

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041320\
 Data File : BN010466.D
 Acq On : 13 Apr 2020 14:24
 Operator : CG/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Apr 13 14:57:22 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	4415	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	17888	0.40	ng	0.00
13) Acenaphthene-d10	14.23	164	11173	0.40	ng	0.00
19) Phenanthrene-d10	16.98	188	25131	0.40	ng	0.00
27) Chrysene-d12	21.19	240	25769	0.40	ng	0.00
34) Perylene-d12	23.36	264	22569	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3878	0.44	ng	0.00
5) Phenol-d6	6.80	99	5059	0.47	ng	0.00
8) Nitrobenzene-d5	8.75	82	4784	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.96	152	11661	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	2011	0.47	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	16366	0.38	ng	0.00
25) Fluoranthene-d10	19.02	212	30190	0.40	ng	0.00
29) Terphenyl-d14	19.63	244	22998	0.41	ng	0.00

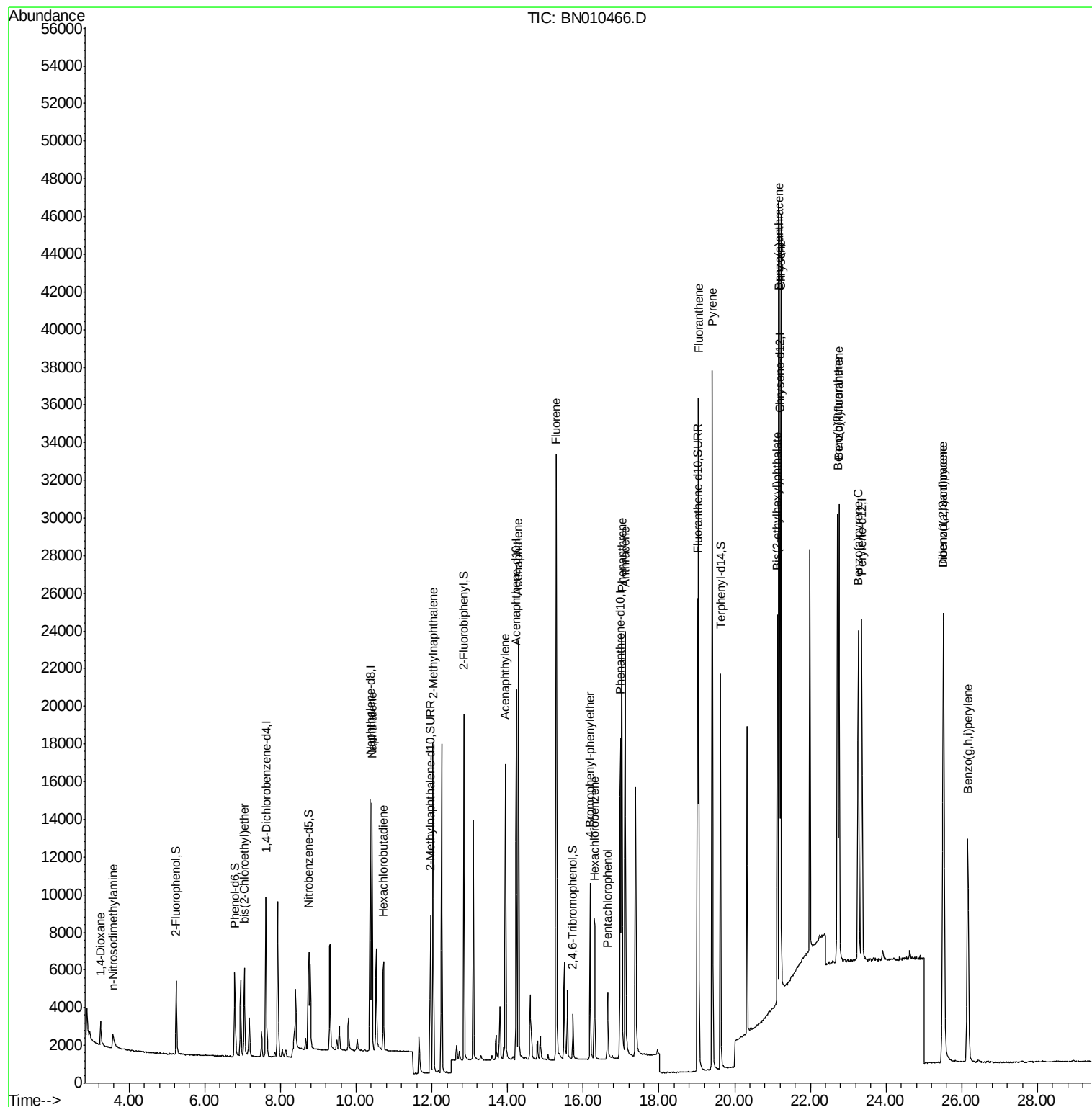
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.25	88	1288	0.311	ng	98
3) n-Nitrosodimethylamine	3.57	42	710	0.203	ng	99
6) bis(2-Chloroethyl)ether	7.05	93	4468	0.428	ng	100
9) Naphthalene	10.42	128	17590	0.394	ng	100
10) Hexachlorobutadiene	10.72	225	4316	0.399	ng	# 100
12) 2-Methylnaphthalene	12.03	142	12650	0.409	ng	100
16) Acenaphthylene	13.94	152	18804	0.429	ng	100
17) Acenaphthene	14.29	154	12254	0.392	ng	100
18) Fluorene	15.28	166	16064	0.387	ng	100
20) 4-Bromophenyl-phenylether	16.18	248	5392	0.354	ng	100
21) Hexachlorobenzene	16.30	284	6423	0.410	ng	100
22) Pentachlorophenol	16.64	266	2118	0.395	ng	100
23) Phenanthrene	17.02	178	26958	0.390	ng	100
24) Anthracene	17.11	178	24081	0.408	ng	100
26) Fluoranthene	19.05	202	33644	0.397	ng	100
28) Pyrene	19.41	202	34333	0.428	ng	100
30) Benzo(a)anthracene	21.17	228	33159	0.404	ng	100
31) Chrysene	21.22	228	32948	0.374	ng	100
32) Bis(2-ethylhexyl)phthalate	21.12	149	16266	0.587	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	29627	0.314	ng	100
35) Benzo(b)fluoranthene	22.72	252	29633	0.386	ng	100
36) Benzo(k)fluoranthene	22.76	252	29652	0.380	ng	100
37) Benzo(a)pyrene	23.26	252	26070	0.403	ng	100
38) Dibenzo(a,h)anthracene	25.52	278	24096	0.344	ng	100
39) Benzo(g,h,i)perylene	26.16	276	24349	0.346	ng	100

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 14:54:53 2020
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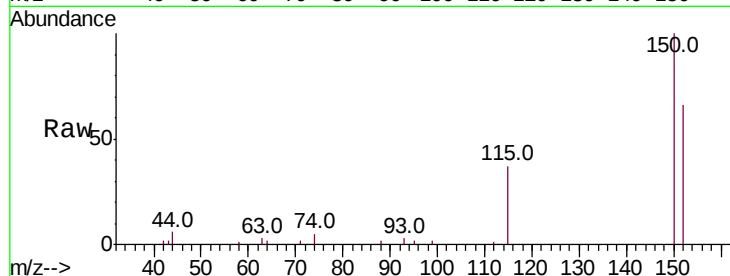


#1

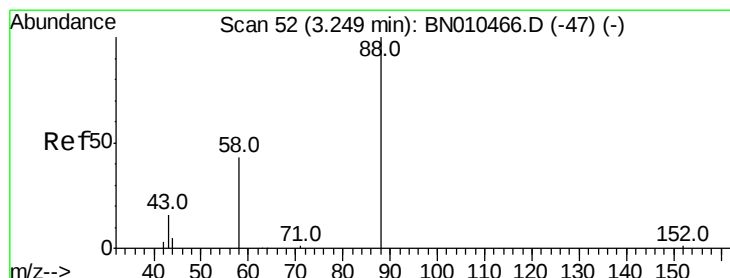
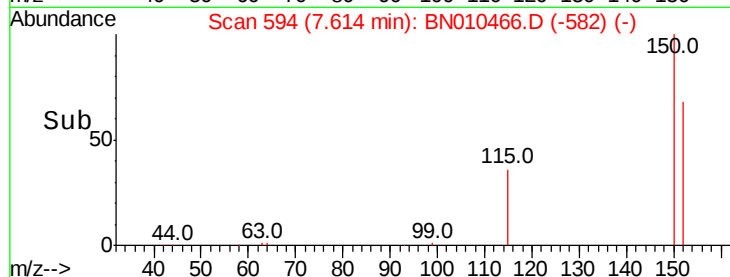
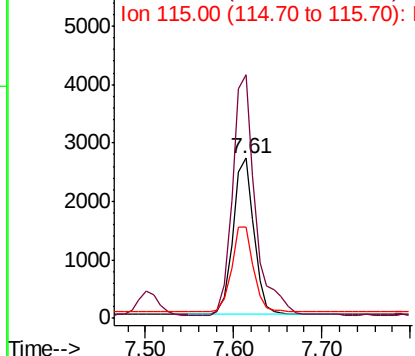
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 594
Delta R.T. 0.00 min
Lab File: BN010466.D
Acq: 13 Apr 2020 14:24

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 4415
Ion Ratio Lower Upper
152 100
150 152.2 121.8 182.6
115 56.9 45.5 68.3



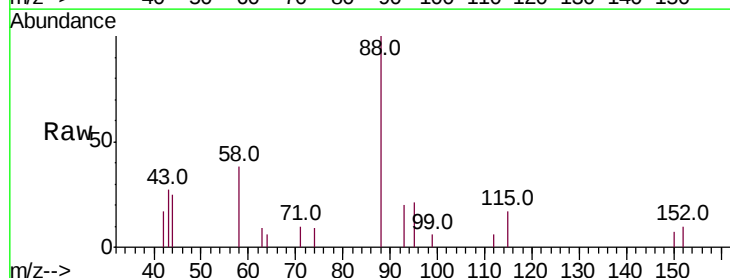
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



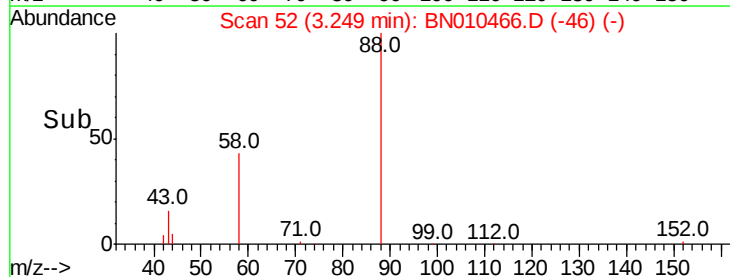
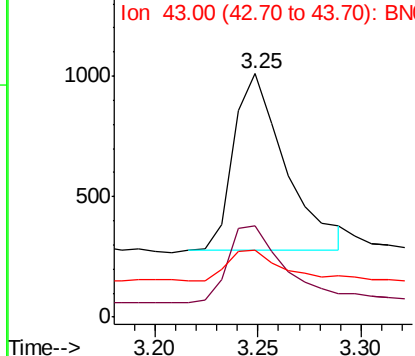
#2

1,4-Dioxane
Concen: 0.311 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010466.D
Acq: 13 Apr 2020 14:24

Tgt Ion: 88 Resp: 1288
Ion Ratio Lower Upper
88 100
58 46.8 36.5 54.7
43 16.8 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



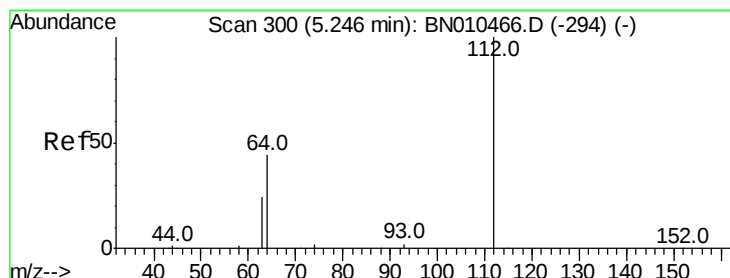
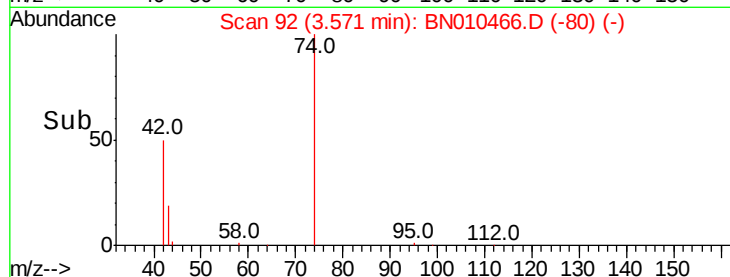
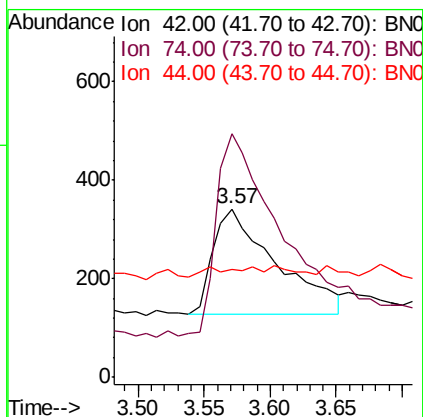
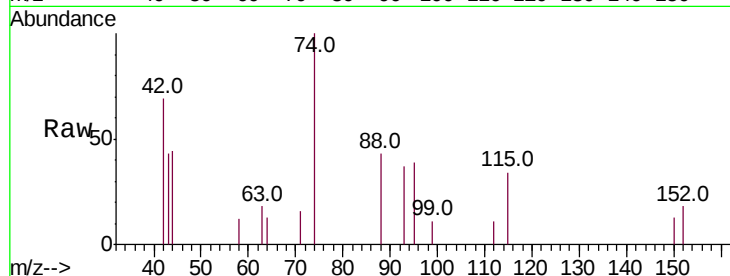


#3

n-Nitrosodimethylamine
 Concen: 0.203 ng
 RT: 3.57 min Scan# 92
 Delta R.T. 0.00 min
 Lab File: BN010466.D
 Acq: 13 Apr 2020 14:24

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

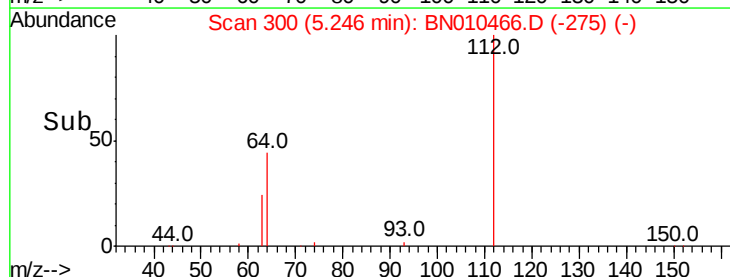
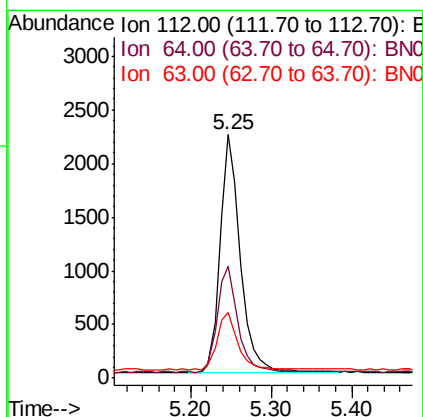
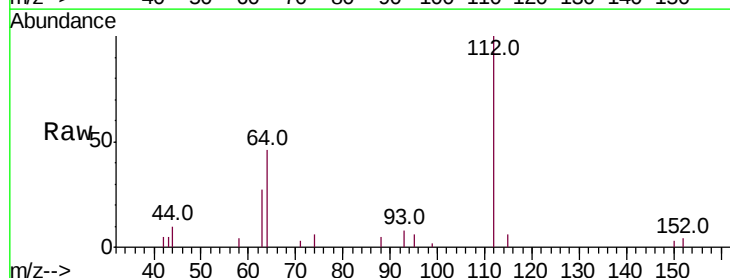
Tot Ion: 42 Resp: 710
 Ion Ratio Lower Upper
 42 100
 74 205.1 162.2 243.4
 44 2.8 2.4 3.6

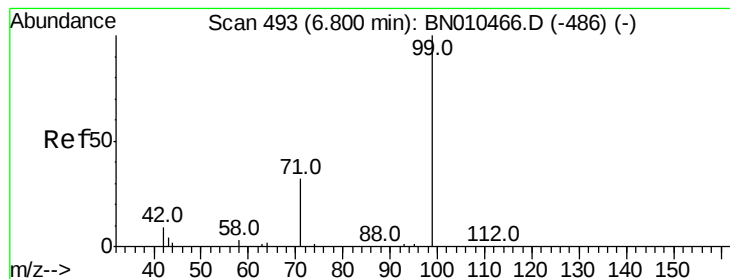


#4

2-Fluorophenol
 Concen: 0.444 ng
 RT: 5.25 min Scan# 300
 Delta R.T. 0.00 min
 Lab File: BN010466.D
 Acq: 13 Apr 2020 14:24

Tgt Ion: 112 Resp: 3878
 Ion Ratio Lower Upper
 112 100
 64 44.8 35.8 53.8
 63 24.9 19.9 29.9





#5

Phenol-d6

Concen: 0.465 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

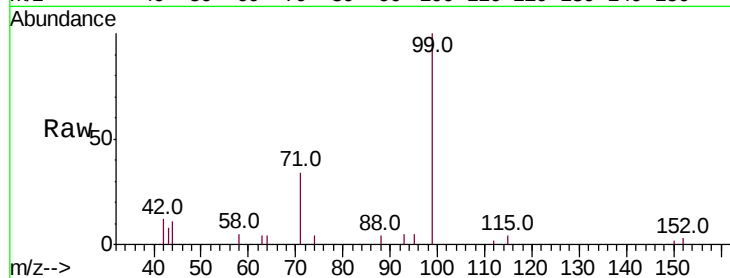
Tot Ion: 99 Resp: 5059

Ion Ratio Lower Upper

99 100

42 12.2 9.8 14.6

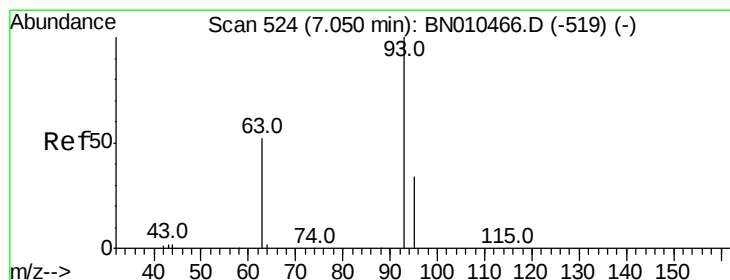
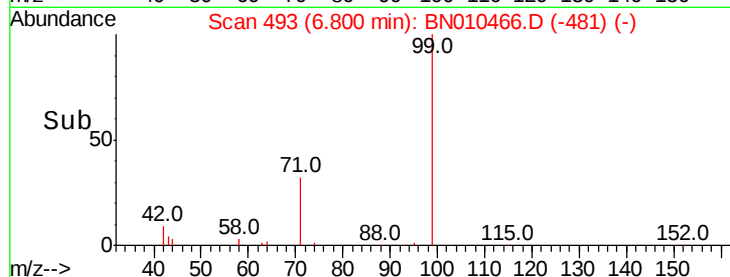
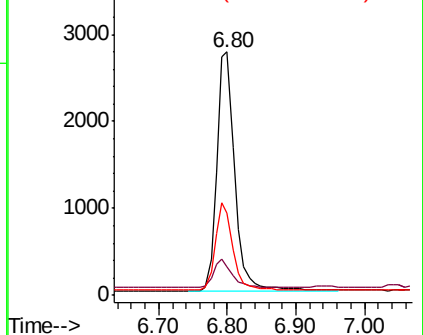
71 34.8 27.8 41.8



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: 0.428 ng

RT: 7.05 min Scan# 524

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

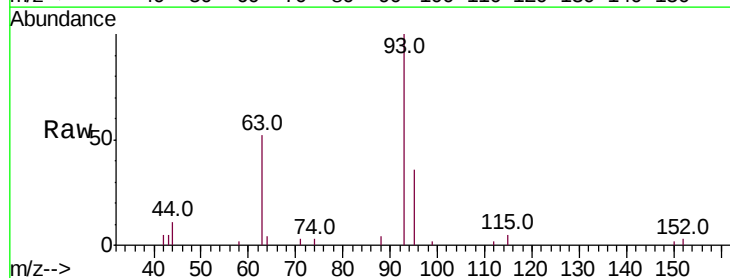
Tgt Ion: 93 Resp: 4468

Ion Ratio Lower Upper

93 100

63 55.7 44.6 66.8

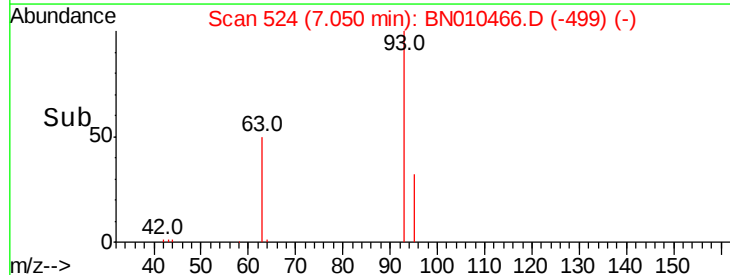
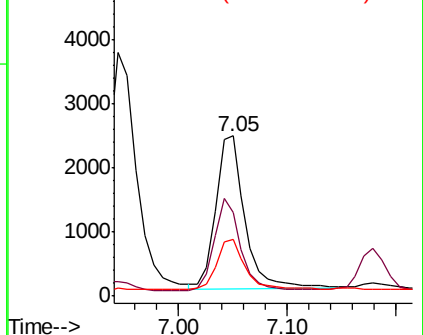
95 33.1 26.5 39.7



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: BN010466.D

Acq: 13 Apr 2020 14:24

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 17888

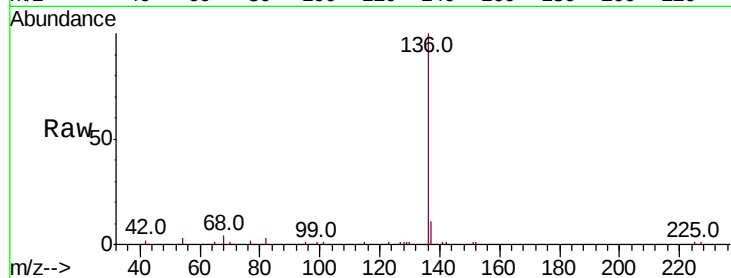
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 3.3 2.6 4.0

68 4.3 3.4 5.2

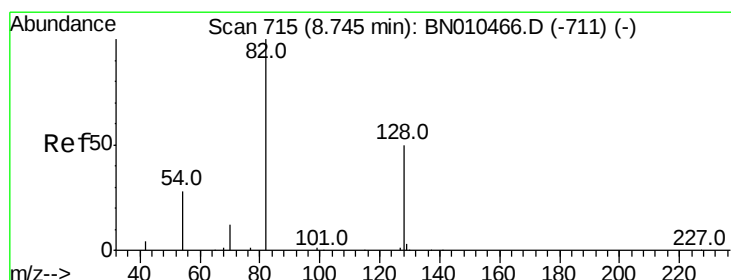
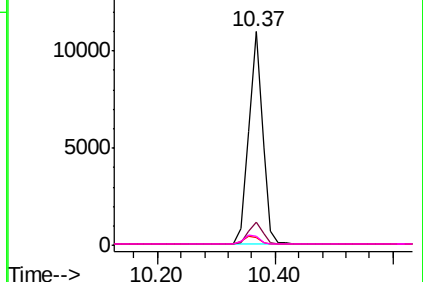
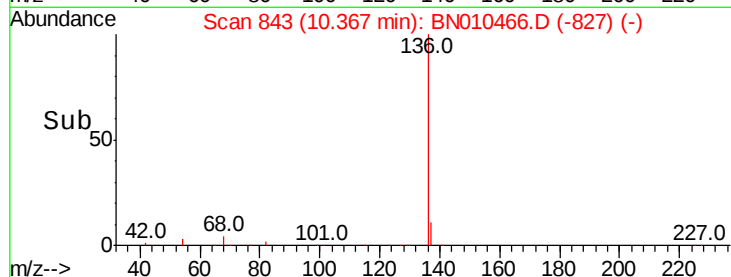


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.417 ng

RT: 8.75 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

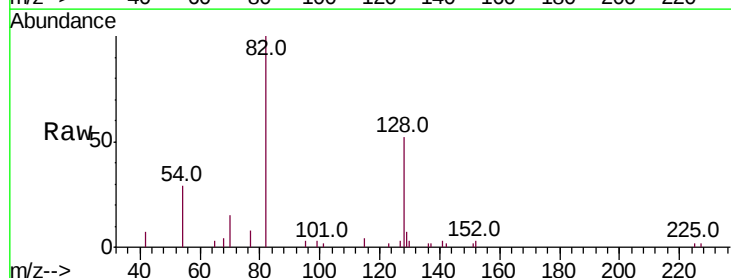
Tgt Ion: 82 Resp: 4784

Ion Ratio Lower Upper

82 100

128 51.6 41.3 61.9

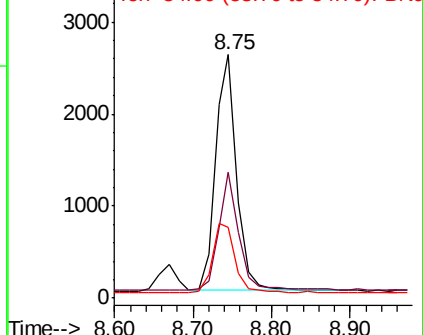
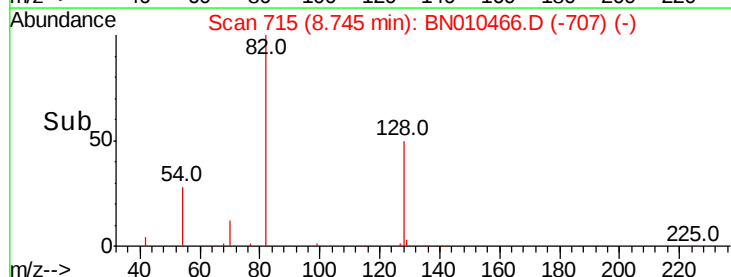
54 29.2 23.4 35.0



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: 0.394 ng

RT: 10.42 min Scan# 847

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

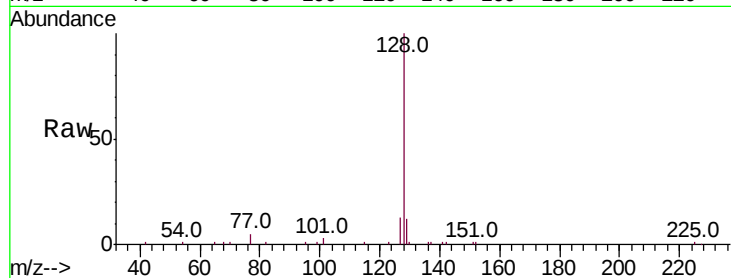
Tot Ion:128 Resp: 17590

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

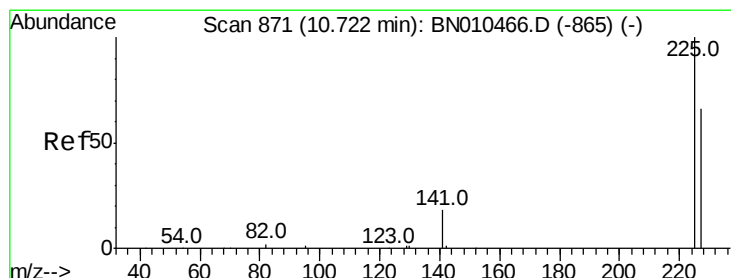
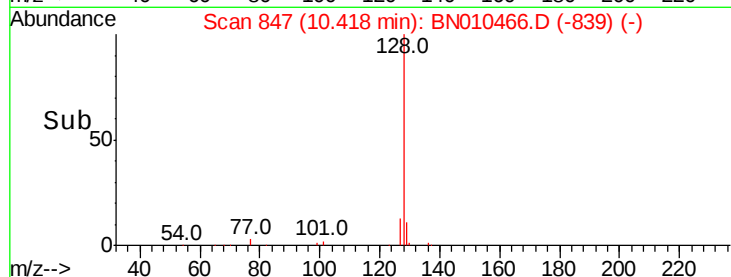
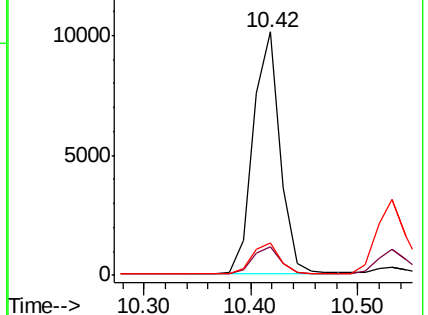
127 13.1 10.5 15.7



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: 0.399 ng

RT: 10.72 min Scan# 871

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

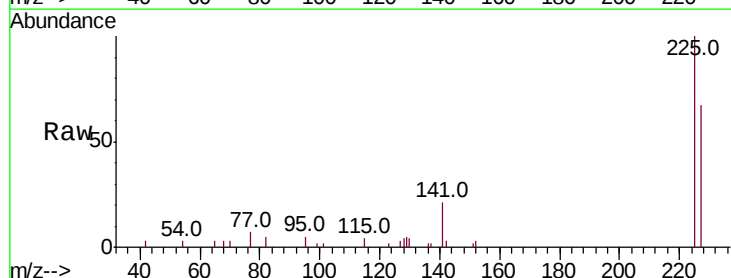
Tgt Ion:225 Resp: 4316

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

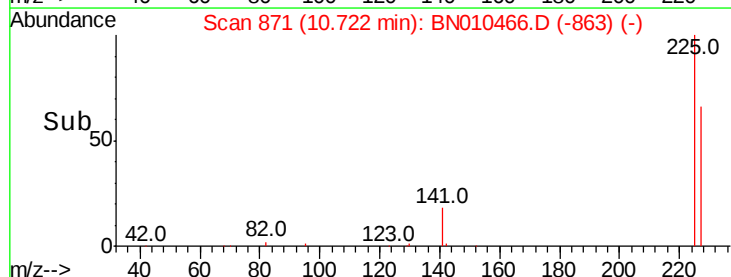
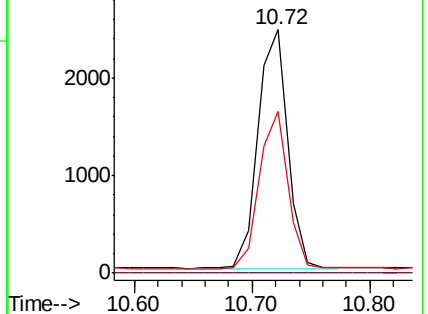
227 63.3 50.6 76.0

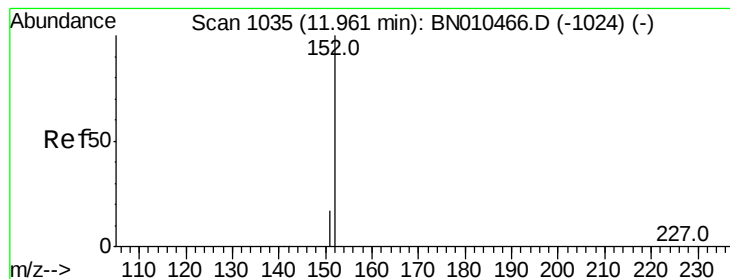


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

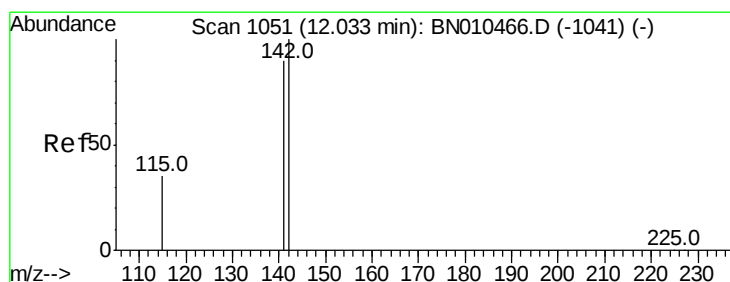
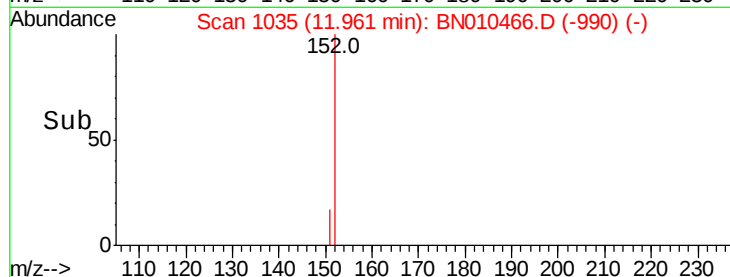
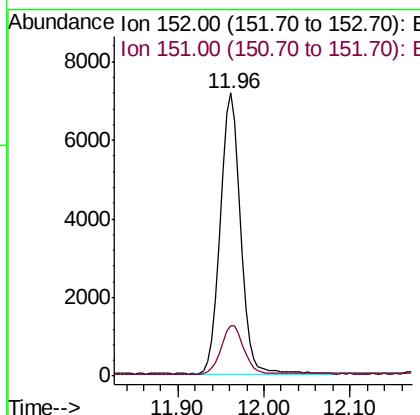
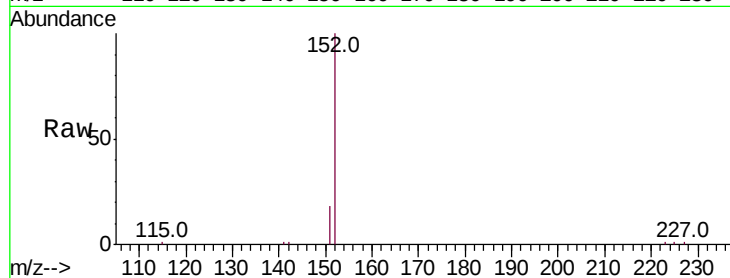




#11
2-Methylnaphthalene-d10
Concen: 0.408 ng
RT: 11.96 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BN010466.D
Acq: 13 Apr 2020 14:24

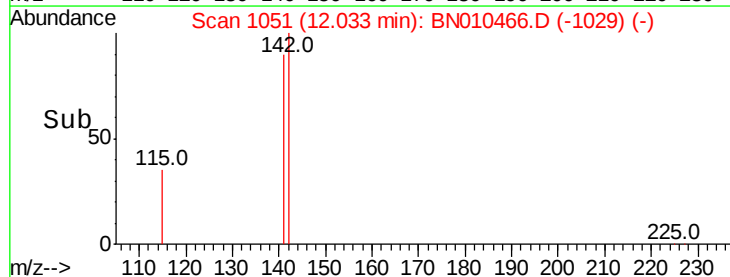
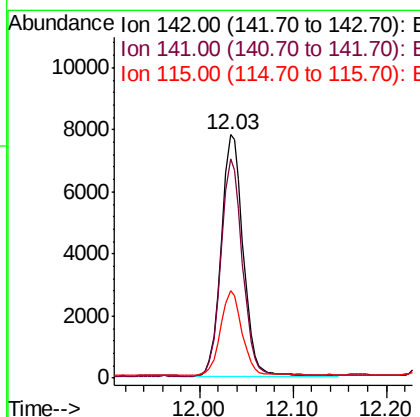
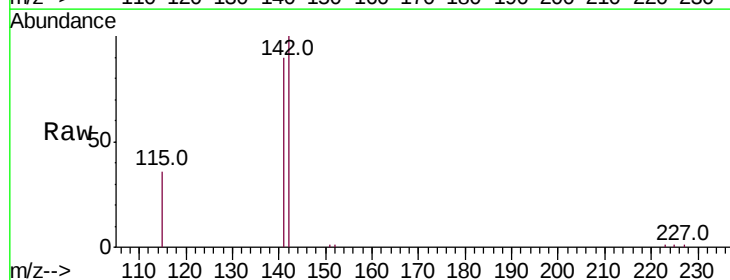
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

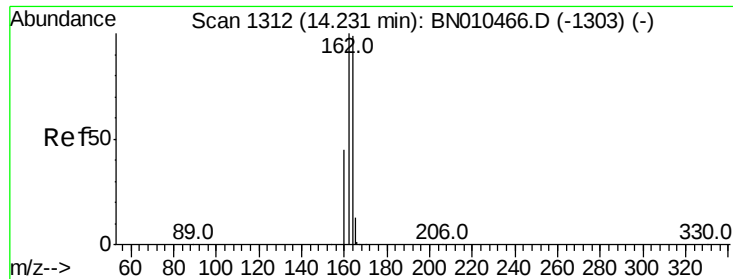
Tot Ion:152 Resp: 11661
Ion Ratio Lower Upper
152 100
151 19.1 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.409 ng
RT: 12.03 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BN010466.D
Acq: 13 Apr 2020 14:24

Tgt Ion:142 Resp: 12650
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9
115 36.0 28.8 43.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.23 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

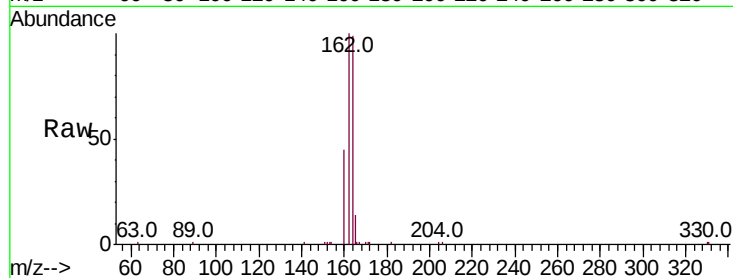
Tot Ion:164 Resp: 11173

Ion Ratio Lower Upper

164 100

162 100.8 80.6 121.0

160 45.6 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

10000

8000

6000

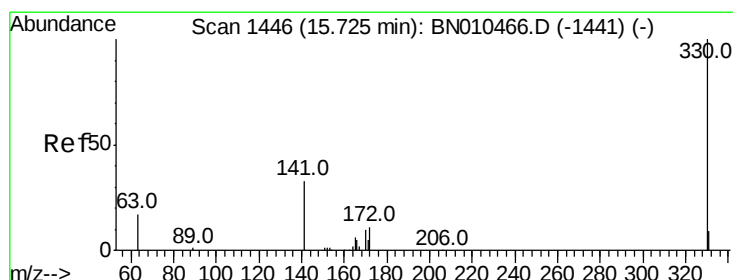
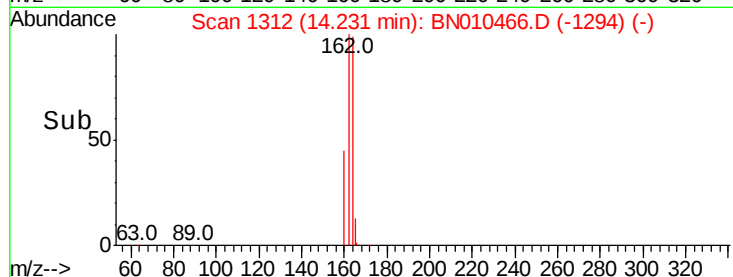
4000

2000

0

14.20 14.23 14.40

Time-->



#14

2,4,6-Tribromophenol

Concen: 0.468 ng

RT: 15.72 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

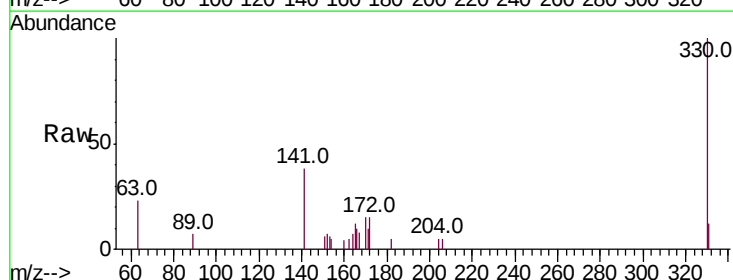
Tgt Ion:330 Resp: 2011

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 35.1 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

1500

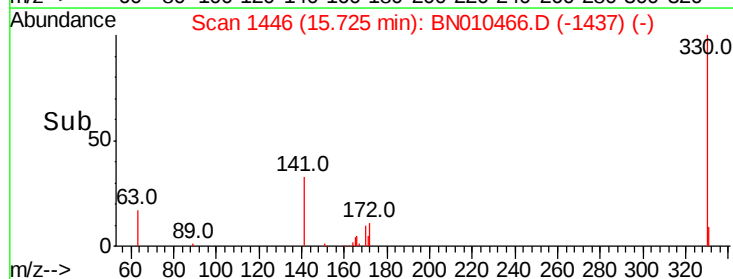
1000

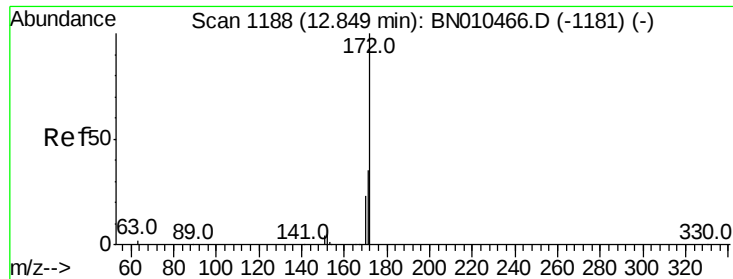
500

0

15.60 15.72 15.80 15.90

Time-->

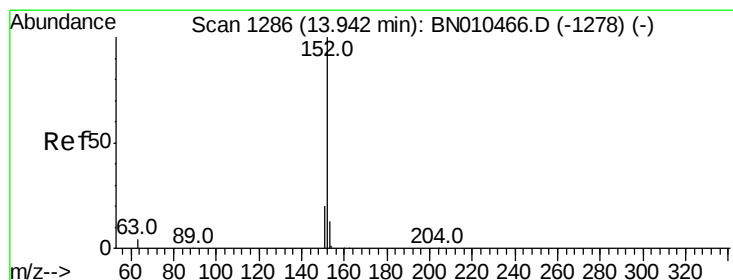
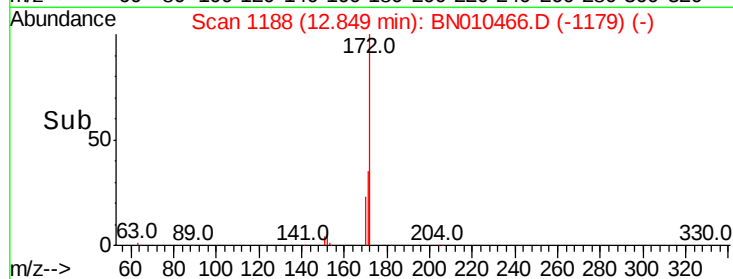
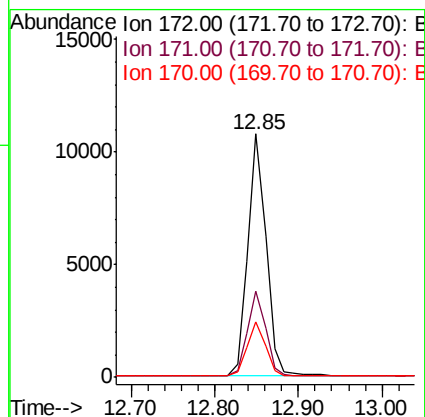
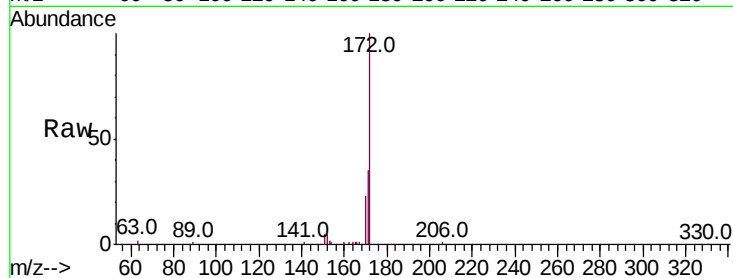




#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 12.85 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BN010466.D
Acq: 13 Apr 2020 14:24

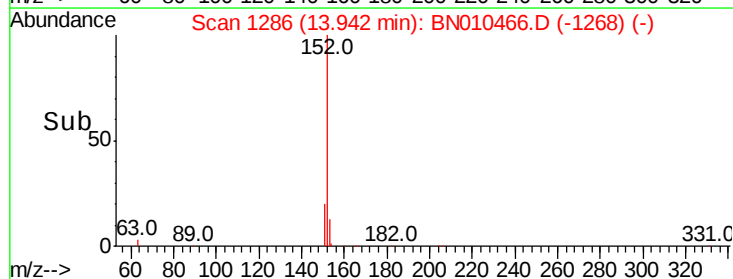
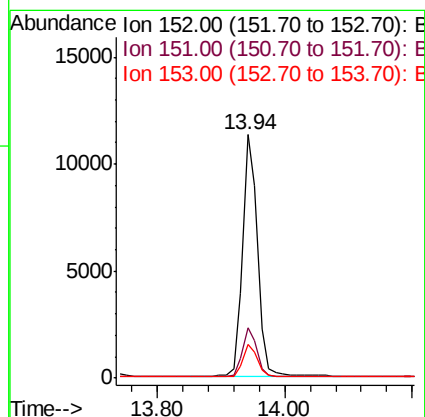
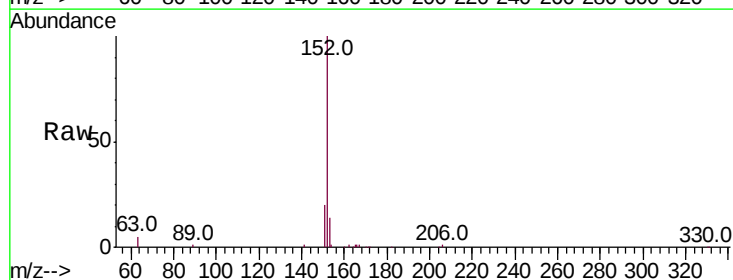
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.0	18.4	27.6



#16
Acenaphthylene
Concen: 0.429 ng
RT: 13.94 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BN010466.D
Acq: 13 Apr 2020 14:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.2	10.6	15.8





#17

Acenaphthene

Concen: 0.392 ng

RT: 14.29 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

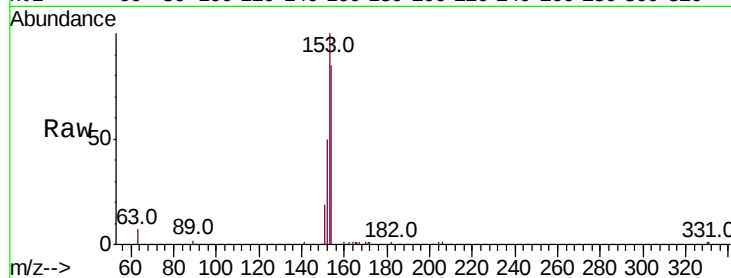
Tot Ion:154 Resp: 12254

Ion Ratio Lower Upper

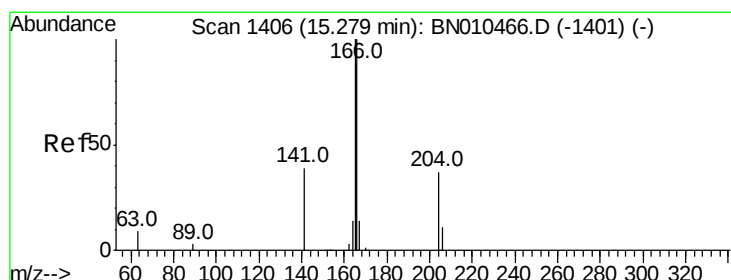
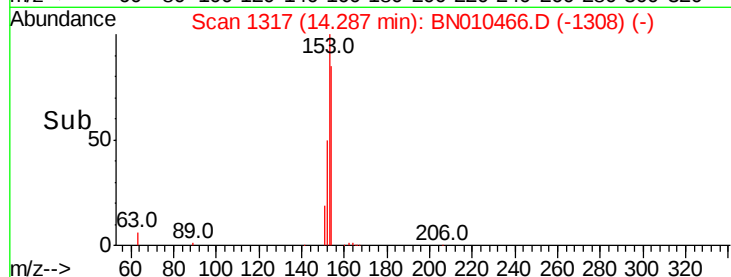
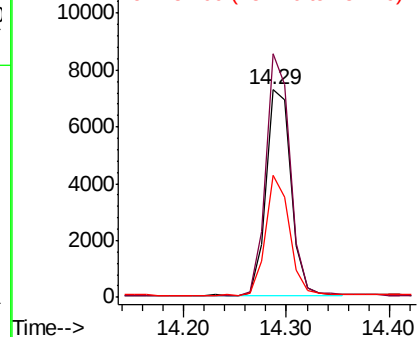
154 100

153 113.7 91.0 136.4

152 55.8 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: 0.387 ng

RT: 15.28 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

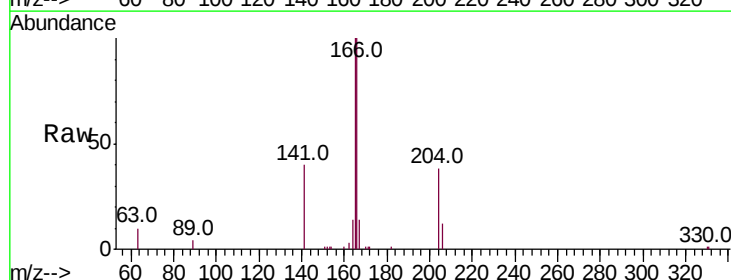
Tgt Ion:166 Resp: 16064

Ion Ratio Lower Upper

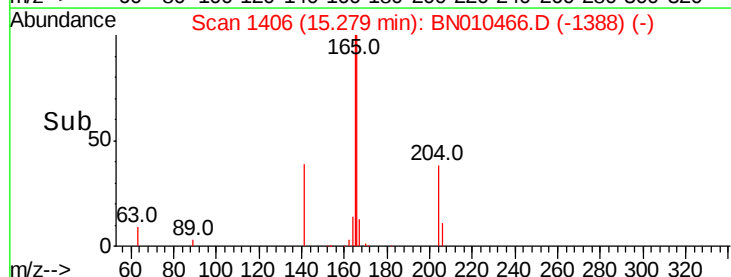
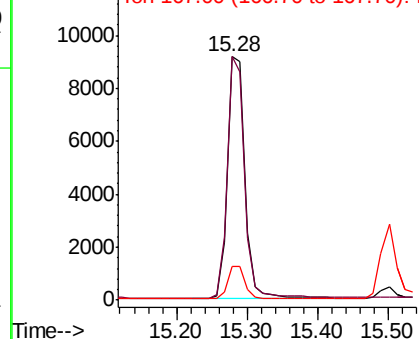
166 100

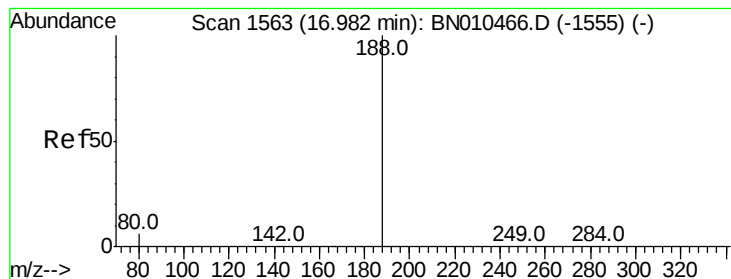
165 98.0 78.4 117.6

167 13.6 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. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

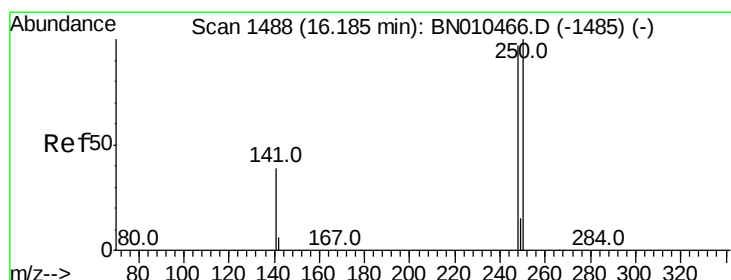
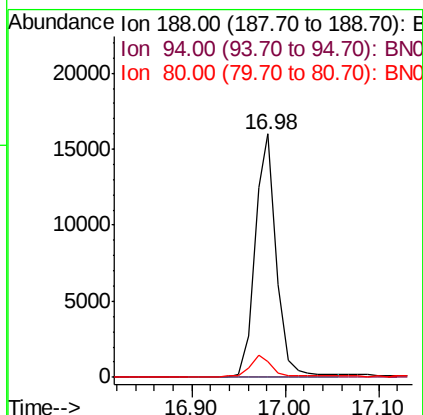
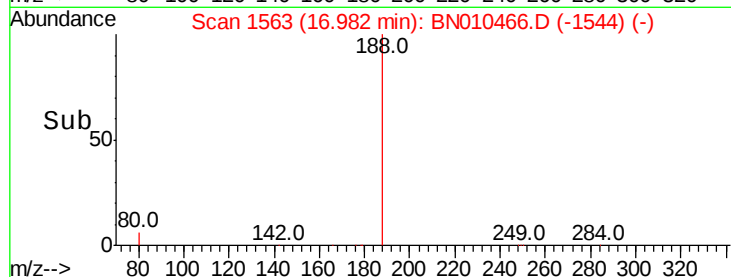
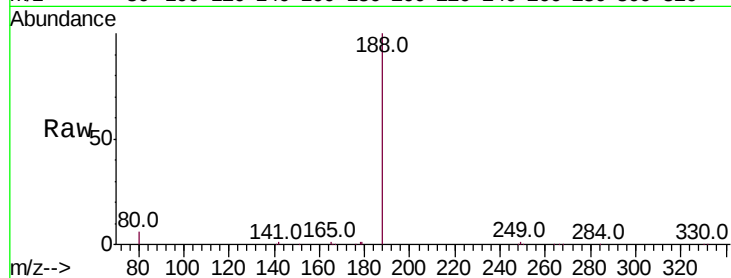
Tot Ion:188 Resp: 25131

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.3 5.0 7.6



#20

4-Bromophenyl-phenylether

Concen: 0.354 ng

RT: 16.18 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

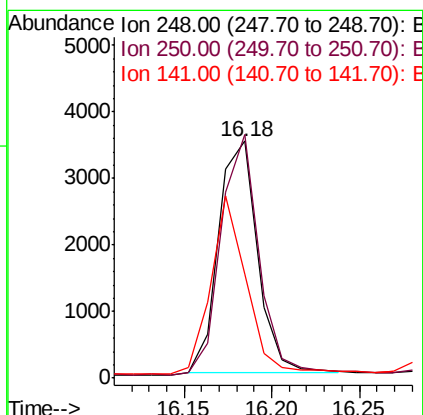
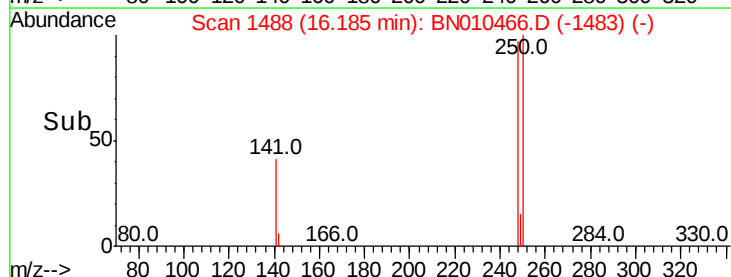
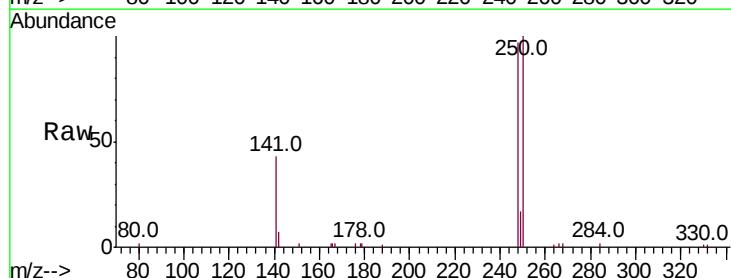
Tgt Ion:248 Resp: 5392

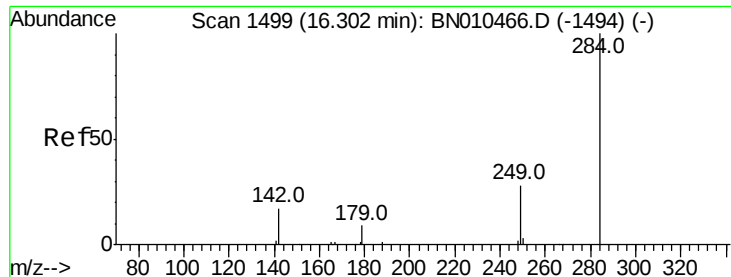
Ion Ratio Lower Upper

248 100

250 102.9 82.3 123.5

141 44.0 35.2 52.8





#21

Hexachlorobenzene

Concen: 0.410 ng

RT: 16.30 min Scan# 1499

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

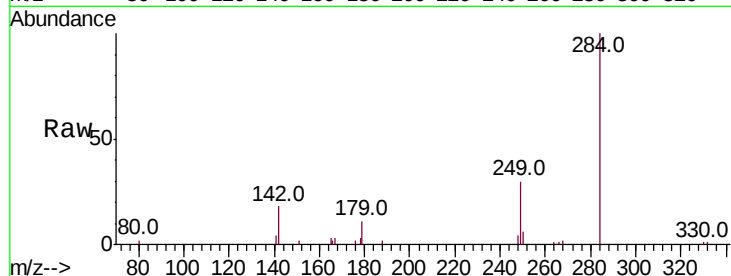
Tot Ion:284 Resp: 6423

Ion Ratio Lower Upper

284 100

142 31.9 25.5 38.3

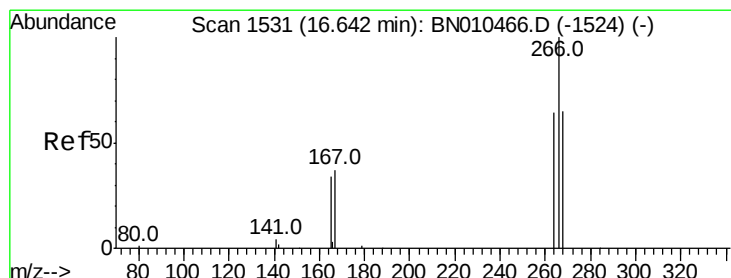
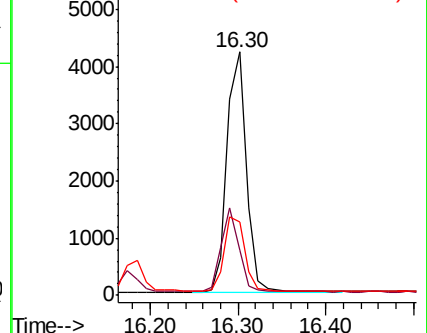
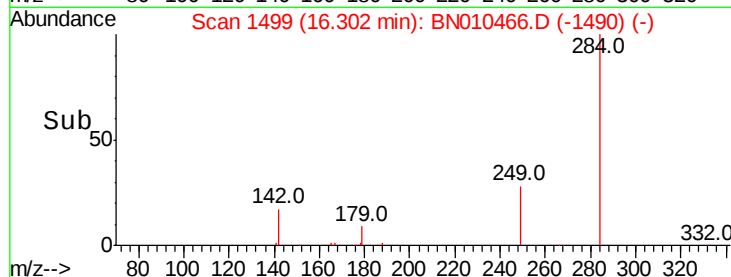
249 32.2 25.8 38.6



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: 0.395 ng

RT: 16.64 min Scan# 1531

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

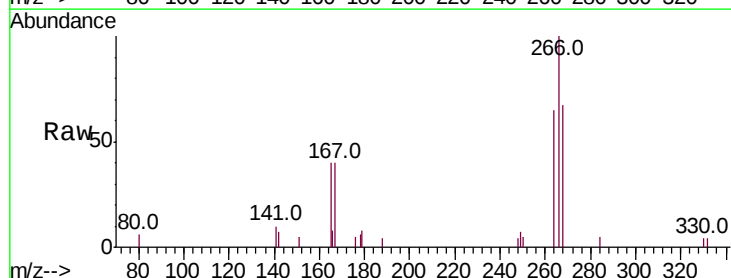
Tgt Ion:266 Resp: 2118

Ion Ratio Lower Upper

266 100

264 64.7 51.8 77.6

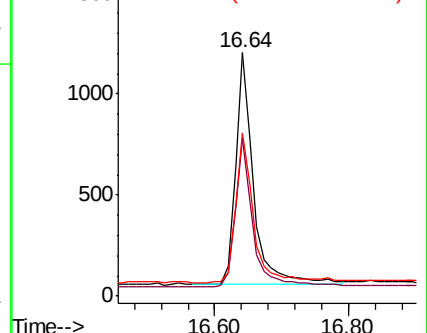
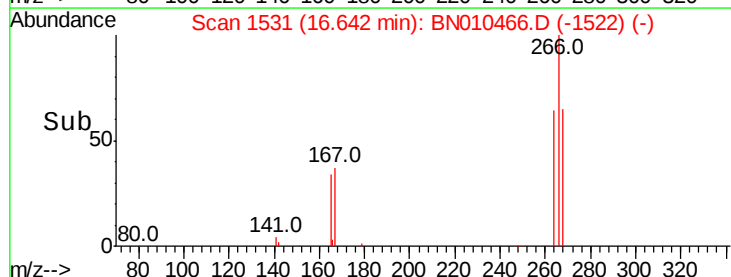
268 67.1 53.7 80.5



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: 0.390 ng

RT: 17.02 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

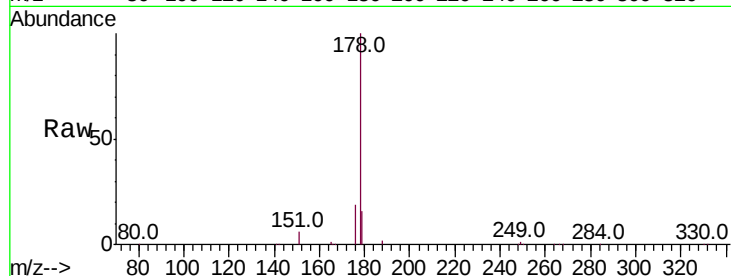
Tot Ion:178 Resp: 26958

Ion Ratio Lower Upper

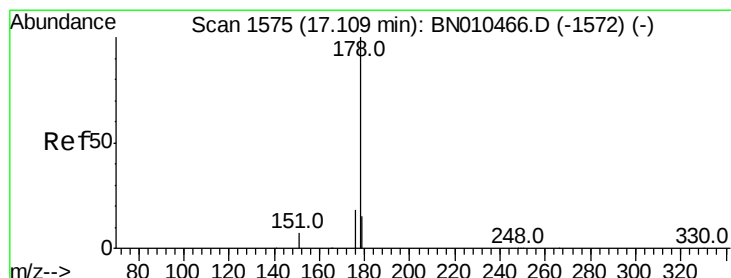
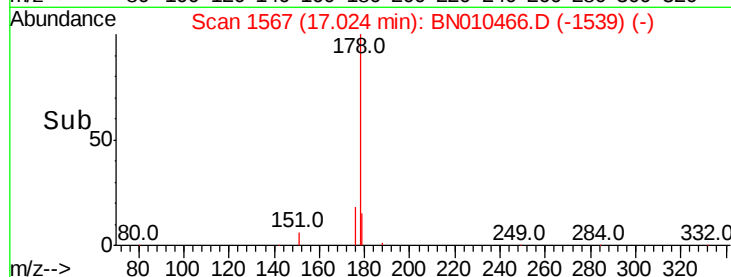
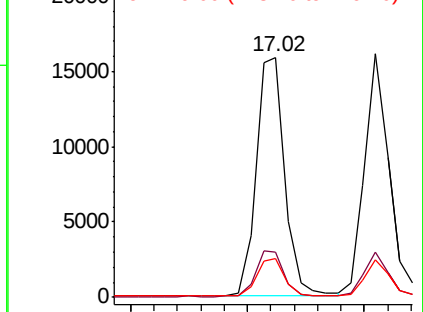
178 100

176 18.7 15.0 22.4

179 15.7 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.408 ng

RT: 17.11 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

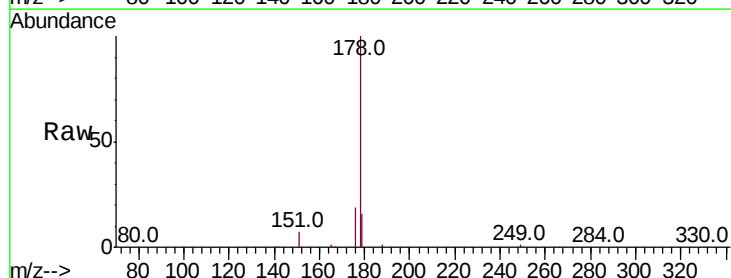
Tgt Ion:178 Resp: 24081

Ion Ratio Lower Upper

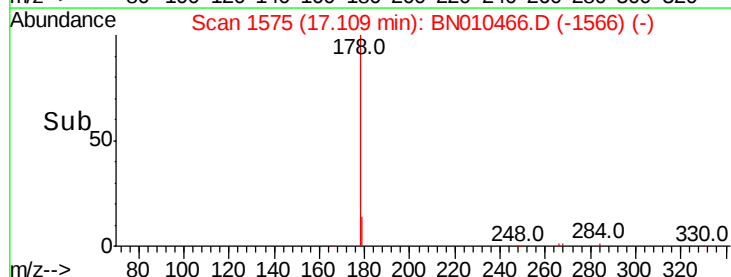
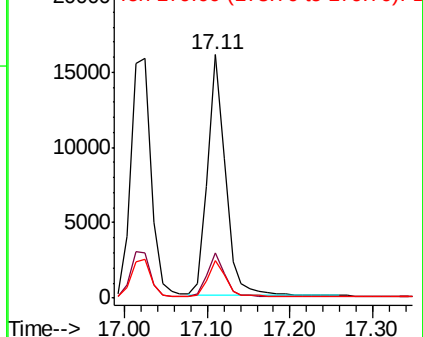
178 100

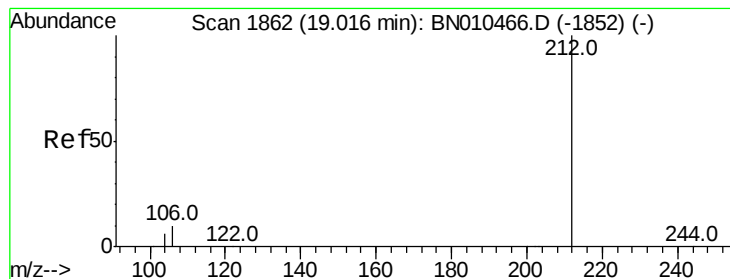
176 18.2 14.6 21.8

179 15.2 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: 0.398 ng

RT: 19.02 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

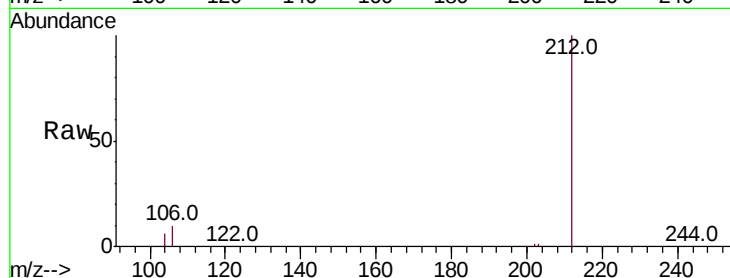
Tot Ion:212 Resp: 30190

Ion Ratio Lower Upper

212 100

106 9.7 7.8 11.6

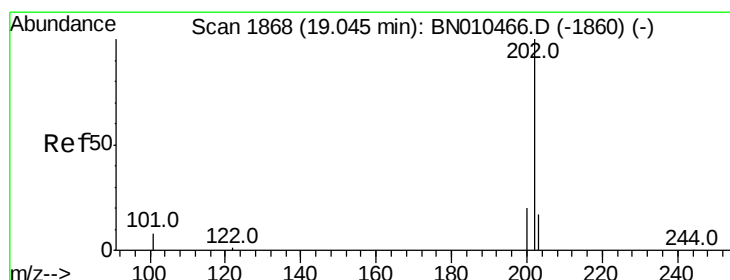
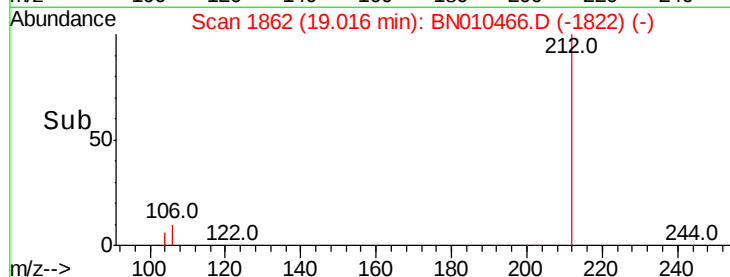
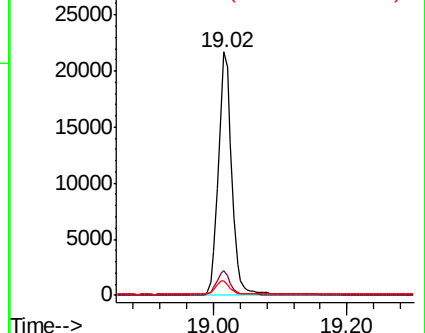
104 5.6 4.5 6.7



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.397 ng

RT: 19.05 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

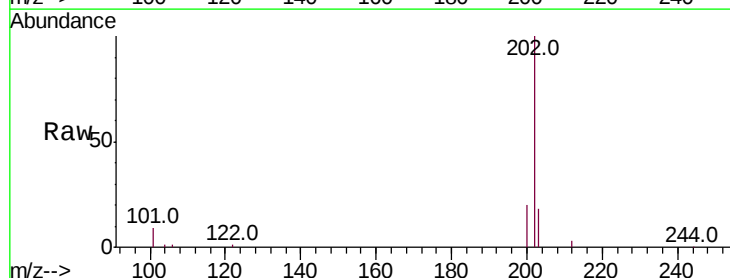
Tgt Ion:202 Resp: 33644

Ion Ratio Lower Upper

202 100

101 8.6 6.9 10.3

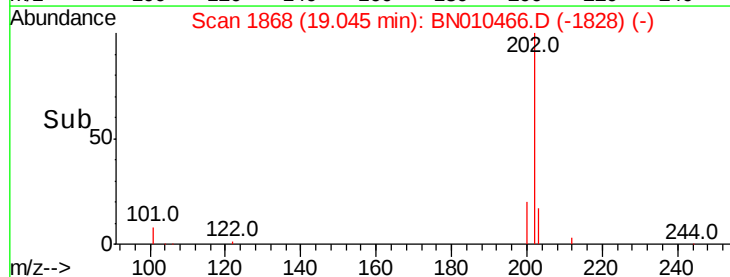
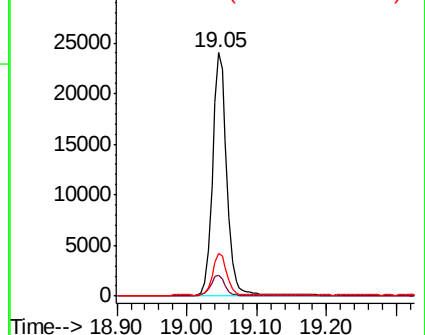
203 17.4 13.9 20.9



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# 2173

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

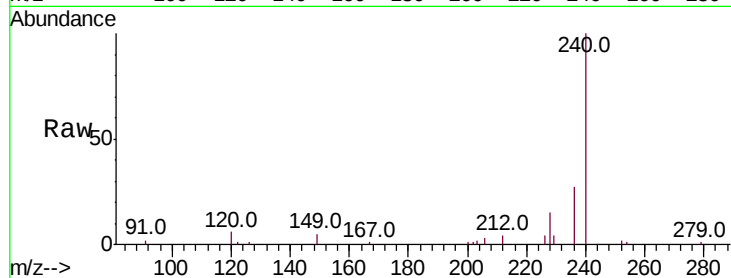
Tot Ion:240 Resp: 25769

Ion Ratio Lower Upper

240 100

120 6.0 4.8 7.2

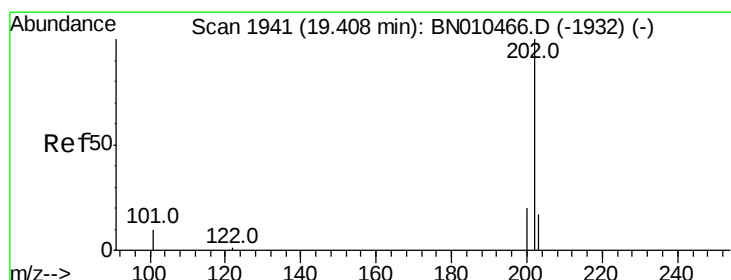
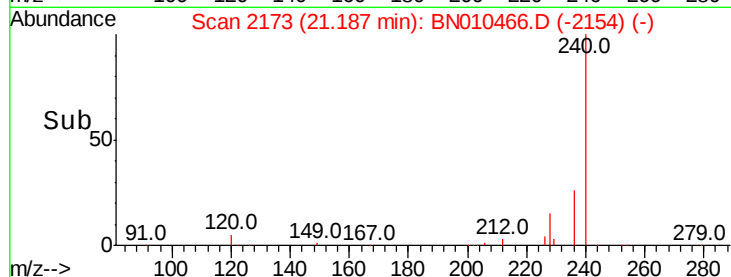
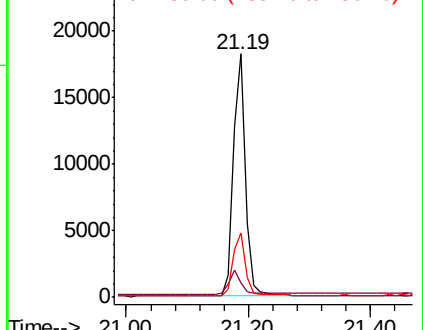
236 26.7 21.4 32.0



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: 0.428 ng

RT: 19.41 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

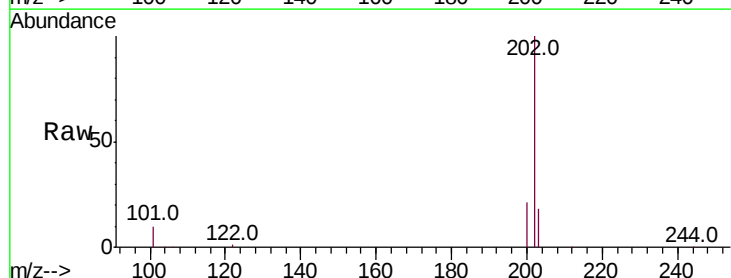
Tgt Ion:202 Resp: 34333

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

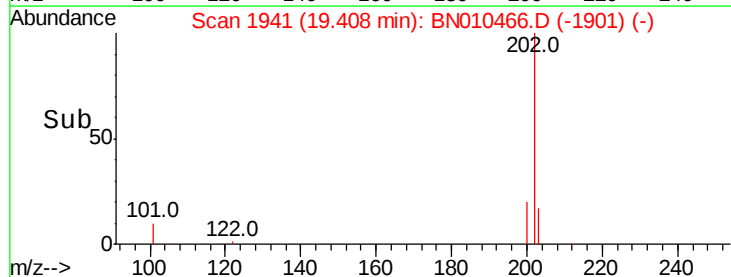
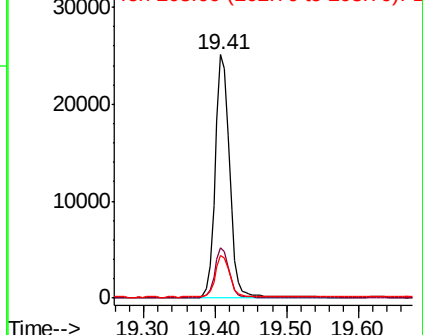
203 17.5 14.0 21.0

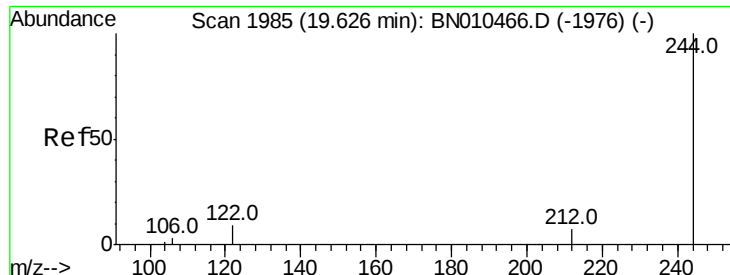


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.413 ng

RT: 19.63 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

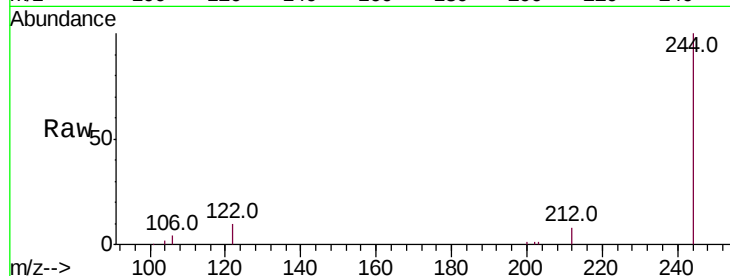
Tot Ion:244 Resp: 22998

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.4

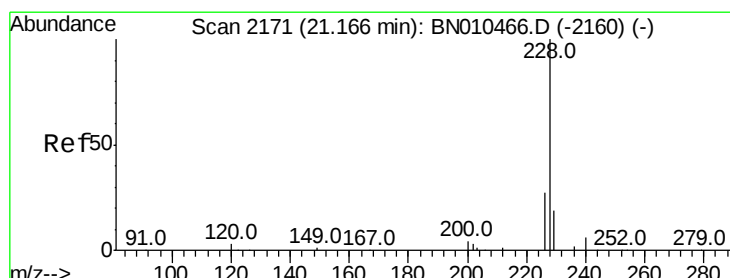
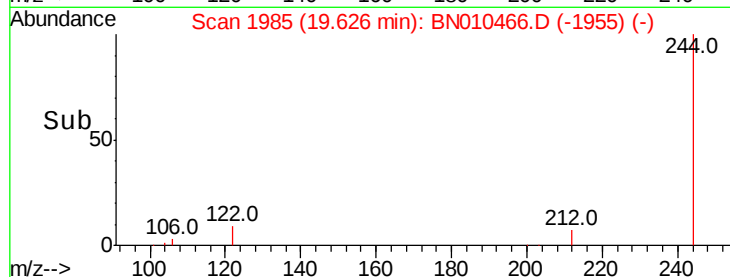
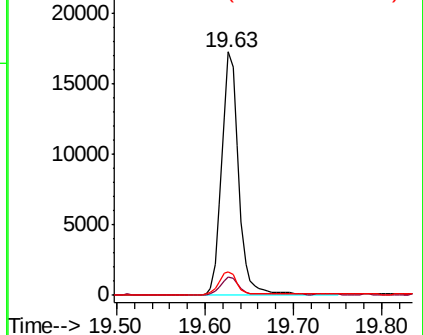
122 9.8 7.8 11.8



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: 0.404 ng

RT: 21.17 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

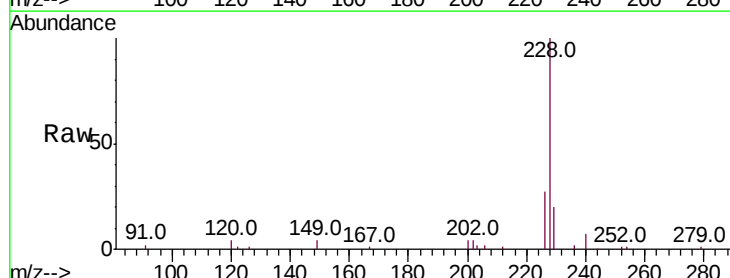
Tgt Ion:228 Resp: 33159

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

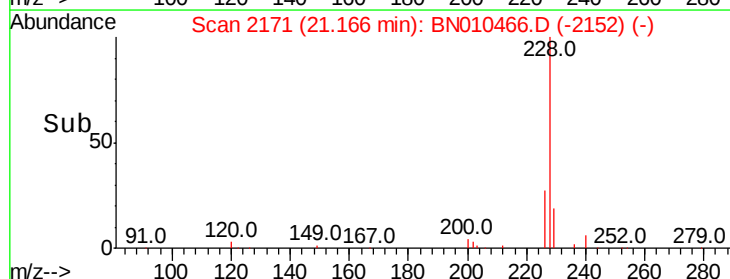
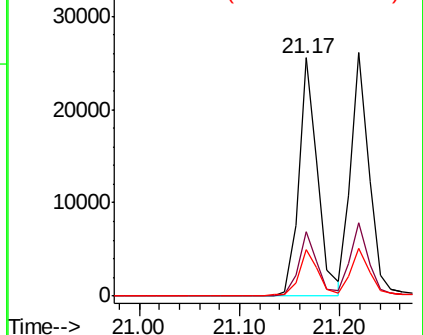
229 19.5 15.6 23.4

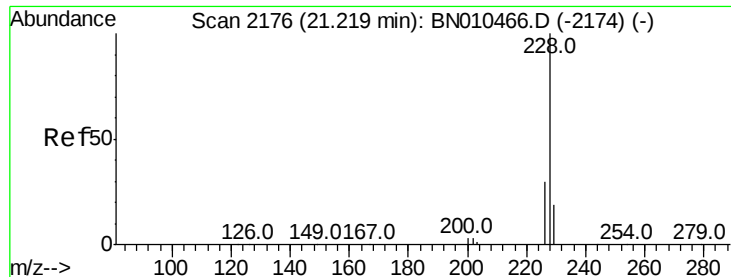


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.374 ng

RT: 21.22 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

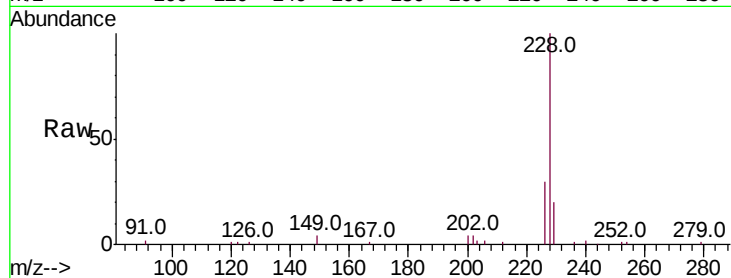
Tot Ion:228 Resp: 32948

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

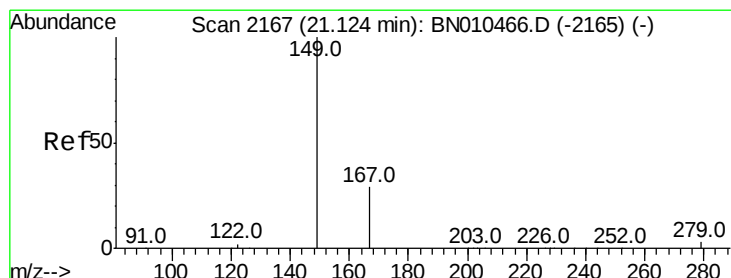
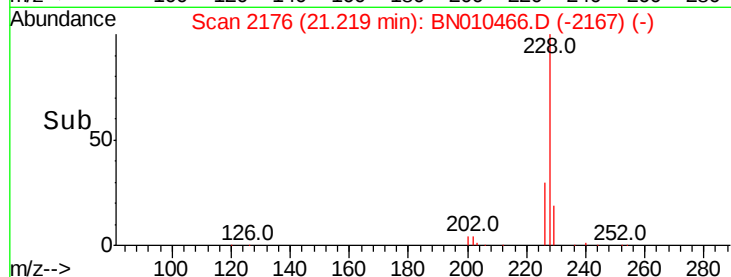
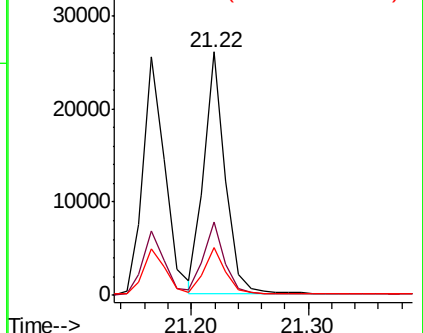
229 19.7 15.8 23.6



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: 0.587 ng

RT: 21.12 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

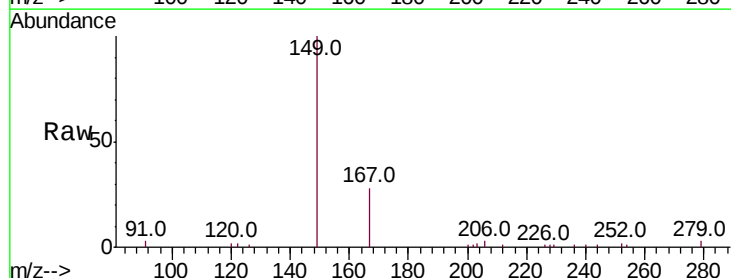
Tgt Ion:149 Resp: 16266

Ion Ratio Lower Upper

149 100

167 28.9 23.4 35.0

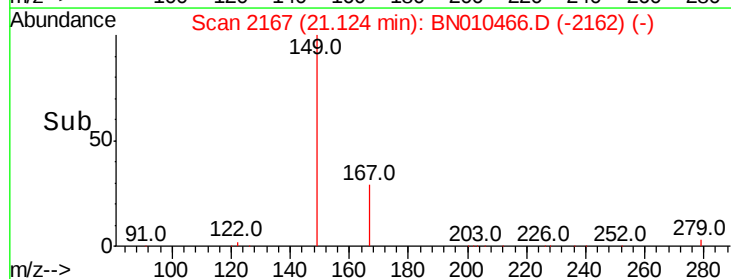
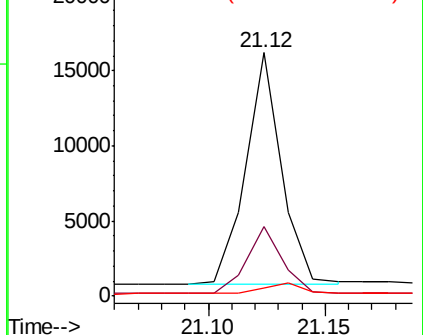
279 4.9 4.0 6.0

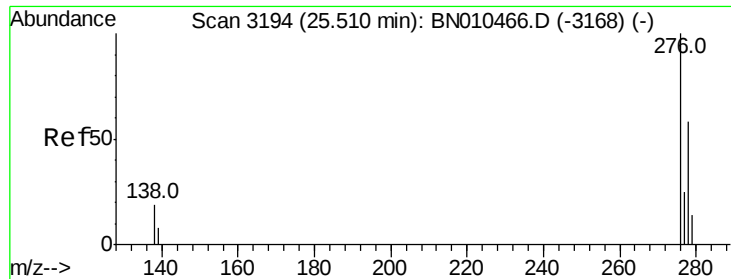


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.314 ng

RT: 25.51 min Scan# 3194

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

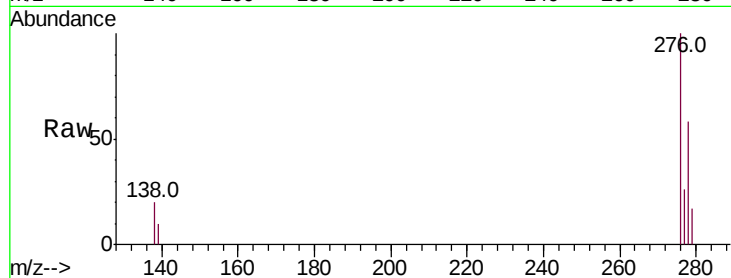
Tot Ion:276 Resp: 29627

Ion Ratio Lower Upper

276 100

138 20.5 16.4 24.6

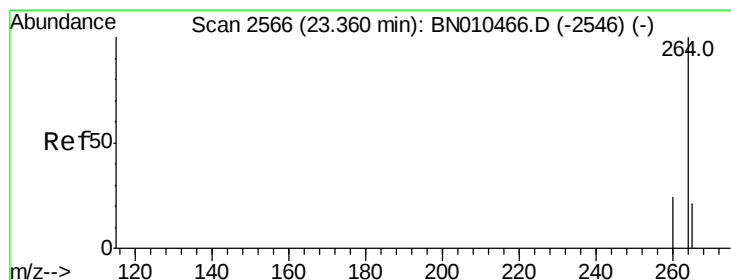
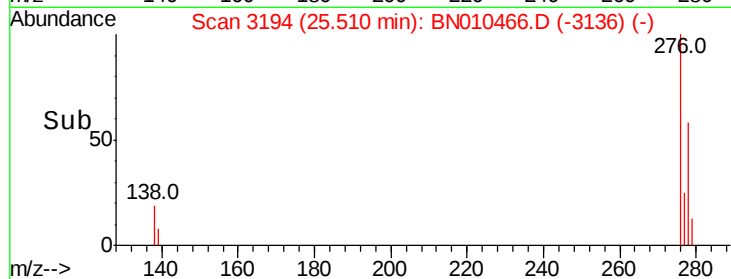
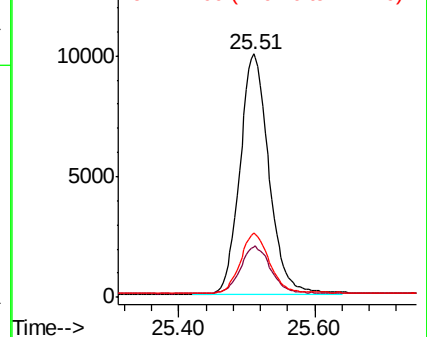
277 24.7 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.36 min Scan# 2566

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

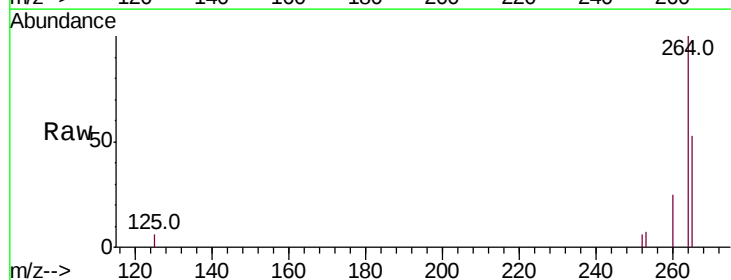
Tgt Ion:264 Resp: 22569

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.8

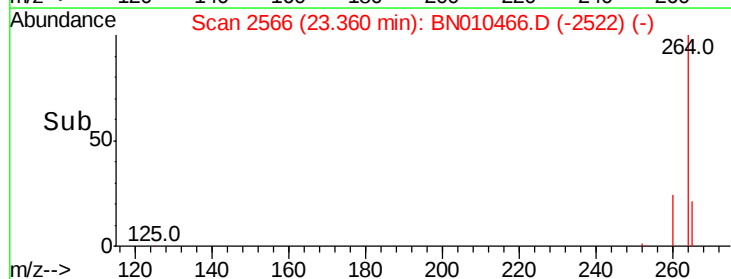
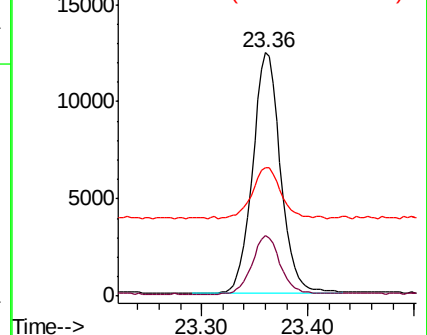
265 52.9 42.3 63.5



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

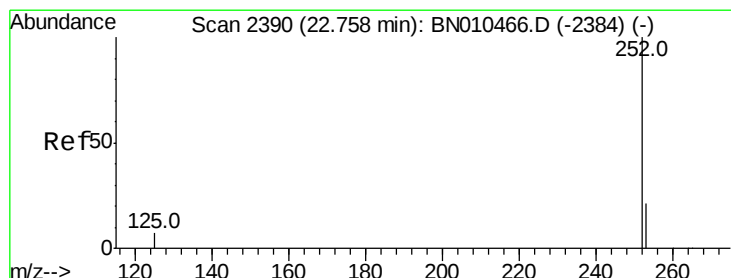
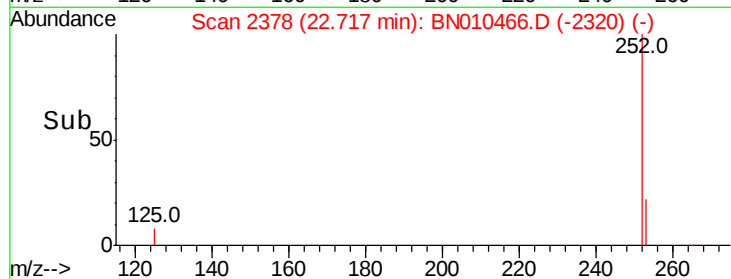
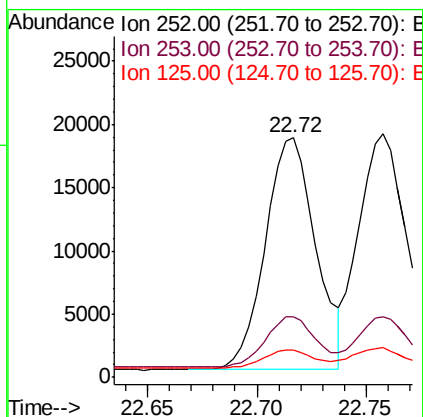
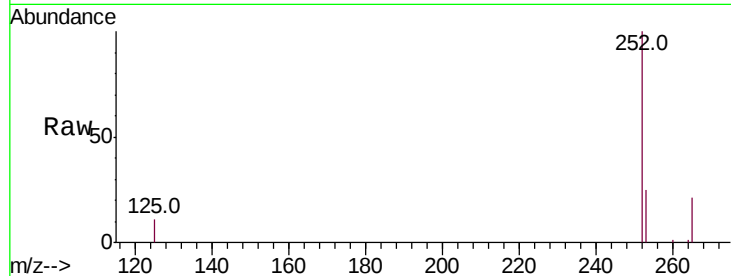




#35
Benzo(b)fluoranthene
Concen: 0.386 ng
RT: 22.72 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BN010466.D
Acq: 13 Apr 2020 14:24

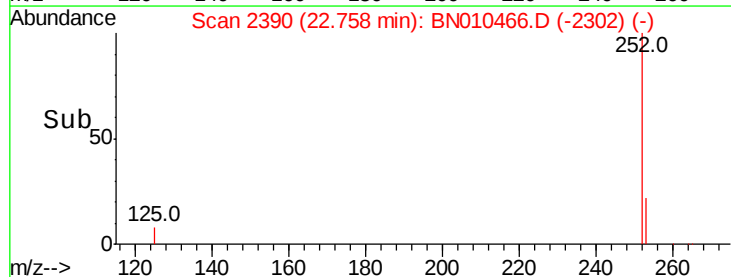
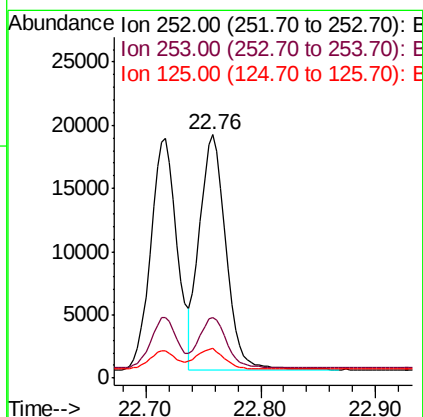
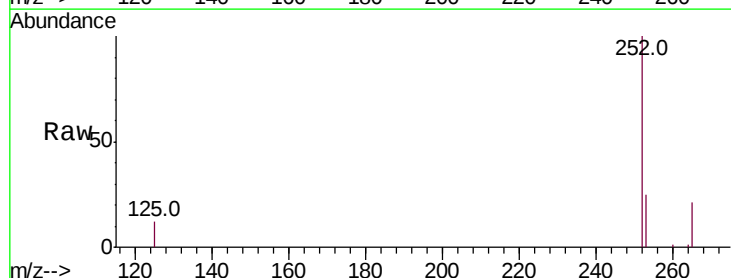
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion:252 Resp: 29633
Ion Ratio Lower Upper
252 100
253 25.3 20.2 30.4
125 11.5 9.2 13.8



#36
Benzo(k)fluoranthene
Concen: 0.380 ng
RT: 22.76 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BN010466.D
Acq: 13 Apr 2020 14:24

Tgt Ion:252 Resp: 29652
Ion Ratio Lower Upper
252 100
253 25.1 20.1 30.1
125 12.0 9.6 14.4





#37

Benzo(a)pyrene

Concen: 0.403 ng

RT: 23.26 min Scan# 2538

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

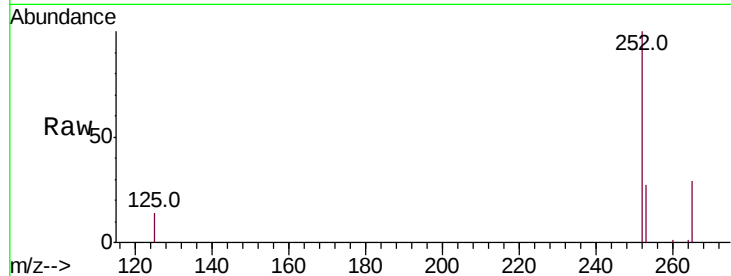
Tot Ion:252 Resp: 26070

Ion Ratio Lower Upper

252 100

253 27.3 21.8 32.8

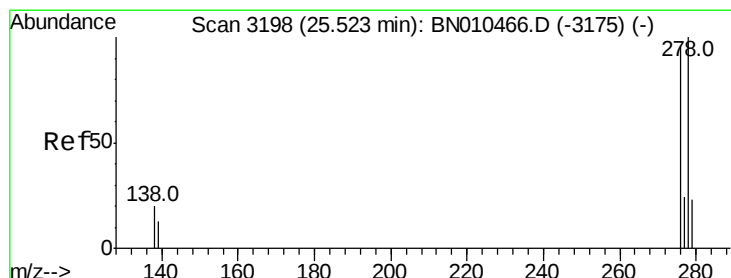
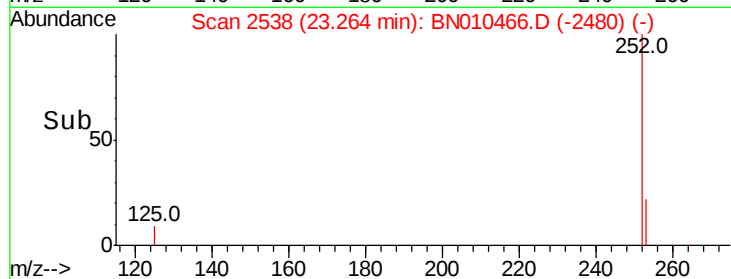
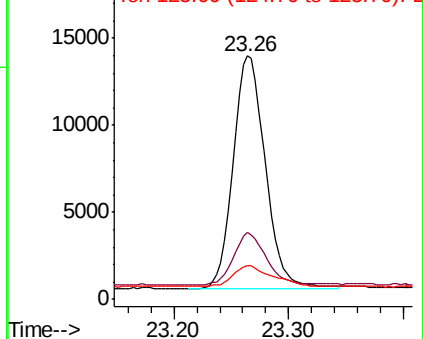
125 13.8 11.0 16.6



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: 0.344 ng

RT: 25.52 min Scan# 3198

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

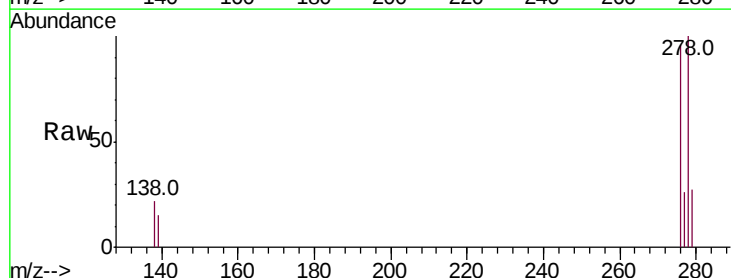
Tgt Ion:278 Resp: 24096

Ion Ratio Lower Upper

278 100

139 15.4 12.3 18.5

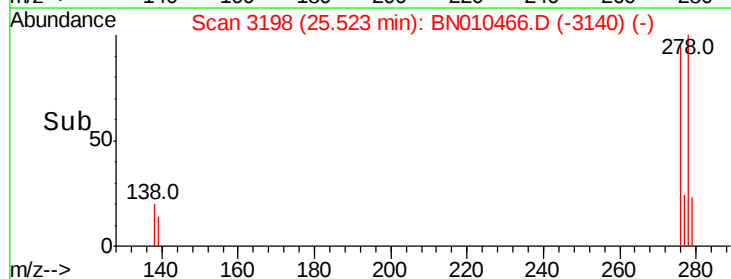
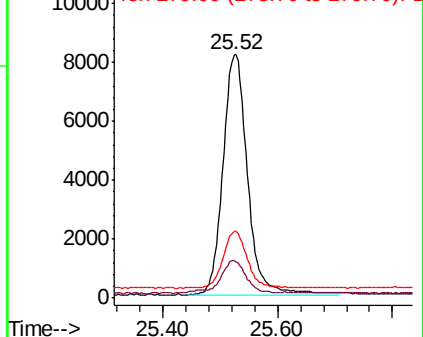
279 27.4 21.9 32.9

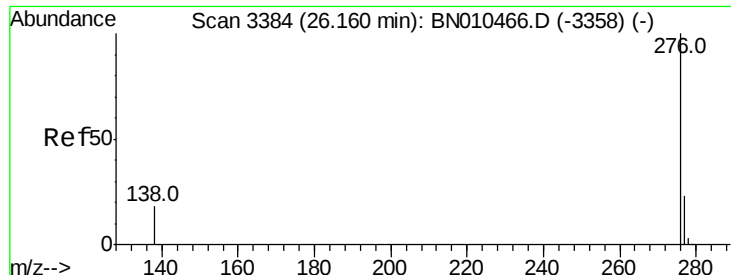


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.346 ng

RT: 26.16 min Scan# 3384

Delta R.T. 0.00 min

Lab File: BN010466.D

Acq: 13 Apr 2020 14:24

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

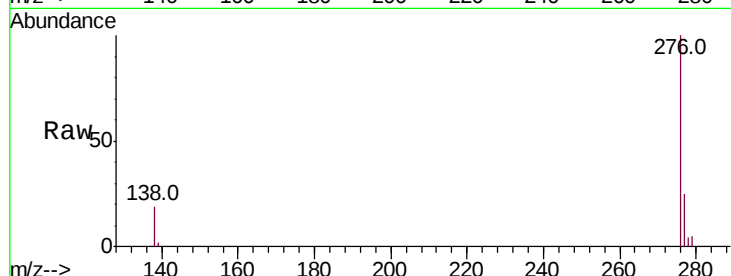
Tot Ion:276 Resp: 24349

Ion Ratio Lower Upper

276 100

277 25.2 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

