

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031320\
 Data File : BN010209.D
 Acq On : 13 Mar 2020 20:23
 Operator : CG/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

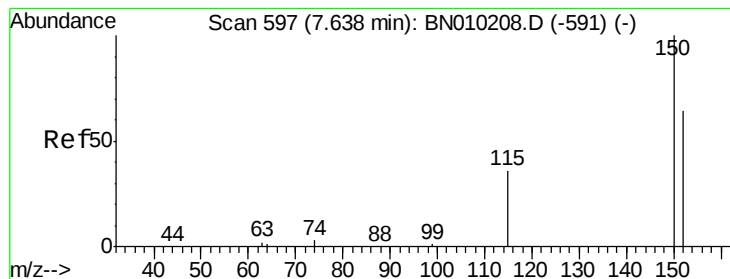
Quant Time: Mar 16 01:57:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 01:51:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	2923	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	10702	0.40	ng	0.00
13) Acenaphthene-d10	14.26	164	7196	0.40	ng	0.00
19) Phenanthrene-d10	17.00	188	16943	0.40	ng	0.00
27) Chrysene-d12	21.20	240	17507	0.40	ng	0.00
34) Perylene-d12	23.37	264	19807	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	5375	0.83	ng	0.00
5) Phenol-d6	6.82	99	6671	0.84	ng	0.00
8) Nitrobenzene-d5	8.77	82	4829	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	11.99	152	13567	0.66	ng	0.00
14) 2,4,6-Tribromophenol	15.75	330	1926	0.69	ng	0.00
15) 2-Fluorobiphenyl	12.88	172	19620	0.72	ng	0.00
25) Fluoranthene-d10	19.03	212	39837	0.68	ng	0.00
29) Terphenyl-d14	19.65	244	30812	0.74	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	2337	0.781	ng	# 54
3) n-Nitrosodimethylamine	3.56	42	1885	0.384	ng	# 26
6) bis(2-Chloroethyl)ether	7.07	93	5567	0.724	ng	95
9) Naphthalene	10.44	128	20553	0.704	ng	97
10) Hexachlorobutadiene	10.76	225	4746	0.739	ng	# 96
12) 2-Methylnaphthalene	12.07	142	14833	0.741	ng	95
16) Acenaphthylene	13.97	152	25129	0.819	ng	100
17) Acenaphthene	14.31	154	14976	0.694	ng	99
18) Fluorene	15.31	166	20724	0.728	ng	100
20) 4-Bromophenyl-phenylether	16.21	248	7423	0.629	ng	98
21) Hexachlorobenzene	16.32	284	7228	0.685	ng	99
22) Pentachlorophenol	16.66	266	2142	0.792	ng	92
23) Phenanthrene	17.04	178	34394	0.682	ng	100
24) Anthracene	17.13	178	34282	0.804	ng	100
26) Fluoranthene	19.06	202	43311	0.717	ng	100
28) Pyrene	19.43	202	45028	0.677	ng	100
30) Benzo(a)anthracene	21.17	228	45606	0.785	ng	97
31) Chrysene	21.23	228	44658	0.664	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	18538	0.654	ng	# 96
33) Indeno(1,2,3-cd)pyrene	25.53	276	54018	0.772	ng	98
35) Benzo(b)fluoranthene	22.73	252	46069	0.636	ng	98
36) Benzo(k)fluoranthene	22.77	252	46992	0.596	ng	98
37) Benzo(a)pyrene	23.28	252	43446	0.658	ng	97
38) Dibenzo(a,h)anthracene	25.55	278	43976	0.676	ng	97
39) Benzo(g,h,i)perylene	26.18	276	43856	0.633	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.64 min Scan# 597

Delta R.T. -0.00 min

Lab File: BN010209.D

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Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

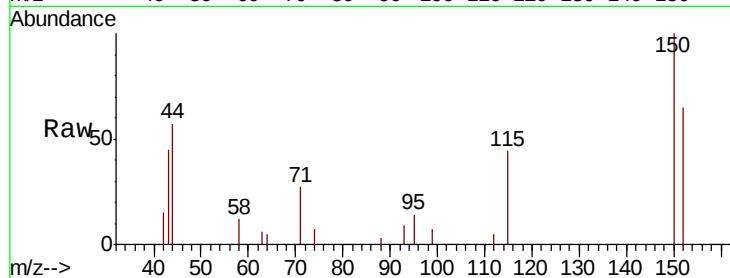
Tot Ion:152 Resp: 2923

Ion Ratio Lower Upper

152 100

150 153.4 119.5 179.3

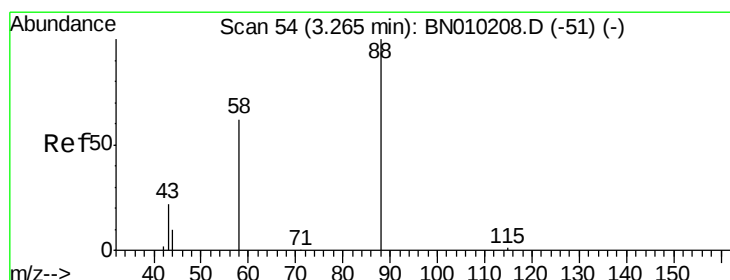
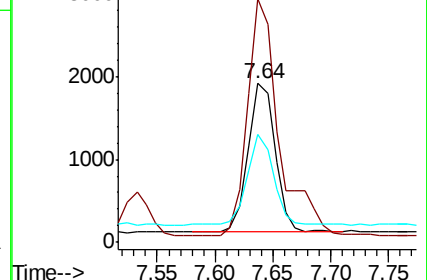
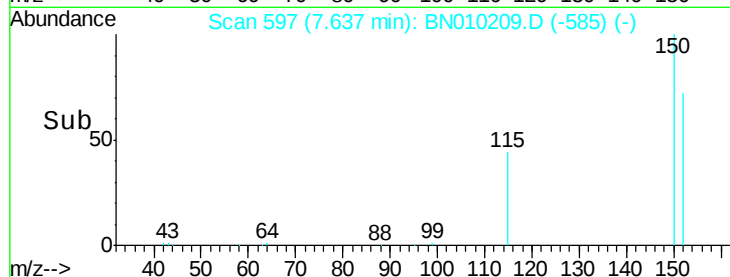
115 68.2 50.9 76.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.781 ng

RT: 3.26 min Scan# 54

Delta R.T. 0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

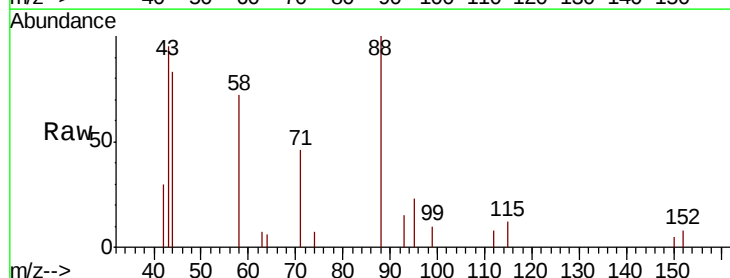
Tgt Ion: 88 Resp: 2337

Ion Ratio Lower Upper

88 100

58 64.6 97.8 146.8#

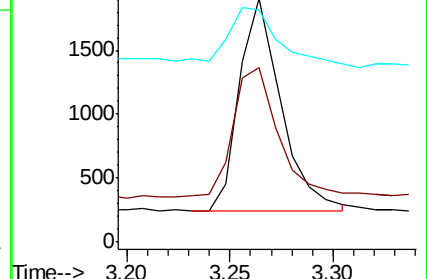
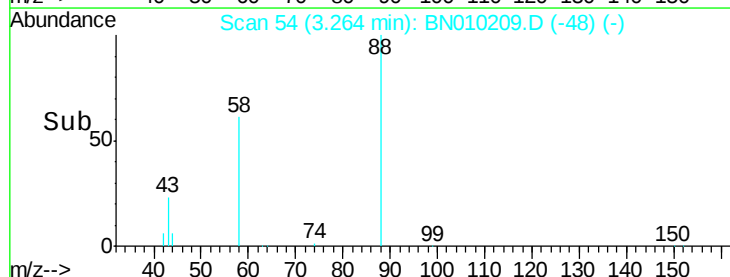
43 30.0 45.1 67.7#

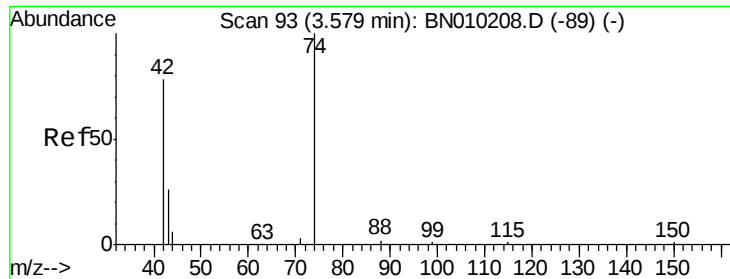


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.384 ng

RT: 3.56 min Scan# 91

Delta R.T. -0.02 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

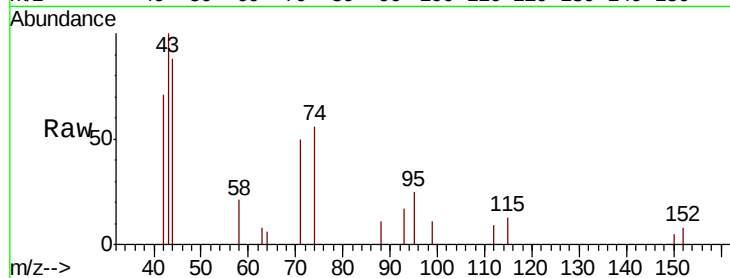
Tot Ion: 42 Resp: 1885

Ion Ratio Lower Upper

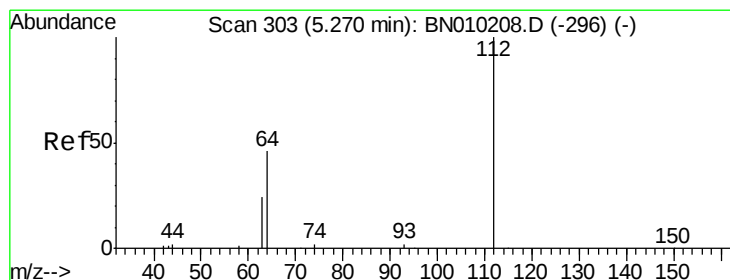
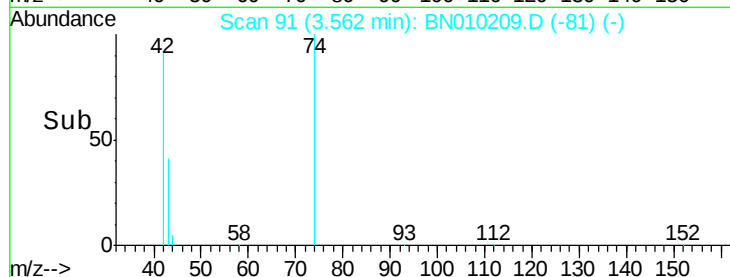
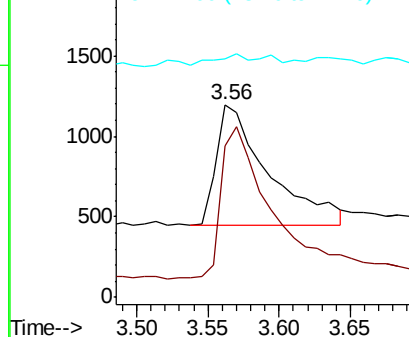
42 100

74 124.4 51.2 76.8#

44 6.8 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: 0.827 ng

RT: 5.27 min Scan# 303

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

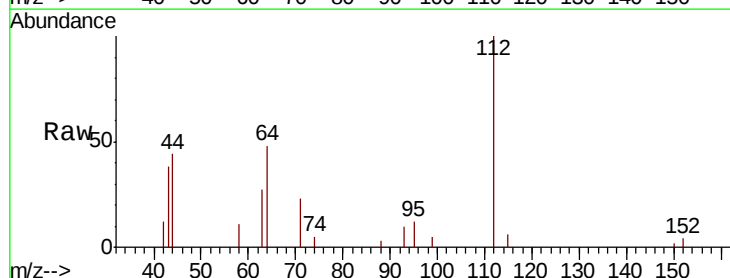
Tgt Ion: 112 Resp: 5375

Ion Ratio Lower Upper

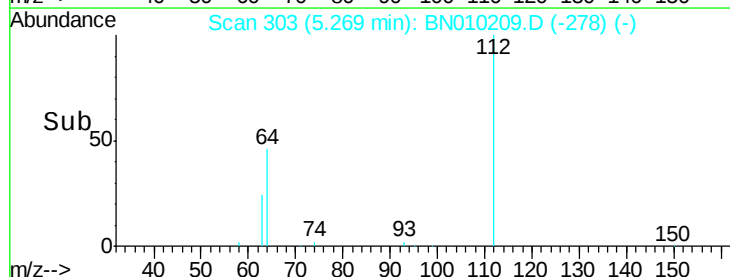
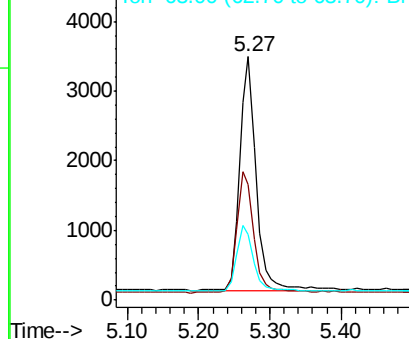
112 100

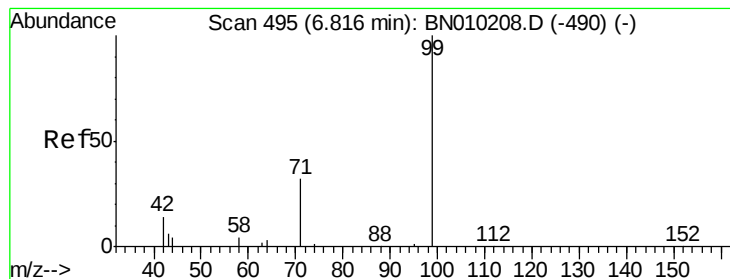
64 53.9 42.6 63.8

63 28.9 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: 0.844 ng

RT: 6.82 min Scan# 495

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

Instrument :

BNA_N

ClientSampled :

SSTDIC0.8

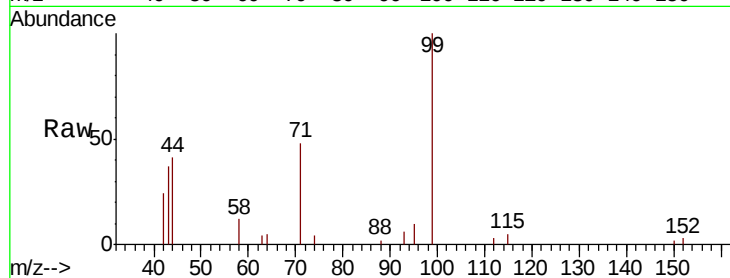
Tot Ion: 99 Resp: 6671

Ion Ratio Lower Upper

99 100

42 19.9 12.0 18.0#

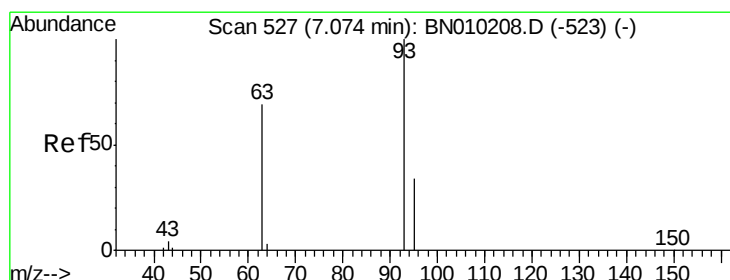
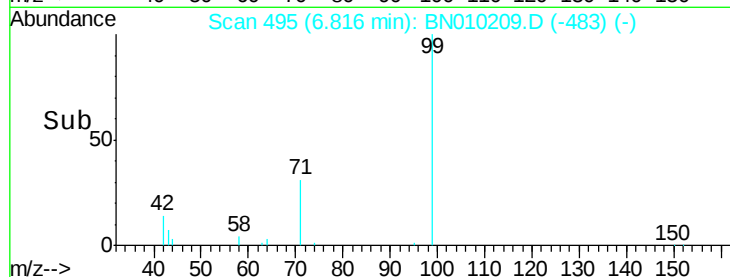
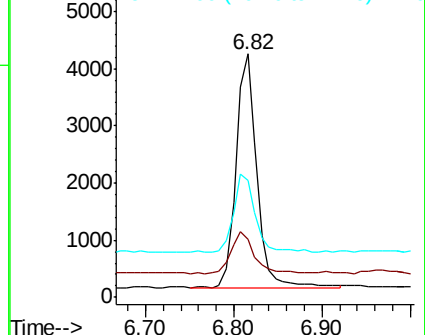
71 34.5 22.6 33.8#



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

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

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



#6

bis(2-Chloroethyl)ether

Concen: 0.724 ng

RT: 7.07 min Scan# 527

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

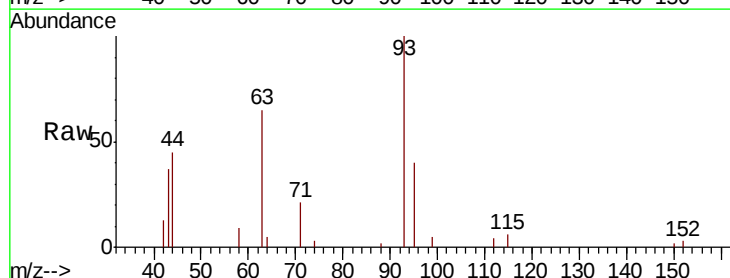
Tgt Ion: 93 Resp: 5567

Ion Ratio Lower Upper

93 100

63 70.5 53.4 80.0

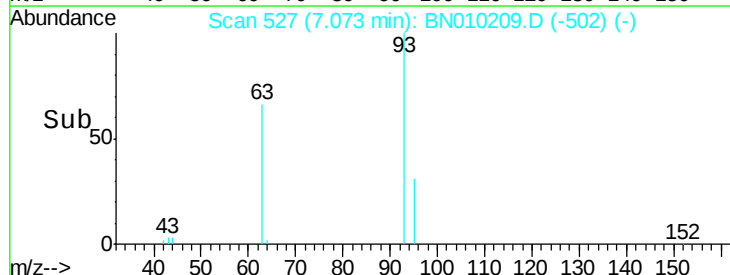
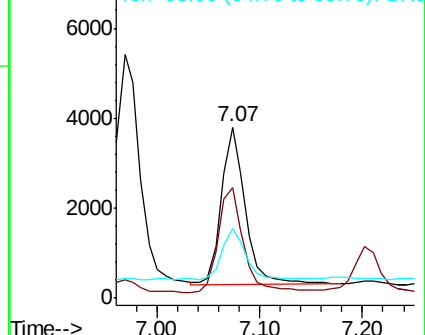
95 33.3 28.6 42.8

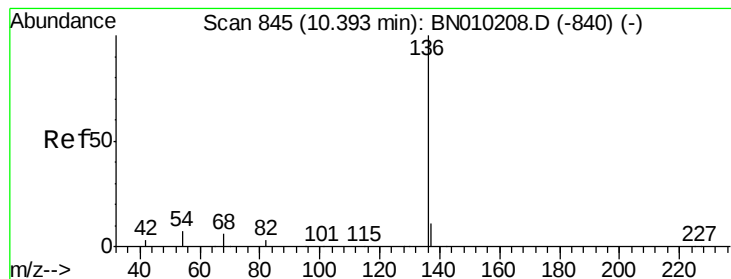


Abundance Ion 93.00 (92.70 to 93.70): BN010208.D (-523) (-)

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

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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 845

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 10702

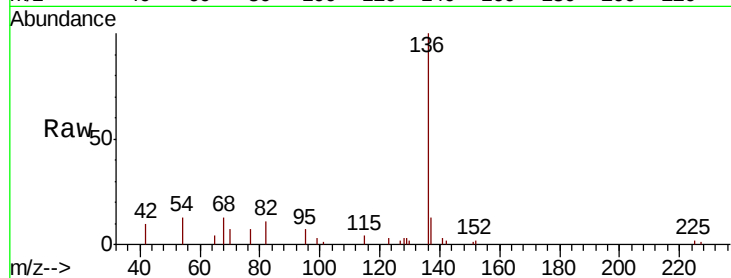
Ion Ratio Lower Upper

136 100

137 12.8 10.6 15.8

54 12.6 9.5 14.3

68 12.6 9.7 14.5

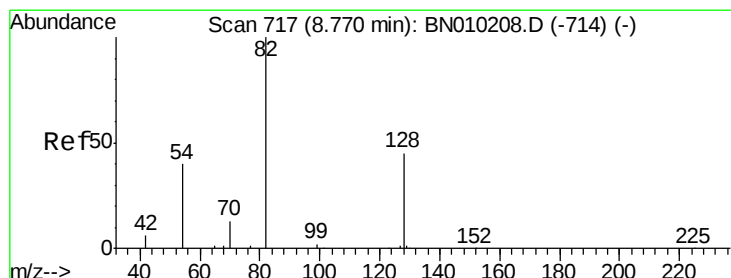
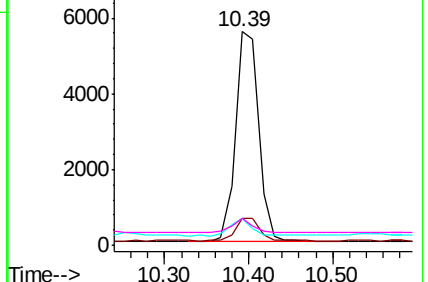
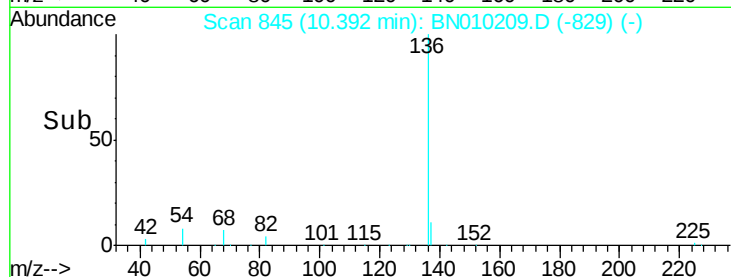


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.542 ng

RT: 8.77 min Scan# 717

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

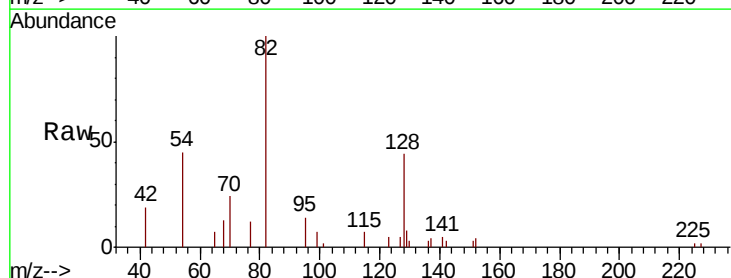
Tgt Ion: 82 Resp: 4829

Ion Ratio Lower Upper

82 100

128 44.3 35.0 52.6

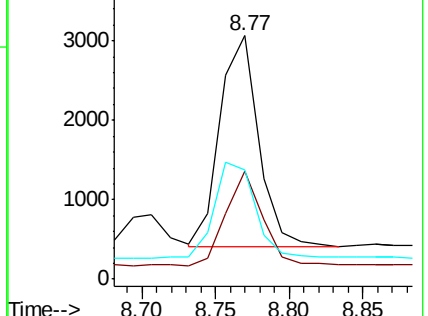
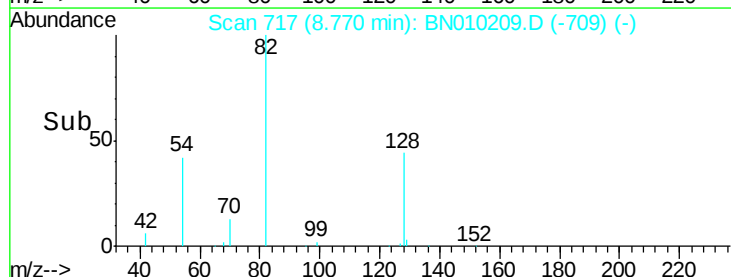
54 44.7 37.0 55.4

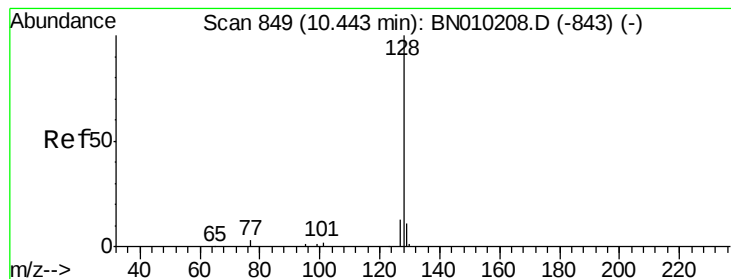


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.704 ng

RT: 10.44 min Scan# 849

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

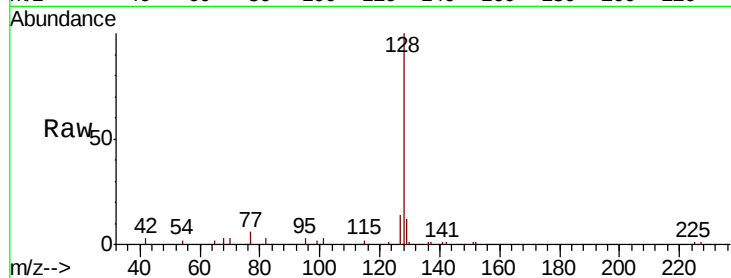
Tot Ion:128 Resp: 20553

Ion Ratio Lower Upper

128 100

129 11.9 10.5 15.7

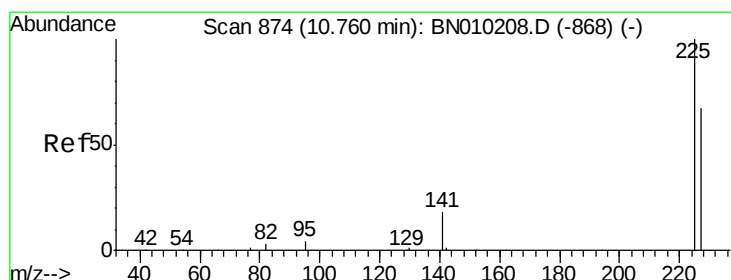
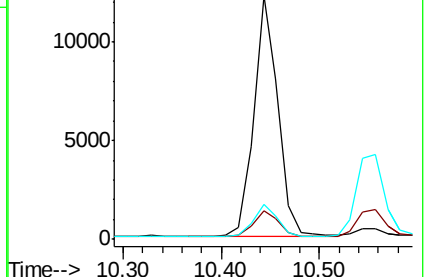
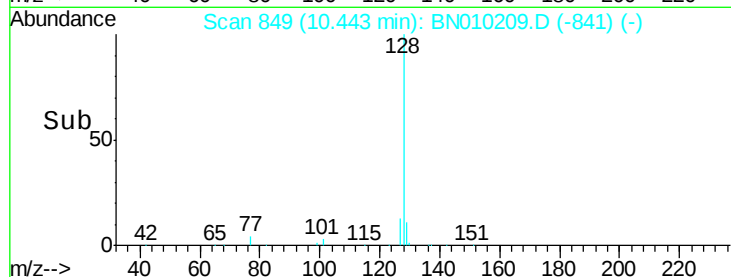
127 14.2 12.1 18.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.739 ng

RT: 10.76 min Scan# 874

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

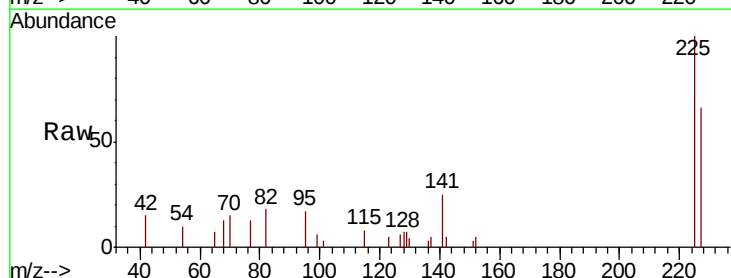
Tgt Ion:225 Resp: 4746

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

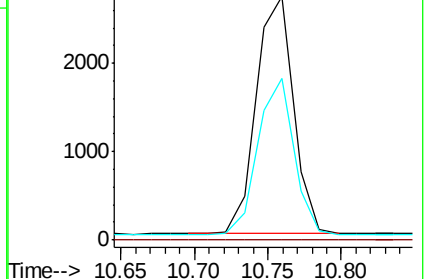
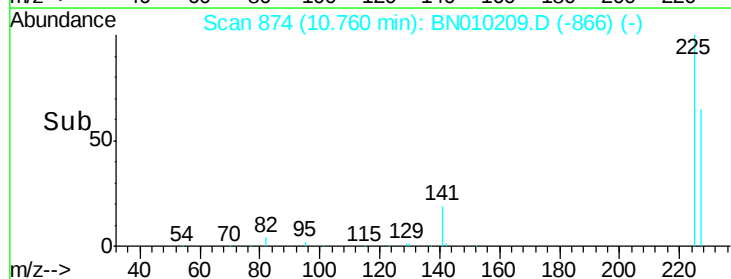
227 63.5 53.4 80.2

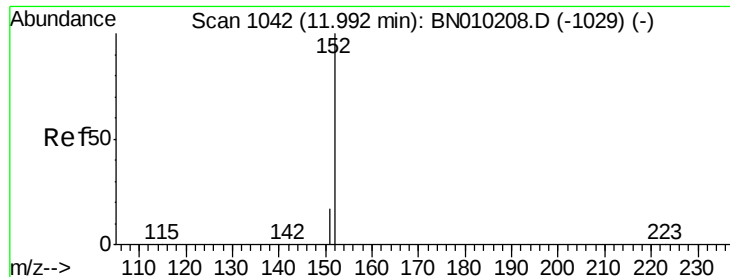


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

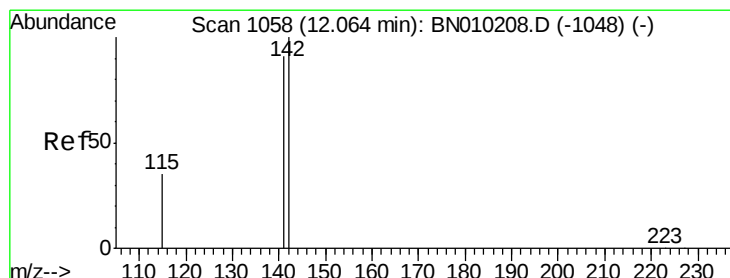
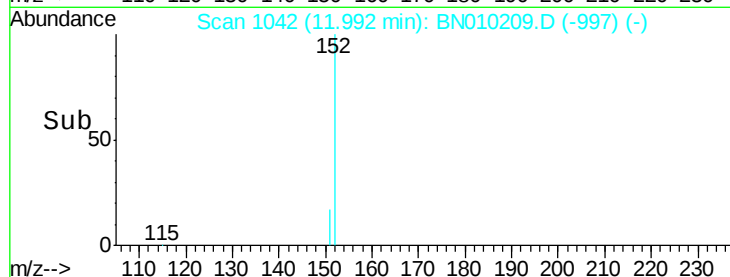
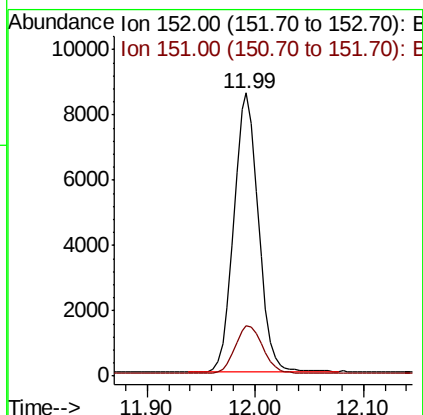
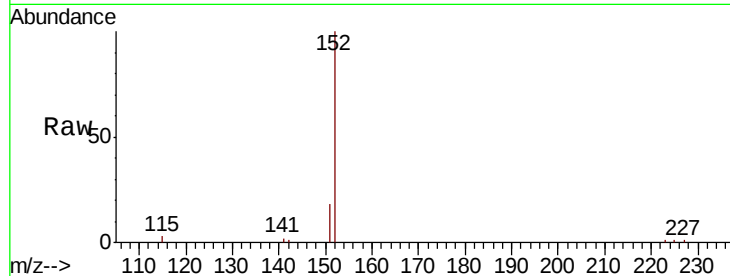




#11
2-Methylnaphthalene-d10
Concen: 0.655 ng
RT: 11.99 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BN010209.D
Acq: 13 Mar 2020 20:23

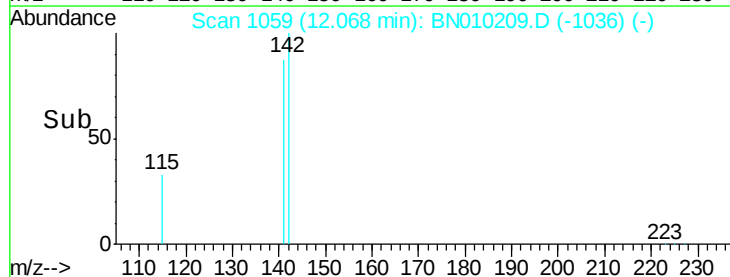
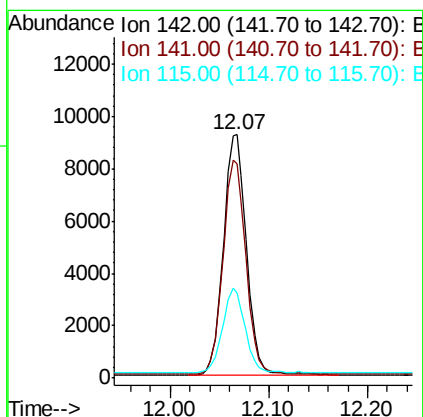
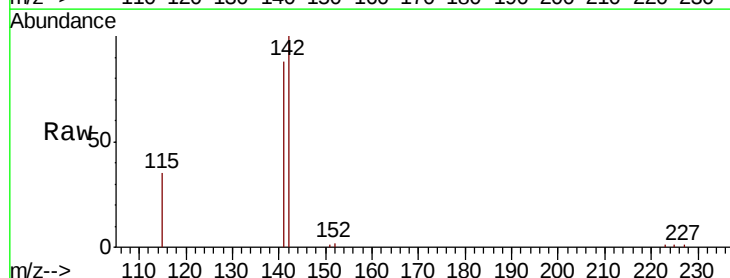
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

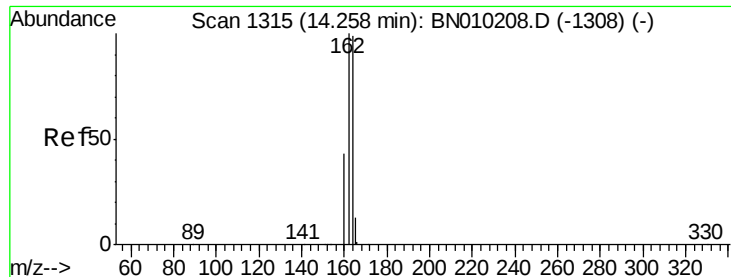
Tot Ion:152 Resp: 13567
Ion Ratio Lower Upper
152 100
151 19.6 15.0 22.6



#12
2-Methylnaphthalene
Concen: 0.741 ng
RT: 12.07 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BN010209.D
Acq: 13 Mar 2020 20:23

Tgt Ion:142 Resp: 14833
Ion Ratio Lower Upper
142 100
141 88.1 73.7 110.5
115 34.9 31.2 46.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.26 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

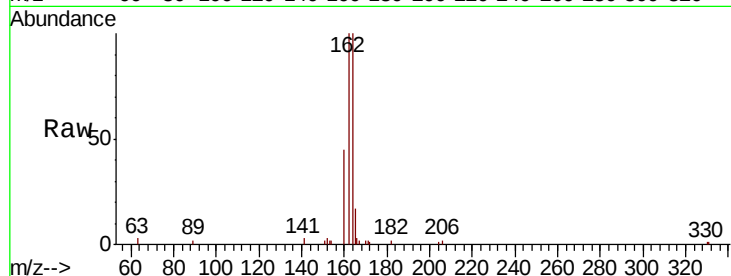
Tot Ion:164 Resp: 7196

Ion Ratio Lower Upper

164 100

162 100.4 81.0 121.4

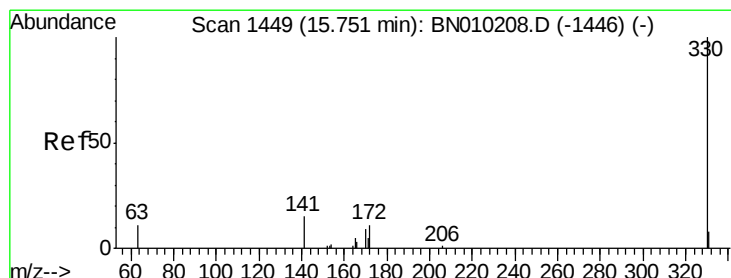
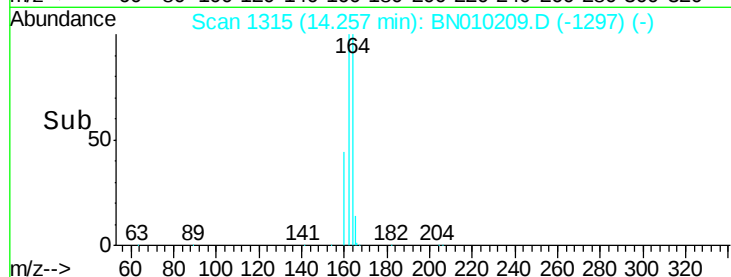
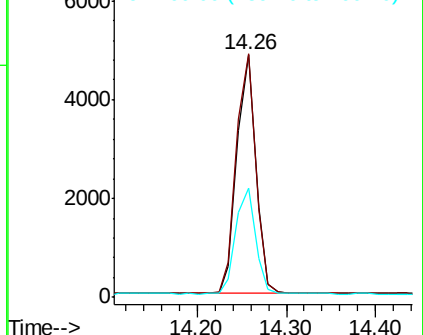
160 44.9 35.6 53.4



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: 0.695 ng

RT: 15.75 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

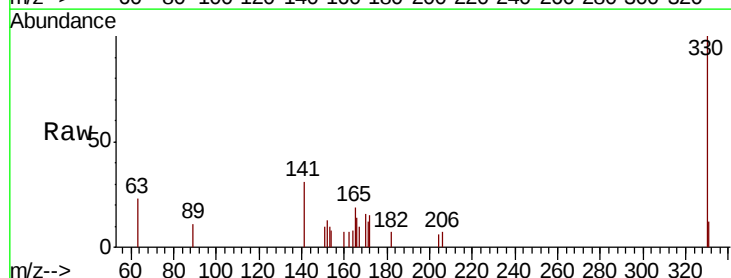
Tgt Ion:330 Resp: 1926

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

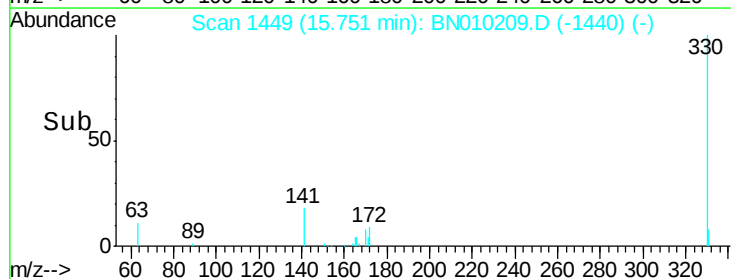
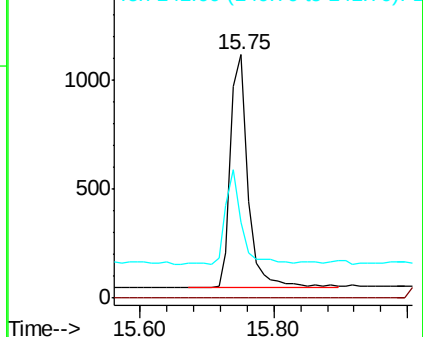
141 36.3 25.1 37.7

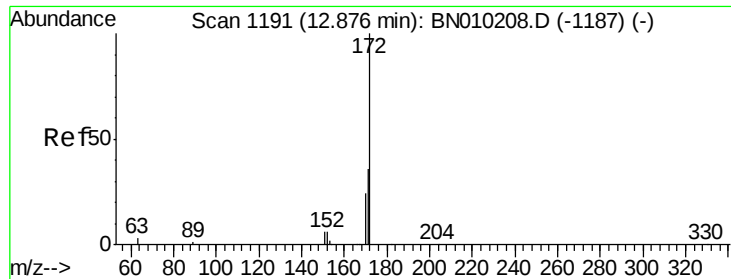


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

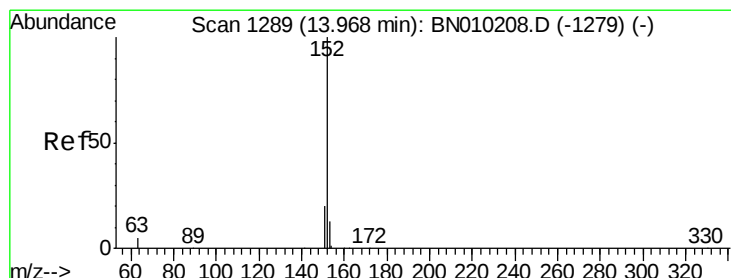
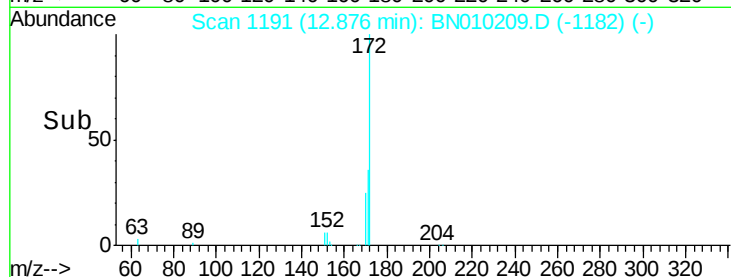
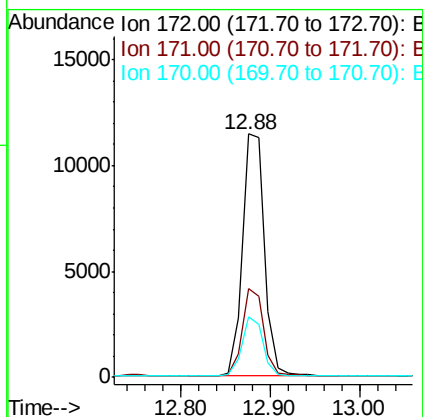
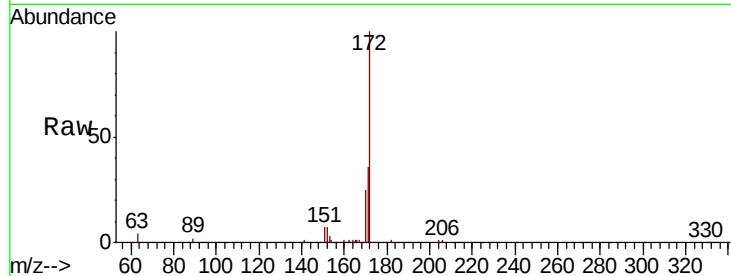




#15
2-Fluorobiphenyl
Concen: 0.722 ng
RT: 12.88 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BN010209.D
Acq: 13 Mar 2020 20:23

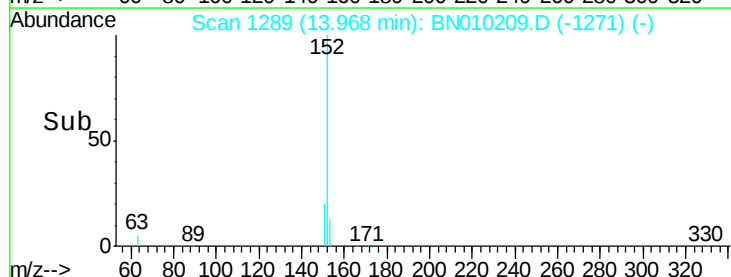
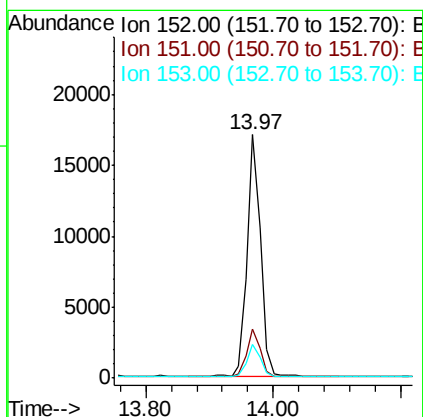
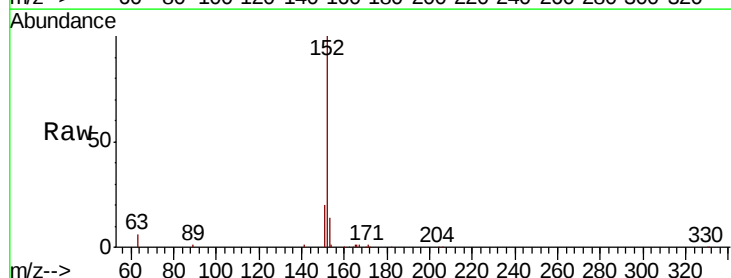
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

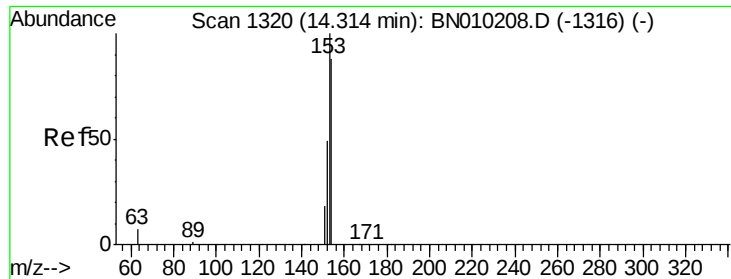
Tot Ion:172 Resp: 19620
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.2
170 25.1 20.2 30.4



#16
Acenaphthylene
Concen: 0.819 ng
RT: 13.97 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BN010209.D
Acq: 13 Mar 2020 20:23

Tgt Ion:152 Resp: 25129
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.2 10.6 16.0





#17

Acenaphthene

Concen: 0.694 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

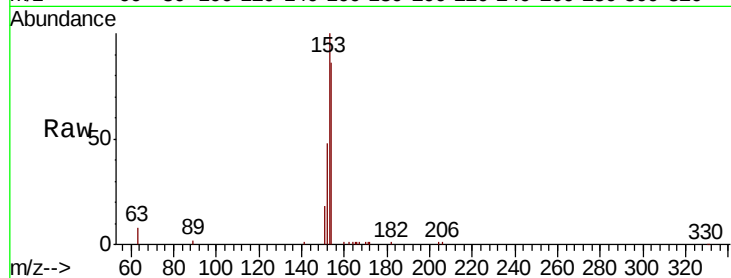
Tot Ion:154 Resp: 14976

Ion Ratio Lower Upper

154 100

153 114.3 90.3 135.5

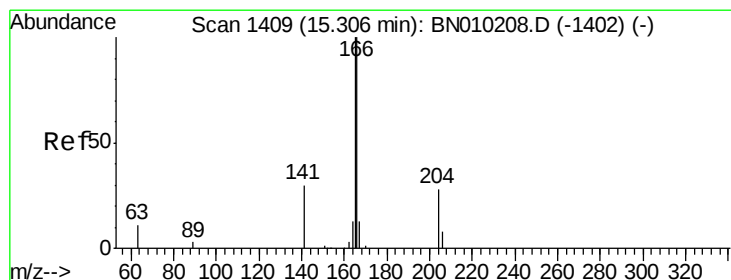
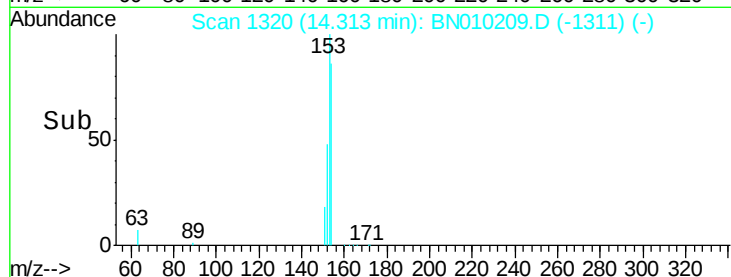
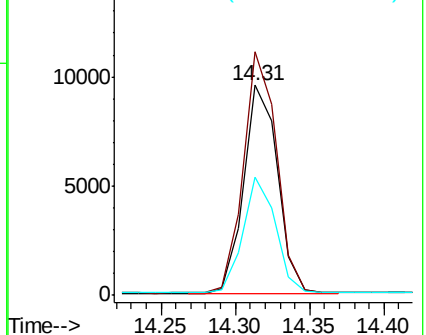
152 53.5 42.9 64.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.728 ng

RT: 15.31 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

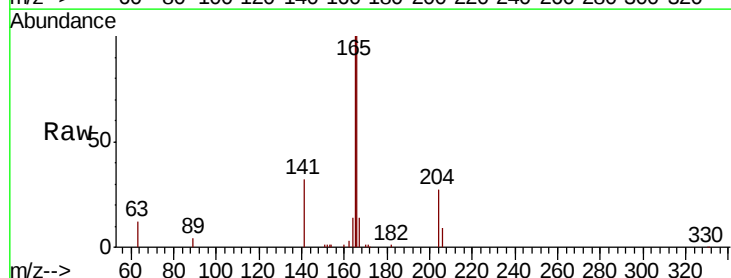
Tgt Ion:166 Resp: 20724

Ion Ratio Lower Upper

166 100

165 97.8 78.3 117.5

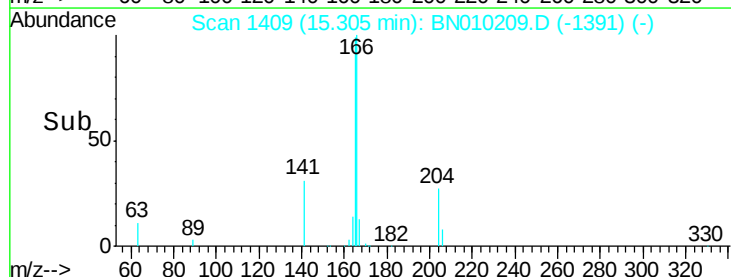
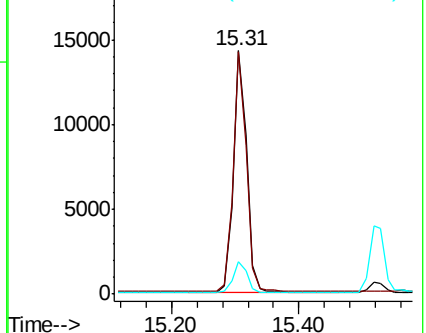
167 13.6 10.7 16.1

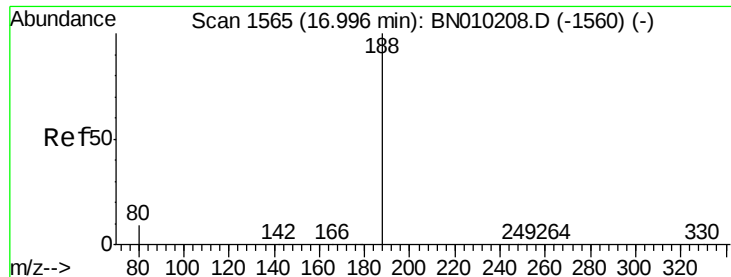


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

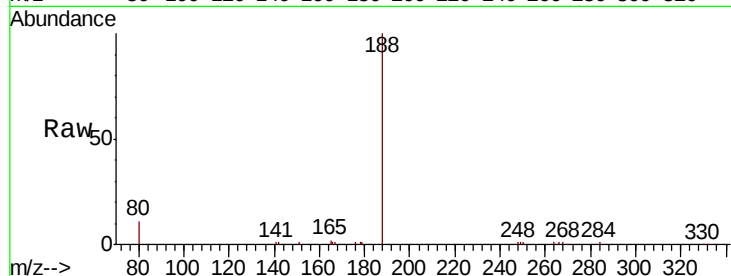
Tot Ion:188 Resp: 16943

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

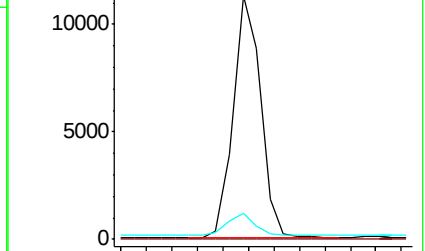
80 10.5 8.6 12.8



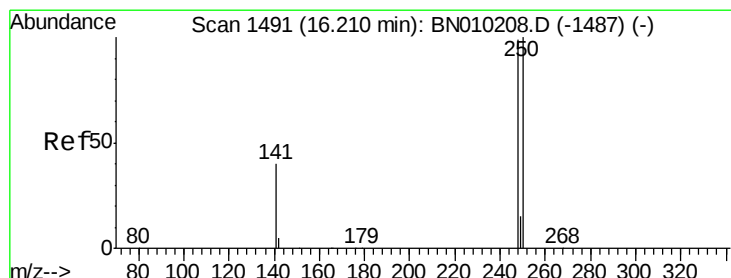
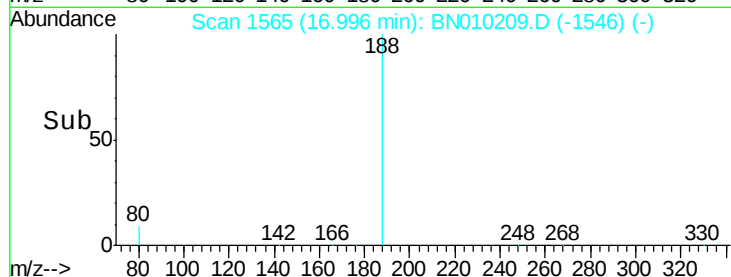
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



Time--> 16.90 17.00 17.10



#20

4-Bromophenyl-phenylether

Concen: 0.629 ng

RT: 16.21 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

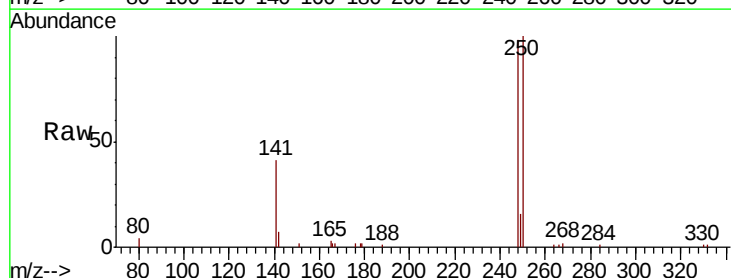
Tgt Ion:248 Resp: 7423

Ion Ratio Lower Upper

248 100

250 102.1 81.2 121.8

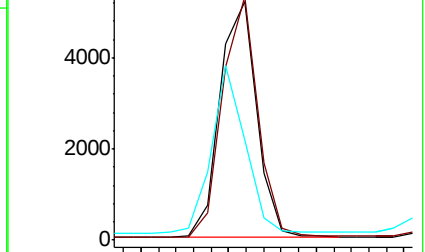
141 41.8 36.7 55.1



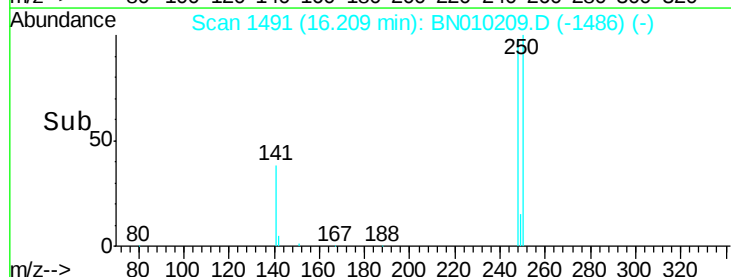
Abundance Ion 248.00 (247.70 to 248.70): E

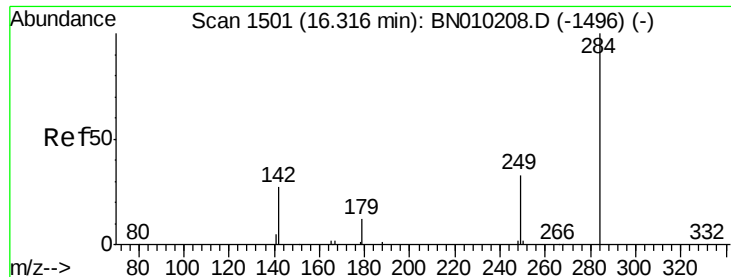
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time--> 16.15 16.20 16.25





#21

Hexachlorobenzene

Concen: 0.685 ng

RT: 16.32 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

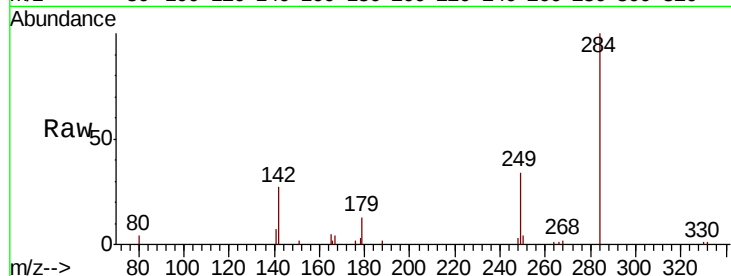
Tot Ion:284 Resp: 7228

Ion Ratio Lower Upper

284 100

142 34.1 27.8 41.6

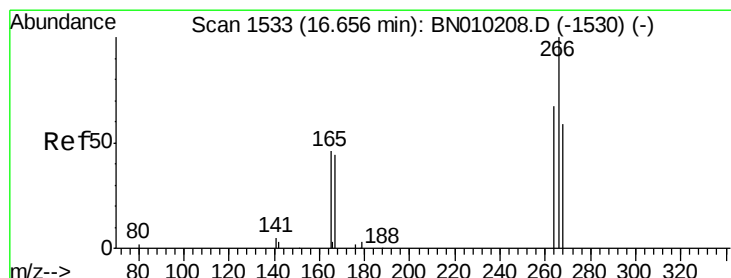
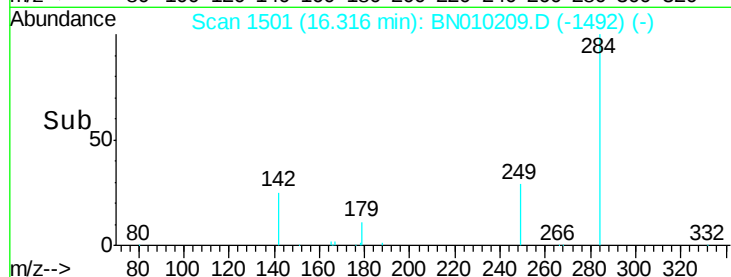
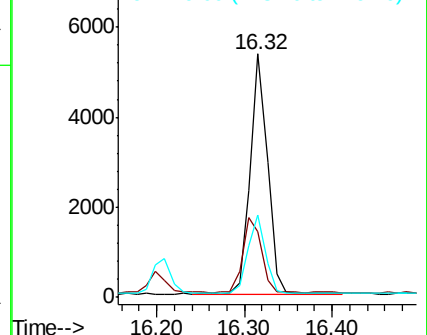
249 32.4 26.6 39.8



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: 0.792 ng

RT: 16.66 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

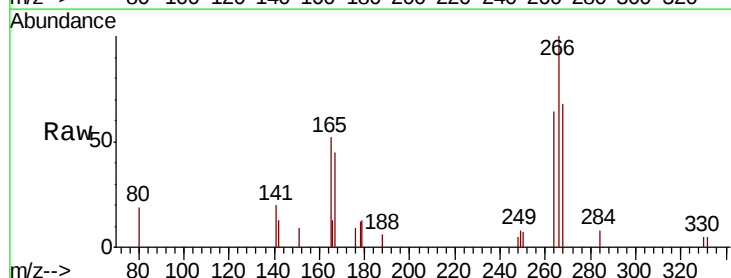
Tgt Ion:266 Resp: 2142

Ion Ratio Lower Upper

266 100

264 64.4 56.2 84.2

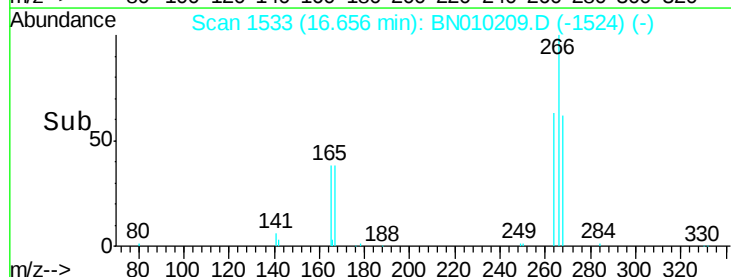
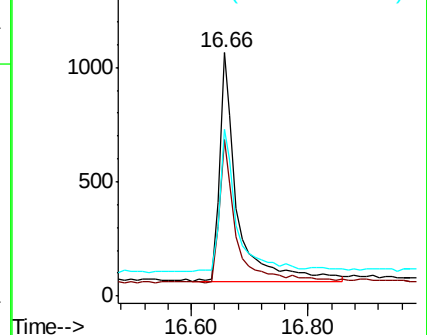
268 68.4 61.4 92.2

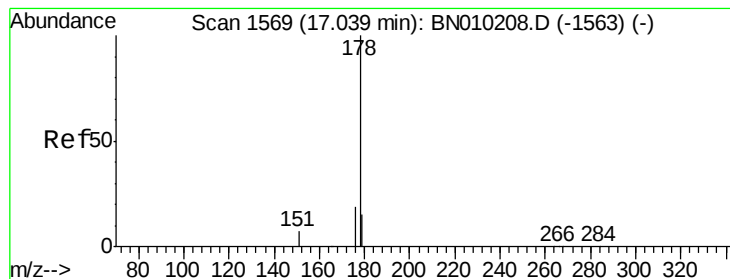


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.682 ng

RT: 17.04 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

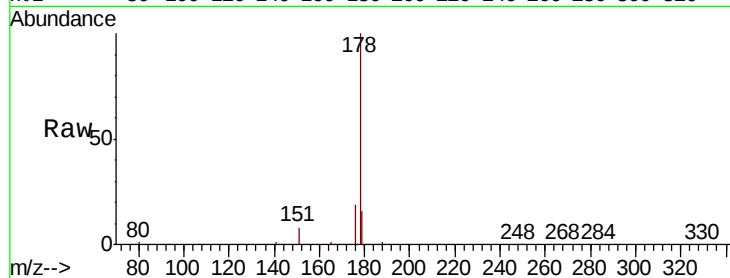
Tot Ion:178 Resp: 34394

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

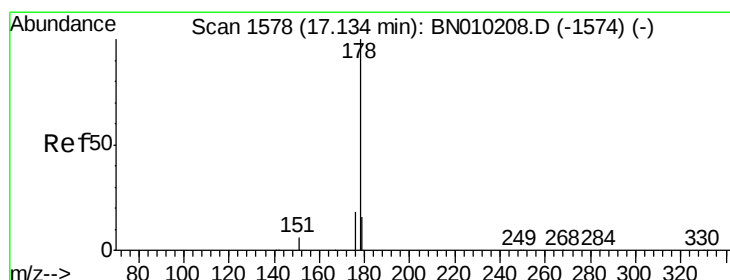
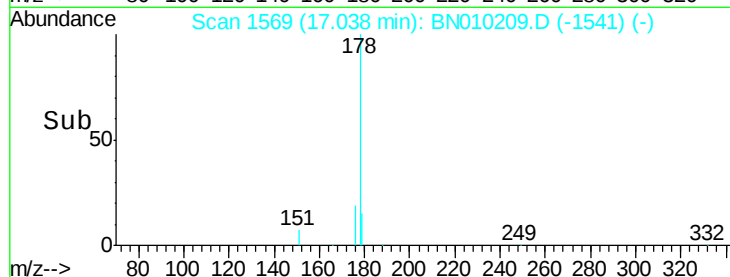
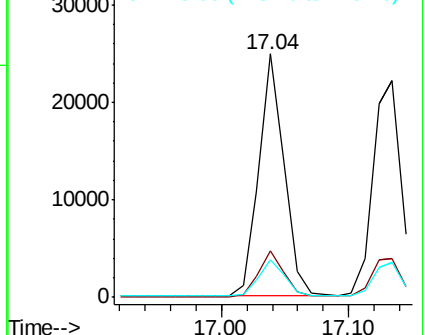
179 15.5 12.5 18.7



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: 0.804 ng

RT: 17.13 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

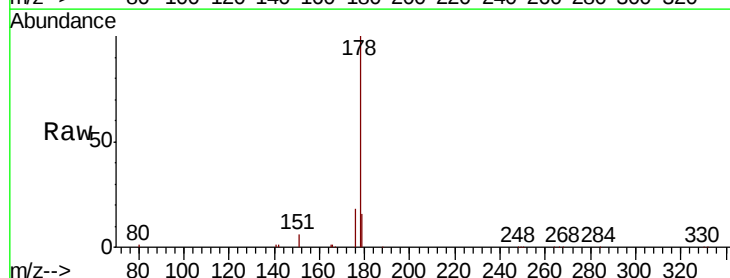
Tgt Ion:178 Resp: 34282

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

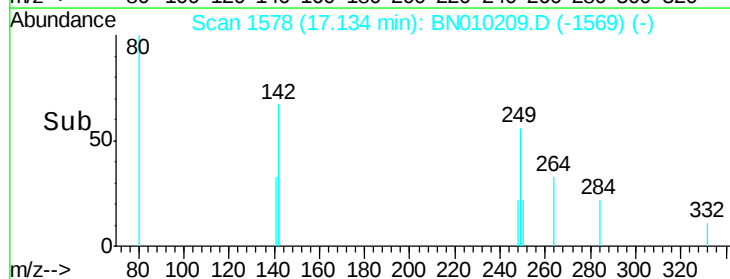
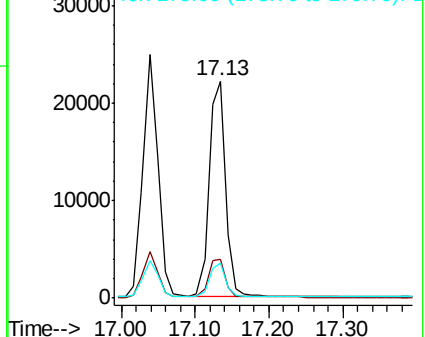
179 15.3 12.5 18.7

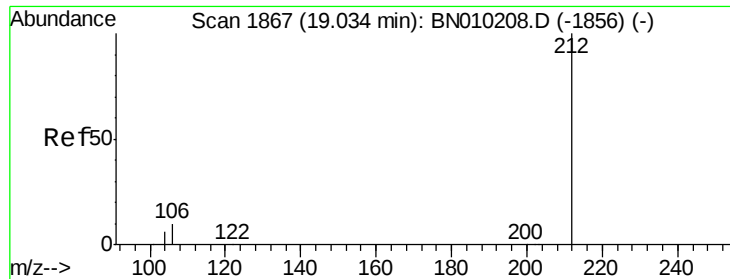


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.680 ng

RT: 19.03 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

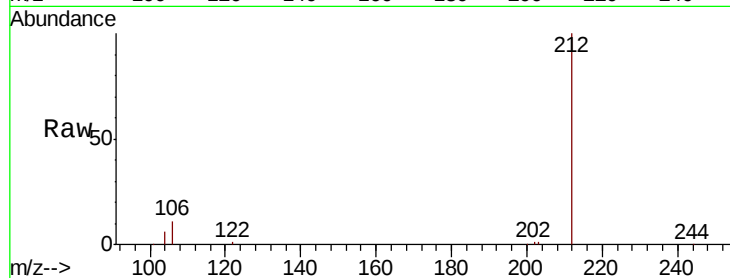
Tot Ion:212 Resp: 39837

Ion Ratio Lower Upper

212 100

106 10.0 8.1 12.1

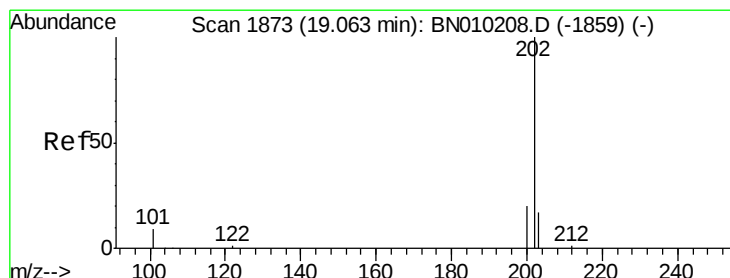
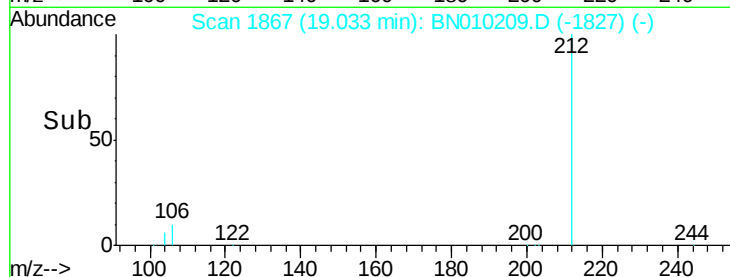
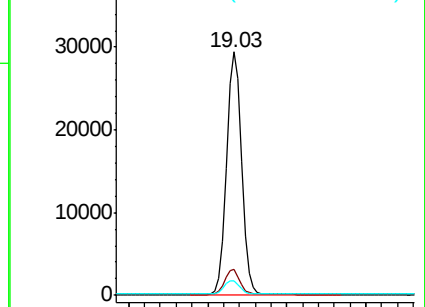
104 5.8 4.7 7.1



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: 0.717 ng

RT: 19.06 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

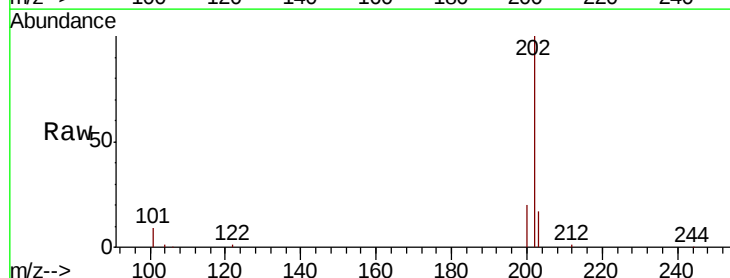
Tgt Ion:202 Resp: 43311

Ion Ratio Lower Upper

202 100

101 8.9 7.0 10.6

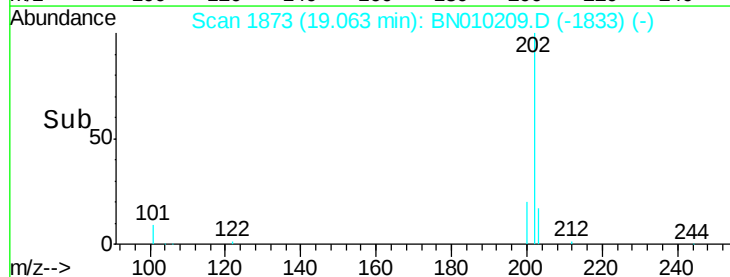
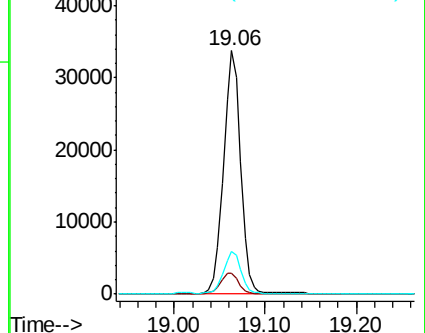
203 17.3 13.9 20.9

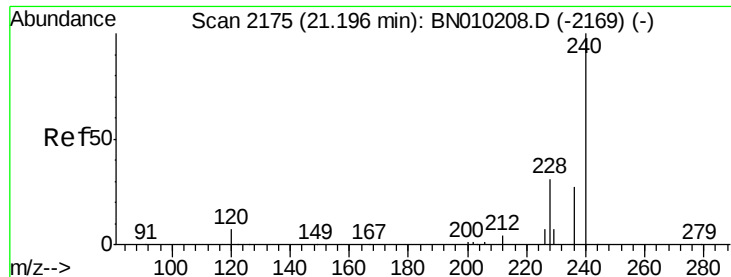


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.20 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

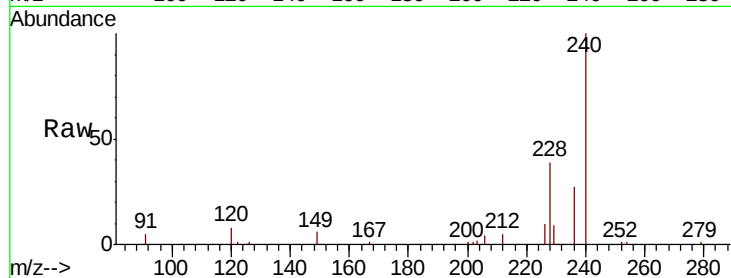
Tot Ion:240 Resp: 17507

Ion Ratio Lower Upper

240 100

120 8.5 7.7 11.5

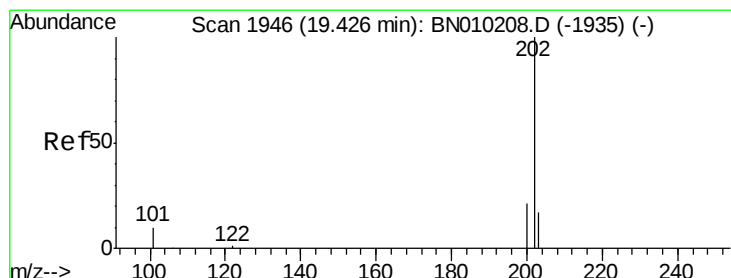
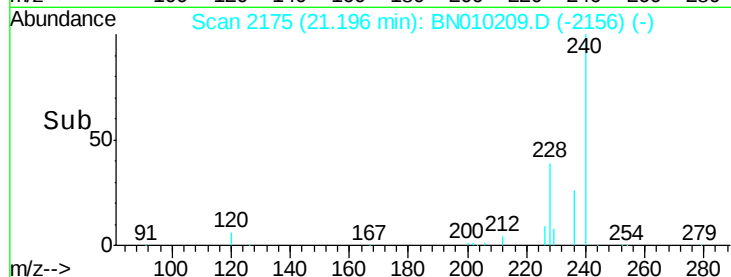
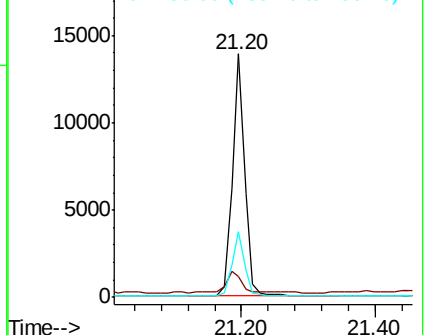
236 27.0 21.8 32.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.677 ng

RT: 19.43 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

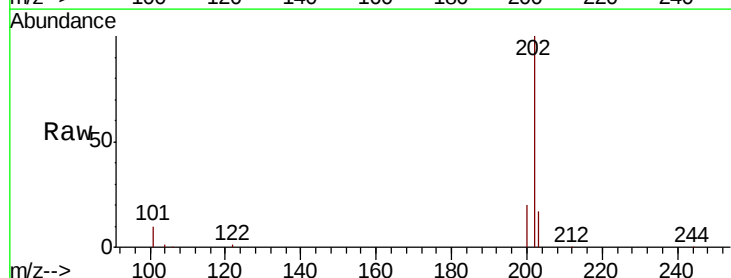
Tgt Ion:202 Resp: 45028

Ion Ratio Lower Upper

202 100

200 20.5 16.6 24.8

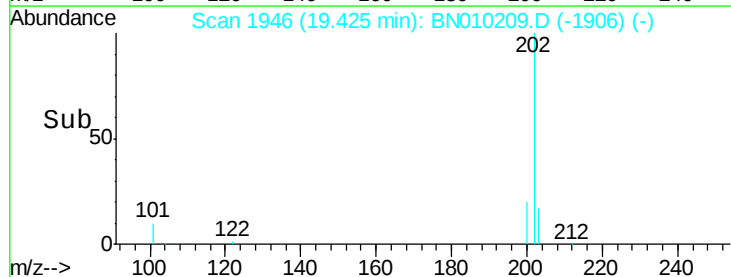
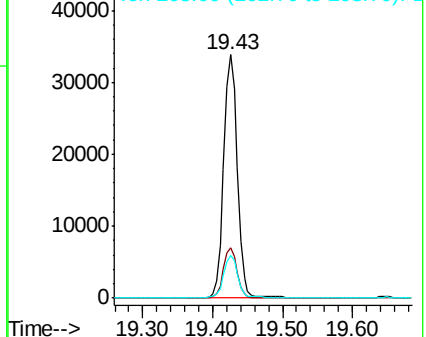
203 17.4 14.1 21.1

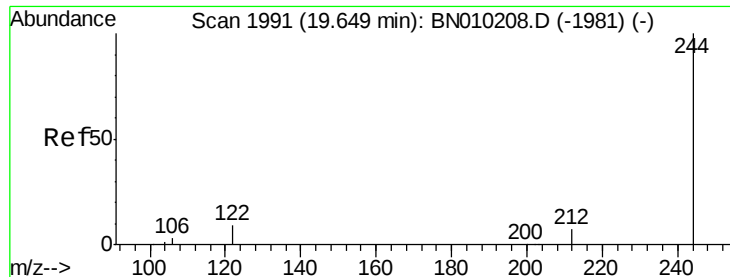


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.737 ng

RT: 19.65 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

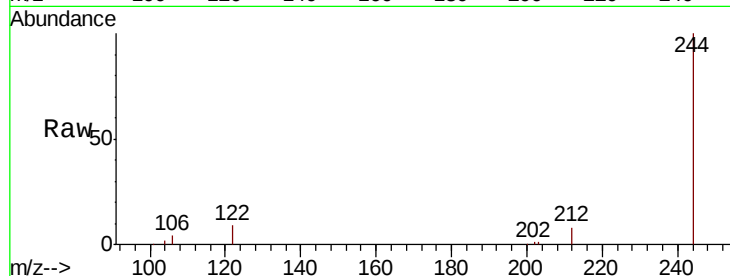
Tot Ion:244 Resp: 30812

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

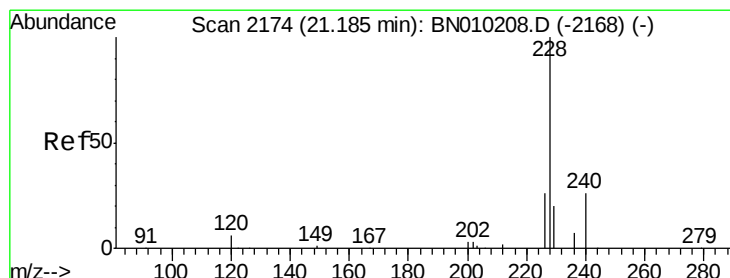
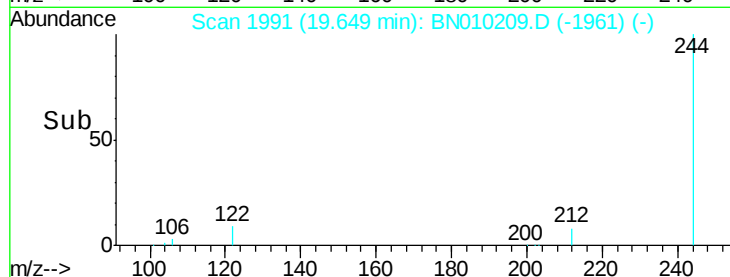
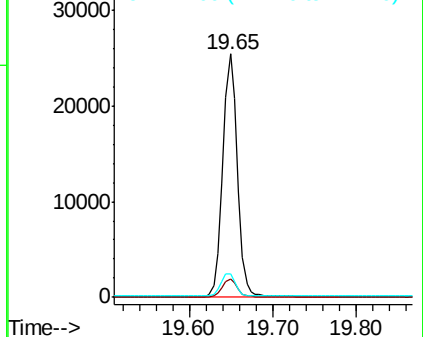
122 9.4 8.1 12.1



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: 0.785 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

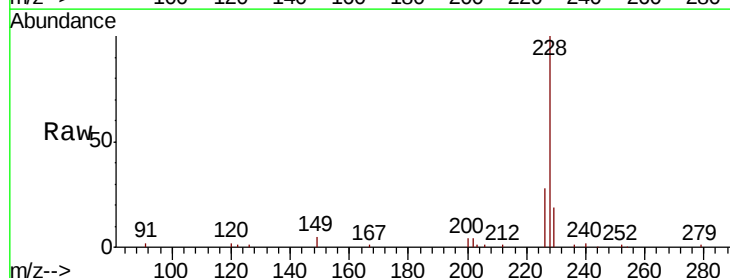
Tgt Ion:228 Resp: 45606

Ion Ratio Lower Upper

228 100

226 27.9 21.1 31.7

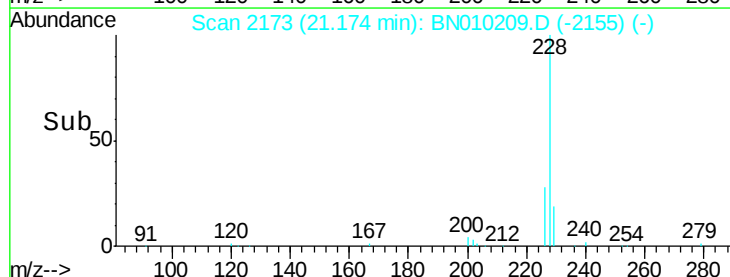
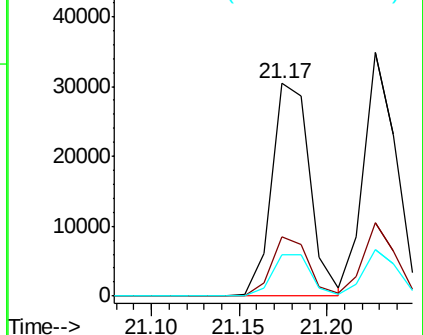
229 19.3 16.2 24.4

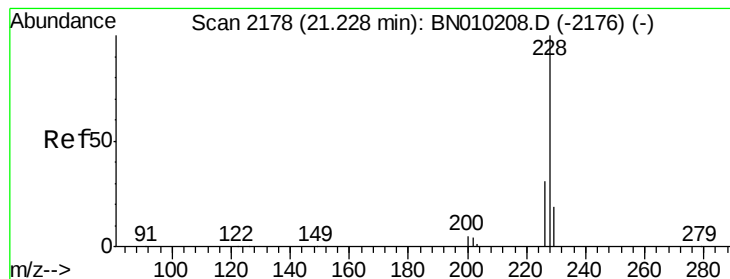


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.664 ng

RT: 21.23 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

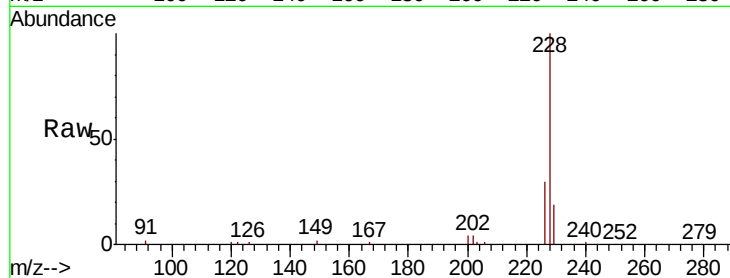
Tot Ion:228 Resp: 44658

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.4

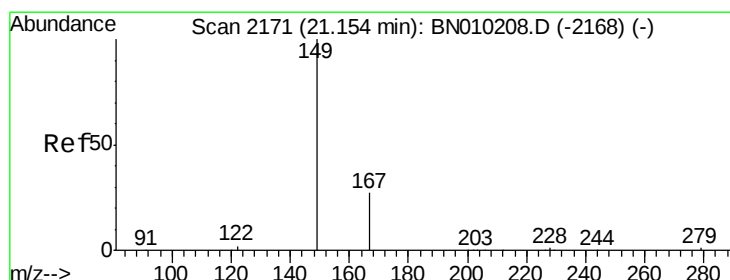
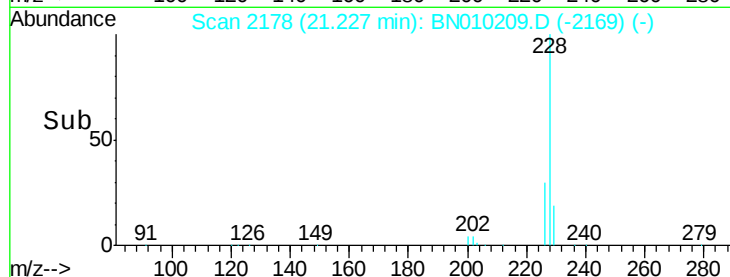
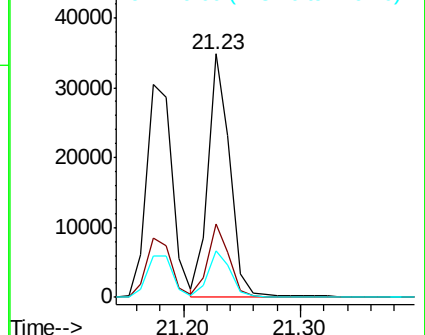
229 19.2 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.654 ng

RT: 21.15 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

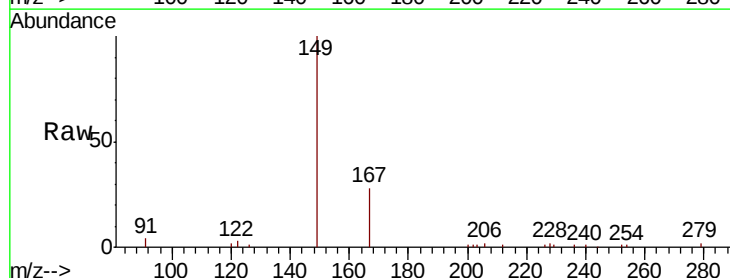
Tgt Ion:149 Resp: 18538

Ion Ratio Lower Upper

149 100

167 28.4 21.0 31.4

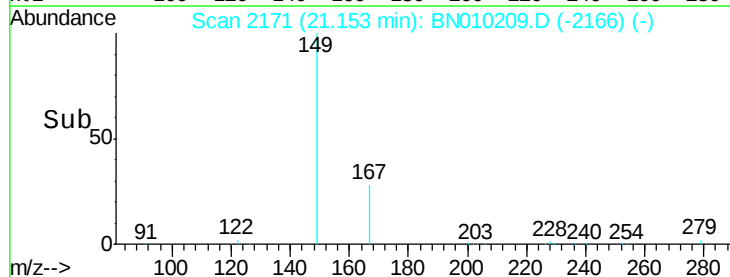
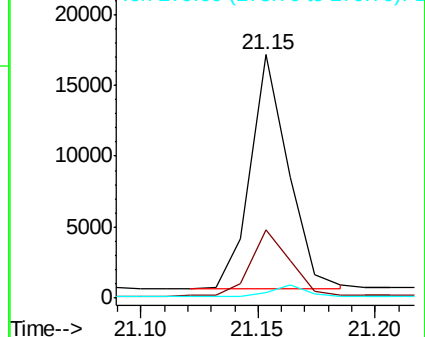
279 4.7 3.1 4.7#

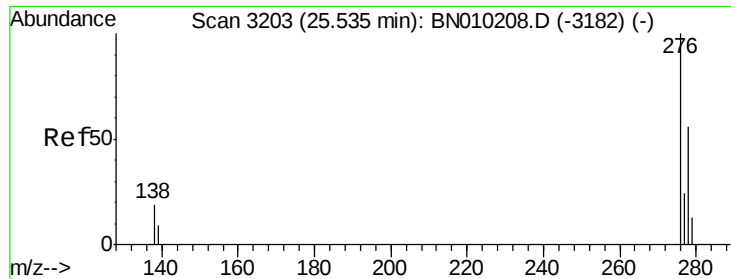


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

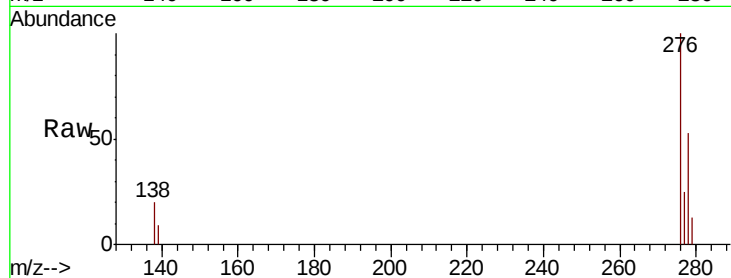




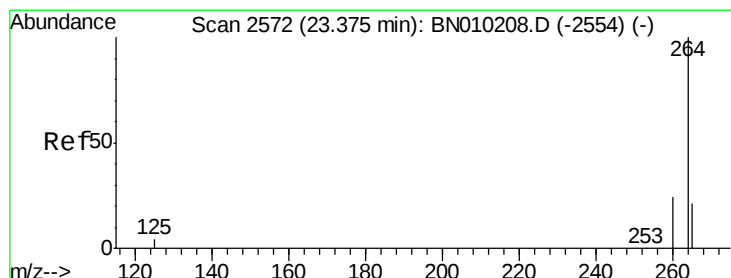
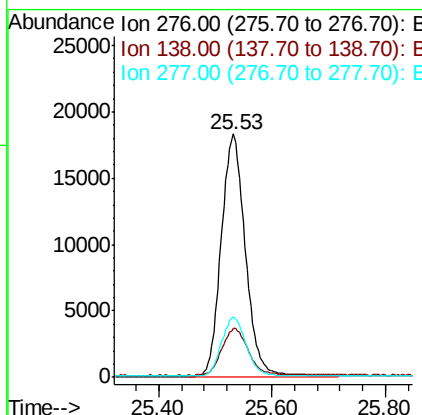
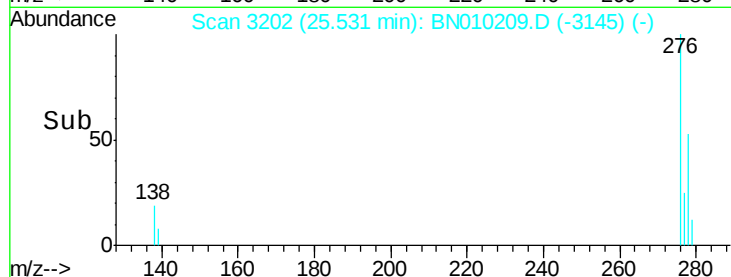
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.772 ng
 RT: 25.53 min Scan# 3202
 Delta R.T. -0.00 min
 Lab File: BN010209.D
 Acq: 13 Mar 2020 20:23

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

Tot Ion:276 Resp: 54018
 Ion Ratio Lower Upper
 276 100
 138 20.8 15.8 23.6
 277 24.8 19.3 28.9

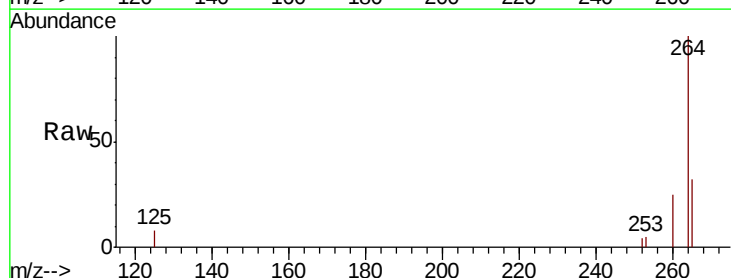


Abundance Ion 276.00 (275.70 to 276.70): E
 25000 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

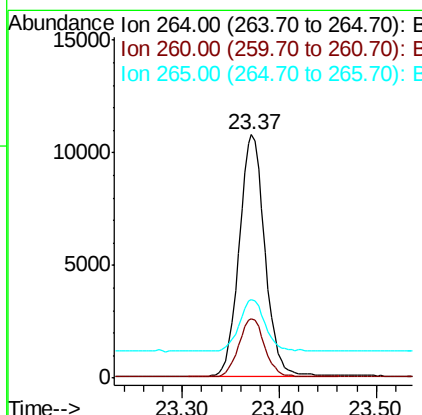
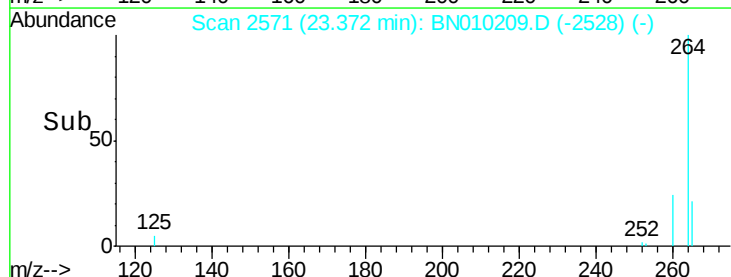


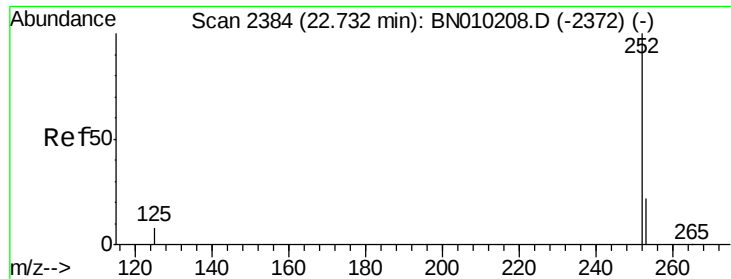
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.37 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: BN010209.D
 Acq: 13 Mar 2020 20:23

Tgt Ion:264 Resp: 19807
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.7 29.5
 265 32.2 25.8 38.6



Abundance Ion 264.00 (263.70 to 264.70): E
 15000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.636 ng

RT: 22.73 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

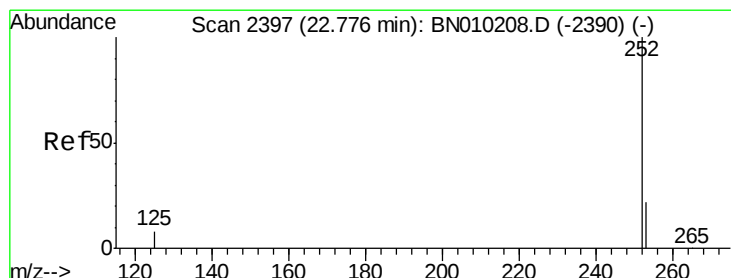
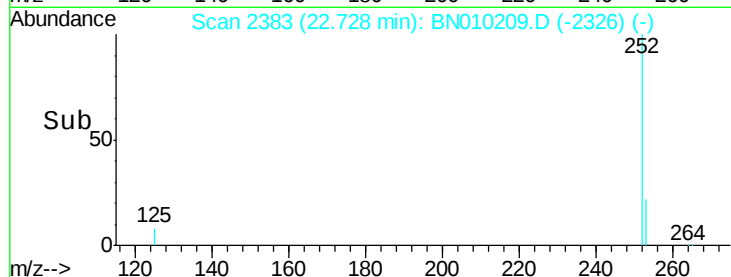
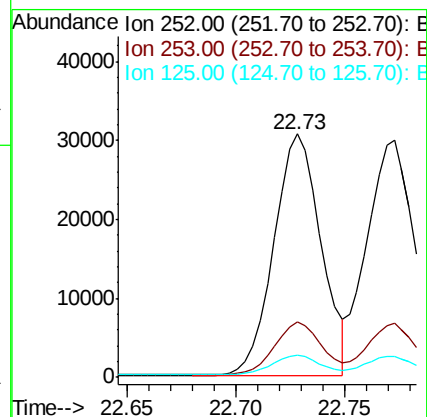
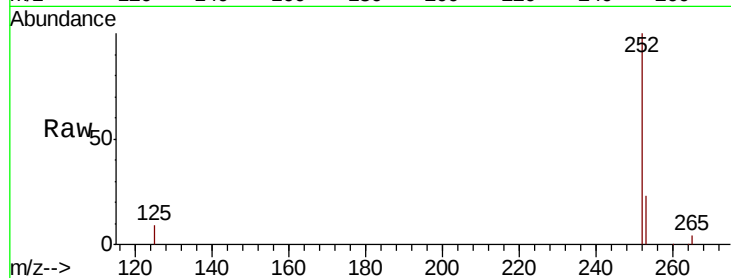
Tot Ion:252 Resp: 46069

Ion Ratio Lower Upper

252 100

253 22.7 18.6 28.0

125 8.9 7.9 11.9



#36

Benzo(k)fluoranthene

Concen: 0.596 ng

RT: 22.77 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

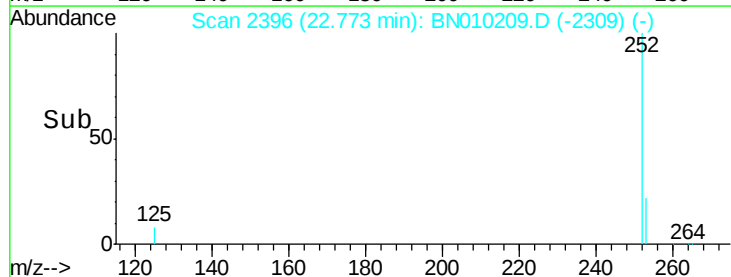
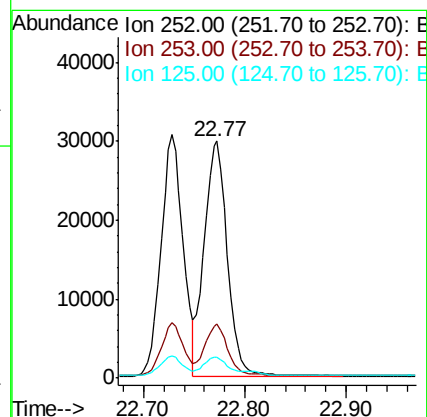
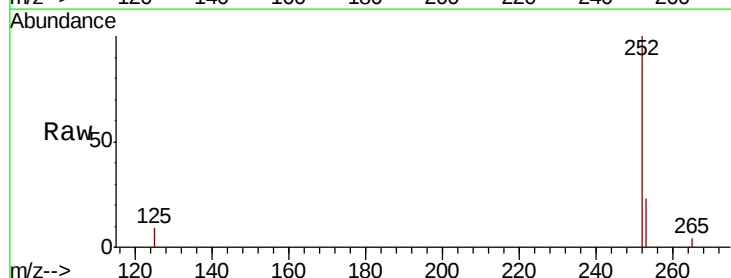
Tgt Ion:252 Resp: 46992

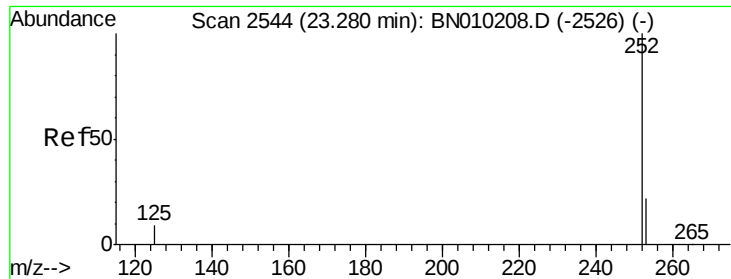
Ion Ratio Lower Upper

252 100

253 22.8 18.8 28.2

125 8.9 8.2 12.4





#37

Benzo(a)pyrene

Concen: 0.658 ng

RT: 23.28 min Scan# 2544

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

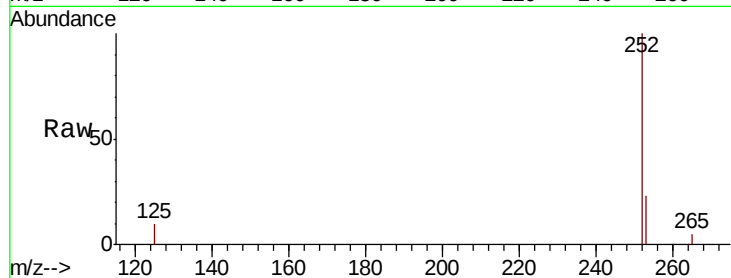
Tot Ion:252 Resp: 43446

Ion Ratio Lower Upper

252 100

253 22.9 19.1 28.7

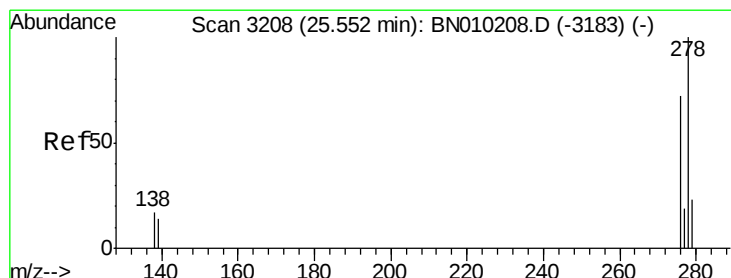
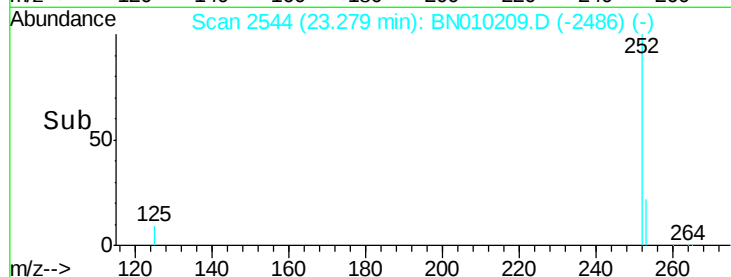
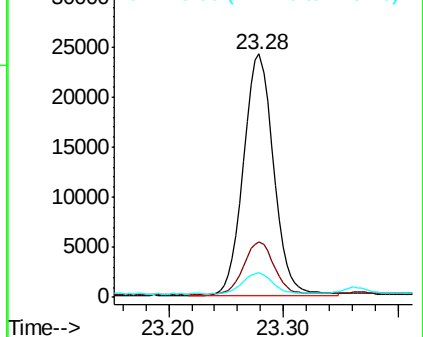
125 9.9 9.2 13.8



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: 0.676 ng

RT: 25.55 min Scan# 3207

Delta R.T. -0.00 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

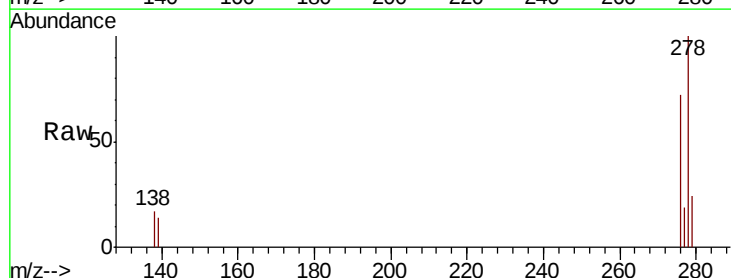
Tgt Ion:278 Resp: 43976

Ion Ratio Lower Upper

278 100

139 14.2 12.4 18.6

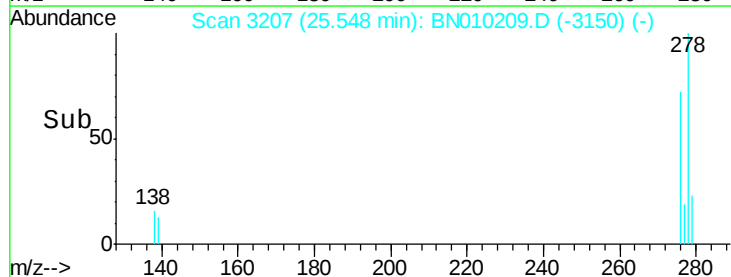
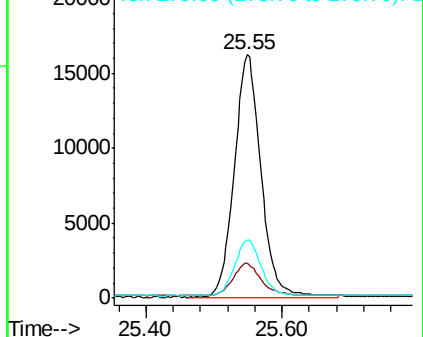
279 24.1 20.2 30.2

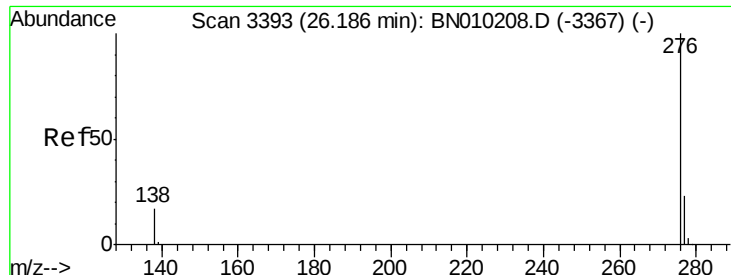


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.633 ng

RT: 26.18 min Scan# 3391

Delta R.T. -0.01 min

Lab File: BN010209.D

Acq: 13 Mar 2020 20:23

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

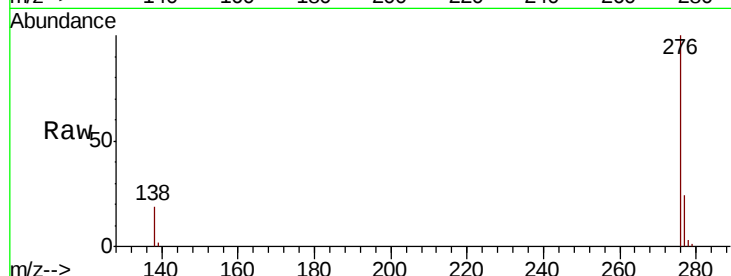
Tot Ion:276 Resp: 43856

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.2

138 18.6 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

