

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012420\
 Data File : BN009435.D
 Acq On : 24 Jan 2020 10:04
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 24 12:17:41 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	1783	0.40	ng	0.00
7) Naphthalene-d8	10.22	136	6502	0.40	ng	-0.01
13) Acenaphthene-d10	14.09	164	4256	0.40	ng	-0.02
19) Phenanthrene-d10	16.85	188	9507	0.40	ng	-0.02
27) Chrysene-d12	21.06	240	8594	0.40	ng	-0.01
34) Perylene-d12	23.18	264	8780	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	1716	0.42	ng	0.00
5) Phenol-d6	6.67	99	2014	0.42	ng	0.00
8) Nitrobenzene-d5	8.62	82	2067	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	11.81	152	4960	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	15.61	330	661	0.41	ng	-0.02
15) 2-Fluorobiphenyl	12.72	172	6575	0.41	ng	0.00
25) Fluoranthene-d10	18.89	212	12129	0.37	ng	-0.01
29) Terphenyl-d14	19.51	244	8276	0.41	ng	-0.01

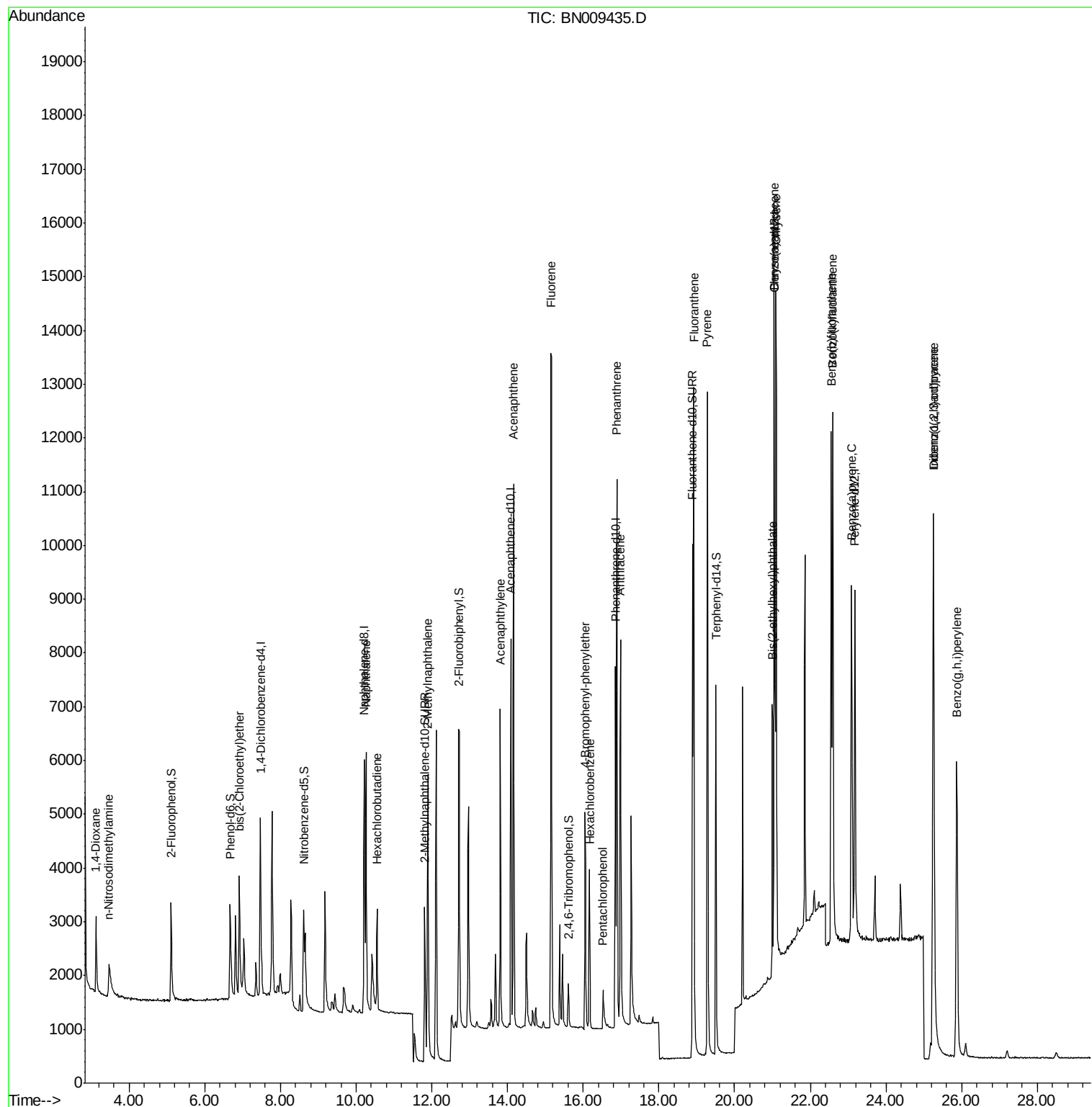
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.13	88	721	0.388	ng	99
3) n-Nitrosodimethylamine	3.47	42	999	0.348	ng	# 83
6) bis(2-Chloroethyl)ether	6.91	93	1865	0.382	ng	99
9) Naphthalene	10.27	128	7017	0.399	ng	98
10) Hexachlorobutadiene	10.56	225	1530	0.396	ng	# 99
12) 2-Methylnaphthalene	11.89	142	4899	0.400	ng	99
16) Acenaphthylene	13.81	152	7041	0.384	ng	100
17) Acenaphthene	14.16	154	5069	0.393	ng	100
18) Fluorene	15.15	166	6545	0.389	ng	99
20) 4-Bromophenyl-phenylether	16.05	248	2192	0.383	ng	# 89
21) Hexachlorobenzene	16.17	284	2388	0.392	ng	97
22) Pentachlorophenol	16.53	266	643	0.446	ng	94
23) Phenanthrene	16.89	178	10930	0.383	ng	100
24) Anthracene	16.99	178	9044	0.377	ng	99
26) Fluoranthene	18.92	202	12642	0.377	ng	100
28) Pyrene	19.29	202	12709	0.390	ng	100
30) Benzo(a)anthracene	21.05	228	10809	0.383	ng	98
31) Chrysene	21.09	228	12514	0.387	ng	98
32) Bis(2-ethylhexyl)phthalate	20.99	149	5143	0.412	ng	98
33) Indeno(1,2,3-cd)pyrene	25.24	276	13277	0.395	ng	99
35) Benzo(b)fluoranthene	22.55	252	11936	0.370	ng	96
36) Benzo(k)fluoranthene	22.59	252	13153	0.369	ng	98
37) Benzo(a)pyrene	23.09	252	10758	0.378	ng	93
38) Dibenzo(a,h)anthracene	25.26	278	10421	0.364	ng	94
39) Benzo(g,h,i)perylene	25.87	276	11160	0.355	ng	98

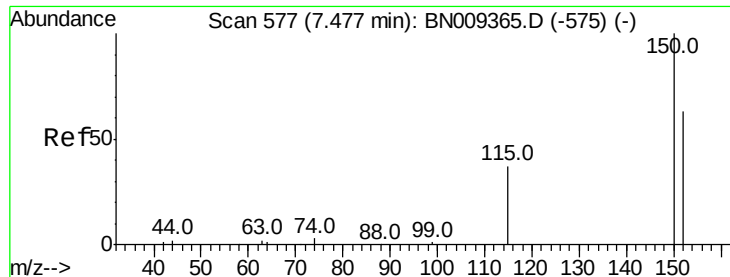
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_N
ClientSampled :

Quant Time: Jan 24 12:17:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
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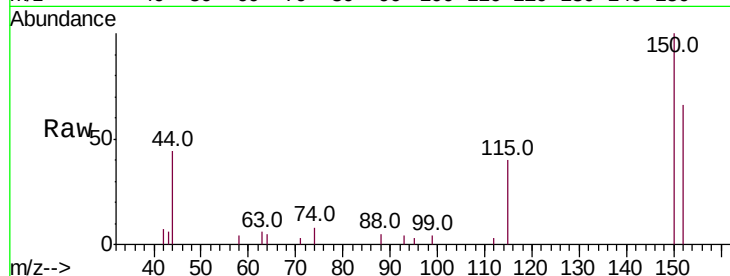


#1

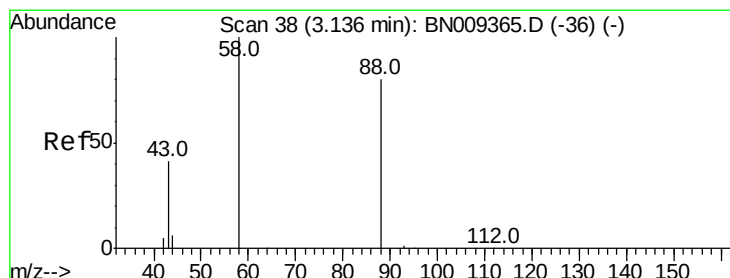
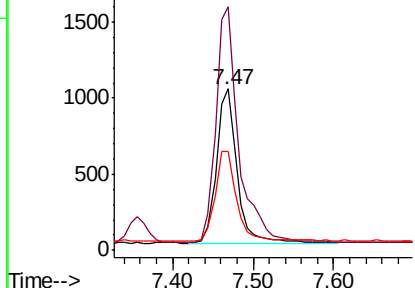
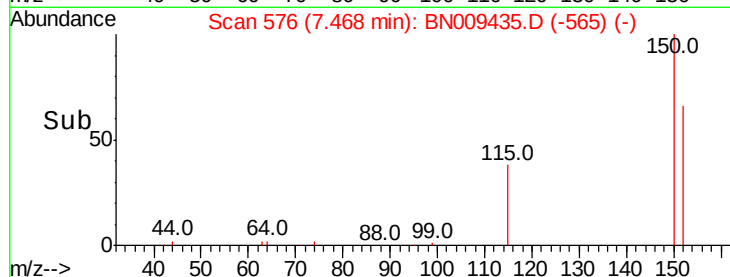
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BN009435.D
Acq: 24 Jan 2020 10:04

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1783
Ion Ratio Lower Upper
152 100
150 150.7 125.7 188.5
115 60.9 53.3 79.9



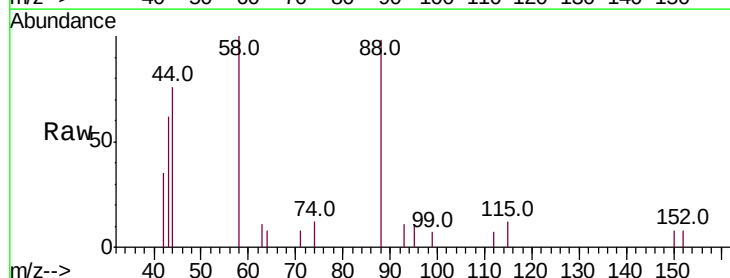
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



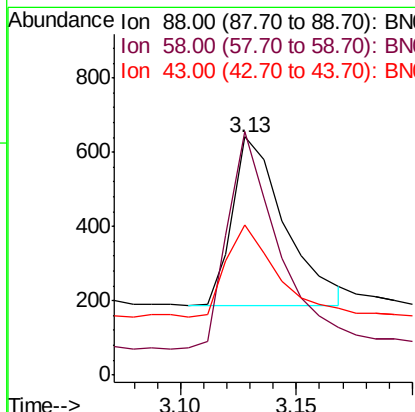
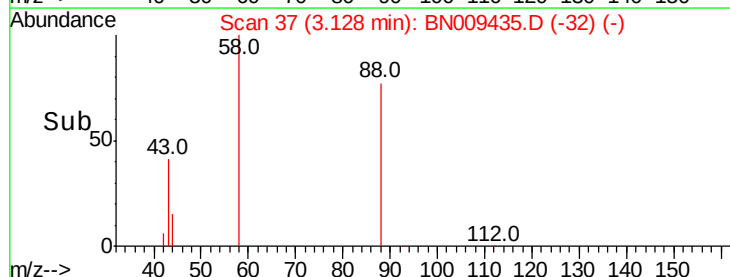
#2

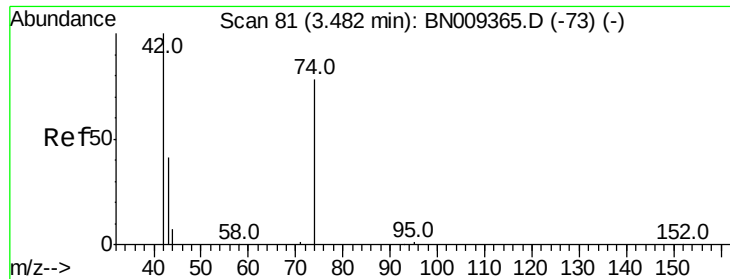
1,4-Dioxane
Concen: 0.388 ng
RT: 3.13 min Scan# 37
Delta R.T. -0.01 min
Lab File: BN009435.D
Acq: 24 Jan 2020 10:04

Tgt Ion: 88 Resp: 721
Ion Ratio Lower Upper
88 100
58 124.7 100.2 150.2
43 52.1 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



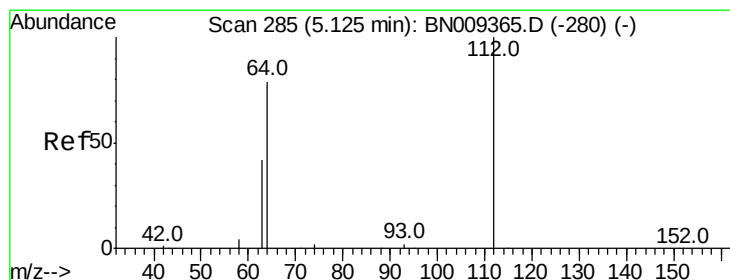
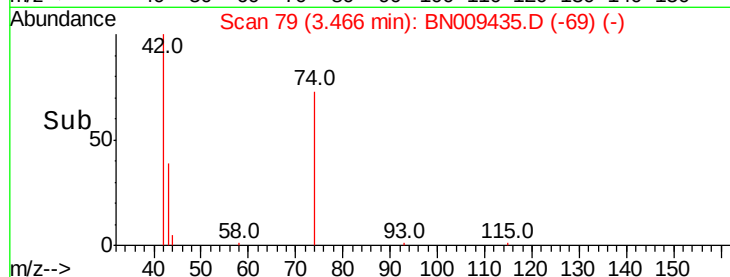
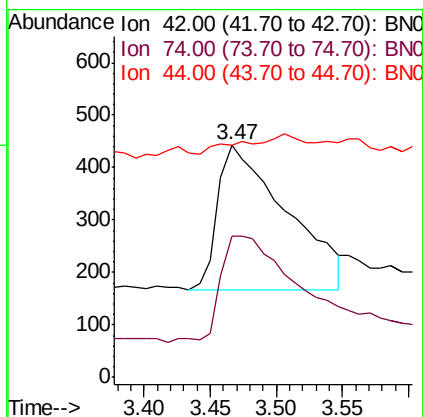
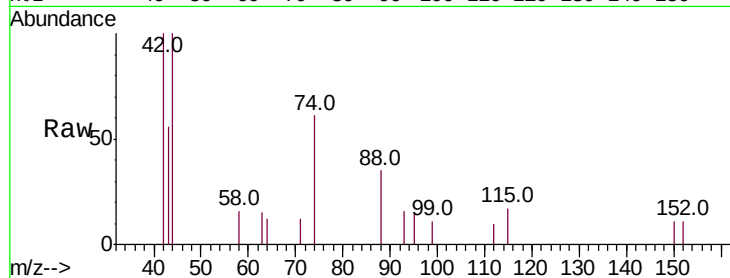


#3

n-Nitrosodimethylamine
 Concen: 0.348 ng
 RT: 3.47 min Scan# 79
 Delta R.T. -0.02 min
 Lab File: BN009435.D
 Acq: 24 Jan 2020 10:04

Instrument :
 BNA_N
 ClientSampleId :

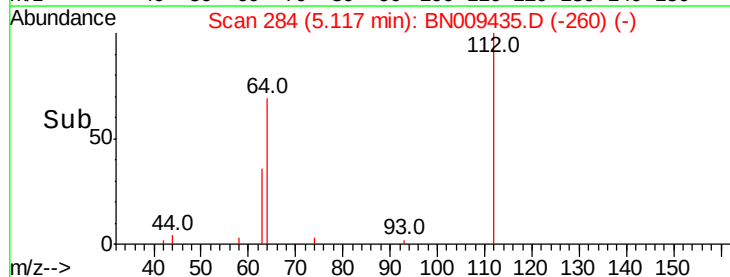
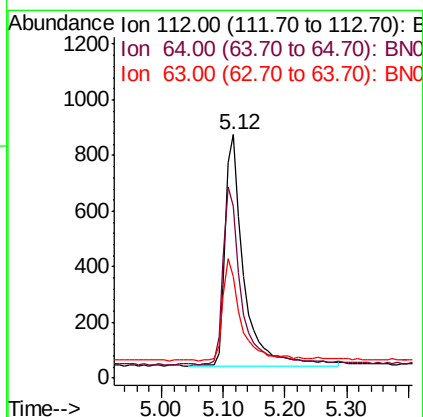
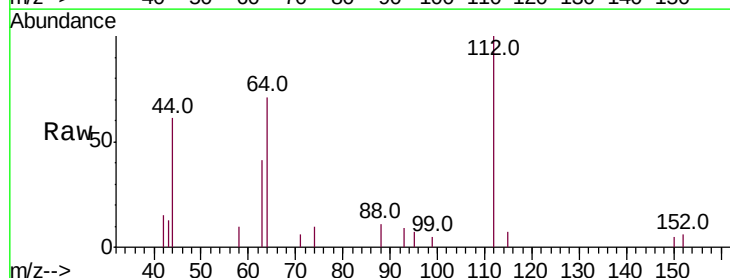
Tot Ion: 42 Resp: 999
 Ion Ratio Lower Upper
 42 100
 74 81.1 55.8 83.8
 44 0.0 11.1 16.7#

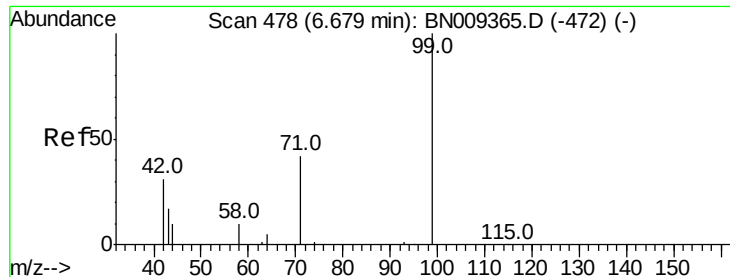


#4

2-Fluorophenol
 Concen: 0.418 ng
 RT: 5.12 min Scan# 284
 Delta R.T. -0.01 min
 Lab File: BN009435.D
 Acq: 24 Jan 2020 10:04

Tgt Ion: 112 Resp: 1716
 Ion Ratio Lower Upper
 112 100
 64 77.0 61.5 92.3
 63 43.6 35.0 52.4





#5

Phenol-d6

Concen: 0.424 ng

RT: 6.67 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

Instrument :

BNA_N

ClientSampleId :

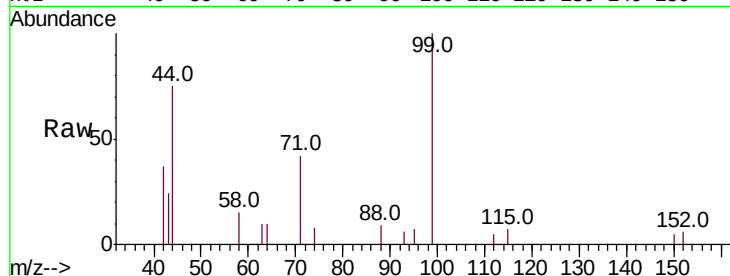
Tot Ion: 99 Resp: 2014

Ion Ratio Lower Upper

99 100

42 32.0 27.6 41.4

71 40.5 33.0 49.6

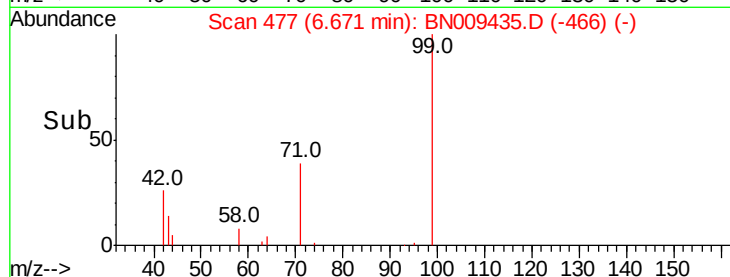


Abundance Ion 99.00 (98.70 to 99.70): BN009435.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN009435.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN009435.D (-472) (-)

Time-->

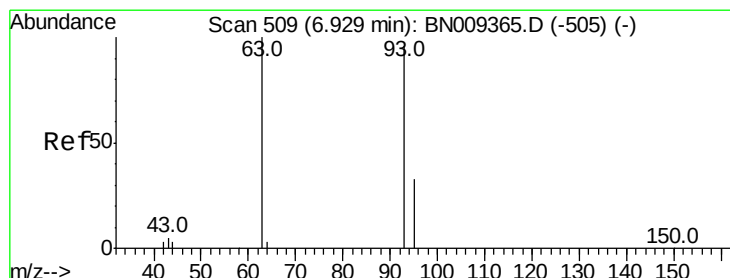


Abundance Ion 99.00 (98.70 to 99.70): BN009435.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN009435.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN009435.D (-466) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.382 ng

RT: 6.91 min Scan# 507

Delta R.T. -0.02 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

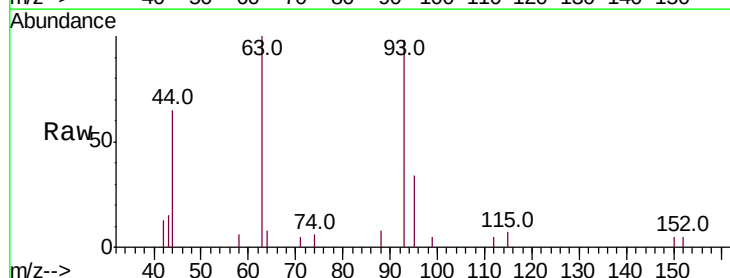
Tgt Ion: 93 Resp: 1865

Ion Ratio Lower Upper

93 100

63 107.1 85.1 127.7

95 35.7 30.2 45.4

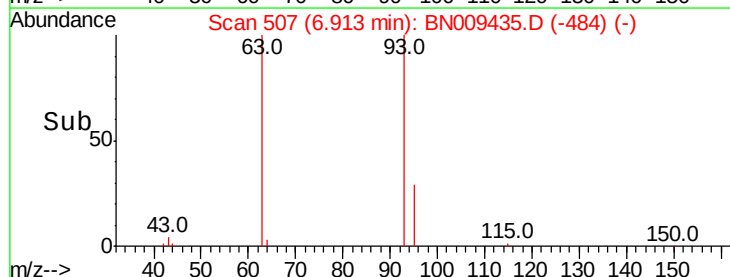


Abundance Ion 93.00 (92.70 to 93.70): BN009435.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN009435.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN009435.D (-505) (-)

Time-->

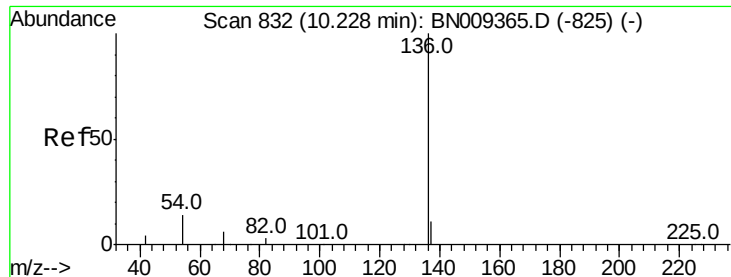


Abundance Ion 93.00 (92.70 to 93.70): BN009435.D (-484) (-)

Ion 63.00 (62.70 to 63.70): BN009435.D (-484) (-)

Ion 95.00 (94.70 to 95.70): BN009435.D (-484) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.22 min Scan# 831

Delta R.T. -0.01 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 6502

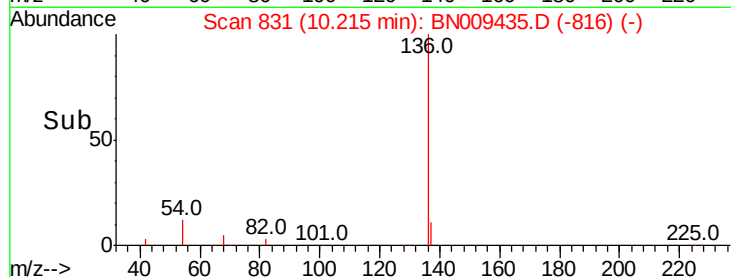
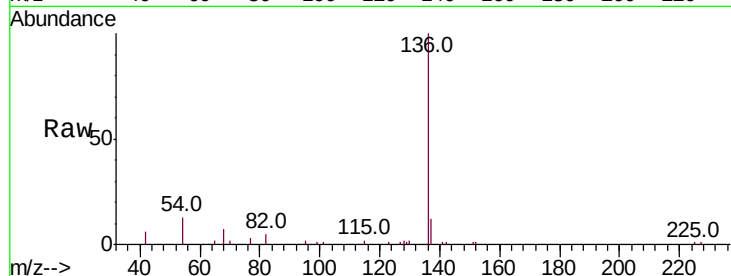
Ion Ratio Lower Upper

136 100

137 12.1 10.3 15.5

54 13.1 12.6 19.0

68 6.7 6.5 9.7

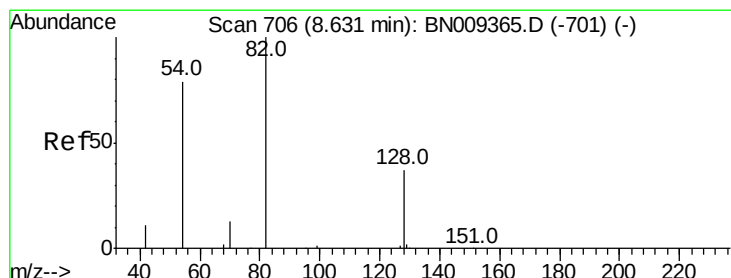
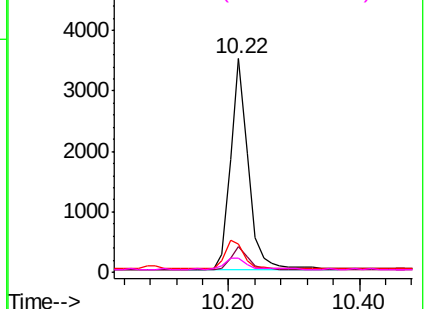


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.399 ng

RT: 8.62 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

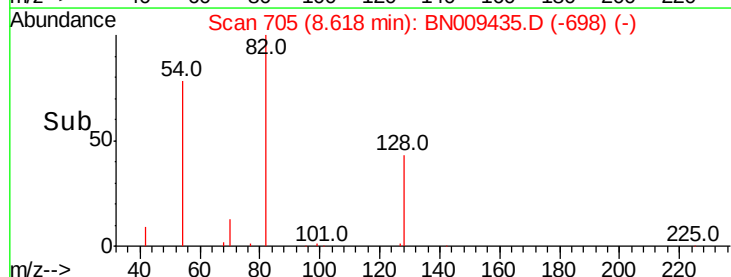
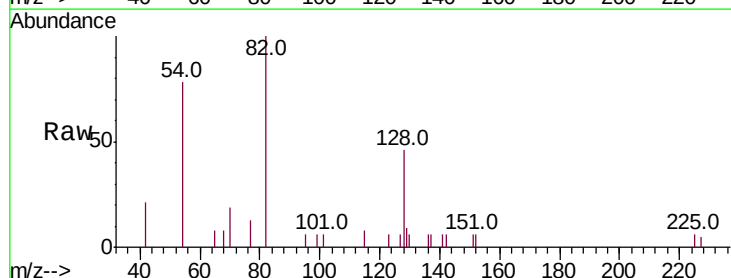
Tgt Ion: 82 Resp: 2067

Ion Ratio Lower Upper

82 100

128 45.5 34.8 52.2

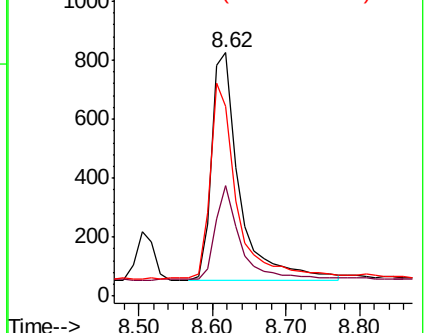
54 77.8 65.8 98.6

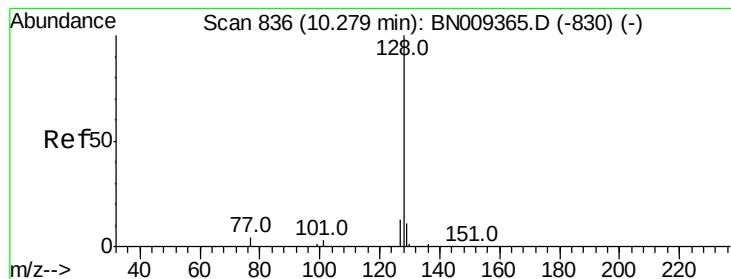


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.399 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.01 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

Instrument :

BNA_N

ClientSampleId :

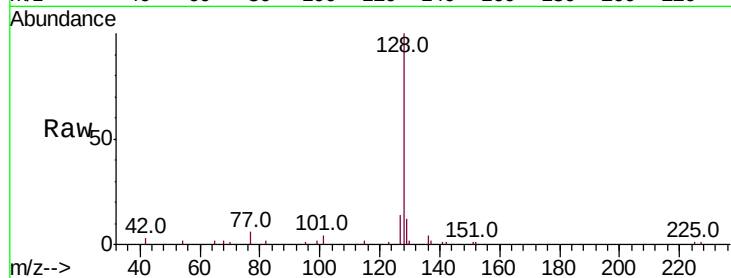
Tot Ion:128 Resp: 7017

Ion Ratio Lower Upper

128 100

129 11.7 10.4 15.6

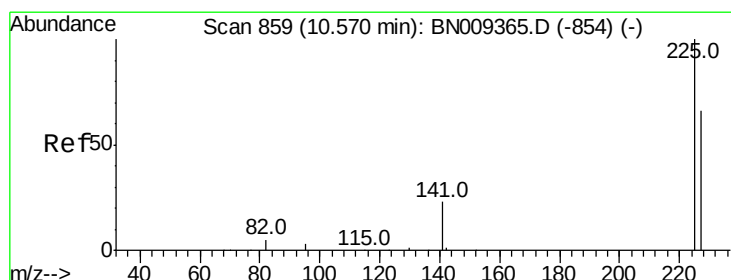
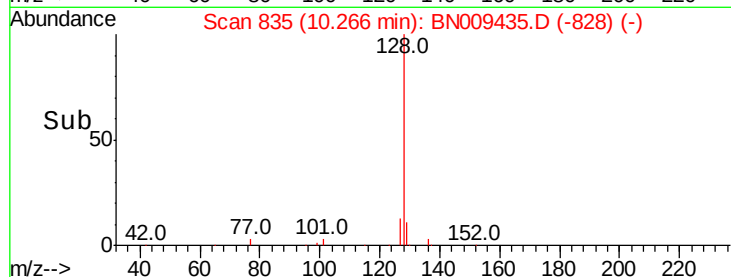
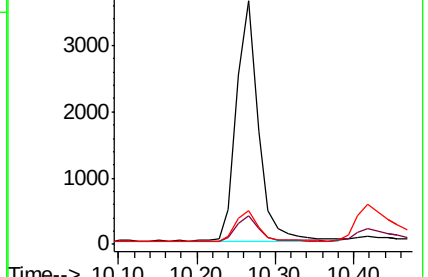
127 13.8 11.4 17.2



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: 0.396 ng

RT: 10.56 min Scan# 858

Delta R.T. -0.01 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

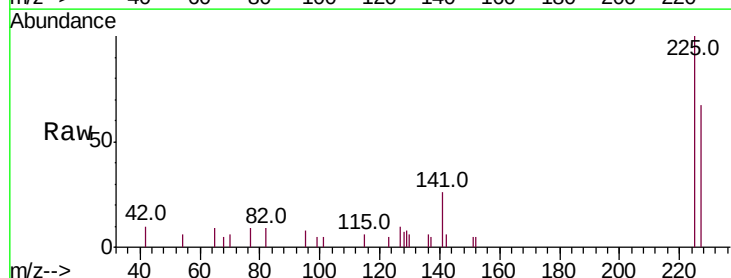
Tgt Ion:225 Resp: 1530

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

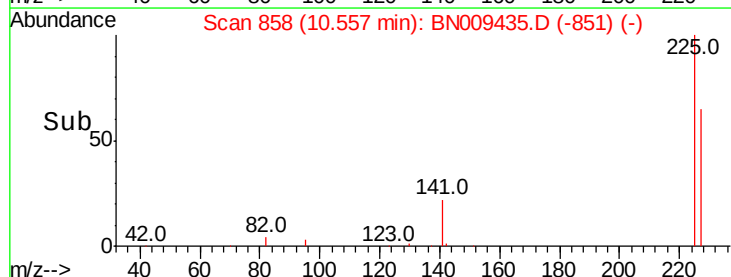
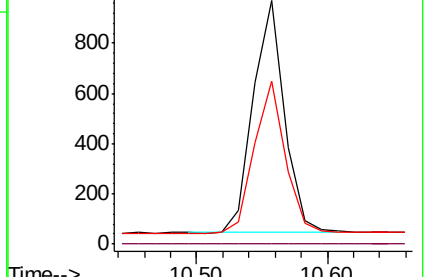
227 65.0 52.6 78.8

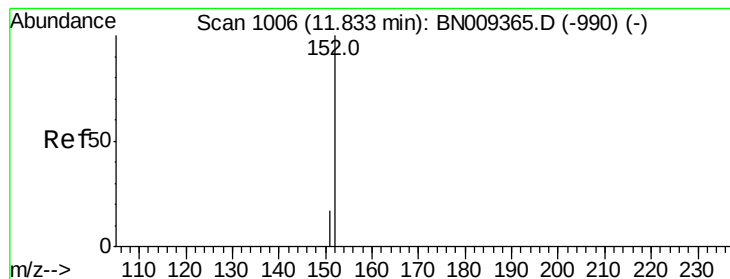


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.395 ng

RT: 11.81 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

Instrument :

BNA_N

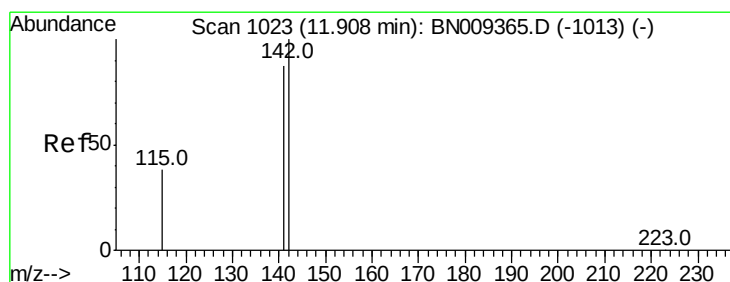
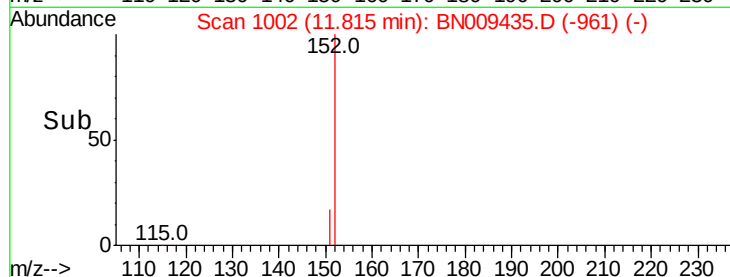
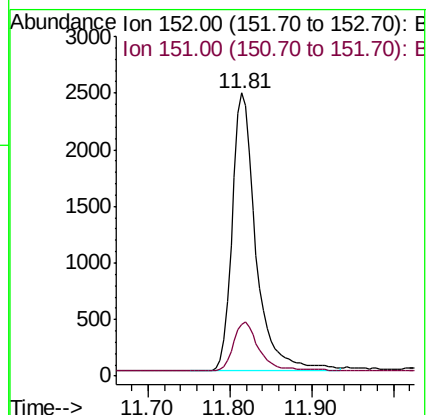
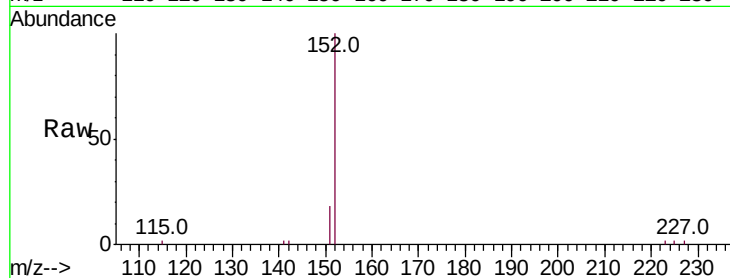
ClientSampleId :

Tot Ion:152 Resp: 4960

Ion Ratio Lower Upper

152 100

151 18.9 14.8 22.2



#12

2-Methylnaphthalene

Concen: 0.400 ng

RT: 11.89 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

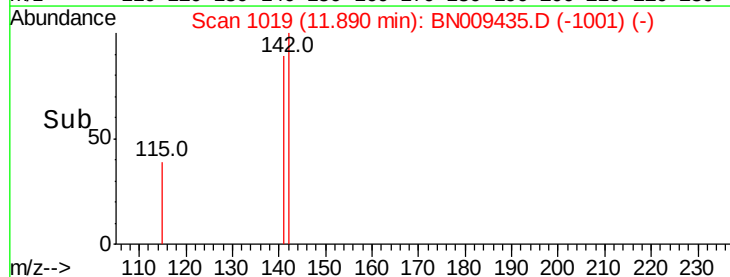
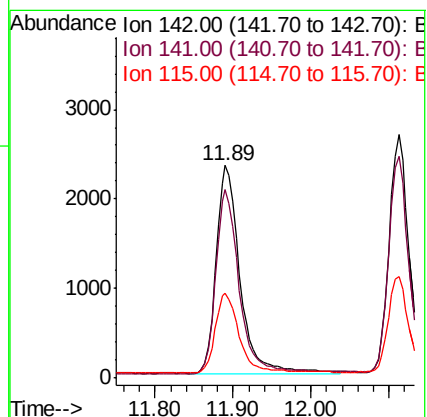
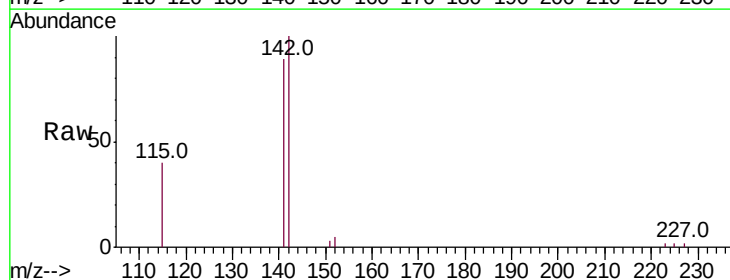
Tgt Ion:142 Resp: 4899

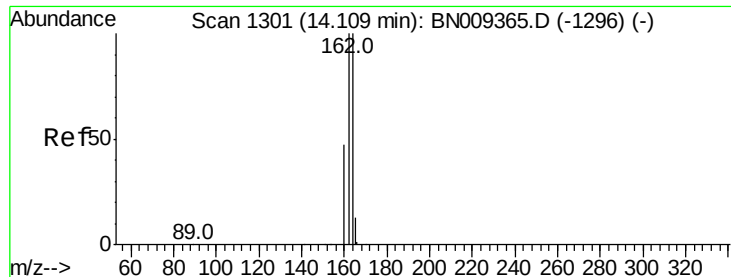
Ion Ratio Lower Upper

142 100

141 88.8 69.8 104.6

115 40.2 32.5 48.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.09 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

Instrument :

BNA_N

ClientSampleId :

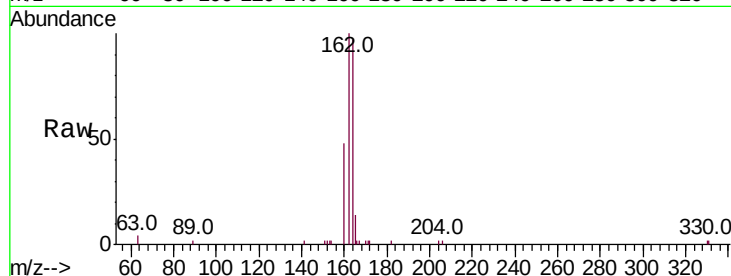
Tot Ion:164 Resp: 4256

Ion Ratio Lower Upper

164 100

162 102.6 79.8 119.6

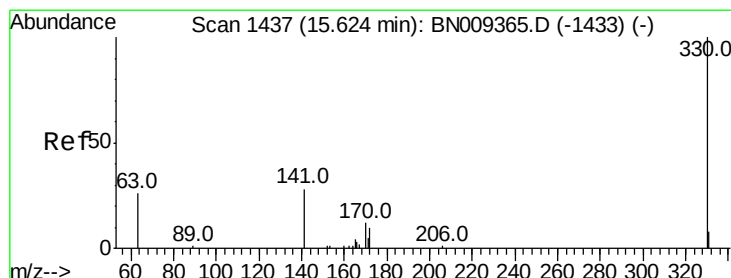
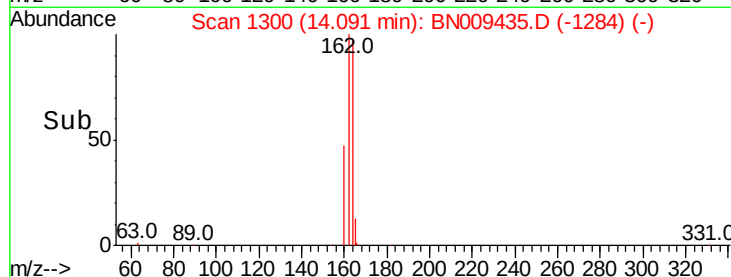
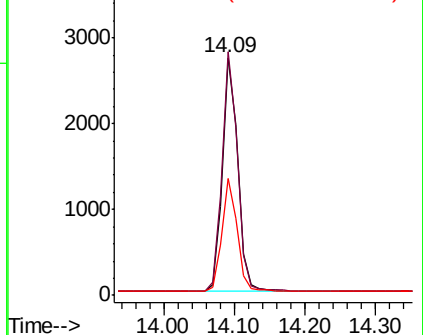
160 49.1 38.4 57.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.411 ng

RT: 15.61 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

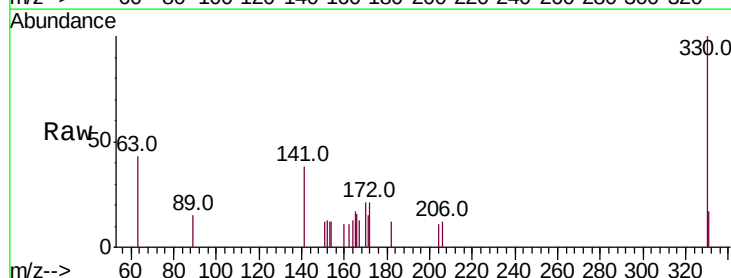
Tgt Ion:330 Resp: 661

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

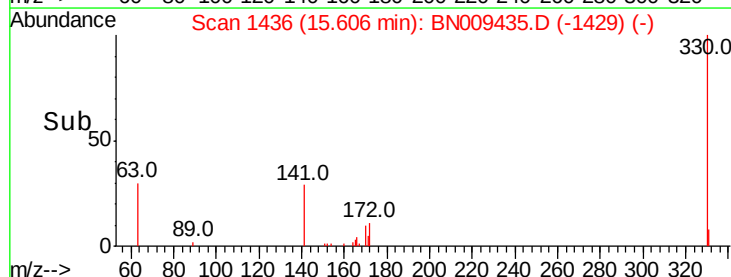
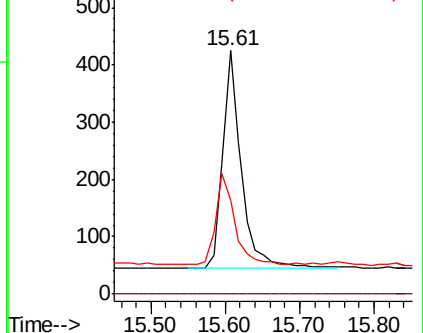
141 42.5 33.1 49.7

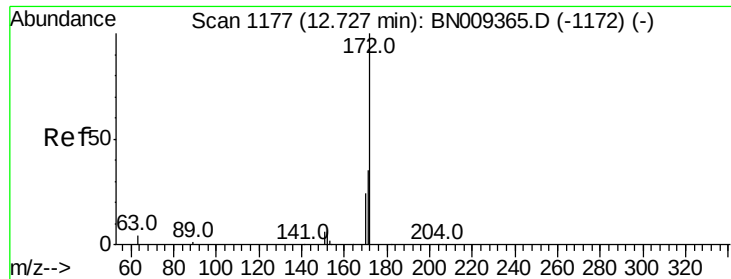


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

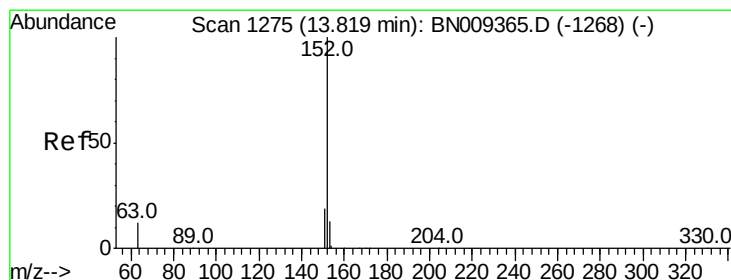
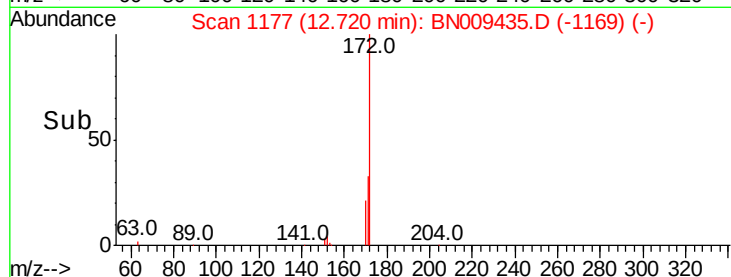
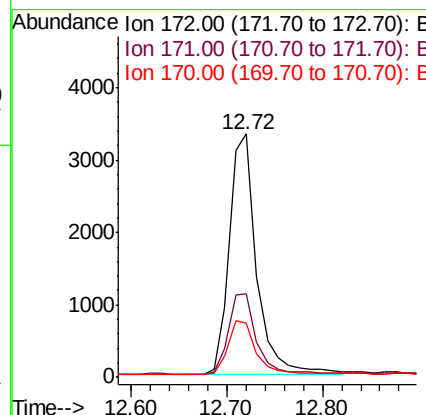
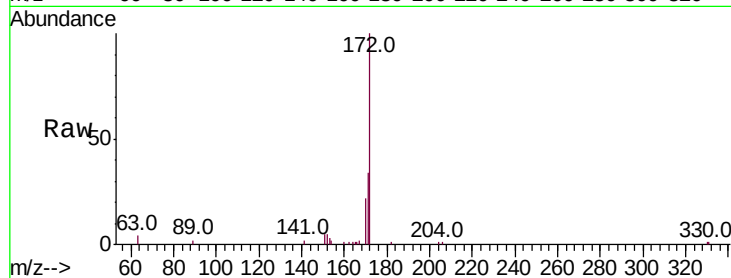




#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 12.72 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN009435.D
Acq: 24 Jan 2020 10:04

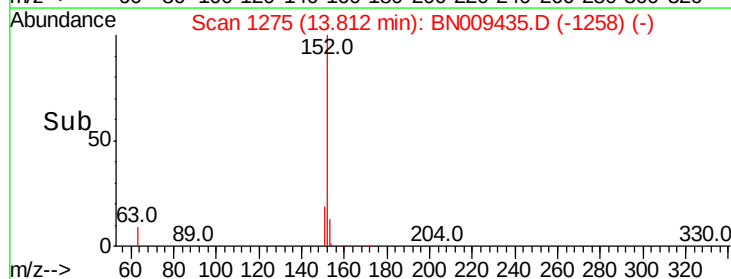
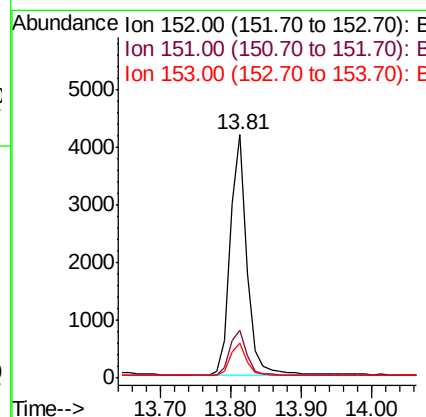
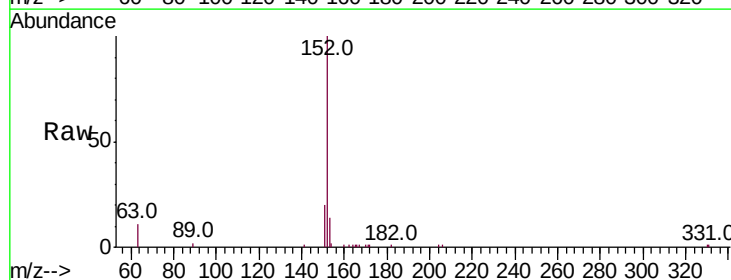
Instrument :
BNA_N
ClientSampleId :

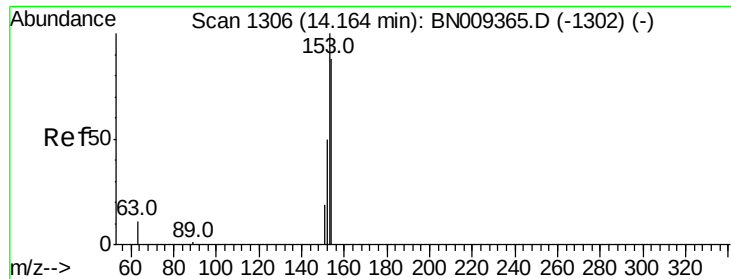
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.5	44.3
170	22.4	20.7	31.1



#16
Acenaphthylene
Concen: 0.384 ng
RT: 13.81 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BN009435.D
Acq: 24 Jan 2020 10:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2
153	13.1	10.4	15.6





#17

Acenaphthene

Concen: 0.393 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

Instrument :

BNA_N

ClientSampleId :

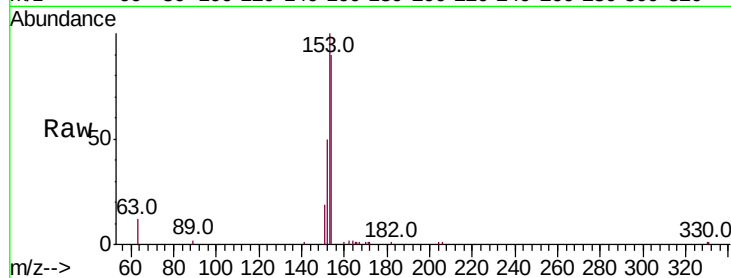
Tot Ion:154 Resp: 5069

Ion Ratio Lower Upper

154 100

153 113.0 90.5 135.7

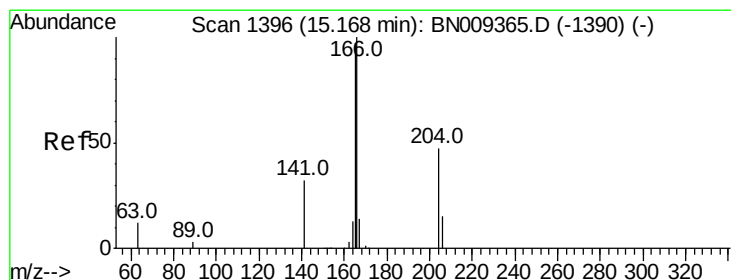
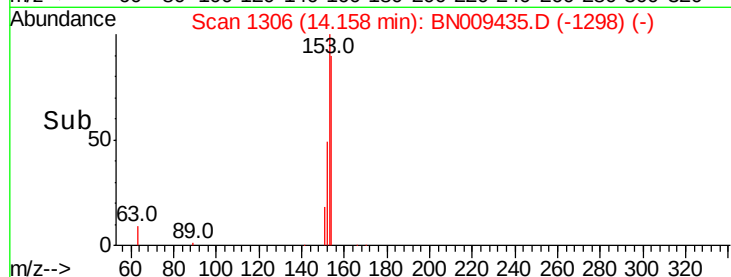
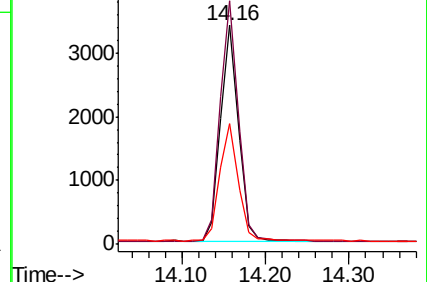
152 55.6 45.3 67.9



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: 15.15 min Scan# 1395

Delta R.T. -0.02 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

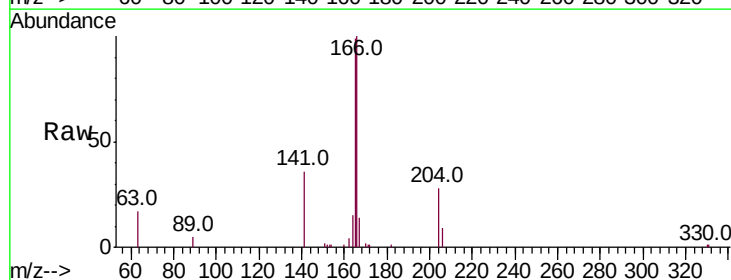
Tgt Ion:166 Resp: 6545

Ion Ratio Lower Upper

166 100

165 98.4 78.2 117.2

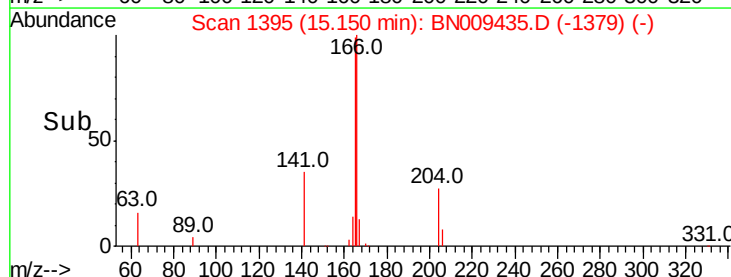
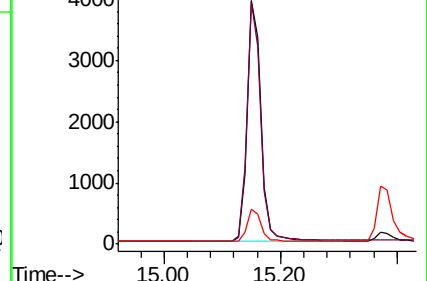
167 13.5 11.0 16.6

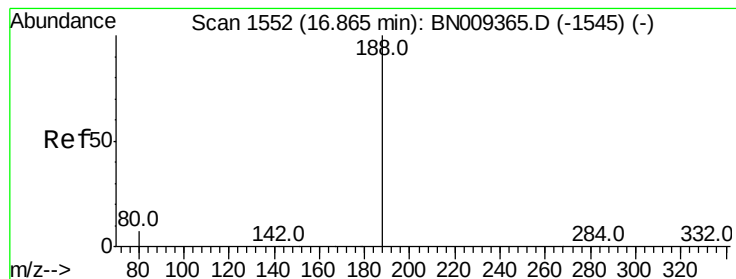


Abundance Ion 166.00 (165.70 to 166.70): E

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. -0.02 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

Instrument :

BNA_N

ClientSampleId :

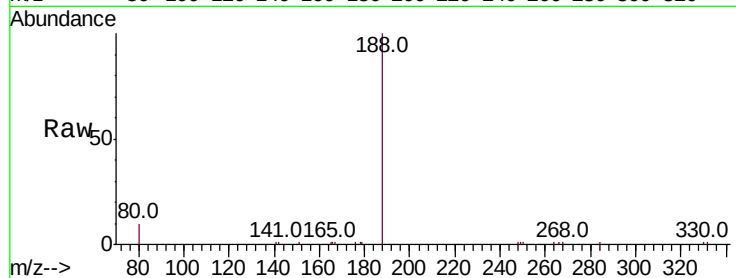
Tot Ion:188 Resp: 9507

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

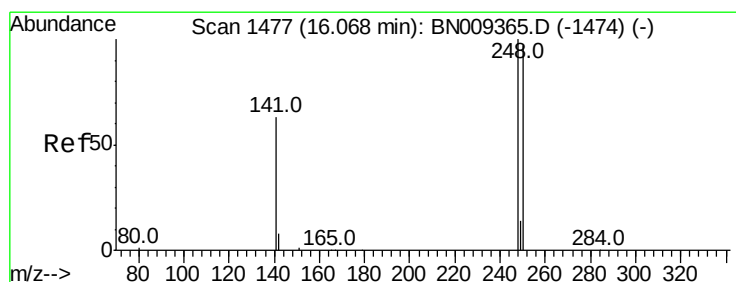
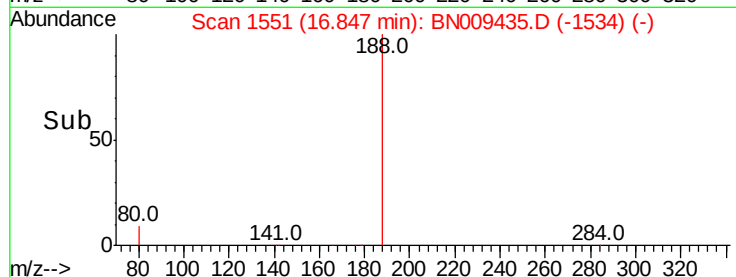
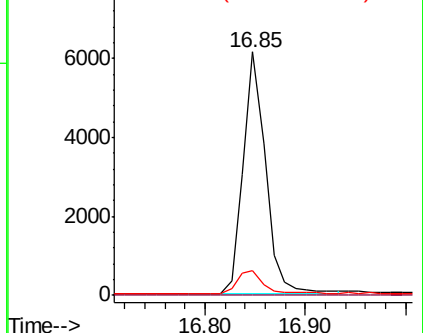
80 10.3 6.6 10.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.383 ng

RT: 16.05 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

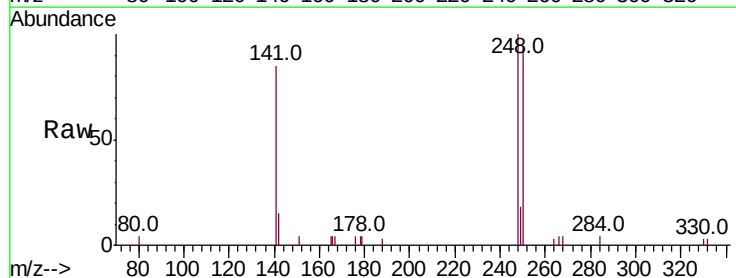
Tgt Ion:248 Resp: 2192

Ion Ratio Lower Upper

248 100

250 93.7 77.8 116.8

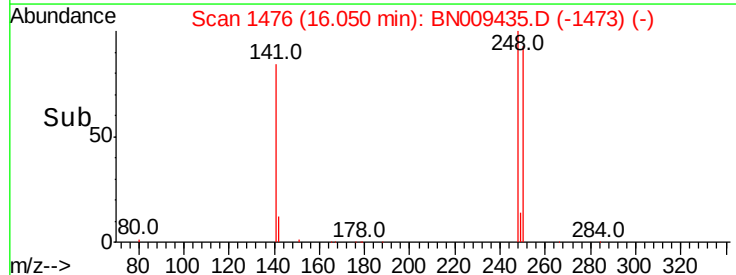
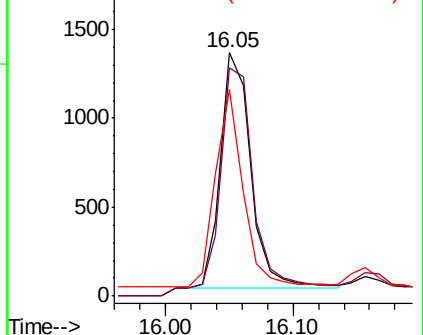
141 85.0 53.4 80.0#

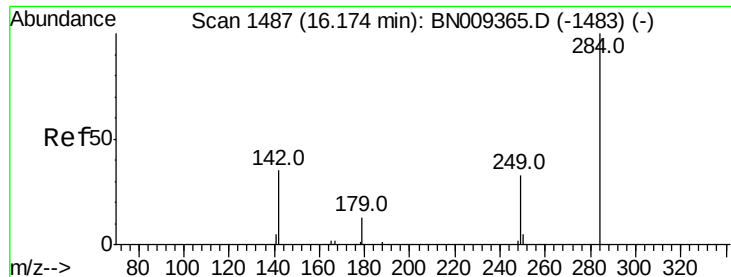


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.392 ng

RT: 16.17 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

Instrument :

BNA_N

ClientSampleId :

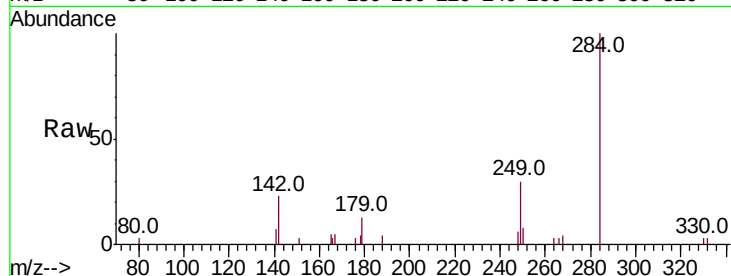
Tot Ion:284 Resp: 2388

Ion Ratio Lower Upper

284 100

142 40.2 33.8 50.8

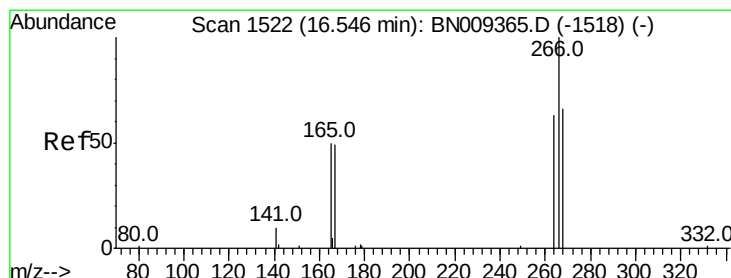
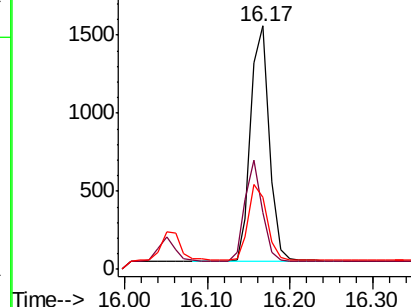
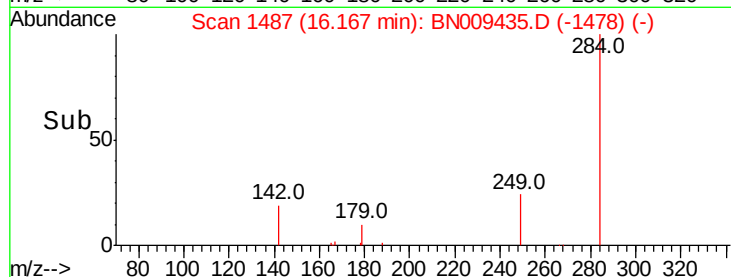
249 32.2 27.0 40.4



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: 0.446 ng

RT: 16.53 min Scan# 1521

Delta R.T. -0.02 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

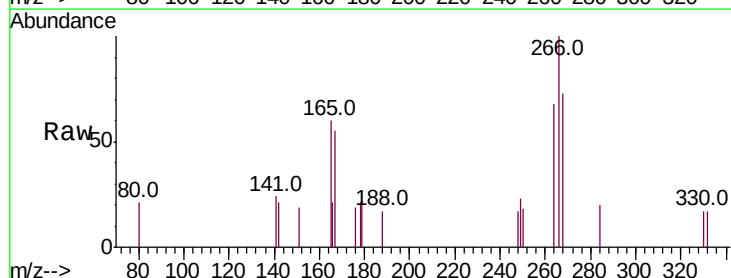
Tgt Ion:266 Resp: 643

Ion Ratio Lower Upper

266 100

264 68.3 57.8 86.6

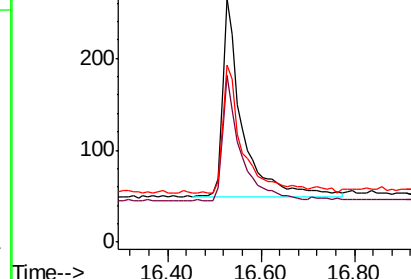
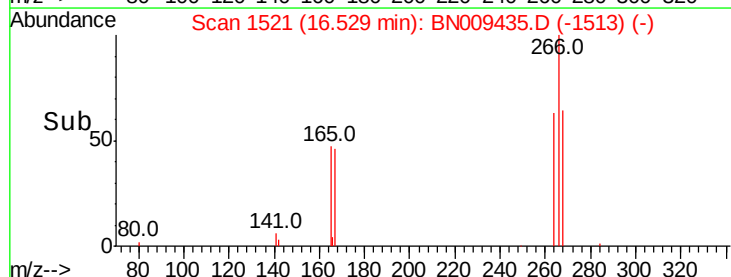
268 72.8 63.8 95.6

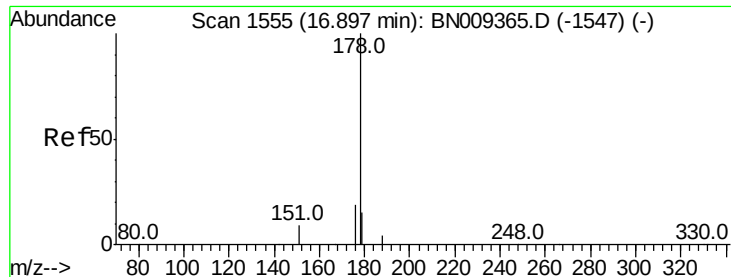


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.383 ng

RT: 16.89 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

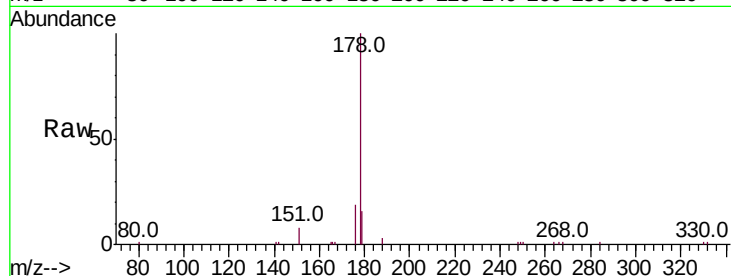
Instrument :

BNA_N

ClientSampled :

Tot Ion:178 Resp: 10930

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.3	12.3	18.5

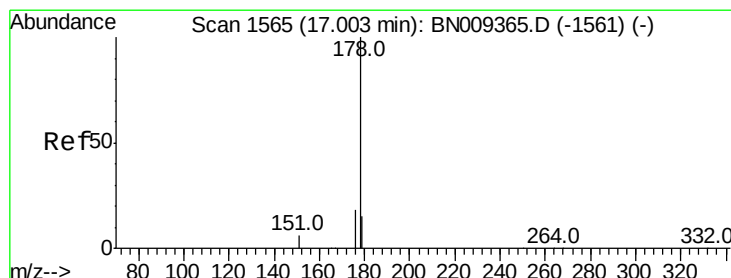
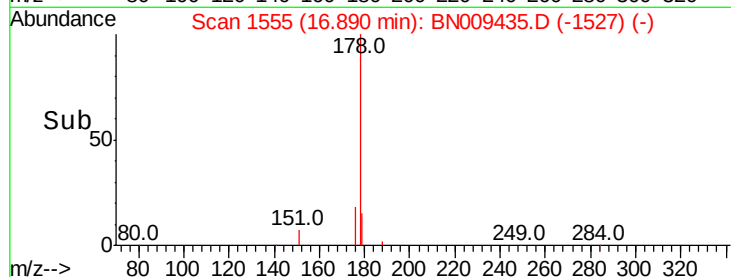
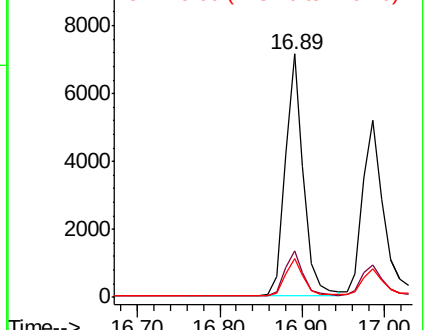


Abundance

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: 0.377 ng

RT: 16.99 min Scan# 1564

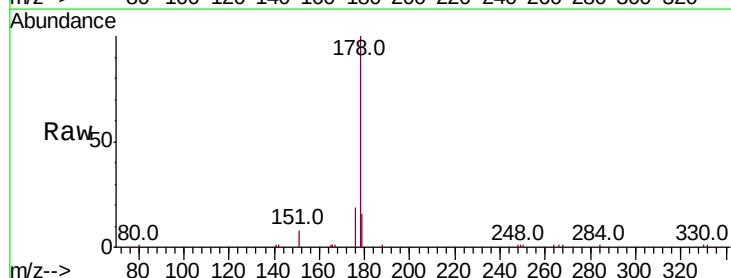
Delta R.T. -0.02 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

Tgt Ion:178 Resp: 9044

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	15.3	12.5	18.7

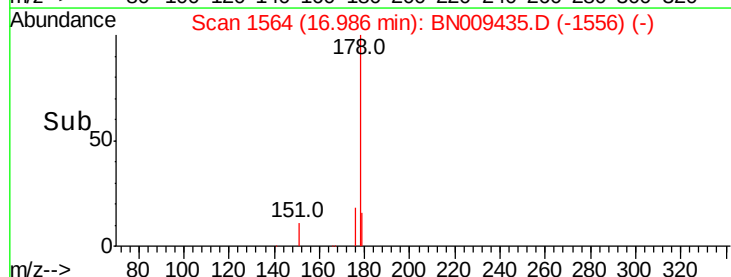
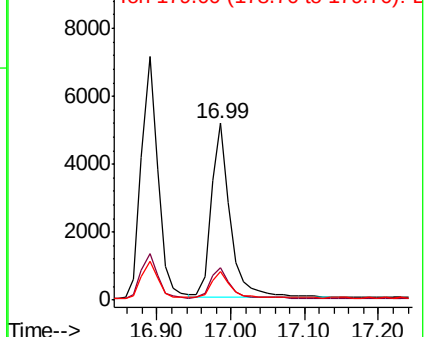


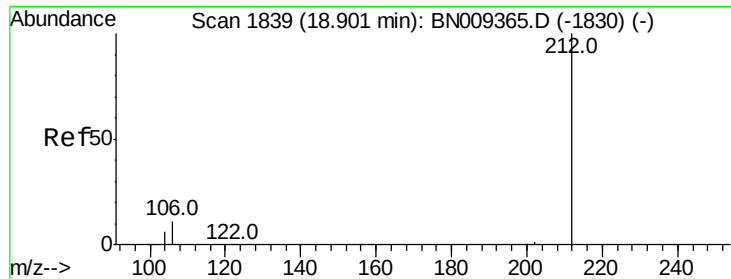
Abundance

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

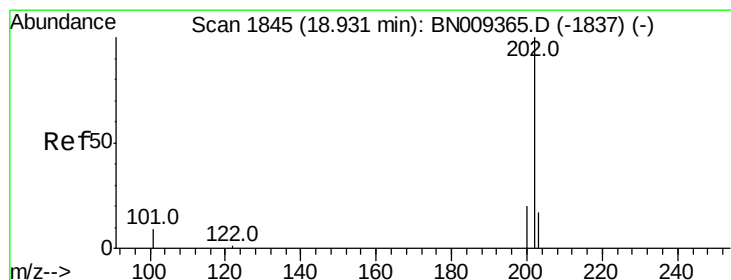
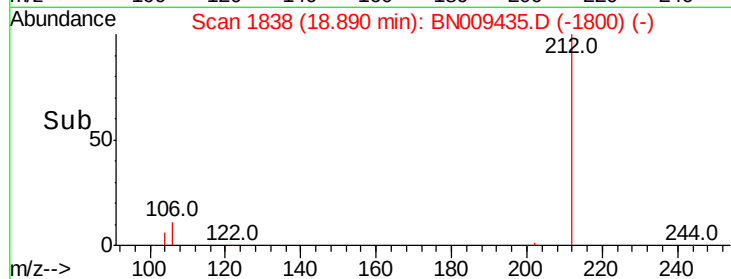
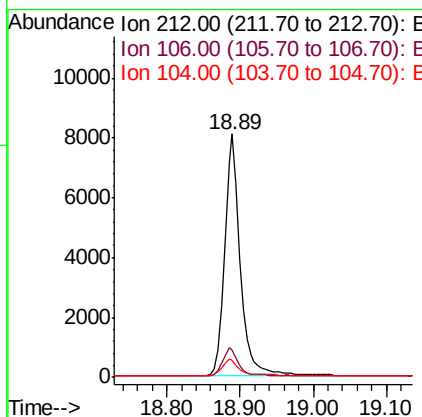
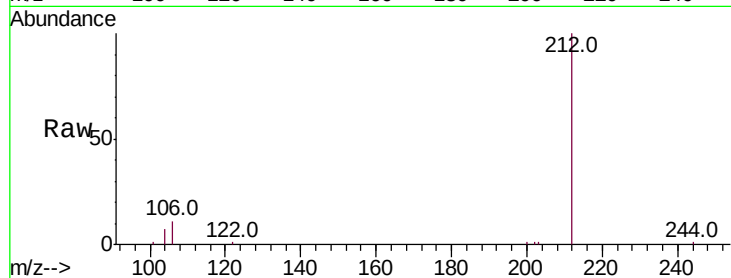




#25
 Fluoranthene-d10
 Concen: 0.372 ng
 RT: 18.89 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BN009435.D
 Acq: 24 Jan 2020 10:04

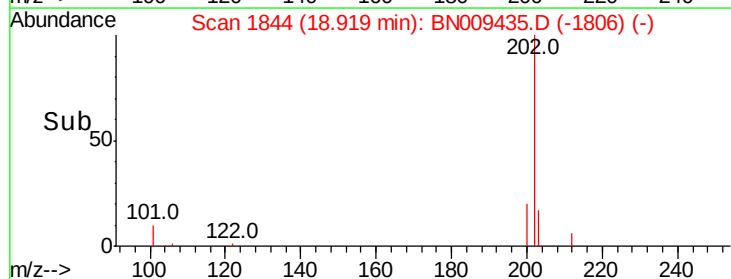
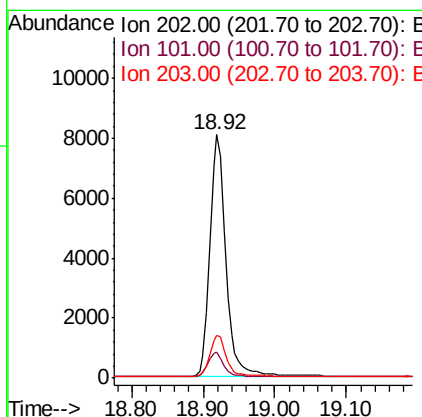
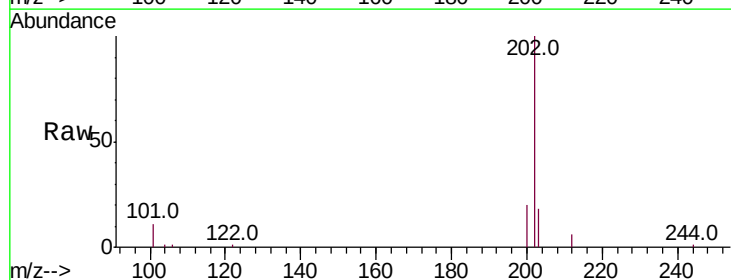
Instrument :
 BNA_N
 ClientSampleId :

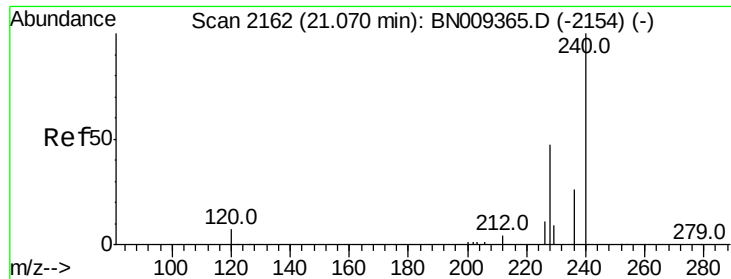
Tot Ion:212 Resp: 12129
 Ion Ratio Lower Upper
 212 100
 106 12.1 9.2 13.8
 104 6.9 5.4 8.0



#26
 Fluoranthene
 Concen: 0.377 ng
 RT: 18.92 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BN009435.D
 Acq: 24 Jan 2020 10:04

Tgt Ion:202 Resp: 12642
 Ion Ratio Lower Upper
 202 100
 101 10.3 8.0 12.0
 203 16.9 13.5 20.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

Instrument :

BNA_N

ClientSampleId :

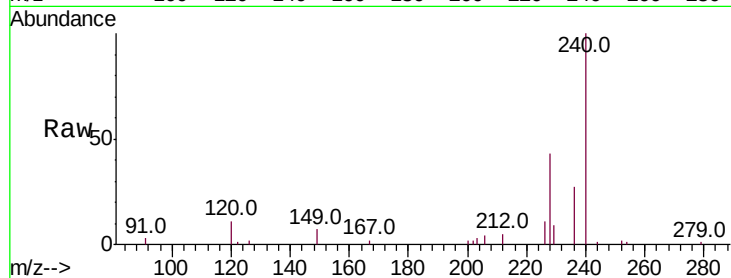
Tot Ion:240 Resp: 8594

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

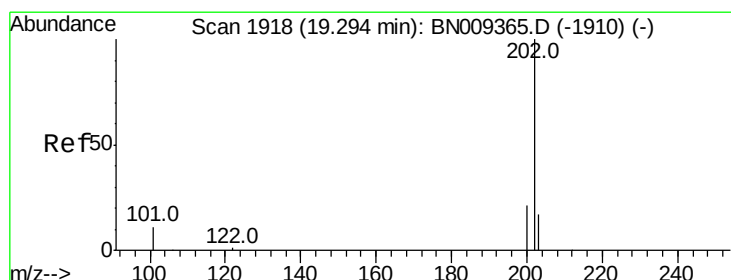
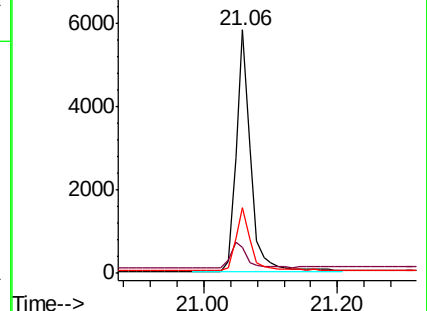
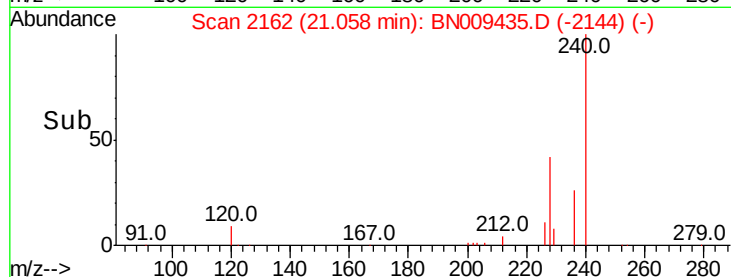
236 27.1 22.2 33.4



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: 0.390 ng

RT: 19.29 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

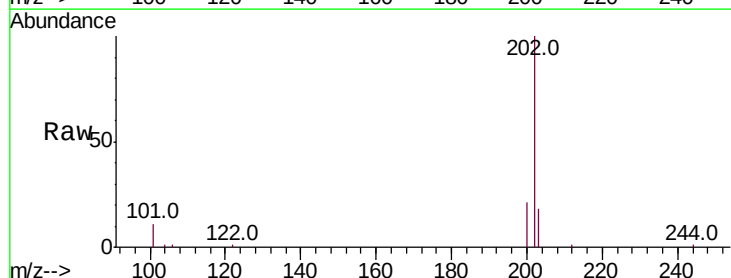
Tgt Ion:202 Resp: 12709

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.2

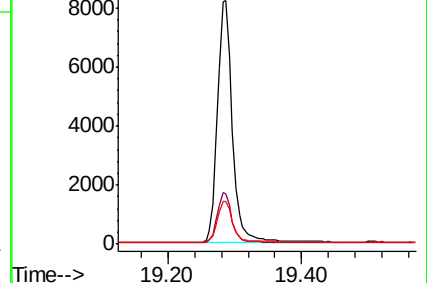
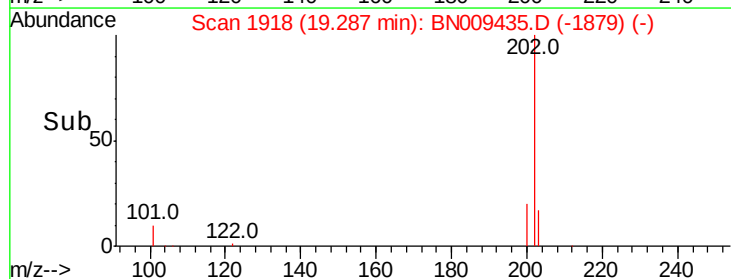
203 17.3 14.1 21.1

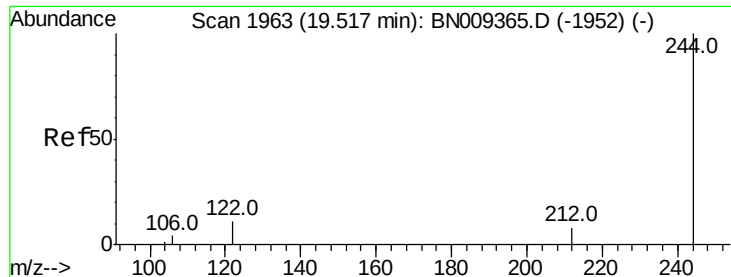


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.407 ng

RT: 19.51 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

Instrument :

BNA_N

ClientSampleId :

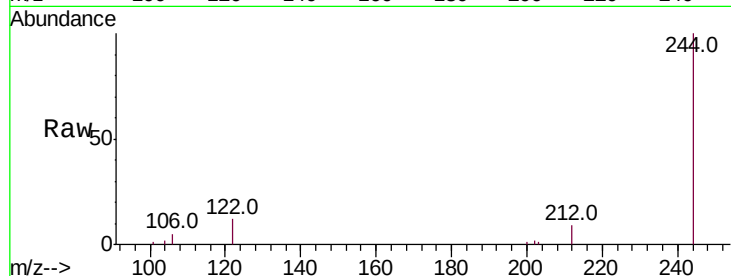
Tot Ion:244 Resp: 8276

Ion Ratio Lower Upper

244 100

212 9.3 7.5 11.3

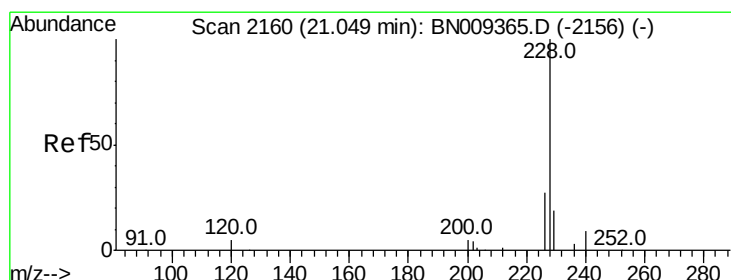
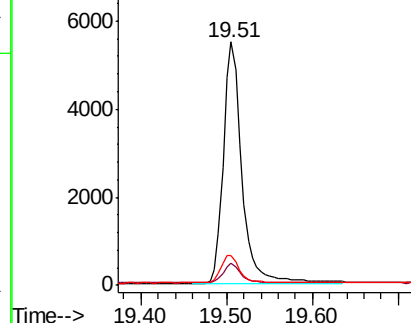
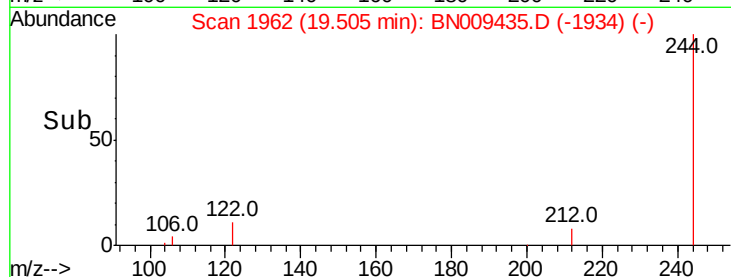
122 12.3 9.8 14.6



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: 0.383 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

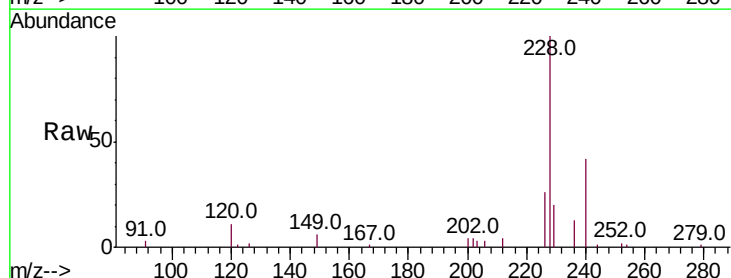
Tgt Ion:228 Resp: 10809

Ion Ratio Lower Upper

228 100

226 26.5 22.5 33.7

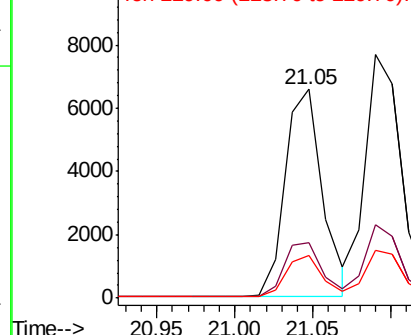
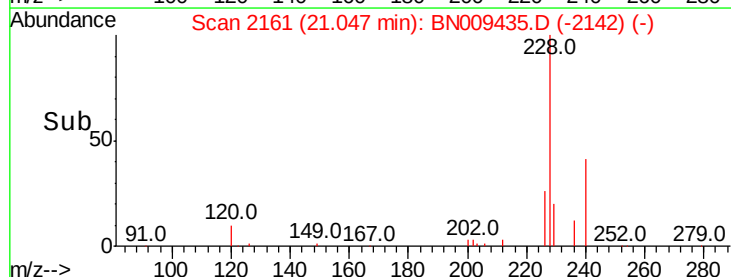
229 20.4 16.1 24.1

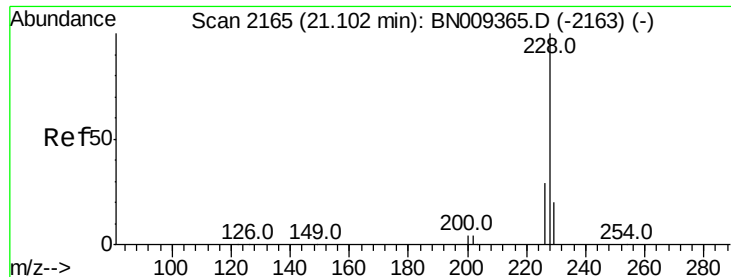


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.387 ng

RT: 21.09 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

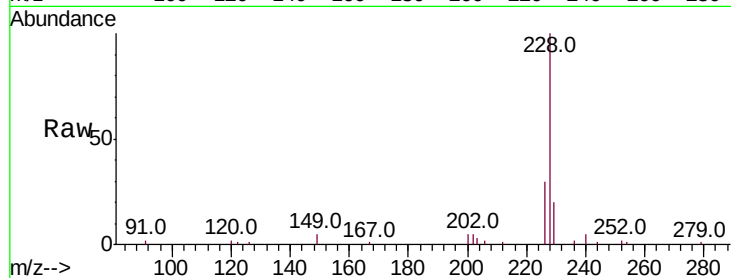
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 12514

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.8
229	19.6	16.6	24.8

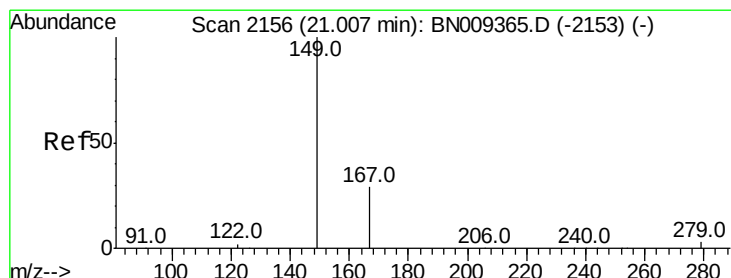
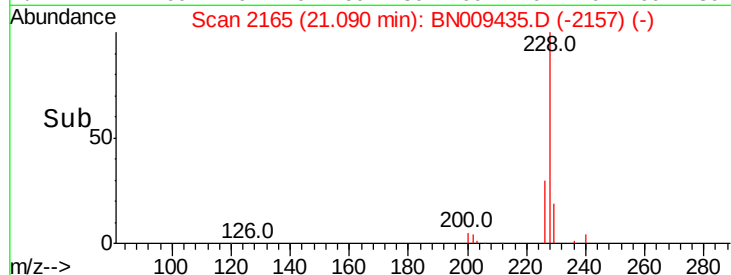
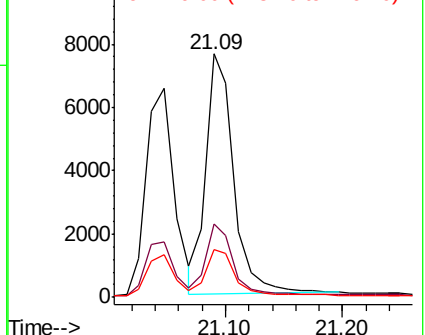


Abundance

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: 0.412 ng

RT: 20.99 min Scan# 2156

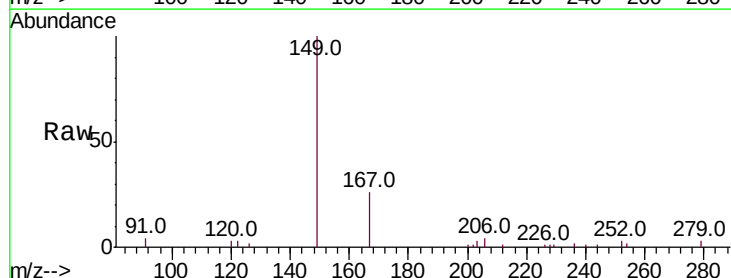
Delta R.T. -0.01 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

Tgt Ion:149 Resp: 5143

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.9	34.3
279	3.7	3.4	5.0

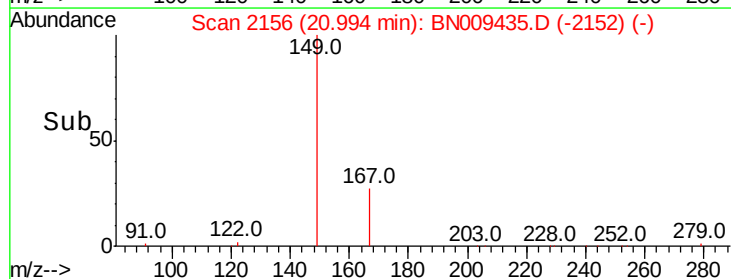
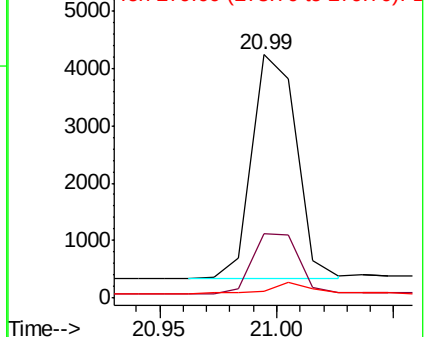


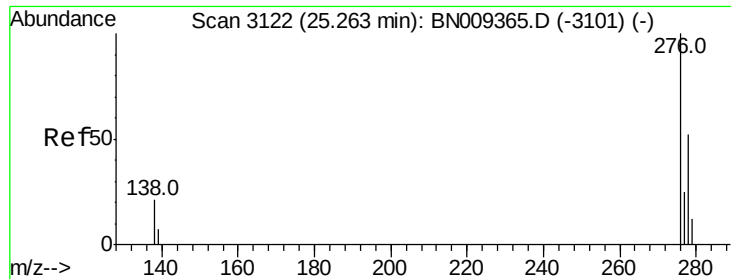
Abundance

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

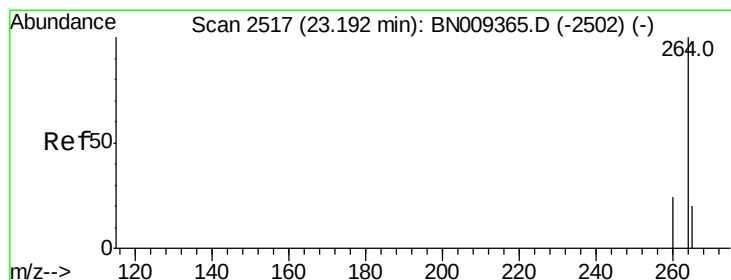
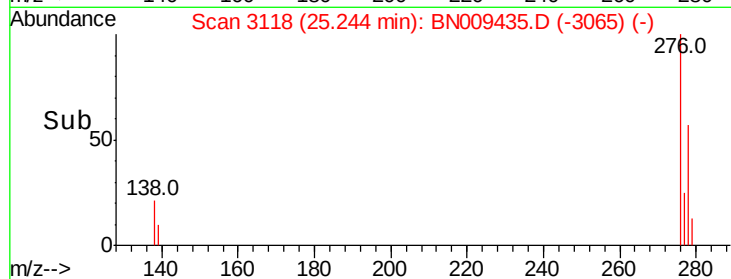
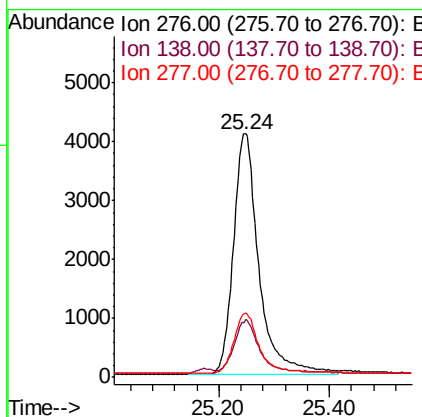
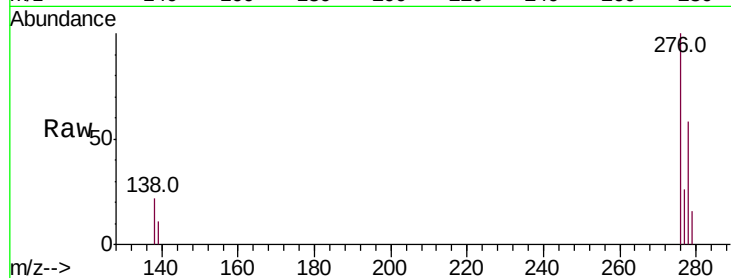




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.395 ng
 RT: 25.24 min Scan# 3118
 Delta R.T. -0.02 min
 Lab File: BN009435.D
 Acq: 24 Jan 2020 10:04

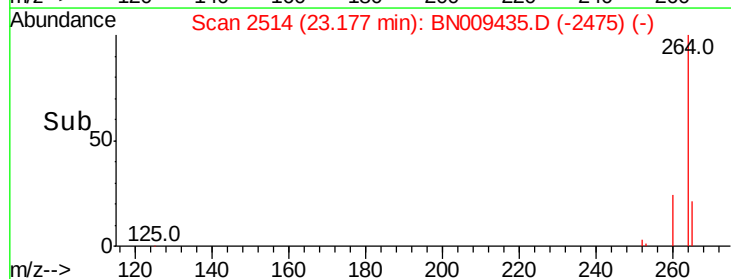
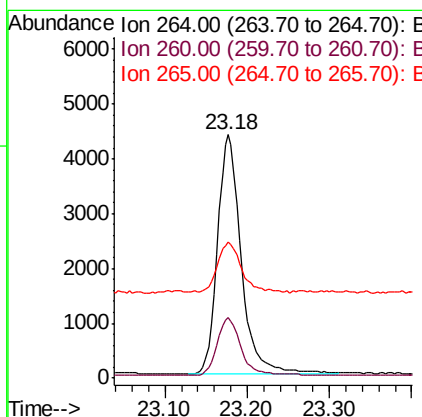
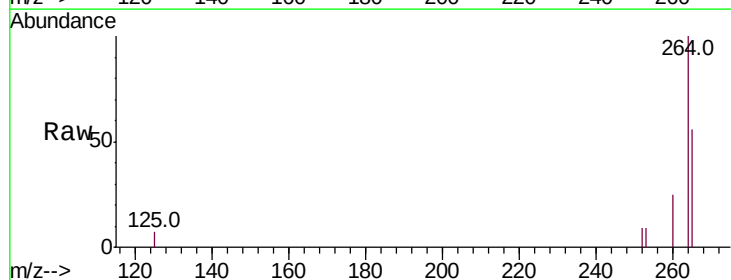
Instrument :
 BNA_N
 ClientSampleId :

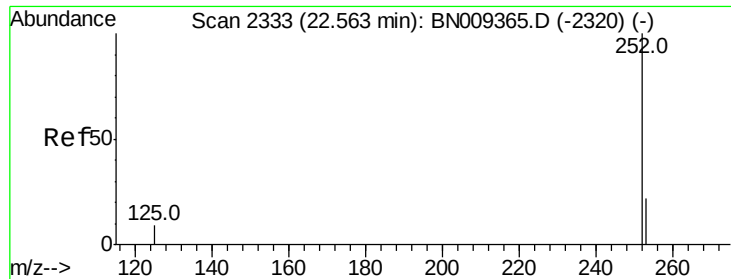
Tot Ion:276 Resp: 13277
 Ion Ratio Lower Upper
 276 100
 138 20.9 15.9 23.9
 277 24.5 19.8 29.6



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.18 min Scan# 2514
 Delta R.T. -0.02 min
 Lab File: BN009435.D
 Acq: 24 Jan 2020 10:04

Tgt Ion:264 Resp: 8780
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.1 30.1
 265 56.1 68.2 102.4#





#35

Benzo(b)fluoranthene

Concen: 0.370 ng

RT: 22.55 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

Instrument :

BNA_N

ClientSampleId :

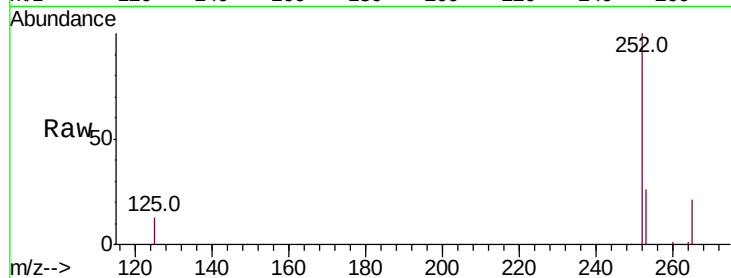
Tot Ion:252 Resp: 11936

Ion Ratio Lower Upper

252 100

253 26.0 22.4 33.6

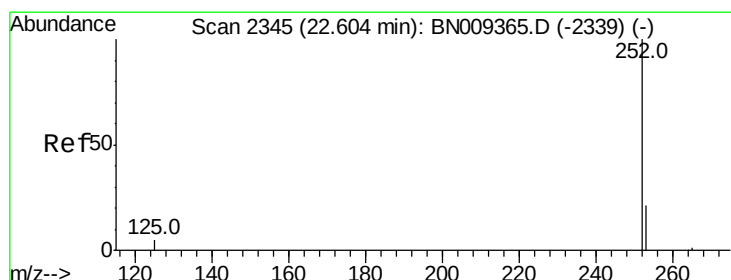
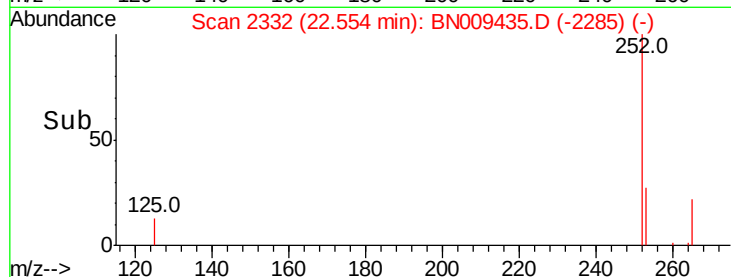
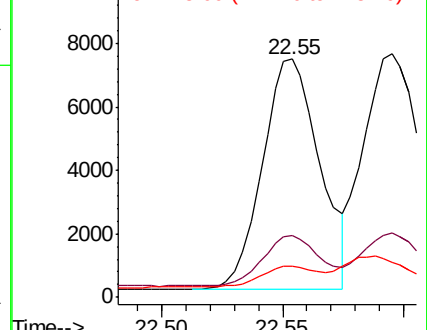
125 13.1 11.6 17.4



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: 0.369 ng

RT: 22.59 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

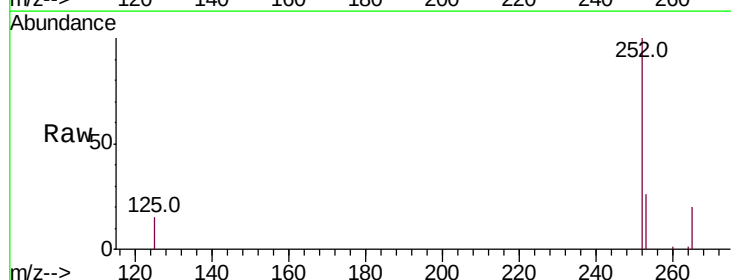
Tgt Ion:252 Resp: 13153

Ion Ratio Lower Upper

252 100

253 26.3 21.9 32.9

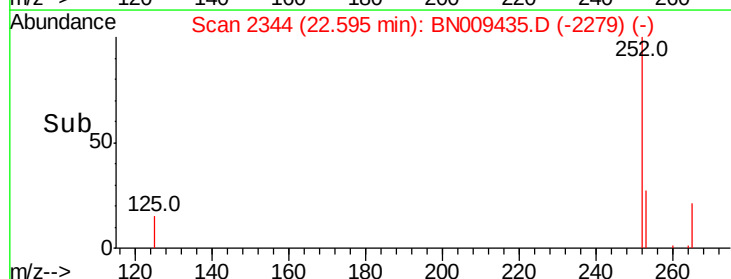
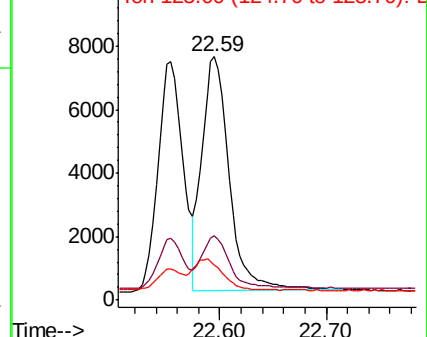
125 14.6 12.0 18.0

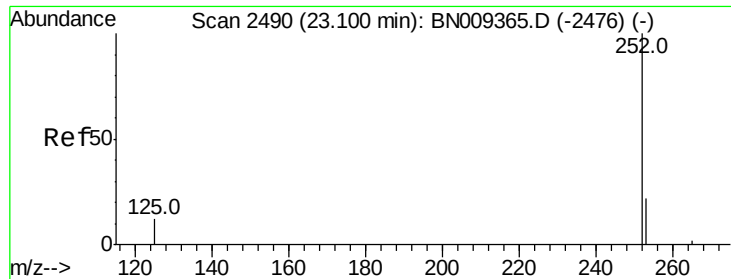


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.378 ng

RT: 23.09 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

Instrument :

BNA_N

ClientSampleId :

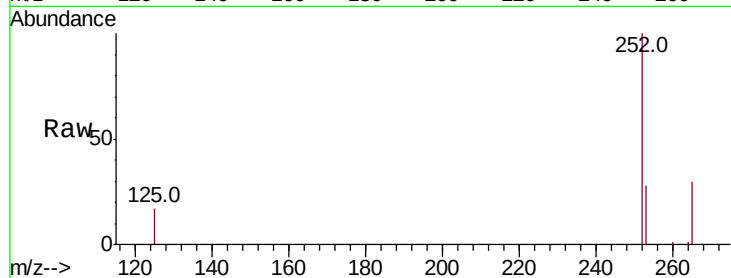
Tot Ion:252 Resp: 10758

Ion Ratio Lower Upper

252 100

253 27.9 25.4 38.0

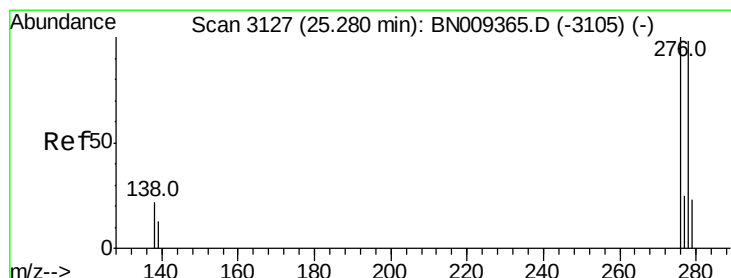
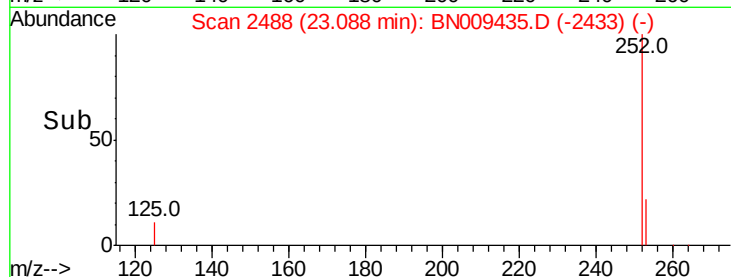
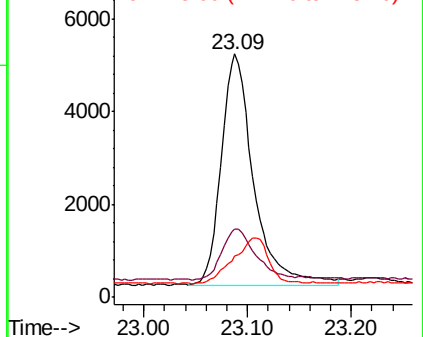
125 16.8 16.2 24.2



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: 0.364 ng

RT: 25.26 min Scan# 3122

Delta R.T. -0.02 min

Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

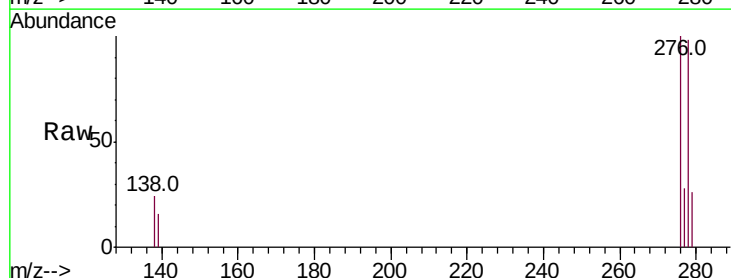
Tgt Ion:278 Resp: 10421

Ion Ratio Lower Upper

278 100

139 16.5 14.5 21.7

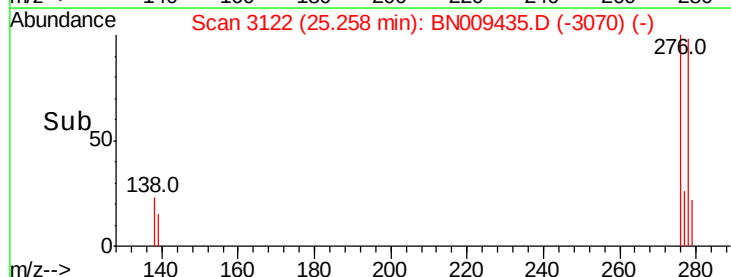
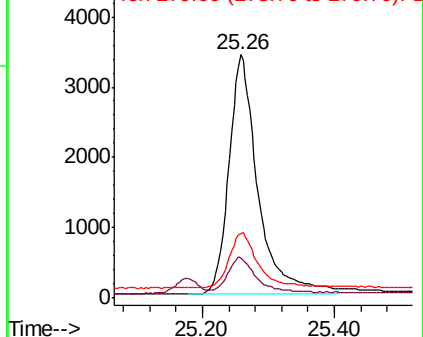
279 26.4 24.2 36.4

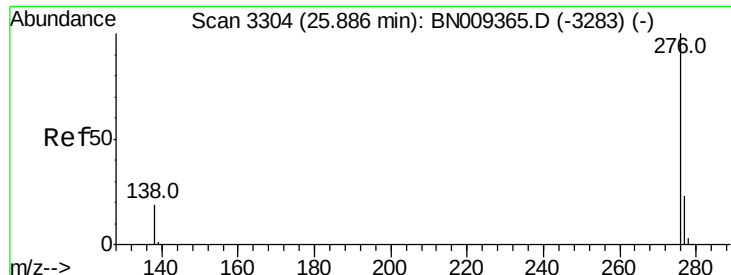


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.355 ng

RT: 25.87 min Scan# 3301

Delta R.T. -0.02 min

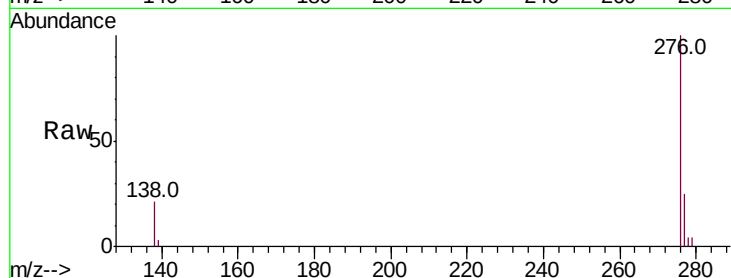
Lab File: BN009435.D

Acq: 24 Jan 2020 10:04

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 11160

Ion Ratio Lower Upper

276 100

277 24.7 20.6 30.8

138 20.9 17.1 25.7

