

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041320\
 Data File : BN010469.D
 Acq On : 13 Apr 2020 16:12
 Operator : CG/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Quant Time: Apr 13 16:42:07 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 14:54:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4911	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	18213	0.40	ng	0.00
13) Acenaphthene-d10	14.22	164	11547	0.40	ng	0.00
19) Phenanthrene-d10	16.98	188	25654	0.40	ng	0.00
27) Chrysene-d12	21.19	240	26557	0.40	ng	0.00
34) Perylene-d12	23.36	264	22402	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	32850	3.38	ng	0.00
5) Phenol-d6	6.79	99	43957	3.64	ng	0.00
8) Nitrobenzene-d5	8.73	82	42582	3.65	ng	-0.01
11) 2-Methylnaphthalene-d10	11.96	152	96838	3.33	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	19270	4.34	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	134347	3.04	ng	0.00
25) Fluoranthene-d10	19.01	212	257716	3.33	ng	0.00
29) Terphenyl-d14	19.62	244	195537	3.41	ng	0.00

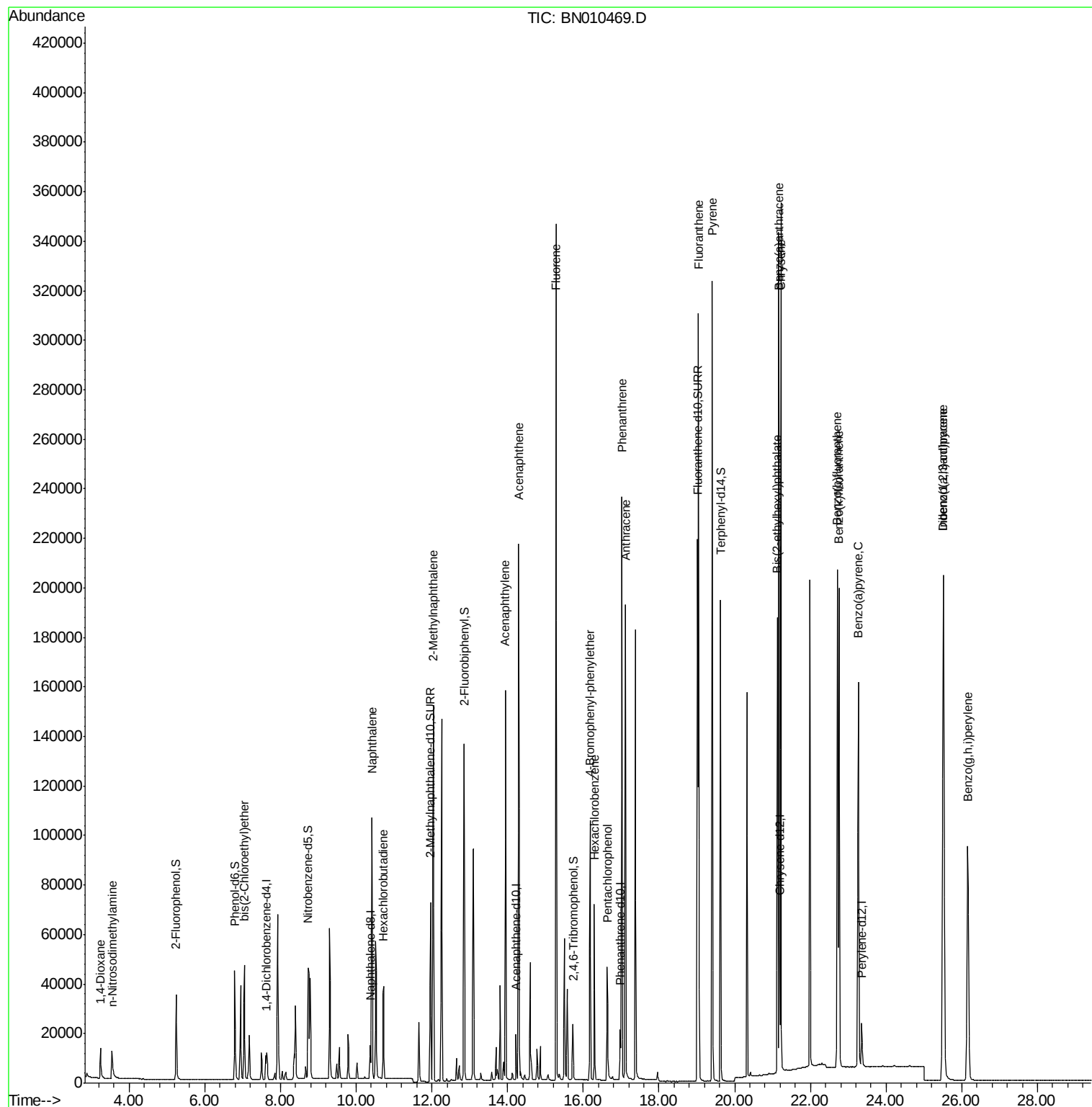
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	11664	2.529	ng	98
3) n-Nitrosodimethylamine	3.54	42	8309	2.132	ng	# 93
6) bis(2-Chloroethyl)ether	7.04	93	36738	3.163	ng	99
9) Naphthalene	10.42	128	144687	3.186	ng	99
10) Hexachlorobutadiene	10.72	225	34203	3.106	ng	# 99
12) 2-Methylnaphthalene	12.03	142	104744	3.327	ng	99
16) Acenaphthylene	13.95	152	168406	3.717	ng	100
17) Acenaphthene	14.29	154	106599	3.302	ng	96
18) Fluorene	15.28	166	138780	3.237	ng	100
20) 4-Bromophenyl-phenylether	16.18	248	48730	3.131	ng	# 88
21) Hexachlorobenzene	16.29	284	51859	3.244	ng	99
22) Pentachlorophenol	16.63	266	23566	4.307	ng	97
23) Phenanthrene	17.02	178	228068	3.234	ng	99
24) Anthracene	17.11	178	217402	3.606	ng	100
26) Fluoranthene	19.04	202	283507	3.281	ng	100
28) Pyrene	19.41	202	285617	3.454	ng	100
30) Benzo(a)anthracene	21.16	228	279003	3.299	ng	100
31) Chrysene	21.22	228	269109	2.967	ng	99
32) Bis(2-ethylhexyl)phthalate	21.12	149	144238	5.054	ng	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	237722	2.447	ng	99
35) Benzo(b)fluoranthene	22.71	252	240064	3.154	ng	# 93
36) Benzo(k)fluoranthene	22.76	252	232649	3.004	ng	# 93
37) Benzo(a)pyrene	23.26	252	211246	3.290	ng	# 90
38) Dibenzo(a,h)anthracene	25.52	278	194135	2.796	ng	94
39) Benzo(g,h,i)perylene	26.16	276	192330	2.752	ng	97

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041320\
Data File : BN010469.D
Acq On : 13 Apr 2020 16:12
Operator : CG/JU
Sample : SSTDIC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDIC3.2

Quant Time: Apr 13 16:42:07 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 14:54:53 2020
Response via : Initial Calibration



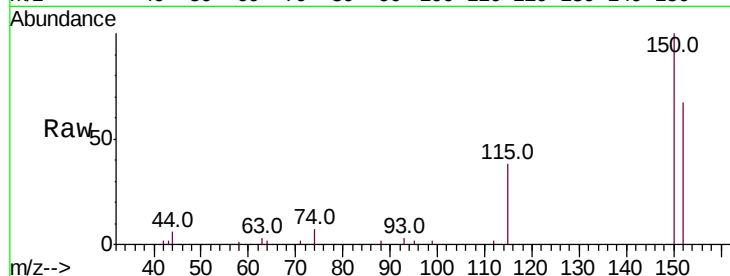


#1

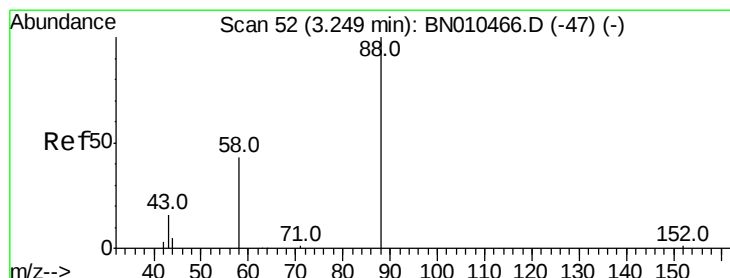
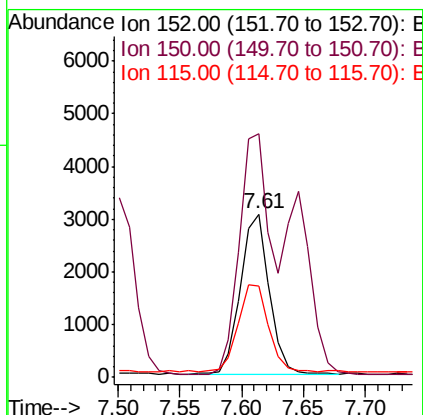
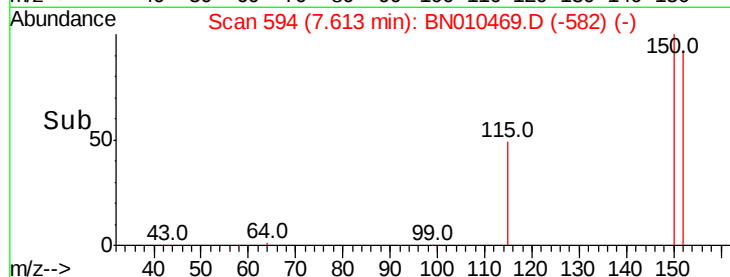
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 594
Delta R.T. -0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tot Ion:152 Resp: 4911
Ion Ratio Lower Upper
152 100
150 149.1 121.8 182.6
115 56.1 45.5 68.3



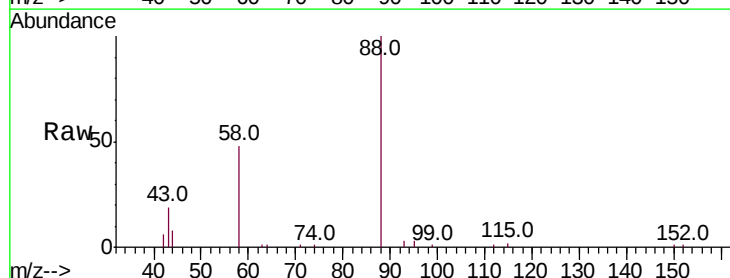
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



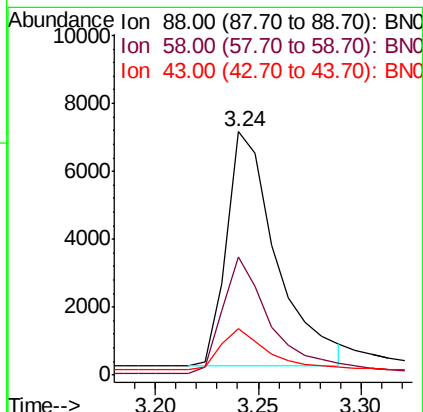
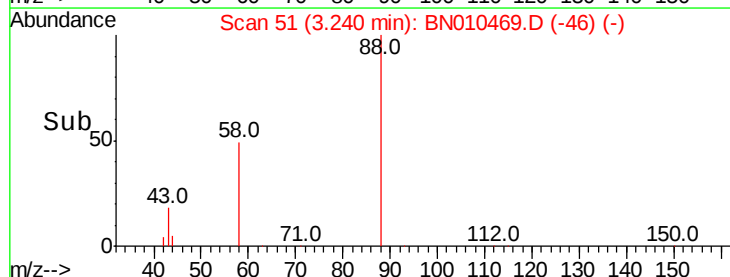
#2

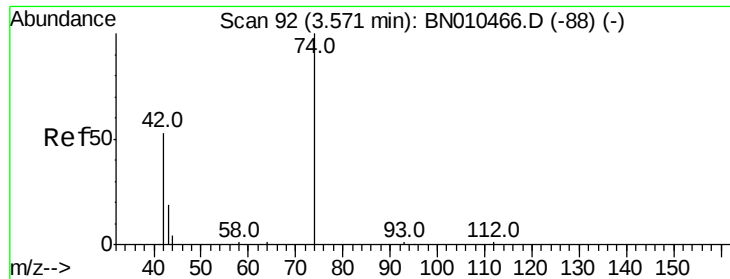
1,4-Dioxane
Concen: 2.529 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.01 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Tgt Ion: 88 Resp: 11664
Ion Ratio Lower Upper
88 100
58 46.8 36.5 54.7
43 16.9 13.2 19.8



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





#3

n-Nitrosodimethylamine

Concen: 2.132 ng

RT: 3.54 min Scan# 88

Delta R.T. -0.03 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

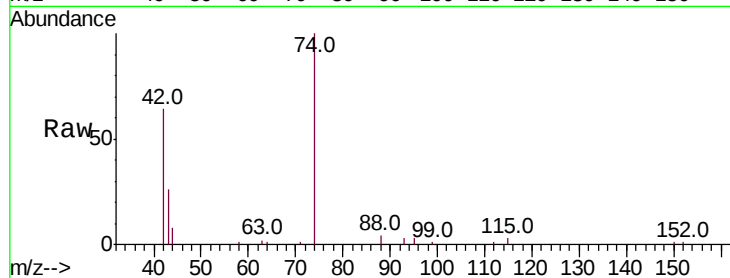
Tot Ion: 42 Resp: 8309

Ion Ratio Lower Upper

42 100

74 192.6 162.2 243.4

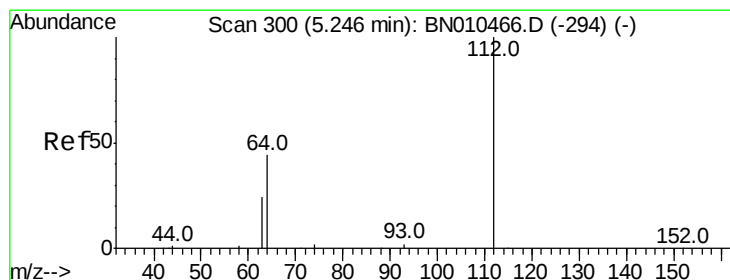
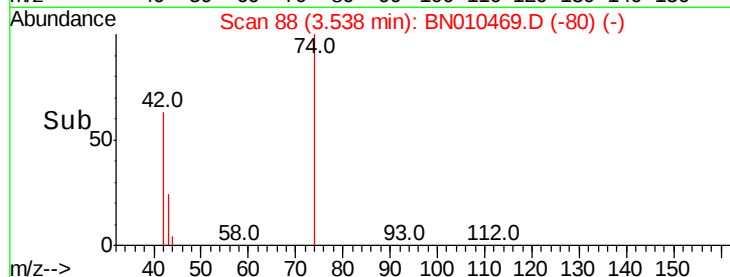
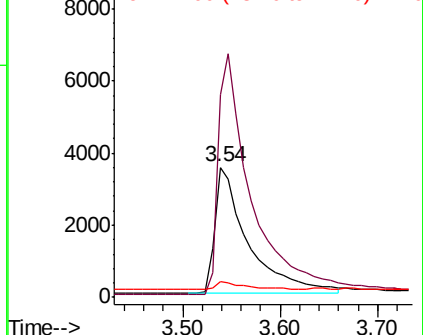
44 5.6 2.4 3.6#



Abundance Ion 42.00 (41.70 to 42.70): BN010466.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BN010466.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BN010466.D (-88) (-)



#4

2-Fluorophenol

Concen: 3.380 ng

RT: 5.25 min Scan# 300

Delta R.T. -0.00 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

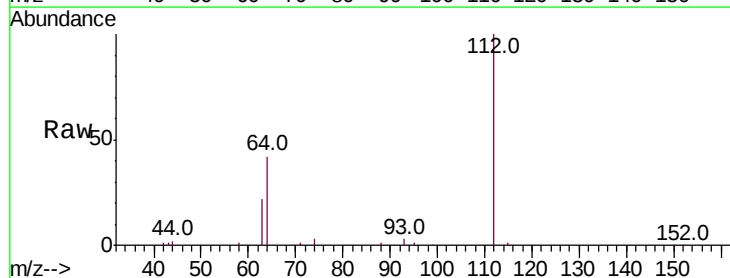
Tgt Ion: 112 Resp: 32850

Ion Ratio Lower Upper

112 100

64 44.5 35.8 53.8

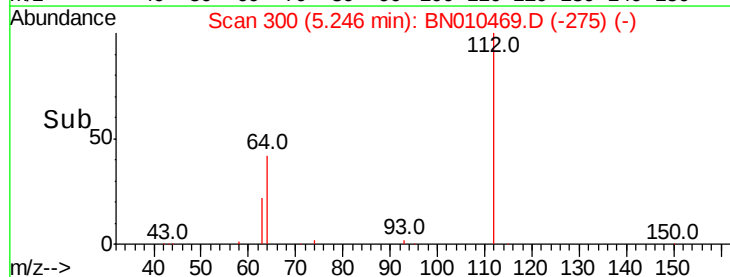
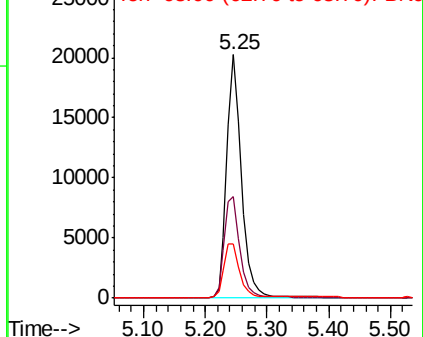
63 23.8 19.9 29.9

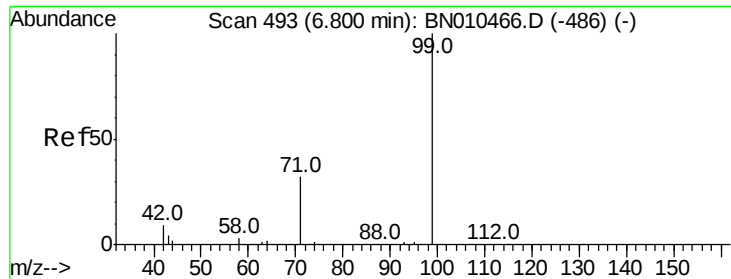


Abundance Ion 112.00 (111.70 to 112.70): BN010466.D (-294) (-)

Ion 64.00 (63.70 to 64.70): BN010466.D (-294) (-)

Ion 63.00 (62.70 to 63.70): BN010466.D (-294) (-)





#5

Phenol-d6

Concen: 3.636 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

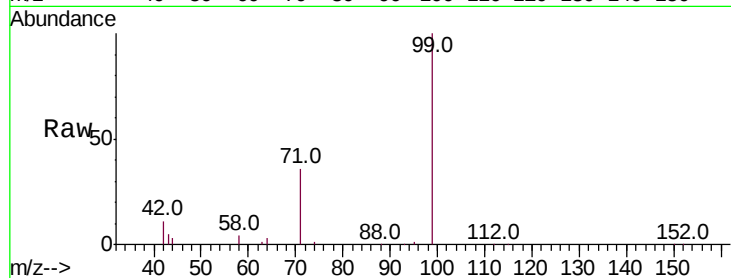
Tot Ion: 99 Resp: 43957

Ion Ratio Lower Upper

99 100

42 11.8 9.8 14.6

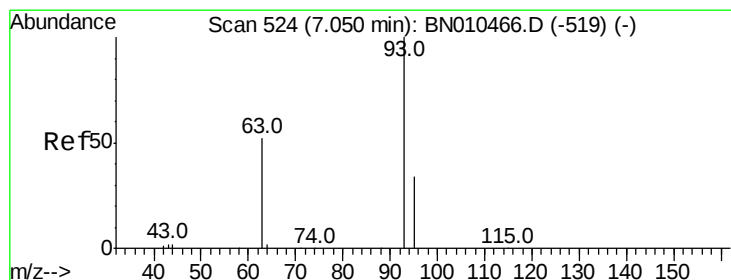
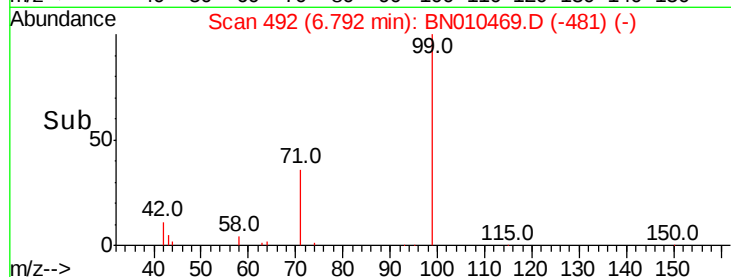
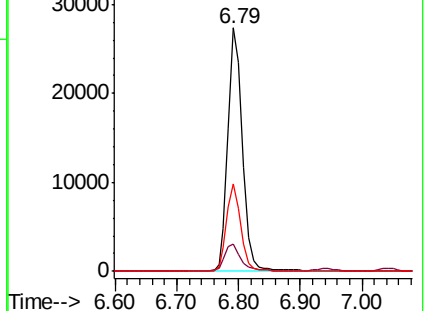
71 35.0 27.8 41.8



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: 3.163 ng

RT: 7.04 min Scan# 523

Delta R.T. -0.01 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

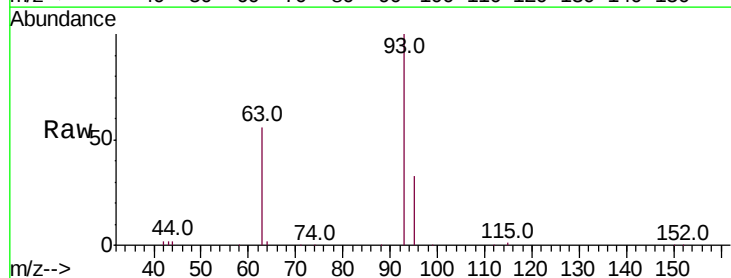
Tgt Ion: 93 Resp: 36738

Ion Ratio Lower Upper

93 100

63 57.0 44.6 66.8

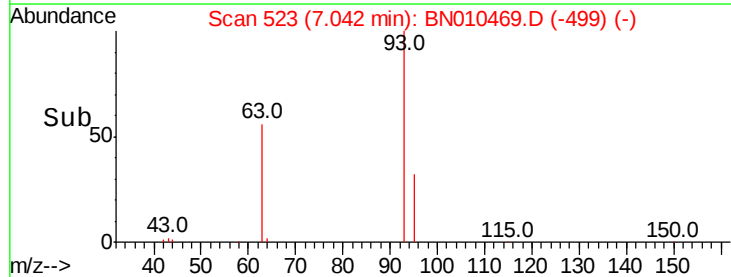
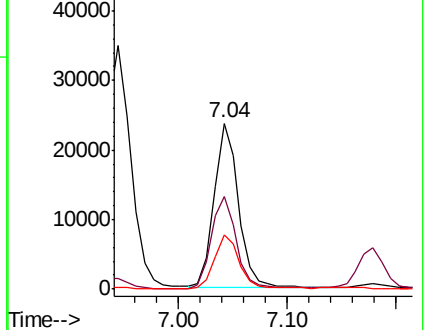
95 32.9 26.5 39.7

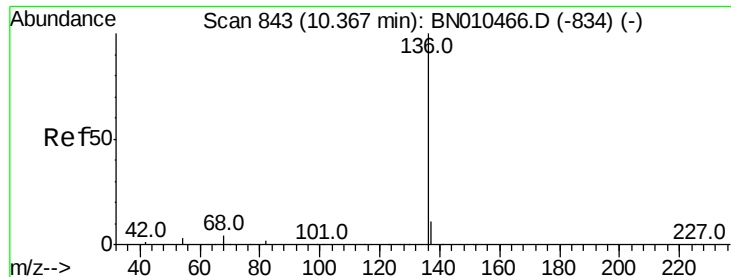


Abundance Ion 93.00 (92.70 to 93.70): BN010466.D (-519) (-)

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: 10.37 min Scan# 843

Delta R.T. -0.00 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 18213

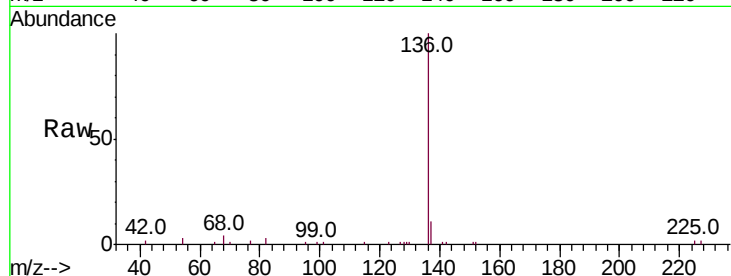
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 3.4 2.6 4.0

68 4.2 3.4 5.2

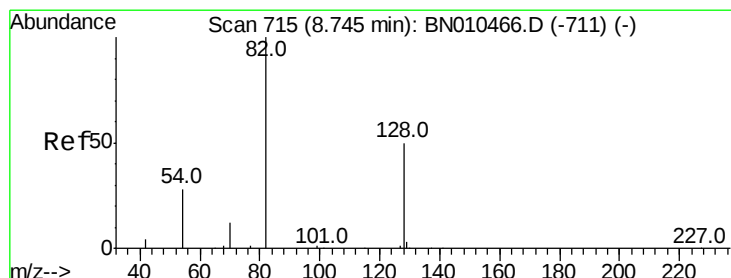
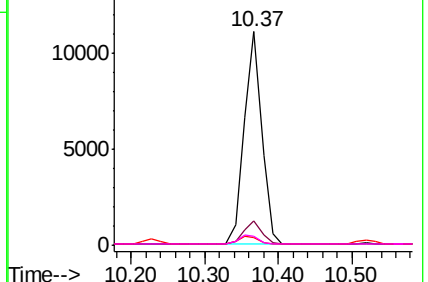
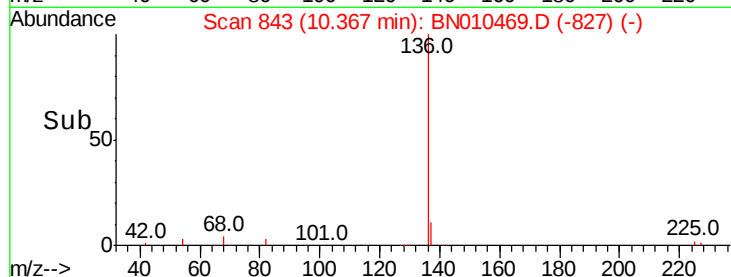


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.648 ng

RT: 8.73 min Scan# 714

Delta R.T. -0.01 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

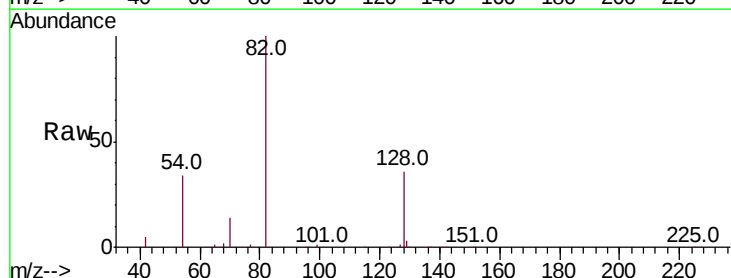
Tgt Ion: 82 Resp: 42582

Ion Ratio Lower Upper

82 100

128 35.8 41.3 61.9#

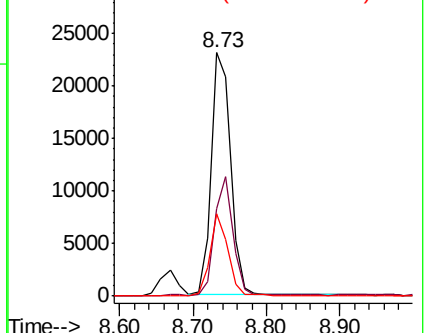
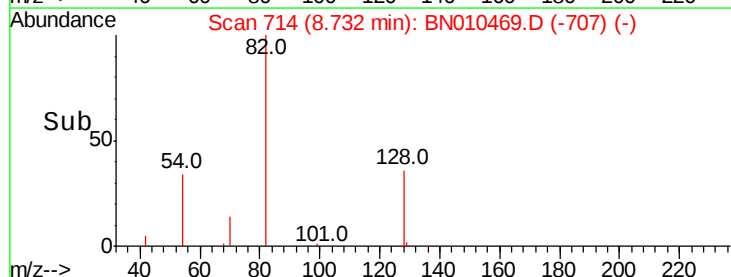
54 34.0 23.4 35.0



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: 3.186 ng

RT: 10.42 min Scan# 847

Delta R.T. -0.00 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

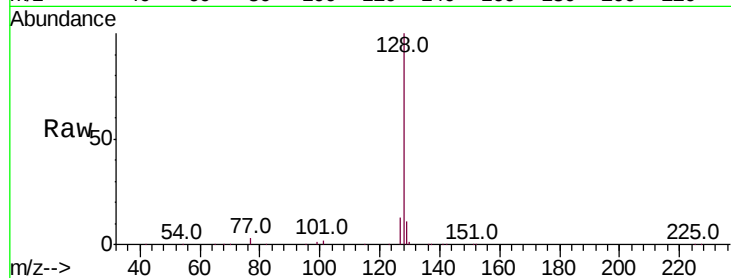
Tot Ion:128 Resp: 144687

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

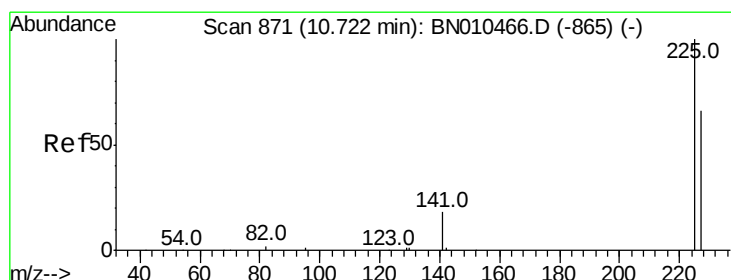
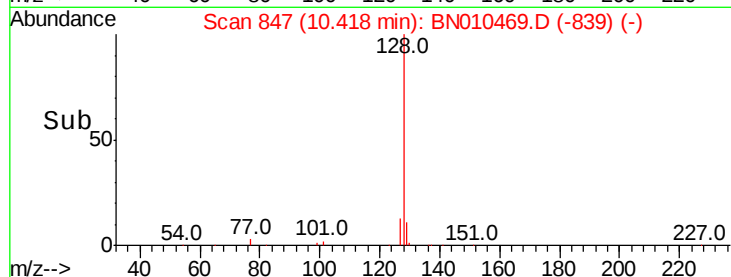
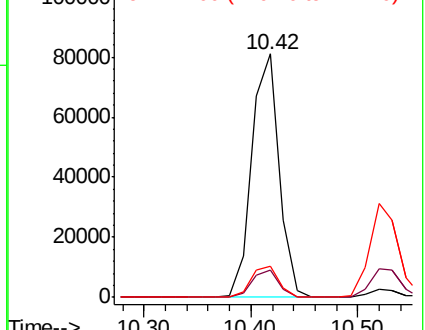
127 12.9 10.5 15.7



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: 3.106 ng

RT: 10.72 min Scan# 871

Delta R.T. -0.00 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

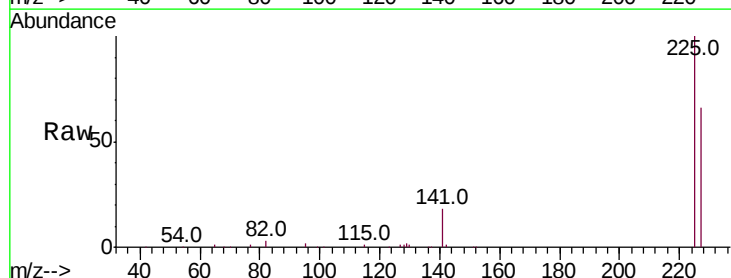
Tgt Ion:225 Resp: 34203

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

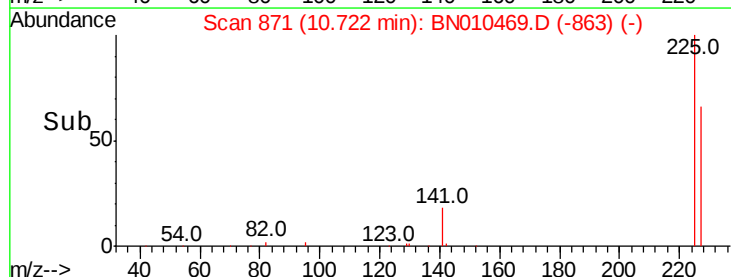
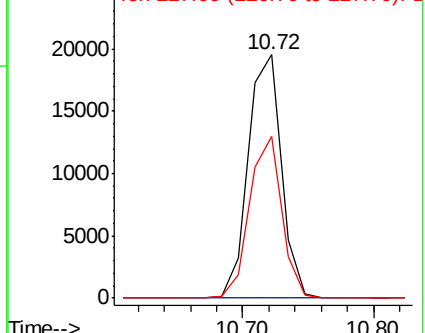
227 64.0 50.6 76.0

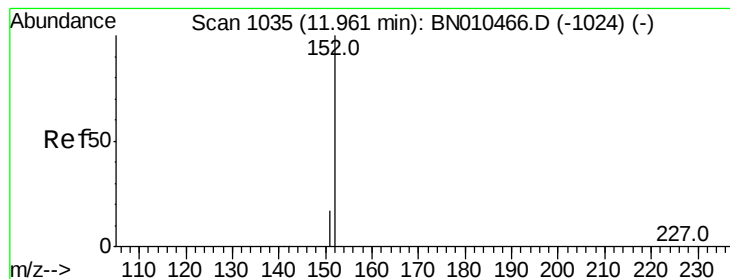


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.331 ng

RT: 11.96 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

Instrument :

BNA_N

ClientSampleId :

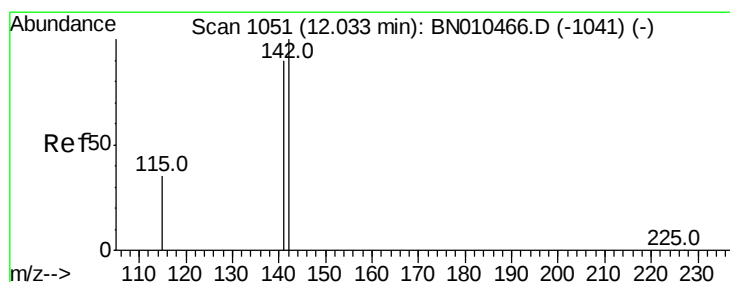
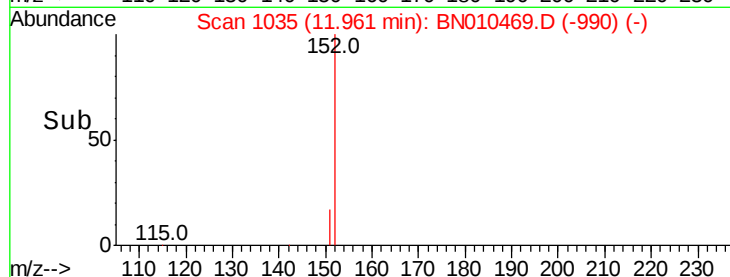
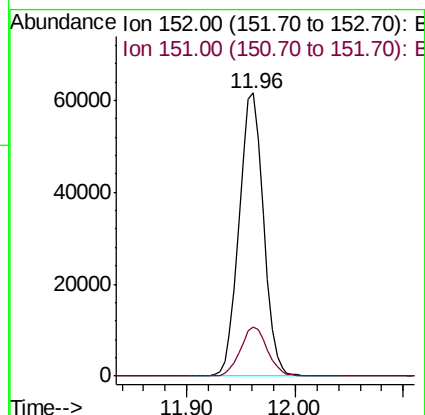
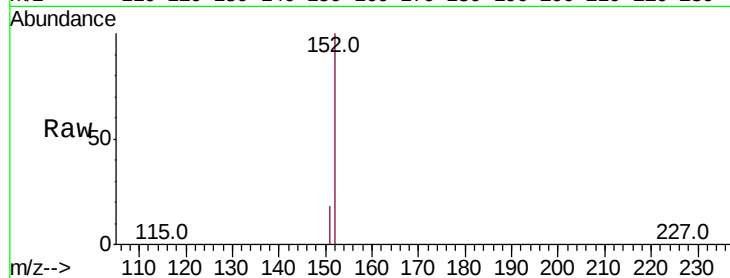
SSTDICC3.2

Tot Ion:152 Resp: 96838

Ion Ratio Lower Upper

152 100

151 19.1 15.3 22.9



#12

2-Methylnaphthalene

Concen: 3.327 ng

RT: 12.03 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

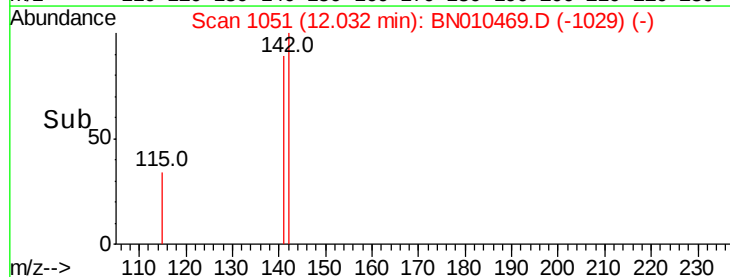
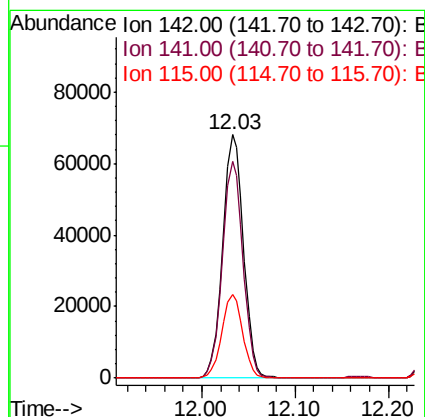
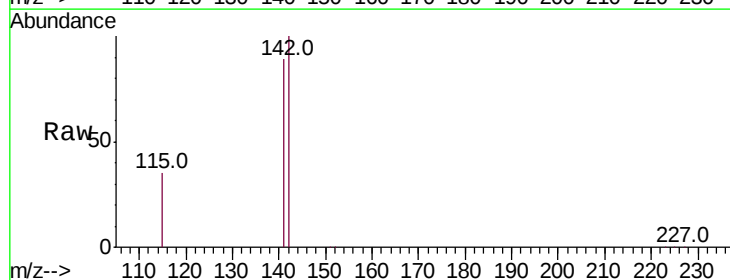
Tgt Ion:142 Resp: 104744

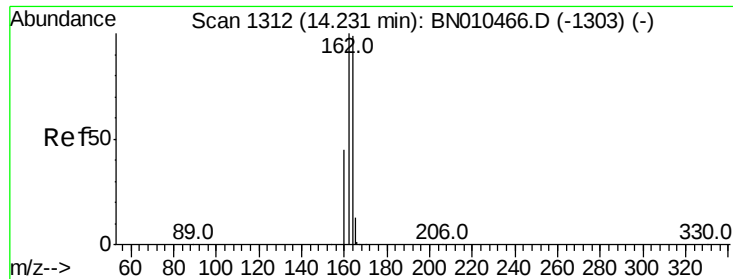
Ion Ratio Lower Upper

142 100

141 88.9 71.9 107.9

115 34.6 28.8 43.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

Instrument :

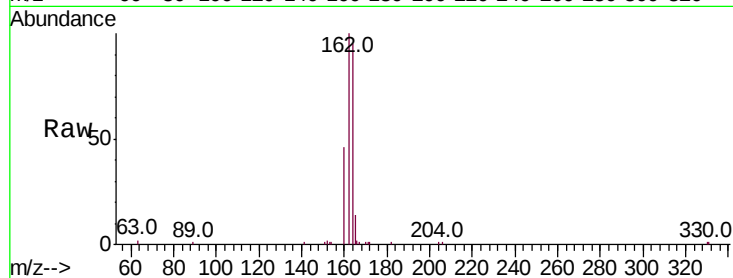
BNA_N

ClientSampleId :

SSTDICC3.2

Tot Ion:164 Resp: 11547

Ion	Ratio	Lower	Upper
164	100		
162	105.5	80.6	121.0
160	48.1	36.5	54.7

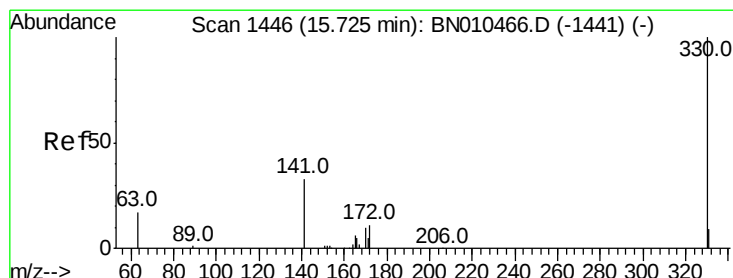
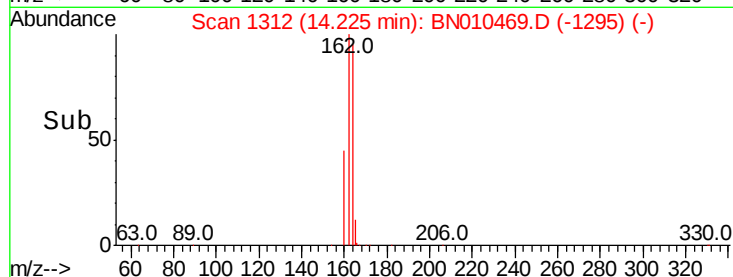
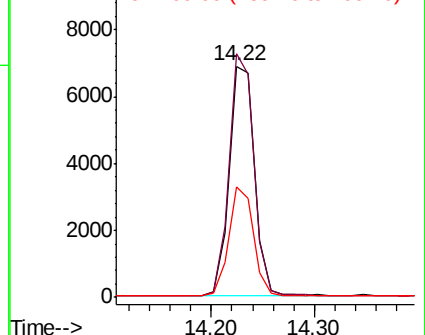


Abundance

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: 4.342 ng

RT: 15.73 min Scan# 1447

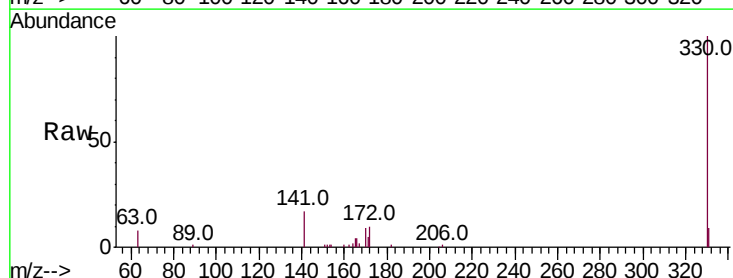
Delta R.T. 0.00 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

Tgt Ion:330 Resp: 19270

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.6	28.1	42.1

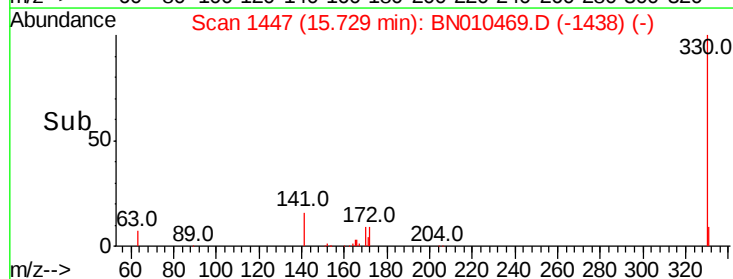
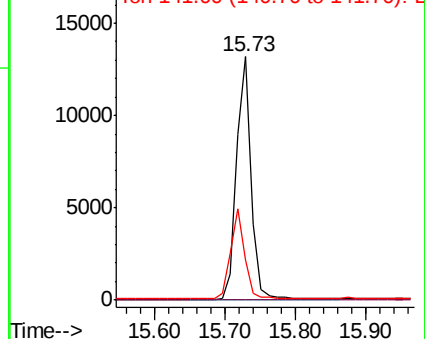


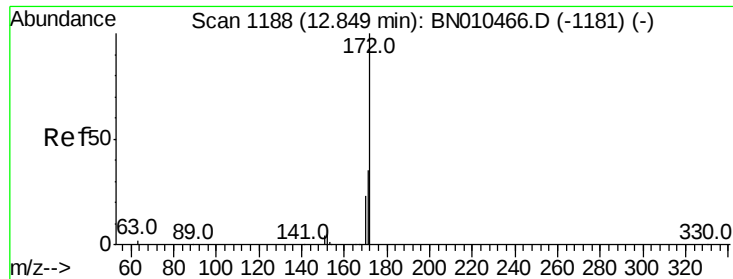
Abundance

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

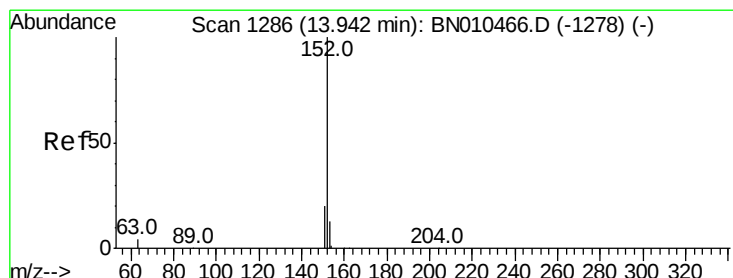
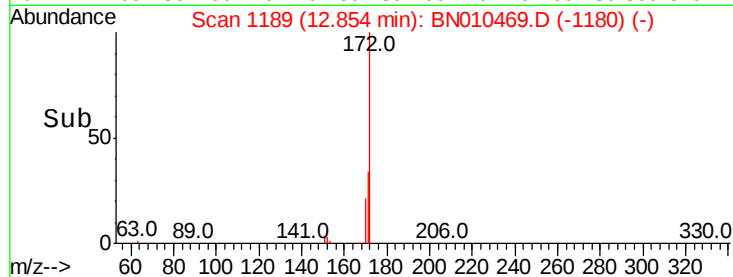
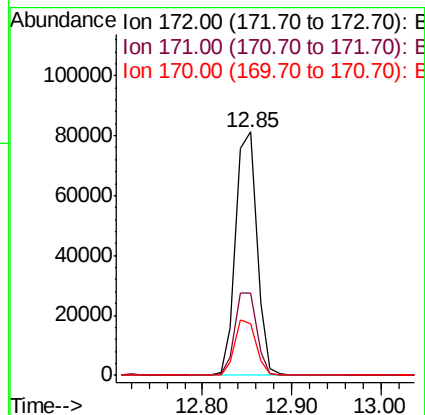
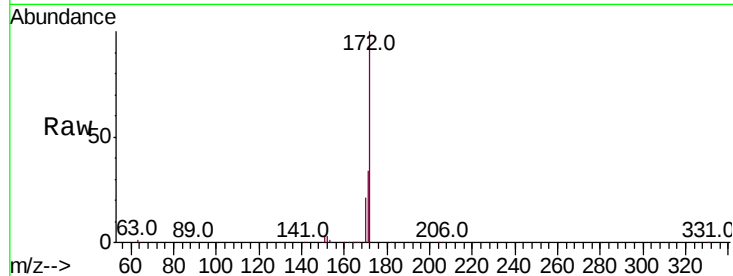




#15
2-Fluorobiphenyl
Concen: 3.040 ng
RT: 12.85 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

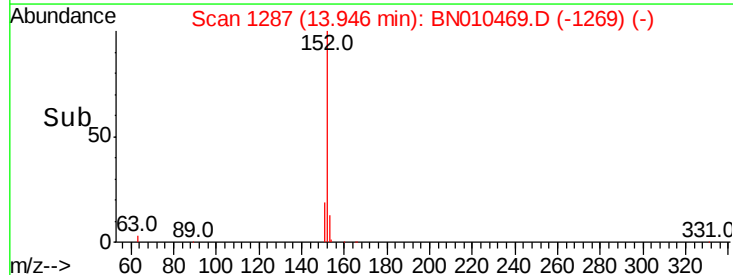
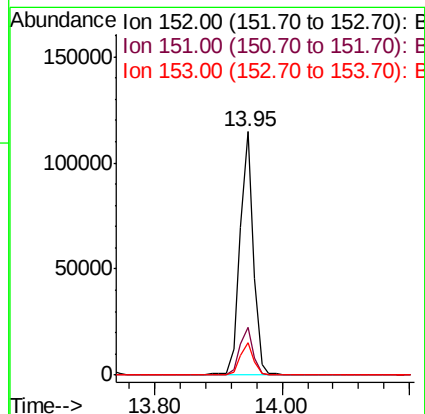
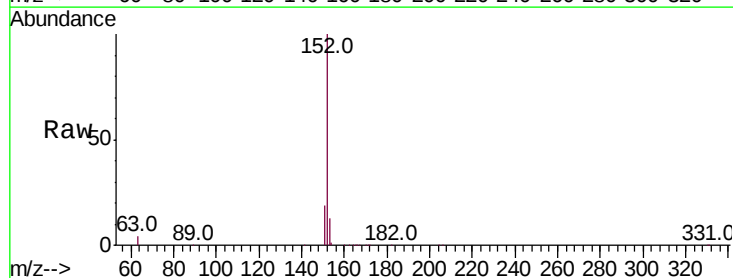
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

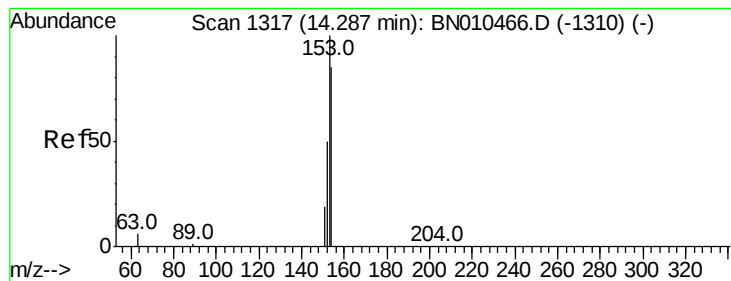
Tot Ion:172 Resp: 134347
Ion Ratio Lower Upper
172 100
171 33.8 28.2 42.2
170 21.4 18.4 27.6



#16
Acenaphthylene
Concen: 3.717 ng
RT: 13.95 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Tgt Ion:152 Resp: 168406
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 3.302 ng

RT: 14.29 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

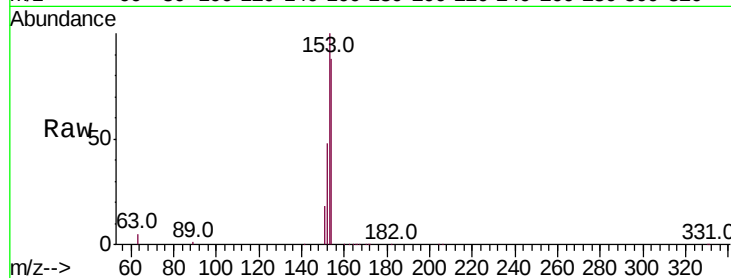
Tot Ion:154 Resp: 106599

Ion Ratio Lower Upper

154 100

153 109.5 91.0 136.4

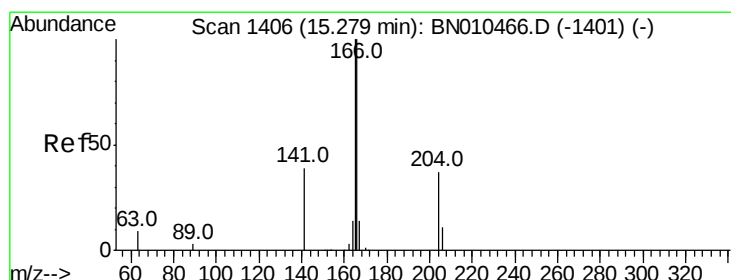
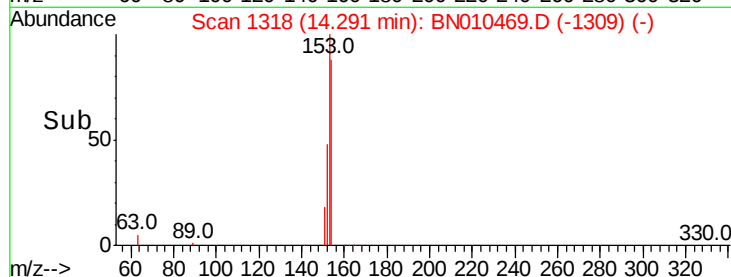
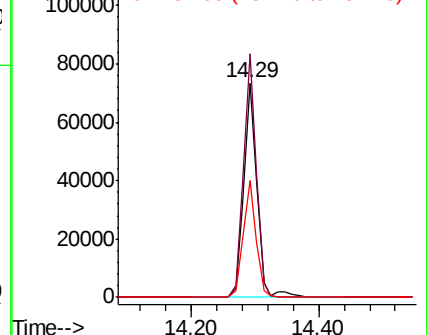
152 52.6 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 3.237 ng

RT: 15.28 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

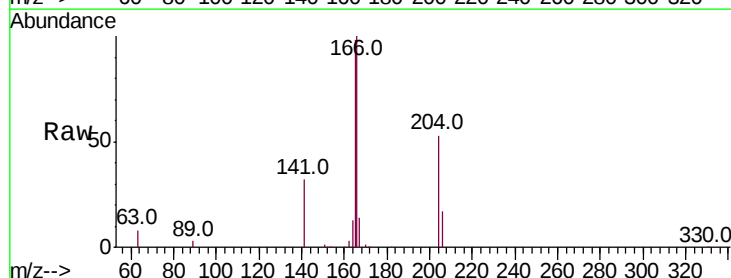
Tgt Ion:166 Resp: 138780

Ion Ratio Lower Upper

166 100

165 97.8 78.4 117.6

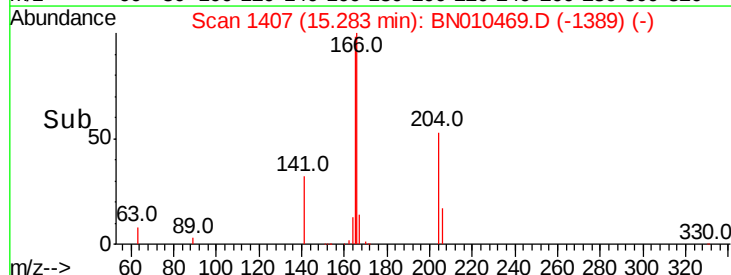
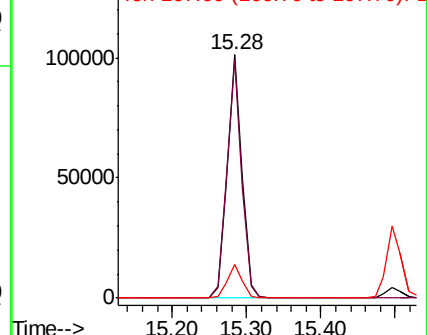
167 13.5 10.9 16.3

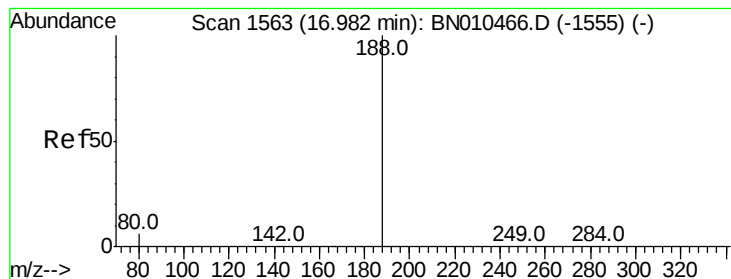


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.98 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

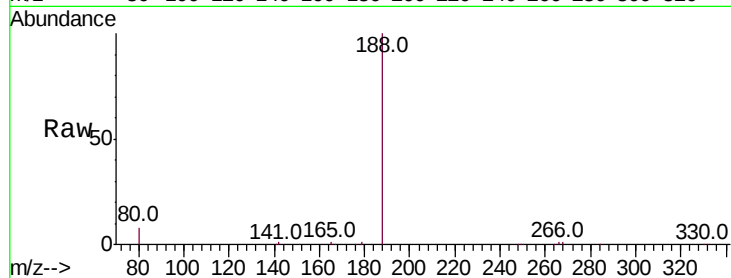
Tot Ion:188 Resp: 25654

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

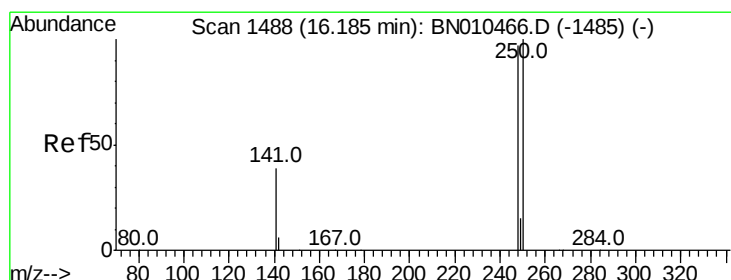
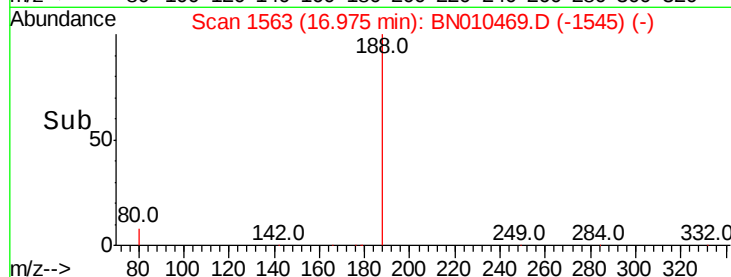
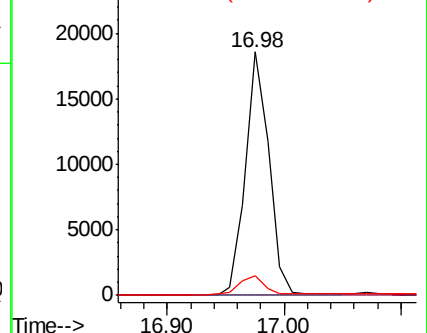
80 8.3 5.0 7.6#



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: 3.131 ng

RT: 16.18 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

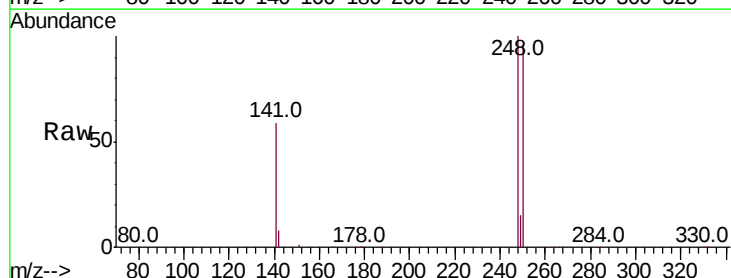
Tgt Ion:248 Resp: 48730

Ion Ratio Lower Upper

248 100

250 96.5 82.3 123.5

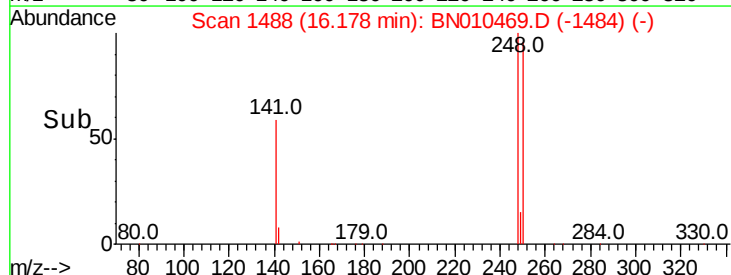
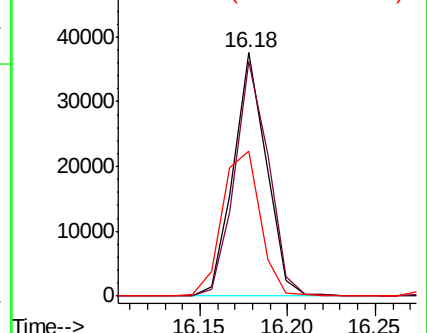
141 59.3 35.2 52.8#

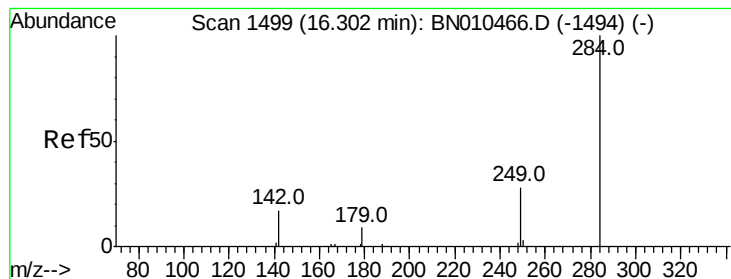


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.244 ng

RT: 16.29 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

Instrument :

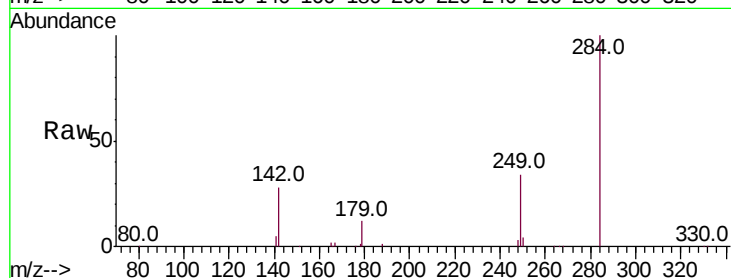
BNA_N

ClientSampleId :

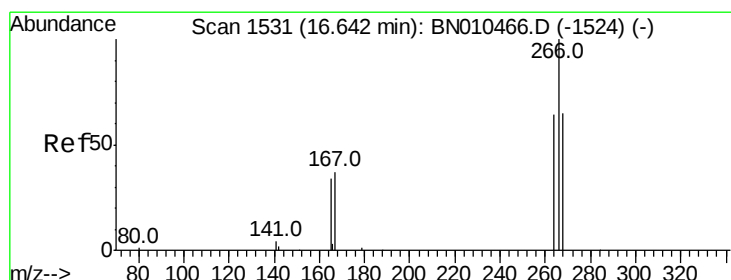
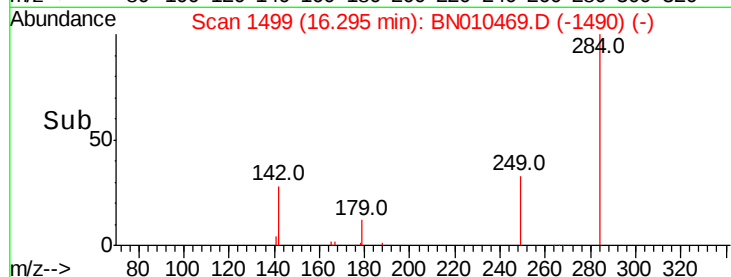
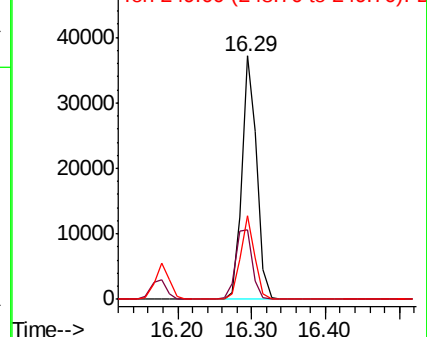
SSTDICC3.2

Tot Ion:284 Resp: 51859

Ion	Ratio	Lower	Upper
284	100		
142	32.2	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: 4.307 ng

RT: 16.63 min Scan# 1531

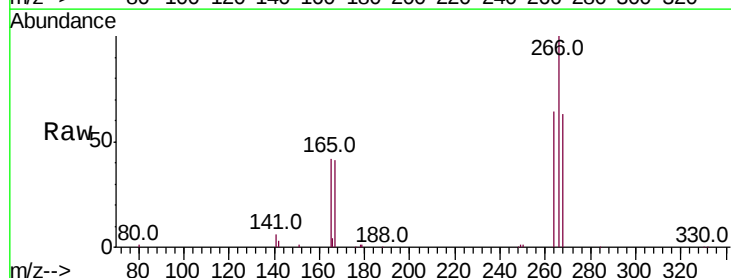
Delta R.T. -0.01 min

Lab File: BN010469.D

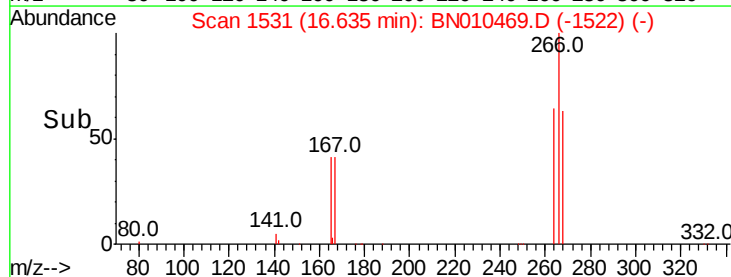
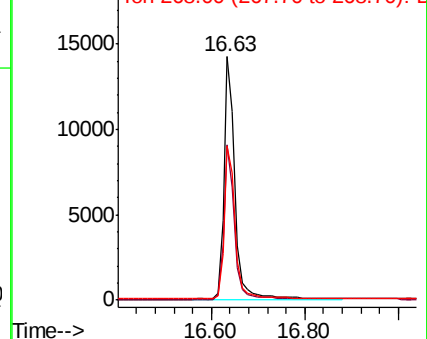
Acq: 13 Apr 2020 16:12

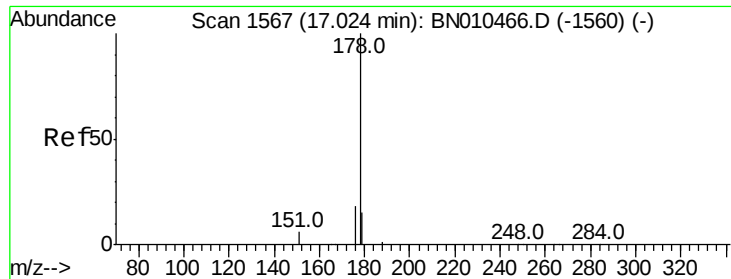
Tgt Ion:266 Resp: 23566

Ion	Ratio	Lower	Upper
266	100		
264	63.8	51.8	77.6
268	63.2	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: 3.234 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

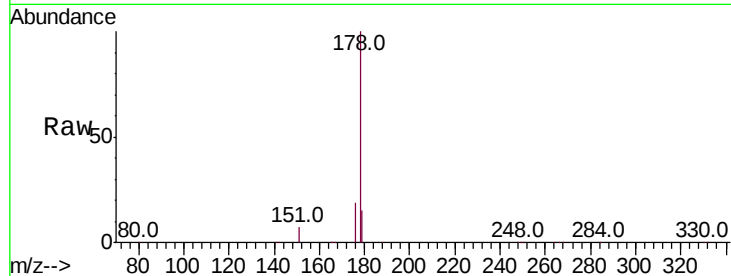
Tot Ion:178 Resp: 228068

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

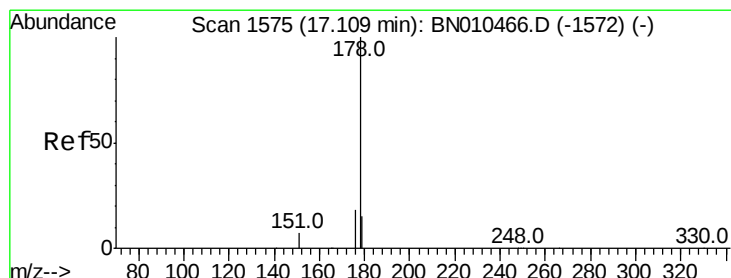
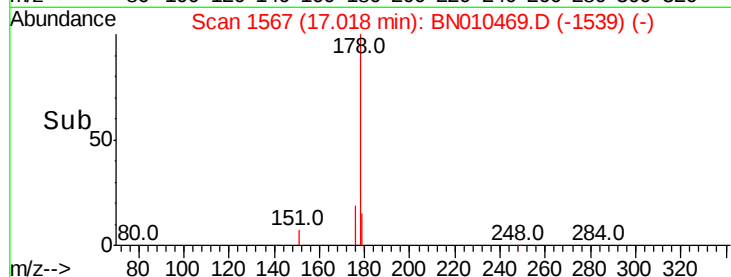
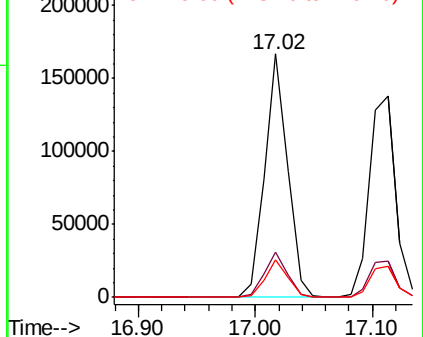
179 15.2 12.6 18.8



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: 3.606 ng

RT: 17.11 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

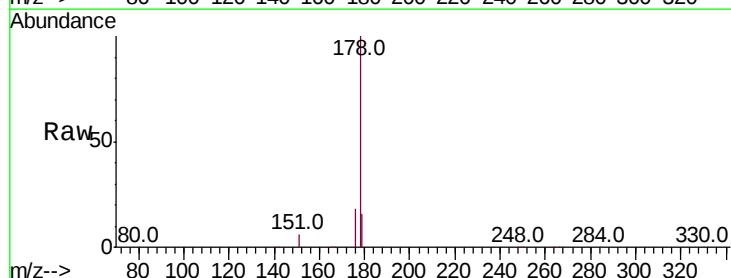
Tgt Ion:178 Resp: 217402

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

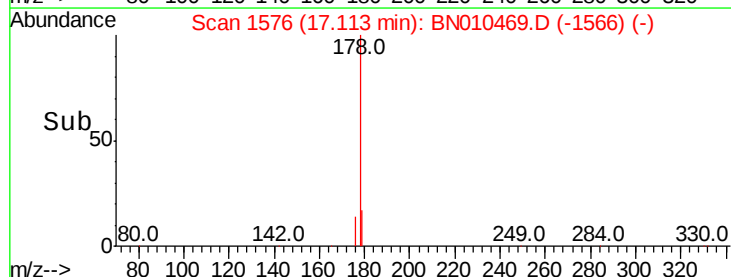
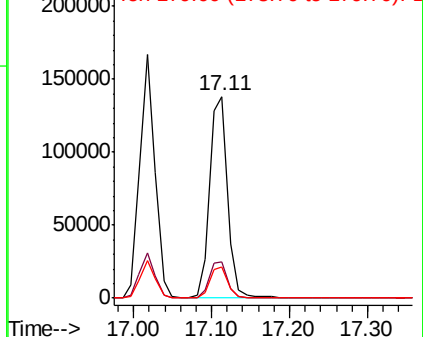
179 15.3 12.2 18.2

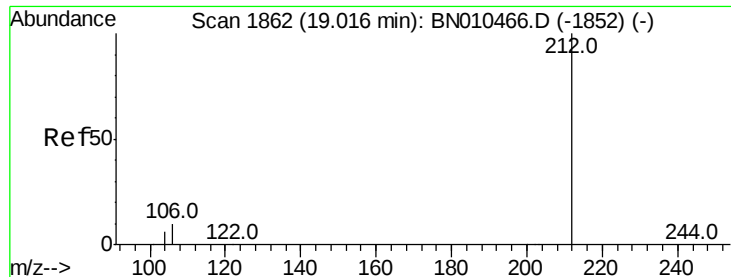


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.331 ng

RT: 19.01 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

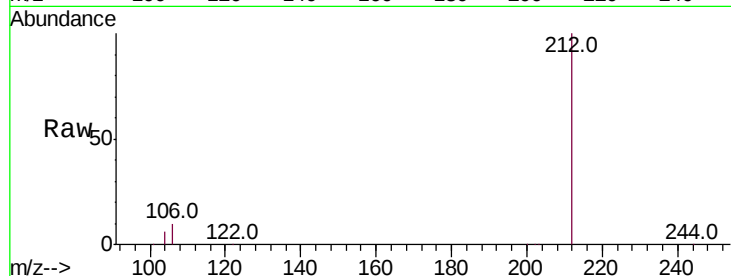
Tot Ion:212 Resp: 257716

Ion Ratio Lower Upper

212 100

106 10.0 7.8 11.6

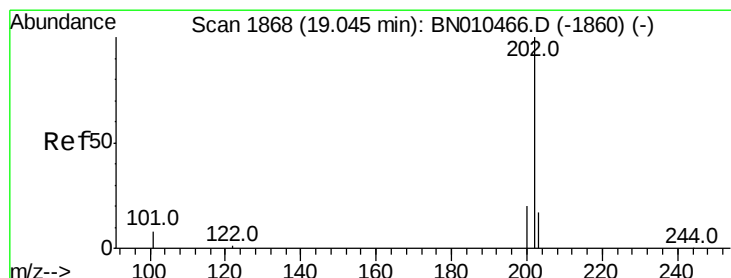
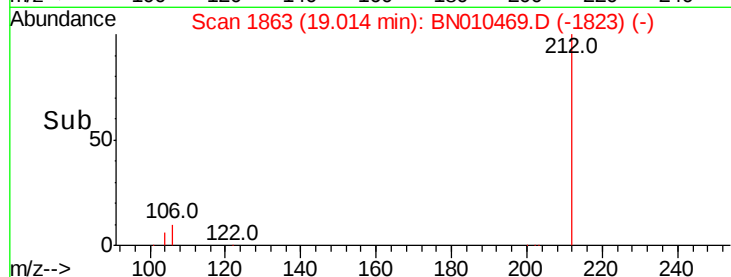
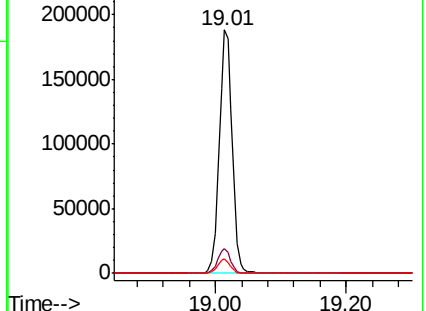
104 5.7 4.5 6.7



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: 3.281 ng

RT: 19.04 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

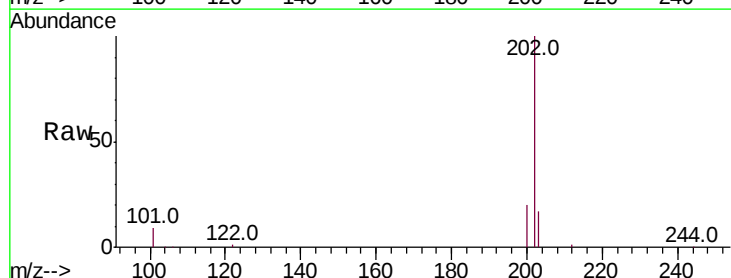
Tgt Ion:202 Resp: 283507

Ion Ratio Lower Upper

202 100

101 8.6 6.9 10.3

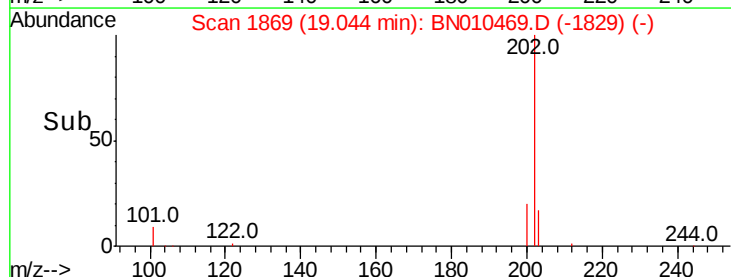
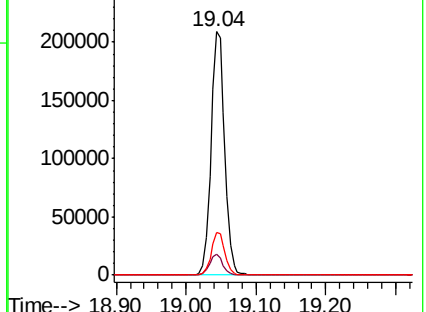
203 17.4 13.9 20.9



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: 21.19 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

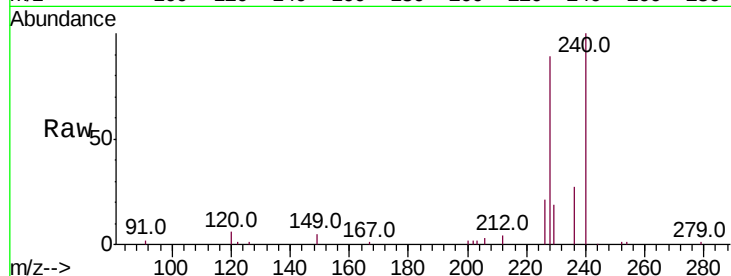
Tot Ion:240 Resp: 26557

Ion Ratio Lower Upper

240 100

120 6.0 4.8 7.2

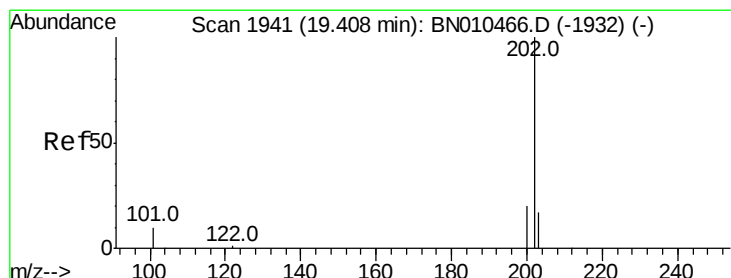
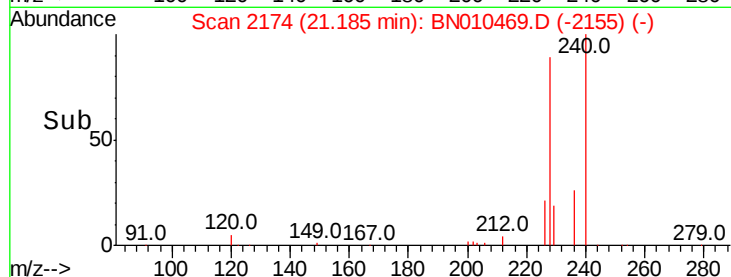
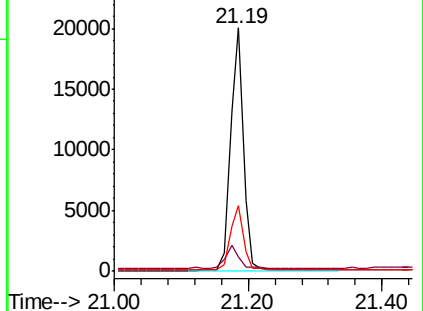
236 26.8 21.4 32.0



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: 3.454 ng

RT: 19.41 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

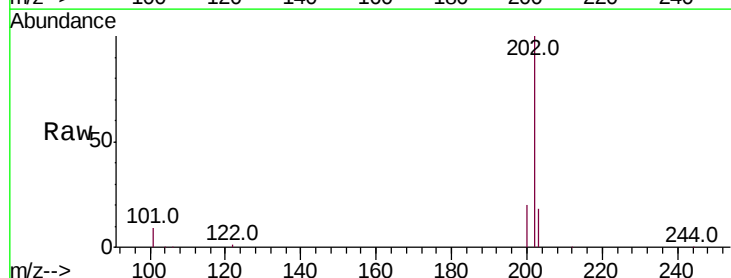
Tgt Ion:202 Resp: 285617

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

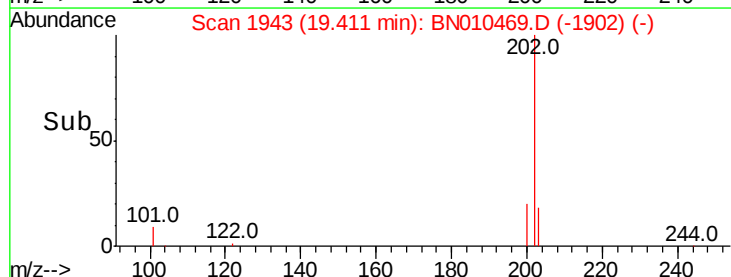
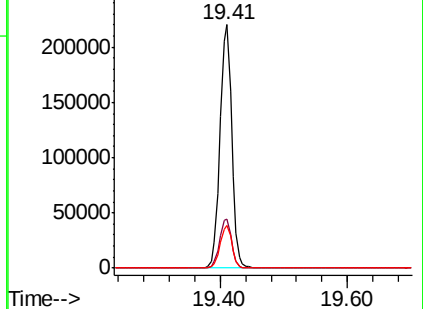
203 17.5 14.0 21.0

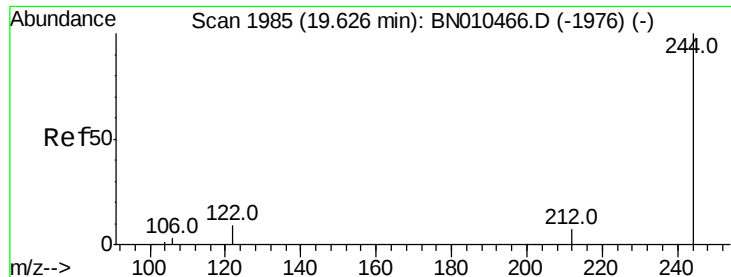


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.408 ng

RT: 19.62 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

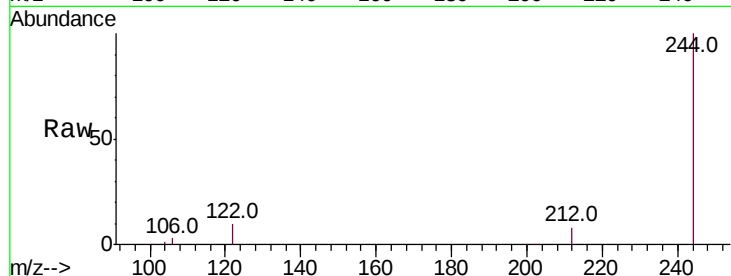
Tot Ion:244 Resp: 195537

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.4

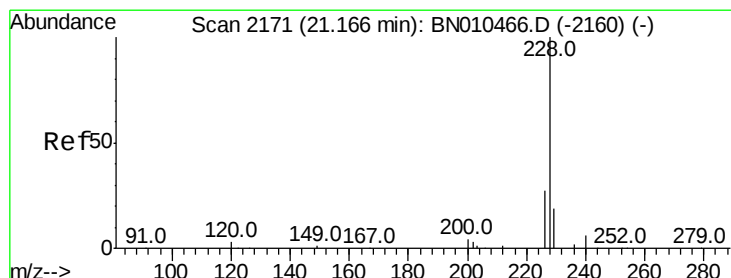
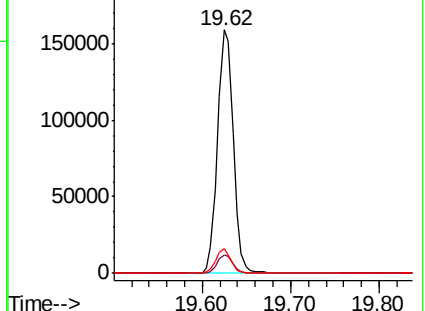
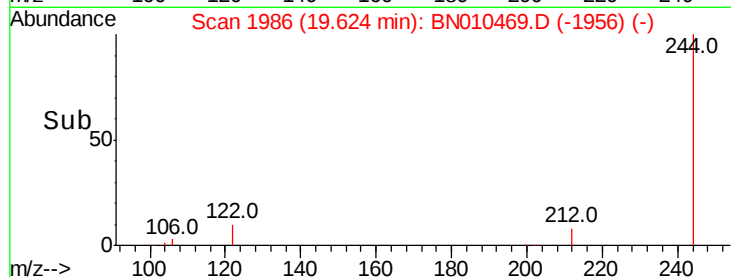
122 9.9 7.8 11.8



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: 3.299 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

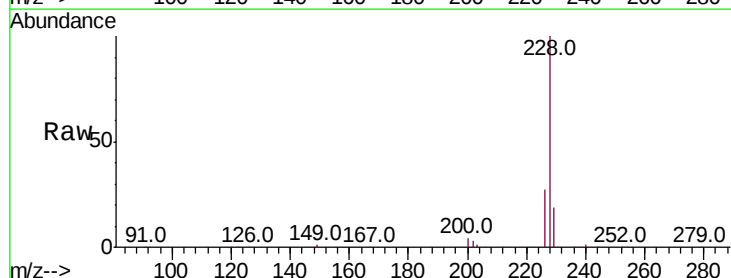
Tgt Ion:228 Resp: 279003

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

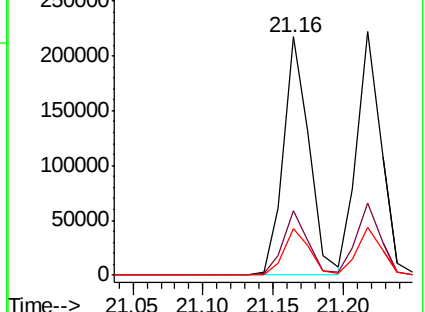
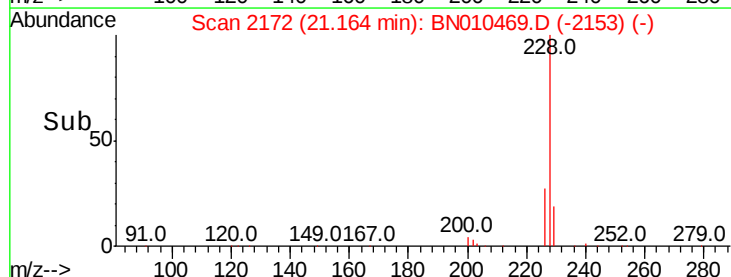
229 19.4 15.6 23.4

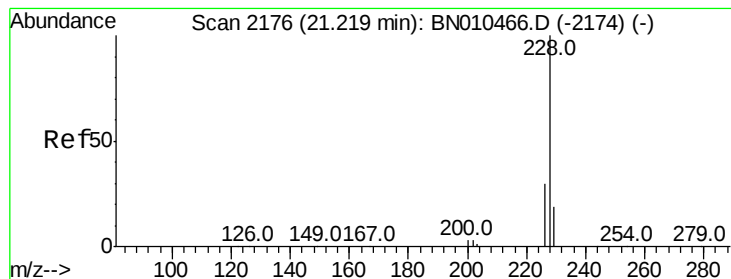


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 2.967 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

Instrument :

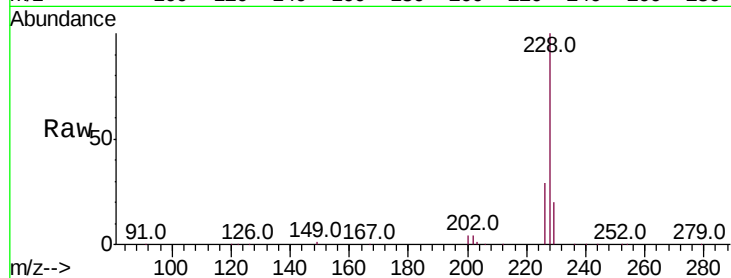
BNA_N

ClientSampleId :

SSTDICC3.2

Tot Ion:228 Resp: 269109

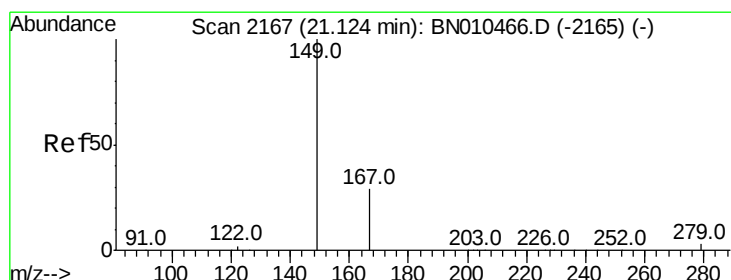
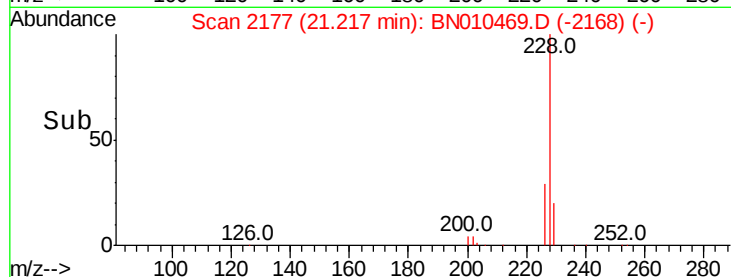
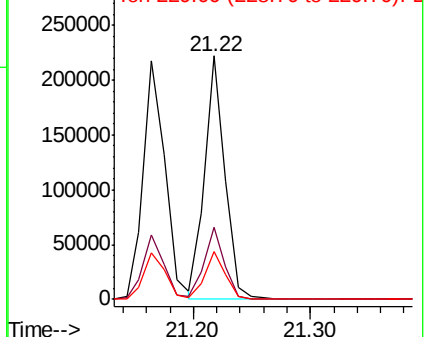
Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.0	36.0
229	19.6	15.8	23.6



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: 5.054 ng

RT: 21.12 min Scan# 2168

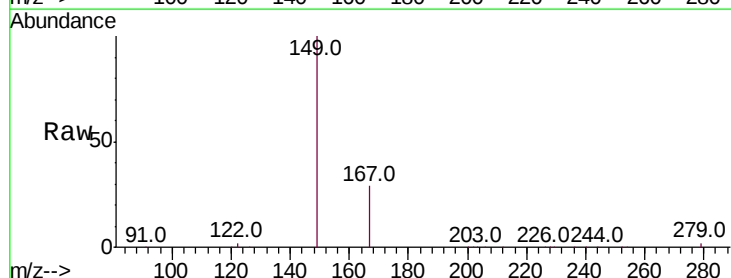
Delta R.T. -0.00 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

Tgt Ion:149 Resp: 144238

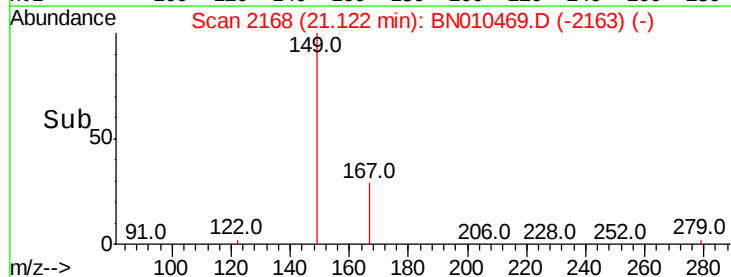
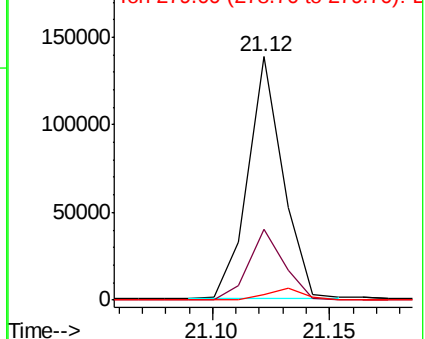
Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.4	35.0
279	4.8	4.0	6.0

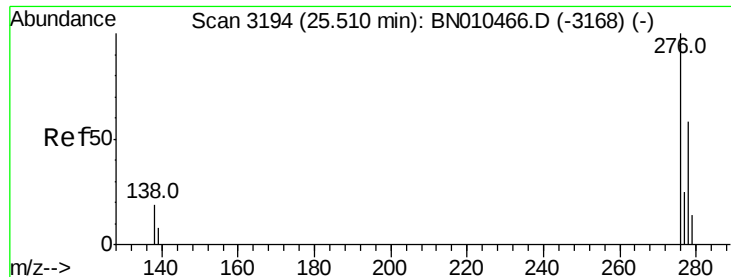


Abundance Ion 149.00 (148.70 to 149.70): E

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: 2.447 ng

RT: 25.51 min Scan# 3195

Delta R.T. -0.00 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

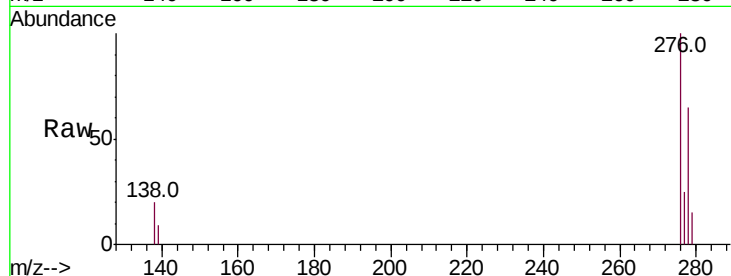
Tot Ion:276 Resp: 237722

Ion Ratio Lower Upper

276 100

138 20.6 16.4 24.6

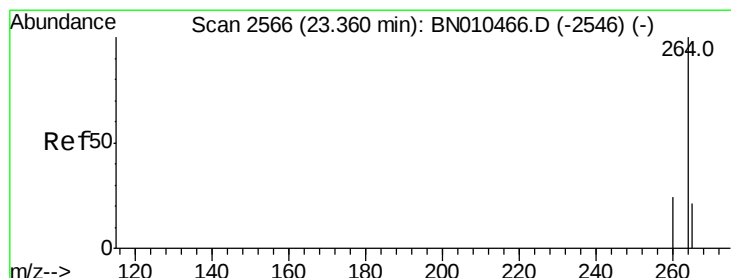
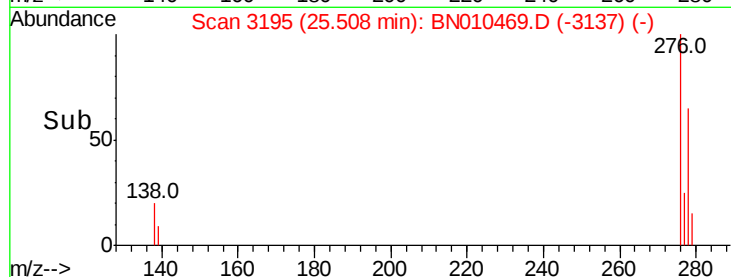
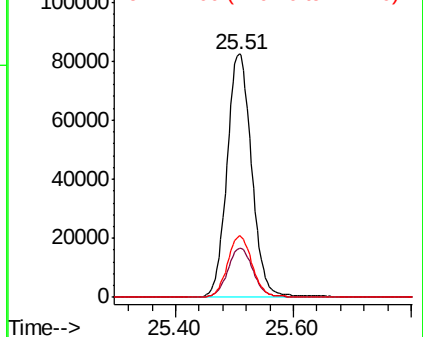
277 25.1 19.8 29.6



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: 23.36 min Scan# 2567

Delta R.T. -0.00 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

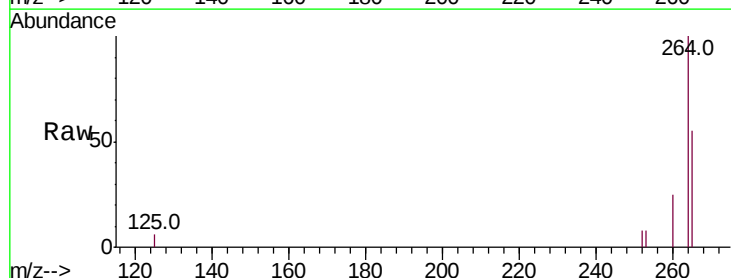
Tgt Ion:264 Resp: 22402

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

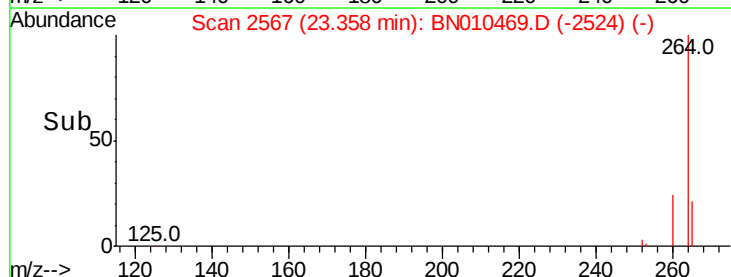
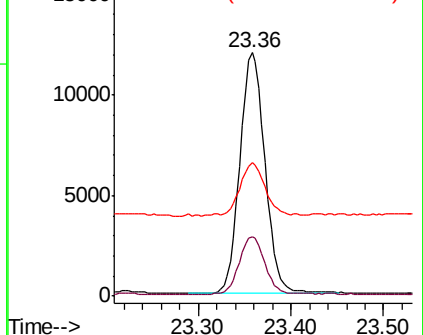
265 54.6 42.3 63.5

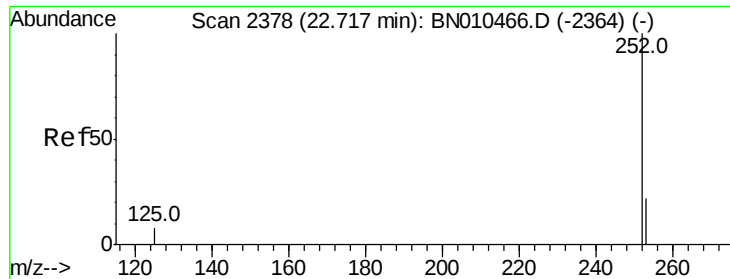


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

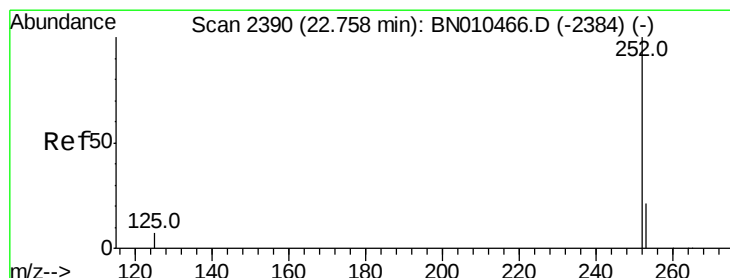
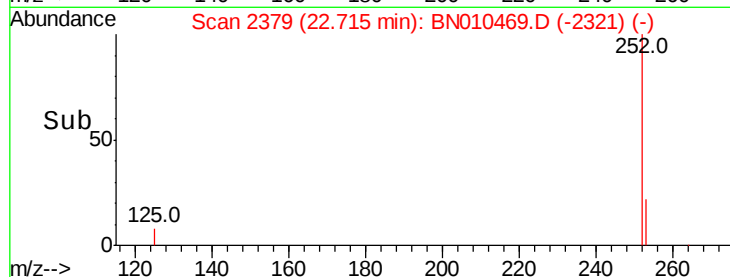
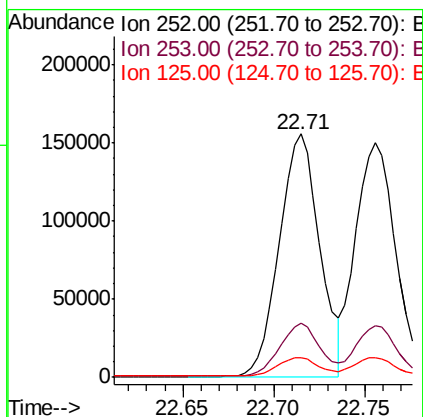
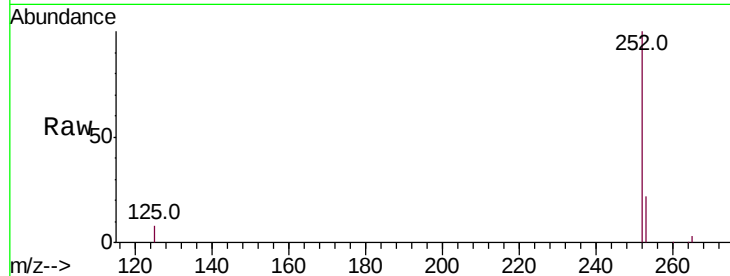




#35
Benzo(b)fluoranthene
Concen: 3.154 ng
RT: 22.71 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

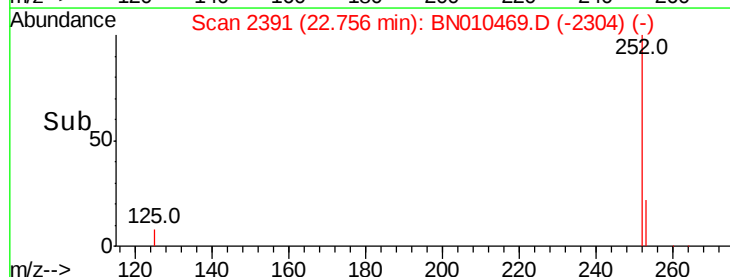
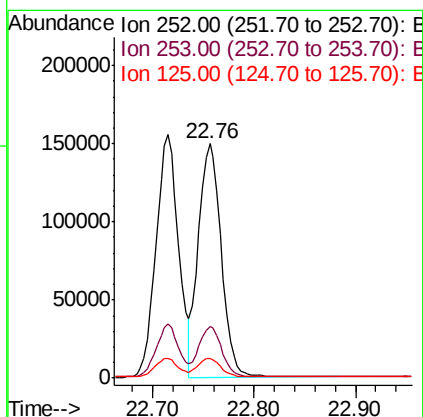
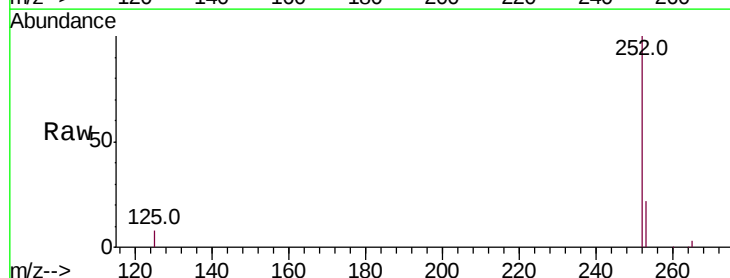
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

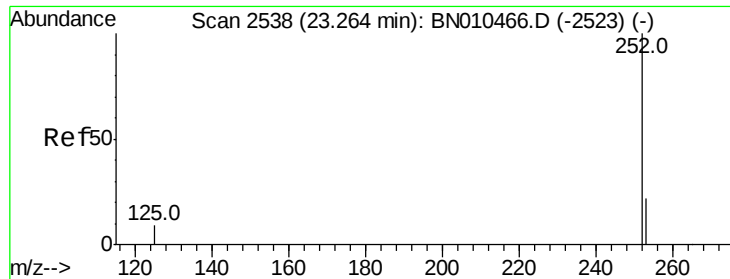
Tot Ion:252 Resp: 240064
Ion Ratio Lower Upper
252 100
253 22.1 20.2 30.4
125 8.3 9.2 13.8#



#36
Benzo(k)fluoranthene
Concen: 3.004 ng
RT: 22.76 min Scan# 2391
Delta R.T. -0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Tgt Ion:252 Resp: 232649
Ion Ratio Lower Upper
252 100
253 22.1 20.1 30.1
125 8.4 9.6 14.4#





#37

Benzo(a)pyrene

Concen: 3.290 ng

RT: 23.26 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

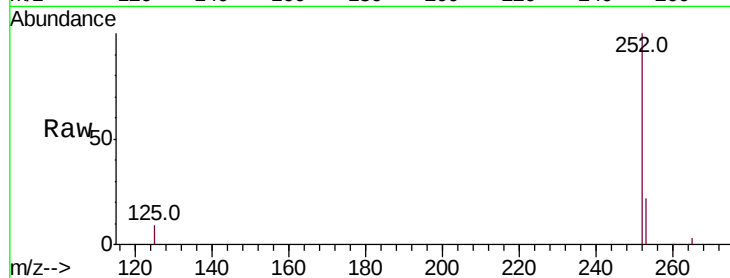
Tot Ion:252 Resp: 211246

Ion Ratio Lower Upper

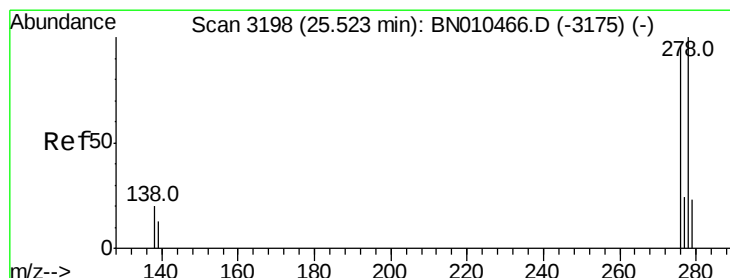
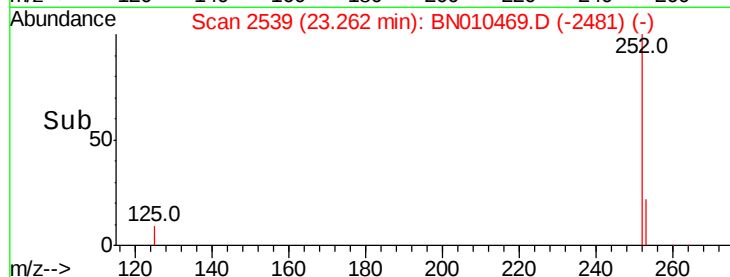
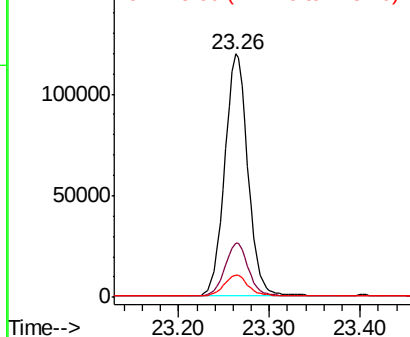
252 100

253 22.1 21.8 32.8

125 9.4 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: 2.796 ng

RT: 25.52 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

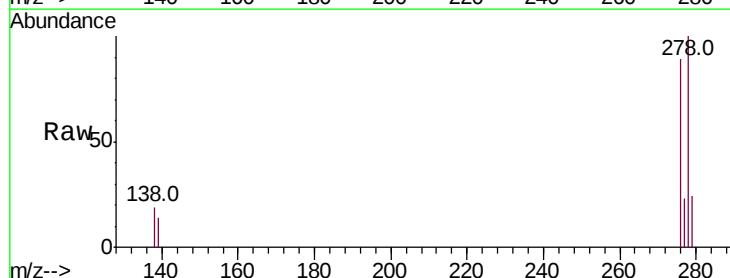
Tgt Ion:278 Resp: 194135

Ion Ratio Lower Upper

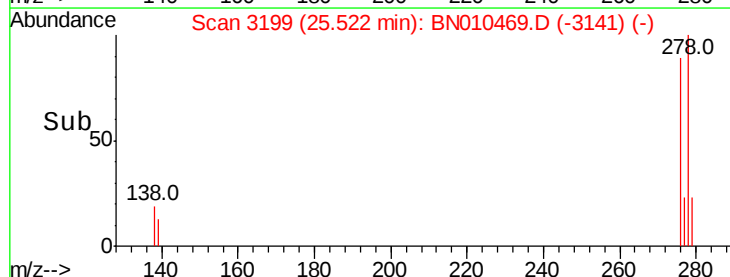
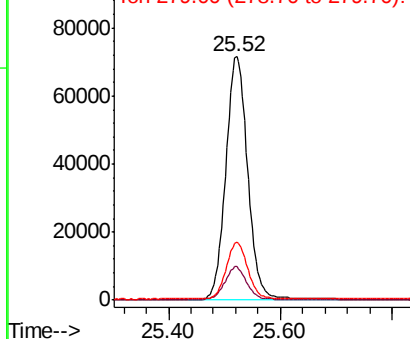
278 100

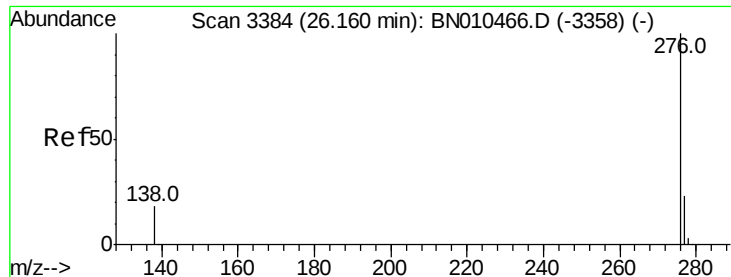
139 13.6 12.3 18.5

279 23.7 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: 2.752 ng

RT: 26.16 min Scan# 3385

Delta R.T. -0.00 min

Lab File: BN010469.D

Acq: 13 Apr 2020 16:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

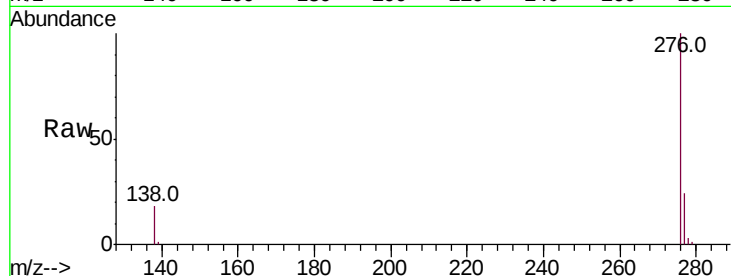
Tot Ion:276 Resp: 192330

Ion Ratio Lower Upper

276 100

277 23.8 20.2 30.2

138 17.6 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

