

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030220\
 Data File : BN010042.D
 Acq On : 02 Mar 2020 16:21
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 02 18:17:12 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 Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1037	0.40	ng	-0.03
7) Naphthalene-d8	10.14	136	3713	0.40	ng	-0.04
13) Acenaphthene-d10	14.02	164	2542	0.40	ng	-0.04
19) Phenanthrene-d10	16.78	188	5671	0.40	ng	-0.04
27) Chrysene-d12	21.00	240	5189	0.40	ng	-0.04
34) Perylene-d12	23.10	264	5367	0.40	ng	-0.05

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	938	0.41	ng	-0.03
5) Phenol-d6	6.63	99	1109	0.40	ng	-0.02
8) Nitrobenzene-d5	8.57	82	1120	0.36	ng	-0.03
11) 2-Methylnaphthalene-d10	11.74	152	2897	0.40	ng	-0.04
14) 2,4,6-Tribromophenol	15.55	330	417	0.43	ng	-0.04
15) 2-Fluorobiphenyl	12.65	172	3586	0.37	ng	-0.04
25) Fluoranthene-d10	18.82	212	7323	0.37	ng	-0.04
29) Terphenyl-d14	19.44	244	4769	0.38	ng	-0.04

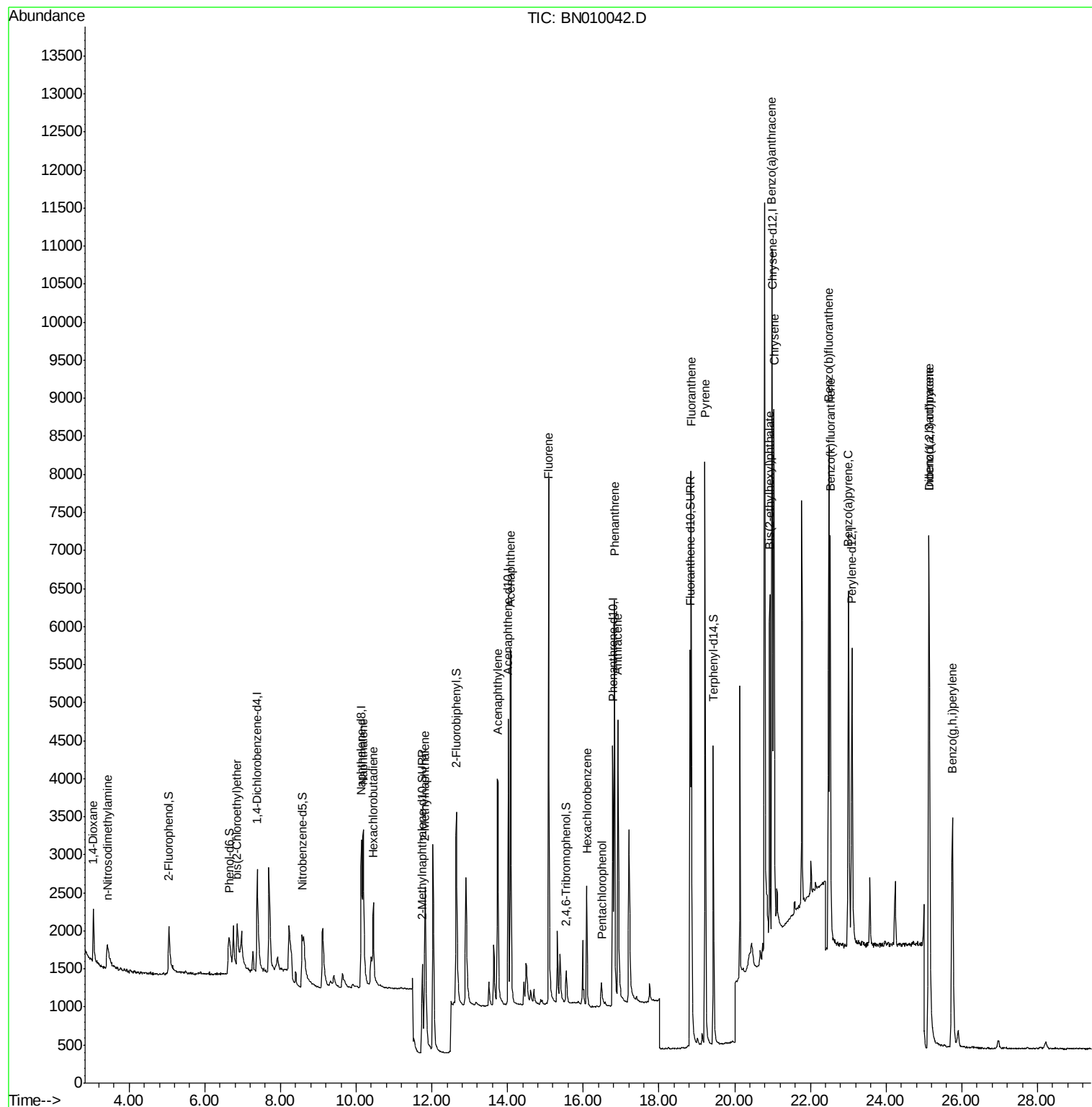
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.06	88	353	0.332	ng	94
3) n-Nitrosodimethylamine	3.43	42	632	0.362	ng	97
6) bis(2-Chloroethyl)ether	6.86	93	1044	0.383	ng	93
9) Naphthalene	10.19	128	3991	0.394	ng	100
10) Hexachlorobutadiene	10.46	225	852	0.382	ng	# 95
12) 2-Methylnaphthalene	11.82	142	2833	0.408	ng	99
16) Acenaphthylene	13.73	152	4465	0.412	ng	99
17) Acenaphthene	14.09	154	2992	0.393	ng	99
18) Fluorene	15.08	166	3812	0.379	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	232	Below Cal		95
21) Hexachlorobenzene	16.10	284	1380	0.391	ng	99
22) Pentachlorophenol	16.48	266	317	0.447	ng	98
23) Phenanthrene	16.82	178	6290	0.373	ng	100
24) Anthracene	16.92	178	5457	0.382	ng	99
26) Fluoranthene	18.85	202	8199	0.406	ng	99
28) Pyrene	19.22	202	8205	0.416	ng	99
30) Benzo(a)anthracene	20.99	228	6751	0.392	ng	99
31) Chrysene	21.04	228	7516	0.377	ng	98
32) Bis(2-ethylhexyl)phthalate	20.93	149	4635	0.552	ng	99
33) Indeno(1,2,3-cd)pyrene	25.13	276	7742	0.373	ng	99
35) Benzo(b)fluoranthene	22.48	252	7183	0.366	ng	# 96
36) Benzo(k)fluoranthene	22.52	252	7426	0.348	ng	99
37) Benzo(a)pyrene	23.01	252	6949	0.388	ng	98
38) Dibenzo(a,h)anthracene	25.14	278	6089	0.345	ng	97
39) Benzo(g,h,i)perylene	25.76	276	6498	0.346	ng	99

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

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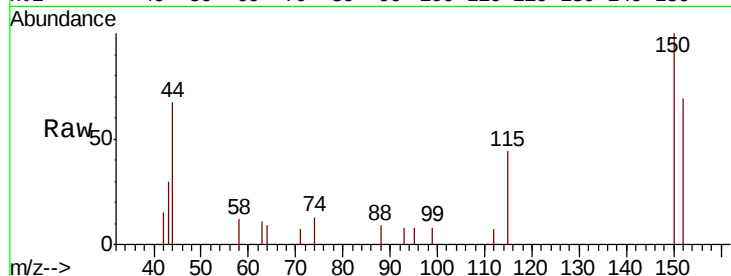


#1

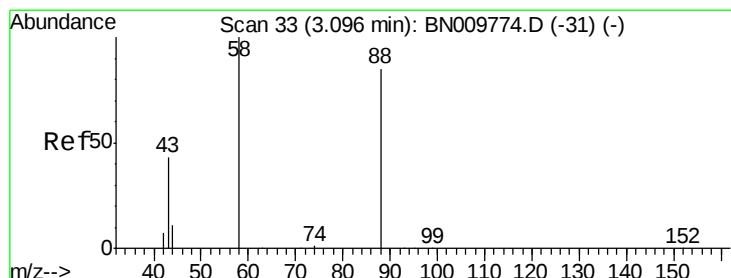
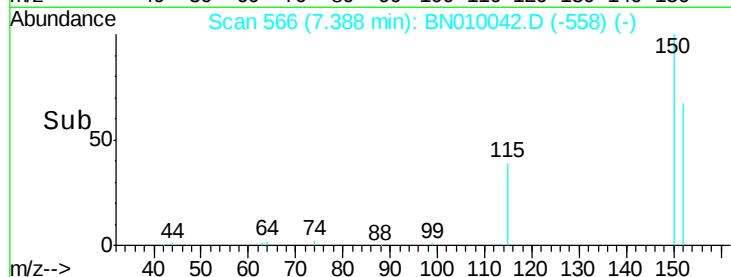
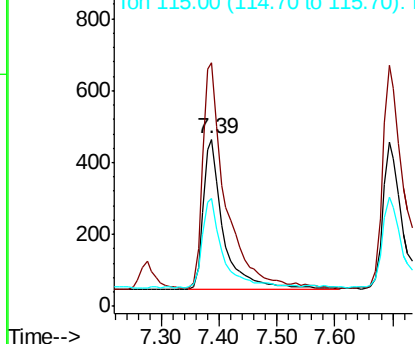
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.03 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1037
Ion Ratio Lower Upper
152 100
150 145.6 120.6 181.0
115 64.3 51.2 76.8



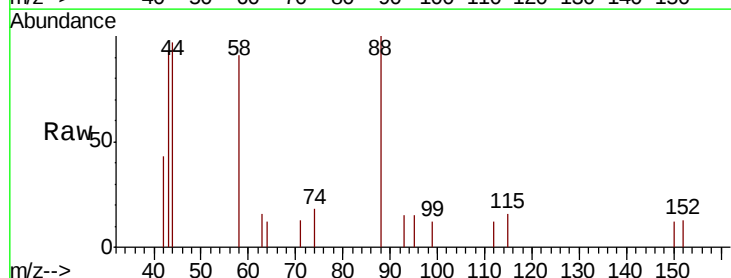
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



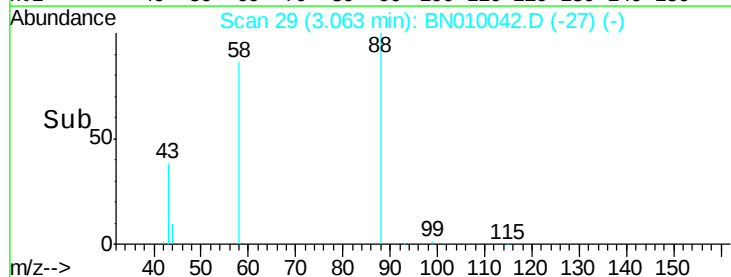
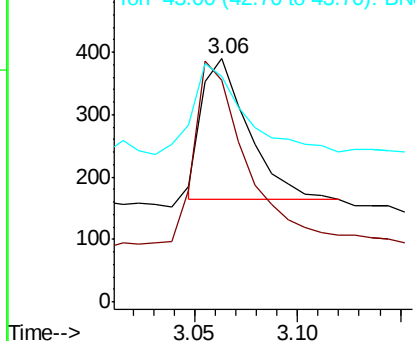
#2

1,4-Dioxane
Concen: 0.332 ng
RT: 3.06 min Scan# 29
Delta R.T. -0.03 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Tgt Ion: 88 Resp: 353
Ion Ratio Lower Upper
88 100
58 115.0 97.8 146.8
43 58.9 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



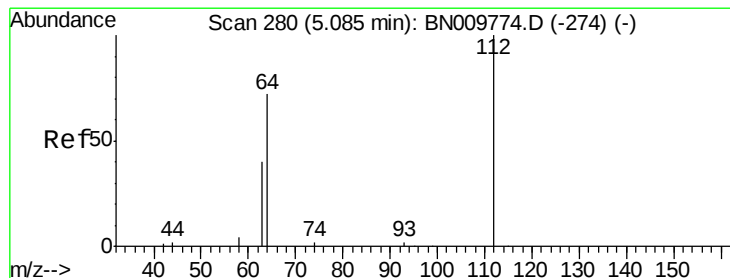
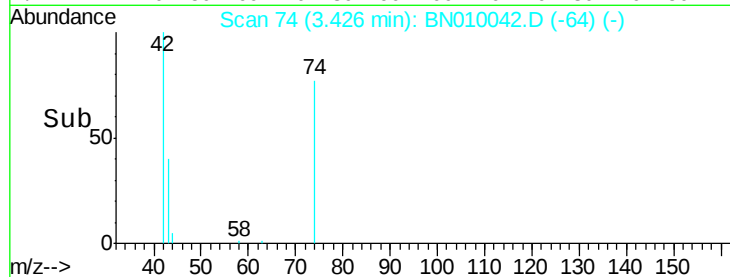
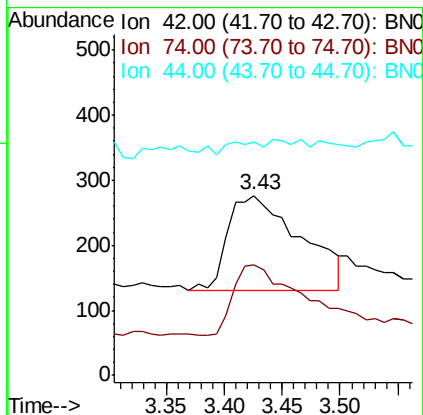
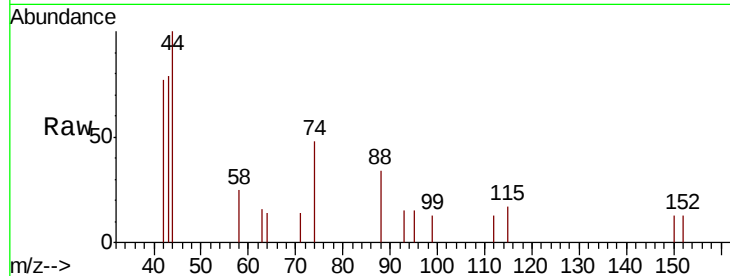


#3

n-Nitrosodimethylamine
 Concen: 0.362 ng
 RT: 3.43 min Scan# 74
 Delta R.T. -0.02 min
 Lab File: BN010042.D
 Acq: 02 Mar 2020 16:21

Instrument :
 BNA_N
 ClientSampleId :

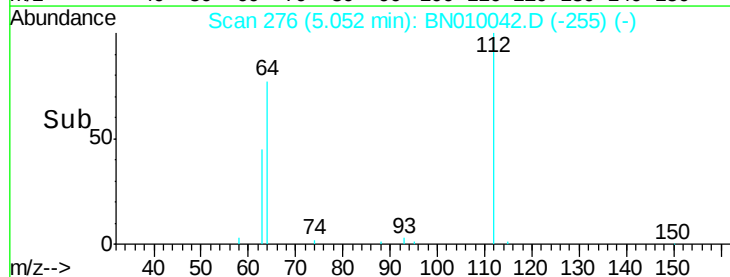
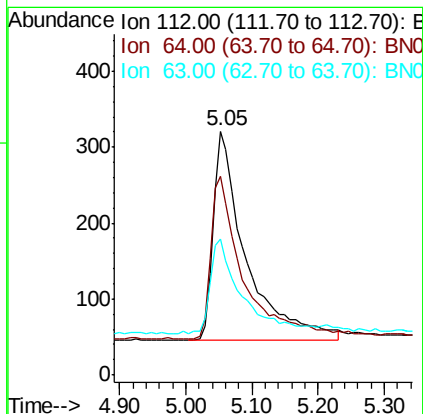
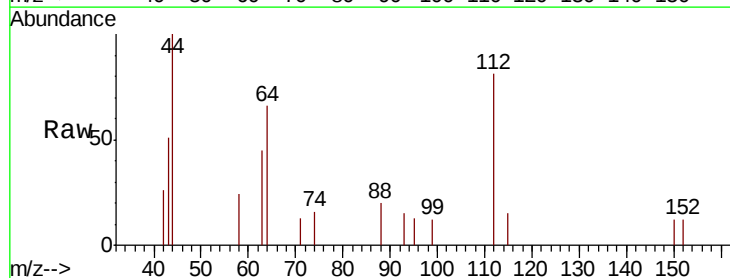
Tot Ion: 42 Resp: 632
 Ion Ratio Lower Upper
 42 100
 74 66.3 51.2 76.8
 44 3.0 2.6 4.0



#4

2-Fluorophenol
 Concen: 0.407 ng
 RT: 5.05 min Scan# 276
 Delta R.T. -0.03 min
 Lab File: BN010042.D
 Acq: 02 Mar 2020 16:21

Tgt Ion: 112 Resp: 938
 Ion Ratio Lower Upper
 112 100
 64 78.0 65.8 98.6
 63 45.2 38.7 58.1





#5

Phenol-d6

Concen: 0.395 ng

RT: 6.63 min Scan# 472

Delta R.T. -0.02 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

Instrument :

BNA_N

ClientSampled :

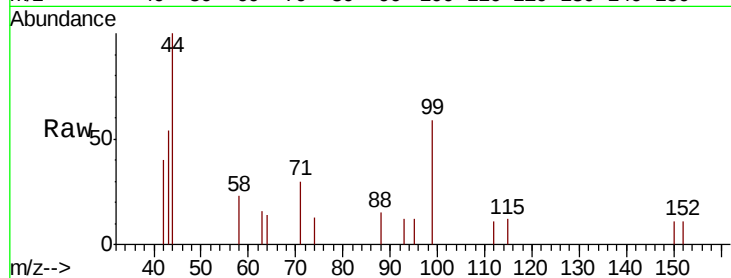
Tot Ion: 99 Resp: 1109

Ion Ratio Lower Upper

99 100

42 31.1 30.8 46.2

71 40.8 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

6.63

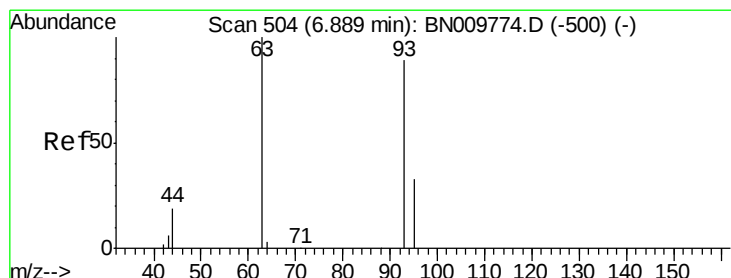
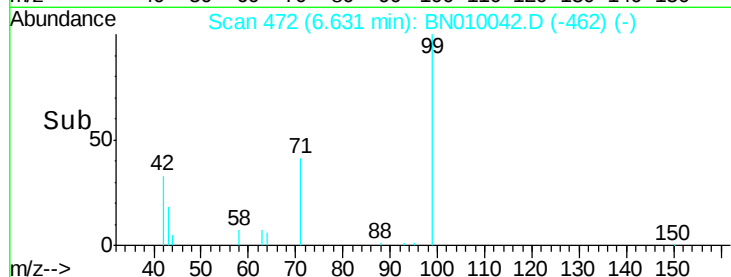
200

100

0

6.50 6.60 6.70 6.80

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.383 ng

RT: 6.86 min Scan# 500

Delta R.T. -0.03 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

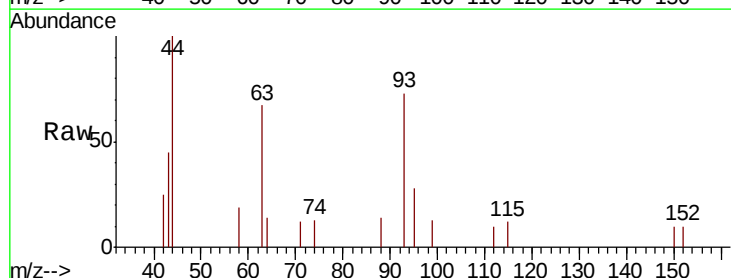
Tgt Ion: 93 Resp: 1044

Ion Ratio Lower Upper

93 100

63 84.9 74.0 111.0

95 31.6 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

6.86

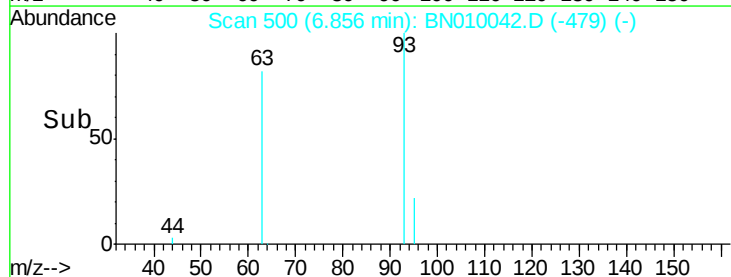
400

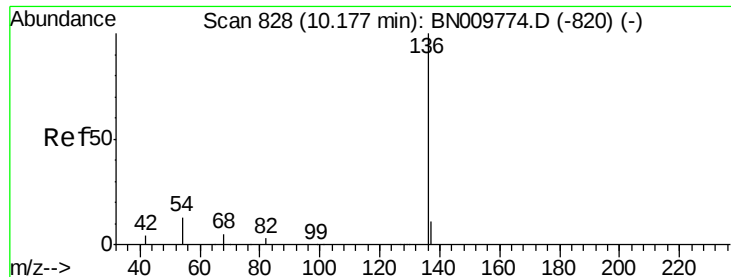
200

0

6.80 6.90 7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 825

Delta R.T. -0.04 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 3713

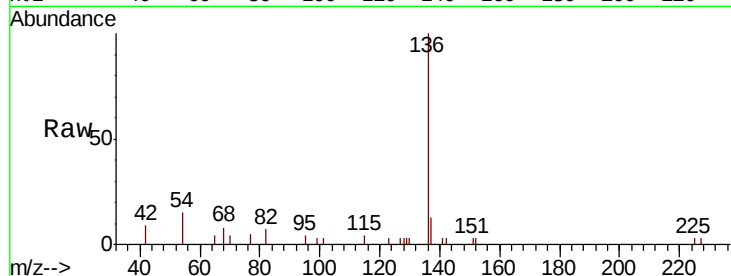
Ion Ratio Lower Upper

136 100

137 13.4 11.3 16.9

54 14.8 13.4 20.2

68 8.4 7.0 10.4

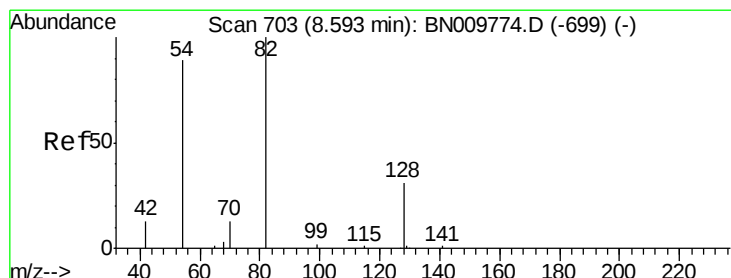
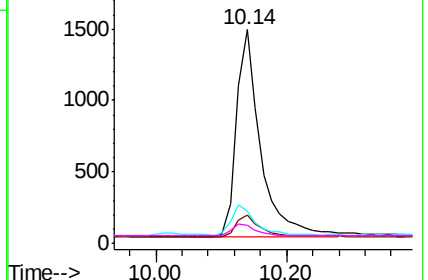
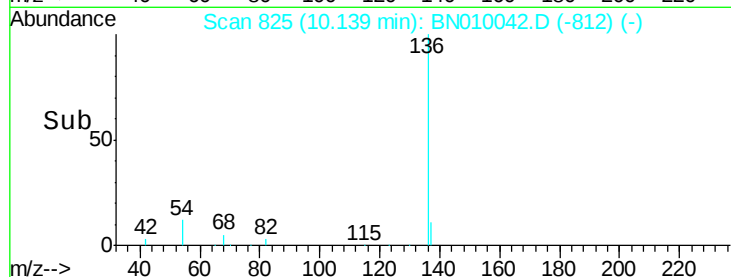


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.362 ng

RT: 8.57 min Scan# 701

Delta R.T. -0.03 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

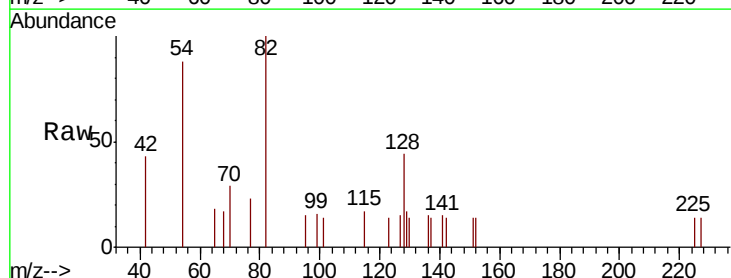
Tgt Ion: 82 Resp: 1120

Ion Ratio Lower Upper

82 100

128 43.7 32.5 48.7

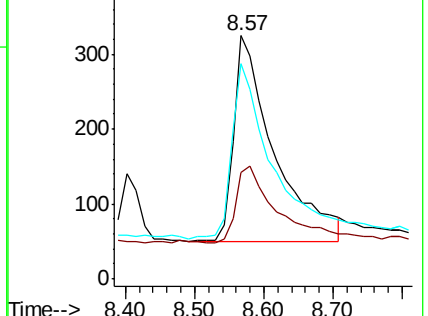
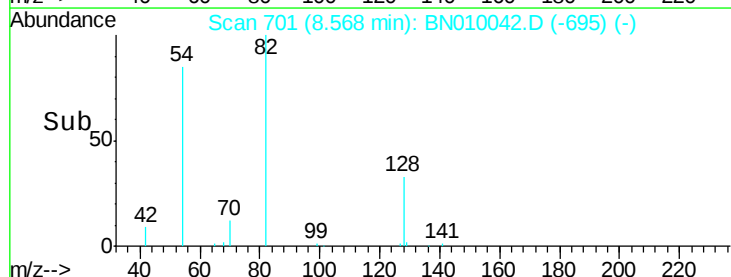
54 88.3 73.5 110.3



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: 0.394 ng

RT: 10.19 min Scan# 829

Delta R.T. -0.04 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

Instrument :

BNA_N

ClientSampleId :

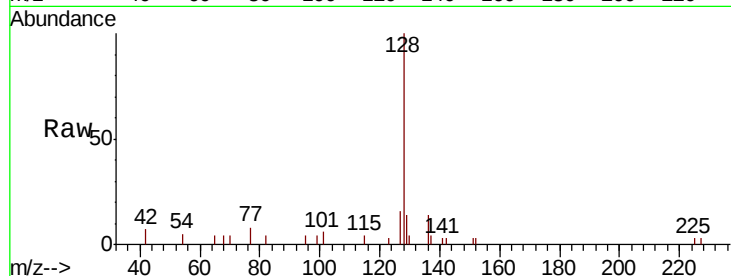
Tot Ion:128 Resp: 3991

Ion Ratio Lower Upper

128 100

129 14.0 11.1 16.7

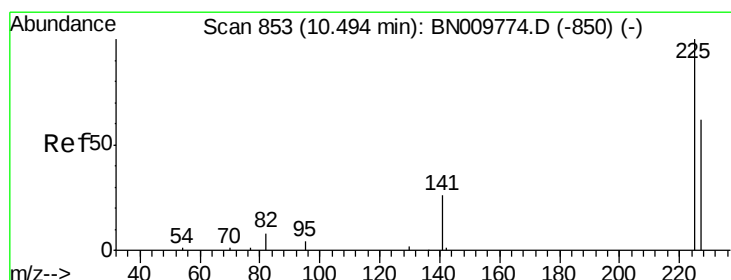
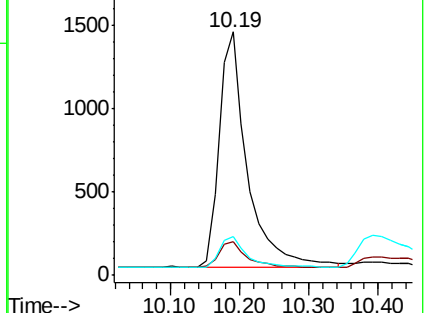
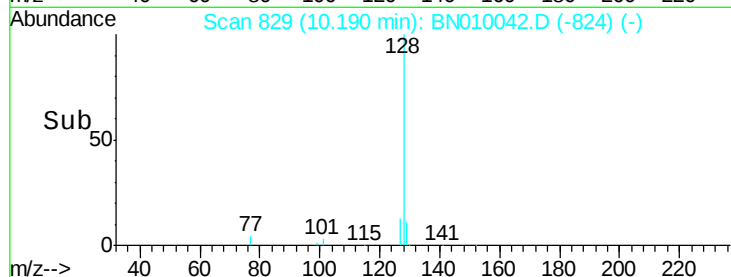
127 15.8 12.6 19.0



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: 0.382 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.04 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

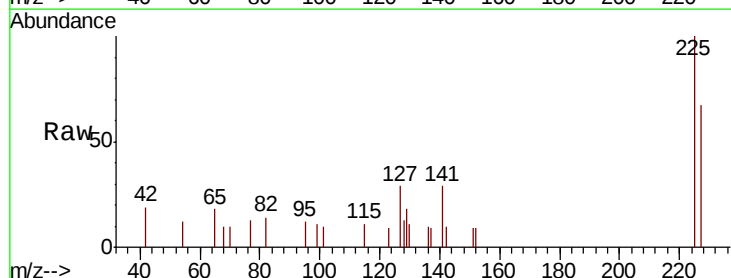
Tgt Ion:225 Resp: 852

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

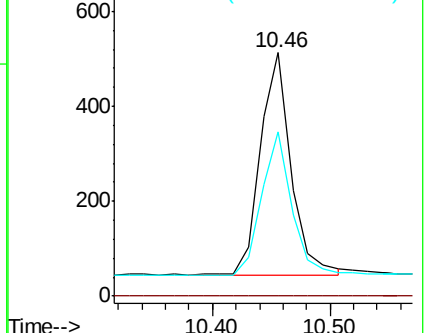
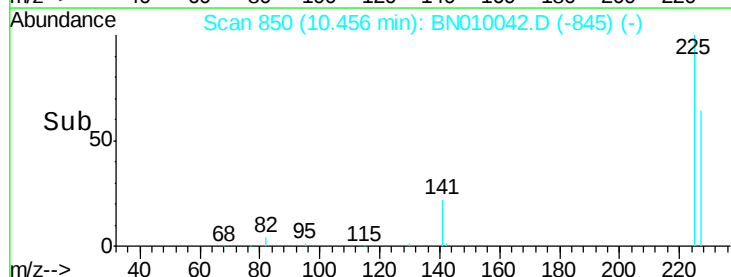
227 63.1 53.4 80.2



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: 0.403 ng

RT: 11.74 min Scan# 986

Delta R.T. -0.04 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

Instrument :

BNA_N

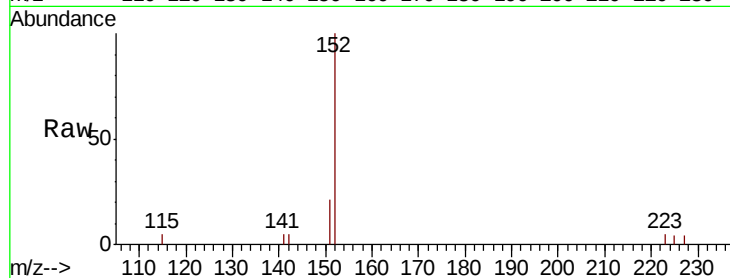
ClientSampleId :

Tot Ion:152 Resp: 2897

Ion Ratio Lower Upper

152 100

151 18.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.74

1000

800

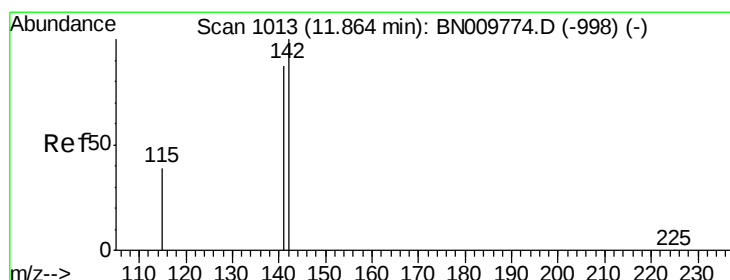
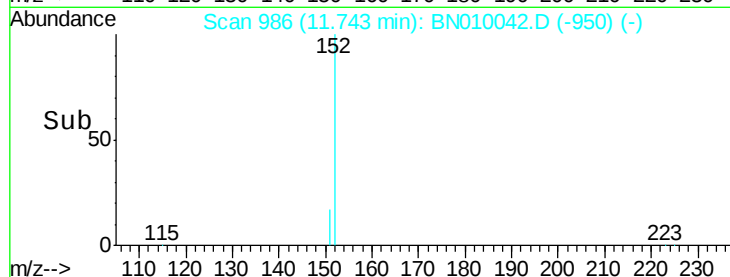
600

400

200

0

Time--> 11.60 11.80



#12

2-Methylnaphthalene

Concen: 0.408 ng

RT: 11.82 min Scan# 1004

Delta R.T. -0.04 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

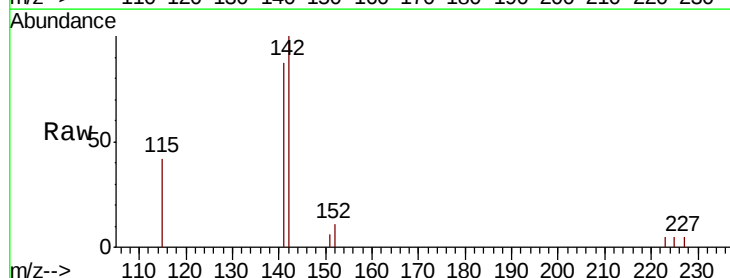
Tgt Ion:142 Resp: 2833

Ion Ratio Lower Upper

142 100

141 86.5 69.8 104.6

115 41.8 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

11.82

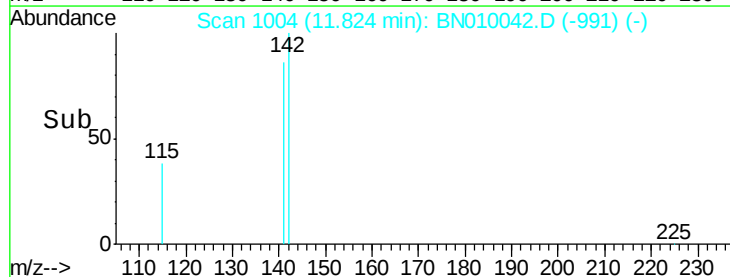
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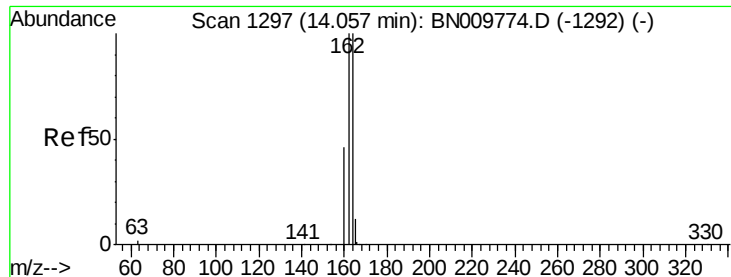
1000

500

0

Time--> 11.70 11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.02 min Scan# 1293

Delta R.T. -0.04 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

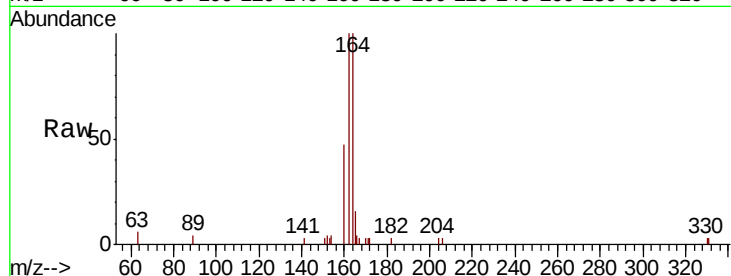
Instrument :

BNA_N

ClientSampleId :

Tot Ion:164 Resp: 2542

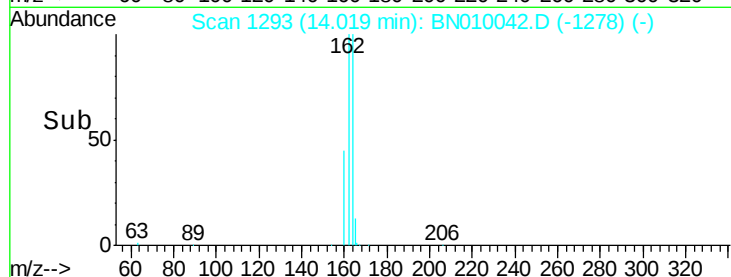
Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.9	119.9
160	46.7	38.2	57.2



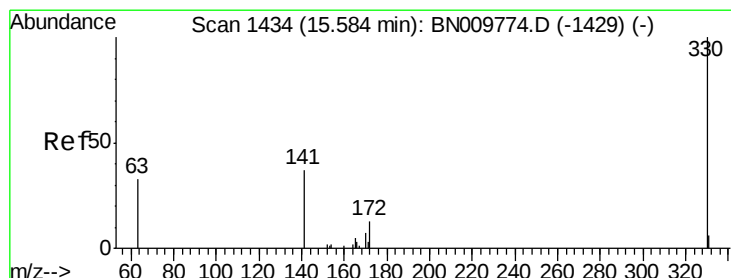
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.426 ng

RT: 15.55 min Scan# 1430

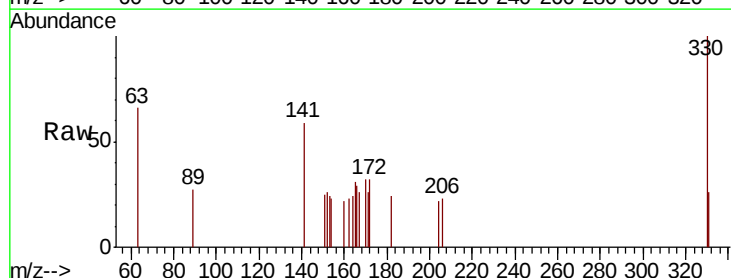
Delta R.T. -0.04 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

Tgt Ion:330 Resp: 417

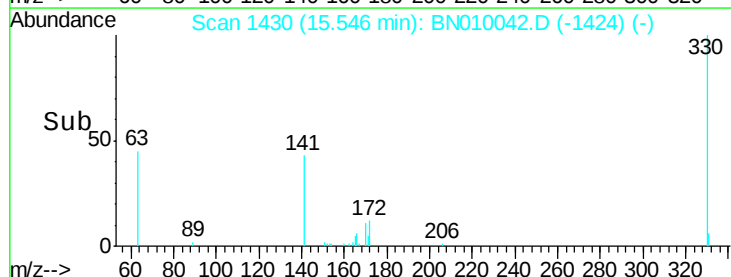
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	44.4	36.8	55.2



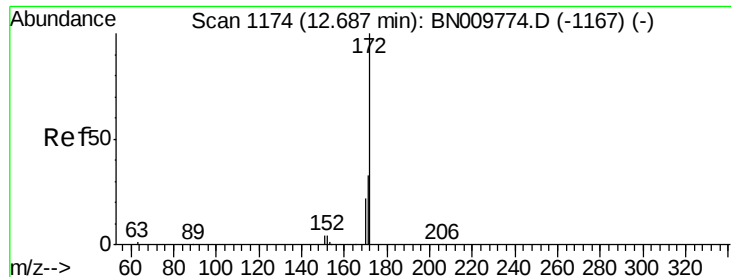
Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



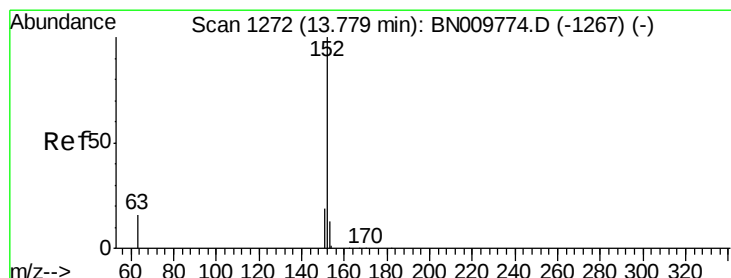
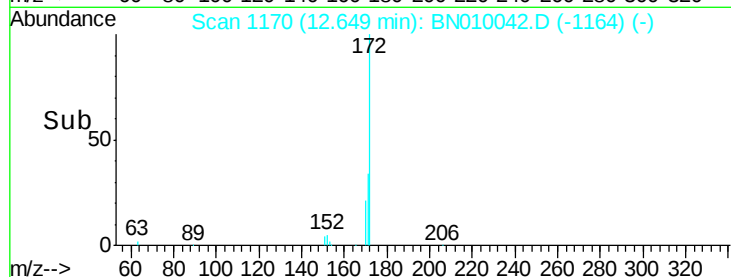
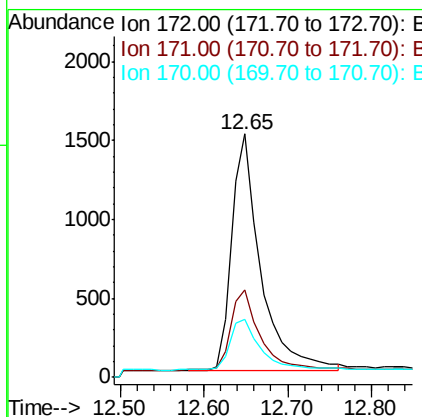
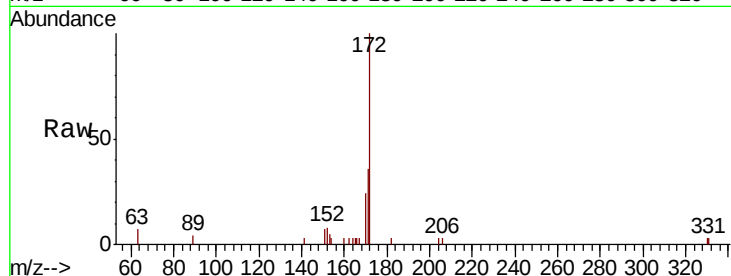
Time-->



#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 12.65 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

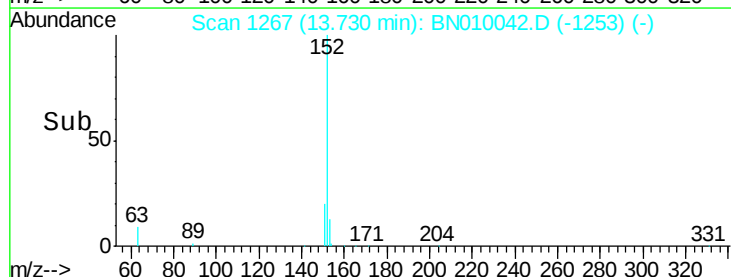
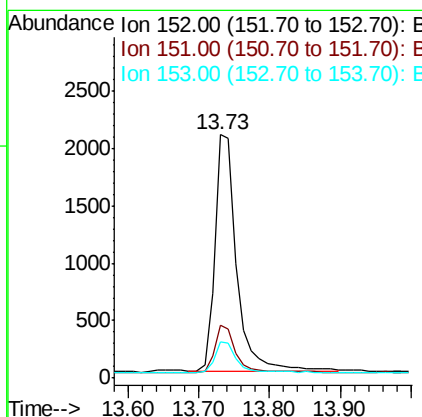
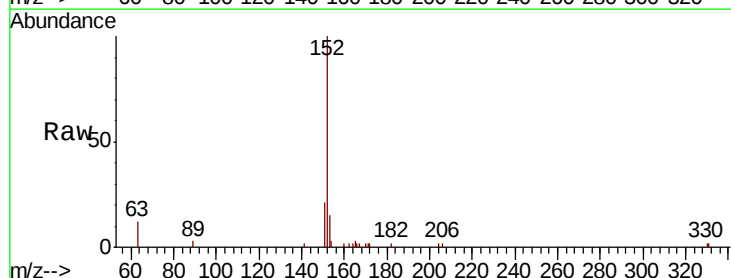
Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 3586
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 24.0 20.1 30.1



#16
Acenaphthylene
Concen: 0.412 ng
RT: 13.73 min Scan# 1267
Delta R.T. -0.05 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Tgt Ion:152 Resp: 4465
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.6
153 13.3 10.2 15.4





#17

Acenaphthene

Concen: 0.393 ng

RT: 14.09 min Scan# 1299

Delta R.T. -0.04 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

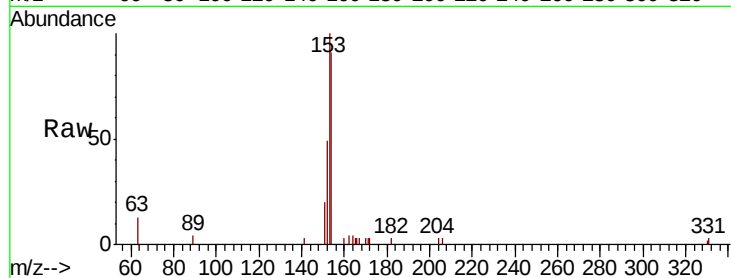
Instrument :

BNA_N

ClientSampleId :

Tot Ion:154 Resp: 2992

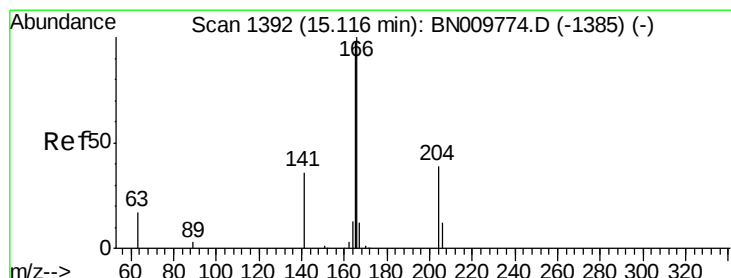
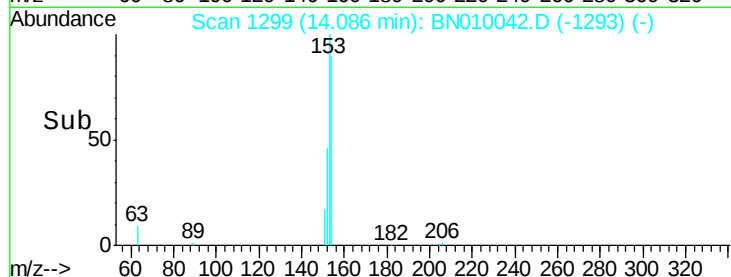
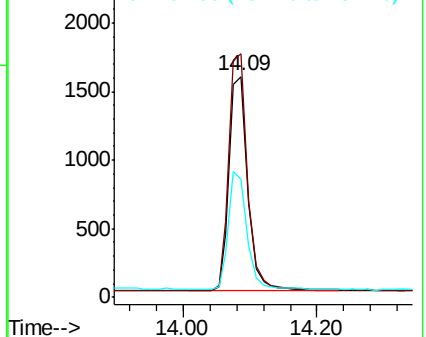
Ion	Ratio	Lower	Upper
154	100		
153	112.3	88.9	133.3
152	55.2	44.2	66.2



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: 0.379 ng

RT: 15.08 min Scan# 1388

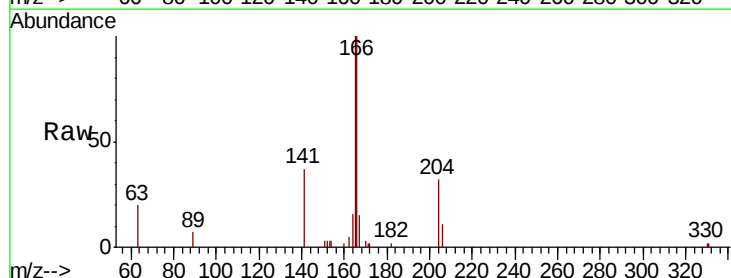
Delta R.T. -0.04 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

Tgt Ion:166 Resp: 3812

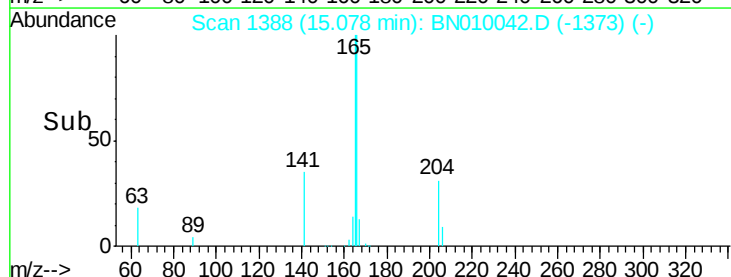
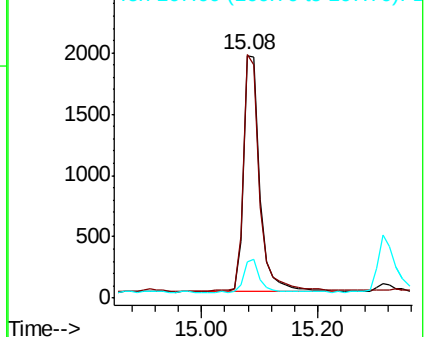
Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.2	115.8
167	13.1	10.5	15.7



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: 16.78 min Scan# 1544

Delta R.T. -0.04 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

Instrument :

BNA_N

ClientSampleId :

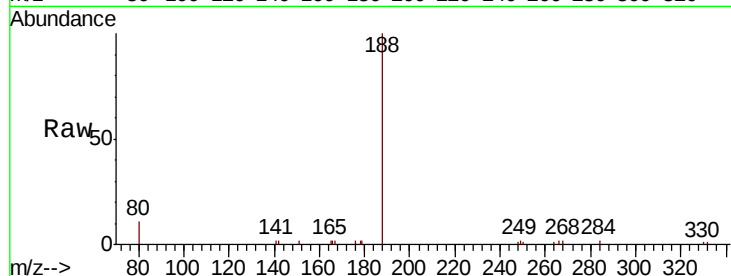
Tot Ion:188 Resp: 5671

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

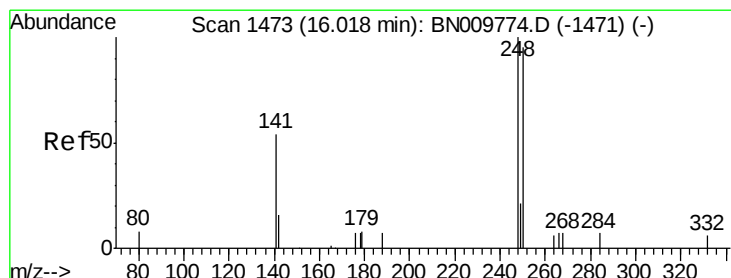
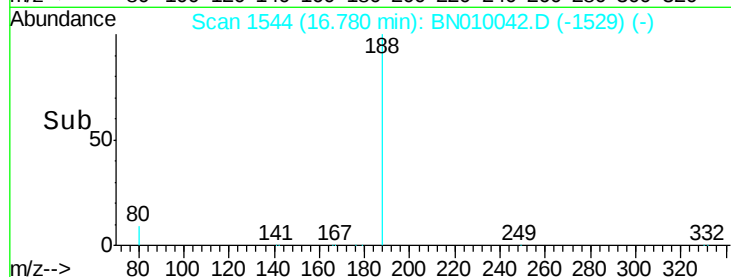
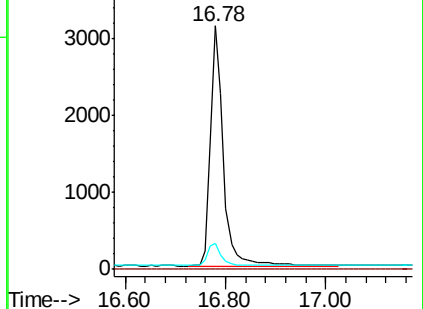
80 10.9 8.3 12.5



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: Below Cal

RT: 16.01 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

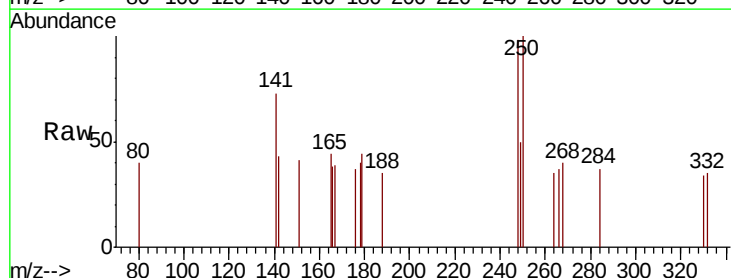
Tgt Ion:248 Resp: 232

Ion Ratio Lower Upper

248 100

250 102.3 76.2 114.4

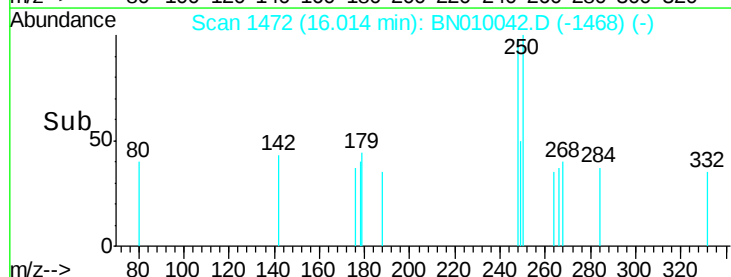
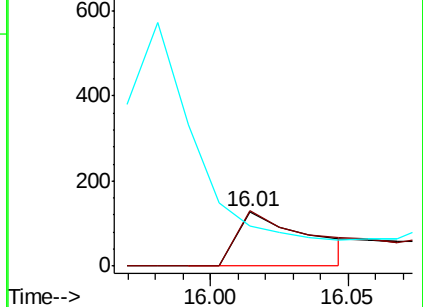
141 74.2 57.8 86.6

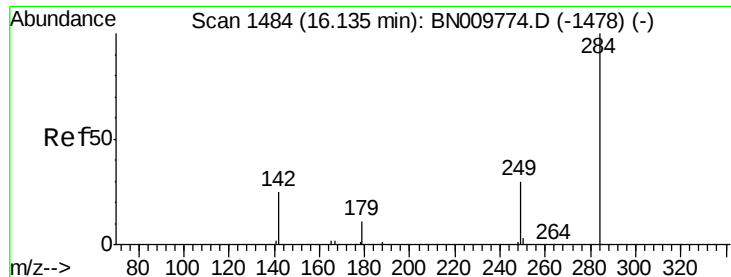


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

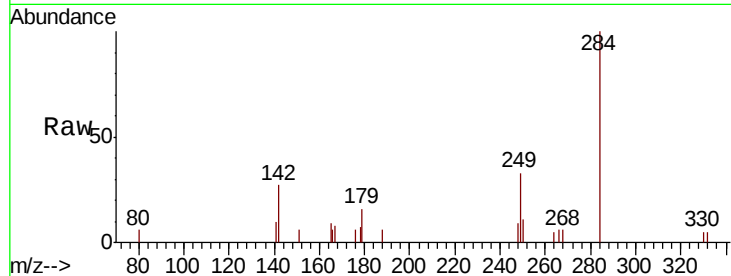




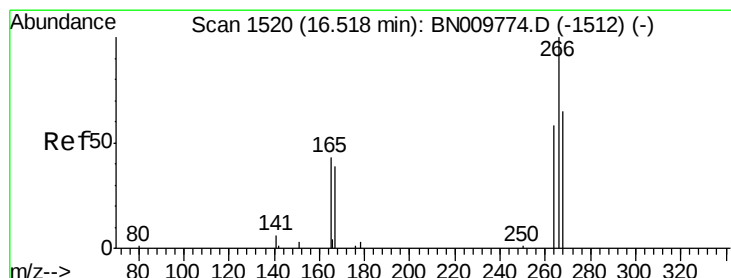
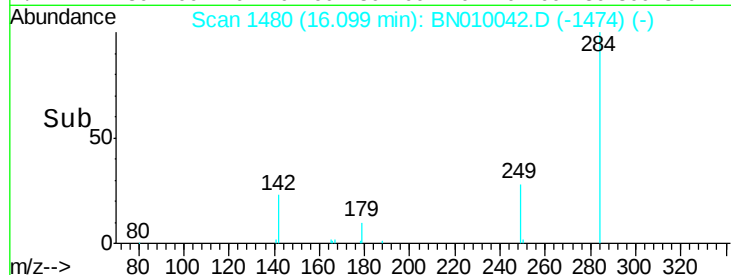
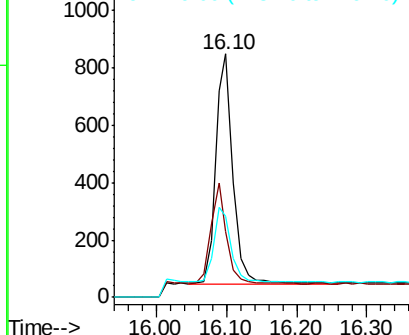
#21
Hexachlorobenzene
Concen: 0.391 ng
RT: 16.10 min Scan# 1480
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Instrument :
BNA_N
ClientSampled :

Tot Ion:284 Resp: 1380
Ion Ratio Lower Upper
284 100
142 40.7 33.3 49.9
249 32.0 25.7 38.5

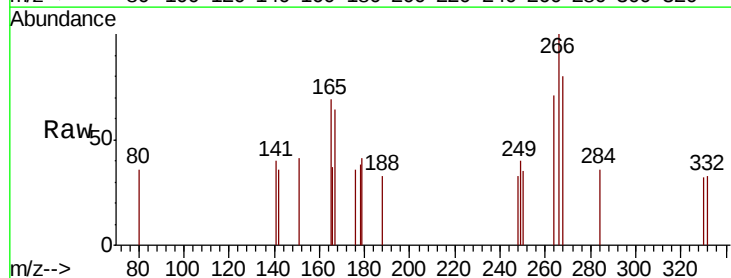


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

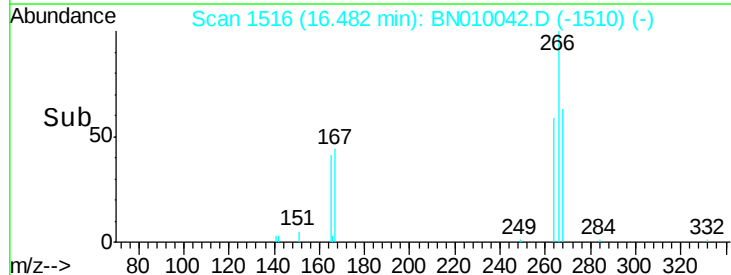
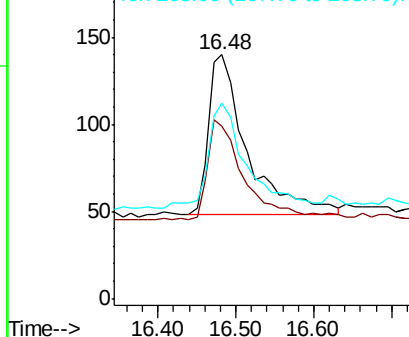


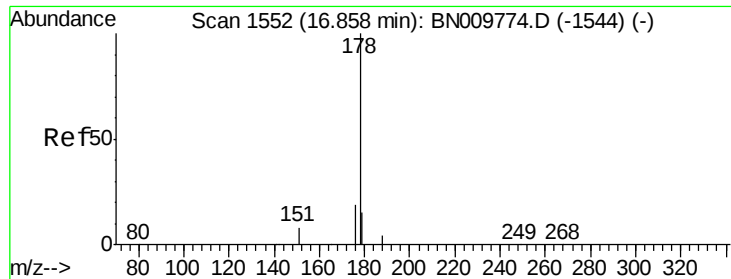
#22
Pentachlorophenol
Concen: 0.447 ng
RT: 16.48 min Scan# 1516
Delta R.T. -0.04 min
Lab File: BN010042.D
Acq: 02 Mar 2020 16:21

Tgt Ion:266 Resp: 317
Ion Ratio Lower Upper
266 100
264 70.7 58.1 87.1
268 80.0 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: 0.373 ng

RT: 16.82 min Scan# 1548

Delta R.T. -0.04 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

Instrument :

BNA_N

ClientSampleId :

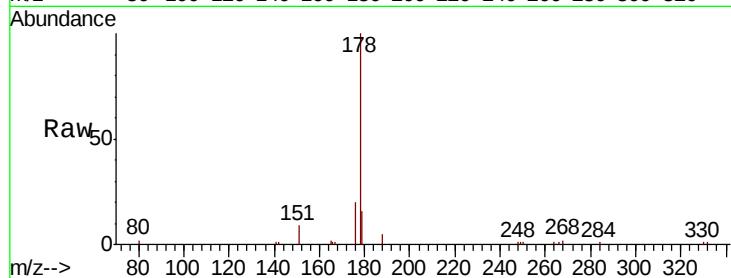
Tot Ion:178 Resp: 6290

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

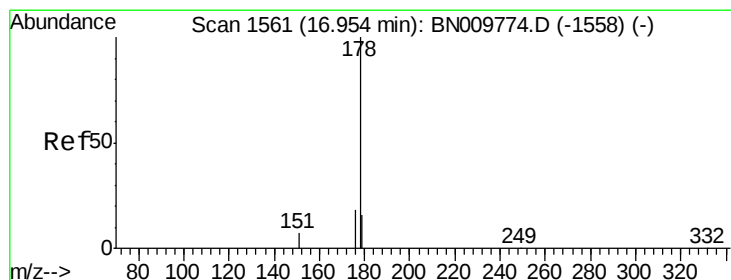
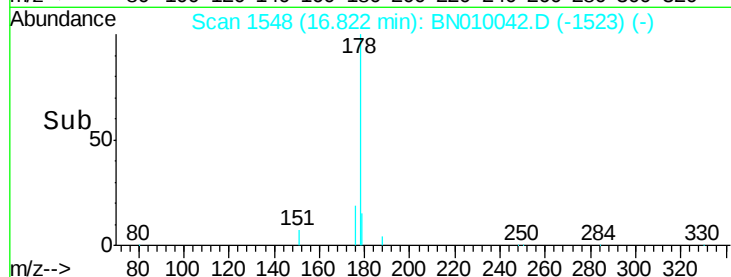
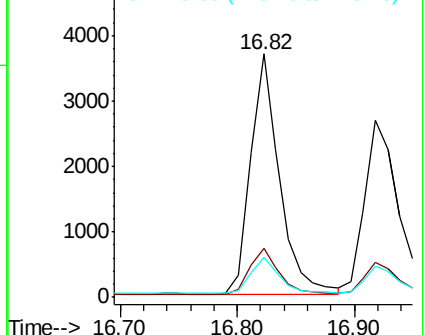
179 15.2 12.4 18.6



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: 0.382 ng

RT: 16.92 min Scan# 1557

Delta R.T. -0.04 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

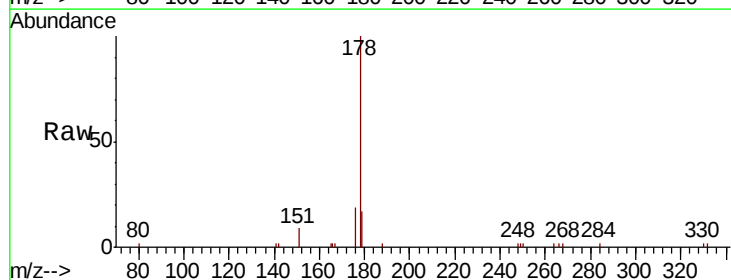
Tgt Ion:178 Resp: 5457

Ion Ratio Lower Upper

178 100

176 17.8 14.3 21.5

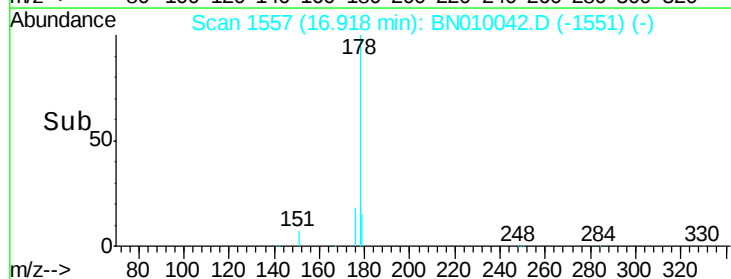
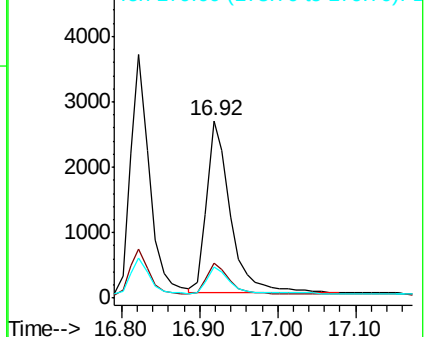
179 14.3 12.4 18.6

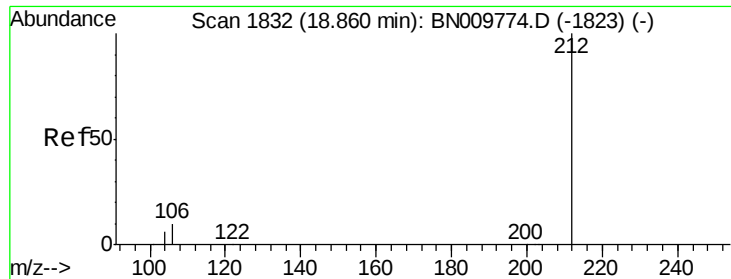


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.373 ng

RT: 18.82 min Scan# 1823

Delta R.T. -0.04 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

Instrument :

BNA_N

ClientSampleId :

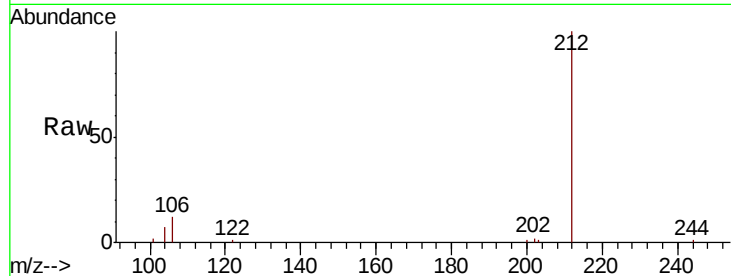
Tot Ion:212 Resp: 7323

Ion Ratio Lower Upper

212 100

106 11.2 8.4 12.6

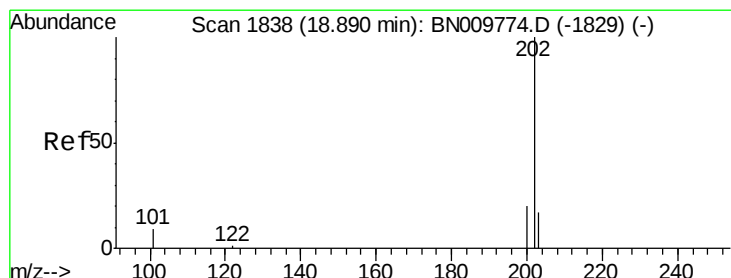
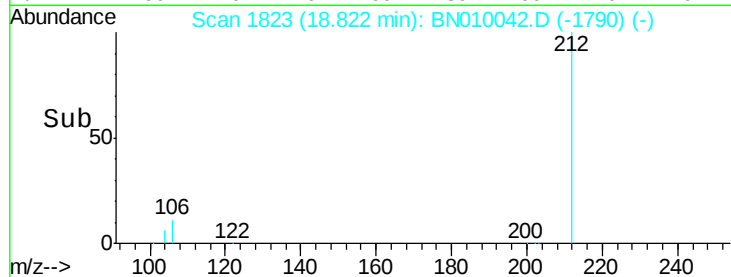
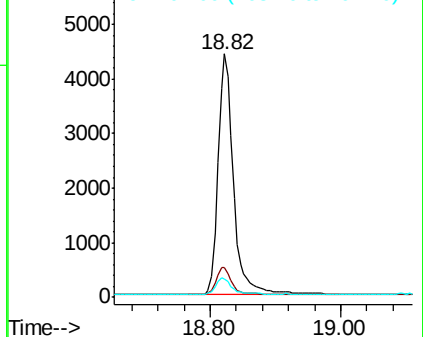
104 6.5 4.8 7.2



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: 0.406 ng

RT: 18.85 min Scan# 1829

Delta R.T. -0.04 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

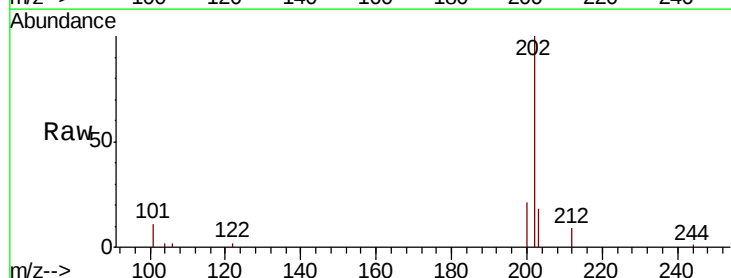
Tgt Ion:202 Resp: 8199

Ion Ratio Lower Upper

202 100

101 9.7 7.1 10.7

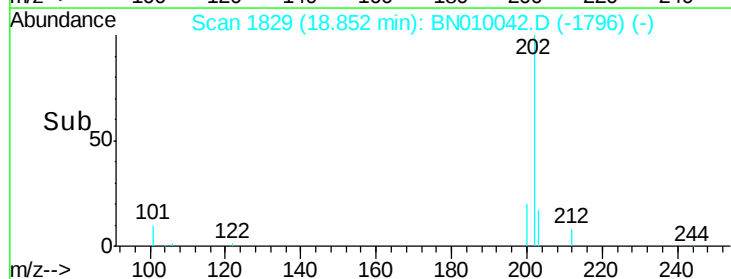
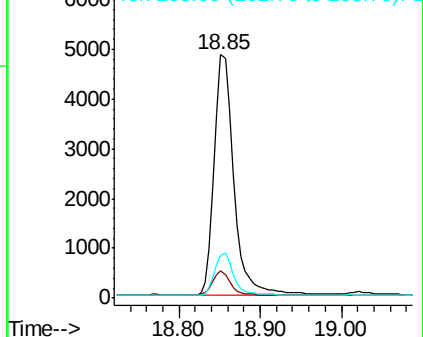
203 17.2 13.8 20.6



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# 2155

Delta R.T. -0.04 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

Instrument :

BNA_N

ClientSampleId :

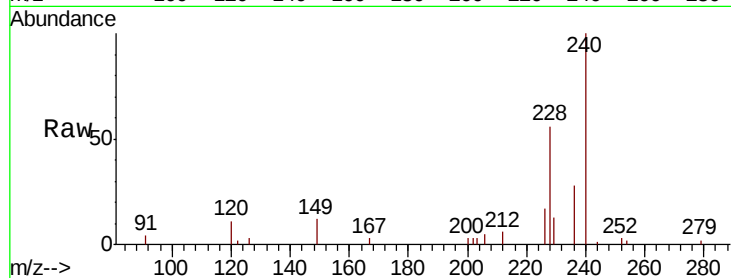
Tot Ion:240 Resp: 5189

Ion Ratio Lower Upper

240 100

120 11.2 7.9 11.9

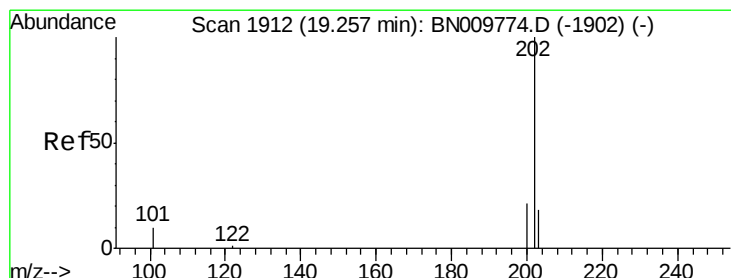
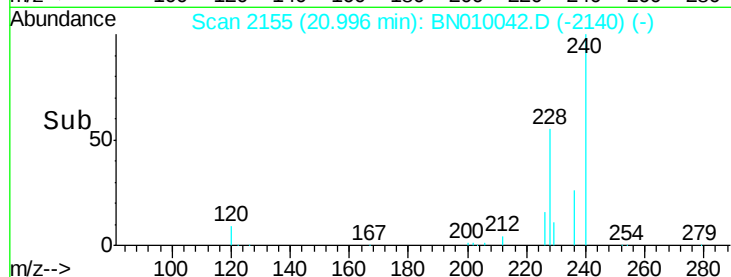
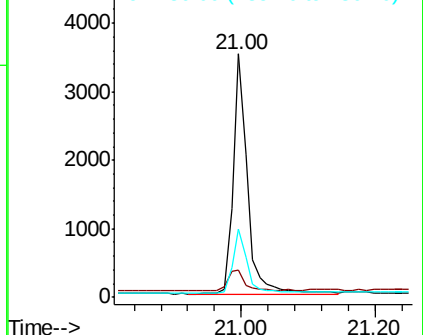
236 27.8 22.0 33.0



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: 0.416 ng

RT: 19.22 min Scan# 1903

Delta R.T. -0.04 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

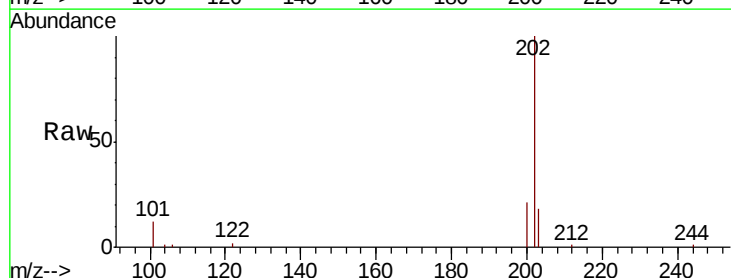
Tgt Ion:202 Resp: 8205

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

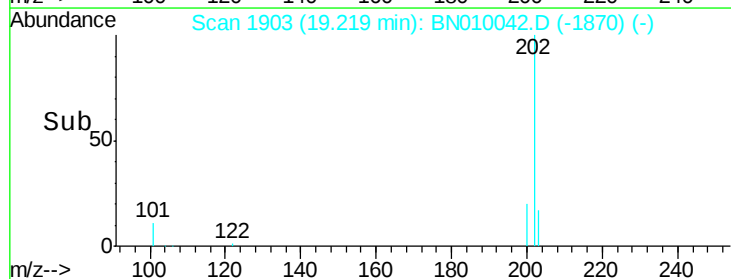
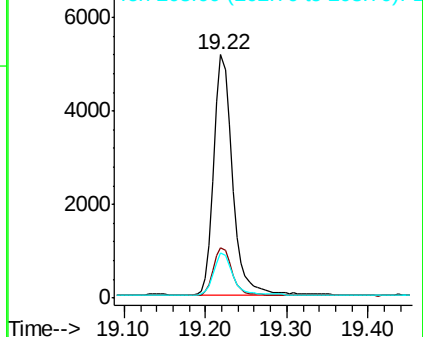
203 18.1 13.9 20.9

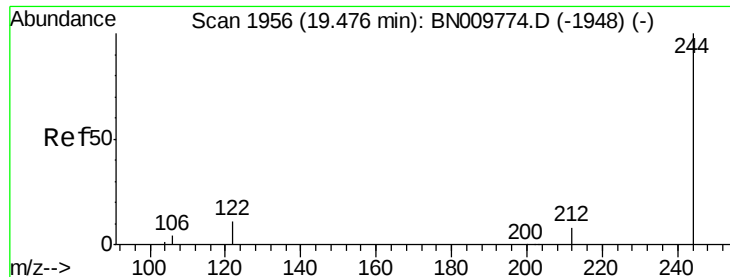


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.385 ng

RT: 19.44 min Scan# 1947

Delta R.T. -0.04 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

Instrument :

BNA_N

ClientSampleId :

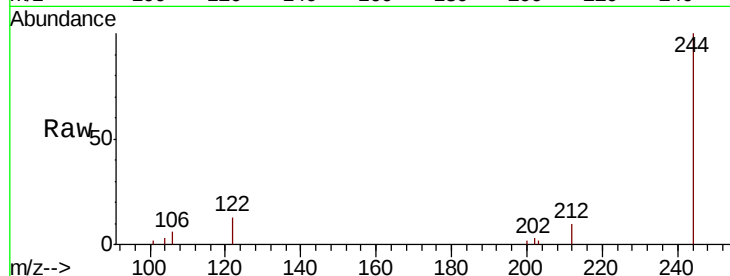
Tot Ion:244 Resp: 4769

Ion Ratio Lower Upper

244 100

212 9.6 8.0 12.0

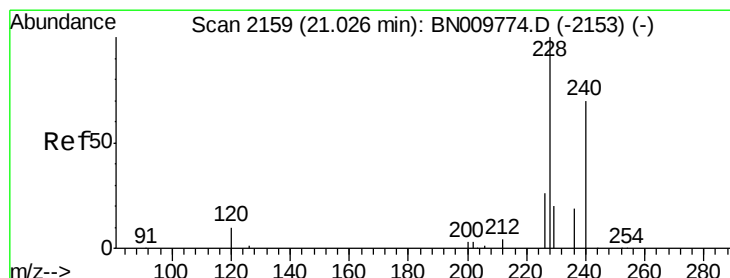
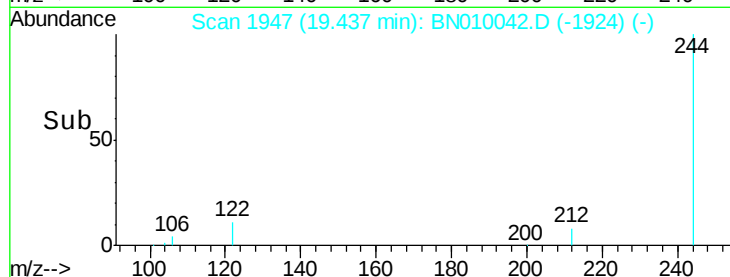
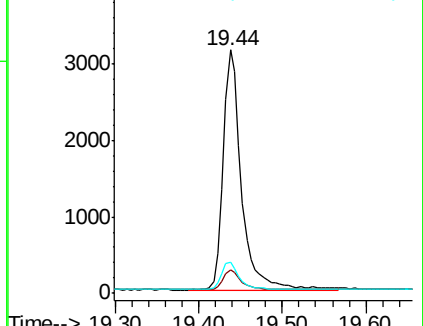
122 12.6 10.0 15.0



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: 0.392 ng

RT: 20.99 min Scan# 2154

Delta R.T. -0.04 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

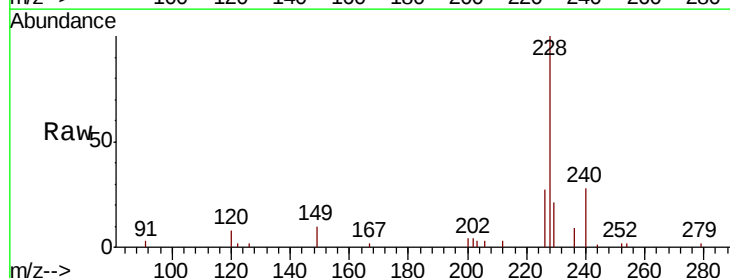
Tgt Ion:228 Resp: 6751

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

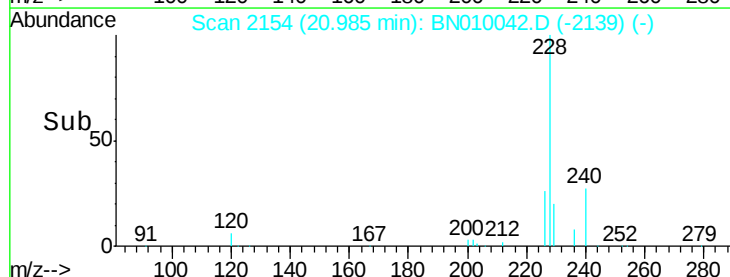
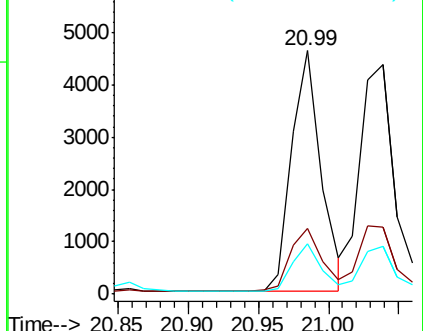
229 20.7 17.1 25.7

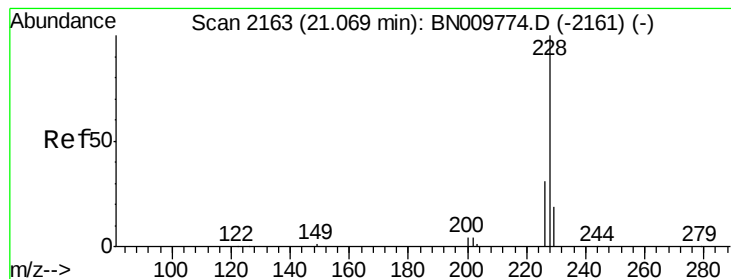


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.377 ng

RT: 21.04 min Scan# 2159

Delta R.T. -0.03 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

Instrument :

BNA_N

ClientSampleId :

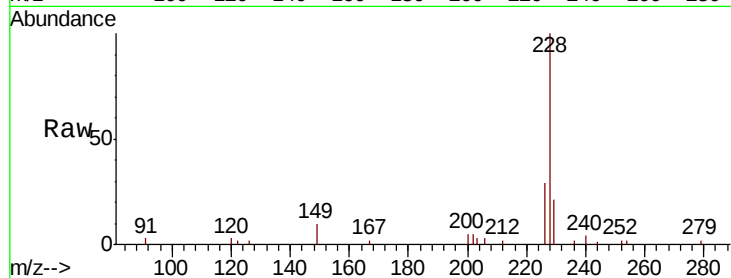
Tot Ion:228 Resp: 7516

Ion Ratio Lower Upper

228 100

226 29.1 24.8 37.2

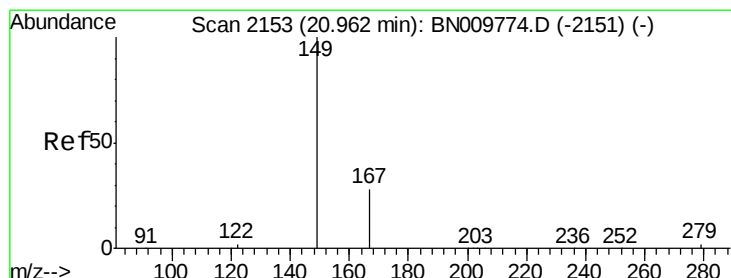
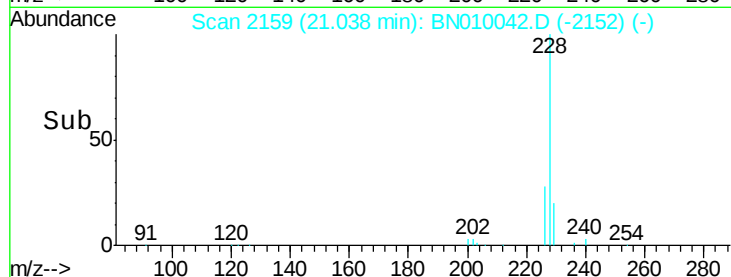
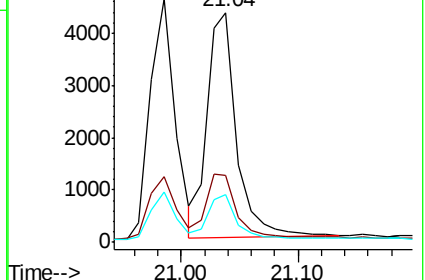
229 20.8 16.4 24.6



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: 0.552 ng

RT: 20.93 min Scan# 2149

Delta R.T. -0.03 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

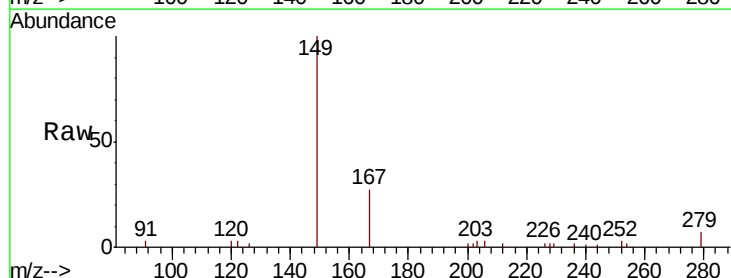
Tgt Ion:149 Resp: 4635

Ion Ratio Lower Upper

149 100

167 27.8 22.7 34.1

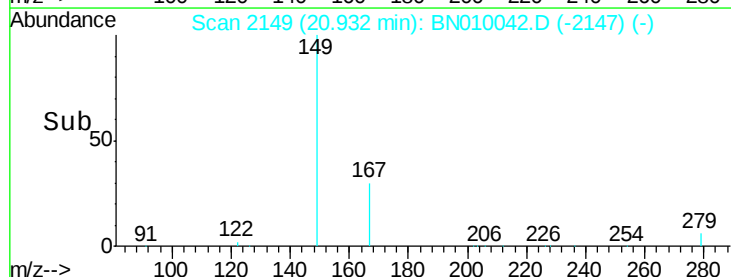
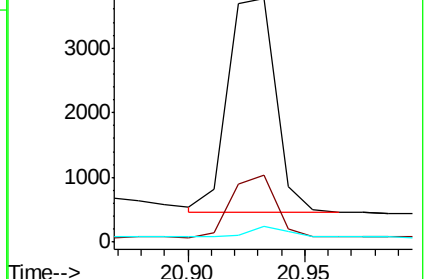
279 4.3 3.1 4.7

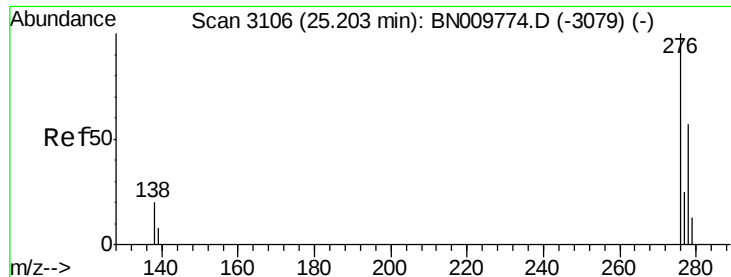


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

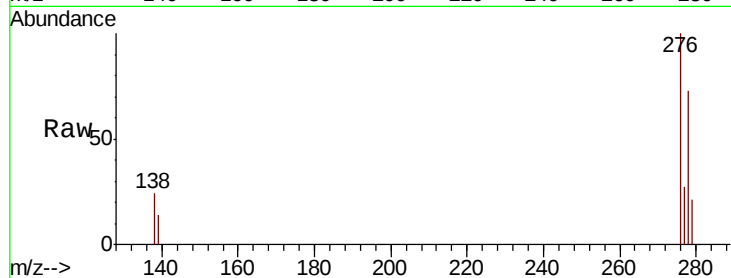




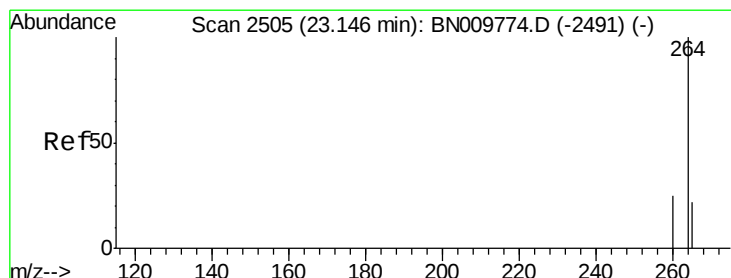
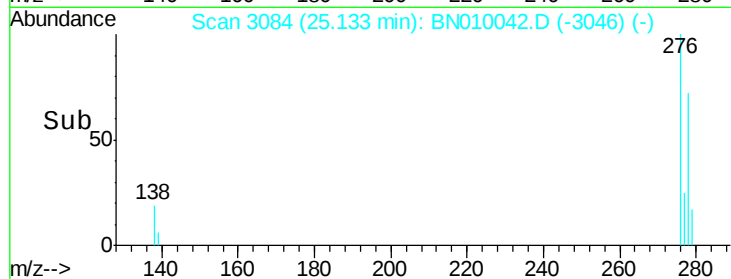
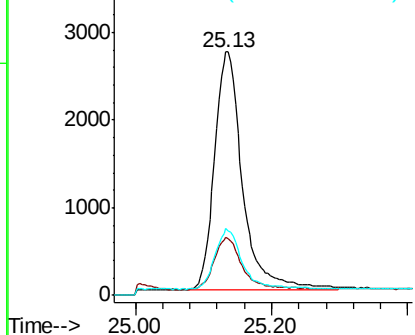
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.373 ng
 RT: 25.13 min Scan# 3084
 Delta R.T. -0.07 min
 Lab File: BN010042.D
 Acq: 02 Mar 2020 16:21

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 7742
 Ion Ratio Lower Upper
 276 100
 138 20.2 15.8 23.6
 277 23.4 19.3 28.9

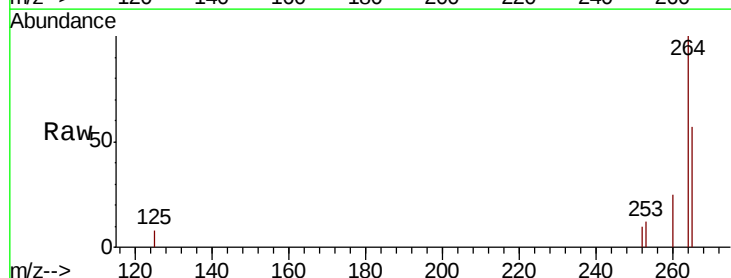


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

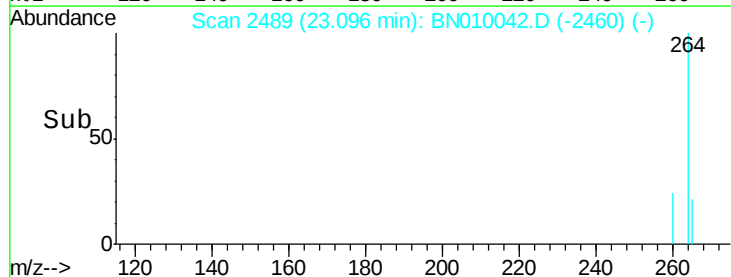
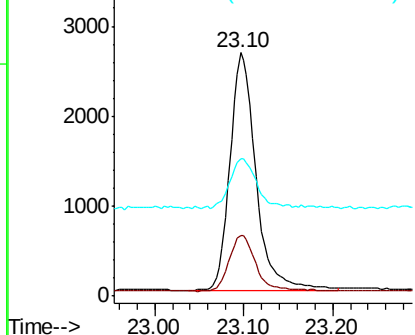


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.10 min Scan# 2489
 Delta R.T. -0.05 min
 Lab File: BN010042.D
 Acq: 02 Mar 2020 16:21

Tgt Ion:264 Resp: 5367
 Ion Ratio Lower Upper
 264 100
 260 25.0 21.1 31.7
 265 56.6 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: 0.366 ng

RT: 22.48 min Scan# 2310

Delta R.T. -0.04 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

Instrument :

BNA_N

ClientSampleId :

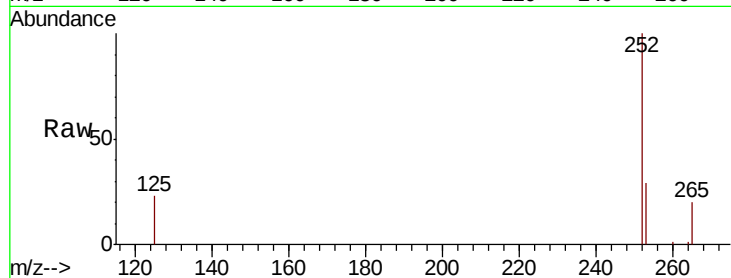
Tot Ion:252 Resp: 7183

Ion Ratio Lower Upper

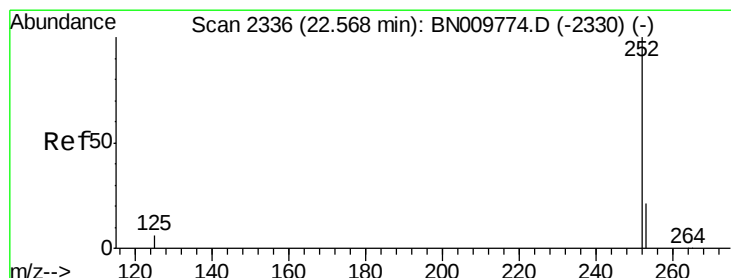
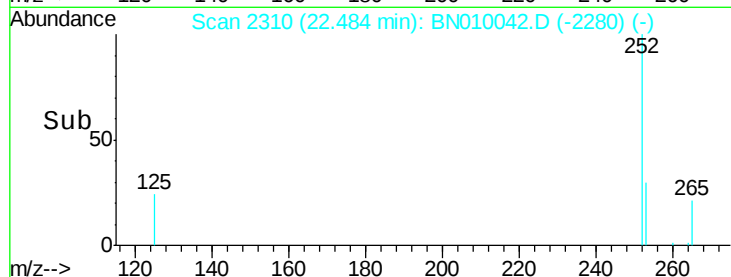
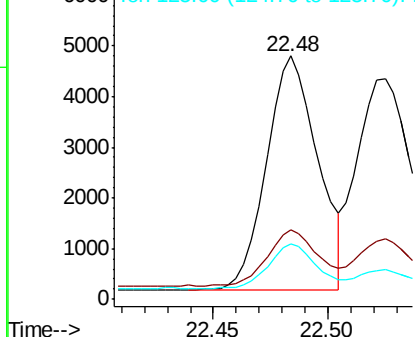
252 100

253 28.5 23.0 34.6

125 22.7 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: 0.348 ng

RT: 22.52 min Scan# 2322

Delta R.T. -0.04 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

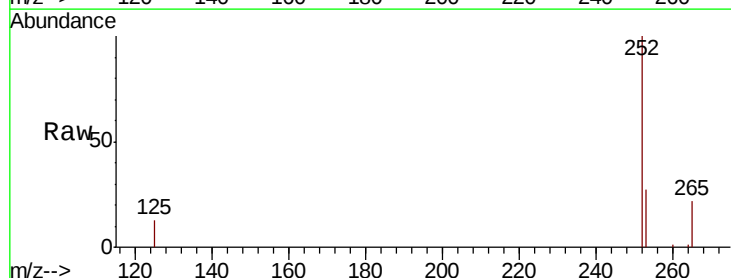
Tgt Ion:252 Resp: 7426

Ion Ratio Lower Upper

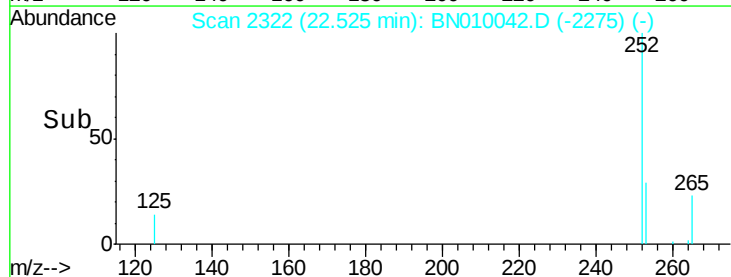
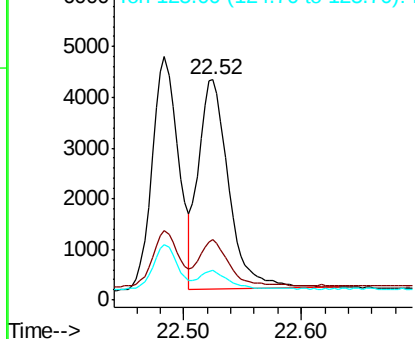
252 100

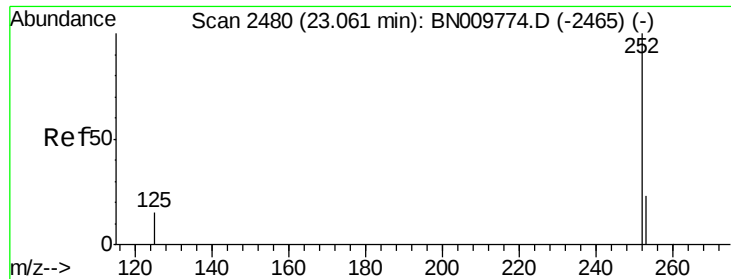
253 27.4 22.2 33.2

125 13.4 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: 0.388 ng

RT: 23.01 min Scan# 2464

Delta R.T. -0.05 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

Instrument :

BNA_N

ClientSampleId :

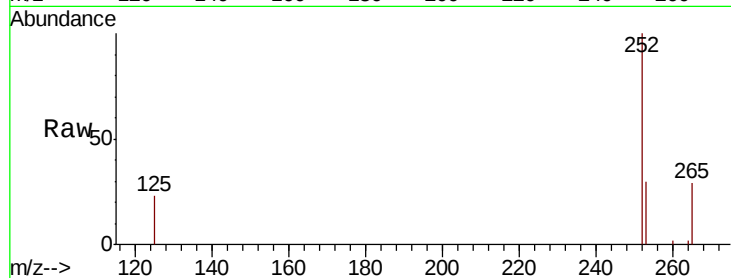
Tot Ion:252 Resp: 6949

Ion Ratio Lower Upper

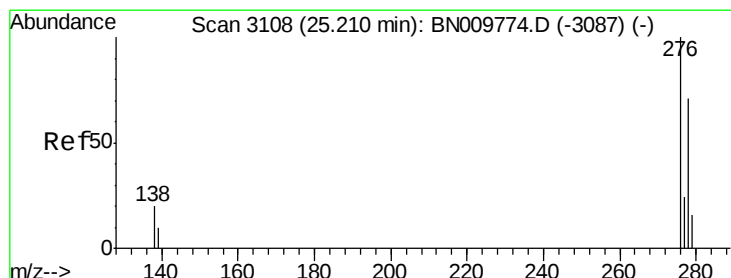
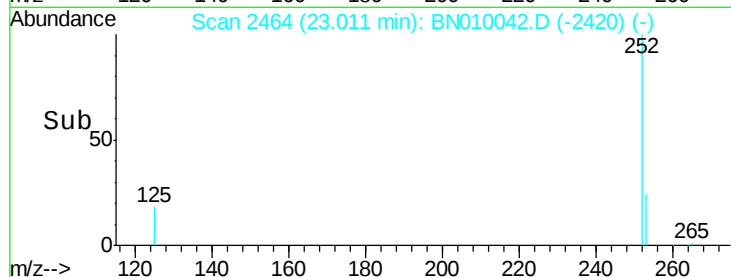
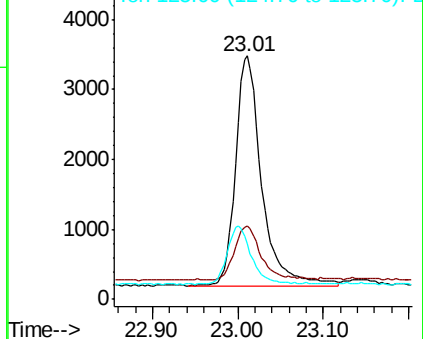
252 100

253 30.1 25.3 37.9

125 23.0 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: 0.345 ng

RT: 25.14 min Scan# 3086

Delta R.T. -0.07 min

Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

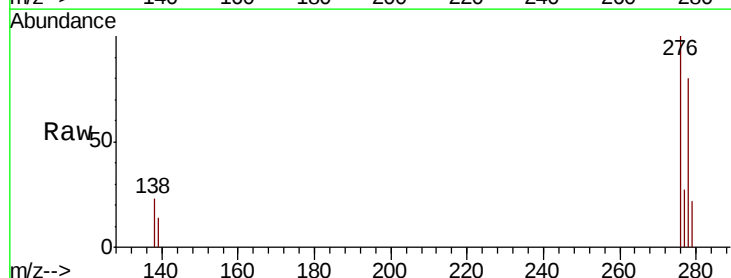
Tgt Ion:278 Resp: 6089

Ion Ratio Lower Upper

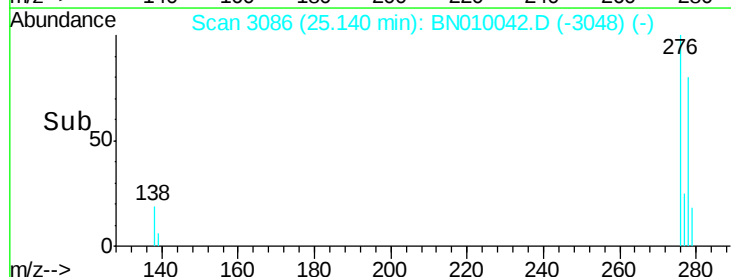
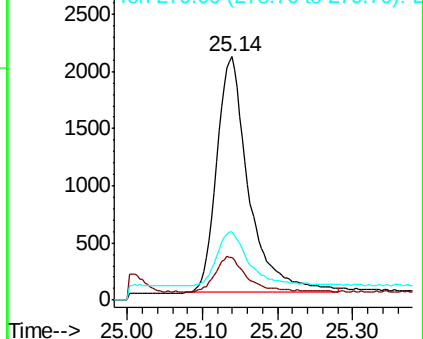
278 100

139 17.6 14.5 21.7

279 27.9 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: 0.346 ng

RT: 25.76 min Scan# 3266

Delta R.T. -0.07 min

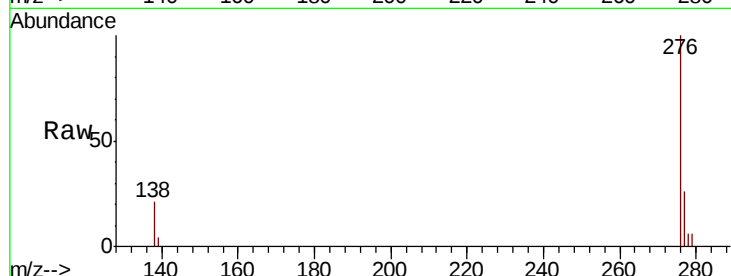
Lab File: BN010042.D

Acq: 02 Mar 2020 16:21

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 6498

Ion Ratio Lower Upper

276 100

277 26.0 21.4 32.0

138 20.9 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

