

Data File : BN003222.D
Acq On : 20 Oct 2018 00:17
Operator : MJ/SJ
Sample : J5567-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AH8

Quant Time: Oct 20 05:09:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 20 05:04:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	97485	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	467977	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	284935	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	647689	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	701456	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	650421	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	11679	6.18	ng/uL	0.00
5) Phenol-d5	6.80	99	311929	33.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	186882	34.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	255792	35.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	262378	34.91	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	128712	35.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	153727	36.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	268852	35.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	352501	57.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	816849	33.64	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	1059631	35.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	124989	37.36	ng/ul	0.00
57) Fluorene-d10	15.24	176	748644	35.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	133615	30.71	ng/ul	0.00
70) Anthracene-d10	17.10	188	1151989	35.93	ng/ul	0.00
78) Pyrene-d10	19.41	212	1243767	36.59	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	1259156	35.81	ng/ul	0.00

Target Compounds

					Qvalue	
4) Benzaldehyde	6.81	77	406	0.254	ng/ul#	1
6) Phenol	6.83	94	101010	10.873	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.33	70	5646	0.973	ng/ul#	1
20) Nitrobenzene	8.76	77	325	0.040	ng/ul#	38
21) Isophorone	9.47	82	10222	0.620	ng/ul#	69
44) Dimethylphthalate	13.71	163	171074	7.208	ng/ul	99
45) 2,6-Dinitrotoluene	13.71	165	1707	0.359	ng/ul#	38
56) Diethylphthalate	15.09	149	1048	0.044	ng/ul#	59
58) Fluorene	15.24	166	1583	0.068	ng/ul#	8
64) N-Nitrosodiphenylamine	15.41	169	714	0.036	ng/ul#	1
69) Phenanthrene	17.05	178	865	0.024	ng/ul#	61
71) Anthracene	17.14	178	509	0.014	ng/ul#	61
75) Di-n-butylphthalate	17.97	149	2311	0.057	ng/ul#	79
76) Fluoranthene	19.08	202	5291	0.124	ng/ul#	1
79) Pyrene	19.44	202	2841	0.067	ng/ul#	58
80) Butylbenzylphthalate	20.33	149	712	0.039	ng/ul#	1
82) Benzo(a)anthracene	21.20	228	4850	0.111	ng/ul#	89
83) Bis(2-ethylhexyl)phthalate	21.13	149	12838	0.470	ng/ul#	99
84) Chrysene	21.20	228	4850	0.118	ng/ul#	87
86) Di-n-octyl phthalate	22.00	149	80	0.002	ng/ul#	1
87) Benzo(b)fluoranthene	22.78	252	11456	0.291	ng/ul#	74
88) Benzo(k)fluoranthene	22.82	252	3353	0.090	ng/ul#	60
90) Benzo(a)pyrene	23.33	252	3366	0.089	ng/ul#	37

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
Quantitation Report (Not Reviewed)

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Response via : Initial Calibration

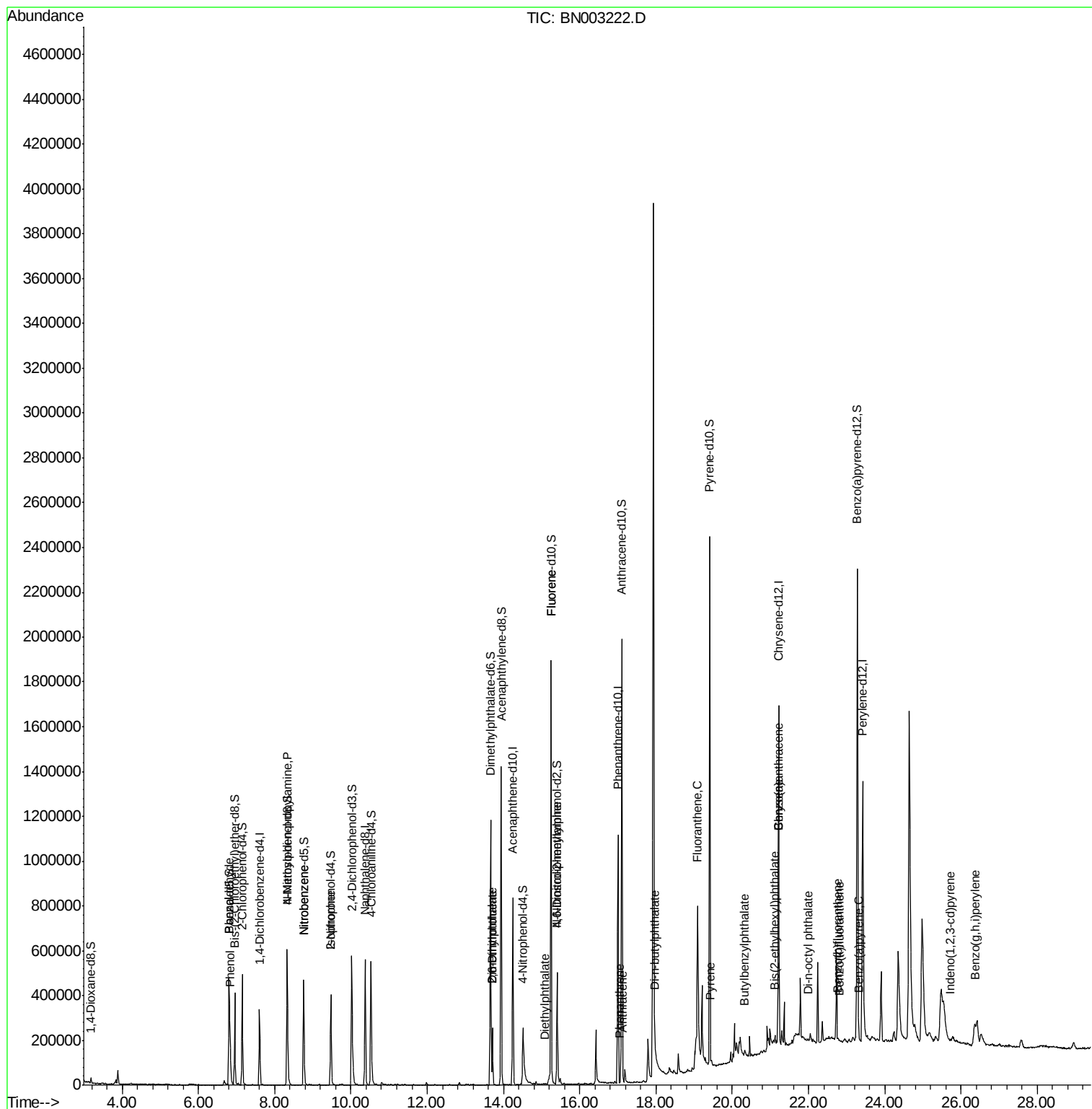
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Indeno(1,2,3-cd)pyrene	25.72	276	416	0.009	ng/ul#	18
93) Benzo(g,h,i)perylene	26.38	276	699	0.018	ng/ul#	6

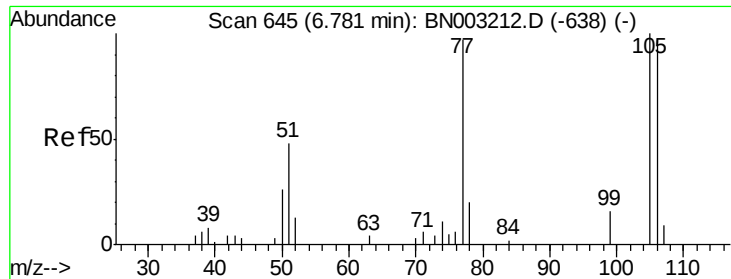
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 0.254 ng/ul

RT: 6.81 min Scan# 650

Delta R.T. 0.03 min

Lab File: BN003222.D

Acq: 20 Oct 2018 00:17

Instrument :

BNA_N

ClientSampleId :

C0AH8

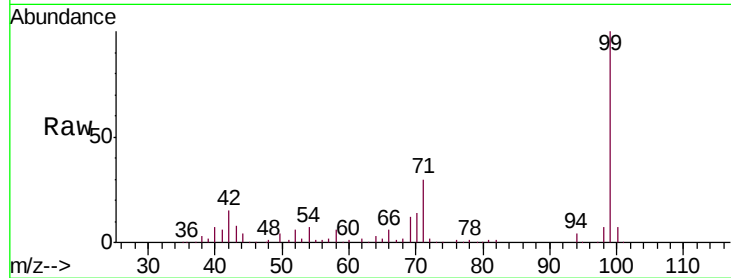
Tgt Ion: 77 Resp: 406

Ion Ratio Lower Upper

77 100

105 0.0 73.8 110.8#

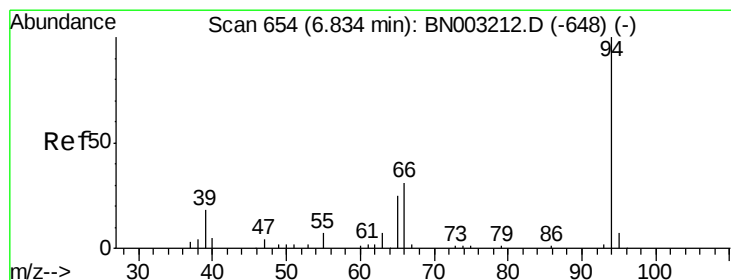
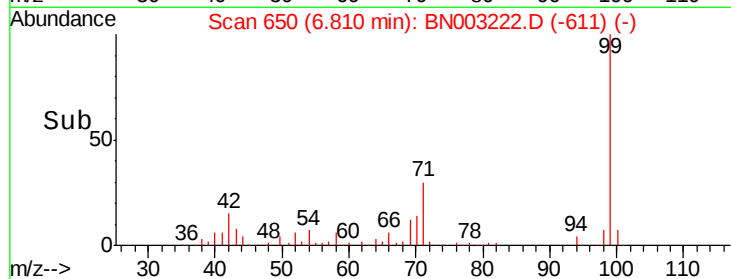
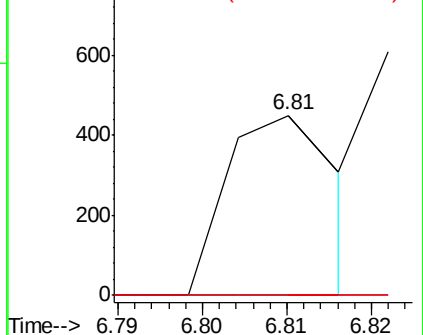
106 0.0 84.2 126.2#



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

Phenol

Concen: 10.873 ng/ul

RT: 6.83 min Scan# 654

Delta R.T. -0.00 min

Lab File: BN003222.D

Acq: 20 Oct 2018 00:17

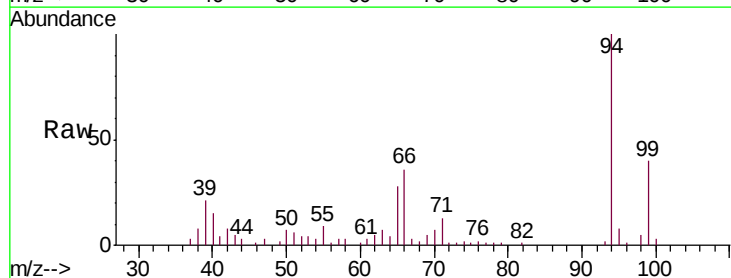
Tgt Ion: 94 Resp: 101010

Ion Ratio Lower Upper

94 100

65 28.3 21.2 31.8

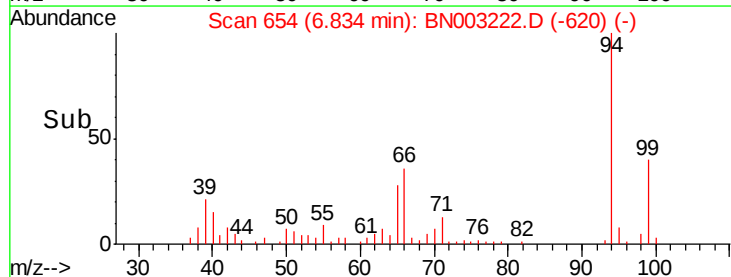
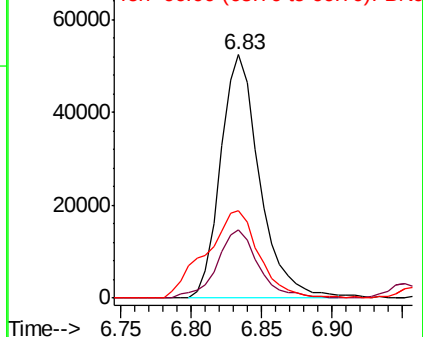
66 36.1 27.4 41.2

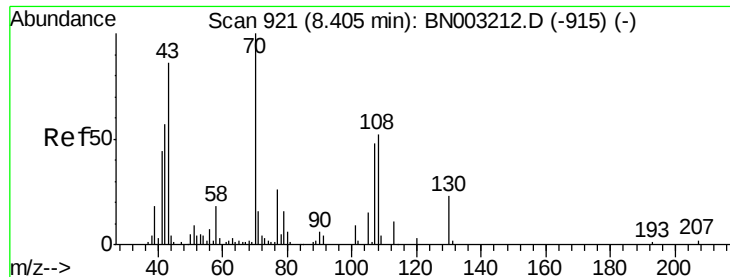


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC





#15

N-Nitroso-di-n-propylamine

Concen: 0.973 ng/ul

RT: 8.33 min Scan# 908

Delta R.T. -0.08 min

Lab File: BN003222.D

Acq: 20 Oct 2018 00:17

Instrument :

BNA_N

ClientSampleId :

C0AH8

Tgt Ion: 70 Resp: 5646

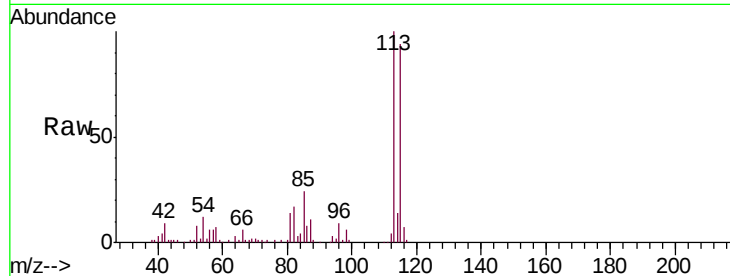
Ion Ratio Lower Upper

70 100

42 365.0 44.5 66.7#

101 0.0 7.9 11.9#

130 0.0 18.7 28.1#

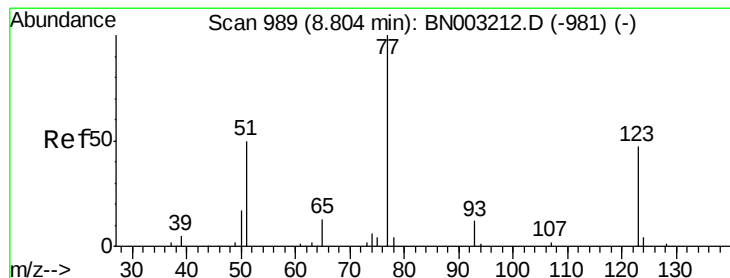
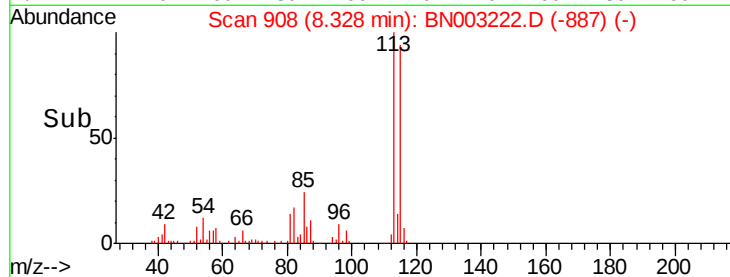
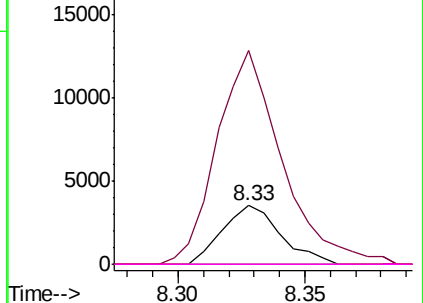


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

Nitrobenzene

Concen: 0.040 ng/ul

RT: 8.76 min Scan# 982

Delta R.T. -0.04 min

Lab File: BN003222.D

Acq: 20 Oct 2018 00:17

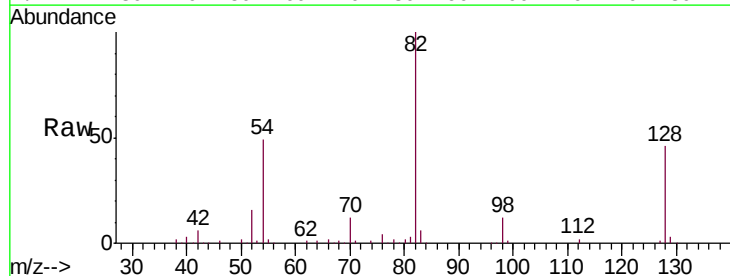
Tgt Ion: 77 Resp: 325

Ion Ratio Lower Upper

77 100

123 0.0 36.9 55.3#

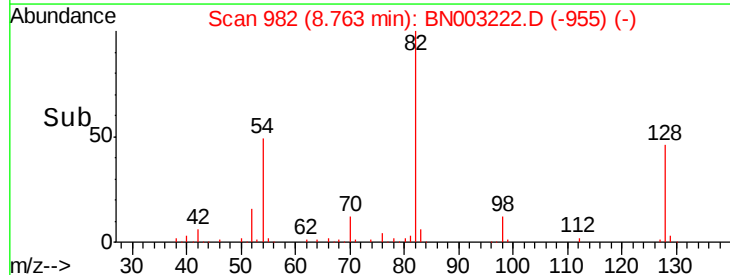
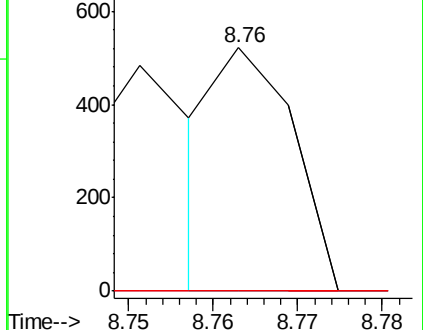
65 0.0 10.2 15.4#

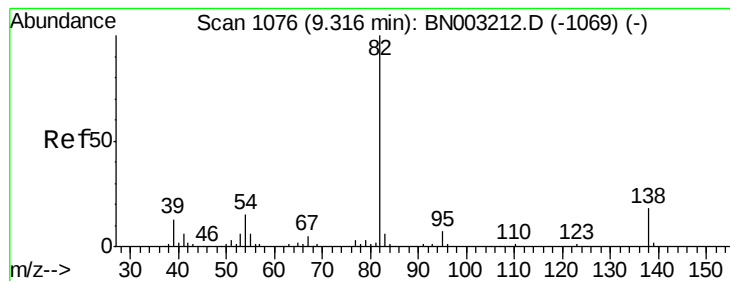


Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BN0





#21

Isophorone

Concen: 0.620 ng/ul

RT: 9.47 min Scan# 1103

Delta R.T. 0.16 min

Lab File: BN003222.D

Acq: 20 Oct 2018 00:17

Instrument :

BNA_N

ClientSampled :

C0AH8

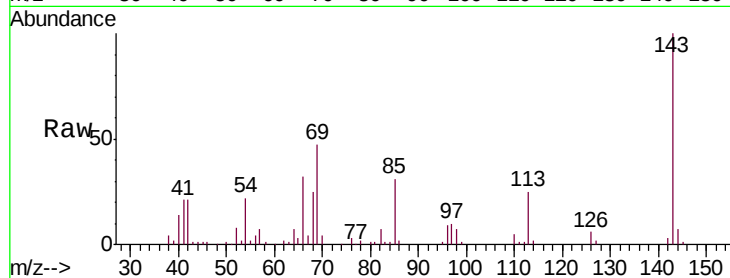
Tgt Ion: 82 Resp: 10222

Ion Ratio Lower Upper

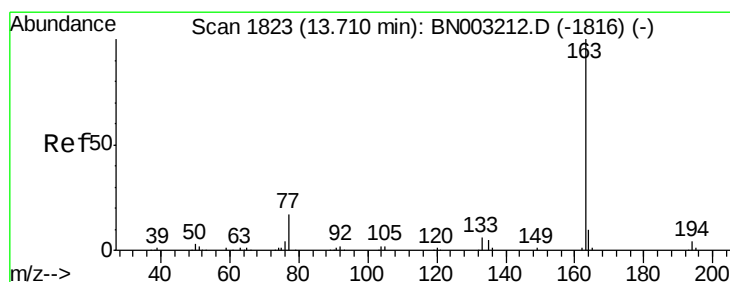
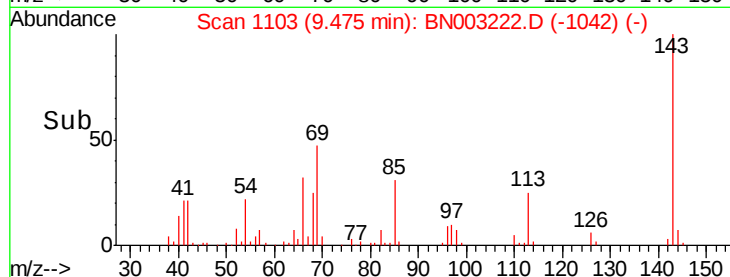
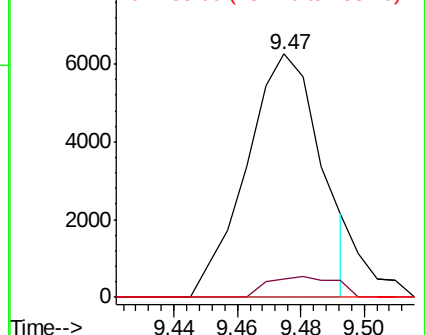
82 100

95 7.7 5.3 7.9

138 0.0 14.5 21.7#



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



#44

Dimethylphthalate

Concen: 7.208 ng/ul

RT: 13.71 min Scan# 1823

Delta R.T. -0.00 min

Lab File: BN003222.D

Acq: 20 Oct 2018 00:17

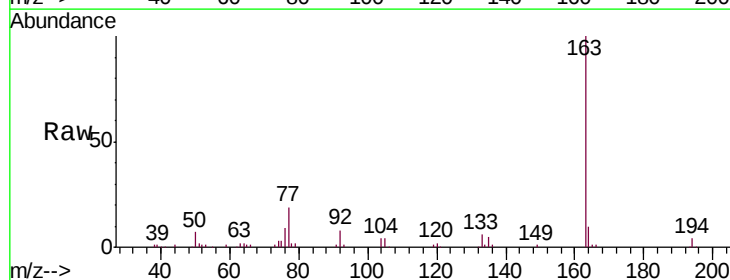
Tgt Ion: 163 Resp: 171074

Ion Ratio Lower Upper

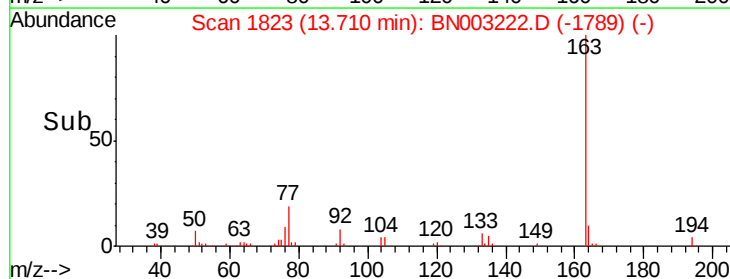
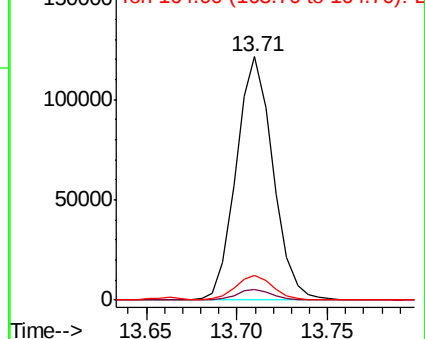
163 100

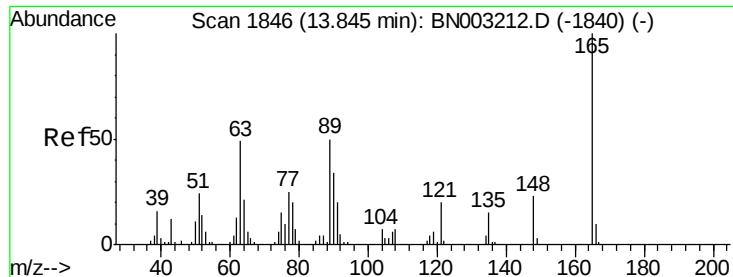
194 4.3 3.7 5.5

164 9.9 8.3 12.5



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

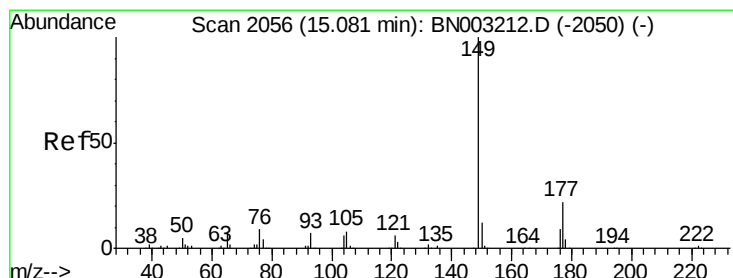
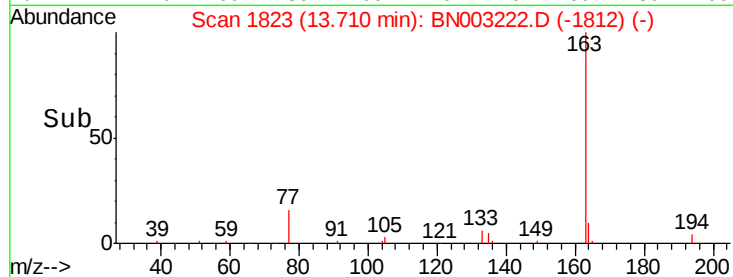
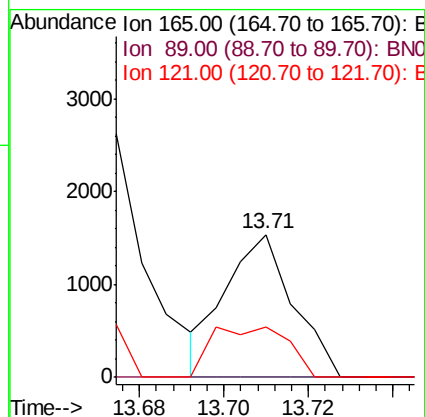
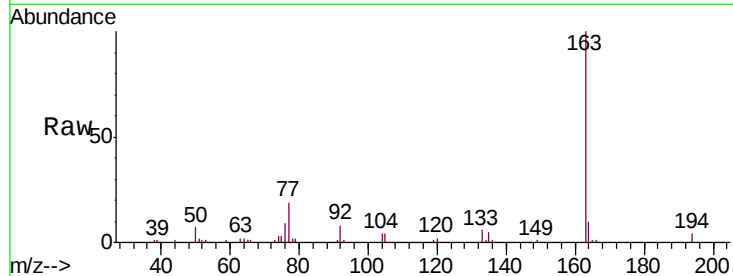




#45
 2,6-Dinitrotoluene
 Concen: 0.359 ng/ul
 RT: 13.71 min Scan# 1823
 Delta R.T. -0.14 min
 Lab File: BN003222.D
 Acq: 20 Oct 2018 00:17

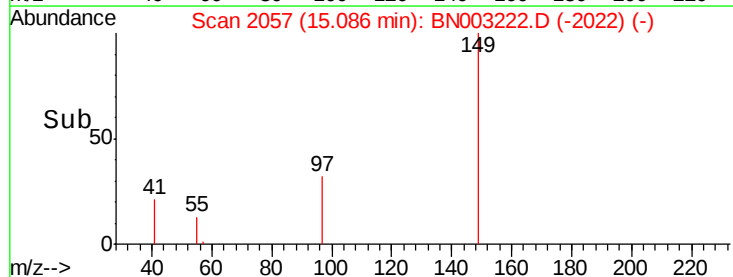
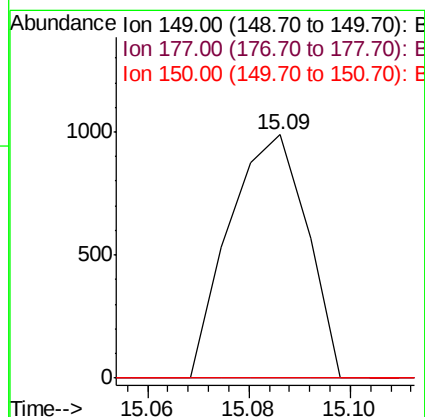
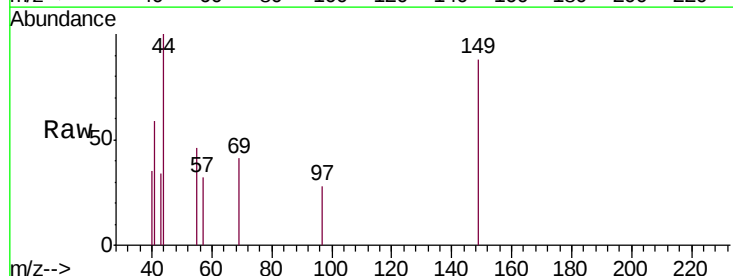
Instrument :
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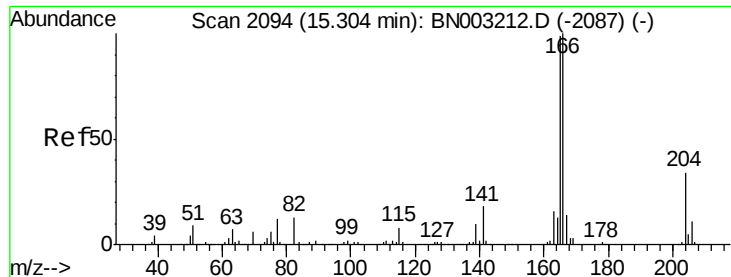
Tgt Ion:165 Resp: 1707
 Ion Ratio Lower Upper
 165 100
 89 0.0 40.3 60.5#
 121 35.0 15.7 23.5#



#56
 Diethylphthalate
 Concen: 0.044 ng/ul
 RT: 15.09 min Scan# 2057
 Delta R.T. 0.01 min
 Lab File: BN003222.D
 Acq: 20 Oct 2018 00:17

Tgt Ion:149 Resp: 1048
 Ion Ratio Lower Upper
 149 100
 177 0.0 17.3 25.9#
 150 0.0 10.2 15.4#





#58

Fluorene

Concen: 0.068 ng/ul

RT: 15.24 min Scan# 2084

Delta R.T. -0.06 min

Lab File: BN003222.D

Acq: 20 Oct 2018 00:17

Instrument :

BNA_N

ClientSampleId :

C0AH8

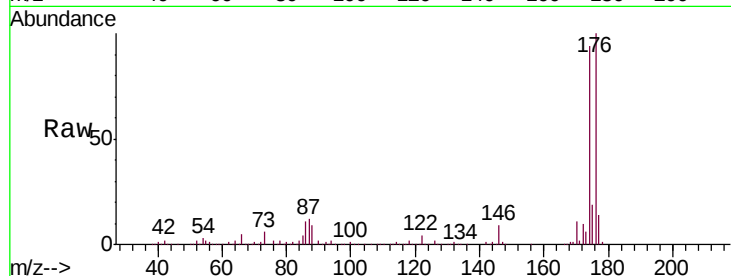
Tgt Ion:166 Resp: 1583

Ion Ratio Lower Upper

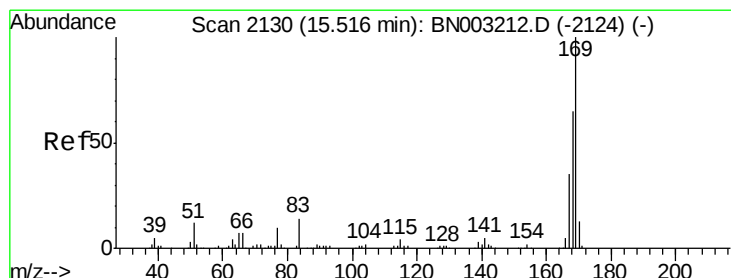
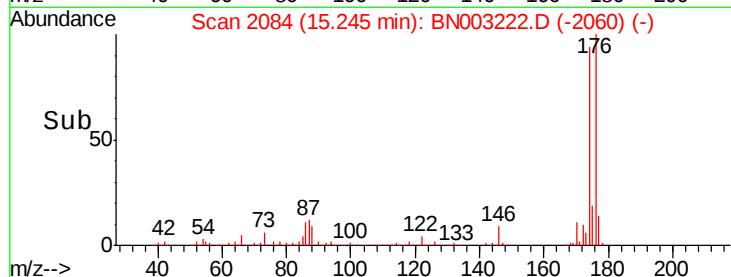
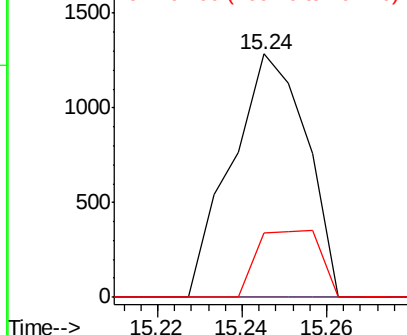
166 100

165 0.0 78.7 118.1#

167 26.5 10.2 15.2#



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



#64

N-Nitrosodiphenylamine

Concen: 0.036 ng/ul

RT: 15.41 min Scan# 2112

Delta R.T. -0.11 min

Lab File: BN003222.D

Acq: 20 Oct 2018 00:17

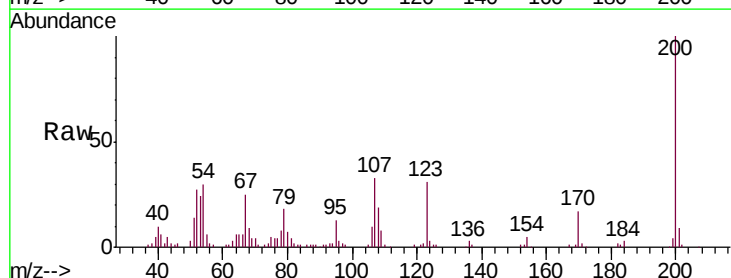
Tgt Ion:169 Resp: 714

Ion Ratio Lower Upper

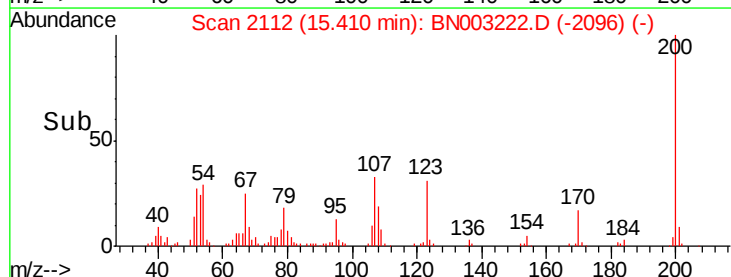
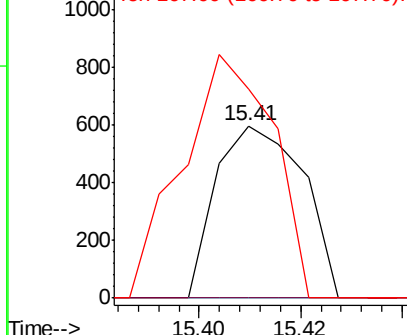
169 100

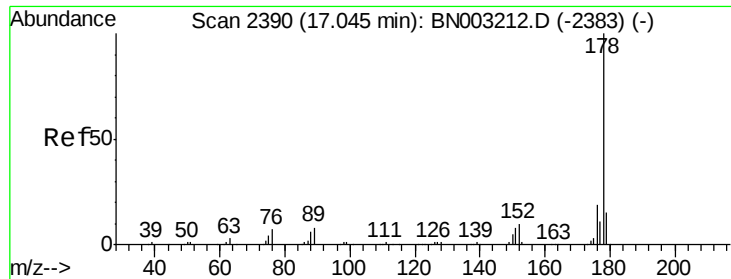
168 0.0 53.1 79.7#

167 121.0 27.4 41.0#



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





#69

Phenanthrene

Concen: 0.024 ng/ul

RT: 17.05 min Scan# 2391

Delta R.T. 0.01 min

Lab File: BN003222.D

Acq: 20 Oct 2018 00:17

Instrument :

BNA_N

ClientSampleId :

C0AH8

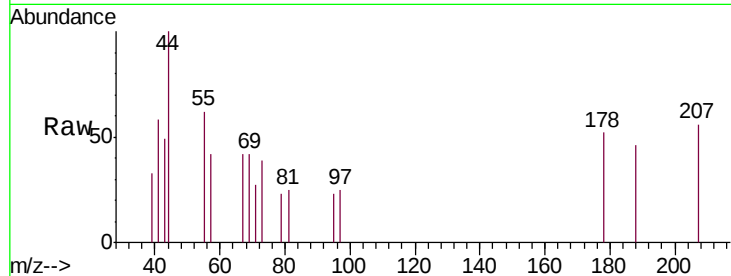
Tgt Ion:178 Resp: 865

Ion Ratio Lower Upper

178 100

179 0.0 12.6 19.0#

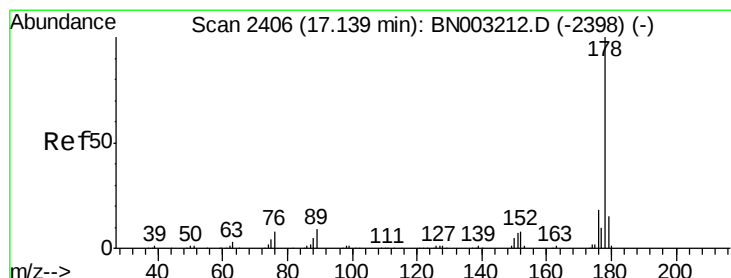
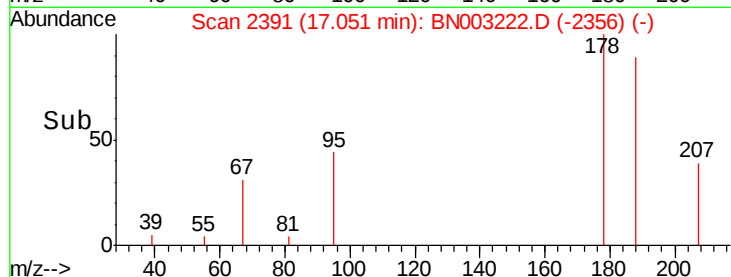
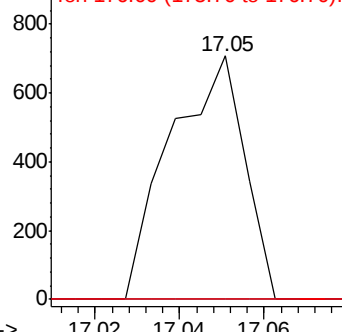
176 0.0 14.7 22.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 0.014 ng/ul

RT: 17.14 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BN003222.D

Acq: 20 Oct 2018 00:17

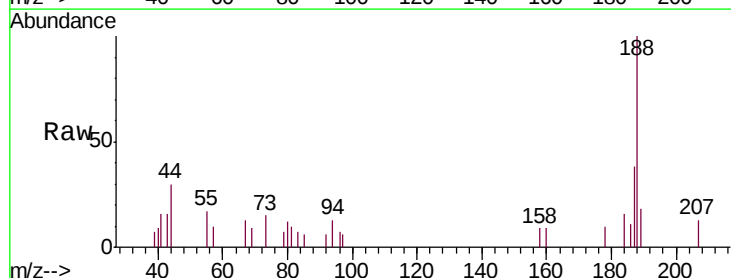
Tgt Ion:178 Resp: 509

Ion Ratio Lower Upper

178 100

179 0.0 12.2 18.4#

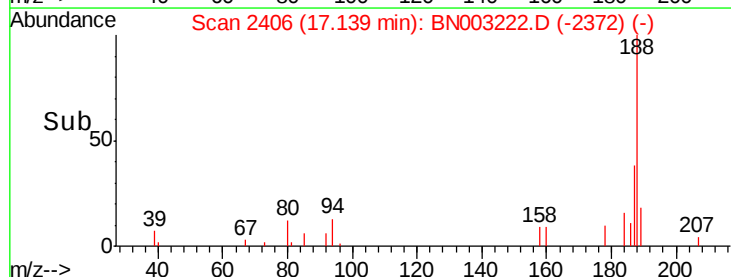
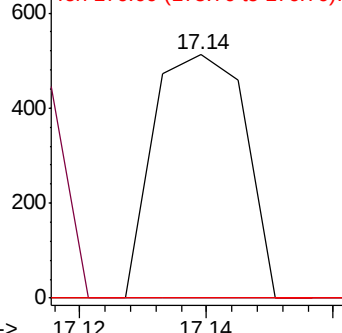
176 0.0 14.9 22.3#

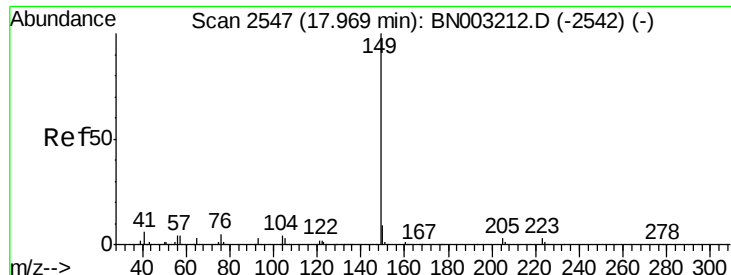


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

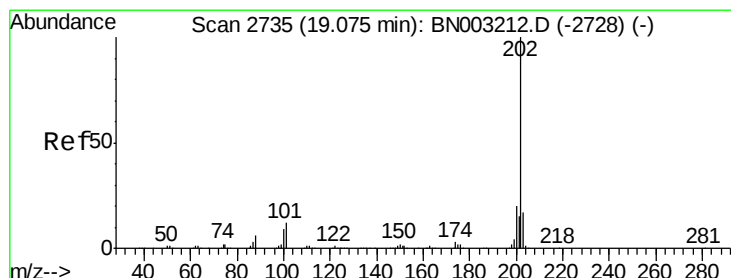
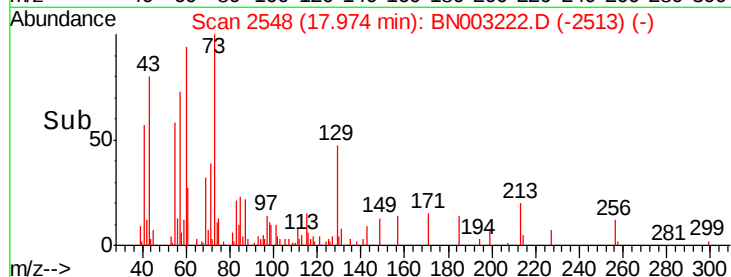
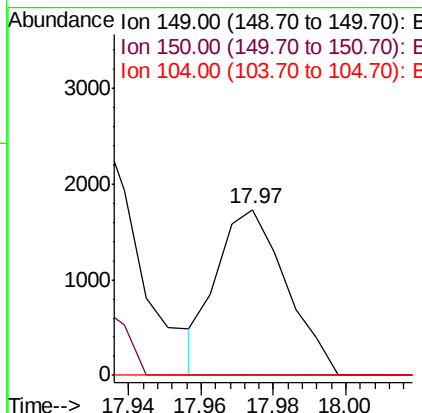
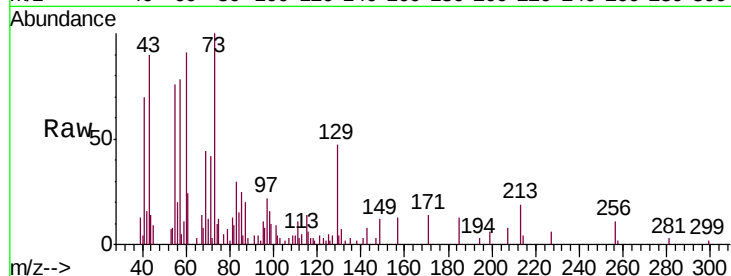




#75
Di-n-butylphthalate
Concen: 0.057 ng/ul
RT: 17.97 min Scan# 2548
Delta R.T. 0.01 min
Lab File: BN003222.D
Acq: 20 Oct 2018 00:17

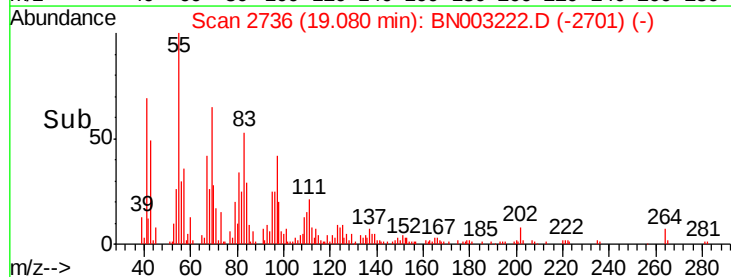
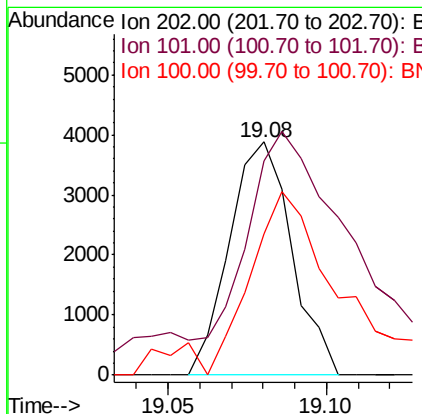
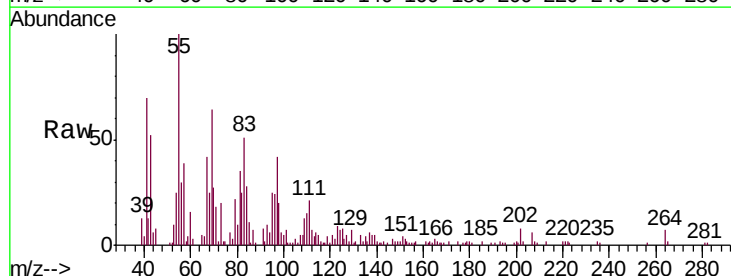
Instrument :
BNA_N
ClientSampleId :
C0AH8

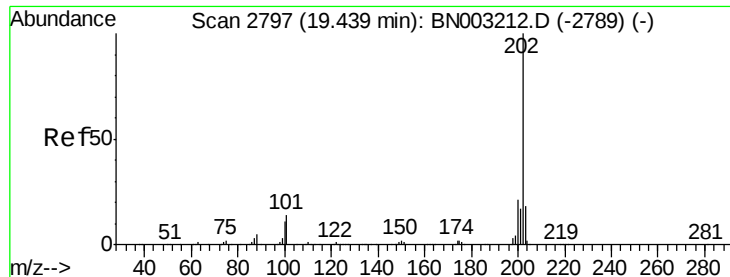
Tgt Ion:149 Resp: 2311
Ion Ratio Lower Upper
149 100
150 0.0 7.4 11.0#
104 0.0 3.6 5.4#



#76
Fluoranthene
Concen: 0.124 ng/ul
RT: 19.08 min Scan# 2736
Delta R.T. 0.01 min
Lab File: BN003222.D
Acq: 20 Oct 2018 00:17

Tgt Ion:202 Resp: 5291
Ion Ratio Lower Upper
202 100
101 92.2 9.4 14.2#
100 60.7 7.2 10.8#





#79

Pyrene

Concen: 0.067 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BN003222.D

Acq: 20 Oct 2018 00:17

Instrument :

BNA_N

ClientSampled :

C0AH8

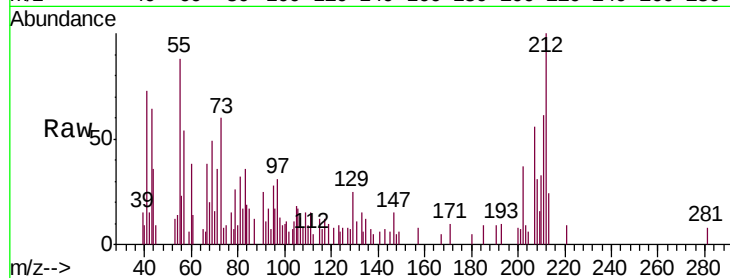
Tgt Ion:202 Resp: 2841

Ion Ratio Lower Upper

202 100

101 30.7 10.8 16.2#

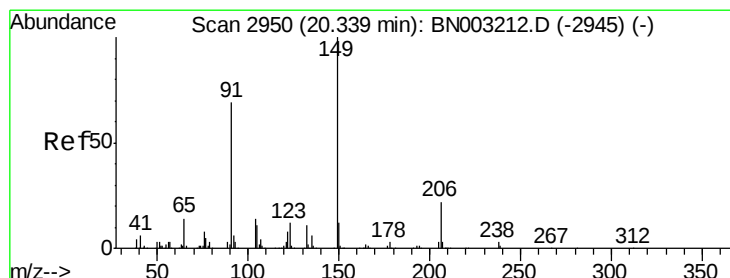
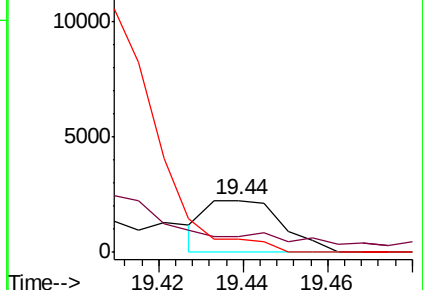
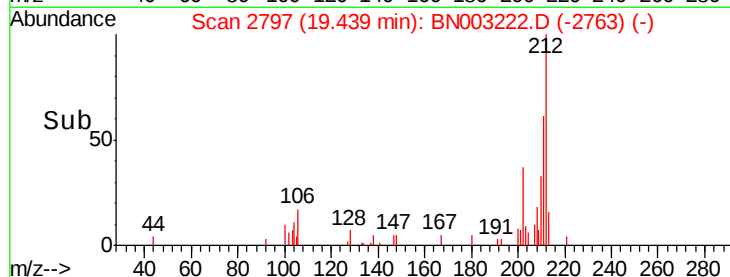
100 26.3 8.6 13.0#



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



#80

Butylbenzylphthalate

Concen: 0.039 ng/ul

RT: 20.33 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BN003222.D

Acq: 20 Oct 2018 00:17

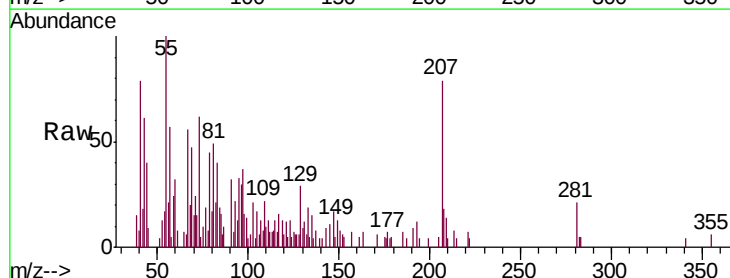
Tgt Ion:149 Resp: 712

Ion Ratio Lower Upper

149 100

91 236.2 53.5 80.3#

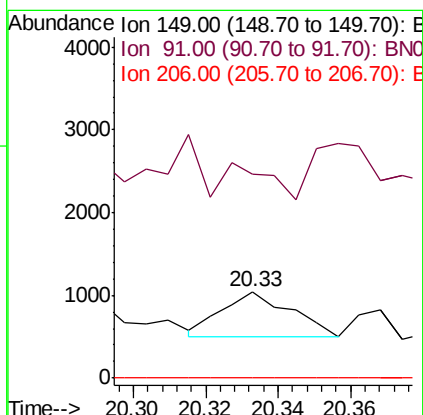
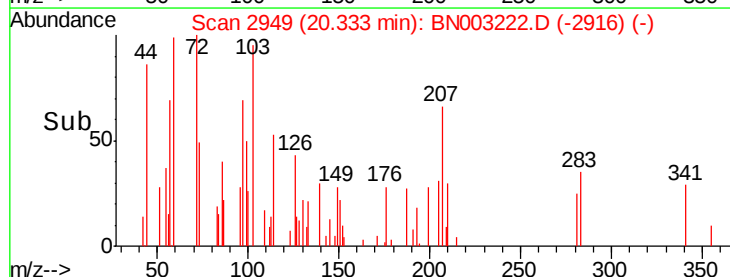
206 0.0 17.0 25.4#

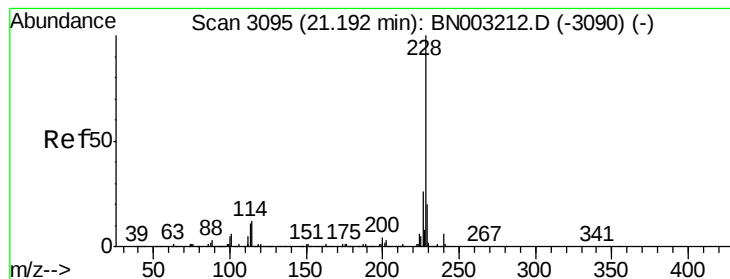


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#82

Benzo(a)anthracene

Concen: 0.111 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BN003222.D

Acq: 20 Oct 2018 00:17

Instrument :

BNA_N

ClientSampleId :

C0AH8

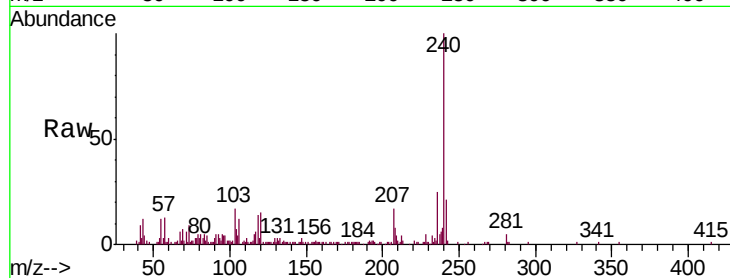
Tgt Ion:228 Resp: 4850

Ion Ratio Lower Upper

228 100

229 23.2 15.4 23.2#

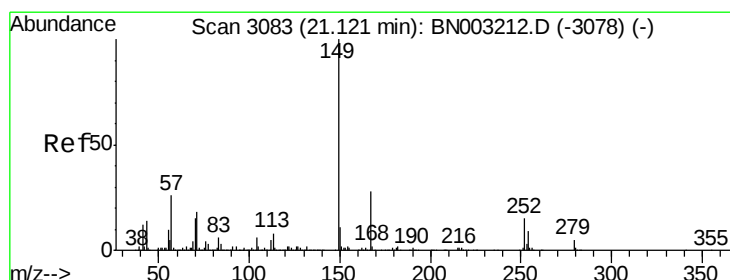
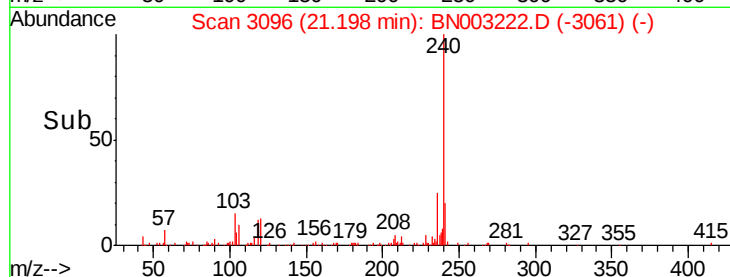
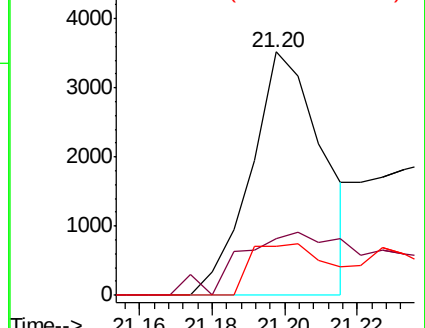
226 19.9 21.4 32.2#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.470 ng/ul

RT: 21.13 min Scan# 3084

Delta R.T. 0.01 min

Lab File: BN003222.D

Acq: 20 Oct 2018 00:17

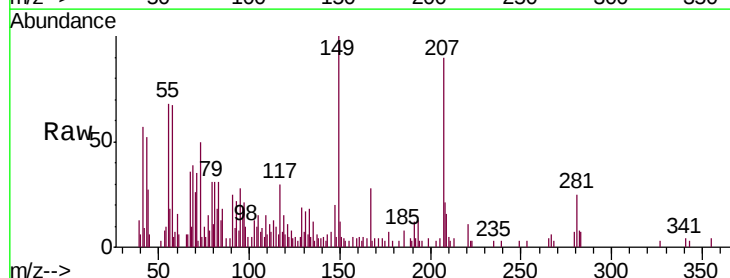
Tgt Ion:149 Resp: 12838

Ion Ratio Lower Upper

149 100

167 28.3 22.4 33.6

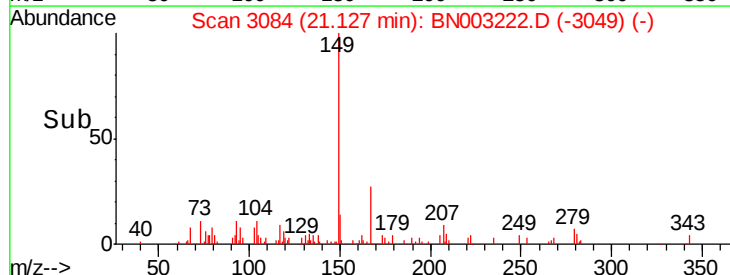
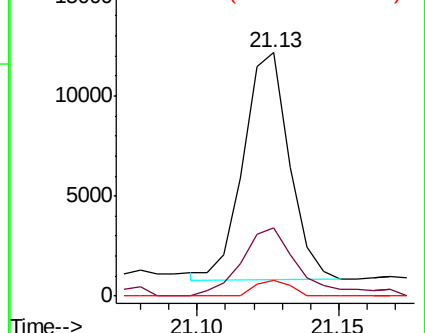
279 6.5 3.7 5.5#

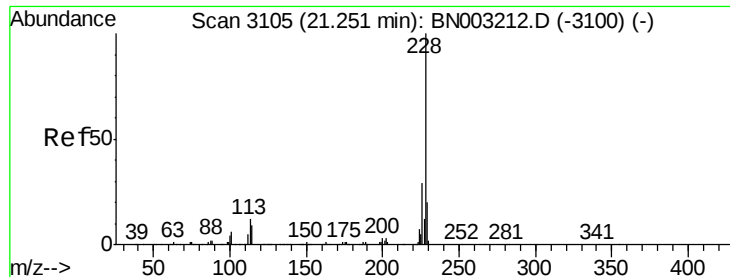


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 0.118 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.05 min

Lab File: BN003222.D

Acq: 20 Oct 2018 00:17

Instrument :

BNA_N

ClientSampleId :

C0AH8

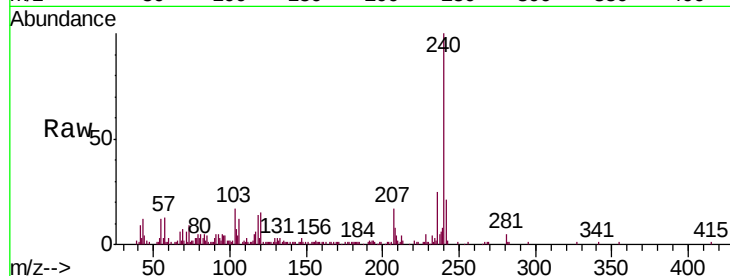
Tgt Ion:228 Resp: 4850

Ion Ratio Lower Upper

228 100

226 19.9 23.1 34.7#

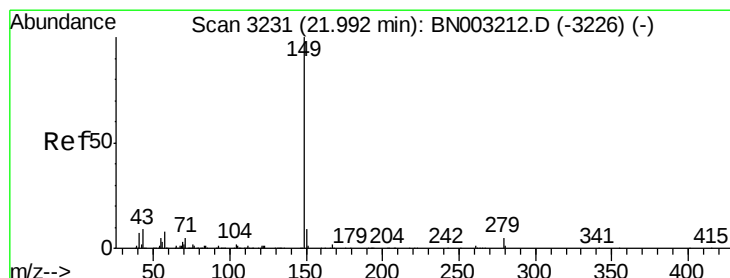
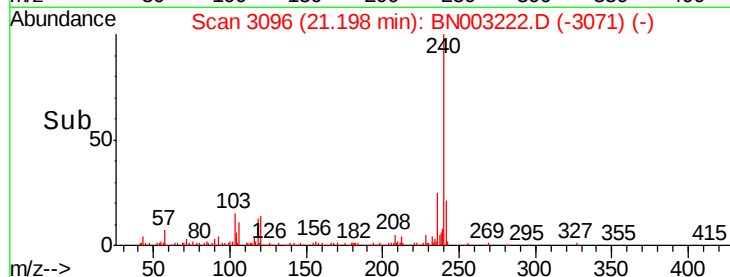
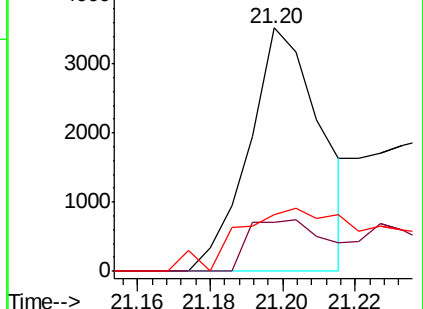
229 23.2 15.7 23.5



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



#86

Di-n-octyl phthalate

Concen: 0.002 ng/ul

RT: 22.00 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BN003222.D

Acq: 20 Oct 2018 00:17

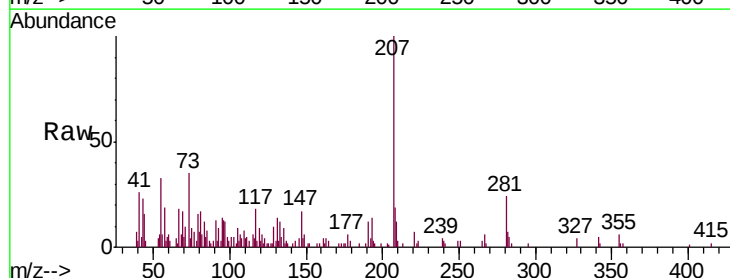
Tgt Ion:149 Resp: 80

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

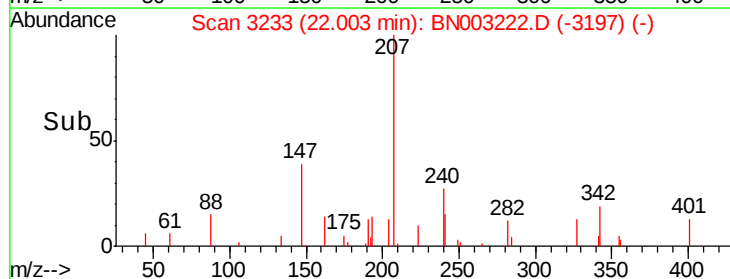
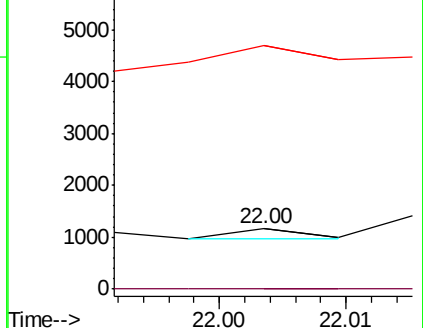
43 404.7 6.8 10.2#

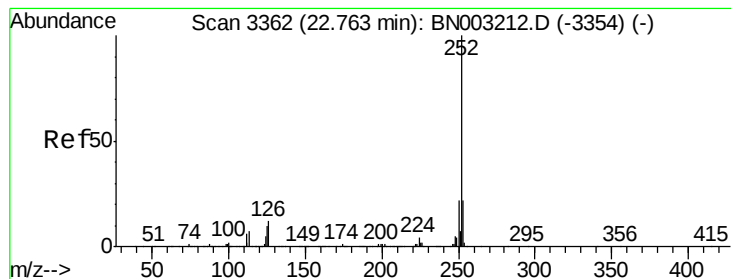


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC





#87

Benzo(b)fluoranthene

Concen: 0.291 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. 0.02 min

Lab File: BN003222.D

Acq: 20 Oct 2018 00:17

Instrument :

BNA_N

ClientSampleId :

C0AH8

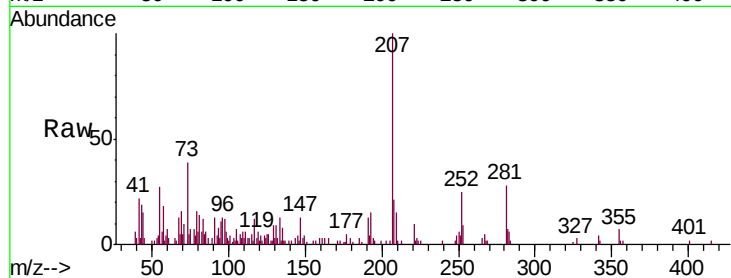
Tgt Ion:252 Resp: 11456

Ion Ratio Lower Upper

252 100

253 33.9 17.4 26.2#

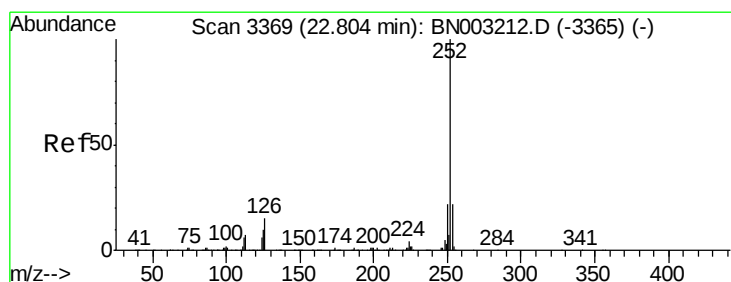
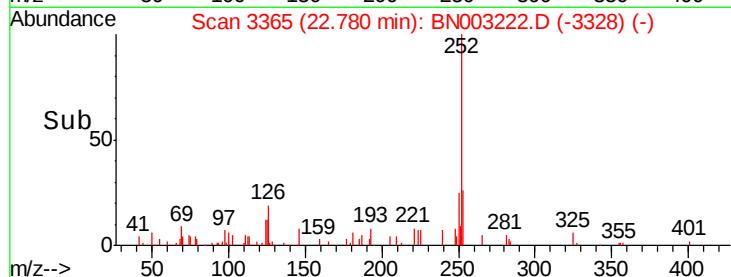
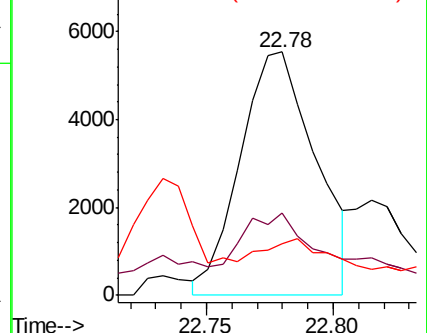
125 21.4 8.7 13.1#



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



#88

Benzo(k)fluoranthene

Concen: 0.090 ng/ul

RT: 22.82 min Scan# 3371

Delta R.T. 0.01 min

Lab File: BN003222.D

Acq: 20 Oct 2018 00:17

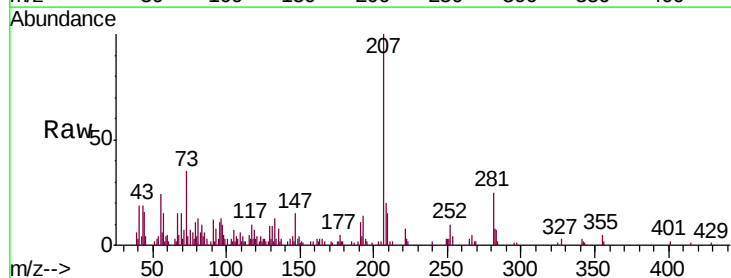
Tgt Ion:252 Resp: 3353

Ion Ratio Lower Upper

252 100

253 39.9 17.8 26.8#

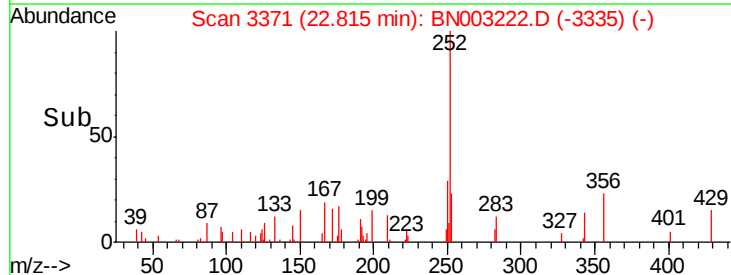
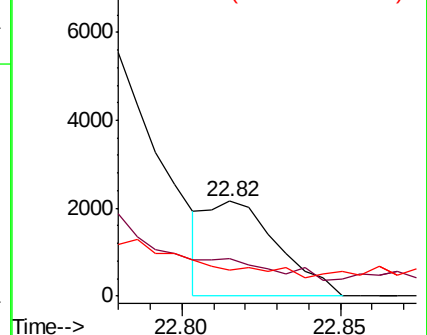
125 27.7 8.2 12.4#

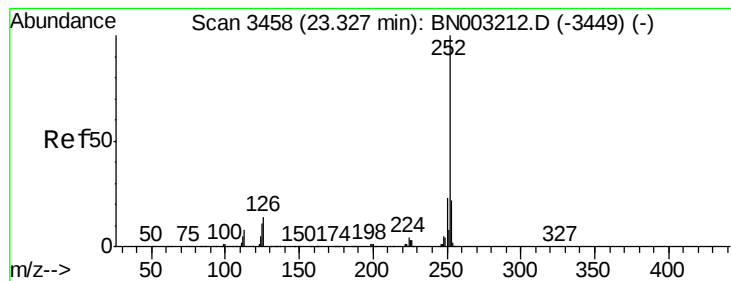


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.089 ng/ul

RT: 23.33 min Scan# 3458

Delta R.T. -0.00 min

Lab File: BN003222.D

Acq: 20 Oct 2018 00:17

Instrument :

BNA_N

ClientSampleId :

C0AH8

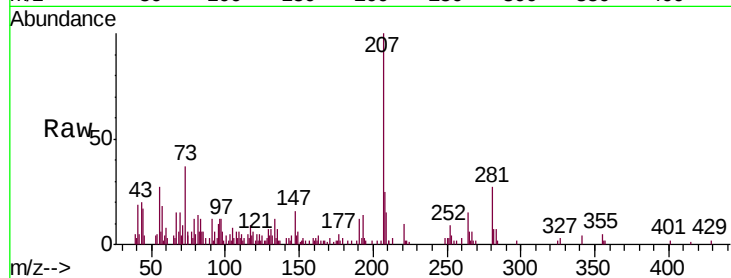
Tgt Ion:252 Resp: 3366

Ion Ratio Lower Upper

252 100

253 48.0 17.5 26.3#

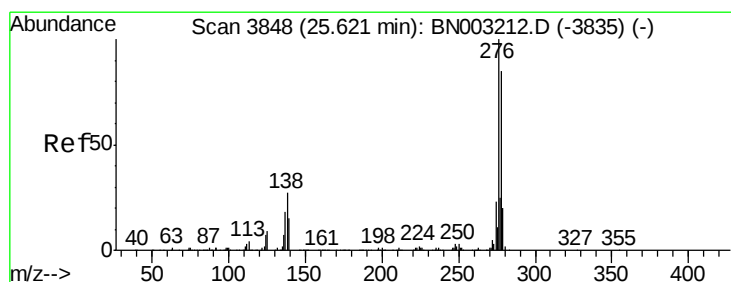
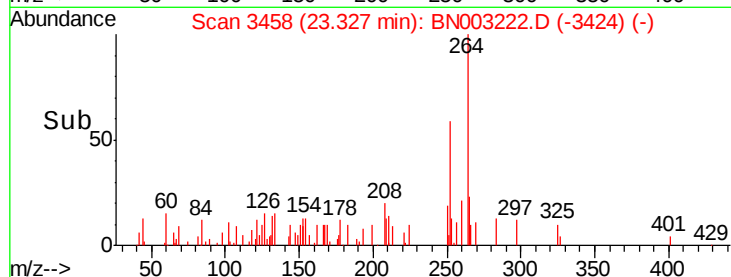
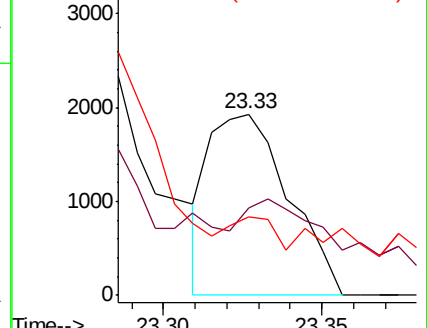
125 43.0 10.0 15.0#



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 0.009 ng/ul

RT: 25.72 min Scan# 3864

Delta R.T. 0.09 min

Lab File: BN003222.D

Acq: 20 Oct 2018 00:17

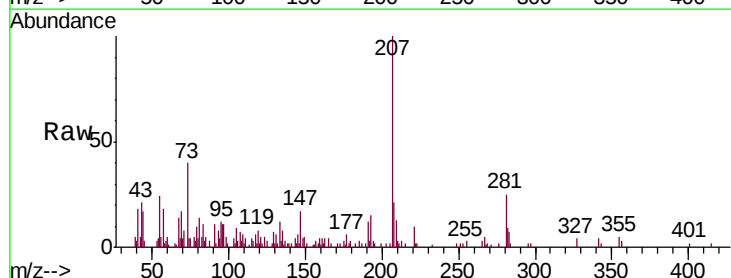
Tgt Ion:276 Resp: 416

Ion Ratio Lower Upper

276 100

138 84.5 21.2 31.8#

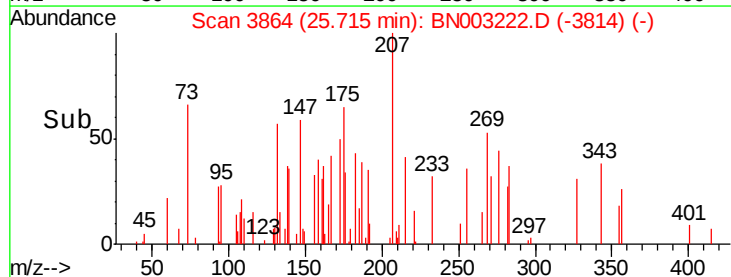
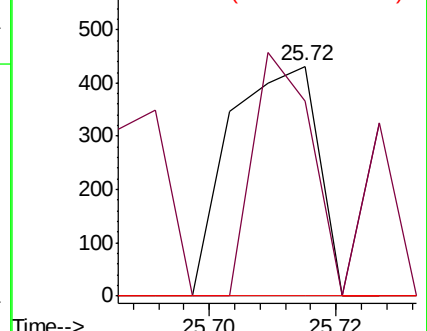
277 0.0 19.7 29.5#

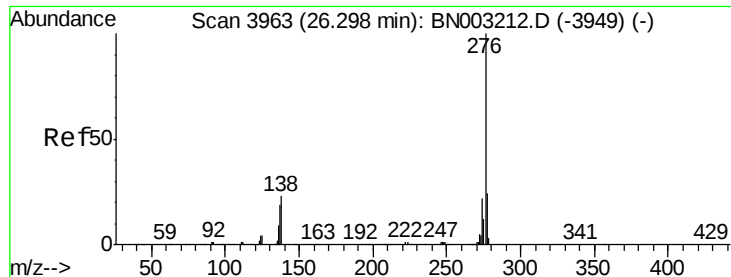


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(g,h,i)perylene

Concen: 0.018 ng/ul

RT: 26.38 min Scan# 3977

Delta R.T. 0.08 min

Lab File: BN003222.D

Acq: 20 Oct 2018 00:17

Instrument :

BNA_N

ClientSampleId :

C0AH8

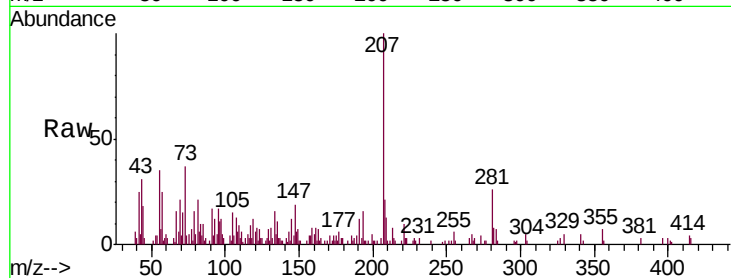
Tgt Ion: 276 Resp: 699

Ion Ratio Lower Upper

276 100

138 90.9 18.3 27.5#

277 0.0 18.6 28.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

