

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
 Data File : BN010322.D
 Acq On : 24 Mar 2020 11:34
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4

Quant Time: Mar 31 02:32:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 15:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3728	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	12752	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	7368	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	17568	0.40	ng	0.00
27) Chrysene-d12	21.19	240	17752	0.40	ng	0.00
34) Perylene-d12	23.35	264	16915	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	2807	0.38	ng	0.00
5) Phenol-d6	6.80	99	3500	0.38	ng	0.00
8) Nitrobenzene-d5	8.74	82	3107	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	9008	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	990	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	11779	0.42	ng	0.00
25) Fluoranthene-d10	19.02	212	23004	0.43	ng	0.00
29) Terphenyl-d14	19.63	244	15730	0.41	ng	0.00

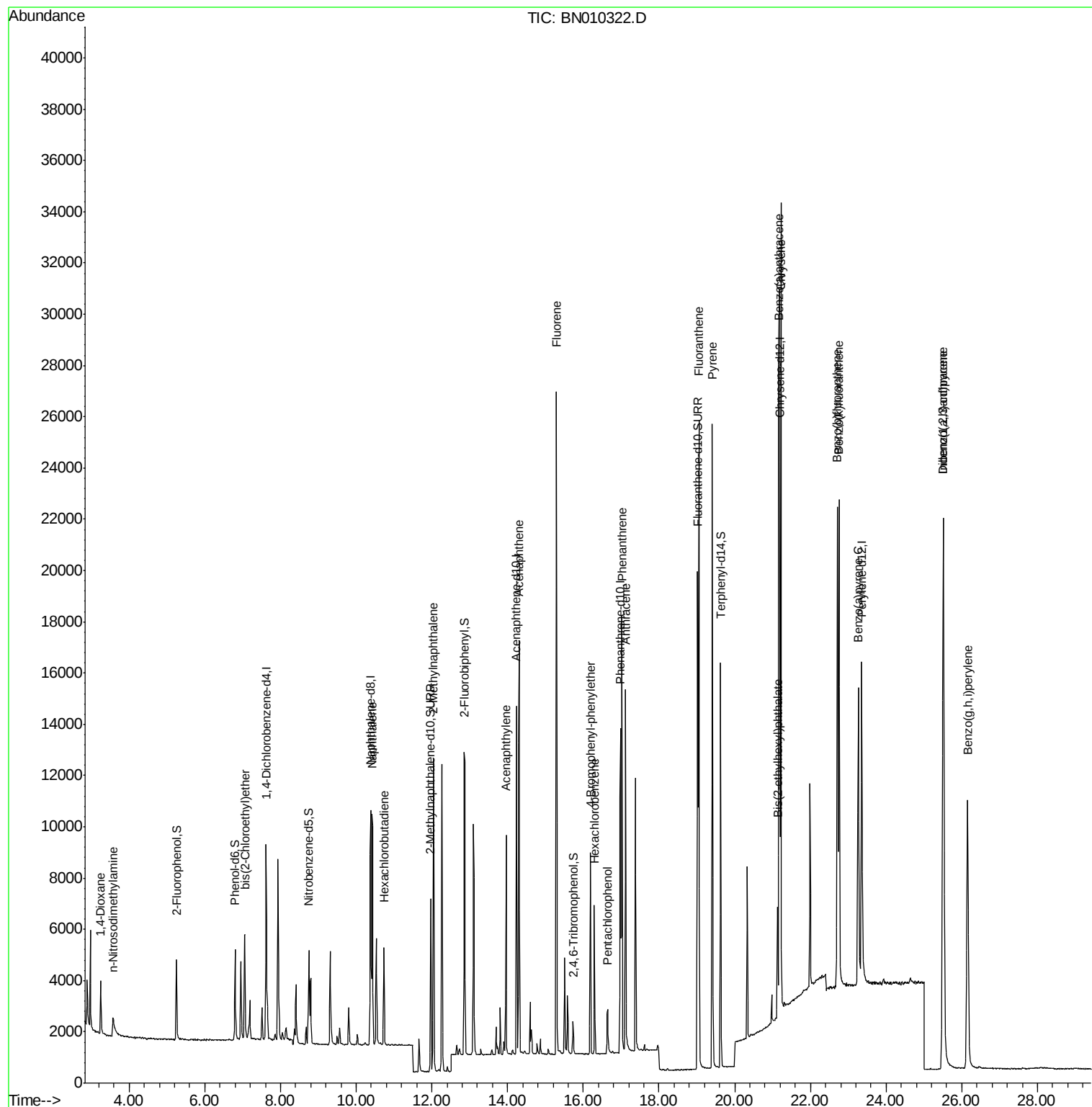
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.25	88	1393	0.398	ng	99
3) n-Nitrosodimethylamine	3.57	42	814	0.275	ng	94
6) bis(2-Chloroethyl)ether	7.06	93	3641	0.413	ng	97
9) Naphthalene	10.42	128	12838	0.404	ng	98
10) Hexachlorobutadiene	10.73	225	3229	0.419	ng	# 99
12) 2-Methylnaphthalene	12.05	142	8753	0.397	ng	100
16) Acenaphthylene	13.96	152	10631	0.368	ng	100
17) Acenaphthene	14.30	154	8272	0.402	ng	98
18) Fluorene	15.29	166	10940	0.400	ng	100
20) 4-Bromophenyl-phenylether	16.19	248	4042	0.379	ng	# 92
21) Hexachlorobenzene	16.31	284	4722	0.431	ng	99
22) Pentachlorophenol	16.65	266	1119	0.299	ng	98
23) Phenanthrene	17.03	178	19403	0.402	ng	100
24) Anthracene	17.11	178	15141	0.367	ng	99
26) Fluoranthene	19.05	202	23273	0.393	ng	100
28) Pyrene	19.41	202	22933	0.415	ng	100
30) Benzo(a)anthracene	21.16	228	20979	0.371	ng	98
31) Chrysene	21.22	228	25057	0.413	ng	98
32) Bis(2-ethylhexyl)phthalate	21.13	149	5664	0.297	ng	98
33) Indeno(1,2,3-cd)pyrene	25.50	276	26022	0.401	ng	99
35) Benzo(b)fluoranthene	22.71	252	24199	0.421	ng	99
36) Benzo(k)fluoranthene	22.76	252	23934	0.409	ng	97
37) Benzo(a)pyrene	23.26	252	18860	0.389	ng	98
38) Dibenzo(a,h)anthracene	25.52	278	21365	0.408	ng	98
39) Benzo(g,h,i)perylene	26.15	276	22206	0.421	ng	99

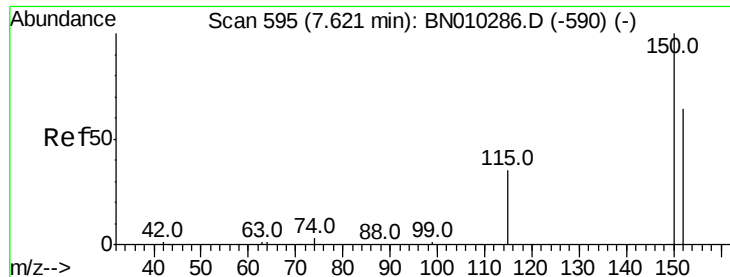
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
Data File : BN010322.D
Acq On : 24 Mar 2020 11:34
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 31 02:32:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:26:45 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.62 min Scan# 595

Delta R.T. -0.00 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

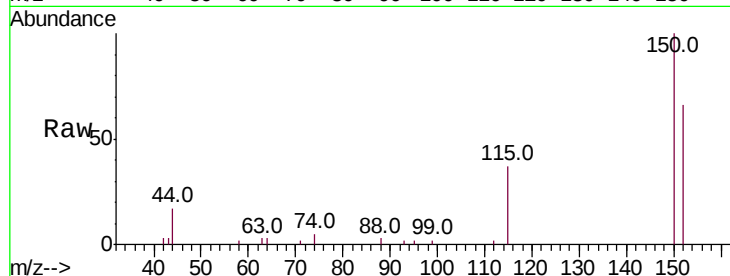
Tot Ion:152 Resp: 3728

Ion Ratio Lower Upper

152 100

150 150.8 123.1 184.7

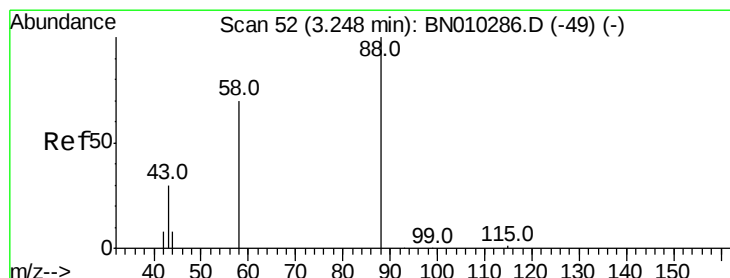
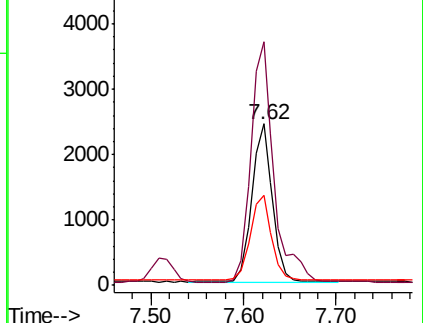
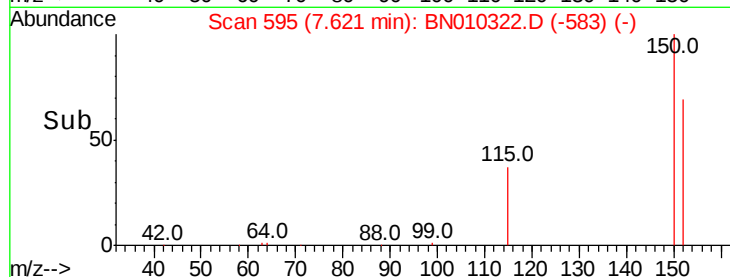
115 55.6 45.2 67.8



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: 0.398 ng

RT: 3.25 min Scan# 52

Delta R.T. -0.00 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

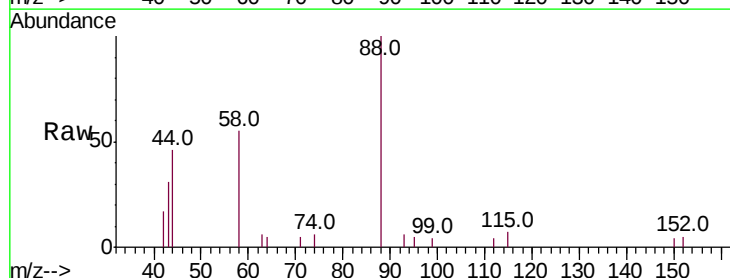
Tgt Ion: 88 Resp: 1393

Ion Ratio Lower Upper

88 100

58 64.9 51.7 77.5

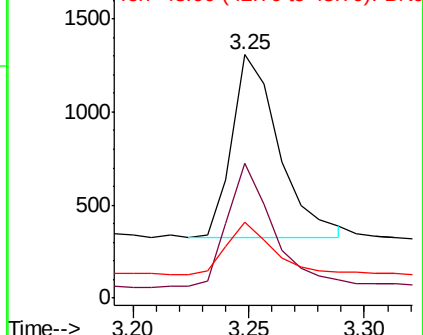
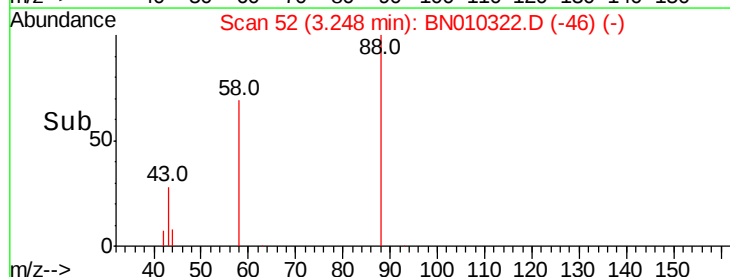
43 27.8 21.2 31.8

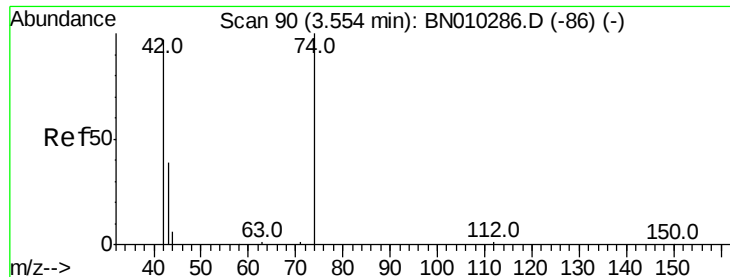


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



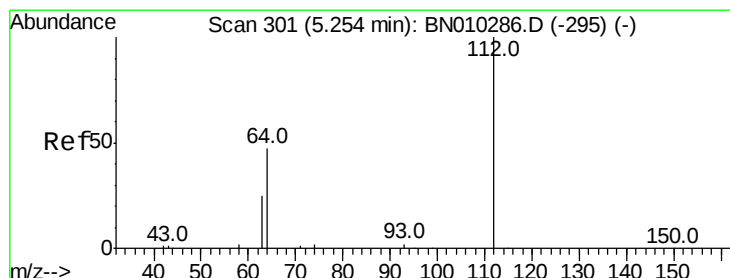
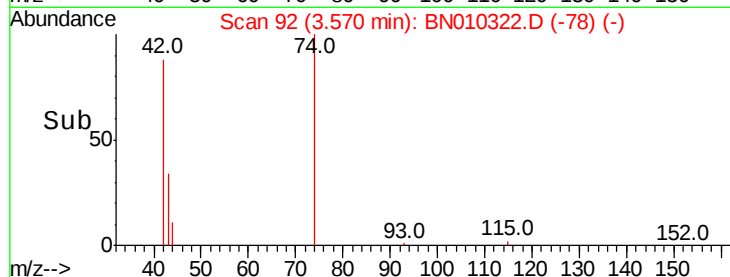
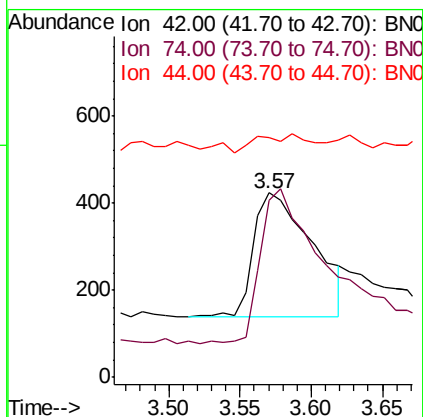
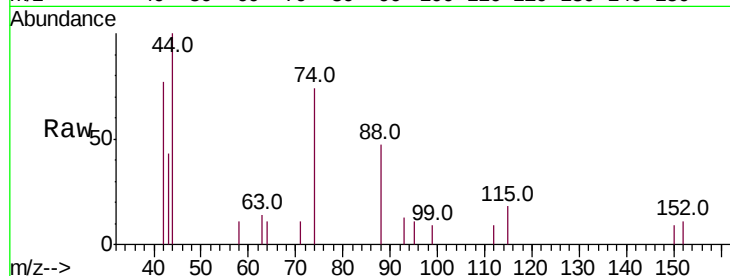


#3

n-Nitrosodimethylamine
 Concen: 0.275 ng
 RT: 3.57 min Scan# 92
 Delta R.T. 0.02 min
 Lab File: BN010322.D
 Acq: 24 Mar 2020 11:34

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

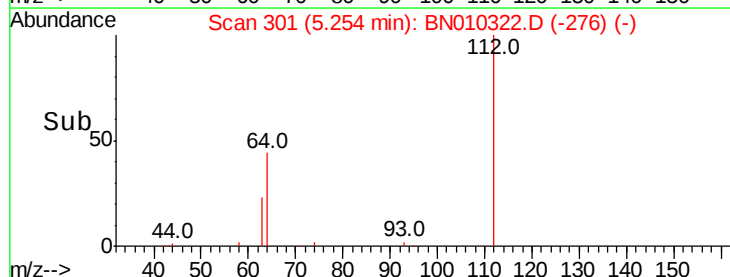
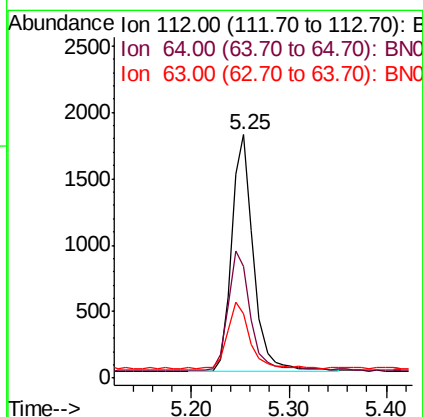
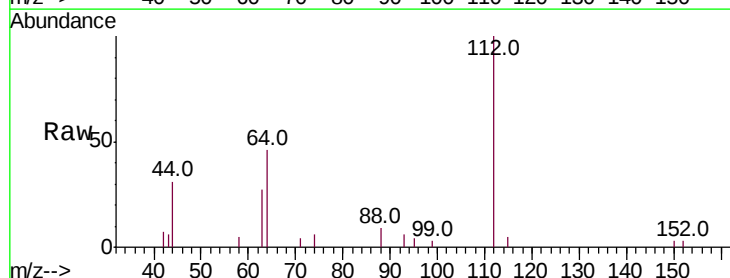
Tot Ion: 42 Resp: 814
 Ion Ratio Lower Upper
 42 100
 74 117.7 99.4 149.0
 44 7.1 4.8 7.2

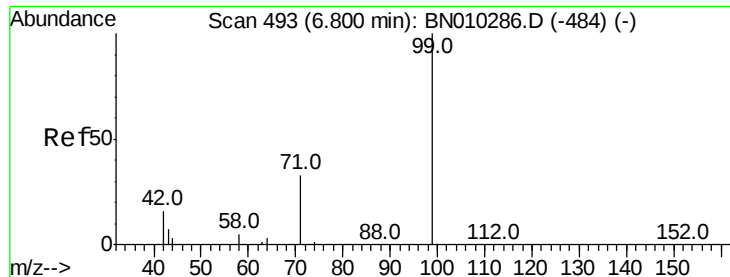


#4

2-Fluorophenol
 Concen: 0.380 ng
 RT: 5.25 min Scan# 301
 Delta R.T. -0.00 min
 Lab File: BN010322.D
 Acq: 24 Mar 2020 11:34

Tgt Ion: 112 Resp: 2807
 Ion Ratio Lower Upper
 112 100
 64 51.9 41.4 62.2
 63 28.0 22.9 34.3





#5

Phenol-d6

Concen: 0.381 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.00 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

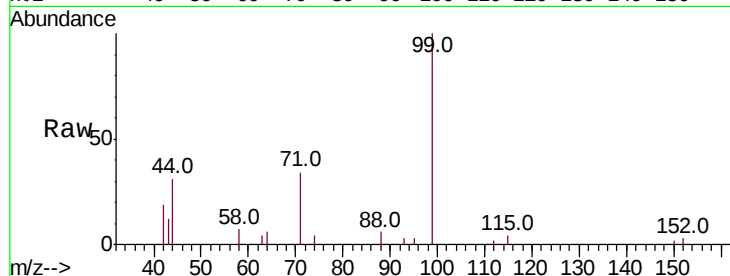
Tot Ion: 99 Resp: 3500

Ion Ratio Lower Upper

99 100

42 18.8 14.8 22.2

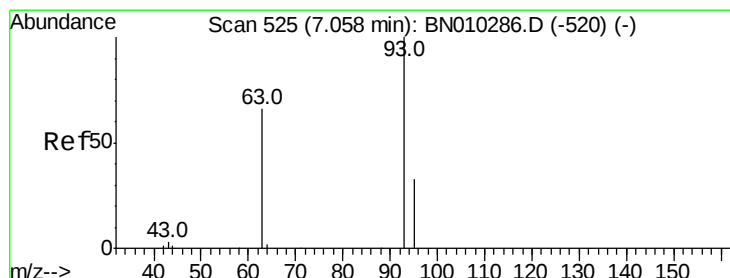
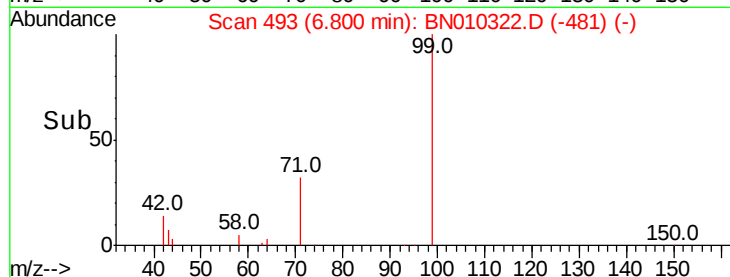
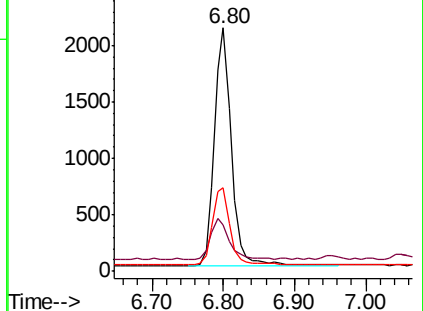
71 34.1 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010322.D (-500) (-)

Ion 42.00 (41.70 to 42.70): BN010322.D (-500) (-)

Ion 71.00 (70.70 to 71.70): BN010322.D (-500) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.413 ng

RT: 7.06 min Scan# 525

Delta R.T. -0.00 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

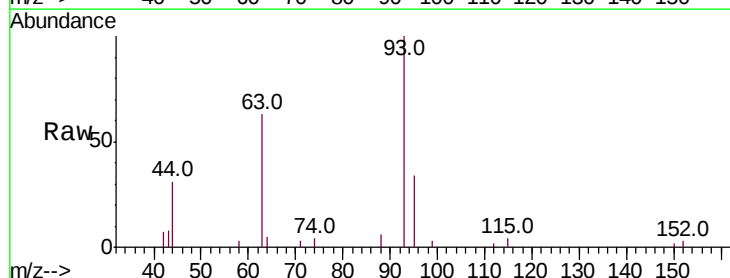
Tgt Ion: 93 Resp: 3641

Ion Ratio Lower Upper

93 100

63 66.7 55.6 83.4

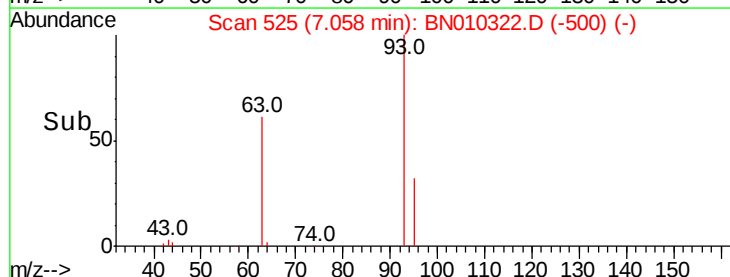
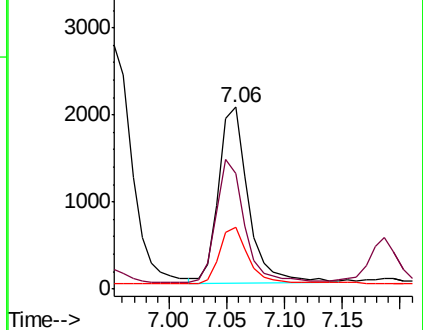
95 31.5 26.2 39.4

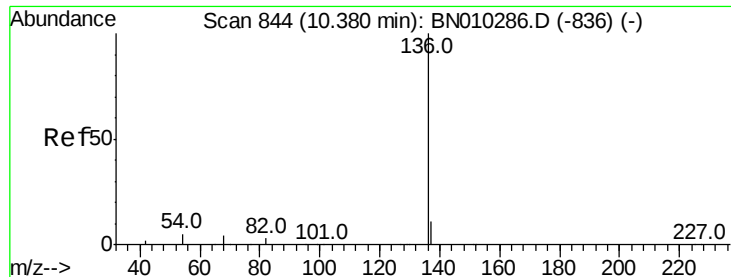


Abundance Ion 93.00 (92.70 to 93.70): BN010322.D (-500) (-)

Ion 63.00 (62.70 to 63.70): BN010322.D (-500) (-)

Ion 95.00 (94.70 to 95.70): BN010322.D (-500) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 12752

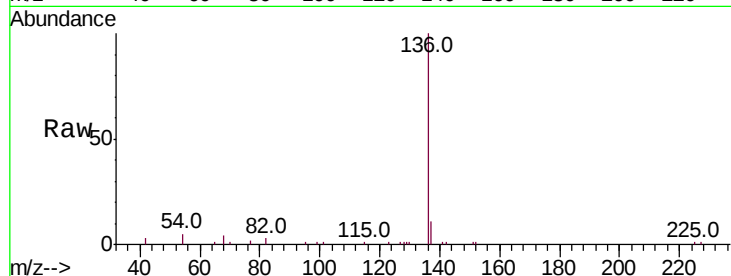
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 4.6 4.8 7.2#

68 4.4 4.1 6.1

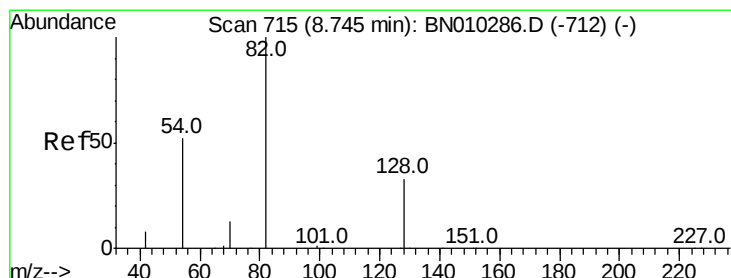
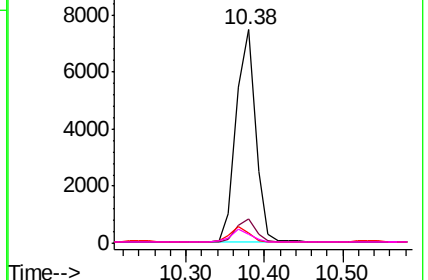
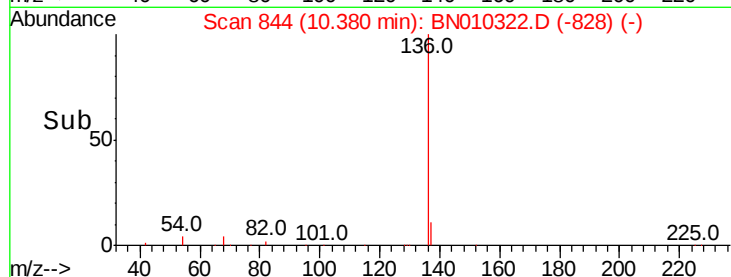


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.380 ng

RT: 8.74 min Scan# 715

Delta R.T. -0.00 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

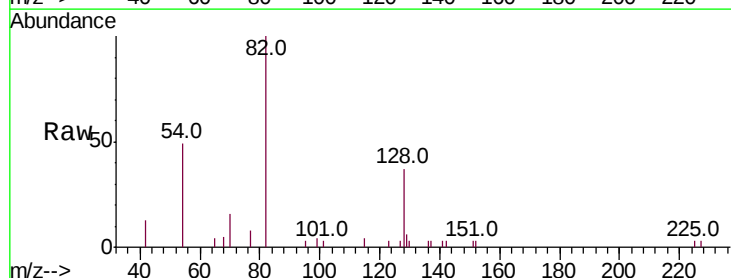
Tgt Ion: 82 Resp: 3107

Ion Ratio Lower Upper

82 100

128 37.3 28.8 43.2

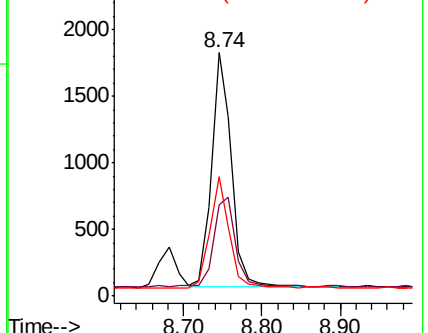
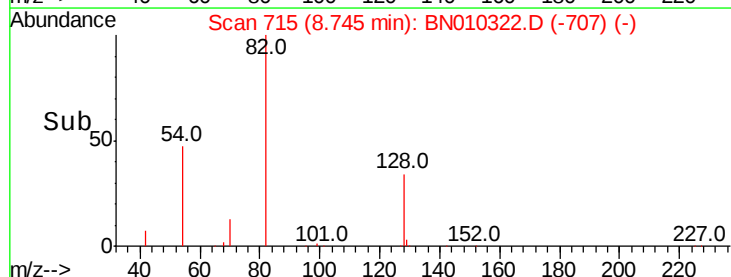
54 49.1 42.1 63.1

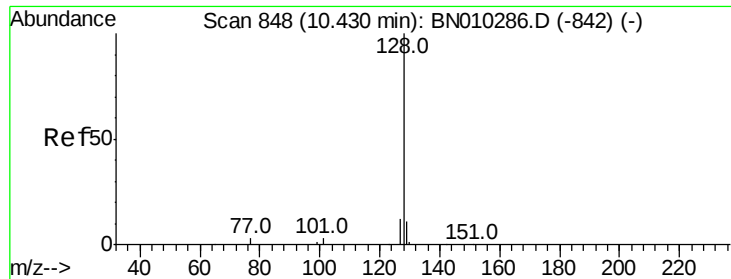


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.404 ng

RT: 10.42 min Scan# 847

Delta R.T. -0.01 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

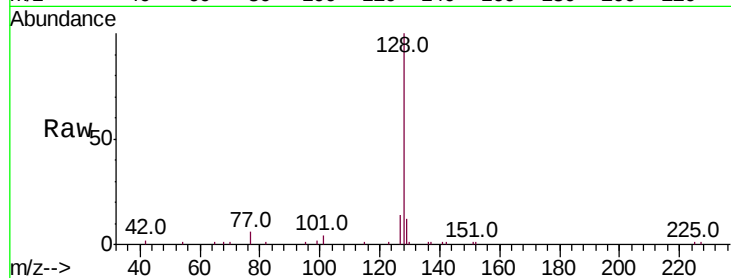
Tot Ion:128 Resp: 12838

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

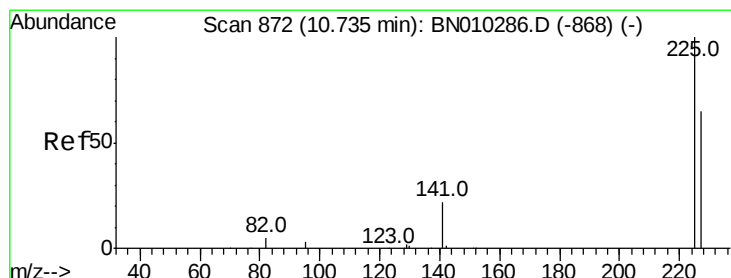
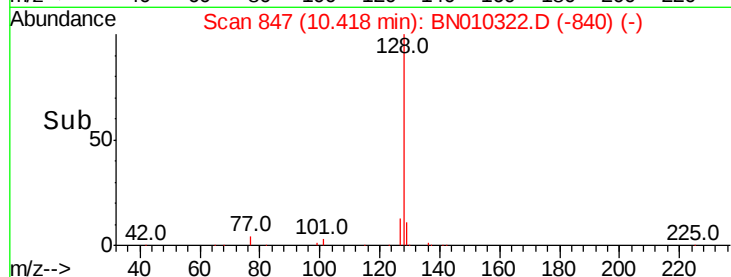
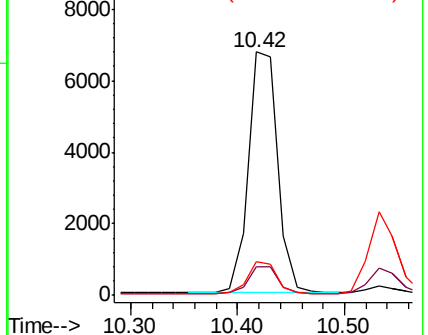
127 13.9 10.4 15.6



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: 0.419 ng

RT: 10.73 min Scan# 872

Delta R.T. -0.00 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

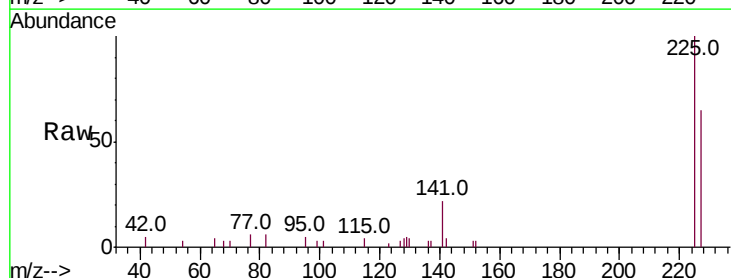
Tgt Ion:225 Resp: 3229

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

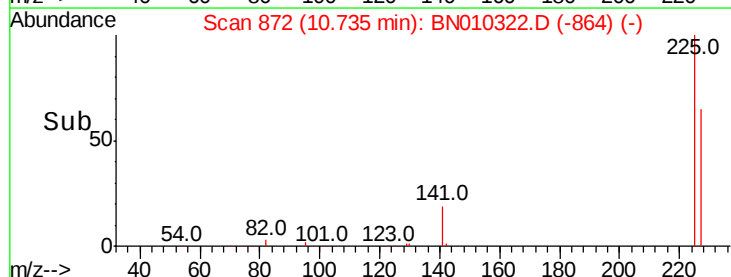
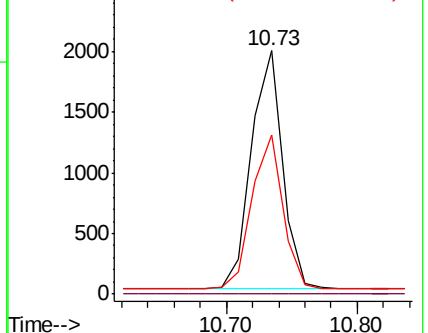
227 63.9 51.9 77.9

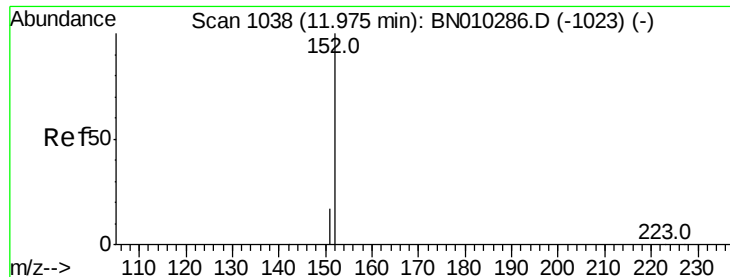


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.443 ng

RT: 11.97 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

Instrument :

BNA_N

ClientSampleId :

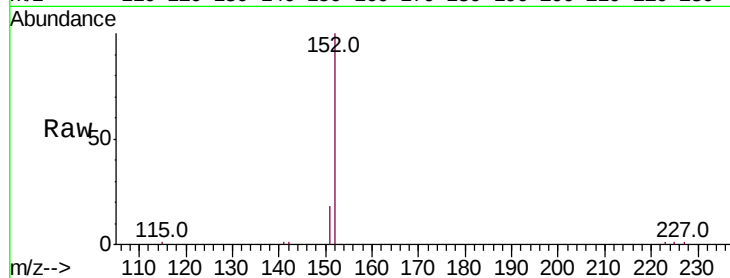
SSTDCCC0.4

Tot Ion:152 Resp: 9008

Ion Ratio Lower Upper

152 100

151 19.4 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

6000

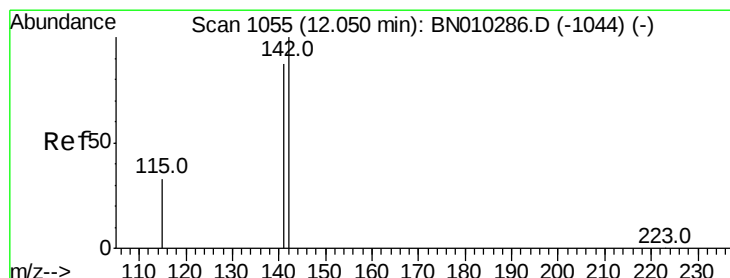
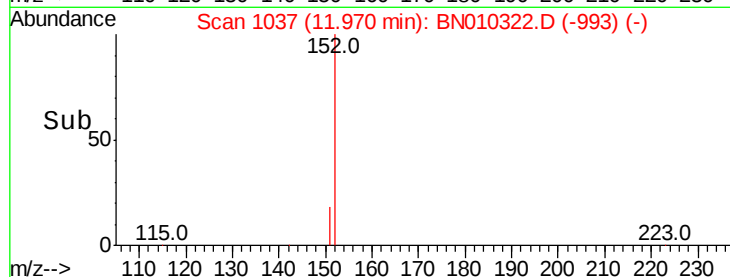
4000

2000

0

11.90 12.00 12.10

Time-->



#12

2-Methylnaphthalene

Concen: 0.397 ng

RT: 12.05 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

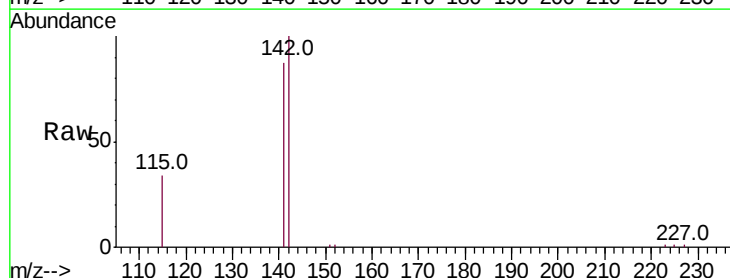
Tgt Ion:142 Resp: 8753

Ion Ratio Lower Upper

142 100

141 86.7 69.5 104.3

115 34.4 27.5 41.3



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

6000

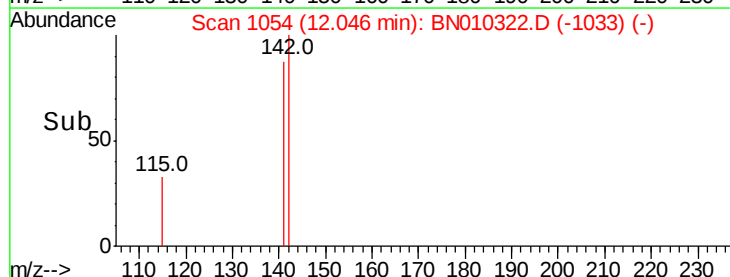
4000

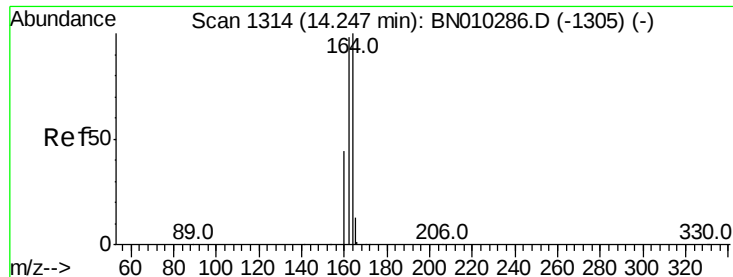
2000

0

12.00 12.10

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

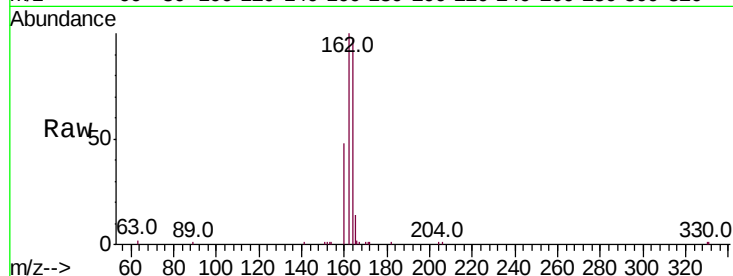
Tot Ion:164 Resp: 7368

Ion Ratio Lower Upper

164 100

162 102.9 78.2 117.2

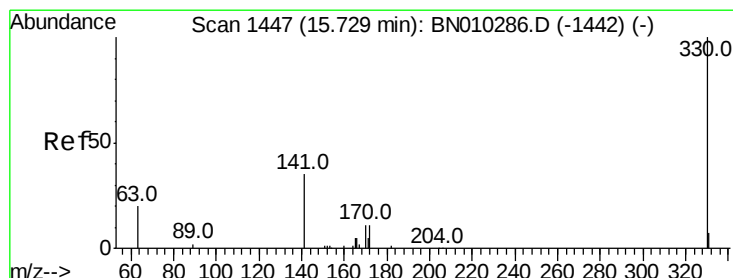
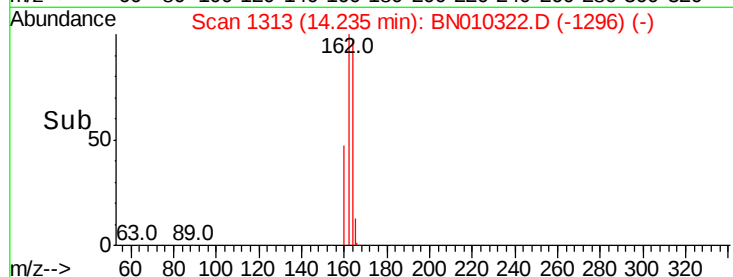
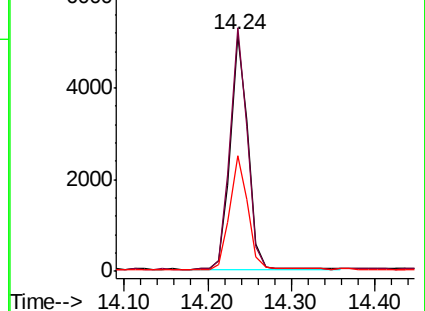
160 48.9 35.8 53.6



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: 0.350 ng

RT: 15.73 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

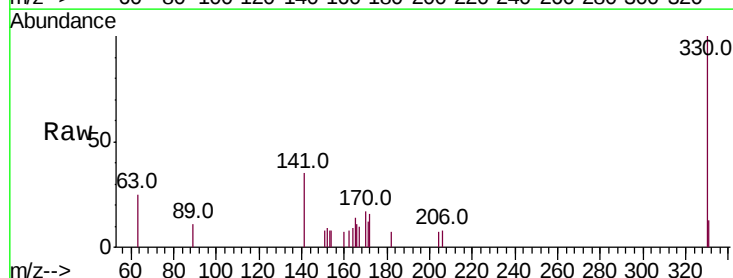
Tgt Ion:330 Resp: 990

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

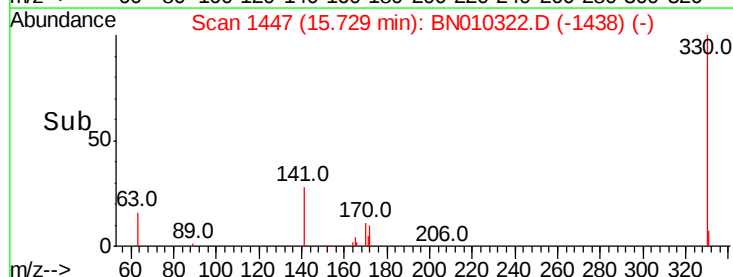
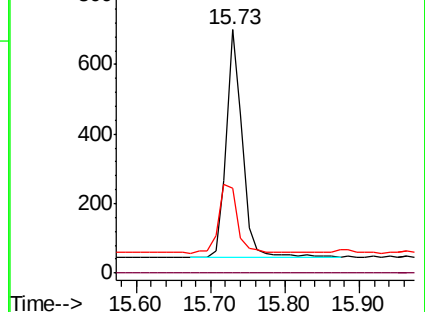
141 34.5 29.3 43.9

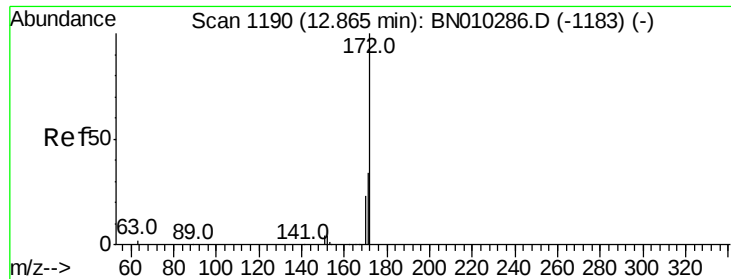


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

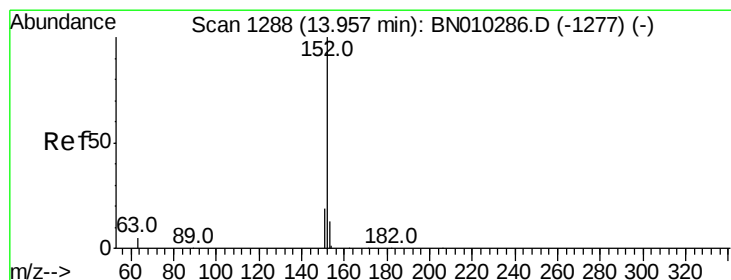
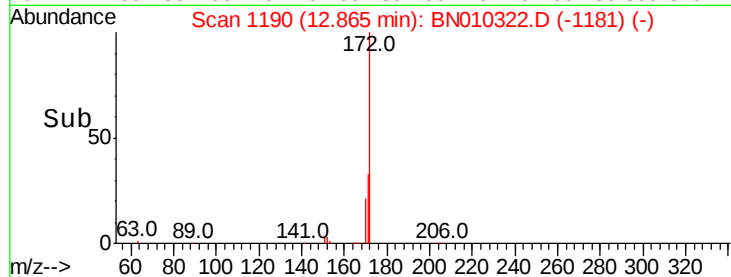
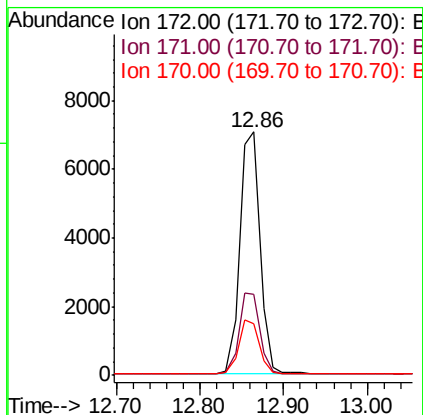
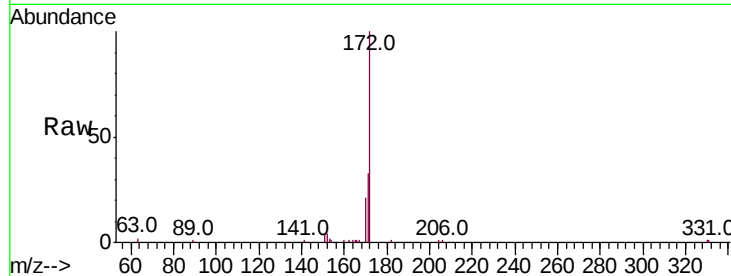




#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

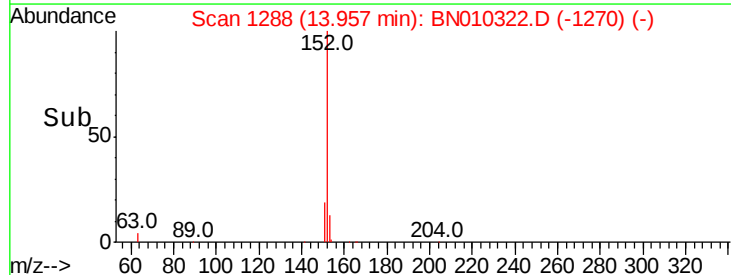
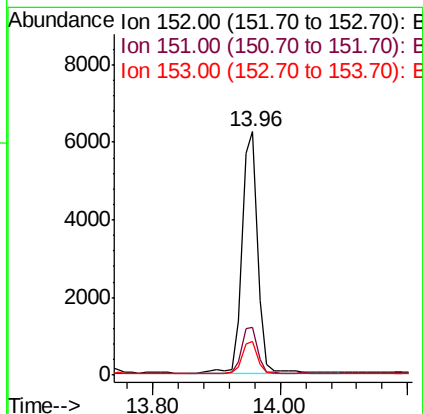
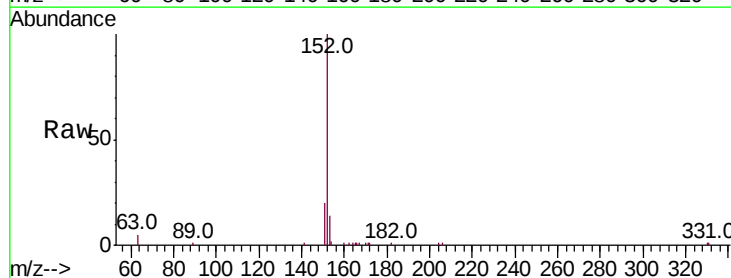
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

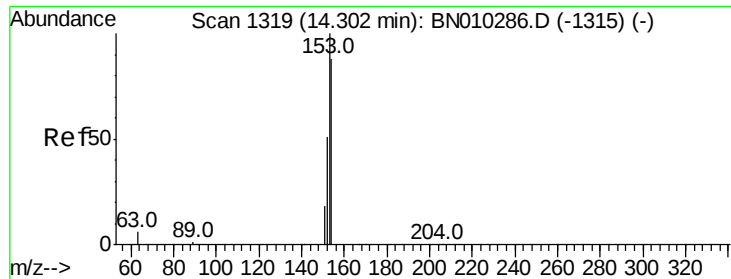
Tot Ion:172 Resp: 11779
Ion Ratio Lower Upper
172 100
171 33.3 27.6 41.4
170 21.1 18.5 27.7



#16
Acenaphthylene
Concen: 0.368 ng
RT: 13.96 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Tgt Ion:152 Resp: 10631
Ion Ratio Lower Upper
152 100
151 19.3 15.6 23.4
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.402 ng

RT: 14.30 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

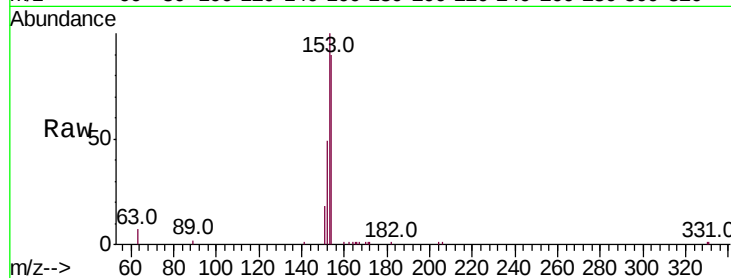
Tot Ion:154 Resp: 8272

Ion Ratio Lower Upper

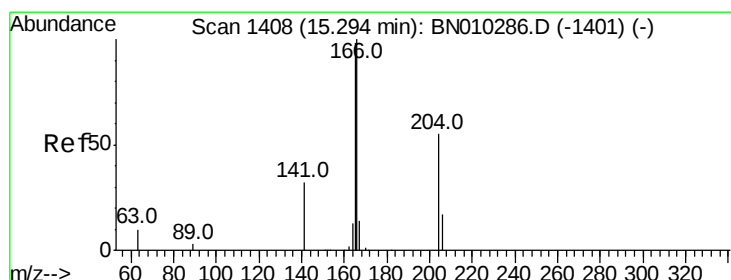
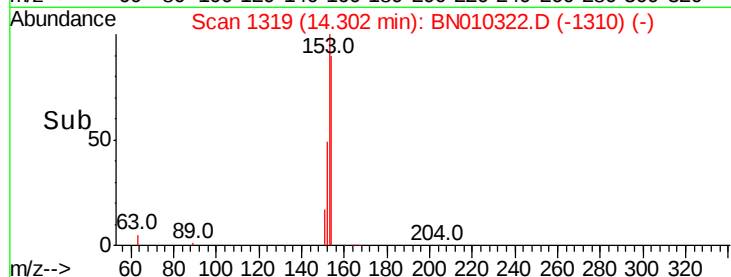
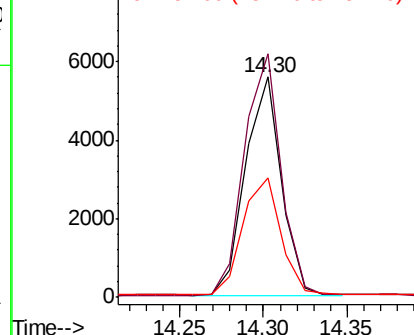
154 100

153 112.8 88.1 132.1

152 57.8 45.5 68.3



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: 0.400 ng

RT: 15.29 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

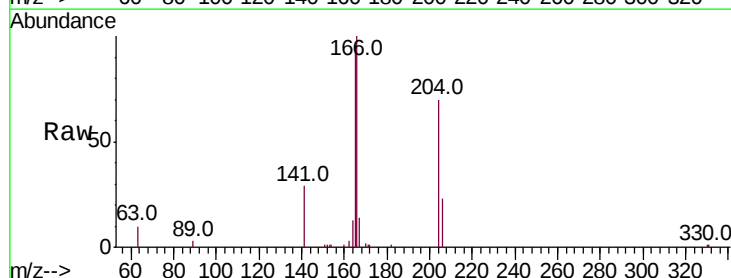
Tgt Ion:166 Resp: 10940

Ion Ratio Lower Upper

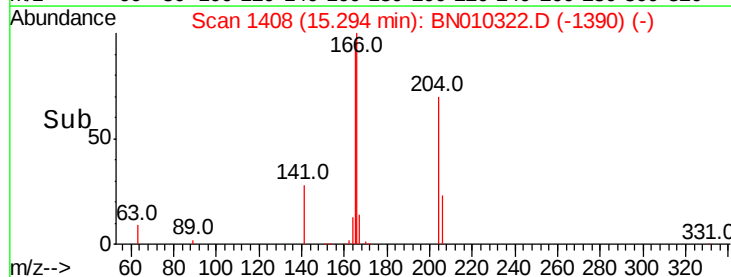
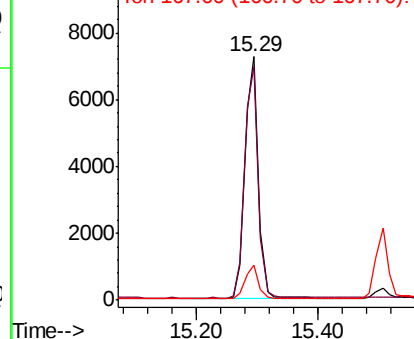
166 100

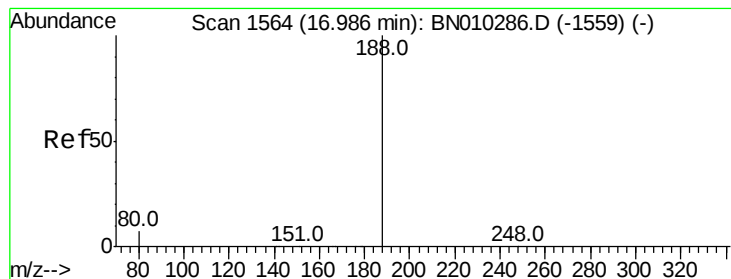
165 98.3 78.7 118.1

167 13.4 11.0 16.4



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: 16.99 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

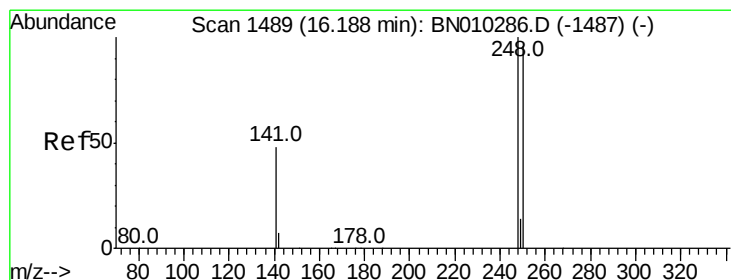
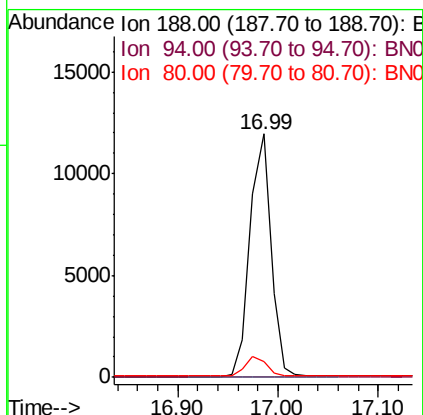
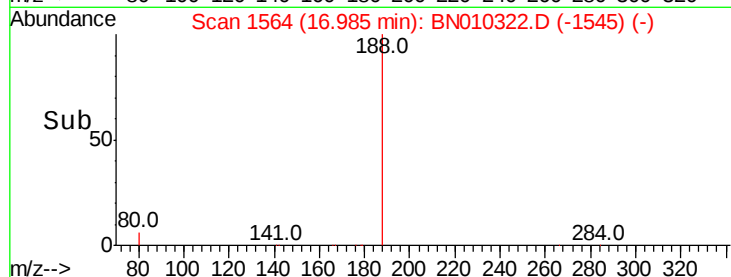
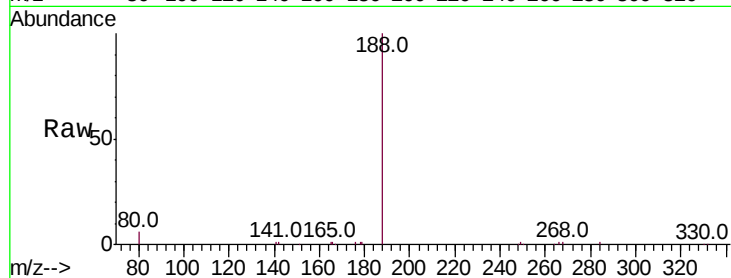
Tot Ion:188 Resp: 17568

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.3 6.0 9.0



#20

4-Bromophenyl-phenylether

Concen: 0.379 ng

RT: 16.19 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

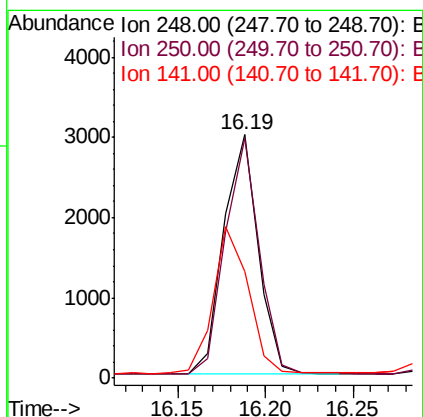
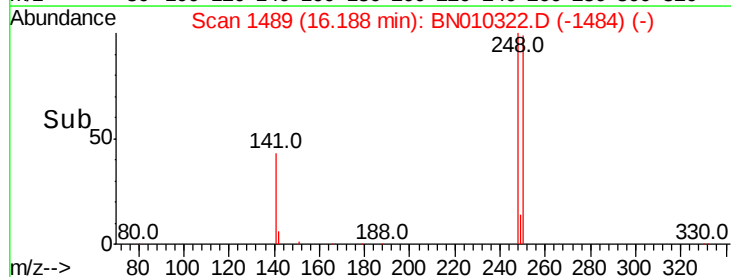
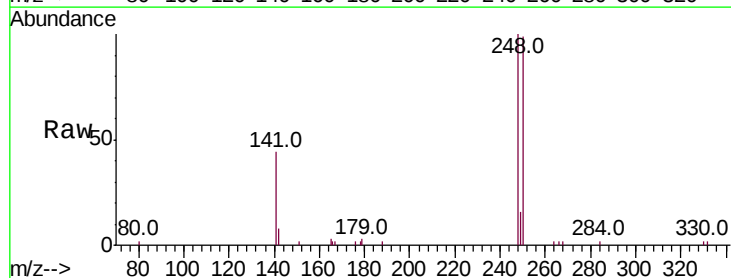
Tgt Ion:248 Resp: 4042

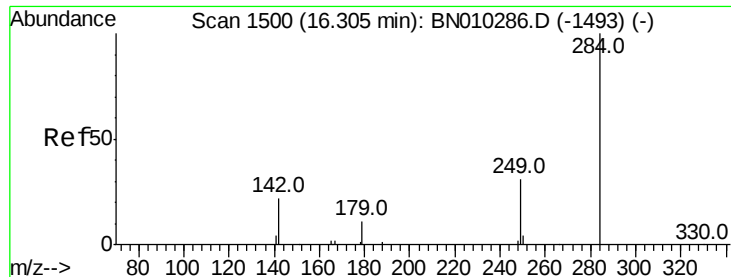
Ion Ratio Lower Upper

248 100

250 98.7 76.8 115.2

141 44.1 44.4 66.6#





#21

Hexachlorobenzene

Concen: 0.431 ng

RT: 16.31 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

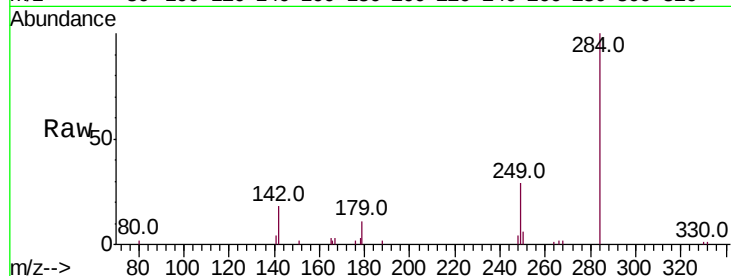
Tot Ion:284 Resp: 4722

Ion Ratio Lower Upper

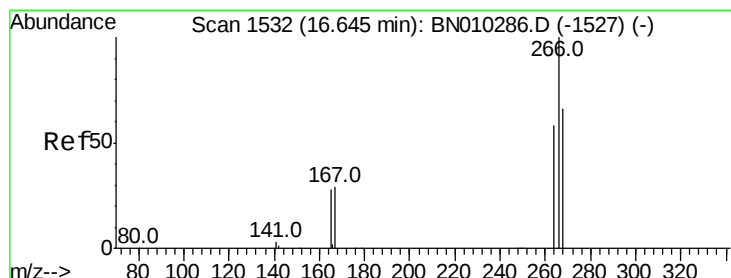
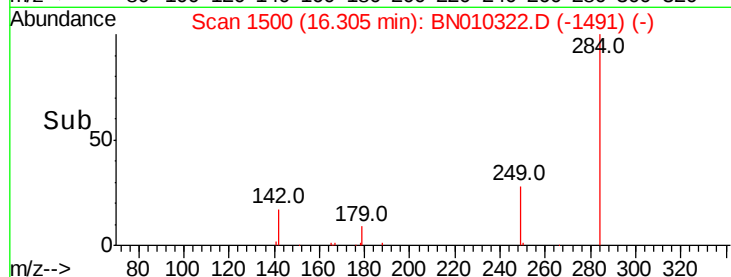
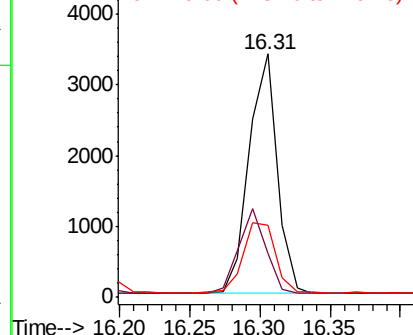
284 100

142 33.8 27.4 41.2

249 33.2 26.5 39.7



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: 0.299 ng

RT: 16.65 min Scan# 1532

Delta R.T. -0.00 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

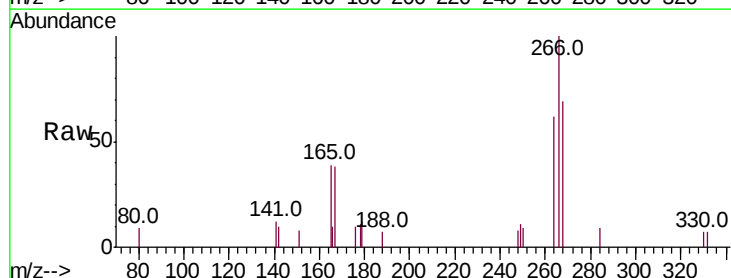
Tgt Ion:266 Resp: 1119

Ion Ratio Lower Upper

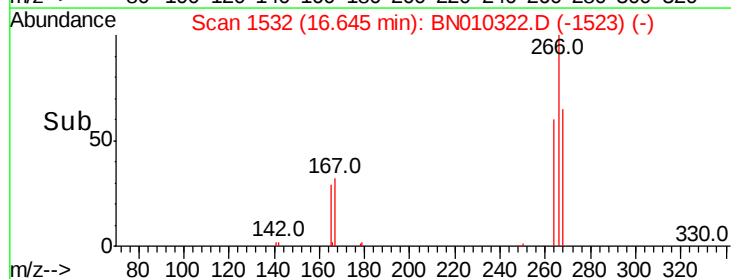
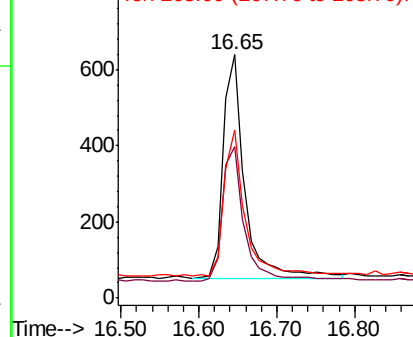
266 100

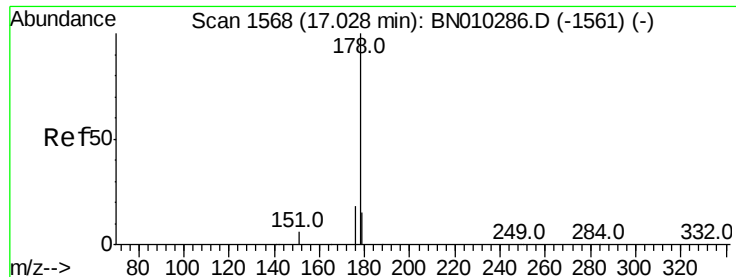
264 62.3 47.7 71.5

268 69.0 54.9 82.3



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: 0.402 ng

RT: 17.03 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

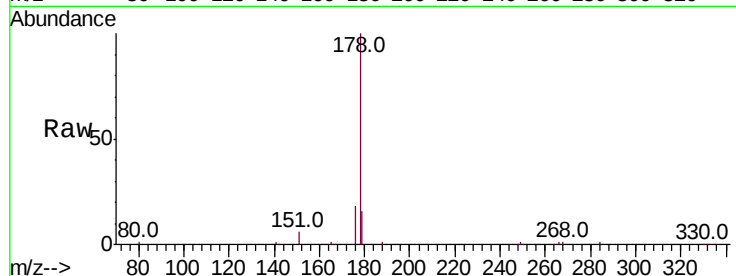
Tot Ion:178 Resp: 19403

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

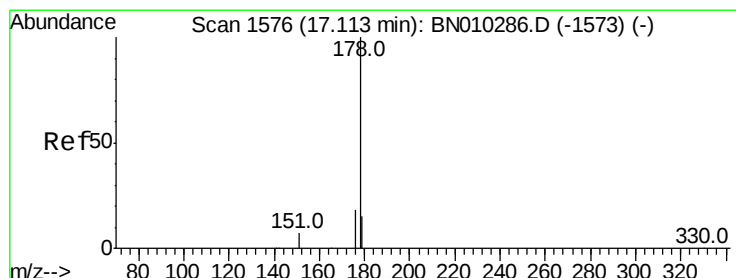
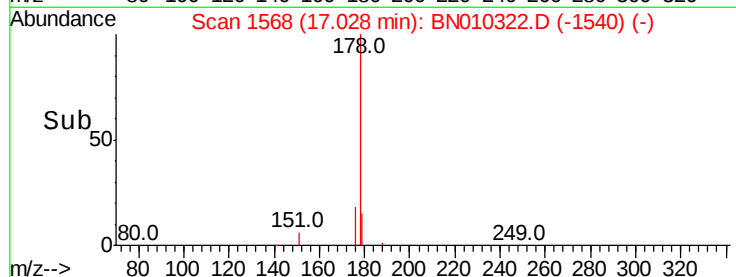
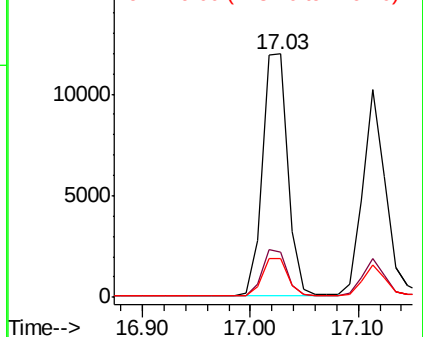
179 15.5 12.4 18.6



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: 0.367 ng

RT: 17.11 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

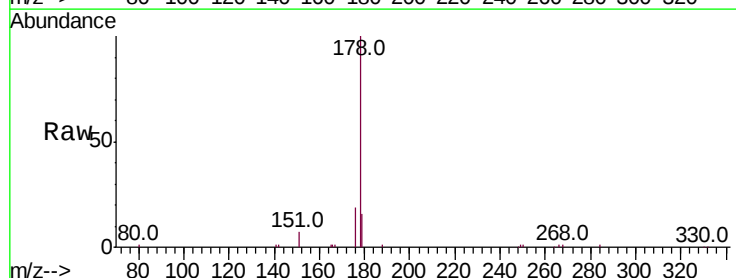
Tgt Ion:178 Resp: 15141

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

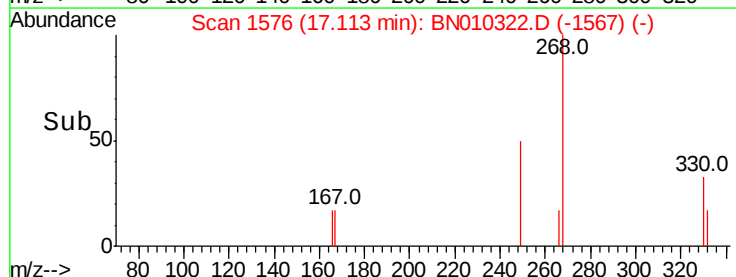
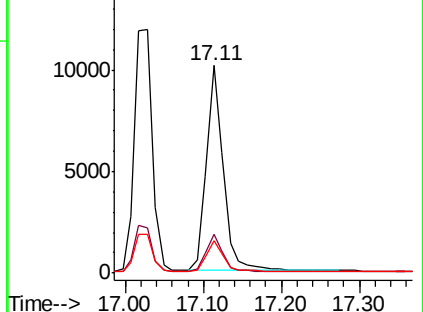
179 15.0 12.3 18.5

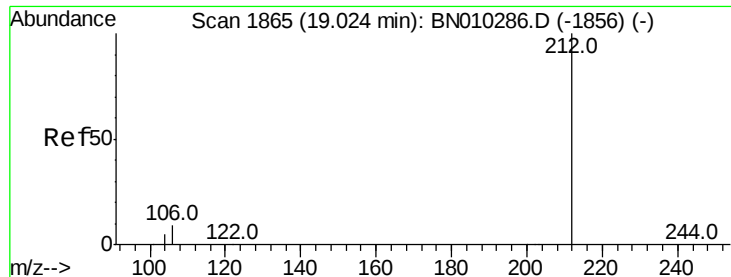


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.434 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

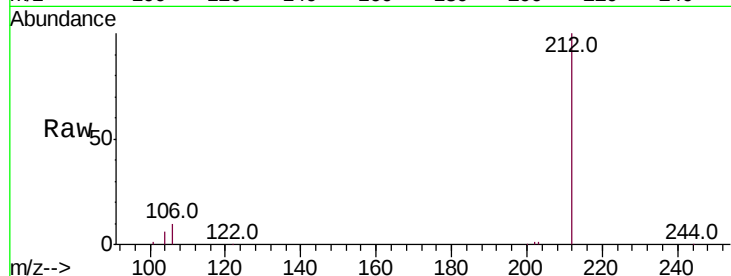
Tot Ion:212 Resp: 23004

Ion Ratio Lower Upper

212 100

106 9.4 7.4 11.2

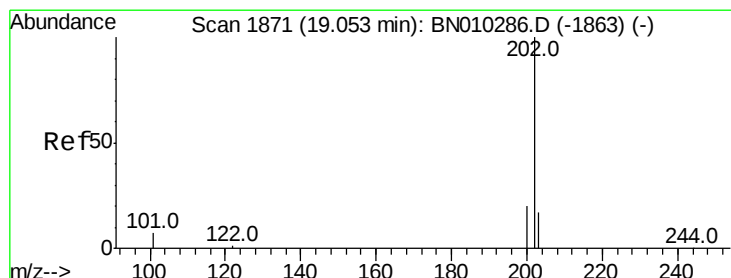
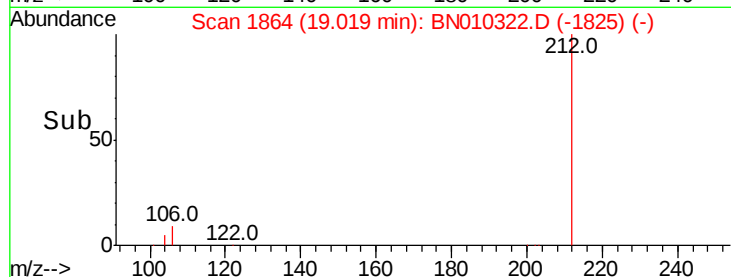
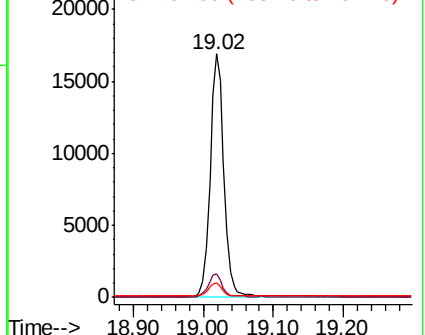
104 5.4 4.2 6.4



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: 0.393 ng

RT: 19.05 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

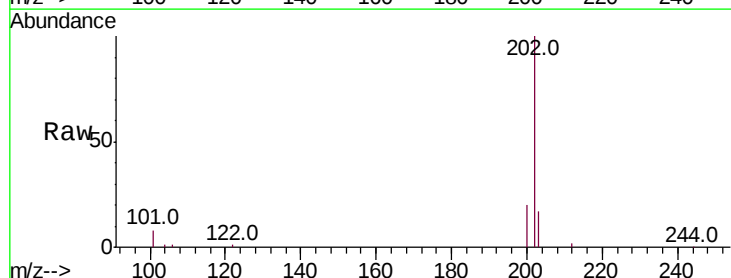
Tgt Ion:202 Resp: 23273

Ion Ratio Lower Upper

202 100

101 8.2 6.6 9.8

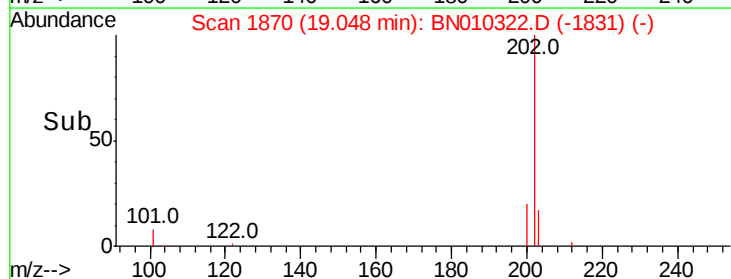
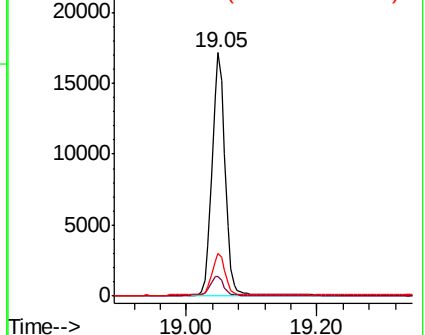
203 17.1 13.8 20.8

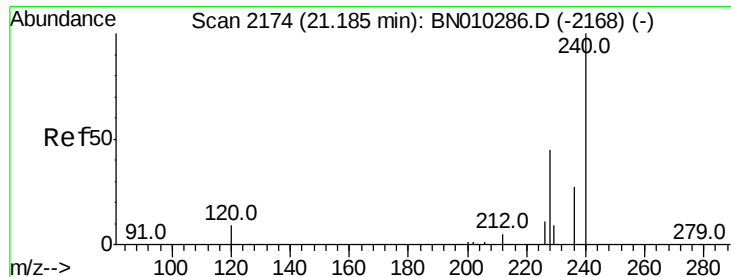


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

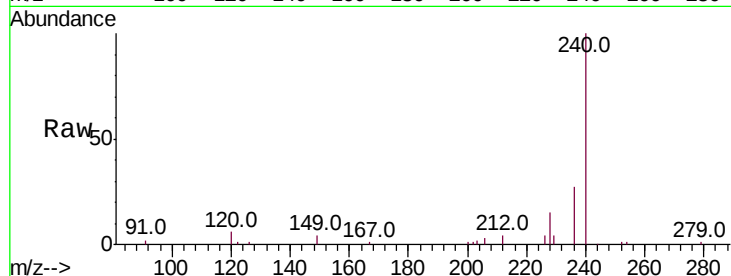




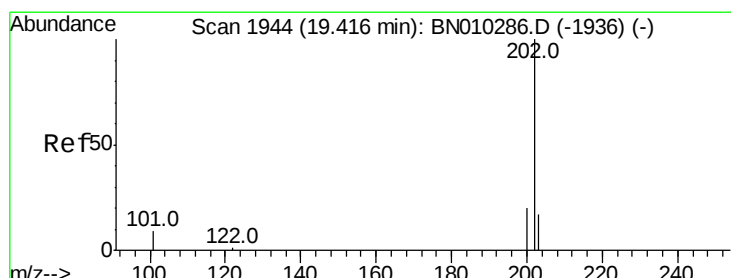
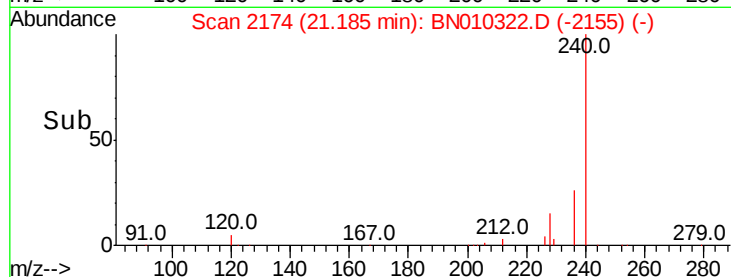
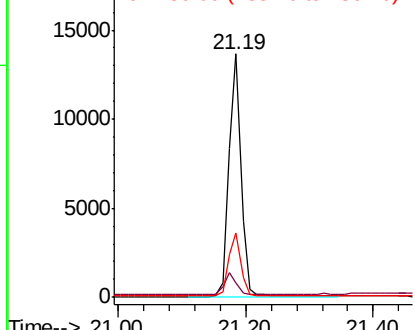
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:240 Resp: 17752
Ion Ratio Lower Upper
240 100
120 6.0 7.9 11.9#
236 26.7 22.2 33.4

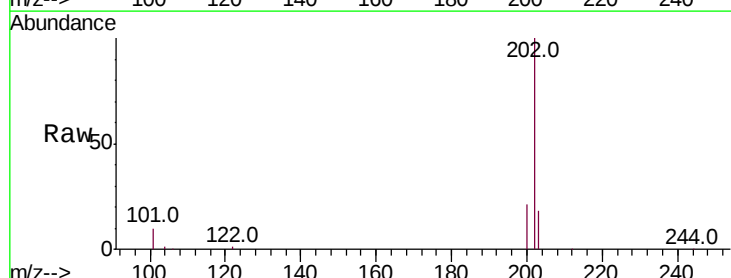


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

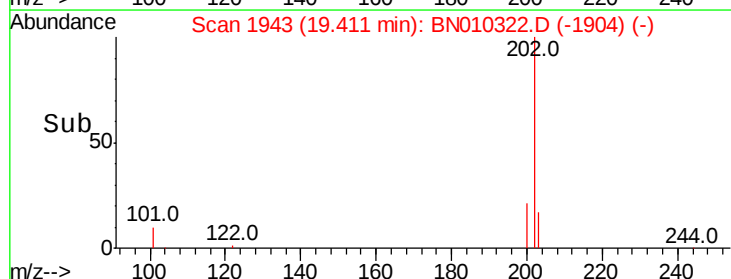
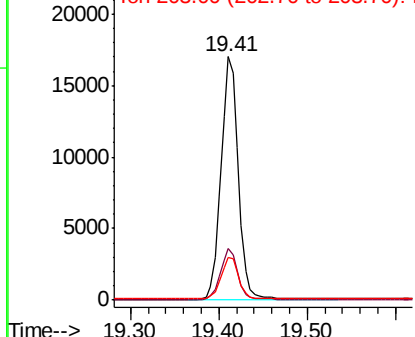


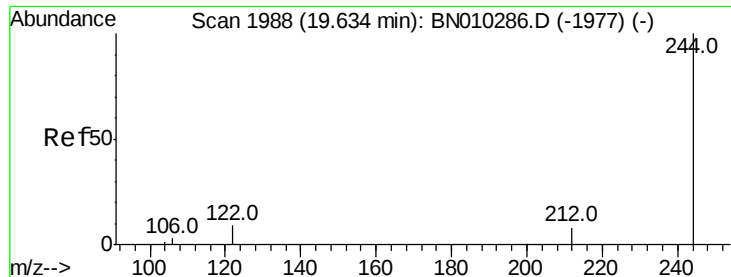
#28
Pyrene
Concen: 0.415 ng
RT: 19.41 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Tgt Ion:202 Resp: 22933
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.4
203 17.6 14.2 21.2



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: 0.410 ng

RT: 19.63 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

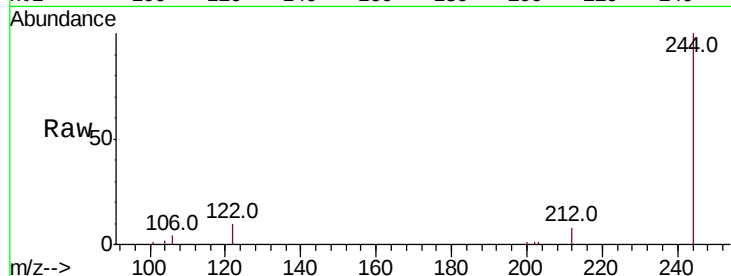
Tot Ion:244 Resp: 15730

Ion Ratio Lower Upper

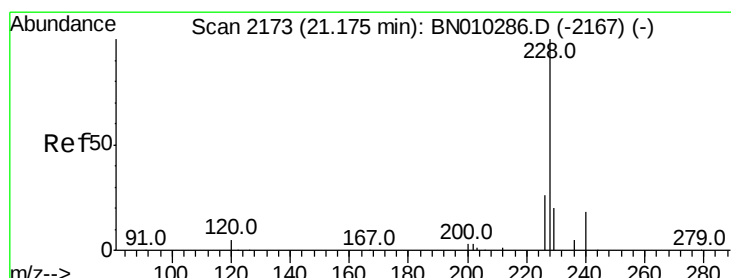
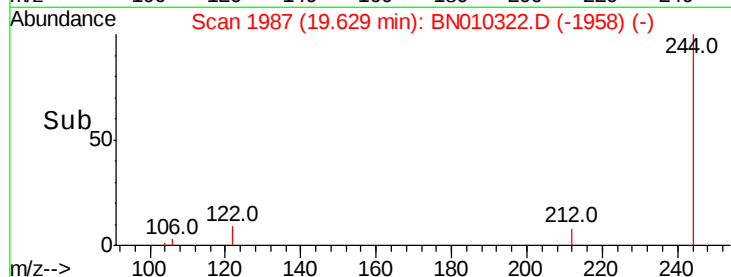
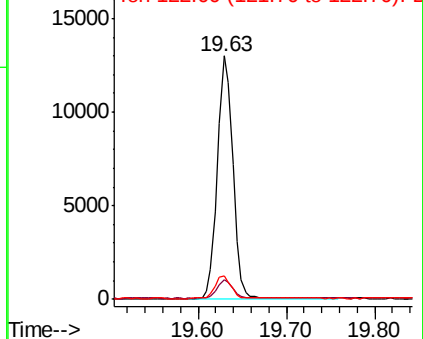
244 100

212 8.3 6.3 9.5

122 9.8 7.6 11.4



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: 0.371 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

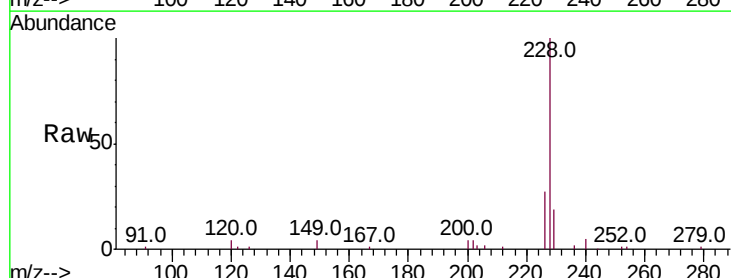
Tgt Ion:228 Resp: 20979

Ion Ratio Lower Upper

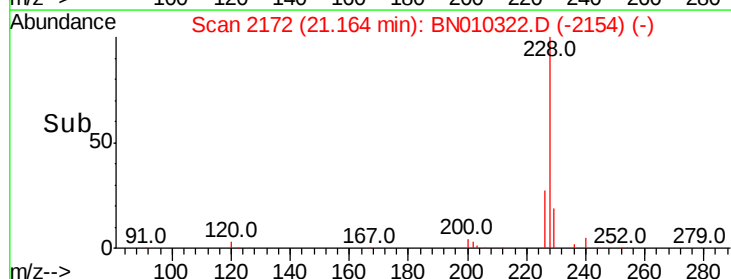
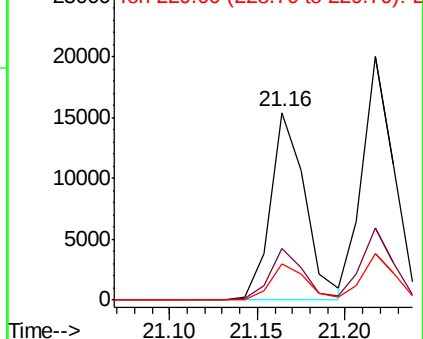
228 100

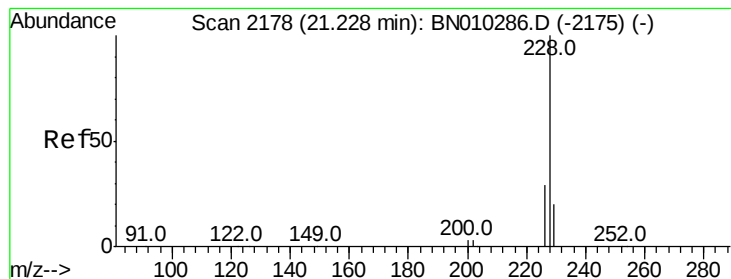
226 27.3 21.0 31.4

229 19.2 16.0 24.0



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: 0.413 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

Instrument :

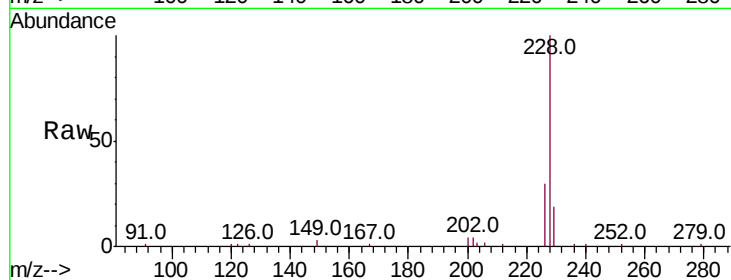
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 25057

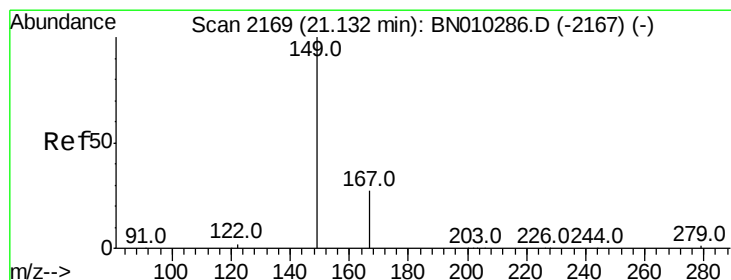
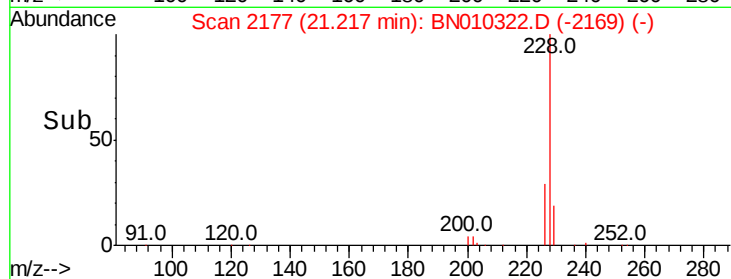
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.0	34.6
229	19.3	16.0	24.0



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: 0.297 ng

RT: 21.13 min Scan# 2169

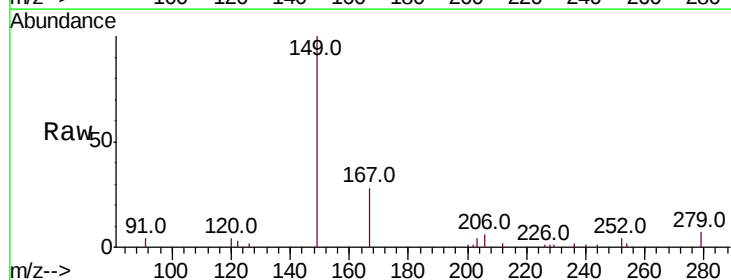
Delta R.T. -0.00 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

Tgt Ion:149 Resp: 5664

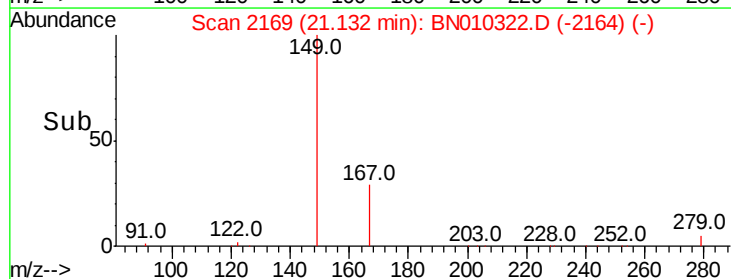
Ion	Ratio	Lower	Upper
149	100		
167	27.7	23.0	34.6
279	5.2	3.8	5.8

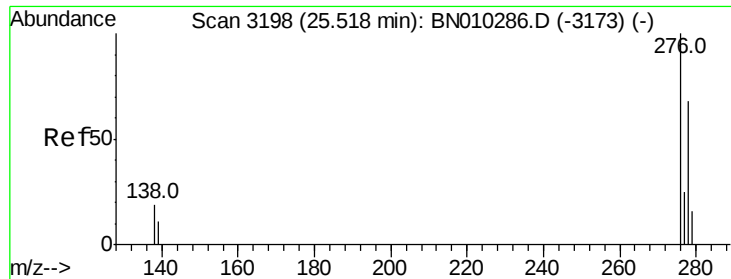


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

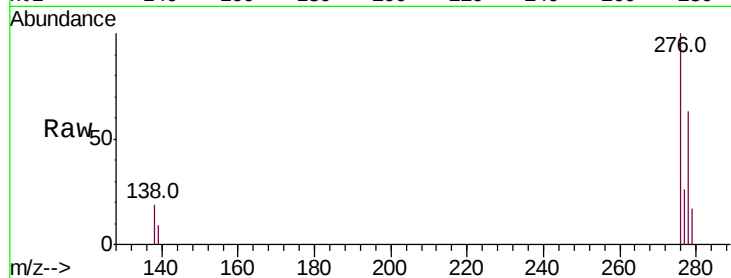




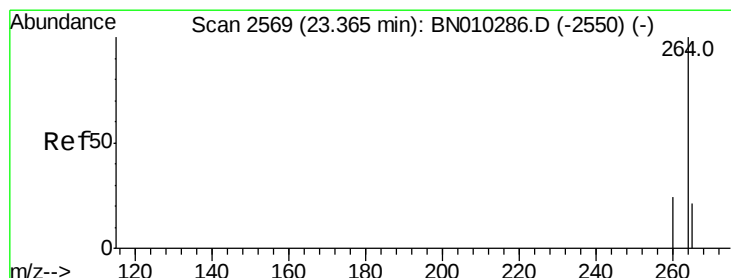
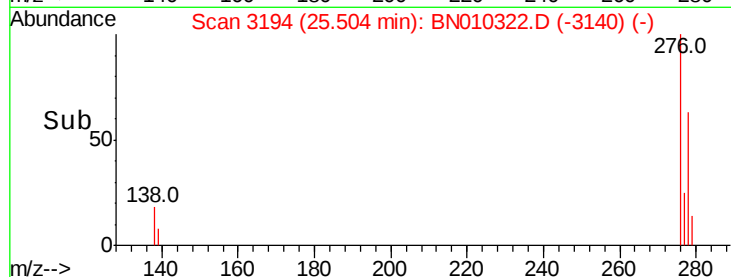
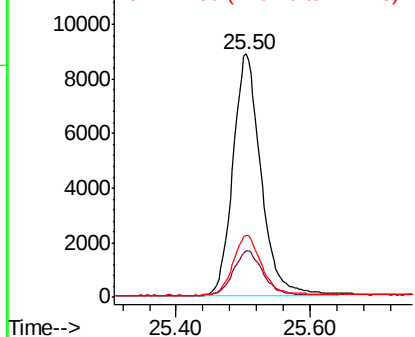
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.401 ng
 RT: 25.50 min Scan# 3194
 Delta R.T. -0.01 min
 Lab File: BN010322.D
 Acq: 24 Mar 2020 11:34

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:276 Resp: 26022
 Ion Ratio Lower Upper
 276 100
 138 19.1 15.6 23.4
 277 24.9 20.1 30.1

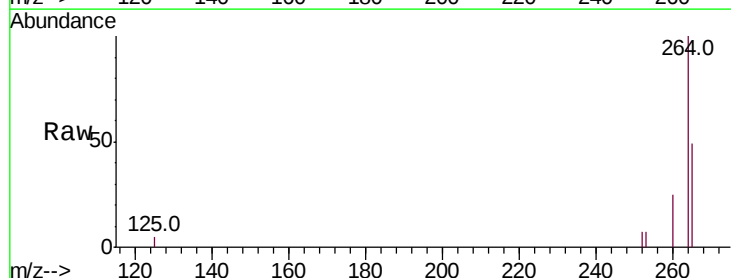


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

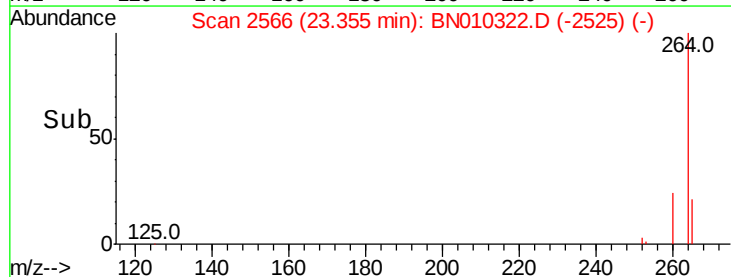
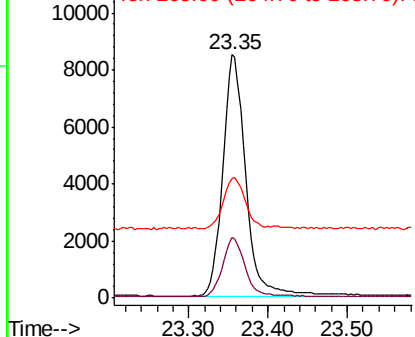


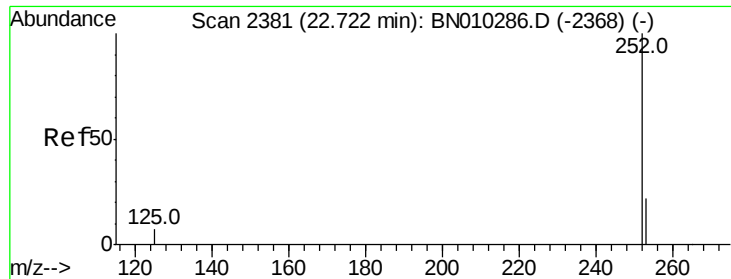
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.35 min Scan# 2566
 Delta R.T. -0.01 min
 Lab File: BN010322.D
 Acq: 24 Mar 2020 11:34

Tgt Ion:264 Resp: 16915
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 48.9 32.4 48.6#



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

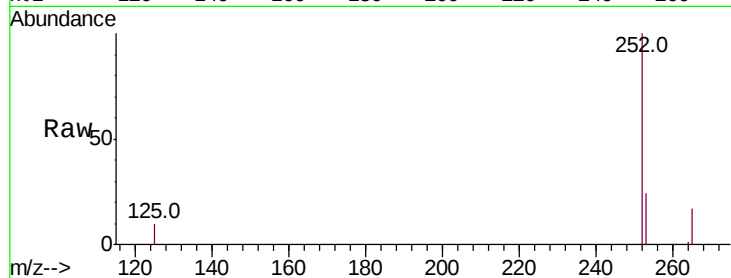




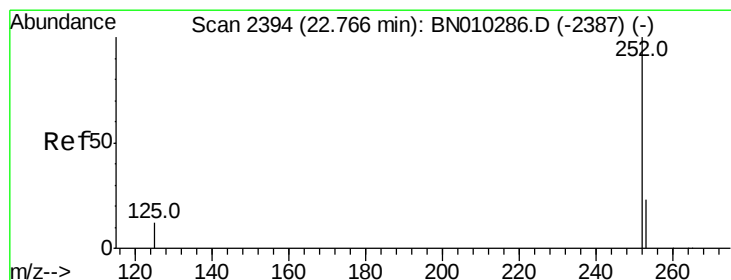
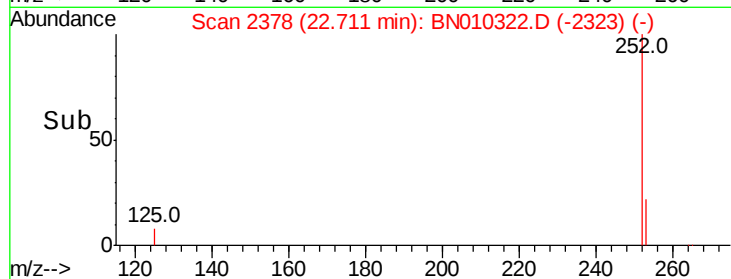
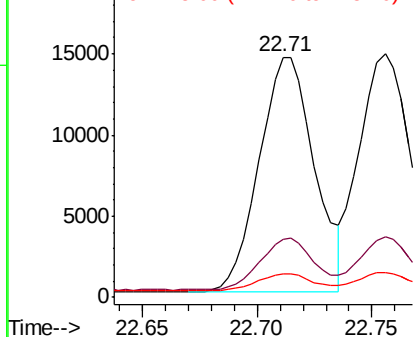
#35
Benzo(b)fluoranthene
Concen: 0.421 ng
RT: 22.71 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:252 Resp: 24199
Ion Ratio Lower Upper
252 100
253 24.3 19.2 28.8
125 10.0 7.4 11.0

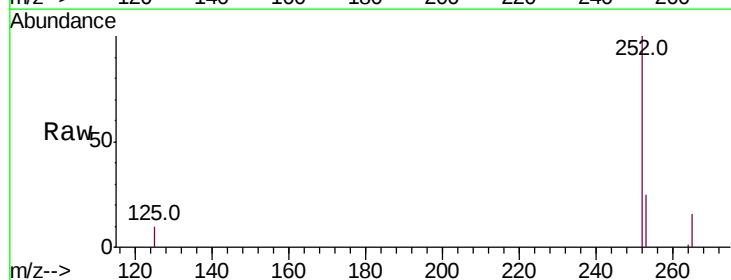


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

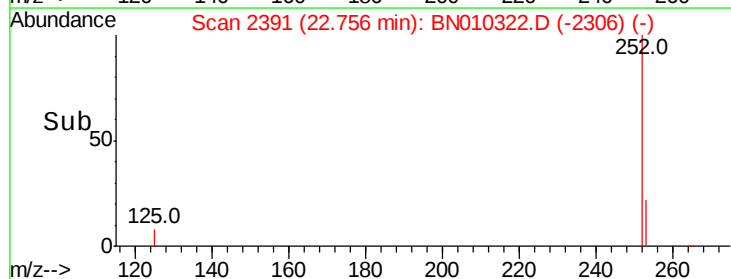
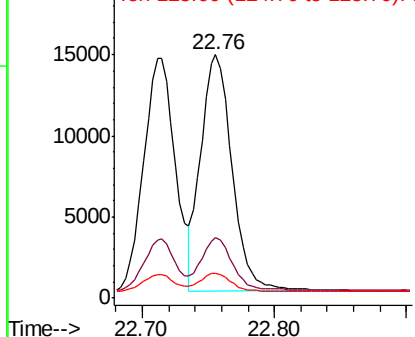


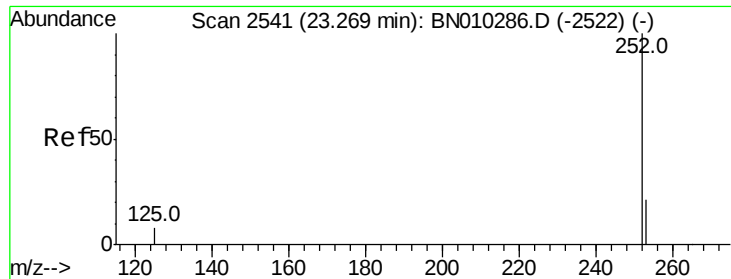
#36
Benzo(k)fluoranthene
Concen: 0.409 ng
RT: 22.76 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Tgt Ion:252 Resp: 23934
Ion Ratio Lower Upper
252 100
253 24.7 19.4 29.0
125 10.3 10.2 15.2



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: 0.389 ng

RT: 23.26 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

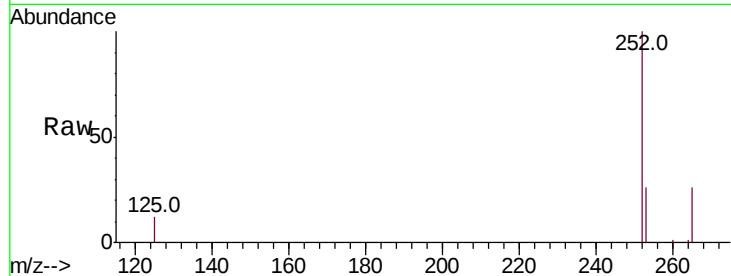
Tot Ion:252 Resp: 18860

Ion Ratio Lower Upper

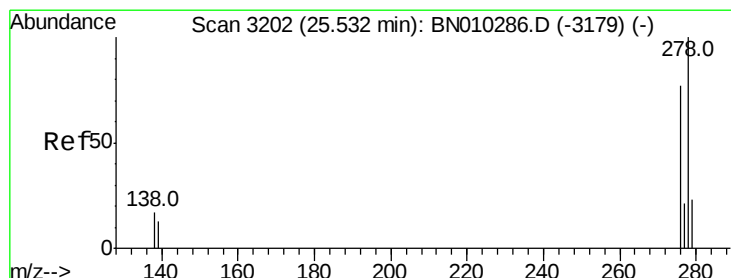
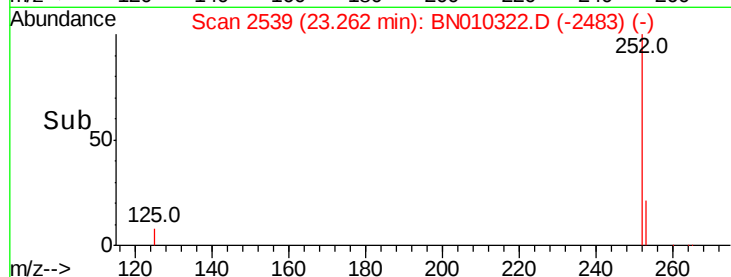
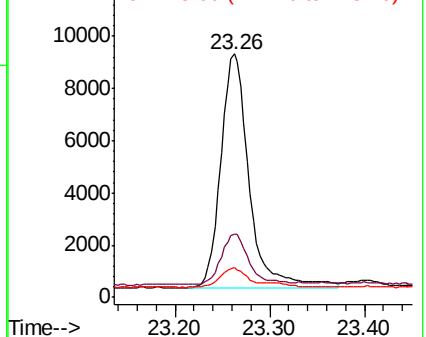
252 100

253 25.8 19.9 29.9

125 12.2 8.9 13.3



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: 0.408 ng

RT: 25.52 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

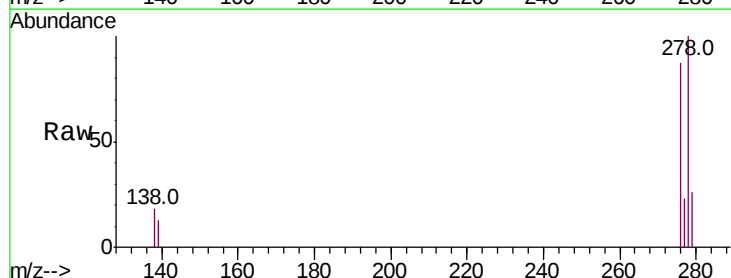
Tgt Ion:278 Resp: 21365

Ion Ratio Lower Upper

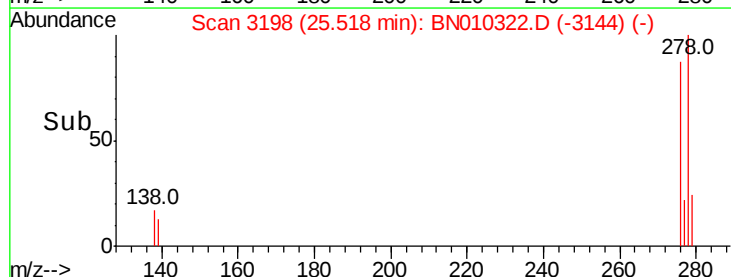
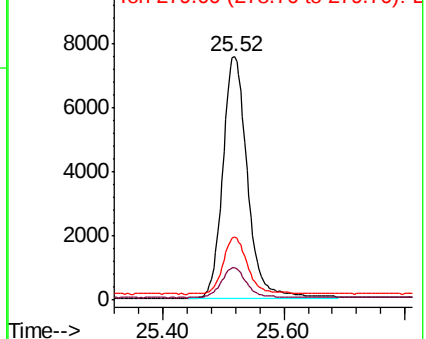
278 100

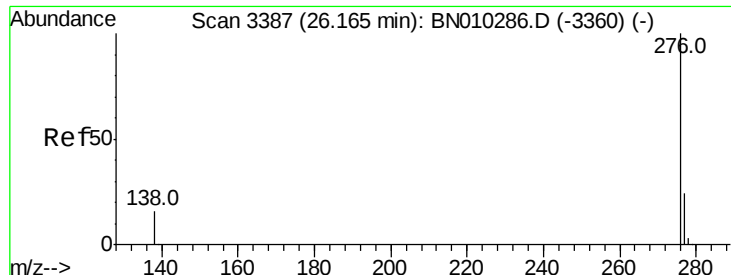
139 13.5 10.6 16.0

279 26.0 19.8 29.6



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: 0.421 ng

RT: 26.15 min Scan# 3383

Delta R.T. -0.01 min

Lab File: BN010322.D

Acq: 24 Mar 2020 11:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

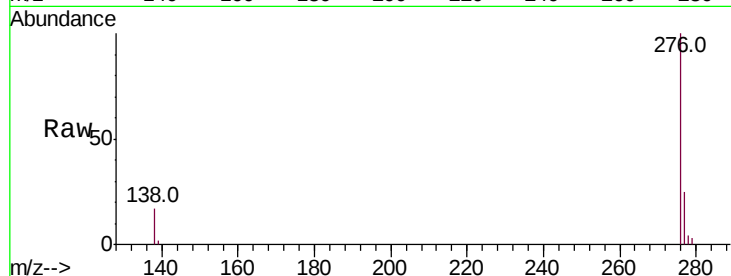
Tot Ion:276 Resp: 22206

Ion Ratio Lower Upper

276 100

277 24.6 19.6 29.4

138 17.5 13.3 19.9



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

