

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042420\
 Data File : BN010597.D
 Acq On : 24 Apr 2020 20:13
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Apr 24 20:43:36 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	3570	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	15296	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	9769	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	22182	0.40	ng	0.00
27) Chrysene-d12	21.17	240	18457	0.40	ng	0.00
34) Perylene-d12	23.34	264	16758	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	3322	0.42	ng	0.00
5) Phenol-d6	6.78	99	4404	0.43	ng	0.00
8) Nitrobenzene-d5	8.73	82	4322	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.94	152	11577	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	1583	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	14148	0.40	ng	0.00
25) Fluoranthene-d10	19.00	212	28248	0.42	ng	0.00
29) Terphenyl-d14	19.61	244	18946	0.45	ng	0.00

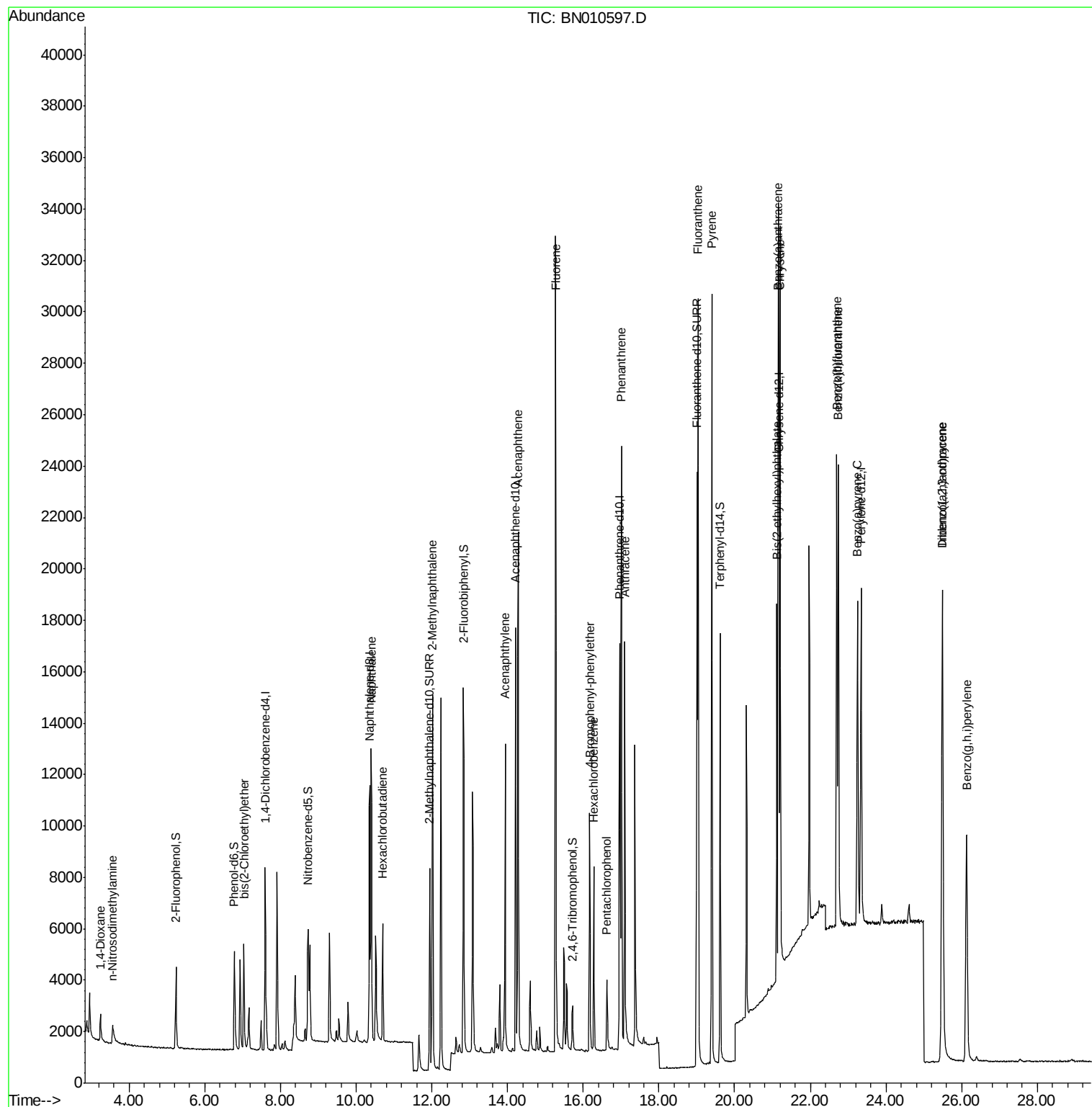
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.24	88	1055	0.401	ng	98
3) n-Nitrosodimethylamine	3.56	42	688	0.404	ng	# 94
6) bis(2-Chloroethyl)ether	7.03	93	3716	0.420	ng	98
9) Naphthalene	10.39	128	15645	0.412	ng	99
10) Hexachlorobutadiene	10.70	225	3685	0.403	ng	# 99
12) 2-Methylnaphthalene	12.02	142	11181	0.410	ng	99
16) Acenaphthylene	13.93	152	15878	0.376	ng	100
17) Acenaphthene	14.28	154	11129	0.410	ng	99
18) Fluorene	15.27	166	14167	0.399	ng	100
20) 4-Bromophenyl-phenylether	16.17	248	4694	0.381	ng	# 89
21) Hexachlorobenzene	16.28	284	5867	0.417	ng	99
22) Pentachlorophenol	16.62	266	1857	0.336	ng	97
23) Phenanthrene	17.01	178	24127	0.403	ng	100
24) Anthracene	17.09	178	20132	0.368	ng	100
26) Fluoranthene	19.03	202	28154	0.378	ng	99
28) Pyrene	19.40	202	28012	0.451	ng	100
30) Benzo(a)anthracene	21.15	228	23259	0.386	ng	100
31) Chrysene	21.21	228	23625	0.394	ng	99
32) Bis(2-ethylhexyl)phthalate	21.11	149	11451	0.371	ng	100
33) Indeno(1,2,3-cd)pyrene	25.48	276	23787	0.448	ng	99
35) Benzo(b)fluoranthene	22.70	252	21690	0.393	ng	99
36) Benzo(k)fluoranthene	22.74	252	22883	0.414	ng	97
37) Benzo(a)pyrene	23.25	252	19011	0.389	ng	98
38) Dibenzo(a,h)anthracene	25.50	278	19043	0.426	ng	100
39) Benzo(g,h,i)perylene	26.13	276	19529	0.435	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: 7.60 min Scan# 592

Delta R.T. 0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

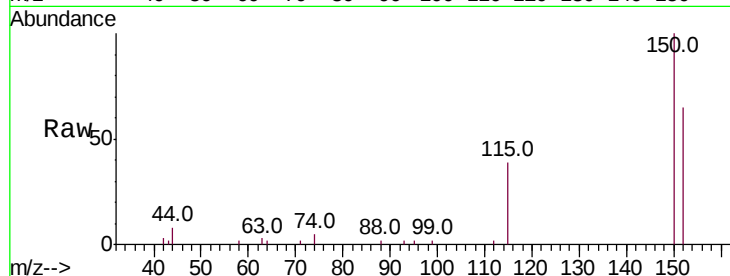
Tot Ion:152 Resp: 3570

Ion Ratio Lower Upper

152 100

150 154.8 121.8 182.6

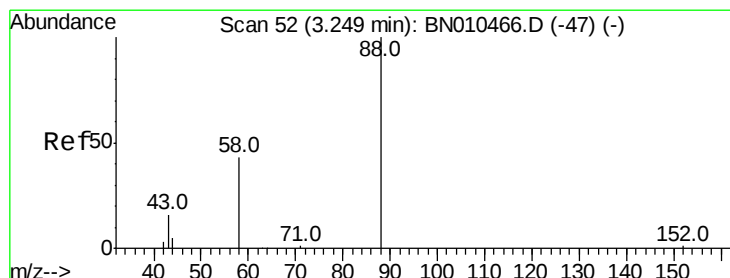
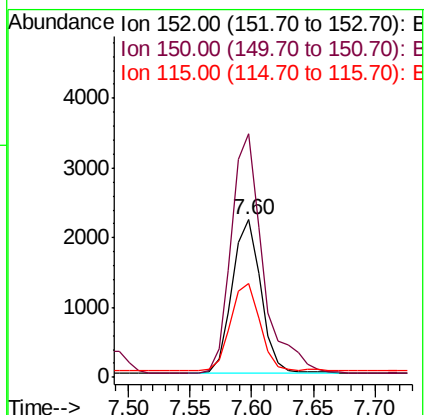
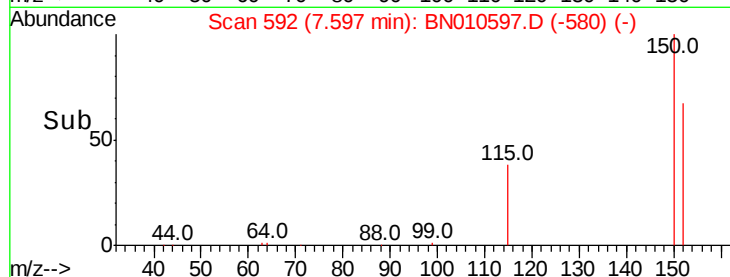
115 59.7 45.5 68.3



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: 0.401 ng

RT: 3.24 min Scan# 51

Delta R.T. -0.01 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

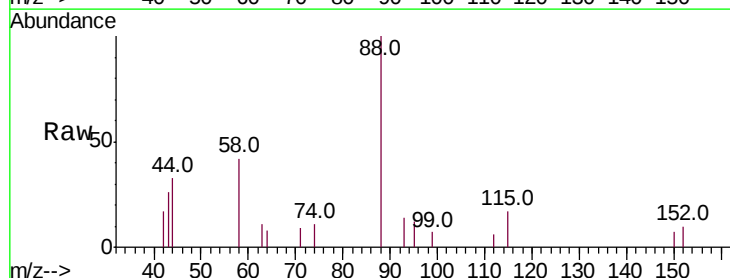
Tgt Ion: 88 Resp: 1055

Ion Ratio Lower Upper

88 100

58 47.7 36.5 54.7

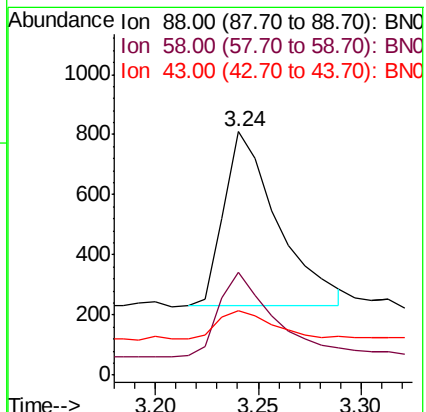
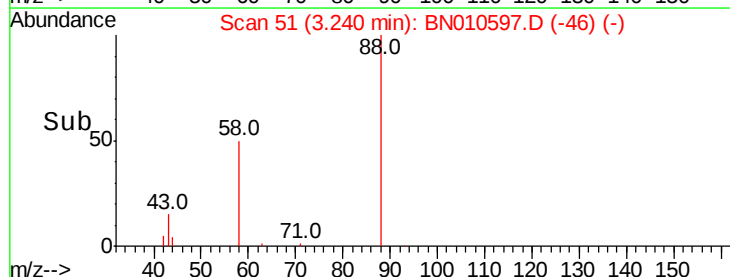
43 16.4 13.2 19.8



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



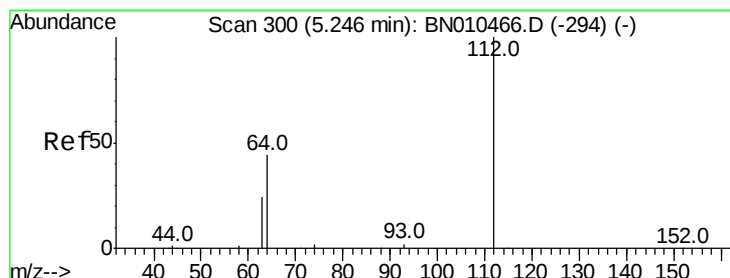
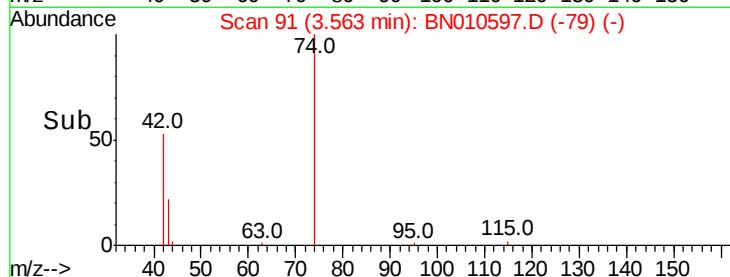
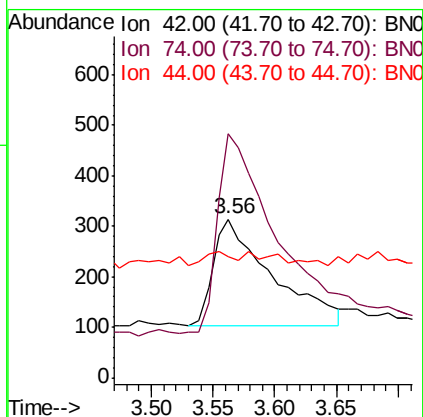
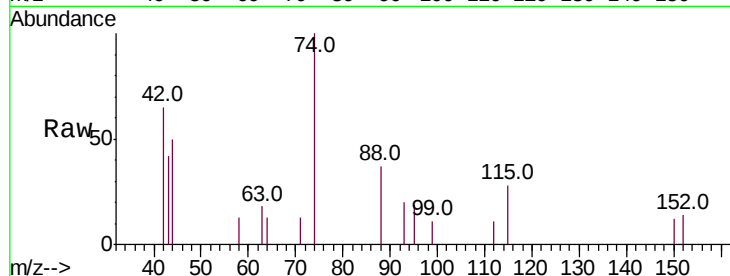


#3

n-Nitrosodimethylamine
 Concen: 0.404 ng
 RT: 3.56 min Scan# 91
 Delta R.T. 0.00 min
 Lab File: BN010597.D
 Acq: 24 Apr 2020 20:13

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

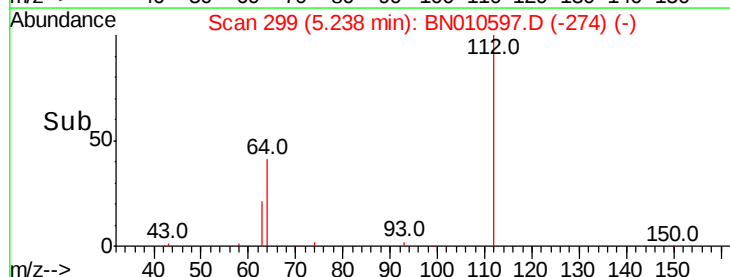
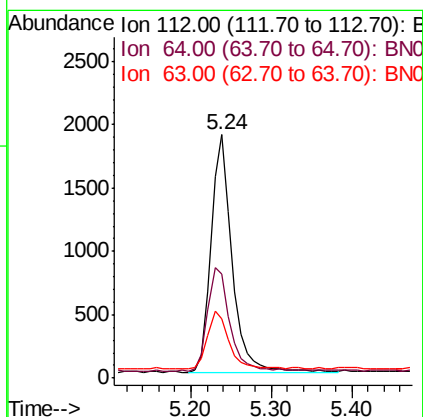
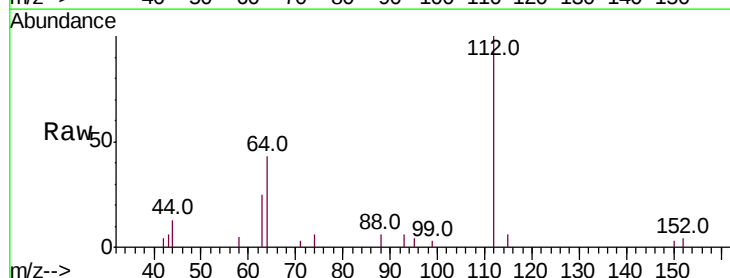
Tot Ion: 42 Resp: 688
 Ion Ratio Lower Upper
 42 100
 74 194.0 162.2 243.4
 44 6.3 2.4 3.6#

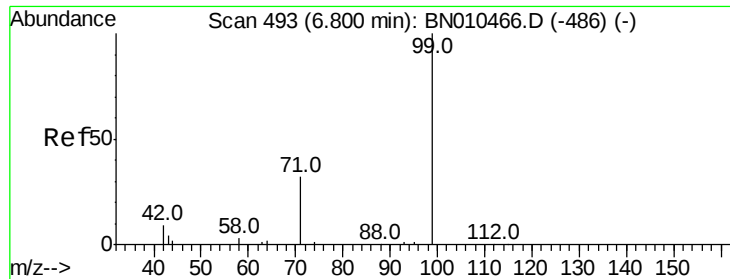


#4

2-Fluorophenol
 Concen: 0.425 ng
 RT: 5.24 min Scan# 299
 Delta R.T. 0.00 min
 Lab File: BN010597.D
 Acq: 24 Apr 2020 20:13

Tgt Ion: 112 Resp: 3322
 Ion Ratio Lower Upper
 112 100
 64 45.8 35.8 53.8
 63 24.0 19.9 29.9





#5

Phenol-d6

Concen: 0.431 ng

RT: 6.78 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

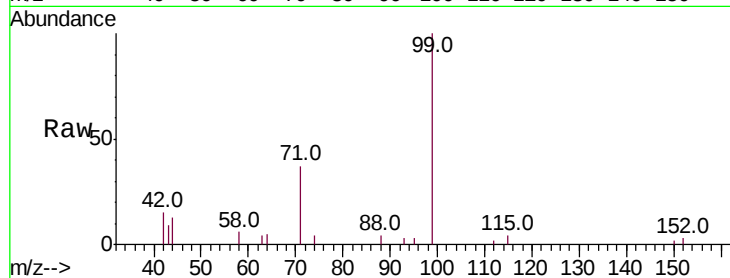
Tot Ion: 99 Resp: 4404

Ion Ratio Lower Upper

99 100

42 12.9 9.8 14.6

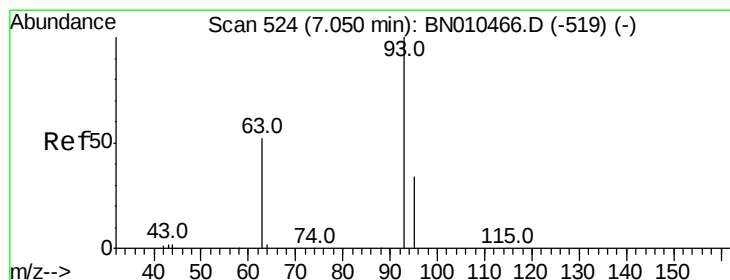
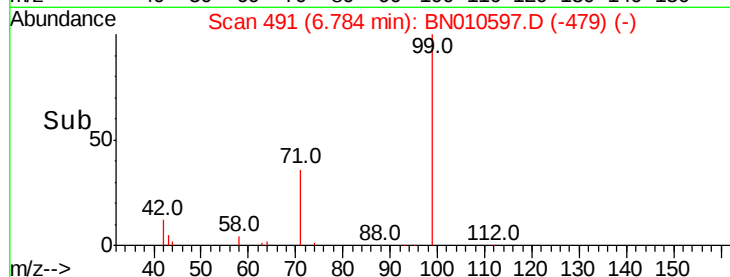
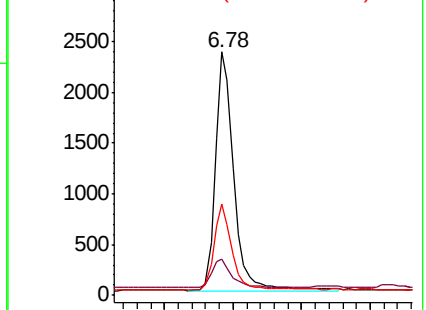
71 35.2 27.8 41.8



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# 522

Delta R.T. 0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

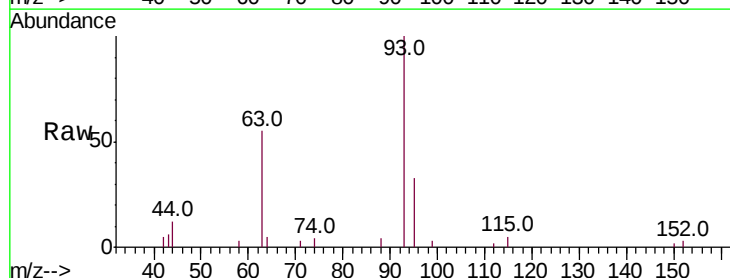
Tgt Ion: 93 Resp: 3716

Ion Ratio Lower Upper

93 100

63 57.0 44.6 66.8

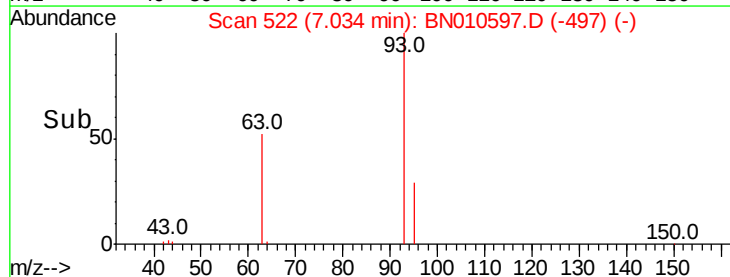
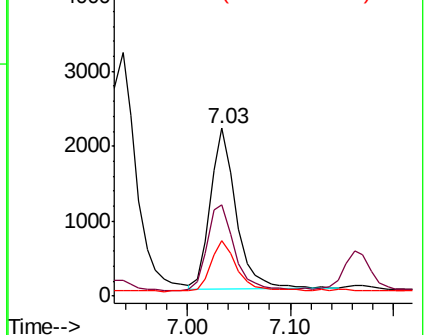
95 32.4 26.5 39.7



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. 0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 15296

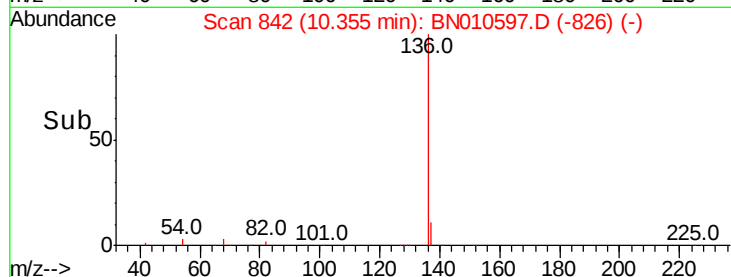
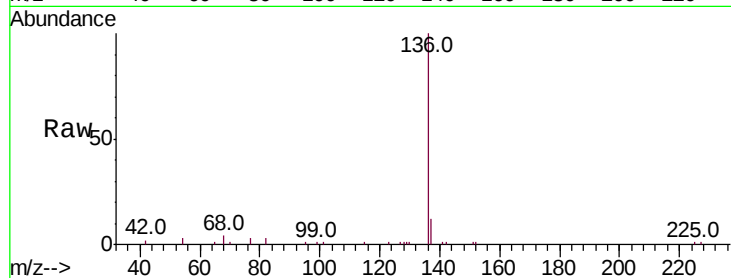
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 3.2 2.6 4.0

68 3.8 3.4 5.2

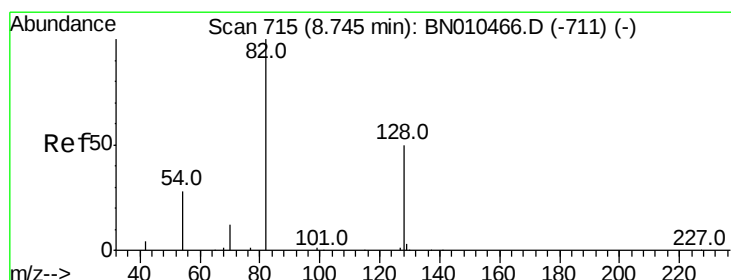
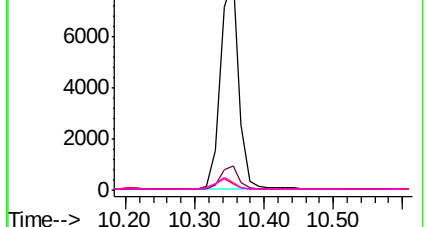


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.404 ng

RT: 8.73 min Scan# 714

Delta R.T. 0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

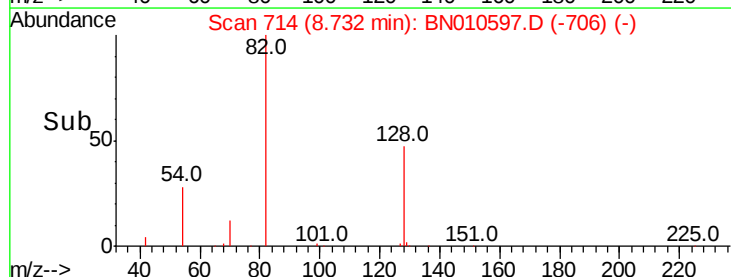
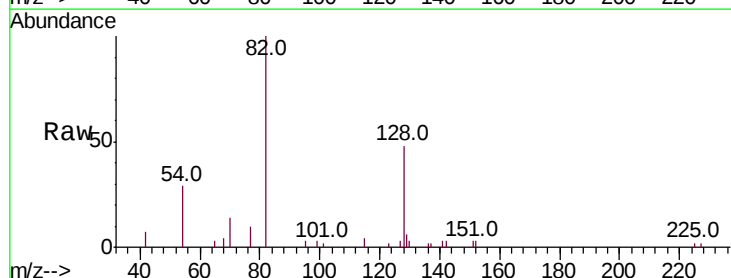
Tgt Ion: 82 Resp: 4322

Ion Ratio Lower Upper

82 100

128 48.4 41.3 61.9

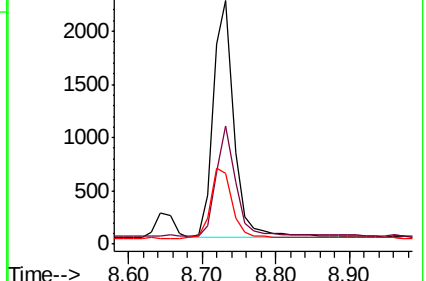
54 29.1 23.4 35.0



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





#9

Naphthalene

Concen: 0.412 ng

RT: 10.39 min Scan# 845

Delta R.T. 0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

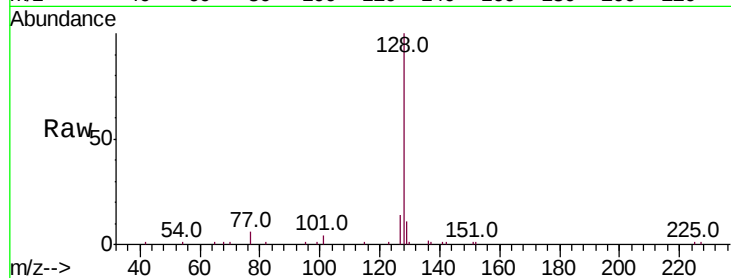
Tot Ion:128 Resp: 15645

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

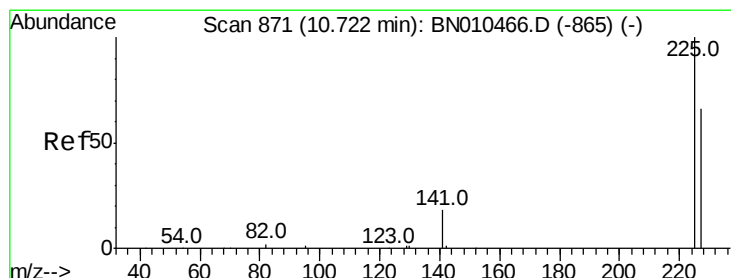
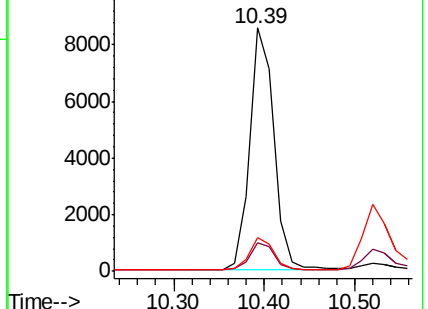
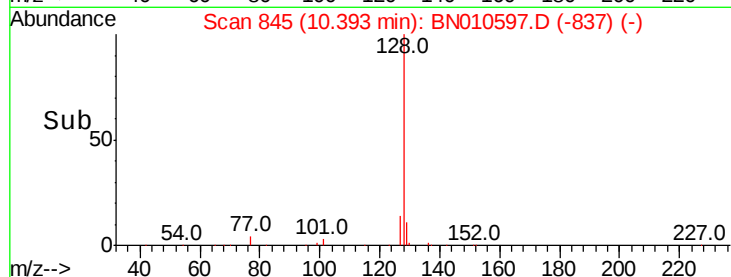
127 14.1 10.5 15.7



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: 0.403 ng

RT: 10.70 min Scan# 869

Delta R.T. 0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

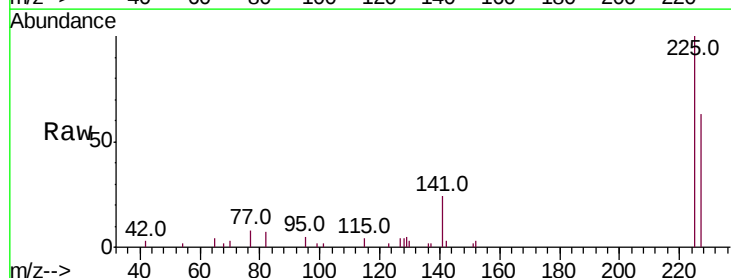
Tgt Ion:225 Resp: 3685

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

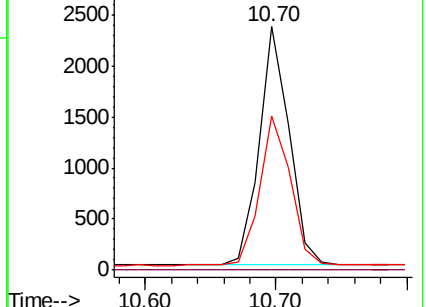
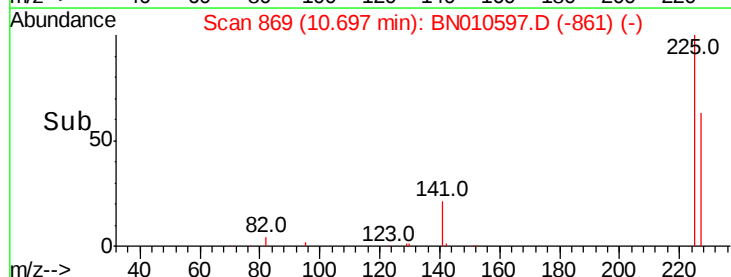
227 64.3 50.6 76.0

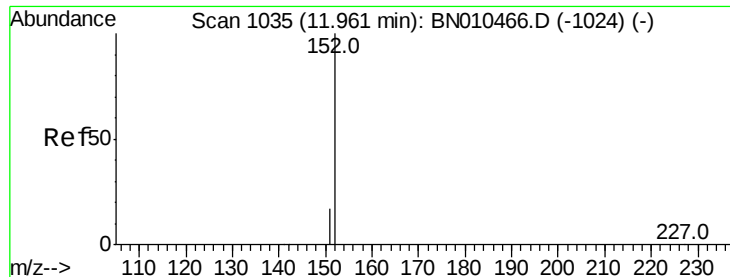


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

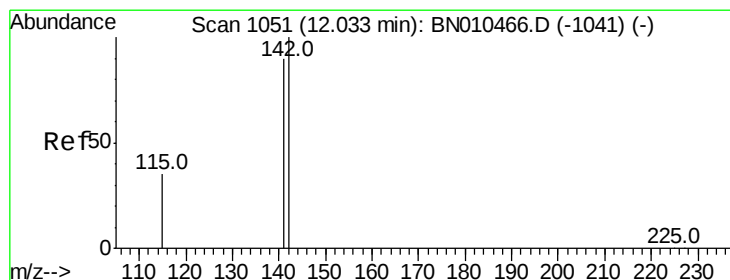
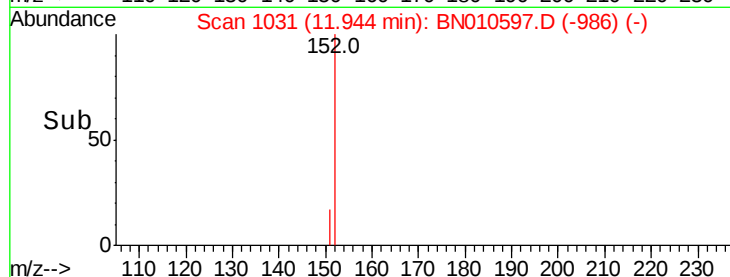
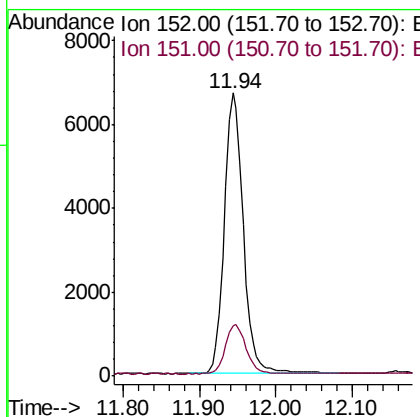
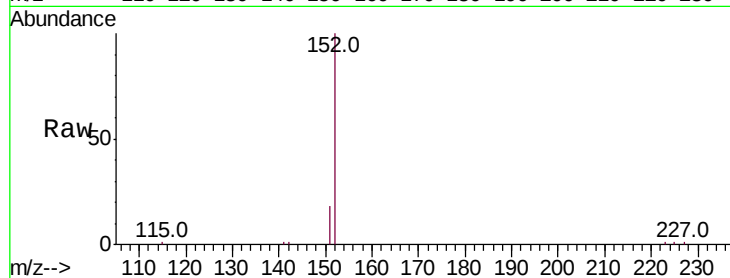




#11
2-Methylnaphthalene-d10
Concen: 0.460 ng
RT: 11.94 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BN010597.D
Acq: 24 Apr 2020 20:13

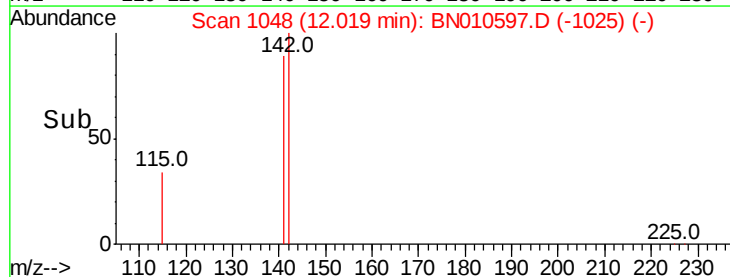
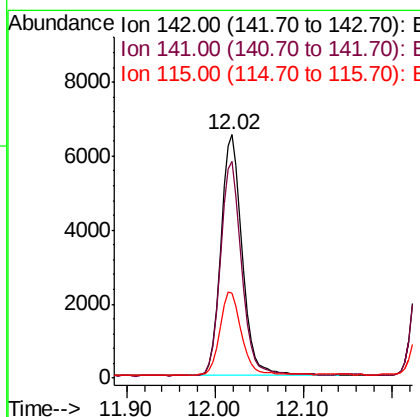
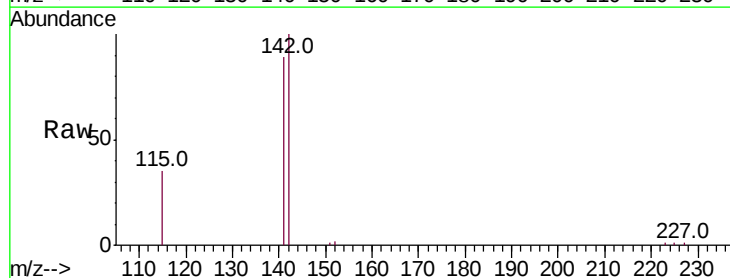
Instrument :
BNA_N
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SSTDCCC0.4EC

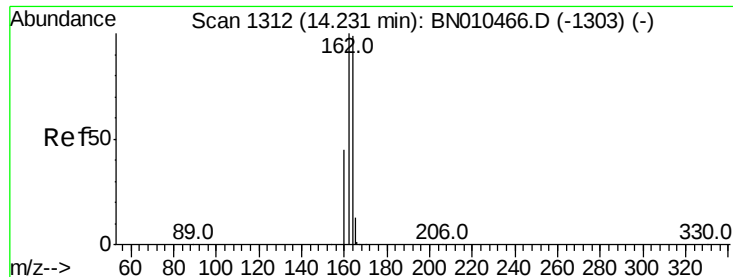
Tot Ion:152 Resp: 11577
Ion Ratio Lower Upper
152 100
151 19.3 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.410 ng
RT: 12.02 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BN010597.D
Acq: 24 Apr 2020 20:13

Tgt Ion:142 Resp: 11181
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# 1311

Delta R.T. 0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

Instrument :

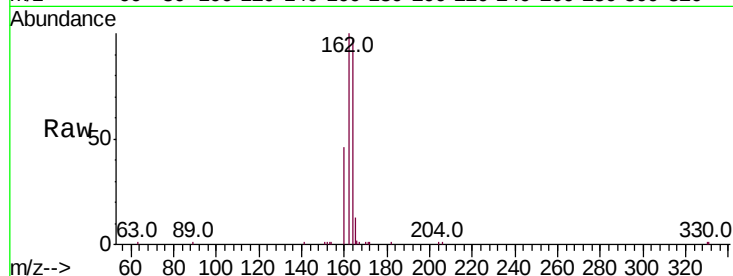
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:164 Resp: 9769

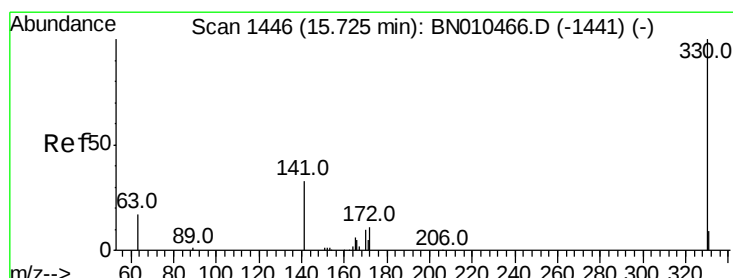
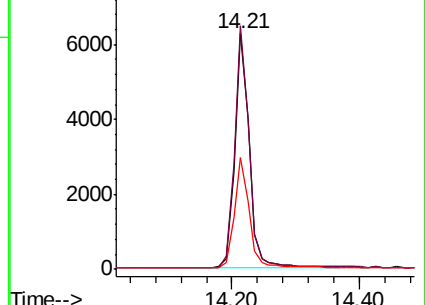
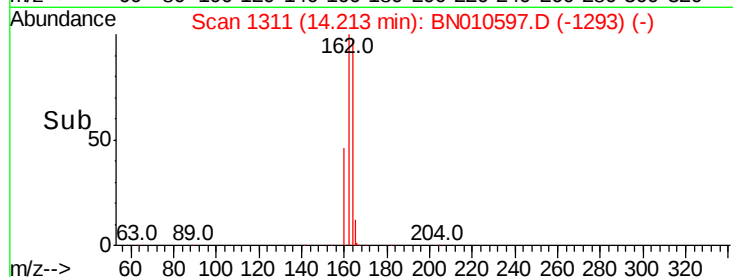
Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.6	121.0
160	47.6	36.5	54.7



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: 0.344 ng

RT: 15.72 min Scan# 1446

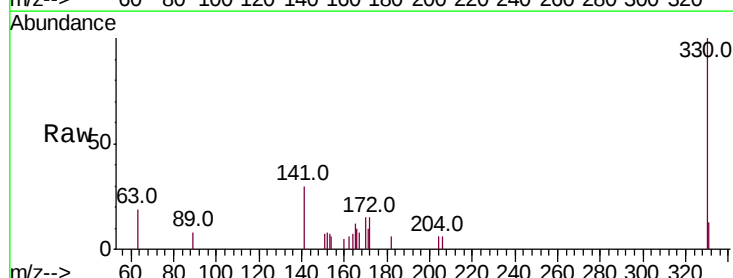
Delta R.T. 0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

Tgt Ion:330 Resp: 1583

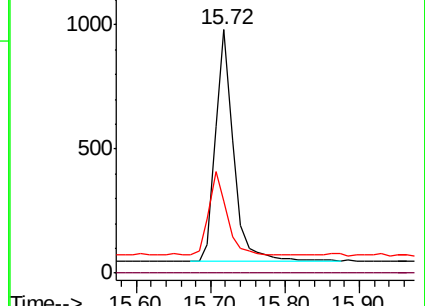
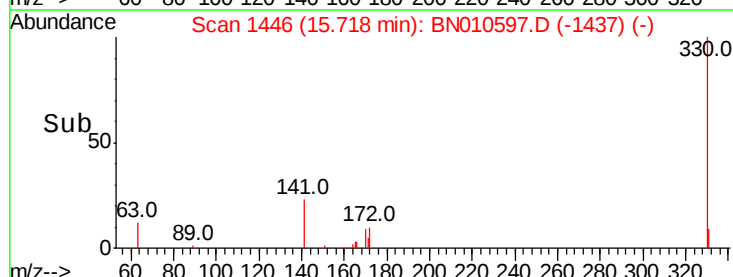
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.4	28.1	42.1

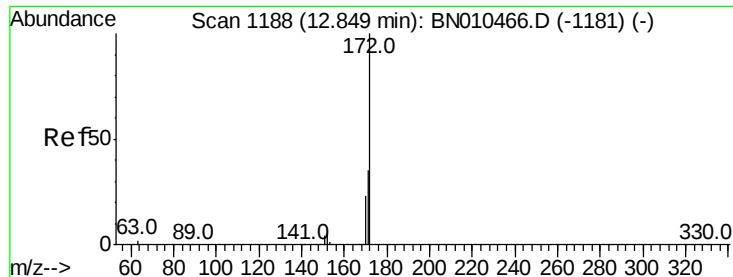


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

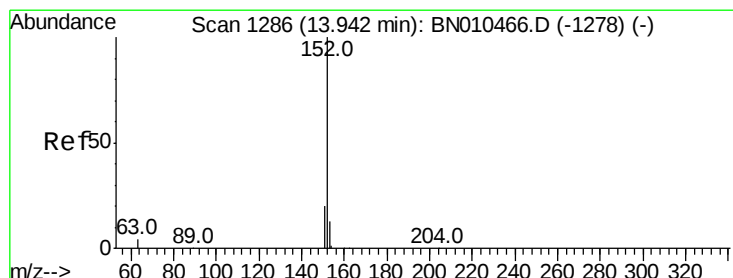
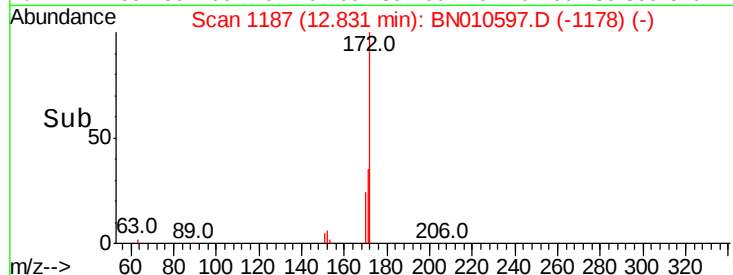
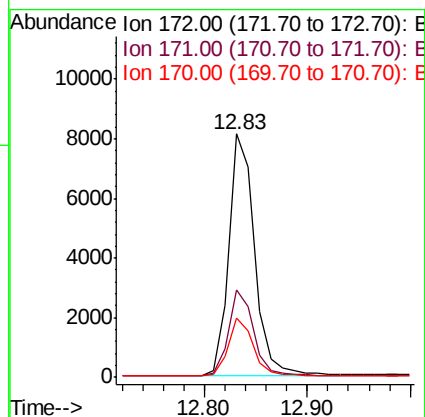
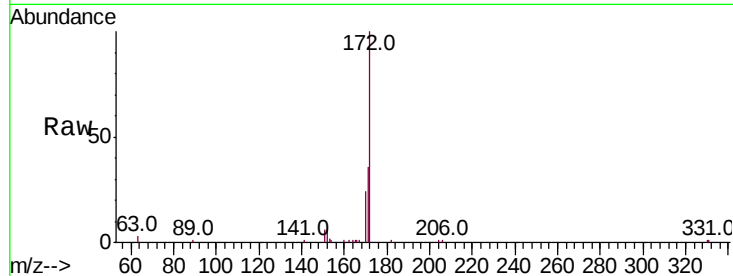




#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 12.83 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BN010597.D
Acq: 24 Apr 2020 20:13

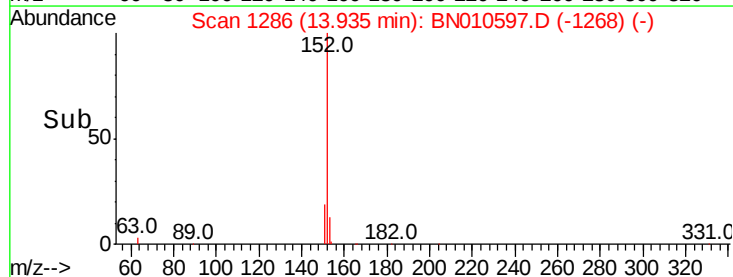
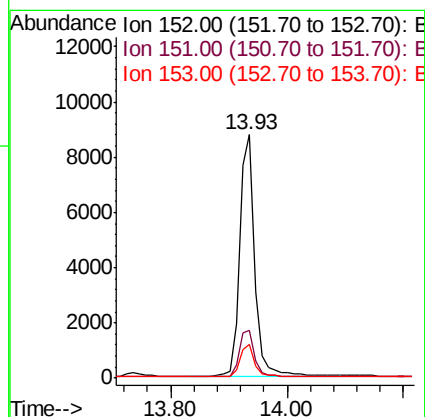
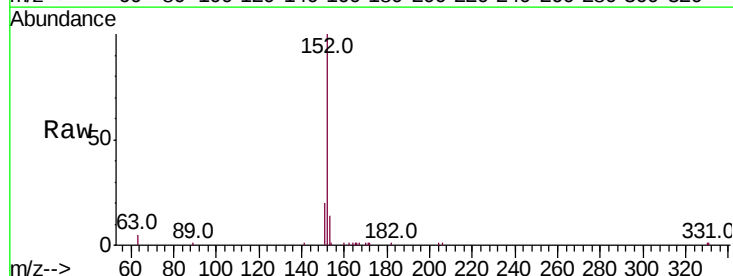
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 14148
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 24.2 18.4 27.6



#16
Acenaphthylene
Concen: 0.376 ng
RT: 13.93 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BN010597.D
Acq: 24 Apr 2020 20:13

Tgt Ion:152 Resp: 15878
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.410 ng

RT: 14.28 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

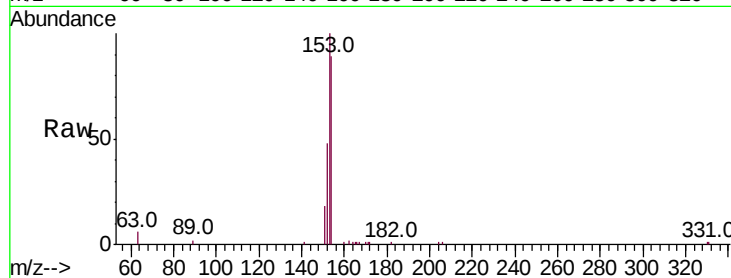
Tot Ion:154 Resp: 11129

Ion Ratio Lower Upper

154 100

153 112.6 91.0 136.4

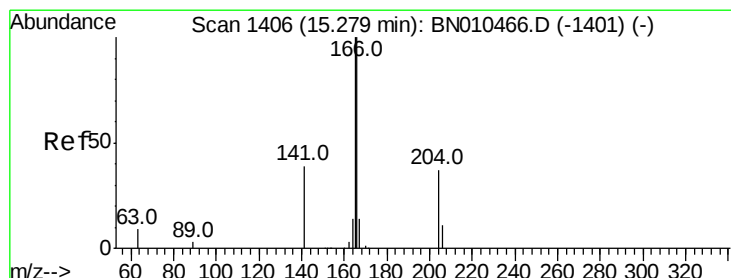
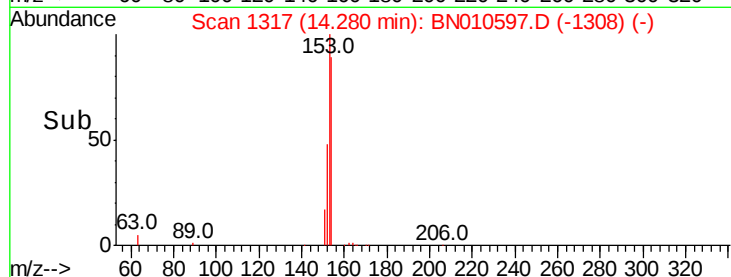
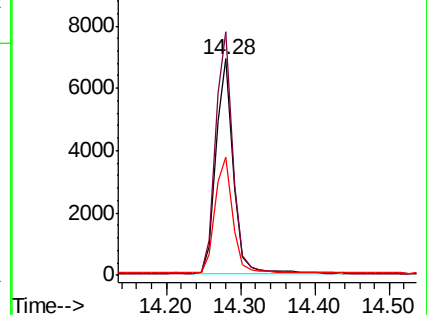
152 55.4 44.6 67.0



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



#18

Fluorene

Concen: 0.399 ng

RT: 15.27 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

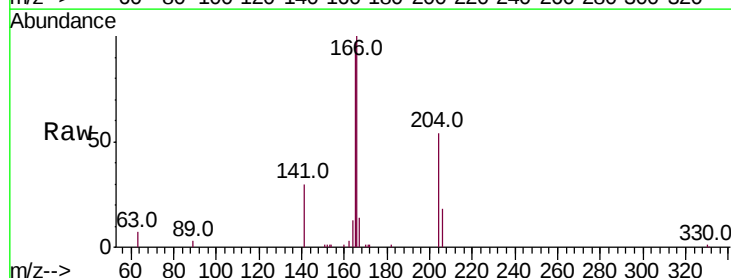
Tgt Ion:166 Resp: 14167

Ion Ratio Lower Upper

166 100

165 97.9 78.4 117.6

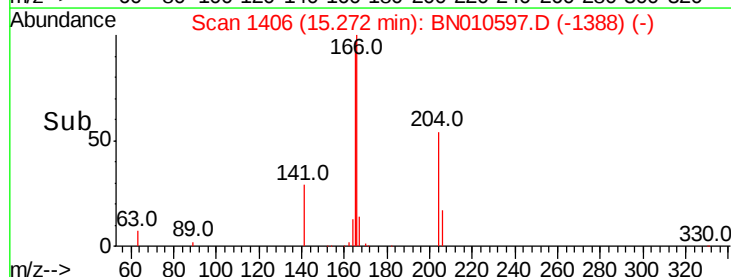
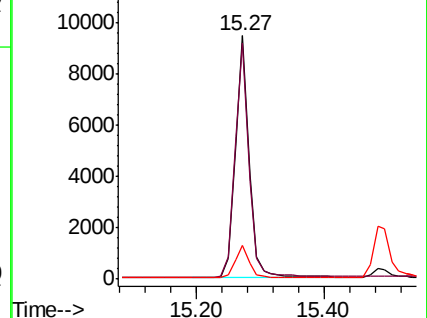
167 13.9 10.9 16.3

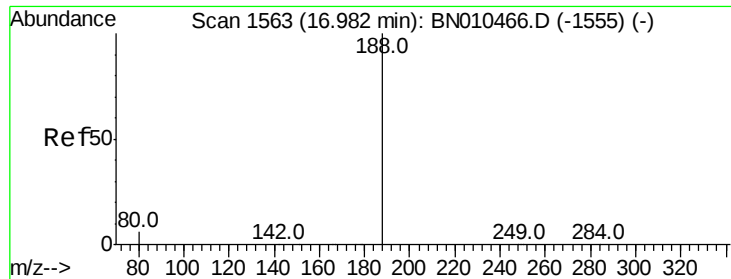


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1562

Delta R.T. 0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

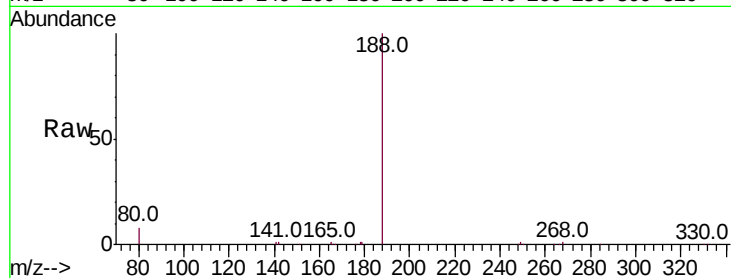
Tot Ion:188 Resp: 22182

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

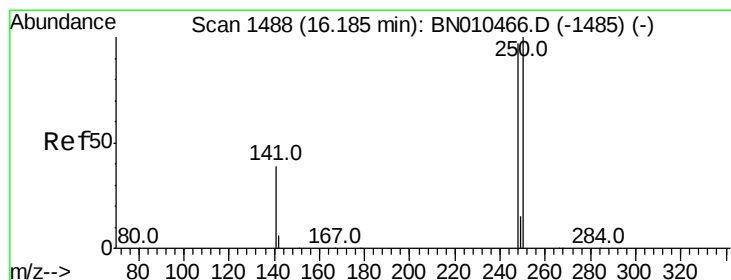
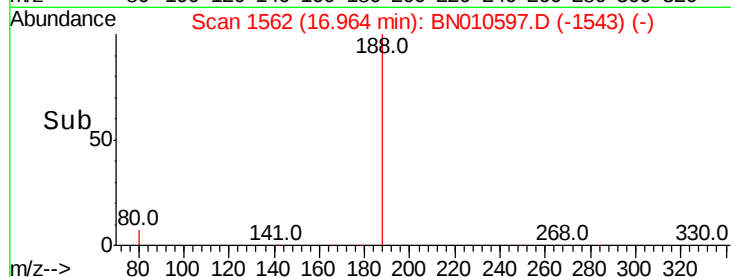
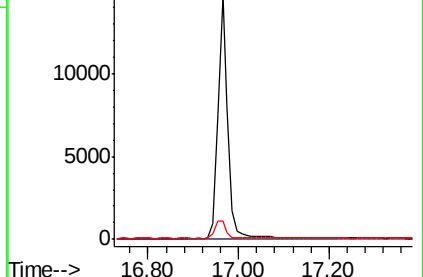
80 7.7 5.0 7.6#



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: 0.381 ng

RT: 16.17 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

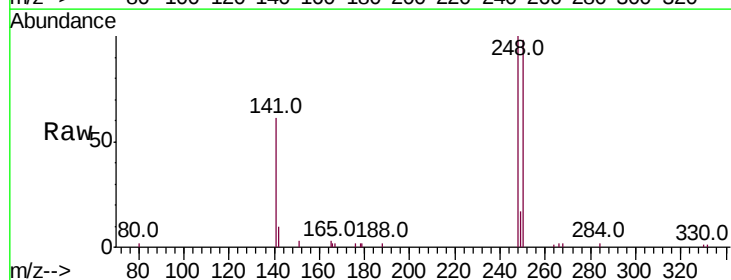
Tgt Ion:248 Resp: 4694

Ion Ratio Lower Upper

248 100

250 97.7 82.3 123.5

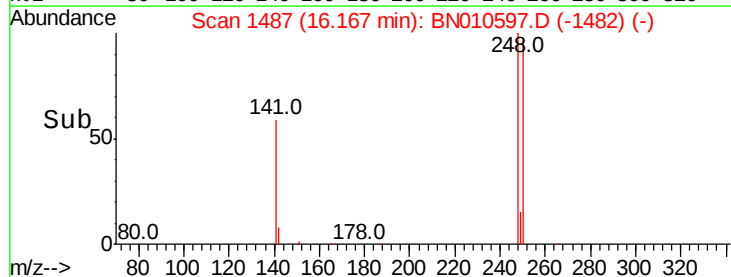
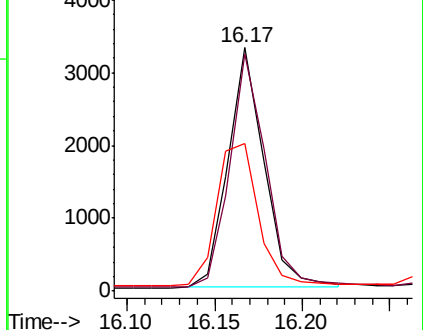
141 60.7 35.2 52.8#

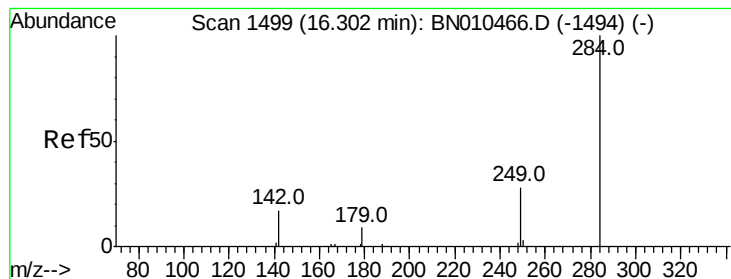


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.417 ng

RT: 16.28 min Scan# 1498

Delta R.T. 0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

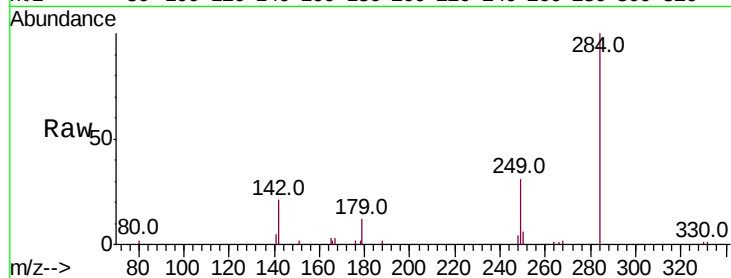
Tot Ion:284 Resp: 5867

Ion Ratio Lower Upper

284 100

142 32.6 25.5 38.3

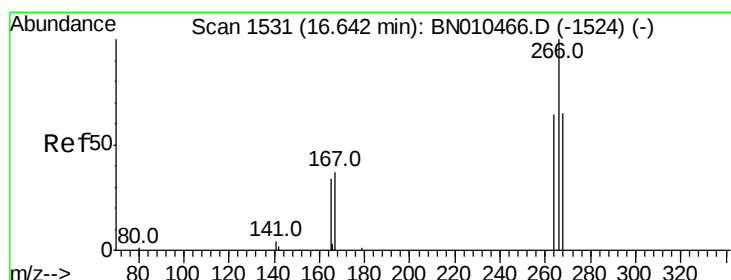
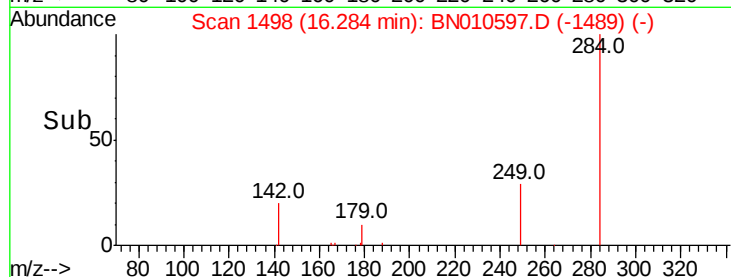
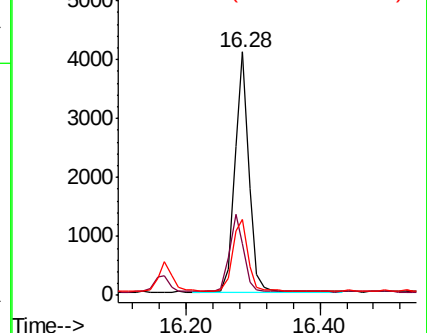
249 32.7 25.8 38.6



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: 0.336 ng

RT: 16.62 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

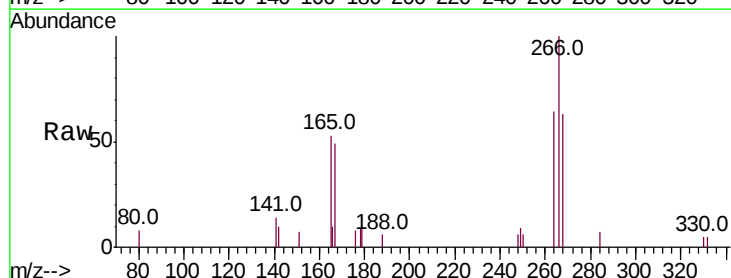
Tgt Ion:266 Resp: 1857

Ion Ratio Lower Upper

266 100

264 64.1 51.8 77.6

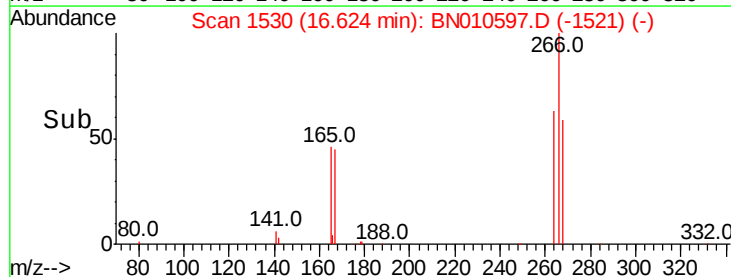
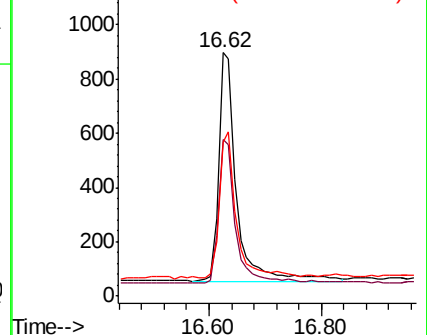
268 63.1 53.7 80.5



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: 0.403 ng

RT: 17.01 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

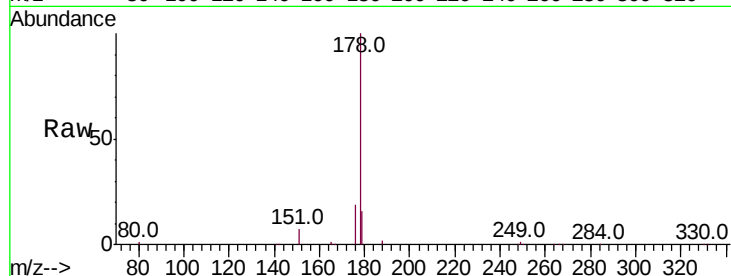
Tot Ion:178 Resp: 24127

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

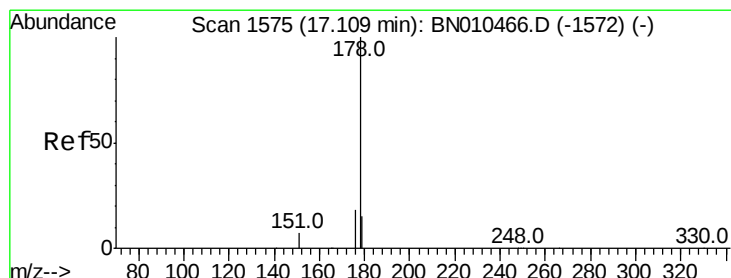
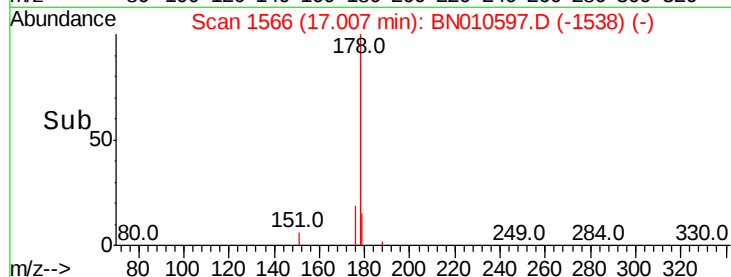
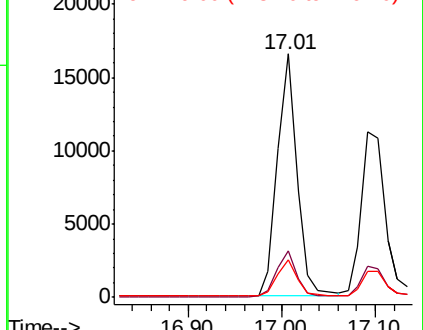
179 15.4 12.6 18.8



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: 17.09 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

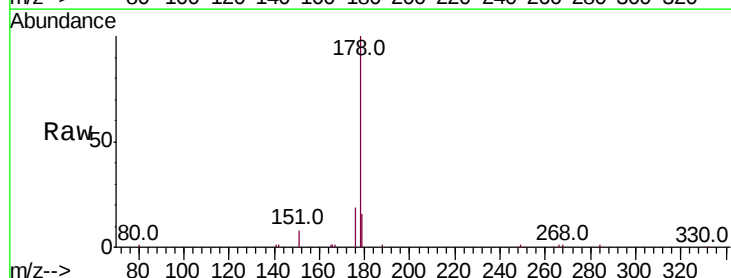
Tgt Ion:178 Resp: 20132

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

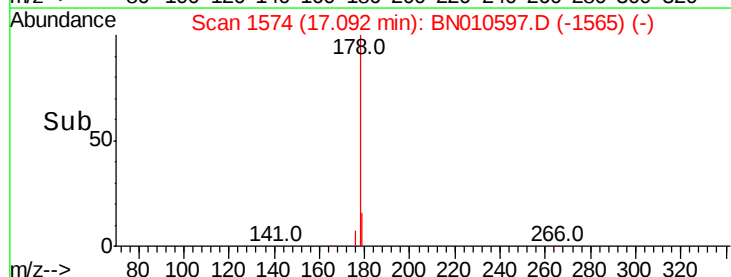
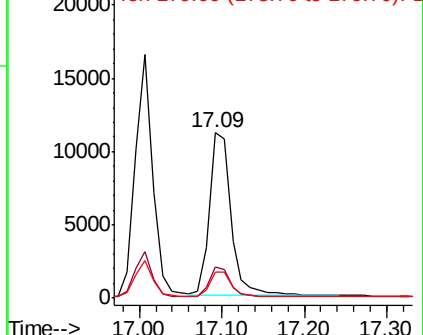
179 15.5 12.2 18.2

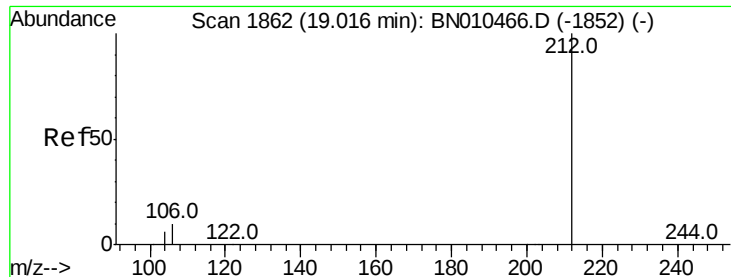


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.420 ng

RT: 19.00 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

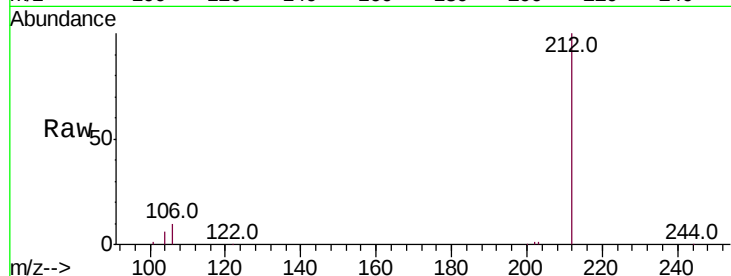
Tot Ion:212 Resp: 28248

Ion Ratio Lower Upper

212 100

106 10.3 7.8 11.6

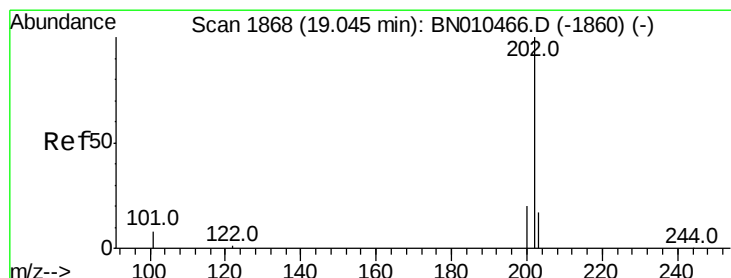
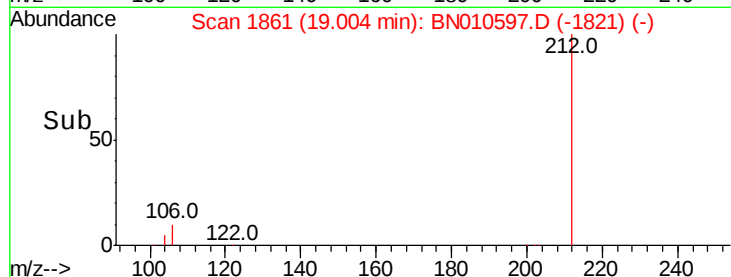
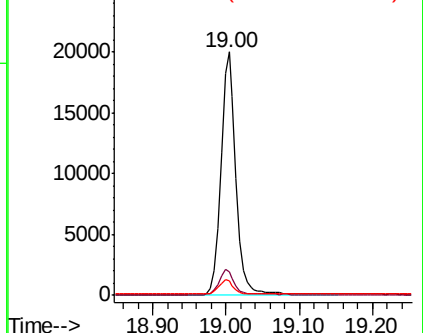
104 5.8 4.5 6.7



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: 0.378 ng

RT: 19.03 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

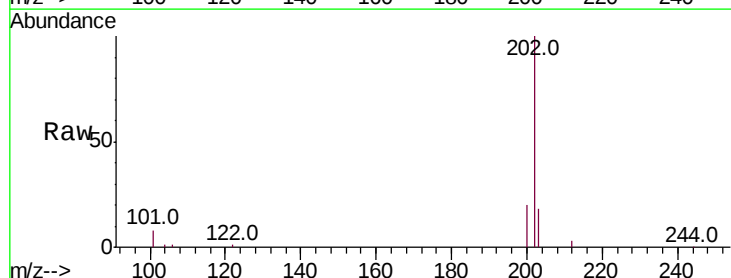
Tgt Ion:202 Resp: 28154

Ion Ratio Lower Upper

202 100

101 8.9 6.9 10.3

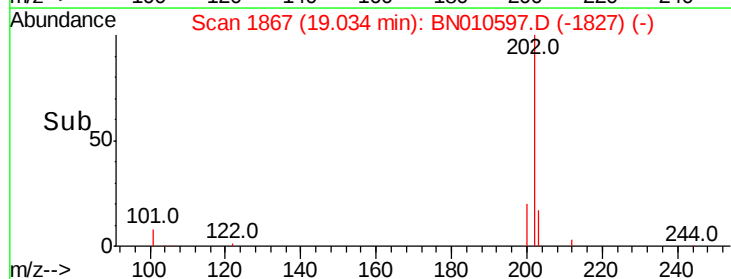
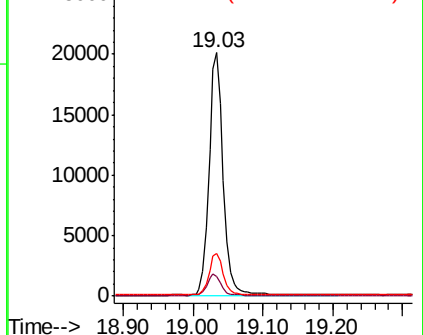
203 17.0 13.9 20.9



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

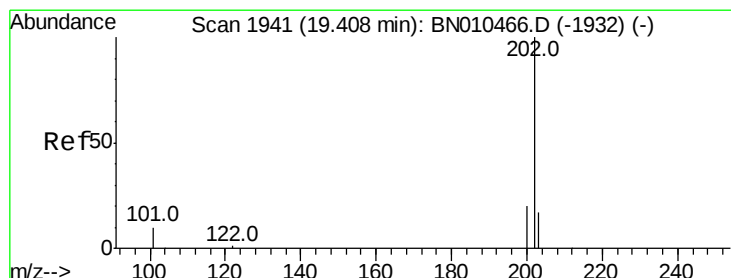
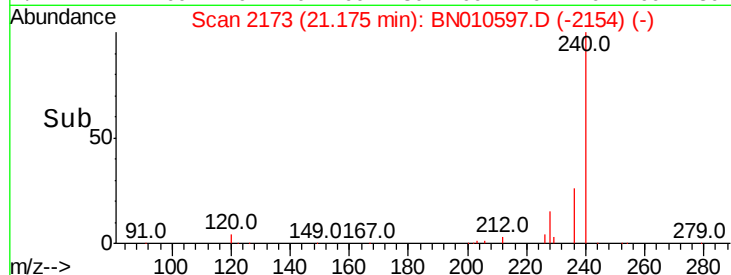
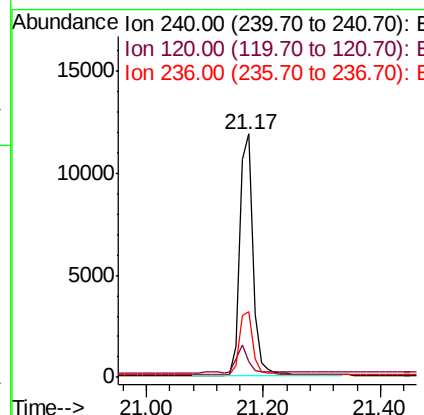
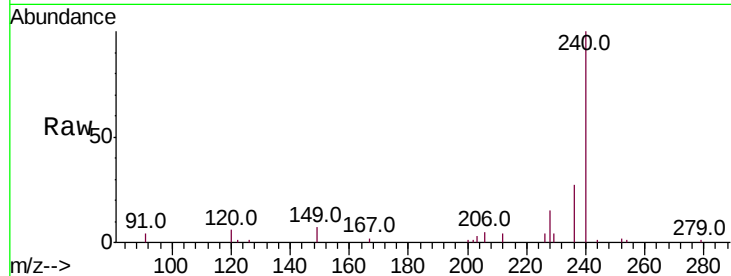




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.17 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BN010597.D
 Acq: 24 Apr 2020 20:13

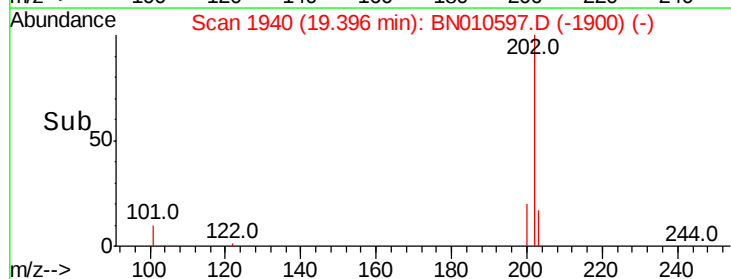
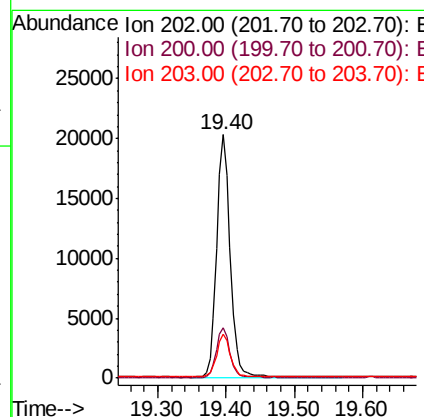
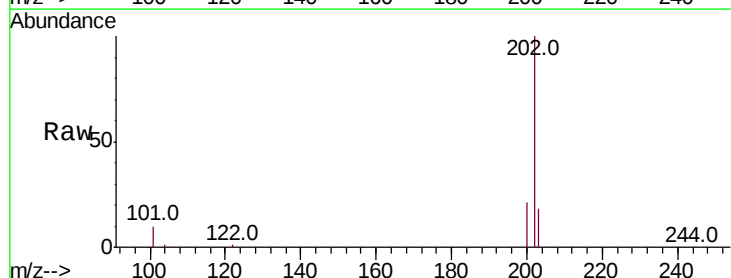
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

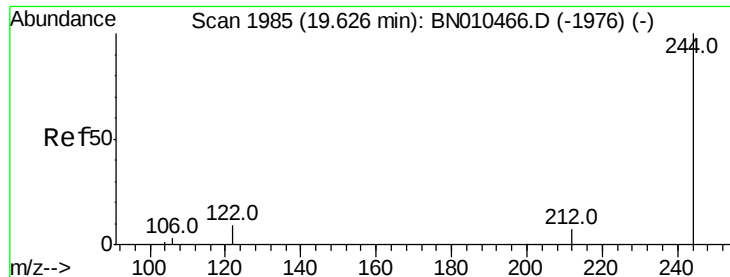
Tot Ion:240 Resp: 18457
 Ion Ratio Lower Upper
 240 100
 120 6.2 4.8 7.2
 236 26.8 21.4 32.0



#28
 Pyrene
 Concen: 0.451 ng
 RT: 19.40 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: BN010597.D
 Acq: 24 Apr 2020 20:13

Tgt Ion:202 Resp: 28012
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.3 24.5
 203 17.4 14.0 21.0





#29

Terphenyl-d14

Concen: 0.449 ng

RT: 19.61 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

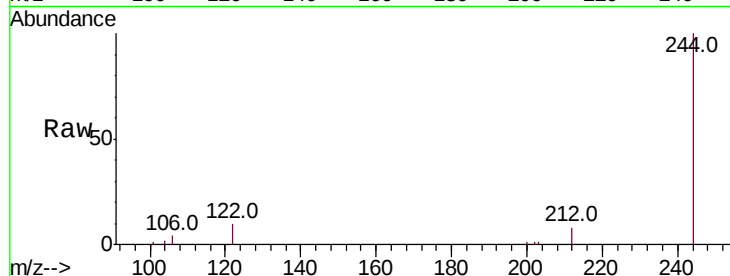
Tot Ion:244 Resp: 18946

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.4

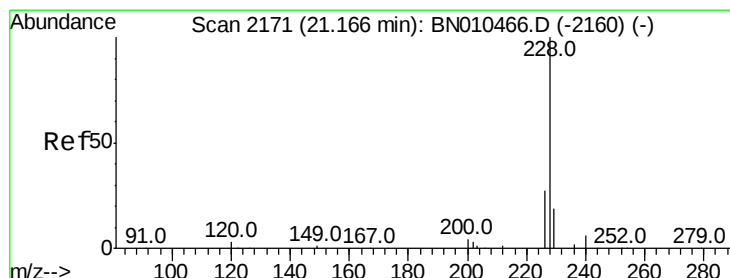
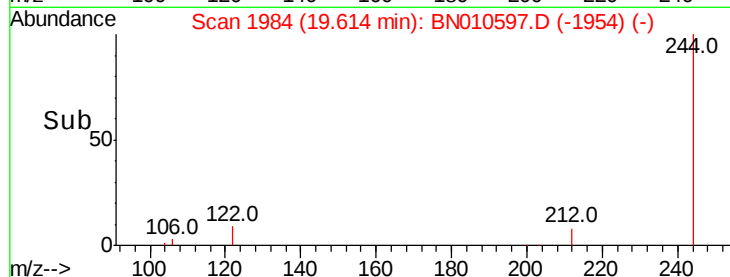
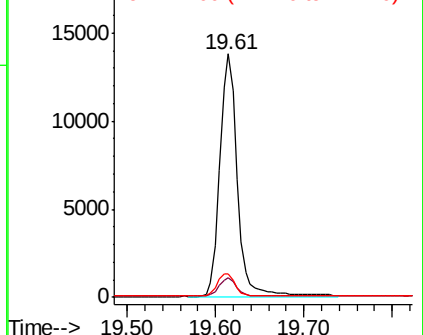
122 9.6 7.8 11.8



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: 0.386 ng

RT: 21.15 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

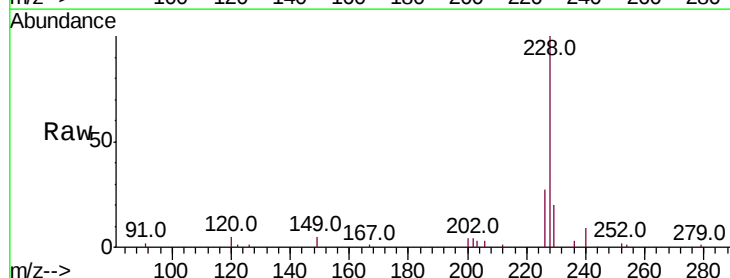
Tgt Ion:228 Resp: 23259

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

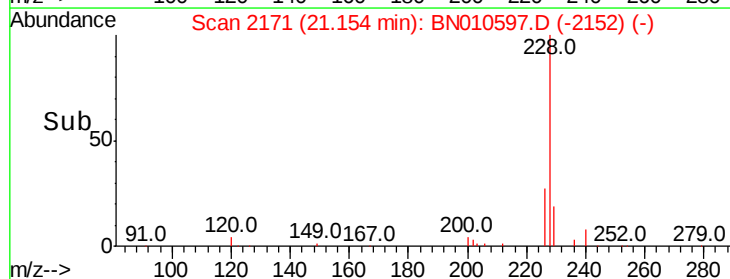
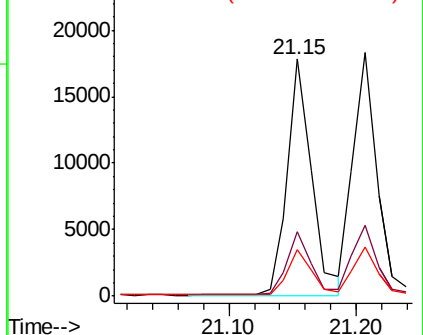
229 19.8 15.6 23.4

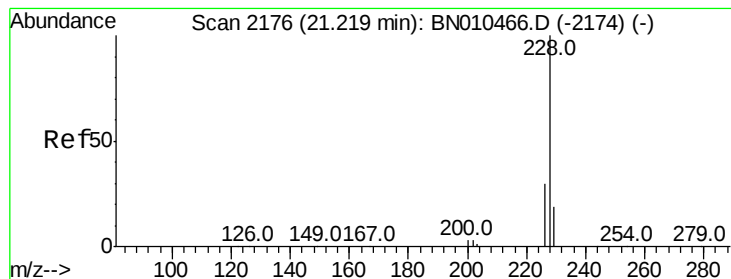


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.394 ng

RT: 21.21 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

Instrument :

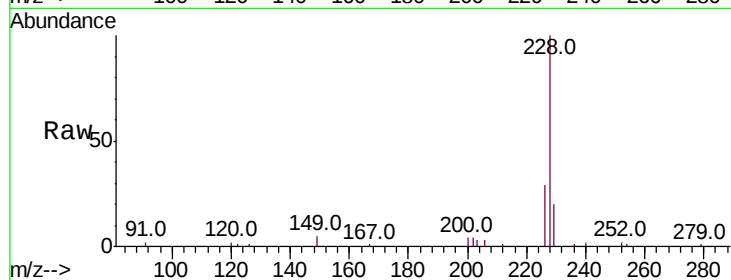
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 23625

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.0	36.0
229	20.1	15.8	23.6

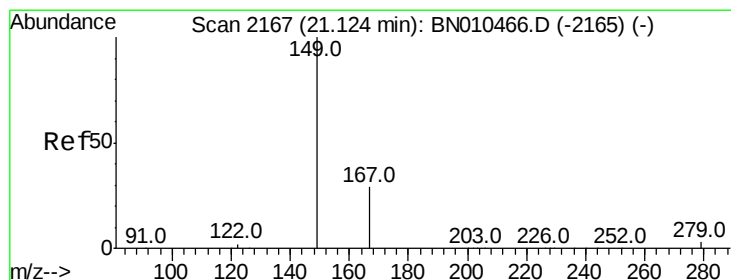
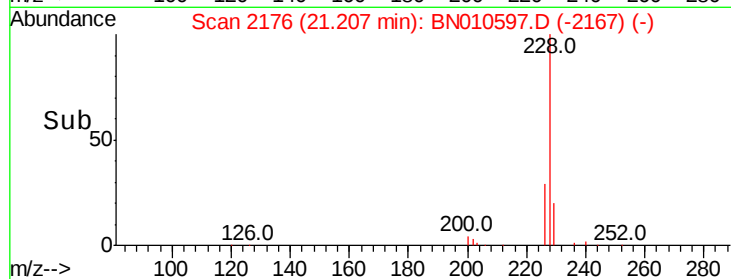
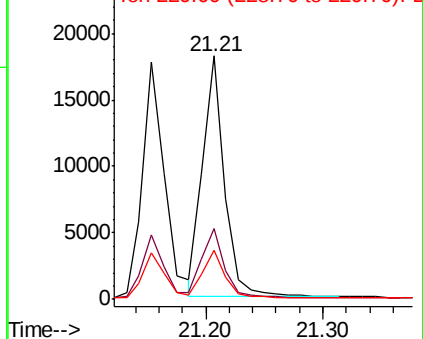


Abundance

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: 0.371 ng

RT: 21.11 min Scan# 2167

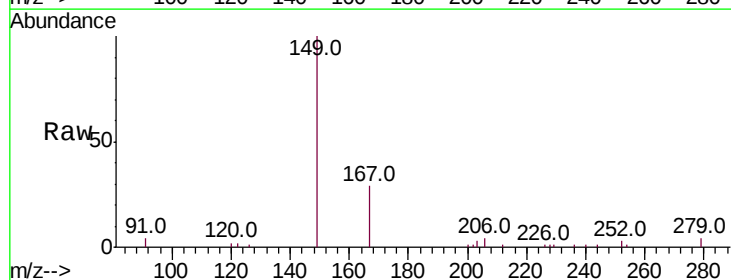
Delta R.T. 0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

Tgt Ion:149 Resp: 11451

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.4	35.0
279	5.1	4.0	6.0

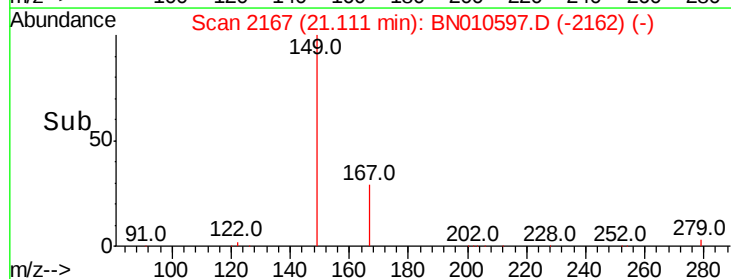
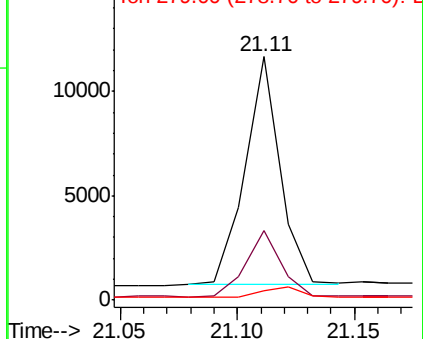


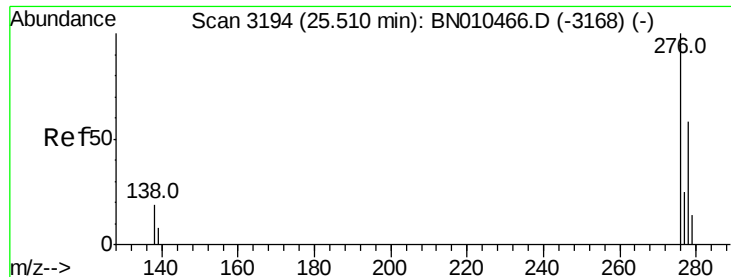
Abundance

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# 3187

Delta R.T. -0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

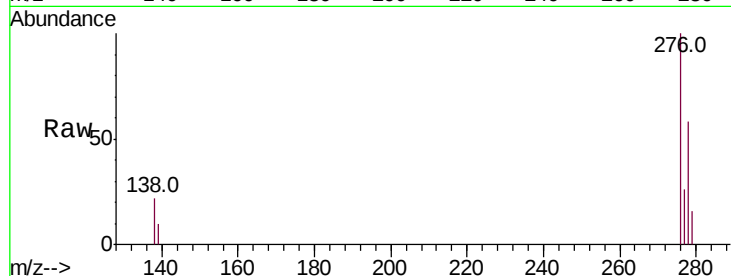
Tot Ion:276 Resp: 23787

Ion Ratio Lower Upper

276 100

138 21.4 16.4 24.6

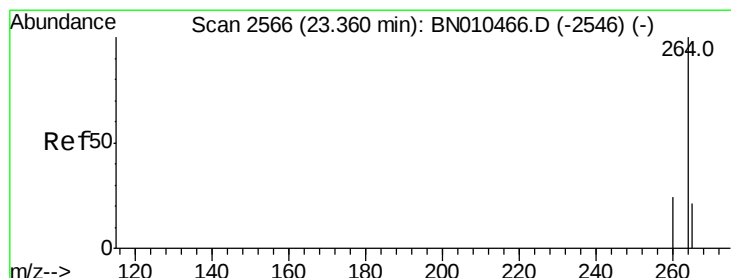
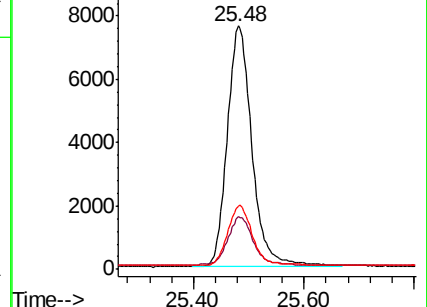
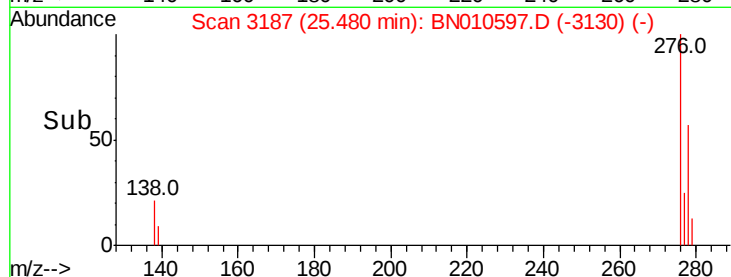
277 24.5 19.8 29.6



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: BN010597.D

Acq: 24 Apr 2020 20:13

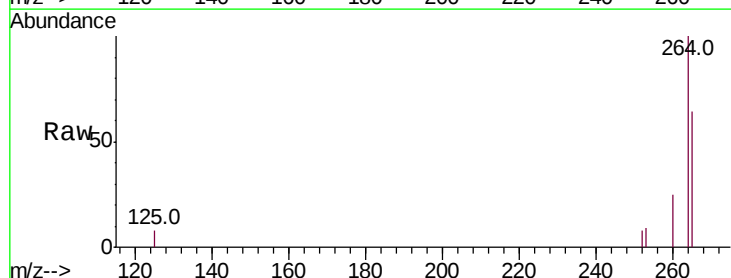
Tgt Ion:264 Resp: 16758

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.8

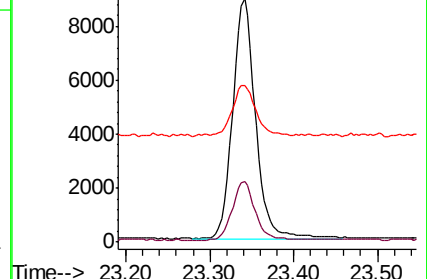
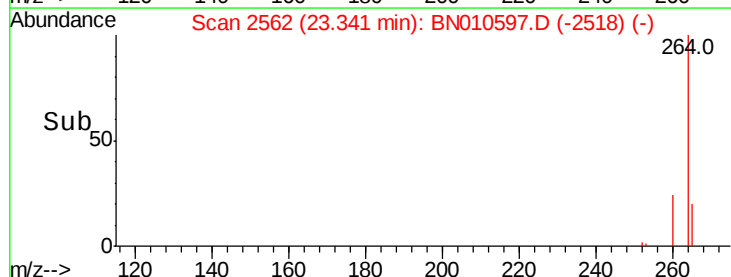
265 64.1 42.3 63.5#



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

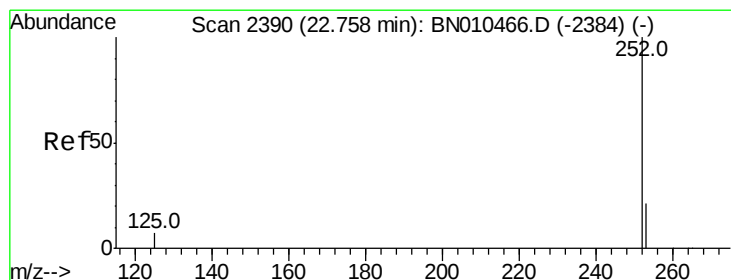
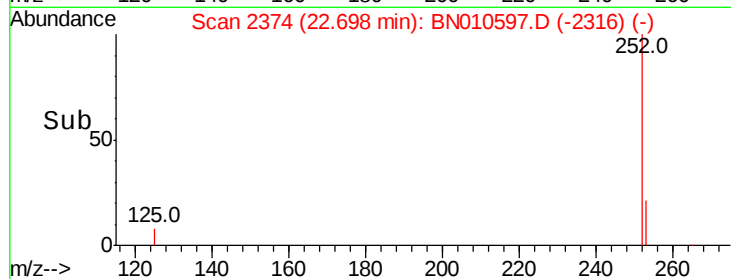
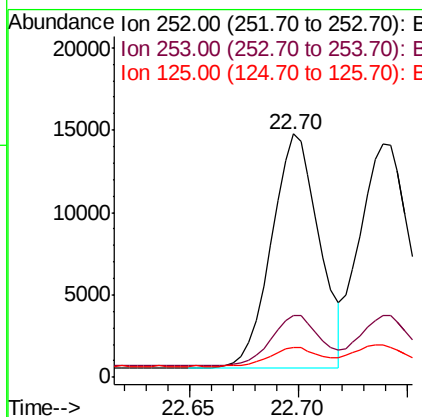
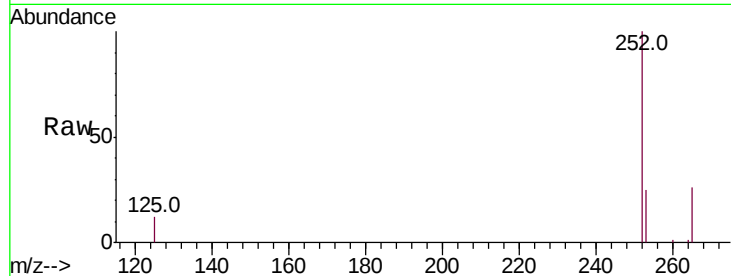




#35
Benzo(b)fluoranthene
Concen: 0.393 ng
RT: 22.70 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BN010597.D
Acq: 24 Apr 2020 20:13

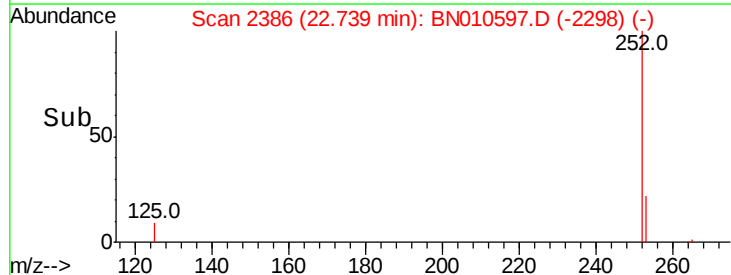
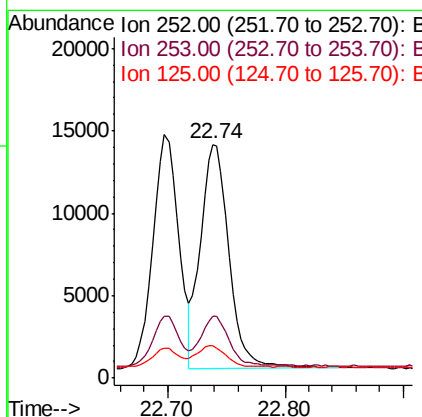
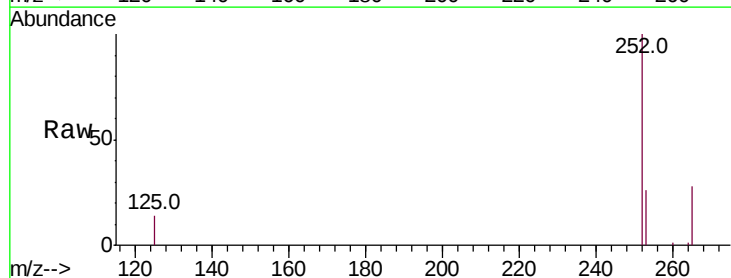
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:252 Resp: 21690
Ion Ratio Lower Upper
252 100
253 25.5 20.2 30.4
125 12.2 9.2 13.8



#36
Benzo(k)fluoranthene
Concen: 0.414 ng
RT: 22.74 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BN010597.D
Acq: 24 Apr 2020 20:13

Tgt Ion:252 Resp: 22883
Ion Ratio Lower Upper
252 100
253 26.3 20.1 30.1
125 13.7 9.6 14.4





#37

Benzo(a)pyrene

Concen: 0.389 ng

RT: 23.25 min Scan# 2534

Delta R.T. -0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

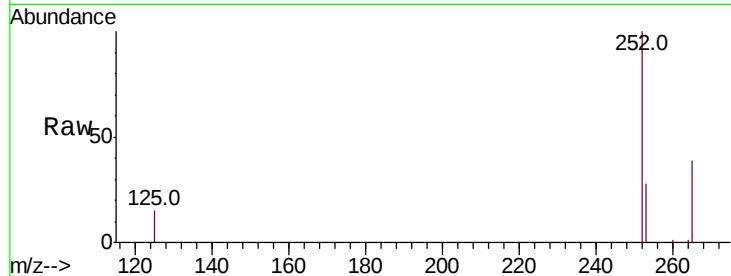
Tot Ion:252 Resp: 19011

Ion Ratio Lower Upper

252 100

253 27.8 21.8 32.8

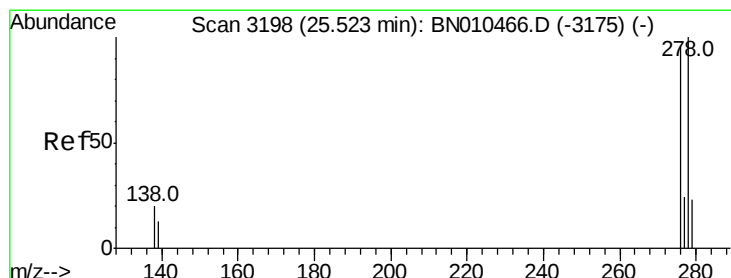
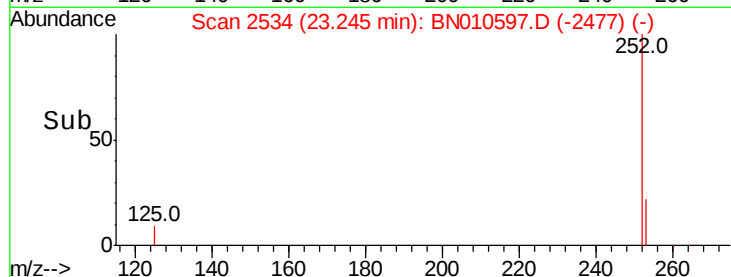
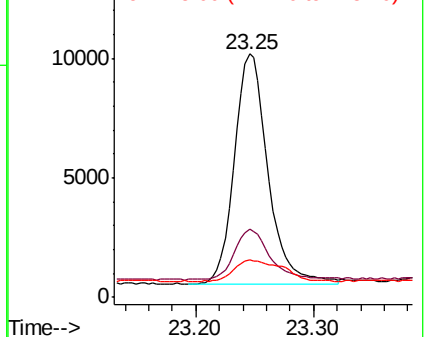
125 15.3 11.0 16.6



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: 0.426 ng

RT: 25.50 min Scan# 3192

Delta R.T. 0.00 min

Lab File: BN010597.D

Acq: 24 Apr 2020 20:13

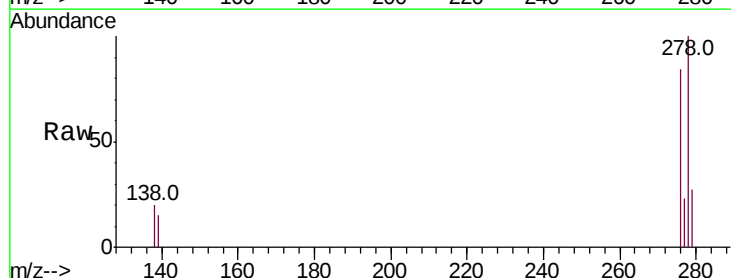
Tgt Ion:278 Resp: 19043

Ion Ratio Lower Upper

278 100

139 15.1 12.3 18.5

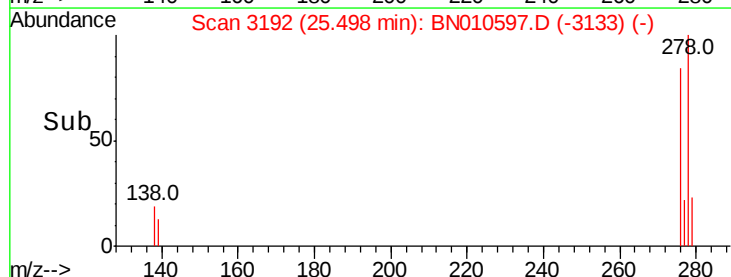
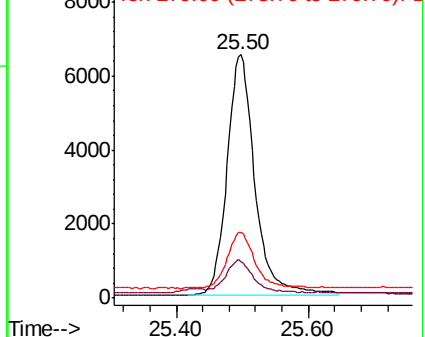
279 27.2 21.9 32.9

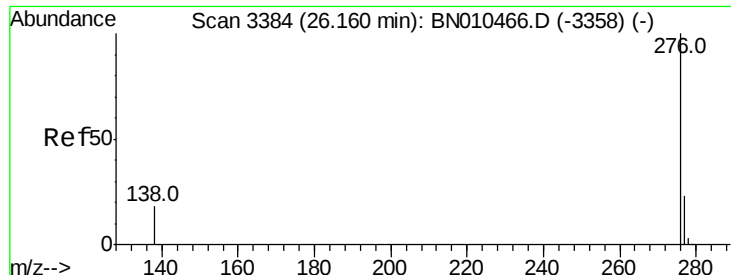


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.435 ng

RT: 26.13 min Scan# 3377

Delta R.T. 0.00 min

Lab File: BN010597.D

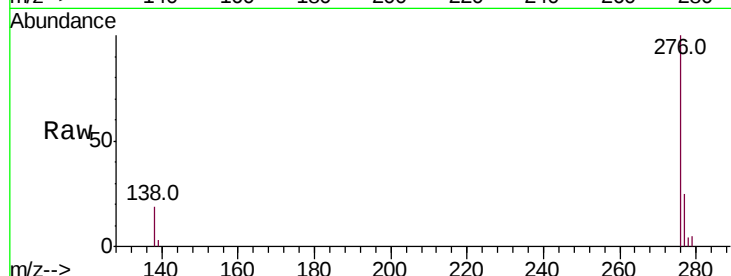
Acq: 24 Apr 2020 20:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



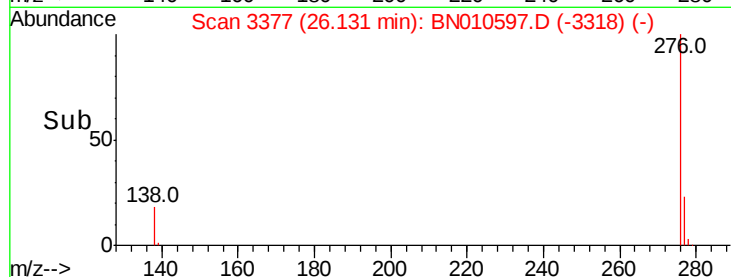
Tot Ion:276 Resp: 19529

Ion Ratio Lower Upper

276 100

277 24.6 20.2 30.2

138 19.3 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

