

Data File : BN009720.D
Acq On : 14 Feb 2020 11:50
Operator : CG/JU
Sample : PB126810BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK10

Quant Time: Feb 17 00:49:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	126252	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	514187	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	312839	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	672372	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	631999	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	652070	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	21839	7.11	ng/uL	0.00
5) Phenol-d5	6.62	99	373631	34.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	273535	36.91	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	298058	36.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	295708	34.62	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	145231	38.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	158679	38.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	270779	34.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	392478	44.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	888996	38.05	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1038088	37.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	126174	29.57	ng/ul	0.00
58) Fluorene-d10	15.06	176	773982	38.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	115135	27.57	ng/ul	0.00
71) Anthracene-d10	16.92	188	1135574	36.84	ng/ul	0.00
79) Pyrene-d10	19.22	212	1242638	37.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.01	264	1219347	37.45	ng/ul	0.00

Target Compounds

					Qvalue	
4) Benzaldehyde	6.62	77	665	0.093	ng/ul#	3
15) N-Nitroso-di-n-propylamine	8.13	70	8654	1.190	ng/ul#	1
20) Nitrobenzene	8.56	77	864	0.078	ng/ul#	32
21) Isophorone	9.27	82	16233	0.832	ng/ul#	73
45) Dimethylphthalate	13.49	163	519	0.021	ng/ul#	1
46) 2,6-Dinitrotoluene	13.49	165	6913	1.448	ng/ul#	31
59) Fluorene	15.06	166	1654	0.069	ng/ul#	4
61) 4-Nitroaniline	15.06	138	622	0.116	ng/ul#	1
65) N-Nitrosodiphenylamine	15.22	169	746	0.037	ng/ul#	36
76) Di-n-butylphthalate	17.81	149	1524	0.036	ng/ul#	79
80) Pyrene	19.22	202	1528	0.034	ng/ul#	1
81) Butylbenzylphthalate	20.19	149	220	0.012	ng/ul#	18
83) Benzo(a)anthracene	21.03	228	1876	0.043	ng/ul#	52
84) Bis(2-ethylhexyl)phthalate	20.97	149	697	0.024	ng/ul#	54
85) Chrysene	21.06	228	255	0.006	ng/ul#	50
87) Di-n-octyl phthalate	21.83	149	320	0.006	ng/ul	100
88) Benzo(b)fluoranthene	22.53	252	267	0.006	ng/ul#	1
89) Benzo(k)fluoranthene	22.55	252	516	0.013	ng/ul#	1
91) Benzo(a)pyrene	23.05	252	658	0.017	ng/ul#	1

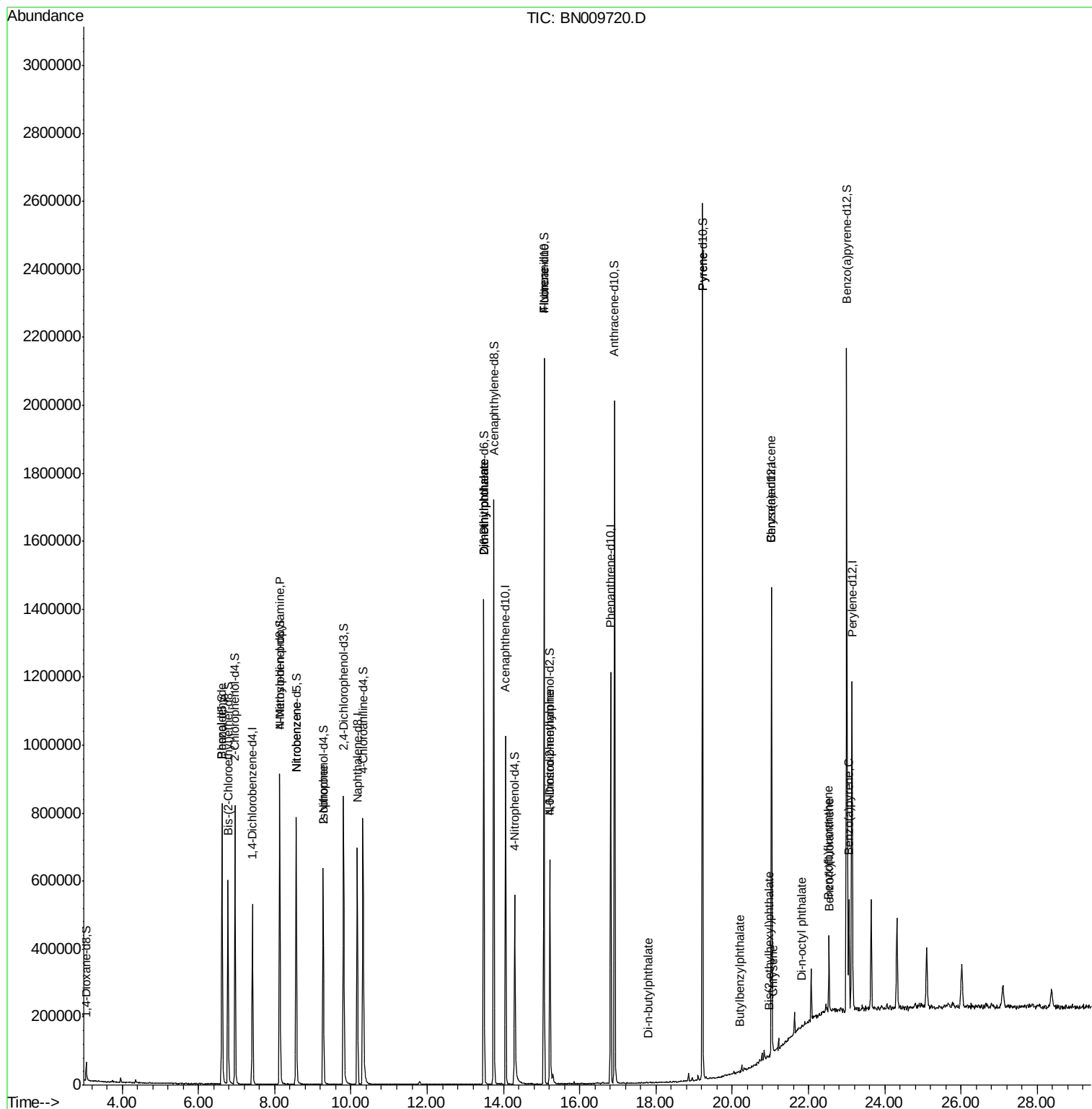
(#) = qualifier out of range (m) = manual integration (+) = signals summed

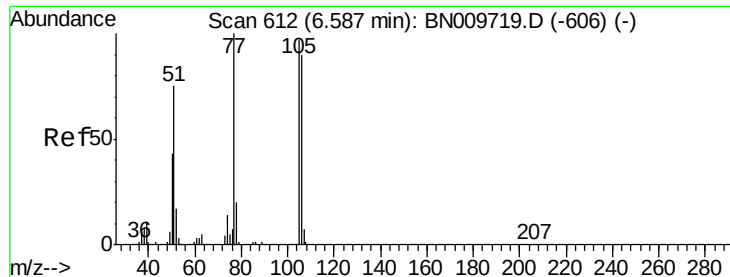
Data File : BN009720.D

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Operator     : CG/JU
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Quant Time: Feb 17 00:49:53 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 0.093 ng/ul

RT: 6.62 min Scan# 617

Delta R.T. 0.03 min

Lab File: BN009720.D

Acq: 14 Feb 2020 11:50

Instrument :

BNA_N

ClientSampleId :

SBLK10

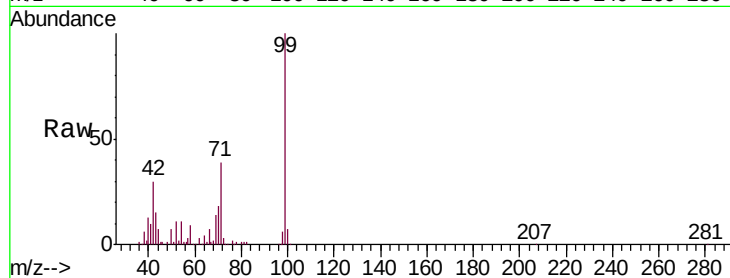
Tgt Ion: 77 Resp: 665

Ion Ratio Lower Upper

77 100

105 0.0 78.2 117.2#

106 0.0 70.9 106.3#



Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 106.00 (105.70 to 106.70): BNC

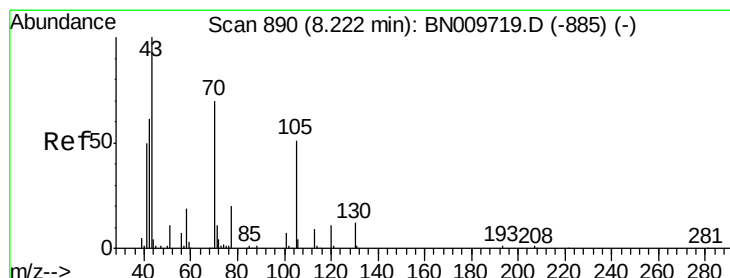
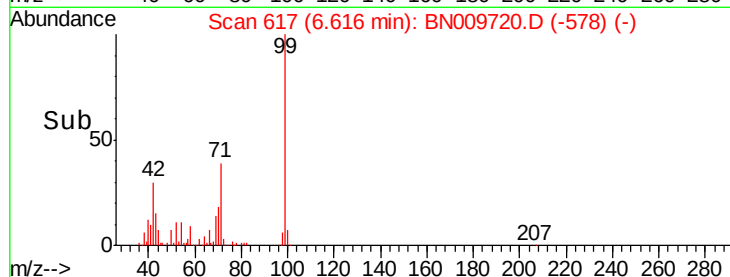
6.62

400

200

0

Time-->



#15

N-Nitroso-di-n-propylamine

Concen: 1.190 ng/ul

RT: 8.13 min Scan# 874

Delta R.T. -0.09 min

Lab File: BN009720.D

Acq: 14 Feb 2020 11:50

Tgt Ion: 70 Resp: 8654

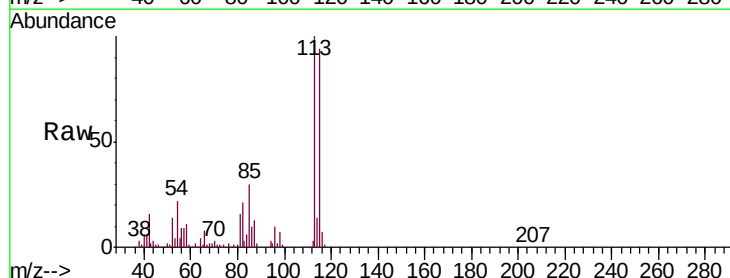
Ion Ratio Lower Upper

70 100

42 565.1 72.6 108.8#

101 0.0 7.7 11.5#

130 0.0 14.7 22.1#



Abundance Ion 70.00 (69.70 to 70.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 101.00 (100.70 to 101.70): BNC

Ion 130.00 (129.70 to 130.70): BNC

8.13

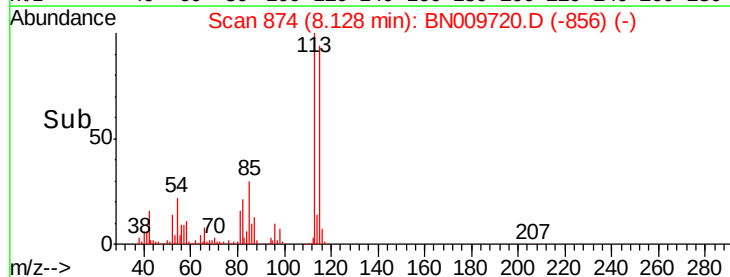
30000

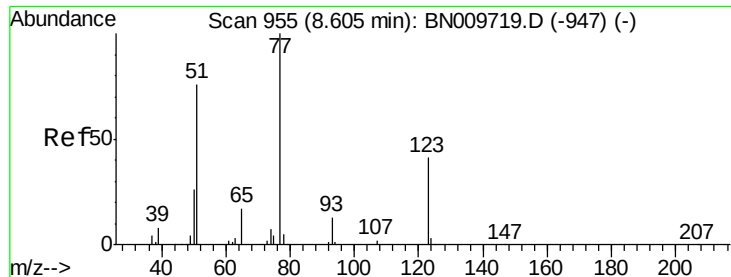
20000

10000

0

Time-->

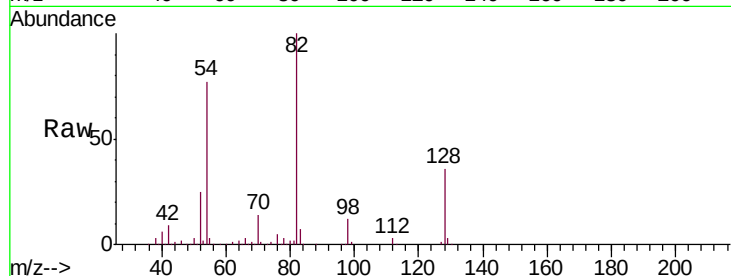




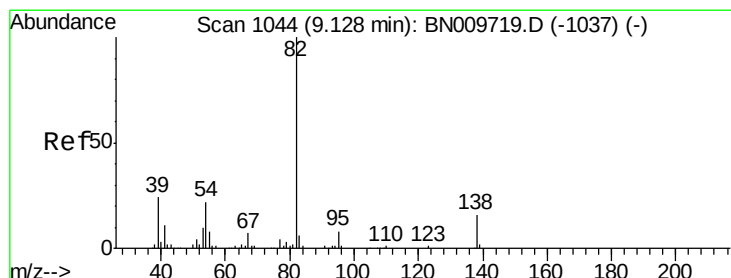
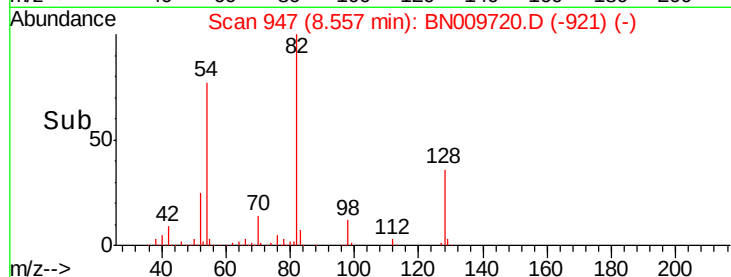
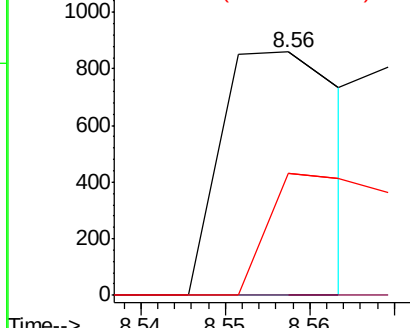
#20
Nitrobenzene
Concen: 0.078 ng/ul
RT: 8.56 min Scan# 947
Delta R.T. -0.05 min
Lab File: BN009720.D
Acq: 14 Feb 2020 11:50

Instrument :
BNA_N
ClientSampleId :
SBLK10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	30.5	45.7#
65	50.3	13.4	20.2#

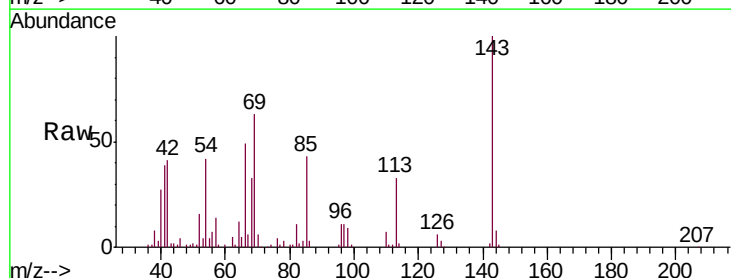


Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 123.00 (122.70 to 123.70): BNC
Ion 65.00 (64.70 to 65.70): BNC

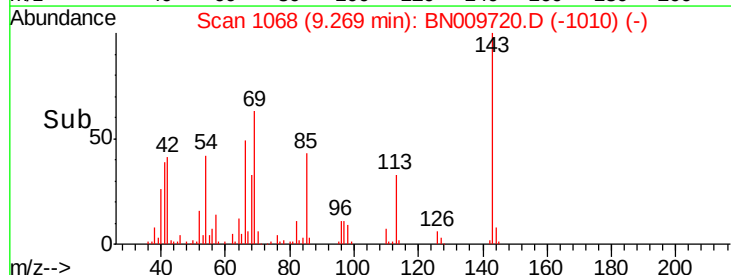
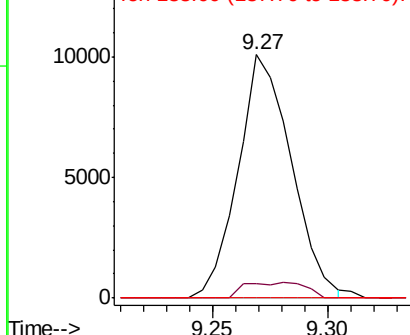


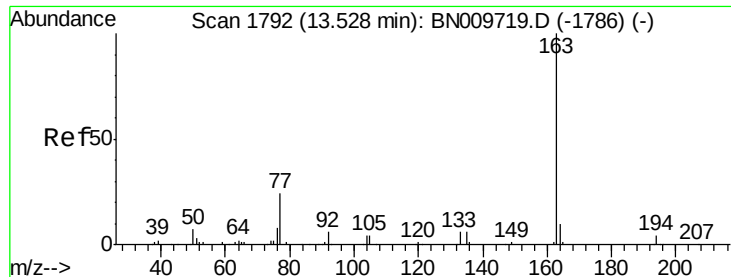
#21
Isophorone
Concen: 0.832 ng/ul
RT: 9.27 min Scan# 1068
Delta R.T. 0.14 min
Lab File: BN009720.D
Acq: 14 Feb 2020 11:50

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.1	6.0	9.0
138	0.0	12.6	19.0#



Abundance Ion 82.00 (81.70 to 82.70): BNC
Ion 95.00 (94.70 to 95.70): BNC
Ion 138.00 (137.70 to 138.70): BNC





#45

Dimethylphthalate

Concen: 0.021 ng/ul

RT: 13.49 min Scan# 1785

Delta R.T. -0.04 min

Lab File: BN009720.D

Acq: 14 Feb 2020 11:50

Instrument :

BNA_N

ClientSampleId :

SBLK10

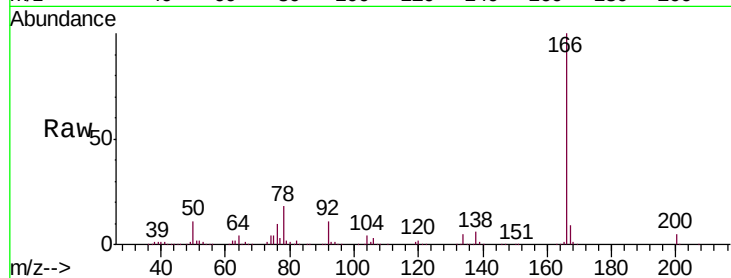
Tgt Ion:163 Resp: 519

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

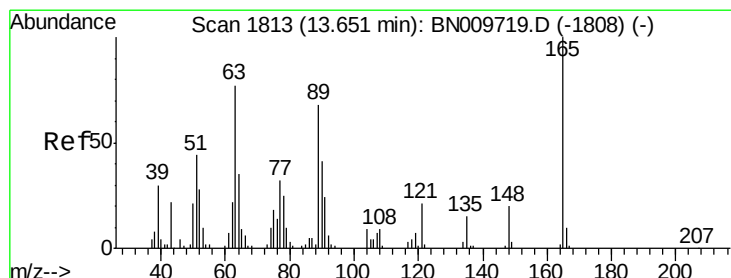
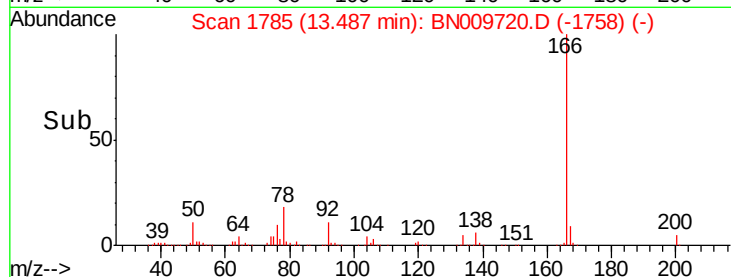
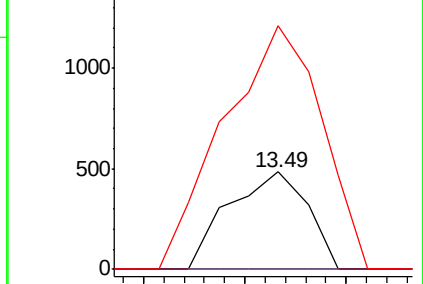
164 249.3 8.0 12.0#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#46

2,6-Dinitrotoluene

Concen: 1.448 ng/ul

RT: 13.49 min Scan# 1785

Delta R.T. -0.16 min

Lab File: BN009720.D

Acq: 14 Feb 2020 11:50

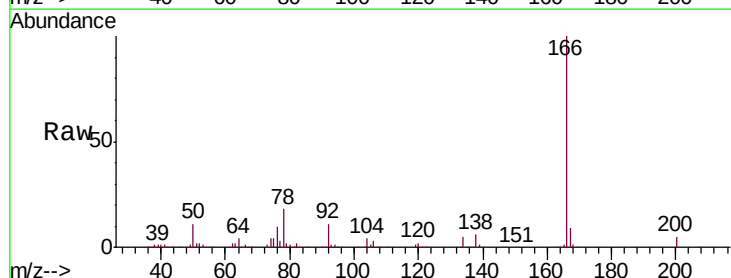
Tgt Ion:165 Resp: 6913

Ion Ratio Lower Upper

165 100

89 0.0 54.1 81.1#

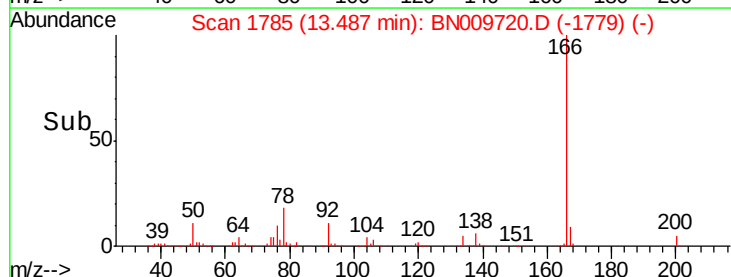
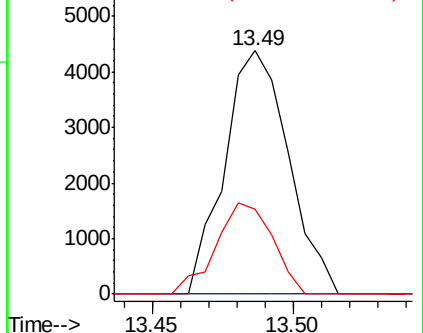
121 35.0 18.1 27.1#

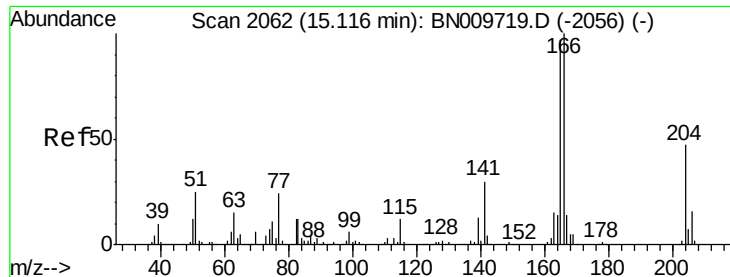


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#59

Fluorene

Concen: 0.069 ng/ul

RT: 15.06 min Scan# 2052

Delta R.T. -0.06 min

Lab File: BN009720.D

Acq: 14 Feb 2020 11:50

Instrument :

BNA_N

ClientSampleId :

SBLK10

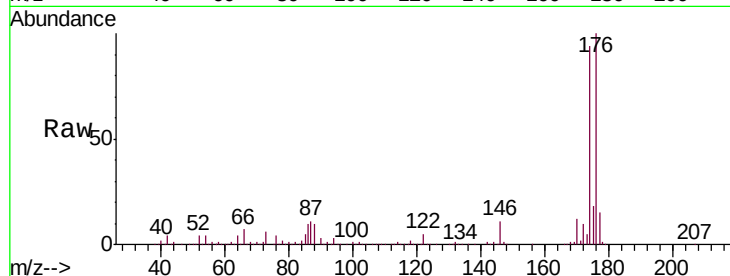
Tgt Ion:166 Resp: 1654

Ion Ratio Lower Upper

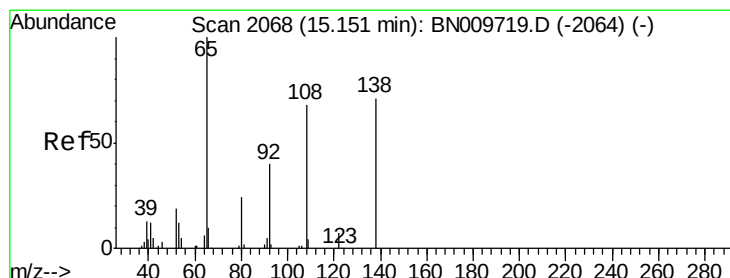
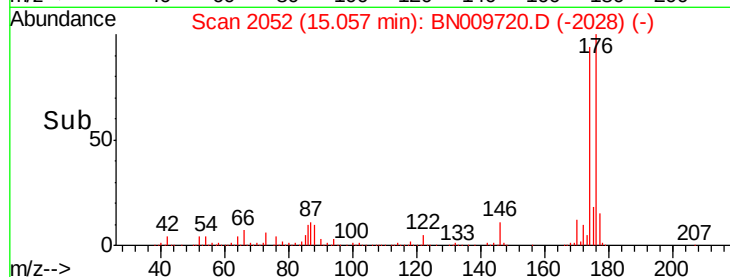
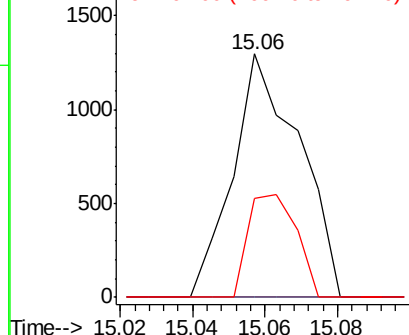
166 100

165 0.0 79.8 119.8#

167 40.8 10.7 16.1#



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



#61

4-Nitroaniline

Concen: 0.116 ng/ul

RT: 15.06 min Scan# 2053

Delta R.T. -0.09 min

Lab File: BN009720.D

Acq: 14 Feb 2020 11:50

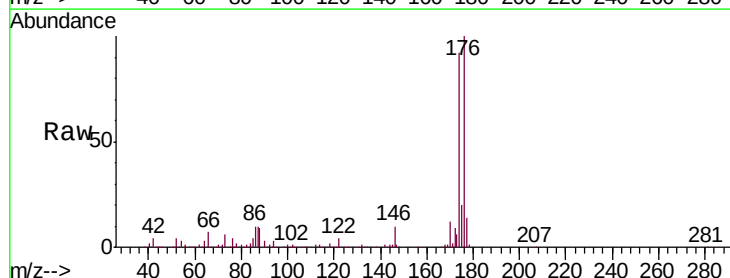
Tgt Ion:138 Resp: 622

Ion Ratio Lower Upper

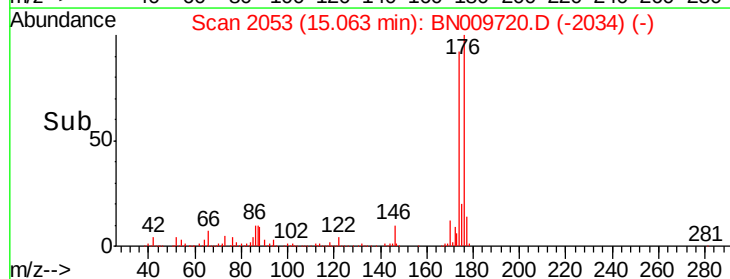
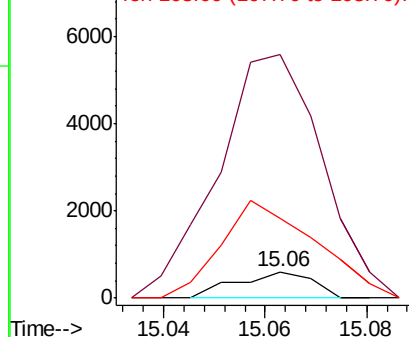
138 100

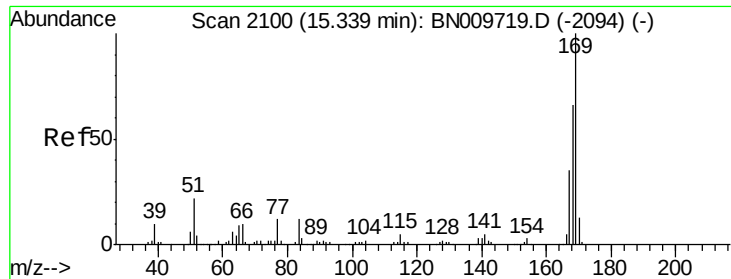
92 916.4 47.8 71.6#

108 300.5 72.3 108.5#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BNC
Ion 108.00 (107.70 to 108.70): E



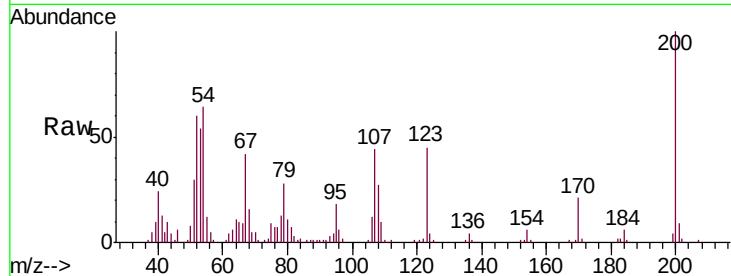


#65

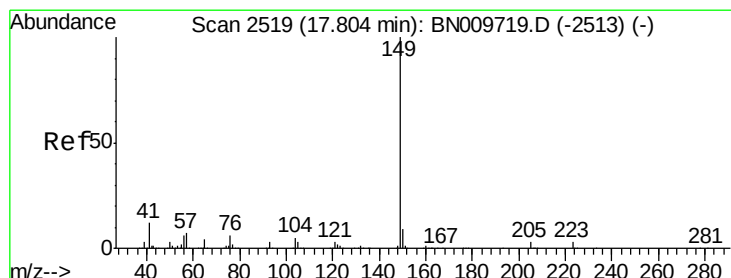
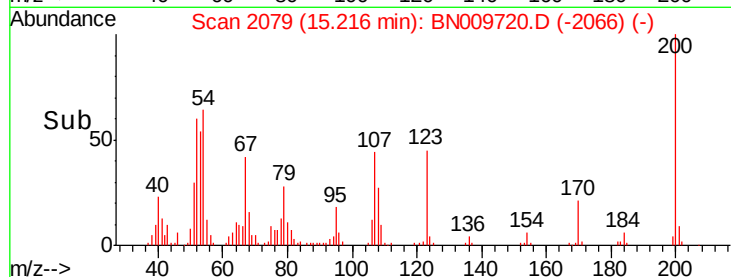
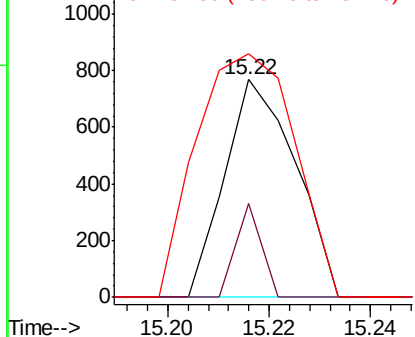
N-Nitrosodiphenylamine
 Concen: 0.037 ng/ul
 RT: 15.22 min Scan# 2079
 Delta R.T. -0.12 min
 Lab File: BN009720.D
 Acq: 14 Feb 2020 11:50

Instrument :
 BNA_N
 ClientSampleId :
 SBLK10

Tgt Ion:169 Resp: 746
 Ion Ratio Lower Upper
 169 100
 168 43.3 51.8 77.6#
 167 111.7 27.7 41.5#



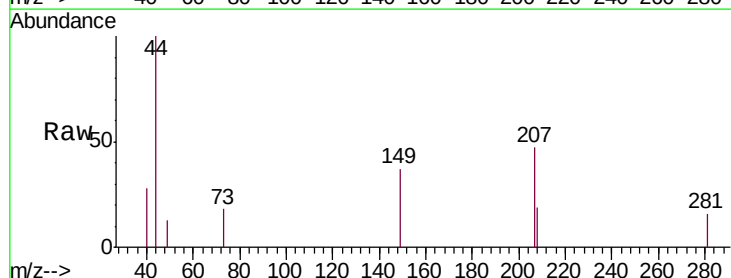
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



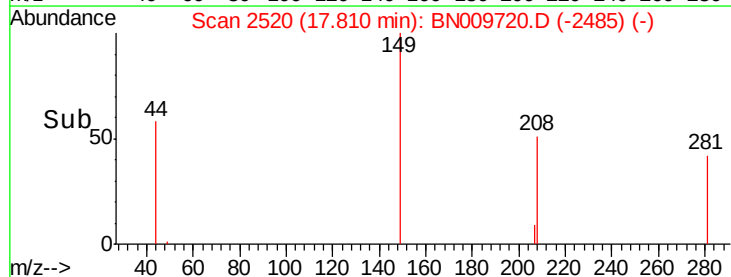
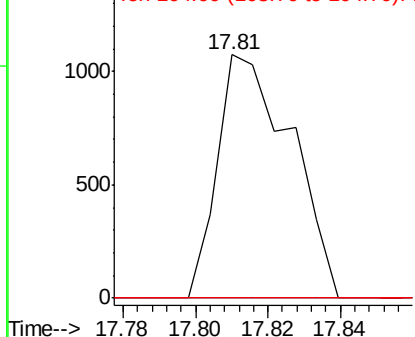
#76

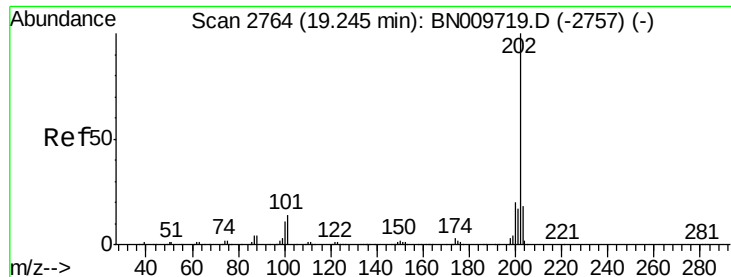
Di-n-butylphthalate
 Concen: 0.036 ng/ul
 RT: 17.81 min Scan# 2520
 Delta R.T. 0.01 min
 Lab File: BN009720.D
 Acq: 14 Feb 2020 11:50

Tgt Ion:149 Resp: 1524
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.0 10.6#
 104 0.0 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#80

Pyrene

Concen: 0.034 ng/ul

RT: 19.22 min Scan# 2760

Delta R.T. -0.02 min

Lab File: BN009720.D

Acq: 14 Feb 2020 11:50

Instrument :

BNA_N

ClientSampleId :

SBLK10

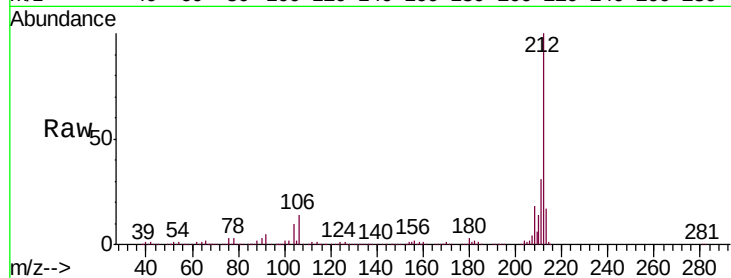
Tgt Ion:202 Resp: 1528

Ion Ratio Lower Upper

202 100

101 189.9 11.3 16.9#

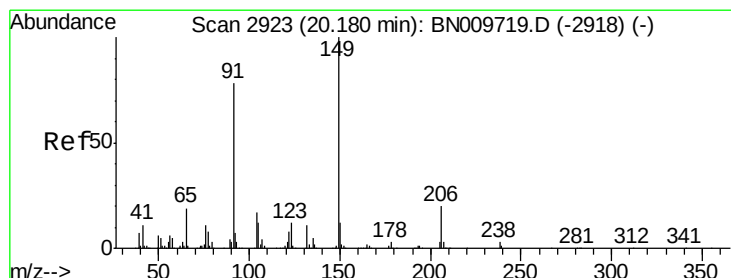
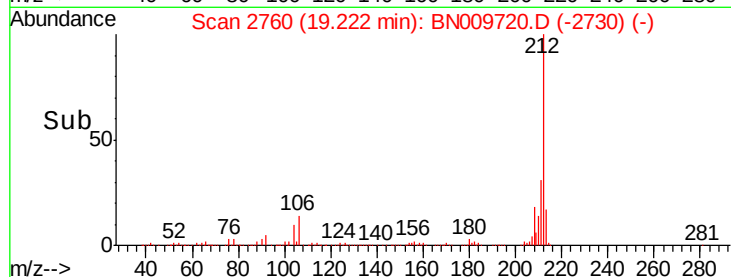
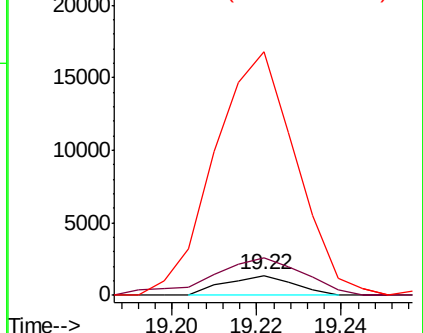
100 1243.3 9.0 13.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#81

Butylbenzylphthalate

Concen: 0.012 ng/ul

RT: 20.19 min Scan# 2924

Delta R.T. 0.01 min

Lab File: BN009720.D

Acq: 14 Feb 2020 11:50

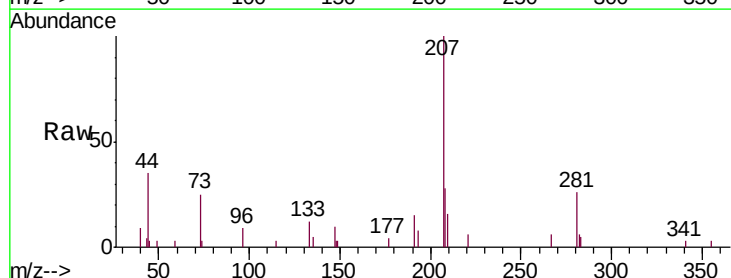
Tgt Ion:149 Resp: 220

Ion Ratio Lower Upper

149 100

91 0.0 65.5 98.3#

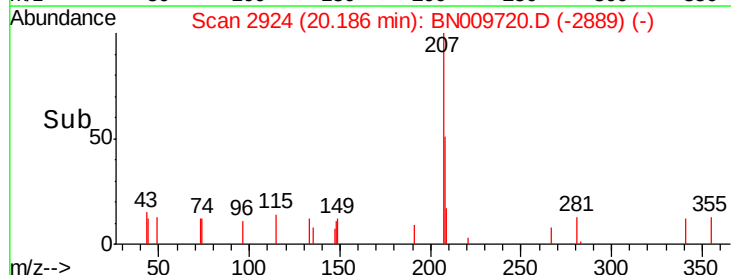
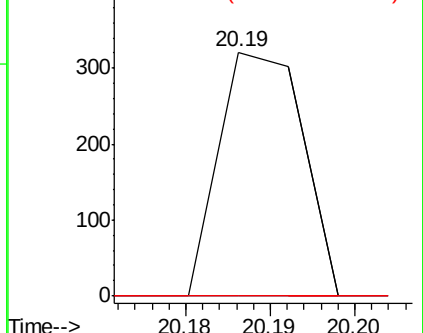
206 0.0 15.9 23.9#

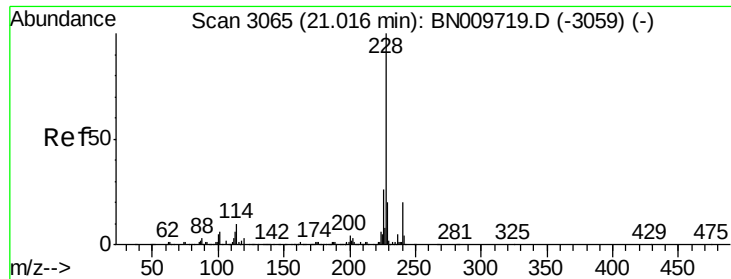


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#83

Benzo(a)anthracene

Concen: 0.043 ng/ul

RT: 21.03 min Scan# 3067

Delta R.T. 0.01 min

Lab File: BN009720.D

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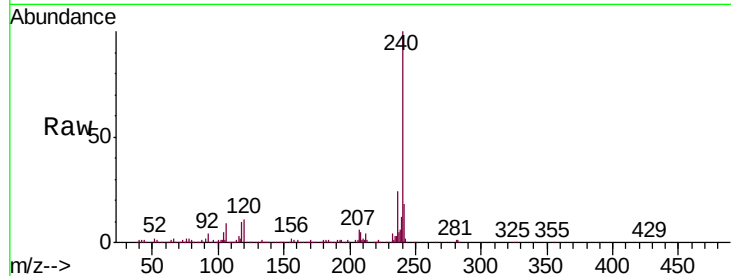
Tgt Ion:228 Resp: 1876

Ion Ratio Lower Upper

228 100

229 0.0 15.0 22.4#

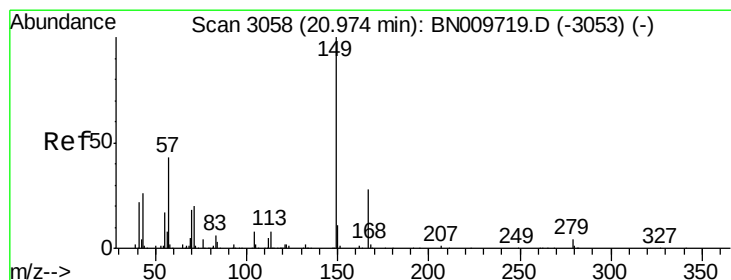
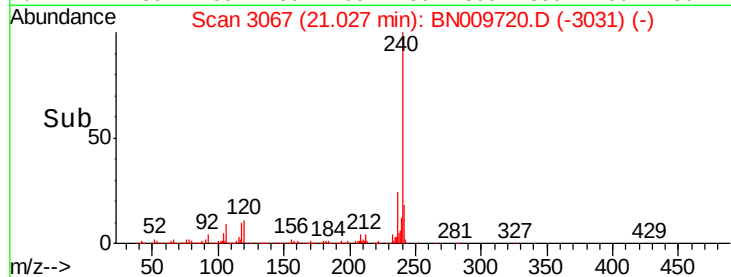
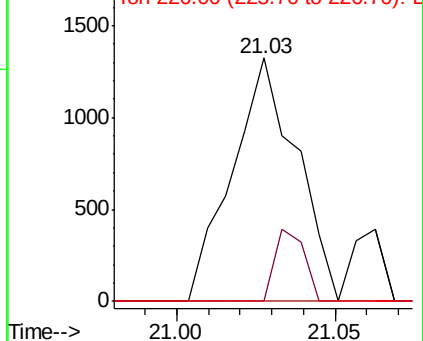
226 0.0 21.4 32.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.024 ng/ul

RT: 20.97 min Scan# 3058

Delta R.T. -0.00 min

Lab File: BN009720.D

Acq: 14 Feb 2020 11:50

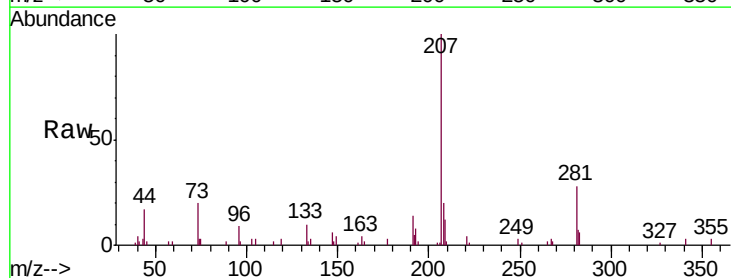
Tgt Ion:149 Resp: 697

Ion Ratio Lower Upper

149 100

167 0.0 21.0 31.6#

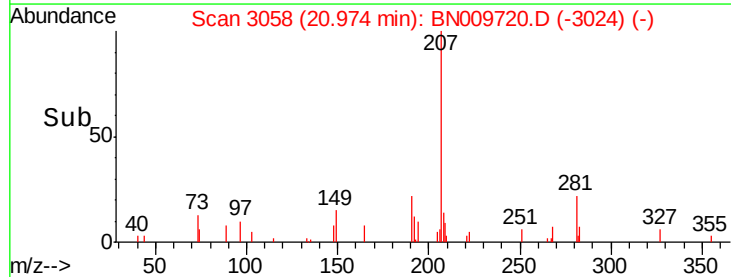
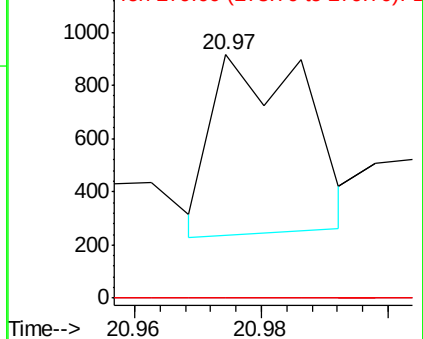
279 0.0 3.0 4.6#

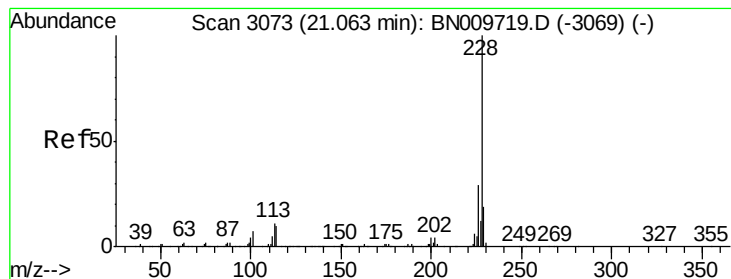


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 0.006 ng/ul

RT: 21.06 min Scan# 3073

Delta R.T. -0.00 min

Lab File: BN009720.D

Acq: 14 Feb 2020 11:50

Instrument :

BNA_N

ClientSampleId :

SBLK10

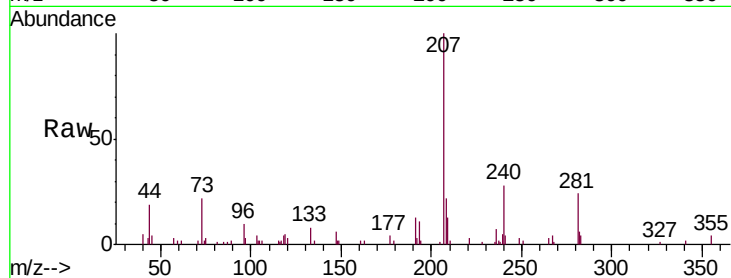
Tgt Ion:228 Resp: 255

Ion Ratio Lower Upper

228 100

226 0.0 23.4 35.2#

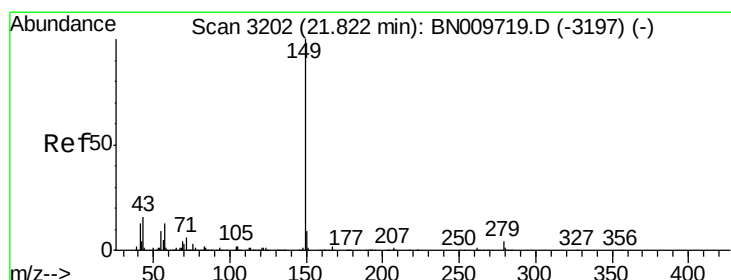
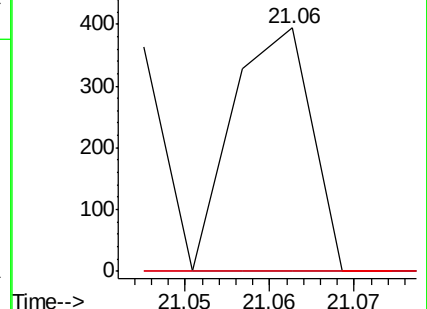
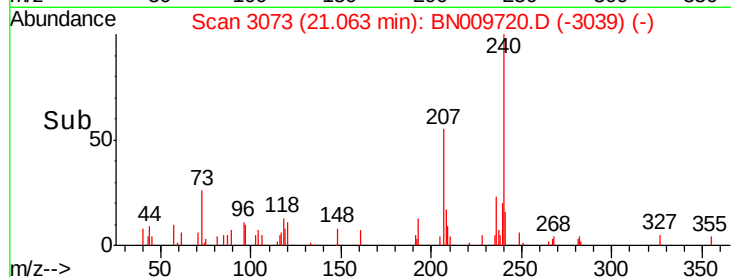
229 0.0 15.0 22.4#



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



#87

Di-n-octyl phthalate

Concen: 0.006 ng/ul

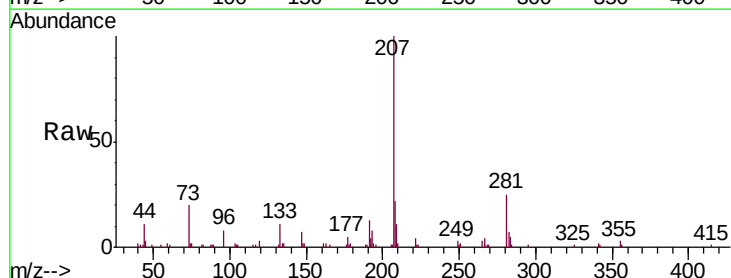
RT: 21.83 min Scan# 3203

Delta R.T. 0.01 min

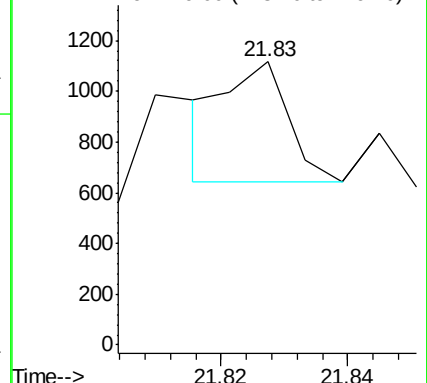
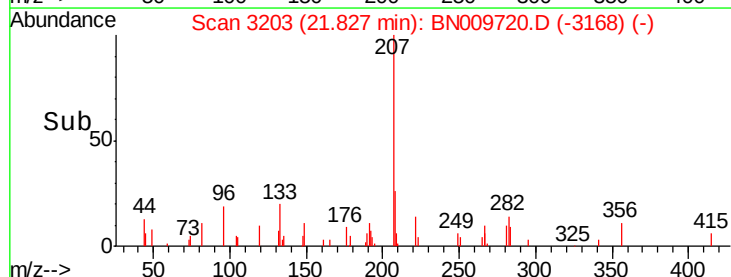
Lab File: BN009720.D

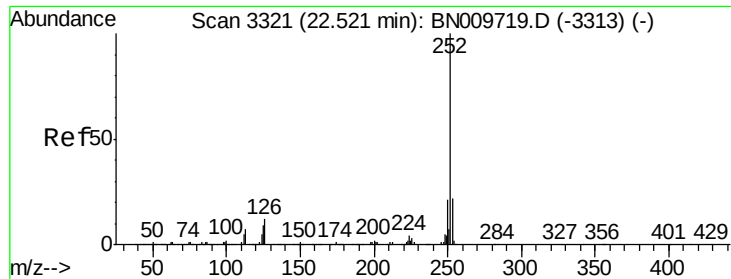
Acq: 14 Feb 2020 11:50

Tgt Ion:149 Resp: 320



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 0.006 ng/ul

RT: 22.53 min Scan# 3322

Delta R.T. 0.01 min

Lab File: BN009720.D

Acq: 14 Feb 2020 11:50

Instrument :

BNA_N

ClientSampleId :

SBLK10

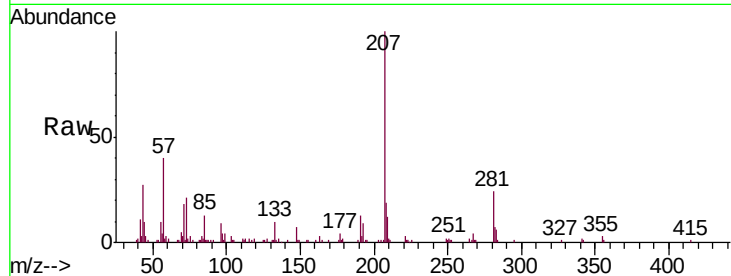
Tgt Ion:252 Resp: 267

Ion Ratio Lower Upper

252 100

253 112.8 17.0 25.4#

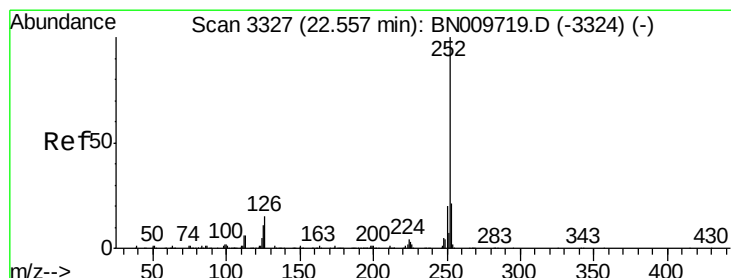
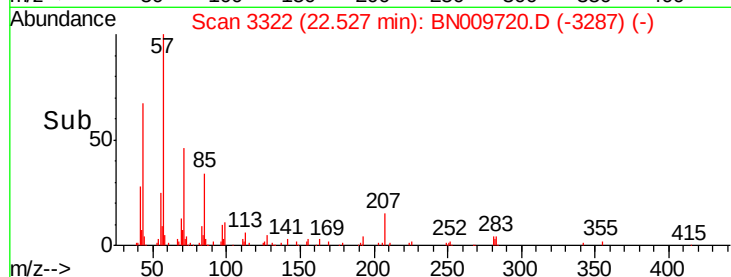
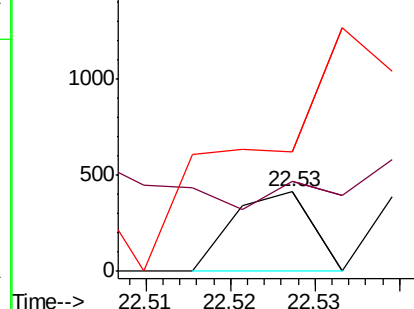
125 150.4 8.0 12.0#



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



#89

Benzo(k)fluoranthene

Concen: 0.013 ng/ul

RT: 22.55 min Scan# 3326

Delta R.T. -0.01 min

Lab File: BN009720.D

Acq: 14 Feb 2020 11:50

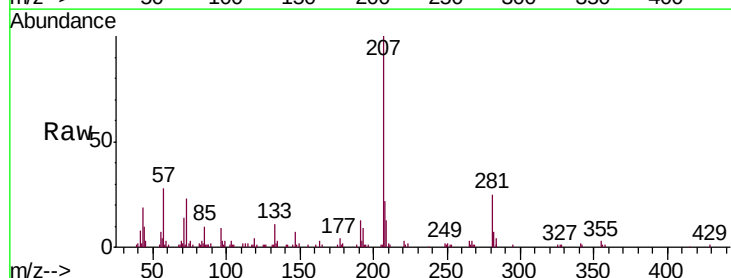
Tgt Ion:252 Resp: 516

Ion Ratio Lower Upper

252 100

253 119.1 18.0 27.0#

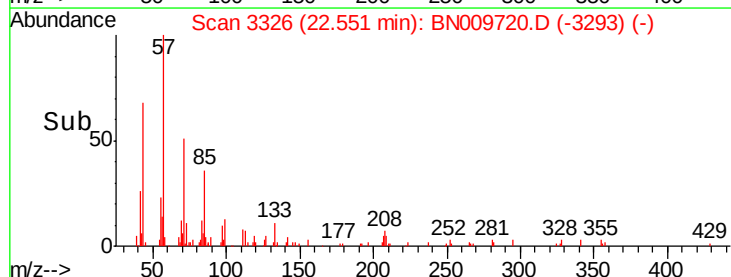
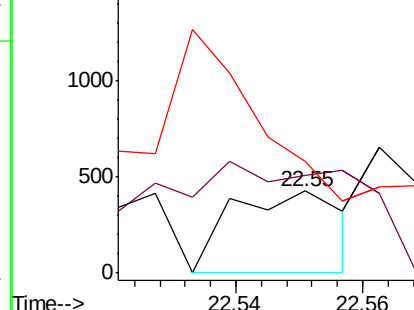
125 136.2 8.2 12.2#

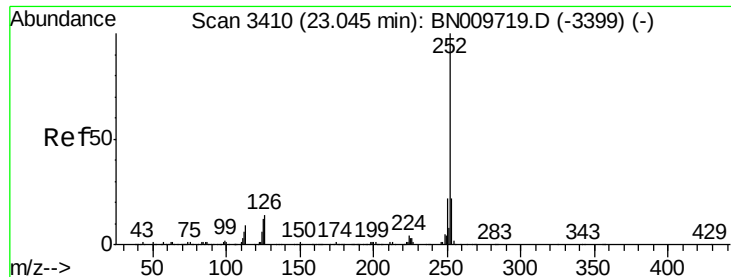


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 0.017 ng/ul

RT: 23.05 min Scan# 3411

Delta R.T. 0.01 min

Lab File: BN009720.D

Acq: 14 Feb 2020 11:50

Instrument :

BNA_N

ClientSampleId :

SBLK10

Tgt Ion:252 Resp: 658

Ion Ratio Lower Upper

252 100

253 112.1 17.4 26.0#

125 246.1 9.0 13.6#

