

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042820\
 Data File : BN010618.D
 Acq On : 28 Apr 2020 09:29
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Apr 28 10:18:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 10:15:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	5131	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	21768	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	13987	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	31628	0.40	ng	0.00
27) Chrysene-d12	21.17	240	25709	0.40	ng	0.00
34) Perylene-d12	23.34	264	24588	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	4881	0.43	ng	0.00
5) Phenol-d6	6.78	99	6354	0.43	ng	0.00
8) Nitrobenzene-d5	8.72	82	6184	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	16630	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	2407	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	20257	0.40	ng	0.00
25) Fluoranthene-d10	19.00	212	41189	0.43	ng	0.00
29) Terphenyl-d14	19.61	244	27607	0.47	ng	0.00

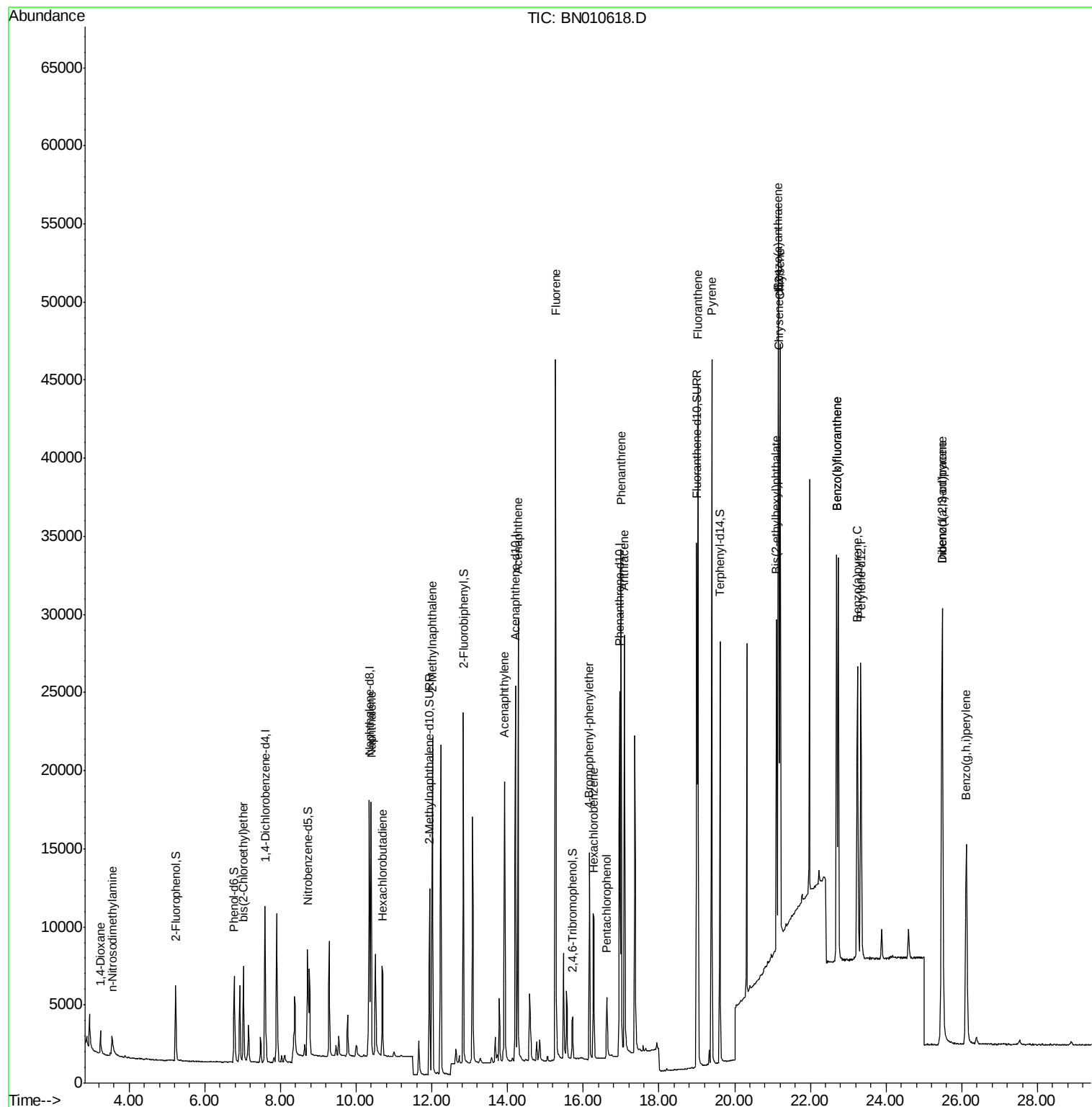
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.24	88	1538	0.407	ng	97
3) n-Nitrosodimethylamine	3.55	42	1183	0.483	ng	83
6) bis(2-Chloroethyl)ether	7.03	93	5346	0.420	ng	98
9) Naphthalene	10.39	128	22098	0.409	ng	100
10) Hexachlorobutadiene	10.68	225	5326	0.409	ng	# 99
12) 2-Methylnaphthalene	12.01	142	16047	0.413	ng	99
16) Acenaphthylene	13.92	152	23518	0.389	ng	100
17) Acenaphthene	14.28	154	15604	0.402	ng	100
18) Fluorene	15.27	166	20337	0.400	ng	99
20) 4-Bromophenyl-phenylether	16.16	248	6677	0.380	ng	# 92
21) Hexachlorobenzene	16.28	284	8309	0.414	ng	99
22) Pentachlorophenol	16.62	266	2469	0.313	ng	98
23) Phenanthrene	17.00	178	34252	0.401	ng	100
24) Anthracene	17.09	178	30356	0.389	ng	100
26) Fluoranthene	19.03	202	39872	0.375	ng	100
28) Pyrene	19.39	202	40330	0.466	ng	100
30) Benzo(a)anthracene	21.16	228	33517	0.400	ng	98
31) Chrysene	21.20	228	33825	0.405	ng	100
32) Bis(2-ethylhexyl)phthalate	21.10	149	20747	0.482	ng	100
33) Indeno(1,2,3-cd)pyrene	25.48	276	33974	0.460	ng	99
35) Benzo(b)fluoranthene	22.69	252	30956	0.382	ng	98
36) Benzo(k)fluoranthene	22.69	252	30956	0.382	ng	98
37) Benzo(a)pyrene	23.24	252	28512	0.398	ng	97
38) Dibenzo(a,h)anthracene	25.49	278	27541	0.420	ng	# 86
39) Benzo(g,h,i)perylene	26.12	276	27515	0.417	ng	99

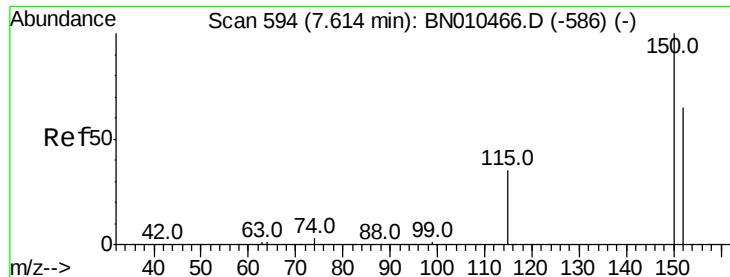
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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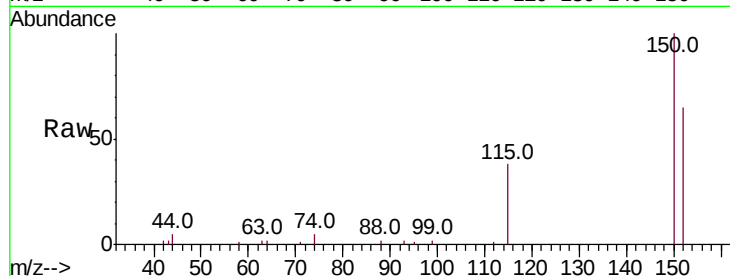


#1

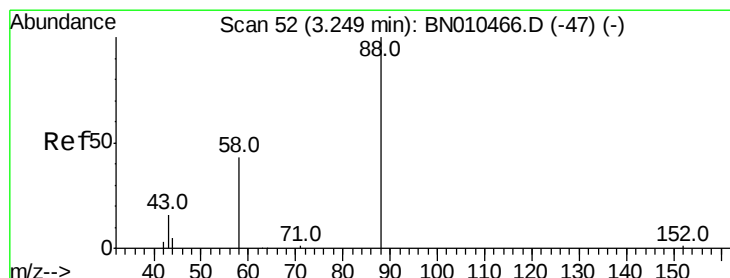
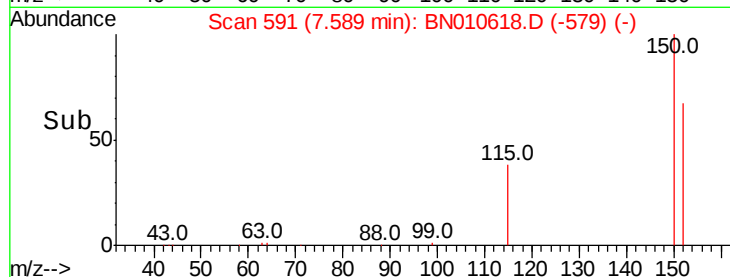
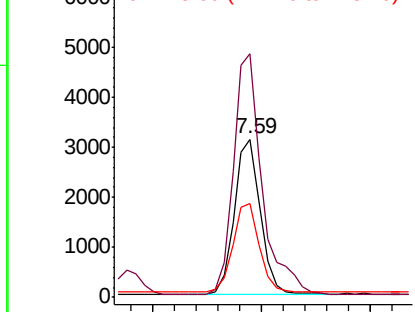
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 591
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 5131
Ion Ratio Lower Upper
152 100
150 154.2 121.8 182.6
115 59.4 45.5 68.3



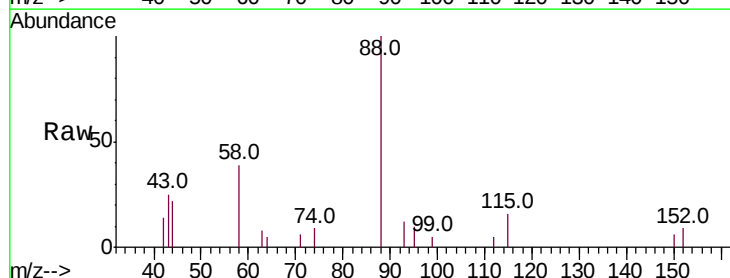
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



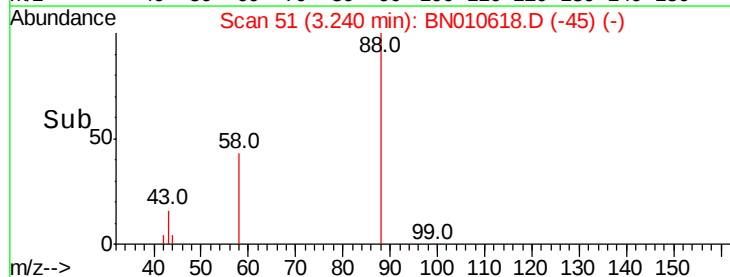
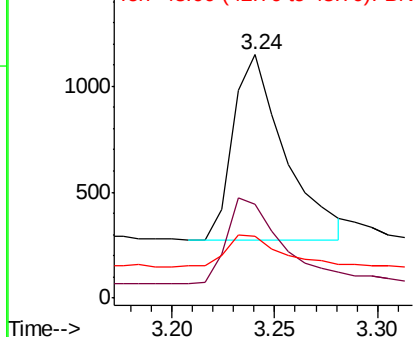
#2

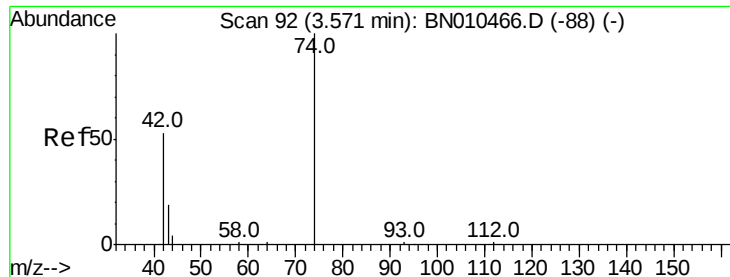
1,4-Dioxane
Concen: 0.407 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Tgt Ion: 88 Resp: 1538
Ion Ratio Lower Upper
88 100
58 48.1 36.5 54.7
43 16.9 13.2 19.8



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: 0.483 ng

RT: 3.55 min Scan# 89

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

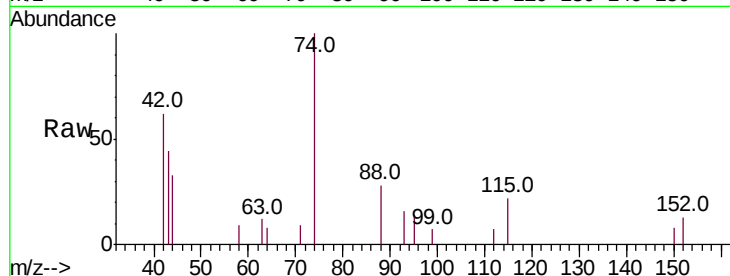
Tot Ion: 42 Resp: 1183

Ion Ratio Lower Upper

42 100

74 176.5 162.2 243.4

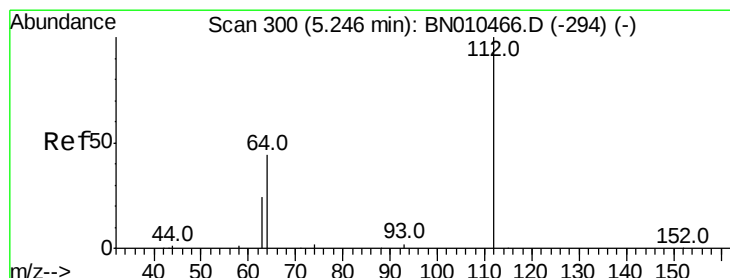
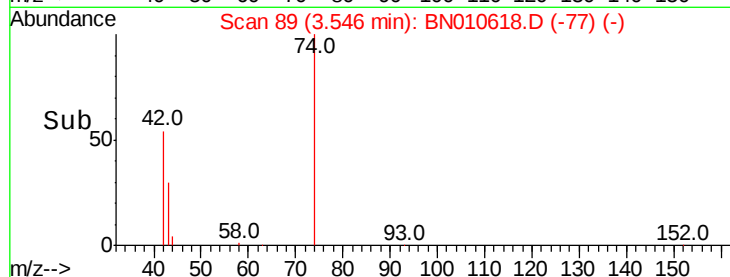
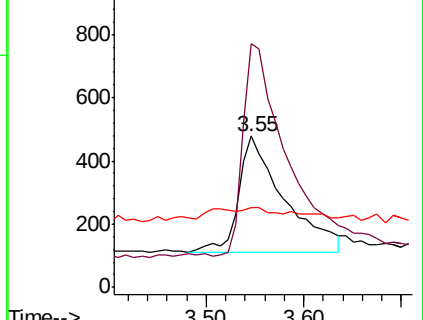
44 3.3 2.4 3.6



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: 0.434 ng

RT: 5.23 min Scan# 298

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

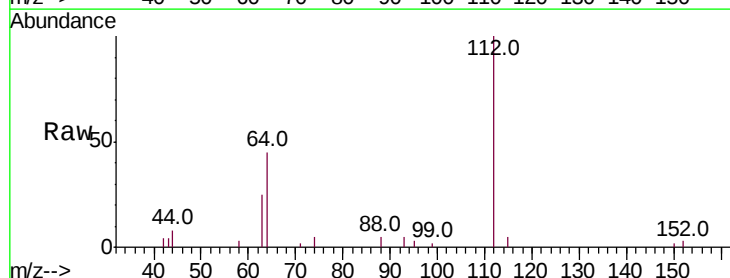
Tgt Ion: 112 Resp: 4881

Ion Ratio Lower Upper

112 100

64 46.0 35.8 53.8

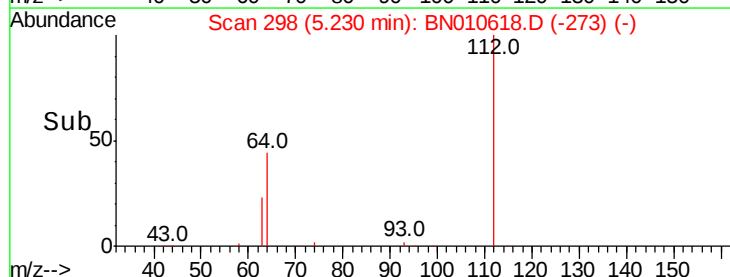
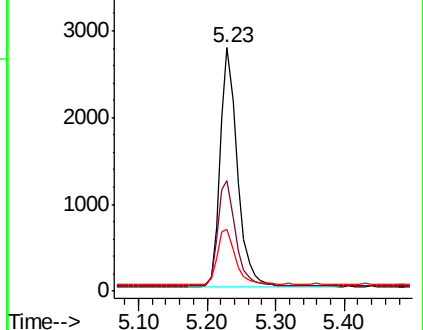
63 24.1 19.9 29.9

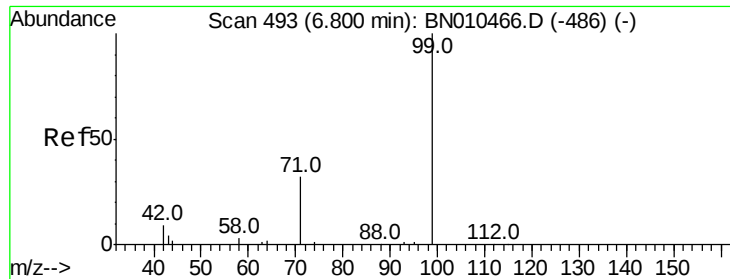


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.433 ng

RT: 6.78 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

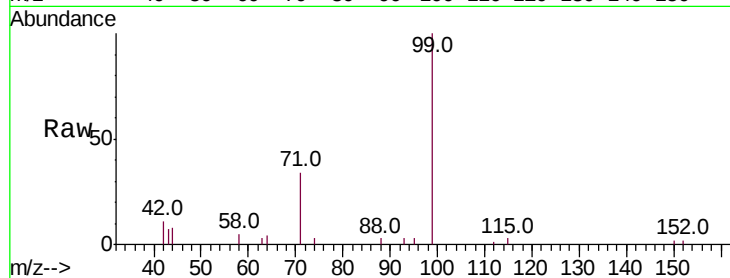
Tot Ion: 99 Resp: 6354

Ion Ratio Lower Upper

99 100

42 12.1 9.8 14.6

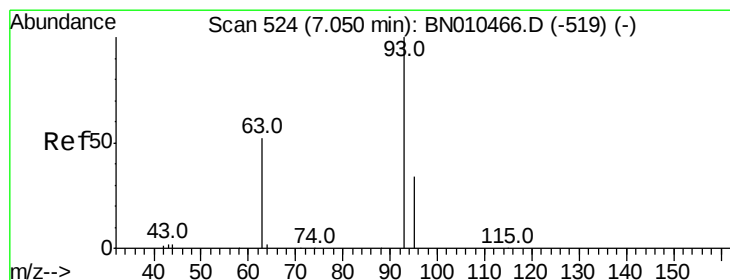
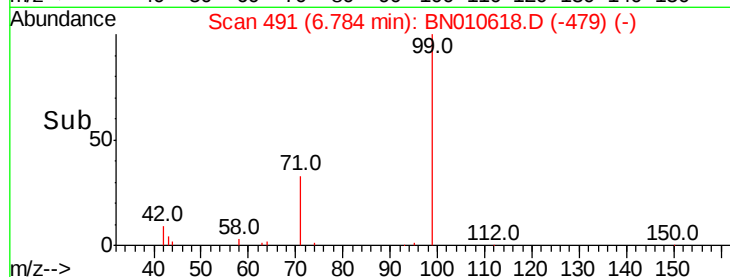
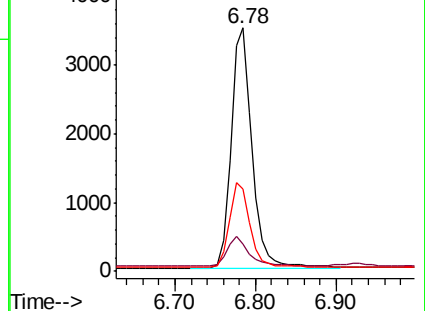
71 35.5 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN010466.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010466.D (-486) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.420 ng

RT: 7.03 min Scan# 521

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

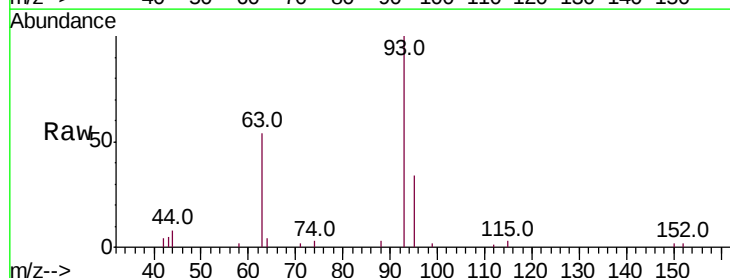
Tgt Ion: 93 Resp: 5346

Ion Ratio Lower Upper

93 100

63 57.7 44.6 66.8

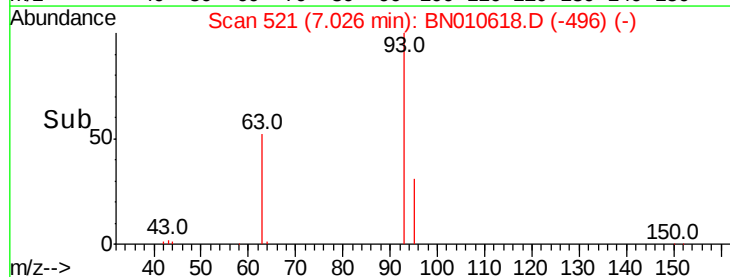
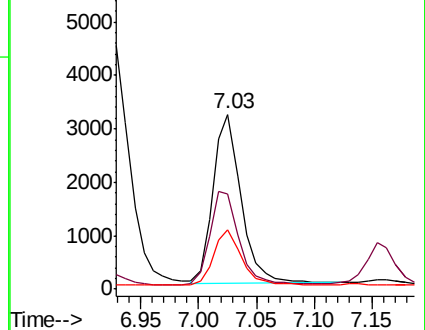
95 32.8 26.5 39.7

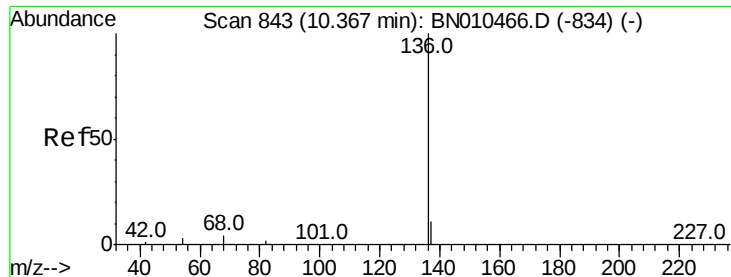


Abundance Ion 93.00 (92.70 to 93.70): BN010466.D (-519) (-)

Ion 63.00 (62.70 to 63.70): BN010466.D (-519) (-)

Ion 95.00 (94.70 to 95.70): BN010466.D (-519) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 21768

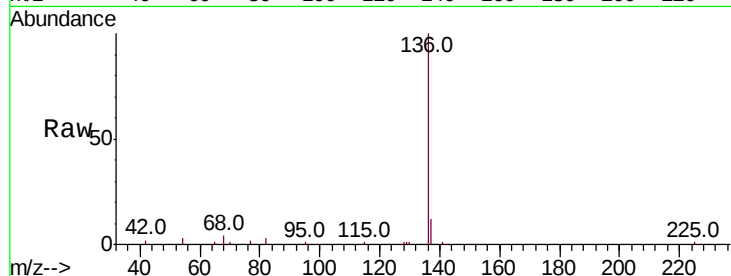
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 3.4 2.6 4.0

68 4.3 3.4 5.2

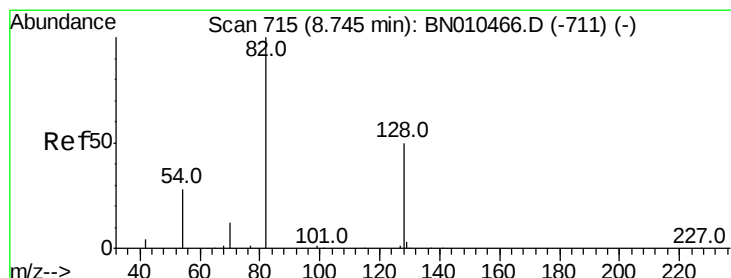
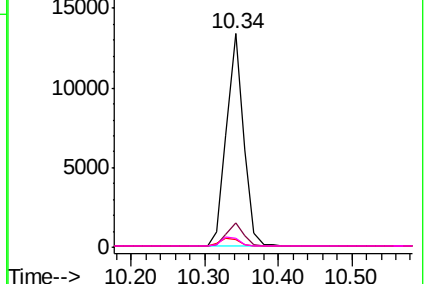
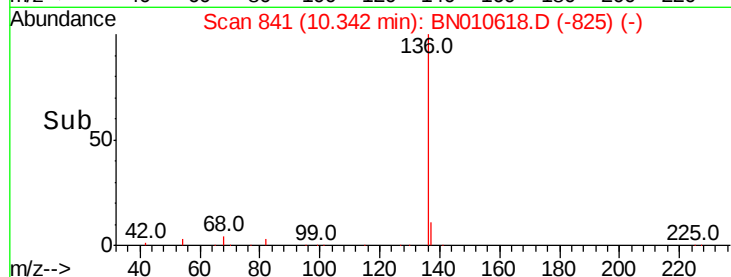


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.406 ng

RT: 8.72 min Scan# 713

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

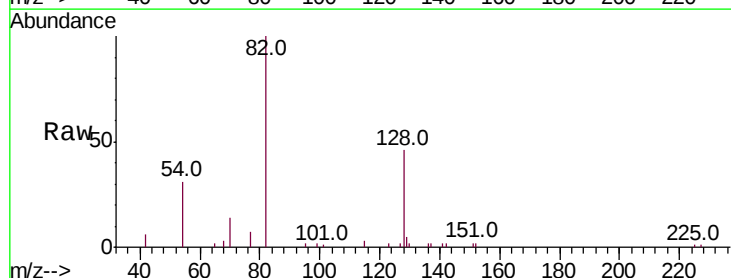
Tgt Ion: 82 Resp: 6184

Ion Ratio Lower Upper

82 100

128 46.3 41.3 61.9

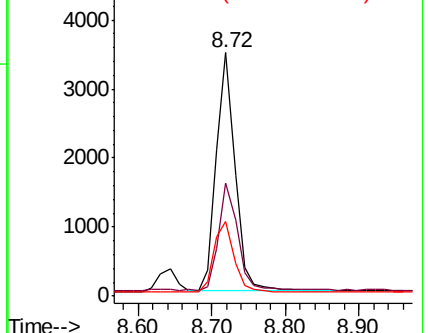
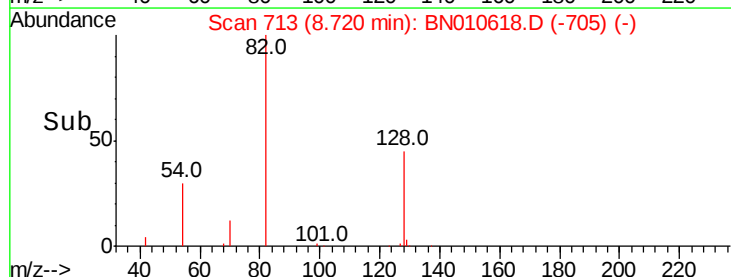
54 30.7 23.4 35.0

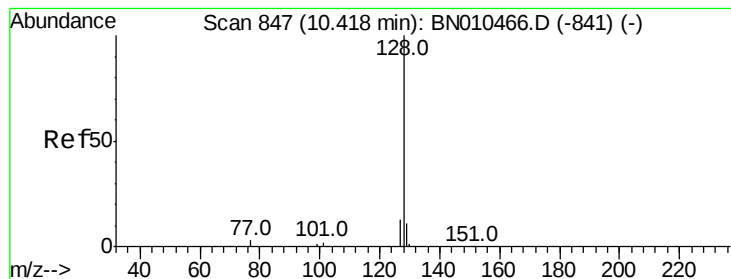


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.409 ng

RT: 10.39 min Scan# 845

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

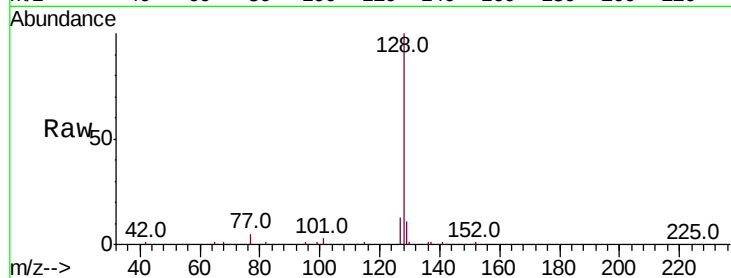
Tot Ion:128 Resp: 22098

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

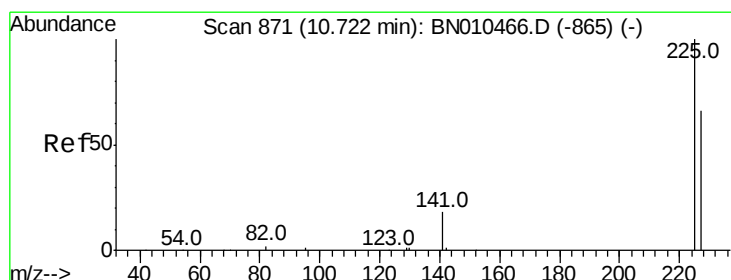
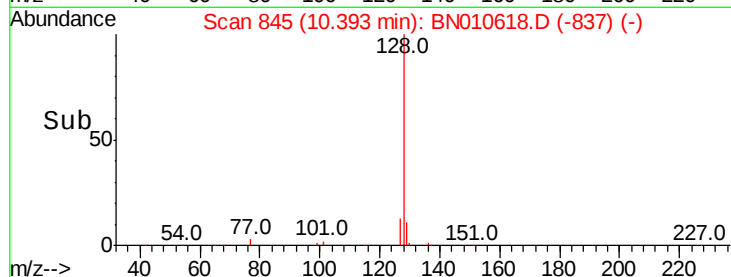
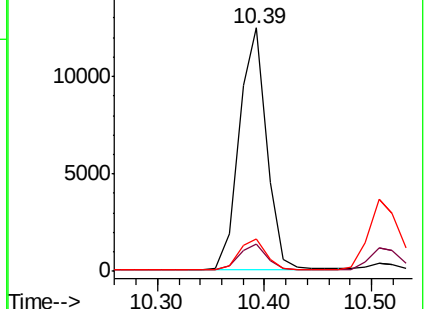
127 13.2 10.5 15.7



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: 0.409 ng

RT: 10.68 min Scan# 868

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

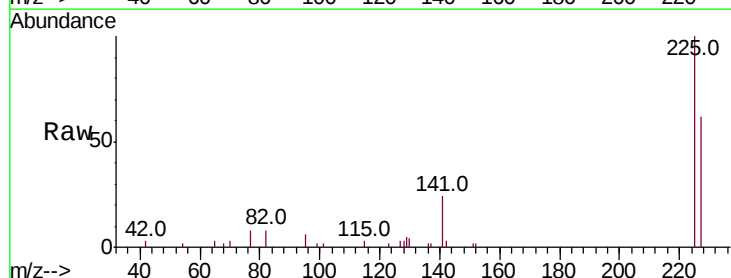
Tgt Ion:225 Resp: 5326

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

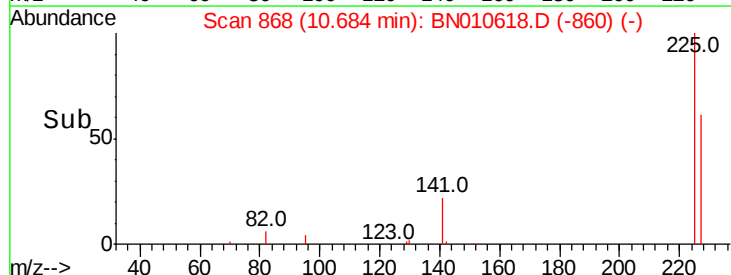
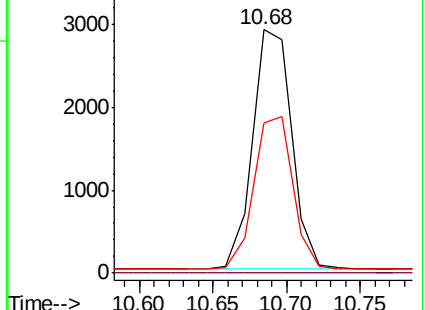
227 63.8 50.6 76.0

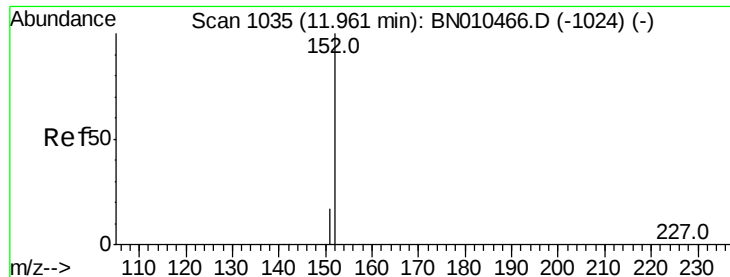


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.465 ng

RT: 11.93 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

Instrument :

BNA_N

ClientSampleId :

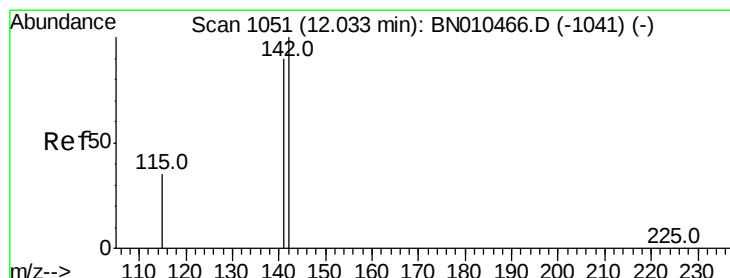
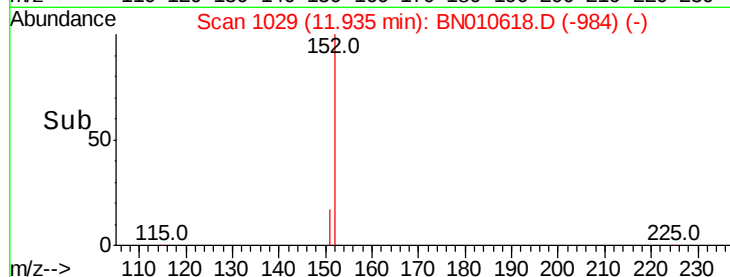
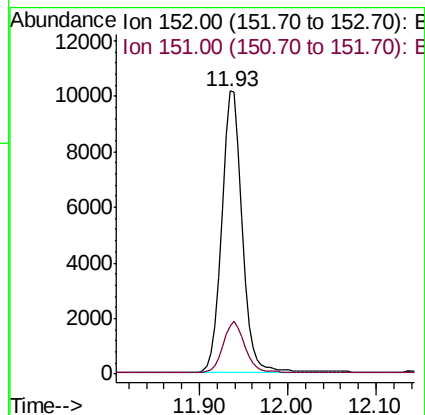
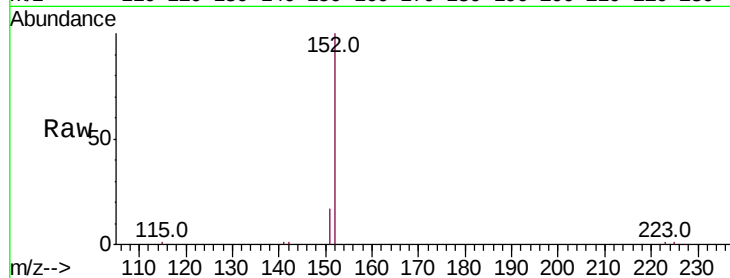
SSTDCCC0.4

Tot Ion:152 Resp: 16630

Ion Ratio Lower Upper

152 100

151 19.4 15.3 22.9



#12

2-Methylnaphthalene

Concen: 0.413 ng

RT: 12.01 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

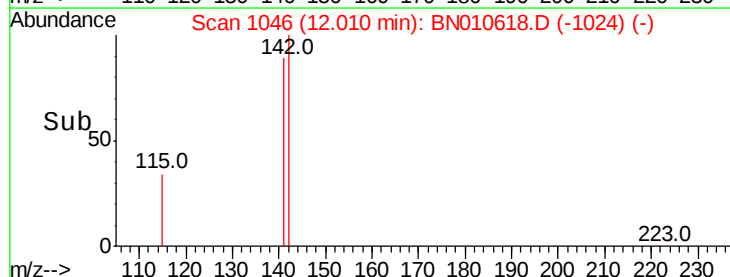
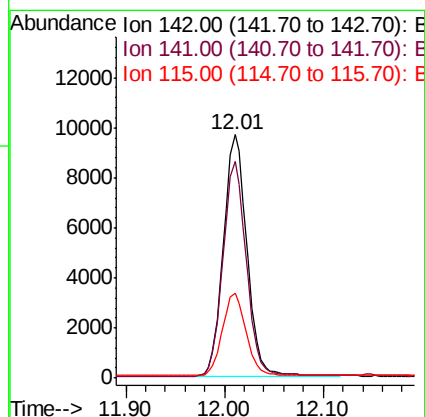
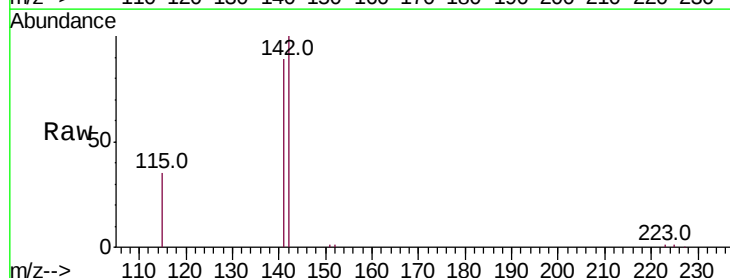
Tgt Ion:142 Resp: 16047

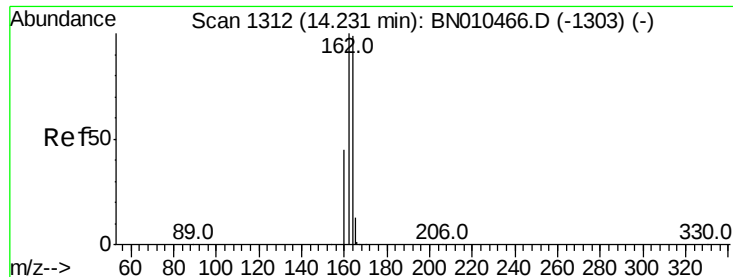
Ion Ratio Lower Upper

142 100

141 88.9 71.9 107.9

115 35.1 28.8 43.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

Instrument :

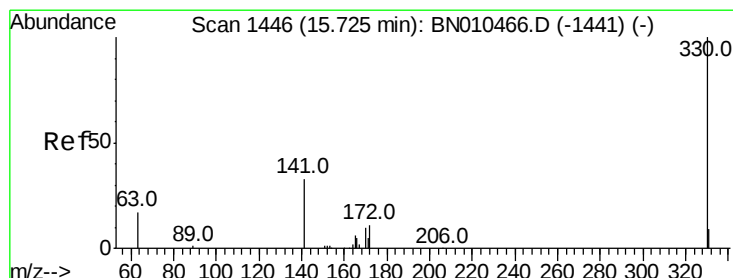
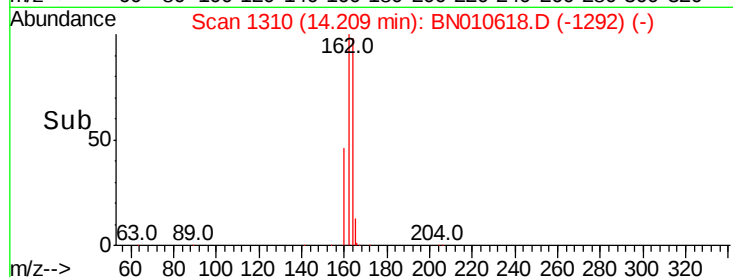
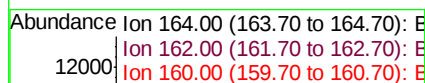
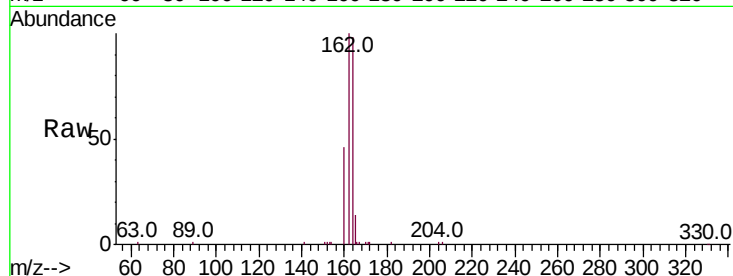
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:164 Resp: 13987

Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.6	121.0
160	47.2	36.5	54.7



#14

2,4,6-Tribromophenol

Concen: 0.365 ng

RT: 15.71 min Scan# 1445

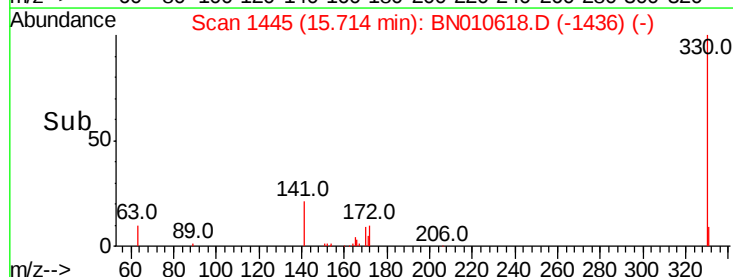
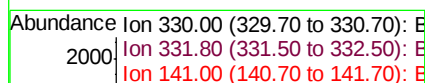
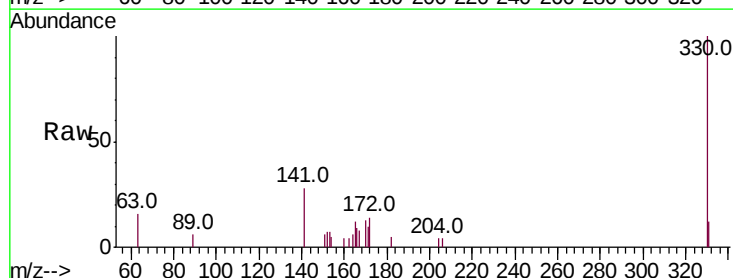
Delta R.T. 0.00 min

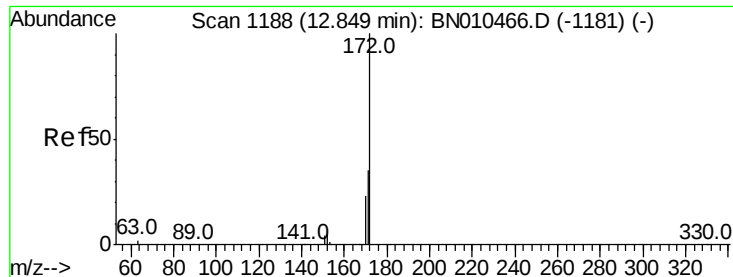
Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

Tgt Ion:330 Resp: 2407

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.3	28.1	42.1

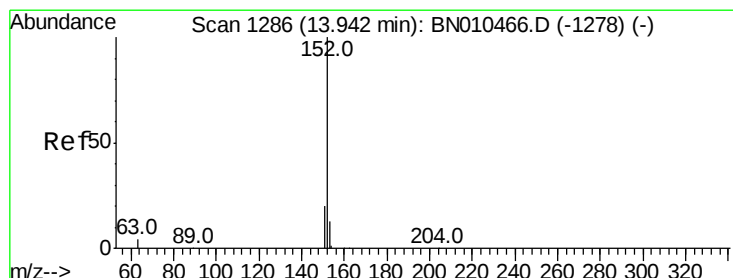
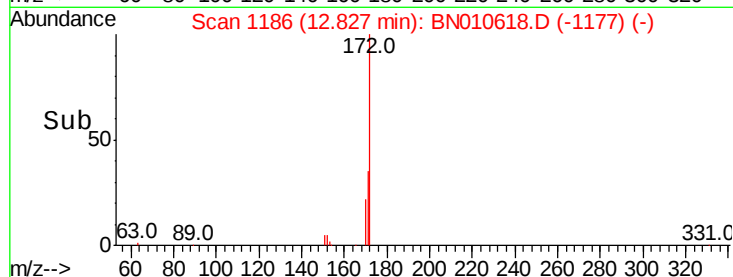
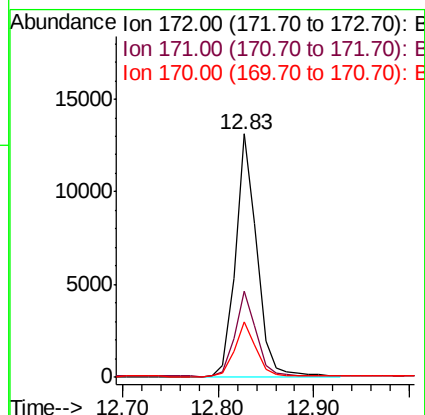
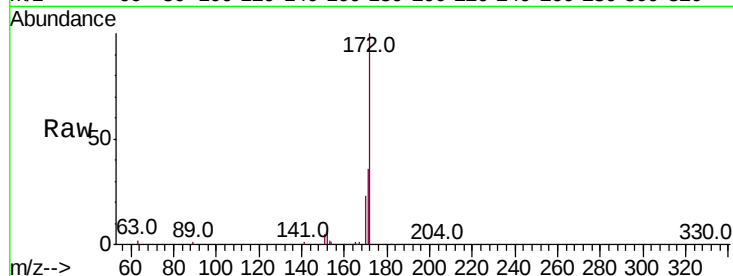




#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 12.83 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

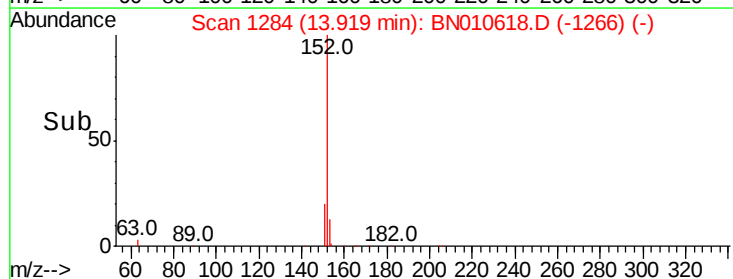
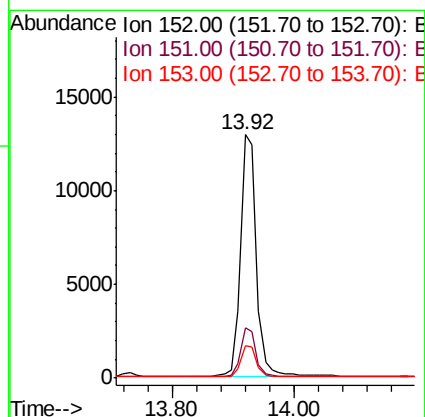
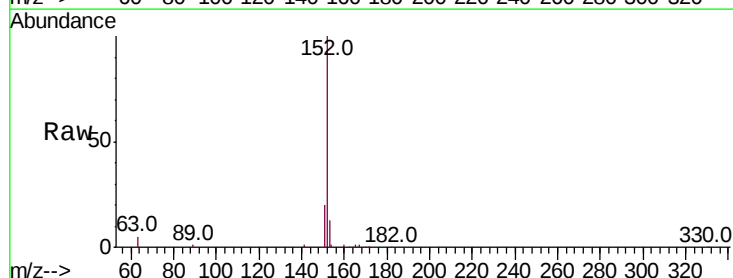
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

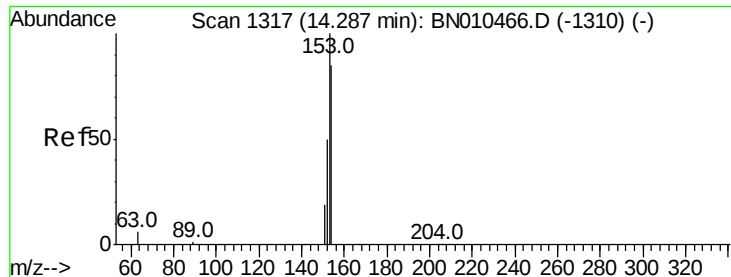
Tot Ion:172 Resp: 20257
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 22.9 18.4 27.6



#16
Acenaphthylene
Concen: 0.389 ng
RT: 13.92 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Tgt Ion:152 Resp: 23518
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.402 ng

RT: 14.28 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

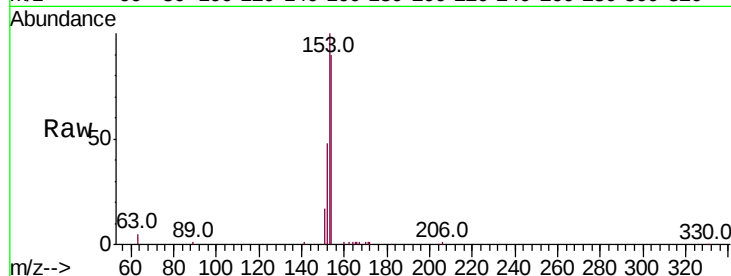
Tot Ion:154 Resp: 15604

Ion Ratio Lower Upper

154 100

153 114.1 91.0 136.4

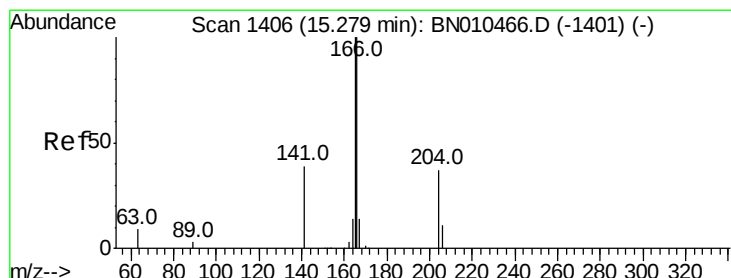
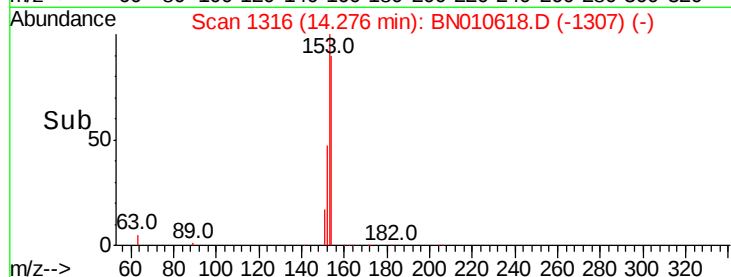
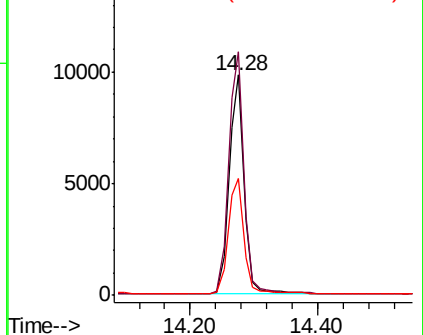
152 55.6 44.6 67.0



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: 15.27 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

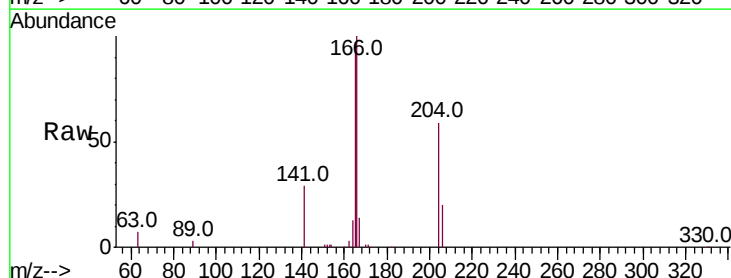
Tgt Ion:166 Resp: 20337

Ion Ratio Lower Upper

166 100

165 98.6 78.4 117.6

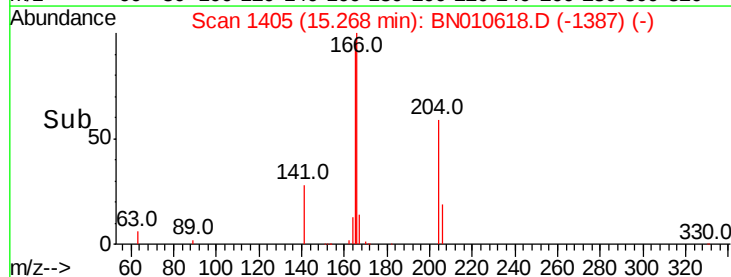
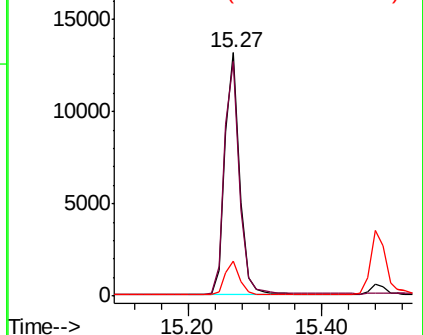
167 13.9 10.9 16.3

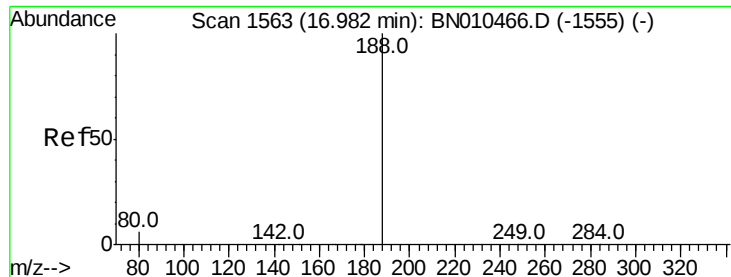


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.96 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

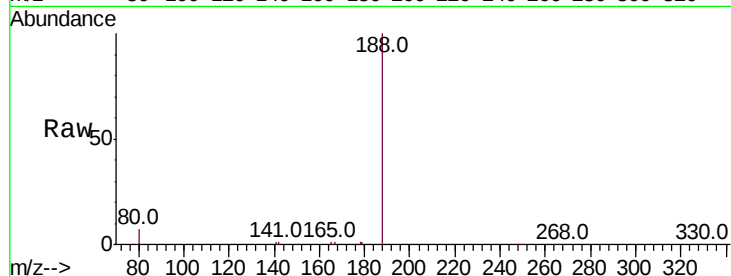
Tot Ion:188 Resp: 31628

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

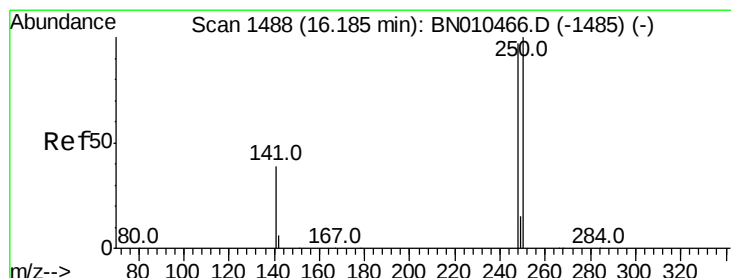
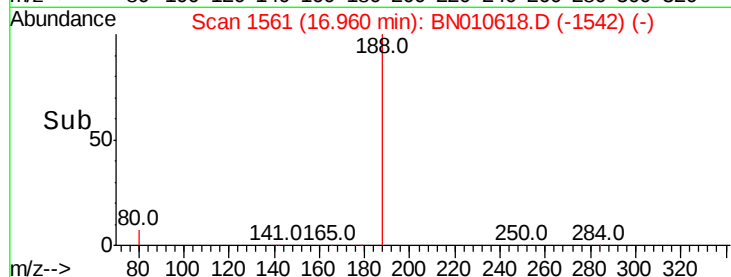
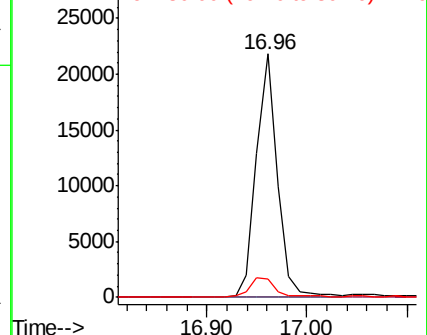
80 7.4 5.0 7.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.380 ng

RT: 16.16 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

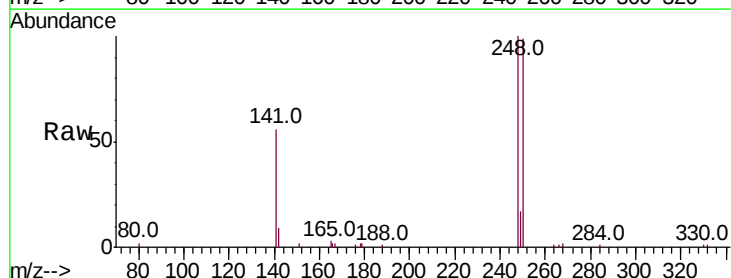
Tgt Ion:248 Resp: 6677

Ion Ratio Lower Upper

248 100

250 99.0 82.3 123.5

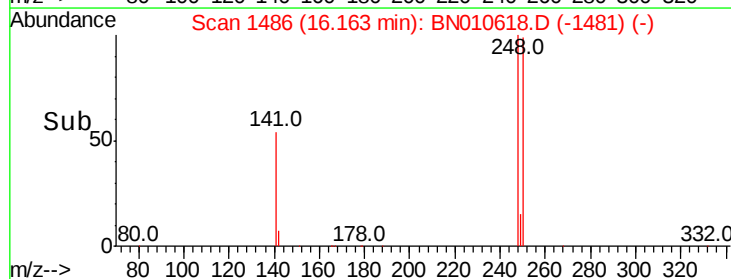
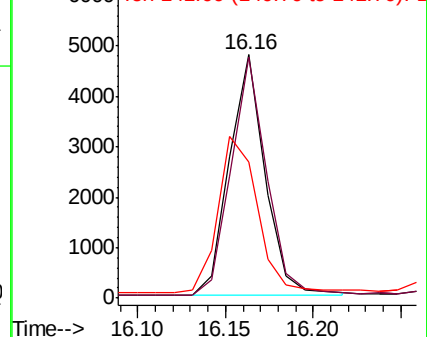
141 55.6 35.2 52.8#

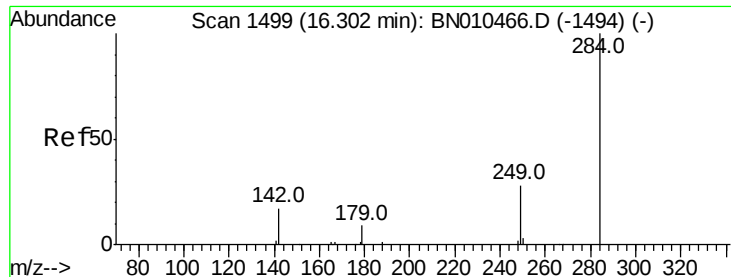


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

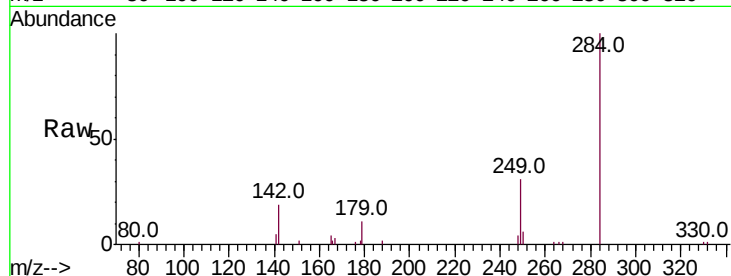




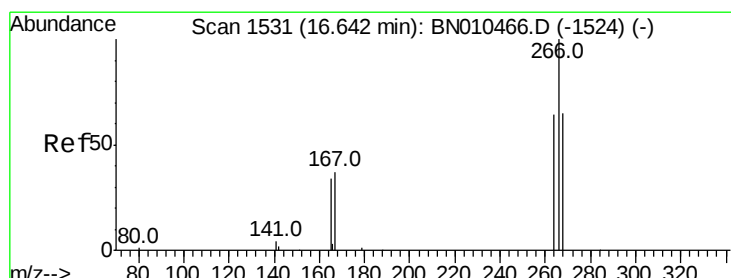
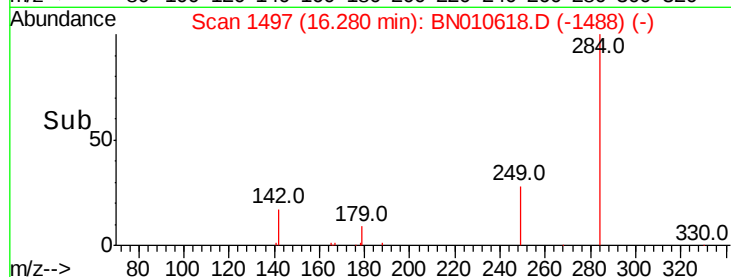
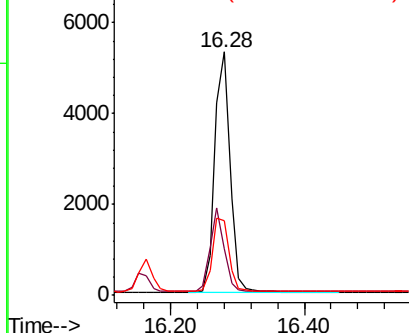
#21
Hexachlorobenzene
Concen: 0.414 ng
RT: 16.28 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot	Ion:284	Resp:	8309
Ion	Ratio	Lower	Upper
284	100		
142	31.6	25.5	38.3
249	32.9	25.8	38.6

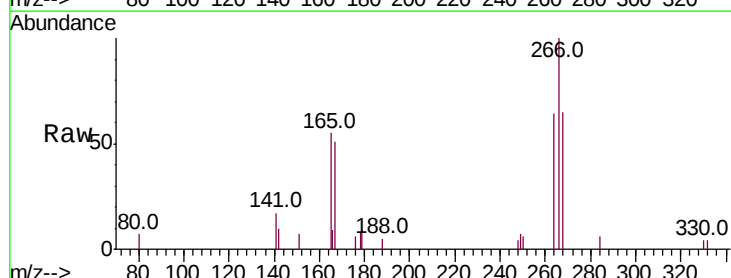


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

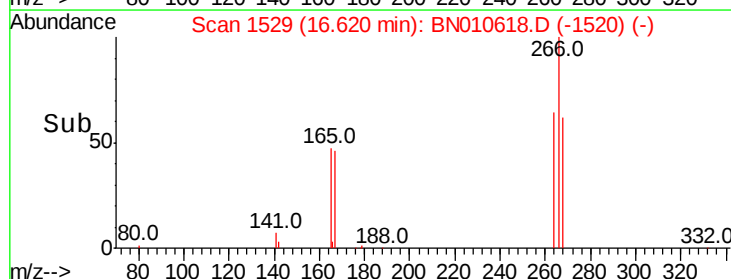
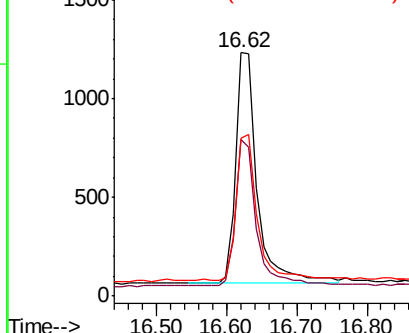


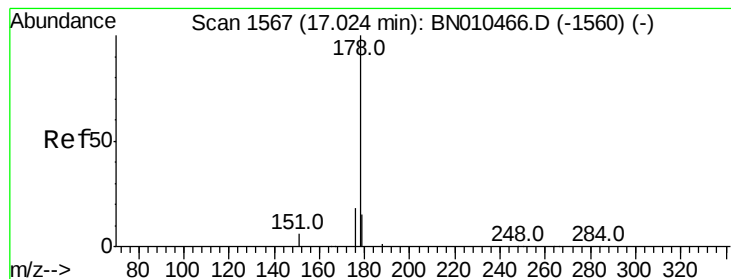
#22
Pentachlorophenol
Concen: 0.313 ng
RT: 16.62 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Tgt Ion:266	Resp: 2469
Ion Ratio	Lower Upper
266 100	
264 64.4	51.8 77.6
268 64.8	53.7 80.5



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.401 ng

RT: 17.00 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

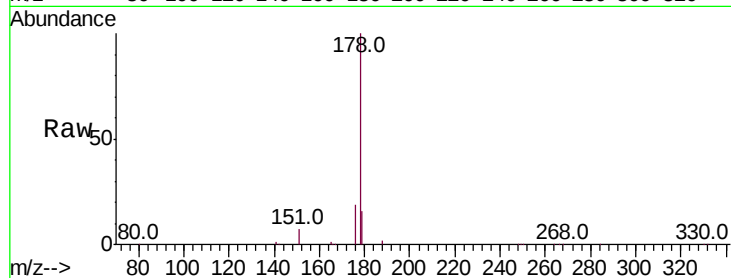
Tot Ion:178 Resp: 34252

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

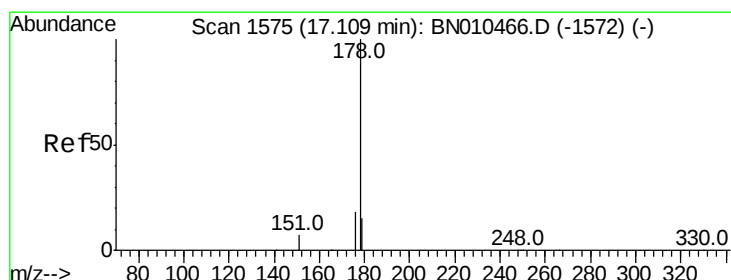
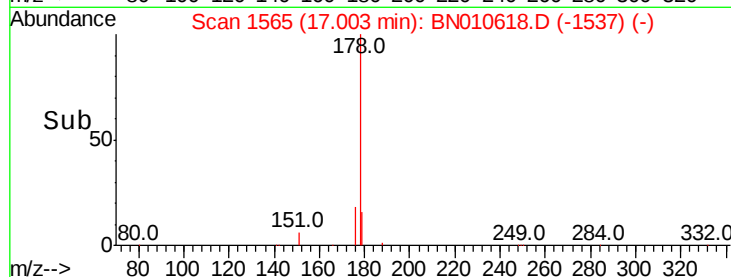
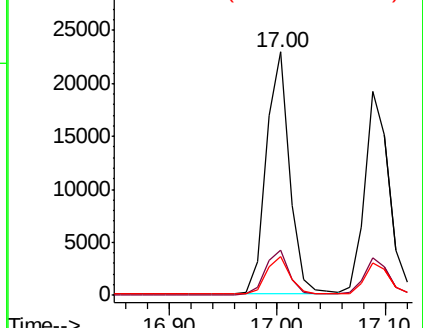
179 15.7 12.6 18.8



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: 0.389 ng

RT: 17.09 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

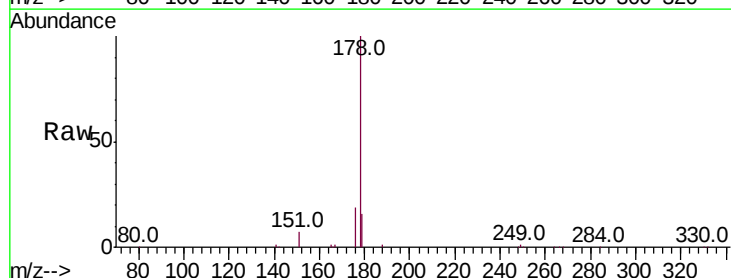
Tgt Ion:178 Resp: 30356

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

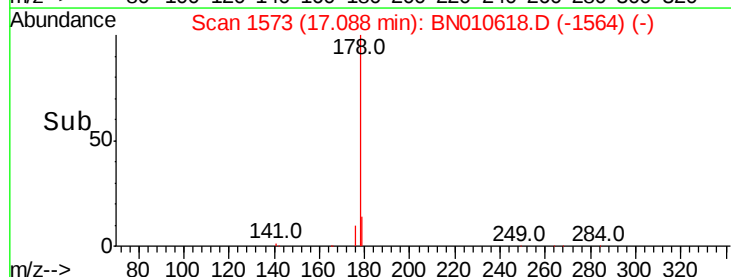
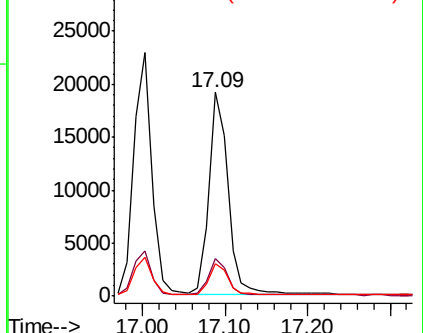
179 15.1 12.2 18.2

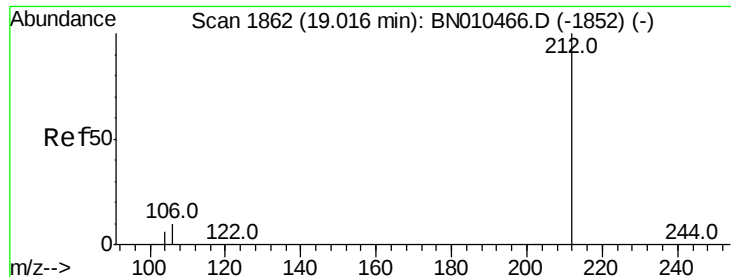


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.429 ng

RT: 19.00 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

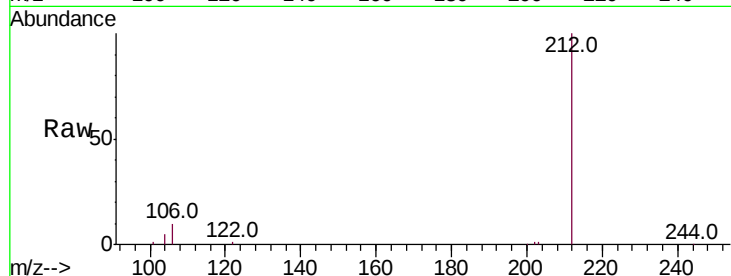
Tot Ion:212 Resp: 41189

Ion Ratio Lower Upper

212 100

106 10.2 7.8 11.6

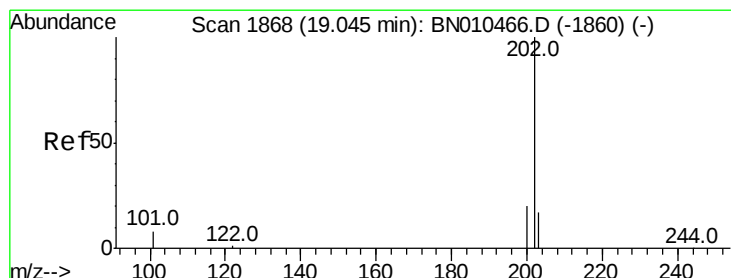
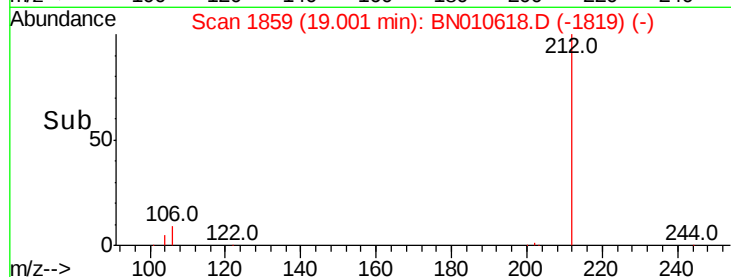
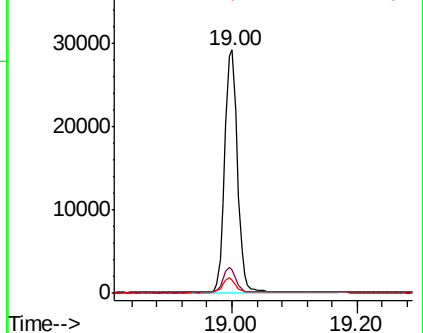
104 5.8 4.5 6.7



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: 0.375 ng

RT: 19.03 min Scan# 1864

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

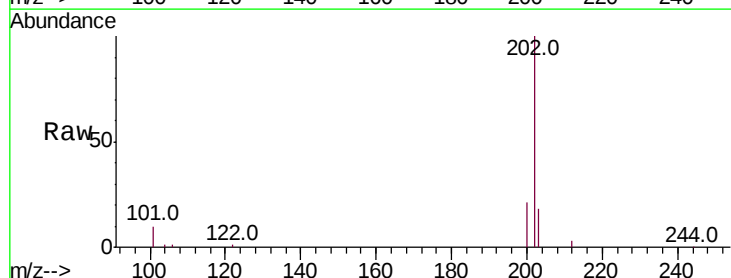
Tgt Ion:202 Resp: 39872

Ion Ratio Lower Upper

202 100

101 8.8 6.9 10.3

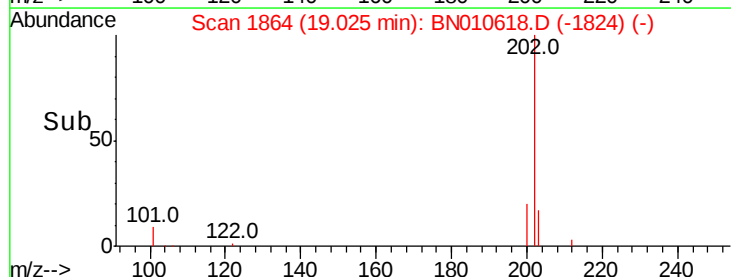
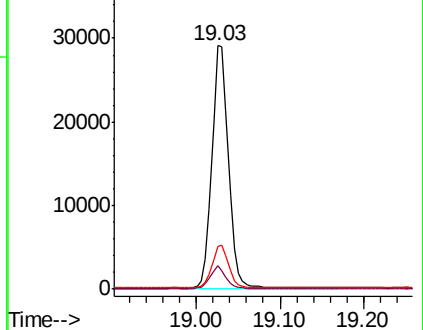
203 17.3 13.9 20.9

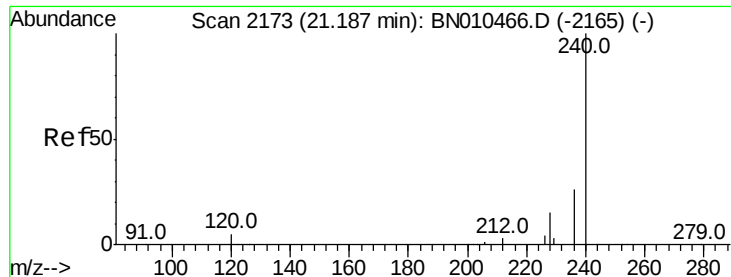


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.17 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

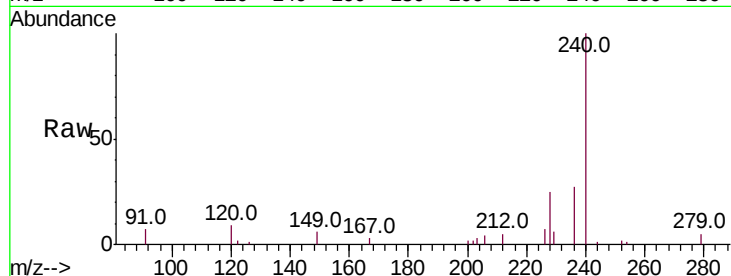
Tot Ion:240 Resp: 25709

Ion Ratio Lower Upper

240 100

120 8.9 4.8 7.2#

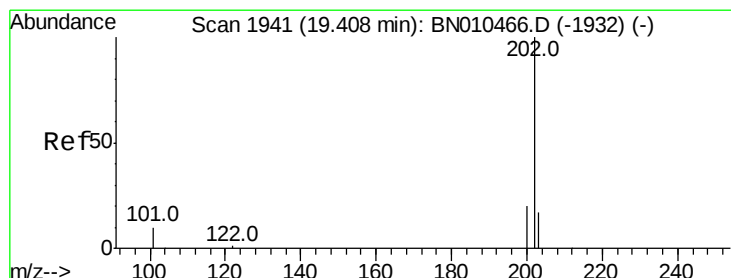
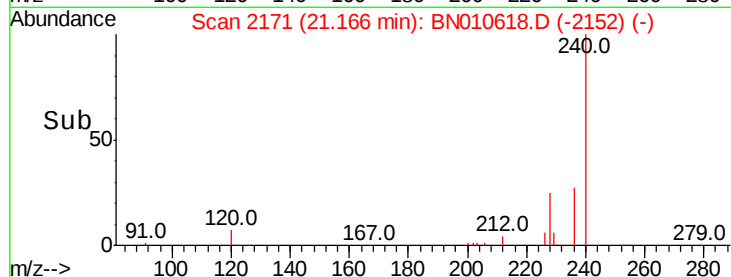
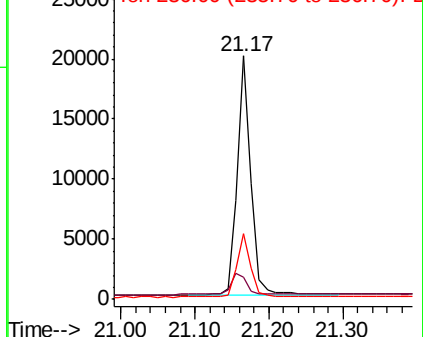
236 27.1 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.466 ng

RT: 19.39 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

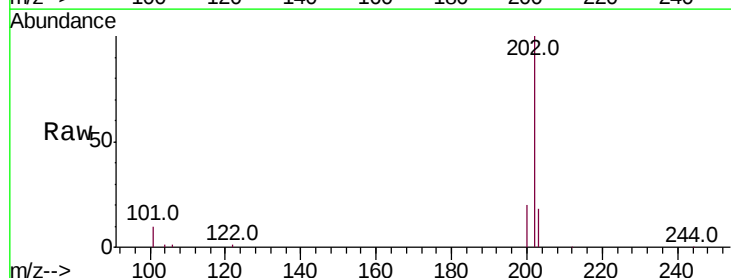
Tgt Ion:202 Resp: 40330

Ion Ratio Lower Upper

202 100

200 20.3 16.3 24.5

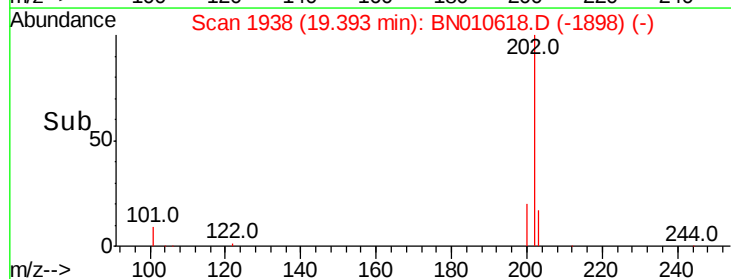
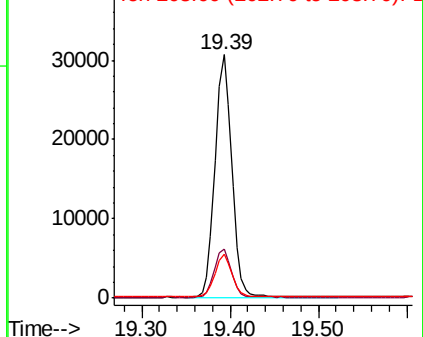
203 17.6 14.0 21.0

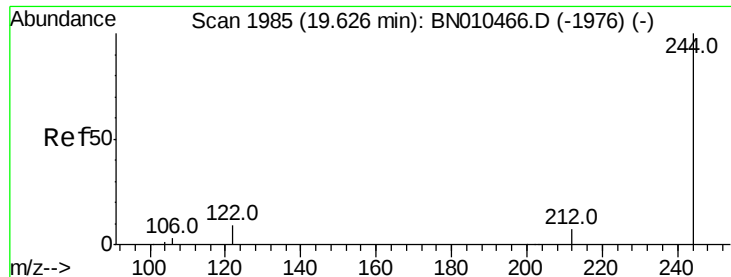


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.469 ng

RT: 19.61 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

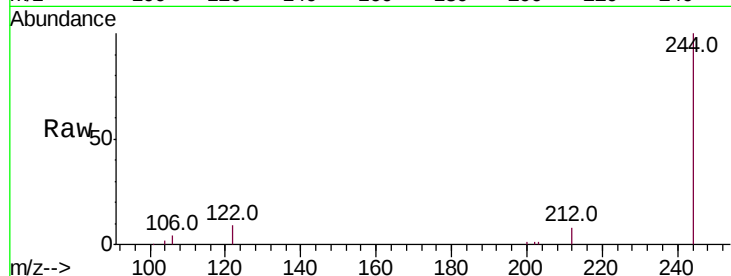
Tot Ion:244 Resp: 27607

Ion Ratio Lower Upper

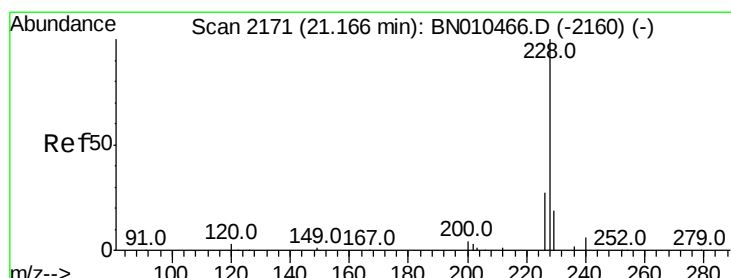
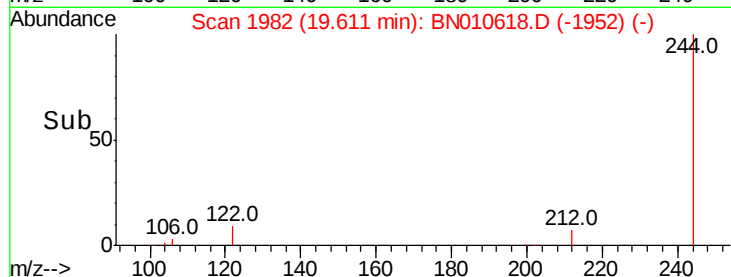
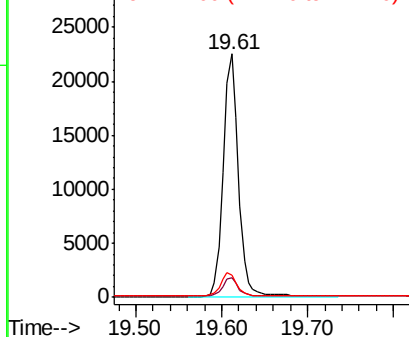
244 100

212 7.8 6.2 9.4

122 9.3 7.8 11.8



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: 0.400 ng

RT: 21.16 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

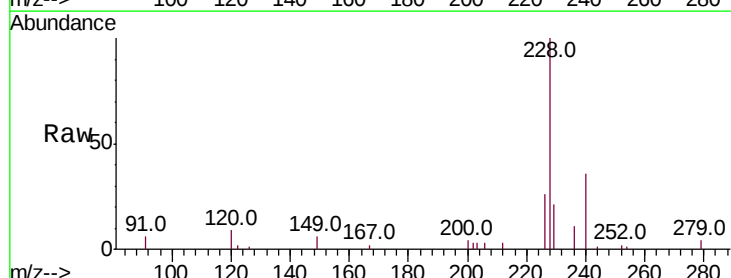
Tgt Ion:228 Resp: 33517

Ion Ratio Lower Upper

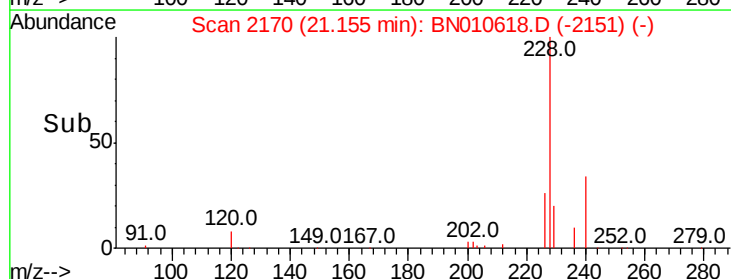
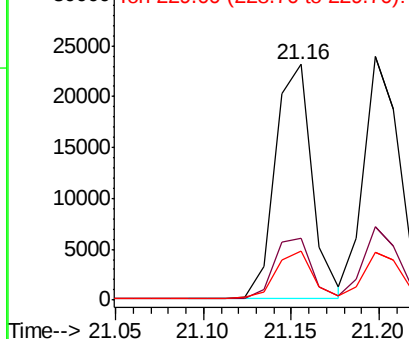
228 100

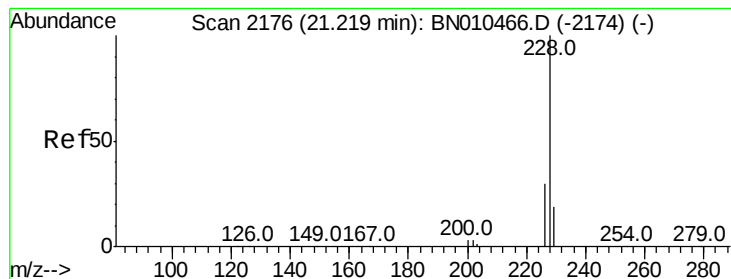
226 26.2 21.7 32.5

229 20.6 15.6 23.4



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: 0.405 ng

RT: 21.20 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

Instrument :

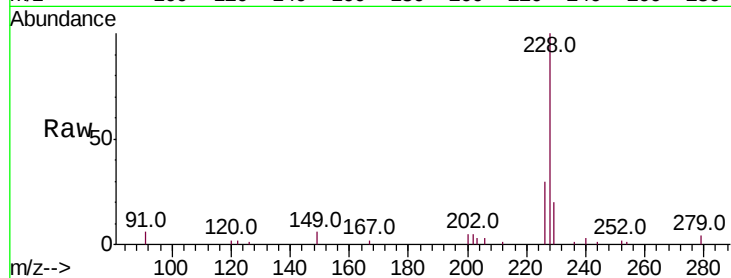
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 33825

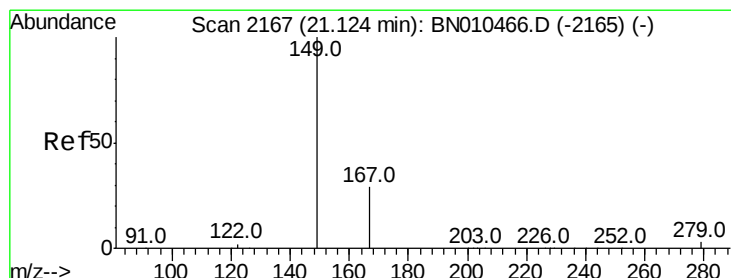
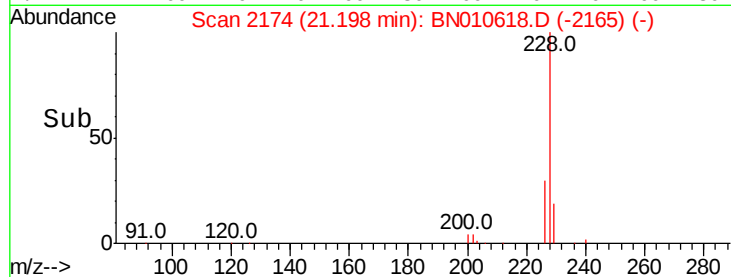
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	19.8	15.8	23.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.482 ng

RT: 21.10 min Scan# 2165

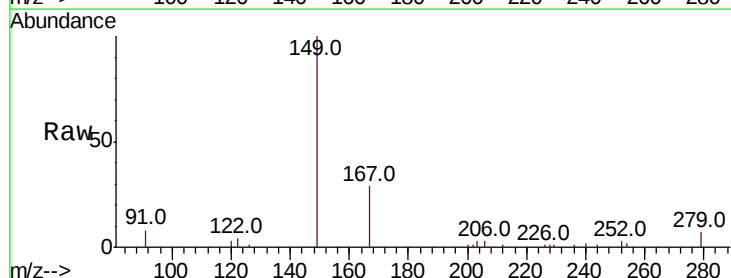
Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

Tgt Ion:149 Resp: 20747

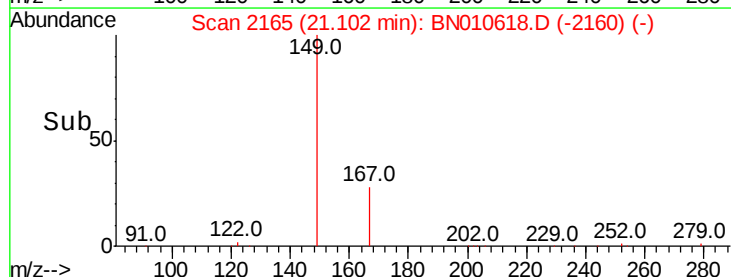
Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.4	35.0
279	5.5	4.0	6.0

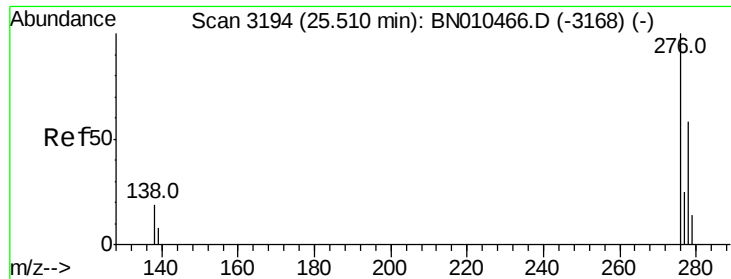


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.460 ng

RT: 25.48 min Scan# 3184

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

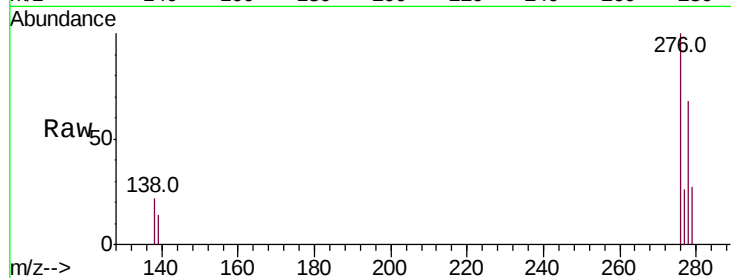
Tot Ion:276 Resp: 33974

Ion Ratio Lower Upper

276 100

138 21.3 16.4 24.6

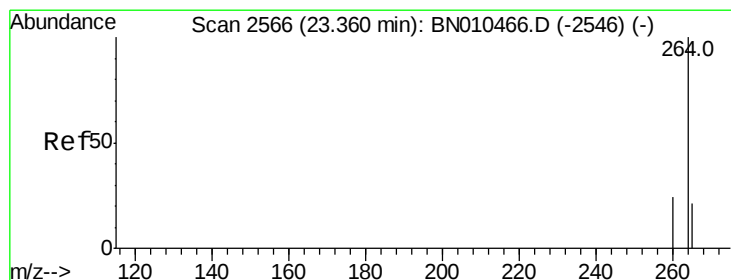
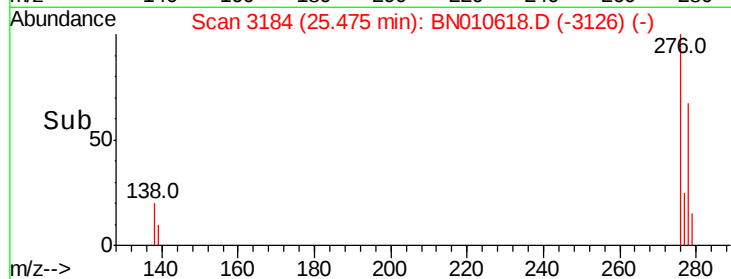
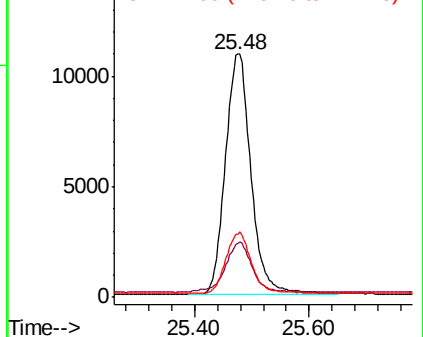
277 25.4 19.8 29.6



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: 23.34 min Scan# 2559

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

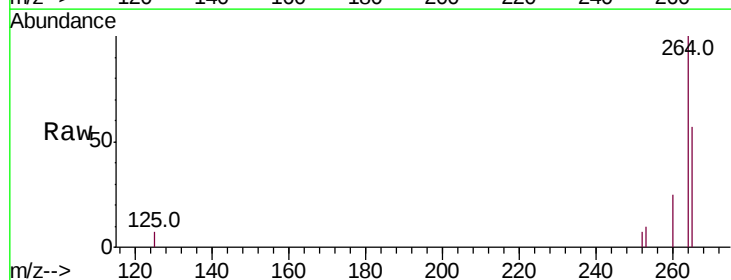
Tgt Ion:264 Resp: 24588

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.8

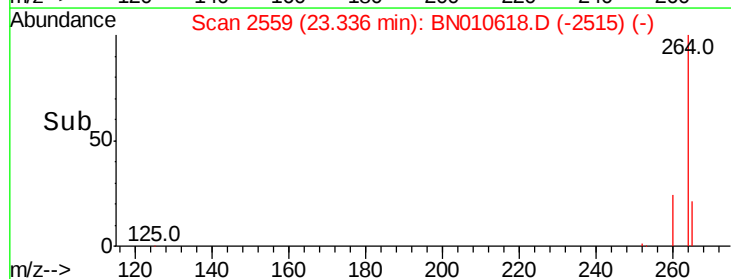
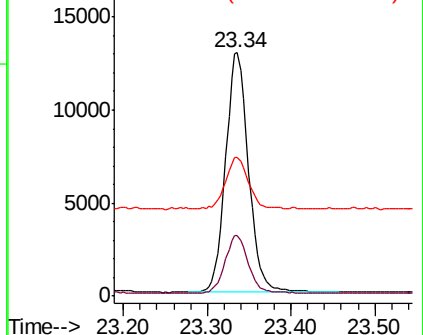
265 57.2 42.3 63.5

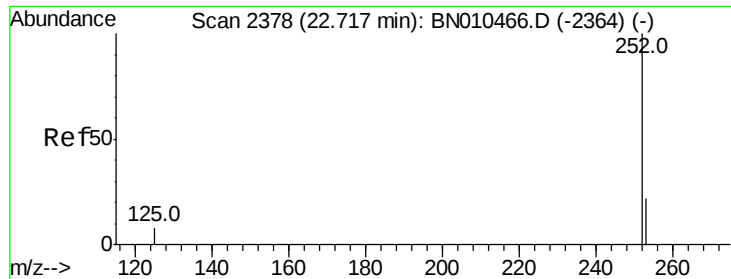


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

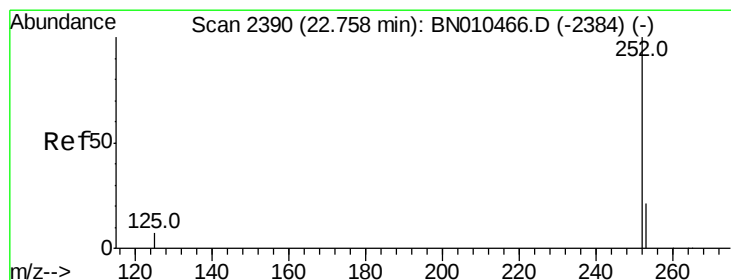
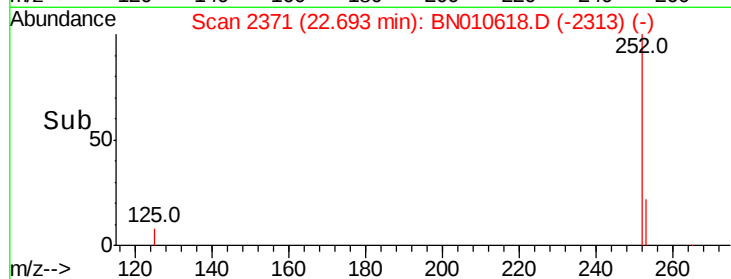
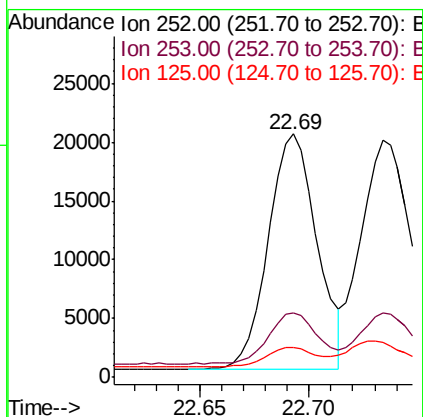
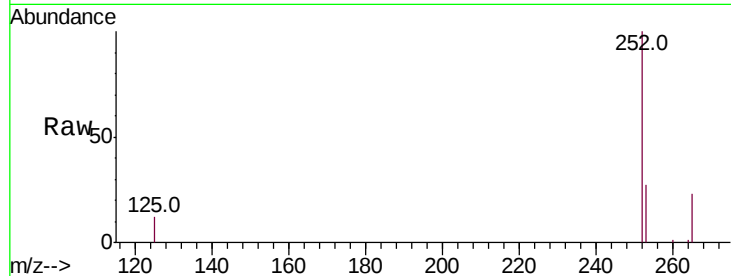




#35
Benzo(b)fluoranthene
Concen: 0.382 ng
RT: 22.69 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

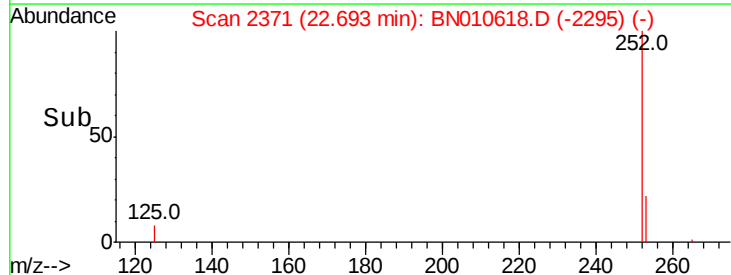
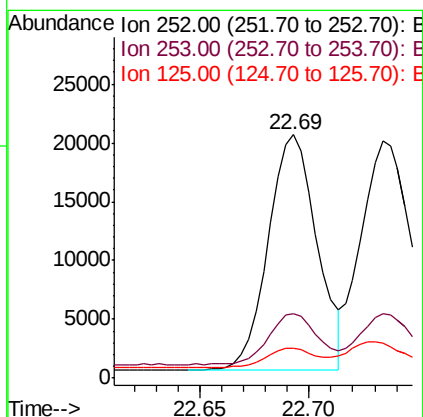
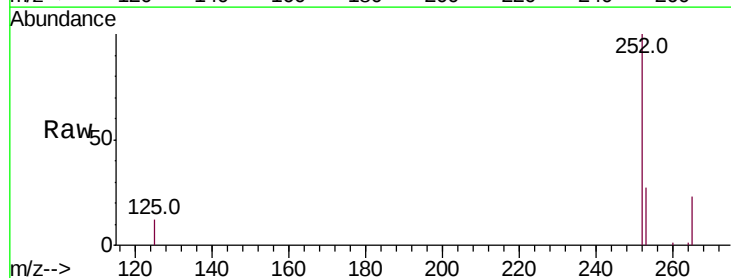
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

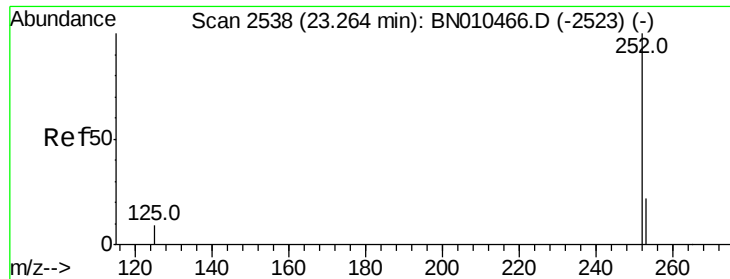
Tot Ion:252 Resp: 30956
Ion Ratio Lower Upper
252 100
253 26.6 20.2 30.4
125 12.3 9.2 13.8



#36
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 22.69 min Scan# 2371
Delta R.T. -0.04 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Tgt Ion:252 Resp: 30956
Ion Ratio Lower Upper
252 100
253 26.6 20.1 30.1
125 12.3 9.6 14.4





#37

Benzo(a)pyrene

Concen: 0.398 ng

RT: 23.24 min Scan# 2532

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

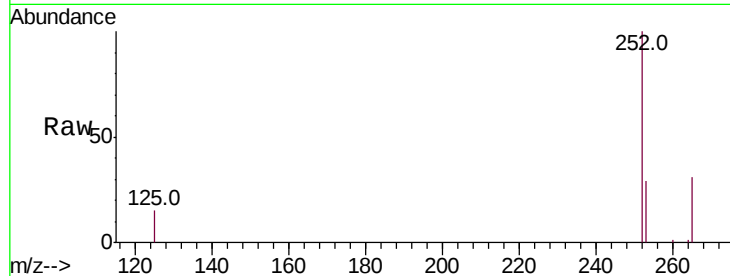
Tot Ion:252 Resp: 28512

Ion Ratio Lower Upper

252 100

253 28.9 21.8 32.8

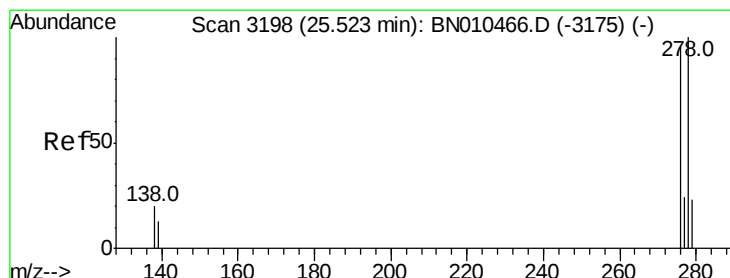
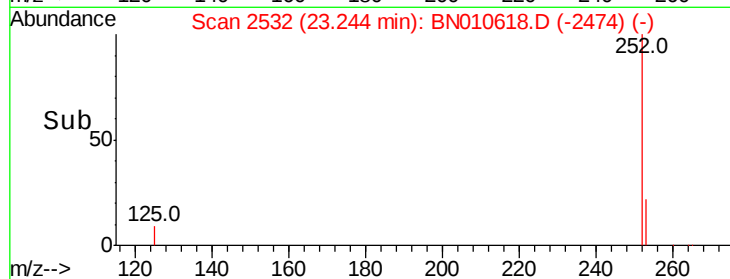
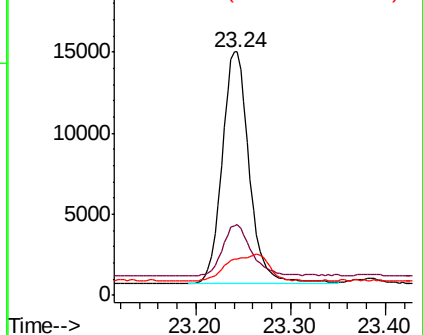
125 15.1 11.0 16.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.420 ng

RT: 25.49 min Scan# 3187

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

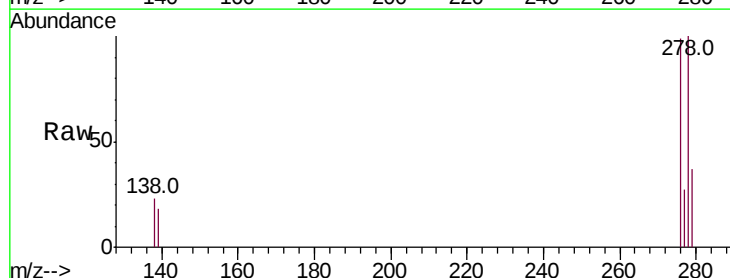
Tgt Ion:278 Resp: 27541

Ion Ratio Lower Upper

278 100

139 17.6 12.3 18.5

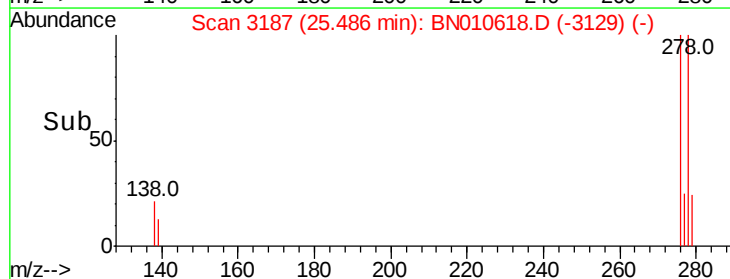
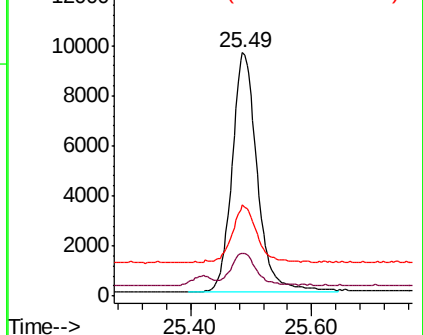
279 37.4 21.9 32.9#

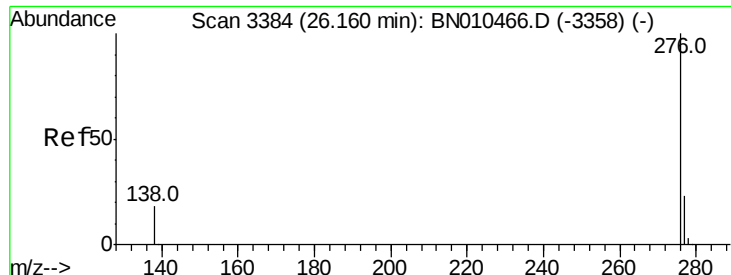


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.417 ng

RT: 26.12 min Scan# 3372

Delta R.T. 0.00 min

Lab File: BN010618.D

Acq: 28 Apr 2020 09:29

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

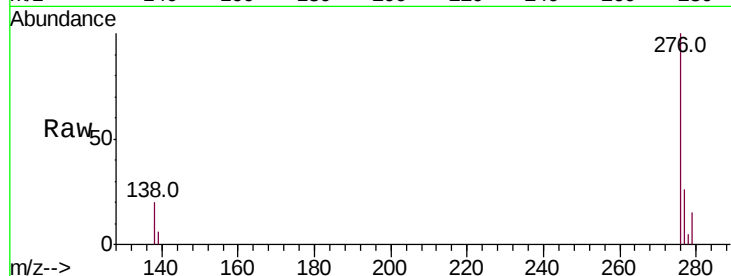
Tot Ion:276 Resp: 27515

Ion Ratio Lower Upper

276 100

277 25.7 20.2 30.2

138 20.1 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

