

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062320\
 Data File : BN011033.D
 Acq On : 23 Jun 2020 16:27
 Operator : CG/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

Quant Time: Jun 23 17:10:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 16:32:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2795	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	8588	0.40	ng	0.00
13) Acenaphthene-d10	14.14	164	4739	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	8687	0.40	ng	0.00
29) Chrysene-d12	21.11	240	8683	0.40	ng	0.00
36) Perylene-d12	23.26	264	7803	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	5674	1.03	ng	0.00
5) Phenol-d6	6.73	99	6341	0.95	ng	0.02
8) Nitrobenzene-d5	8.66	82	5803	0.94	ng	0.01
11) 2-Methylnaphthalene-d10	11.86	152	11110	0.83	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	1539	0.91	ng	0.00
15) 2-Fluorobiphenyl	12.76	172	15976	0.89	ng	0.00
27) Fluoranthene-d10	18.94	212	20368	0.89	ng	0.00
31) Terphenyl-d14	19.55	244	17647	0.89	ng	0.00

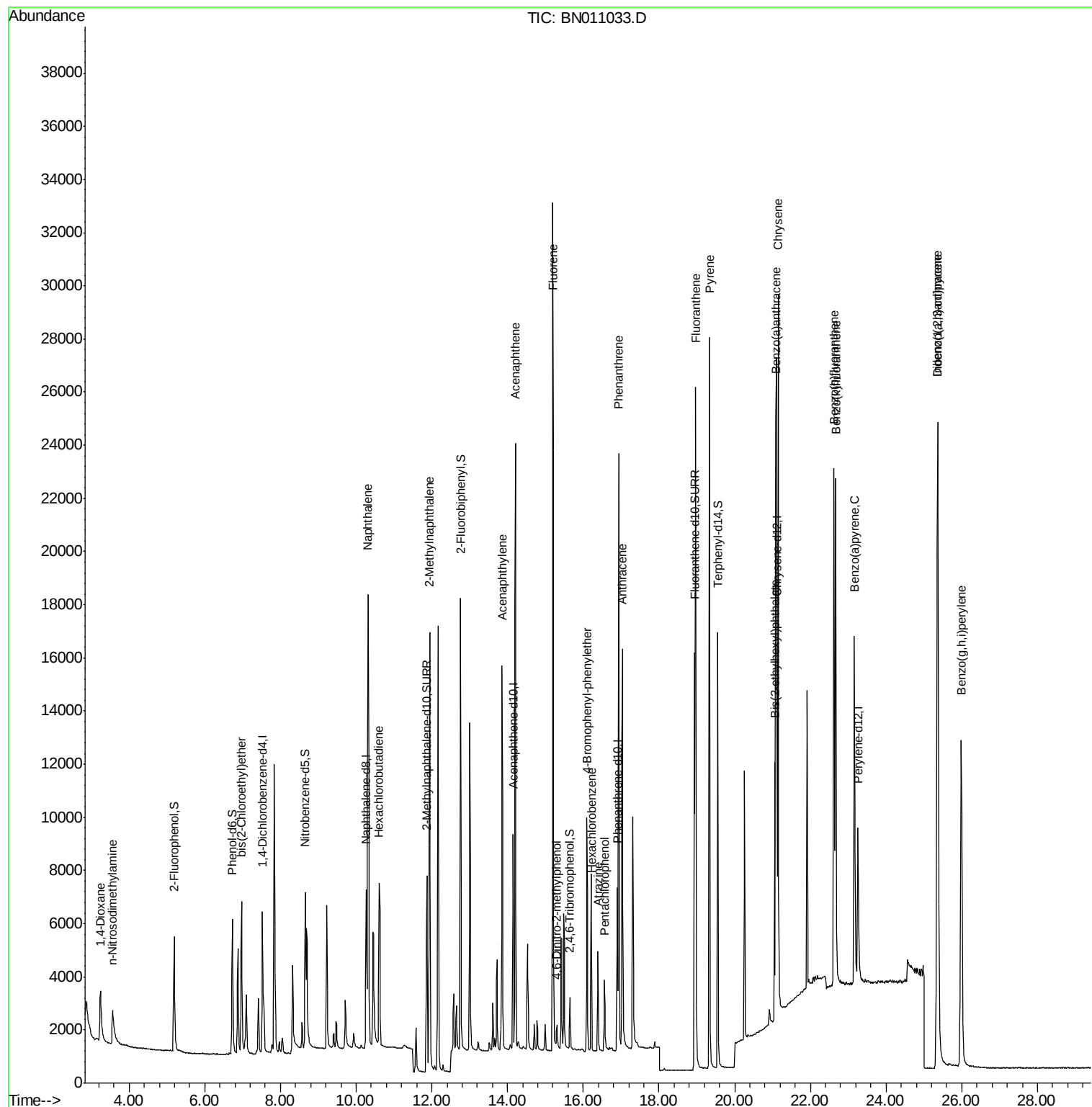
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	2871	1.049	ng	98
3) n-Nitrosodimethylamine	3.55	42	1572	0.979	ng	# 83
6) bis(2-Chloroethyl)ether	6.97	93	5635	0.876	ng	99
9) Naphthalene	10.32	128	22405	1.053	ng	99
10) Hexachlorobutadiene	10.61	225	5226	1.005	ng	# 100
12) 2-Methylnaphthalene	11.94	142	12913	0.882	ng	100
16) Acenaphthylene	13.85	152	16970	0.883	ng	99
17) Acenaphthene	14.21	154	11959	0.913	ng	99
18) Fluorene	15.20	166	14283	0.840	ng	98
20) 4,6-Dinitro-2-methylphenol	15.30	198	1037	0.988	ng	# 85
21) 4-Bromophenyl-phenylether	16.09	248	4532	0.906	ng	95
22) Hexachlorobenzene	16.22	284	5083	0.960	ng	99
23) Atrazine	16.39	200	3306	1.078	ng	97
24) Pentachlorophenol	16.56	266	1451	0.817	ng	100
25) Phenanthrene	16.93	178	22438	0.954	ng	100
26) Anthracene	17.03	178	18463	0.944	ng	100
28) Fluoranthene	18.97	202	25018	0.958	ng	100
30) Pvrene	19.33	202	25486	0.913	ng	99
32) Benzo(a)anthracene	21.09	228	22127	0.882	ng	99
33) Chrysene	21.14	228	24695	0.860	ng	99
34) Bis(2-ethylhexyl)phthalate	21.06	149	8540	0.958	ng	100
35) Indeno(1,2,3-cd)pyrene	25.36	276	30336	0.956	ng	100
37) Benzo(b)fluoranthene	22.62	252	23975	0.921	ng	96
38) Benzo(k)fluoranthene	22.67	252	25042	0.909	ng	94
39) Benzo(a)pyrene	23.16	252	20520	0.910	ng	94
40) Dibenzo(a,h)anthracene	25.37	278	24281	0.967	ng	96
41) Benzo(g,h,i)perylene	25.99	276	25948	0.994	ng	97

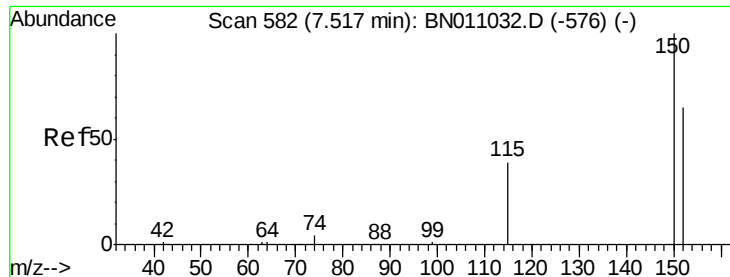
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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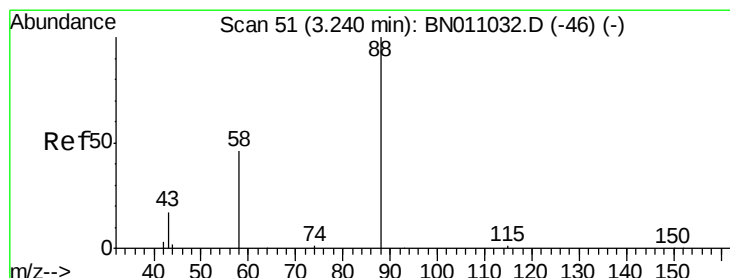
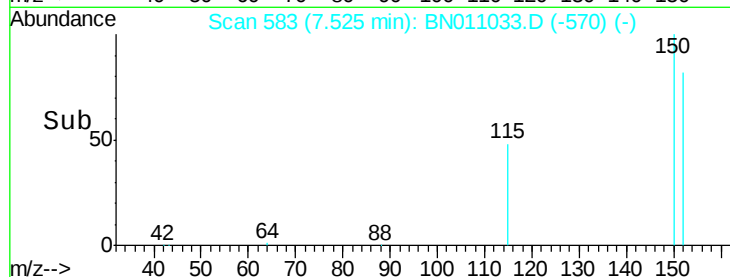
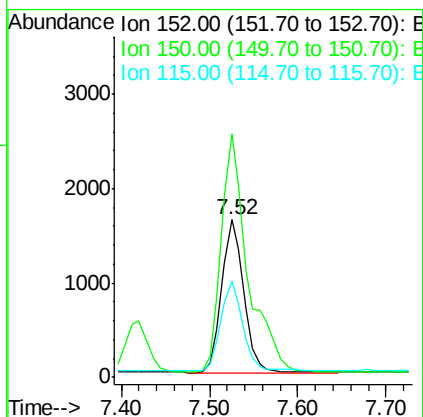
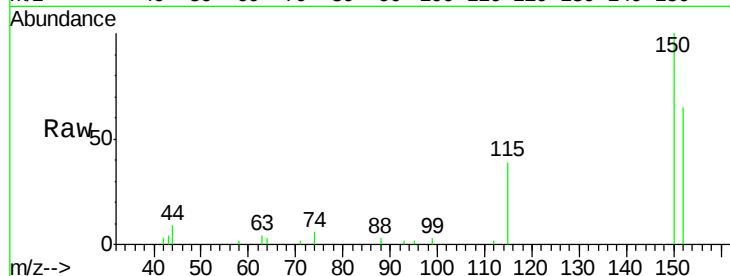


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BN011033.D
Acq: 23 Jun 2020 16:27

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

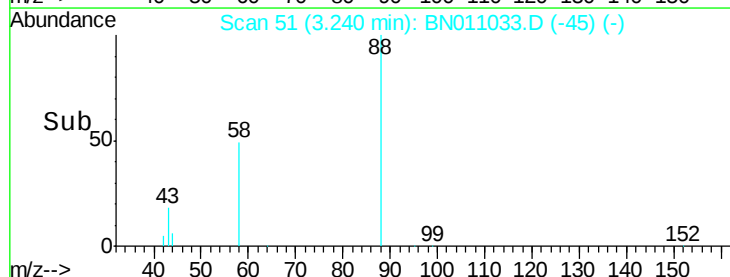
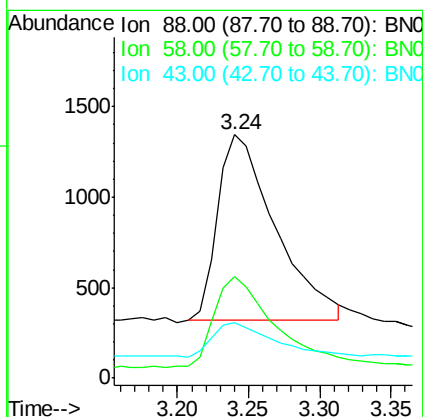
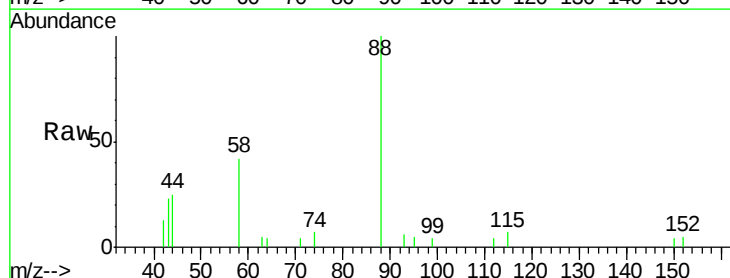
Tot Ion:152 Resp: 2795
Ion Ratio Lower Upper
152 100
150 154.6 121.8 182.8
115 61.0 50.2 75.2

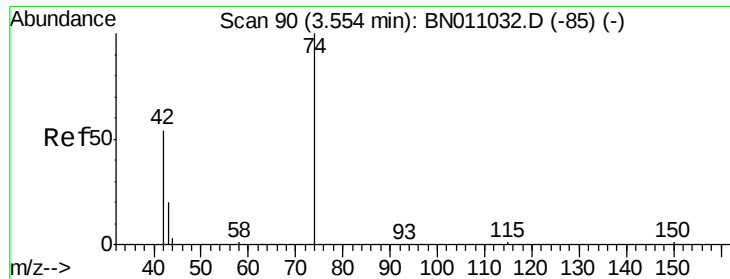


#2

1,4-Dioxane
Concen: 1.049 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.00 min
Lab File: BN011033.D
Acq: 23 Jun 2020 16:27

Tgt Ion: 88 Resp: 2871
Ion Ratio Lower Upper
88 100
58 49.5 38.4 57.6
43 19.3 14.2 21.4



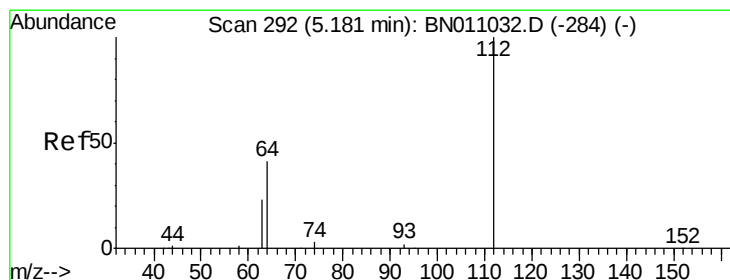
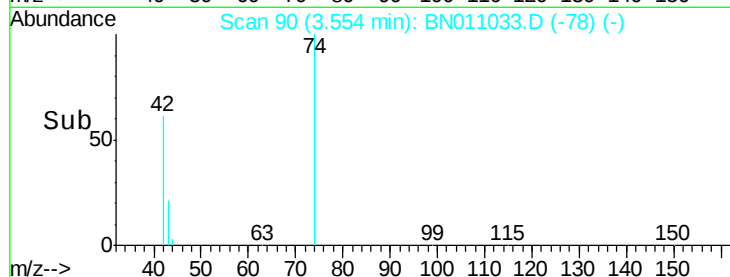
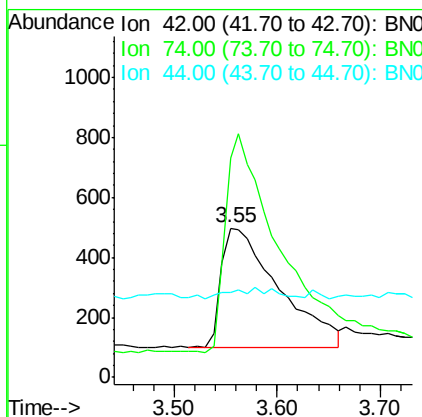
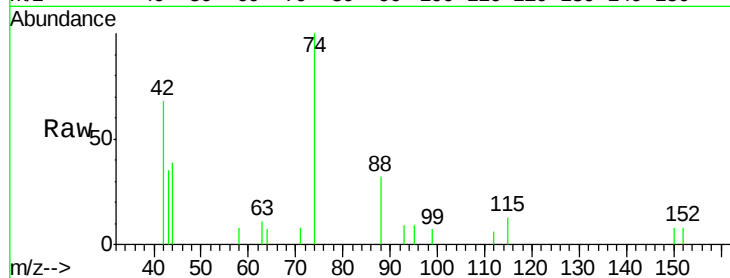


#3

n-Nitrosodimethylamine
 Concen: 0.979 ng
 RT: 3.55 min Scan# 90
 Delta R.T. -0.00 min
 Lab File: BN011033.D
 Acq: 23 Jun 2020 16:27

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

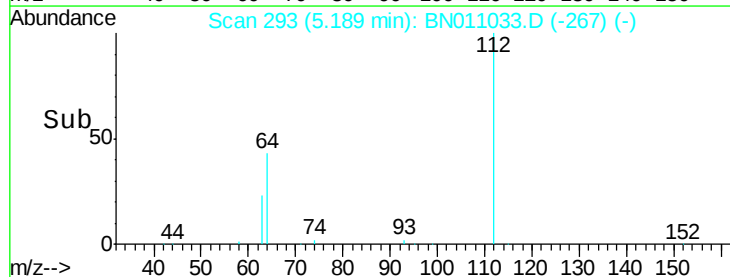
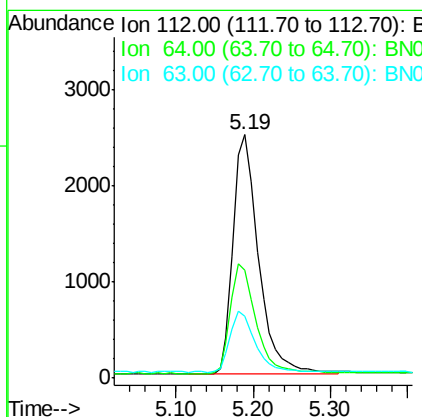
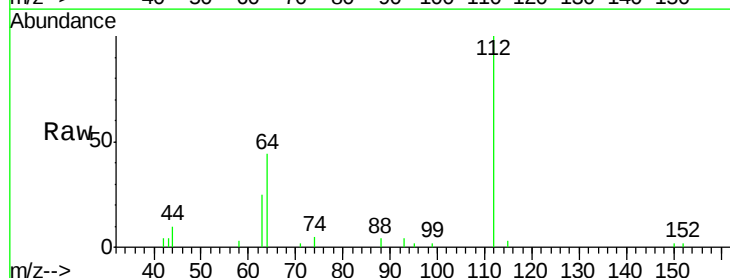
Tot Ion: 42 Resp: 1572
 Ion Ratio Lower Upper
 42 100
 74 167.7 154.8 232.2
 44 2.9 4.8 7.2#

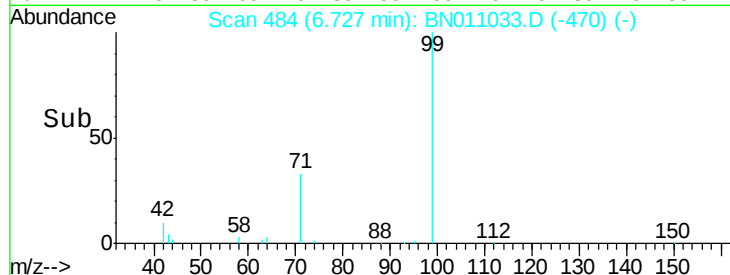
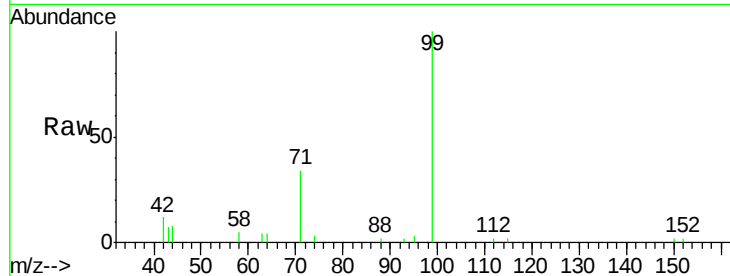
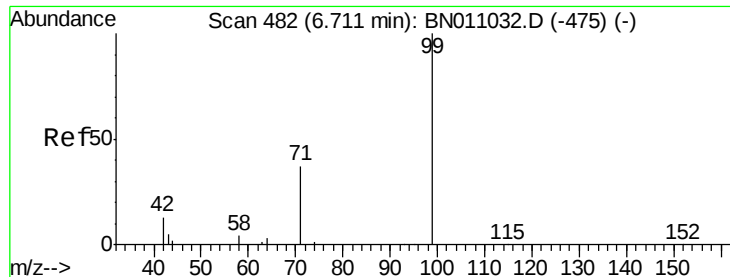


#4

2-Fluorophenol
 Concen: 1.032 ng
 RT: 5.19 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: BN011033.D
 Acq: 23 Jun 2020 16:27

Tgt Ion: 112 Resp: 5674
 Ion Ratio Lower Upper
 112 100
 64 46.0 37.3 55.9
 63 25.1 20.4 30.6





#5

Phenol-d6

Concen: 0.952 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.02 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

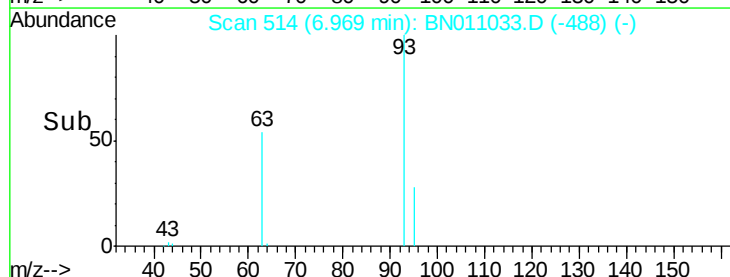
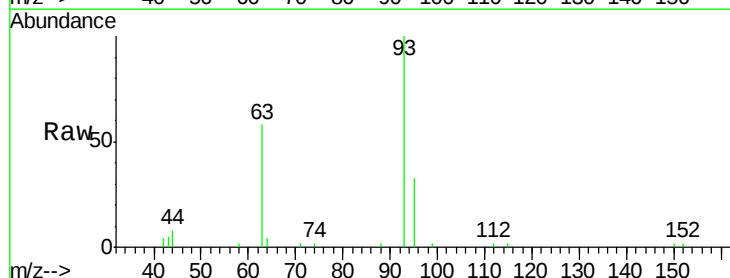
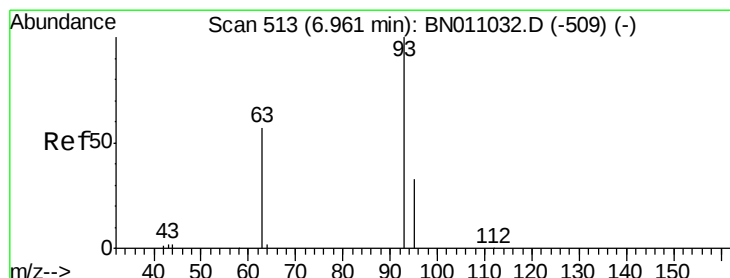
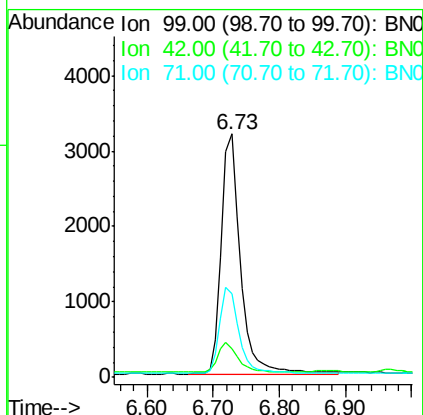
Tot Ion: 99 Resp: 6341

Ion Ratio Lower Upper

99 100

42 13.0 10.6 16.0

71 36.5 28.7 43.1



#6

bis(2-Chloroethyl)ether

Concen: 0.876 ng

RT: 6.97 min Scan# 514

Delta R.T. 0.01 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

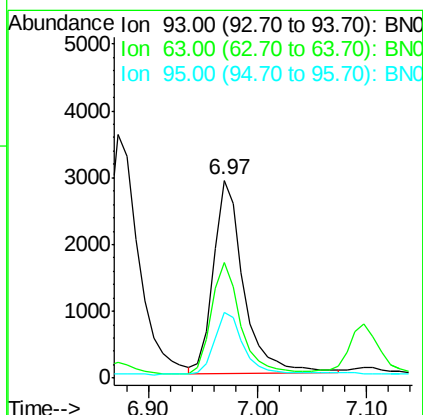
Tgt Ion: 93 Resp: 5635

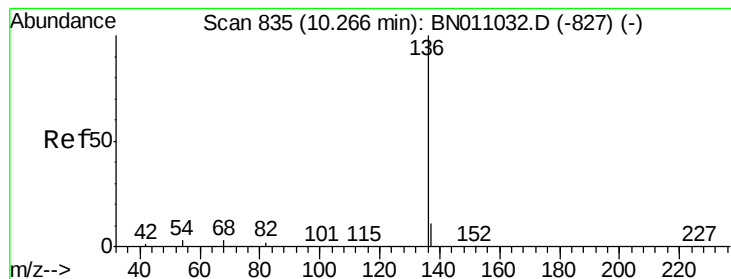
Ion Ratio Lower Upper

93 100

63 55.1 43.7 65.5

95 30.9 25.3 37.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 8588

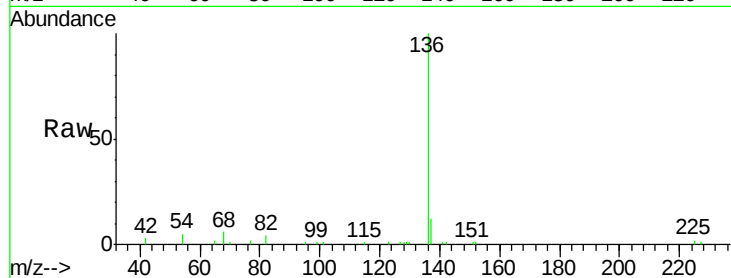
Ion Ratio Lower Upper

136 100

137 11.9 9.6 14.4

54 5.0 3.0 4.4#

68 5.6 3.4 5.2#

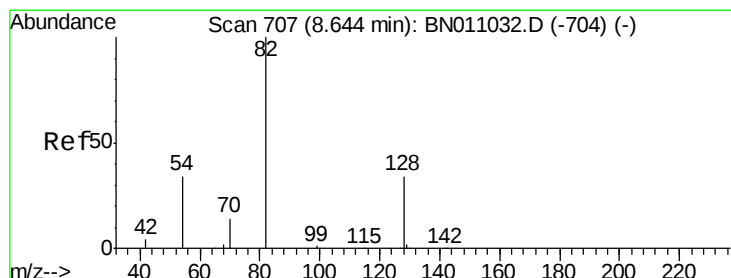
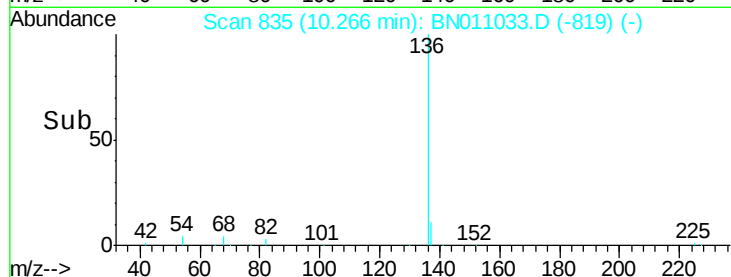
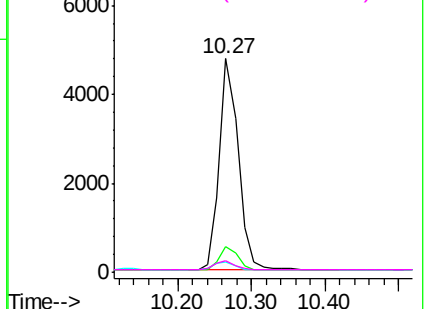


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.936 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.01 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

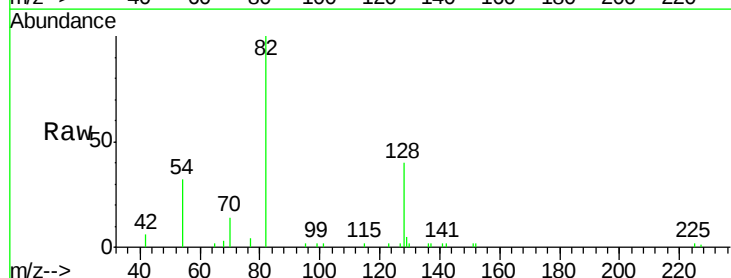
Tgt Ion: 82 Resp: 5803

Ion Ratio Lower Upper

82 100

128 39.5 29.4 44.2

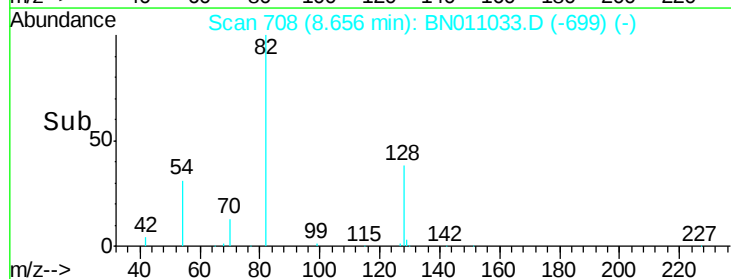
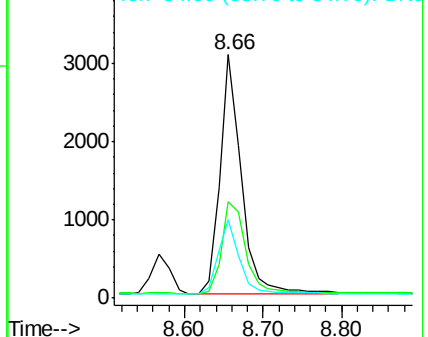
54 32.3 28.8 43.2

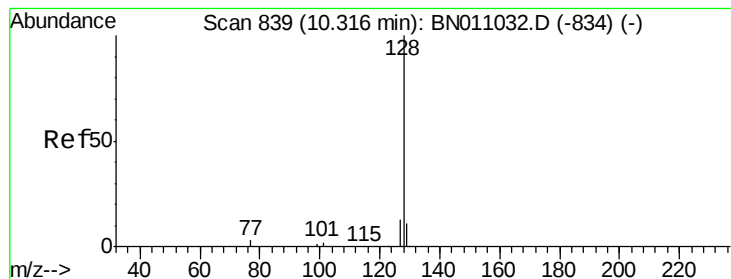


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 1.053 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

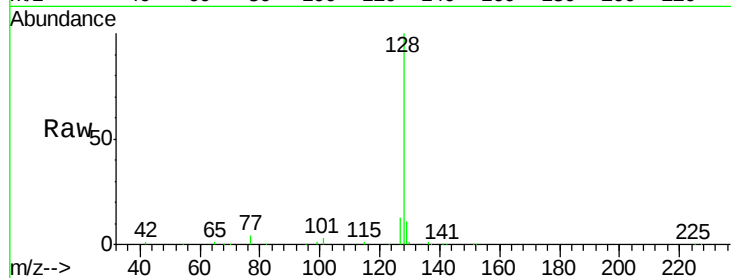
Tot Ion:128 Resp: 22405

Ion Ratio Lower Upper

128 100

129 11.4 9.8 14.6

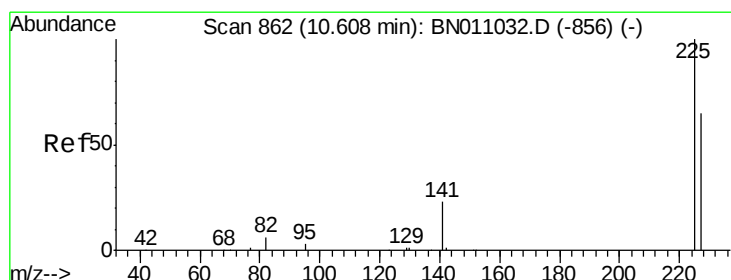
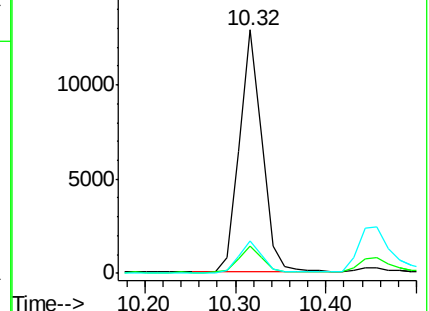
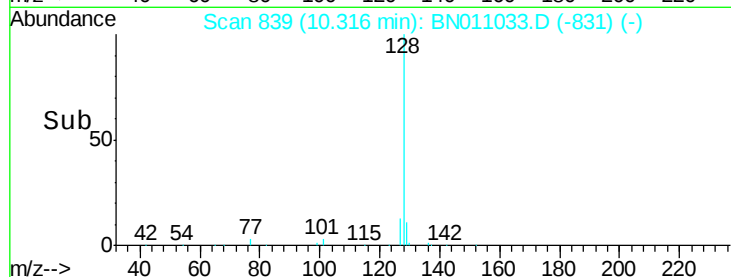
127 13.4 10.9 16.3



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: 1.005 ng

RT: 10.61 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

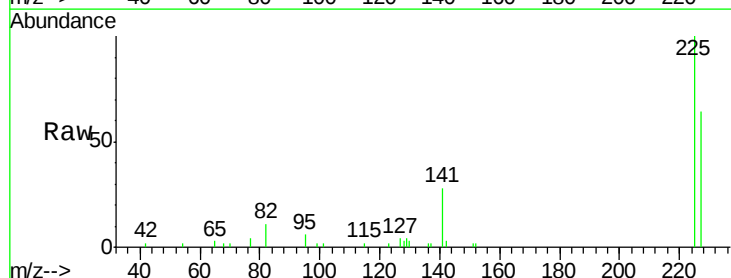
Tgt Ion:225 Resp: 5226

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

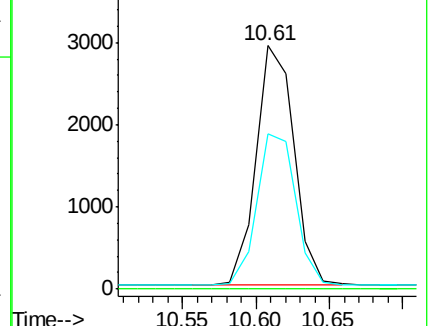
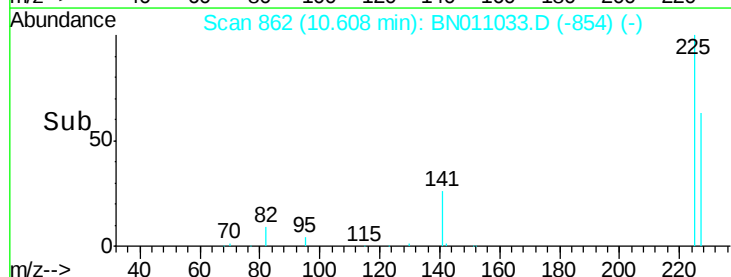
227 64.9 51.7 77.5

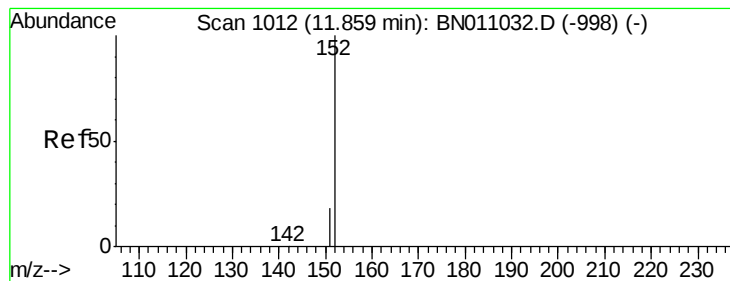


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.832 ng

RT: 11.86 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

Instrument :

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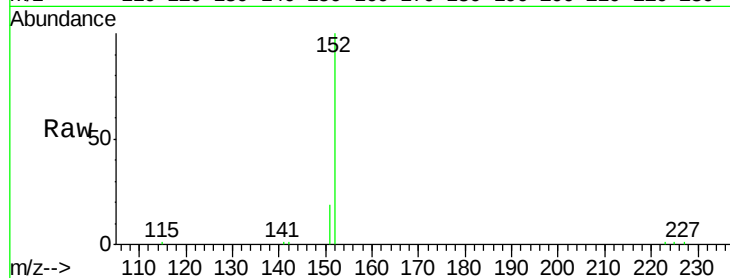
SSTDIC0.8

Tot Ion:152 Resp: 11110

Ion Ratio Lower Upper

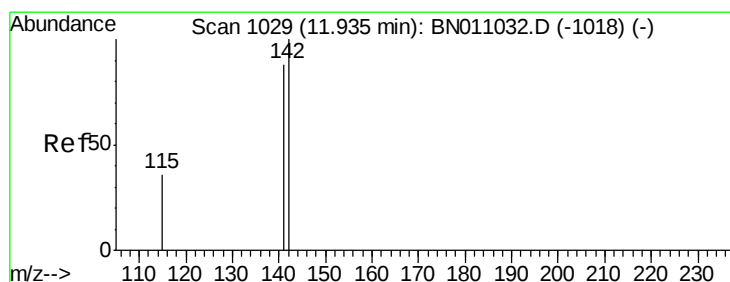
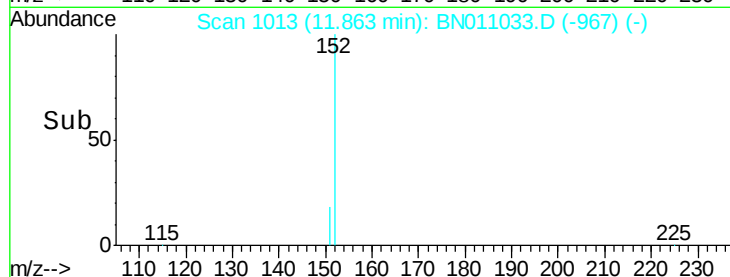
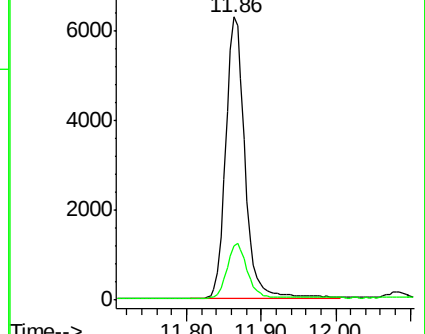
152 100

151 20.5 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.882 ng

RT: 11.94 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

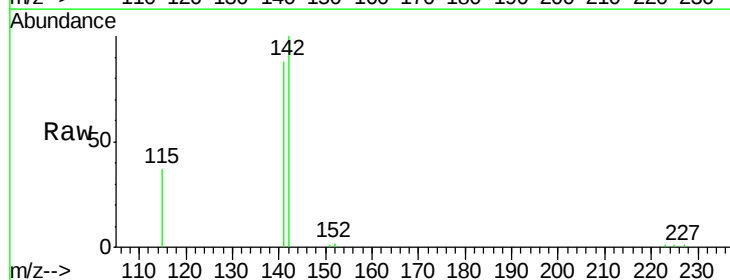
Tgt Ion:142 Resp: 12913

Ion Ratio Lower Upper

142 100

141 88.5 70.6 106.0

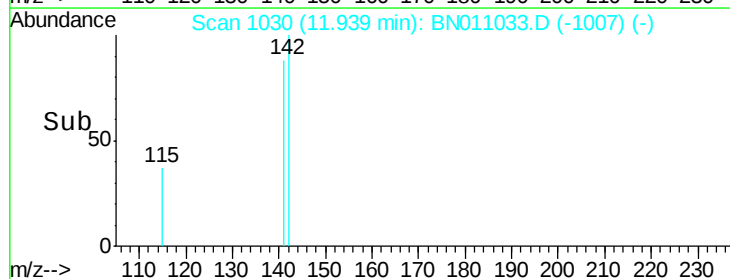
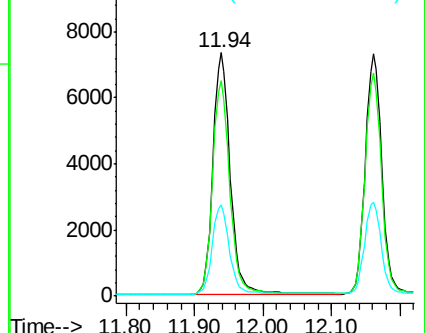
115 37.4 30.2 45.2

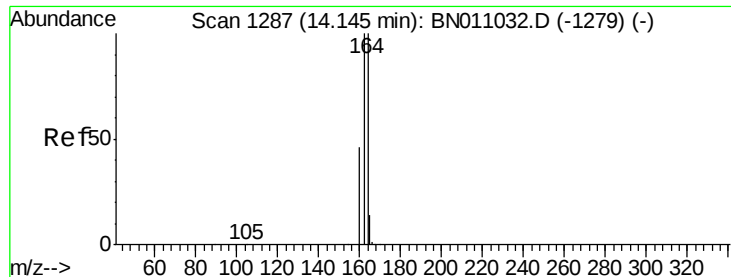


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

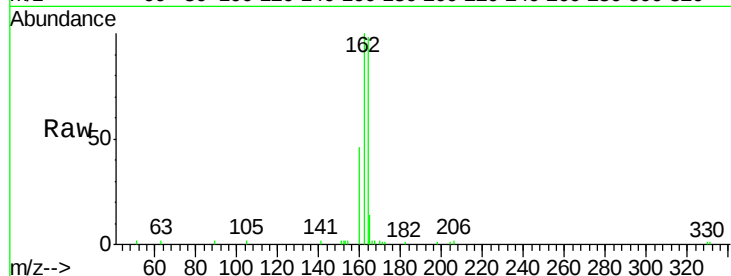
Tot Ion:164 Resp: 4739

Ion Ratio Lower Upper

164 100

162 102.6 80.2 120.4

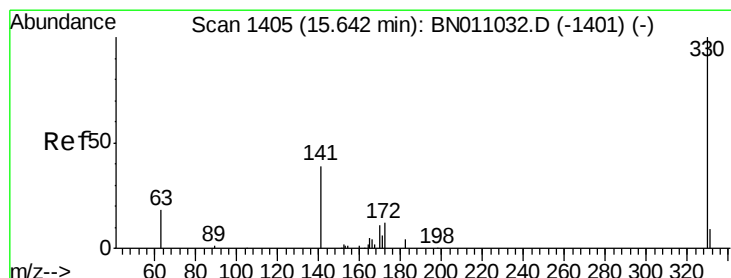
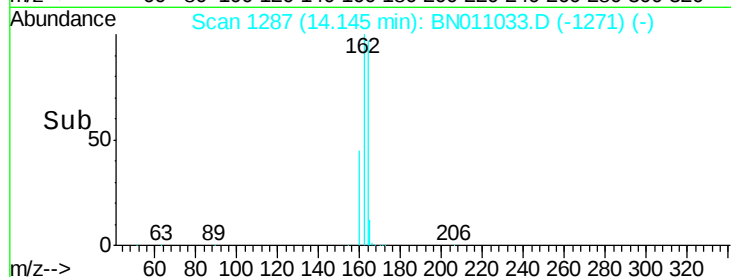
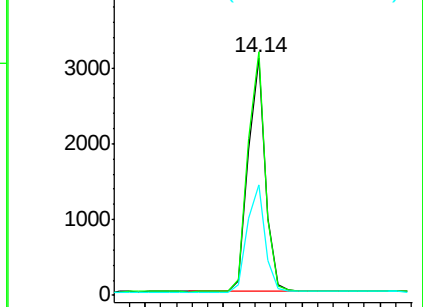
160 46.7 37.7 56.5



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: 0.912 ng

RT: 15.64 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

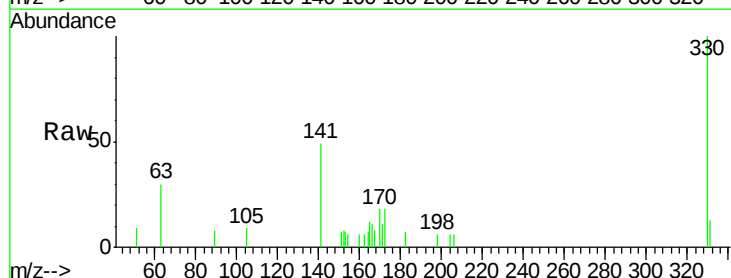
Tgt Ion:330 Resp: 1539

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

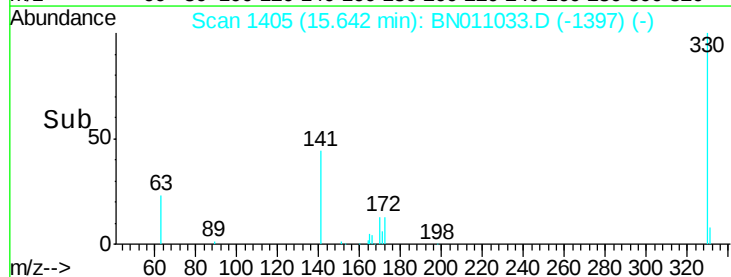
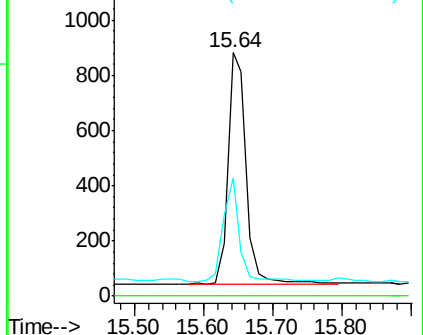
141 40.4 34.5 51.7

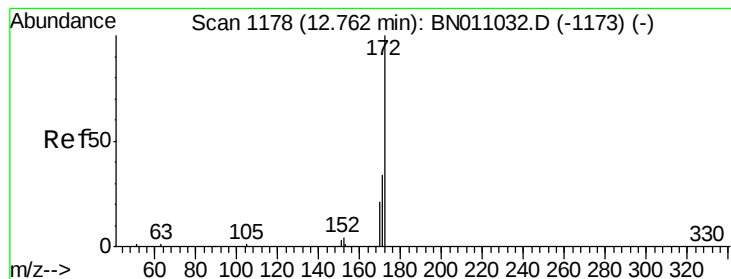


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.886 ng

RT: 12.76 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

Instrument :

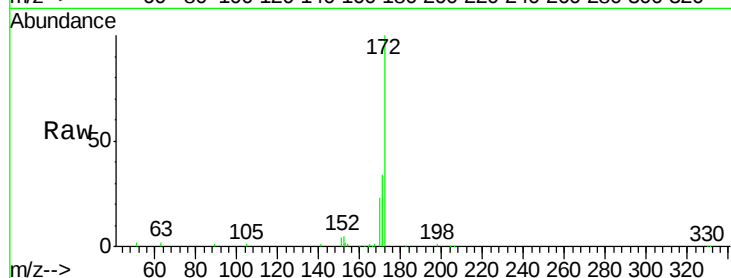
BNA_N

ClientSampleId :

SSTDIC0.8

Tot Ion:172 Resp: 15976

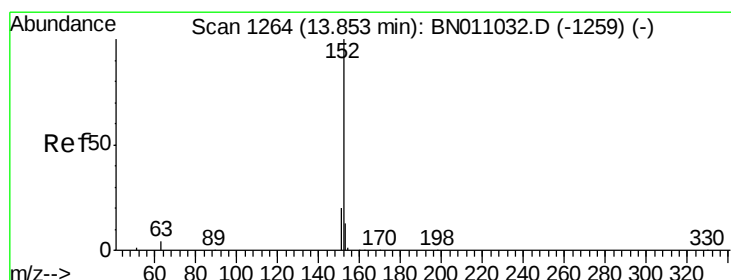
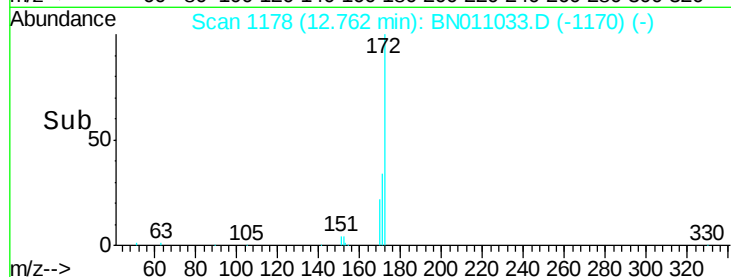
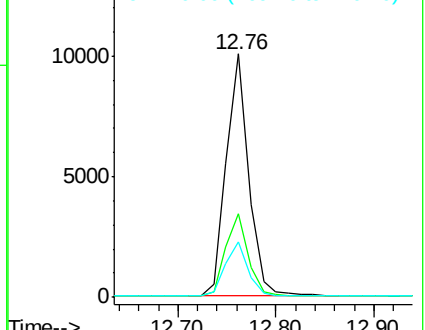
Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.4	41.2
170	22.7	17.5	26.3



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: 0.883 ng

RT: 13.85 min Scan# 1264

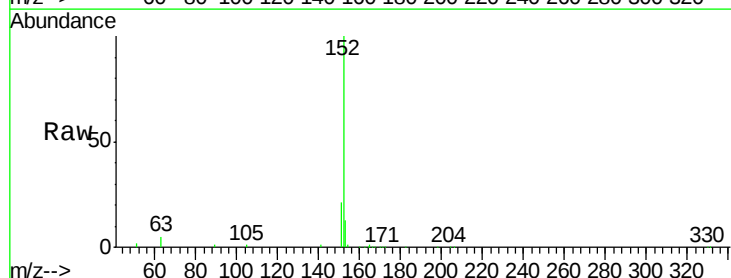
Delta R.T. -0.00 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

Tgt Ion:152 Resp: 16970

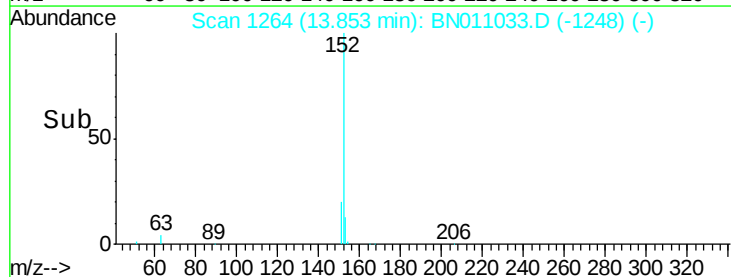
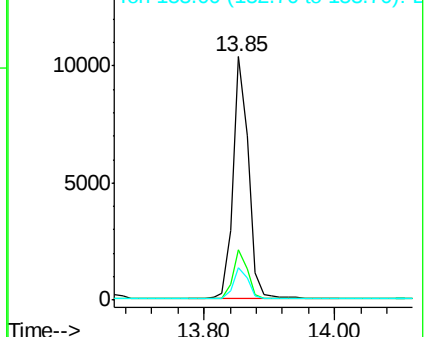
Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.1	10.2	15.2

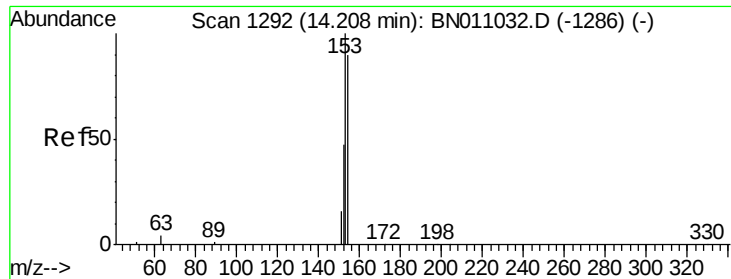


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.913 ng

RT: 14.21 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

Instrument :

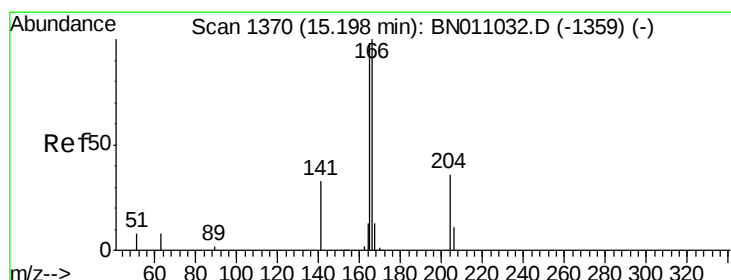
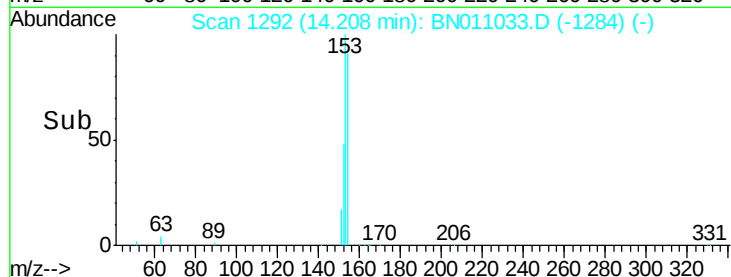
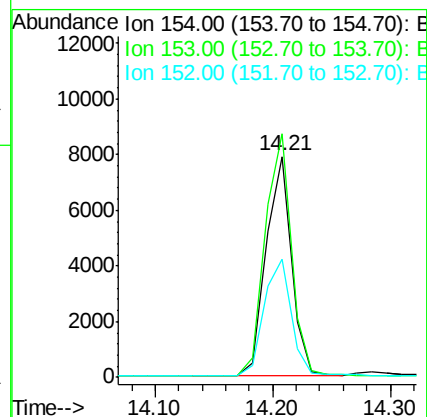
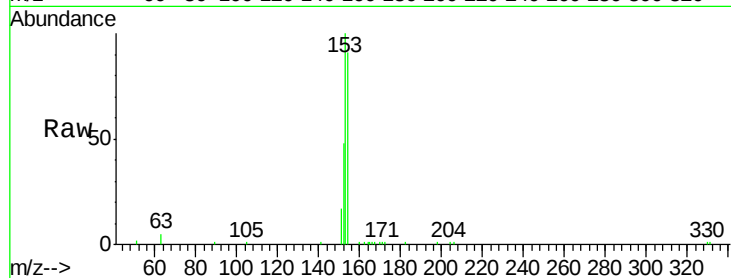
BNA_N

ClientSampleId :

SSTDIC0.8

Tot Ion:154 Resp: 11959

Ion	Ratio	Lower	Upper
154	100		
153	114.4	92.3	138.5
152	56.7	45.5	68.3



#18

Fluorene

Concen: 0.840 ng

RT: 15.20 min Scan# 1370

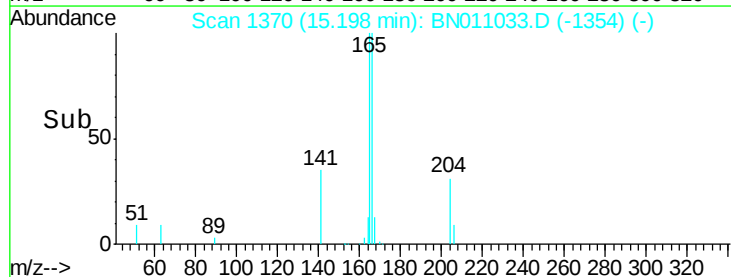
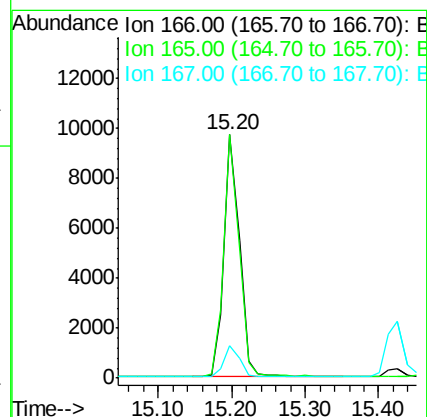
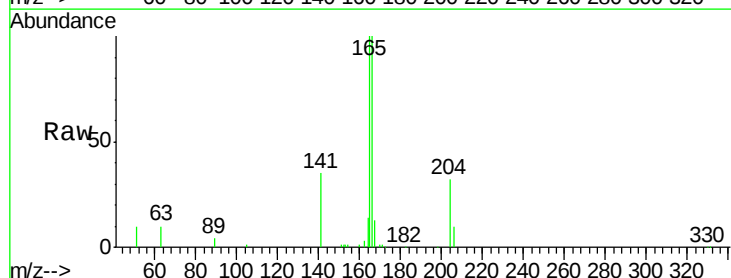
Delta R.T. -0.00 min

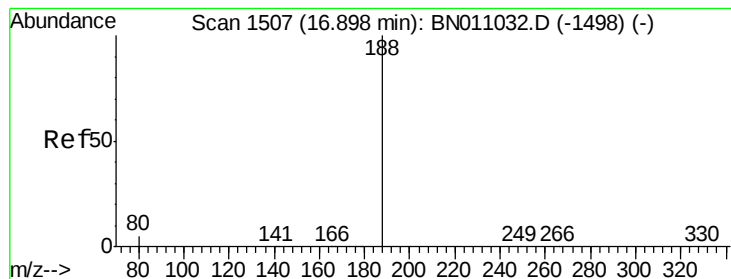
Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

Tgt Ion:166 Resp: 14283

Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.8	116.8
167	13.2	10.8	16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.90 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

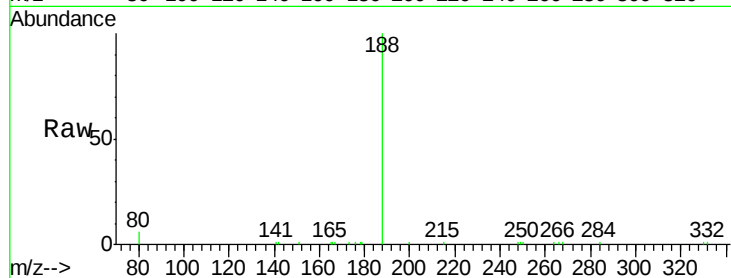
Tot Ion:188 Resp: 8687

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

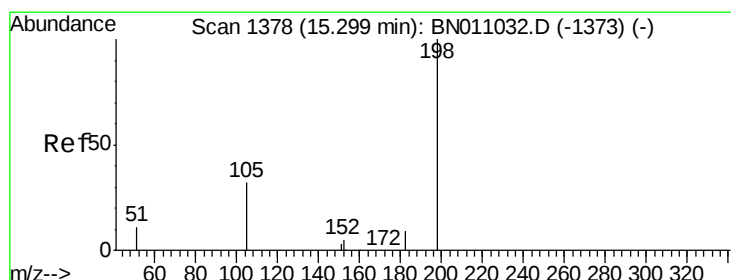
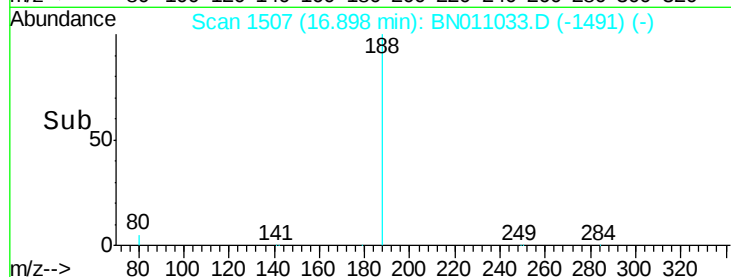
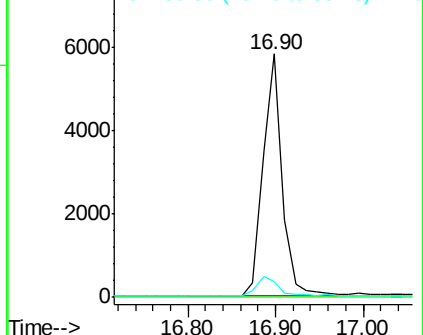
80 6.3 4.6 7.0



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

4,6-Dinitro-2-methylphenol

Concen: 0.988 ng

RT: 15.30 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

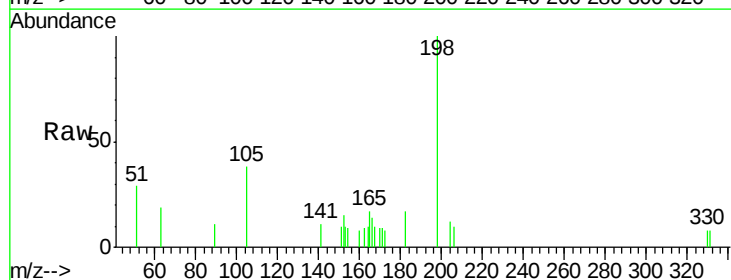
Tgt Ion:198 Resp: 1037

Ion Ratio Lower Upper

198 100

51 29.4 29.5 44.3#

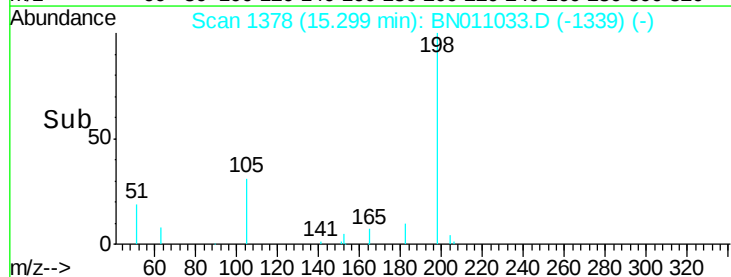
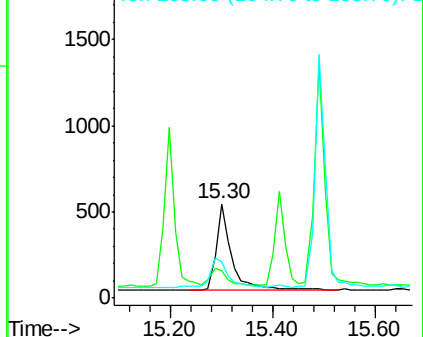
105 38.0 39.2 58.8#

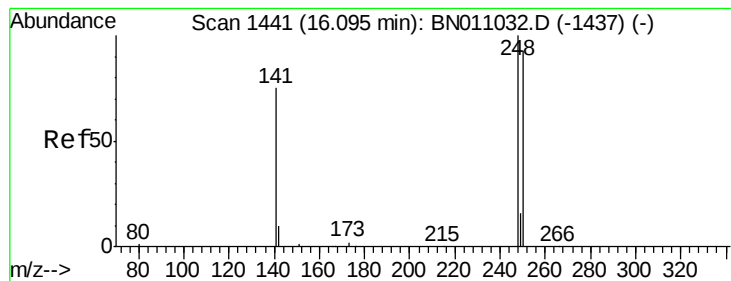


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.906 ng

RT: 16.09 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

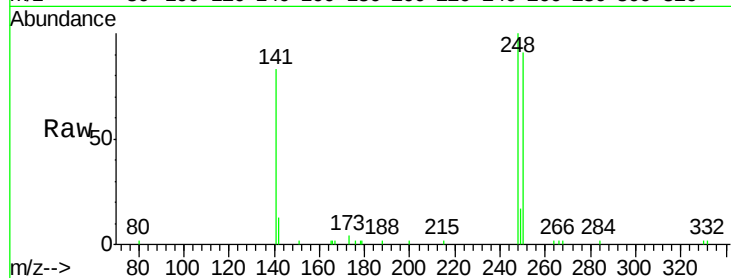
Tot Ion:248 Resp: 4532

Ion Ratio Lower Upper

248 100

250 91.4 74.6 111.8

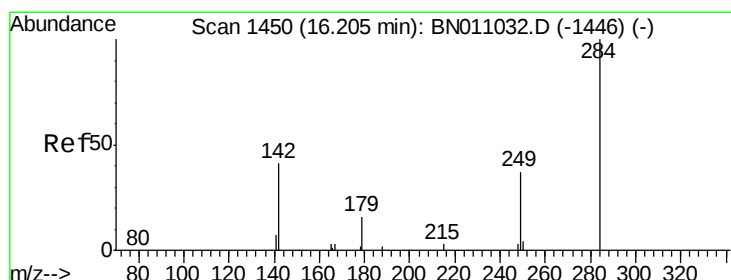
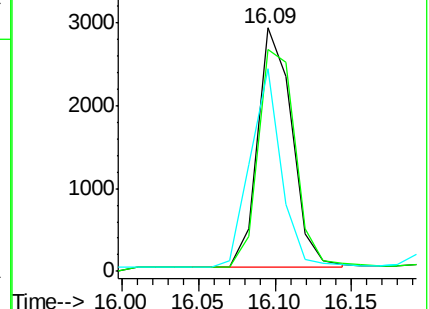
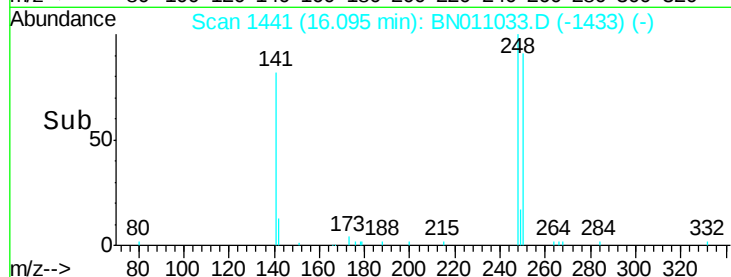
141 83.4 60.9 91.3



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



#22

Hexachlorobenzene

Concen: 0.960 ng

RT: 16.22 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

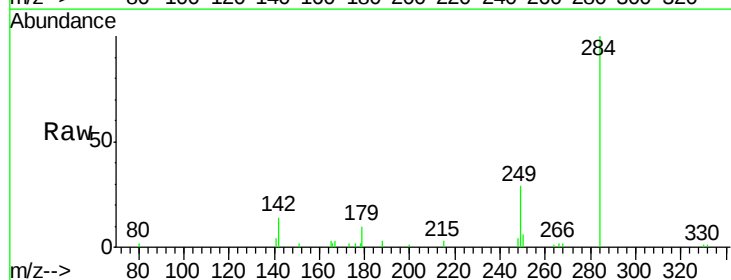
Tgt Ion:284 Resp: 5083

Ion Ratio Lower Upper

284 100

142 37.3 30.4 45.6

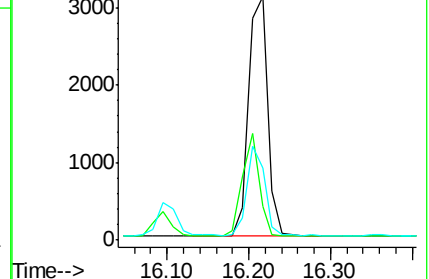
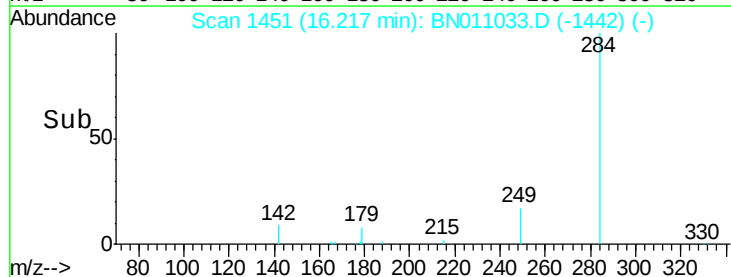
249 34.7 27.0 40.4

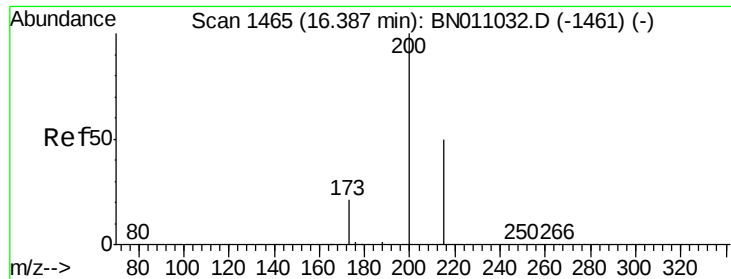


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

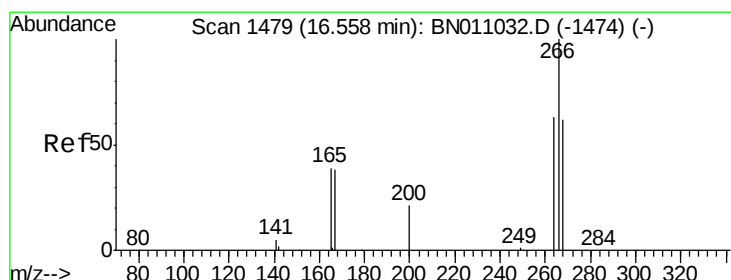
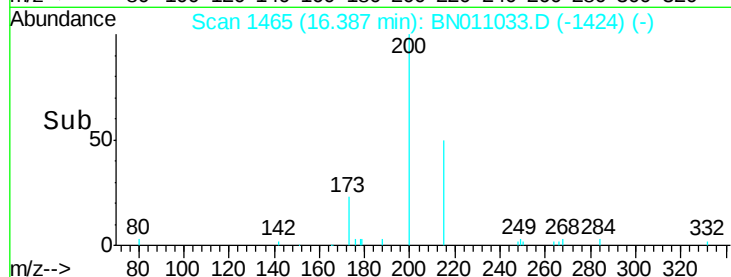
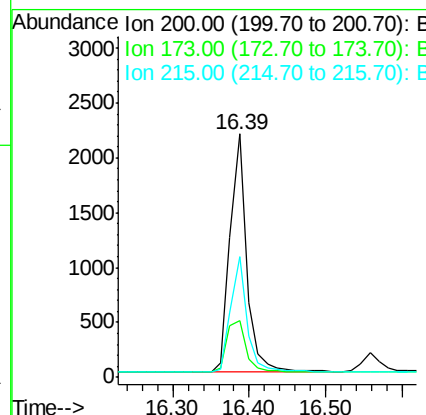
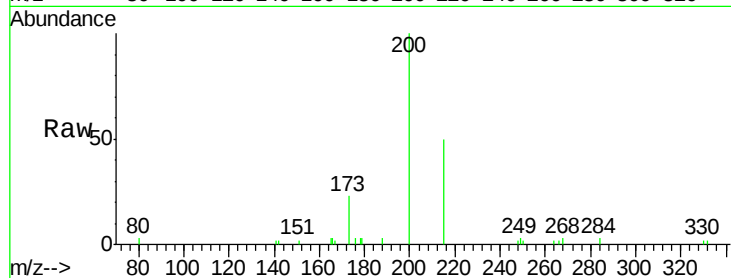




#23
Atrazine
Concen: 1.078 ng
RT: 16.39 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BN011033.D
Acq: 23 Jun 2020 16:27

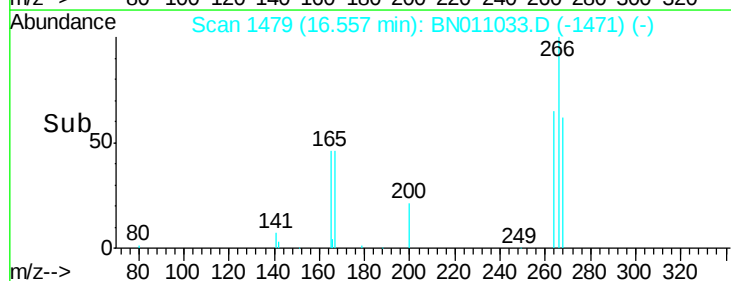
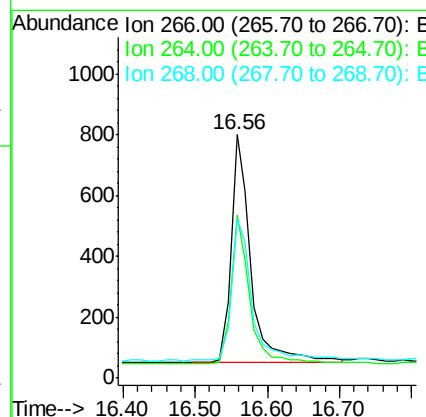
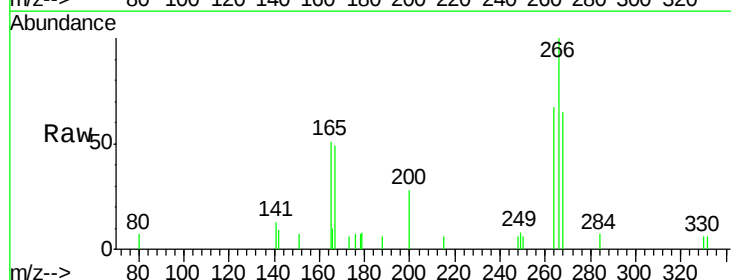
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

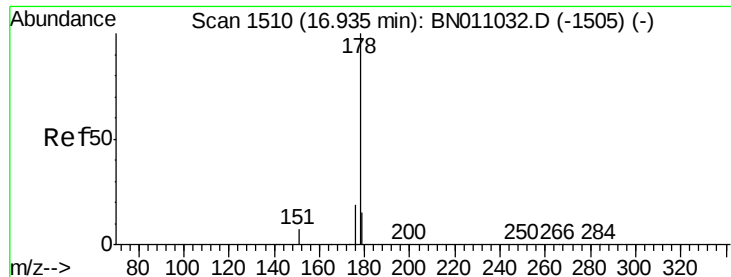
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.4	19.4	29.2
215	49.8	41.5	62.3



#24
Pentachlorophenol
Concen: 0.817 ng
RT: 16.56 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BN011033.D
Acq: 23 Jun 2020 16:27

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.2	51.4	77.0
268	68.4	54.9	82.3





#25

Phenanthrene

Concen: 0.954 ng

RT: 16.93 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

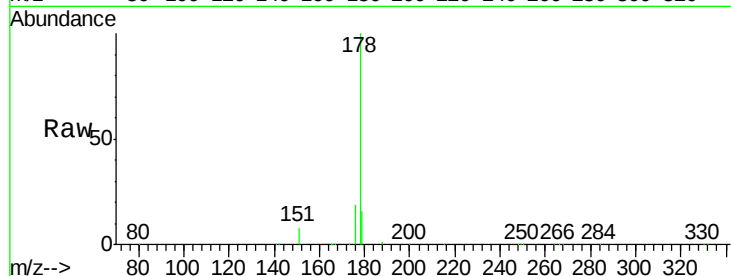
Tot Ion:178 Resp: 22438

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

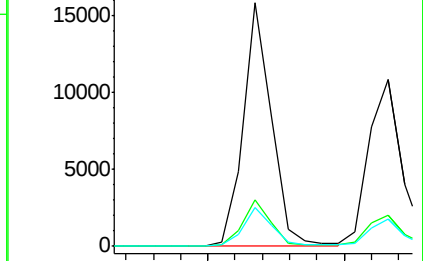
179 15.5 12.3 18.5



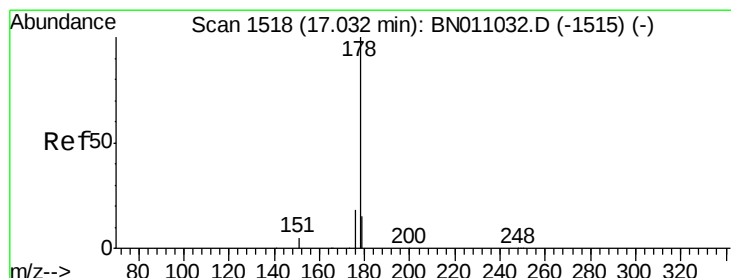
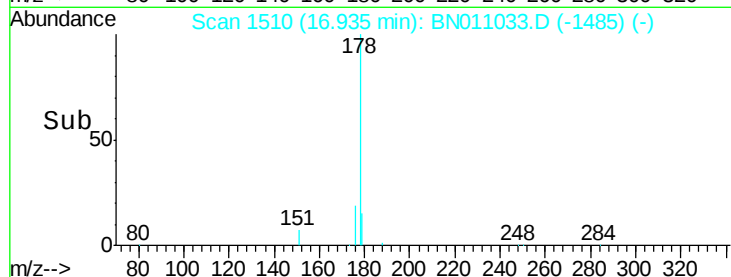
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#26

Anthracene

Concen: 0.944 ng

RT: 17.03 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

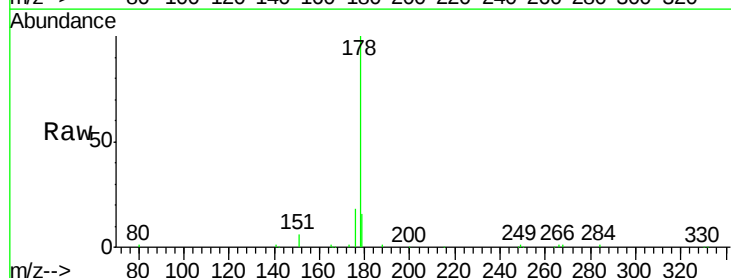
Tgt Ion:178 Resp: 18463

Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

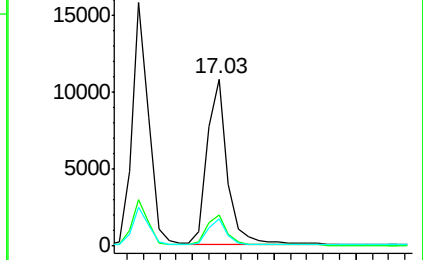
179 15.3 12.2 18.4



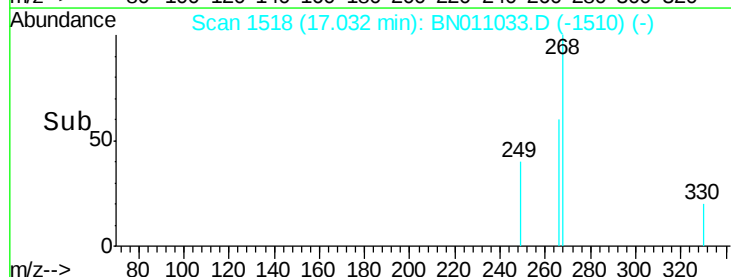
Abundance Ion 178.00 (177.70 to 178.70): E

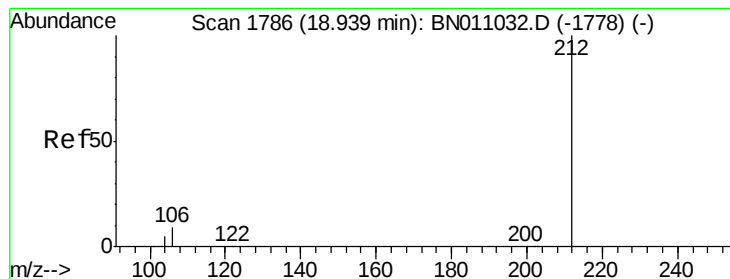
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#27

Fluoranthene-d10

Concen: 0.893 ng

RT: 18.94 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

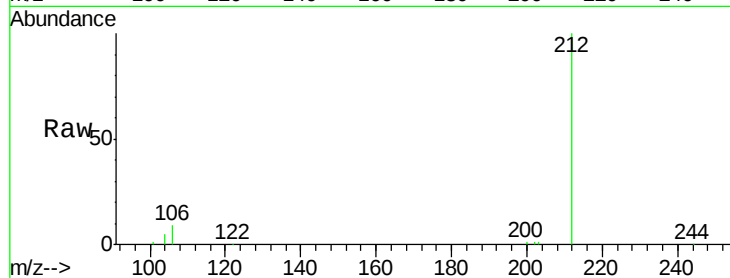
Tot Ion:212 Resp: 20368

Ion Ratio Lower Upper

212 100

106 9.7 7.7 11.5

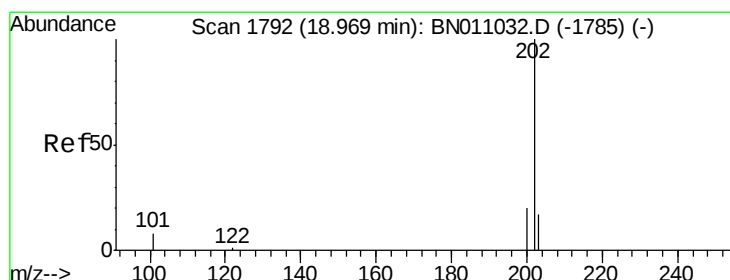
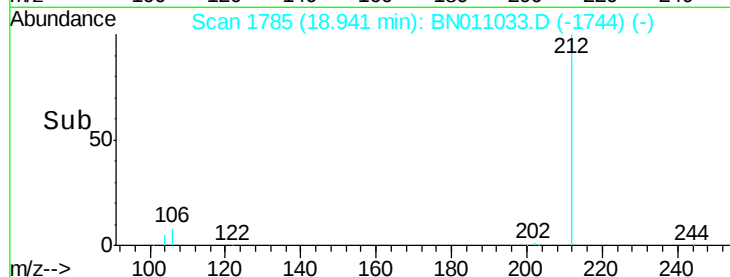
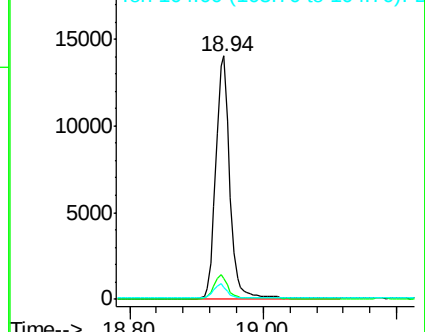
104 5.6 4.6 6.8



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



#28

Fluoranthene

Concen: 0.958 ng

RT: 18.97 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

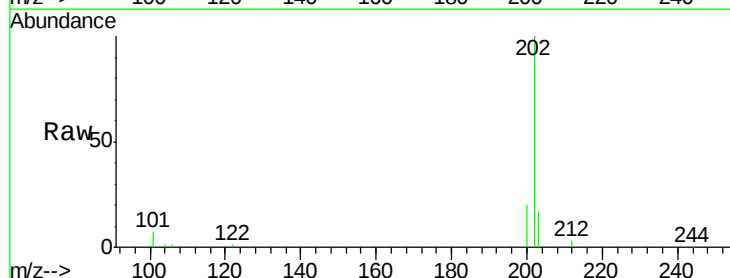
Tgt Ion:202 Resp: 25018

Ion Ratio Lower Upper

202 100

101 8.3 6.6 10.0

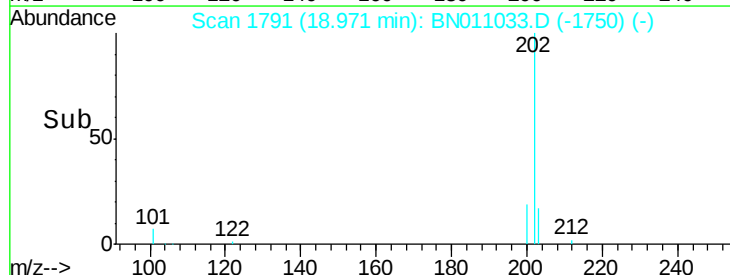
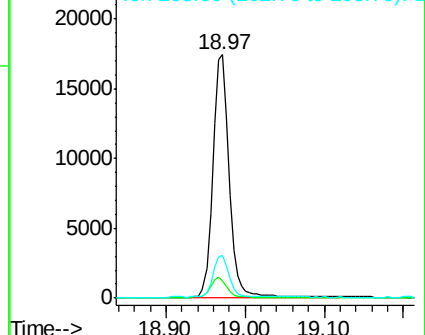
203 17.0 13.8 20.6

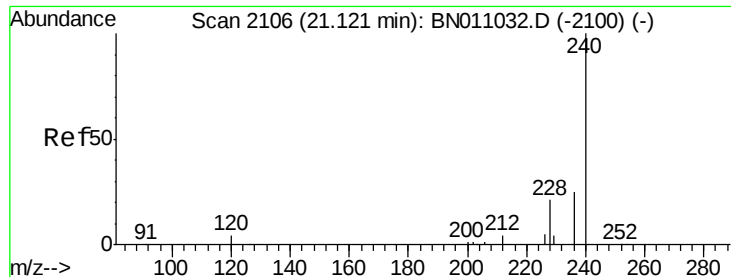


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

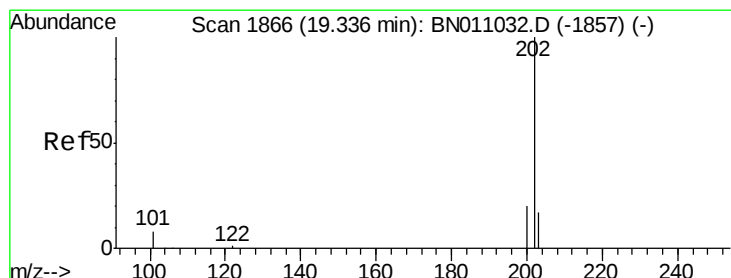
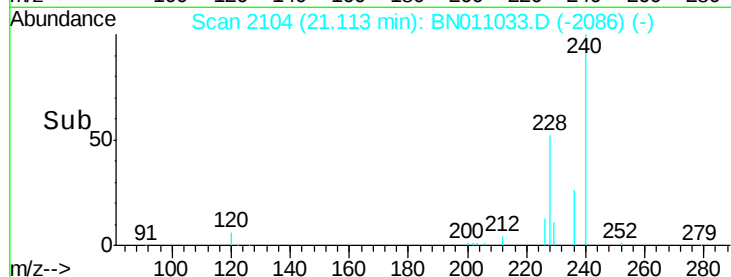
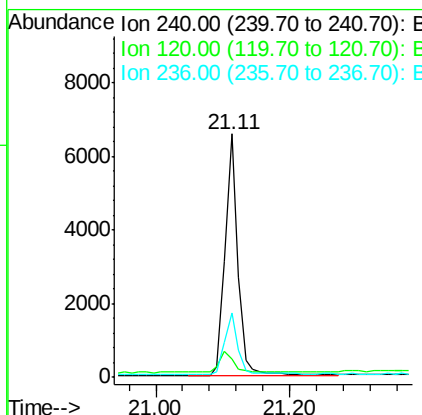
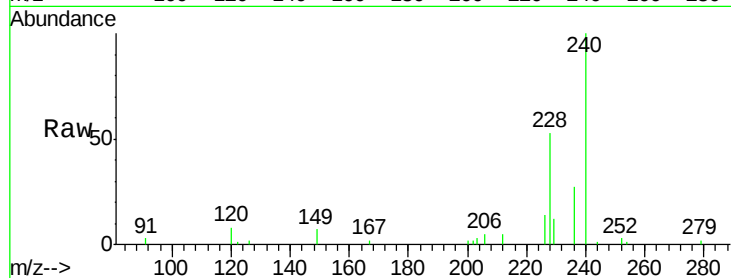




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BN011033.D
Acq: 23 Jun 2020 16:27

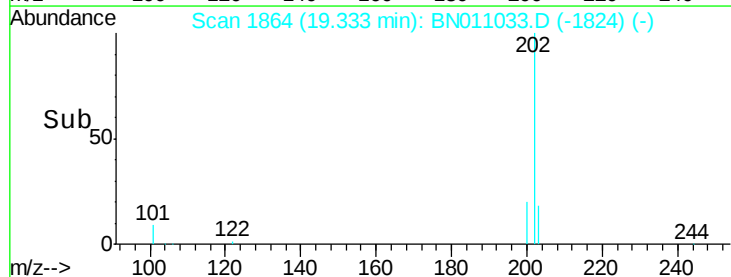
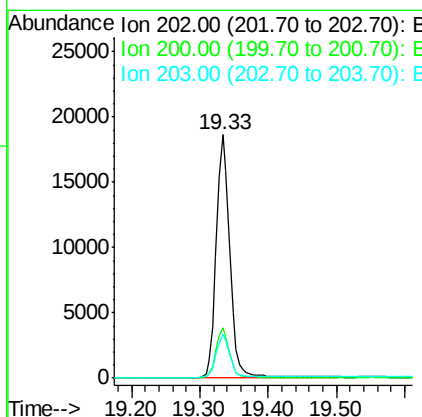
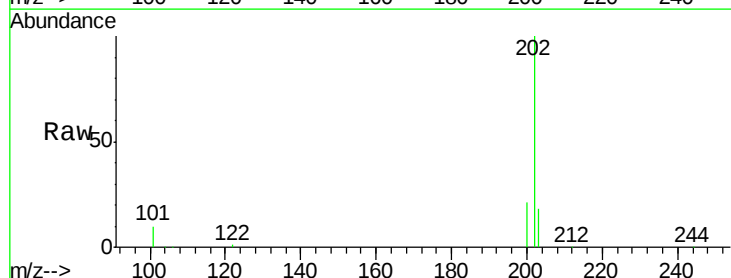
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

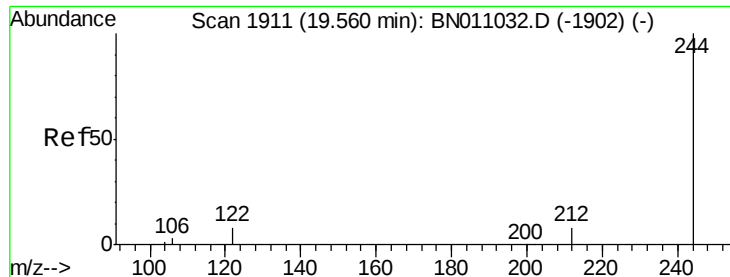
Tot Ion:240 Resp: 8683
Ion Ratio Lower Upper
240 100
120 7.8 5.4 8.0
236 26.5 21.4 32.2



#30
Pyrene
Concen: 0.913 ng
RT: 19.33 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BN011033.D
Acq: 23 Jun 2020 16:27

Tgt Ion:202 Resp: 25486
Ion Ratio Lower Upper
202 100
200 20.4 16.6 24.8
203 17.6 14.2 21.2





#31

Terphenyl-d14

Concen: 0.893 ng

RT: 19.55 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

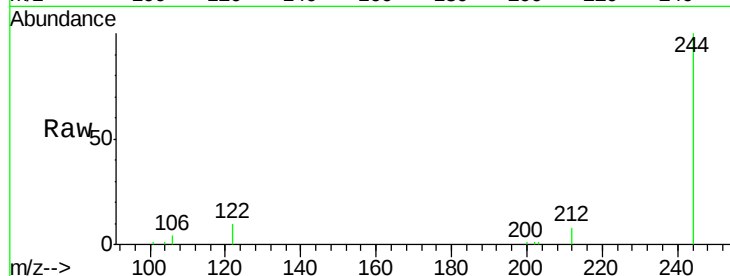
Tot Ion:244 Resp: 17647

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

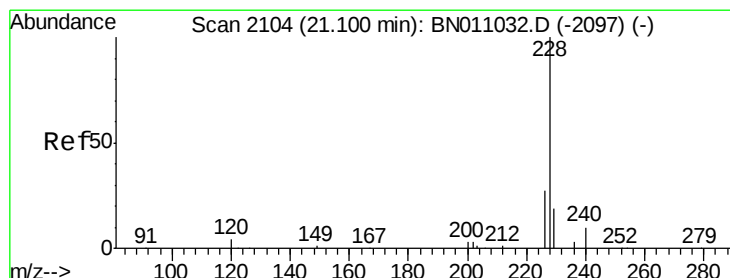
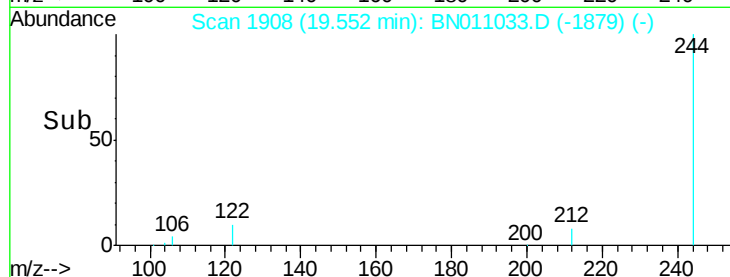
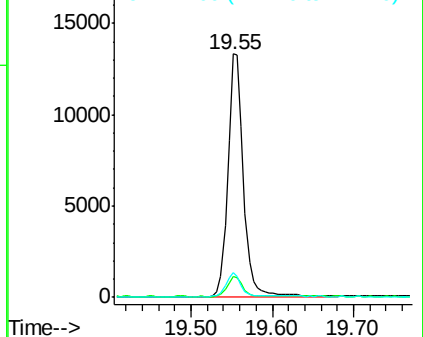
122 10.3 7.4 11.0



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



#32

Benzo(a)anthracene

Concen: 0.882 ng

RT: 21.09 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

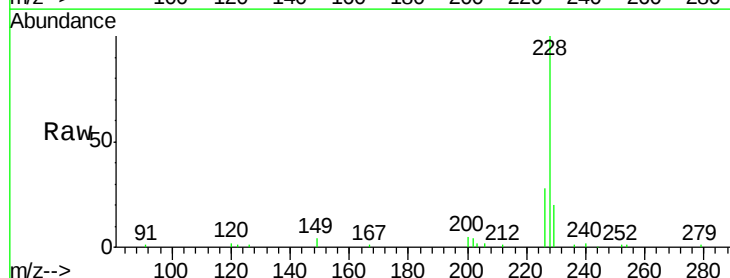
Tgt Ion:228 Resp: 22127

Ion Ratio Lower Upper

228 100

226 27.9 22.0 33.0

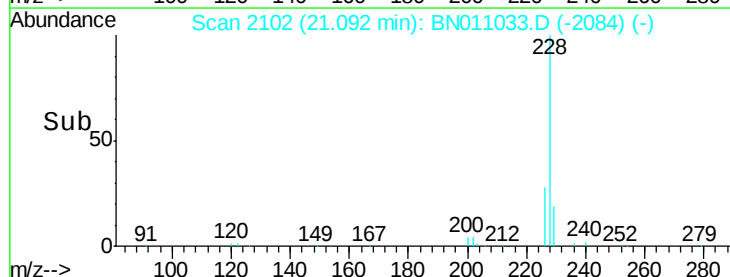
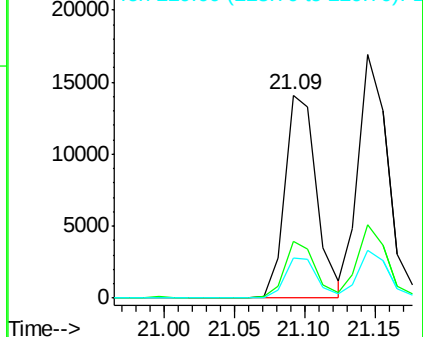
229 19.5 15.9 23.9

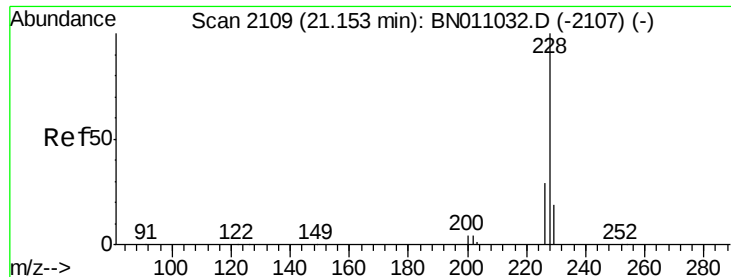


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.860 ng

RT: 21.14 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

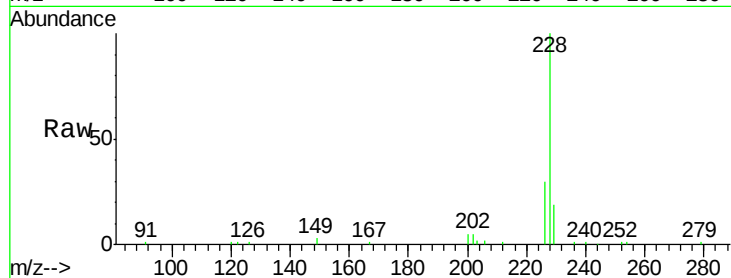
Tot Ion:228 Resp: 24695

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.6

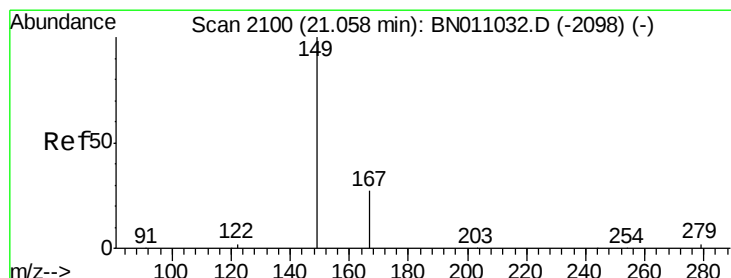
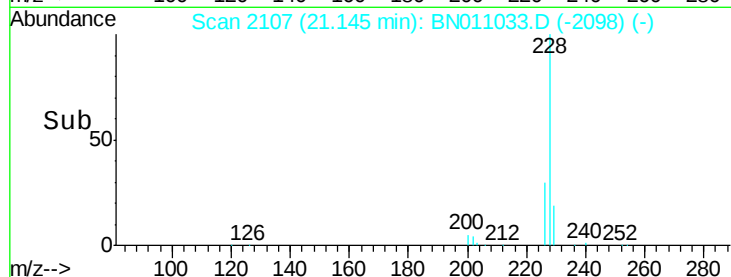
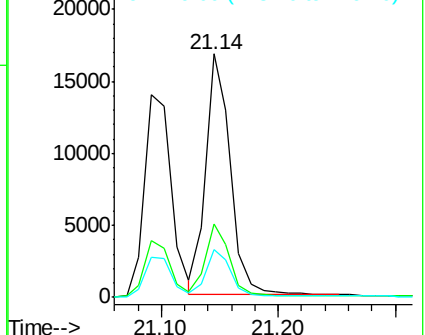
229 19.5 15.8 23.6



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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.958 ng

RT: 21.06 min Scan# 2099

Delta R.T. 0.00 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

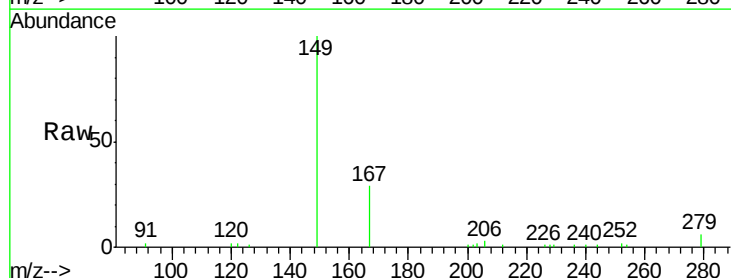
Tgt Ion:149 Resp: 8540

Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.2

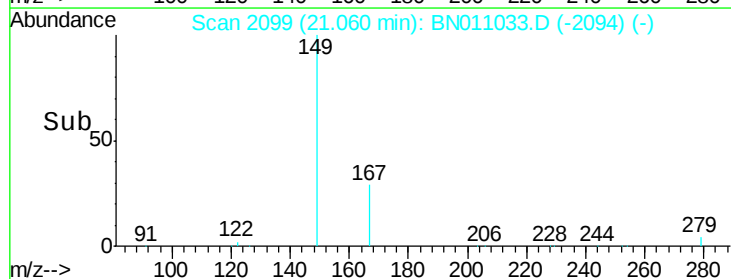
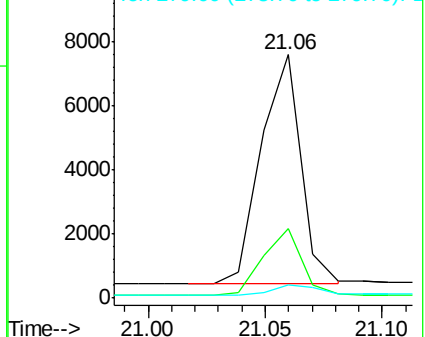
279 4.9 3.9 5.9

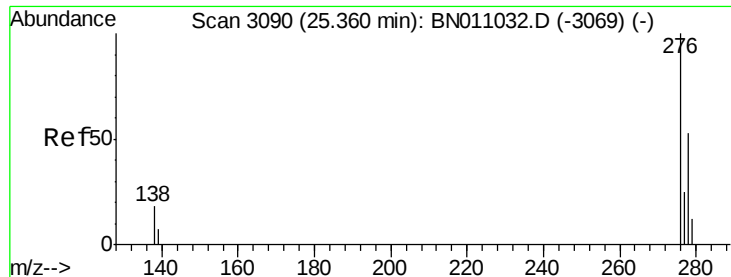


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#35

Indeno(1,2,3-cd)pyrene

Concen: 0.956 ng

RT: 25.36 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

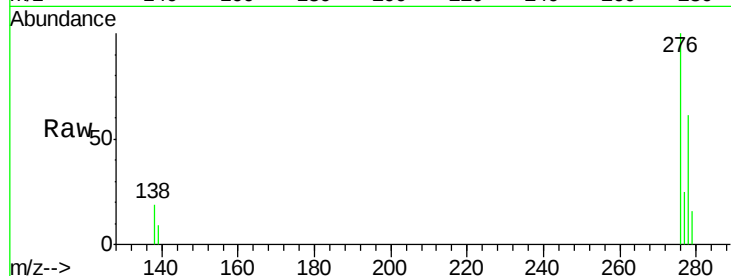
Tot Ion:276 Resp: 30336

Ion Ratio Lower Upper

276 100

138 20.0 16.2 24.2

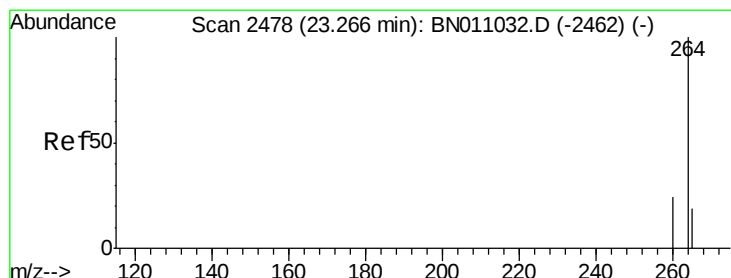
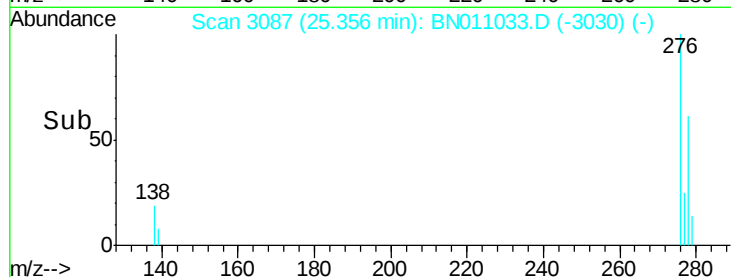
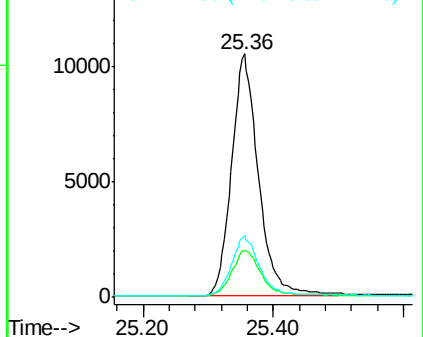
277 24.7 19.9 29.9



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.26 min Scan# 2474

Delta R.T. -0.01 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

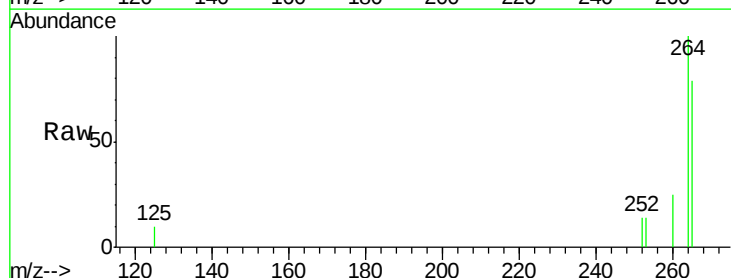
Tgt Ion:264 Resp: 7803

Ion Ratio Lower Upper

264 100

260 25.1 20.0 30.0

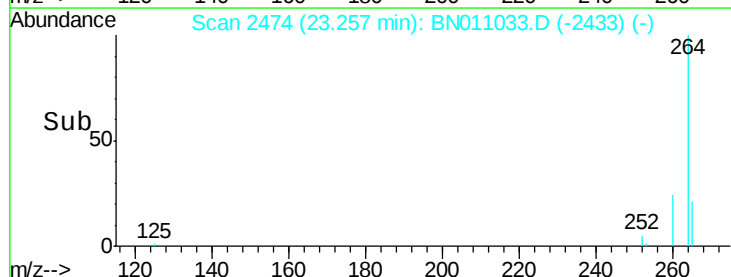
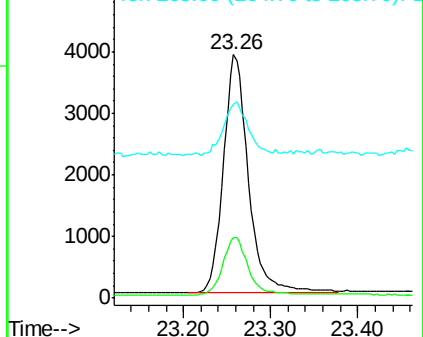
265 79.5 64.9 97.3

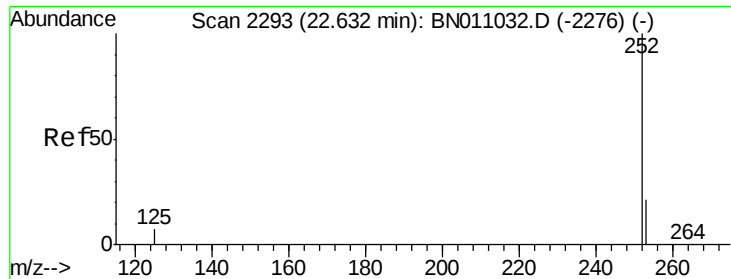


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

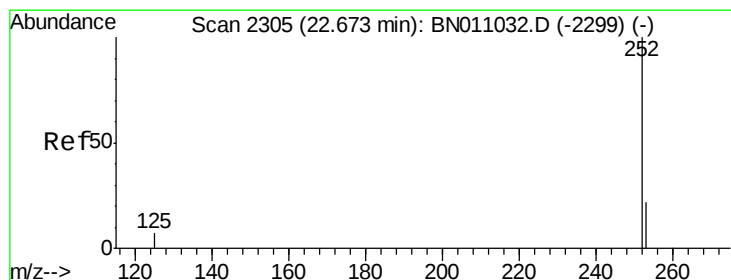
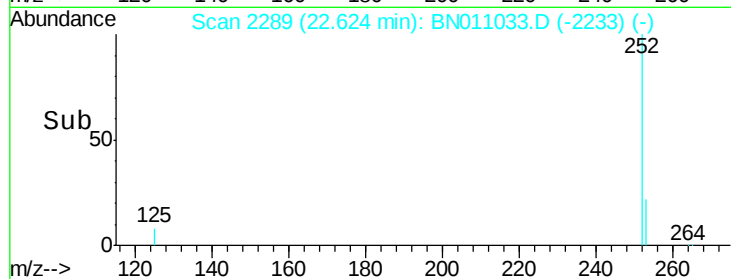
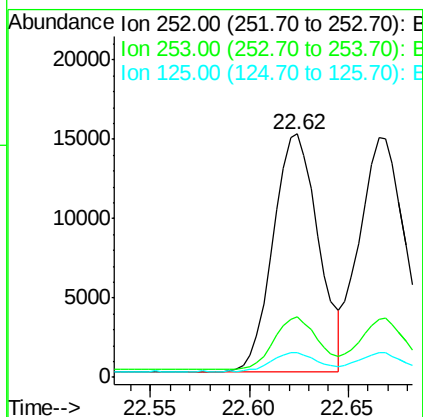
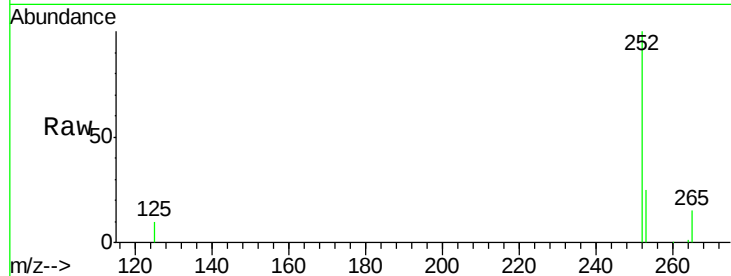




#37
Benzo(b)fluoranthene
Concen: 0.921 ng
RT: 22.62 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BN011033.D
Acq: 23 Jun 2020 16:27

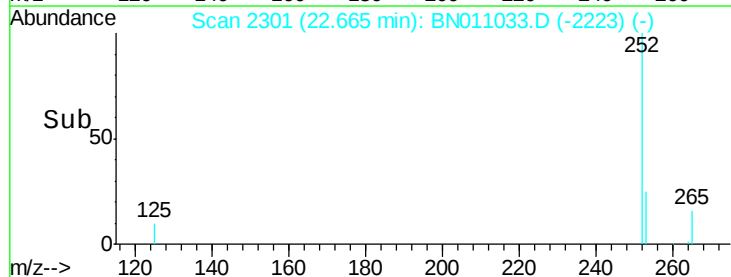
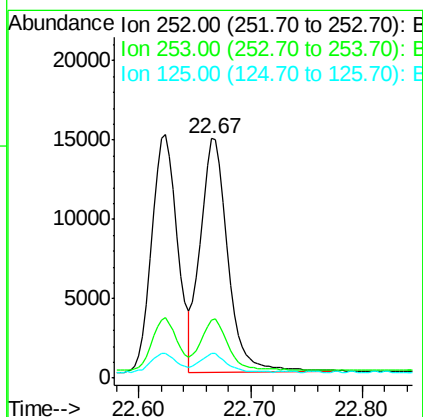
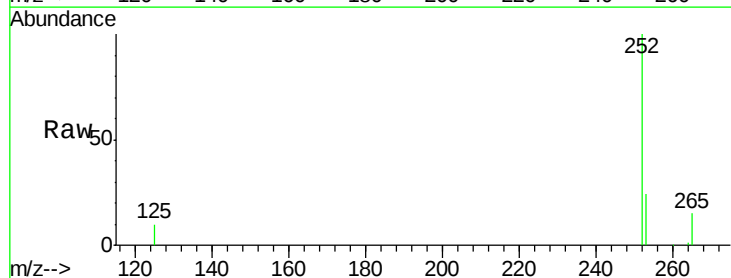
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

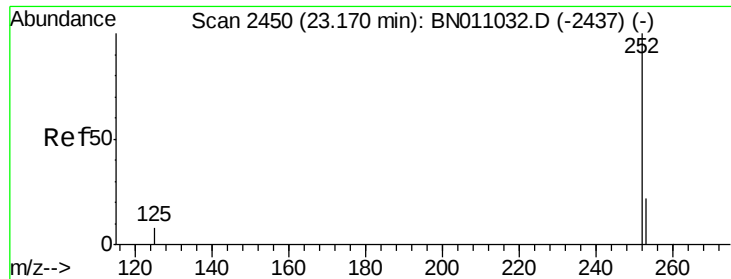
Tot Ion:252 Resp: 23975
Ion Ratio Lower Upper
252 100
253 24.7 21.4 32.0
125 9.9 9.3 13.9



#38
Benzo(k)fluoranthene
Concen: 0.909 ng
RT: 22.67 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BN011033.D
Acq: 23 Jun 2020 16:27

Tgt Ion:252 Resp: 25042
Ion Ratio Lower Upper
252 100
253 24.1 21.8 32.6
125 10.2 9.8 14.6





#39

Benzo(a)pyrene

Concen: 0.910 ng

RT: 23.16 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

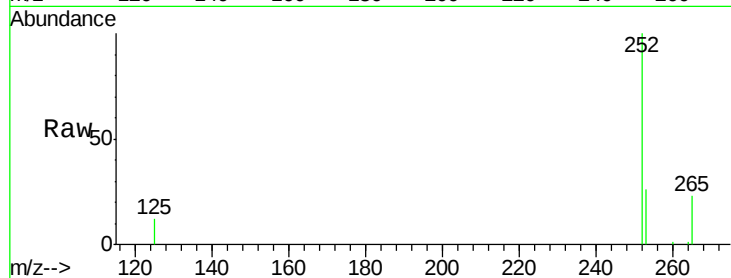
Tot Ion:252 Resp: 20520

Ion Ratio Lower Upper

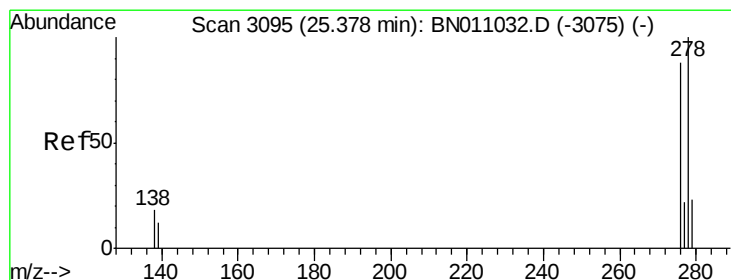
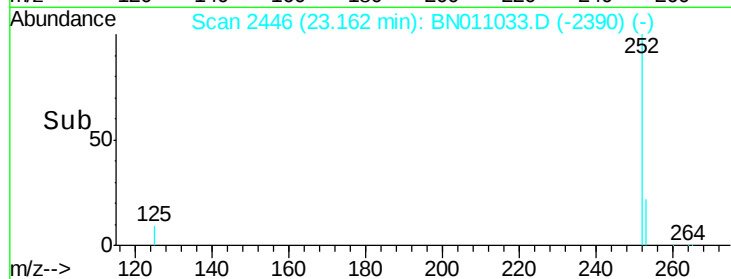
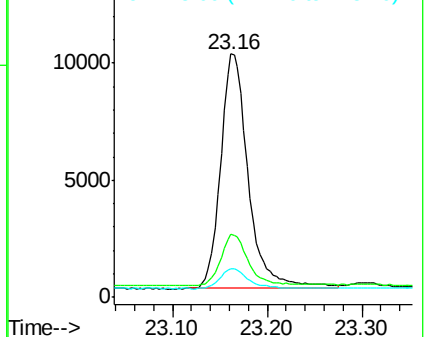
252 100

253 25.7 23.1 34.7

125 11.9 11.2 16.8



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



#40

Dibenzo(a,h)anthracene

Concen: 0.967 ng

RT: 25.37 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BN011033.D

Acq: 23 Jun 2020 16:27

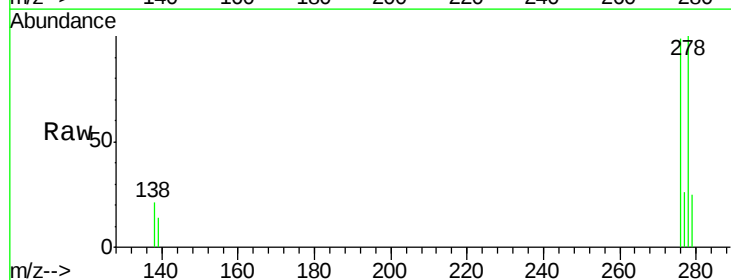
Tgt Ion:278 Resp: 24281

Ion Ratio Lower Upper

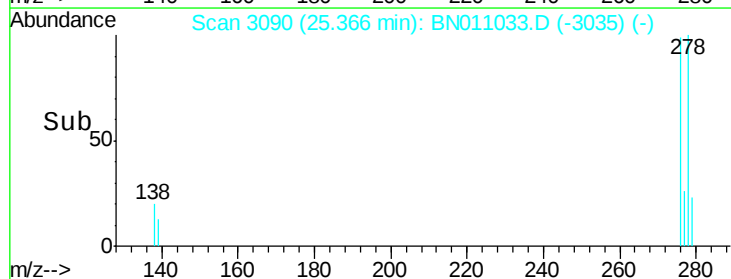
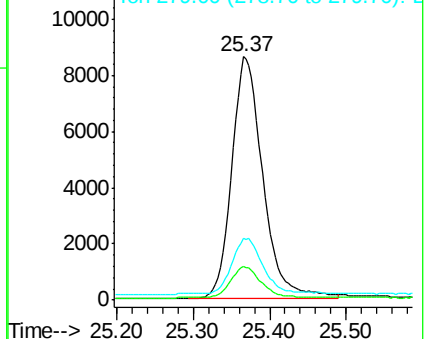
278 100

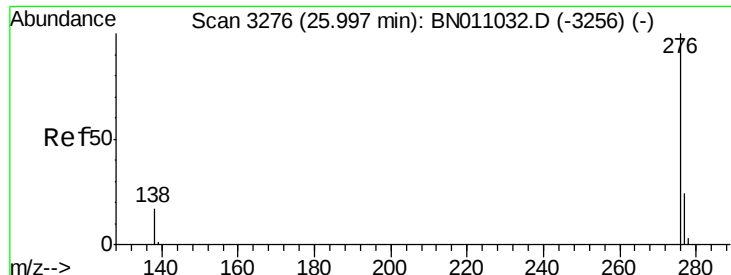
139 13.7 11.2 16.8

279 25.5 22.6 34.0



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





#41

Benzo(a,h,i)perylene

Concen: 0.994 ng

RT: 25.99 min Scan# 3272

Delta R.T. -0.01 min

Lab File: BN011033.D

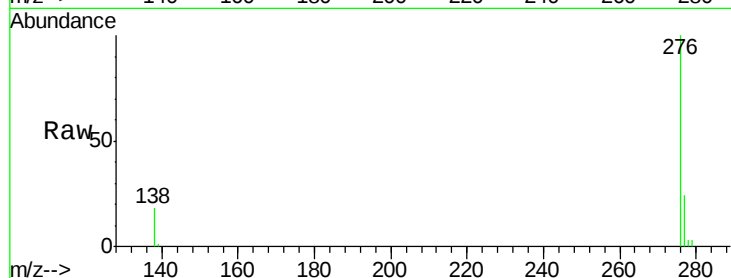
Acq: 23 Jun 2020 16:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8



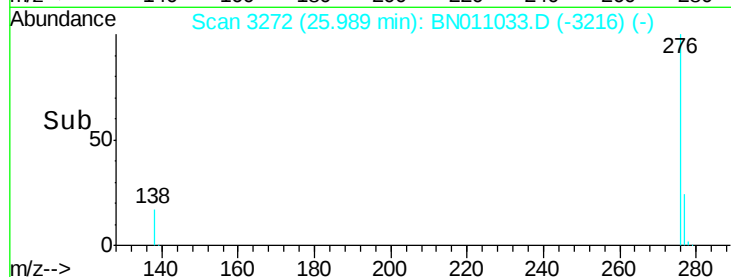
Tot Ion: 276 Resp: 25948

Ion Ratio Lower Upper

276 100

277 24.4 20.4 30.6

138 17.6 15.1 22.7



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

