

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042120\
 Data File : BN010560.D
 Acq On : 21 Apr 2020 11:07
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Apr 21 13:14:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 18:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3356	0.40	ng	-0.02
7) Naphthalene-d8	10.35	136	14024	0.40	ng	-0.01
13) Acenaphthene-d10	14.21	164	8961	0.40	ng	-0.02
19) Phenanthrene-d10	16.96	188	20200	0.40	ng	-0.02
27) Chrysene-d12	21.17	240	18426	0.40	ng	-0.01
34) Perylene-d12	23.35	264	16117	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	3100	0.42	ng	0.00
5) Phenol-d6	6.78	99	3861	0.40	ng	-0.02
8) Nitrobenzene-d5	8.73	82	3808	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	11.95	152	10584	0.46	ng	-0.01
14) 2,4,6-Tribromophenol	15.72	330	1341	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	13192	0.40	ng	0.00
25) Fluoranthene-d10	19.00	212	26425	0.43	ng	-0.01
29) Terphenyl-d14	19.62	244	17908	0.42	ng	0.00

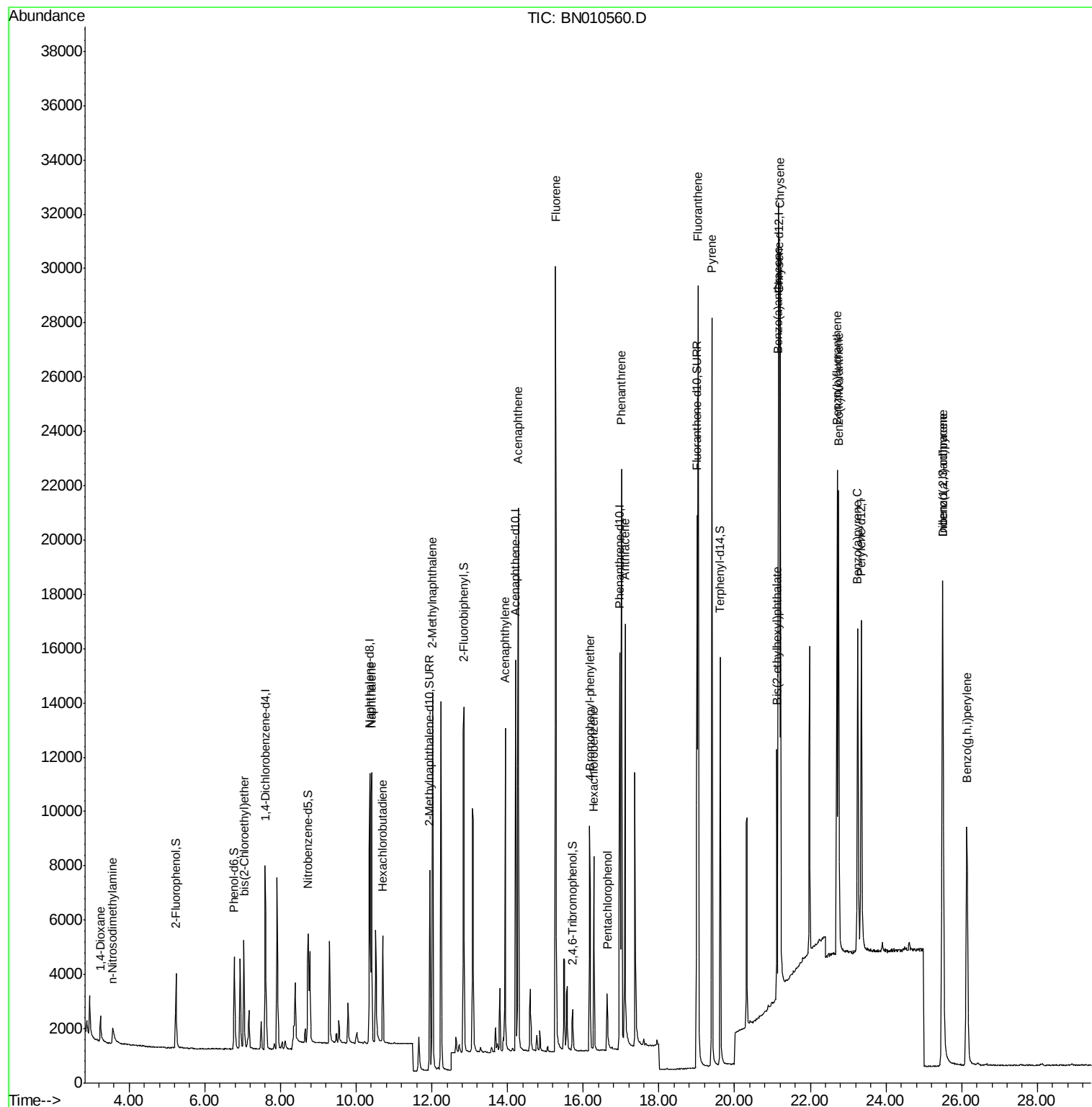
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.24	88	962	0.389	ng	96
3) n-Nitrosodimethylamine	3.56	42	651	0.406	ng	# 87
6) bis(2-Chloroethyl)ether	7.03	93	3469	0.417	ng	98
9) Naphthalene	10.41	128	14187	0.407	ng	100
10) Hexachlorobutadiene	10.70	225	3444	0.410	ng	# 99
12) 2-Methylnaphthalene	12.02	142	10257	0.410	ng	99
16) Acenaphthylene	13.93	152	14366	0.371	ng	99
17) Acenaphthene	14.28	154	9996	0.402	ng	100
18) Fluorene	15.27	166	13047	0.400	ng	100
20) 4-Bromophenyl-phenylether	16.17	248	4380	0.390	ng	# 81
21) Hexachlorobenzene	16.28	284	5455	0.426	ng	98
22) Pentachlorophenol	16.63	266	1444	0.287	ng	97
23) Phenanthrene	17.01	178	22220	0.407	ng	99
24) Anthracene	17.10	178	18341	0.368	ng	100
26) Fluoranthene	19.03	202	26678	0.393	ng	100
28) Pyrene	19.40	202	26298	0.424	ng	100
30) Benzo(a)anthracene	21.15	228	21718	0.361	ng	98
31) Chrysene	21.21	228	24240	0.405	ng	99
32) Bis(2-ethylhexyl)phthalate	21.11	149	8395	0.272	ng	99
33) Indeno(1,2,3-cd)pyrene	25.49	276	22851	0.432	ng	100
35) Benzo(b)fluoranthene	22.70	252	21607	0.407	ng	99
36) Benzo(k)fluoranthene	22.75	252	21802	0.410	ng	99
37) Benzo(a)pyrene	23.25	252	18318	0.390	ng	99
38) Dibenzo(a,h)anthracene	25.50	278	18213	0.424	ng	98
39) Benzo(g,h,i)perylene	26.14	276	19211	0.444	ng	99

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

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QLast Update : Mon Apr 13 18:04:22 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.60 min Scan# 592

Delta R.T. -0.02 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

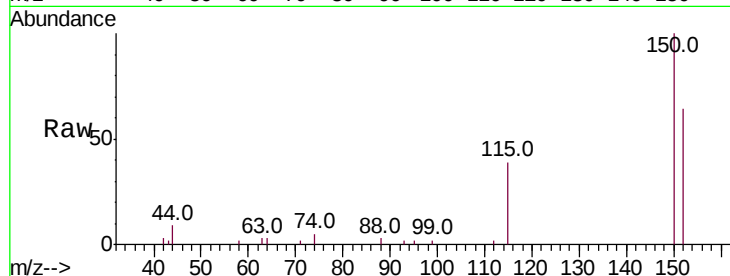
Tot Ion:152 Resp: 3356

Ion Ratio Lower Upper

152 100

150 155.5 121.8 182.6

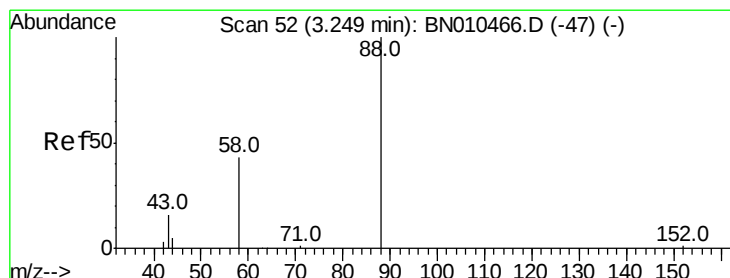
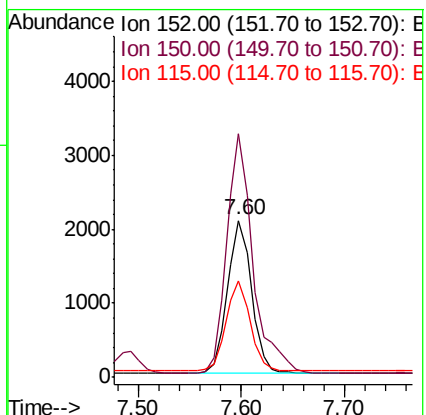
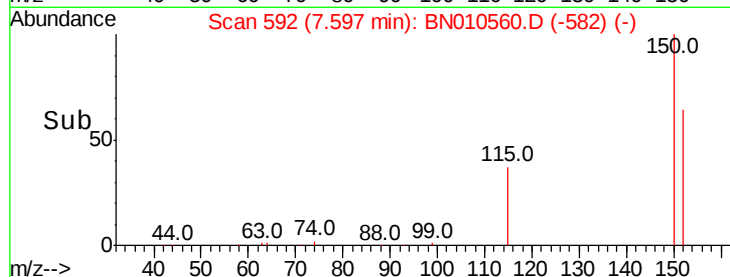
115 61.3 45.5 68.3



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: 0.389 ng

RT: 3.24 min Scan# 51

Delta R.T. -0.01 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

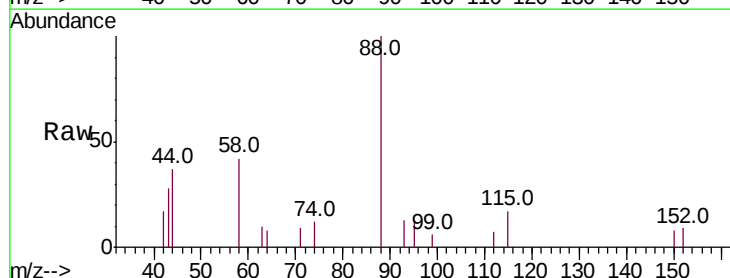
Tgt Ion: 88 Resp: 962

Ion Ratio Lower Upper

88 100

58 48.6 36.5 54.7

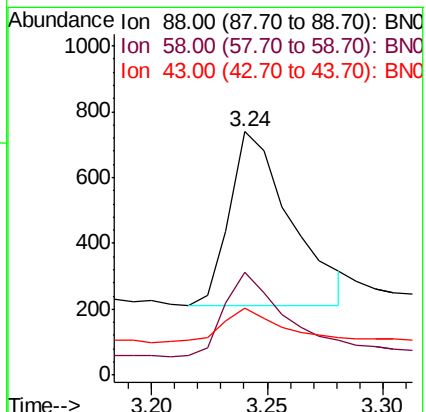
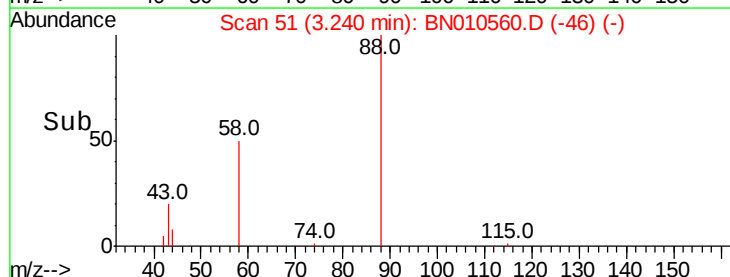
43 17.5 13.2 19.8



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



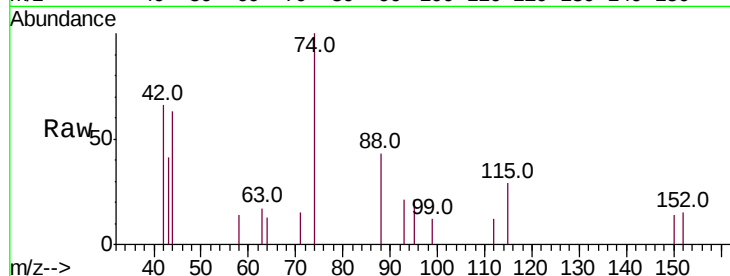


#3

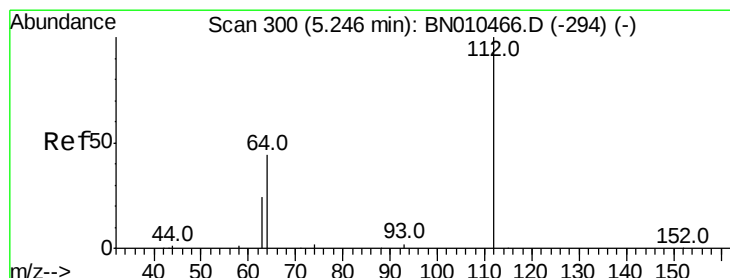
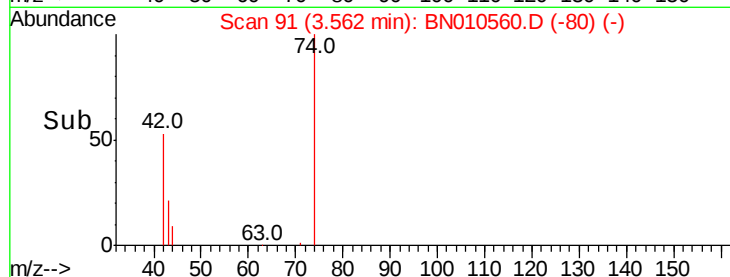
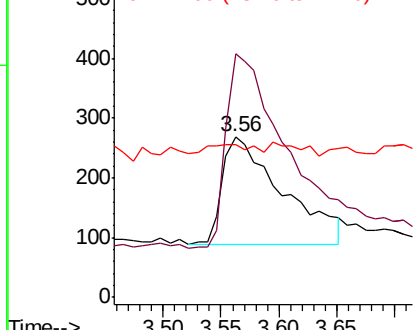
n-Nitrosodimethylamine
 Concen: 0.406 ng
 RT: 3.56 min Scan# 91
 Delta R.T. -0.01 min
 Lab File: BN010560.D
 Acq: 21 Apr 2020 11:07

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion: 42 Resp: 651
 Ion Ratio Lower Upper
 42 100
 74 182.5 162.2 243.4
 44 6.1 2.4 3.6#



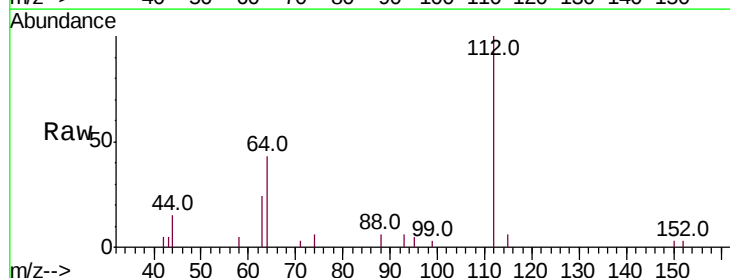
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



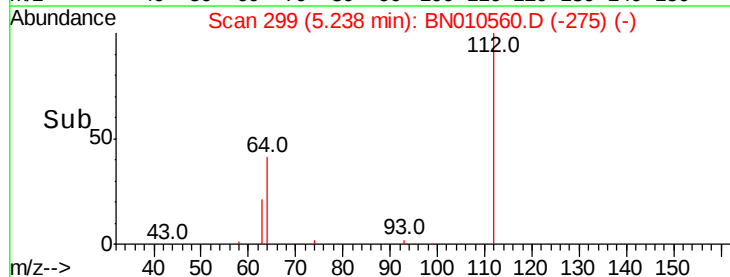
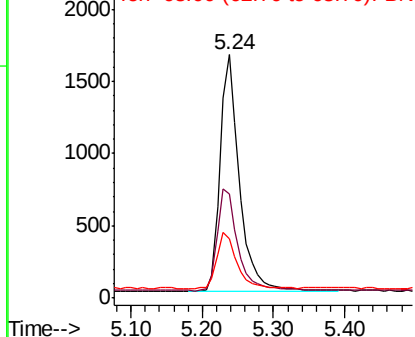
#4

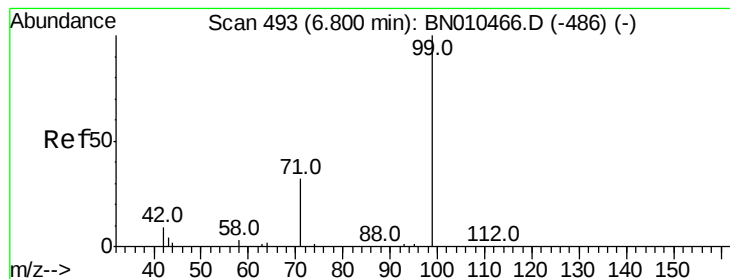
2-Fluorophenol
 Concen: 0.422 ng
 RT: 5.24 min Scan# 299
 Delta R.T. -0.01 min
 Lab File: BN010560.D
 Acq: 21 Apr 2020 11:07

Tgt Ion: 112 Resp: 3100
 Ion Ratio Lower Upper
 112 100
 64 45.4 35.8 53.8
 63 24.6 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: 0.402 ng

RT: 6.78 min Scan# 491

Delta R.T. -0.02 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

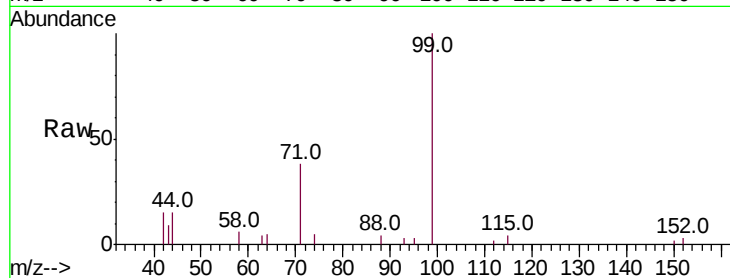
Tot Ion: 99 Resp: 3861

Ion Ratio Lower Upper

99 100

42 14.0 9.8 14.6

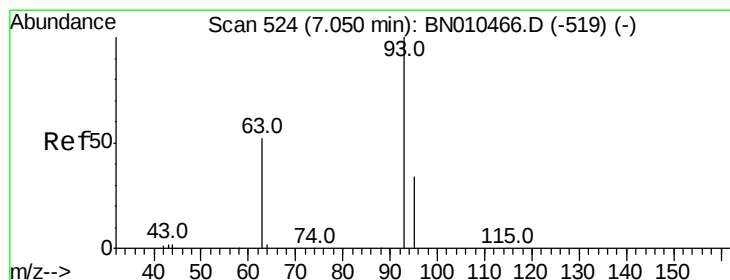
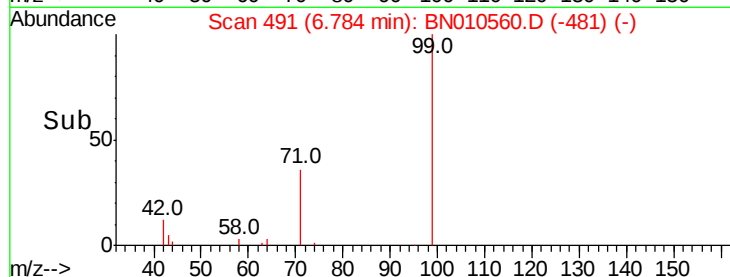
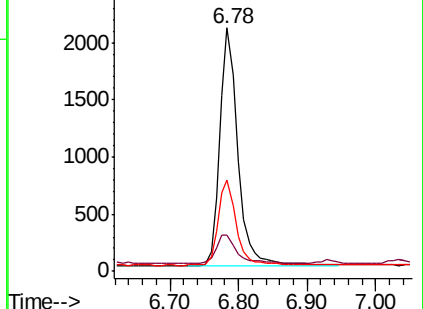
71 36.4 27.8 41.8



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: 0.417 ng

RT: 7.03 min Scan# 522

Delta R.T. -0.02 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

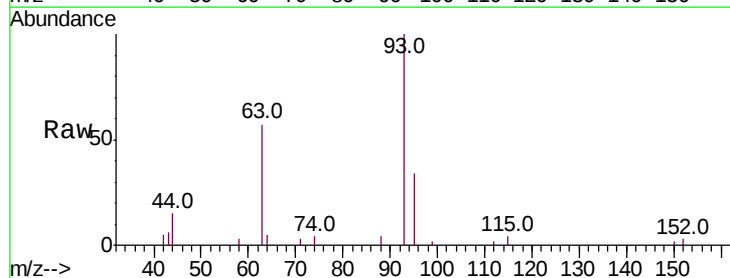
Tgt Ion: 93 Resp: 3469

Ion Ratio Lower Upper

93 100

63 57.3 44.6 66.8

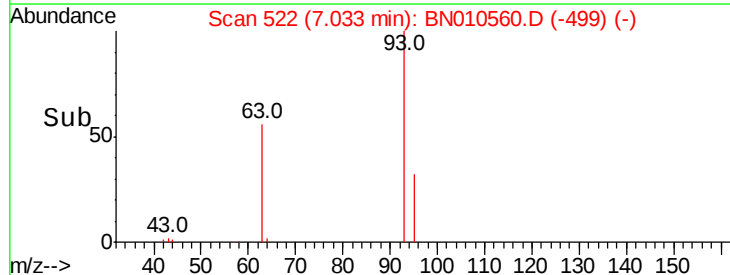
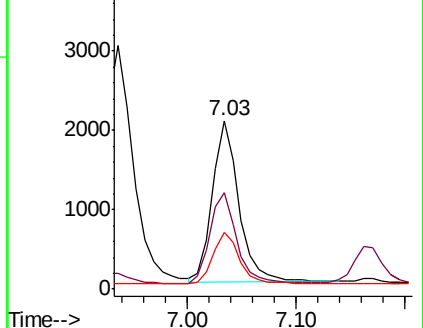
95 32.5 26.5 39.7



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: 10.35 min Scan# 842

Delta R.T. -0.01 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 14024

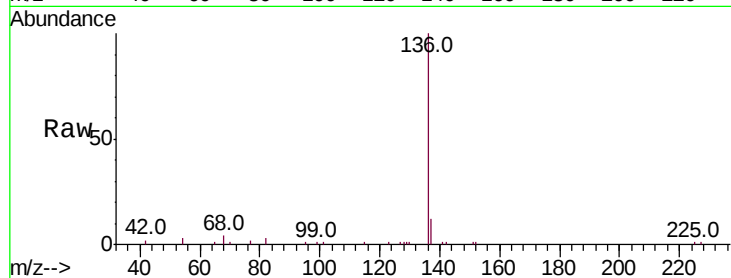
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 3.5 2.6 4.0

68 4.1 3.4 5.2

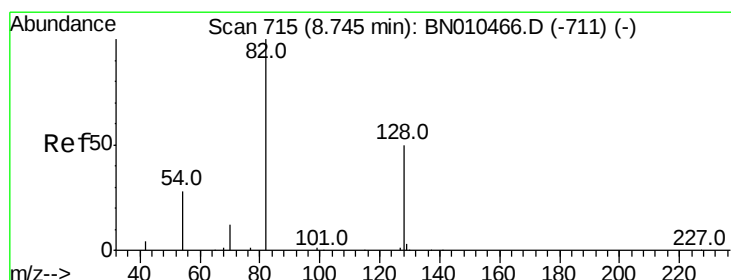
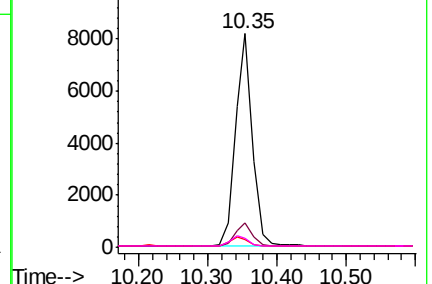
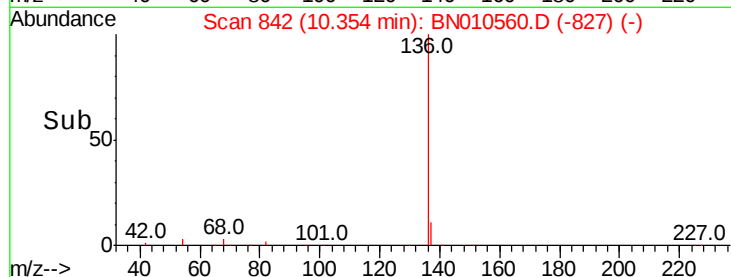


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.388 ng

RT: 8.73 min Scan# 714

Delta R.T. -0.01 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

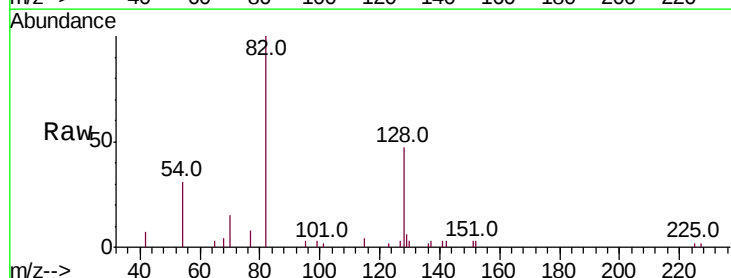
Tgt Ion: 82 Resp: 3808

Ion Ratio Lower Upper

82 100

128 46.8 41.3 61.9

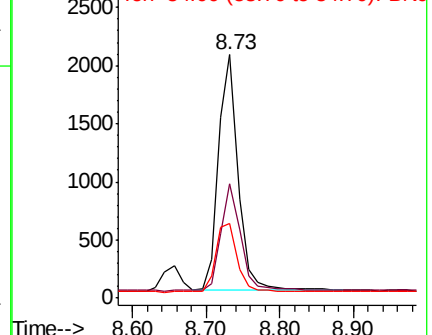
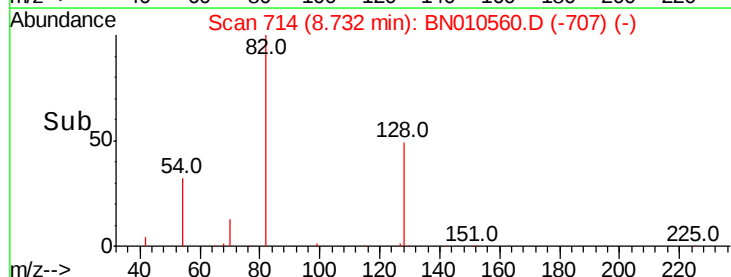
54 30.6 23.4 35.0



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: 0.407 ng

RT: 10.41 min Scan# 846

Delta R.T. -0.01 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

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SSTDCCC0.4

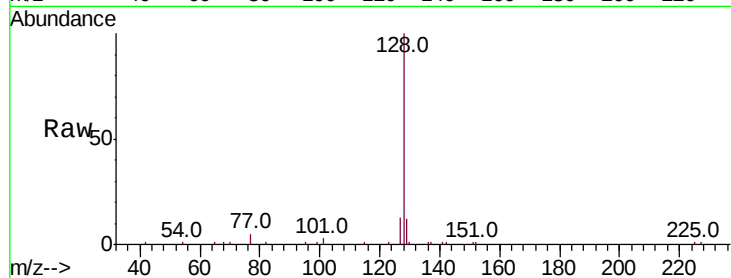
Tot Ion:128 Resp: 14187

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

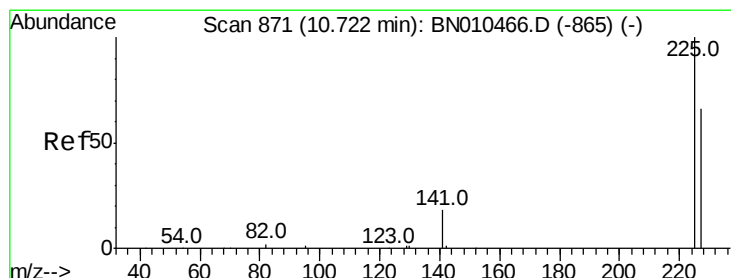
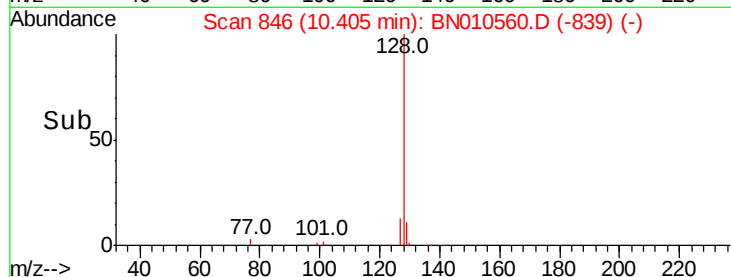
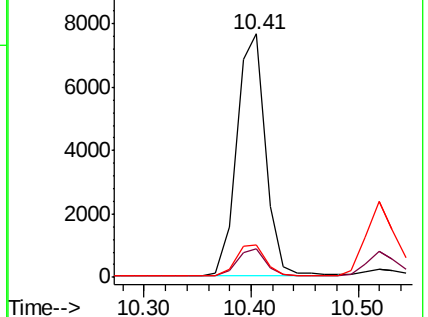
127 13.2 10.5 15.7



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: 0.410 ng

RT: 10.70 min Scan# 869

Delta R.T. -0.03 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

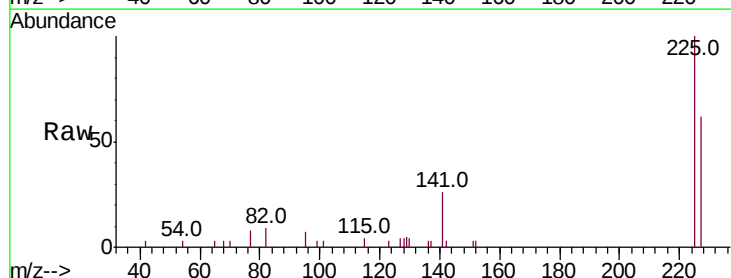
Tgt Ion:225 Resp: 3444

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

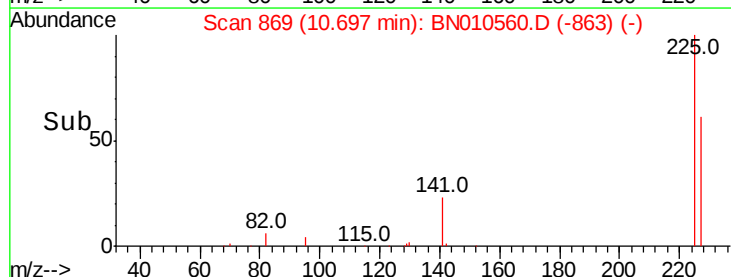
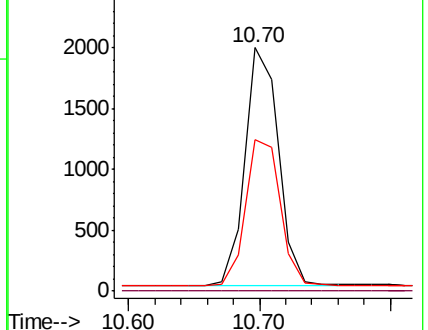
227 63.9 50.6 76.0

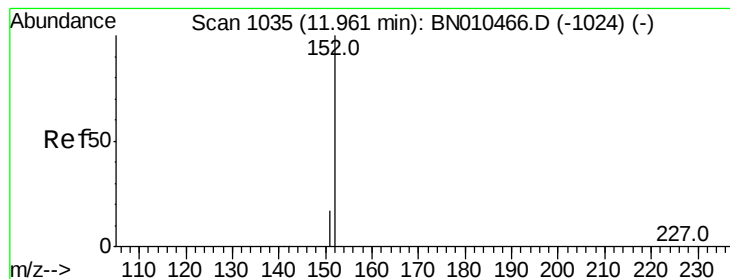


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.459 ng

RT: 11.95 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

Instrument :

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ClientSampleId :

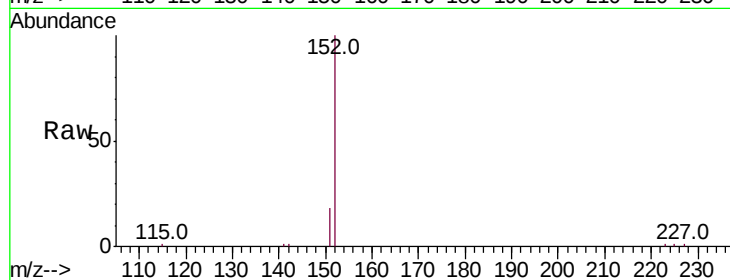
SSTDCCC0.4

Tot Ion:152 Resp: 10584

Ion Ratio Lower Upper

152 100

151 19.3 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.95

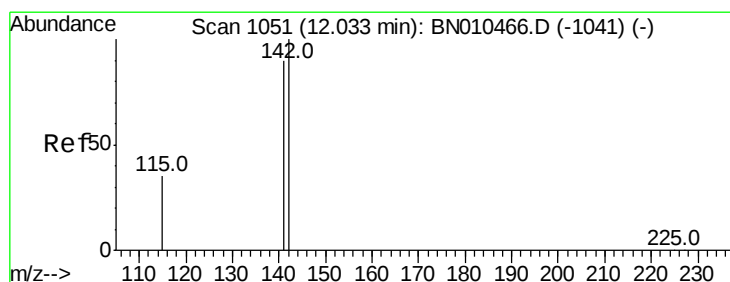
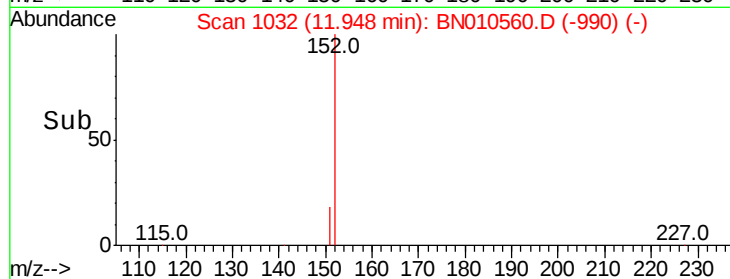
6000

4000

2000

0

Time--> 11.80 11.90 12.00 12.10



#12

2-Methylnaphthalene

Concen: 0.410 ng

RT: 12.02 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

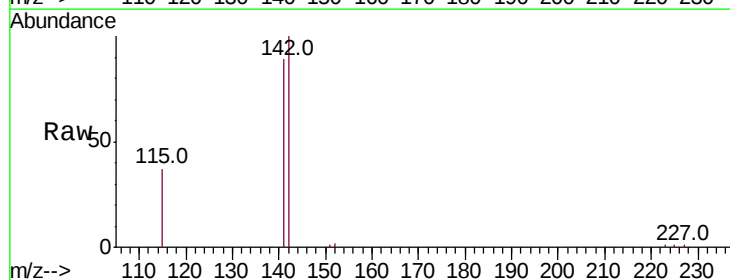
Tgt Ion:142 Resp: 10257

Ion Ratio Lower Upper

142 100

141 88.9 71.9 107.9

115 36.5 28.8 43.2



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

12.02

8000

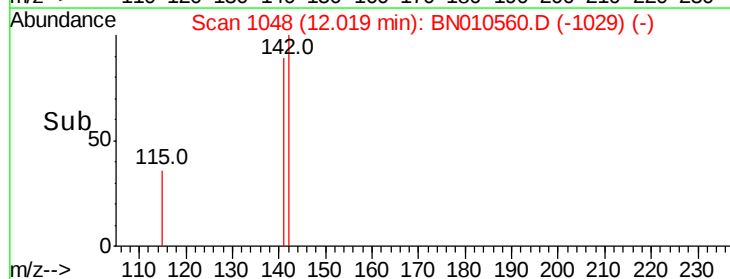
6000

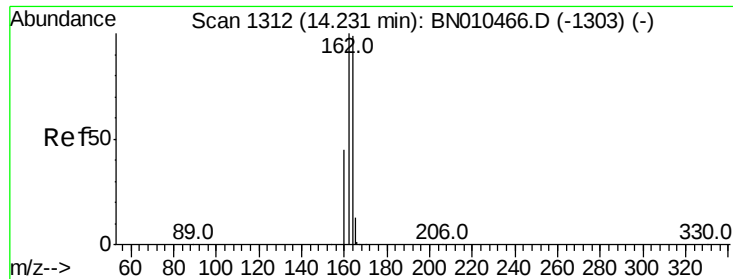
4000

2000

0

Time--> 11.90 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

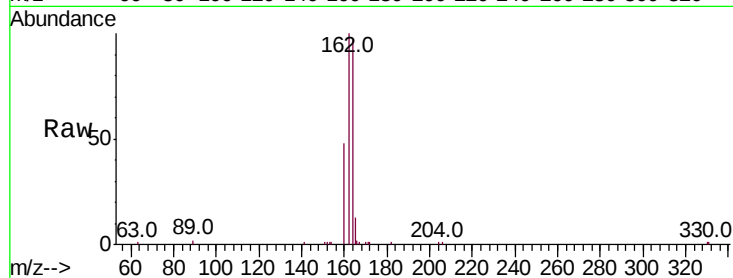
Tot Ion:164 Resp: 8961

Ion Ratio Lower Upper

164 100

162 103.2 80.6 121.0

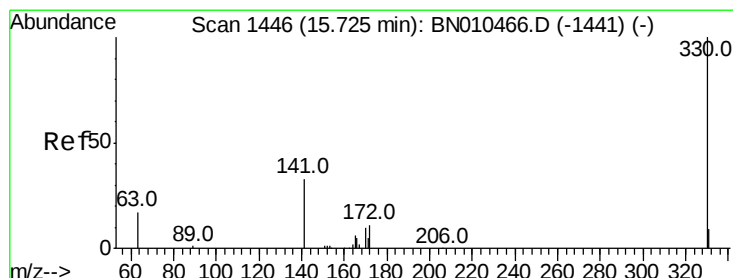
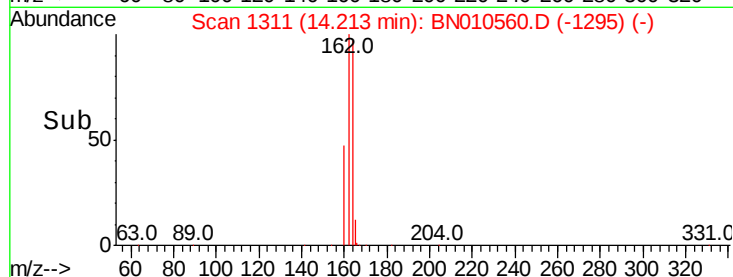
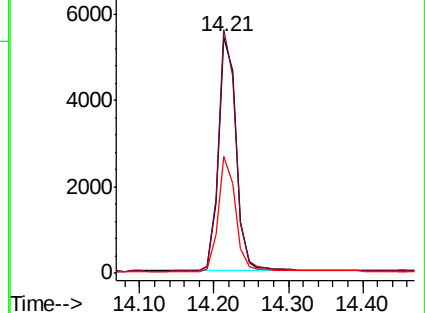
160 49.3 36.5 54.7



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: 0.317 ng

RT: 15.72 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

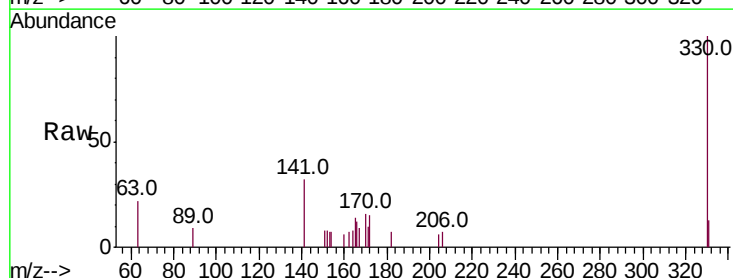
Tgt Ion:330 Resp: 1341

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

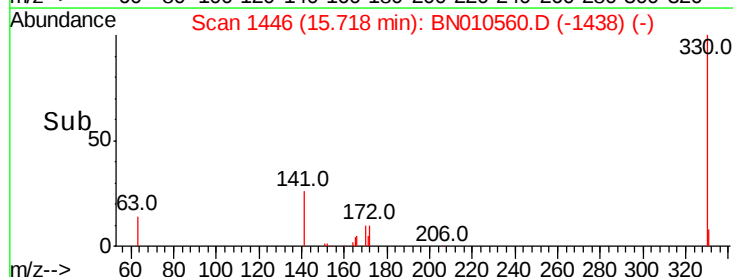
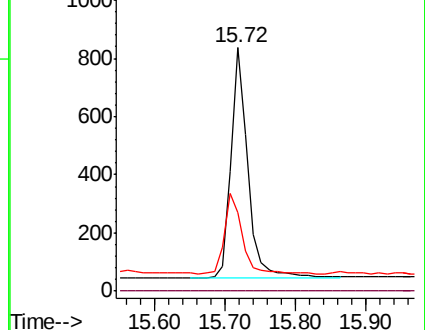
141 36.5 28.1 42.1

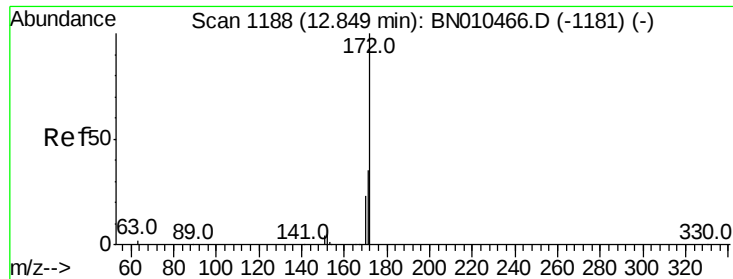


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

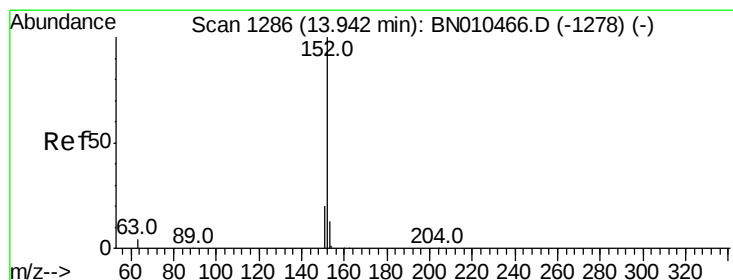
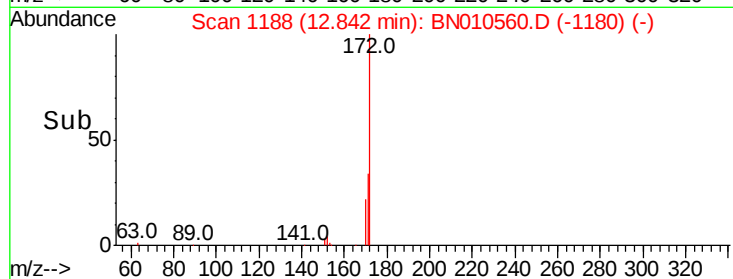
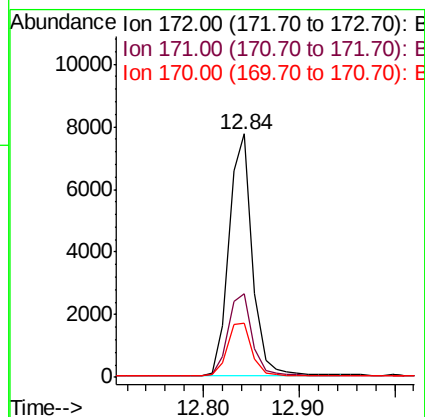
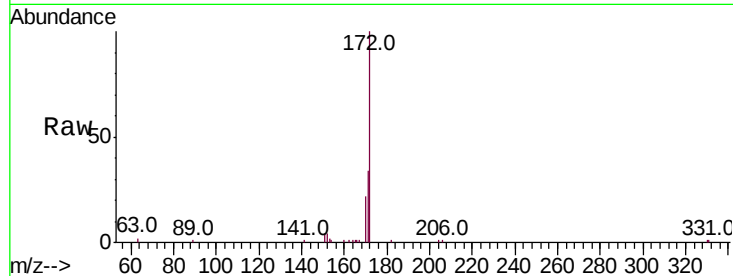




#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.84 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BN010560.D
Acq: 21 Apr 2020 11:07

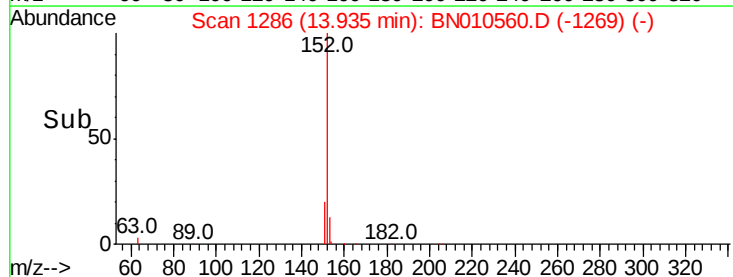
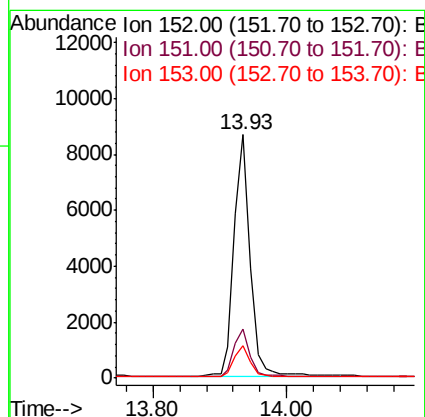
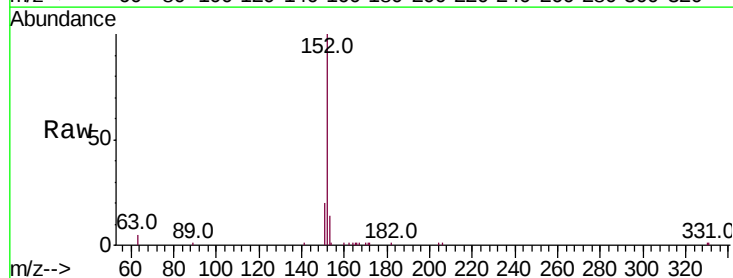
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 13192
Ion Ratio Lower Upper
172 100
171 34.1 28.2 42.2
170 22.0 18.4 27.6



#16
Acenaphthylene
Concen: 0.371 ng
RT: 13.93 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BN010560.D
Acq: 21 Apr 2020 11:07

Tgt Ion:152 Resp: 14366
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.402 ng

RT: 14.28 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

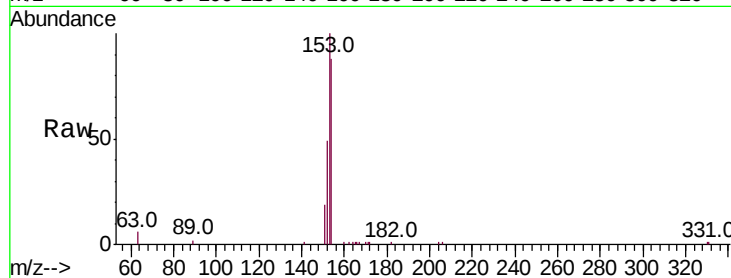
Tot Ion:154 Resp: 9996

Ion Ratio Lower Upper

154 100

153 113.9 91.0 136.4

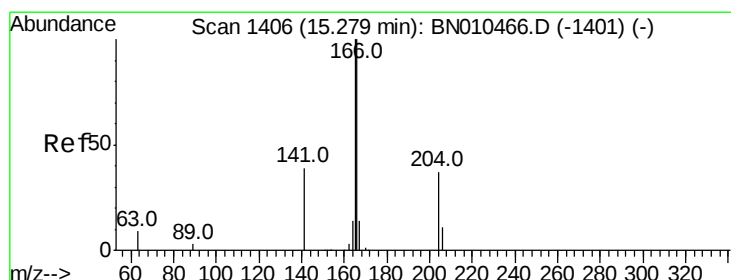
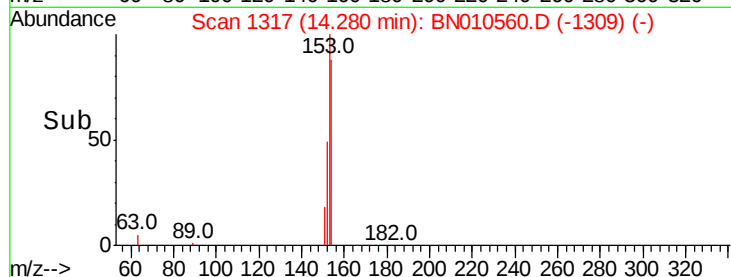
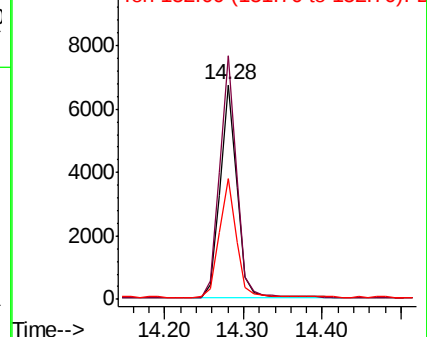
152 56.5 44.6 67.0



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# 1406

Delta R.T. -0.01 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

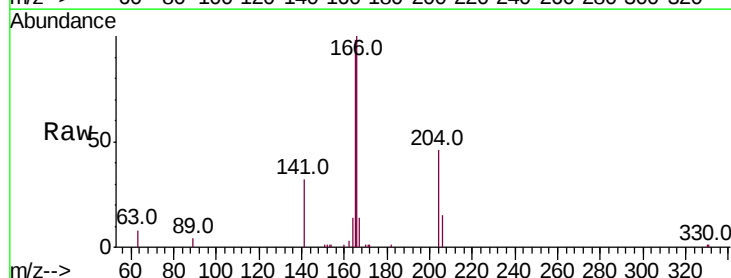
Tgt Ion:166 Resp: 13047

Ion Ratio Lower Upper

166 100

165 97.6 78.4 117.6

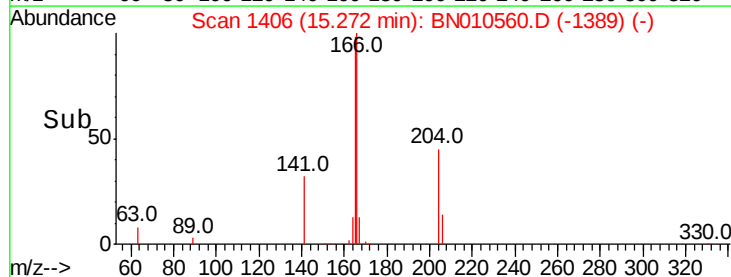
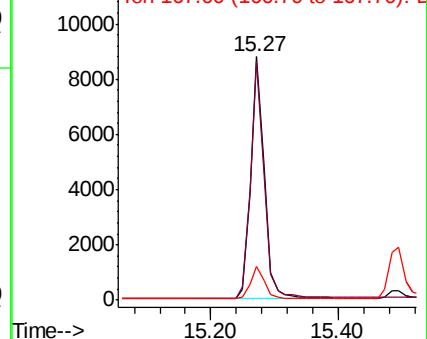
167 13.7 10.9 16.3

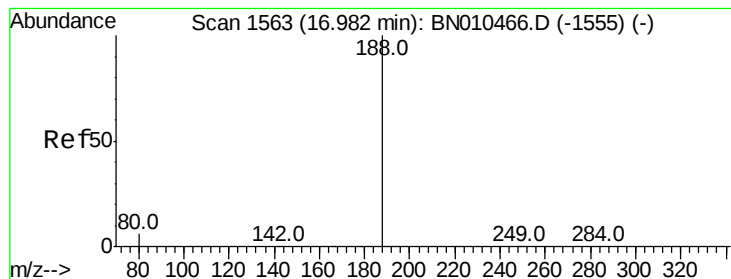


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1562

Delta R.T. -0.02 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

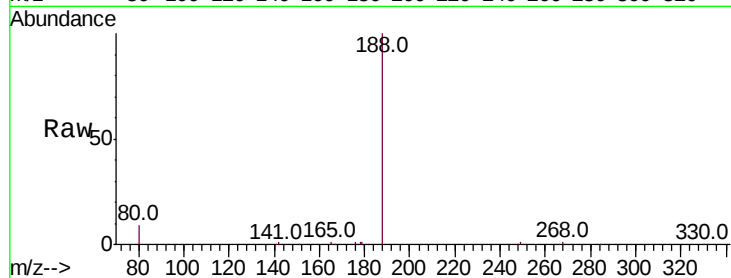
Tot Ion:188 Resp: 20200

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

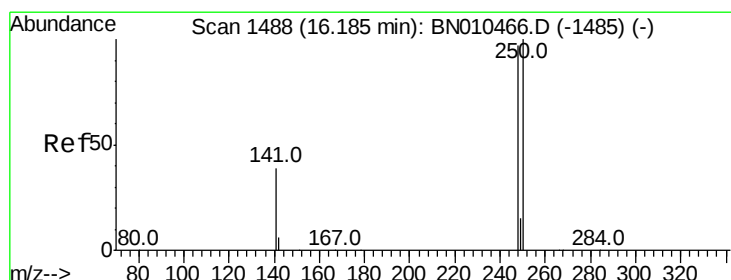
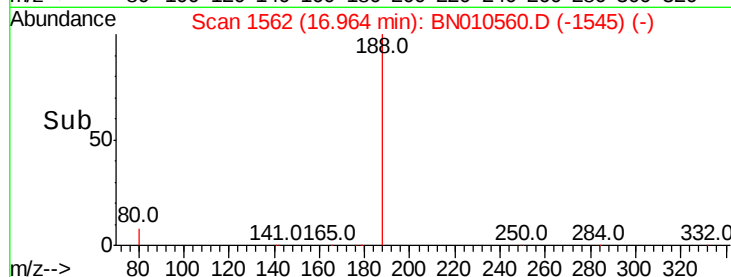
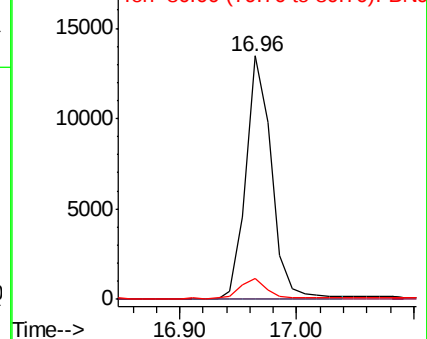
80 8.8 5.0 7.6#



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: 0.390 ng

RT: 16.17 min Scan# 1487

Delta R.T. -0.02 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

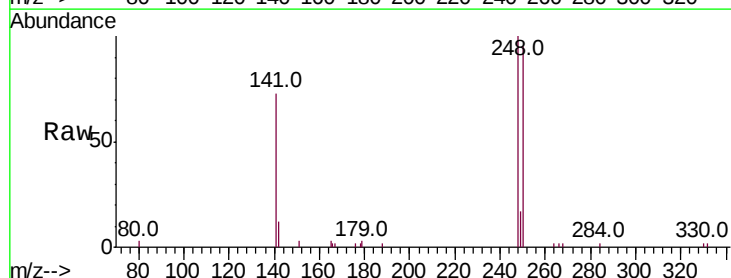
Tgt Ion:248 Resp: 4380

Ion Ratio Lower Upper

248 100

250 94.7 82.3 123.5

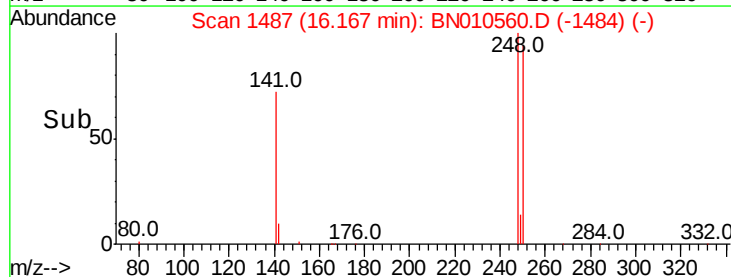
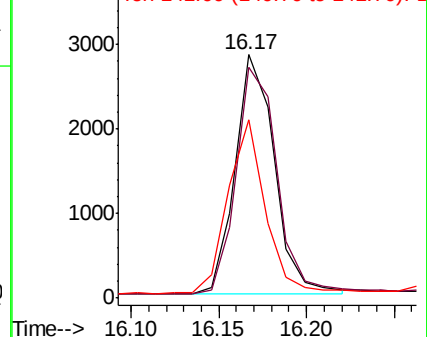
141 73.3 35.2 52.8#

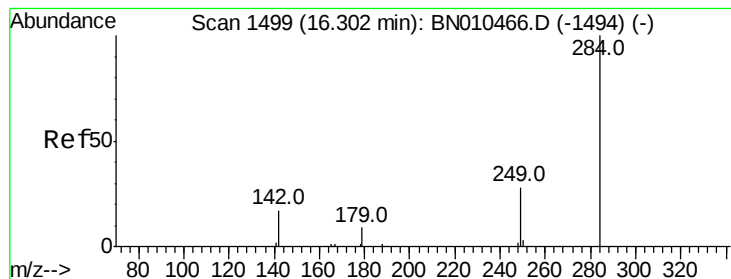


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.426 ng

RT: 16.28 min Scan# 1498

Delta R.T. -0.02 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

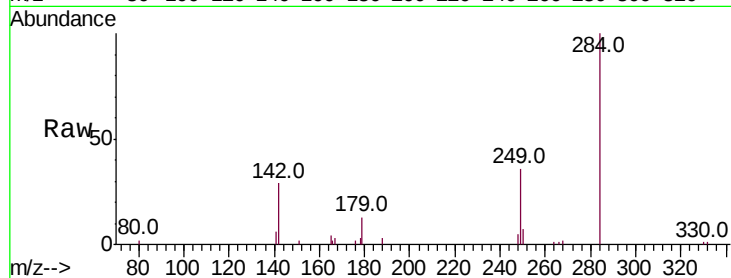
Tot Ion:284 Resp: 5455

Ion Ratio Lower Upper

284 100

142 33.4 25.5 38.3

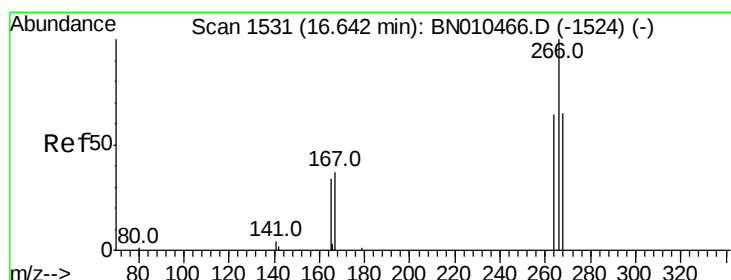
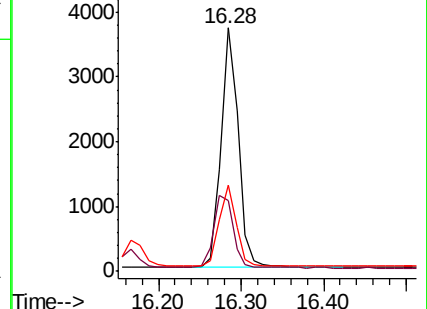
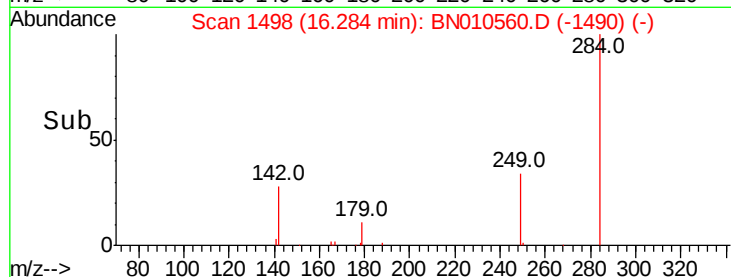
249 32.6 25.8 38.6



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: 0.287 ng

RT: 16.63 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

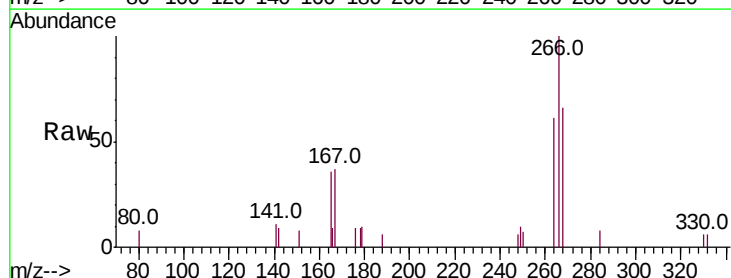
Tgt Ion:266 Resp: 1444

Ion Ratio Lower Upper

266 100

264 61.1 51.8 77.6

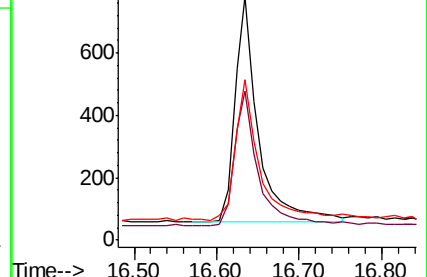
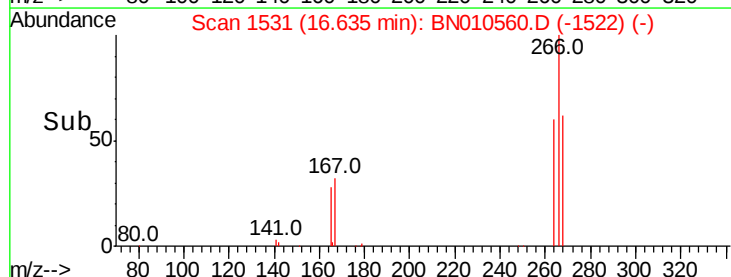
268 65.8 53.7 80.5



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: 0.407 ng

RT: 17.01 min Scan# 1566

Delta R.T. -0.02 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

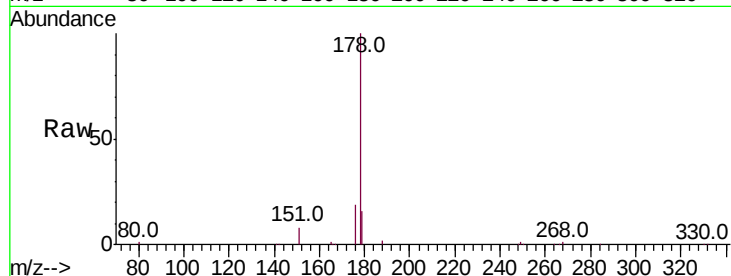
Tot Ion:178 Resp: 22220

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

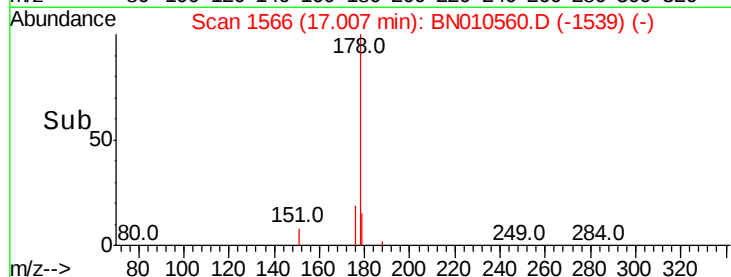
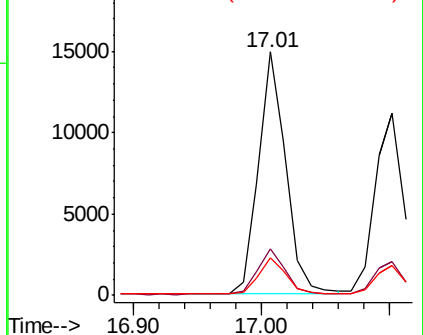
179 15.4 12.6 18.8



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: 0.368 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

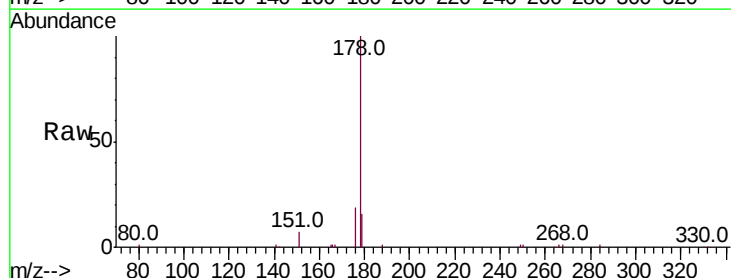
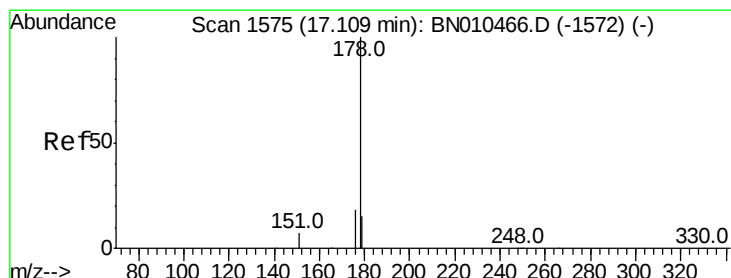
Tgt Ion:178 Resp: 18341

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

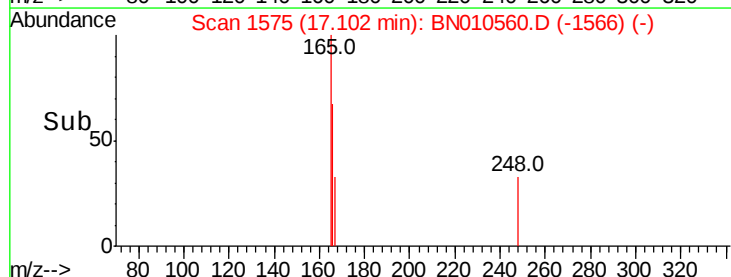
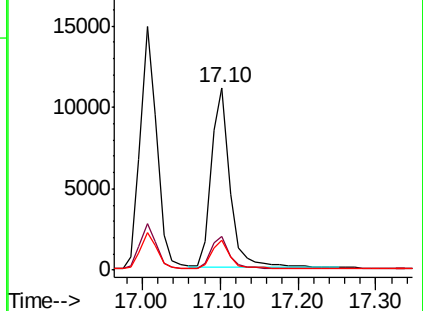
179 15.3 12.2 18.2

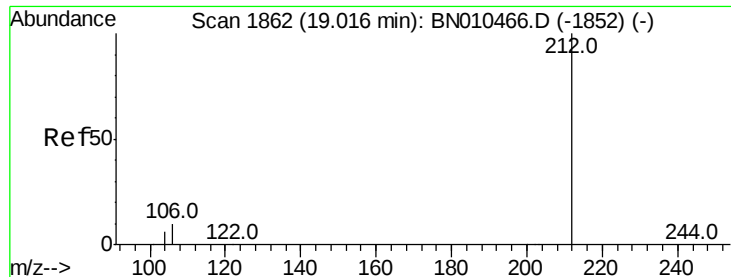


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.431 ng

RT: 19.00 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

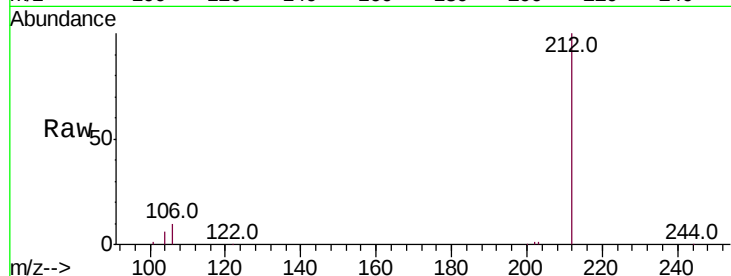
Tot Ion:212 Resp: 26425

Ion Ratio Lower Upper

212 100

106 9.7 7.8 11.6

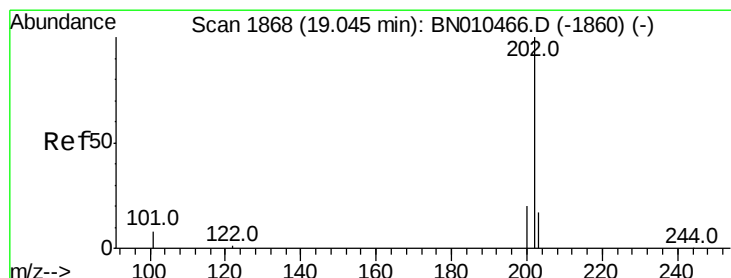
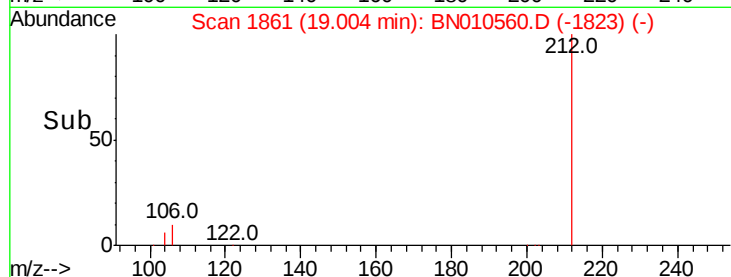
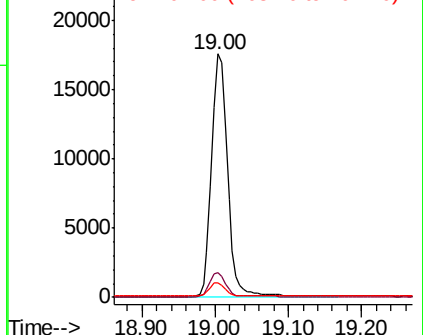
104 5.6 4.5 6.7



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: 0.393 ng

RT: 19.03 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

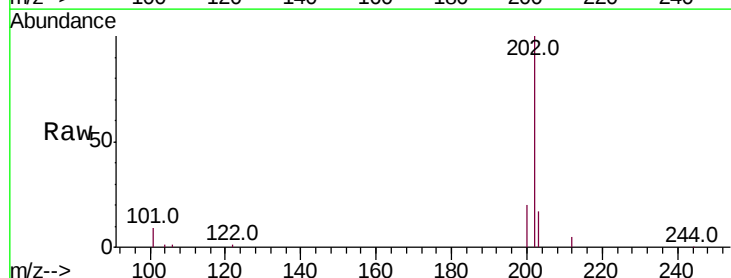
Tgt Ion:202 Resp: 26678

Ion Ratio Lower Upper

202 100

101 8.5 6.9 10.3

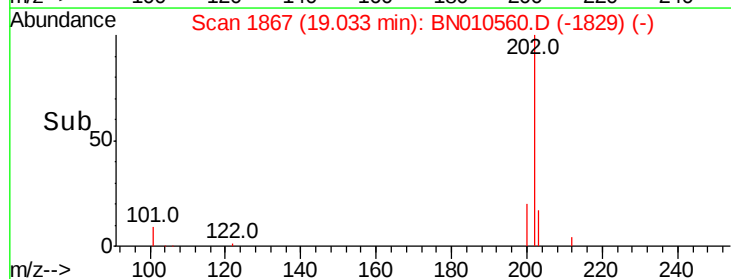
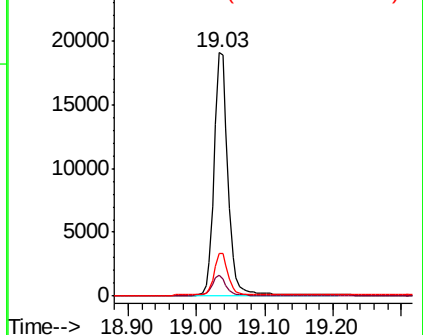
203 17.1 13.9 20.9



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# 2173

Delta R.T. -0.01 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

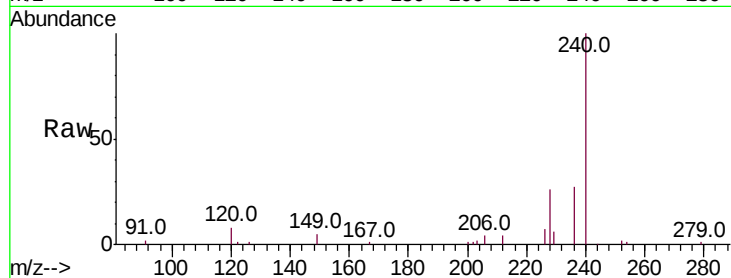
Tot Ion:240 Resp: 18426

Ion Ratio Lower Upper

240 100

120 7.6 4.8 7.2#

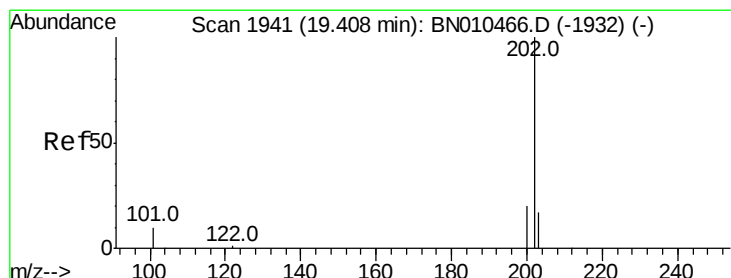
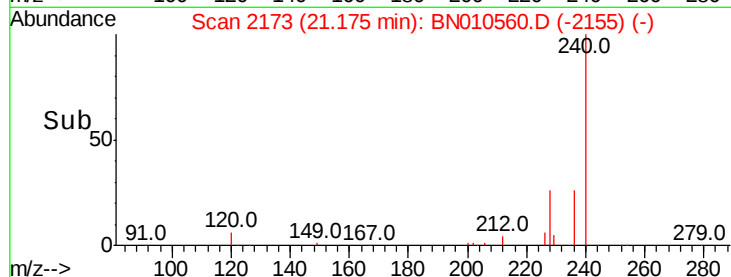
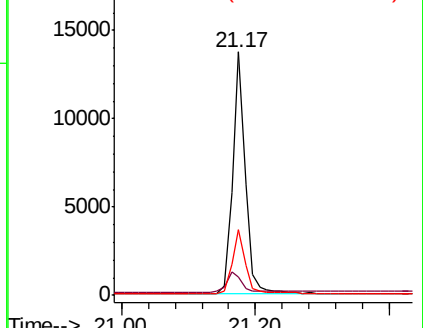
236 26.9 21.4 32.0



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: 0.424 ng

RT: 19.40 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

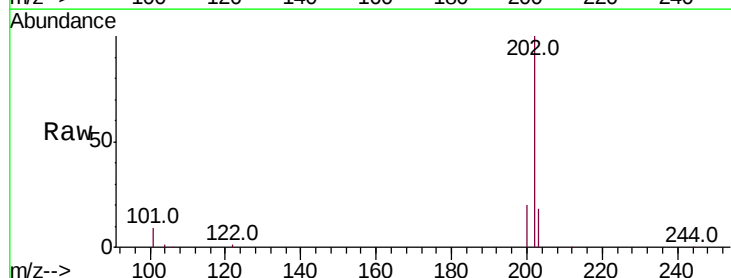
Tgt Ion:202 Resp: 26298

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

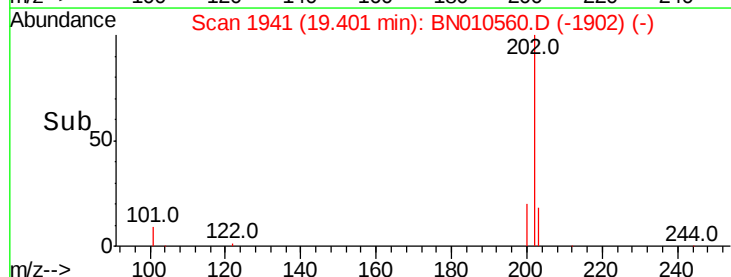
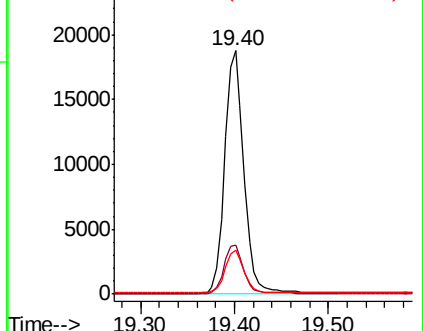
203 17.6 14.0 21.0

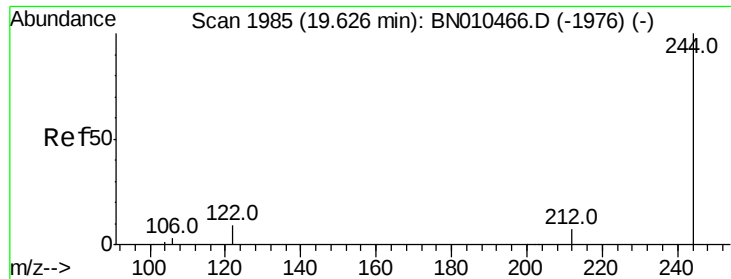


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.425 ng

RT: 19.62 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

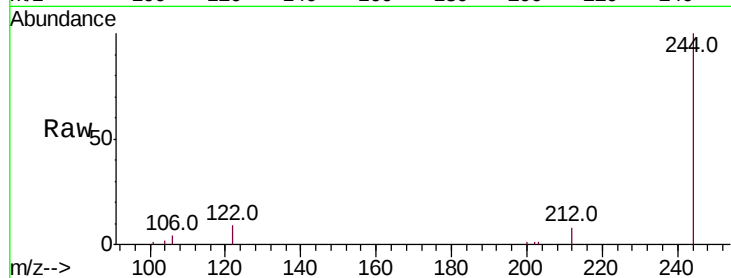
Tot Ion:244 Resp: 17908

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.4

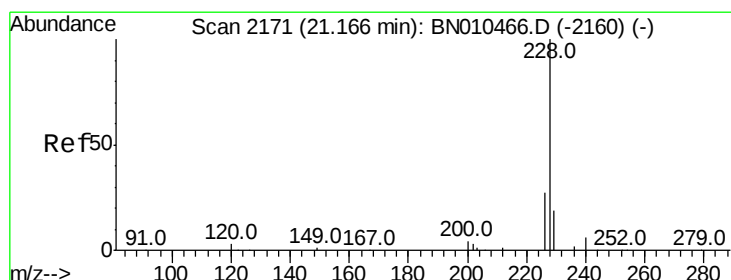
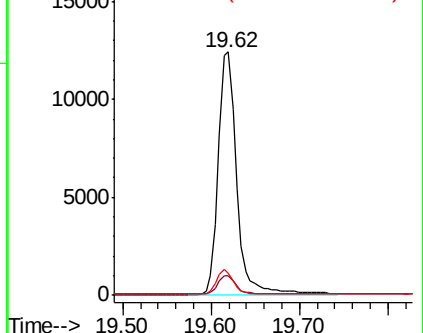
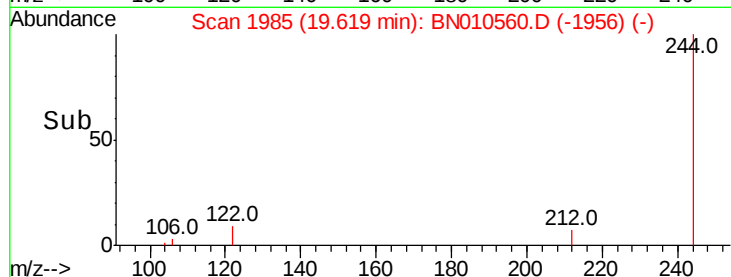
122 8.9 7.8 11.8



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: 0.361 ng

RT: 21.15 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

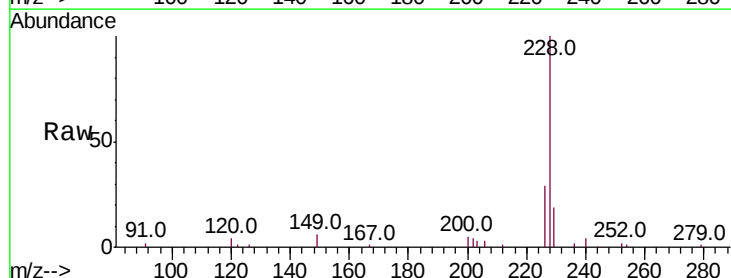
Tgt Ion:228 Resp: 21718

Ion Ratio Lower Upper

228 100

226 28.5 21.7 32.5

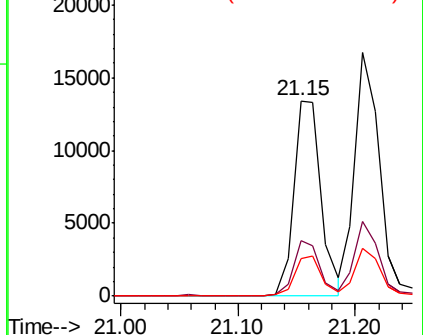
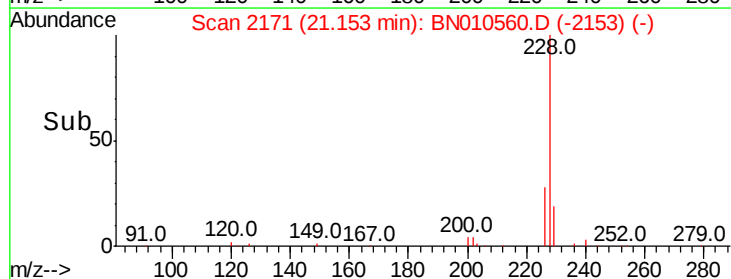
229 19.3 15.6 23.4

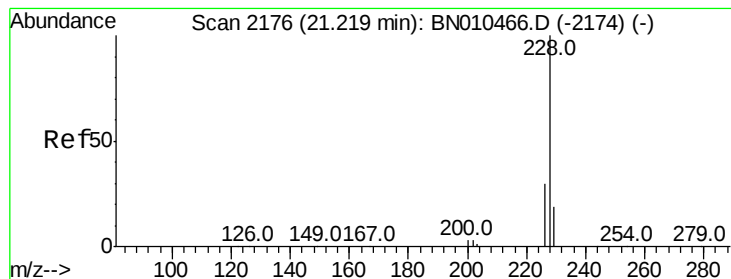


Abundance Ion 228.00 (227.70 to 228.70): E

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: 21.21 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

Instrument :

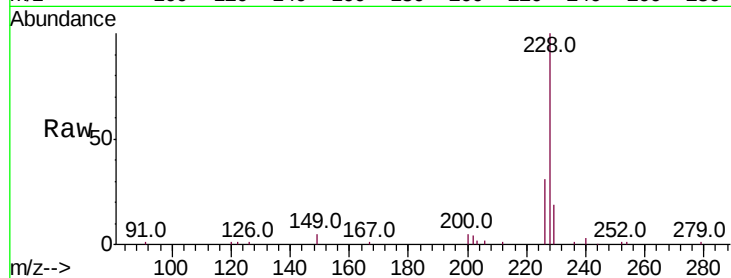
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 24240

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	19.5	15.8	23.6

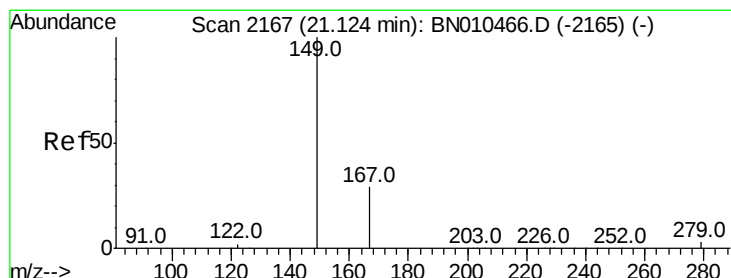
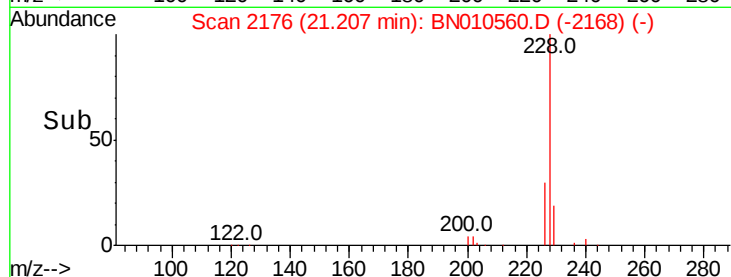
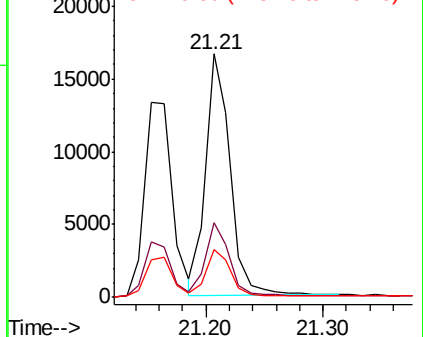


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.272 ng

RT: 21.11 min Scan# 2167

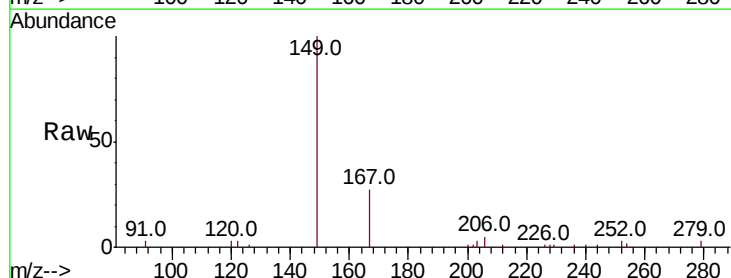
Delta R.T. -0.01 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

Tgt Ion:149 Resp: 8395

Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.4	35.0
279	4.8	4.0	6.0

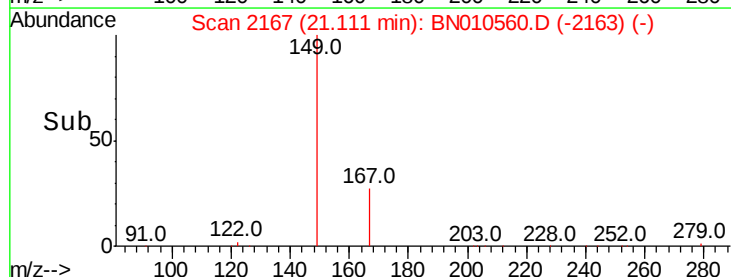
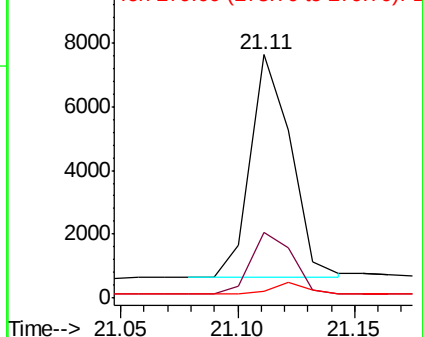


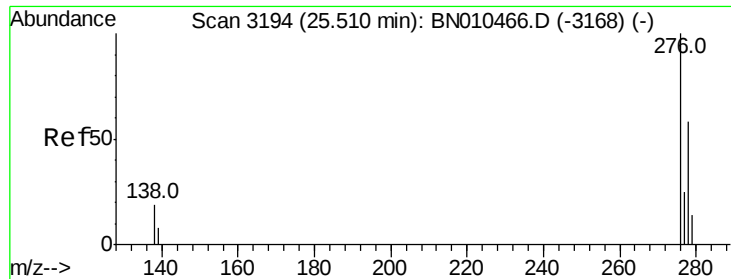
Abundance

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: 0.432 ng

RT: 25.49 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

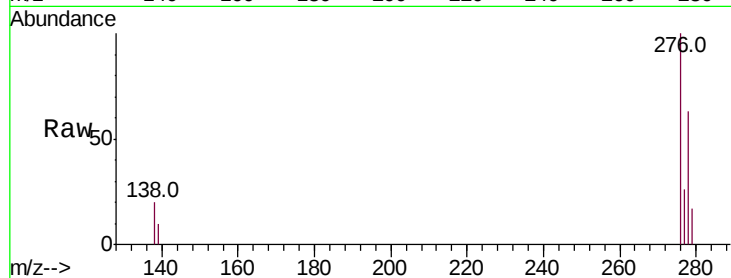
Tot Ion:276 Resp: 22851

Ion Ratio Lower Upper

276 100

138 20.1 16.4 24.6

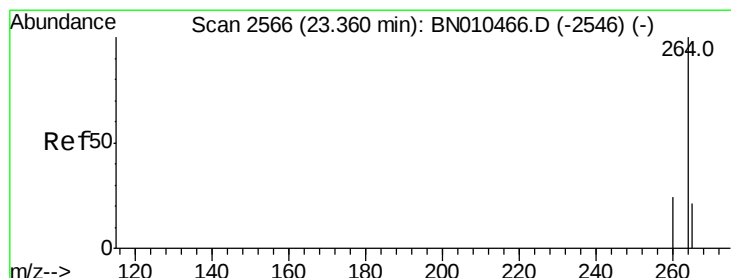
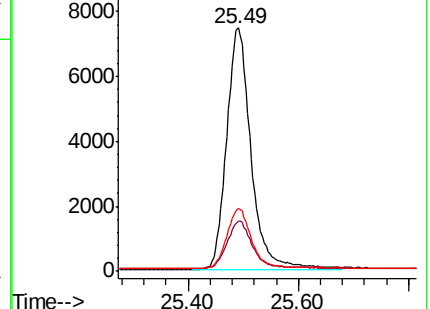
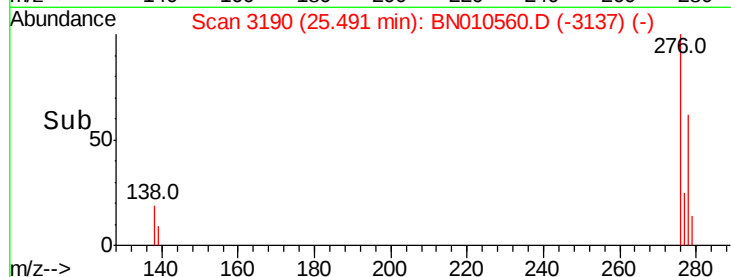
277 24.7 19.8 29.6



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: 23.35 min Scan# 2564

Delta R.T. -0.01 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

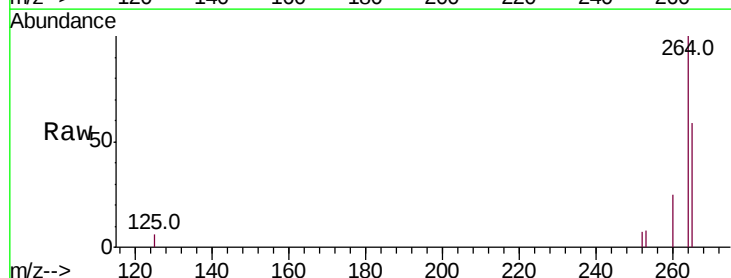
Tgt Ion:264 Resp: 16117

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.8

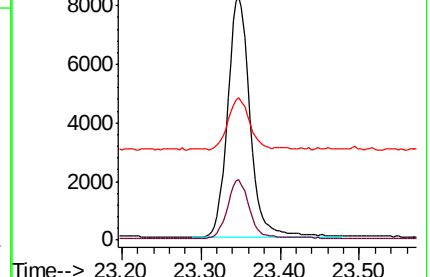
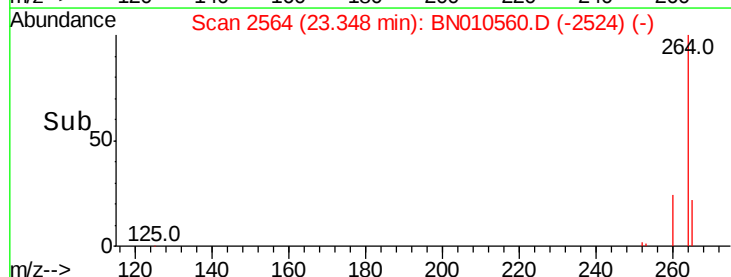
265 58.7 42.3 63.5



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

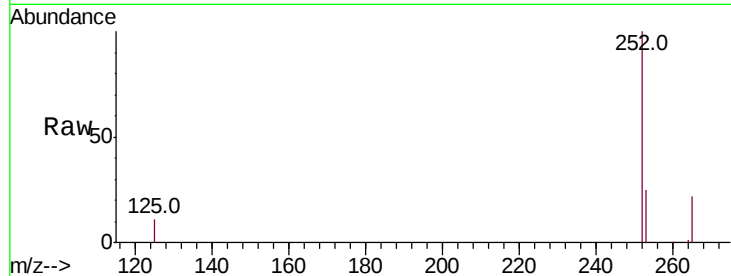




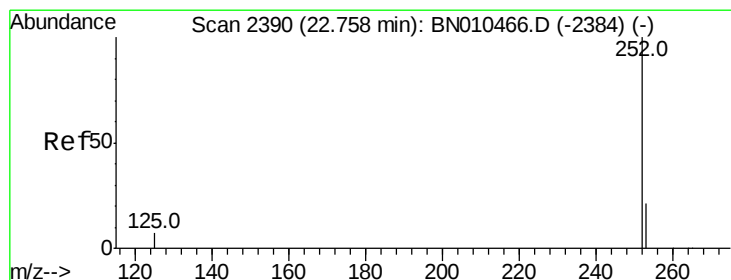
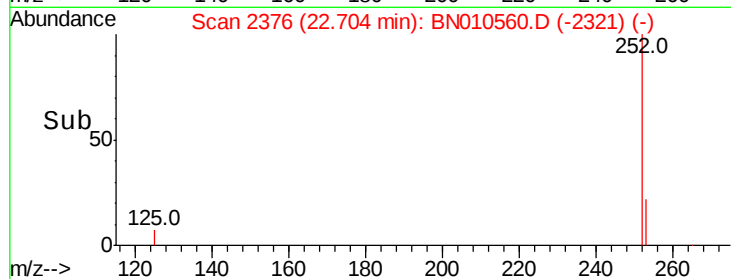
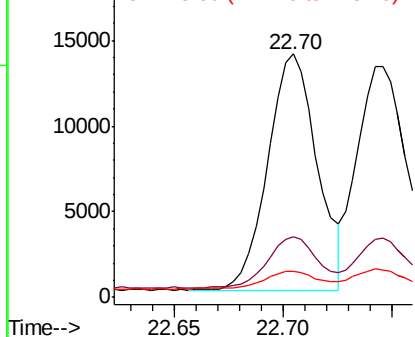
#35
Benzo(b)fluoranthene
Concen: 0.407 ng
RT: 22.70 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BN010560.D
Acq: 21 Apr 2020 11:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:252 Resp: 21607
Ion Ratio Lower Upper
252 100
253 25.1 20.2 30.4
125 10.9 9.2 13.8

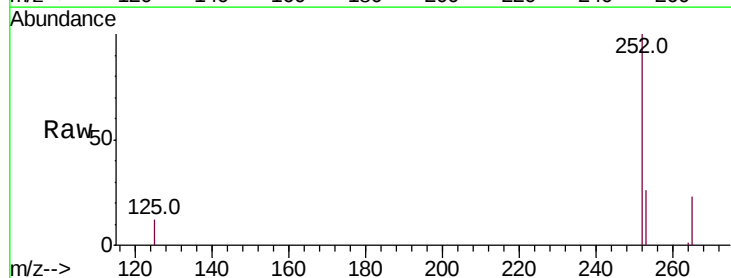


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

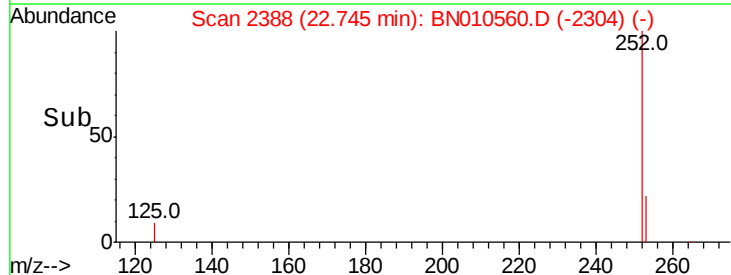
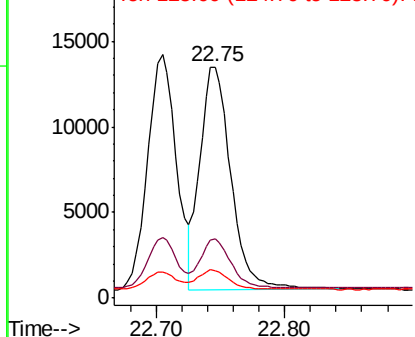


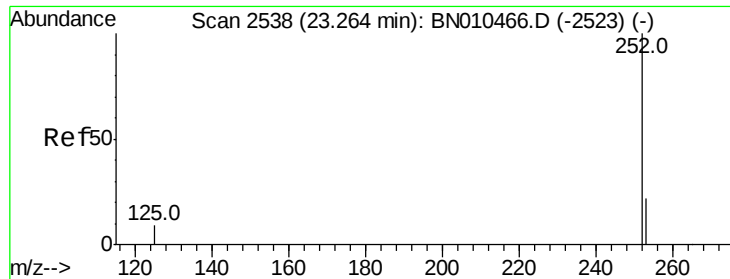
#36
Benzo(k)fluoranthene
Concen: 0.410 ng
RT: 22.75 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BN010560.D
Acq: 21 Apr 2020 11:07

Tgt Ion:252 Resp: 21802
Ion Ratio Lower Upper
252 100
253 25.6 20.1 30.1
125 11.8 9.6 14.4



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: 0.390 ng

RT: 23.25 min Scan# 2536

Delta R.T. -0.01 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

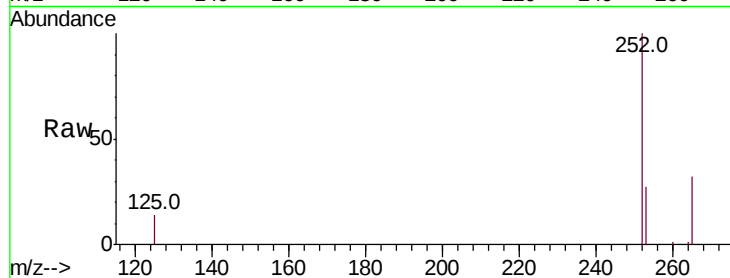
Tot Ion:252 Resp: 18318

Ion Ratio Lower Upper

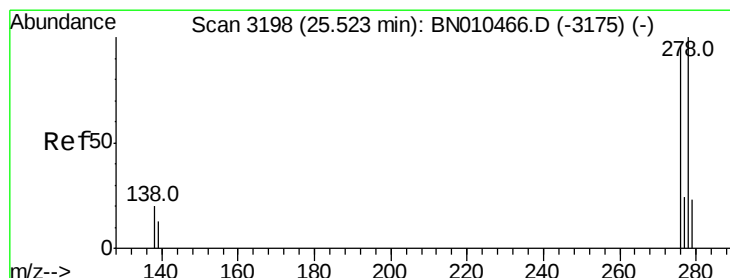
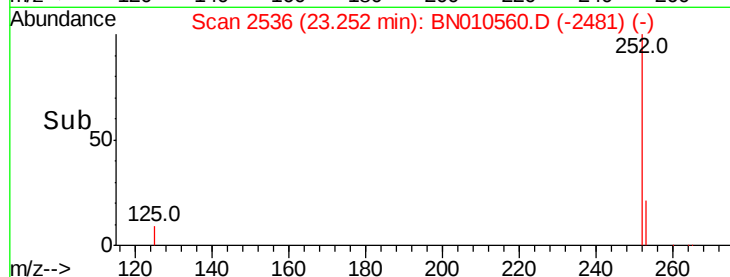
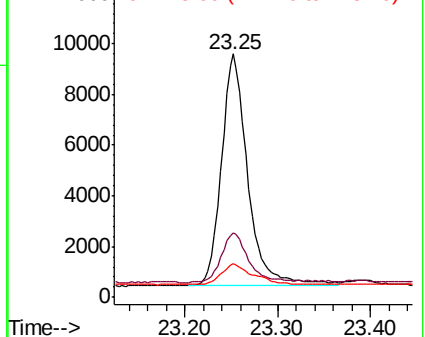
252 100

253 26.5 21.8 32.8

125 13.7 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: 0.424 ng

RT: 25.50 min Scan# 3193

Delta R.T. -0.02 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

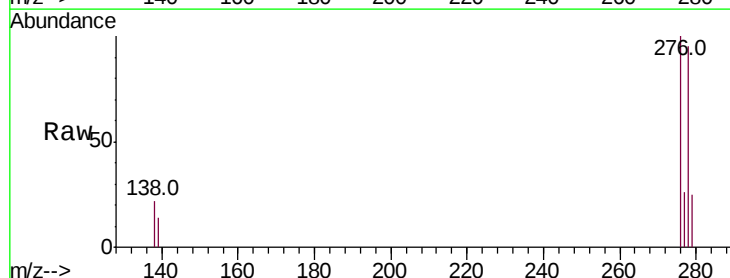
Tgt Ion:278 Resp: 18213

Ion Ratio Lower Upper

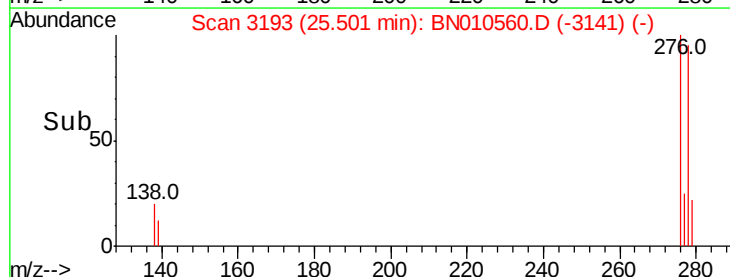
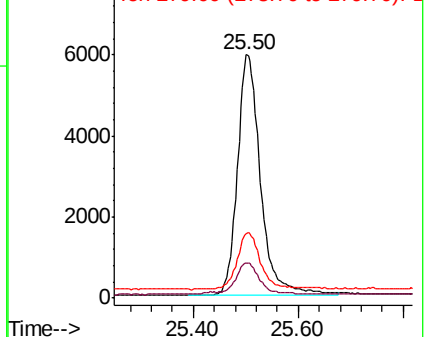
278 100

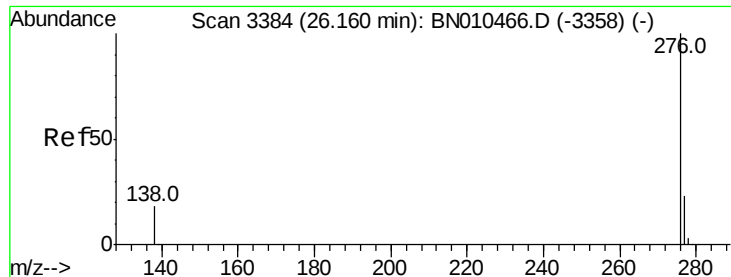
139 14.5 12.3 18.5

279 26.7 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: 0.444 ng

RT: 26.14 min Scan# 3379

Delta R.T. -0.02 min

Lab File: BN010560.D

Acq: 21 Apr 2020 11:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

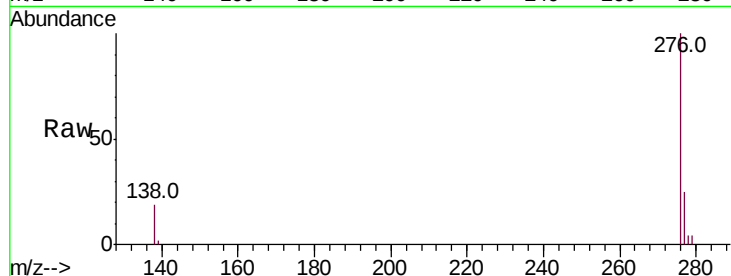
Tot Ion:276 Resp: 19211

Ion Ratio Lower Upper

276 100

277 24.5 20.2 30.2

138 18.9 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

