

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012020\
 Data File : BN009398.D
 Acq On : 20 Jan 2020 11:37
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 20 17:50:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 09:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1695	0.40	ng	0.00
7) Naphthalene-d8	10.22	136	5803	0.40	ng	-0.01
13) Acenaphthene-d10	14.10	164	3673	0.40	ng	-0.01
19) Phenanthrene-d10	16.85	188	8199	0.40	ng	-0.01
27) Chrysene-d12	21.06	240	7120	0.40	ng	-0.01
34) Perylene-d12	23.19	264	7029	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	1505	0.39	ng	0.00
5) Phenol-d6	6.67	99	1682	0.37	ng	0.00
8) Nitrobenzene-d5	8.62	82	1671	0.36	ng	-0.01
11) 2-Methylnaphthalene-d10	11.82	152	4314	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.61	330	482	0.35	ng	-0.01
15) 2-Fluorobiphenyl	12.73	172	5296	0.39	ng	0.00
25) Fluoranthene-d10	18.90	212	10234	0.36	ng	0.00
29) Terphenyl-d14	19.51	244	6434	0.38	ng	0.00

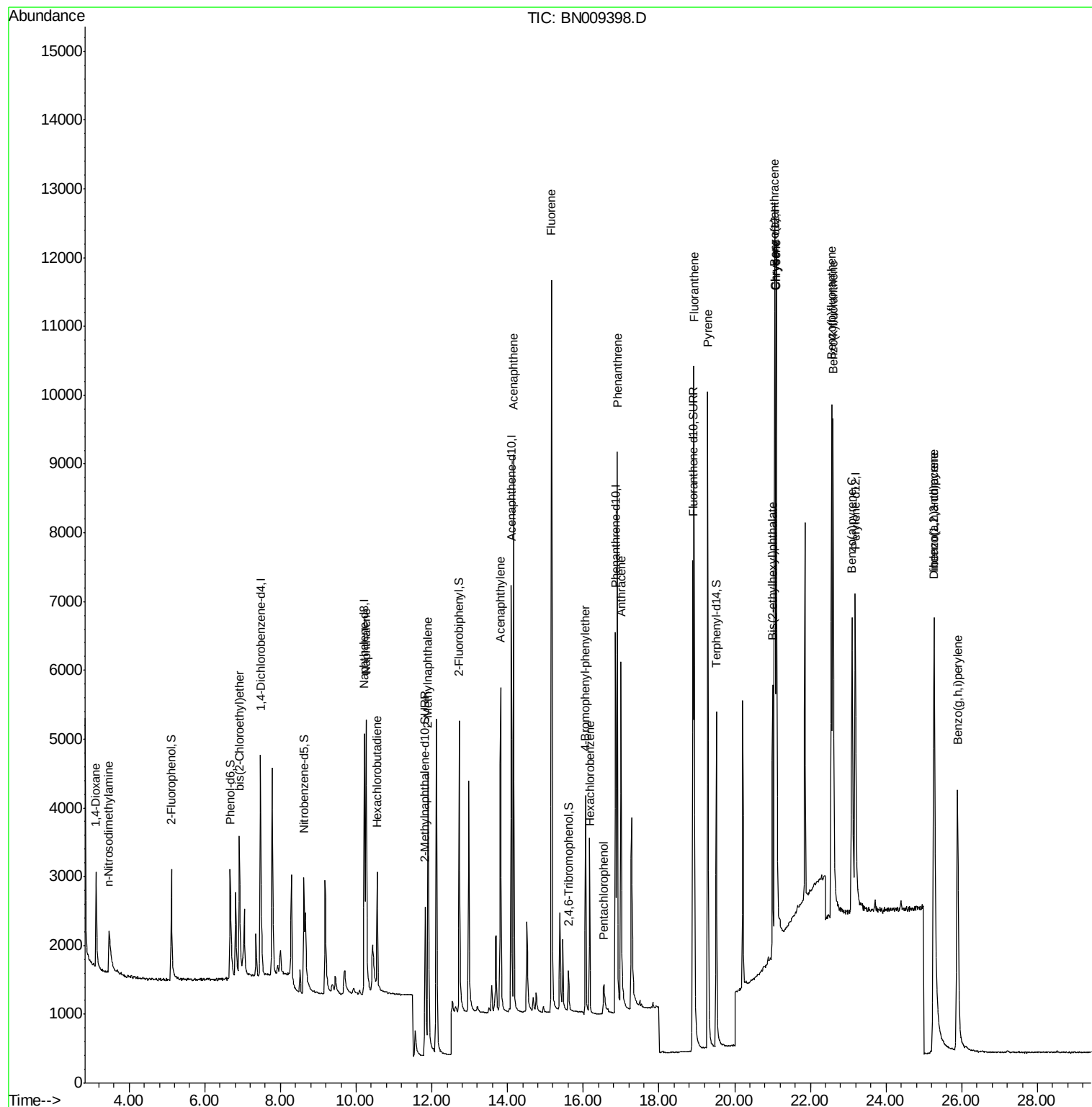
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.14	88	701	0.397	ng	96
3) n-Nitrosodimethylamine	3.47	42	1060	0.388	ng	# 95
6) bis(2-Chloroethyl)ether	6.92	93	1731	0.373	ng	96
9) Naphthalene	10.27	128	6011	0.383	ng	99
10) Hexachlorobutadiene	10.56	225	1398	0.406	ng	# 97
12) 2-Methylnaphthalene	11.90	142	4176	0.382	ng	98
16) Acenaphthylene	13.82	152	5683	0.359	ng	100
17) Acenaphthene	14.16	154	4224	0.379	ng	99
18) Fluorene	15.16	166	5482	0.378	ng	99
20) 4-Bromophenyl-phenylether	16.06	248	1807	0.366	ng	# 89
21) Hexachlorobenzene	16.17	284	1915	0.364	ng	98
22) Pentachlorophenol	16.55	266	475	0.403	ng	94
23) Phenanthrene	16.90	178	9072	0.368	ng	100
24) Anthracene	16.99	178	7269	0.351	ng	100
26) Fluoranthene	18.93	202	10513	0.364	ng	100
28) Pyrene	19.29	202	10392	0.385	ng	100
30) Benzo(a)anthracene	21.05	228	8733	0.373	ng	98
31) Chrysene	21.10	228	10224	0.382	ng	99
32) Bis(2-ethylhexyl)phthalate	21.01	149	3782	0.365	ng	98
33) Indeno(1,2,3-cd)pyrene	25.26	276	10401	0.374	ng	99
35) Benzo(b)fluoranthene	22.56	252	9243	0.358	ng	97
36) Benzo(k)fluoranthene	22.60	252	10886	0.381	ng	98
37) Benzo(a)pyrene	23.10	252	8242	0.362	ng	96
38) Dibenzo(a,h)anthracene	25.28	278	8131	0.355	ng	98
39) Benzo(g,h,i)perylene	25.89	276	9280	0.368	ng	99

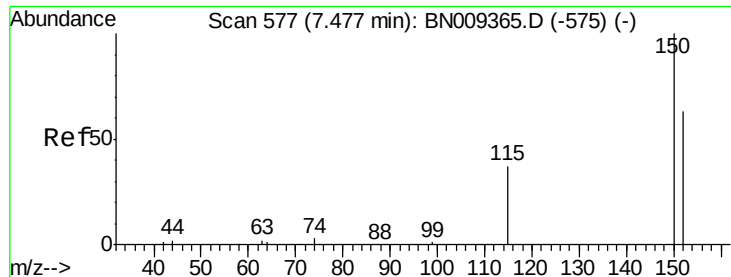
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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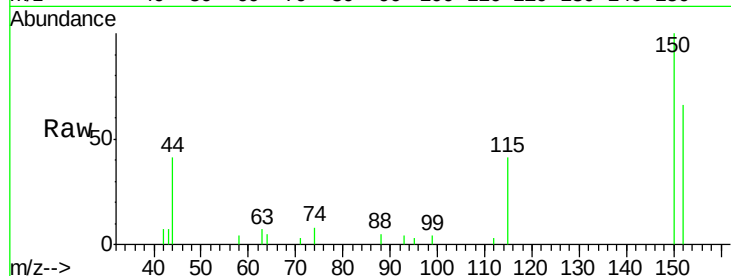


#1

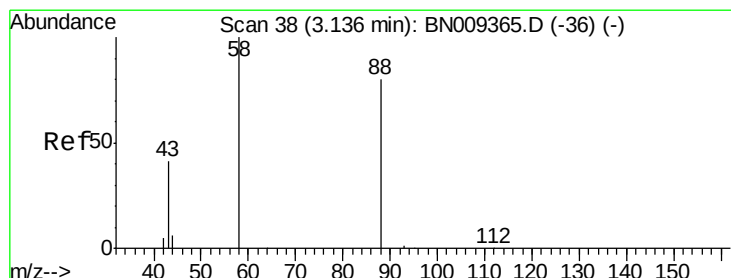
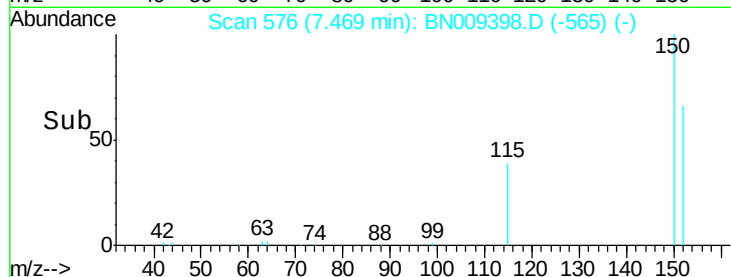
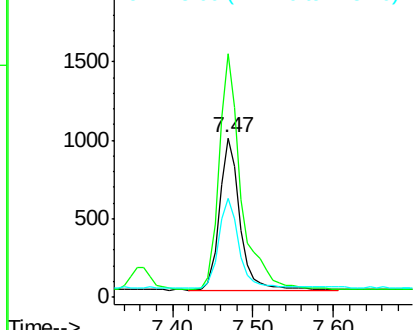
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1695
Ion Ratio Lower Upper
152 100
150 152.5 125.7 188.5
115 62.1 53.3 79.9



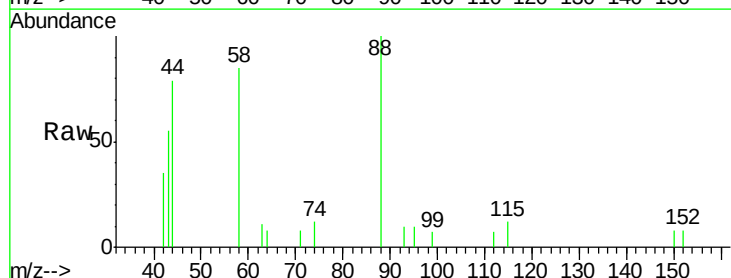
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



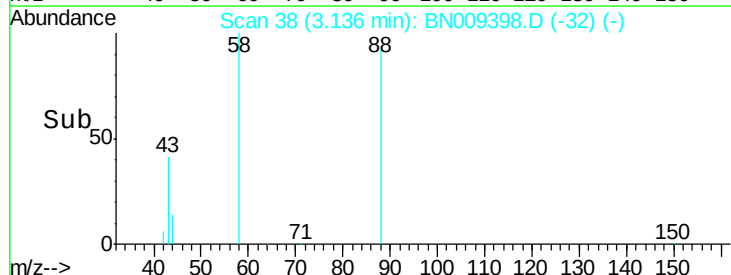
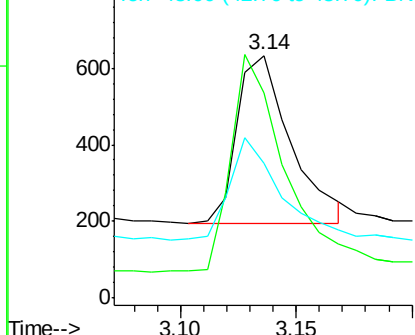
#2

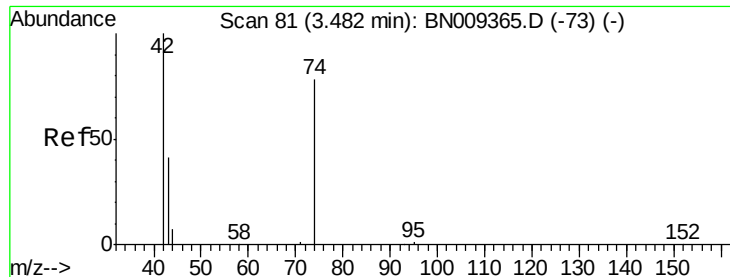
1,4-Dioxane
Concen: 0.397 ng
RT: 3.14 min Scan# 38
Delta R.T. -0.00 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Tgt Ion: 88 Resp: 701
Ion Ratio Lower Upper
88 100
58 128.0 100.2 150.2
43 58.3 43.1 64.7



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



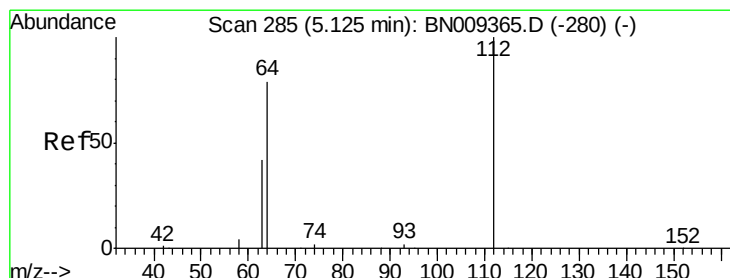
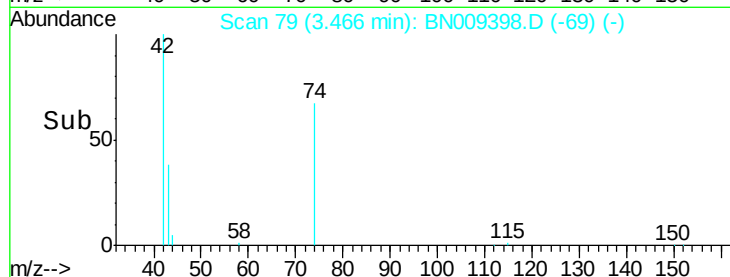
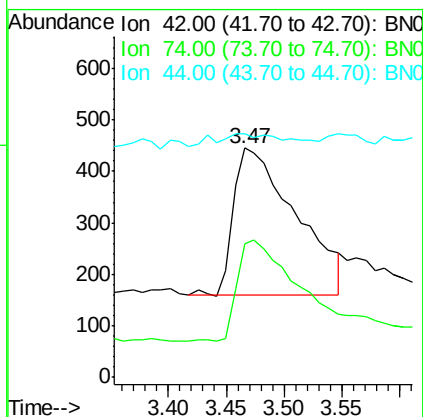
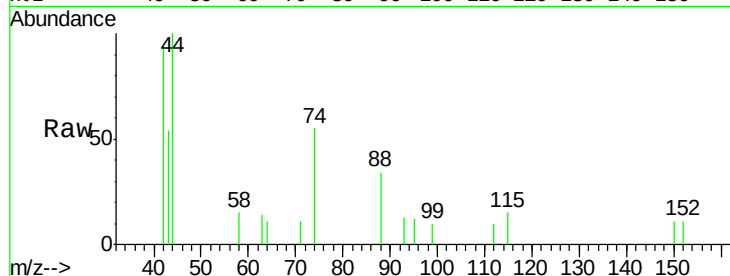


#3

n-Nitrosodimethylamine
 Concen: 0.388 ng
 RT: 3.47 min Scan# 79
 Delta R.T. -0.02 min
 Lab File: BN009398.D
 Acq: 20 Jan 2020 11:37

Instrument :
 BNA_N
 ClientSampleId :

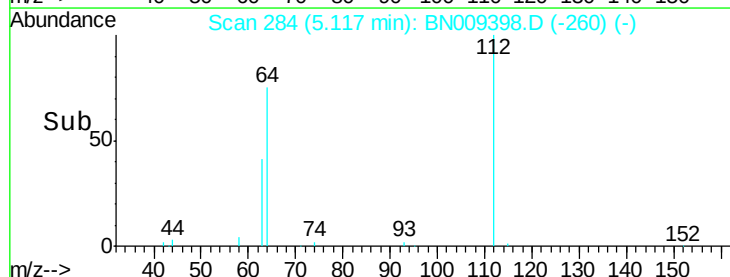
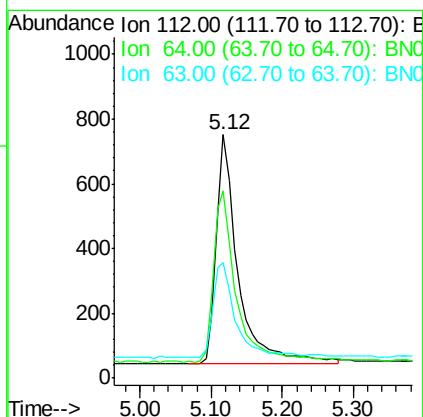
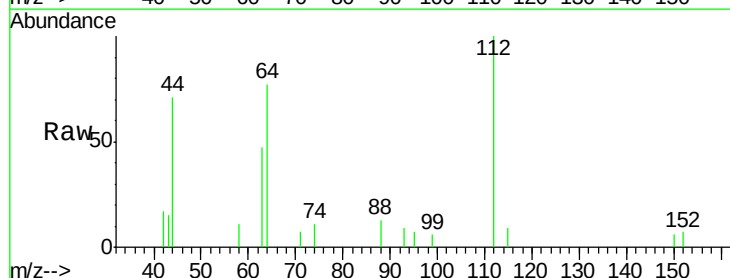
Tot Ion: 42 Resp: 1060
 Ion Ratio Lower Upper
 42 100
 74 67.9 55.8 83.8
 44 5.5 11.1 16.7#

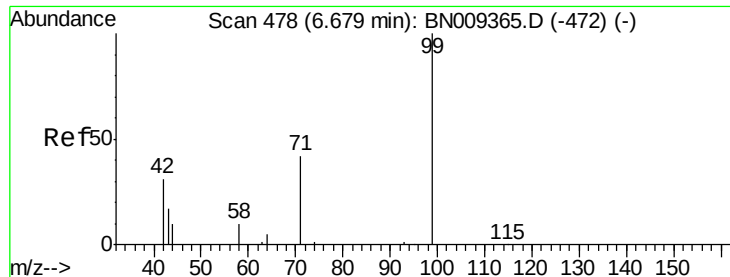


#4

2-Fluorophenol
 Concen: 0.386 ng
 RT: 5.12 min Scan# 284
 Delta R.T. -0.01 min
 Lab File: BN009398.D
 Acq: 20 Jan 2020 11:37

Tgt Ion: 112 Resp: 1505
 Ion Ratio Lower Upper
 112 100
 64 77.8 61.5 92.3
 63 42.4 35.0 52.4





#5

Phenol-d6

Concen: 0.373 ng

RT: 6.67 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

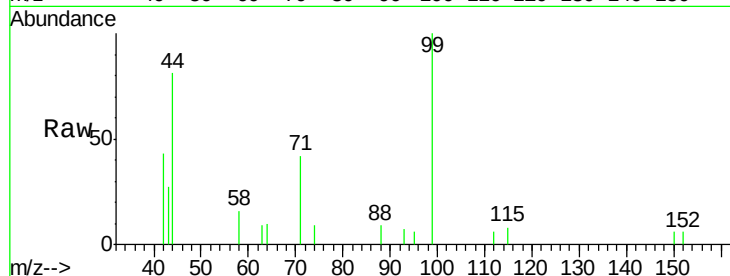
Instrument :

BNA_N

ClientSampled :

Tot Ion: 99 Resp: 1682

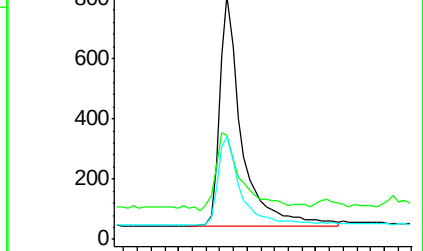
Ion	Ratio	Lower	Upper
99	100		
42	42.2	27.6	41.4#
71	40.2	33.0	49.6



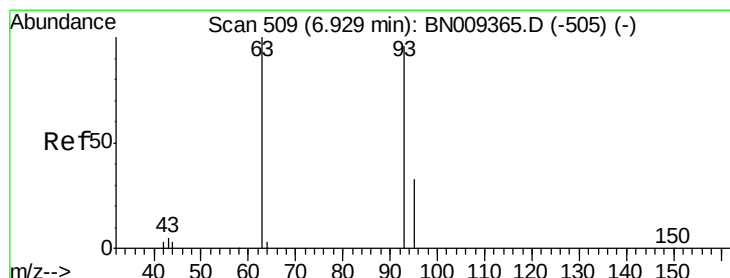
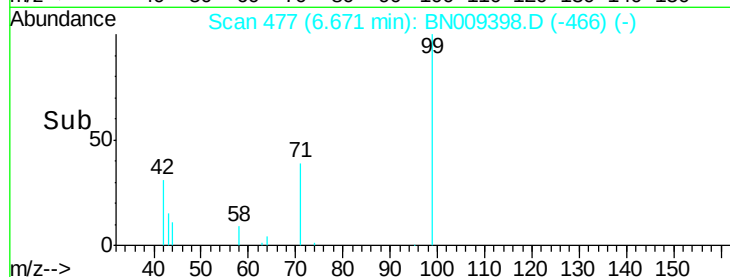
Abundance Ion 99.00 (98.70 to 99.70): BN009398.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN009398.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN009398.D (-472) (-)



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.373 ng

RT: 6.92 min Scan# 508

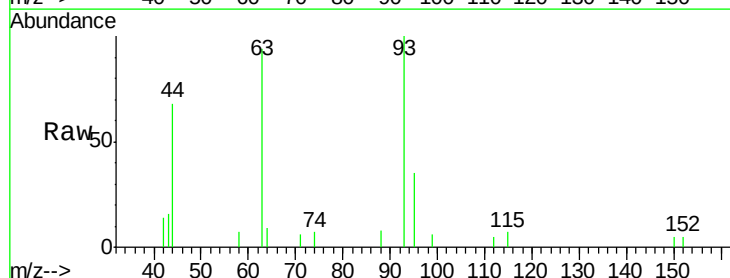
Delta R.T. -0.01 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

Tgt Ion: 93 Resp: 1731

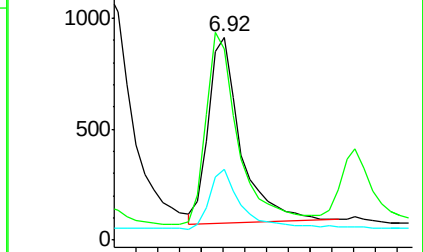
Ion	Ratio	Lower	Upper
93	100		
63	103.8	85.1	127.7
95	32.4	30.2	45.4



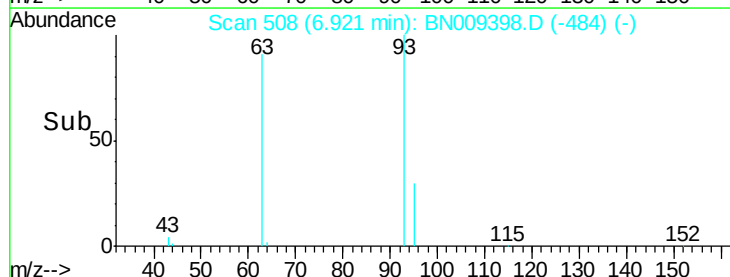
Abundance Ion 93.00 (92.70 to 93.70): BN009398.D (-505) (-)

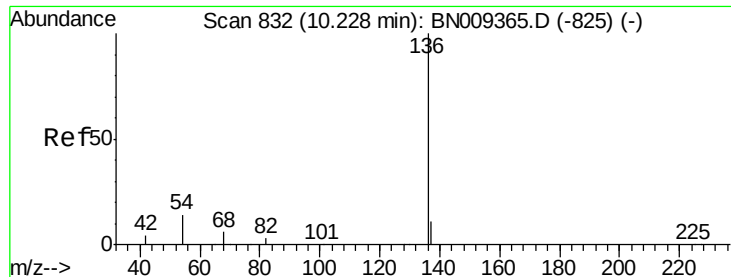
Ion 63.00 (62.70 to 63.70): BN009398.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN009398.D (-505) (-)



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.22 min Scan# 831

Delta R.T. -0.01 min

Lab File: BN009398.D

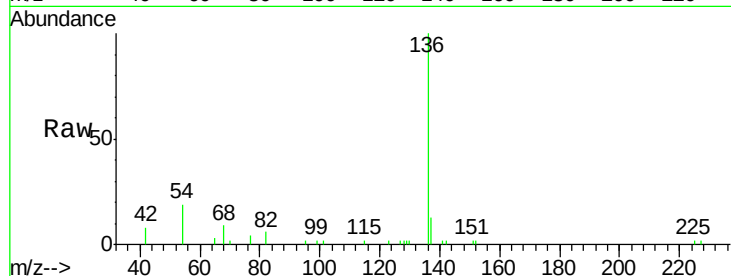
Acq: 20 Jan 2020 11:37

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136	Resp:	5803
Ion	Ratio	Lower Upper
136	100	
137	12.8	10.3 15.5
54	19.2	12.6 19.0#
68	8.7	6.5 9.7

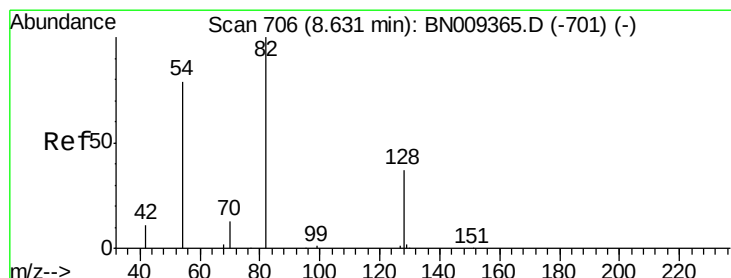
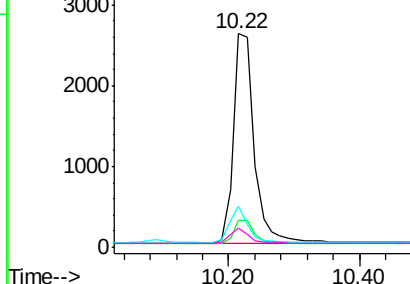
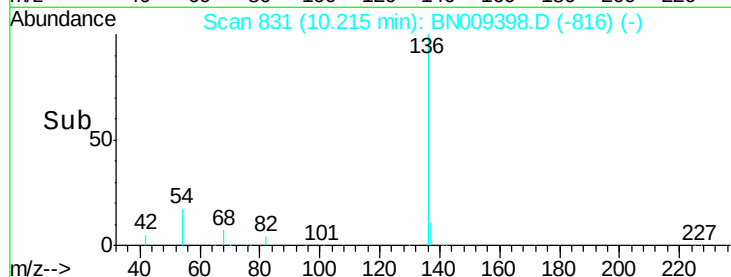


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.361 ng

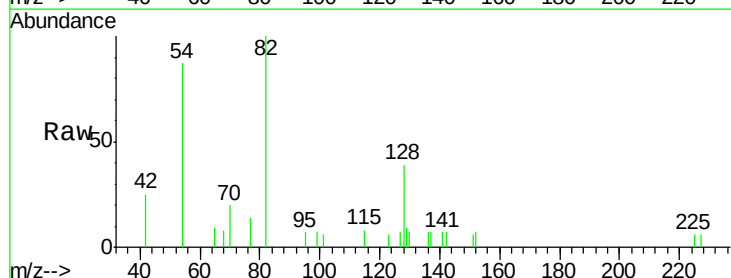
RT: 8.62 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

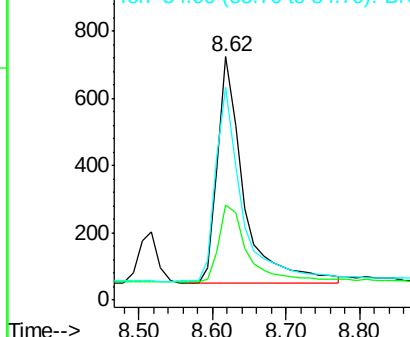
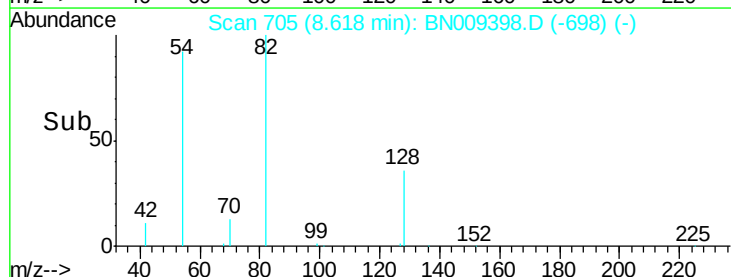
Tgt Ion: 82	Resp:	1671
Ion	Ratio	Lower Upper
82	100	
128	39.0	34.8 52.2
54	87.4	65.8 98.6

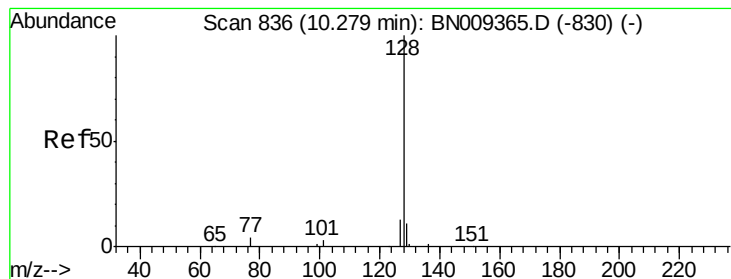


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.383 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.01 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_N

ClientSampleId :

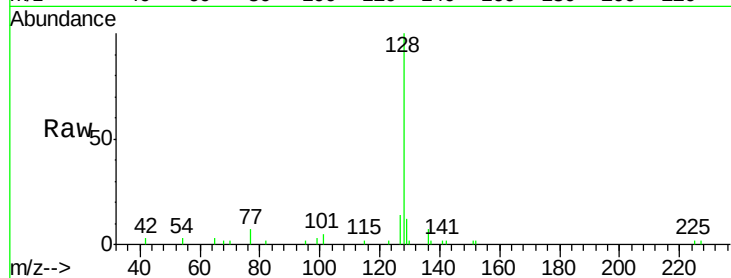
Tot Ion:128 Resp: 6011

Ion Ratio Lower Upper

128 100

129 12.0 10.4 15.6

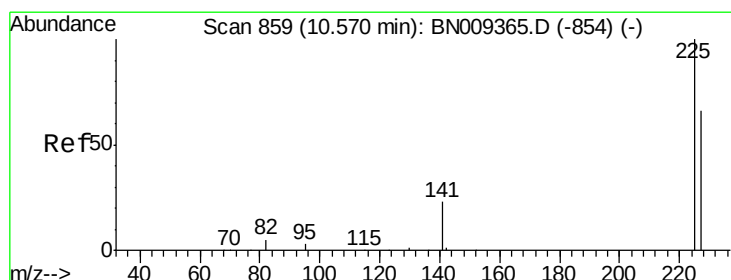
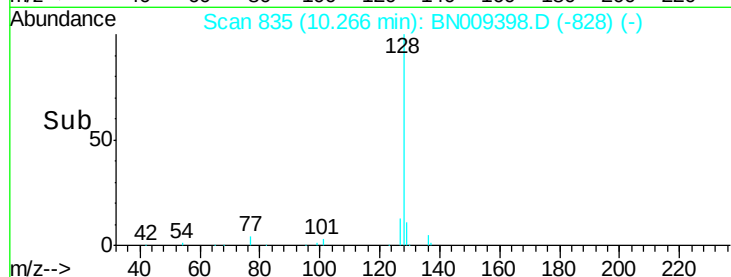
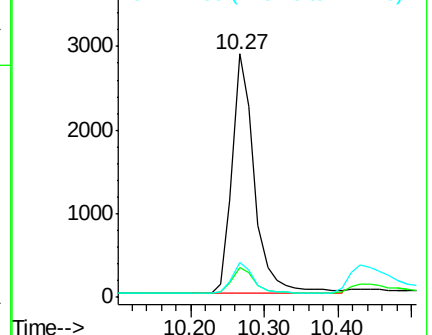
127 14.5 11.4 17.2



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: 0.406 ng

RT: 10.56 min Scan# 858

Delta R.T. -0.01 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

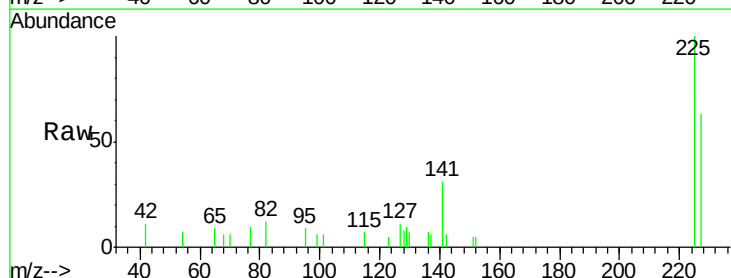
Tgt Ion:225 Resp: 1398

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

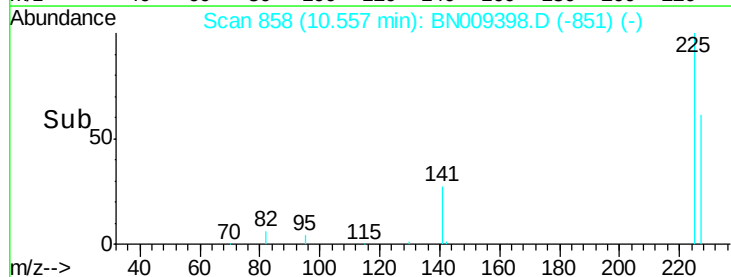
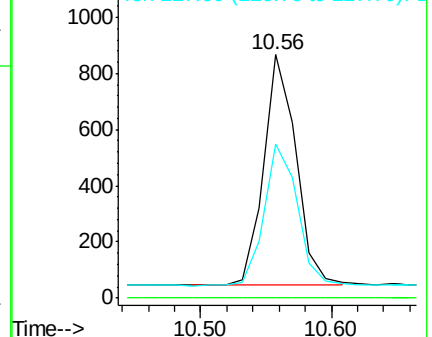
227 63.4 52.6 78.8

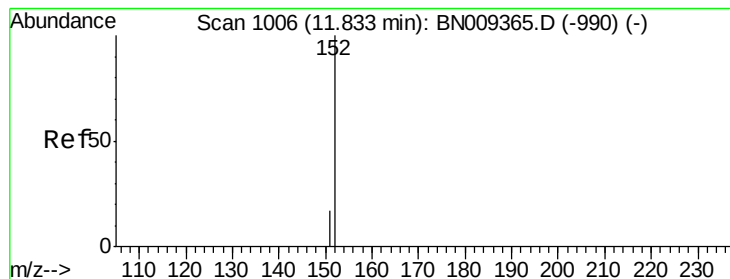


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.385 ng

RT: 11.82 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_N

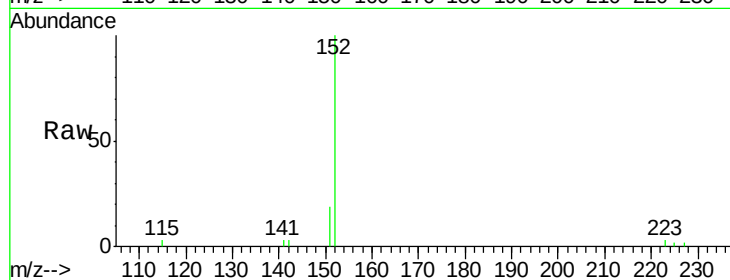
ClientSampleId :

Tot Ion:152 Resp: 4314

Ion Ratio Lower Upper

152 100

151 18.3 14.8 22.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.82

2000

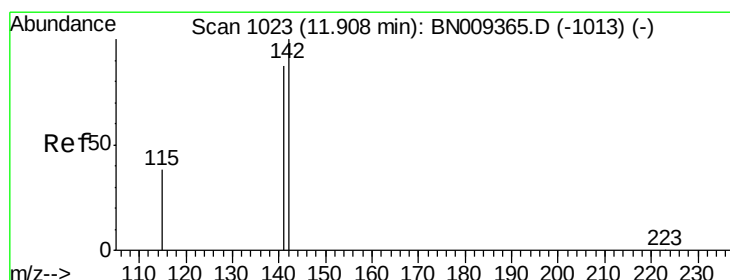
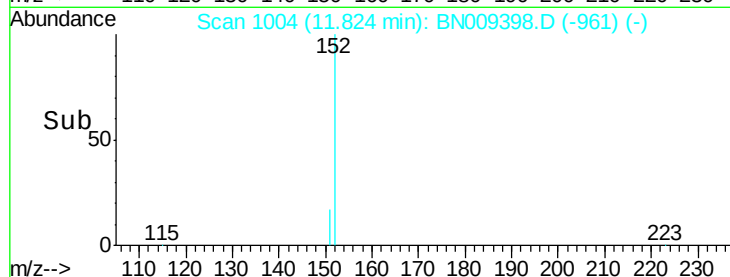
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.382 ng

RT: 11.90 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

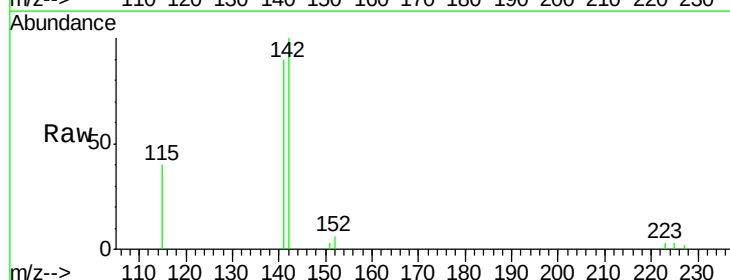
Tgt Ion:142 Resp: 4176

Ion Ratio Lower Upper

142 100

141 89.9 69.8 104.6

115 40.4 32.5 48.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

3000

2500

2000

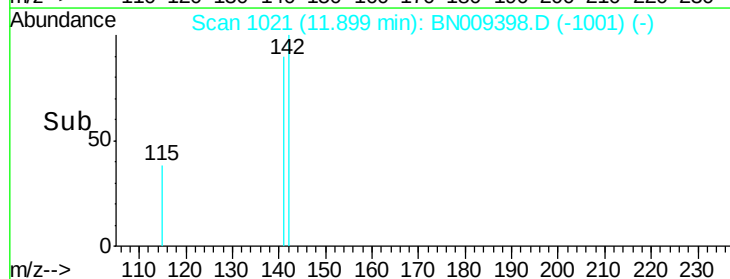
1500

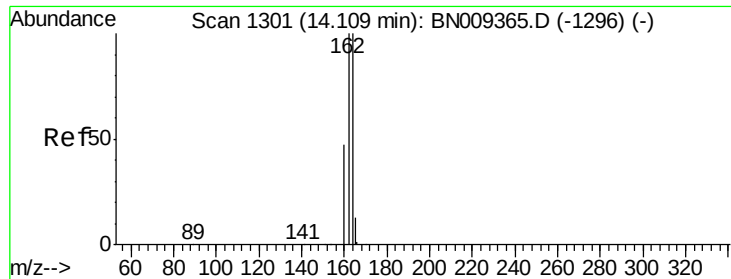
1000

500

0

Time-->

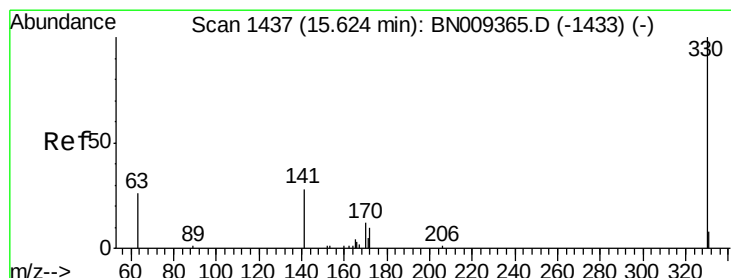
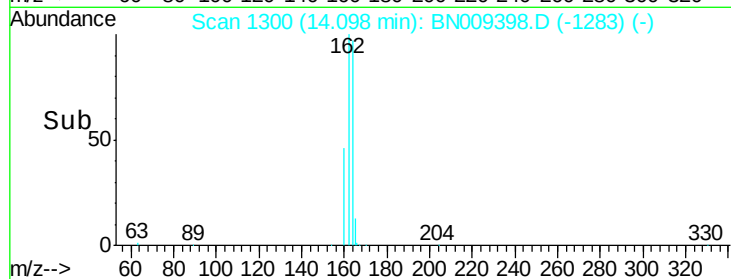
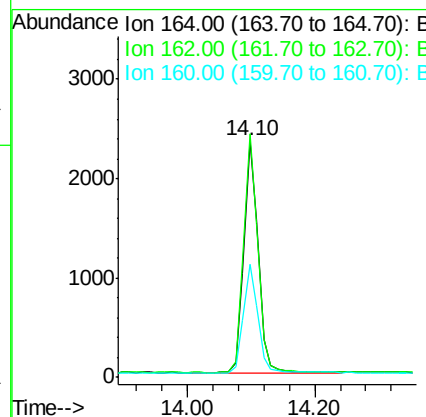
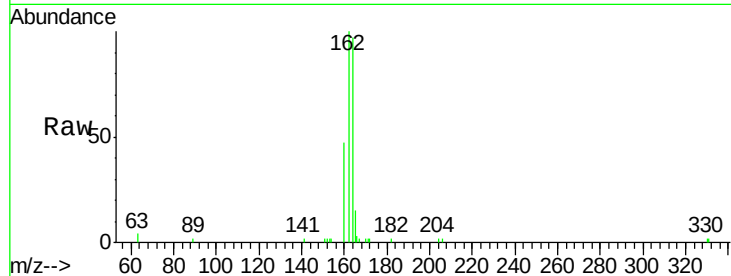




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.10 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BN009398.D
 Acq: 20 Jan 2020 11:37

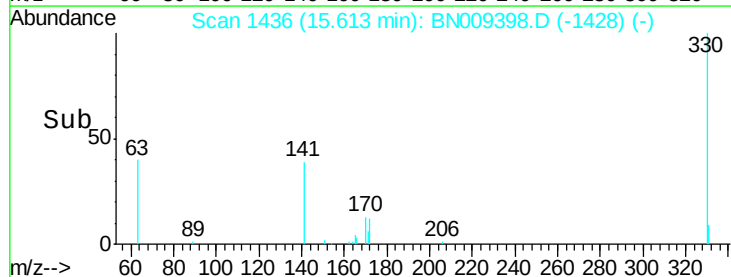
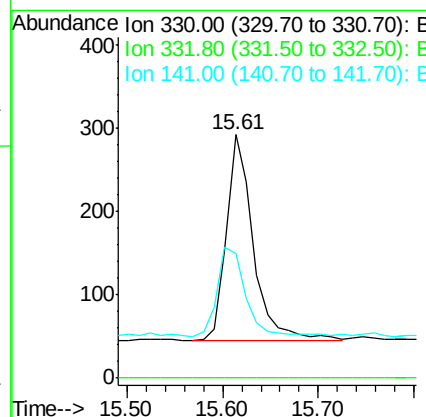
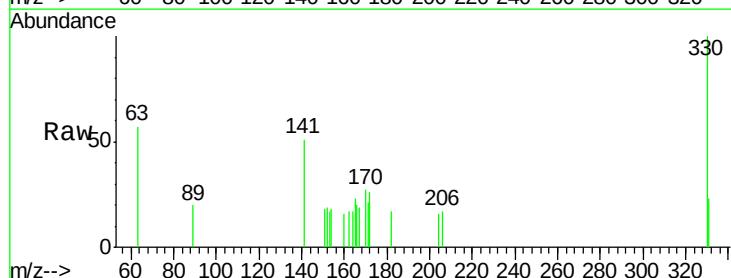
Instrument :
 BNA_N
 ClientSampleId :

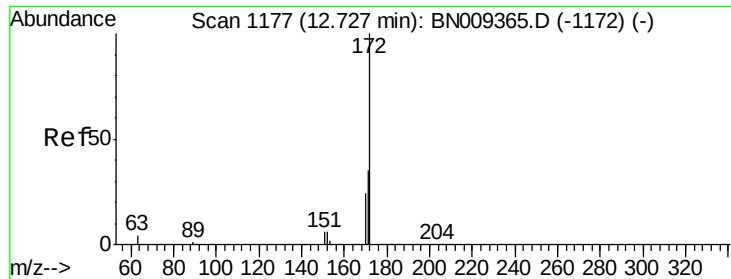
Tot Ion:164 Resp: 3673
 Ion Ratio Lower Upper
 164 100
 162 103.2 79.8 119.6
 160 48.0 38.4 57.6



#14
 2,4,6-Tribromophenol
 Concen: 0.347 ng
 RT: 15.61 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BN009398.D
 Acq: 20 Jan 2020 11:37

Tgt Ion:330 Resp: 482
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 45.9 33.1 49.7





#15

2-Fluorobiphenyl

Concen: 0.385 ng

RT: 12.73 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

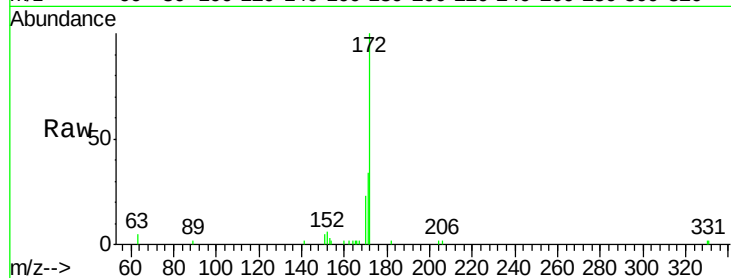
Instrument :

BNA_N

ClientSampleId :

Tot Ion:172 Resp: 5296

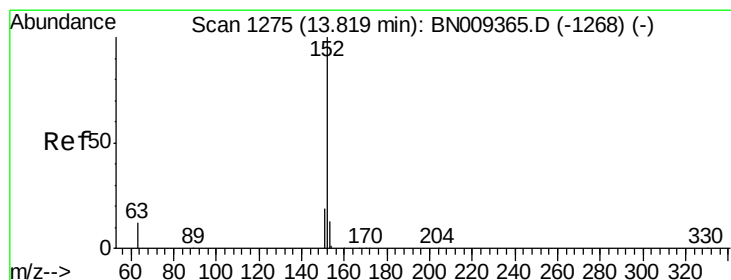
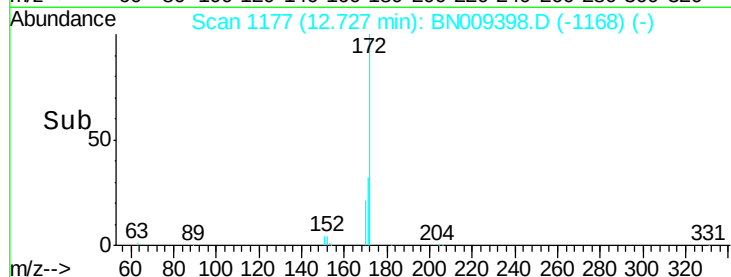
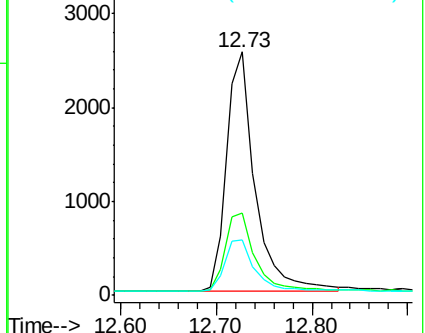
Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.5	44.3
170	22.8	20.7	31.1



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: 0.359 ng

RT: 13.82 min Scan# 1275

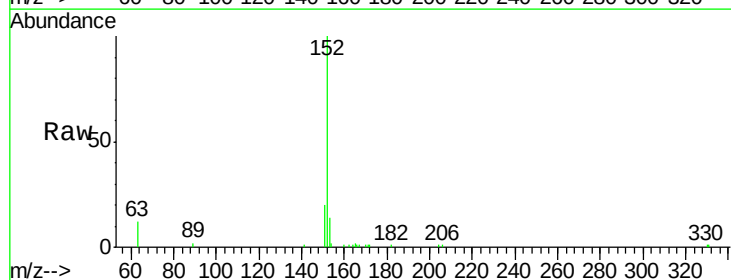
Delta R.T. -0.00 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

Tgt Ion:152 Resp: 5683

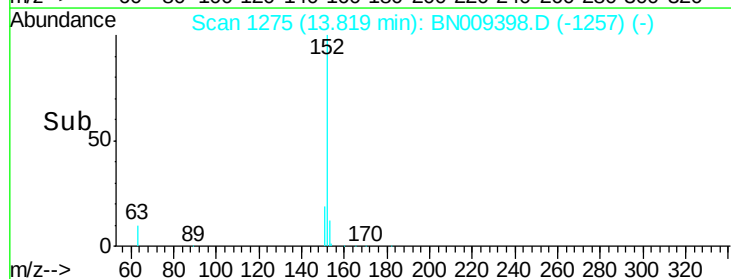
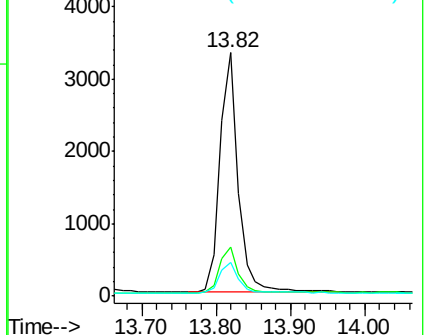
Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2
153	13.0	10.4	15.6

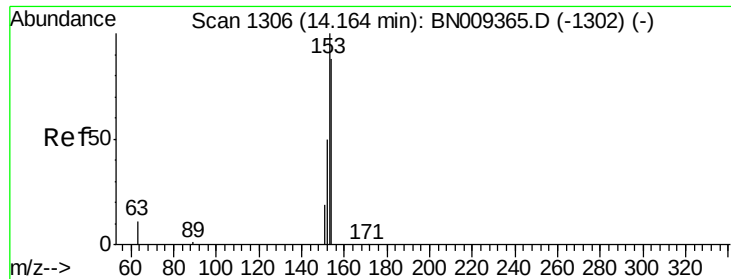


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.379 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_N

ClientSampleId :

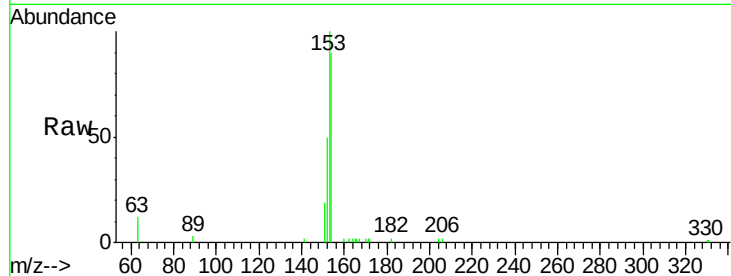
Tot Ion:154 Resp: 4224

Ion Ratio Lower Upper

154 100

153 112.7 90.5 135.7

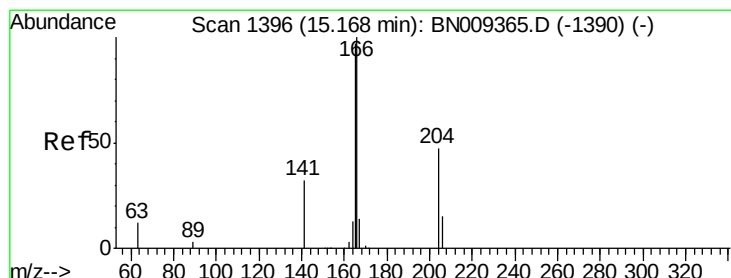
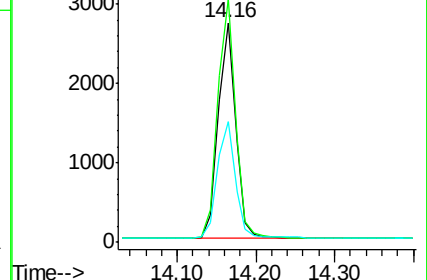
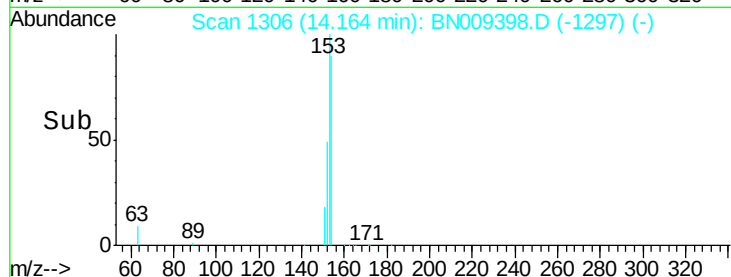
152 55.4 45.3 67.9



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: 0.378 ng

RT: 15.16 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

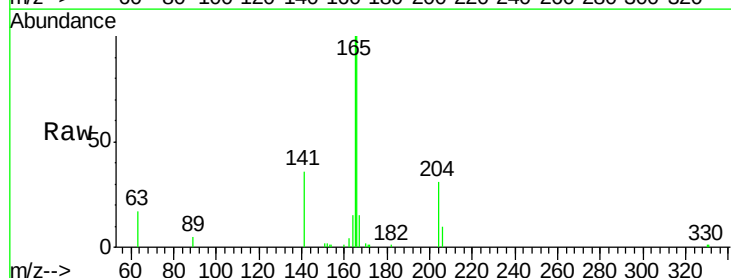
Tgt Ion:166 Resp: 5482

Ion Ratio Lower Upper

166 100

165 96.3 78.2 117.2

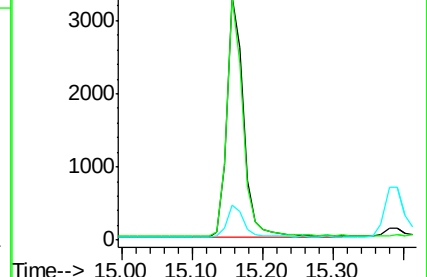
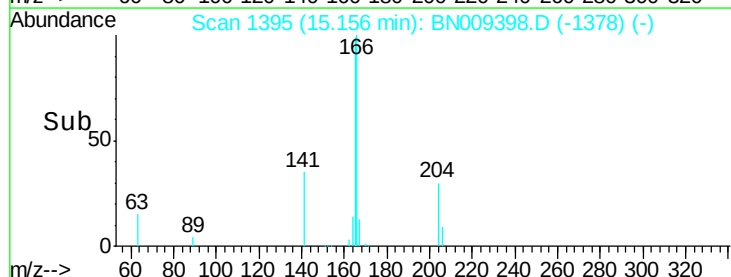
167 13.2 11.0 16.6

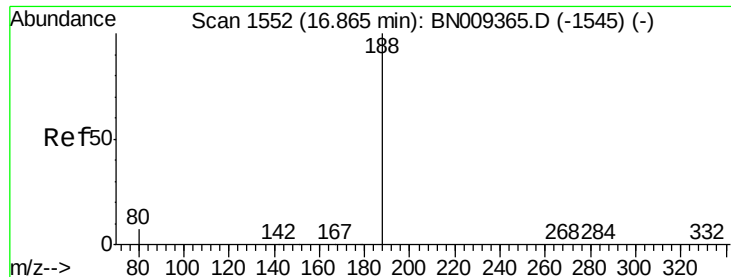


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.85 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_N

ClientSampleId :

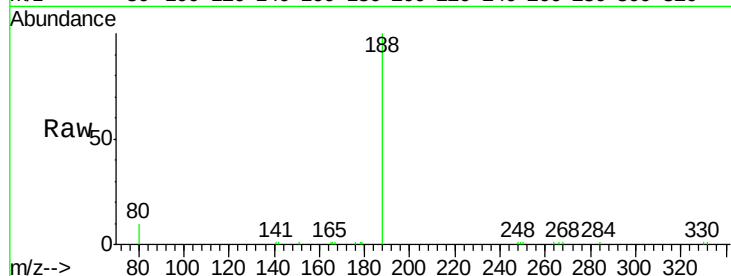
Tot Ion:188 Resp: 8199

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

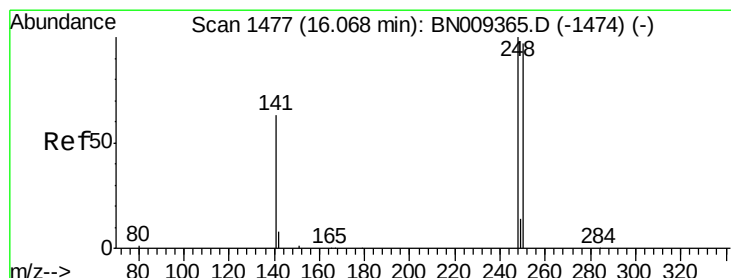
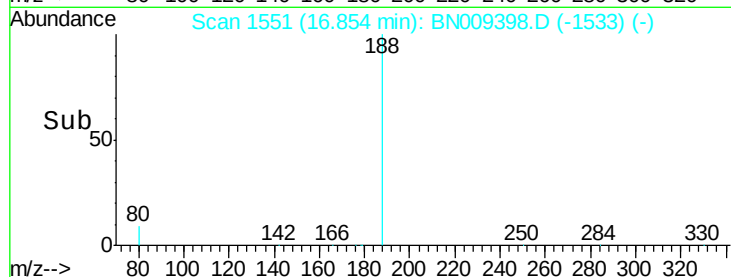
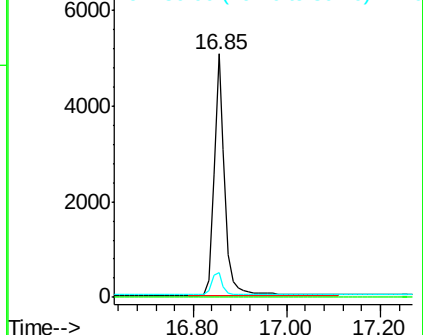
80 10.0 6.6 10.0#



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: 0.366 ng

RT: 16.06 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

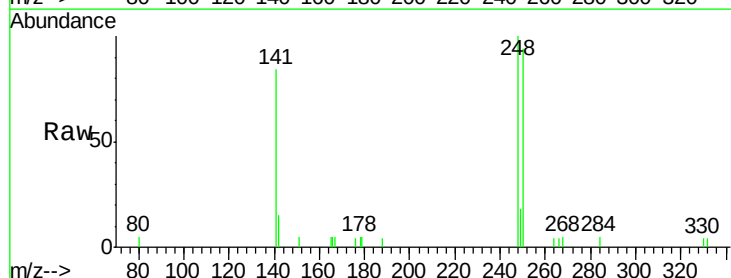
Tgt Ion:248 Resp: 1807

Ion Ratio Lower Upper

248 100

250 93.5 77.8 116.8

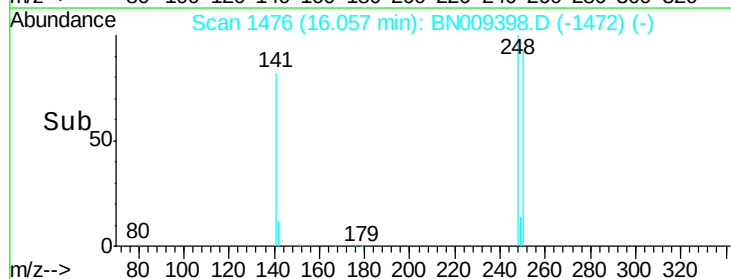
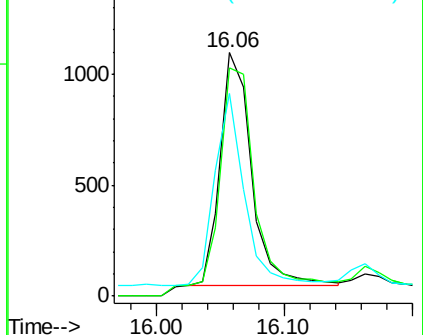
141 83.5 53.4 80.0#

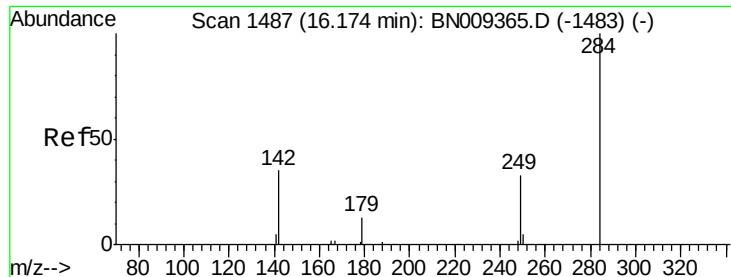


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.364 ng

RT: 16.17 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_N

ClientSampleId :

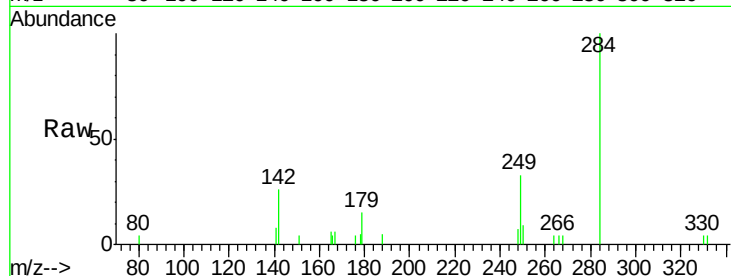
Tot Ion:284 Resp: 1915

Ion Ratio Lower Upper

284 100

142 44.4 33.8 50.8

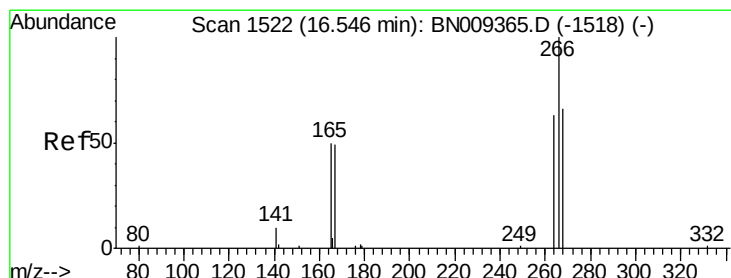
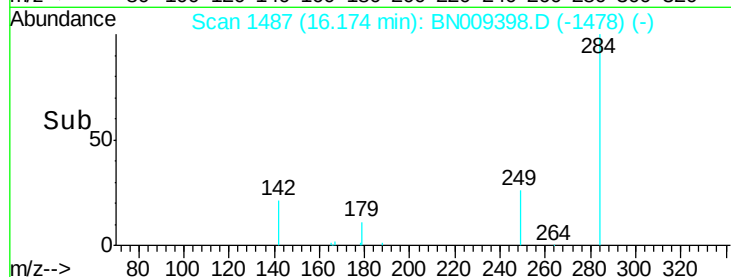
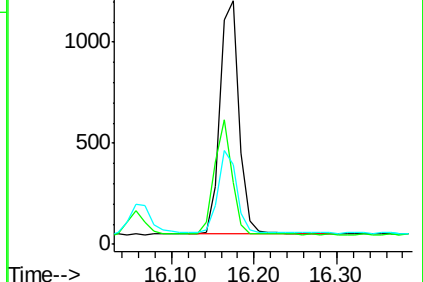
249 33.7 27.0 40.4



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: 0.403 ng

RT: 16.55 min Scan# 1522

Delta R.T. 0.00 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

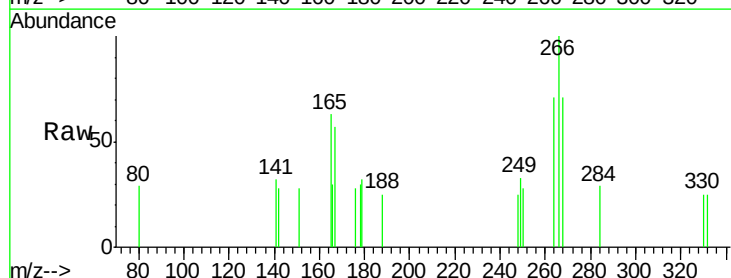
Tgt Ion:266 Resp: 475

Ion Ratio Lower Upper

266 100

264 70.7 57.8 86.6

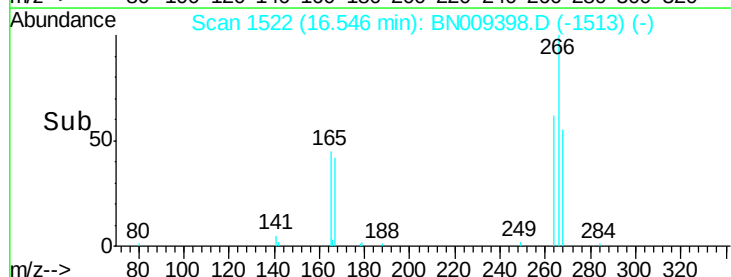
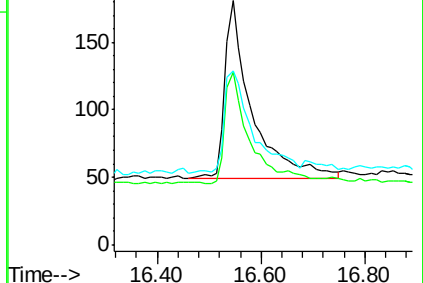
268 71.3 63.8 95.6

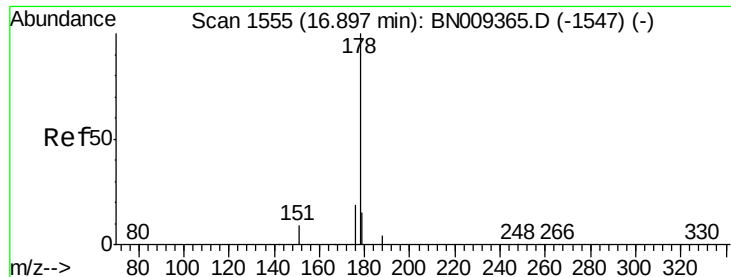


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.368 ng

RT: 16.90 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_N

ClientSampleId :

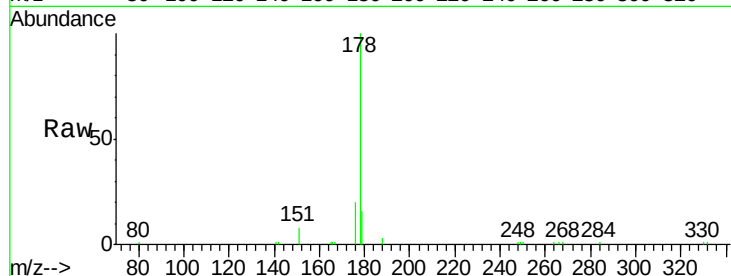
Tot Ion:178 Resp: 9072

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

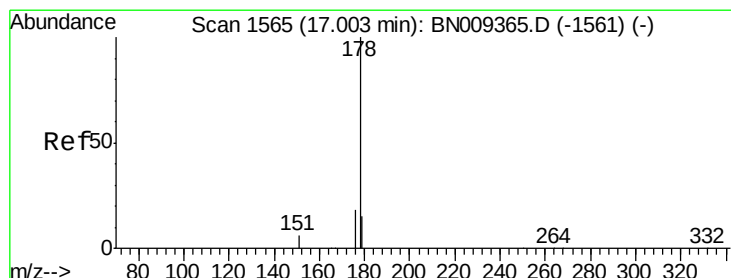
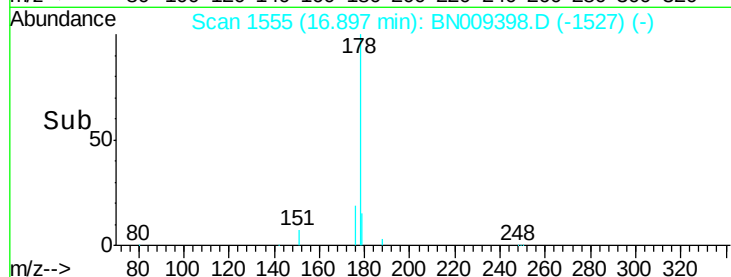
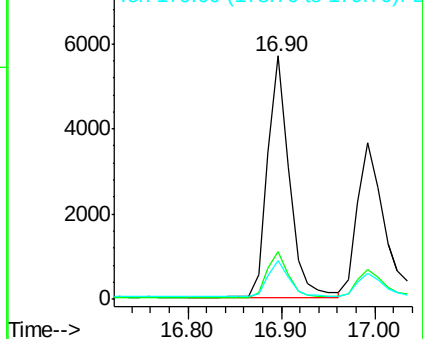
179 15.5 12.3 18.5



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: 0.351 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

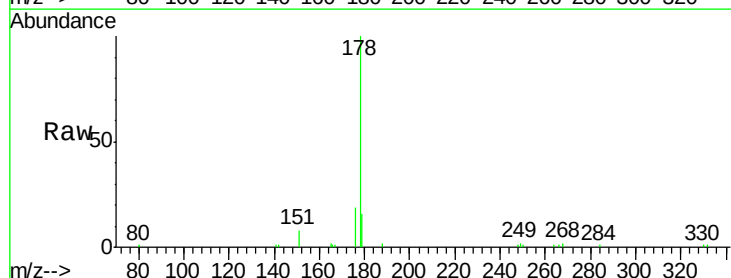
Tgt Ion:178 Resp: 7269

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

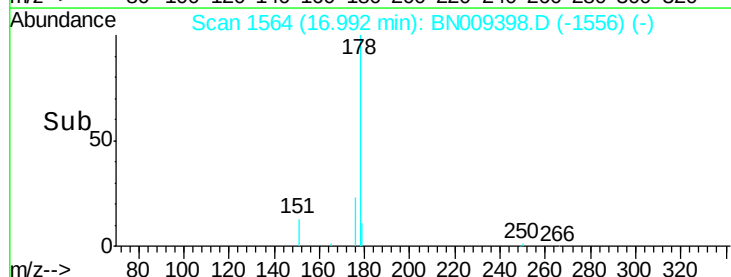
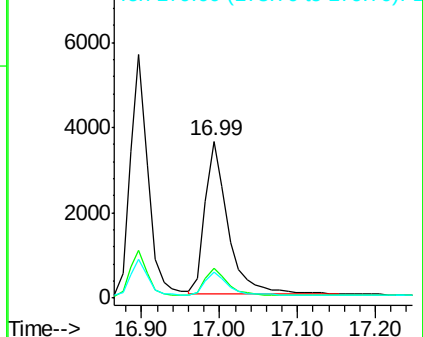
179 15.4 12.5 18.7

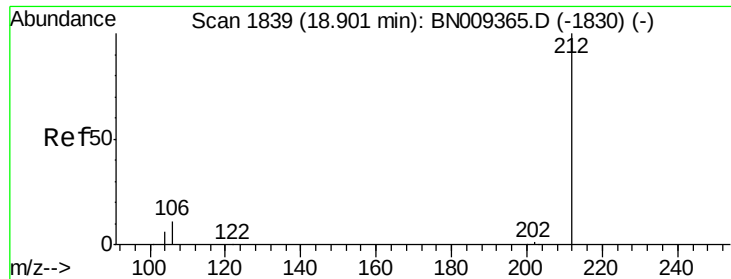


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.364 ng

RT: 18.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_N

ClientSampleId :

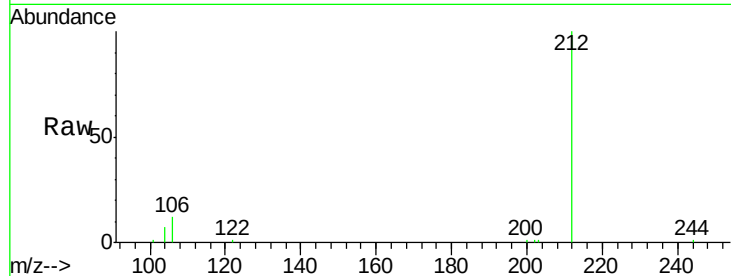
Tot Ion:212 Resp: 10234

Ion Ratio Lower Upper

212 100

106 11.7 9.2 13.8

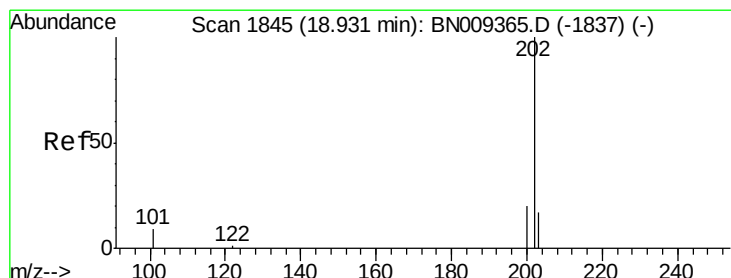
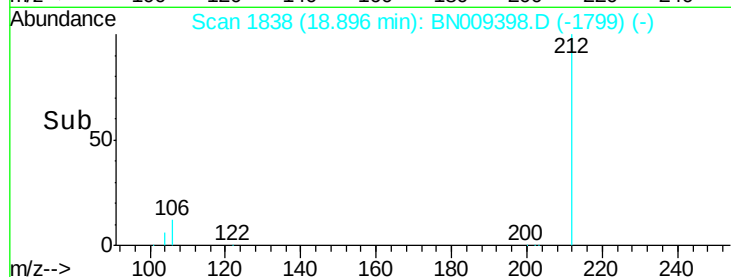
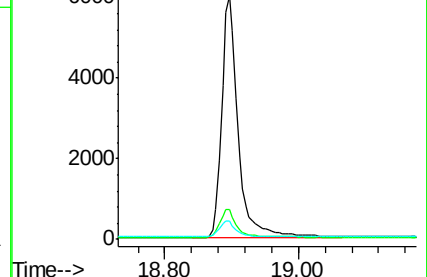
104 6.4 5.4 8.0



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: 0.364 ng

RT: 18.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

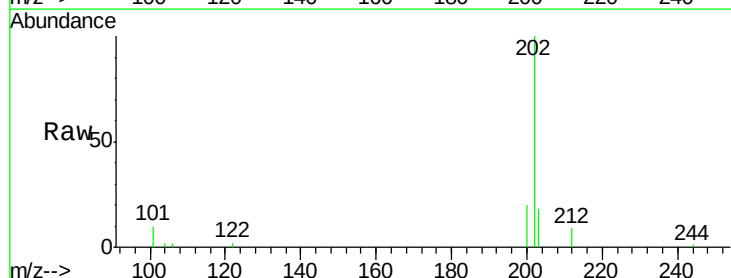
Tgt Ion:202 Resp: 10513

Ion Ratio Lower Upper

202 100

101 9.8 8.0 12.0

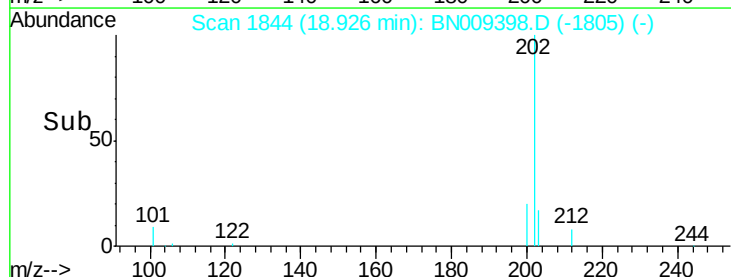
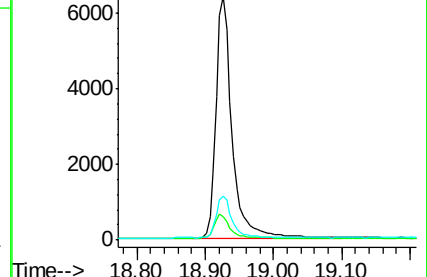
203 16.9 13.5 20.3

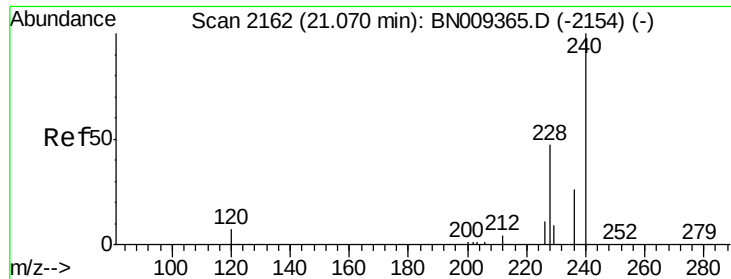


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.06 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_N

ClientSampleId :

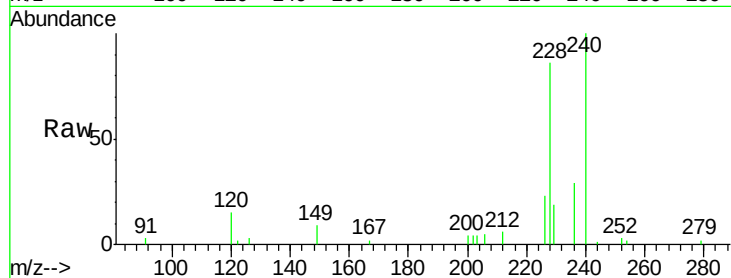
Tot Ion:240 Resp: 7120

Ion Ratio Lower Upper

240 100

120 14.8 8.1 12.1#

236 28.8 22.2 33.4

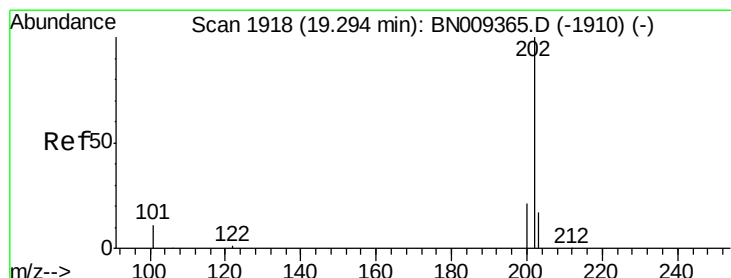
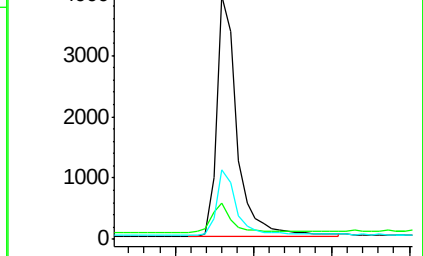
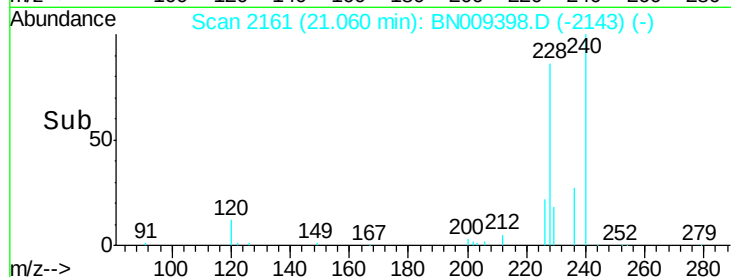


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.06



#28

Pyrene

Concen: 0.385 ng

RT: 19.29 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

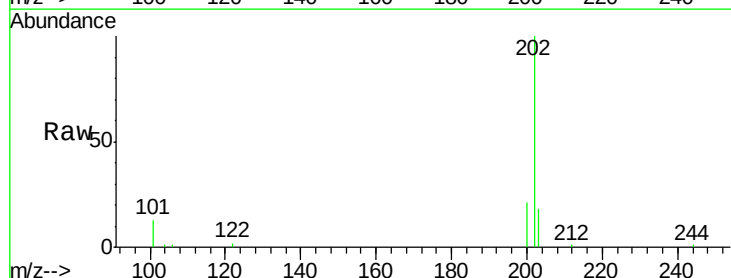
Tgt Ion:202 Resp: 10392

Ion Ratio Lower Upper

202 100

200 20.5 16.2 24.2

203 17.6 14.1 21.1

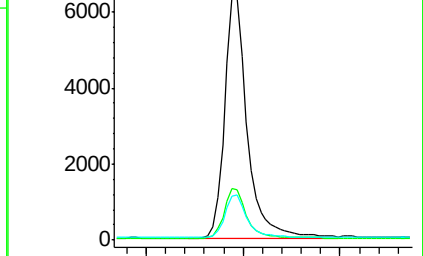
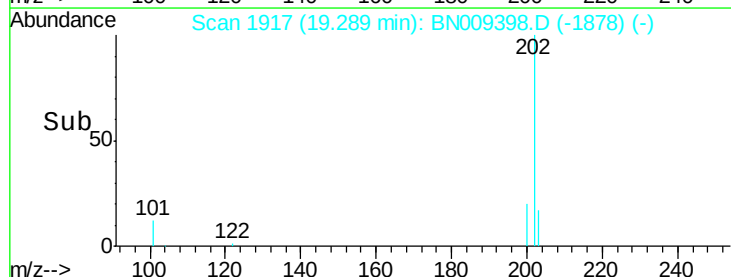


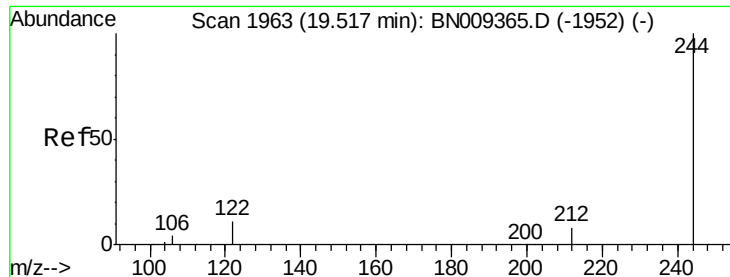
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.29





#29

Terphenyl-d14

Concen: 0.381 ng

RT: 19.51 min Scan# 1962

Delta R.T. -0.00 min

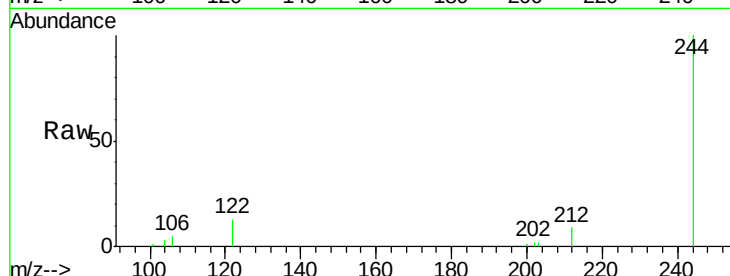
Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_N

ClientSampled :



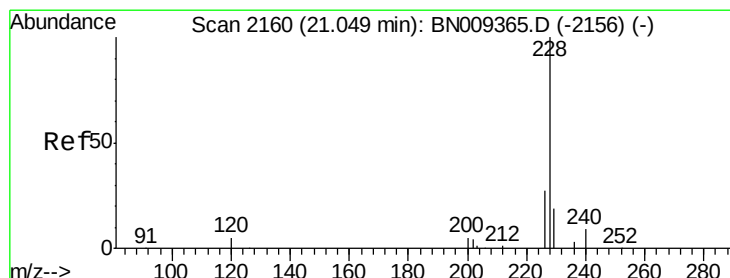
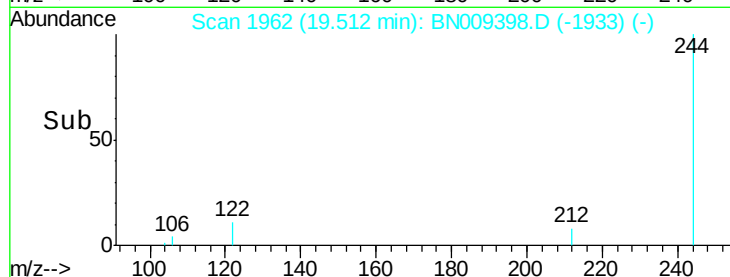
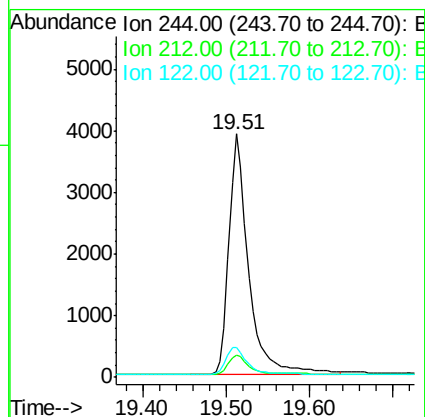
Tot Ion:244 Resp: 6434

Ion Ratio Lower Upper

244 100

212 9.3 7.5 11.3

122 12.5 9.8 14.6



#30

Benzo(a)anthracene

Concen: 0.373 ng

RT: 21.05 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

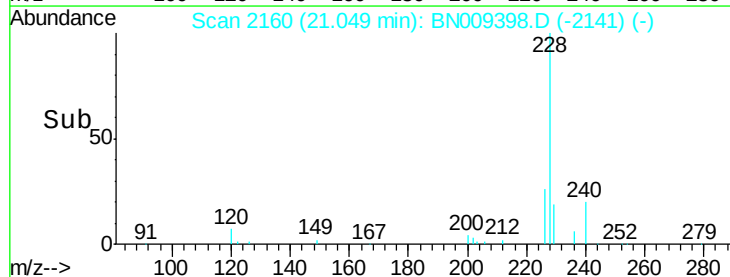
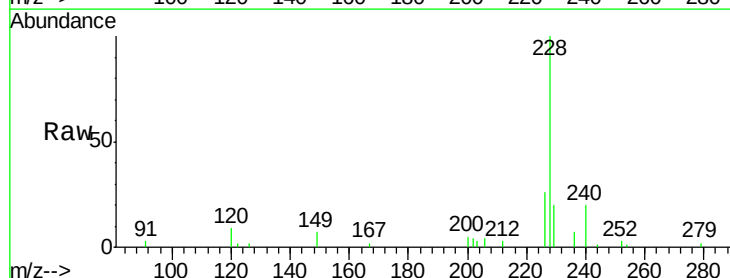
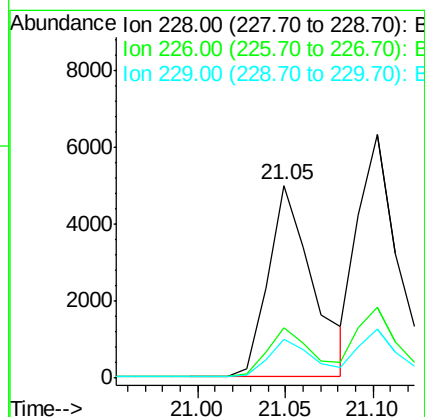
Tgt Ion:228 Resp: 8733

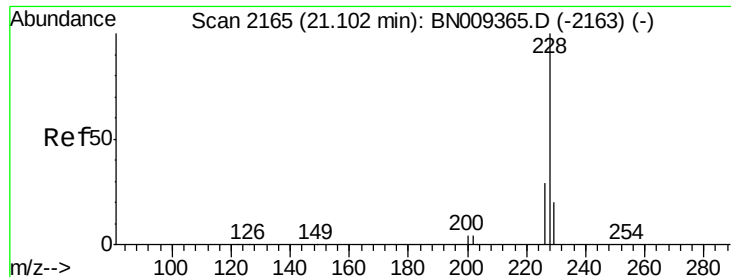
Ion Ratio Lower Upper

228 100

226 26.5 22.5 33.7

229 20.1 16.1 24.1





#31

Chrysene

Concen: 0.382 ng

RT: 21.10 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_N

ClientSampleId :

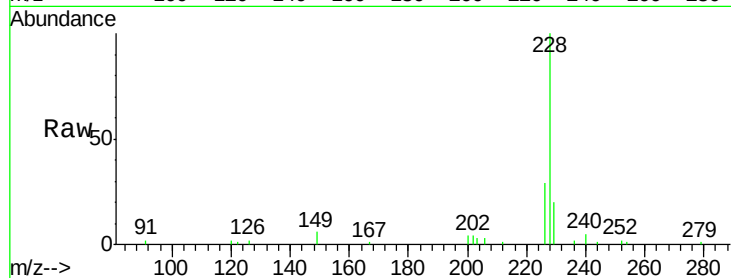
Tot Ion:228 Resp: 10224

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.8

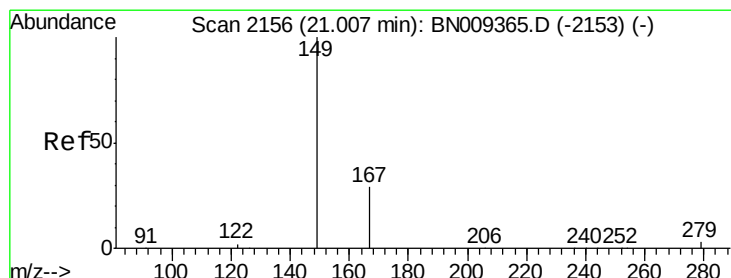
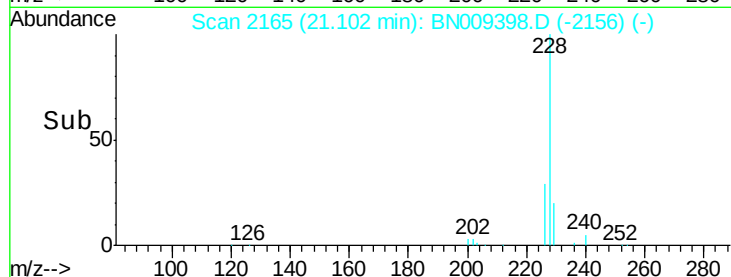
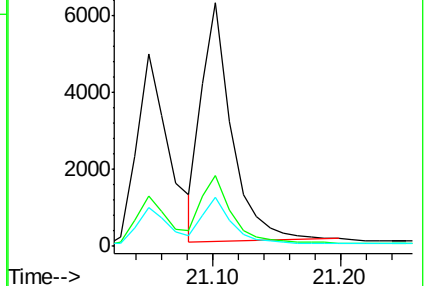
229 20.1 16.6 24.8



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: 0.365 ng

RT: 21.01 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

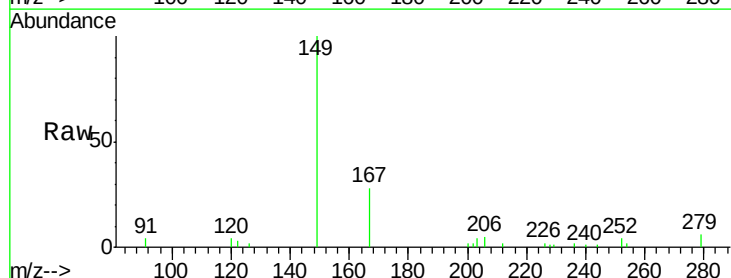
Tgt Ion:149 Resp: 3782

Ion Ratio Lower Upper

149 100

167 27.5 22.9 34.3

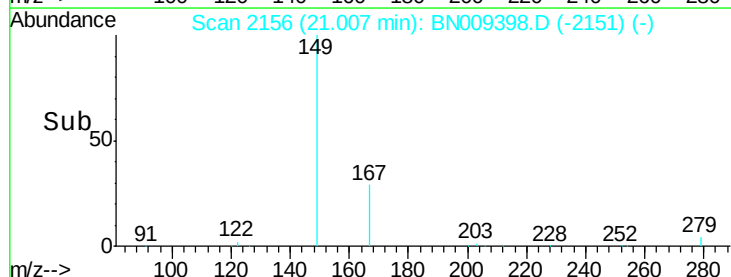
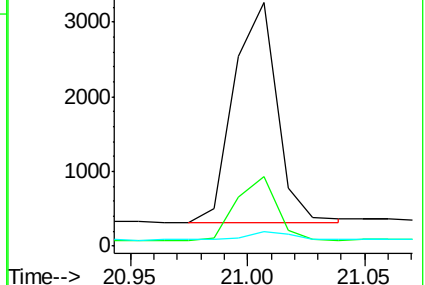
279 4.0 3.4 5.0

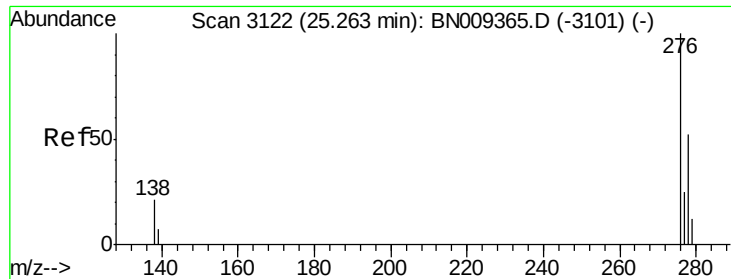


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

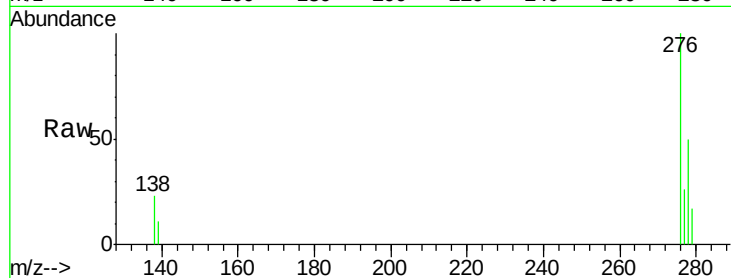




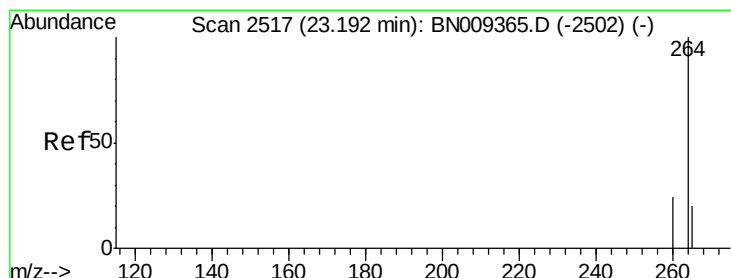
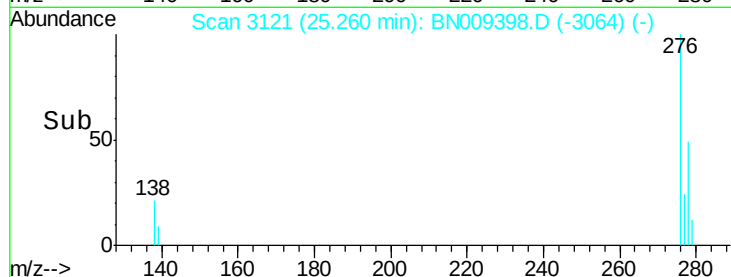
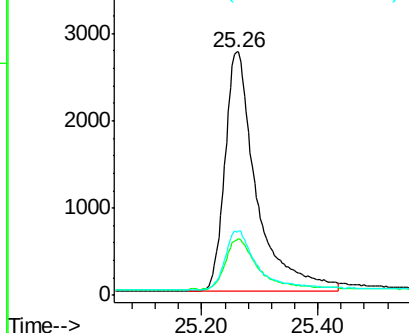
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng
RT: 25.26 min Scan# 3121
Delta R.T. -0.00 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 10401
Ion Ratio Lower Upper
276 100
138 20.7 15.9 23.9
277 25.0 19.8 29.6

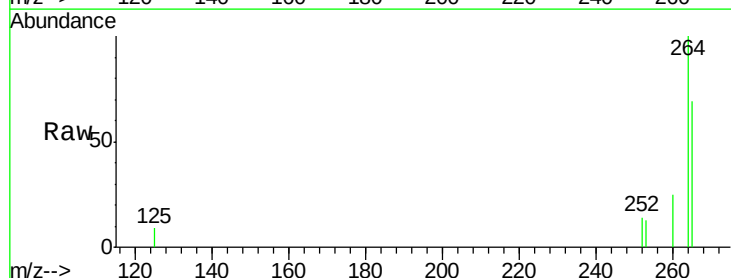


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

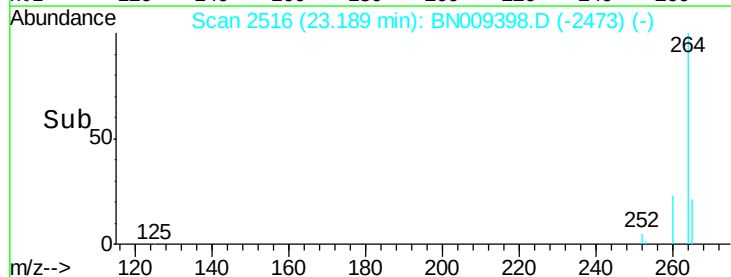
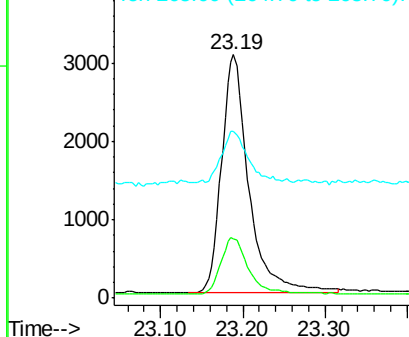


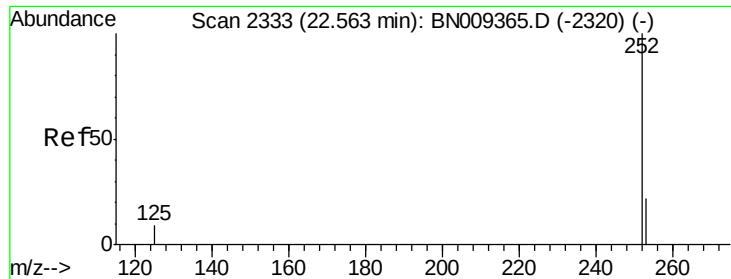
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BN009398.D
Acq: 20 Jan 2020 11:37

Tgt Ion:264 Resp: 7029
Ion Ratio Lower Upper
264 100
260 24.5 20.1 30.1
265 68.7 68.2 102.4



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: 0.358 ng

RT: 22.56 min Scan# 2332

Delta R.T. -0.00 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_N

ClientSampleId :

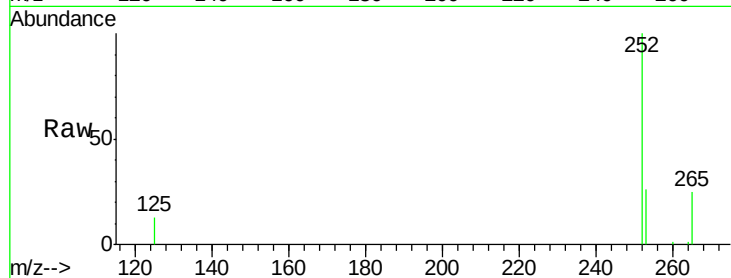
Tot Ion:252 Resp: 9243

Ion Ratio Lower Upper

252 100

253 26.4 22.4 33.6

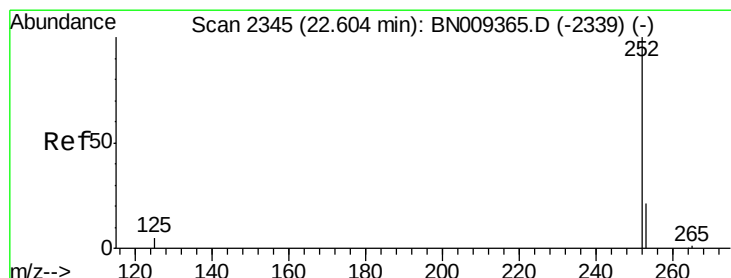
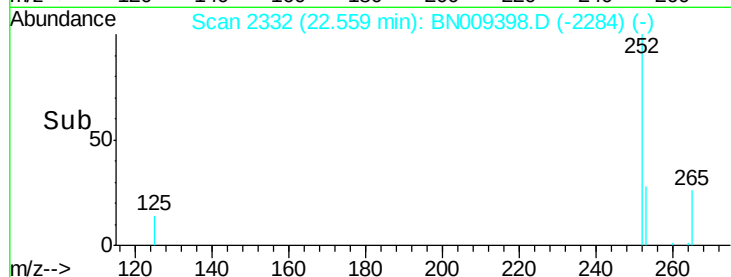
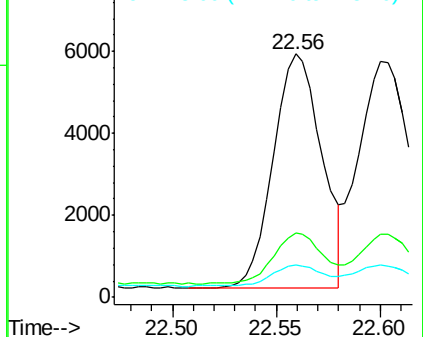
125 13.2 11.6 17.4



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



#36

Benzo(k)fluoranthene

Concen: 0.381 ng

RT: 22.60 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

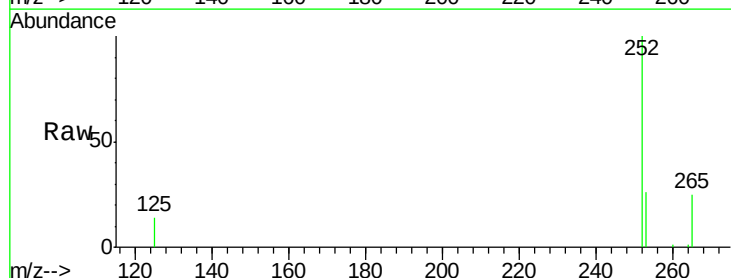
Tgt Ion:252 Resp: 10886

Ion Ratio Lower Upper

252 100

253 26.5 21.9 32.9

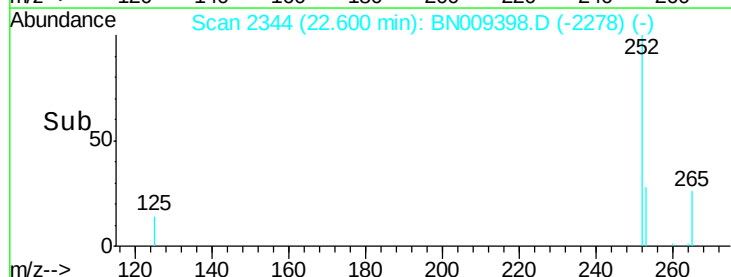
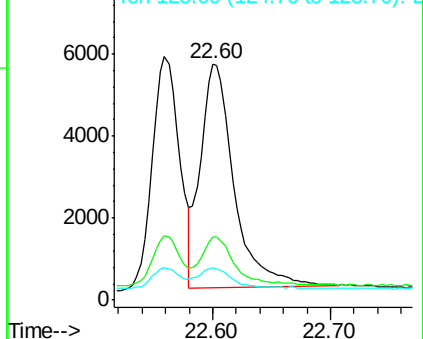
125 13.7 12.0 18.0

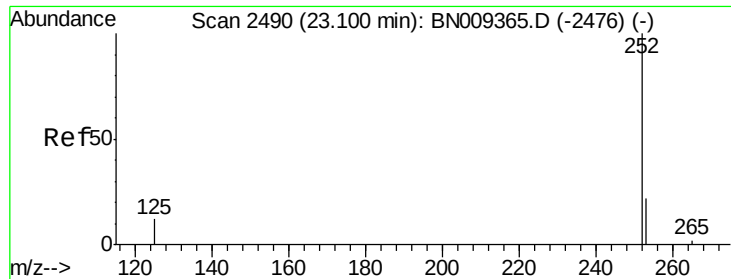


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.362 ng

RT: 23.10 min Scan# 2489

Delta R.T. -0.00 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_N

ClientSampleId :

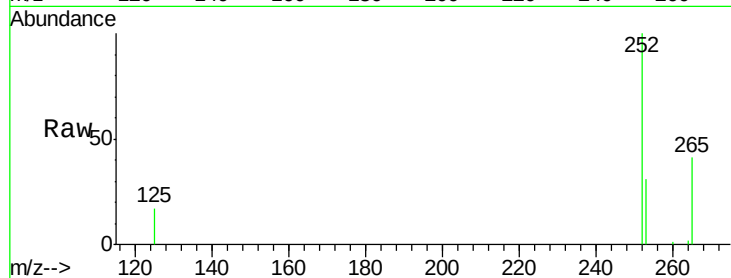
Tot Ion:252 Resp: 8242

Ion Ratio Lower Upper

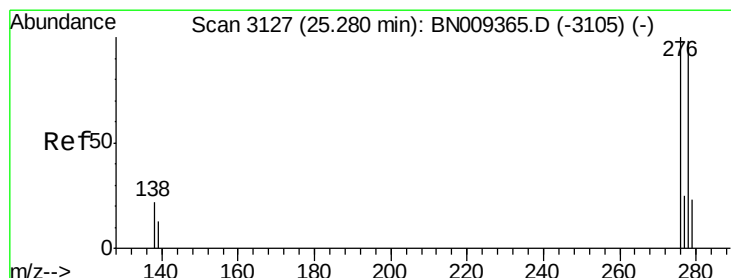
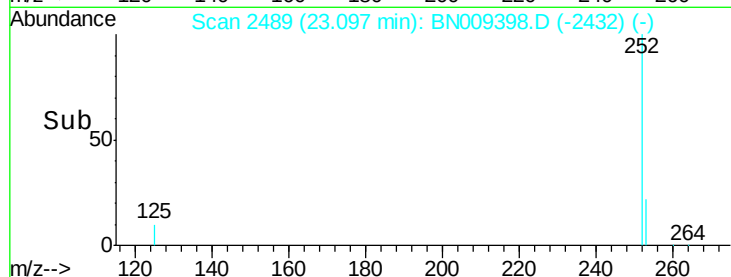
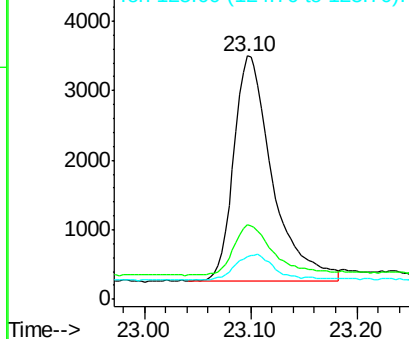
252 100

253 30.5 25.4 38.0

125 17.4 16.2 24.2



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: 0.355 ng

RT: 25.28 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

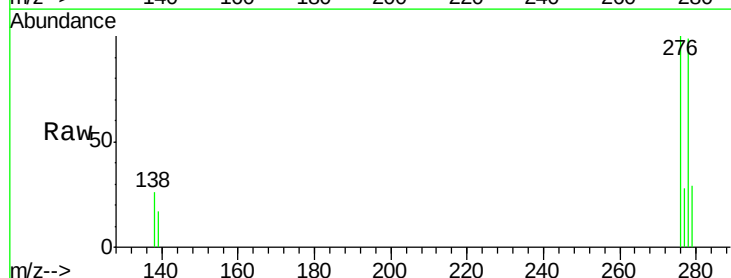
Tgt Ion:278 Resp: 8131

Ion Ratio Lower Upper

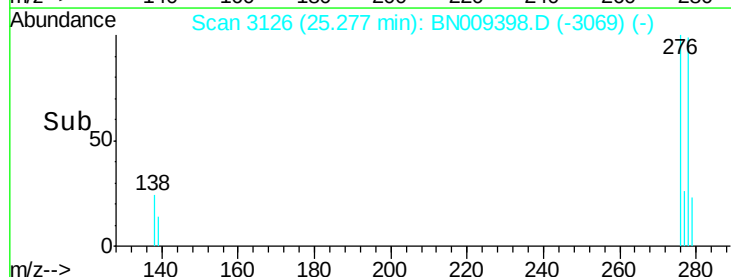
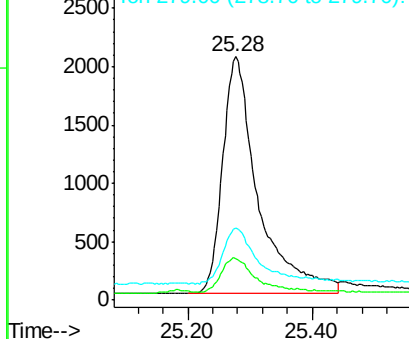
278 100

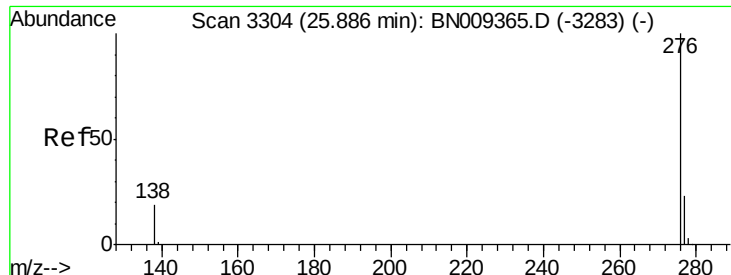
139 17.1 14.5 21.7

279 29.7 24.2 36.4



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: 0.368 ng

RT: 25.89 min Scan# 3304

Delta R.T. -0.00 min

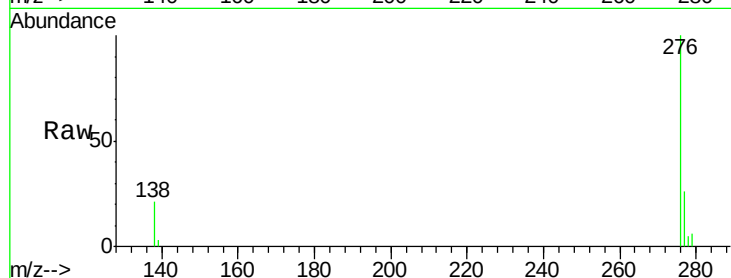
Lab File: BN009398.D

Acq: 20 Jan 2020 11:37

Instrument :

BNA_N

ClientSampleId :



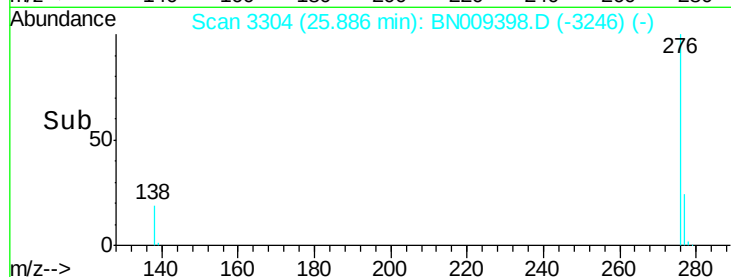
Tot Ion: 276 Resp: 9280

Ion Ratio Lower Upper

276 100

277 25.6 20.6 30.8

138 20.8 17.1 25.7



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

