

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042420\
 Data File : BN010588.D
 Acq On : 24 Apr 2020 12:17
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Apr 24 12:49:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 12:47:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	4520	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	18584	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	11607	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	25654	0.40	ng	0.00
27) Chrysene-d12	21.17	240	22364	0.40	ng	0.00
34) Perylene-d12	23.34	264	20425	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	4326	0.44	ng	0.00
5) Phenol-d6	6.78	99	5401	0.42	ng	0.00
8) Nitrobenzene-d5	8.73	82	5280	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.94	152	14128	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	1874	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	17286	0.41	ng	0.00
25) Fluoranthene-d10	19.00	212	33348	0.43	ng	0.00
29) Terphenyl-d14	19.61	244	22357	0.44	ng	0.00

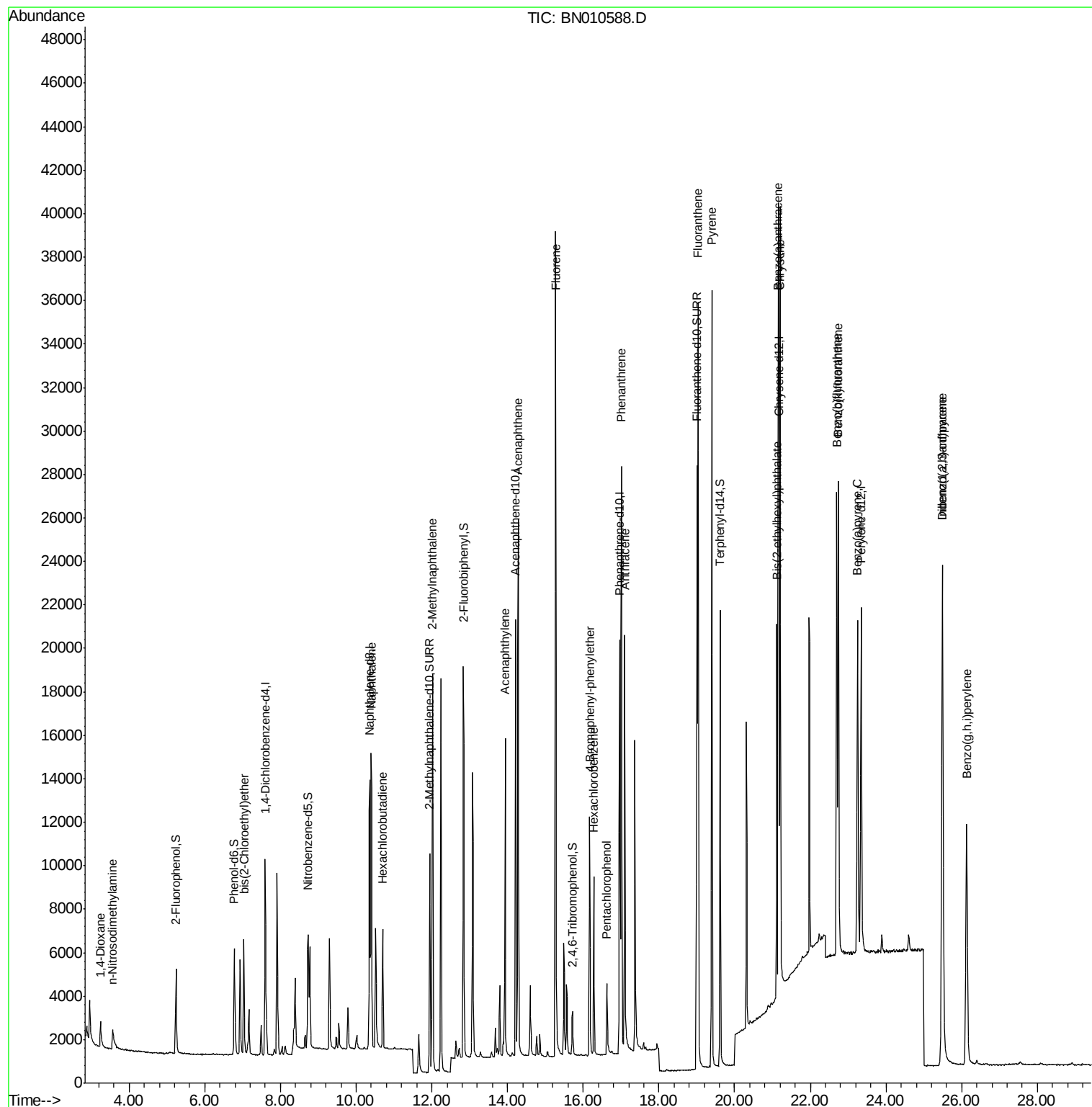
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	1313	0.395	ng	97
3) n-Nitrosodimethylamine	3.56	42	929	0.431	ng	# 91
6) bis(2-Chloroethyl)ether	7.03	93	4801	0.428	ng	98
9) Naphthalene	10.39	128	19065	0.413	ng	99
10) Hexachlorobutadiene	10.70	225	4541	0.408	ng	# 99
12) 2-Methylnaphthalene	12.02	142	13640	0.411	ng	99
16) Acenaphthylene	13.93	152	19120	0.381	ng	100
17) Acenaphthene	14.28	154	13136	0.408	ng	100
18) Fluorene	15.27	166	16769	0.397	ng	100
20) 4-Bromophenyl-phenylether	16.17	248	5594	0.393	ng	# 91
21) Hexachlorobenzene	16.28	284	6928	0.426	ng	98
22) Pentachlorophenol	16.62	266	2054	0.321	ng	99
23) Phenanthrene	17.01	178	28370	0.409	ng	100
24) Anthracene	17.09	178	23889	0.377	ng	100
26) Fluoranthene	19.03	202	33315	0.386	ng	99
28) Pyrene	19.40	202	33032	0.439	ng	100
30) Benzo(a)anthracene	21.15	228	28718	0.394	ng	99
31) Chrysene	21.21	228	29180	0.401	ng	100
32) Bis(2-ethylhexyl)phthalate	21.11	149	13049	0.349	ng	99
33) Indeno(1,2,3-cd)pyrene	25.48	276	28764	0.448	ng	99
35) Benzo(b)fluoranthene	22.70	252	27299	0.406	ng	100
36) Benzo(k)fluoranthene	22.74	252	27479	0.408	ng	99
37) Benzo(a)pyrene	23.25	252	23392	0.393	ng	99
38) Dibenzo(a,h)anthracene	25.49	278	22701	0.417	ng	98
39) Benzo(g,h,i)perylene	26.13	276	23869	0.436	ng	100

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

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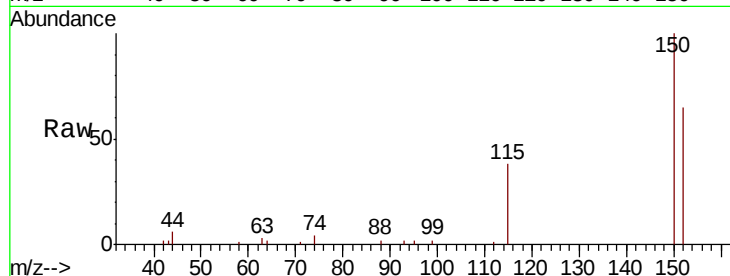


#1

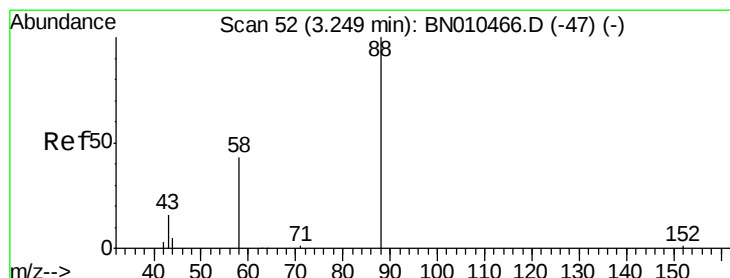
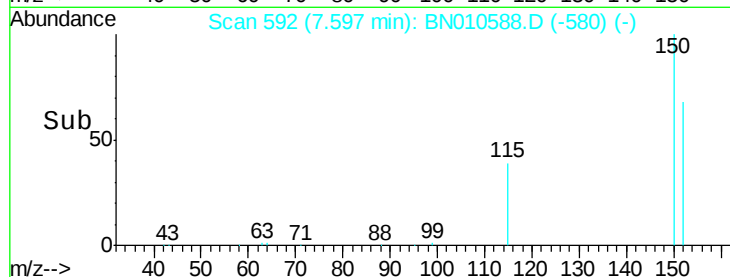
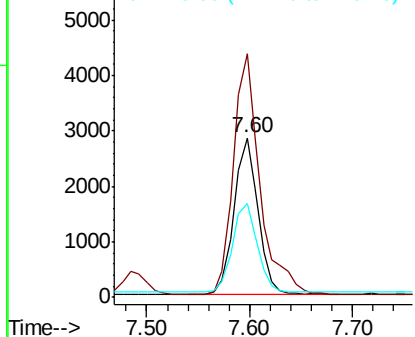
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN010588.D
Acq: 24 Apr 2020 12:17

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 4520
Ion Ratio Lower Upper
152 100
150 152.8 121.8 182.6
115 58.5 45.5 68.3



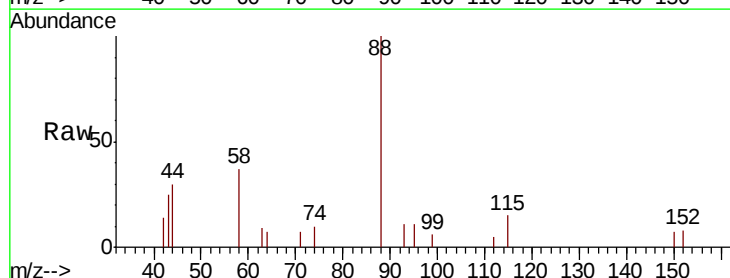
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



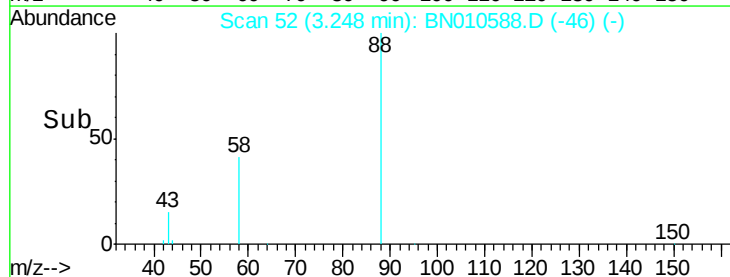
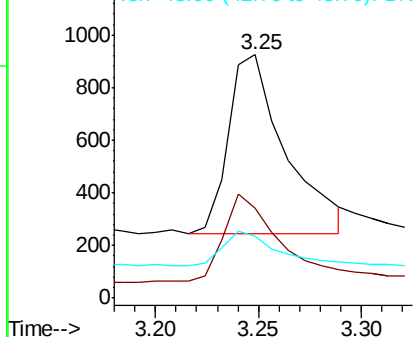
#2

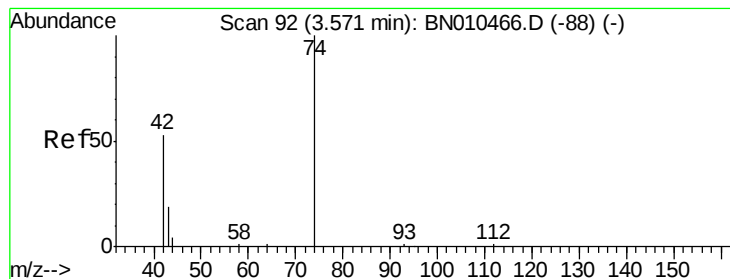
1,4-Dioxane
Concen: 0.395 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010588.D
Acq: 24 Apr 2020 12:17

Tgt Ion: 88 Resp: 1313
Ion Ratio Lower Upper
88 100
58 47.4 36.5 54.7
43 18.9 13.2 19.8



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0



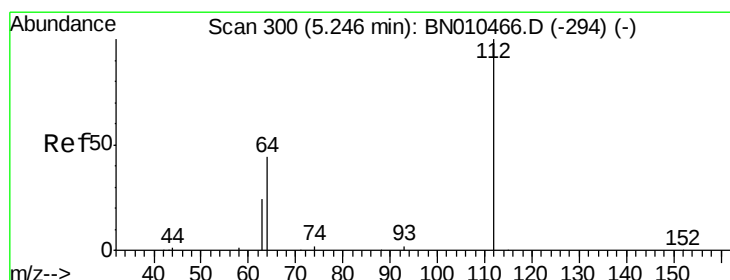
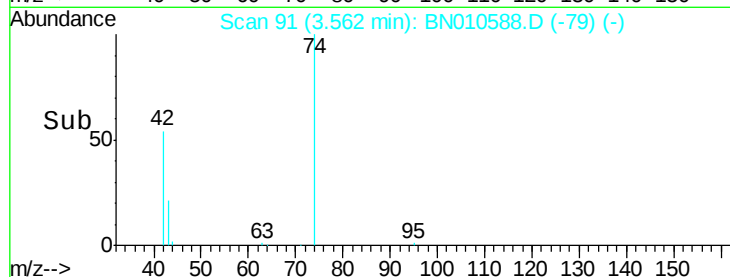
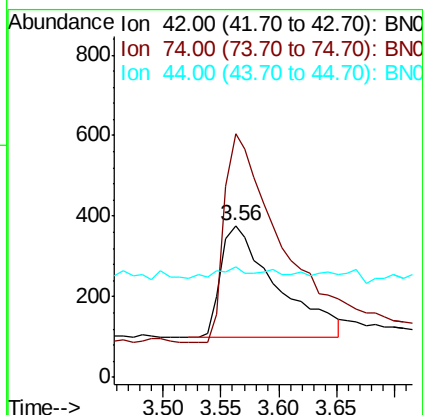
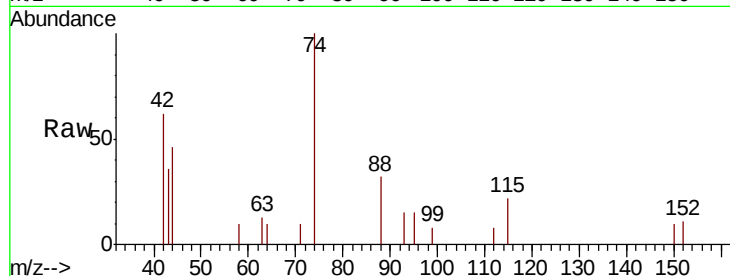


#3

n-Nitrosodimethylamine
 Concen: 0.431 ng
 RT: 3.56 min Scan# 91
 Delta R.T. 0.00 min
 Lab File: BN010588.D
 Acq: 24 Apr 2020 12:17

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

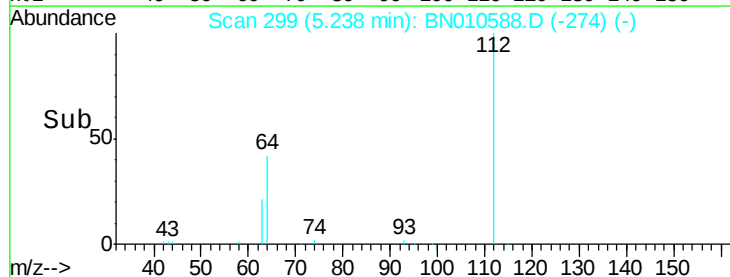
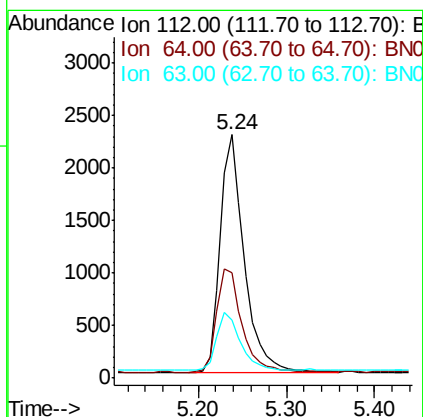
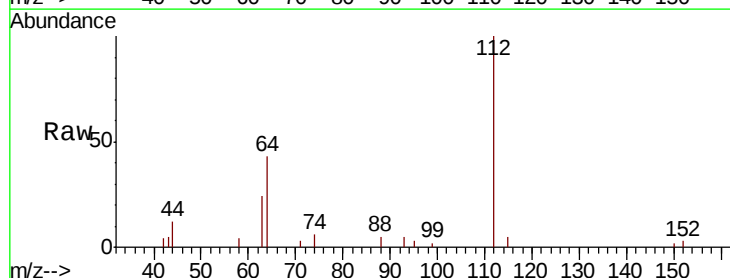
Tot Ion: 42 Resp: 929
 Ion Ratio Lower Upper
 42 100
 74 188.9 162.2 243.4
 44 4.8 2.4 3.6#

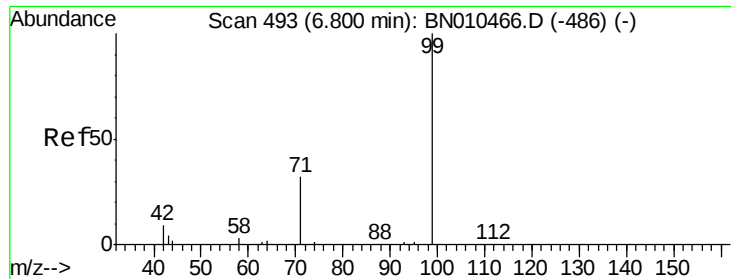


#4

2-Fluorophenol
 Concen: 0.437 ng
 RT: 5.24 min Scan# 299
 Delta R.T. 0.00 min
 Lab File: BN010588.D
 Acq: 24 Apr 2020 12:17

Tgt Ion: 112 Resp: 4326
 Ion Ratio Lower Upper
 112 100
 64 44.8 35.8 53.8
 63 23.9 19.9 29.9





#5

Phenol-d6

Concen: 0.418 ng

RT: 6.78 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

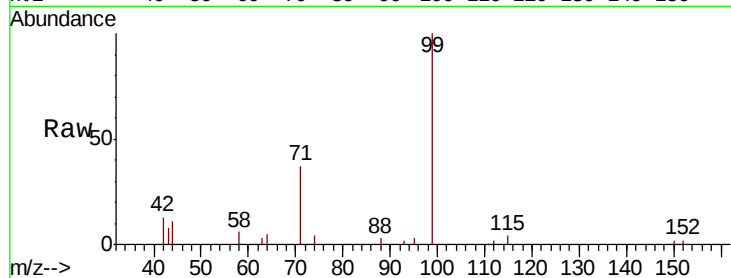
Tot Ion: 99 Resp: 5401

Ion Ratio Lower Upper

99 100

42 12.4 9.8 14.6

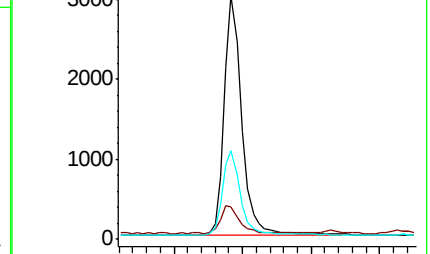
71 35.7 27.8 41.8



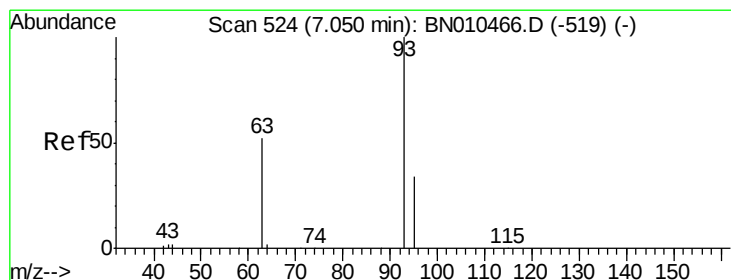
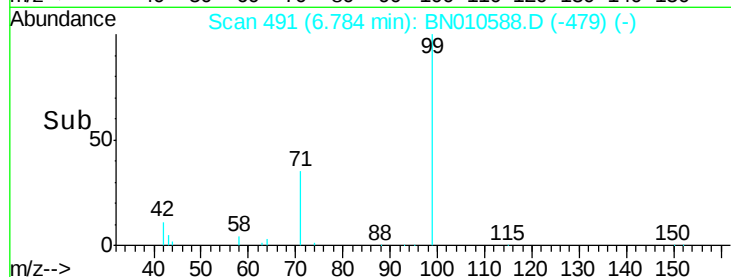
Abundance Ion 99.00 (98.70 to 99.70): BN010588.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010588.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010588.D (-479) (-)



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.428 ng

RT: 7.03 min Scan# 522

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

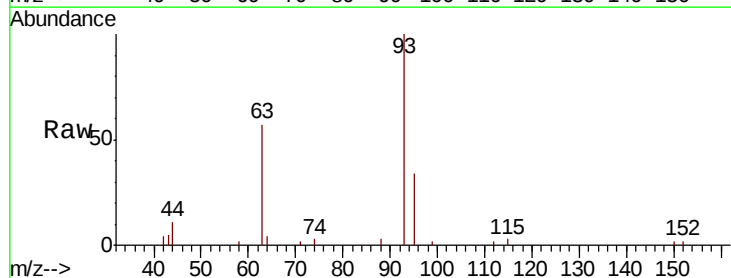
Tgt Ion: 93 Resp: 4801

Ion Ratio Lower Upper

93 100

63 56.5 44.6 66.8

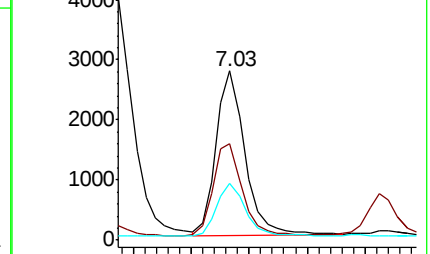
95 31.8 26.5 39.7



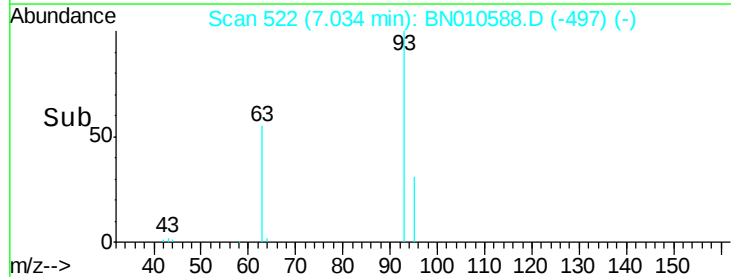
Abundance Ion 93.00 (92.70 to 93.70): BN010588.D (-497) (-)

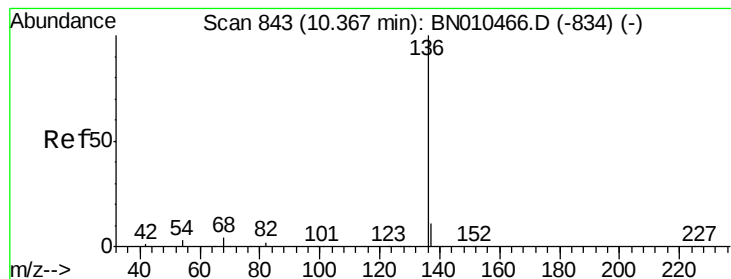
Ion 63.00 (62.70 to 63.70): BN010588.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN010588.D (-497) (-)



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 18584

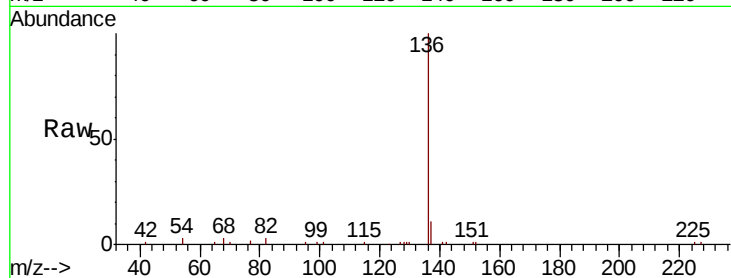
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 2.9 2.6 4.0

68 3.5 3.4 5.2

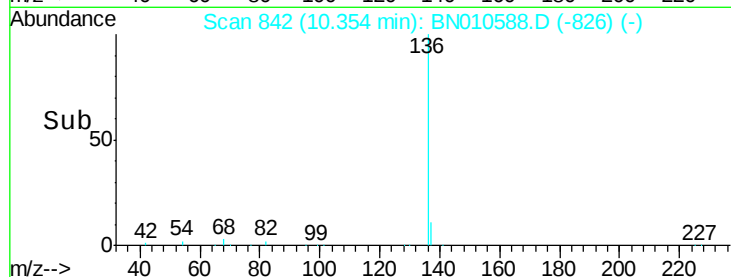


Abundance Ion 136.00 (135.70 to 136.70): E

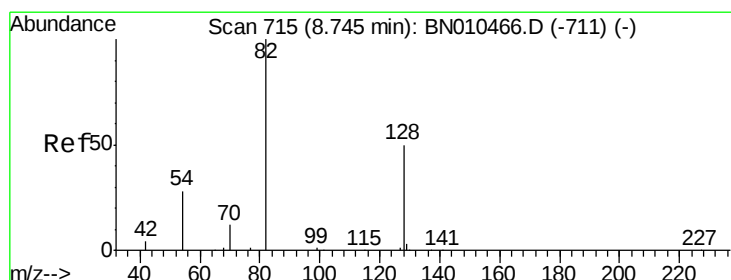
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.406 ng

RT: 8.73 min Scan# 714

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

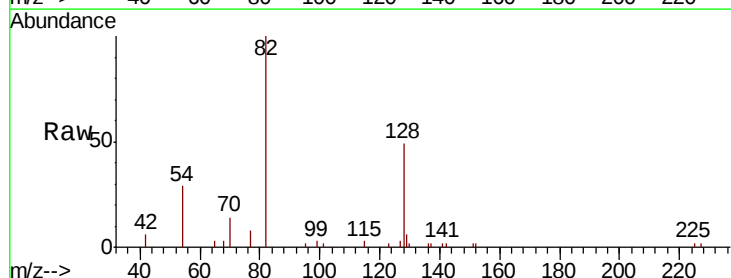
Tgt Ion: 82 Resp: 5280

Ion Ratio Lower Upper

82 100

128 49.4 41.3 61.9

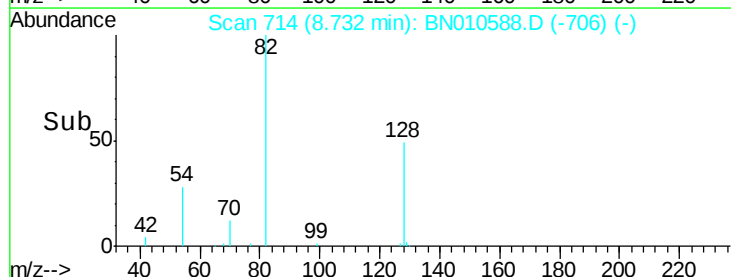
54 29.1 23.4 35.0



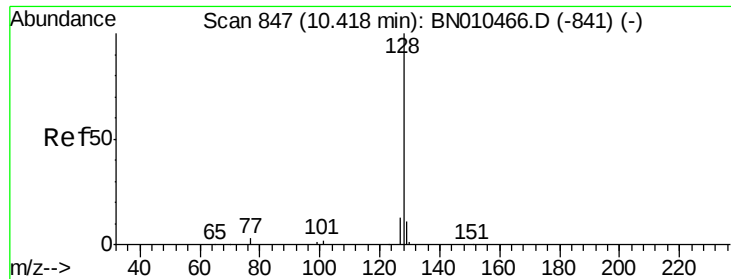
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.413 ng

RT: 10.39 min Scan# 845

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

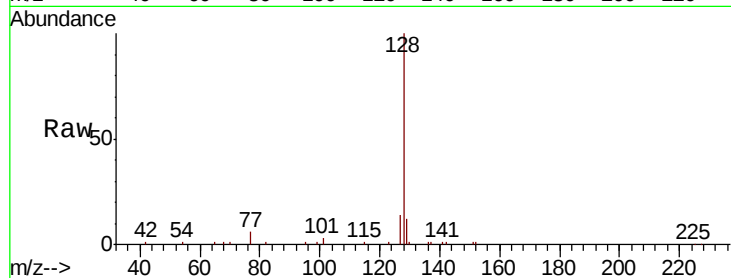
Tot Ion:128 Resp: 19065

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

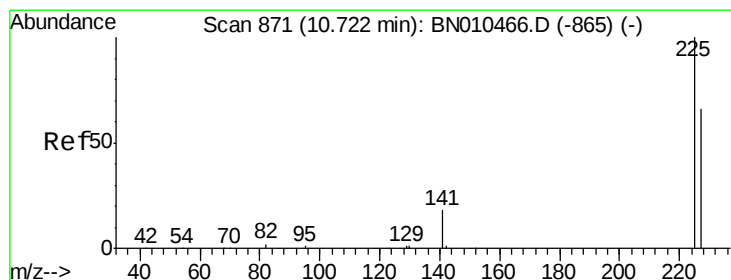
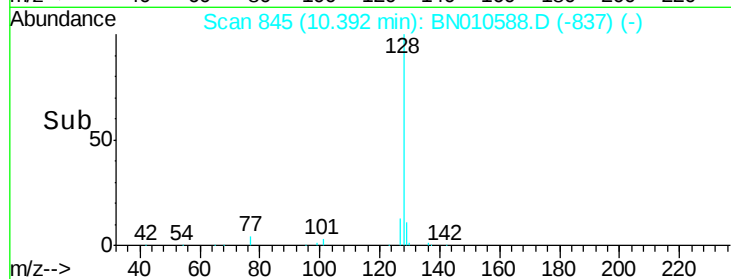
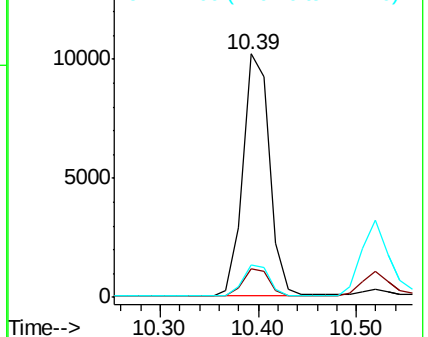
127 13.6 10.5 15.7



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: 0.408 ng

RT: 10.70 min Scan# 869

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

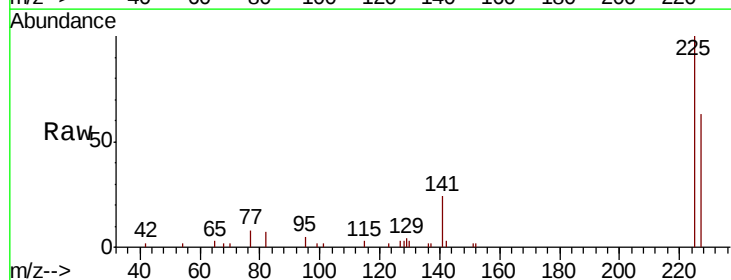
Tgt Ion:225 Resp: 4541

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

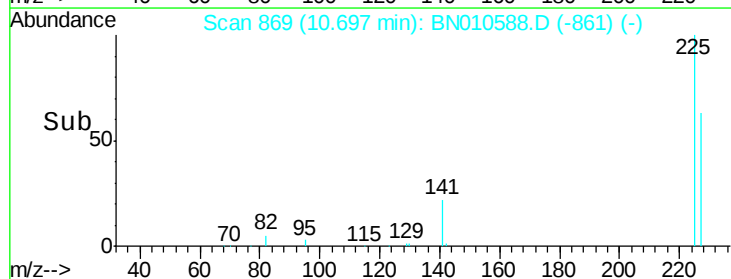
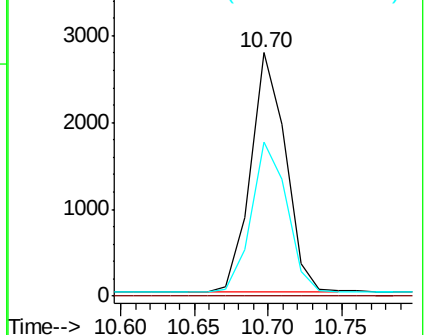
227 63.8 50.6 76.0

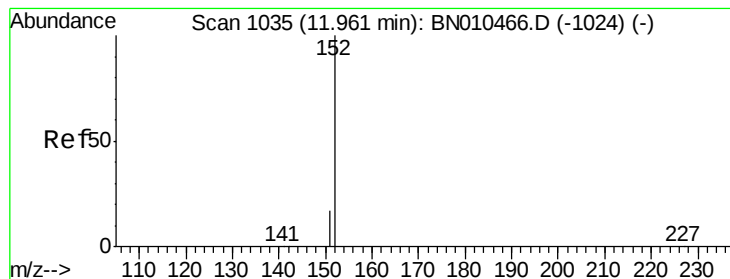


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.462 ng

RT: 11.94 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

Instrument :

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ClientSampleId :

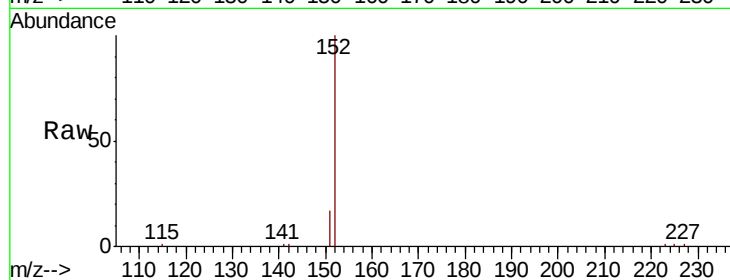
SSTDCCC0.4

Tot Ion:152 Resp: 14128

Ion Ratio Lower Upper

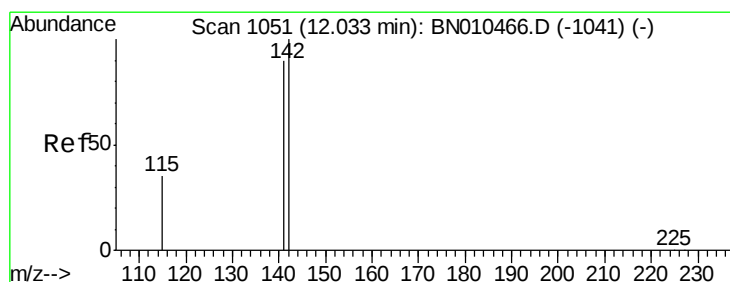
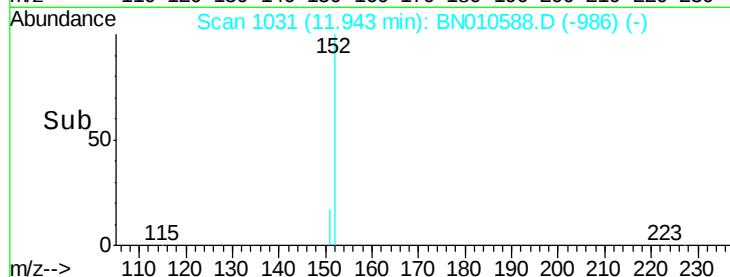
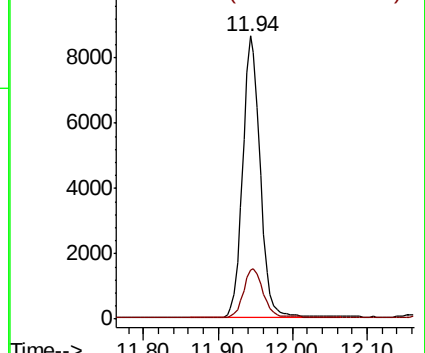
152 100

151 19.2 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.411 ng

RT: 12.02 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

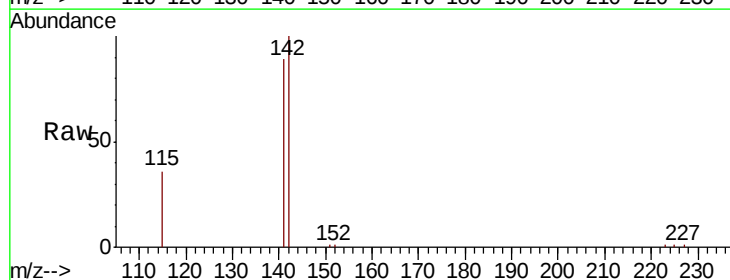
Tgt Ion:142 Resp: 13640

Ion Ratio Lower Upper

142 100

141 89.4 71.9 107.9

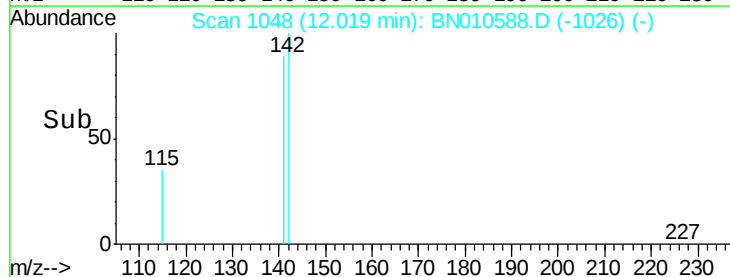
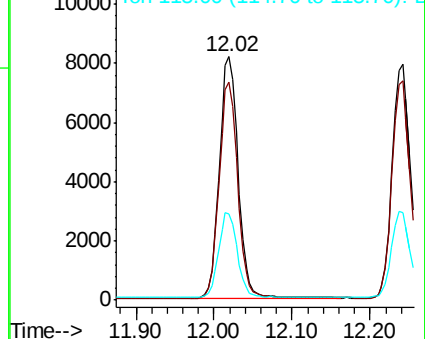
115 35.5 28.8 43.2

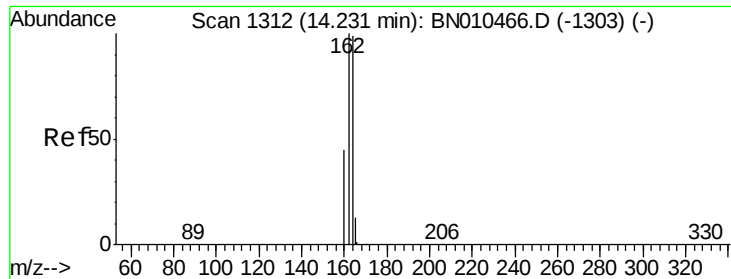


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

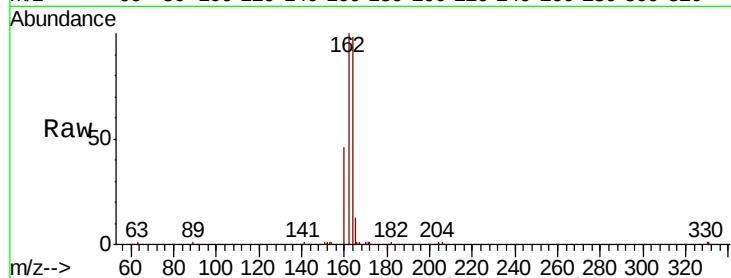
Tot Ion:164 Resp: 11607

Ion Ratio Lower Upper

164 100

162 102.1 80.6 121.0

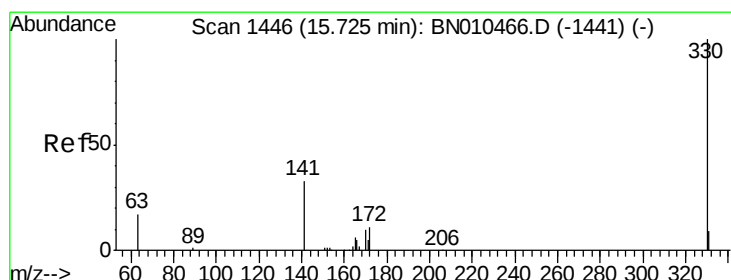
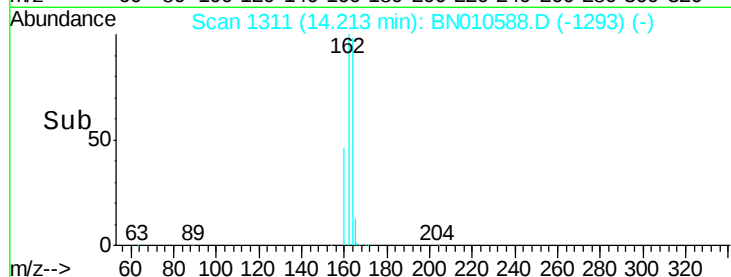
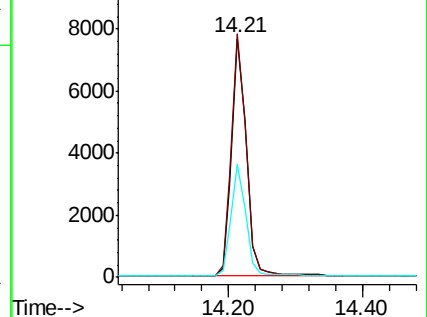
160 47.4 36.5 54.7



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: 0.343 ng

RT: 15.72 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

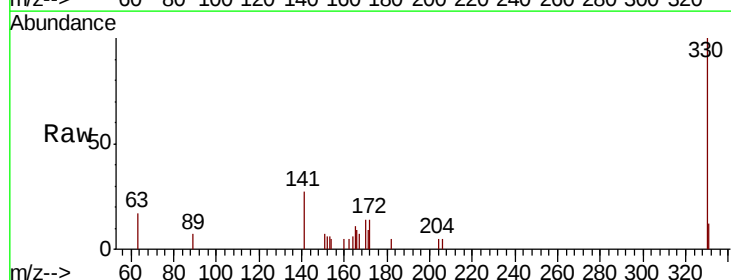
Tgt Ion:330 Resp: 1874

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

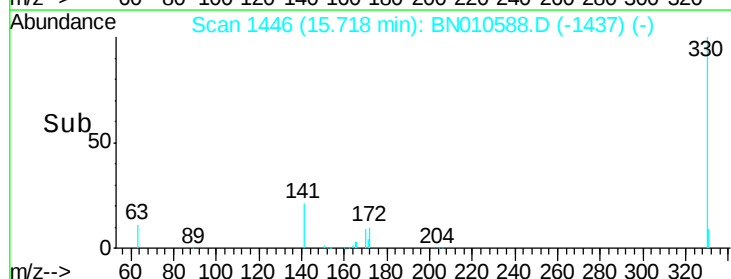
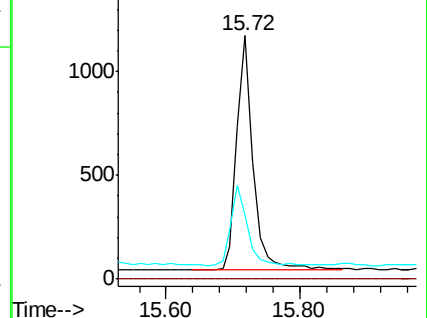
141 35.2 28.1 42.1

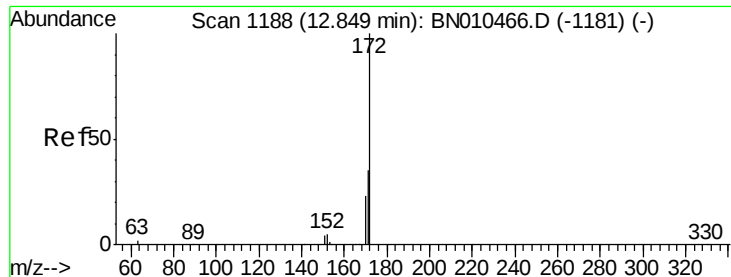


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

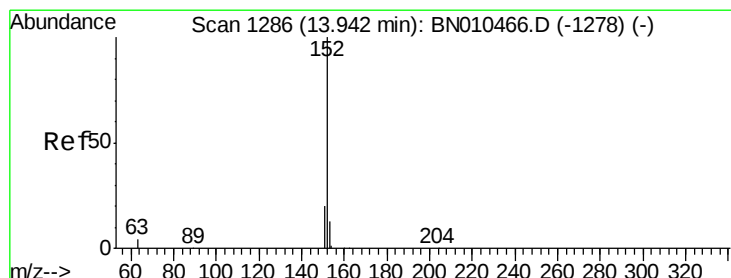
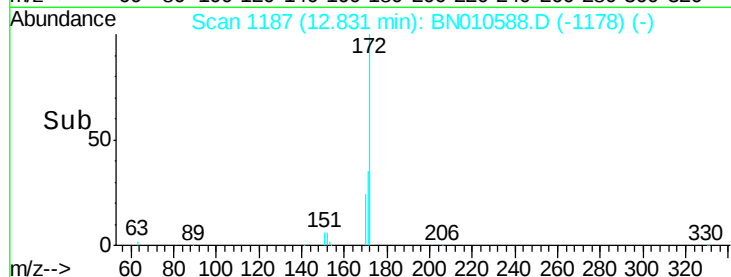
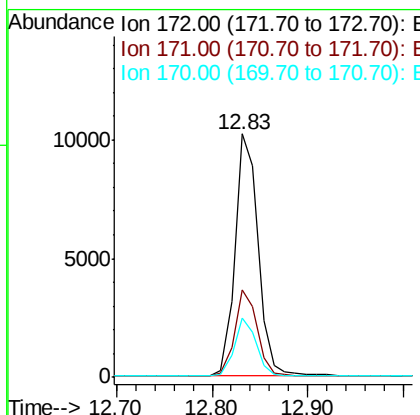
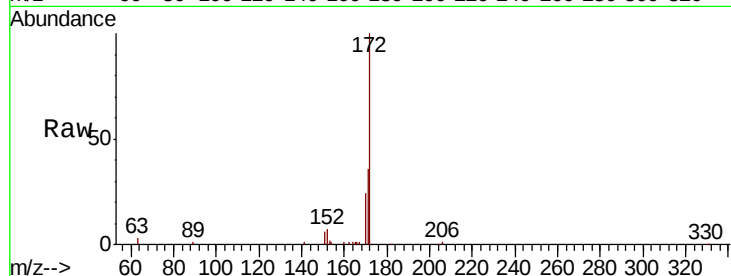




#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 12.83 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BN010588.D
Acq: 24 Apr 2020 12:17

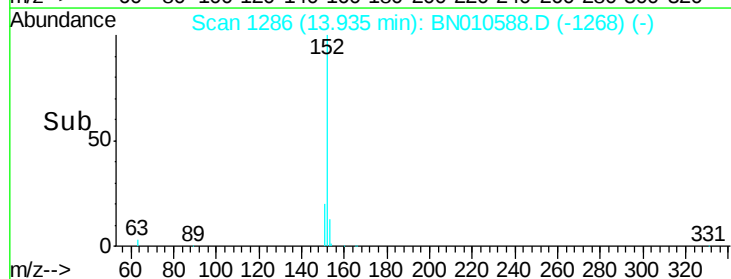
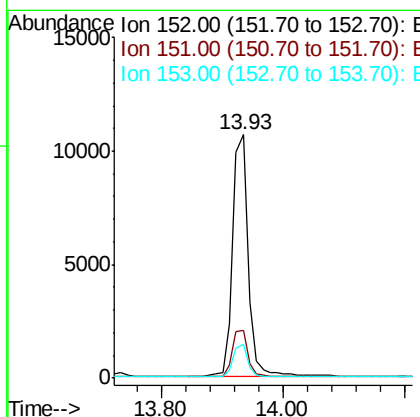
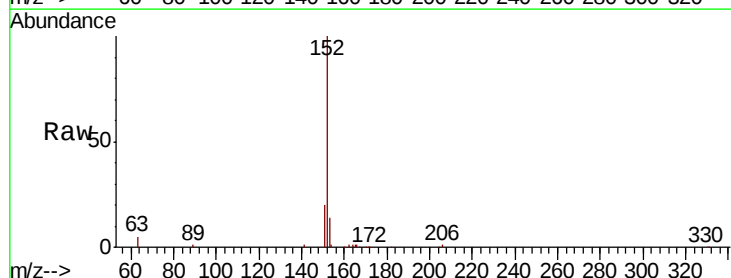
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

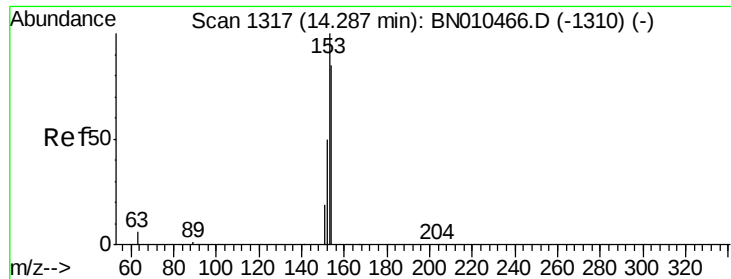
Tot Ion:172 Resp: 17286
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.2
170 24.3 18.4 27.6



#16
Acenaphthylene
Concen: 0.381 ng
RT: 13.93 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BN010588.D
Acq: 24 Apr 2020 12:17

Tgt Ion:152 Resp: 19120
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.408 ng

RT: 14.28 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

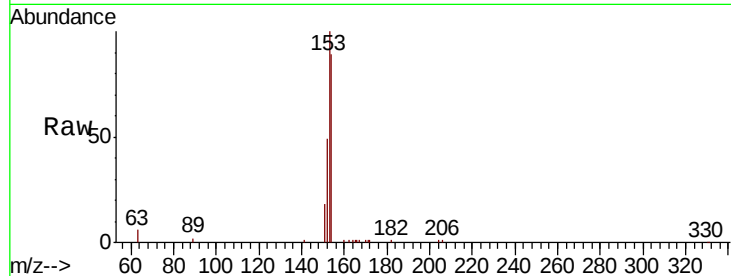
Tot Ion:154 Resp: 13136

Ion Ratio Lower Upper

154 100

153 114.0 91.0 136.4

152 56.4 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

12000

10000

8000

6000

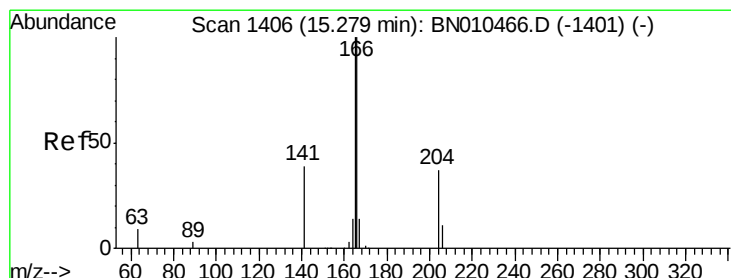
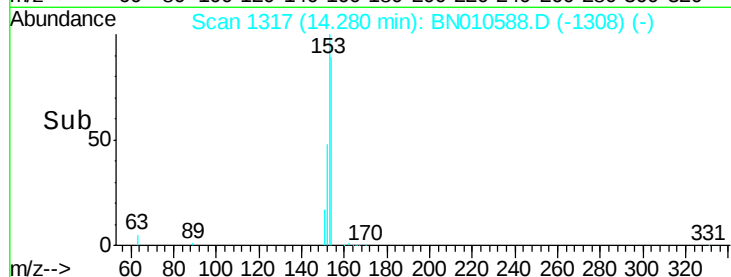
4000

2000

0

14.28

Time-->



#18

Fluorene

Concen: 0.397 ng

RT: 15.27 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

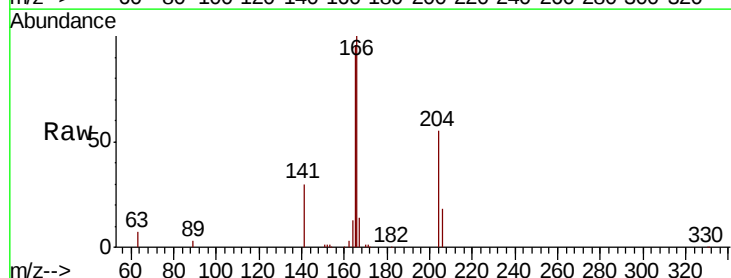
Tgt Ion:166 Resp: 16769

Ion Ratio Lower Upper

166 100

165 98.3 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

15000

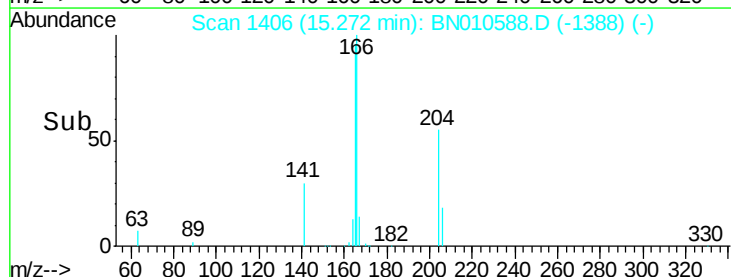
10000

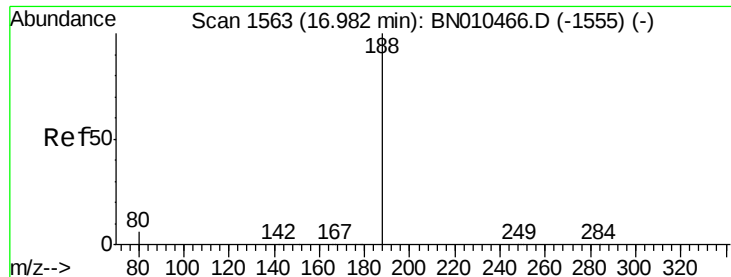
5000

0

15.27

Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.96 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

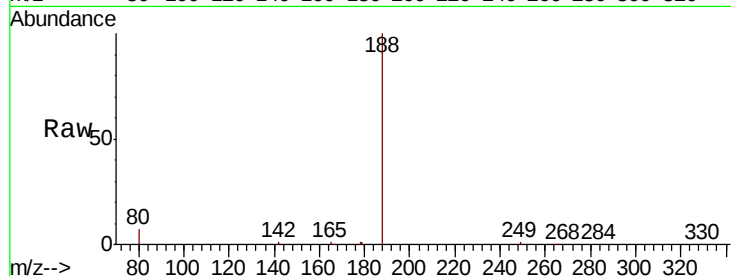
Tot Ion:188 Resp: 25654

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

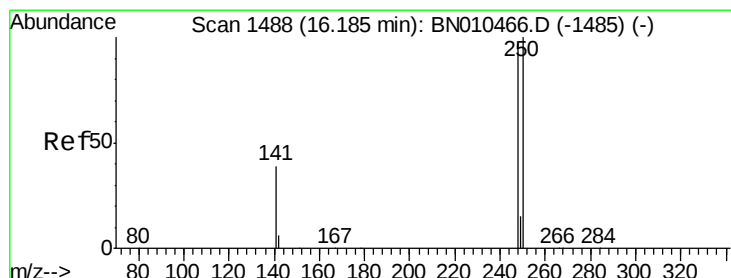
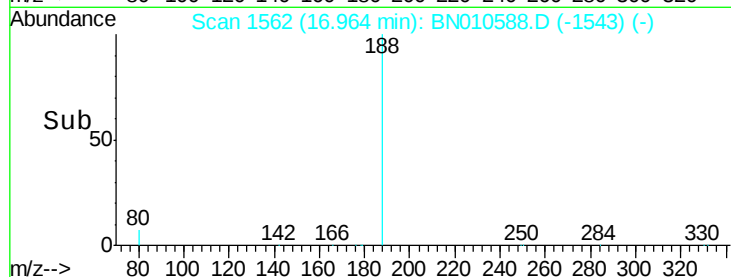
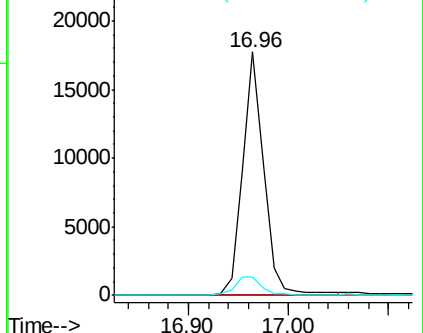
80 7.5 5.0 7.6



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: 0.393 ng

RT: 16.17 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

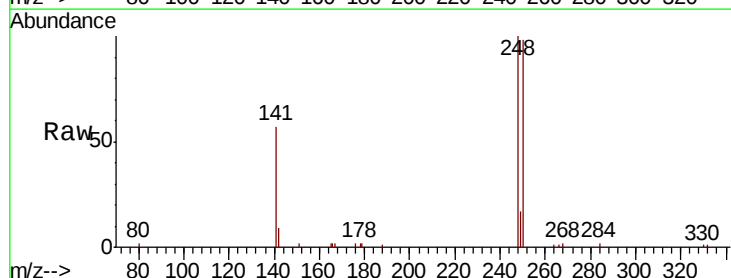
Tgt Ion:248 Resp: 5594

Ion Ratio Lower Upper

248 100

250 97.9 82.3 123.5

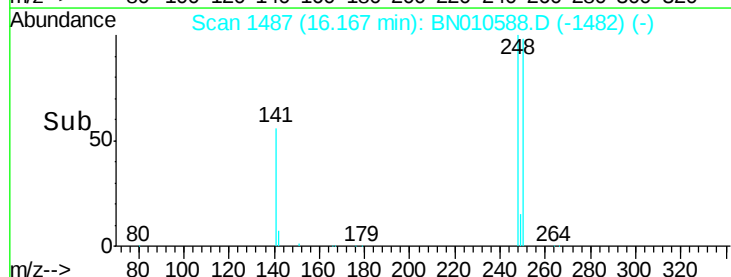
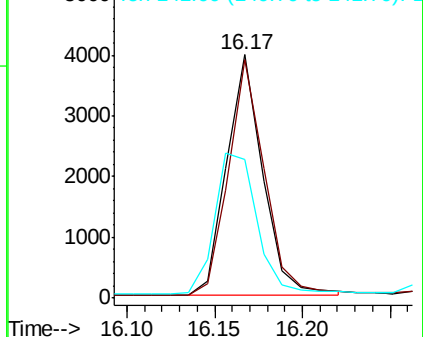
141 56.9 35.2 52.8#

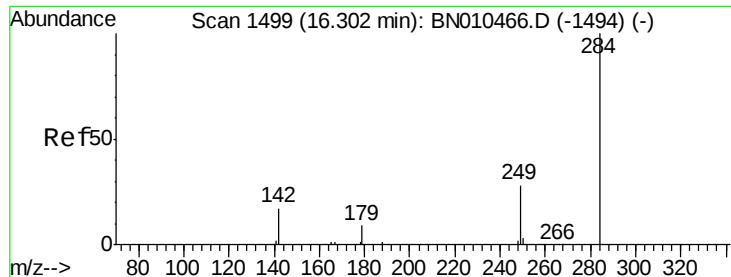


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

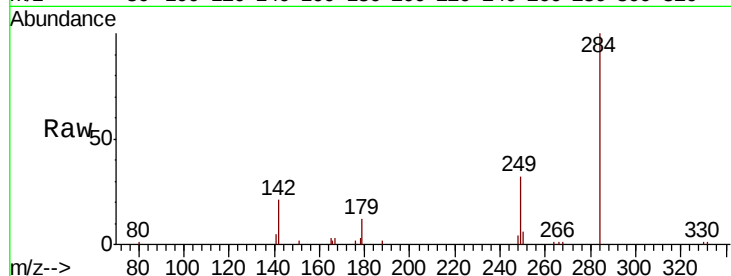




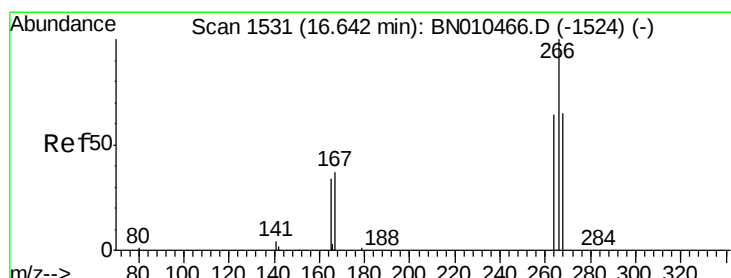
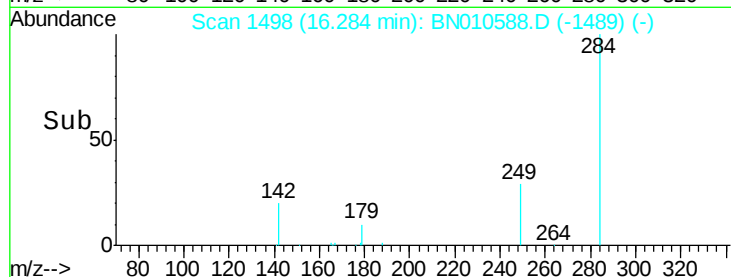
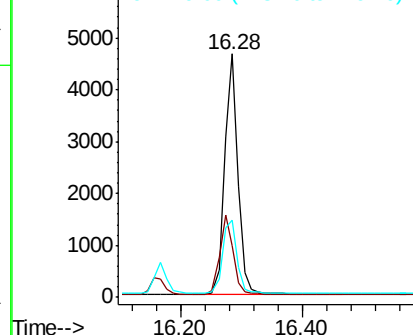
#21
Hexachlorobenzene
Concen: 0.426 ng
RT: 16.28 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BN010588.D
Acq: 24 Apr 2020 12:17

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:284 Resp: 6928
Ion Ratio Lower Upper
284 100
142 33.1 25.5 38.3
249 33.6 25.8 38.6

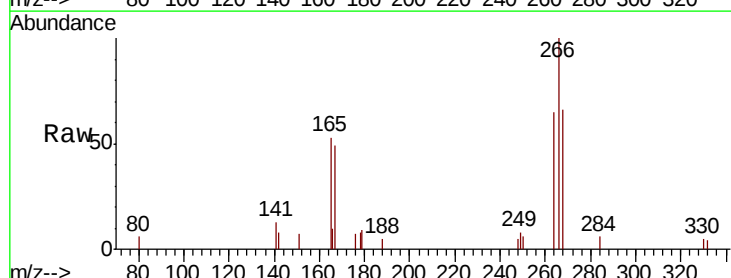


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

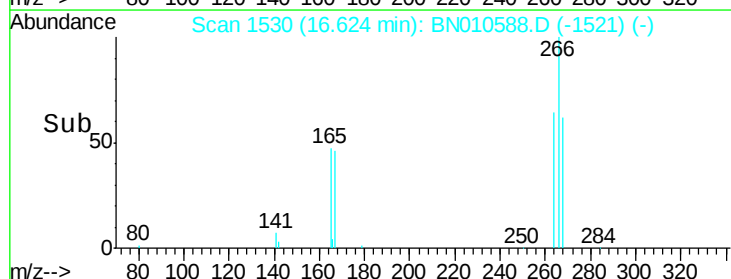
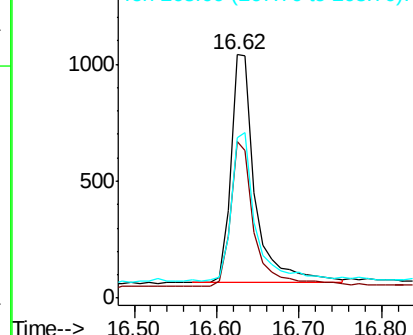


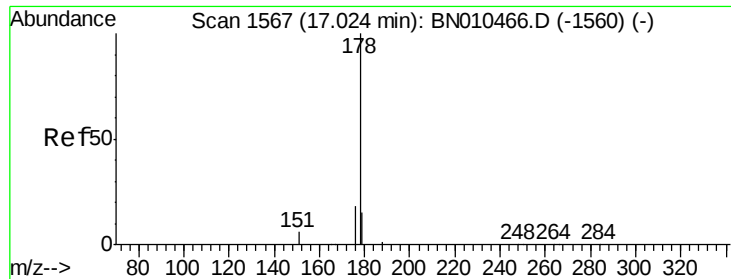
#22
Pentachlorophenol
Concen: 0.321 ng
RT: 16.62 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BN010588.D
Acq: 24 Apr 2020 12:17

Tgt Ion:266 Resp: 2054
Ion Ratio Lower Upper
266 100
264 64.6 51.8 77.6
268 65.7 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: 0.409 ng

RT: 17.01 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

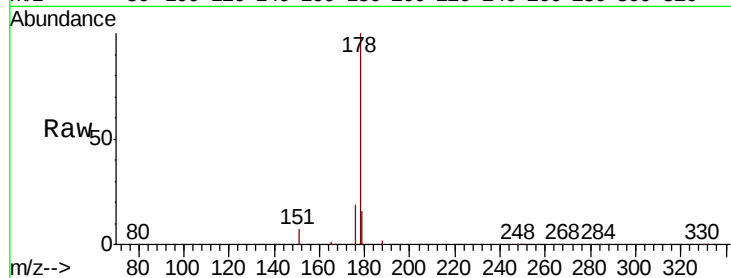
Tot Ion:178 Resp: 28370

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

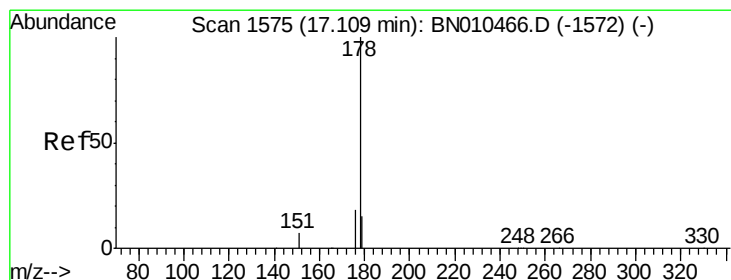
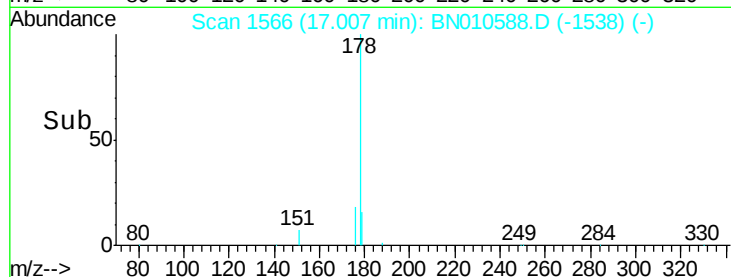
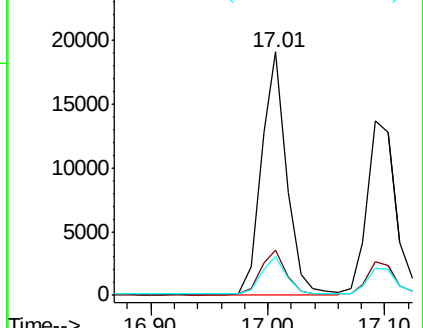
179 15.6 12.6 18.8



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: 0.377 ng

RT: 17.09 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

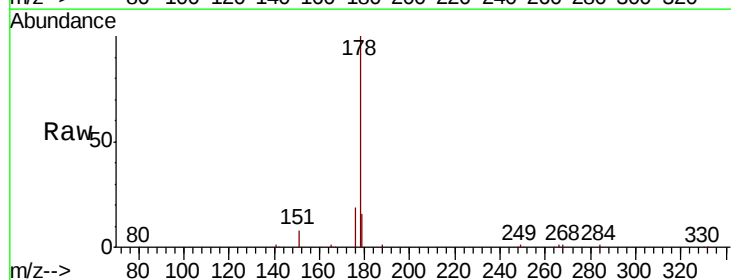
Tgt Ion:178 Resp: 23889

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

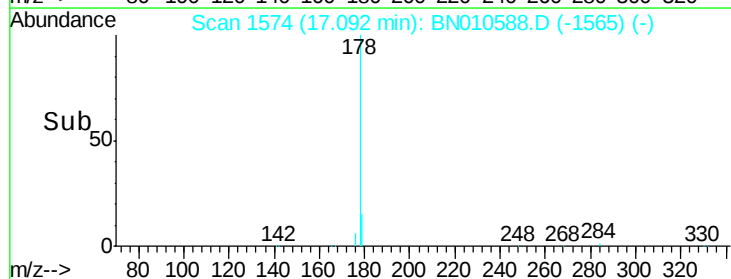
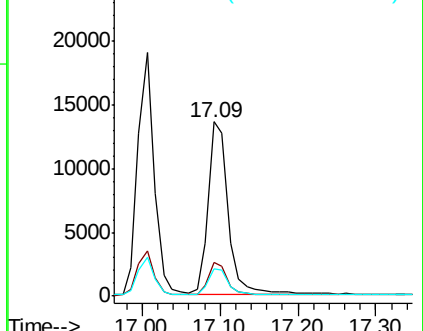
179 15.1 12.2 18.2

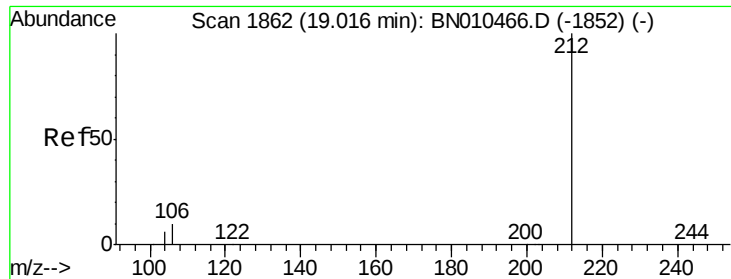


Abundance Ion 178.00 (177.70 to 178.70): E

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# 1861

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

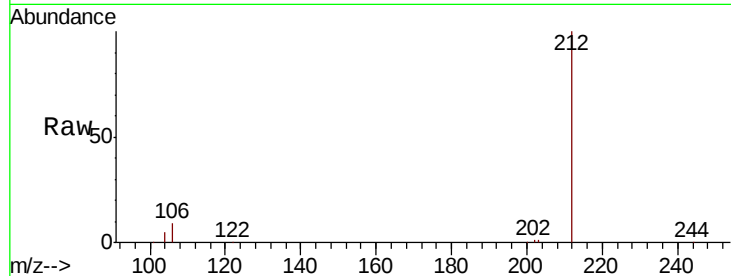
Tot Ion:212 Resp: 33348

Ion Ratio Lower Upper

212 100

106 9.9 7.8 11.6

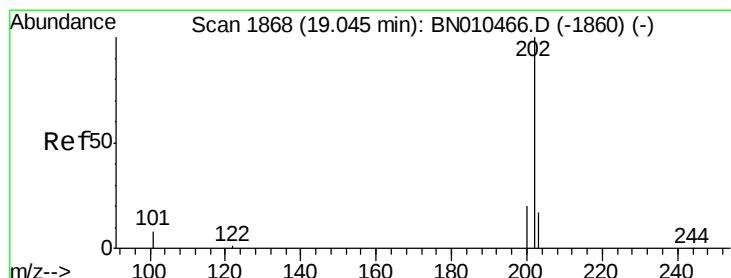
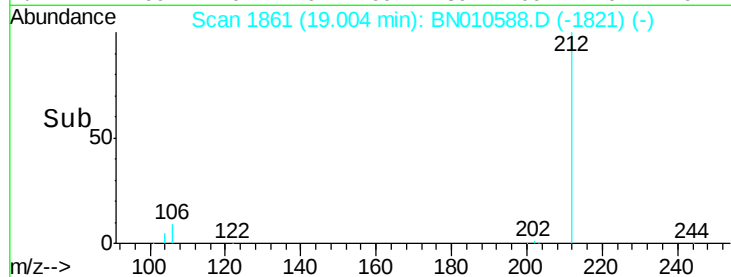
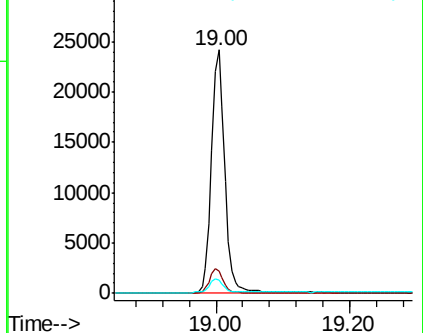
104 5.8 4.5 6.7



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: 0.386 ng

RT: 19.03 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

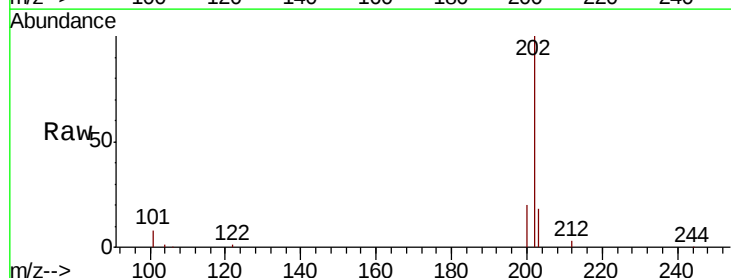
Tgt Ion:202 Resp: 33315

Ion Ratio Lower Upper

202 100

101 8.6 6.9 10.3

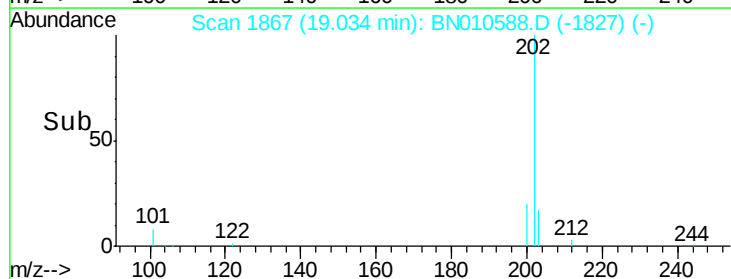
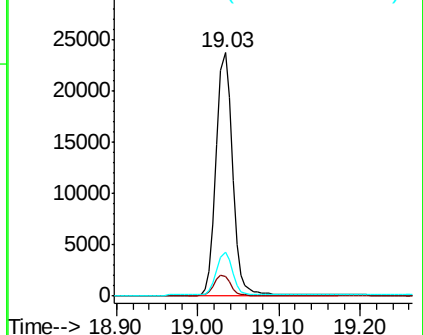
203 17.1 13.9 20.9

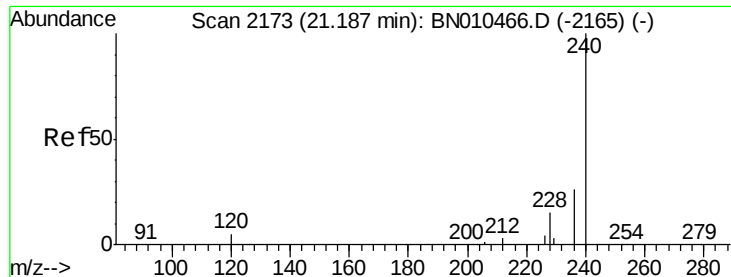


Abundance Ion 202.00 (201.70 to 202.70): E

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. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

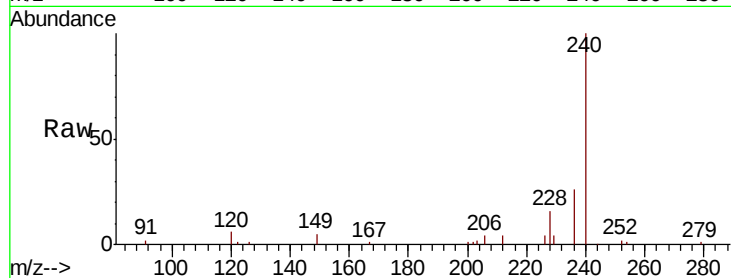
Tot Ion:240 Resp: 22364

Ion Ratio Lower Upper

240 100

120 5.9 4.8 7.2

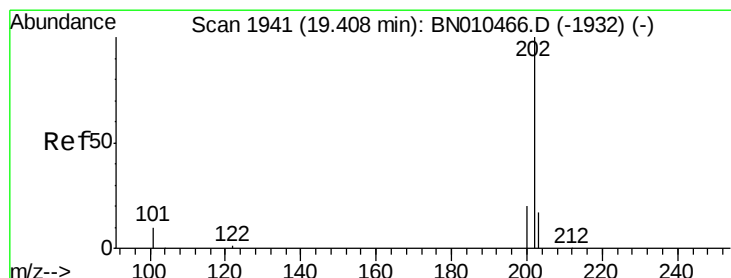
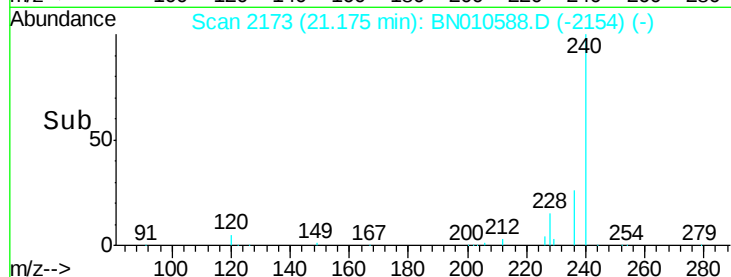
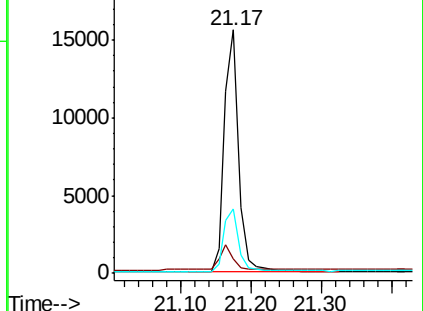
236 26.5 21.4 32.0



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: 0.439 ng

RT: 19.40 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

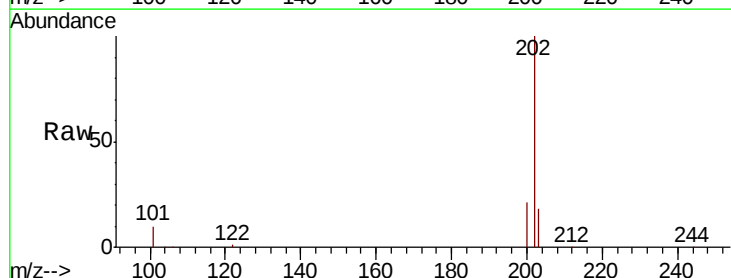
Tgt Ion:202 Resp: 33032

Ion Ratio Lower Upper

202 100

200 20.2 16.3 24.5

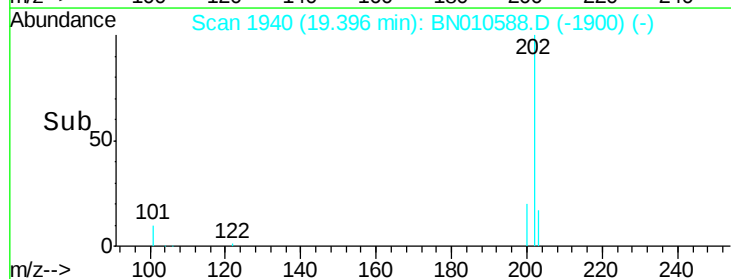
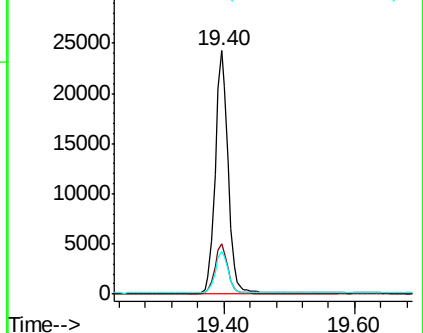
203 17.5 14.0 21.0

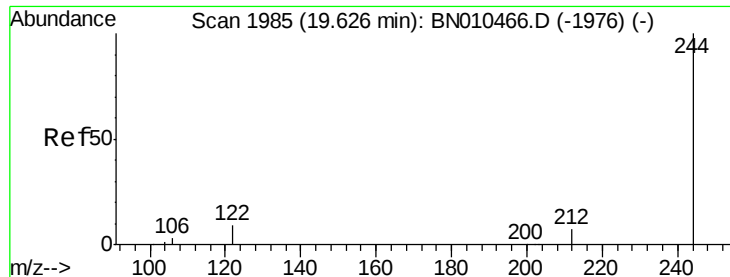


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.437 ng

RT: 19.61 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

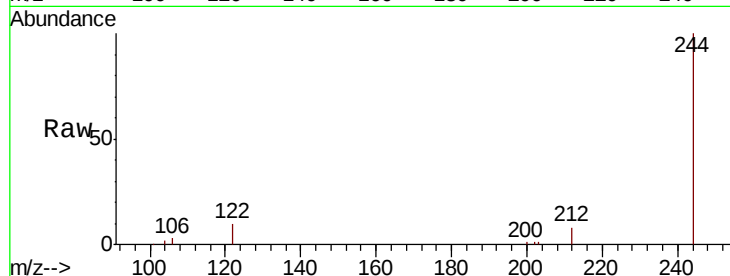
Tot Ion:244 Resp: 22357

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.4

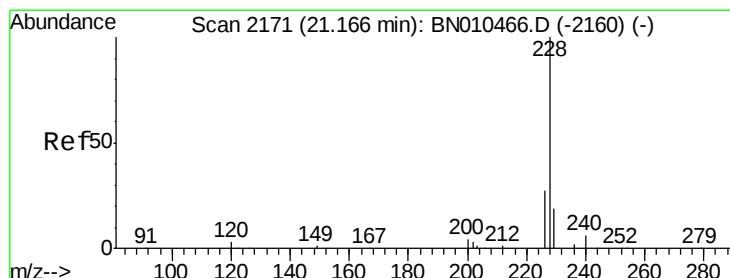
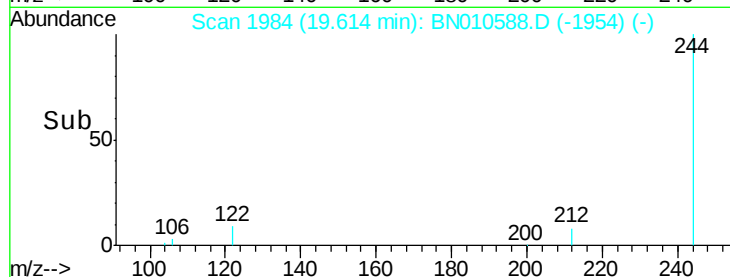
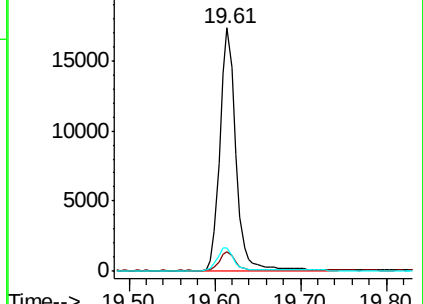
122 9.7 7.8 11.8



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: 0.394 ng

RT: 21.15 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

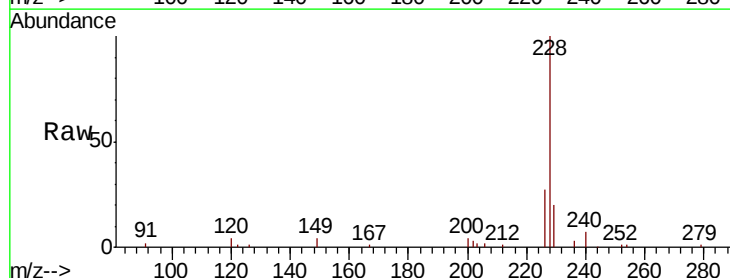
Tgt Ion:228 Resp: 28718

Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

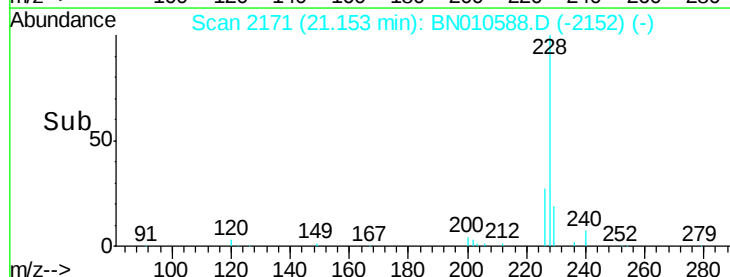
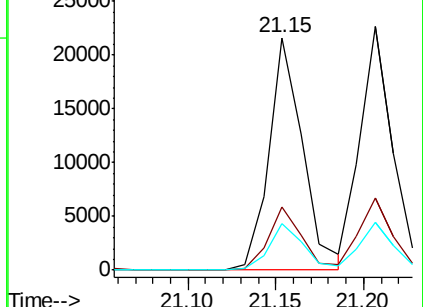
229 19.8 15.6 23.4

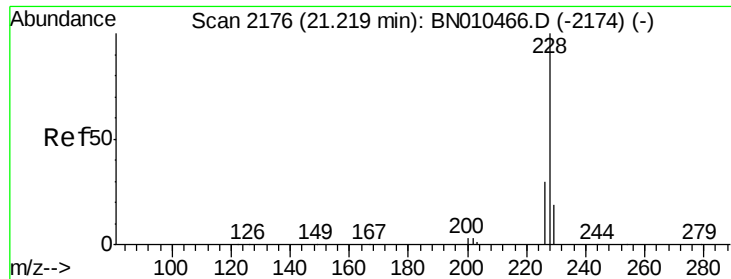


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.401 ng

RT: 21.21 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

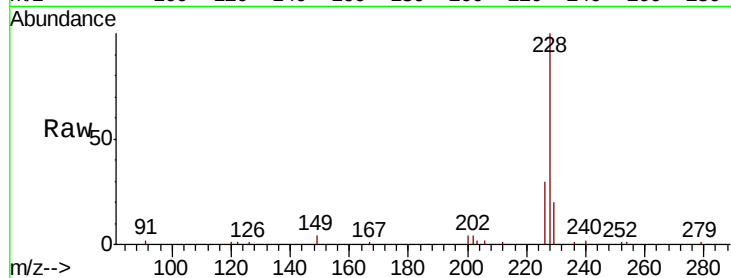
Tot Ion:228 Resp: 29180

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

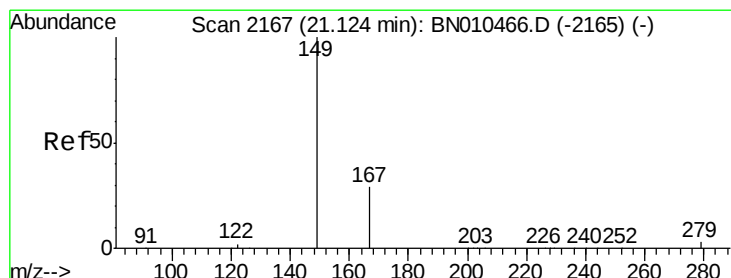
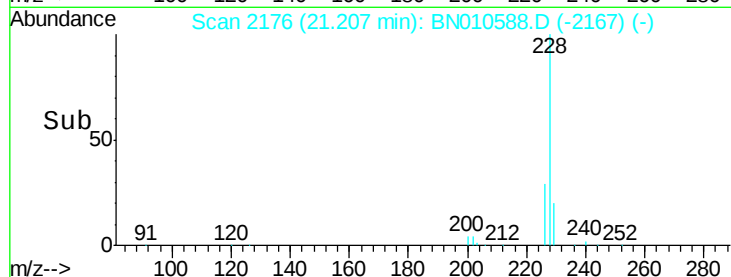
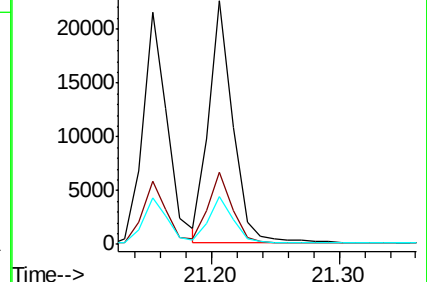
229 19.8 15.8 23.6



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: 0.349 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

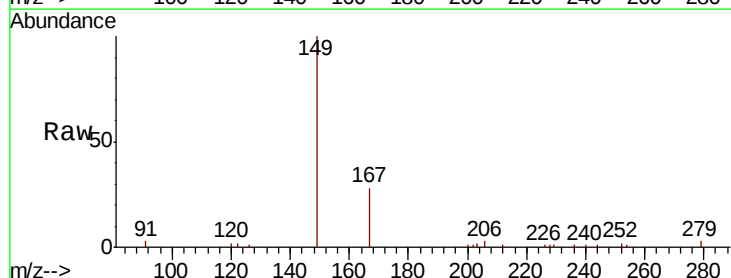
Tgt Ion:149 Resp: 13049

Ion Ratio Lower Upper

149 100

167 28.6 23.4 35.0

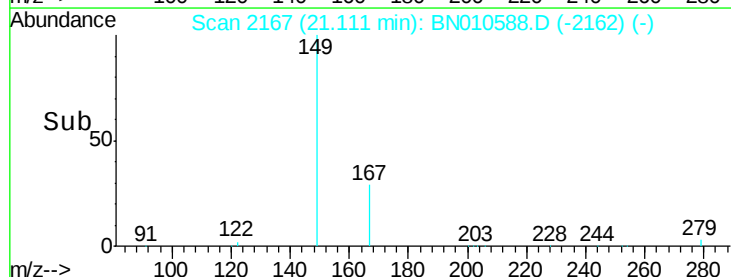
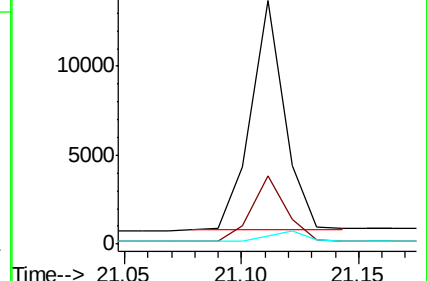
279 5.0 4.0 6.0

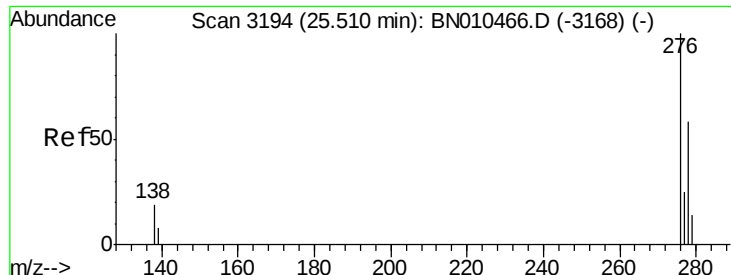


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.448 ng

RT: 25.48 min Scan# 3188

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

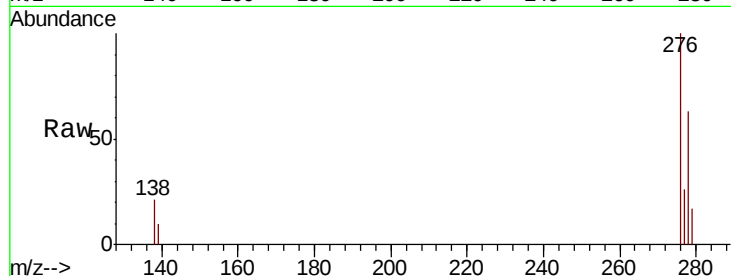
Tot Ion:276 Resp: 28764

Ion Ratio Lower Upper

276 100

138 21.2 16.4 24.6

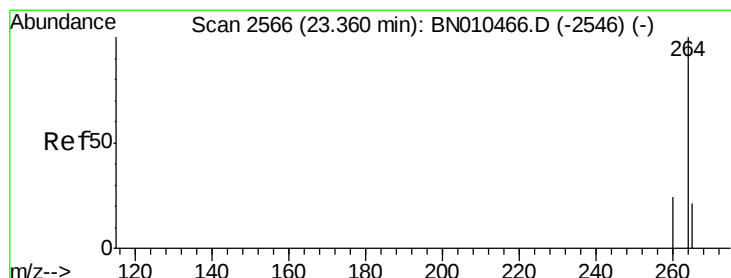
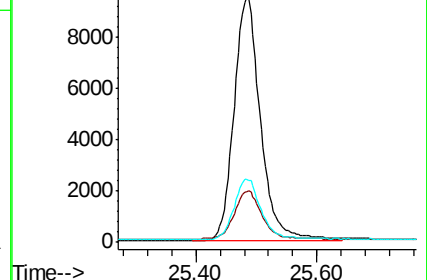
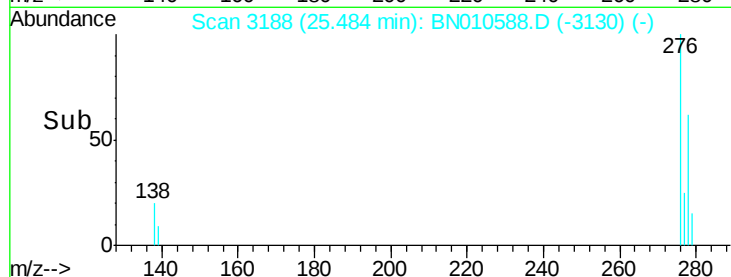
277 24.8 19.8 29.6



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# 2562

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

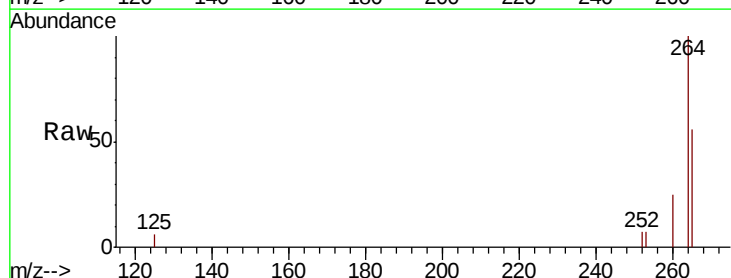
Tgt Ion:264 Resp: 20425

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.8

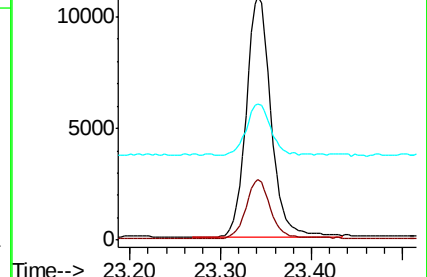
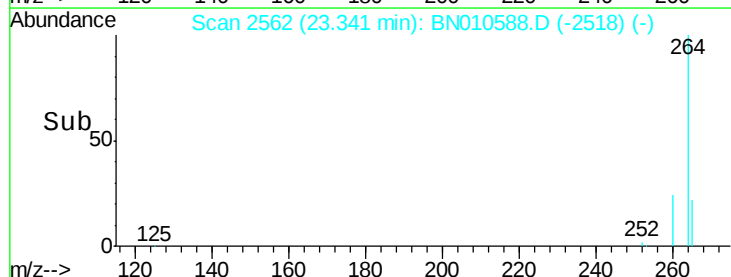
265 55.9 42.3 63.5

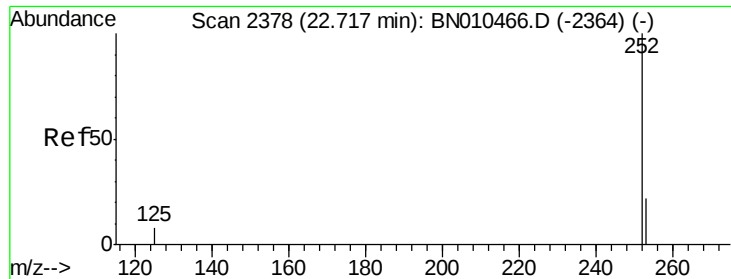


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

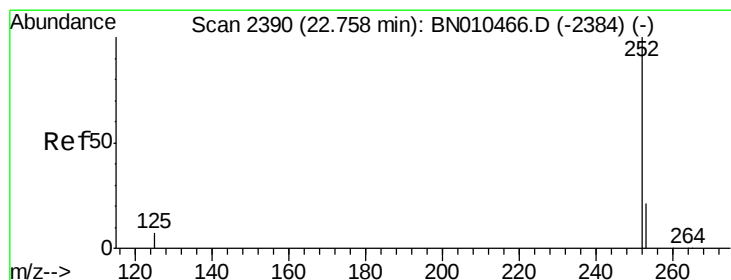
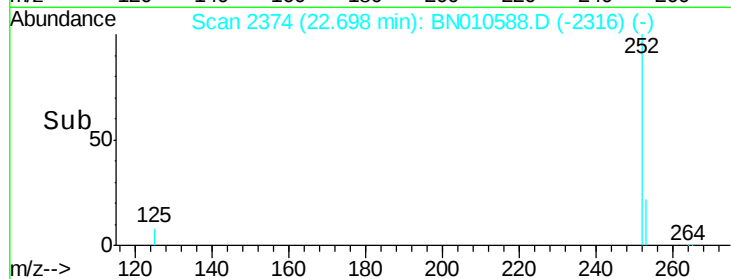
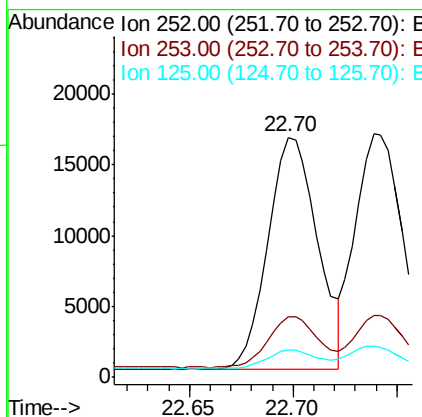
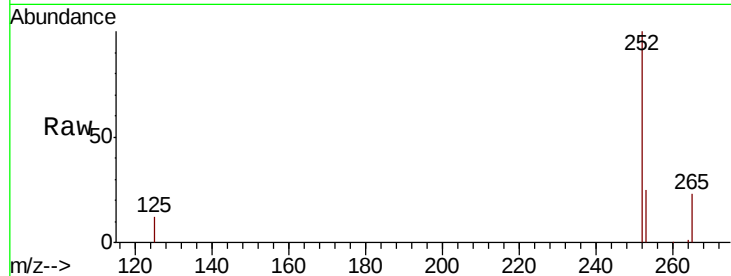




#35
Benzo(b)fluoranthene
Concen: 0.406 ng
RT: 22.70 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BN010588.D
Acq: 24 Apr 2020 12:17

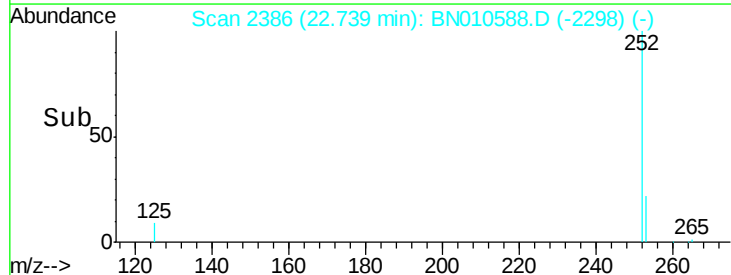
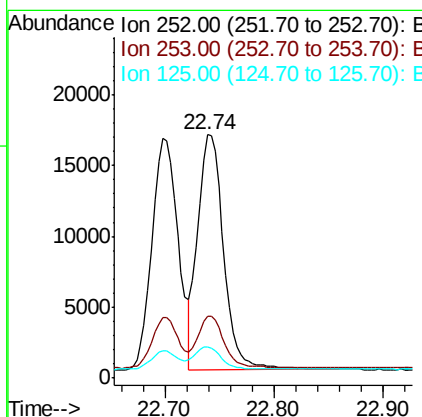
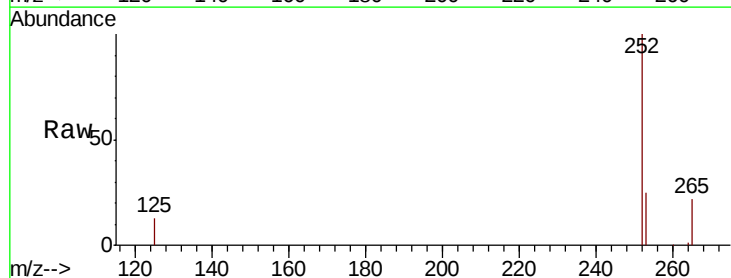
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

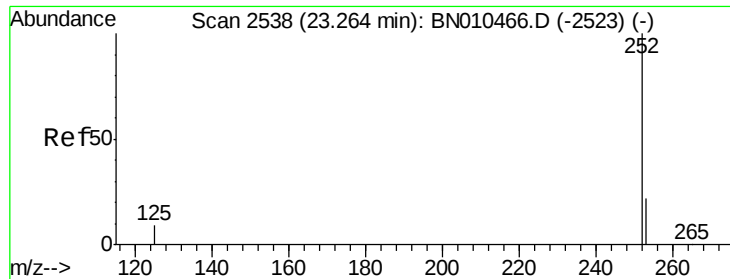
Tot Ion:252 Resp: 27299
Ion Ratio Lower Upper
252 100
253 25.2 20.2 30.4
125 11.5 9.2 13.8



#36
Benzo(k)fluoranthene
Concen: 0.408 ng
RT: 22.74 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BN010588.D
Acq: 24 Apr 2020 12:17

Tgt Ion:252 Resp: 27479
Ion Ratio Lower Upper
252 100
253 25.2 20.1 30.1
125 12.7 9.6 14.4





#37

Benzo(a)pyrene

Concen: 0.393 ng

RT: 23.25 min Scan# 2535

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

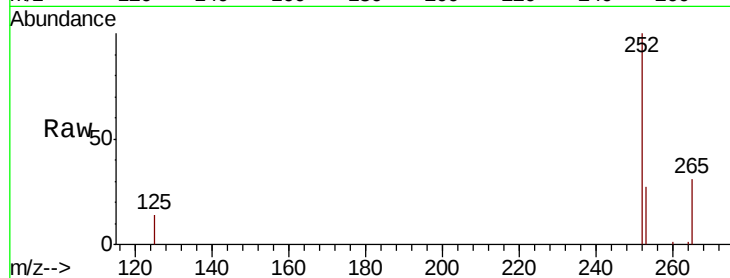
Tot Ion:252 Resp: 23392

Ion Ratio Lower Upper

252 100

253 26.7 21.8 32.8

125 13.7 11.0 16.6

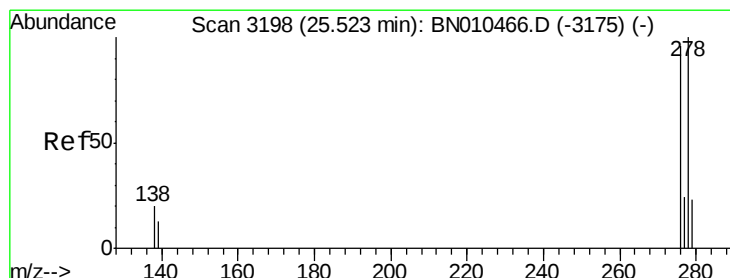
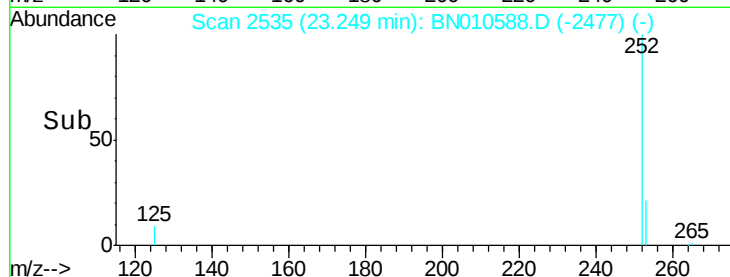
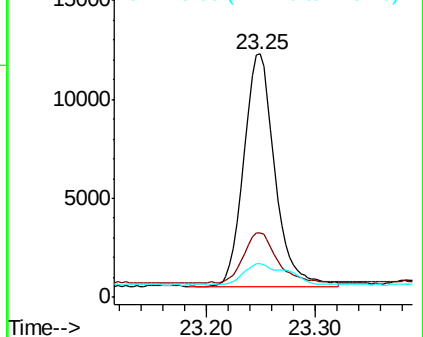


Abundance

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: 0.417 ng

RT: 25.49 min Scan# 3191

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

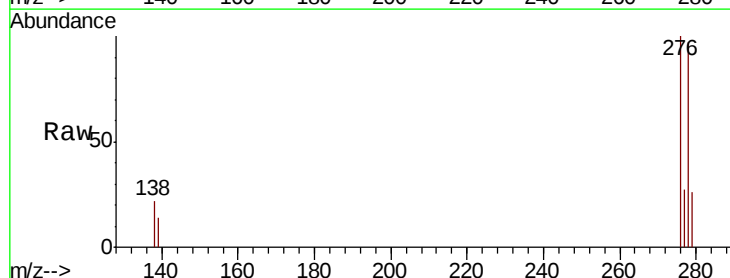
Tgt Ion:278 Resp: 22701

Ion Ratio Lower Upper

278 100

139 14.9 12.3 18.5

279 26.5 21.9 32.9

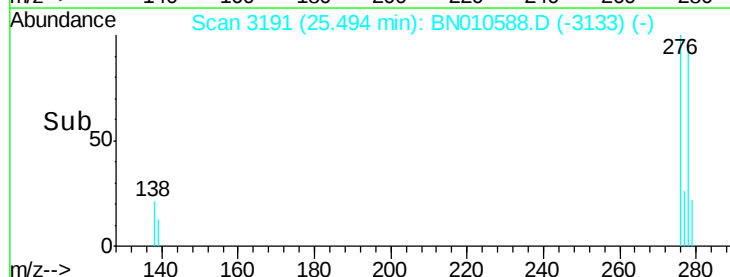
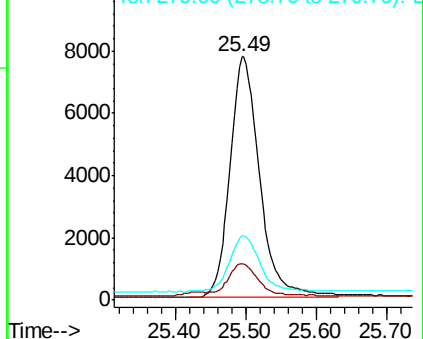


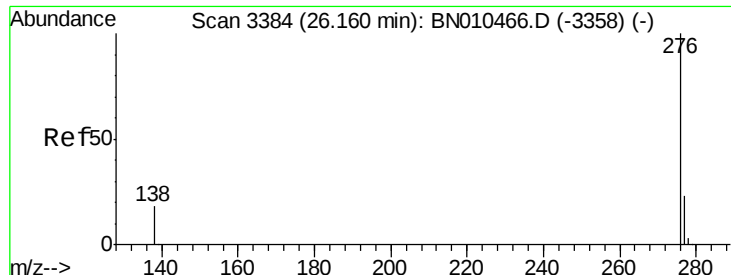
Abundance

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: 0.436 ng

RT: 26.13 min Scan# 3376

Delta R.T. 0.00 min

Lab File: BN010588.D

Acq: 24 Apr 2020 12:17

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

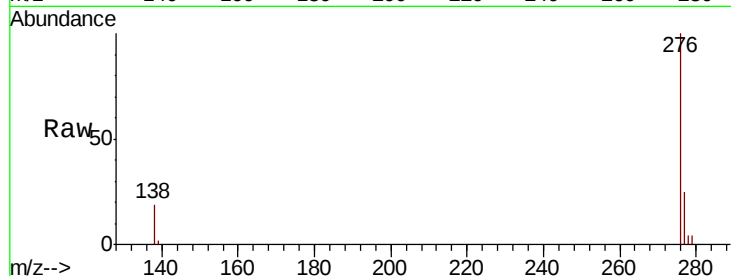
Tot Ion:276 Resp: 23869

Ion Ratio Lower Upper

276 100

277 25.2 20.2 30.2

138 19.0 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

