

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN103118\
 Data File : BN003366.D
 Acq On : 31 Oct 2018 11:08
 Operator : MJ/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Oct 31 14:09:40 2018
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 16:15:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	13562	0.40	ng	-0.02
7) Naphthalene-d8	10.66	136	57318	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	33514	0.40	ng	-0.01
19) Phenanthrene-d10	17.23	188	78800	0.40	ng	-0.01
27) Chrysene-d12	21.41	240	81392	0.40	ng	-0.01
34) Perylene-d12	23.73	264	65747	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	12411	0.37	ng	-0.02
5) Phenol-d6	7.00	99	15521	0.37	ng	-0.02
8) Nitrobenzene-d5	9.01	82	12241	0.49	ng	-0.01
11) 2-Methylnaphthalene-d10	12.24	152	36043	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	4834	0.36	ng	-0.01
15) 2-Fluorobiphenyl	13.11	172	55175	0.38	ng	-0.02
25) Fluoranthene-d10	19.26	212	81947	0.36	ng	0.00
29) Terphenyl-d14	19.86	244	75337	0.40	ng	0.00

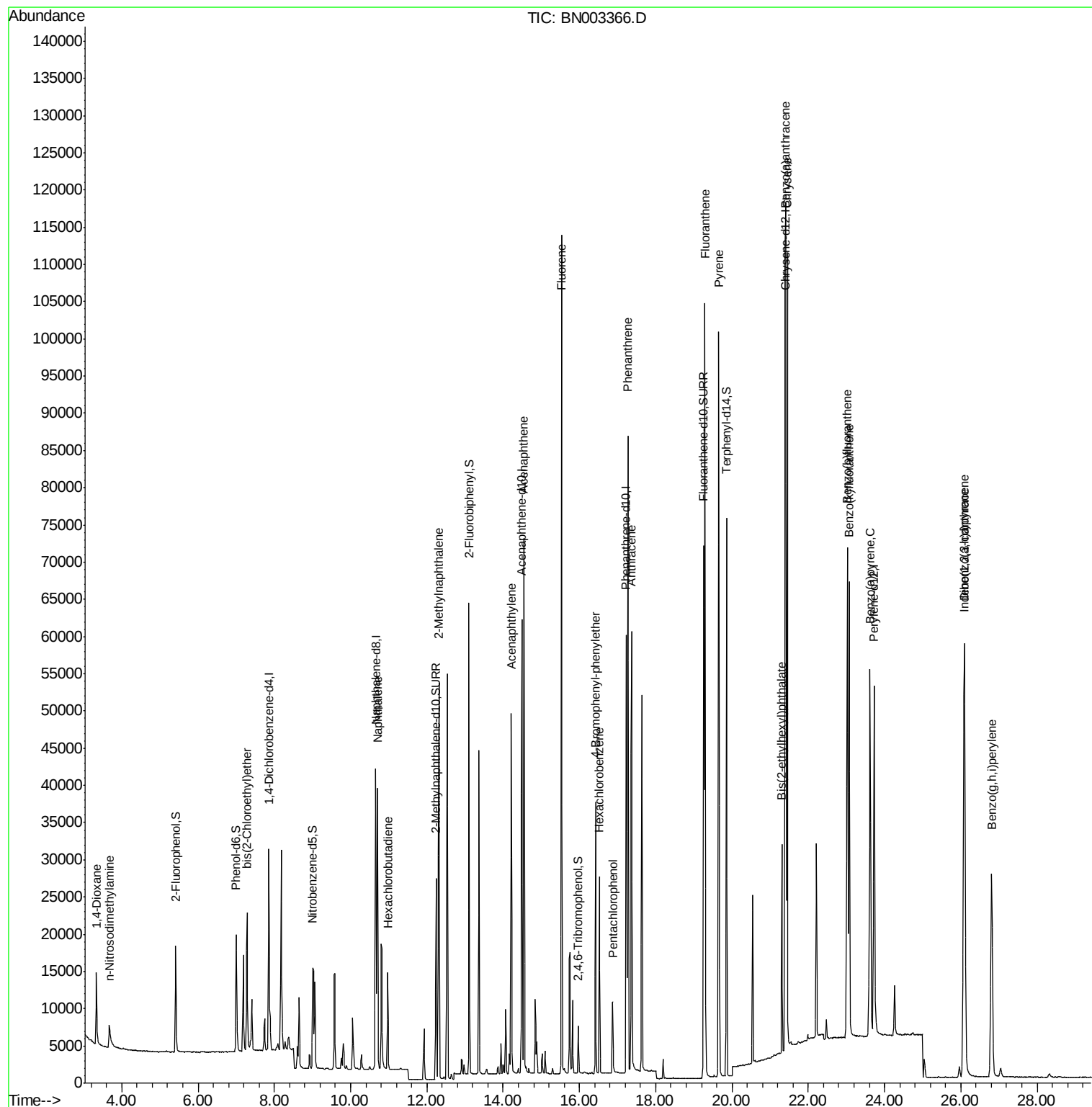
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	6760	0.385	ng	95
3) n-Nitrosodimethylamine	3.67	42	3177	0.393	ng	# 95
6) bis(2-Chloroethyl)ether	7.28	93	14801	0.391	ng	97
9) Naphthalene	10.71	128	54565	0.389	ng	99
10) Hexachlorobutadiene	10.97	225	9947	0.388	ng	# 100
12) 2-Methylnaphthalene	12.31	142	37908	0.387	ng	98
16) Acenaphthylene	14.21	152	53106	0.355	ng	99
17) Acenaphthene	14.54	154	40044	0.387	ng	100
18) Fluorene	15.54	166	48250	0.372	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	17613	0.386	ng	# 77
21) Hexachlorobenzene	16.53	284	19472	0.405	ng	99
22) Pentachlorophenol	16.88	266	5264	0.404	ng	96
23) Phenanthrene	17.27	178	83791	0.388	ng	100
24) Anthracene	17.37	178	65629	0.354	ng	99
26) Fluoranthene	19.29	202	89811	0.362	ng	100
28) Pyrene	19.66	202	91003	0.404	ng	100
30) Benzo(a)anthracene	21.40	228	73567	0.345	ng	99
31) Chrysene	21.45	228	87831	0.382	ng	99
32) Bis(2-ethylhexyl)phthalate	21.31	149	22402	0.355	ng	99
33) Indeno(1,2,3-cd)pyrene	26.08	276	74472	0.313	ng	99
35) Benzo(b)fluoranthene	23.02	252	84368	0.411	ng	# 95
36) Benzo(k)fluoranthene	23.07	252	78874	0.388	ng	100
37) Benzo(a)pyrene	23.62	252	72785	0.390	ng	# 92
38) Dibenzo(a,h)anthracene	26.10	278	62166	0.357	ng	100
39) Benzo(g,h,i)perylene	26.81	276	60494	0.348	ng	100

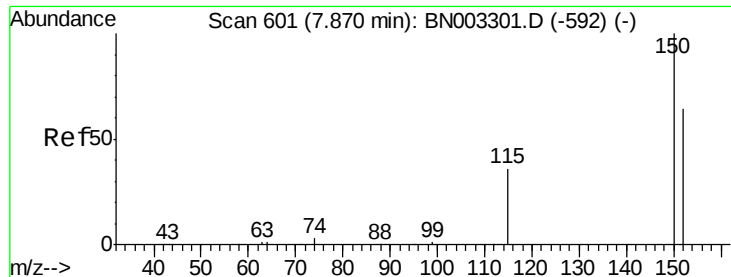
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN103118\
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 599

Delta R.T. -0.02 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

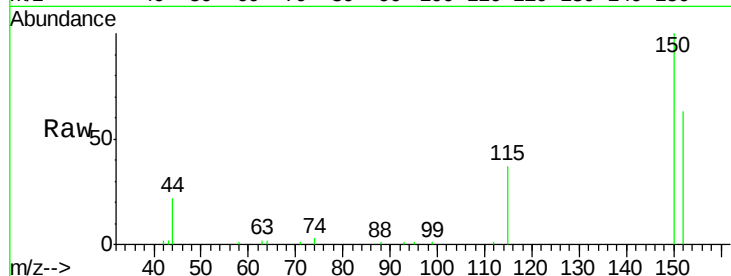
Tgt Ion:152 Resp: 13562

Ion Ratio Lower Upper

152 100

150 158.2 124.6 187.0

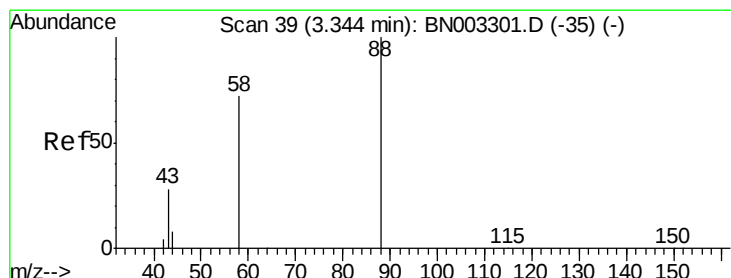
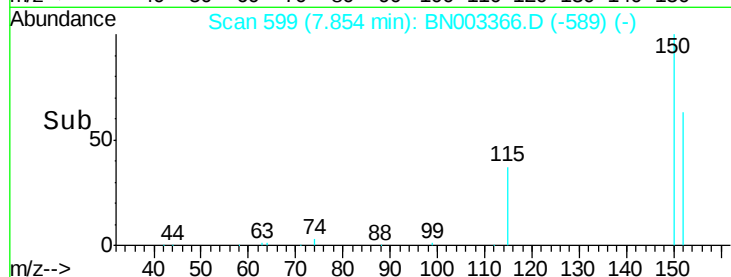
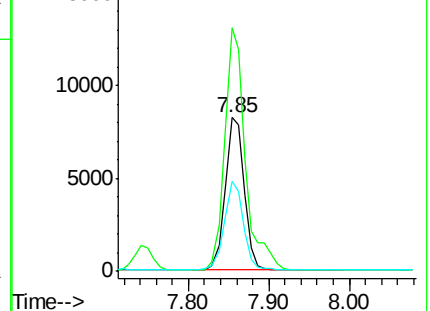
115 58.8 46.4 69.6



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: 0.385 ng

RT: 3.34 min Scan# 38

Delta R.T. -0.01 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

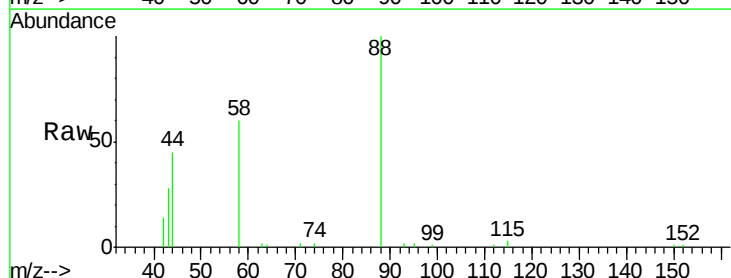
Tgt Ion: 88 Resp: 6760

Ion Ratio Lower Upper

88 100

58 71.3 60.9 91.3

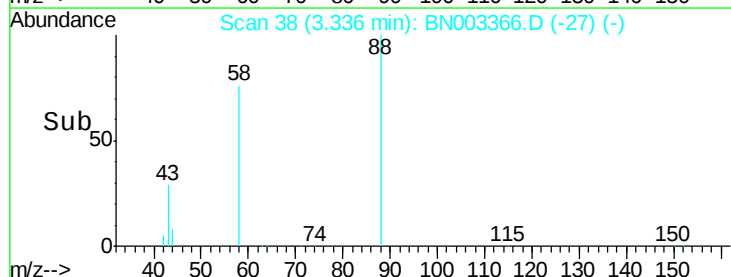
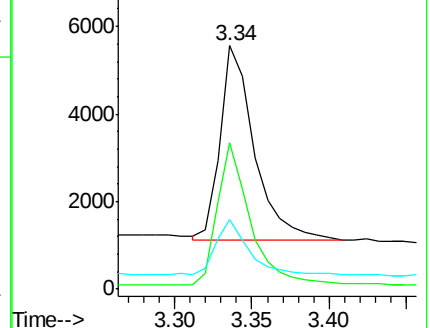
43 27.9 23.9 35.9

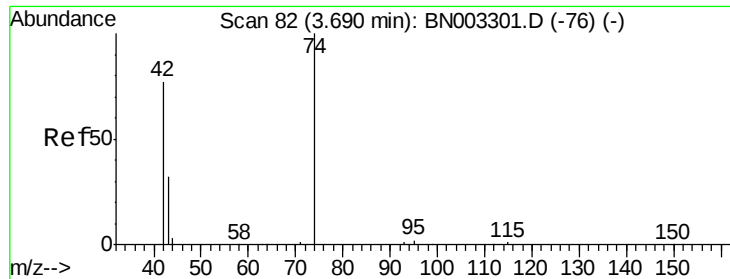


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.393 ng

RT: 3.67 min Scan# 80

Delta R.T. -0.02 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

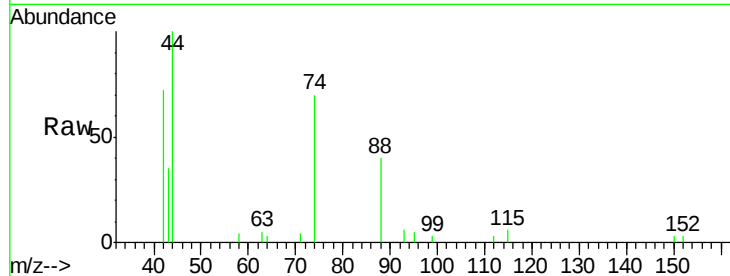
Tgt Ion: 42 Resp: 3177

Ion Ratio Lower Upper

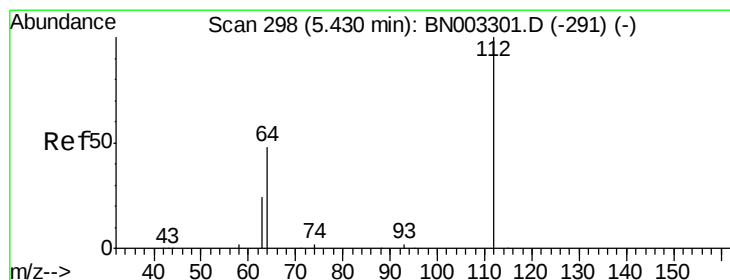
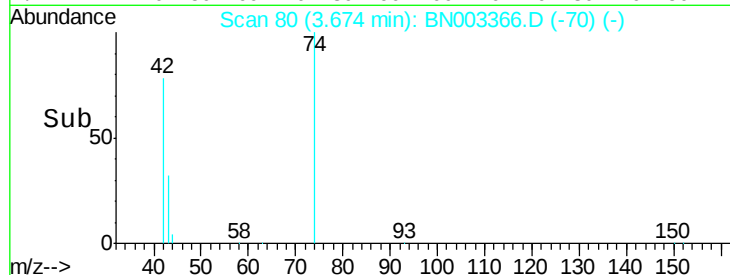
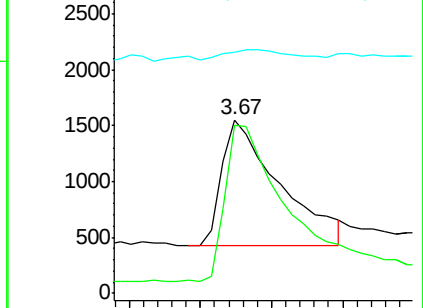
42 100

74 128.6 99.1 148.7

44 9.7 4.2 6.4#



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



#4

2-Fluorophenol

Concen: 0.370 ng

RT: 5.41 min Scan# 296

Delta R.T. -0.02 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

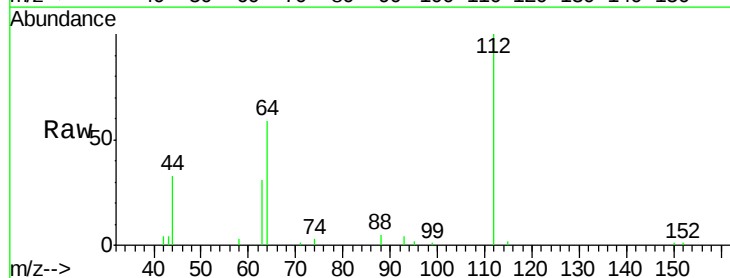
Tgt Ion: 112 Resp: 12411

Ion Ratio Lower Upper

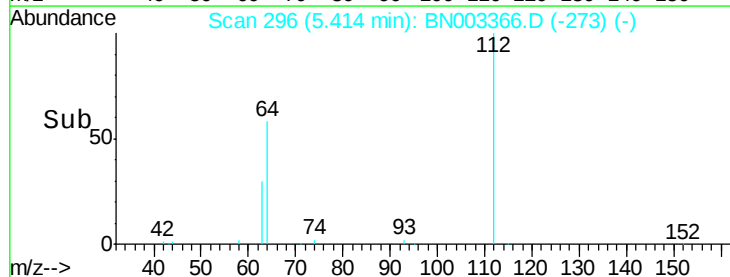
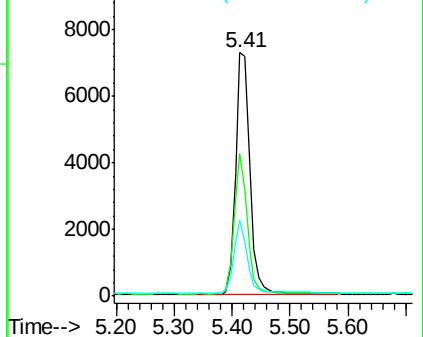
112 100

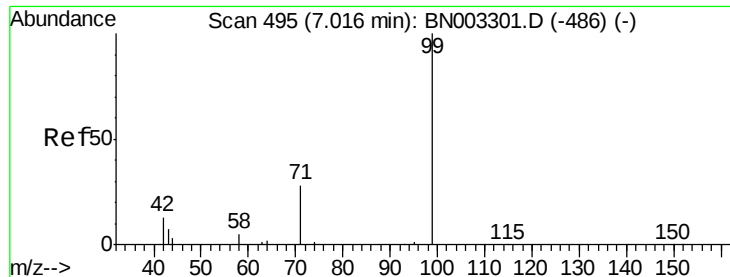
64 53.0 44.3 66.5

63 26.9 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): BNC
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.366 ng

RT: 7.00 min Scan# 493

Delta R.T. -0.02 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

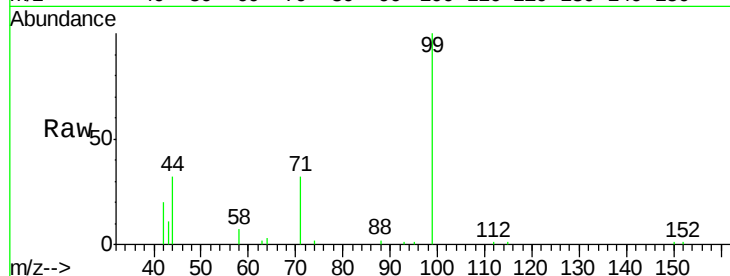
Tgt Ion: 99 Resp: 15521

Ion Ratio Lower Upper

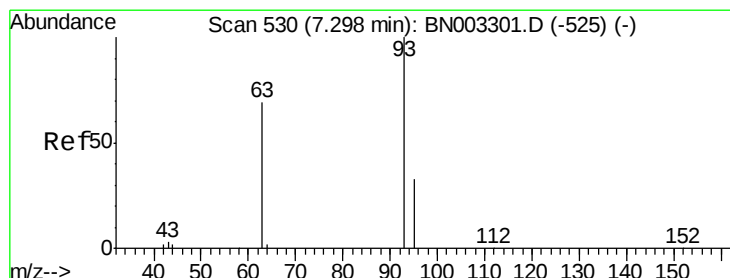
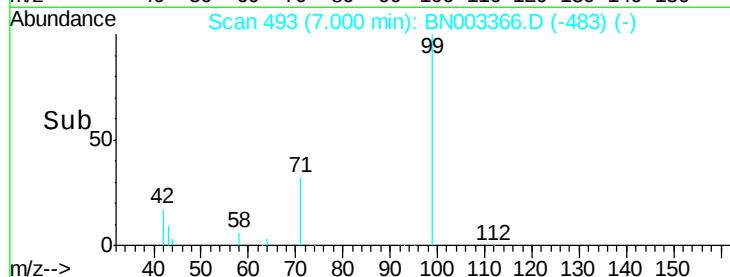
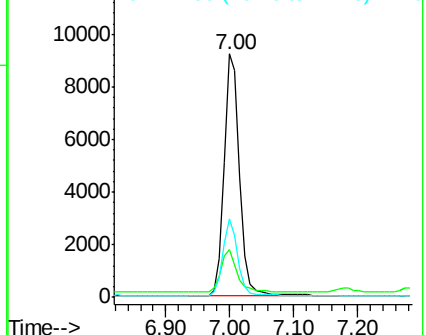
99 100

42 18.2 14.8 22.2

71 30.2 24.8 37.2



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.391 ng

RT: 7.28 min Scan# 528

Delta R.T. -0.02 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

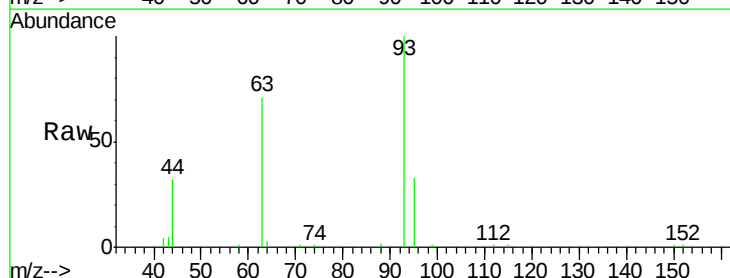
Tgt Ion: 93 Resp: 14801

Ion Ratio Lower Upper

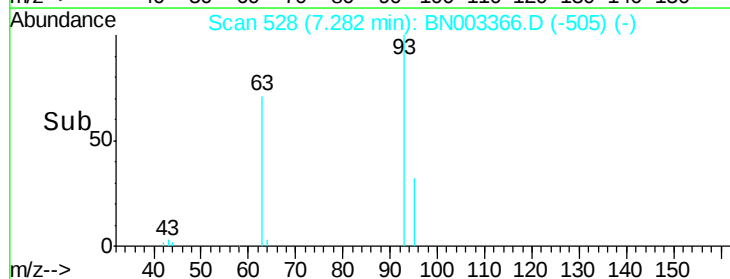
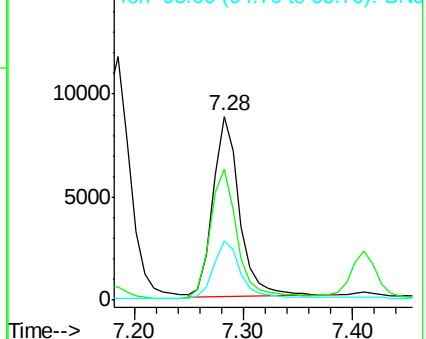
93 100

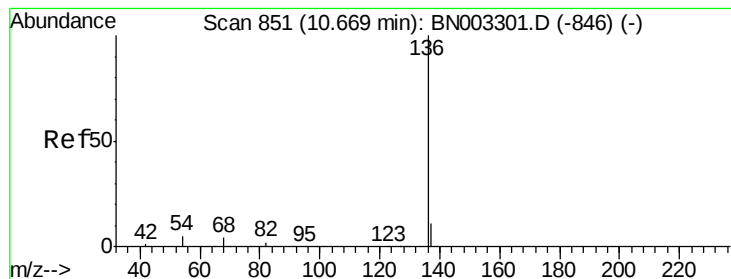
63 72.9 55.8 83.6

95 33.2 25.4 38.2



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 57318

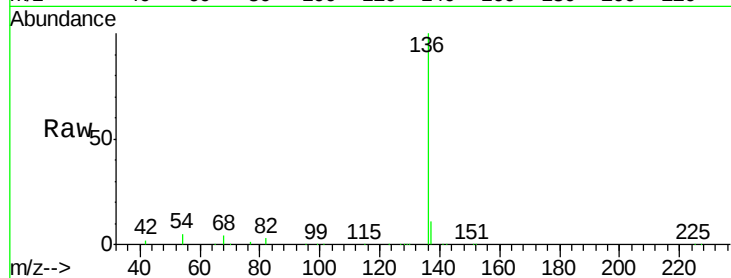
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 4.9 4.1 6.1

68 4.4 3.5 5.3

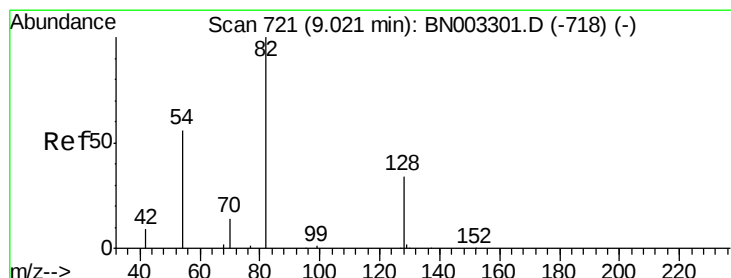
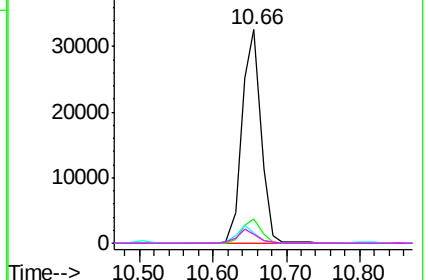
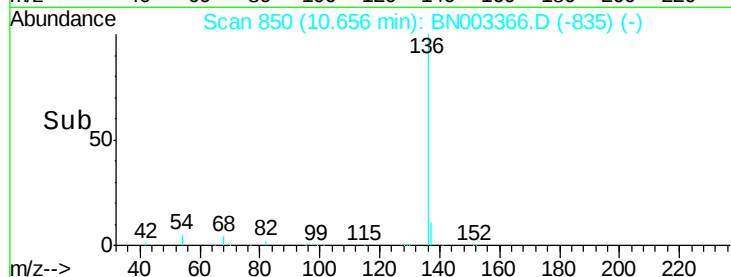


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.488 ng

RT: 9.01 min Scan# 720

Delta R.T. -0.01 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

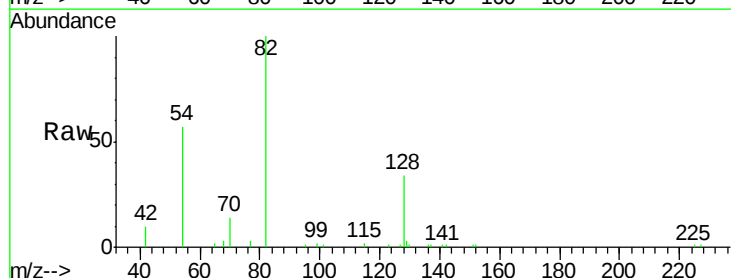
Tgt Ion: 82 Resp: 12241

Ion Ratio Lower Upper

82 100

128 34.5 28.9 43.3

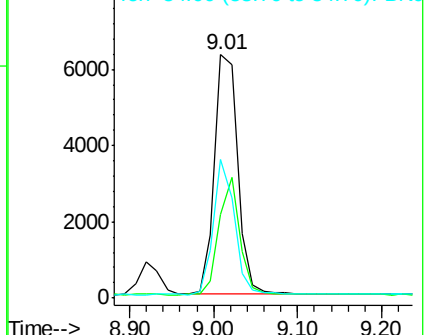
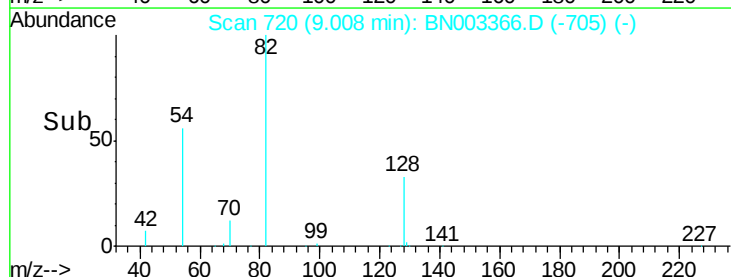
54 56.7 46.1 69.1

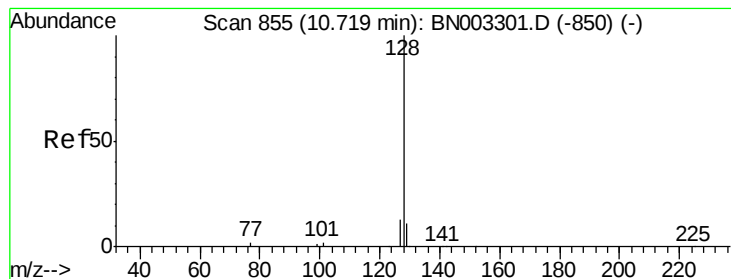


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.389 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

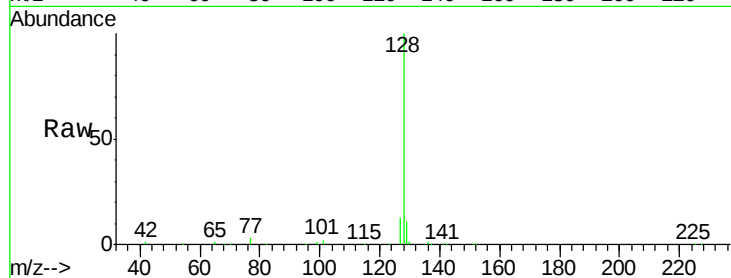
Tgt Ion:128 Resp: 54565

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

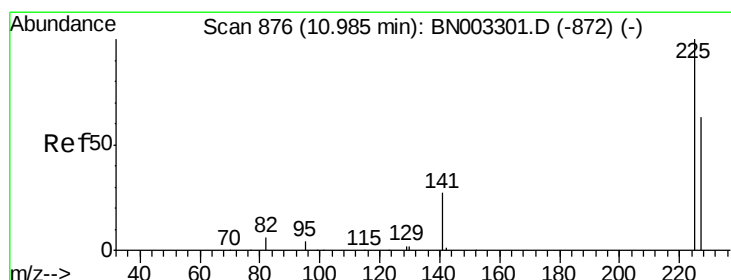
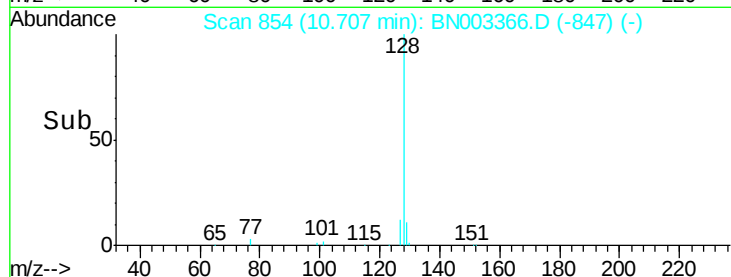
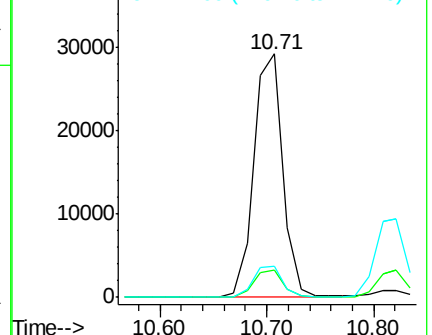
127 12.6 10.2 15.4



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: 0.388 ng

RT: 10.97 min Scan# 875

Delta R.T. -0.01 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

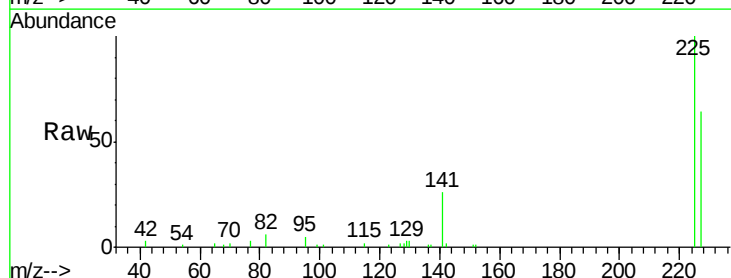
Tgt Ion:225 Resp: 9947

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

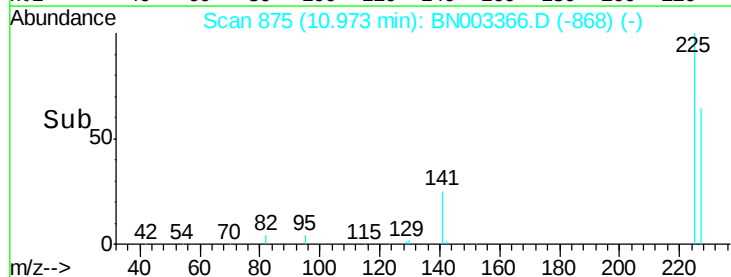
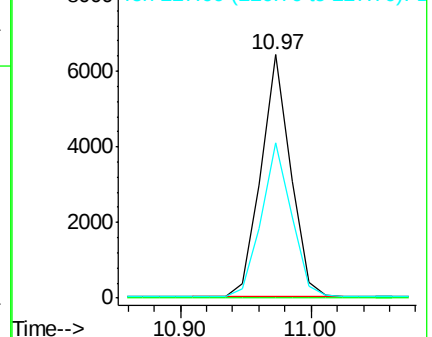
227 64.3 51.3 76.9

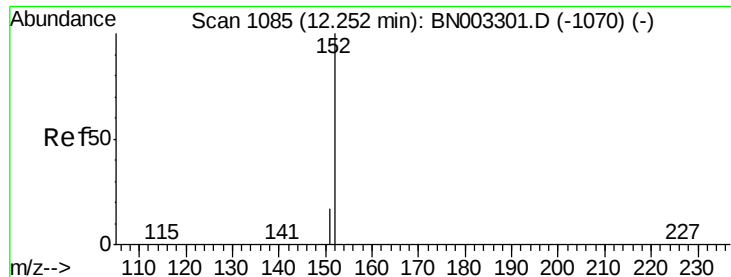


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

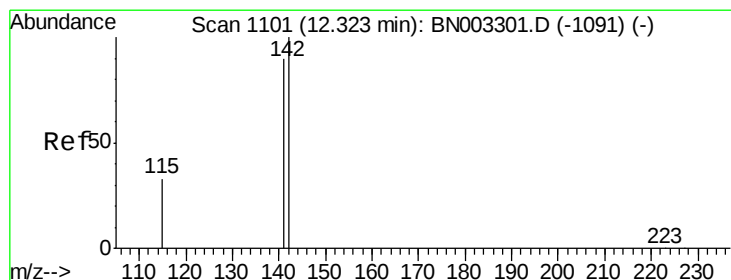
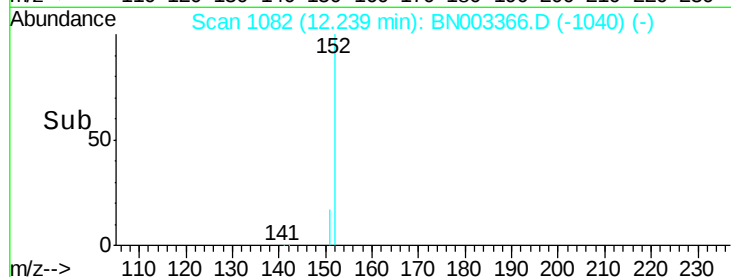
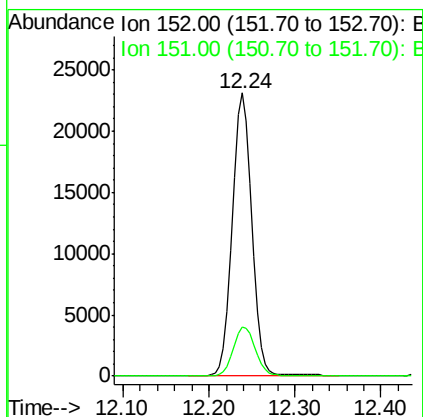
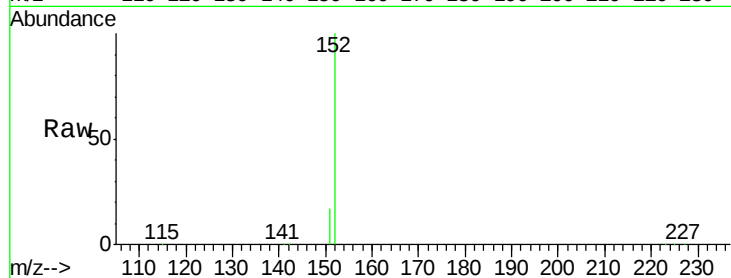




#11
 2-Methylnaphthalene-d10
 Concen: 0.386 ng
 RT: 12.24 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BN003366.D
 Acq: 31 Oct 2018 11:08

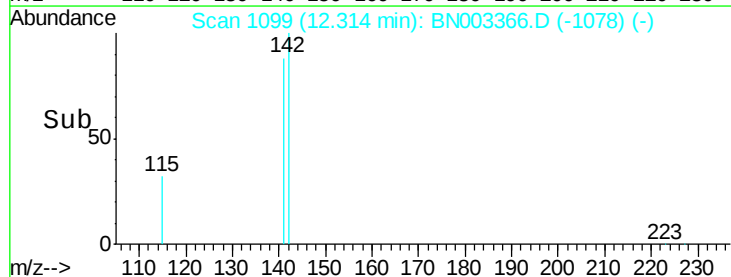
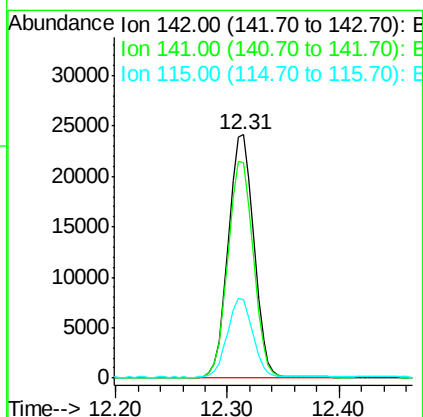
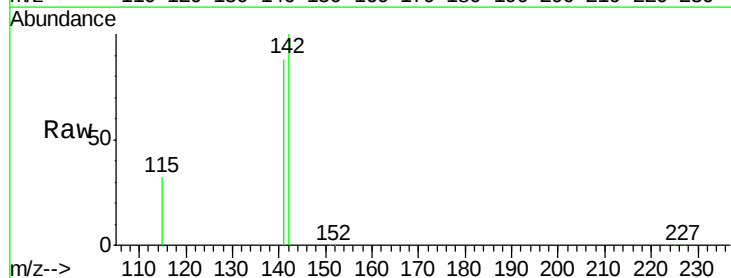
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

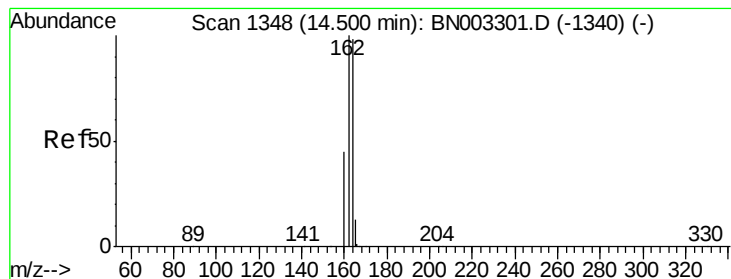
Tgt Ion:152 Resp: 36043
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.387 ng
 RT: 12.31 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BN003366.D
 Acq: 31 Oct 2018 11:08

Tgt Ion:142 Resp: 37908
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.9 107.9
 115 32.0 27.0 40.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

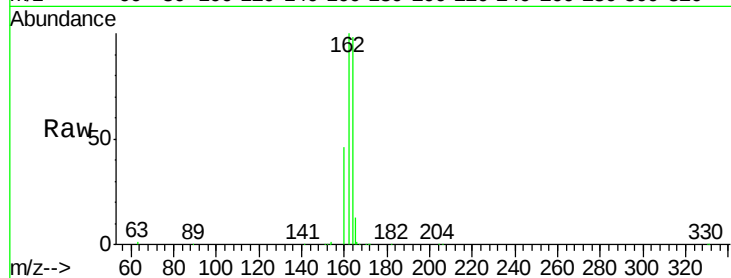
Tgt Ion:164 Resp: 33514

Ion Ratio Lower Upper

164 100

162 102.0 81.8 122.6

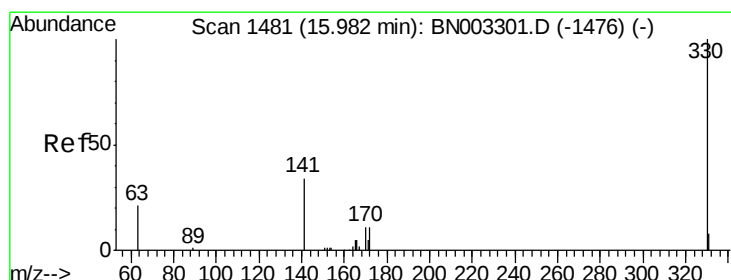
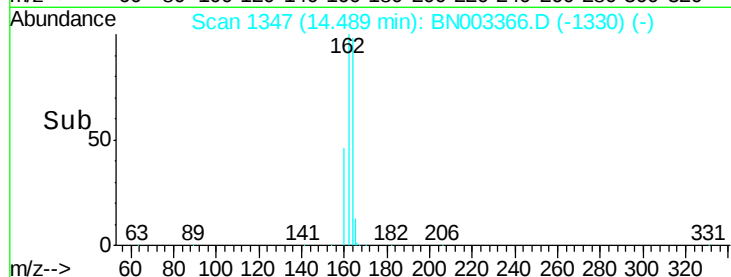
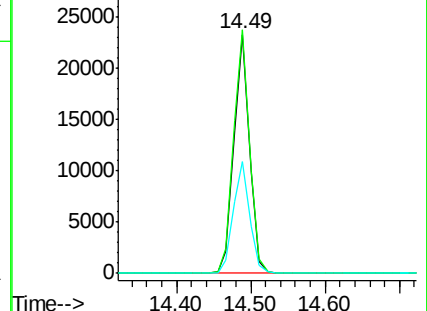
160 46.6 37.2 55.8



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: 0.362 ng

RT: 15.97 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

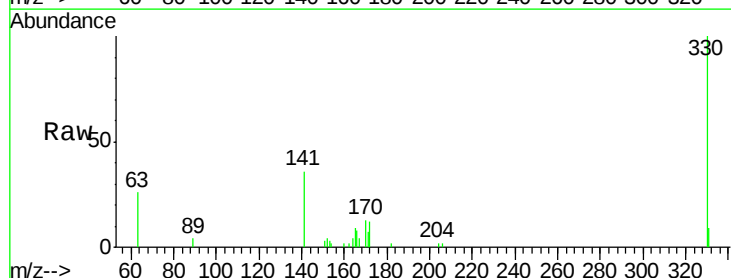
Tgt Ion:330 Resp: 4834

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

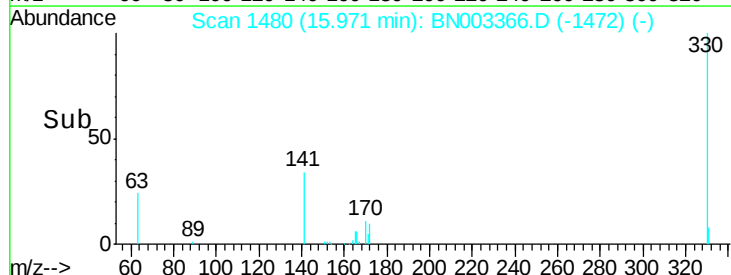
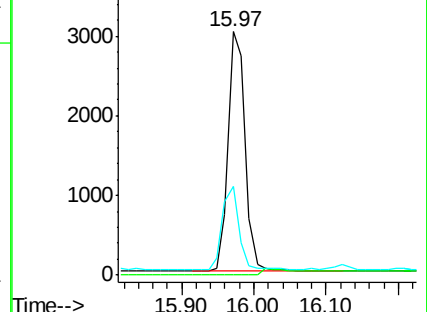
141 33.9 28.3 42.5

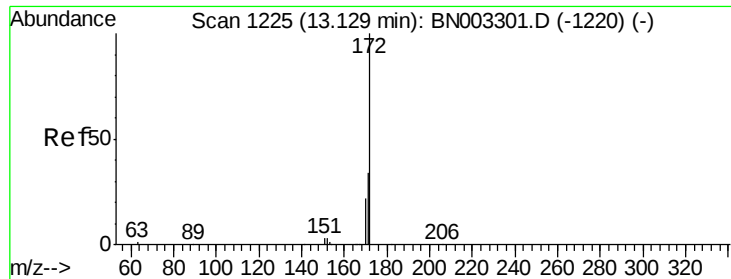


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

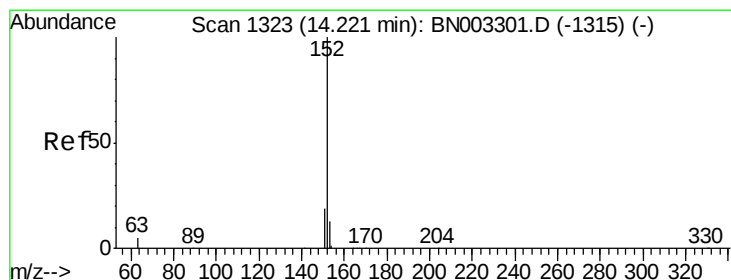
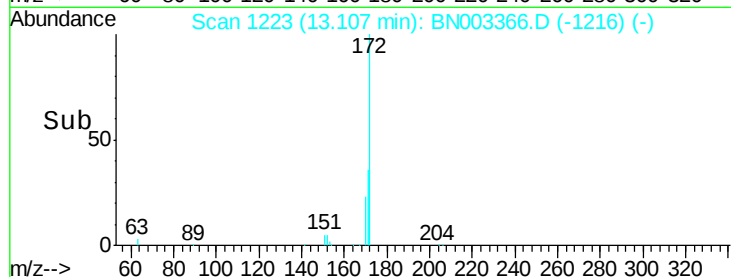
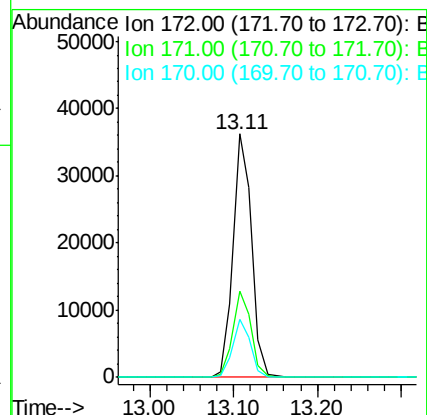
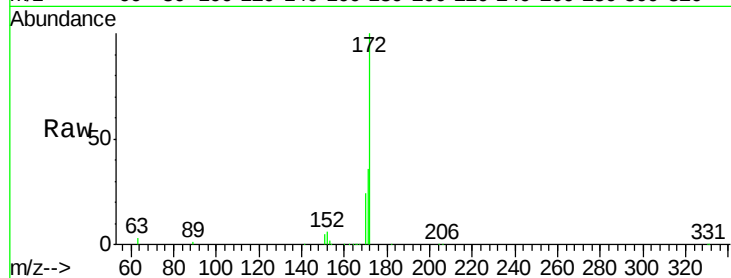




#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.11 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

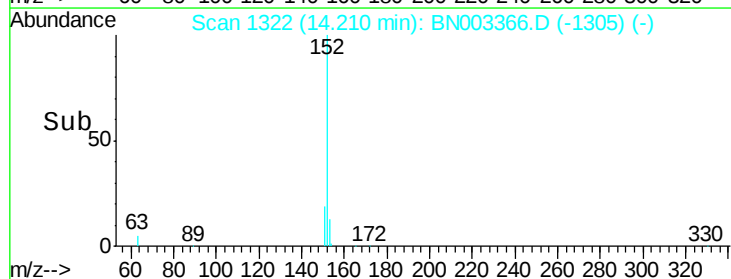
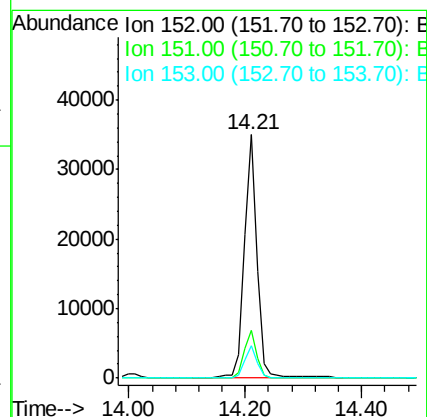
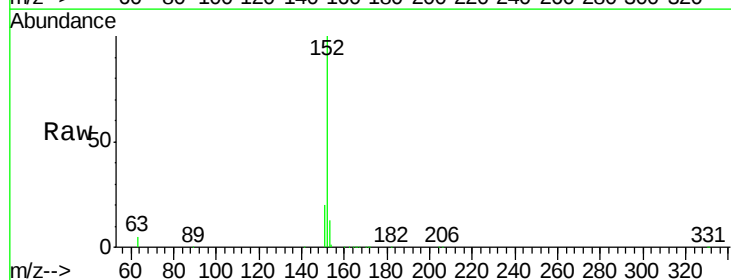
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

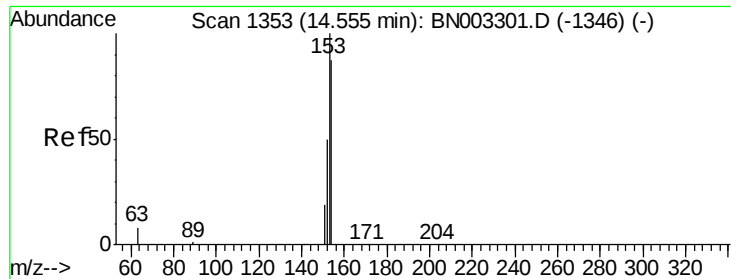
Tgt Ion:172 Resp: 55175
Ion Ratio Lower Upper
172 100
171 35.6 27.1 40.7
170 23.6 17.4 26.0



#16
Acenaphthylene
Concen: 0.355 ng
RT: 14.21 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Tgt Ion:152 Resp: 53106
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 12.9 10.6 15.8





#17

Acenaphthene

Concen: 0.387 ng

RT: 14.54 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

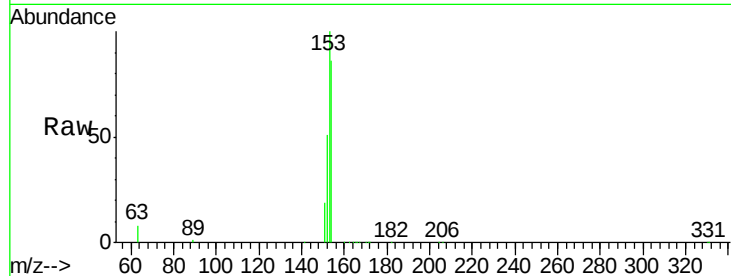
Tgt Ion:154 Resp: 40044

Ion Ratio Lower Upper

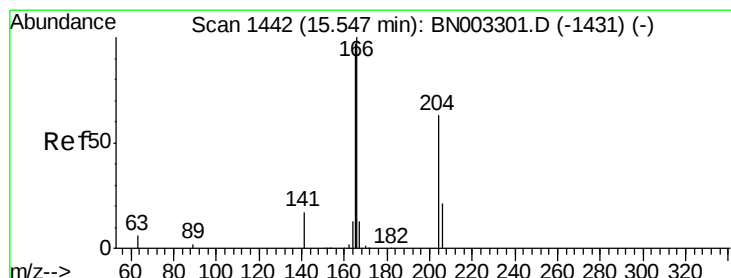
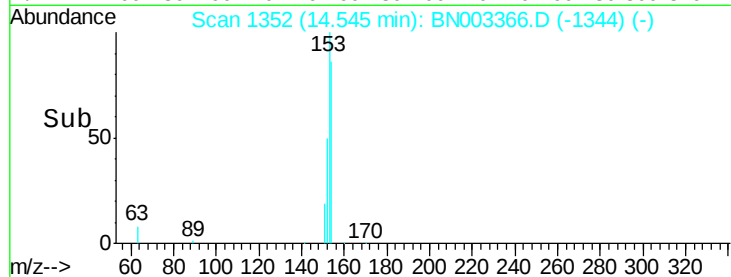
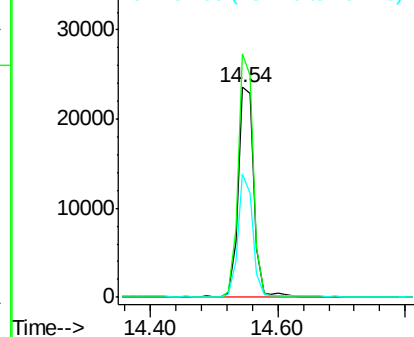
154 100

153 111.2 88.9 133.3

152 54.7 43.5 65.3



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: 0.372 ng

RT: 15.54 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

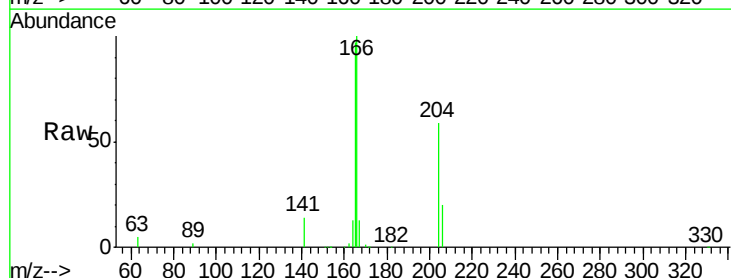
Tgt Ion:166 Resp: 48250

Ion Ratio Lower Upper

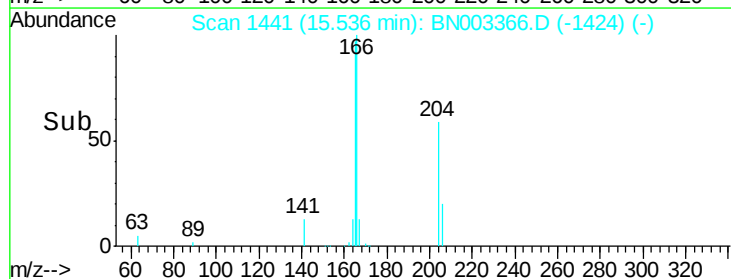
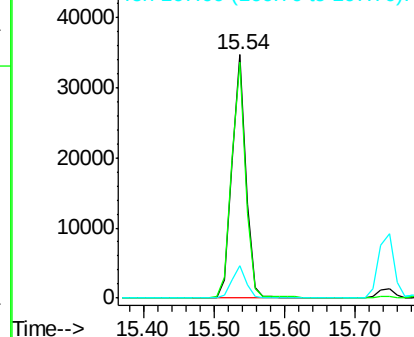
166 100

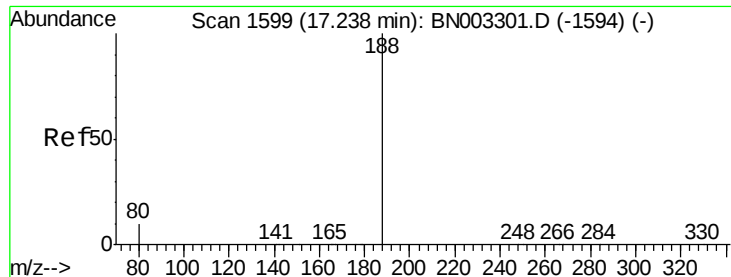
165 97.9 77.8 116.8

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: 17.23 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

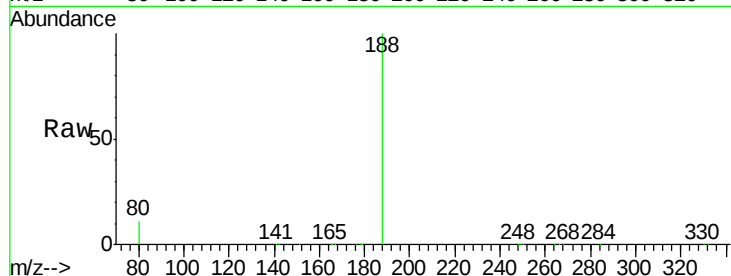
Tgt Ion:188 Resp: 78800

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

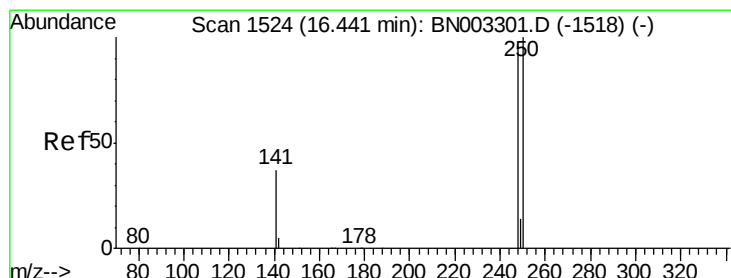
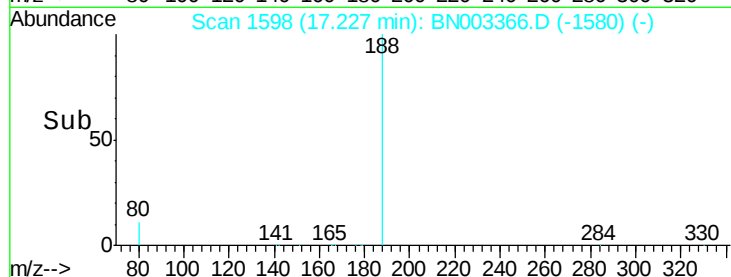
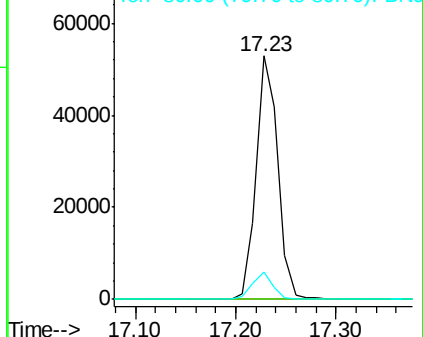
80 11.0 8.6 12.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.386 ng

RT: 16.42 min Scan# 1522

Delta R.T. -0.02 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

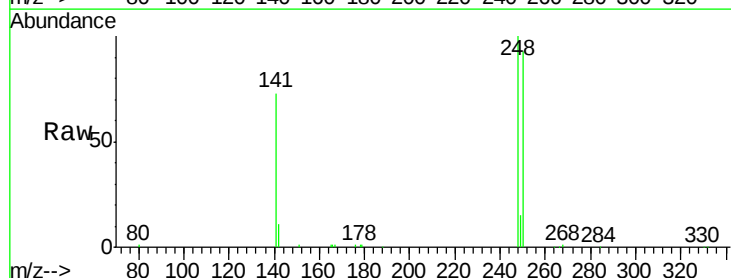
Tgt Ion:248 Resp: 17613

Ion Ratio Lower Upper

248 100

250 93.5 83.7 125.5

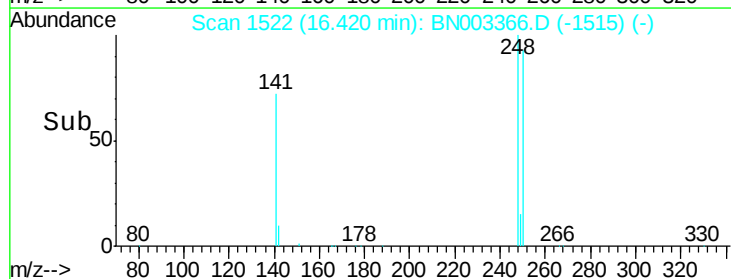
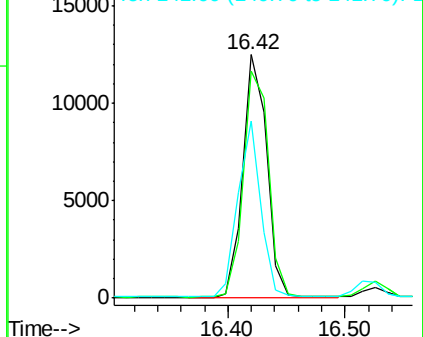
141 72.8 31.4 47.0#

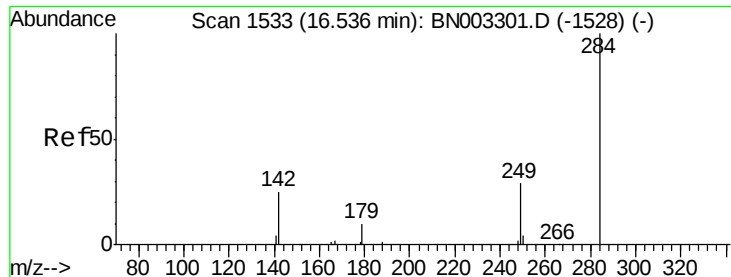


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

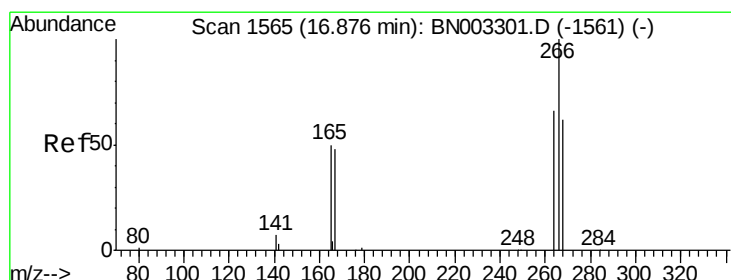
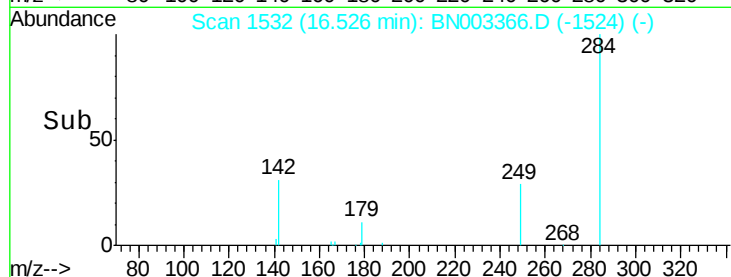
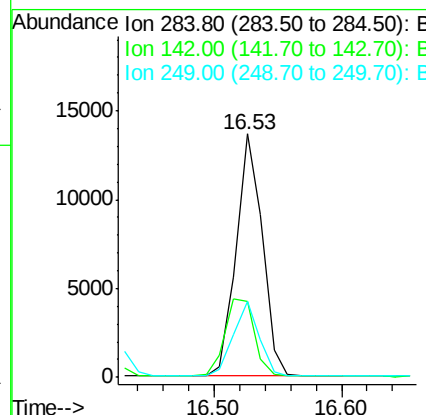
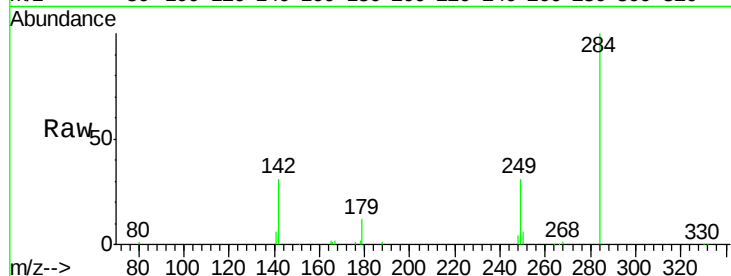




#21
Hexachlorobenzene
Concen: 0.405 ng
RT: 16.53 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

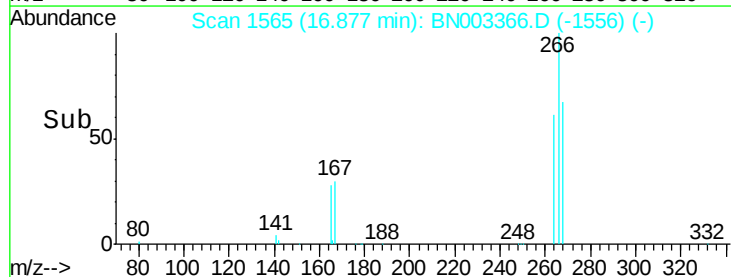
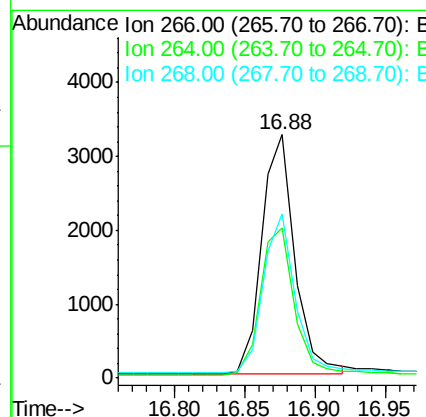
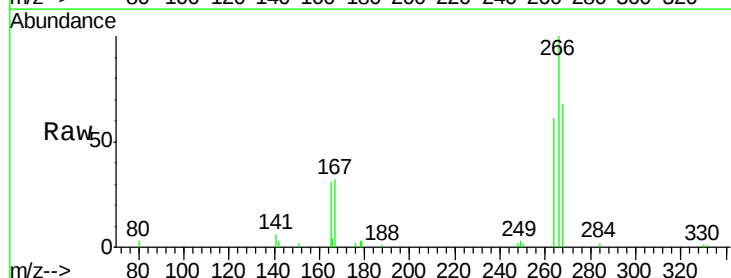
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

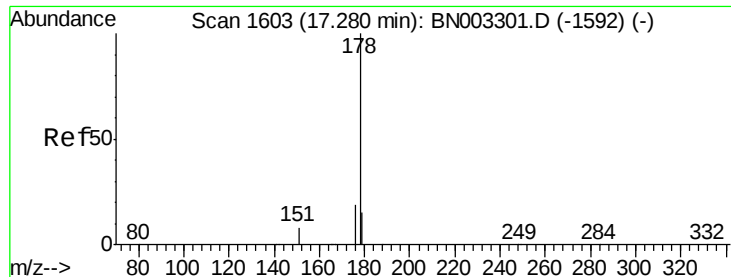
Tgt Ion: 284 Resp: 19472
Ion Ratio Lower Upper
284 100
142 36.2 29.7 44.5
249 30.1 24.0 36.0



#22
Pentachlorophenol
Concen: 0.404 ng
RT: 16.88 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Tgt Ion: 266 Resp: 5264
Ion Ratio Lower Upper
266 100
264 61.4 52.1 78.1
268 67.6 51.8 77.6





#23

Phenanthrene

Concen: 0.388 ng

RT: 17.27 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

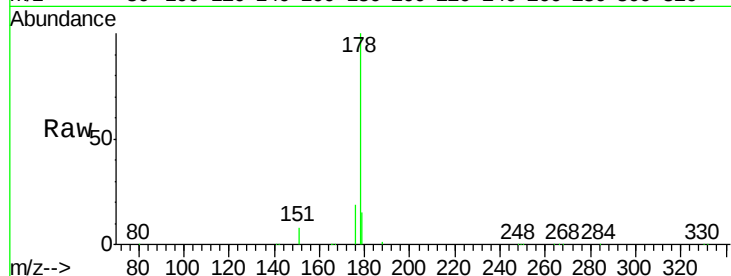
Tgt Ion:178 Resp: 83791

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

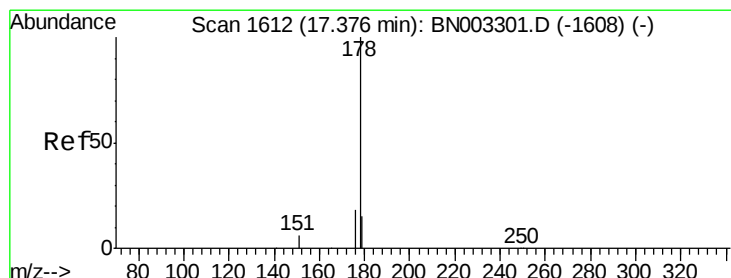
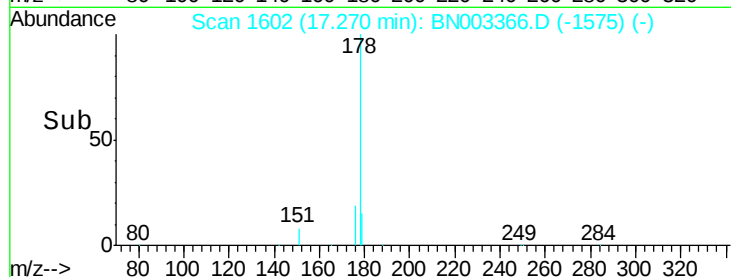
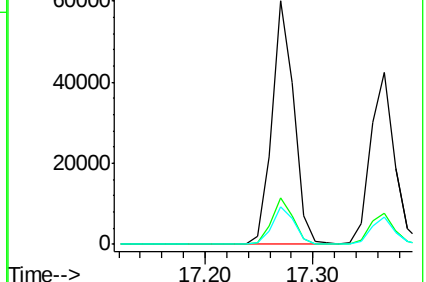
179 15.5 12.4 18.6



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: 0.354 ng

RT: 17.37 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

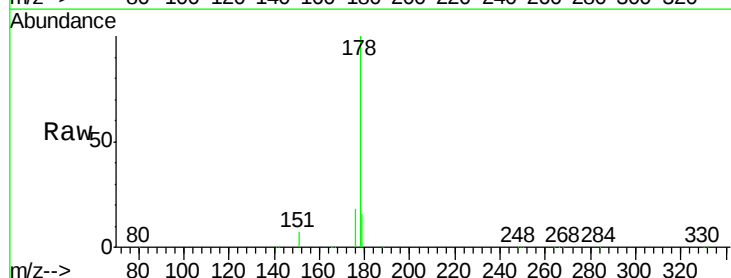
Tgt Ion:178 Resp: 65629

Ion Ratio Lower Upper

178 100

176 18.5 14.5 21.7

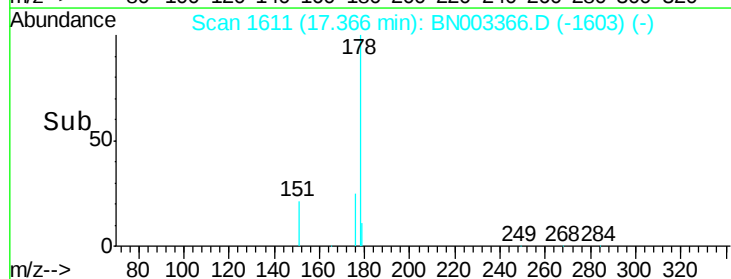
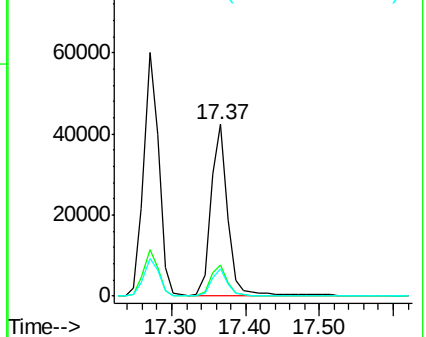
179 15.4 12.2 18.4

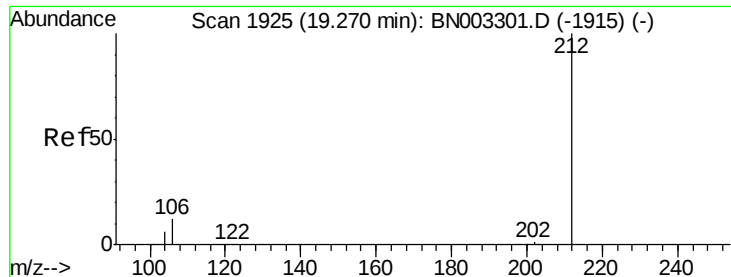


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.358 ng

RT: 19.26 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

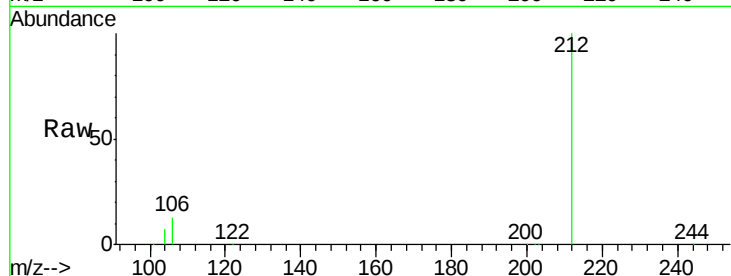
Tgt Ion:212 Resp: 81947

Ion Ratio Lower Upper

212 100

106 12.9 10.3 15.5

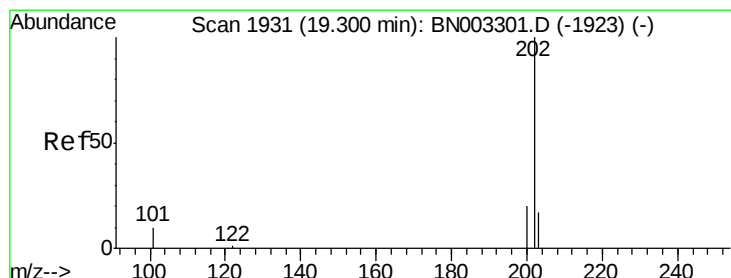
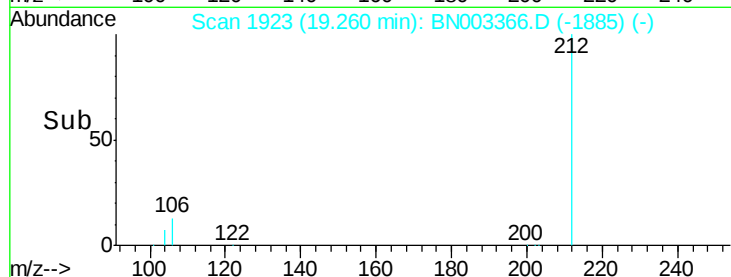
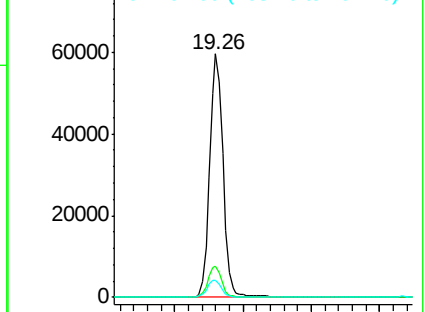
104 7.1 5.6 8.4



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: 0.362 ng

RT: 19.29 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

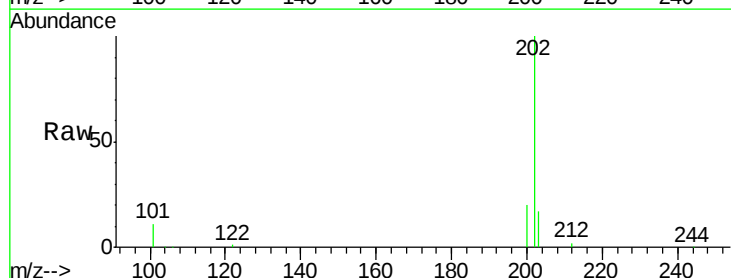
Tgt Ion:202 Resp: 89811

Ion Ratio Lower Upper

202 100

101 11.1 9.0 13.4

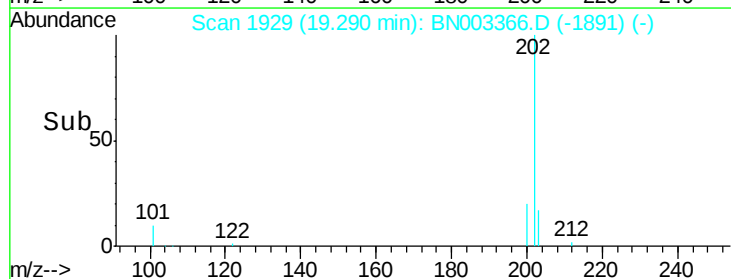
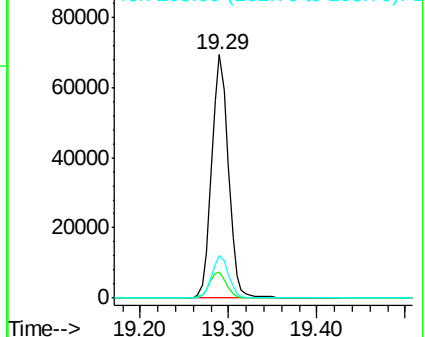
203 17.2 13.8 20.6

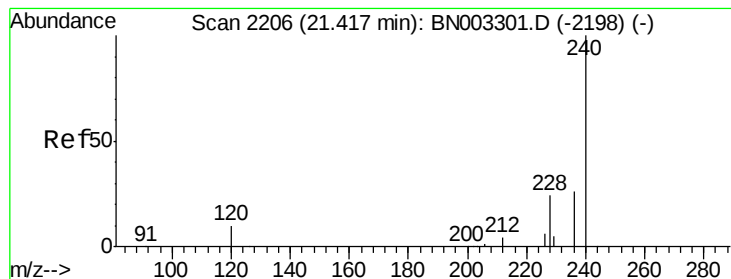


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.41 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

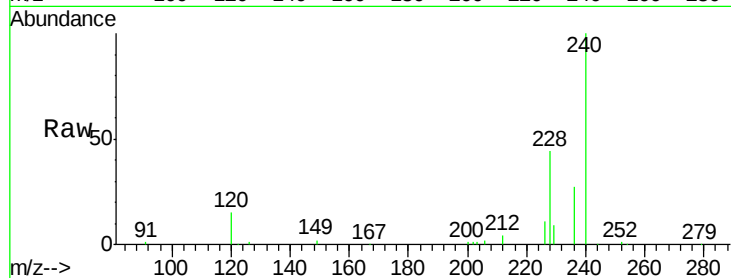
Tgt Ion:240 Resp: 81392

Ion Ratio Lower Upper

240 100

120 15.1 9.3 13.9#

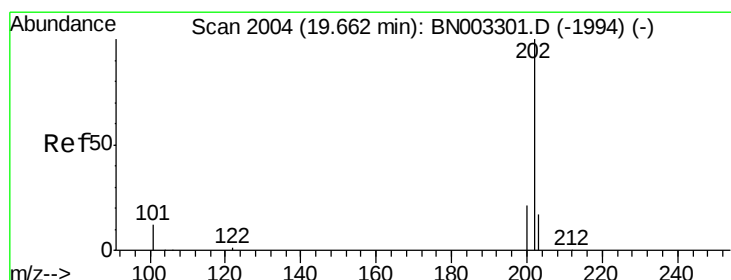
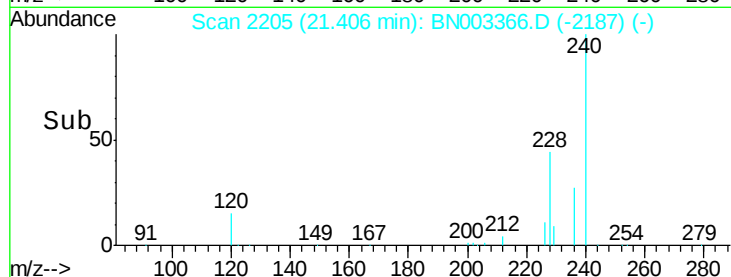
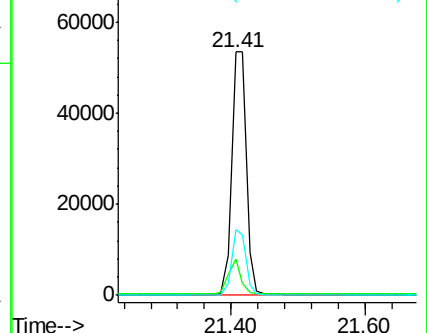
236 27.1 21.0 31.4



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: 0.404 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

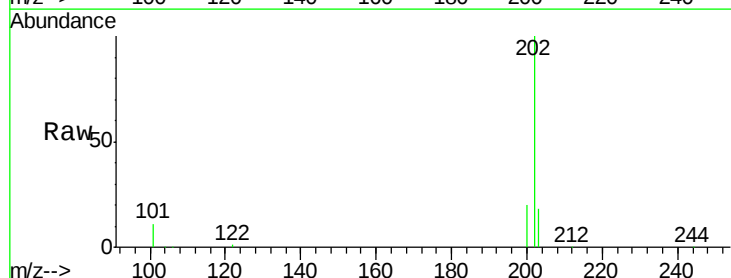
Tgt Ion:202 Resp: 91003

Ion Ratio Lower Upper

202 100

200 20.5 16.5 24.7

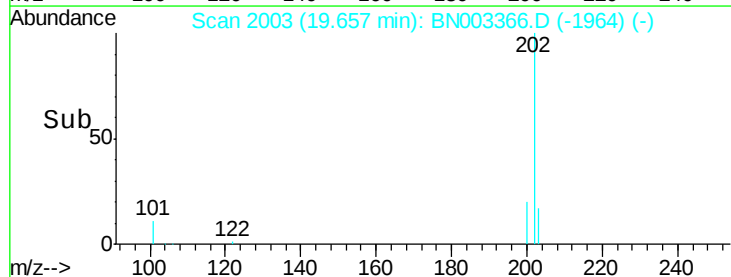
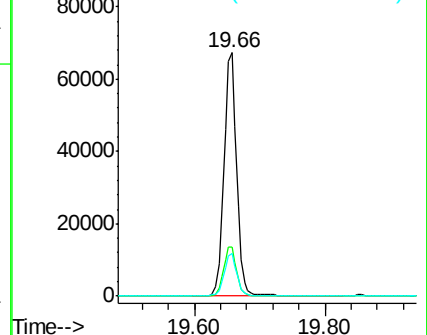
203 17.5 13.9 20.9

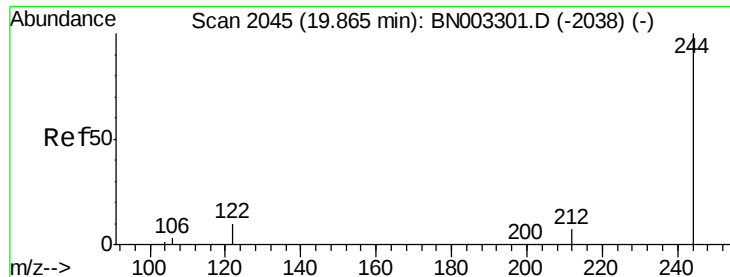


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.398 ng

RT: 19.86 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

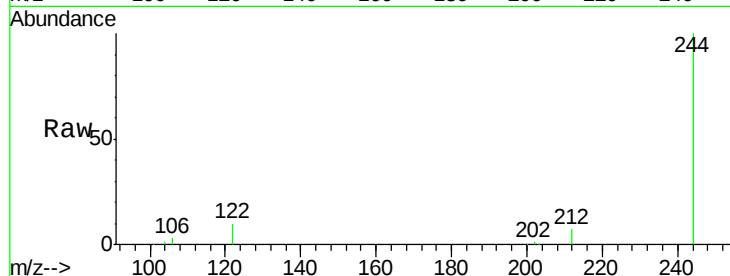
Tgt Ion:244 Resp: 75337

Ion Ratio Lower Upper

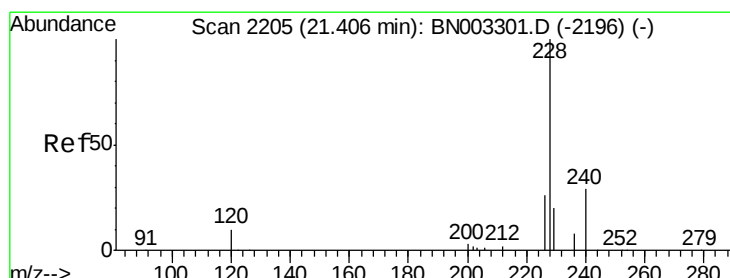
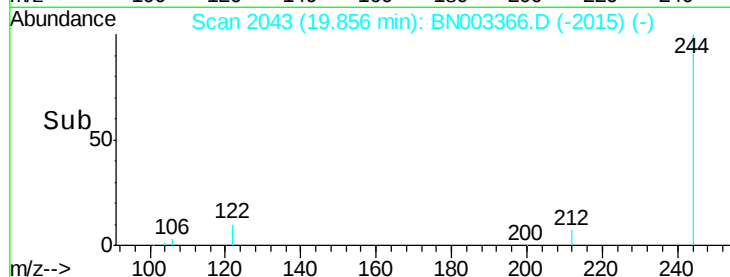
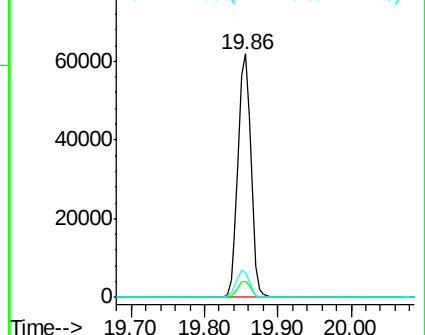
244 100

212 6.7 5.6 8.4

122 10.2 8.5 12.7



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: 0.345 ng

RT: 21.40 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

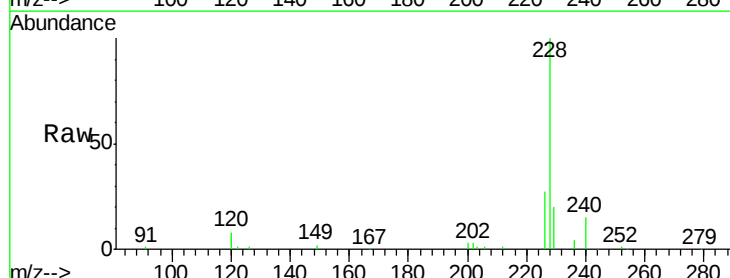
Tgt Ion:228 Resp: 73567

Ion Ratio Lower Upper

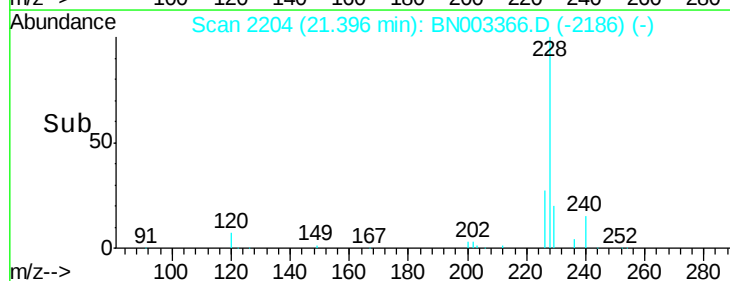
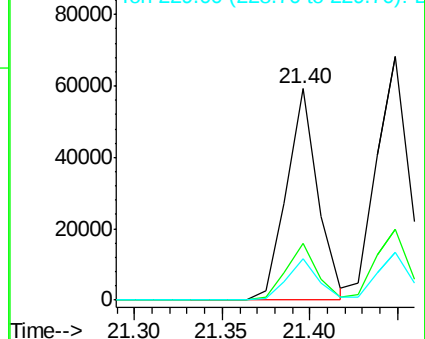
228 100

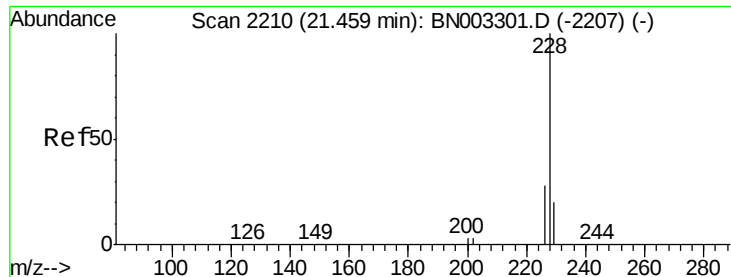
226 26.8 20.8 31.2

229 19.6 16.1 24.1



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: 0.382 ng

RT: 21.45 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

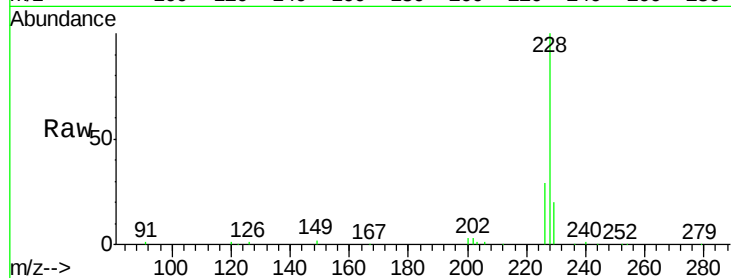
Tgt Ion:228 Resp: 87831

Ion Ratio Lower Upper

228 100

226 29.2 22.7 34.1

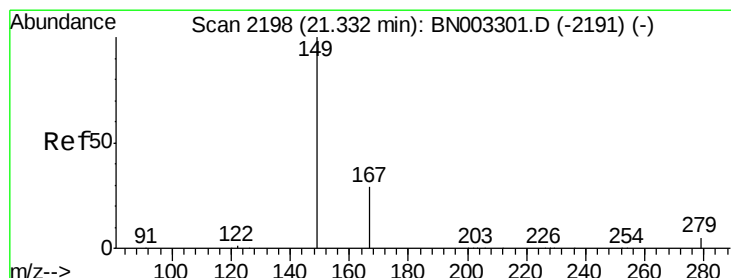
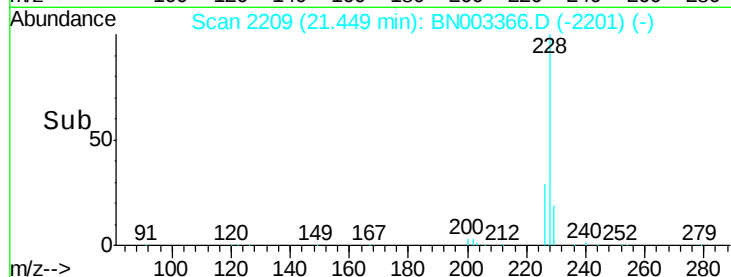
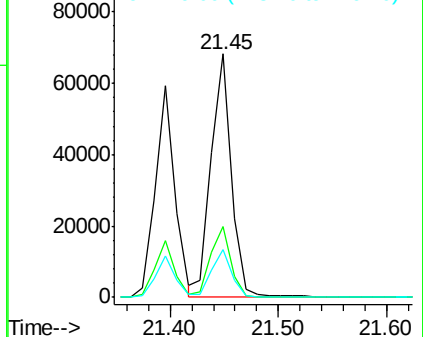
229 19.6 16.0 24.0



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: 0.355 ng

RT: 21.31 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

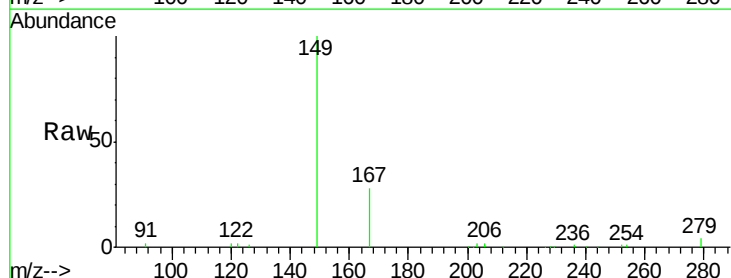
Tgt Ion:149 Resp: 22402

Ion Ratio Lower Upper

149 100

167 28.3 22.4 33.6

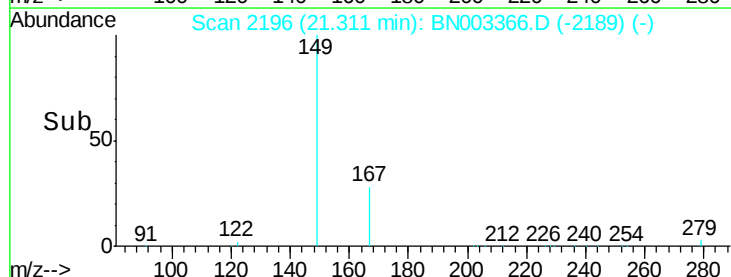
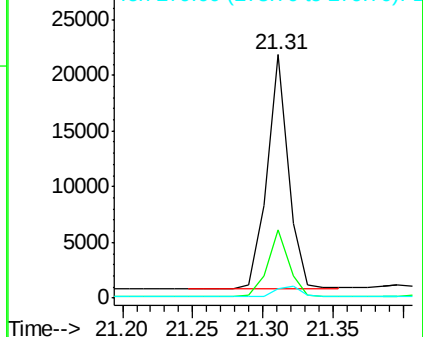
279 4.9 3.9 5.9

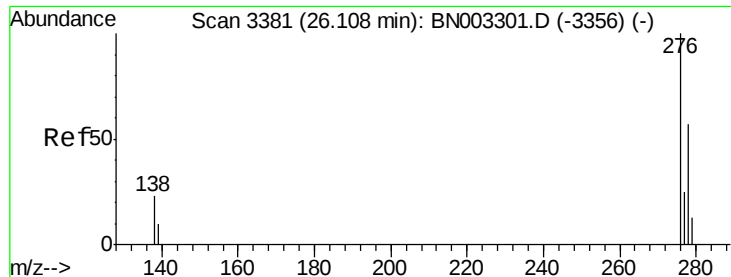


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.313 ng

RT: 26.08 min Scan# 3373

Delta R.T. -0.03 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

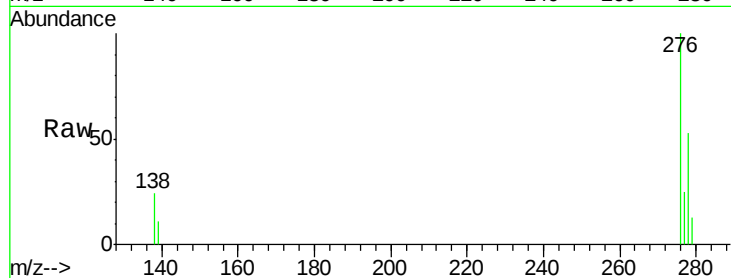
Tgt Ion:276 Resp: 74472

Ion Ratio Lower Upper

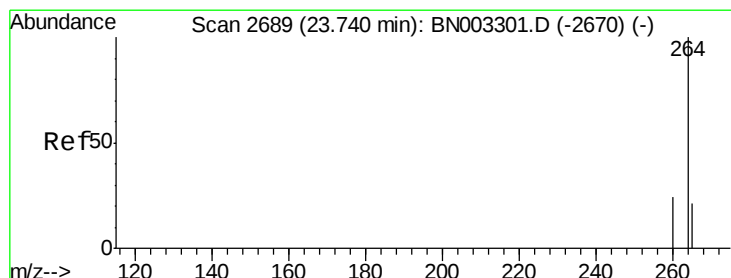
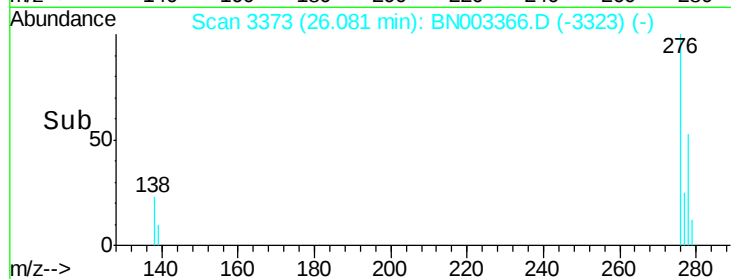
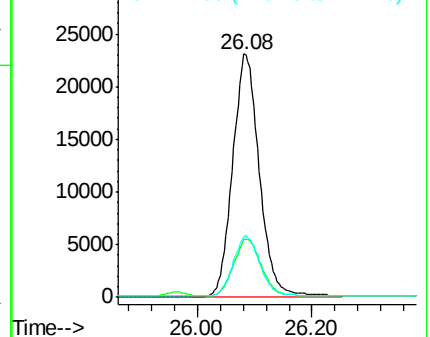
276 100

138 24.5 20.6 30.8

277 25.2 20.0 30.0



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: 23.73 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

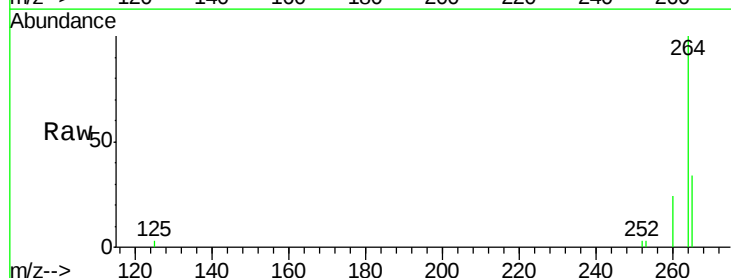
Tgt Ion:264 Resp: 65747

Ion Ratio Lower Upper

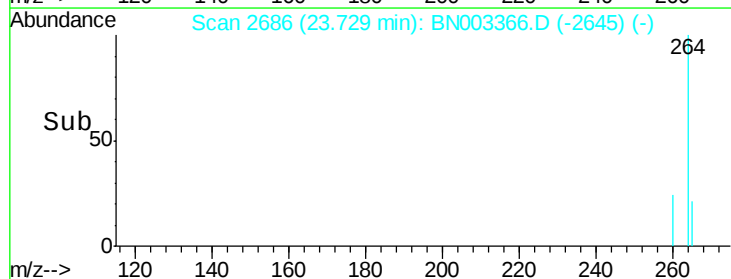
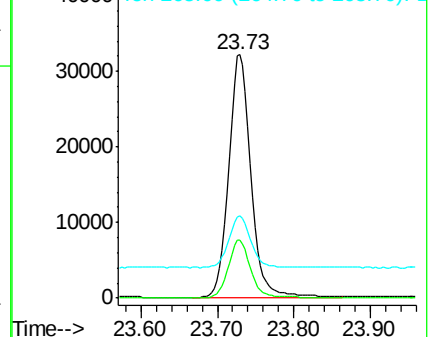
264 100

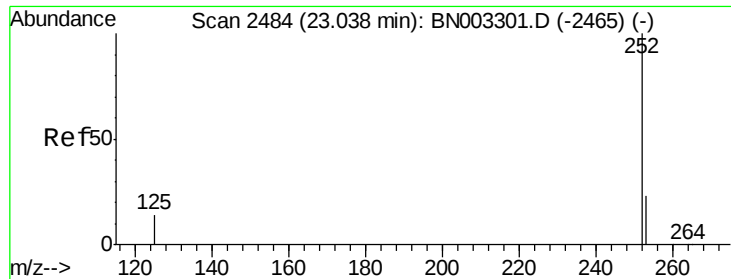
260 23.7 19.1 28.7

265 33.8 26.4 39.6



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: 0.411 ng

RT: 23.02 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

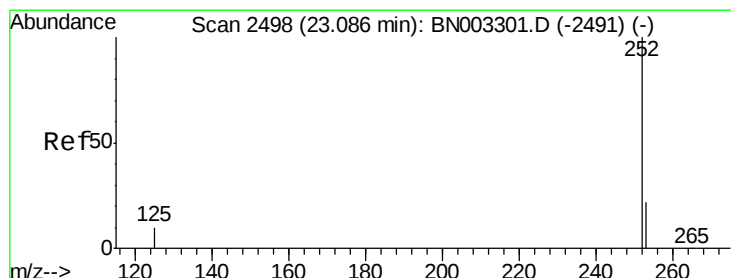
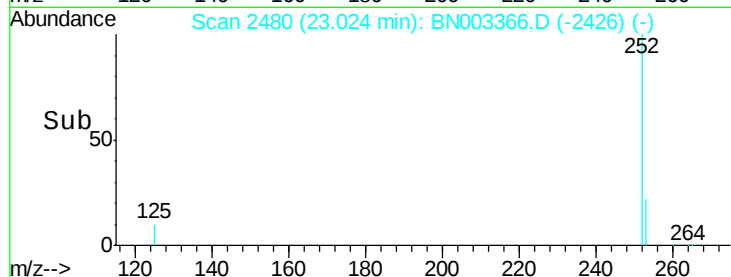
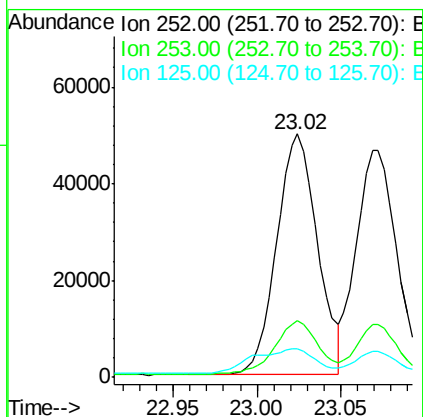
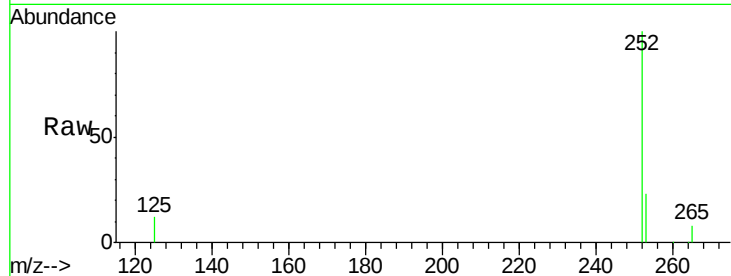
Tgt Ion:252 Resp: 84368

Ion Ratio Lower Upper

252 100

253 23.3 19.3 28.9

125 11.5 12.7 19.1#



#36

Benzo(k)fluoranthene

Concen: 0.388 ng

RT: 23.07 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

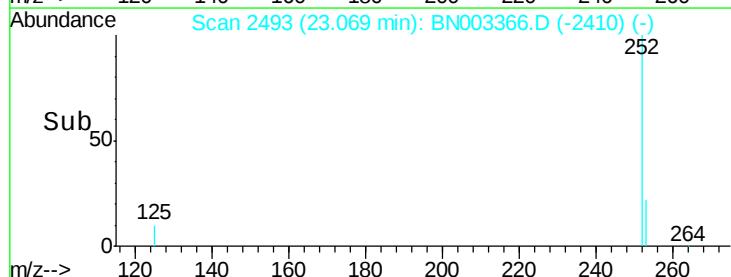
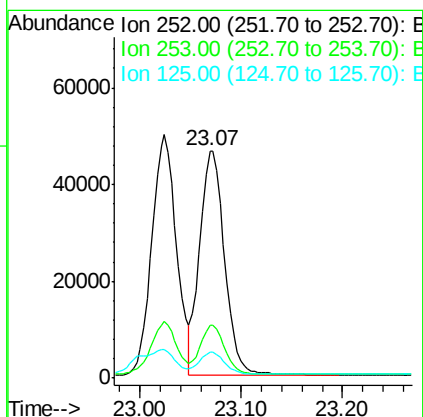
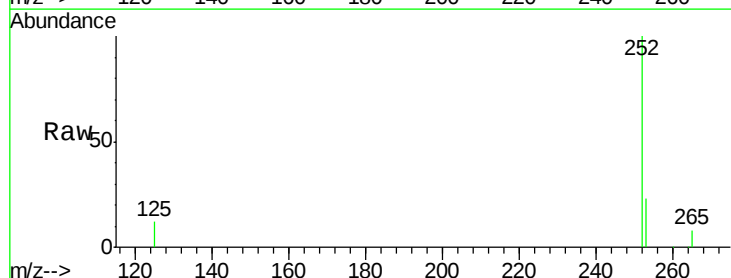
Tgt Ion:252 Resp: 78874

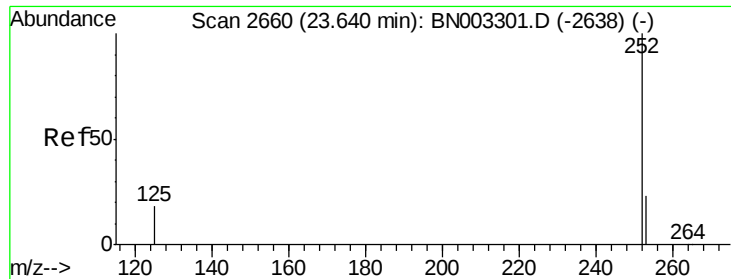
Ion Ratio Lower Upper

252 100

253 23.0 18.5 27.7

125 11.6 9.1 13.7





#37

Benzo(a)pyrene

Concen: 0.390 ng

RT: 23.62 min Scan# 2655

Delta R.T. -0.02 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

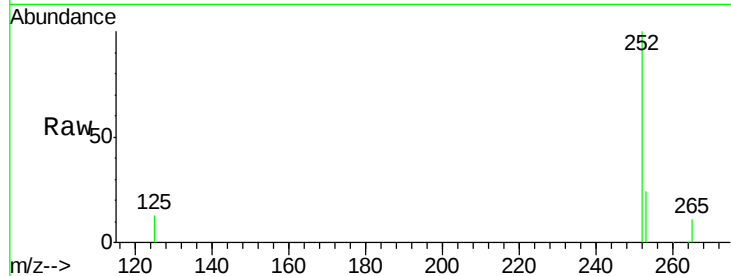
Tgt Ion:252 Resp: 72785

Ion Ratio Lower Upper

252 100

253 23.5 20.1 30.1

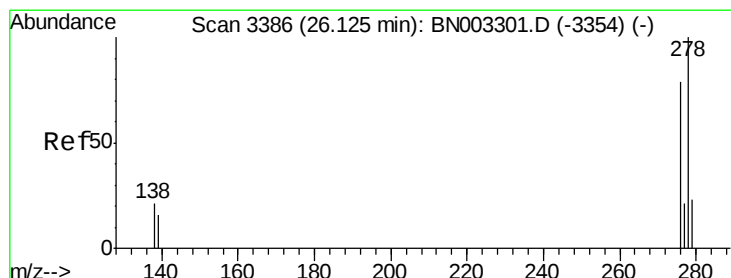
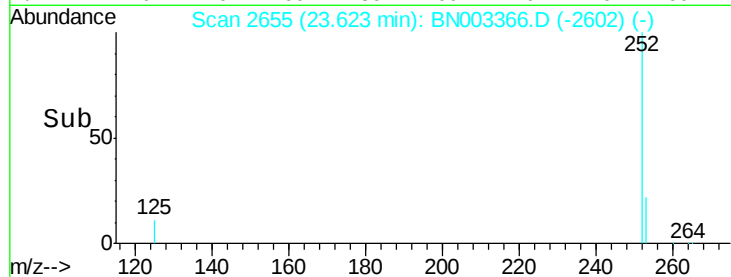
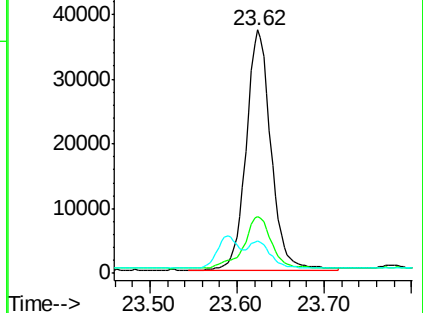
125 13.2 16.0 24.0#



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: 0.357 ng

RT: 26.10 min Scan# 3379

Delta R.T. -0.02 min

Lab File: BN003366.D

Acq: 31 Oct 2018 11:08

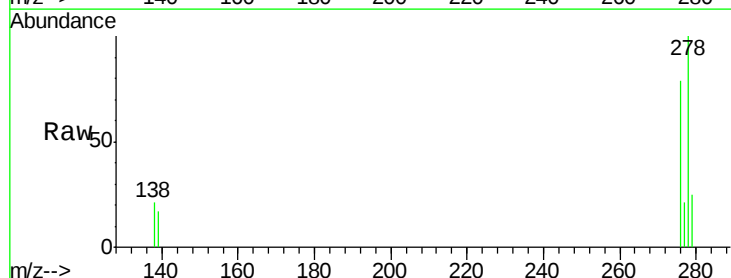
Tgt Ion:278 Resp: 62166

Ion Ratio Lower Upper

278 100

139 16.8 13.5 20.3

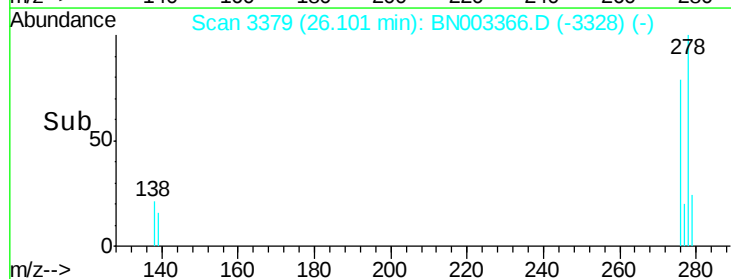
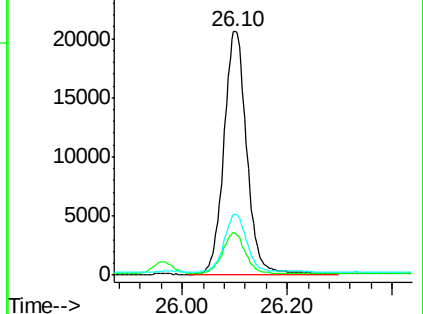
279 24.9 19.8 29.6

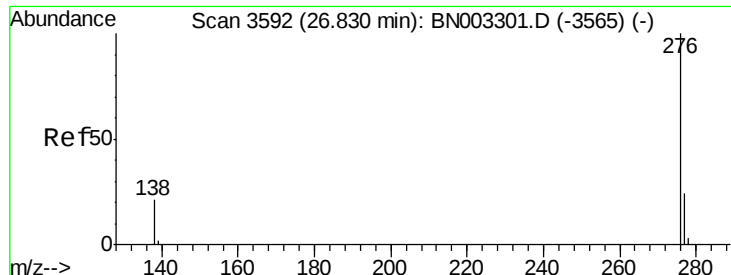


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.348 ng

RT: 26.81 min Scan# 3586

Delta R.T. -0.02 min

Lab File: BN003366.D

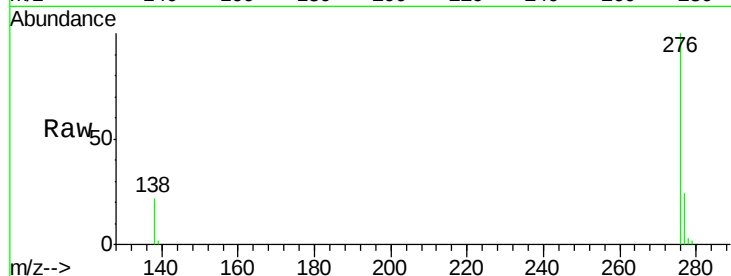
Acq: 31 Oct 2018 11:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4



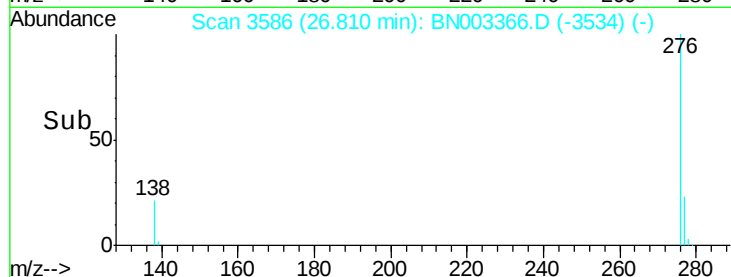
Tgt Ion: 276 Resp: 60494

Ion Ratio Lower Upper

276 100

277 24.0 19.5 29.3

138 21.7 17.4 26.2



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

