

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011420\
 Data File : BN009365.D
 Acq On : 13 Jan 2020 15:42
 Operator : JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 13 16:27:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 13 16:24:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1321	0.40	ng	0.00
7) Naphthalene-d8	10.23	136	4619	0.40	ng	0.00
13) Acenaphthene-d10	14.11	164	2851	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	6185	0.40	ng	0.00
27) Chrysene-d12	21.07	240	5629	0.40	ng	0.00
34) Perylene-d12	23.19	264	5568	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.13	112	1249	0.37	ng	0.00
5) Phenol-d6	6.68	99	1430	0.31	ng	0.00
8) Nitrobenzene-d5	8.63	82	1398	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.83	152	3561	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.62	330	403	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.73	172	4290	0.40	ng	0.00
25) Fluoranthene-d10	18.90	212	8309	0.44	ng	0.00
29) Terphenyl-d14	19.52	244	5364	0.42	ng	0.00

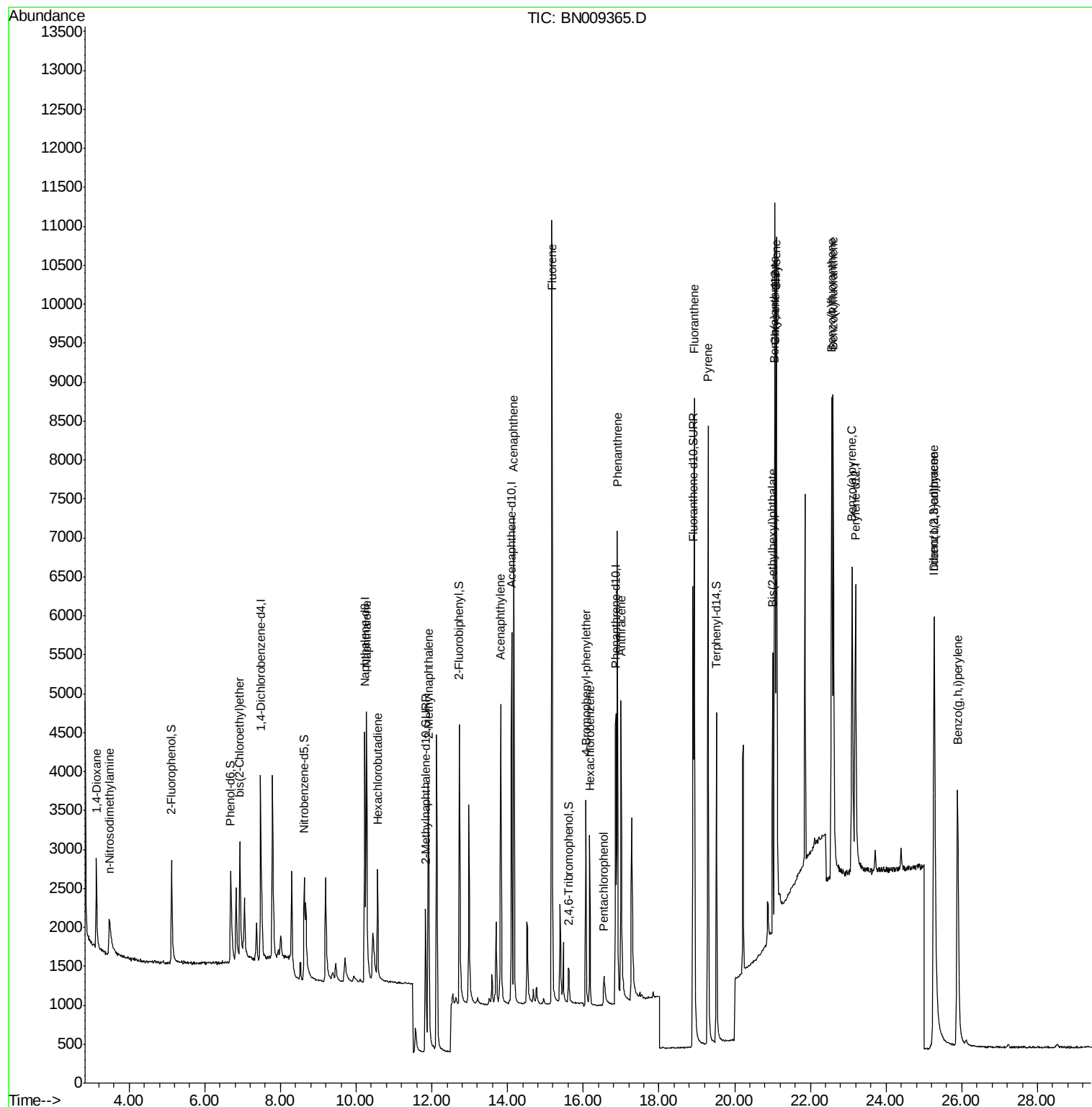
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.14	88	579	0.467	ng	100
3) n-Nitrosodimethylamine	3.48	42	791	0.462	ng	100
6) bis(2-Chloroethyl)ether	6.93	93	1329	0.304	ng	100
9) Naphthalene	10.28	128	5041	0.400	ng	100
10) Hexachlorobutadiene	10.57	225	1124	0.466	ng	# 100
12) 2-Methylnaphthalene	11.91	142	3447	0.367	ng	100
16) Acenaphthylene	13.82	152	4707	0.361	ng	100
17) Acenaphthene	14.16	154	3472	0.401	ng	100
18) Fluorene	15.17	166	4534	0.389	ng	100
20) 4-Bromophenyl-phenylether	16.07	248	1460	0.395	ng	100
21) Hexachlorobenzene	16.17	284	1604	0.381	ng	100
22) Pentachlorophenol	16.55	266	362	0.238	ng	100
23) Phenanthrene	16.90	178	7500	0.385	ng	100
24) Anthracene	17.00	178	6041	0.352	ng	100
26) Fluoranthene	18.93	202	8548	0.369	ng	100
28) Pyrene	19.29	202	8676	0.440	ng	100
30) Benzo(a)anthracene	21.05	228	7127	0.357	ng	100
31) Chrysene	21.10	228	8462	0.409	ng	100
32) Bis(2-ethylhexyl)phthalate	21.01	149	3028	0.324	ng	100
33) Indeno(1,2,3-cd)pyrene	25.26	276	9023	0.412	ng	100
35) Benzo(b)fluoranthene	22.56	252	7841	0.393	ng	100
36) Benzo(k)fluoranthene	22.60	252	9458	0.471	ng	100
37) Benzo(a)pyrene	23.10	252	7126	0.398	ng	100
38) Dibenzo(a,h)anthracene	25.28	278	7144	0.425	ng	100
39) Benzo(g,h,i)perylene	25.89	276	8026	0.484	ng	100

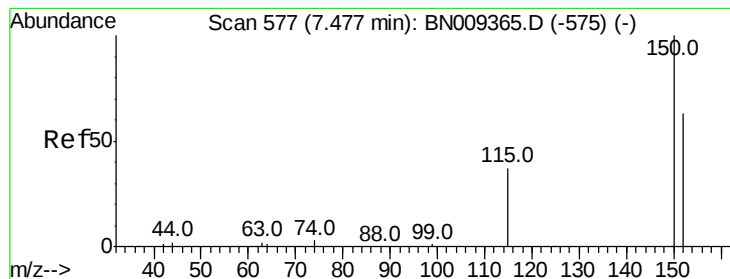
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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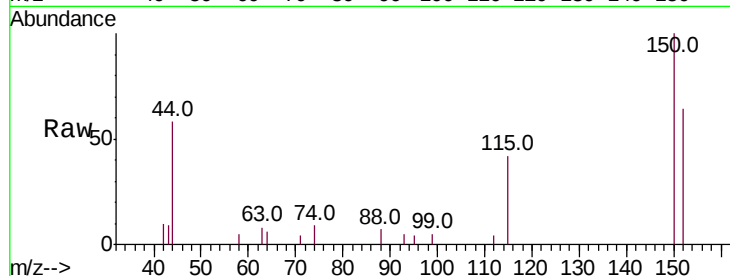


#1

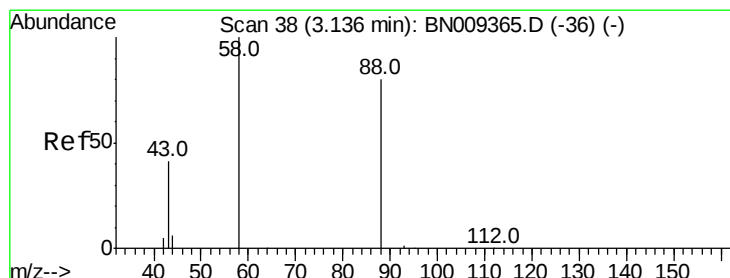
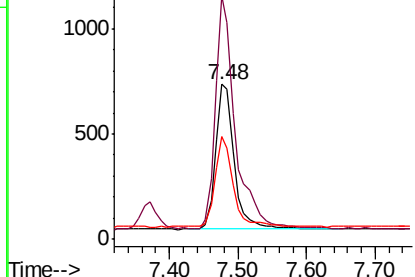
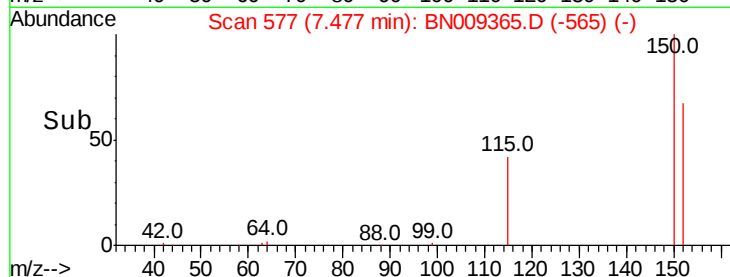
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BN009365.D
Acq: 13 Jan 2020 15:42

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1321
Ion Ratio Lower Upper
152 100
150 157.1 125.7 188.5
115 66.6 53.3 79.9



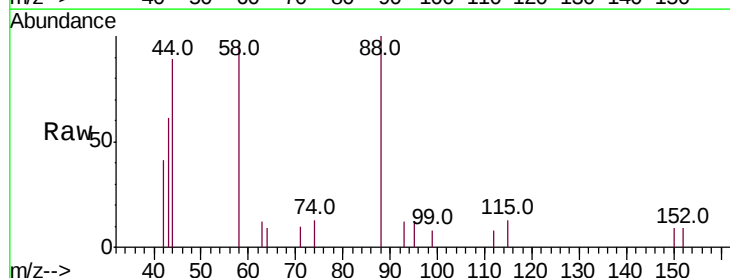
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



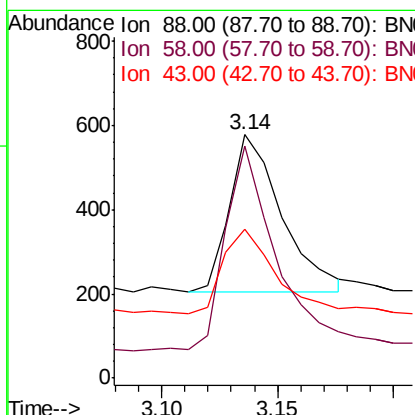
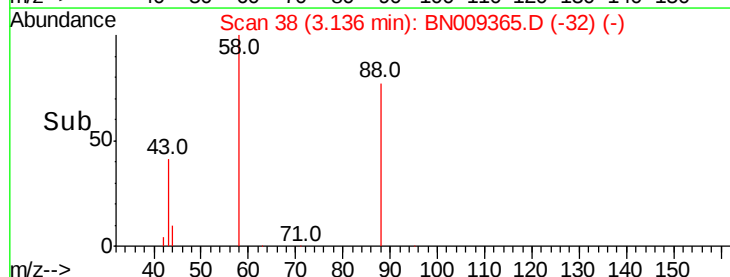
#2

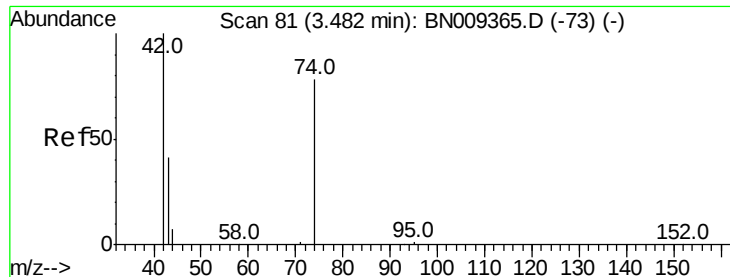
1,4-Dioxane
Concen: 0.467 ng
RT: 3.14 min Scan# 38
Delta R.T. 0.00 min
Lab File: BN009365.D
Acq: 13 Jan 2020 15:42

Tgt Ion: 88 Resp: 579
Ion Ratio Lower Upper
88 100
58 125.2 100.2 150.2
43 53.9 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



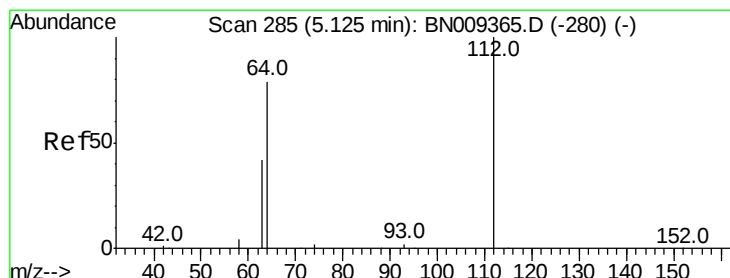
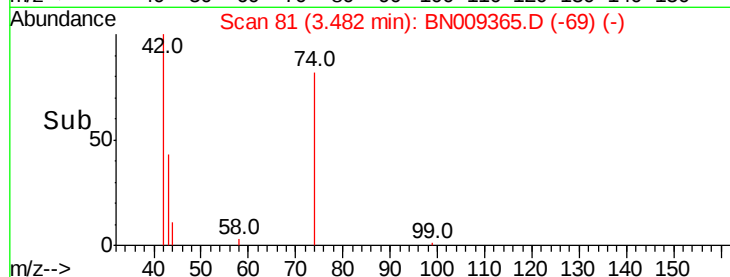
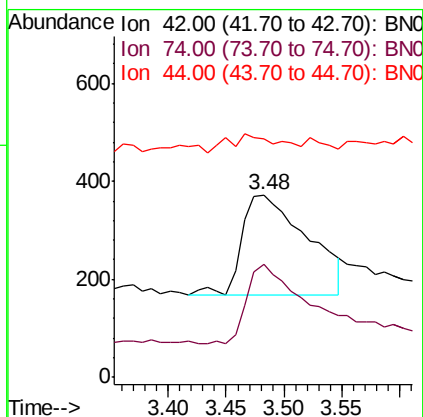
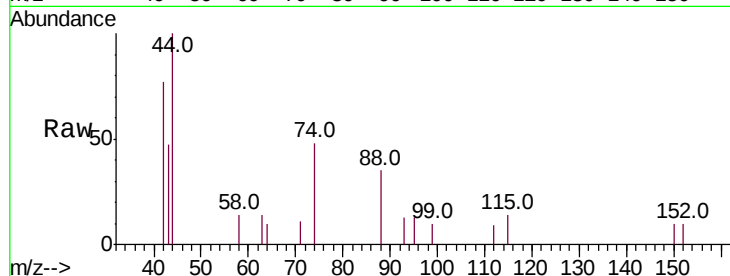


#3

n-Nitrosodimethylamine
 Concen: 0.462 ng
 RT: 3.48 min Scan# 81
 Delta R.T. 0.00 min
 Lab File: BN009365.D
 Acq: 13 Jan 2020 15:42

Instrument :
 BNA_N
 ClientSampleId :

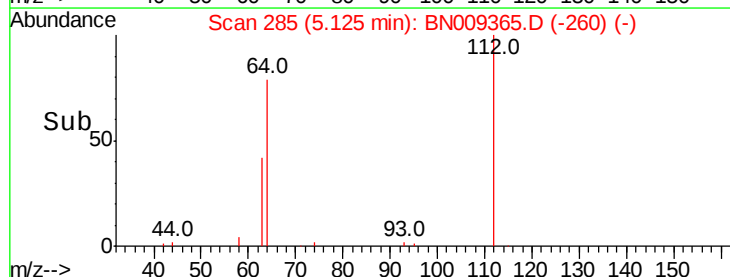
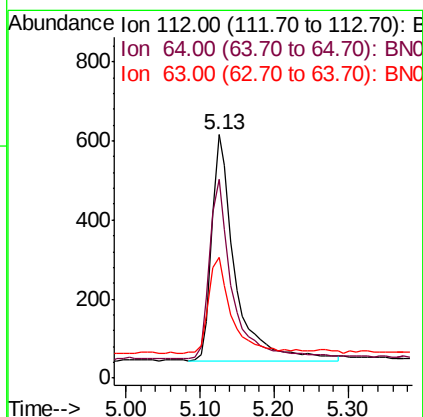
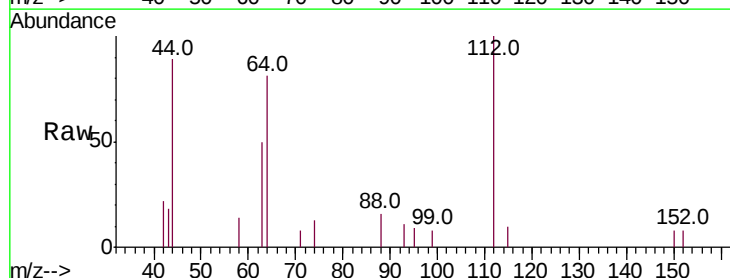
Tot Ion:	42	Resp:	791
Ion	Ratio	Lower	Upper
42	100		
74	69.8	55.8	83.8
44	13.9	11.1	16.7

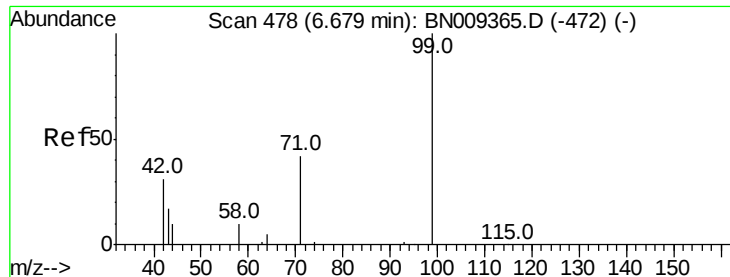


#4

2-Fluorophenol
 Concen: 0.372 ng
 RT: 5.13 min Scan# 285
 Delta R.T. 0.00 min
 Lab File: BN009365.D
 Acq: 13 Jan 2020 15:42

Tgt Ion:	112	Resp:	1249
Ion	Ratio	Lower	Upper
112	100		
64	76.9	61.5	92.3
63	43.7	35.0	52.4





#5

Phenol-d6

Concen: 0.308 ng

RT: 6.68 min Scan# 478

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

Instrument :

BNA_N

ClientSampled :

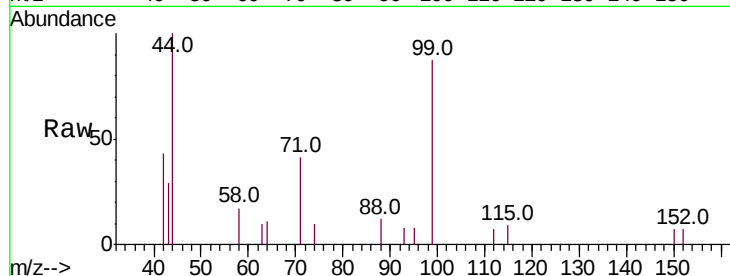
Tot Ion: 99 Resp: 1430

Ion Ratio Lower Upper

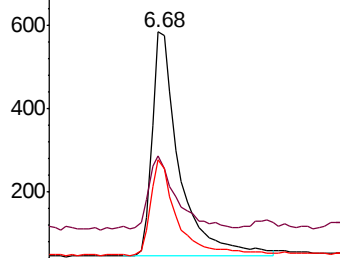
99 100

42 34.5 27.6 41.4

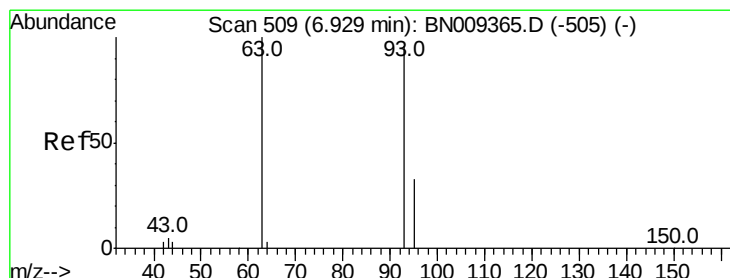
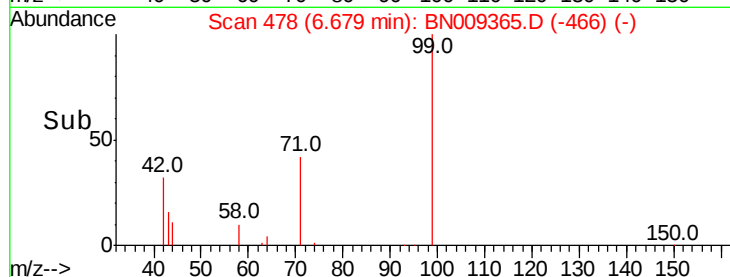
71 41.3 33.0 49.6



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



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.304 ng

RT: 6.93 min Scan# 509

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

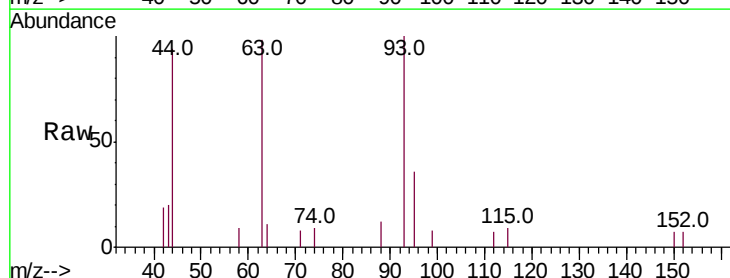
Tgt Ion: 93 Resp: 1329

Ion Ratio Lower Upper

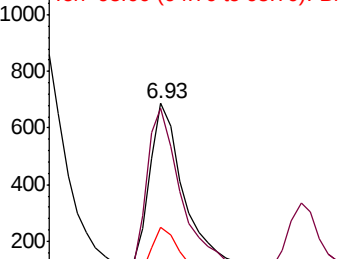
93 100

63 106.4 85.1 127.7

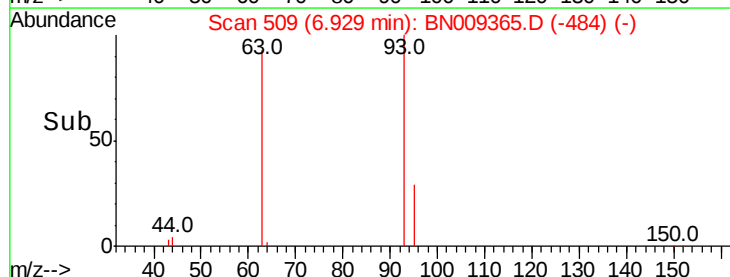
95 37.8 30.2 45.4

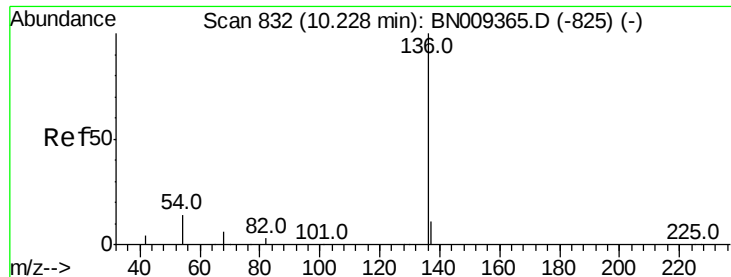


Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 63.00 (62.70 to 63.70): BNC
Ion 95.00 (94.70 to 95.70): BNC



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.23 min Scan# 832

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 4619

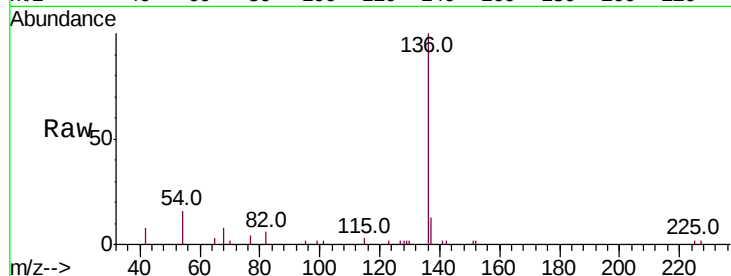
Ion Ratio Lower Upper

136 100

137 12.9 10.3 15.5

54 15.8 12.6 19.0

68 8.1 6.5 9.7

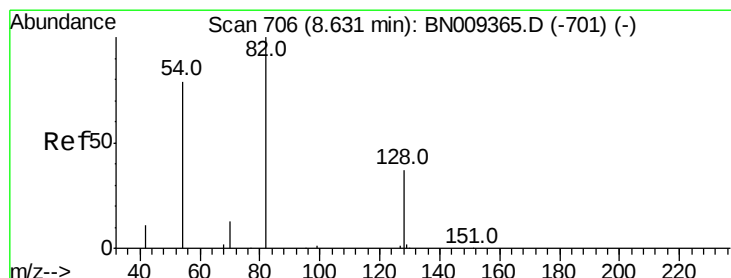
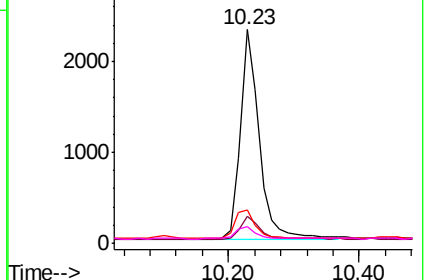
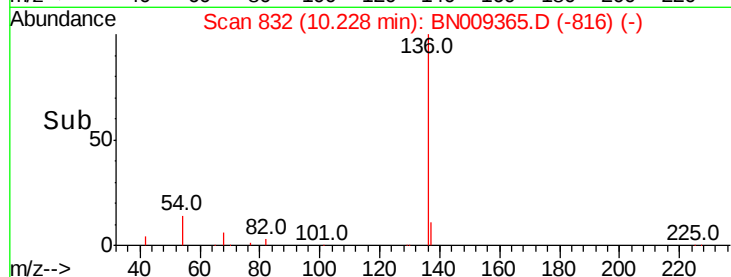


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.357 ng

RT: 8.63 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

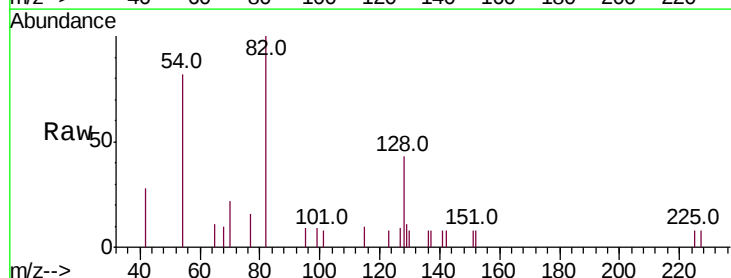
Tgt Ion: 82 Resp: 1398

Ion Ratio Lower Upper

82 100

128 43.5 34.8 52.2

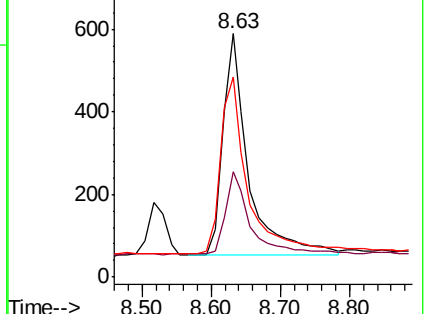
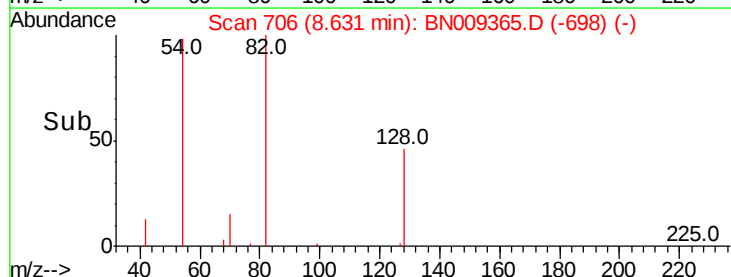
54 82.2 65.8 98.6

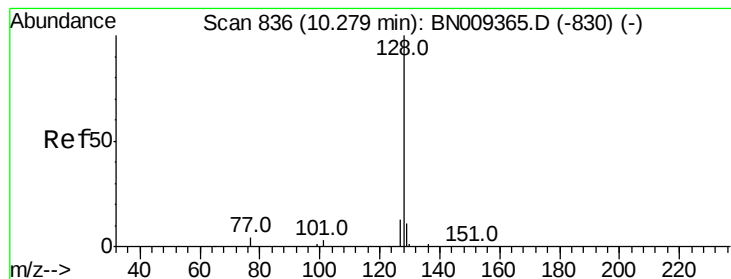


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

Instrument :

BNA_N

ClientSampleId :

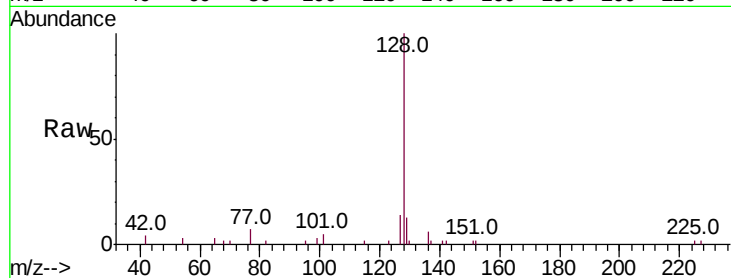
Tot Ion:128 Resp: 5041

Ion Ratio Lower Upper

128 100

129 13.0 10.4 15.6

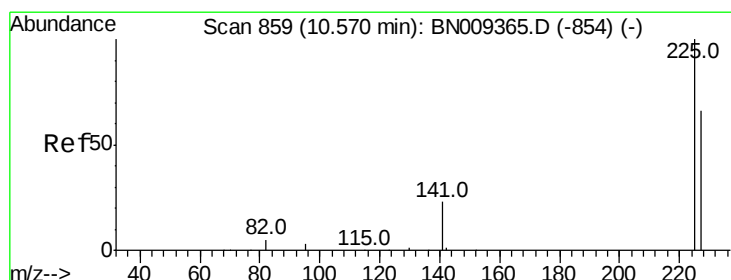
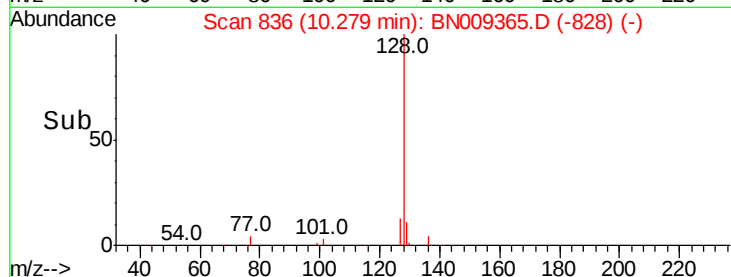
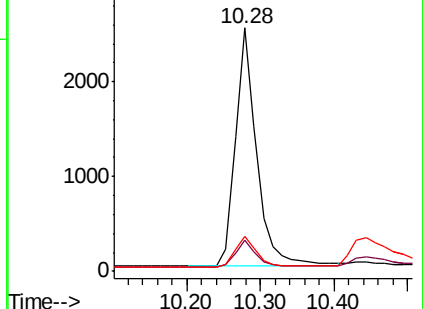
127 14.3 11.4 17.2



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: 0.466 ng

RT: 10.57 min Scan# 859

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

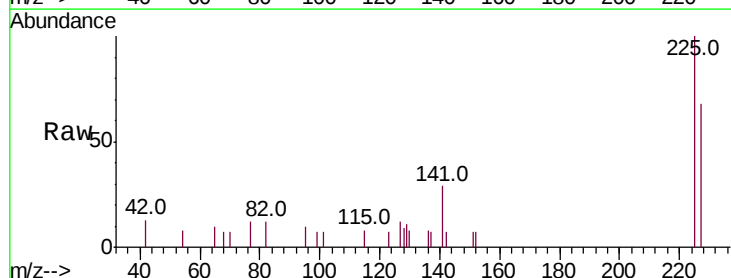
Tgt Ion:225 Resp: 1124

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

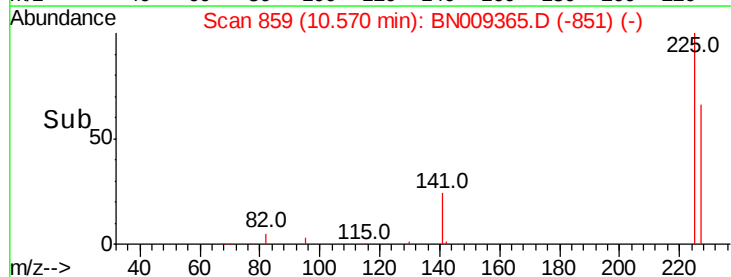
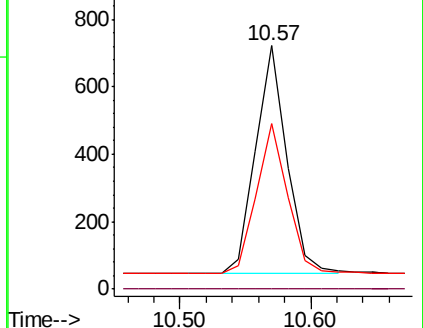
227 65.7 52.6 78.8

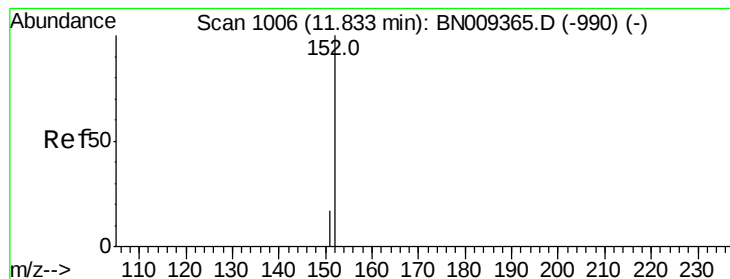


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.451 ng

RT: 11.83 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

Instrument :

BNA_N

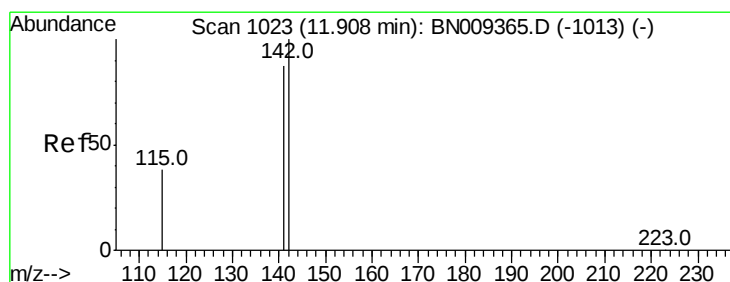
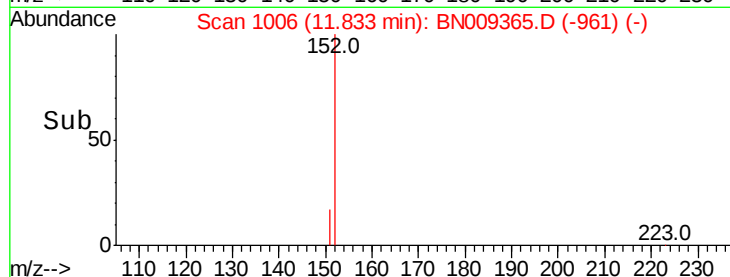
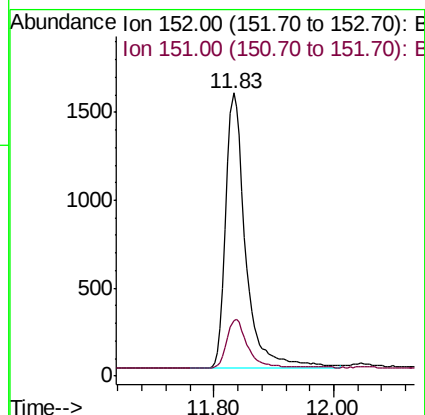
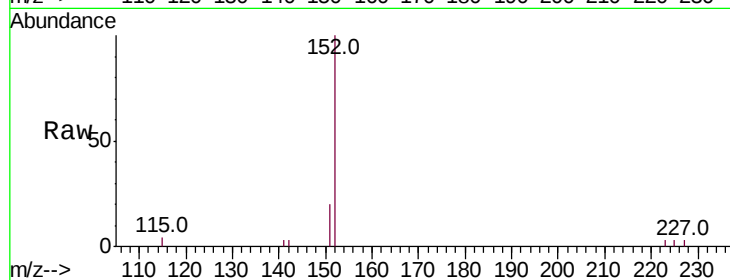
ClientSampleId :

Tot Ion:152 Resp: 3561

Ion Ratio Lower Upper

152 100

151 18.5 14.8 22.2



#12

2-Methylnaphthalene

Concen: 0.367 ng

RT: 11.91 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

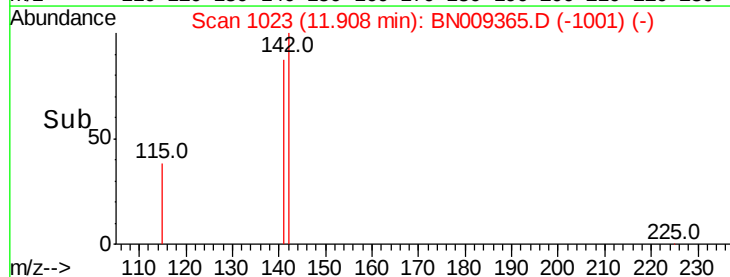
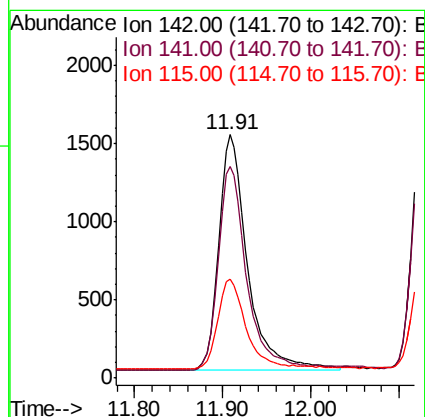
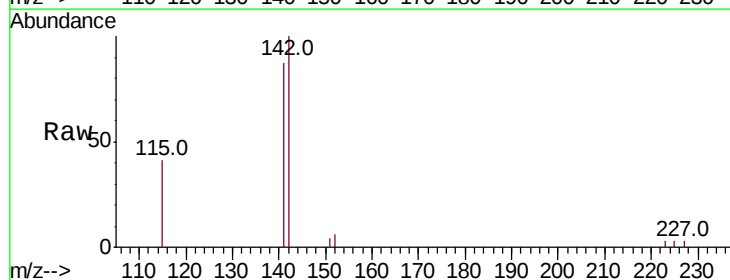
Tgt Ion:142 Resp: 3447

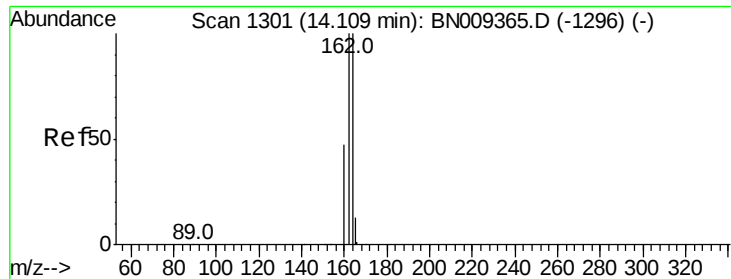
Ion Ratio Lower Upper

142 100

141 87.2 69.8 104.6

115 40.6 32.5 48.7

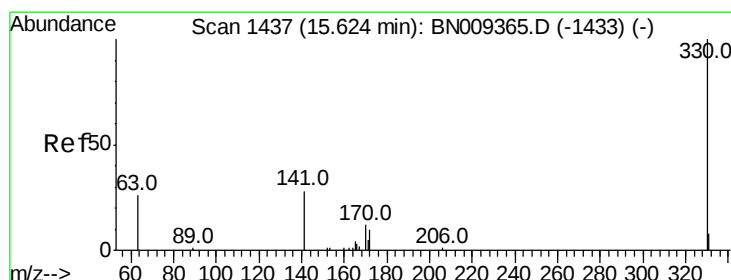
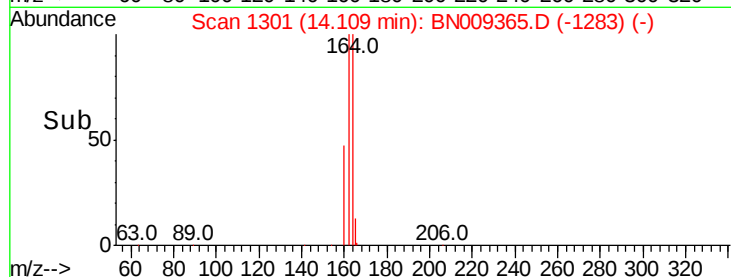
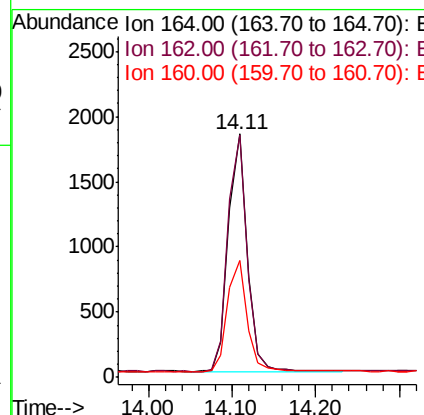
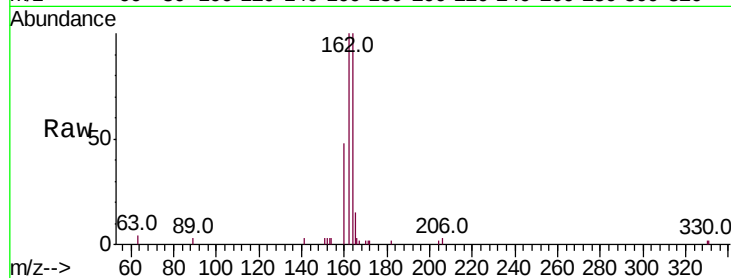




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.11 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BN009365.D
Acq: 13 Jan 2020 15:42

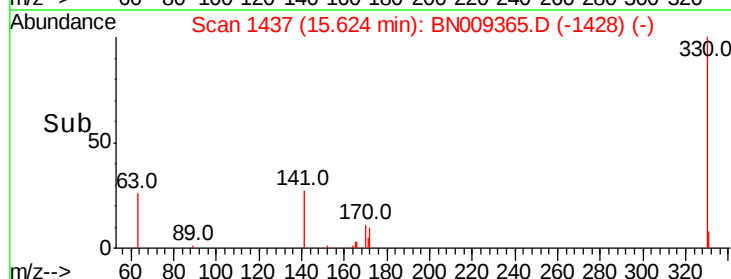
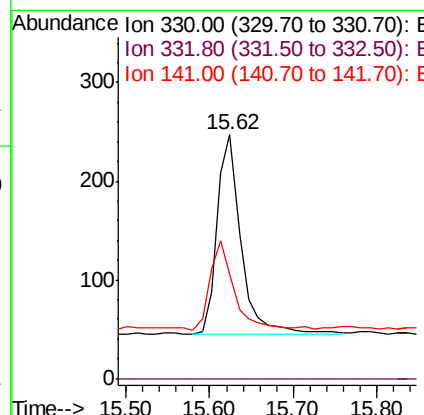
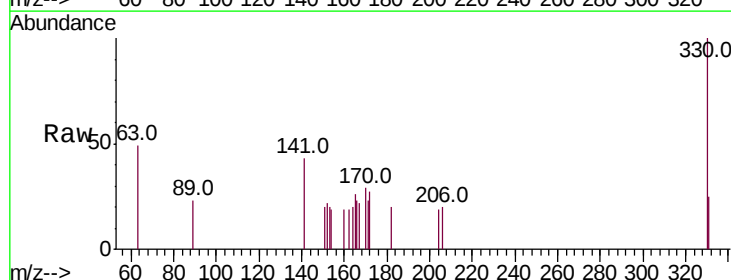
Instrument :
BNA_N
ClientSampleId :

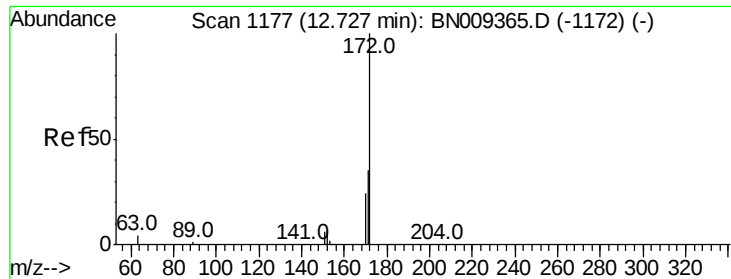
Tot Ion:164 Resp: 2851
Ion Ratio Lower Upper
164 100
162 99.7 79.8 119.6
160 48.0 38.4 57.6



#14
2,4,6-Tribromophenol
Concen: 0.295 ng
RT: 15.62 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BN009365.D
Acq: 13 Jan 2020 15:42

Tgt Ion:330 Resp: 403
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.4 33.1 49.7

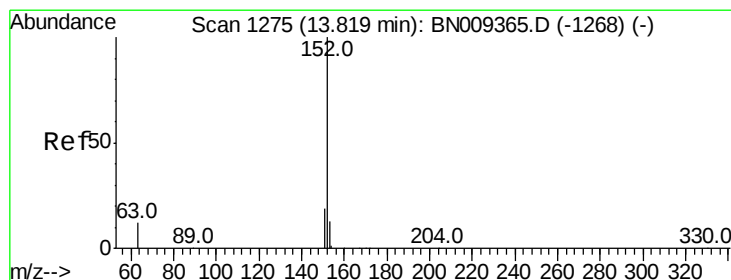
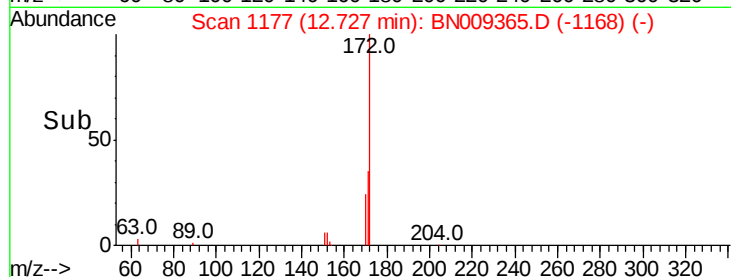
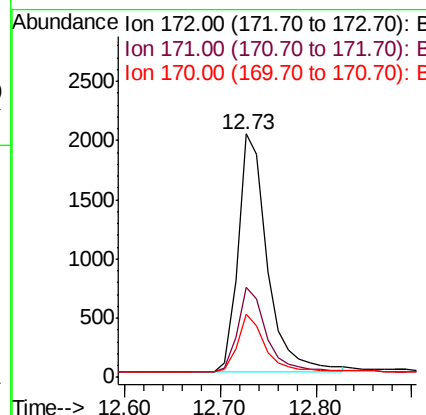
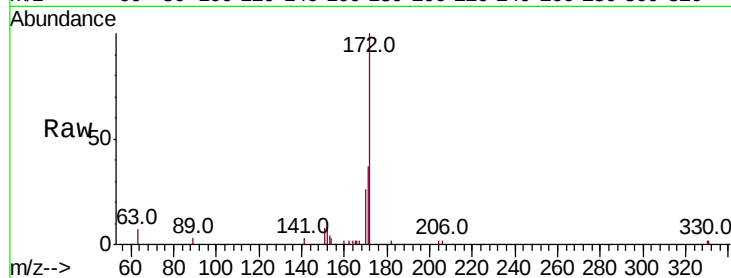




#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 12.73 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BN009365.D
Acq: 13 Jan 2020 15:42

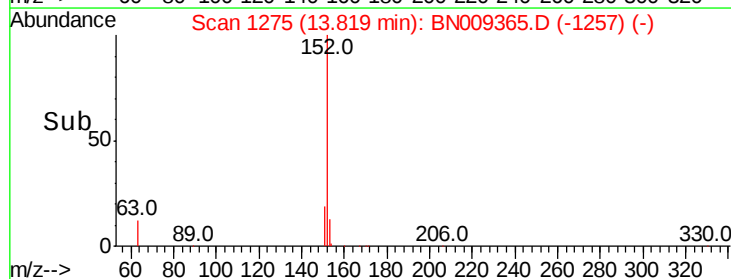
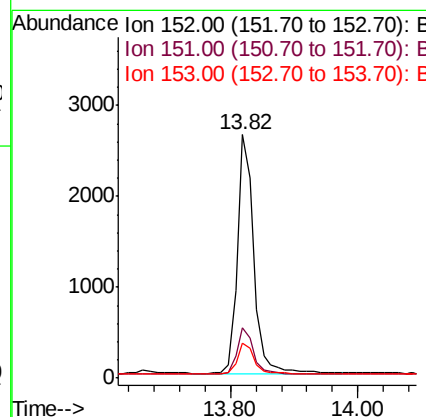
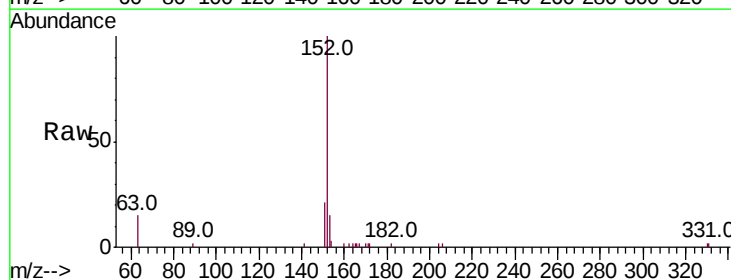
Instrument :
BNA_N
ClientSampled :

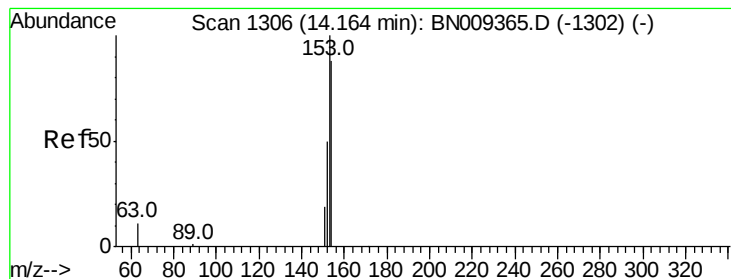
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.5	44.3
170	25.9	20.7	31.1



#16
Acenaphthylene
Concen: 0.361 ng
RT: 13.82 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BN009365.D
Acq: 13 Jan 2020 15:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	13.0	10.4	15.6





#17

Acenaphthene

Concen: 0.401 ng

RT: 14.16 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

Instrument :

BNA_N

ClientSampleId :

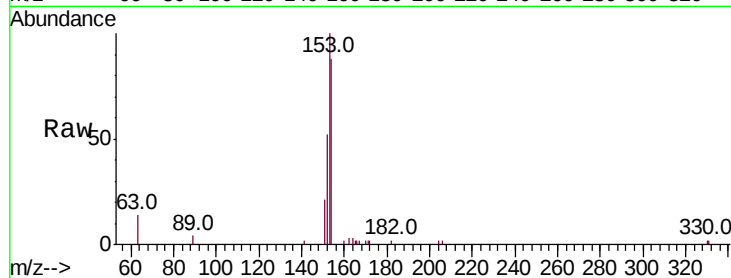
Tot Ion:154 Resp: 3472

Ion Ratio Lower Upper

154 100

153 113.1 90.5 135.7

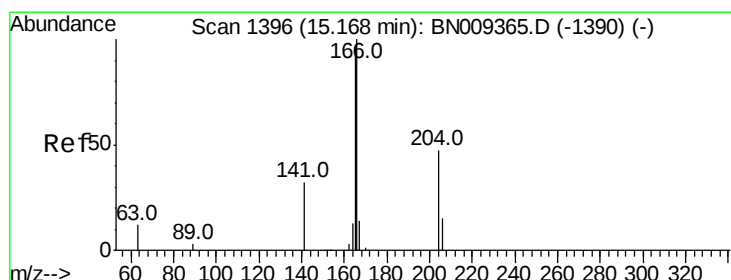
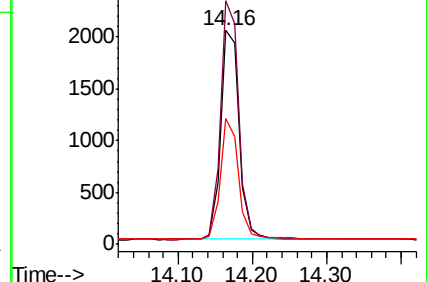
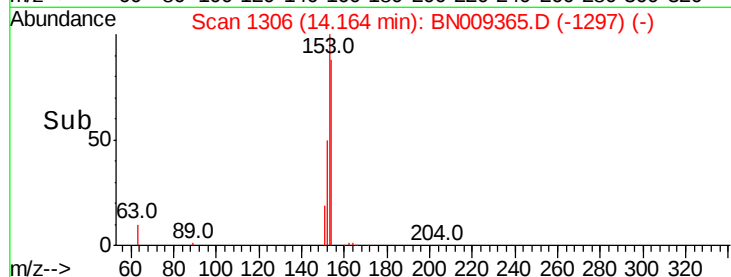
152 56.6 45.3 67.9



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: 0.389 ng

RT: 15.17 min Scan# 1396

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

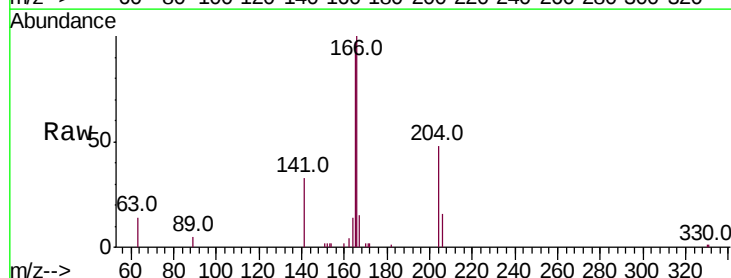
Tgt Ion:166 Resp: 4534

Ion Ratio Lower Upper

166 100

165 97.7 78.2 117.2

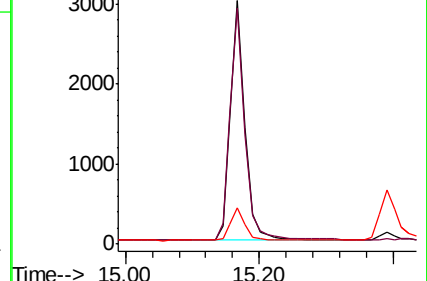
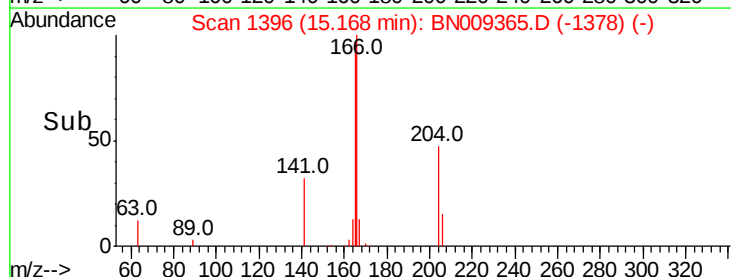
167 13.8 11.0 16.6

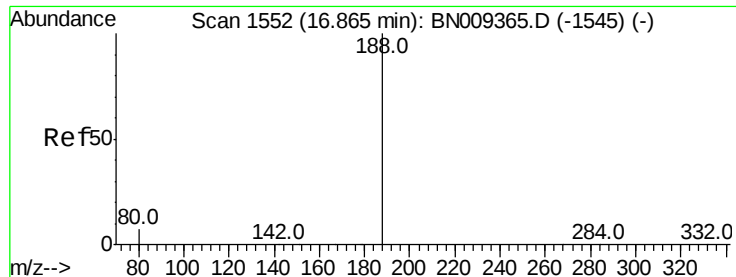


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.86 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

Instrument :

BNA_N

ClientSampleId :

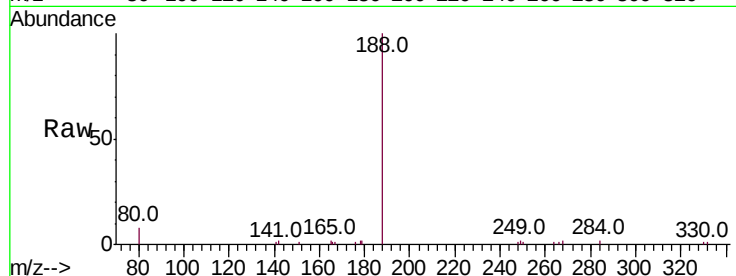
Tot Ion:188 Resp: 6185

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

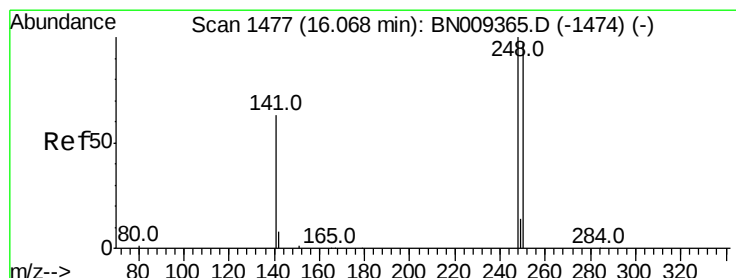
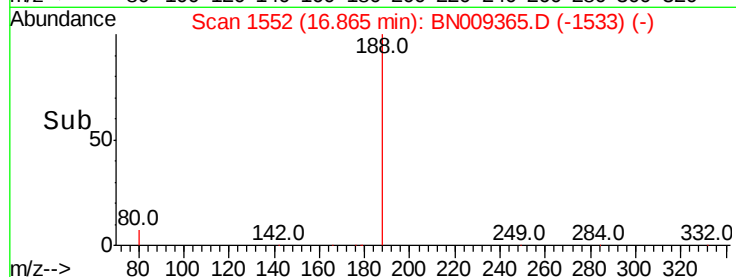
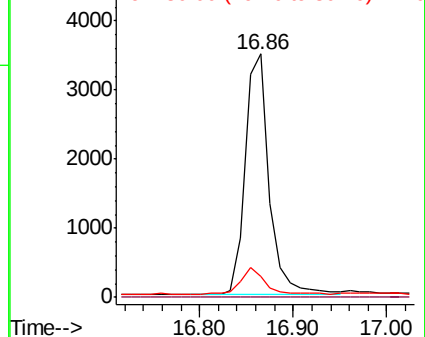
80 8.3 6.6 10.0



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: 0.395 ng

RT: 16.07 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

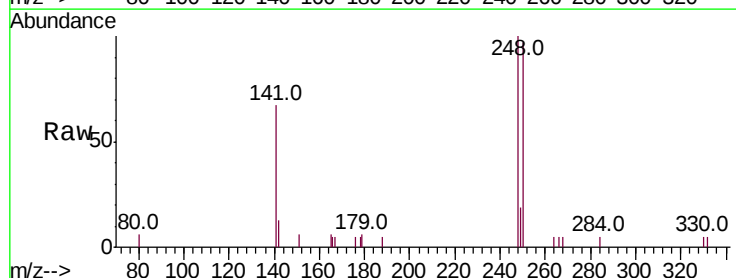
Tgt Ion:248 Resp: 1460

Ion Ratio Lower Upper

248 100

250 97.3 77.8 116.8

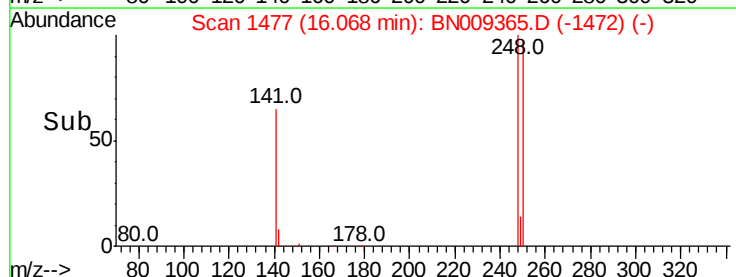
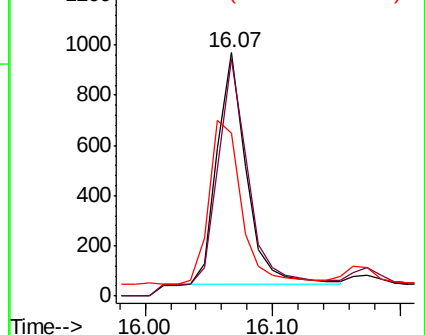
141 66.7 53.4 80.0

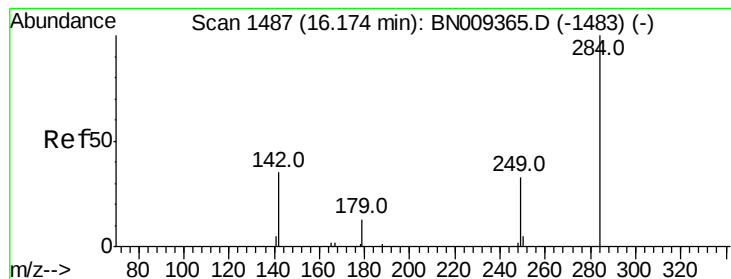


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.381 ng

RT: 16.17 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

Instrument :

BNA_N

ClientSampled :

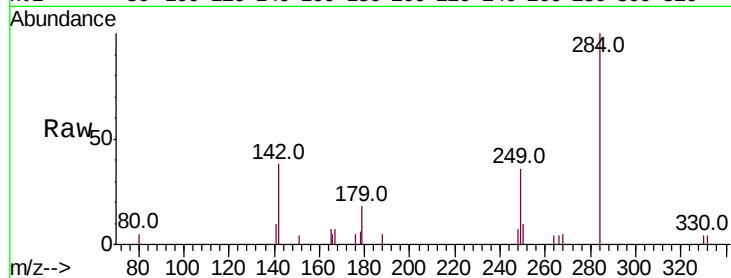
Tot Ion:284 Resp: 1604

Ion Ratio Lower Upper

284 100

142 42.3 33.8 50.8

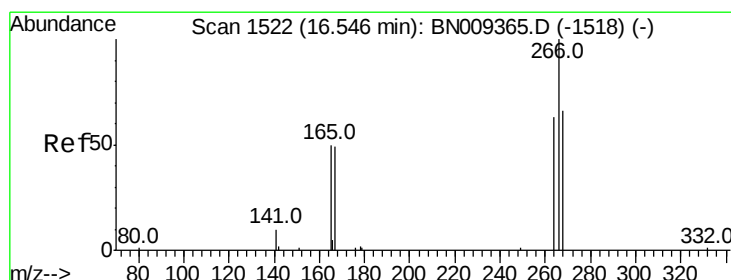
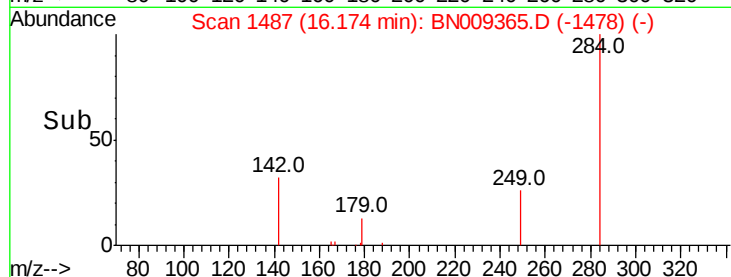
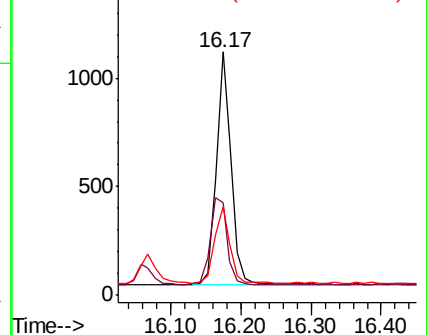
249 33.7 27.0 40.4



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: 0.238 ng

RT: 16.55 min Scan# 1522

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

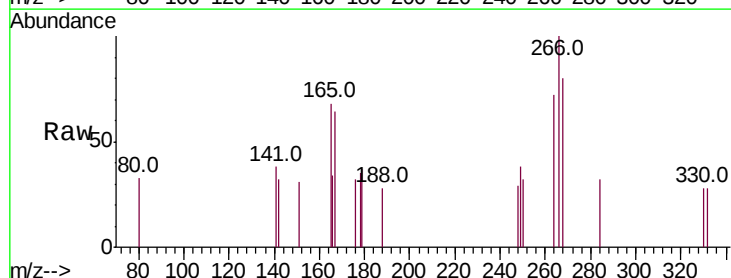
Tgt Ion:266 Resp: 362

Ion Ratio Lower Upper

266 100

264 72.2 57.8 86.6

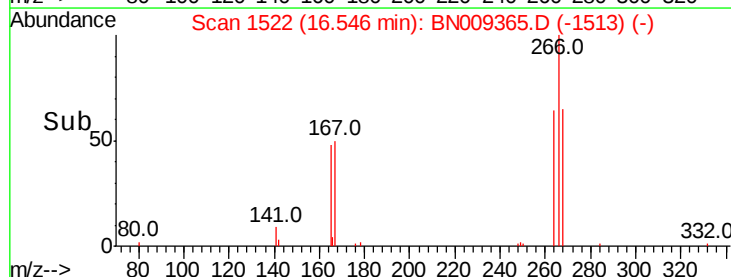
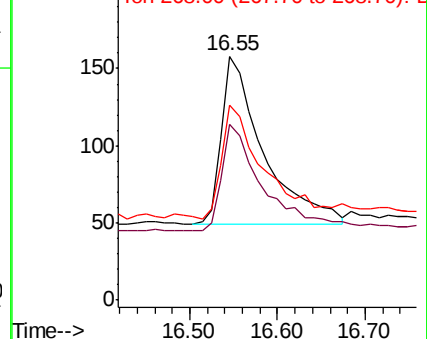
268 79.7 63.8 95.6

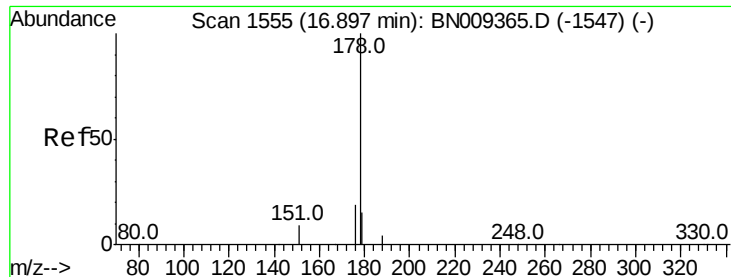


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.385 ng

RT: 16.90 min Scan# 1555

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

Instrument :

BNA_N

ClientSampled :

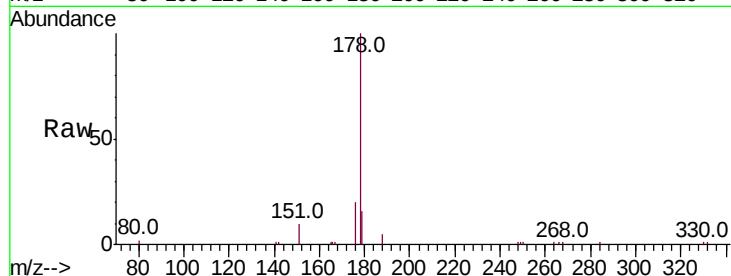
Tot Ion:178 Resp: 7500

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

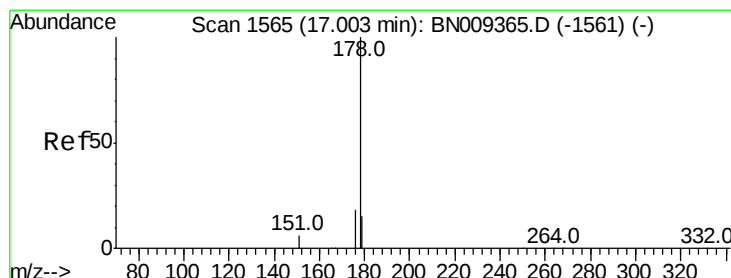
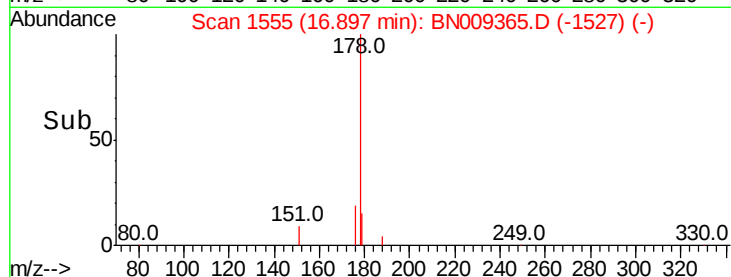
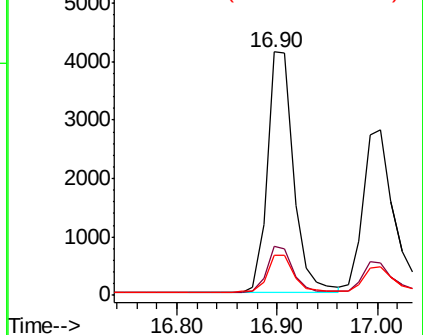
179 15.4 12.3 18.5



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: 0.352 ng

RT: 17.00 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

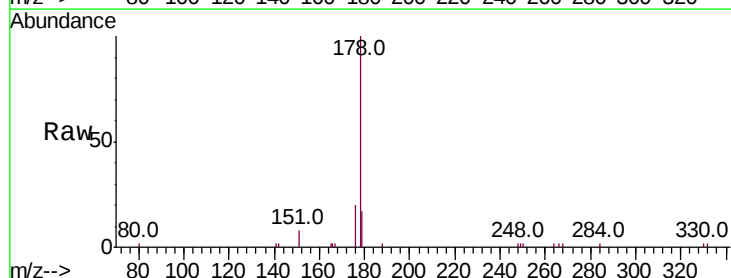
Tgt Ion:178 Resp: 6041

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

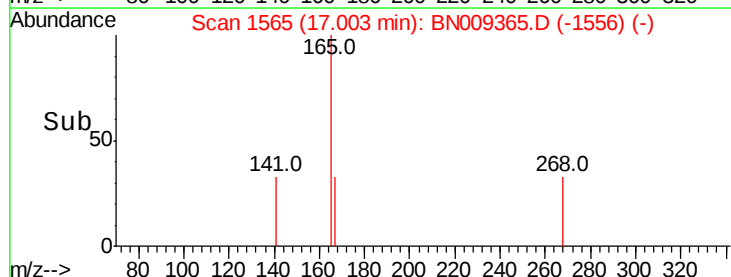
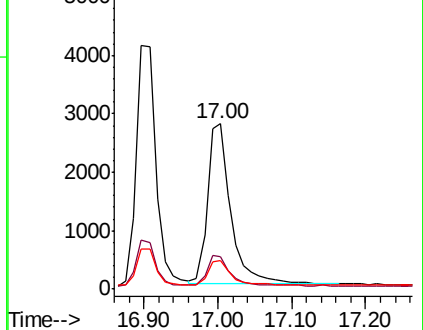
179 15.6 12.5 18.7

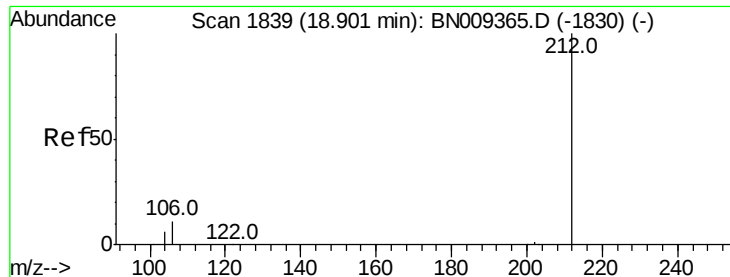


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.444 ng

RT: 18.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

Instrument :

BNA_N

ClientSampleId :

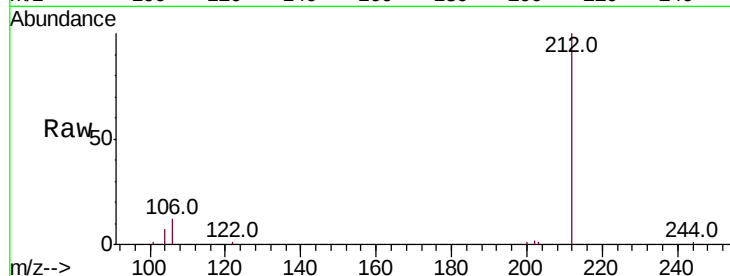
Tot Ion:212 Resp: 8309

Ion Ratio Lower Upper

212 100

106 11.5 9.2 13.8

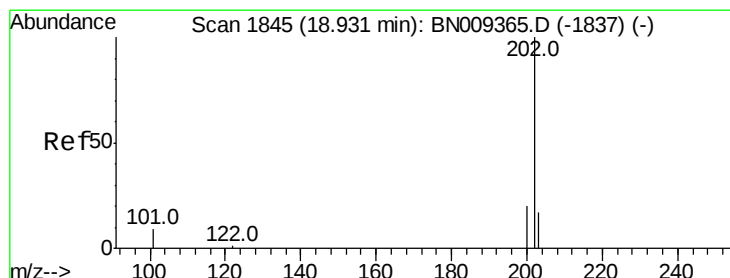
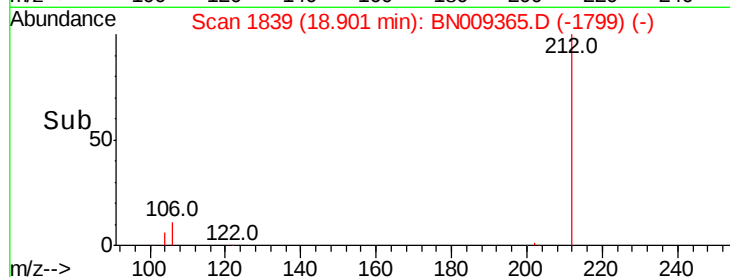
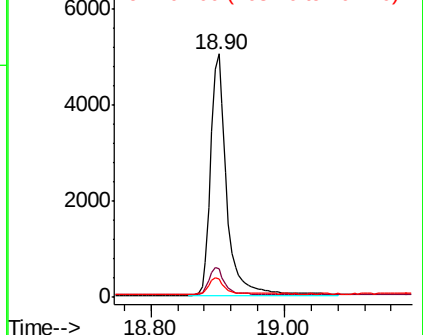
104 6.7 5.4 8.0



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: 0.369 ng

RT: 18.93 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

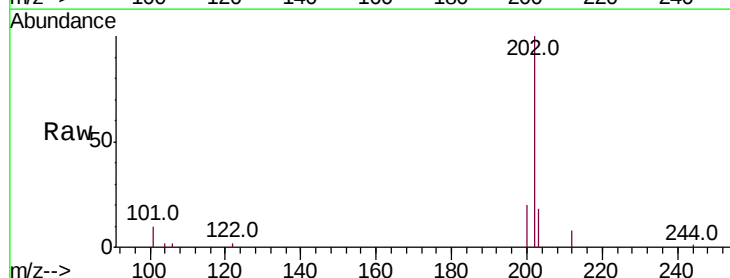
Tgt Ion:202 Resp: 8548

Ion Ratio Lower Upper

202 100

101 10.0 8.0 12.0

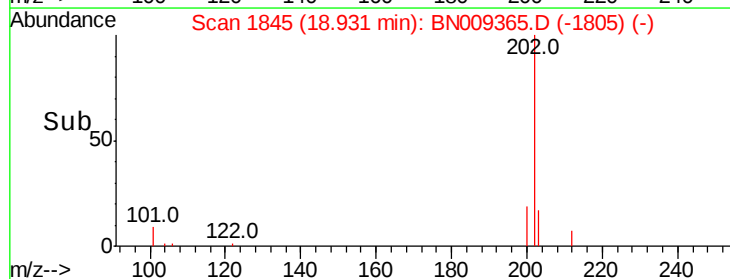
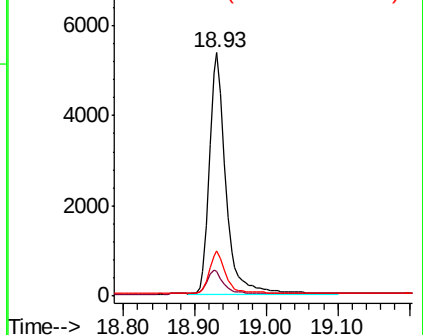
203 16.9 13.5 20.3

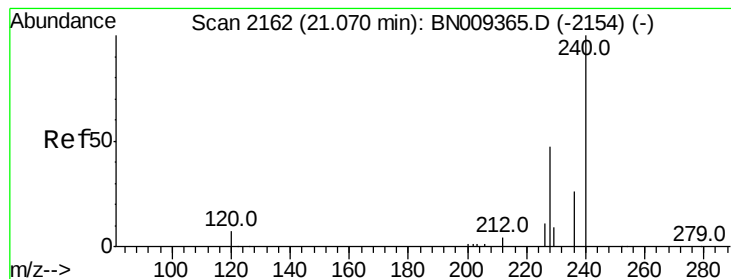


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.07 min Scan# 2162

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

Instrument :

BNA_N

ClientSampleId :

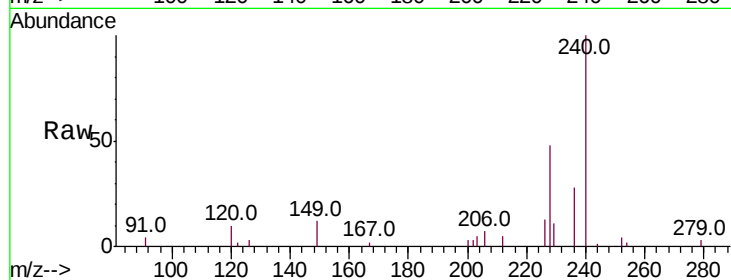
Tot Ion:240 Resp: 5629

Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

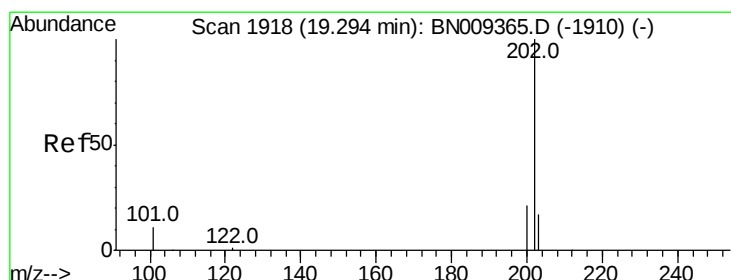
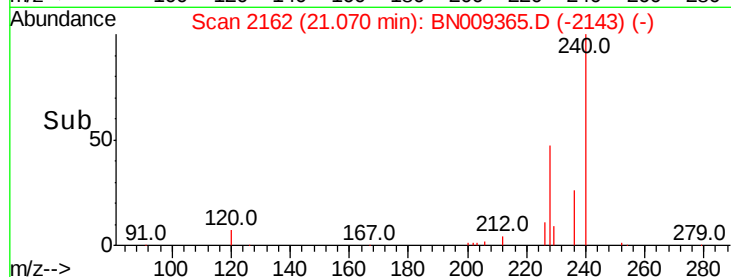
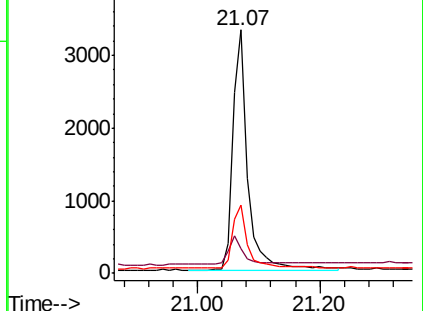
236 27.8 22.2 33.4



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



#28

Pyrene

Concen: 0.440 ng

RT: 19.29 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

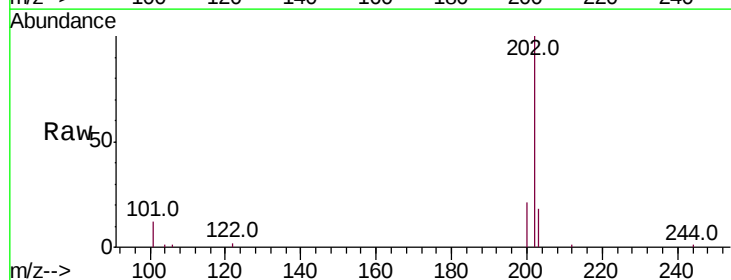
Tgt Ion:202 Resp: 8676

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

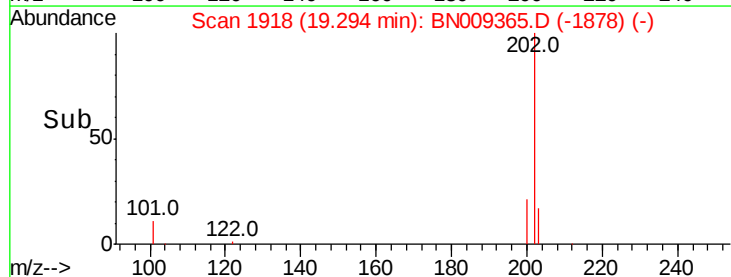
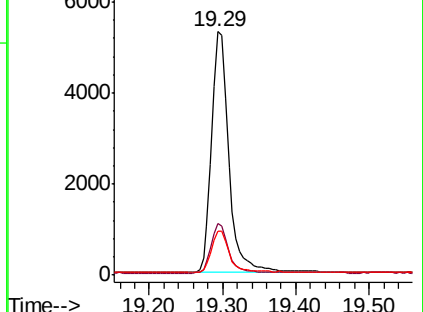
203 17.6 14.1 21.1

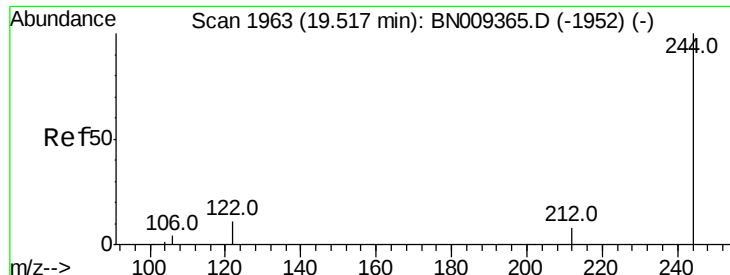


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.418 ng

RT: 19.52 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

Instrument :

BNA_N

ClientSampleId :

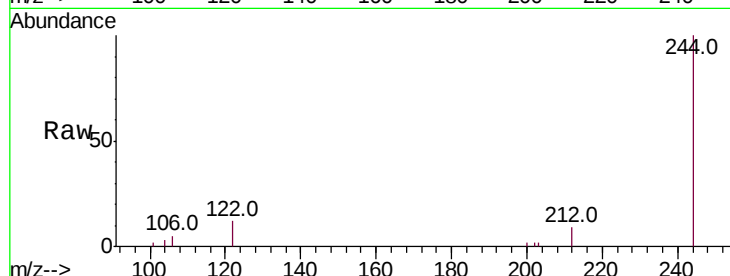
Tot Ion:244 Resp: 5364

Ion Ratio Lower Upper

244 100

212 9.4 7.5 11.3

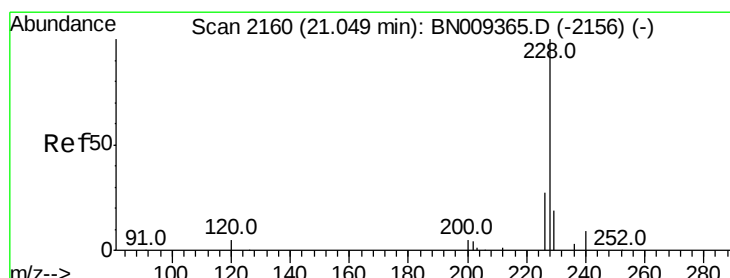
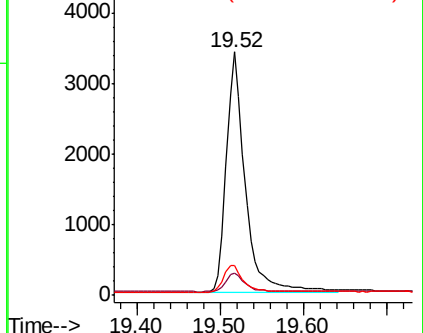
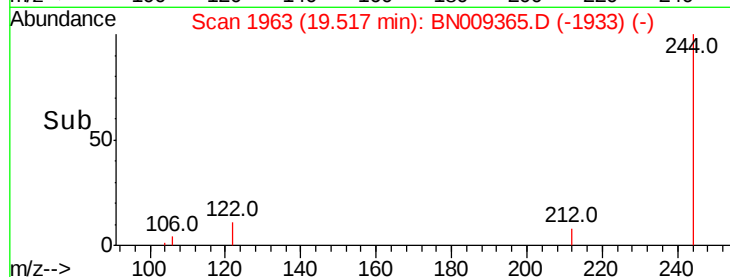
122 12.2 9.8 14.6



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: 0.357 ng

RT: 21.05 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

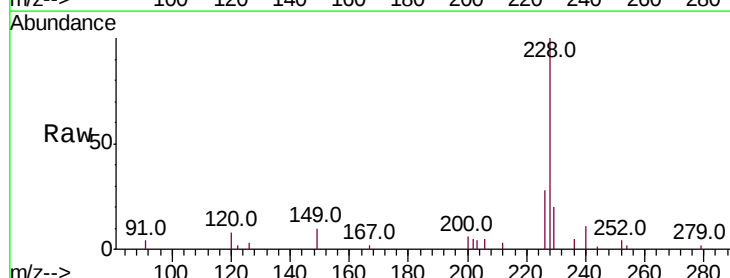
Tgt Ion:228 Resp: 7127

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

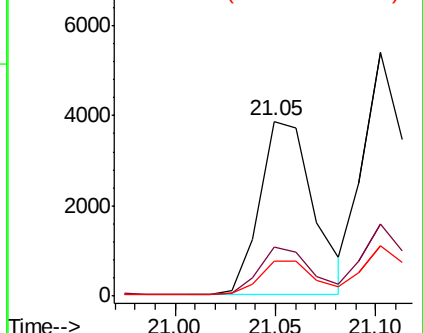
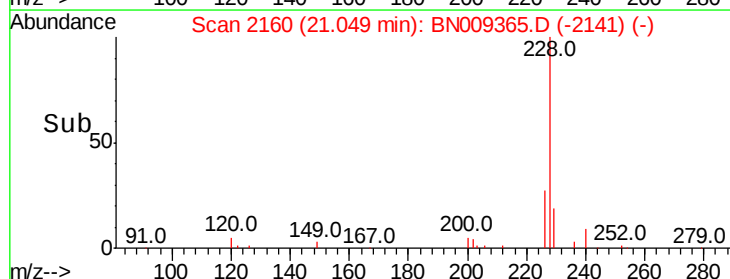
229 20.1 16.1 24.1

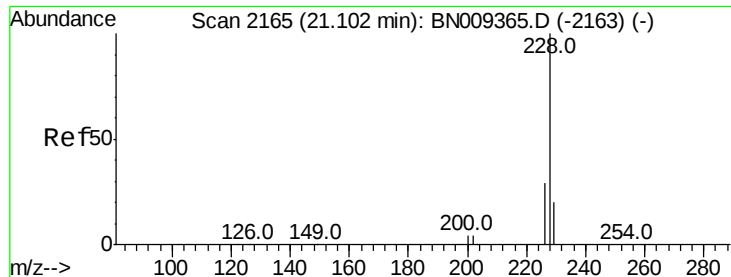


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.409 ng

RT: 21.10 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

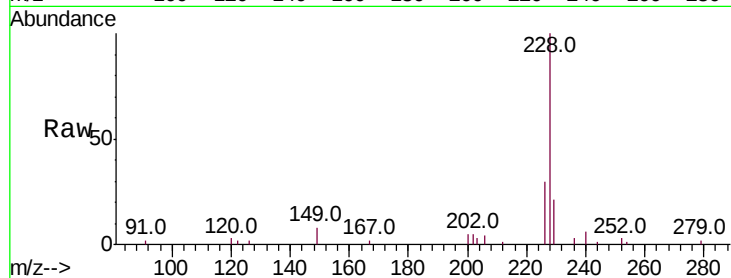
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 8462

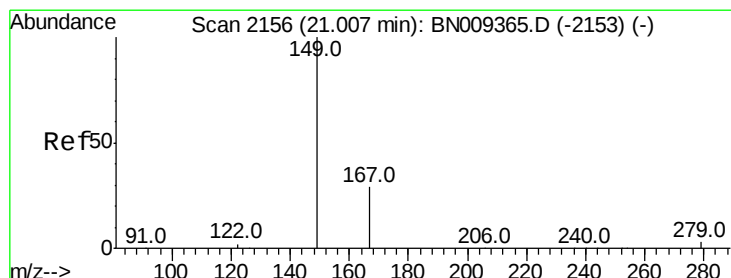
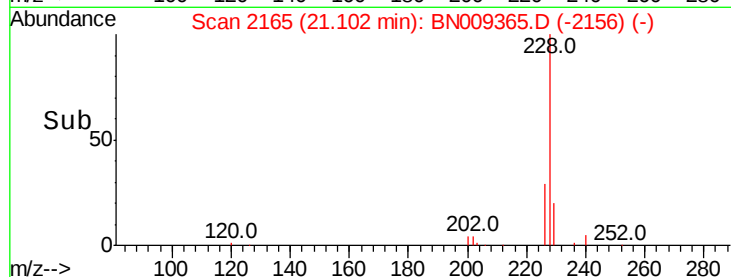
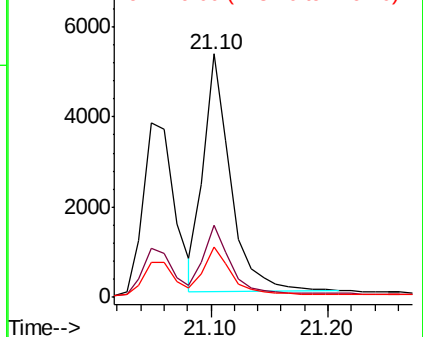
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	20.7	16.6	24.8



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: 0.324 ng

RT: 21.01 min Scan# 2156

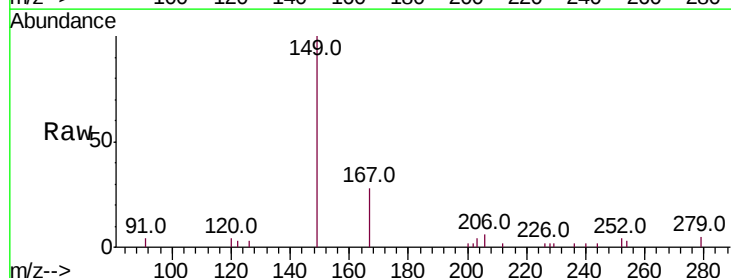
Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

Tgt Ion:149 Resp: 3028

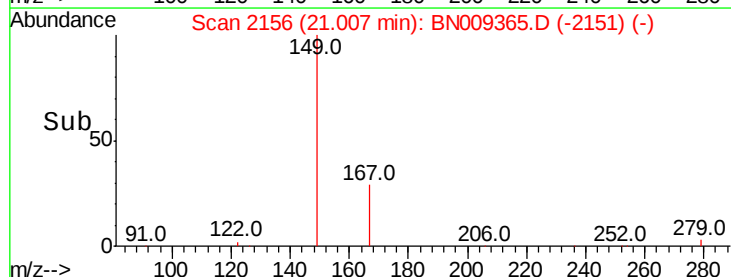
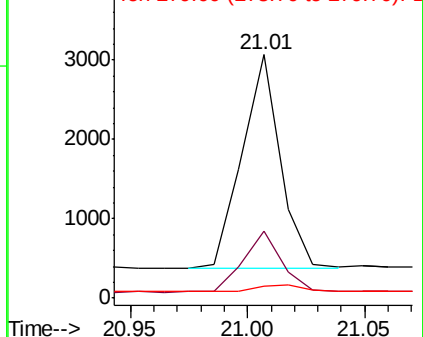
Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.9	34.3
279	4.2	3.4	5.0

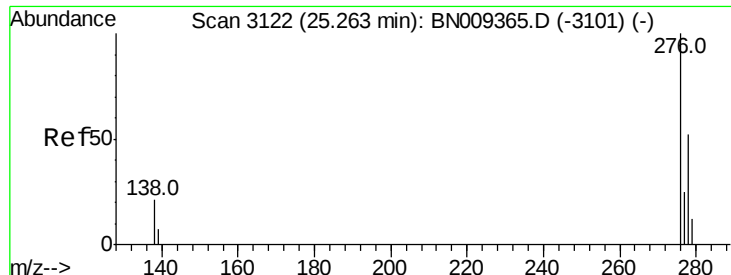


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.412 ng

RT: 25.26 min Scan# 3122

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

Instrument :

BNA_N

ClientSampleId :

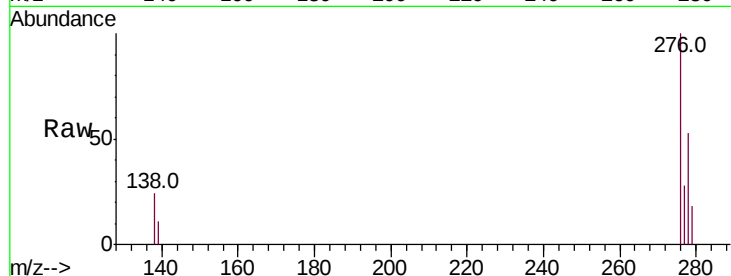
Tot Ion:276 Resp: 9023

Ion Ratio Lower Upper

276 100

138 19.9 15.9 23.9

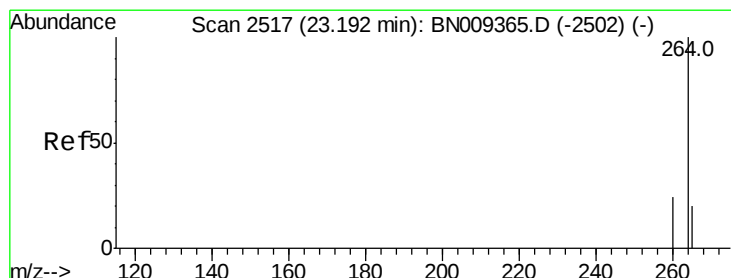
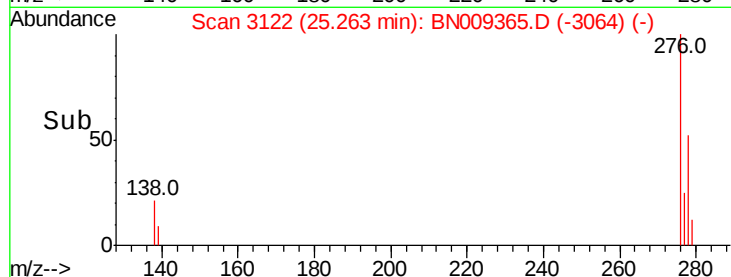
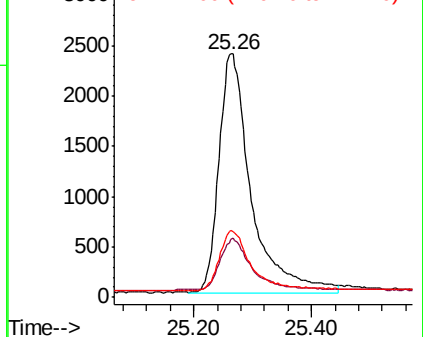
277 24.7 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.19 min Scan# 2517

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

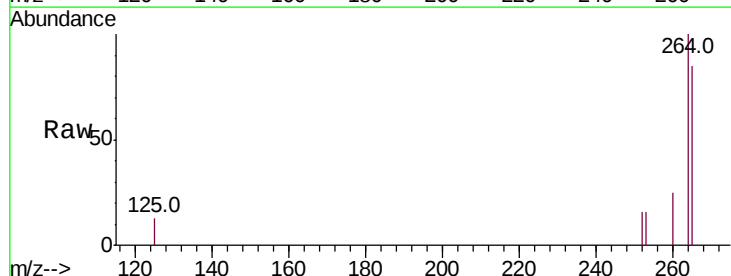
Tgt Ion:264 Resp: 5568

Ion Ratio Lower Upper

264 100

260 25.1 20.1 30.1

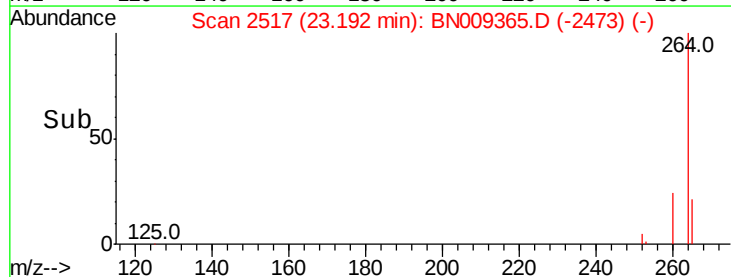
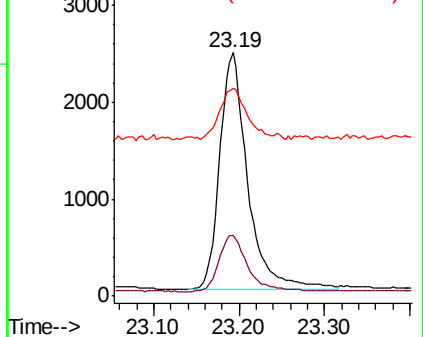
265 85.3 68.2 102.4

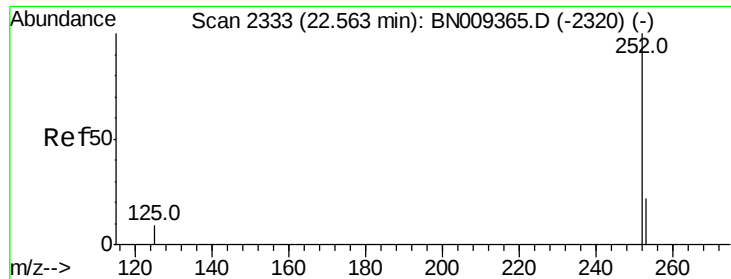


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.393 ng

RT: 22.56 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

Instrument :

BNA_N

ClientSampleId :

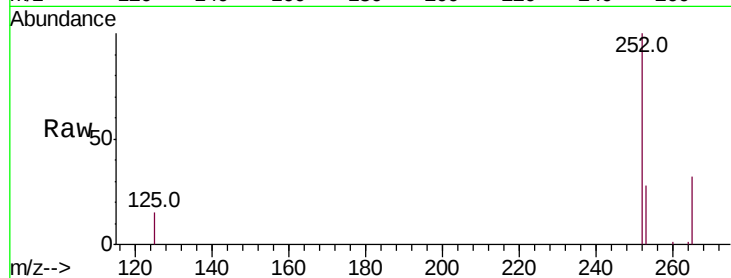
Tot Ion:252 Resp: 7841

Ion Ratio Lower Upper

252 100

253 28.0 22.4 33.6

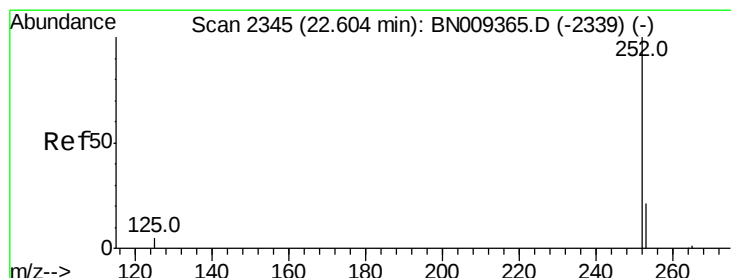
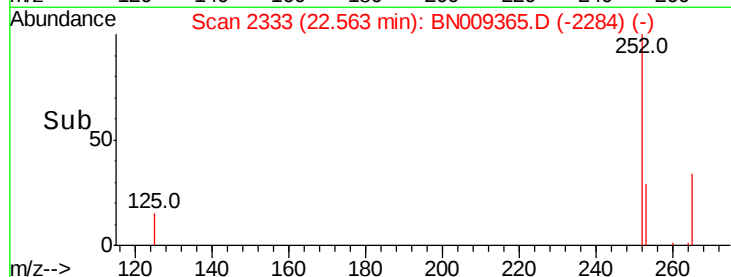
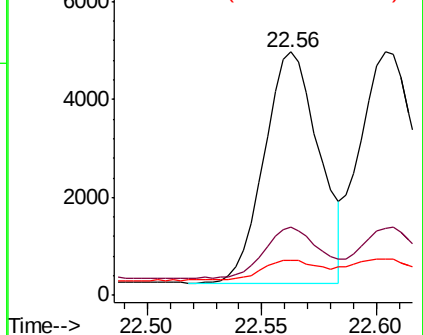
125 14.5 11.6 17.4



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: 0.471 ng

RT: 22.60 min Scan# 2345

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

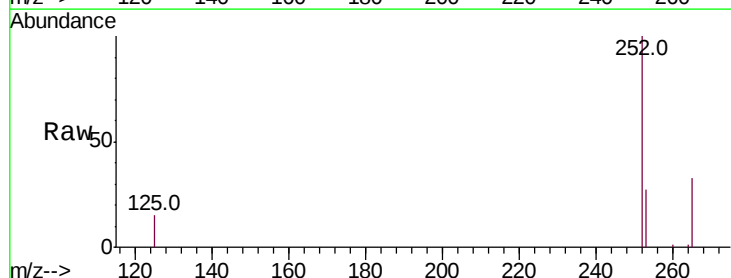
Tgt Ion:252 Resp: 9458

Ion Ratio Lower Upper

252 100

253 27.4 21.9 32.9

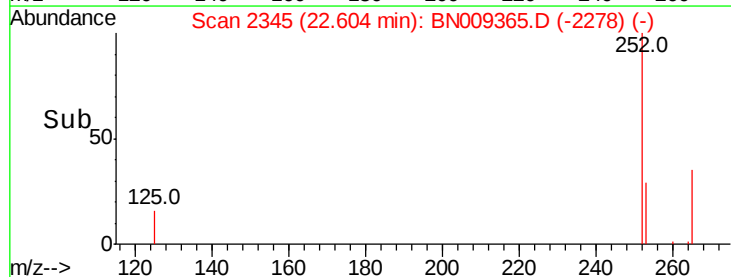
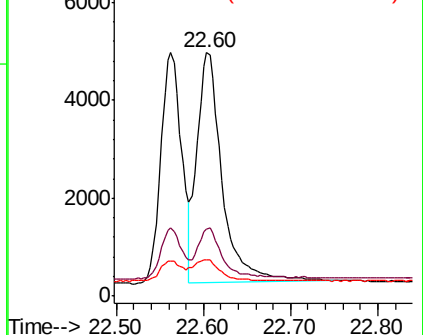
125 15.0 12.0 18.0

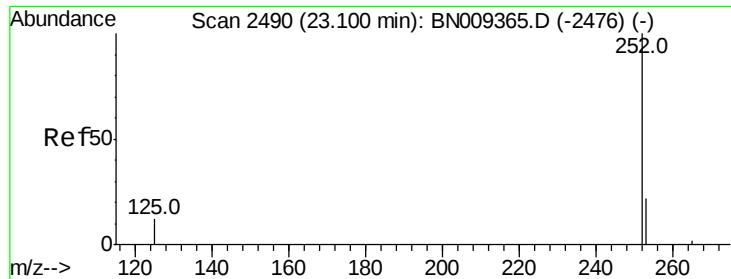


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.398 ng

RT: 23.10 min Scan# 2490

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

Instrument :

BNA_N

ClientSampleId :

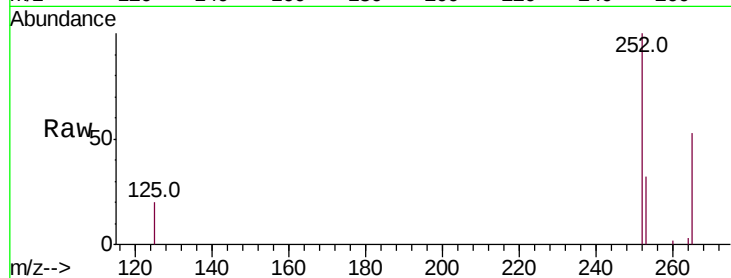
Tot Ion:252 Resp: 7126

Ion Ratio Lower Upper

252 100

253 31.7 25.4 38.0

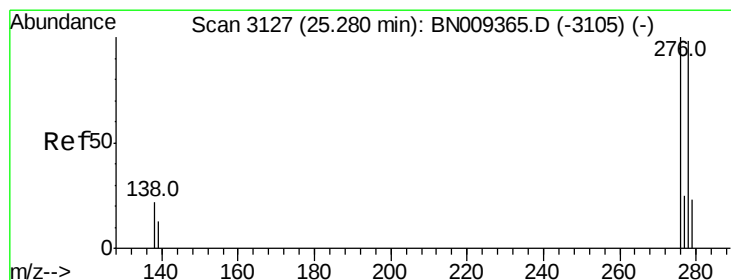
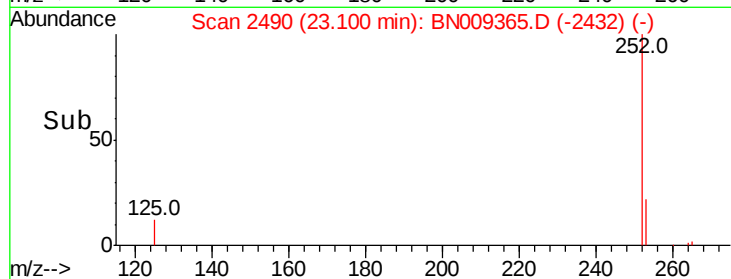
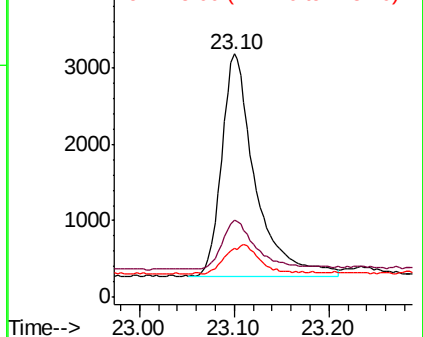
125 20.2 16.2 24.2



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: 0.425 ng

RT: 25.28 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

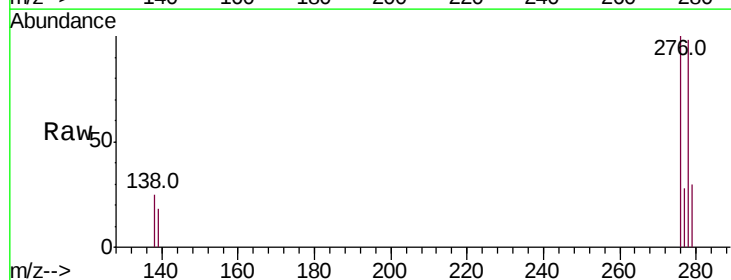
Tgt Ion:278 Resp: 7144

Ion Ratio Lower Upper

278 100

139 18.1 14.5 21.7

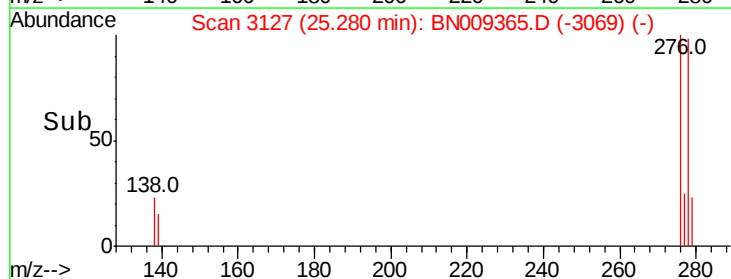
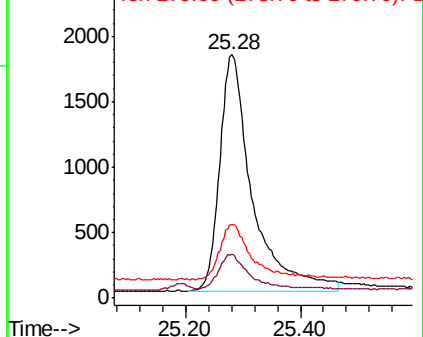
279 30.3 24.2 36.4

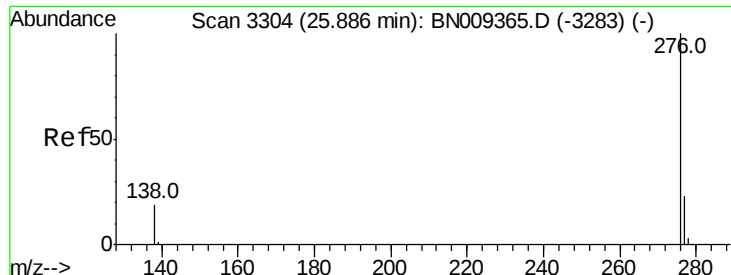


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.484 ng

RT: 25.89 min Scan# 3304

Delta R.T. 0.00 min

Lab File: BN009365.D

Acq: 13 Jan 2020 15:42

Instrument :

BNA_N

ClientSampleId :

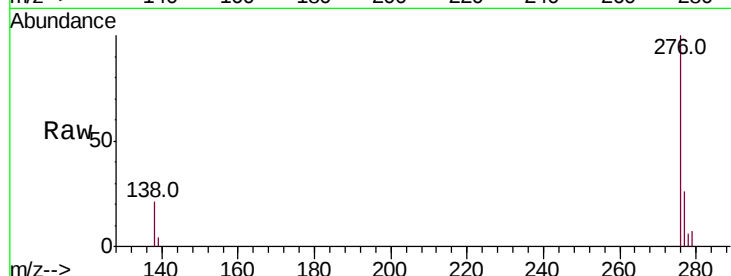
Tot Ion:276 Resp: 8026

Ion Ratio Lower Upper

276 100

277 25.7 20.6 30.8

138 21.4 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

