

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN103018\
 Data File : BN003360.D
 Acq On : 30 Oct 2018 16:15
 Operator : MJ/SJ
 Sample : J5692-11MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FT-PZ459I-20181025MS

Quant Time: Oct 30 18:14:49 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	7.86	152	17574	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	73934	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	43382	0.40	ng	-0.01
19) Phenanthrene-d10	17.23	188	89736	0.40	ng	-0.01
27) Chrysene-d12	21.42	240	68911	0.40	ng	0.00
34) Perylene-d12	23.73	264	62722	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.42	112	6035	0.14	ng	0.00
5) Phenol-d6	7.01	99	4508	0.08	ng	0.00
8) Nitrobenzene-d5	9.01	82	13225	0.41	ng	-0.01
11) 2-Methylnaphthalene-d10	12.24	152	35978	0.30	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	4959	0.29	ng	-0.01
15) 2-Fluorobiphenyl	13.11	172	60943	0.33	ng	-0.02
25) Fluoranthene-d10	19.26	212	66133	0.25	ng	-0.01
29) Terphenyl-d14	19.86	244	67200	0.42	ng	-0.01

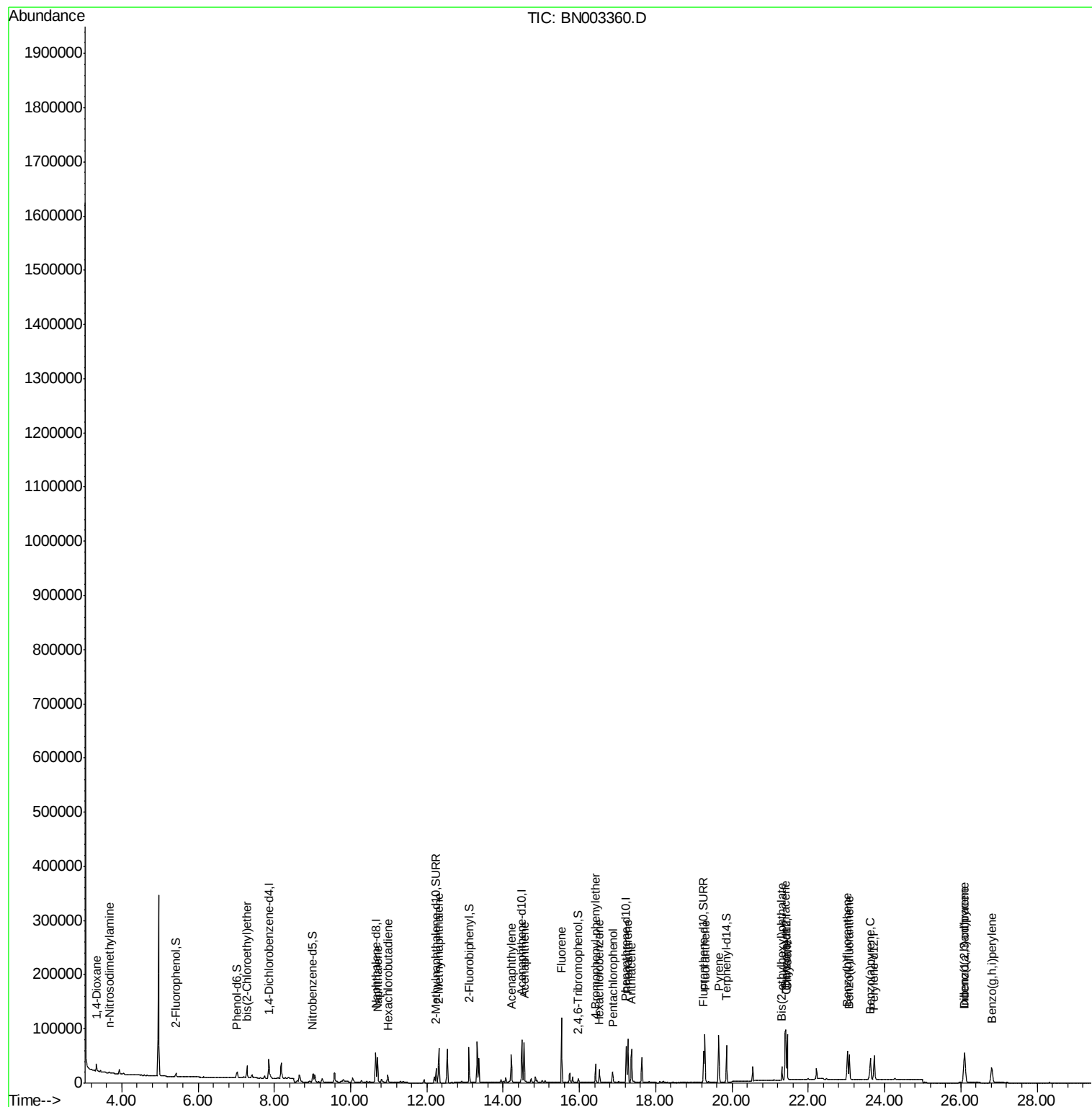
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	7677	0.337	ng	# 83
3) n-Nitrosodimethylamine	3.67	42	1540	0.147	ng	# 85
6) bis(2-Chloroethyl)ether	7.28	93	16546	0.337	ng	98
9) Naphthalene	10.71	128	62796	0.347	ng	100
10) Hexachlorobutadiene	10.97	225	9839	0.298	ng	# 99
12) 2-Methylnaphthalene	12.31	142	44560	0.353	ng	97
16) Acenaphthylene	14.21	152	57389	0.297	ng	100
17) Acenaphthene	14.56	154	42220	0.315	ng	98
18) Fluorene	15.54	166	51360	0.306	ng	100
20) 4-Bromophenyl-phenylether	16.42	248	16598	0.319	ng	# 75
21) Hexachlorobenzene	16.53	284	17280	0.315	ng	99
22) Pentachlorophenol	16.88	266	10247	0.690	ng	97
23) Phenanthrene	17.27	178	81002	0.329	ng	100
24) Anthracene	17.37	178	67708	0.321	ng	99
26) Fluoranthene	19.29	202	79112	0.280	ng	100
28) Pyrene	19.65	202	78241	0.411	ng	99
30) Benzo(a)anthracene	21.40	228	63436	0.351	ng	98
31) Chrysene	21.45	228	64391	0.331	ng	99
32) Bis(2-ethylhexyl)phthalate	21.31	149	21850	0.409	ng	100
33) Indeno(1,2,3-cd)pyrene	26.09	276	69711	0.346	ng	99
35) Benzo(b)fluoranthene	23.03	252	67847	0.347	ng	# 96
36) Benzo(k)fluoranthene	23.08	252	62390	0.322	ng	99
37) Benzo(a)pyrene	23.63	252	60264	0.338	ng	# 94
38) Dibenzo(a,h)anthracene	26.11	278	58432	0.352	ng	100
39) Benzo(g,h,i)perylene	26.81	276	60204	0.363	ng	100

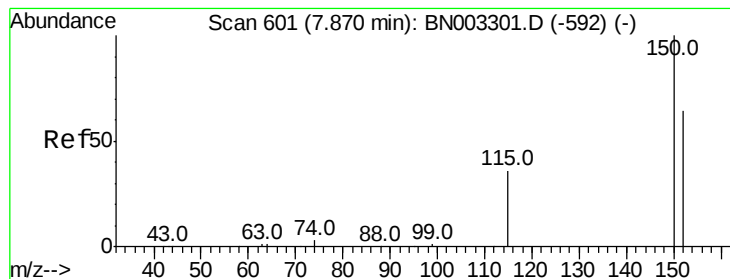
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 600

Delta R.T. -0.01 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

Instrument :

BNA_N

ClientSampleId :

FT-PZ459I-20181025MS

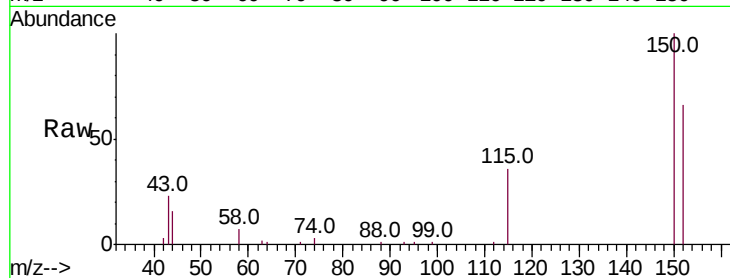
Tot Ion:152 Resp: 17574

Ion Ratio Lower Upper

152 100

150 152.5 124.6 187.0

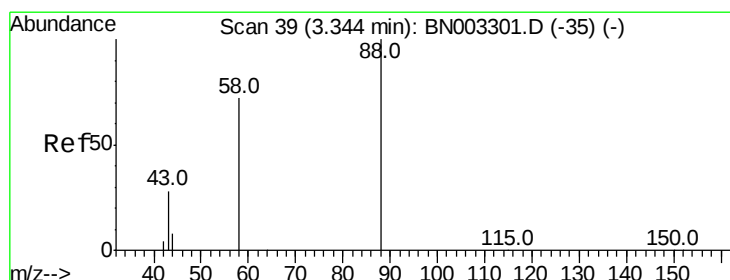
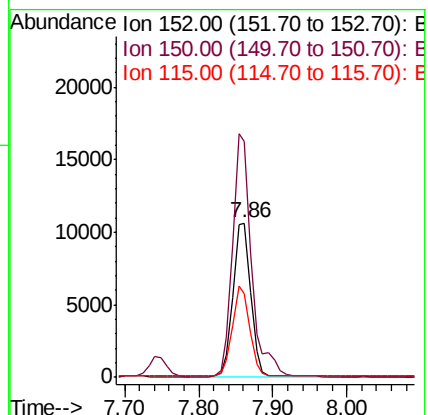
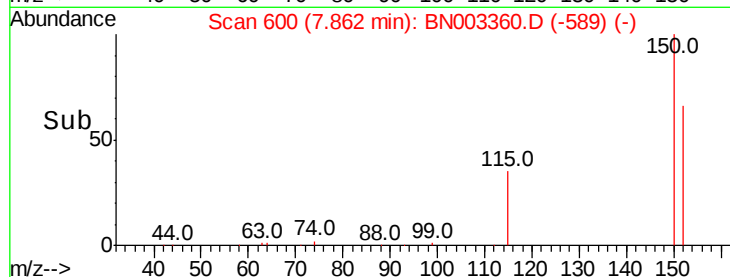
115 54.5 46.4 69.6



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: 0.337 ng

RT: 3.34 min Scan# 38

Delta R.T. -0.01 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

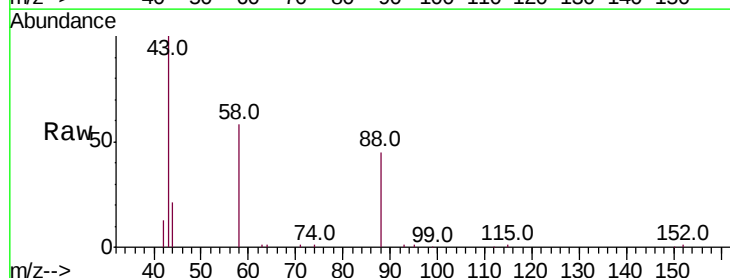
Tgt Ion: 88 Resp: 7677

Ion Ratio Lower Upper

88 100

58 79.9 60.9 91.3

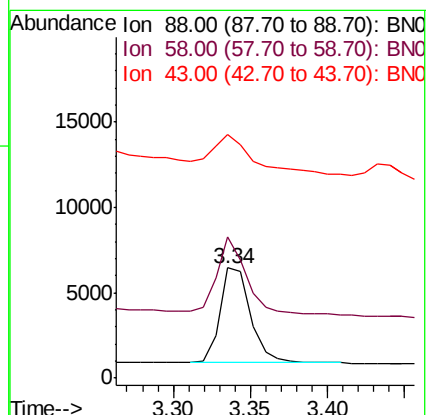
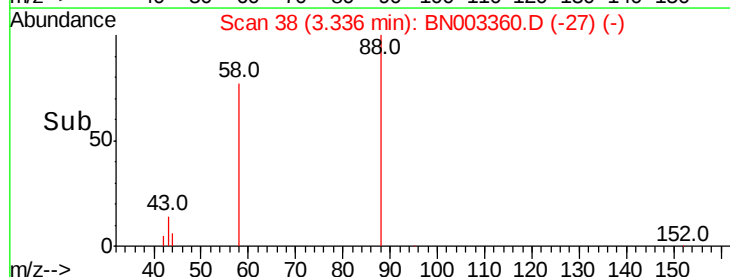
43 56.6 23.9 35.9#



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: 0.147 ng

RT: 3.67 min Scan# 80

Delta R.T. -0.02 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

Instrument :

BNA_N

ClientSampleId :

FT-PZ459I-20181025MS

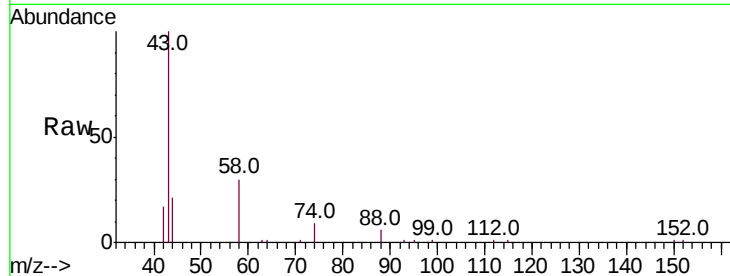
Tot Ion: 42 Resp: 1540

Ion Ratio Lower Upper

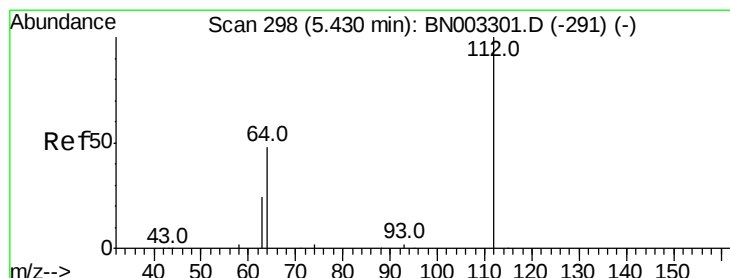
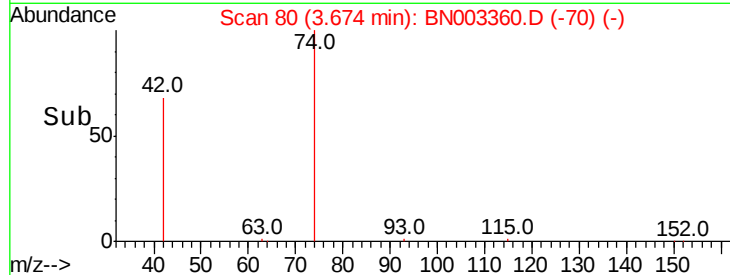
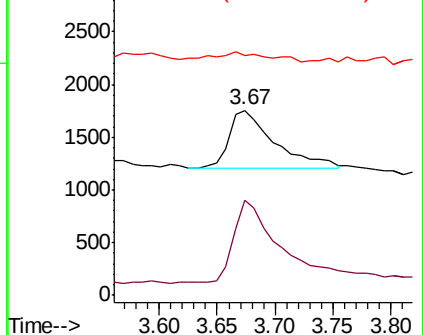
42 100

74 140.1 99.1 148.7

44 17.7 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: 0.139 ng

RT: 5.42 min Scan# 297

Delta R.T. -0.01 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

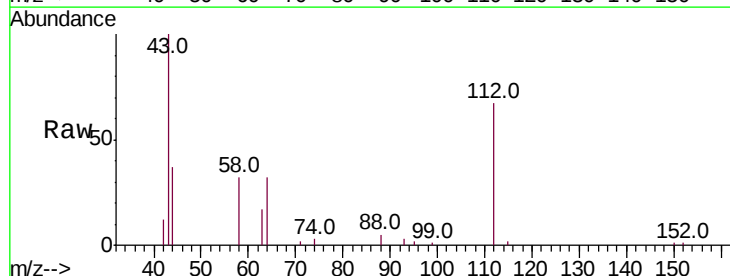
Tgt Ion: 112 Resp: 6035

Ion Ratio Lower Upper

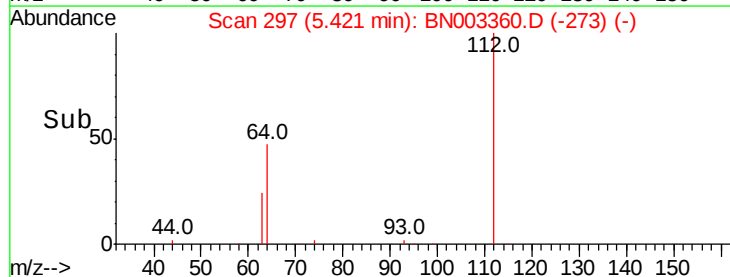
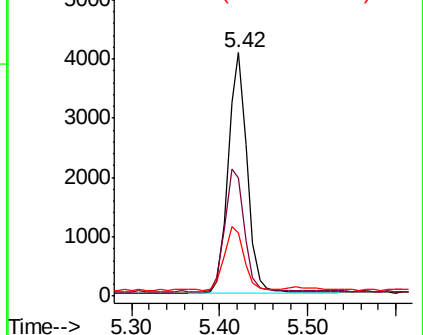
112 100

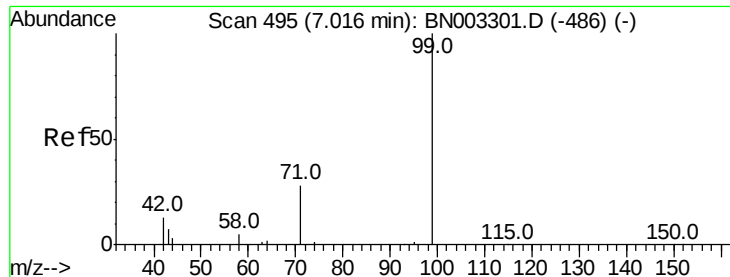
64 52.4 44.3 66.5

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: 0.082 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

Instrument :

BNA_N

ClientSampleId :

FT-PZ459I-20181025MS

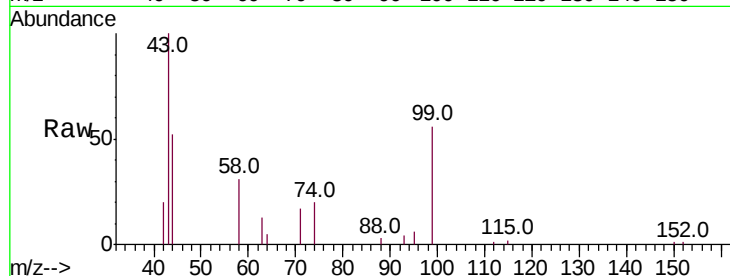
Tot Ion: 99 Resp: 4508

Ion Ratio Lower Upper

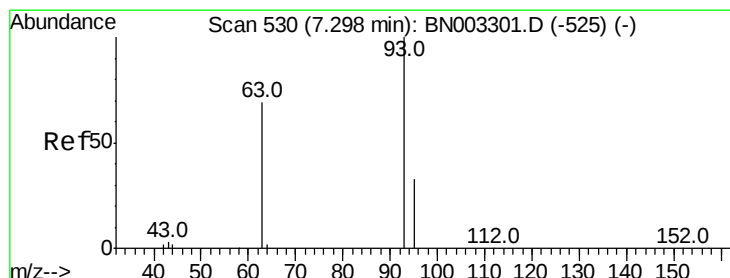
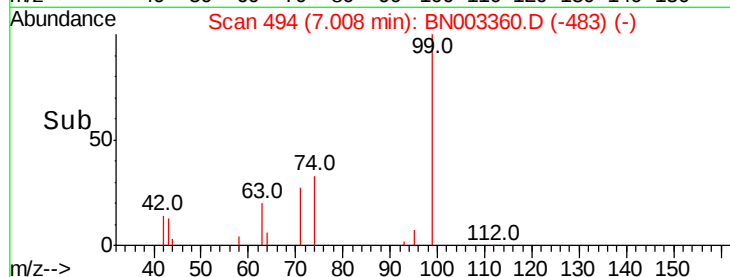
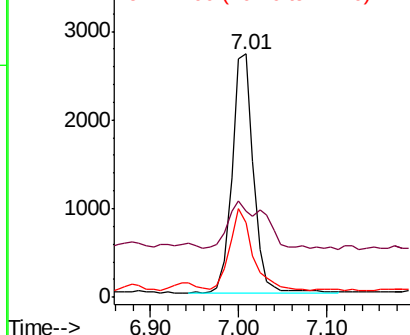
99 100

42 36.1 14.8 22.2#

71 36.9 24.8 37.2



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



#6

bis(2-Chloroethyl)ether

Concen: 0.337 ng

RT: 7.28 min Scan# 528

Delta R.T. -0.02 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

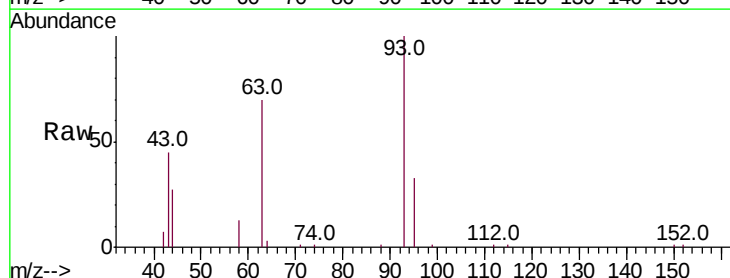
Tgt Ion: 93 Resp: 16546

Ion Ratio Lower Upper

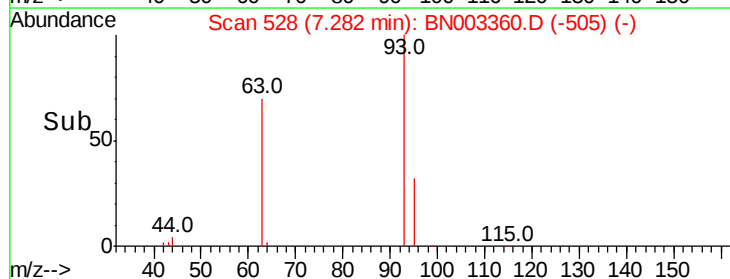
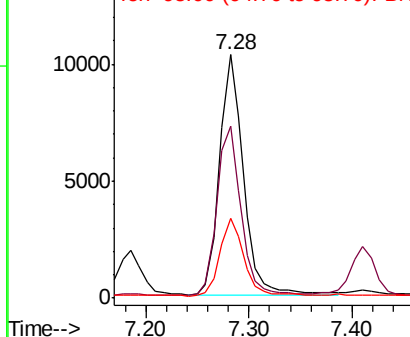
93 100

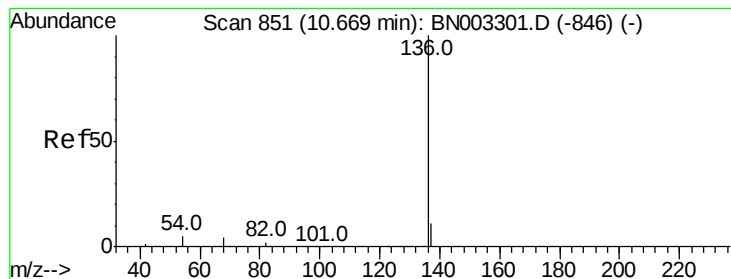
63 71.3 55.8 83.6

95 32.1 25.4 38.2



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

Instrument :

BNA_N

ClientSampleId :

FT-PZ459I-20181025MS

Tot Ion:136 Resp: 73934

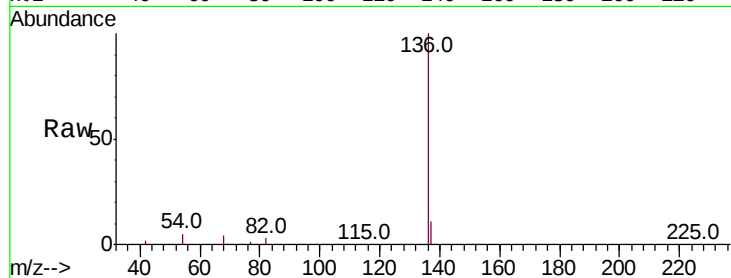
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 5.2 4.1 6.1

68 4.4 3.5 5.3

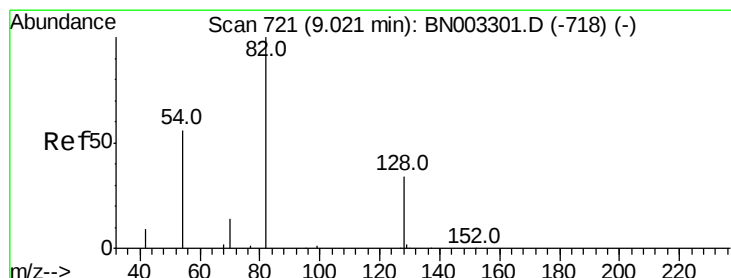
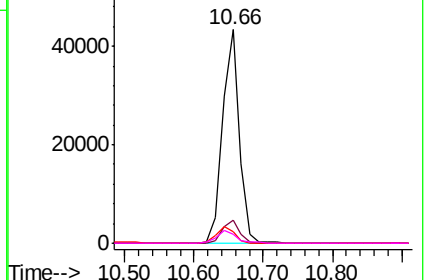
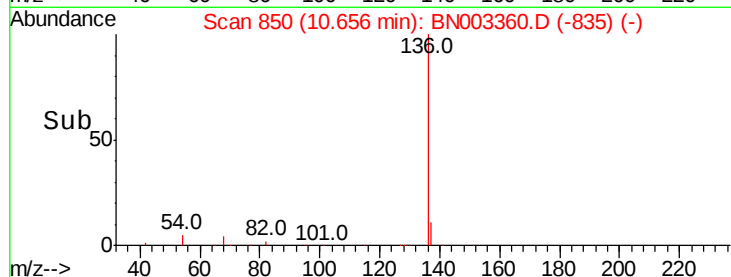


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.408 ng

RT: 9.01 min Scan# 720

Delta R.T. -0.01 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

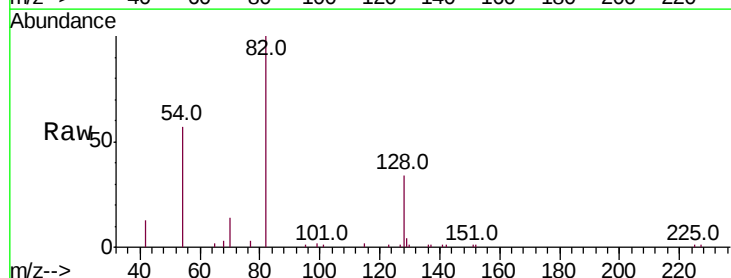
Tgt Ion: 82 Resp: 13225

Ion Ratio Lower Upper

82 100

128 34.4 28.9 43.3

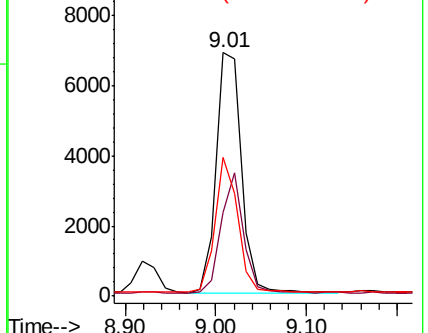
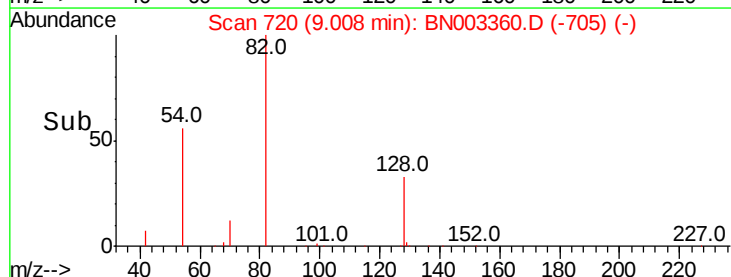
54 57.2 46.1 69.1

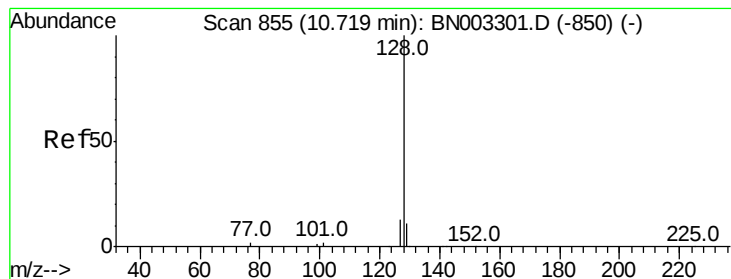


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.347 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

Instrument :

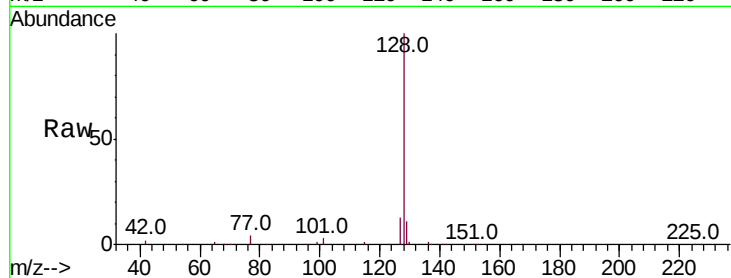
BNA_N

ClientSampleId :

FT-PZ459I-20181025MS

Tot Ion:128 Resp: 62796

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	12.8	10.2	15.4

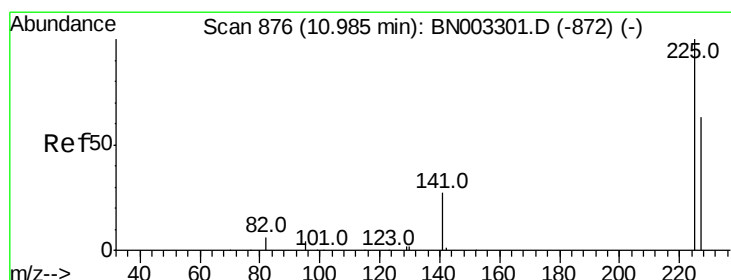
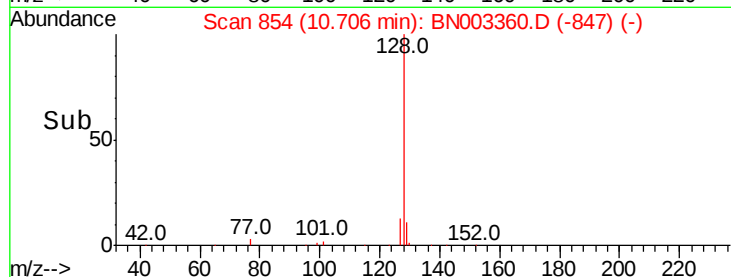
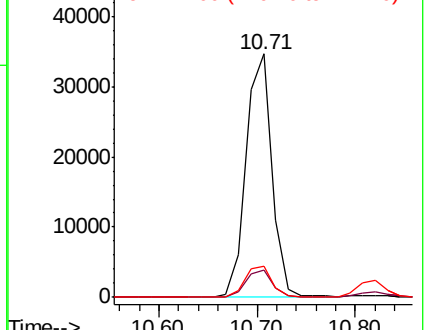


Abundance

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: 0.298 ng

RT: 10.97 min Scan# 875

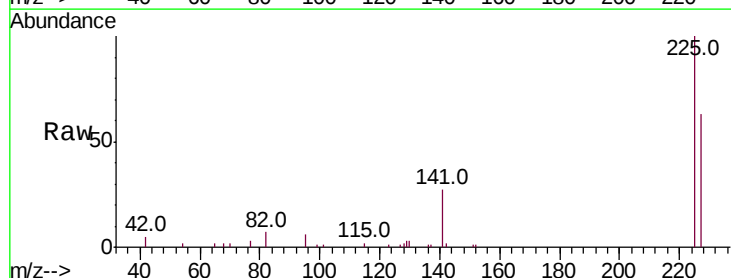
Delta R.T. -0.01 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

Tgt Ion:225 Resp: 9839

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.3	76.9

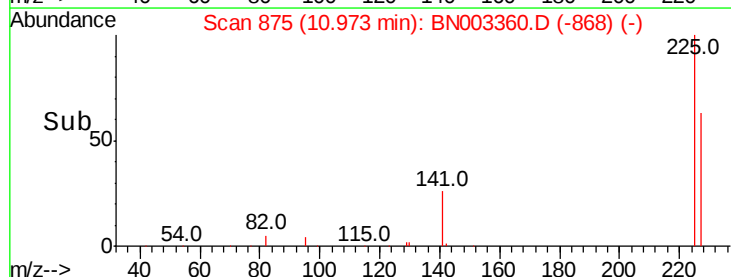
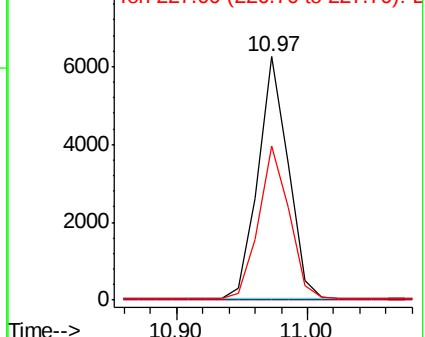


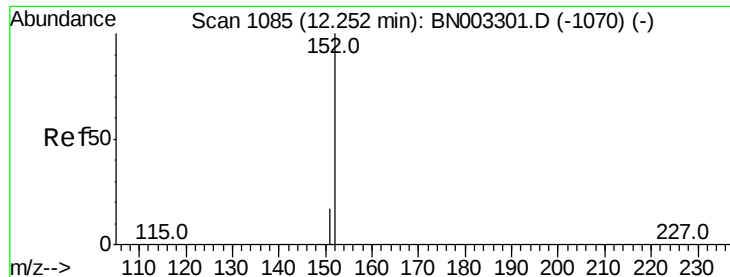
Abundance

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

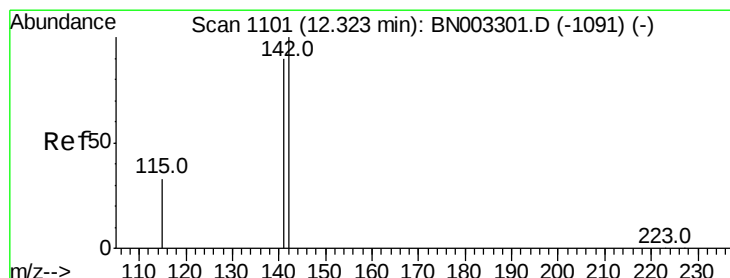
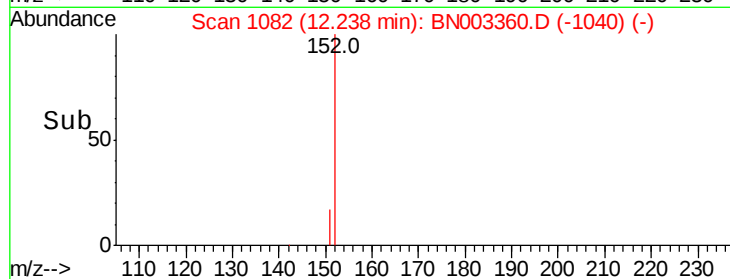
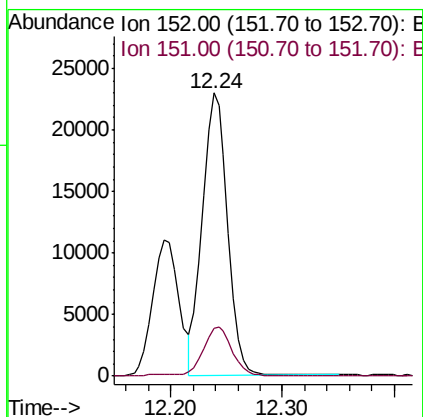
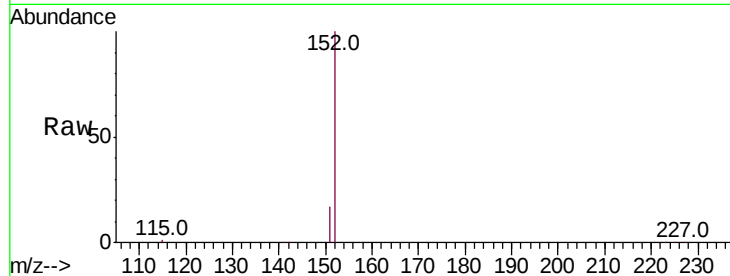




#11
2-Methylnaphthalene-d10
Concen: 0.299 ng
RT: 12.24 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

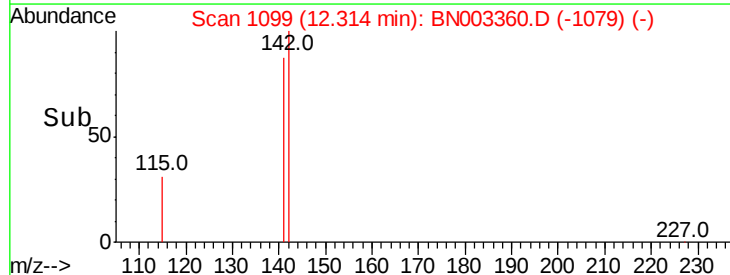
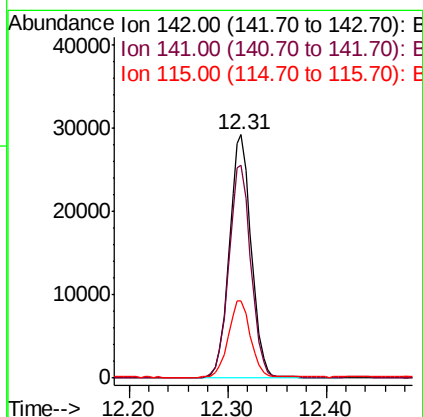
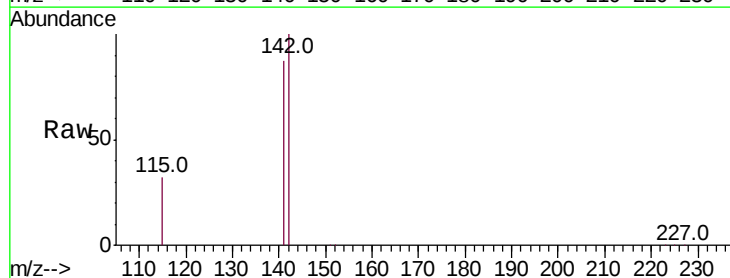
Instrument :
BNA_N
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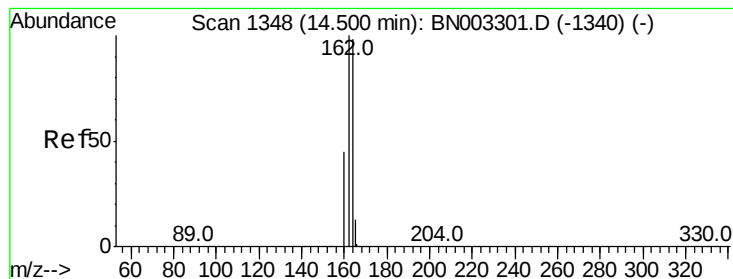
Tot Ion:152 Resp: 35978
Ion Ratio Lower Upper
152 100
151 19.0 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.353 ng
RT: 12.31 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Tgt Ion:142 Resp: 44560
Ion Ratio Lower Upper
142 100
141 87.5 71.9 107.9
115 31.6 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: BN003360.D

Acq: 30 Oct 2018 16:15

Instrument :

BNA_N

ClientSampleId :

FT-PZ459I-20181025MS

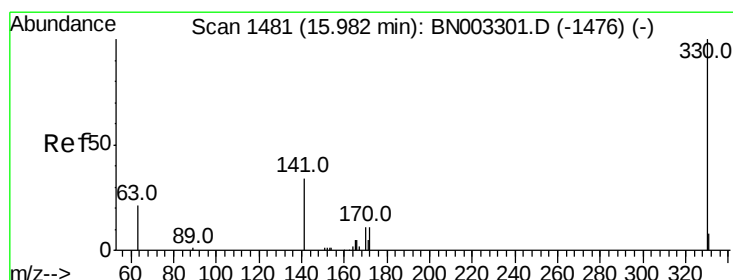
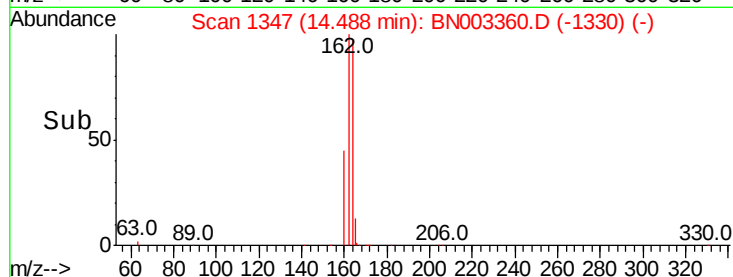
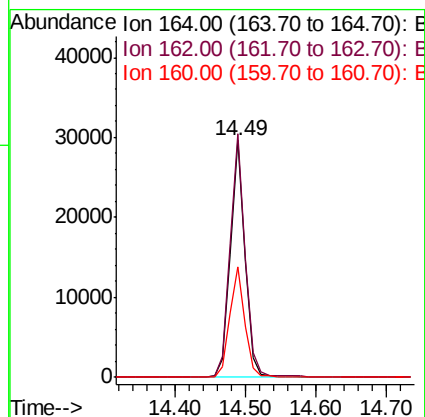
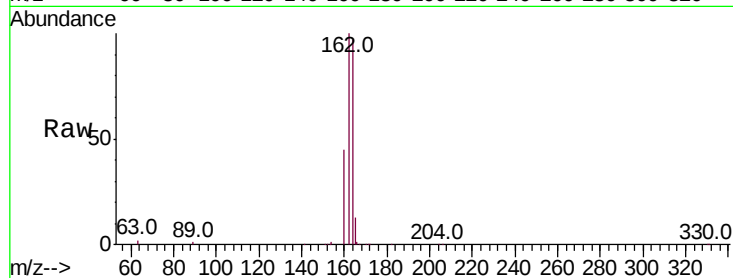
Tot Ion:164 Resp: 43382

Ion Ratio Lower Upper

164 100

162 102.7 81.8 122.6

160 46.4 37.2 55.8



#14

2,4,6-Tribromophenol

Concen: 0.287 ng

RT: 15.97 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

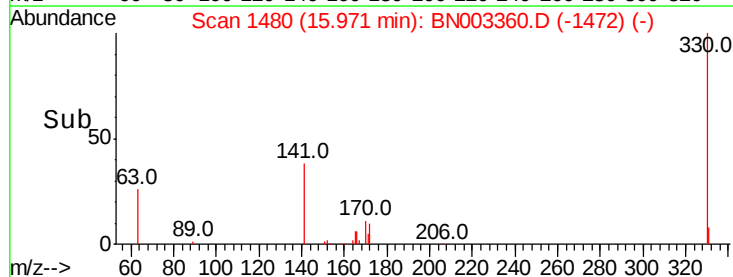
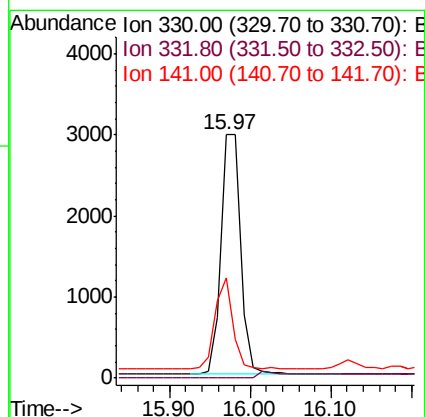
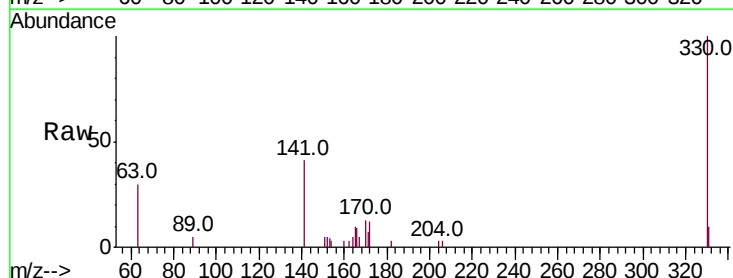
Tgt Ion:330 Resp: 4959

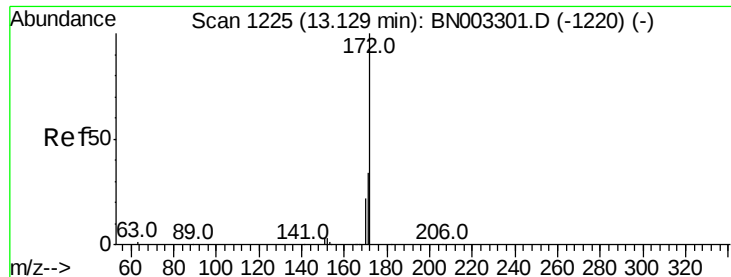
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 35.6 28.3 42.5





#15

2-Fluorobiphenyl

Concen: 0.326 ng

RT: 13.11 min Scan# 1223

Delta R.T. -0.02 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

Instrument :

BNA_N

ClientSampleId :

FT-PZ459I-20181025MS

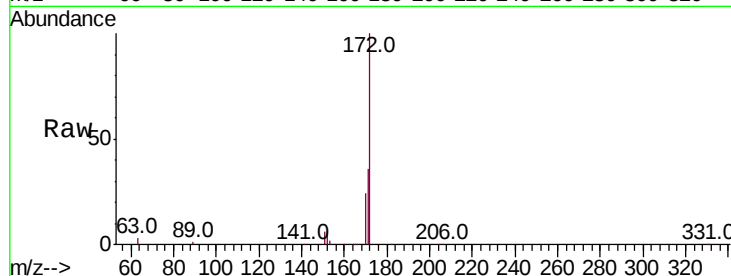
Tot Ion:172 Resp: 60943

Ion Ratio Lower Upper

172 100

171 36.0 27.1 40.7

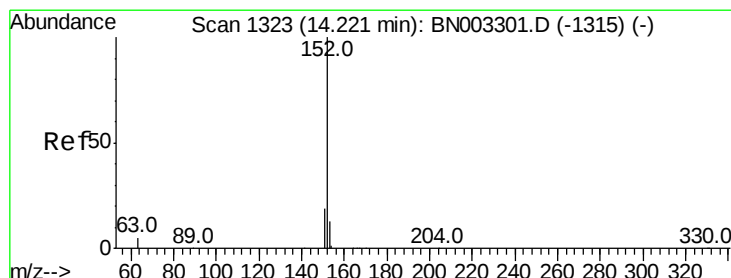
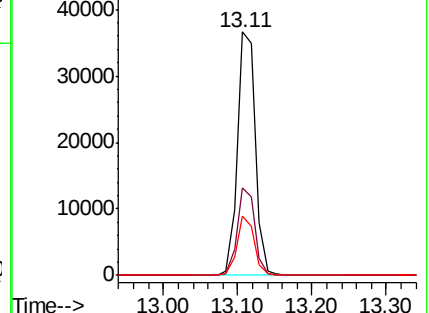
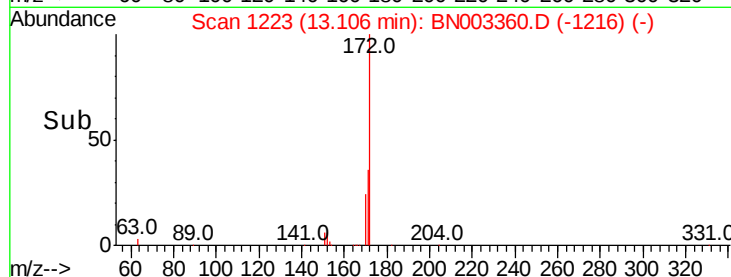
170 24.2 17.4 26.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.297 ng

RT: 14.21 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

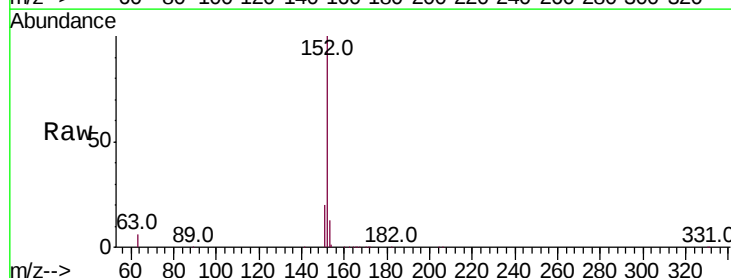
Tgt Ion:152 Resp: 57389

Ion Ratio Lower Upper

152 100

151 19.5 15.7 23.5

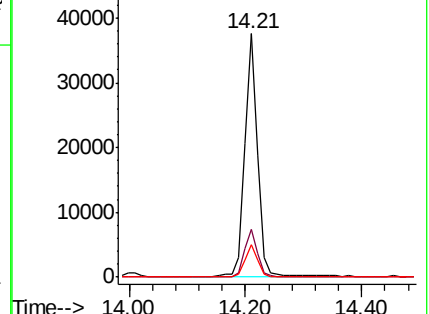
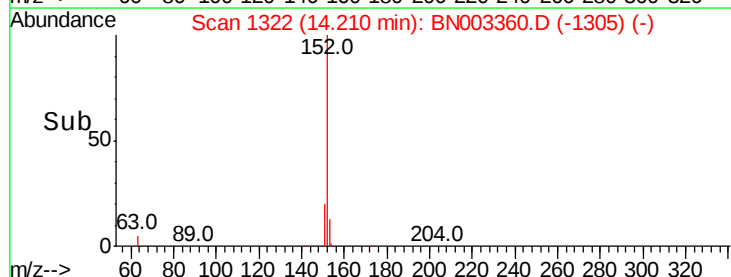
153 13.1 10.6 15.8

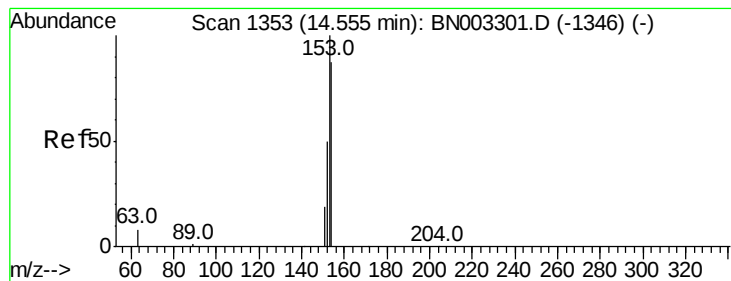


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.315 ng

RT: 14.56 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

Instrument :

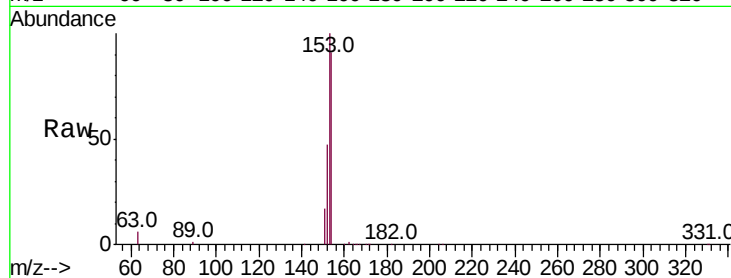
BNA_N

ClientSampleId :

FT-PZ459I-20181025MS

Tot Ion:154 Resp: 42220

Ion	Ratio	Lower	Upper
154	100		
153	109.1	88.9	133.3
152	53.3	43.5	65.3

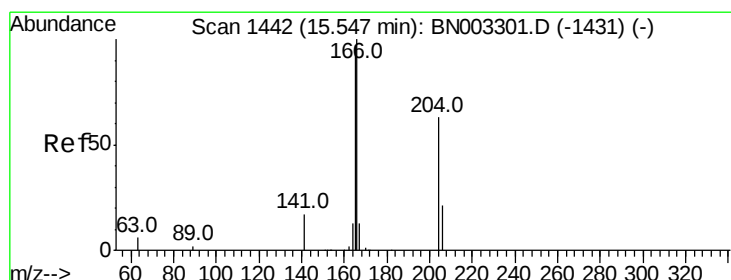
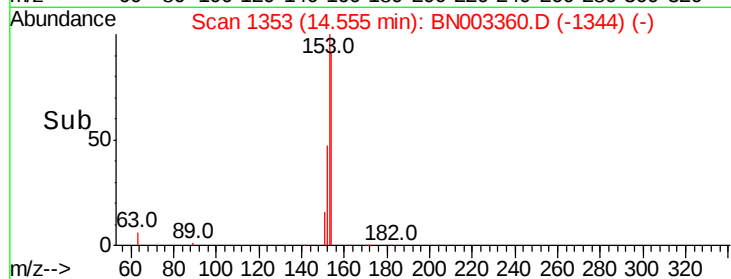
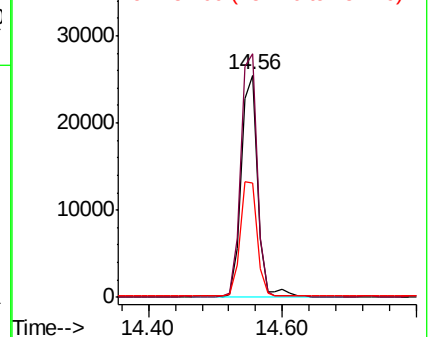


Abundance

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: 0.306 ng

RT: 15.54 min Scan# 1441

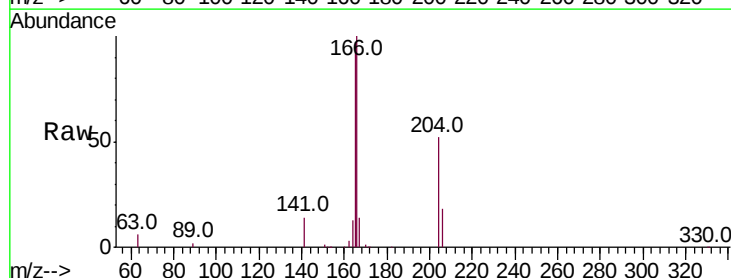
Delta R.T. -0.01 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

Tgt Ion:166 Resp: 51360

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.8	116.8
167	13.8	10.9	16.3

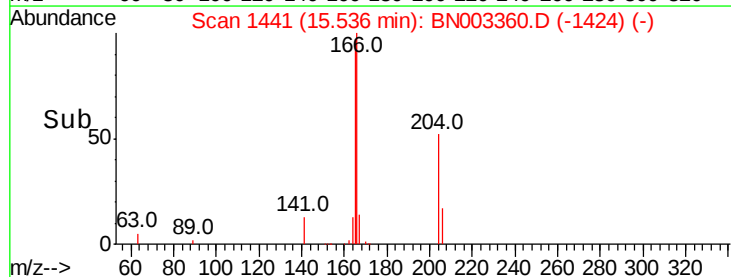
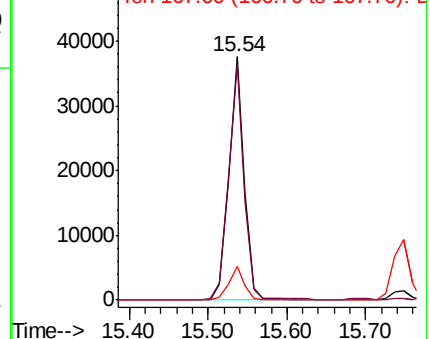


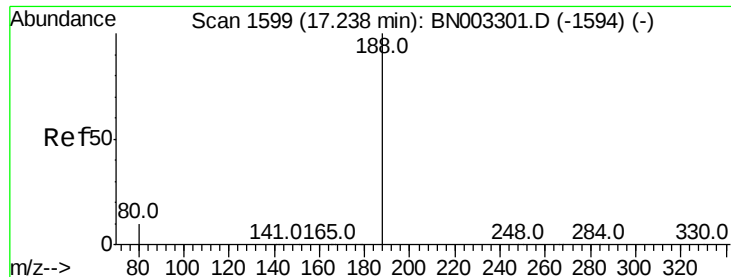
Abundance

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: BN003360.D

Acq: 30 Oct 2018 16:15

Instrument :

BNA_N

ClientSampleId :

FT-PZ459I-20181025MS

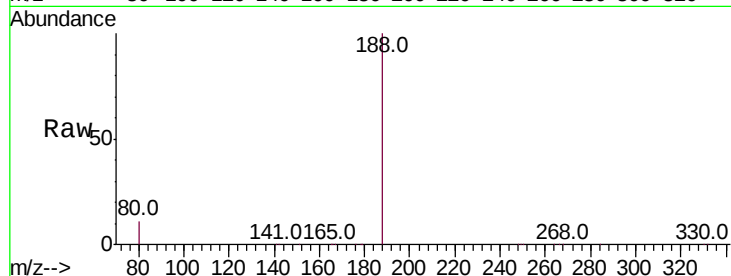
Tot Ion:188 Resp: 89736

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

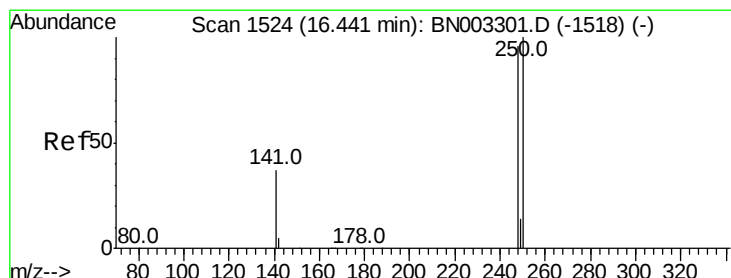
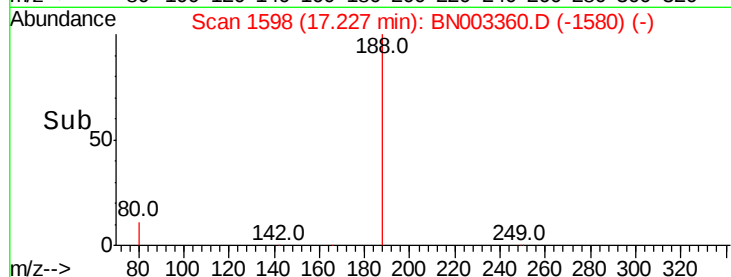
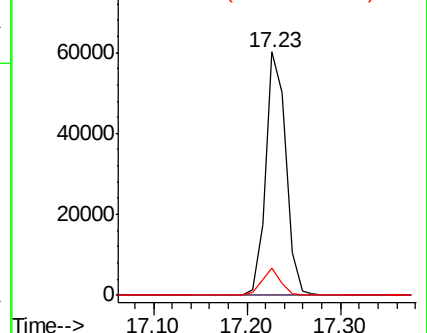
80 11.1 8.6 12.8



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: 0.319 ng

RT: 16.42 min Scan# 1522

Delta R.T. -0.02 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

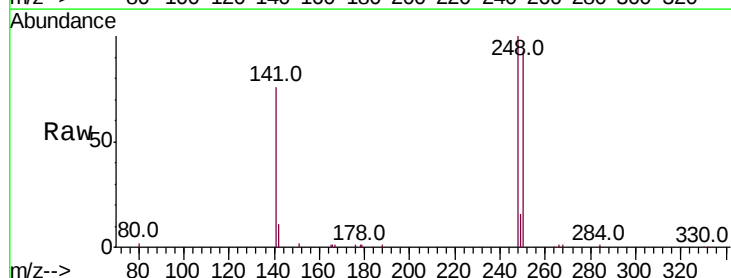
Tgt Ion:248 Resp: 16598

Ion Ratio Lower Upper

248 100

250 92.6 83.7 125.5

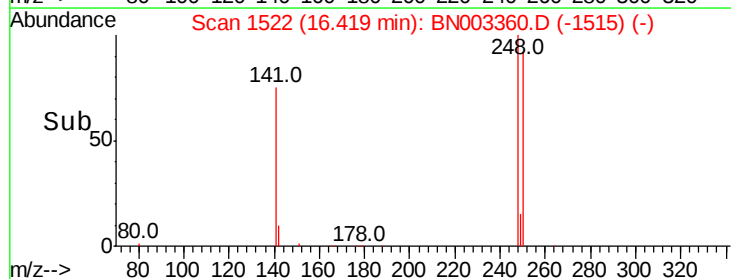
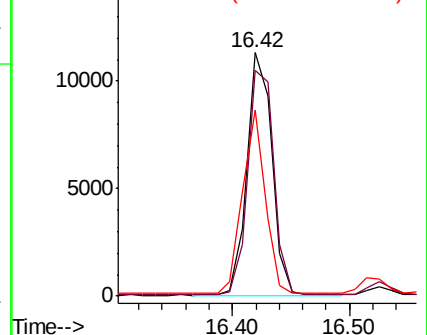
141 76.1 31.4 47.0#

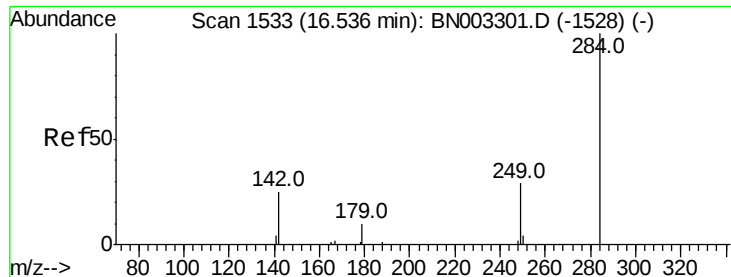


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

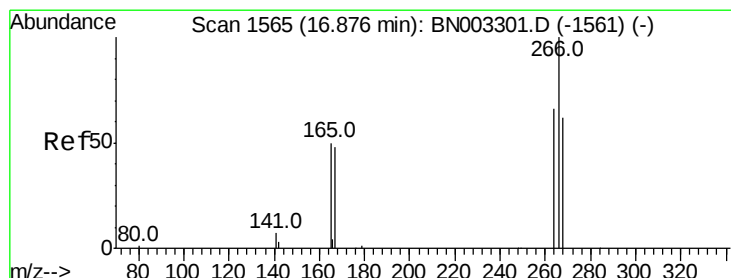
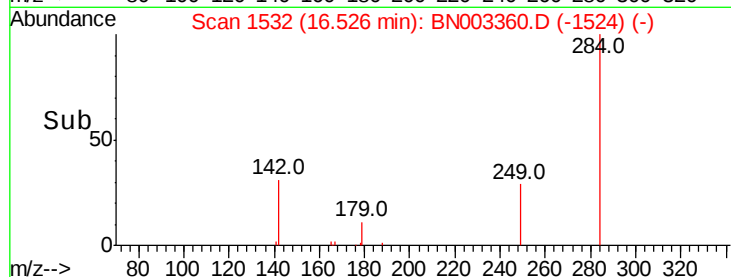
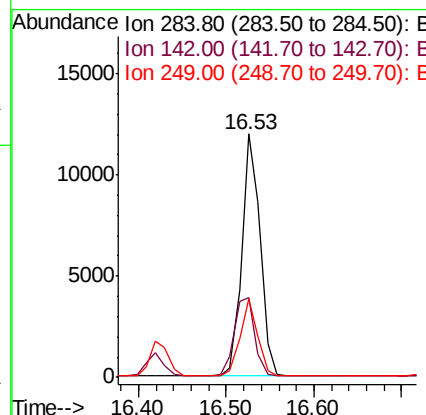
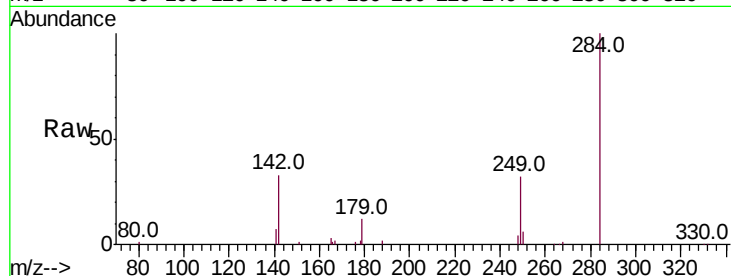




#21
Hexachlorobenzene
Concen: 0.315 ng
RT: 16.53 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

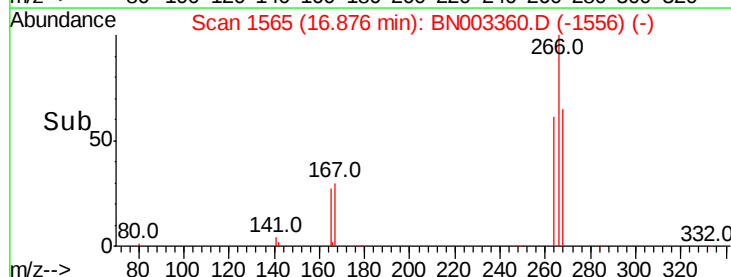
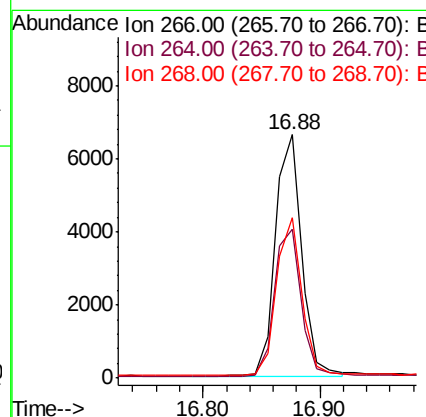
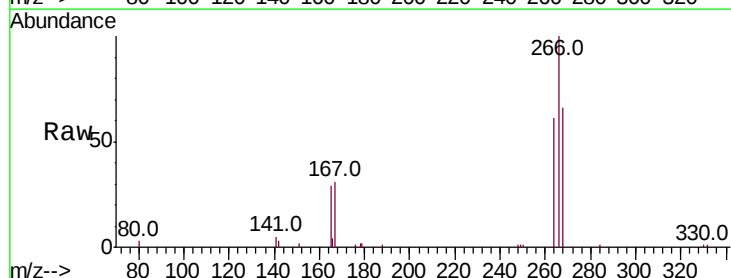
Instrument :
BNA_N
ClientSampleId :
FT-PZ459I-20181025MS

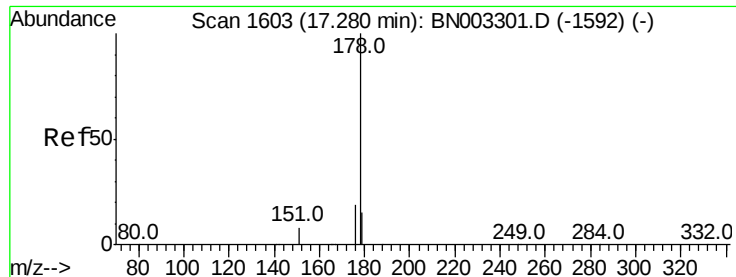
Tot Ion:284 Resp: 17280
Ion Ratio Lower Upper
284 100
142 35.7 29.7 44.5
249 29.9 24.0 36.0



#22
Pentachlorophenol
Concen: 0.690 ng
RT: 16.88 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Tgt Ion:266 Resp: 10247
Ion Ratio Lower Upper
266 100
264 61.2 52.1 78.1
268 65.6 51.8 77.6





#23

Phenanthrene

Concen: 0.329 ng

RT: 17.27 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

Instrument :

BNA_N

ClientSampleId :

FT-PZ459I-20181025MS

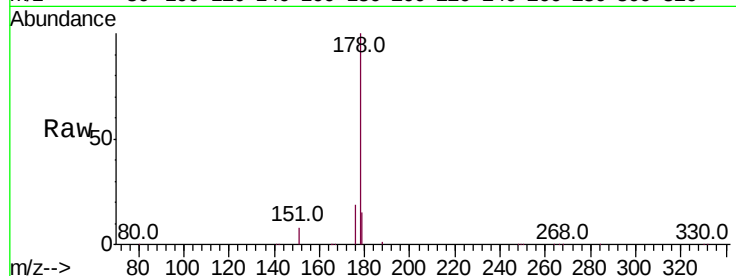
Tot Ion:178 Resp: 81002

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

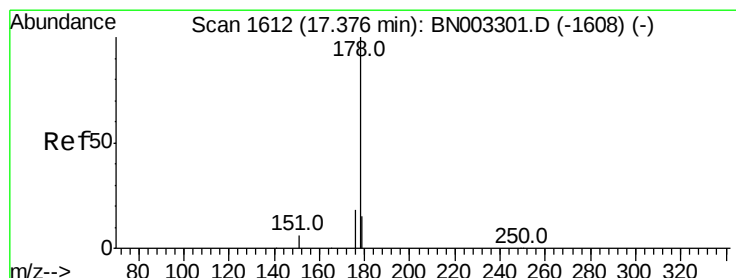
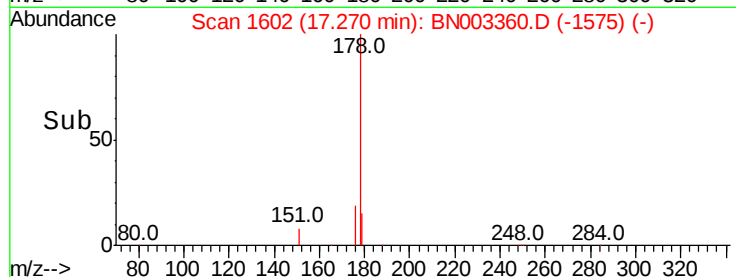
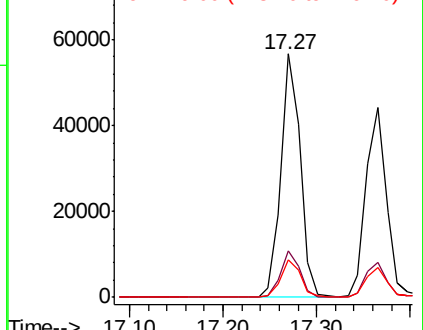
179 15.4 12.4 18.6



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: 0.321 ng

RT: 17.37 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

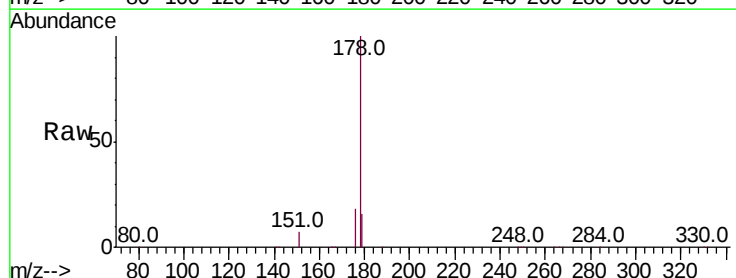
Tgt Ion:178 Resp: 67708

Ion Ratio Lower Upper

178 100

176 18.3 14.5 21.7

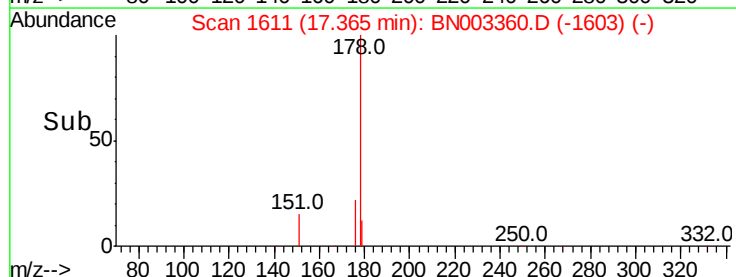
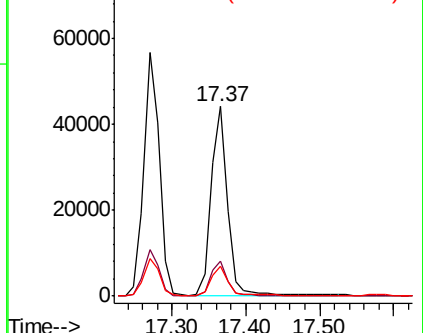
179 15.0 12.2 18.4

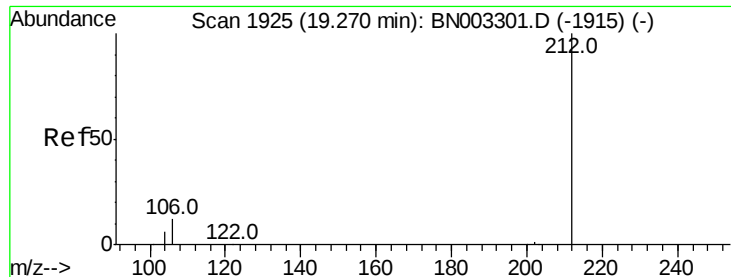


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.253 ng

RT: 19.26 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

Instrument :

BNA_N

ClientSampleId :

FT-PZ459I-20181025MS

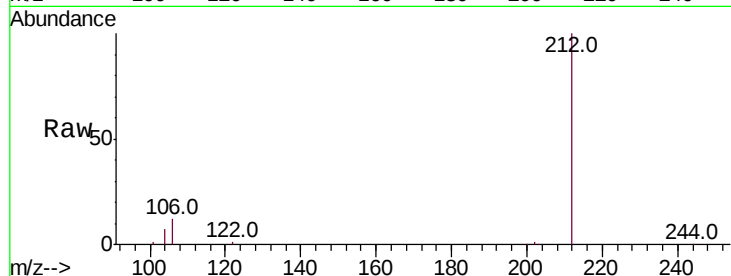
Tot Ion:212 Resp: 66133

Ion Ratio Lower Upper

212 100

106 12.9 10.3 15.5

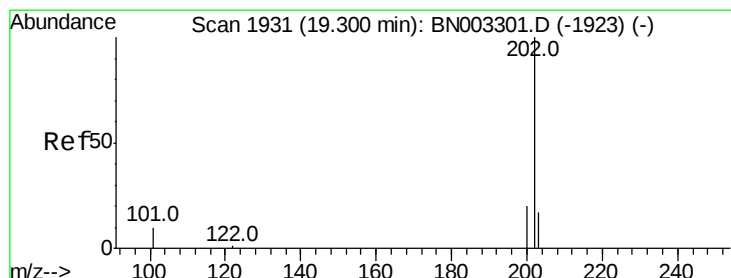
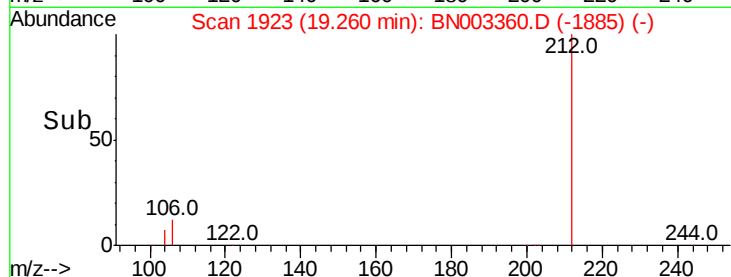
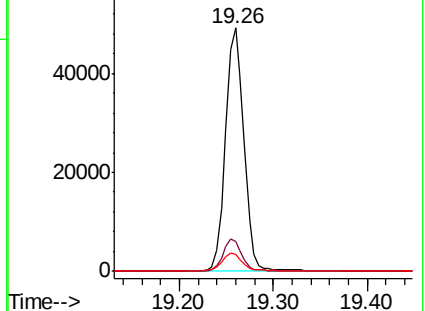
104 7.2 5.6 8.4



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: 0.280 ng

RT: 19.29 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

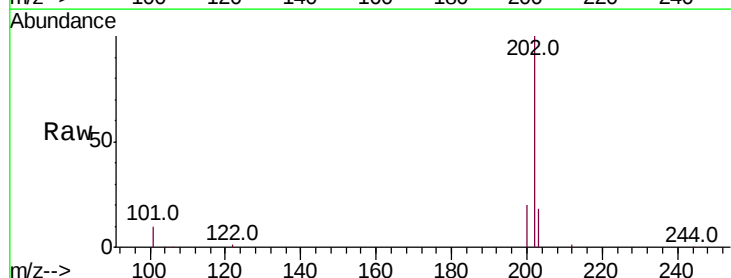
Tgt Ion:202 Resp: 79112

Ion Ratio Lower Upper

202 100

101 11.3 9.0 13.4

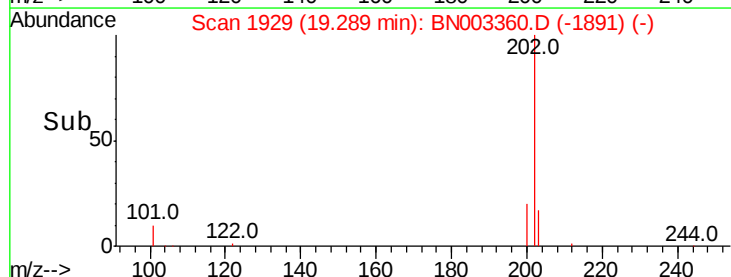
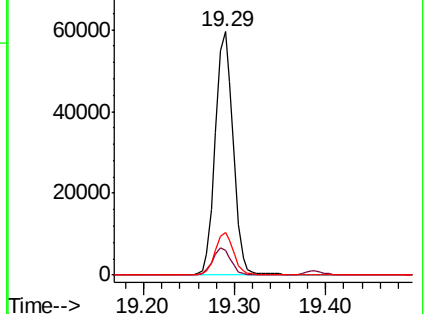
203 17.2 13.8 20.6

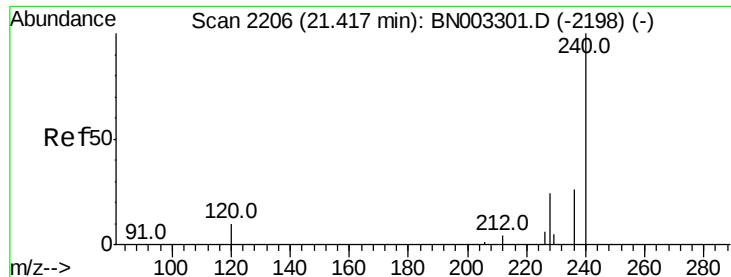


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

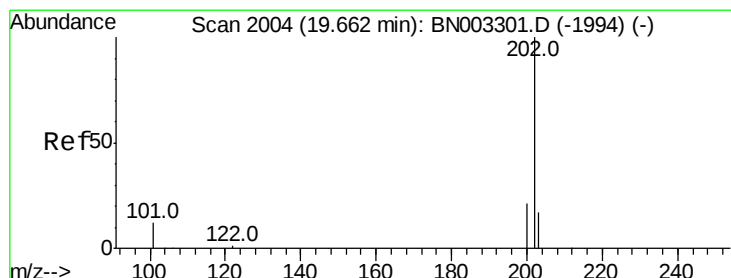
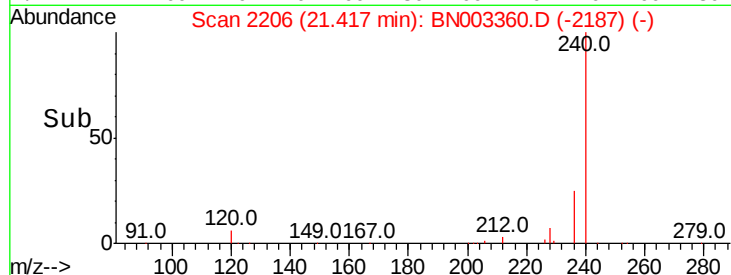
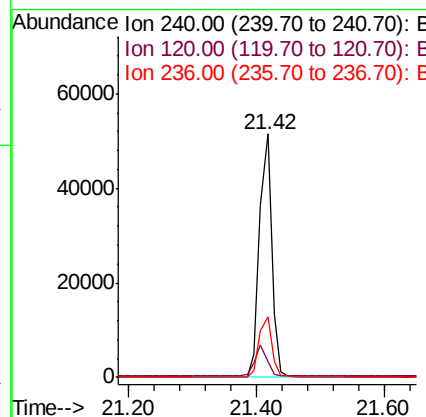
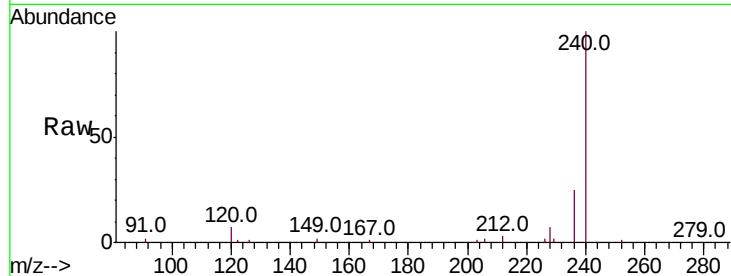




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

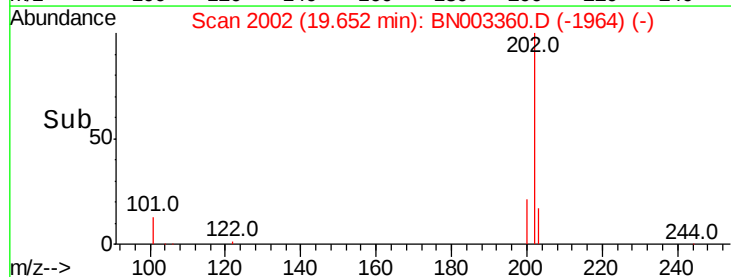
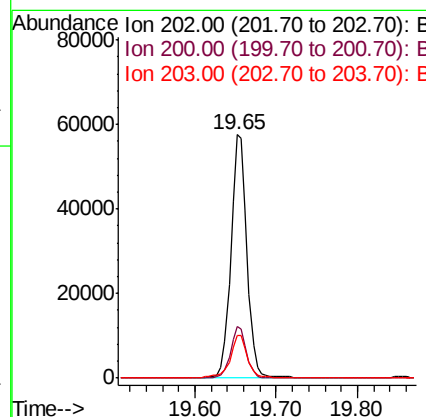
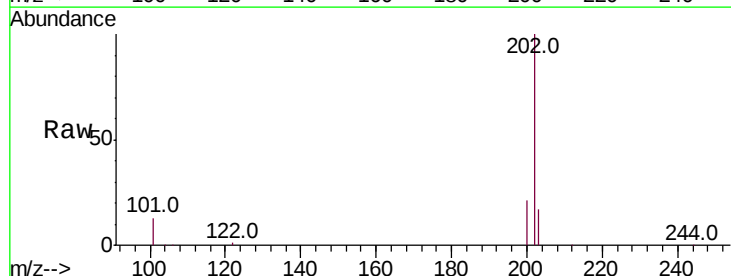
Instrument :
BNA_N
ClientSampleId :
FT-PZ459I-20181025MS

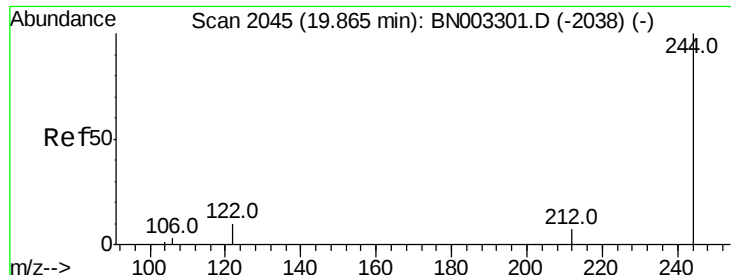
Tot Ion:240 Resp: 68911
Ion Ratio Lower Upper
240 100
120 6.7 9.3 13.9#
236 25.1 21.0 31.4



#28
Pyrene
Concen: 0.411 ng
RT: 19.65 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Tgt Ion:202 Resp: 78241
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 18.0 13.9 20.9





#29

Terphenyl-d14

Concen: 0.419 ng

RT: 19.86 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

Instrument :

BNA_N

ClientSampleId :

FT-PZ459I-20181025MS

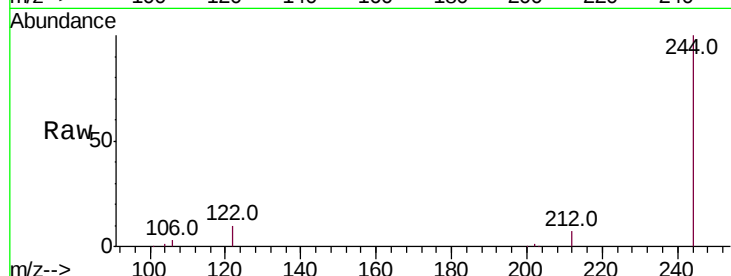
Tot Ion:244 Resp: 67200

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

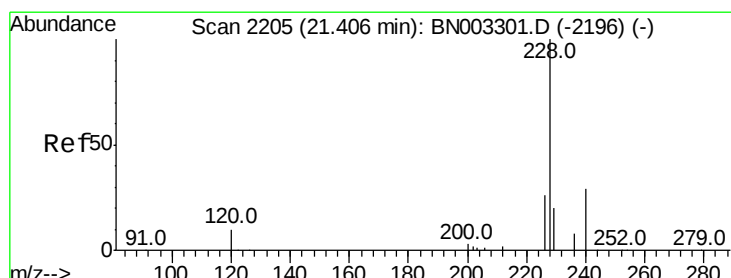
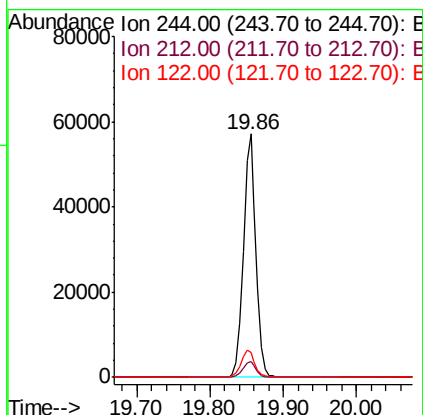
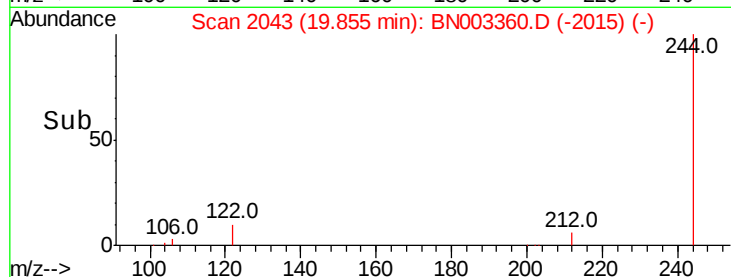
122 10.2 8.5 12.7



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: 0.351 ng

RT: 21.40 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

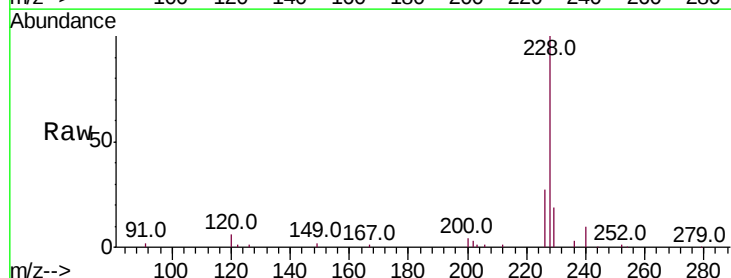
Tgt Ion:228 Resp: 63436

Ion Ratio Lower Upper

228 100

226 26.8 20.8 31.2

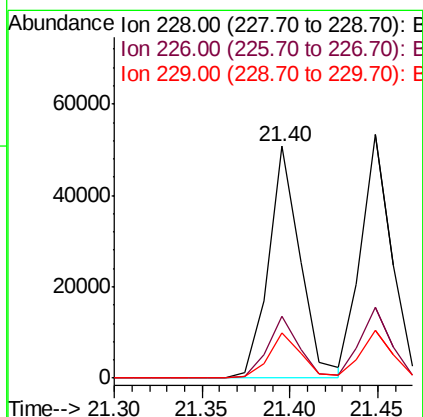
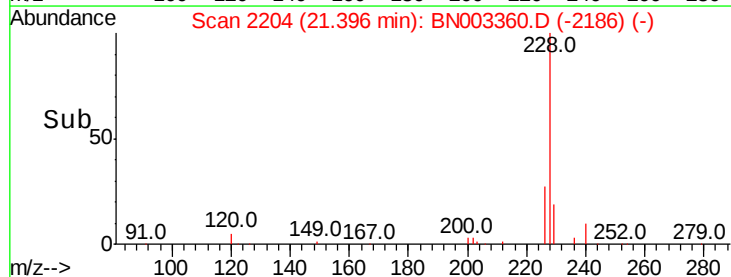
229 19.3 16.1 24.1

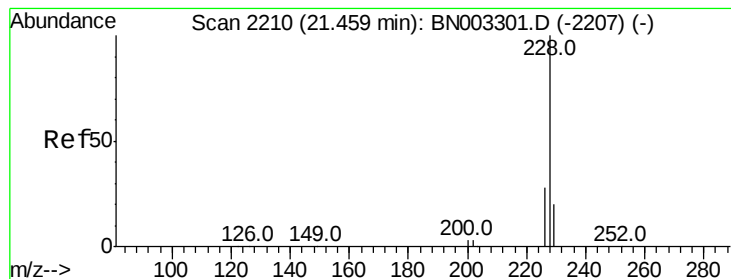


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.331 ng

RT: 21.45 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

Instrument :

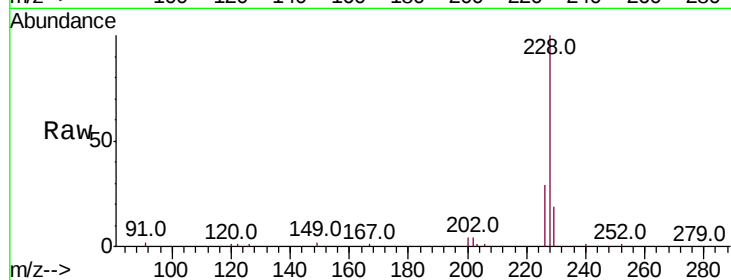
BNA_N

ClientSampleId :

FT-PZ459I-20181025MS

Tot Ion:228 Resp: 64391

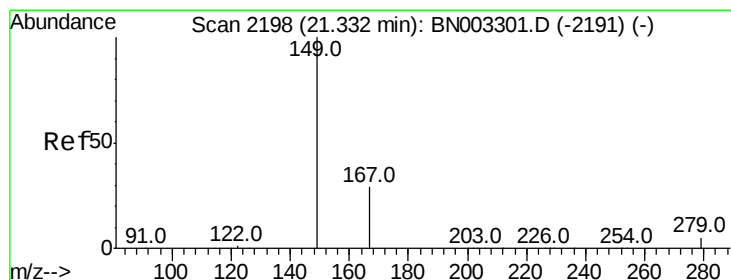
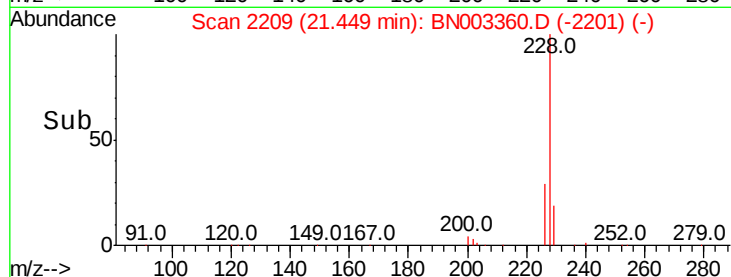
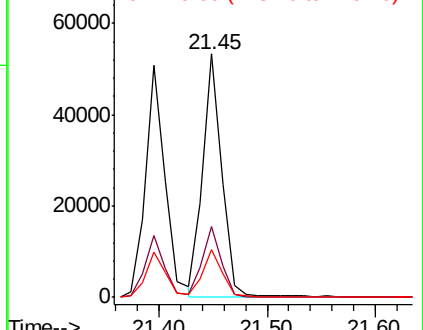
Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.7	34.1
229	19.5	16.0	24.0



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: 0.409 ng

RT: 21.31 min Scan# 2196

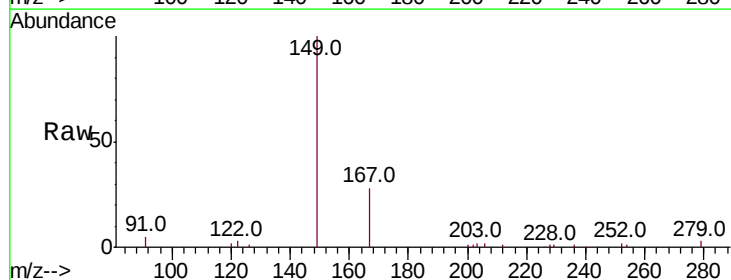
Delta R.T. -0.02 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

Tgt Ion:149 Resp: 21850

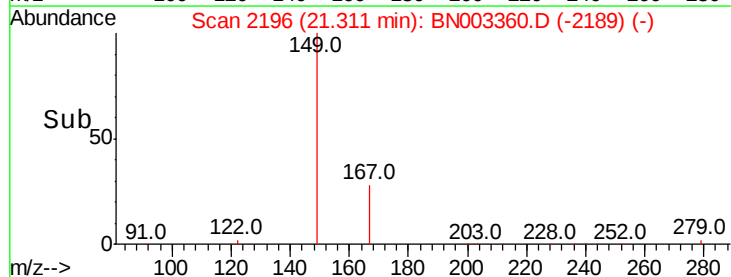
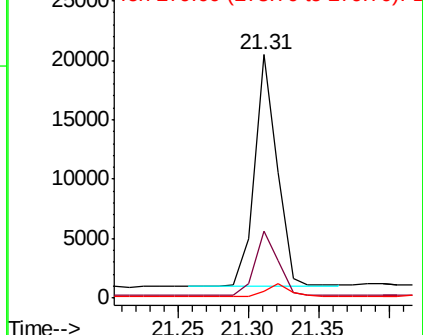
Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.4	33.6
279	5.0	3.9	5.9

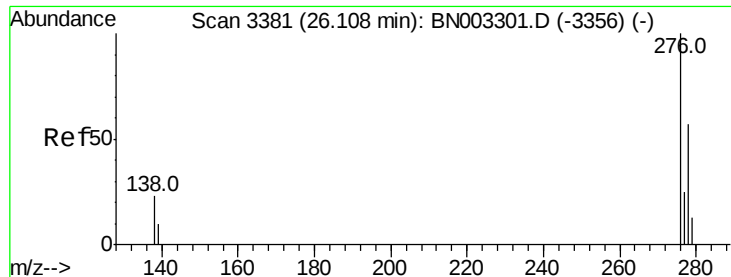


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.346 ng

RT: 26.09 min Scan# 3375

Delta R.T. -0.02 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

Instrument :

BNA_N

ClientSampleId :

FT-PZ459I-20181025MS

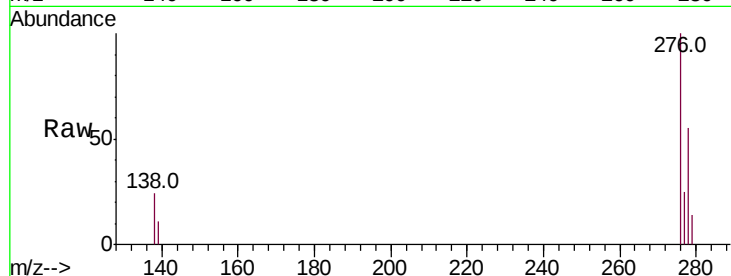
Tot Ion:276 Resp: 69711

Ion Ratio Lower Upper

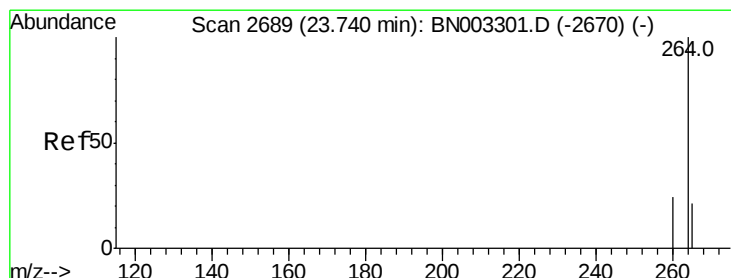
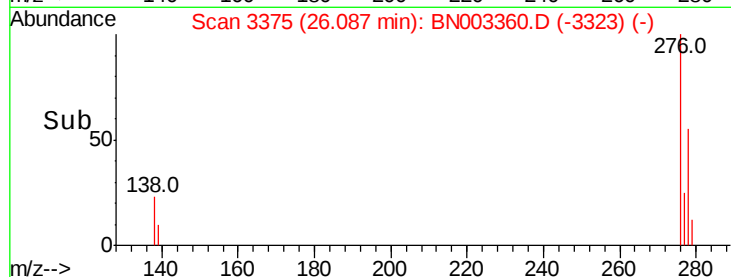
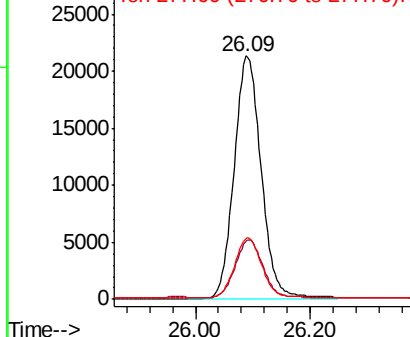
276 100

138 24.3 20.6 30.8

277 25.0 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: BN003360.D

Acq: 30 Oct 2018 16:15

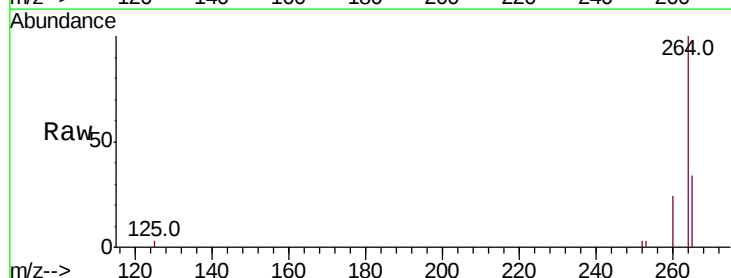
Tgt Ion:264 Resp: 62722

Ion Ratio Lower Upper

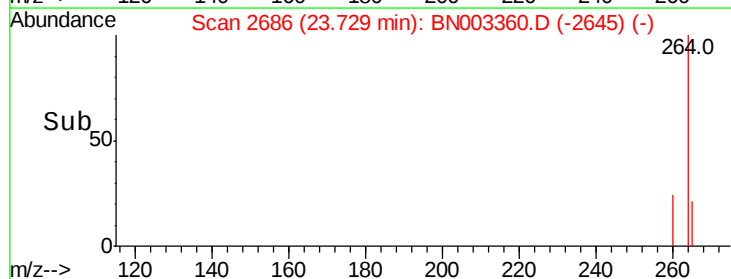
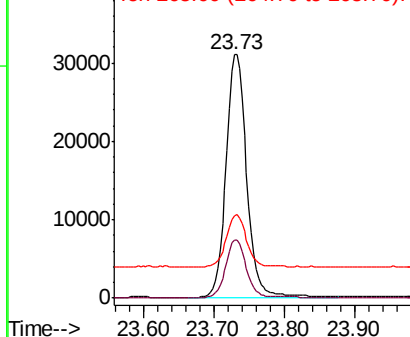
264 100

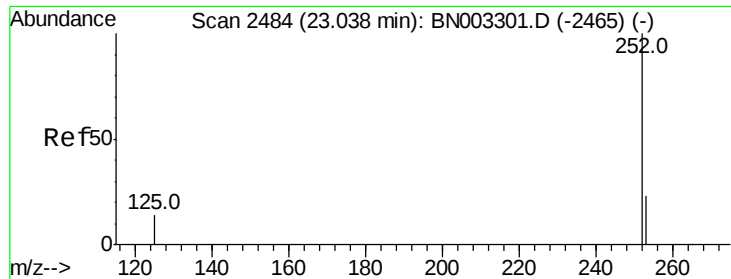
260 23.9 19.1 28.7

265 34.1 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

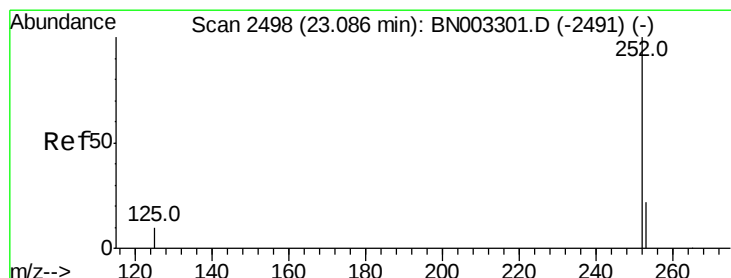
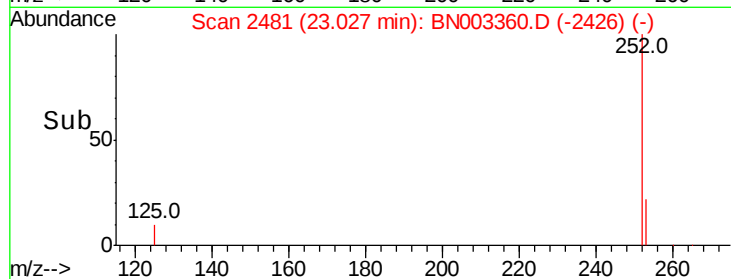
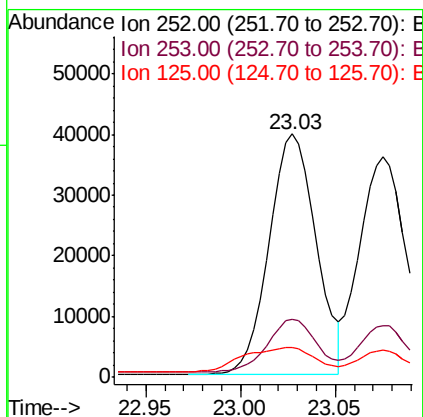
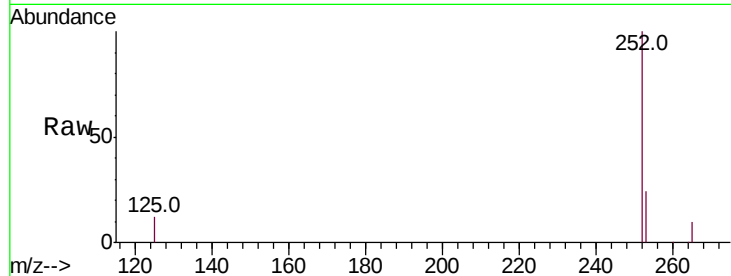




#35
Benzo(b)fluoranthene
Concen: 0.347 ng
RT: 23.03 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

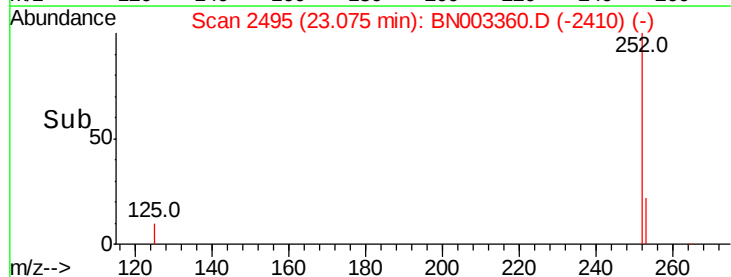
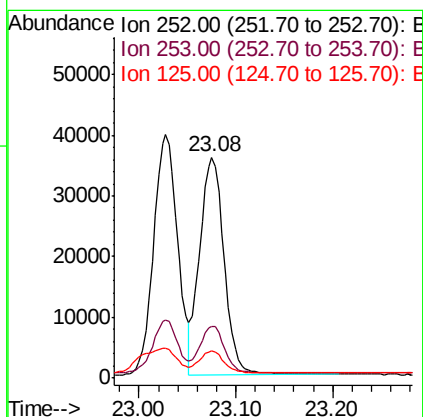
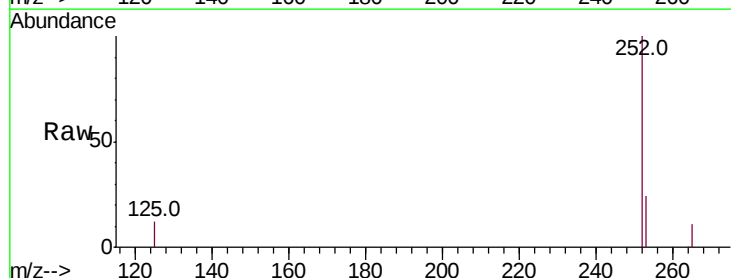
Instrument :
BNA_N
ClientSampleId :
FT-PZ459I-20181025MS

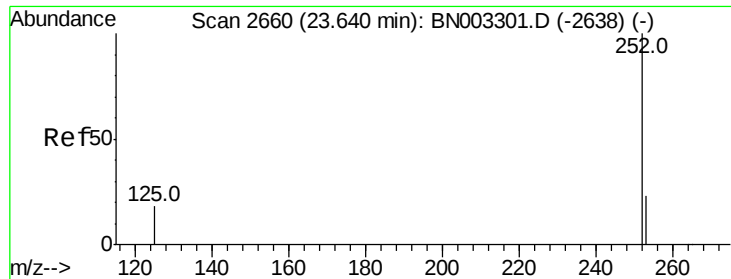
Tot Ion:252 Resp: 67847
Ion Ratio Lower Upper
252 100
253 23.9 19.3 28.9
125 12.2 12.7 19.1#



#36
Benzo(k)fluoranthene
Concen: 0.322 ng
RT: 23.08 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Tgt Ion:252 Resp: 62390
Ion Ratio Lower Upper
252 100
253 23.5 18.5 27.7
125 12.1 9.1 13.7





#37

Benzo(a)pyrene

Concen: 0.338 ng

RT: 23.63 min Scan# 2656

Delta R.T. -0.01 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

Instrument :

BNA_N

ClientSampleId :

FT-PZ459I-20181025MS

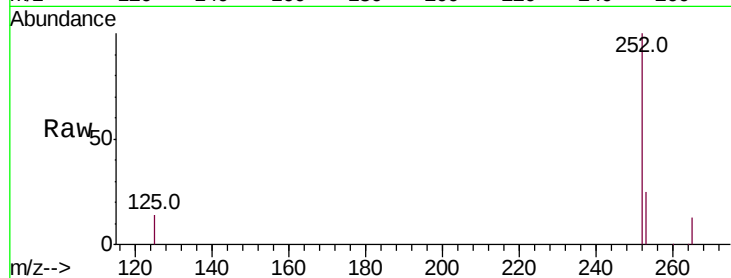
Tot Ion:252 Resp: 60264

Ion Ratio Lower Upper

252 100

253 24.5 20.1 30.1

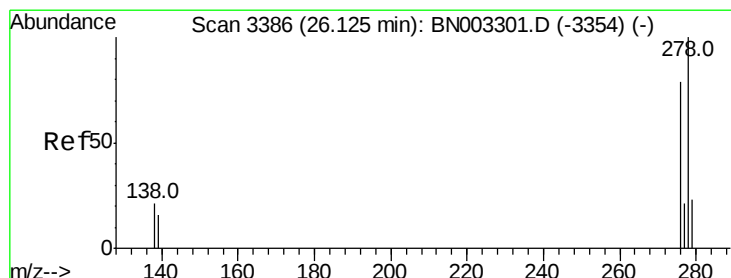
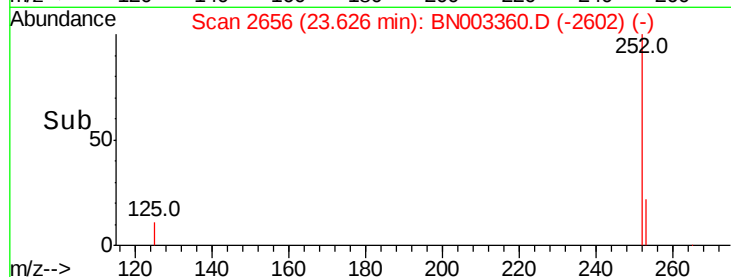
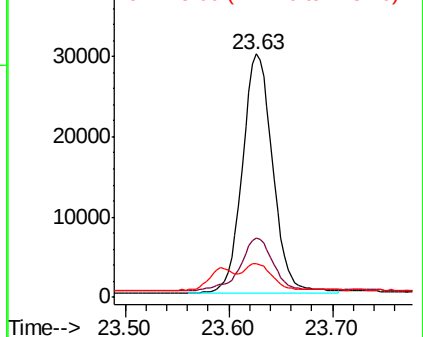
125 13.9 16.0 24.0#



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: 0.352 ng

RT: 26.11 min Scan# 3381

Delta R.T. -0.02 min

Lab File: BN003360.D

Acq: 30 Oct 2018 16:15

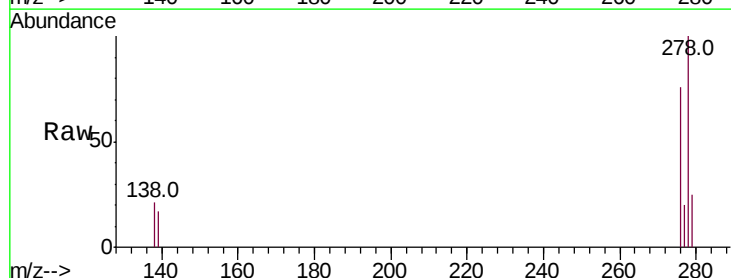
Tgt Ion:278 Resp: 58432

Ion Ratio Lower Upper

278 100

139 16.9 13.5 20.3

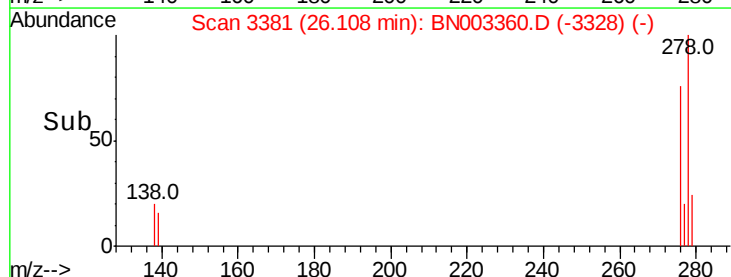
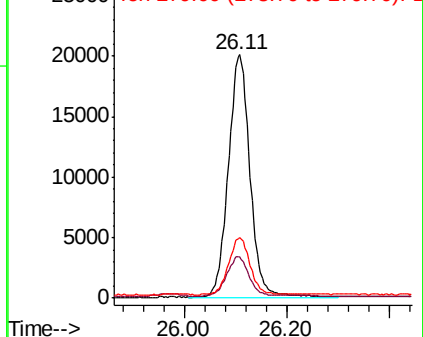
279 24.9 19.8 29.6

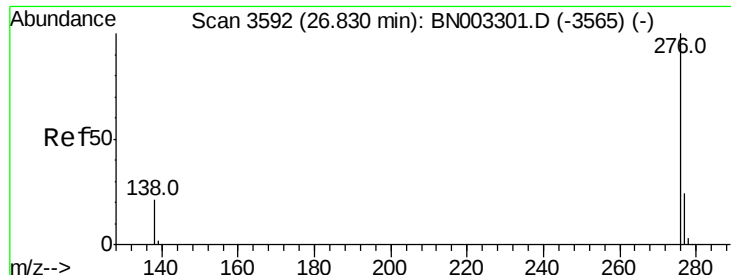


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.363 ng

RT: 26.81 min Scan# 3587

Delta R.T. -0.02 min

Lab File: BN003360.D

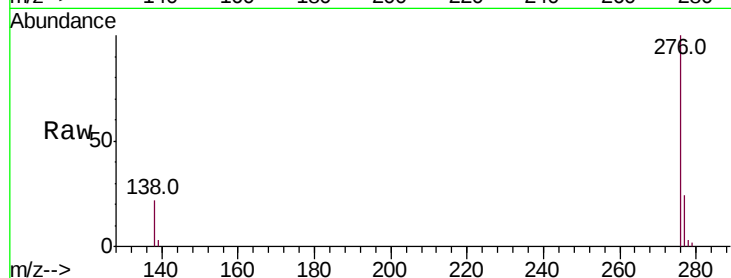
Acq: 30 Oct 2018 16:15

Instrument :

BNA_N

ClientSampleId :

FT-PZ459I-20181025MS



Tot Ion:276 Resp: 60204

Ion Ratio Lower Upper

276 100

277 24.3 19.5 29.3

138 21.8 17.4 26.2

Abundance Ion 276.00 (275.70 to 276.70): E
25000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

