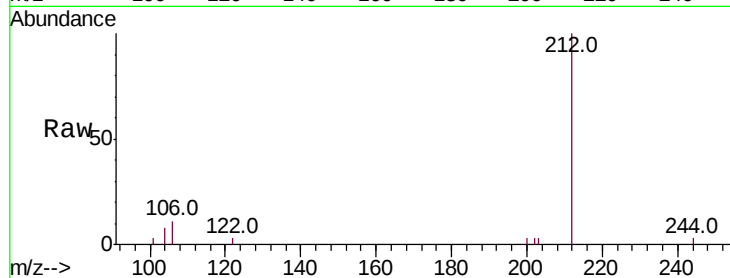




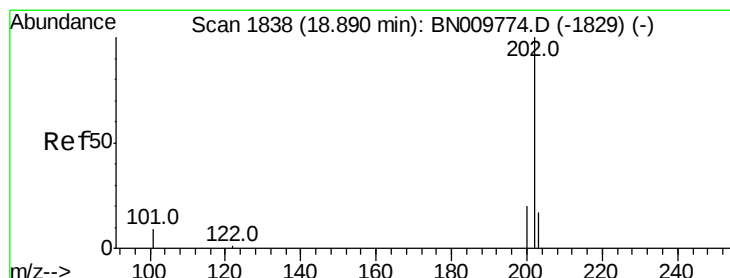
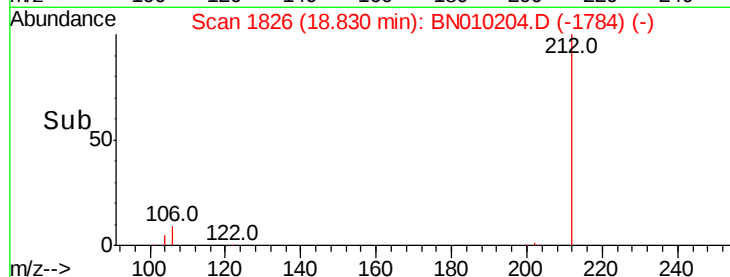
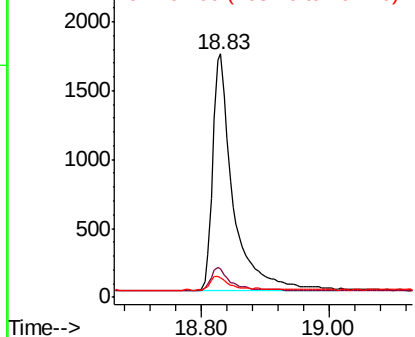
#25
 Fluoranthene-d10
 Concen: 0.395 ng
 RT: 18.83 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BN010204.D
 Acq: 11 Mar 2020 22:22

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:212 Resp: 3875
 Ion Ratio Lower Upper
 212 100
 106 9.0 8.4 12.6
 104 5.3 4.8 7.2

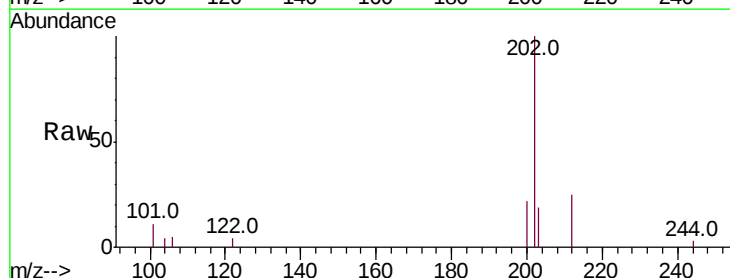


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

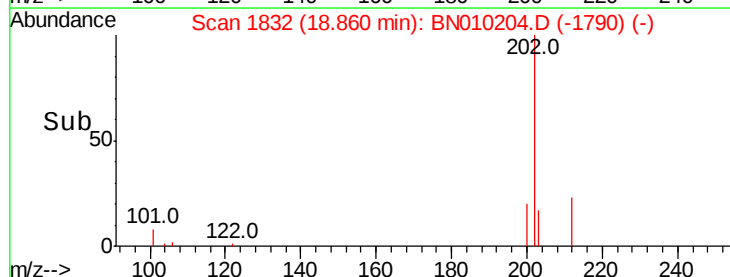
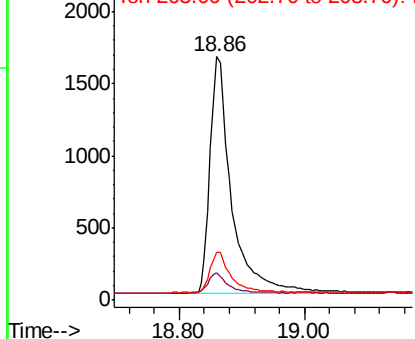


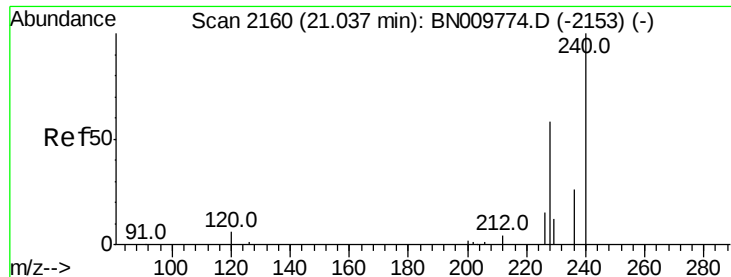
#26
 Fluoranthene
 Concen: 0.391 ng
 RT: 18.86 min Scan# 1832
 Delta R.T. 0.01 min
 Lab File: BN010204.D
 Acq: 11 Mar 2020 22:22

Tgt Ion:202 Resp: 3959
 Ion Ratio Lower Upper
 202 100
 101 8.4 7.1 10.7
 203 16.6 13.8 20.6



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: 21.00 min Scan# 2157

Delta R.T. 0.01 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

ClientSampleId :

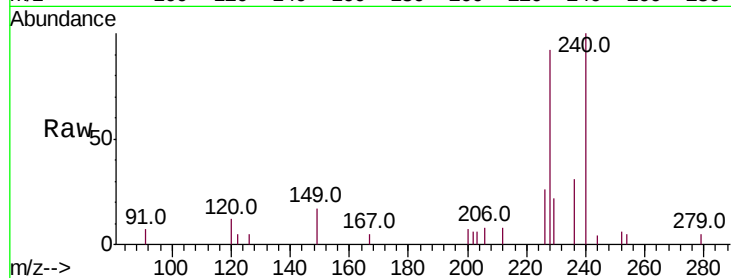
Tot Ion:240 Resp: 2599

Ion Ratio Lower Upper

240 100

120 11.9 7.9 11.9#

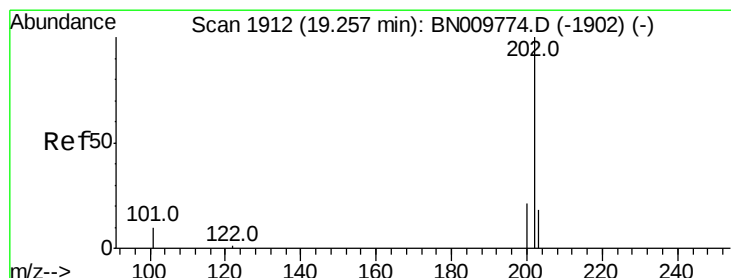
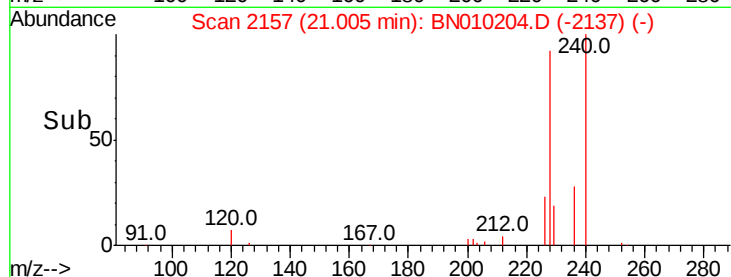
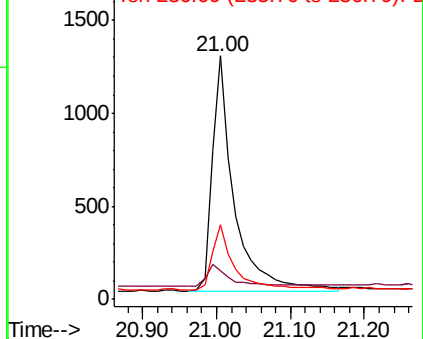
236 30.6 22.0 33.0



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: 0.408 ng

RT: 19.23 min Scan# 1906

Delta R.T. 0.01 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

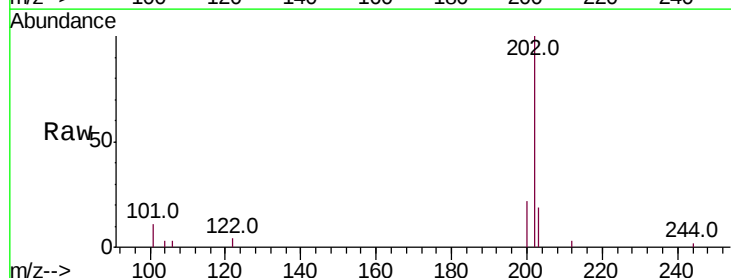
Tgt Ion:202 Resp: 4029

Ion Ratio Lower Upper

202 100

200 20.2 16.4 24.6

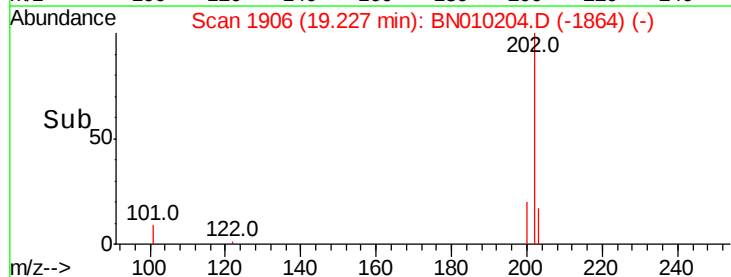
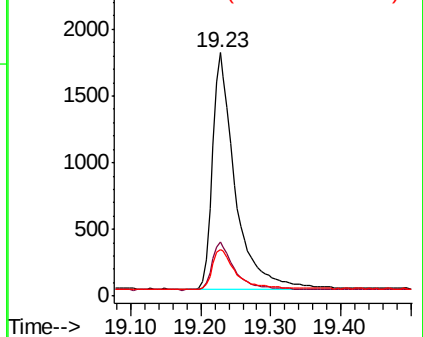
203 17.6 13.9 20.9

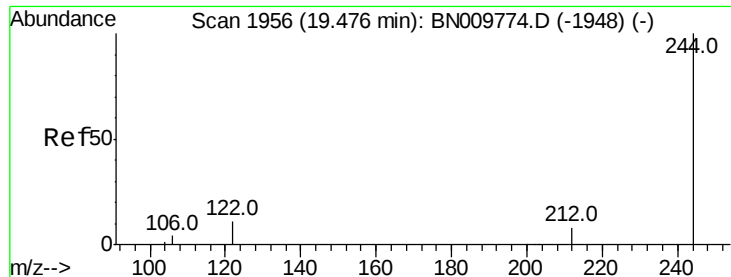


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.433 ng

RT: 19.45 min Scan# 1950

Delta R.T. 0.02 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

ClientSampleId :

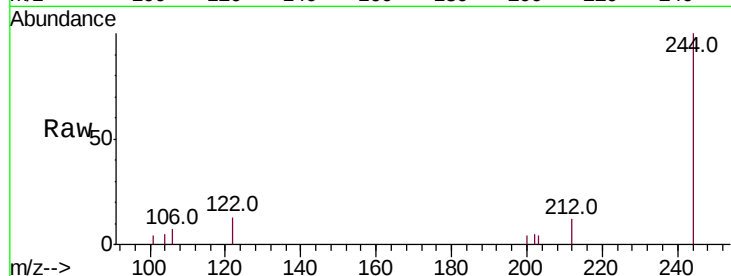
Tot Ion:244 Resp: 2687

Ion Ratio Lower Upper

244 100

212 12.1 8.0 12.0#

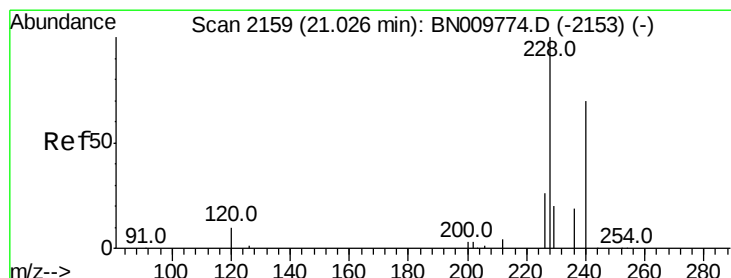
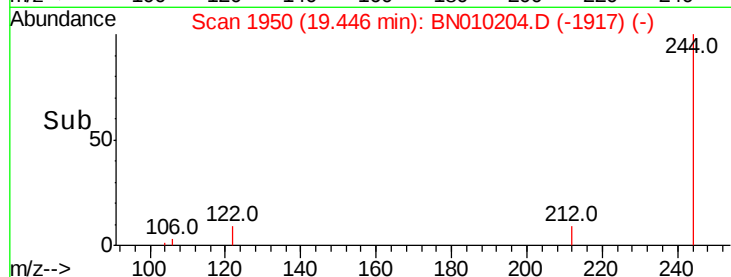
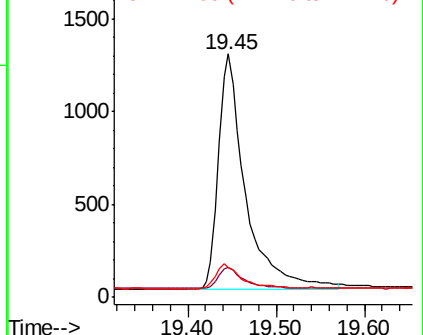
122 12.5 10.0 15.0



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: 0.333 ng

RT: 20.99 min Scan# 2156

Delta R.T. 0.01 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

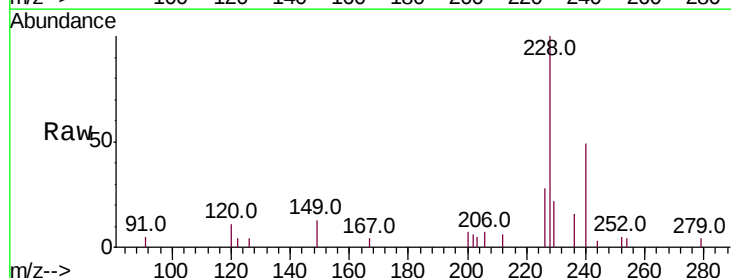
Tgt Ion:228 Resp: 2875

Ion Ratio Lower Upper

228 100

226 28.2 21.8 32.8

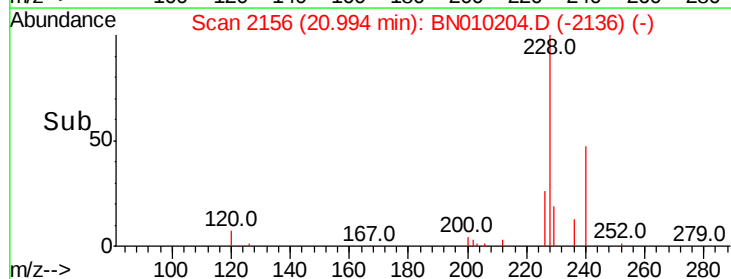
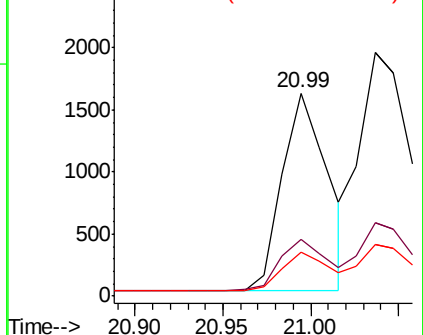
229 21.6 17.1 25.7

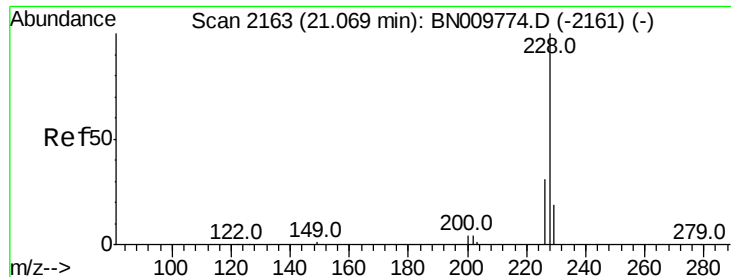


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.444 ng

RT: 21.04 min Scan# 2160

Delta R.T. 0.01 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

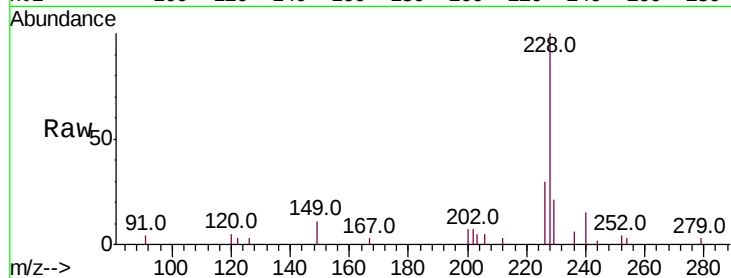
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 4435

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.8	37.2
229	21.1	16.4	24.6

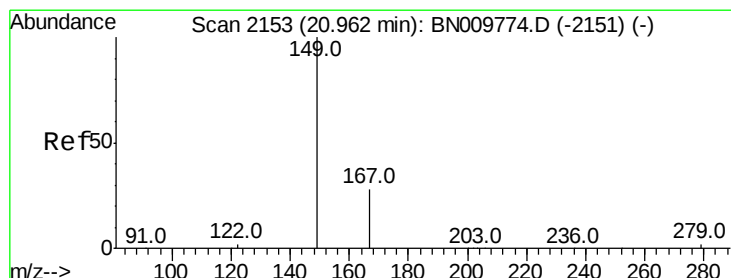
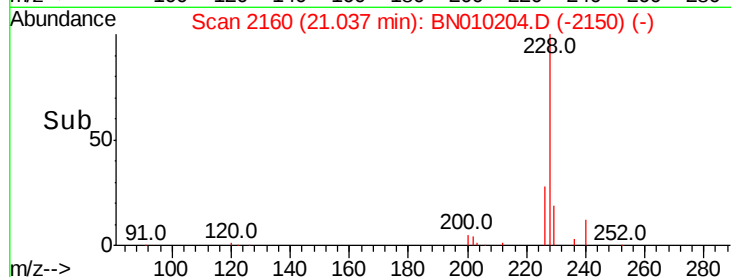
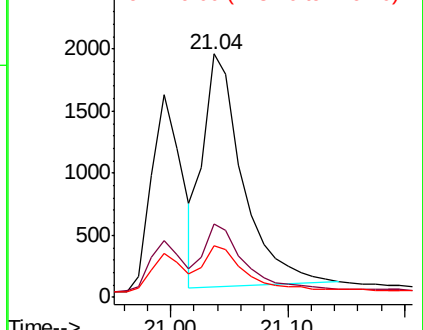


Abundance

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: 0.388 ng

RT: 20.92 min Scan# 2149

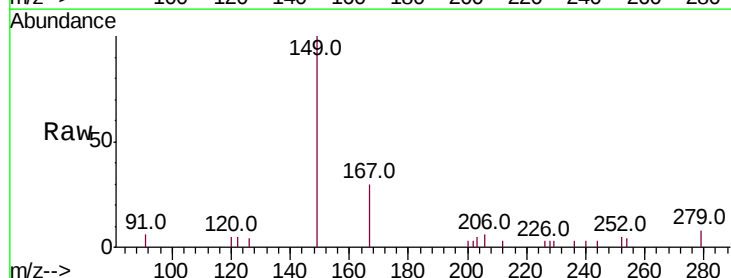
Delta R.T. 0.00 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Tgt Ion:149 Resp: 1633

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.7	34.1
279	3.9	3.1	4.7

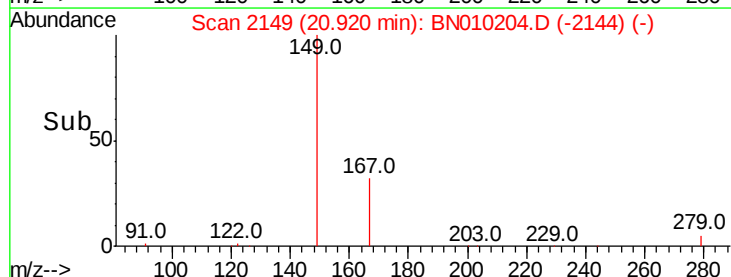
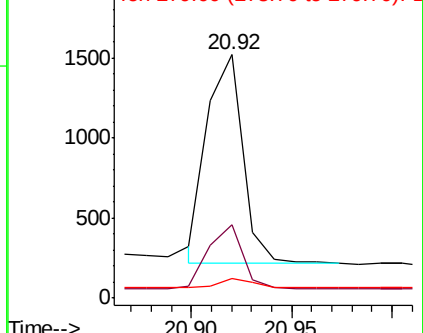


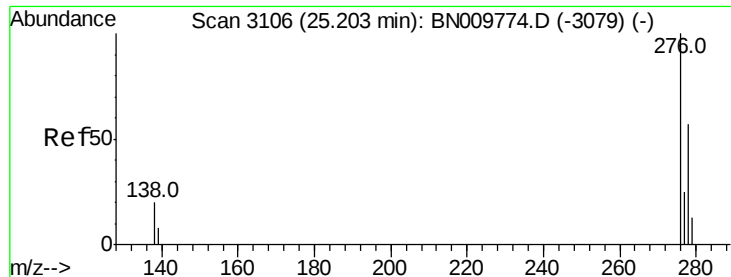
Abundance

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

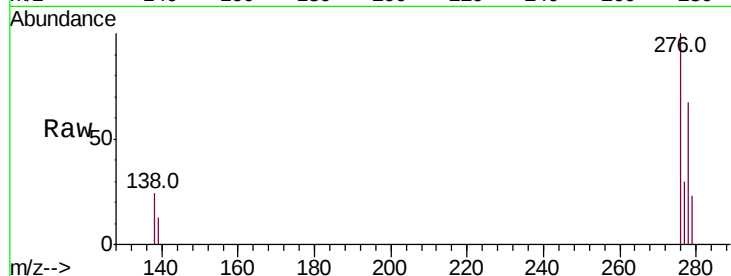




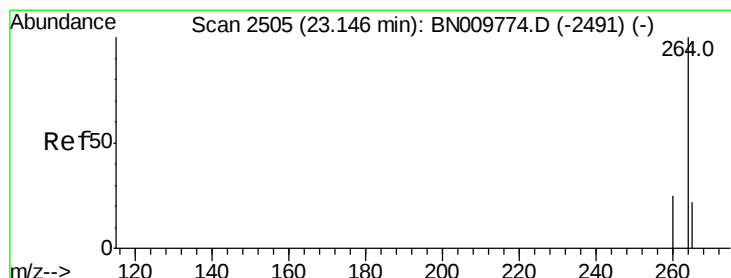
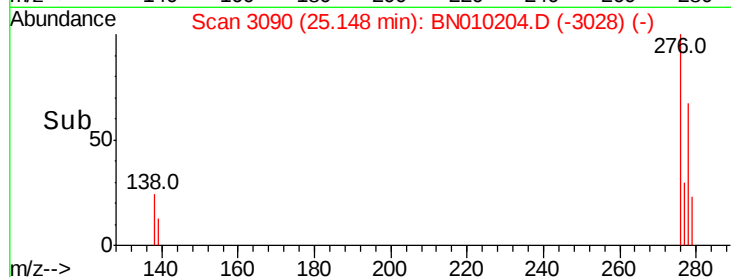
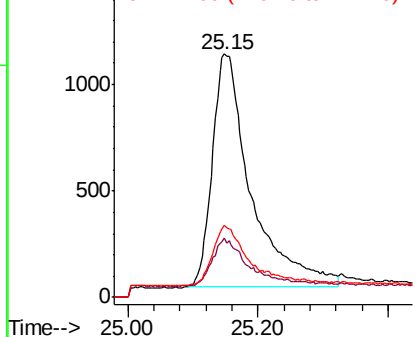
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.434 ng
 RT: 25.15 min Scan# 3090
 Delta R.T. 0.01 min
 Lab File: BN010204.D
 Acq: 11 Mar 2020 22:22

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 4509
 Ion Ratio Lower Upper
 276 100
 138 18.2 15.8 23.6
 277 22.5 19.3 28.9

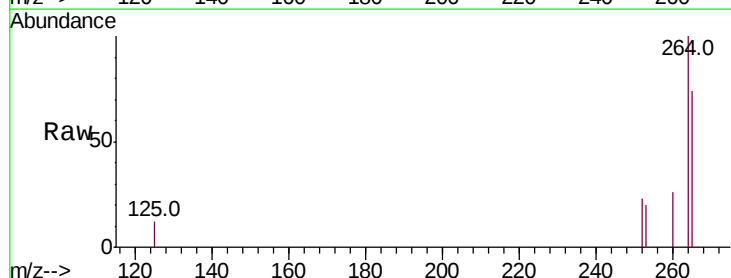


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

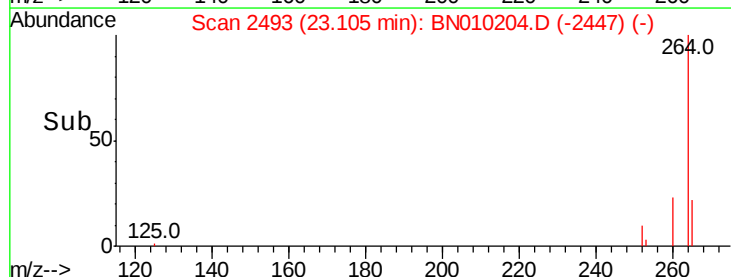
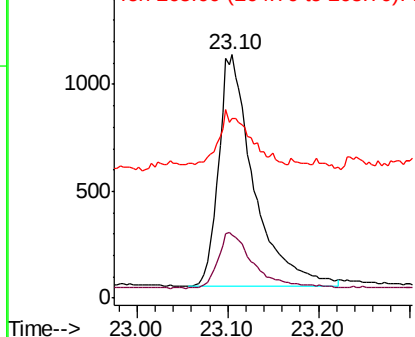


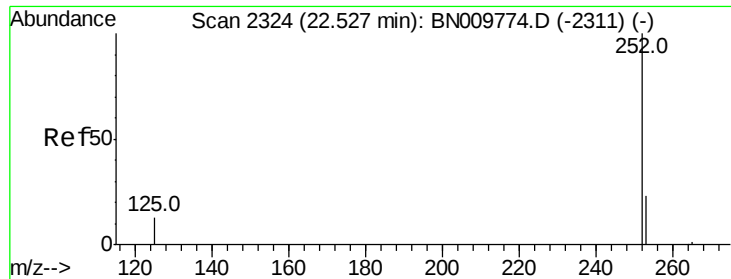
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.10 min Scan# 2493
 Delta R.T. 0.01 min
 Lab File: BN010204.D
 Acq: 11 Mar 2020 22:22

Tgt Ion:264 Resp: 2898
 Ion Ratio Lower Upper
 264 100
 260 26.1 21.1 31.7
 265 73.9 57.5 86.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.356 ng

RT: 22.49 min Scan# 2314

Delta R.T. 0.01 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

ClientSampleId :

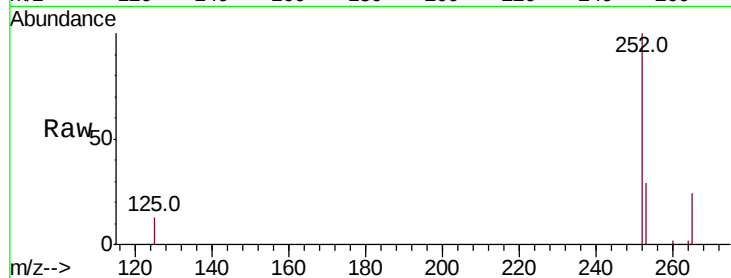
Tot Ion:252 Resp: 3775

Ion Ratio Lower Upper

252 100

253 29.3 23.0 34.6

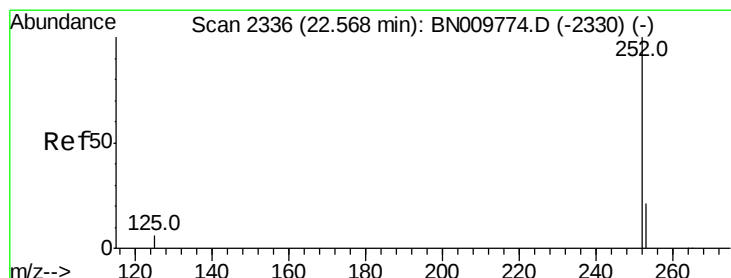
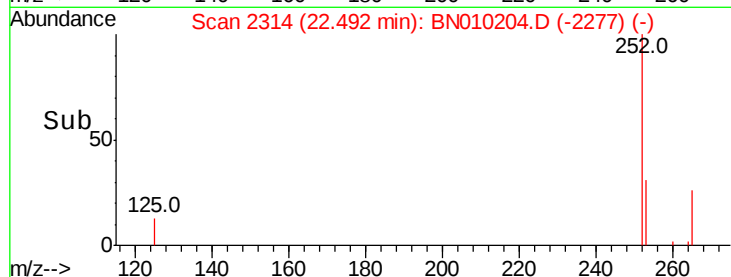
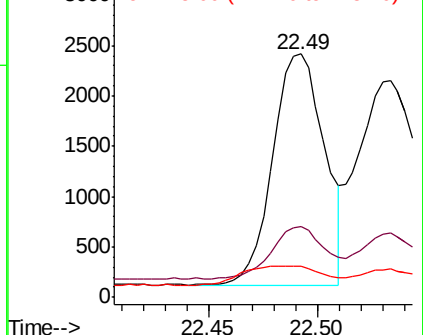
125 12.6 14.4 21.6#



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: 0.406 ng

RT: 22.53 min Scan# 2326

Delta R.T. 0.01 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

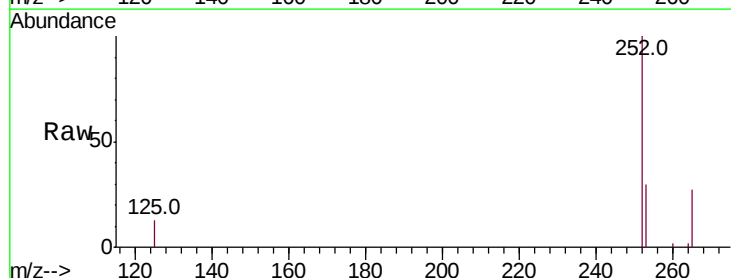
Tgt Ion:252 Resp: 4684

Ion Ratio Lower Upper

252 100

253 29.6 22.2 33.2

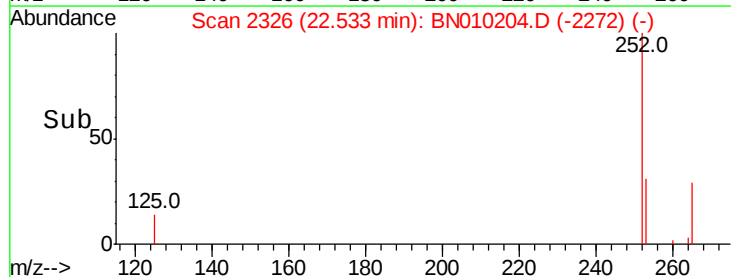
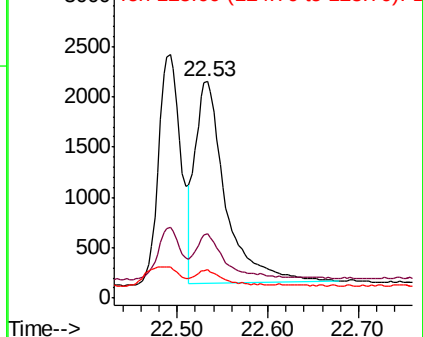
125 13.1 10.5 15.7

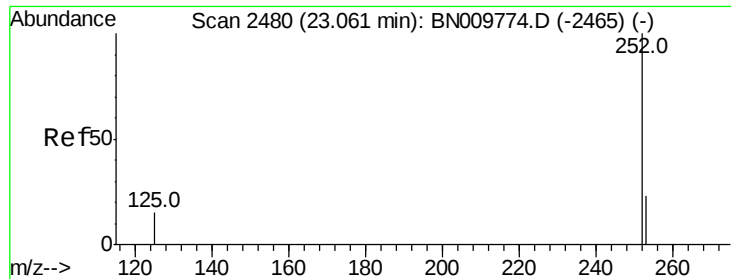


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.403 ng

RT: 23.02 min Scan# 2469

Delta R.T. 0.01 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

ClientSampleId :

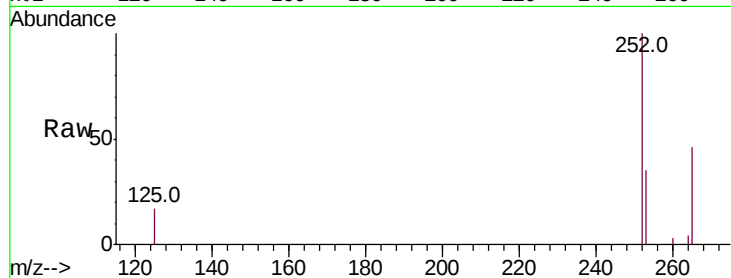
Tot Ion:252 Resp: 3897

Ion Ratio Lower Upper

252 100

253 35.1 25.3 37.9

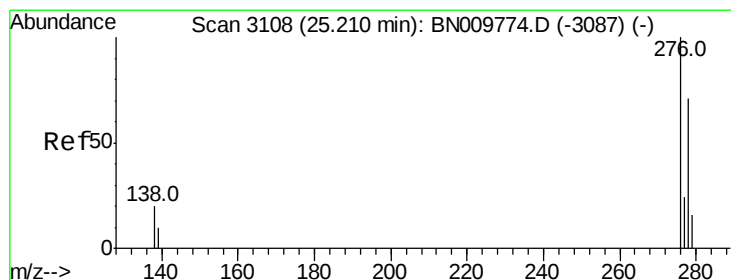
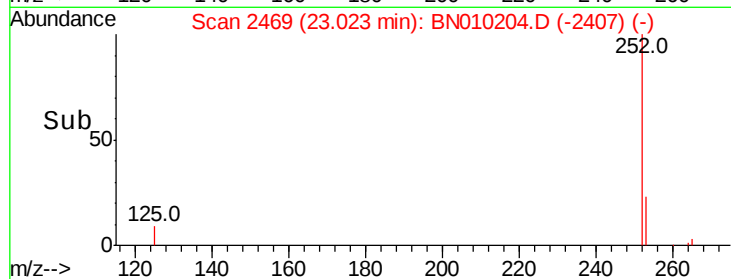
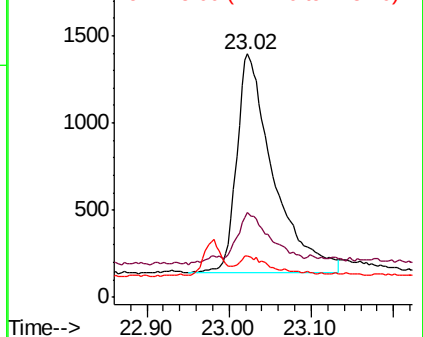
125 16.9 17.7 26.5#



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: 0.369 ng

RT: 25.16 min Scan# 3093

Delta R.T. 0.03 min

Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

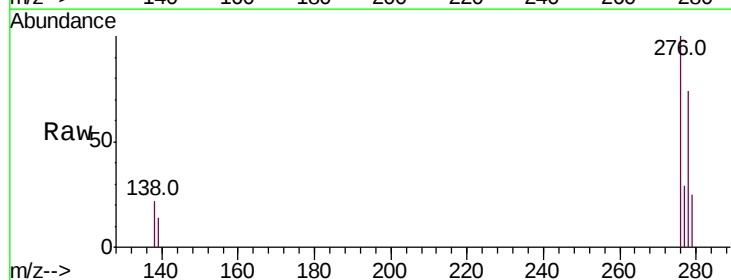
Tgt Ion:278 Resp: 3508

Ion Ratio Lower Upper

278 100

139 19.1 14.5 21.7

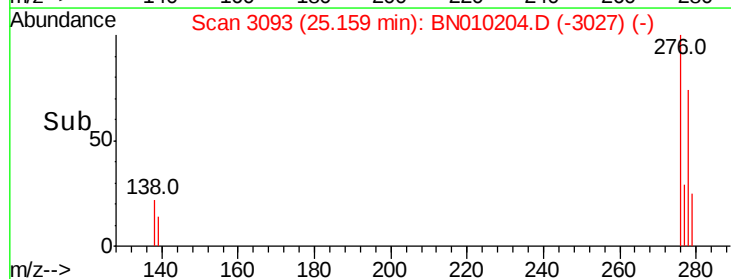
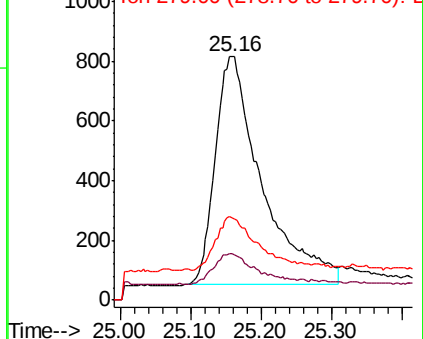
279 33.9 24.3 36.5

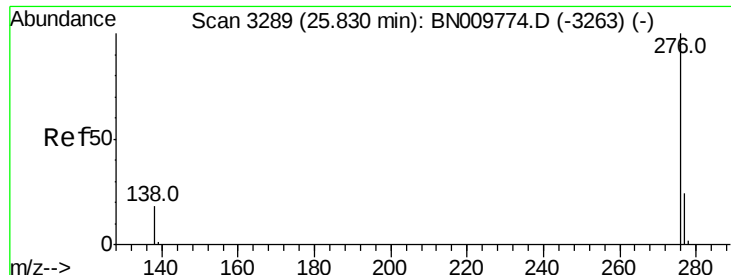


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.424 ng

RT: 25.77 min Scan# 3273

Delta R.T. 0.02 min

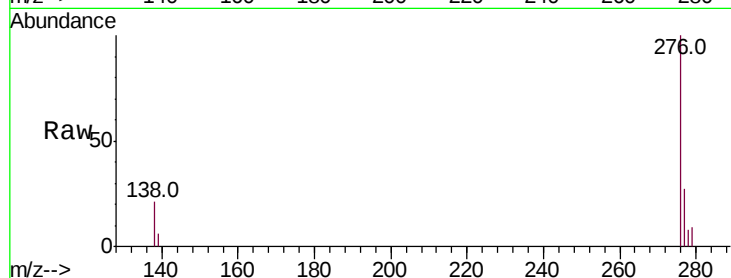
Lab File: BN010204.D

Acq: 11 Mar 2020 22:22

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 4298

Ion Ratio Lower Upper

276 100

277 27.4 21.4 32.0

138 20.7 16.6 24.8

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

