

Data File : BN003221.D
Acq On : 19 Oct 2018 23:42
Operator : MJ/SJ
Sample : J5567-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
COAH0

Quant Time: Oct 20 05:08:42 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	96759	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	471432	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	294742	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	678824	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	753064	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	758337	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	6803	3.63	ng/uL	0.00
5) Phenol-d5	6.80	99	183657	20.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	118645	22.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	155193	21.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	165759	22.22	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	80337	21.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	98999	23.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	171331	22.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	180833	29.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	568870	22.65	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	723165	23.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	75745	21.89	ng/ul	0.02
57) Fluorene-d10	15.25	176	513701	23.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	87199	19.12	ng/ul	0.00
70) Anthracene-d10	17.10	188	803638	23.91	ng/ul	0.00
78) Pyrene-d10	19.41	212	898807	24.63	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	995469	24.28	ng/ul	0.00

Target Compounds

					Qvalue	
4) Benzaldehyde	6.80	77	127	0.080	ng/ul#	1
6) Phenol	6.83	94	64313	6.975	ng/ul	96
14) Acetophenone	8.44	105	1216	0.107	ng/ul#	84
15) N-Nitroso-di-n-propylamine	8.33	70	3675	0.638	ng/ul#	1
21) Isophorone	9.48	82	6287	0.379	ng/ul#	67
44) Dimethylphthalate	13.71	163	144541	5.888	ng/ul	100
45) 2,6-Dinitrotoluene	13.70	165	1420	0.289	ng/ul#	36
56) Diethylphthalate	15.09	149	1400	0.057	ng/ul#	81
58) Fluorene	15.25	166	978	0.041	ng/ul#	6
64) N-Nitrosodiphenylamine	15.41	169	571	0.028	ng/ul#	1
69) Phenanthrene	17.04	178	759	0.020	ng/ul#	61
71) Anthracene	17.14	178	348	0.009	ng/ul#	61
75) Di-n-butylphthalate	17.97	149	2614	0.062	ng/ul#	79
76) Fluoranthene	19.08	202	1769	0.039	ng/ul#	1
79) Pyrene	19.43	202	1496	0.033	ng/ul#	59
80) Butylbenzylphthalate	20.35	149	1119	0.057	ng/ul#	1
82) Benzo(a)anthracene	21.19	228	1965	0.042	ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.12	149	10245	0.350	ng/ul	95
84) Chrysene	21.19	228	1965	0.044	ng/ul	97
86) Di-n-octyl phthalate	21.99	149	1785	0.037	ng/ul#	1
87) Benzo(b)fluoranthene	22.77	252	3506	0.076	ng/ul#	49
88) Benzo(k)fluoranthene	22.82	252	1587	0.037	ng/ul#	6
90) Benzo(a)pyrene	23.33	252	1993	0.045	ng/ul#	35

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

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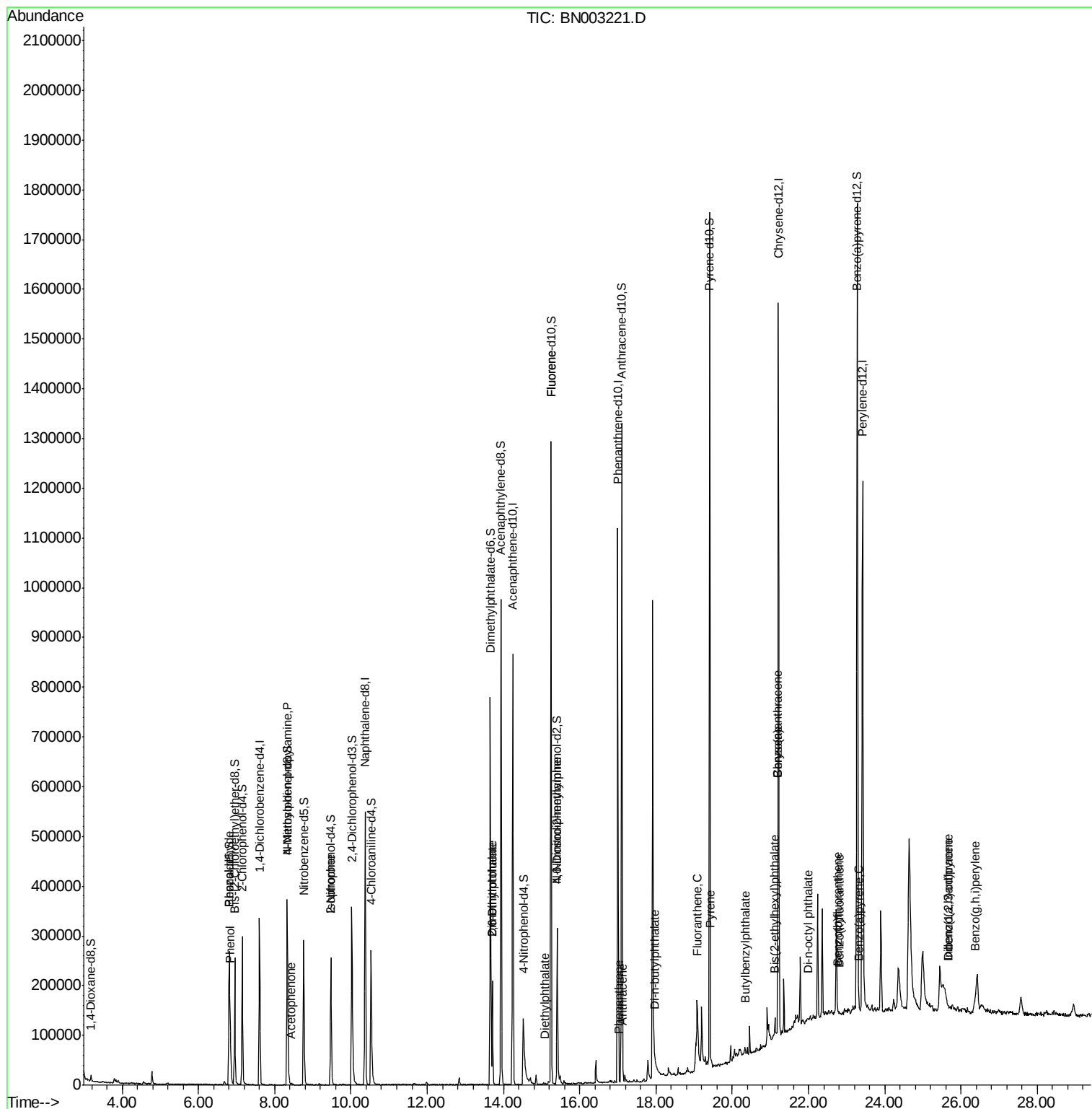
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Indeno(1,2,3-cd)pyrene	25.68	276	235	0.004	ng/ul#	49
92) Dibenzo(a,h)anthracene	25.67	278	112	0.003	ng/ul#	1
93) Benzo(g,h,i)perylene	26.37	276	264	0.006	ng/ul#	52

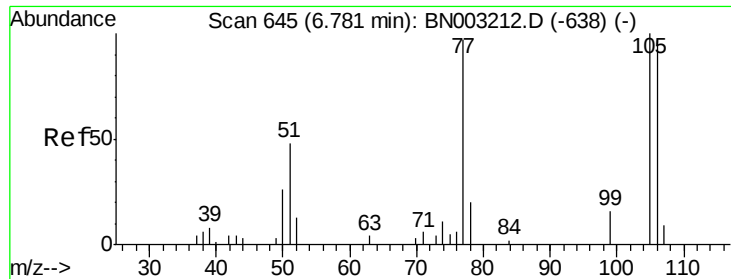
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 0.080 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. 0.02 min

Lab File: BN003221.D

Acq: 19 Oct 2018 23:42

Instrument :

BNA_N

ClientSampleId :

C0AH0

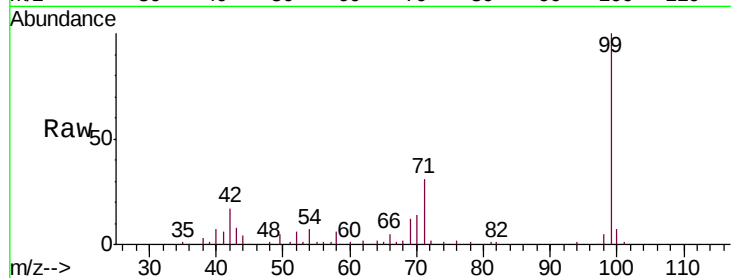
Tgt Ion: 77 Resp: 127

Ion Ratio Lower Upper

77 100

105 0.0 73.8 110.8#

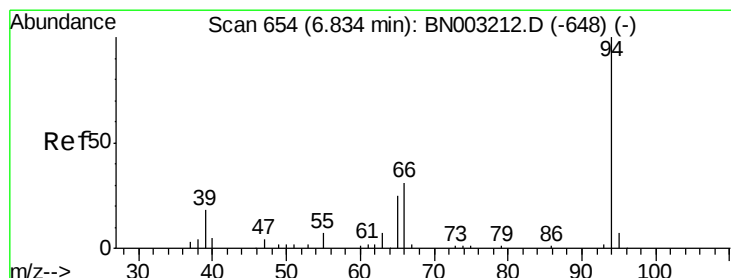
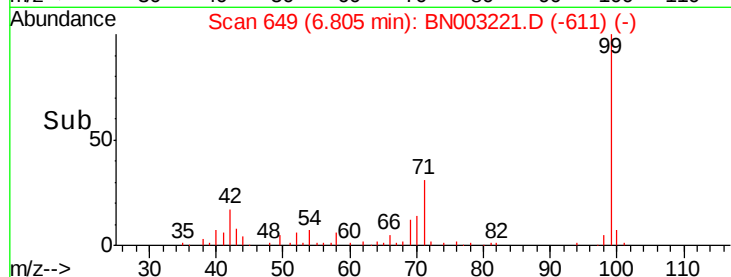
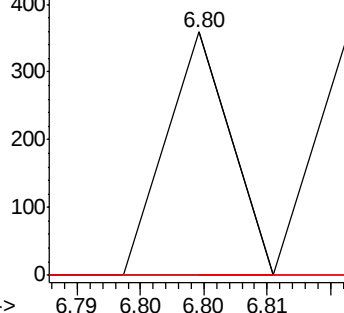
106 0.0 84.2 126.2#



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: 6.975 ng/ul

RT: 6.83 min Scan# 654

Delta R.T. -0.00 min

Lab File: BN003221.D

Acq: 19 Oct 2018 23:42

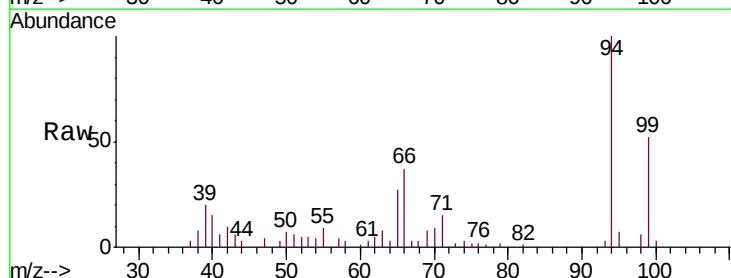
Tgt Ion: 94 Resp: 64313

Ion Ratio Lower Upper

94 100

65 27.2 21.2 31.8

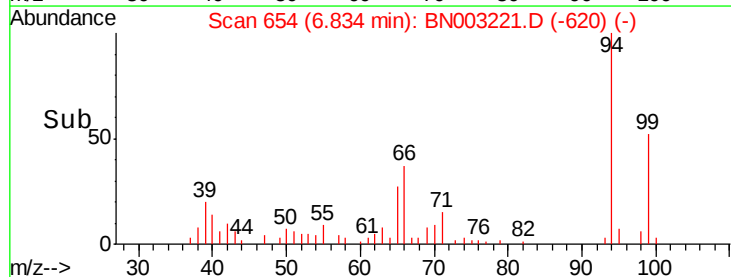
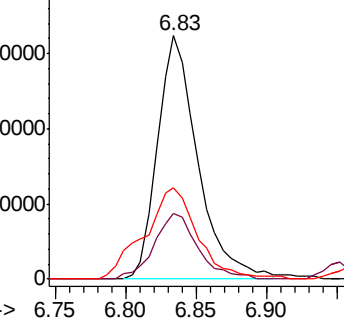
66 37.5 27.4 41.2

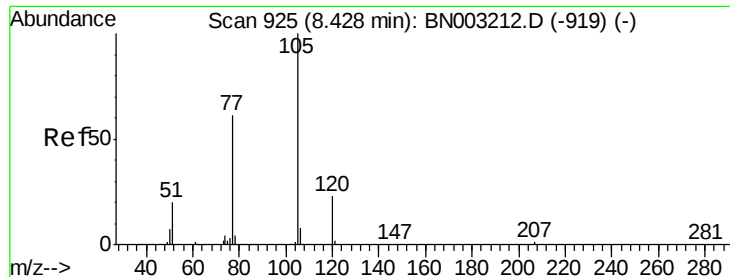


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

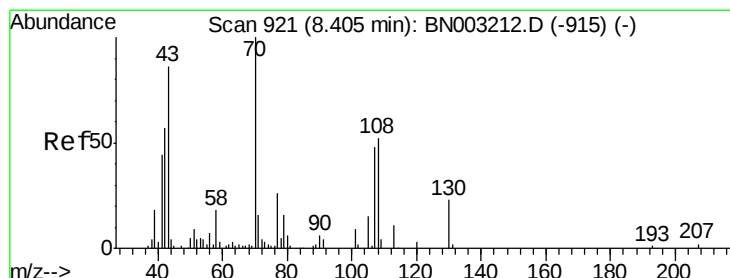
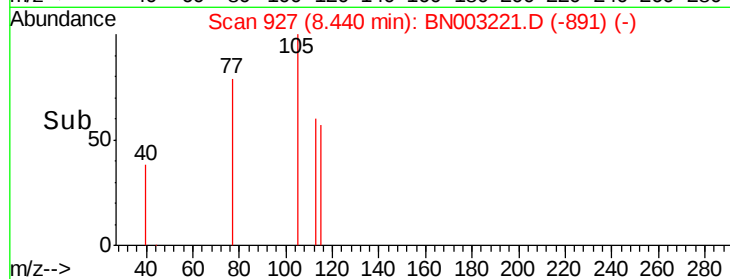
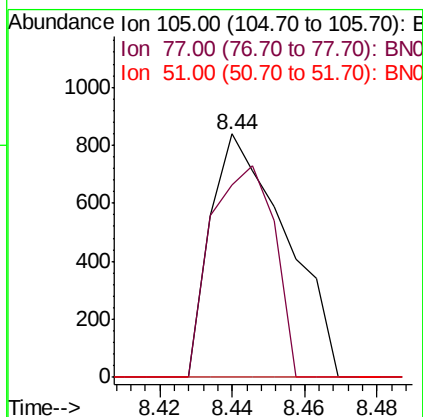
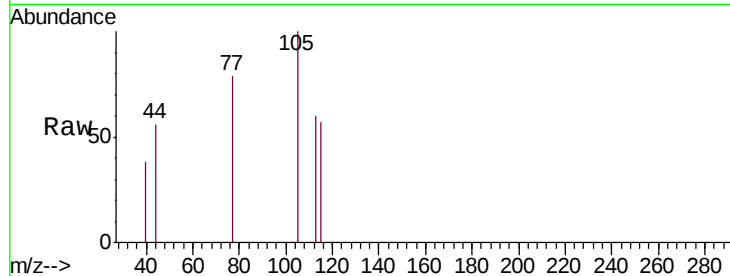




#14
Acetophenone
Concen: 0.107 ng/ul
RT: 8.44 min Scan# 927
Delta R.T. 0.01 min
Lab File: BN003221.D
Acq: 19 Oct 2018 23:42

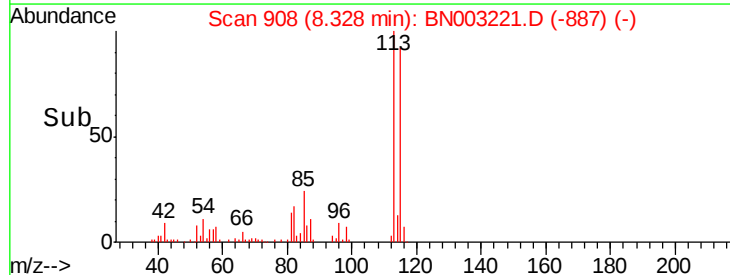
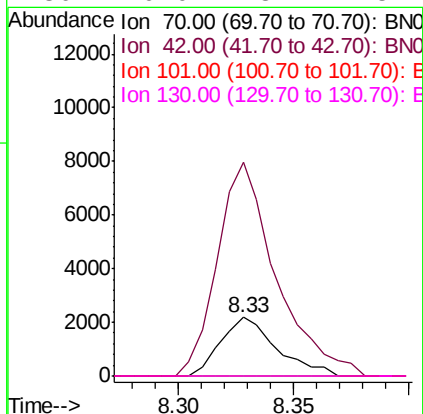
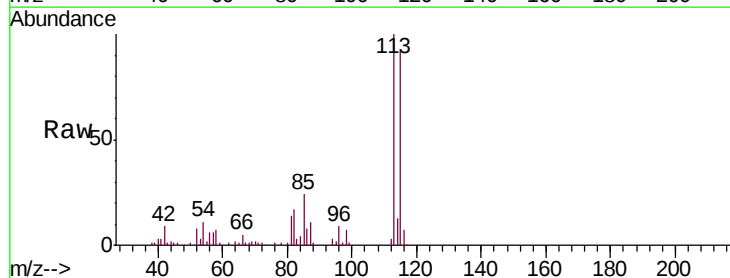
Instrument :
BNA_N
ClientSampled :
COAH0

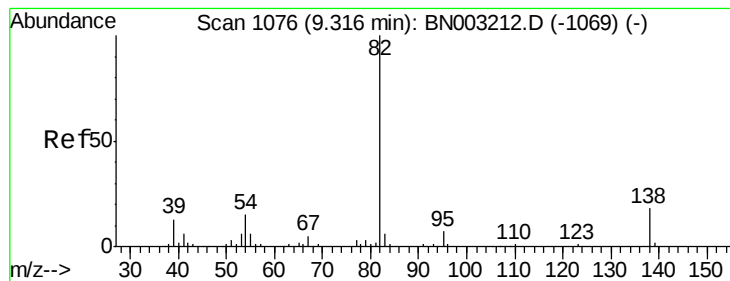
Tgt Ion: 105 Resp: 1216
Ion Ratio Lower Upper
105 100
77 79.1 61.0 91.4
51 0.0 21.0 31.6#



#15
N-Nitroso-di-n-propylamine
Concen: 0.638 ng/ul
RT: 8.33 min Scan# 908
Delta R.T. -0.08 min
Lab File: BN003221.D
Acq: 19 Oct 2018 23:42

Tgt Ion: 70 Resp: 3675
Ion Ratio Lower Upper
70 100
42 363.9 44.5 66.7#
101 0.0 7.9 11.9#
130 0.0 18.7 28.1#





#21

Isophorone

Concen: 0.379 ng/ul

RT: 9.48 min Scan# 1103

Delta R.T. 0.16 min

Lab File: BN003221.D

Acq: 19 Oct 2018 23:42

Instrument :

BNA_N

ClientSampleId :

C0AH0

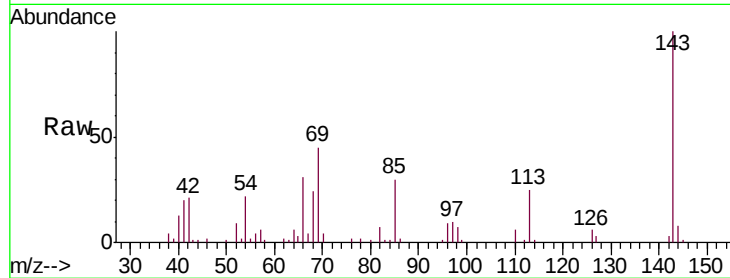
Tgt Ion: 82 Resp: 6287

Ion Ratio Lower Upper

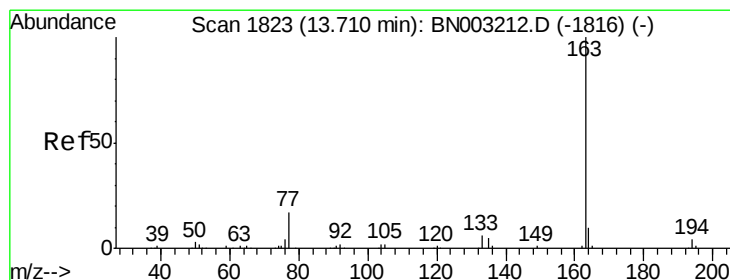
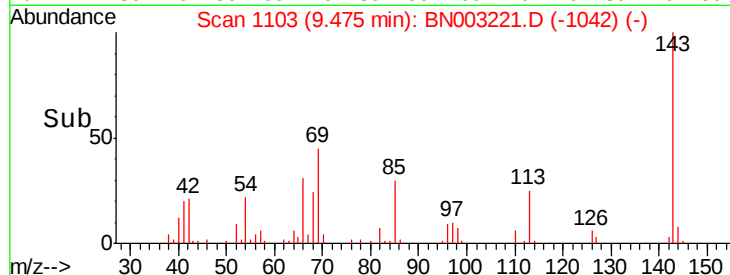
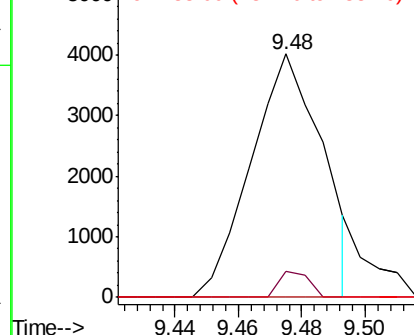
82 100

95 10.8 5.3 7.9#

138 0.0 14.5 21.7#



Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 95.00 (94.70 to 95.70): BN0
Ion 138.00 (137.70 to 138.70): E



#44

Dimethylphthalate

Concen: 5.888 ng/ul

RT: 13.71 min Scan# 1823

Delta R.T. -0.00 min

Lab File: BN003221.D

Acq: 19 Oct 2018 23:42

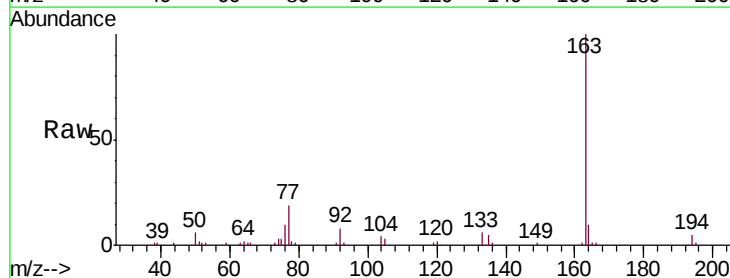
Tgt Ion:163 Resp: 144541

Ion Ratio Lower Upper

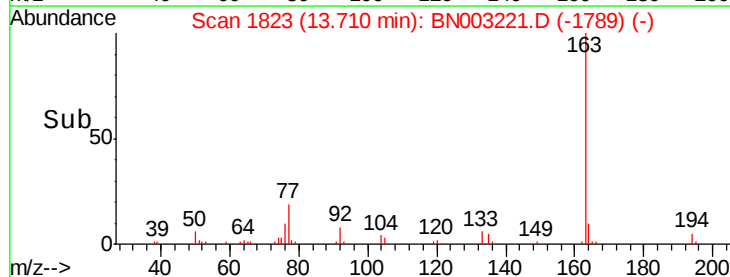
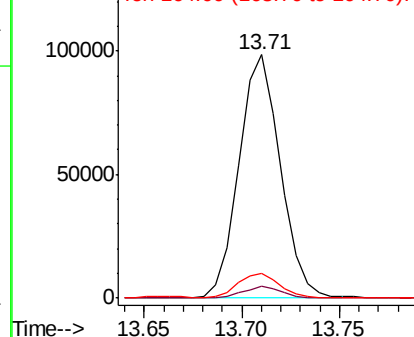
163 100

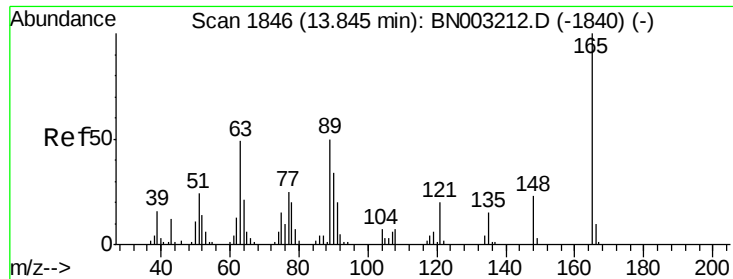
194 4.8 3.7 5.5

164 10.4 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

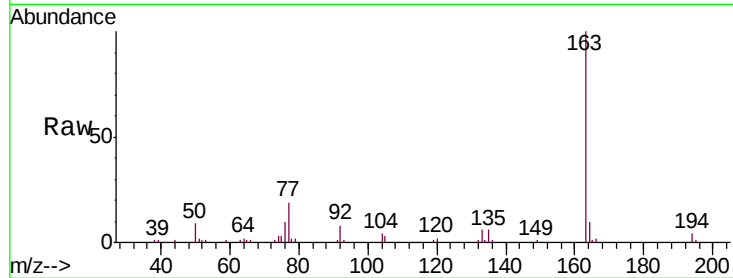




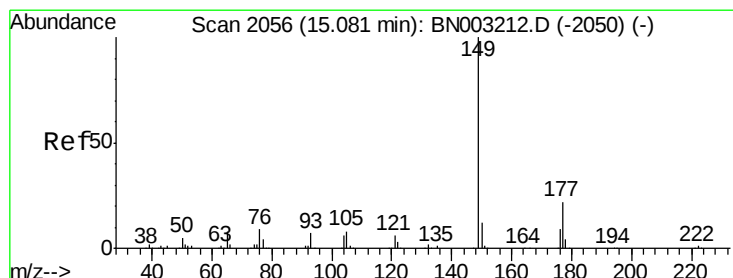
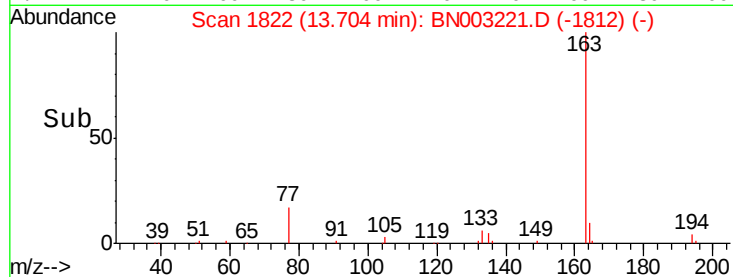
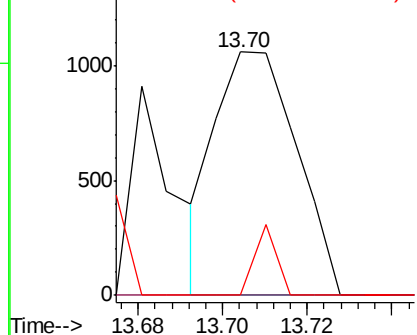
#45
2,6-Dinitrotoluene
Concen: 0.289 ng/ul
RT: 13.70 min Scan# 1822
Delta R.T. -0.14 min
Lab File: BN003221.D
Acq: 19 Oct 2018 23:42

Instrument :
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COAH0

Tgt Ion:165 Resp: 1420
Ion Ratio Lower Upper
165 100
89 0.0 40.3 60.5#
121 0.0 15.7 23.5#

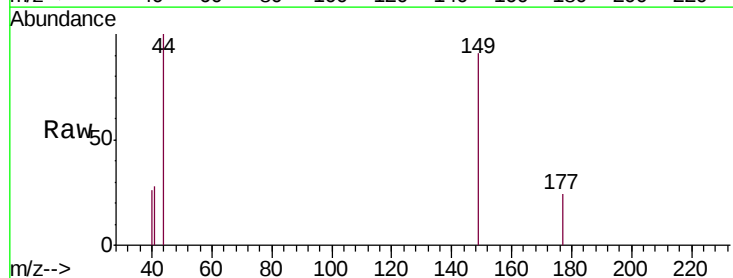


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BNO
Ion 121.00 (120.70 to 121.70): E

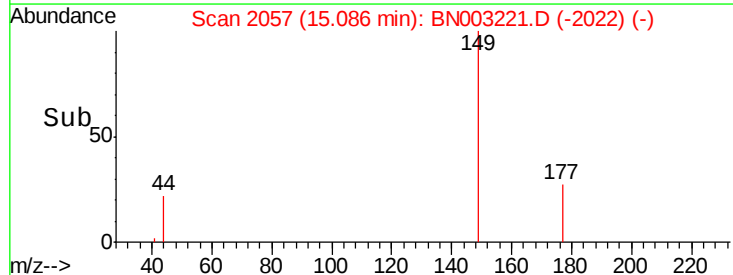
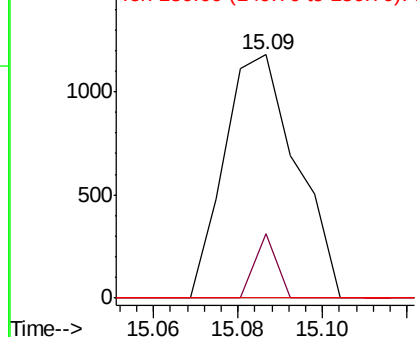


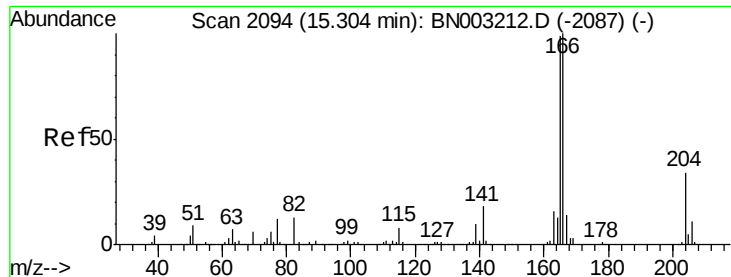
#56
Diethylphthalate
Concen: 0.057 ng/ul
RT: 15.09 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BN003221.D
Acq: 19 Oct 2018 23:42

Tgt Ion:149 Resp: 1400
Ion Ratio Lower Upper
149 100
177 26.6 17.3 25.9#
150 0.0 10.2 15.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#58

Fluorene

Concen: 0.041 ng/ul

RT: 15.25 min Scan# 2085

Delta R.T. -0.05 min

Lab File: BN003221.D

Acq: 19 Oct 2018 23:42

Instrument :

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ClientSampleId :

COAH0

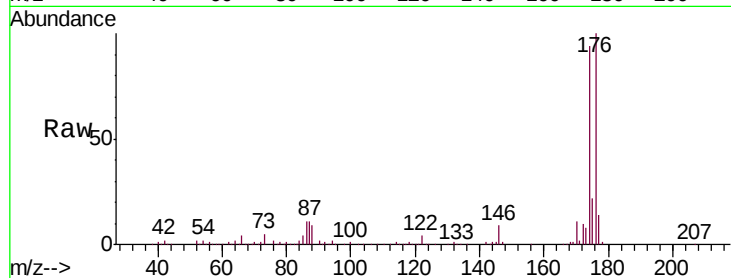
Tgt Ion:166 Resp: 978

Ion Ratio Lower Upper

166 100

165 0.0 78.7 118.1#

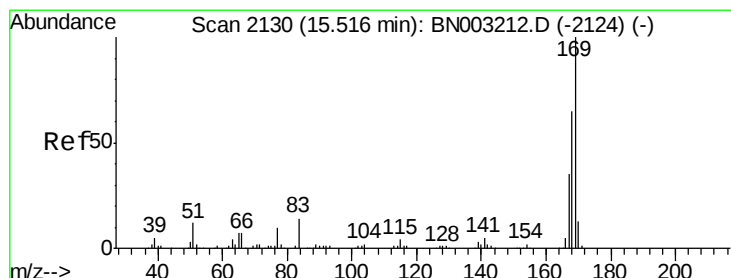
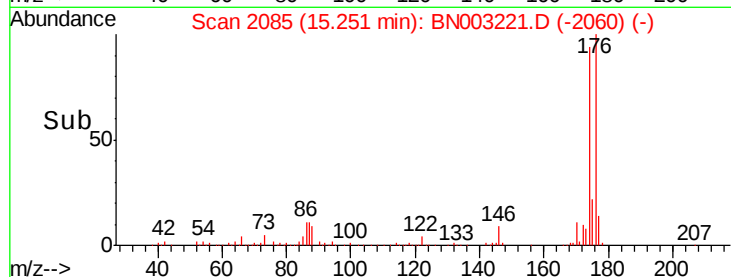
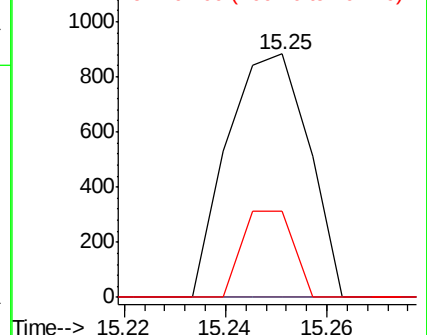
167 35.2 10.2 15.2#



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: 0.028 ng/ul

RT: 15.41 min Scan# 2112

Delta R.T. -0.11 min

Lab File: BN003221.D

Acq: 19 Oct 2018 23:42

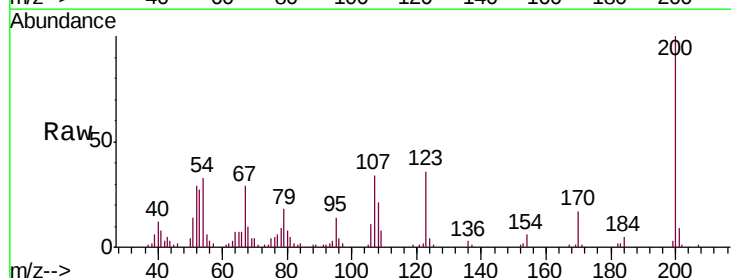
Tgt Ion:169 Resp: 571

Ion Ratio Lower Upper

169 100

168 0.0 53.1 79.7#

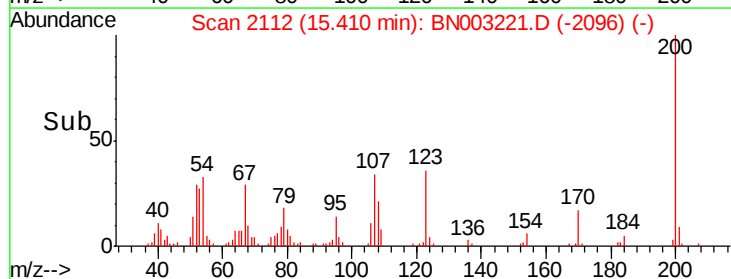
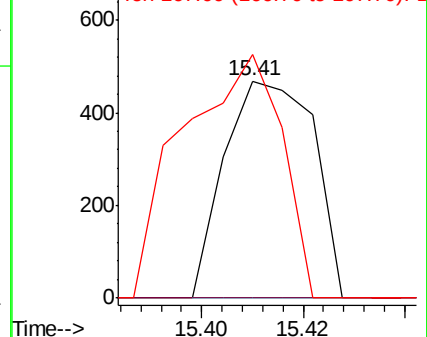
167 112.2 27.4 41.0#

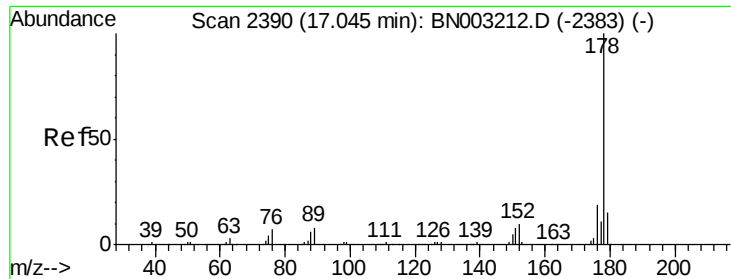


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 0.020 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BN003221.D

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COAH0

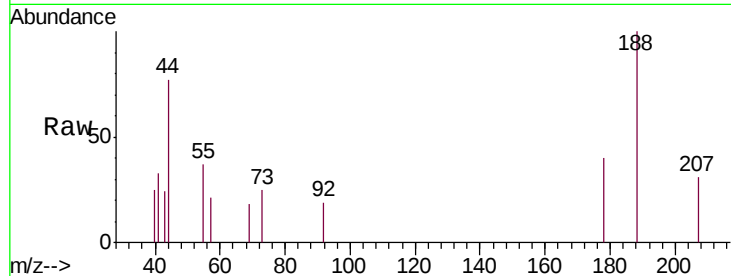
Tgt Ion:178 Resp: 759

Ion Ratio Lower Upper

178 100

179 0.0 12.6 19.0#

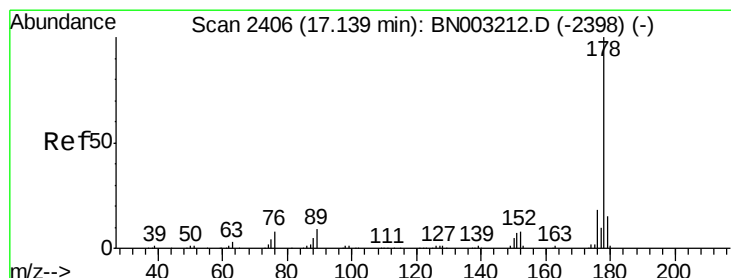
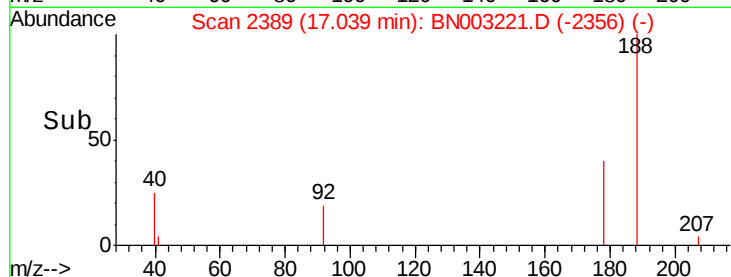
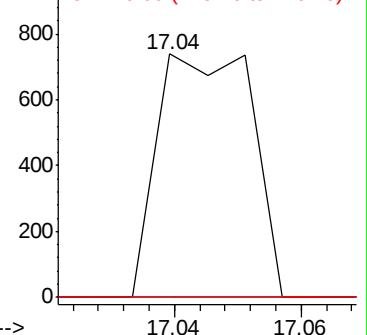
176 0.0 14.7 22.1#



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: 0.009 ng/ul

RT: 17.14 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BN003221.D

Acq: 19 Oct 2018 23:42

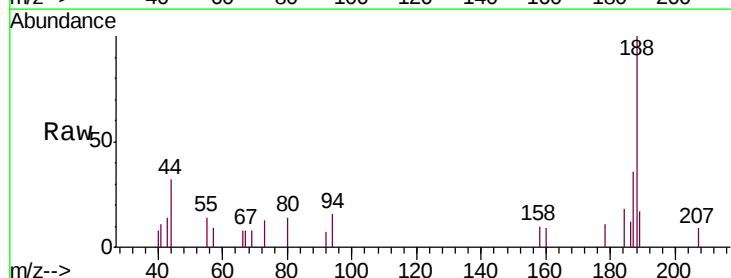
Tgt Ion:178 Resp: 348

Ion Ratio Lower Upper

178 100

179 0.0 12.2 18.4#

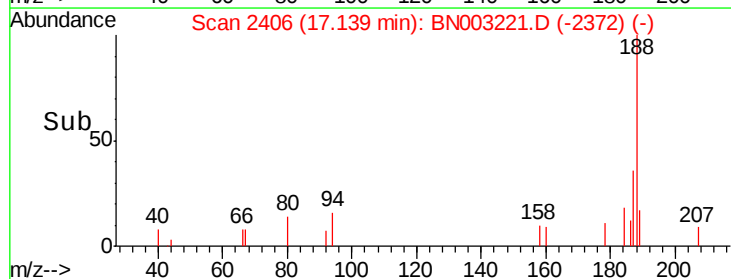
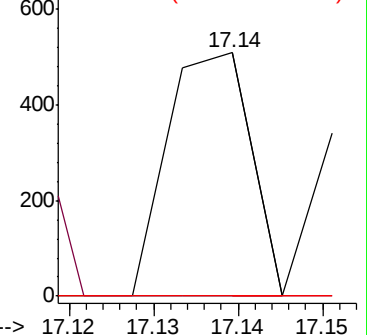
176 0.0 14.9 22.3#

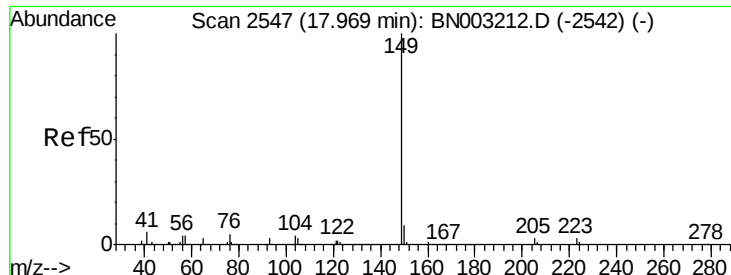


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Di-n-butylphthalate

Concen: 0.062 ng/ul

RT: 17.97 min Scan# 2547

Delta R.T. -0.00 min

Lab File: BN003221.D

Acq: 19 Oct 2018 23:42

Instrument :

BNA_N

ClientSampled :

COAH0

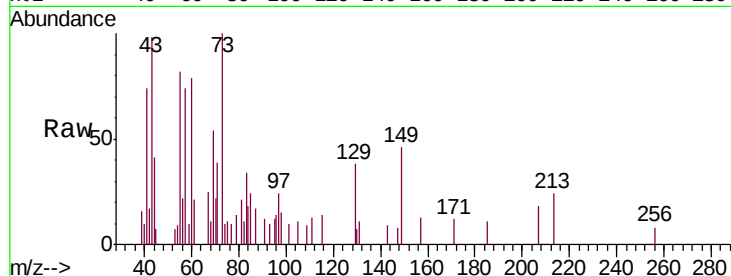
Tgt Ion:149 Resp: 2614

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

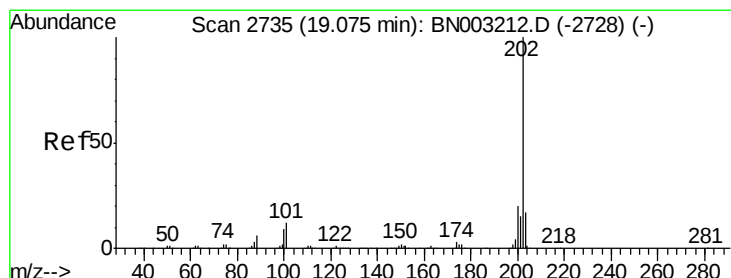
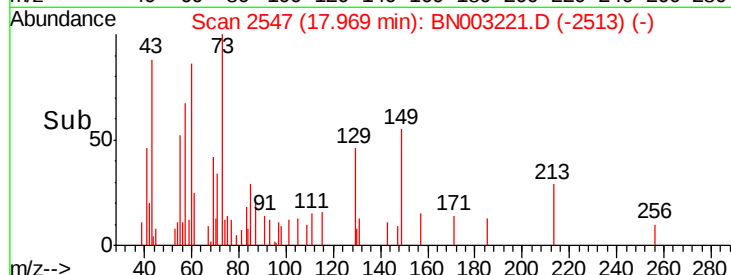
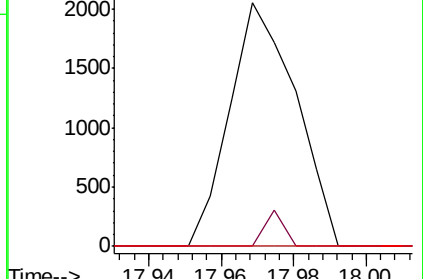
104 0.0 3.6 5.4#



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



#76

Fluoranthene

Concen: 0.039 ng/ul

RT: 19.08 min Scan# 2736

Delta R.T. 0.01 min

Lab File: BN003221.D

Acq: 19 Oct 2018 23:42

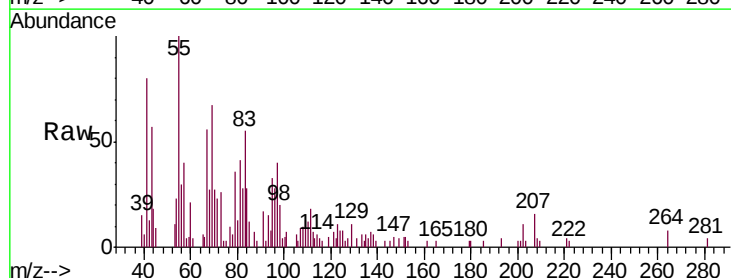
Tgt Ion:202 Resp: 1769

Ion Ratio Lower Upper

202 100

101 62.1 9.4 14.2#

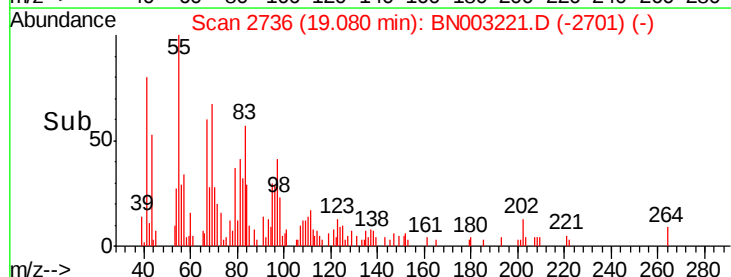
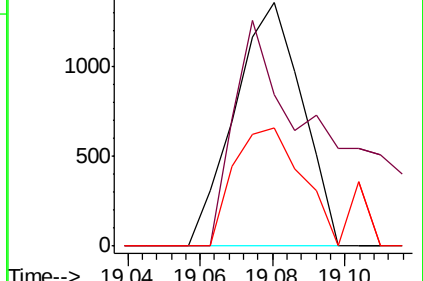
100 48.4 7.2 10.8#

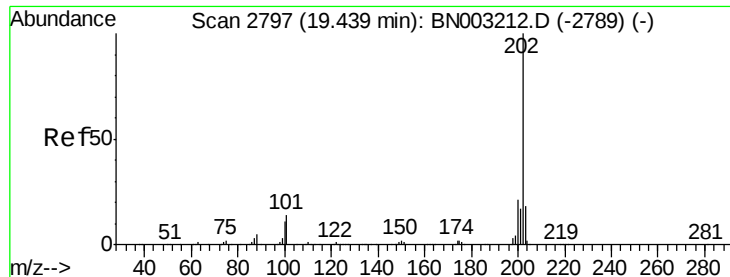


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

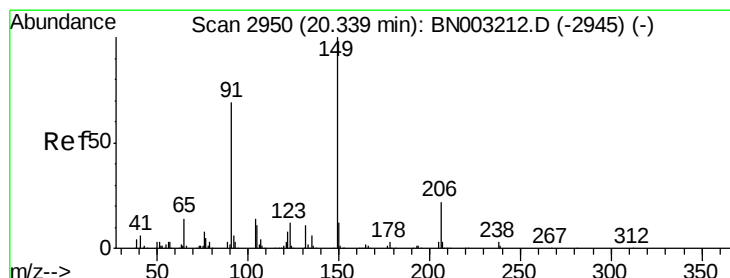
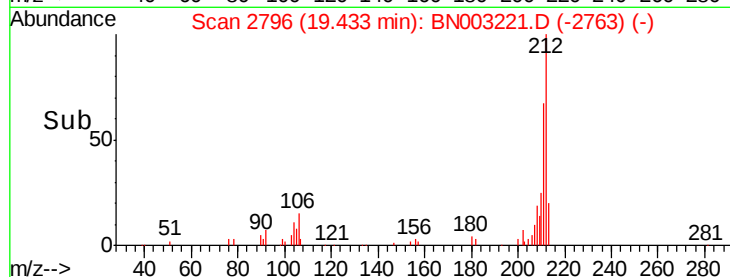
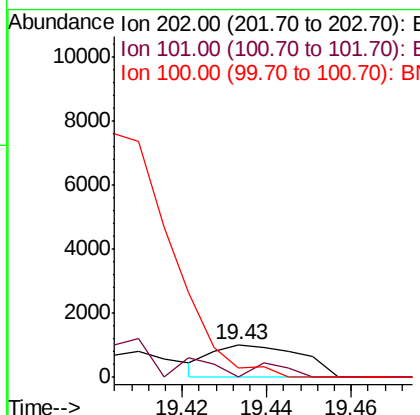
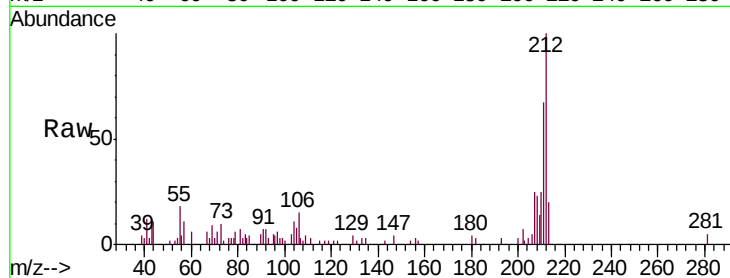




#79
 Pyrene
 Concen: 0.033 ng/ul
 RT: 19.43 min Scan# 2796
 Delta R.T. -0.01 min
 Lab File: BN003221.D
 Acq: 19 Oct 2018 23:42

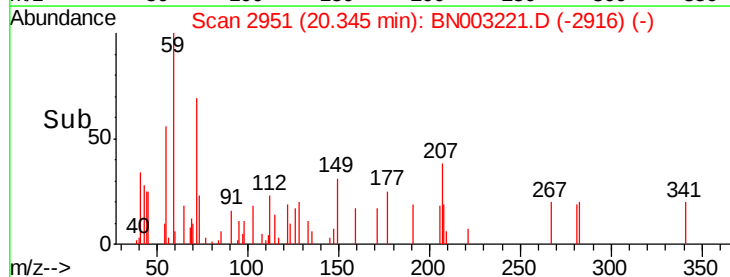
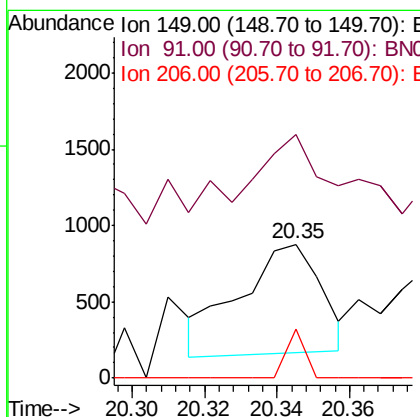
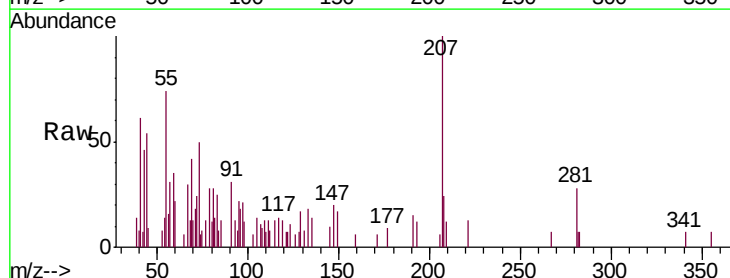
Instrument :
 BNA_N
 ClientSampleId :
 COAH0

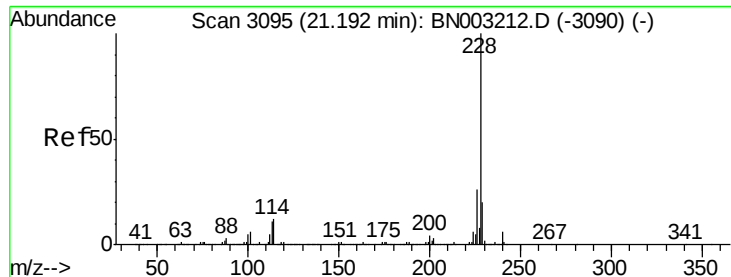
Tgt Ion:202 Resp: 1496
 Ion Ratio Lower Upper
 202 100
 101 0.0 10.8 16.2#
 100 30.0 8.6 13.0#



#80
 Butylbenzylphthalate
 Concen: 0.057 ng/ul
 RT: 20.35 min Scan# 2951
 Delta R.T. 0.01 min
 Lab File: BN003221.D
 Acq: 19 Oct 2018 23:42

Tgt Ion:149 Resp: 1119
 Ion Ratio Lower Upper
 149 100
 91 181.6 53.5 80.3#
 206 36.4 17.0 25.4#





#82

Benzo(a)anthracene

Concen: 0.042 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. -0.00 min

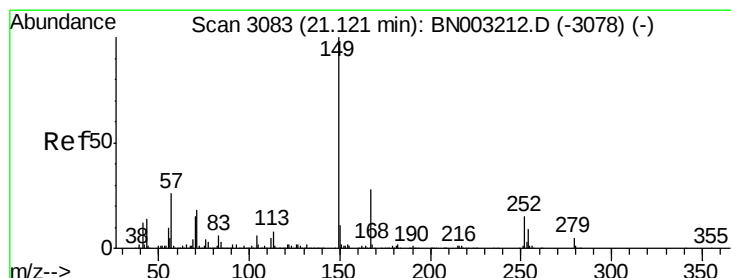
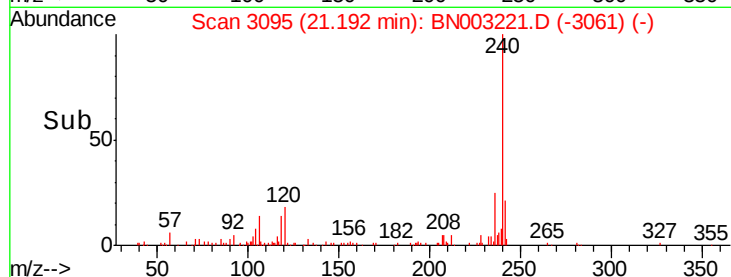
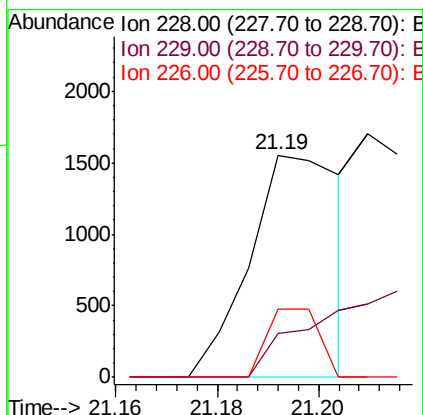
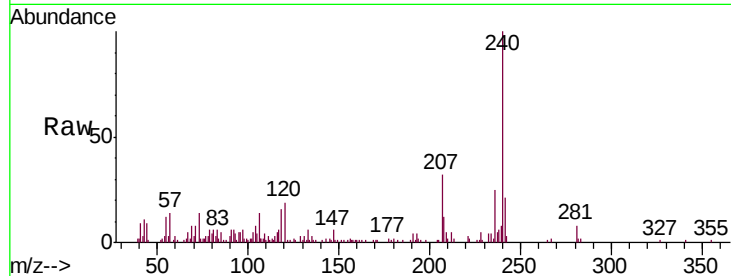
Lab File: BN003221.D

Acq: 19 Oct 2018 23:42

Instrument :
BNA_N
ClientSampleId :
C0AH0

Tgt Ion: 228 Resp: 1965

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.4	23.2
226	31.0	21.4	32.2



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.350 ng/ul

RT: 21.12 min Scan# 3083

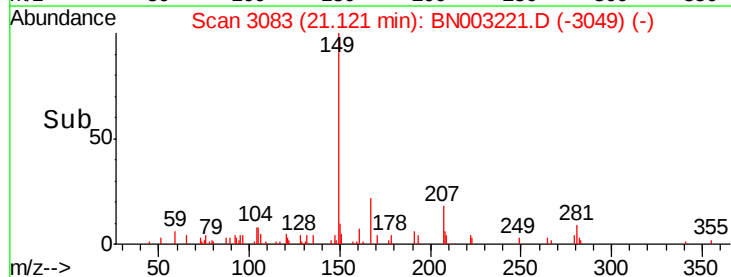
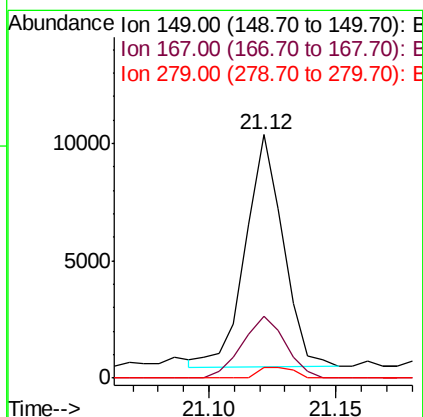
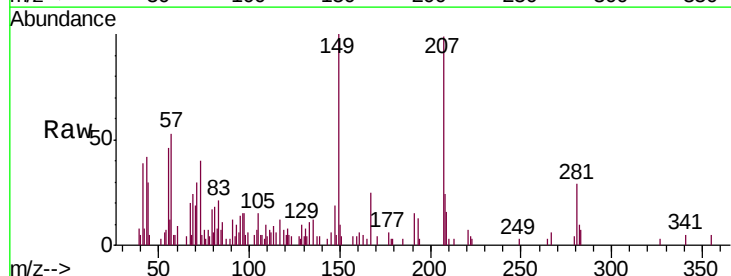
Delta R.T. -0.00 min

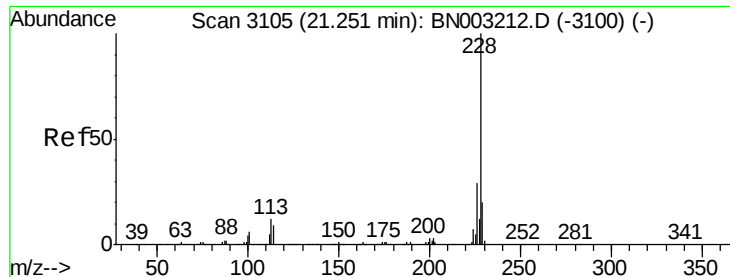
Lab File: BN003221.D

Acq: 19 Oct 2018 23:42

Tgt Ion: 149 Resp: 10245

Ion	Ratio	Lower	Upper
149	100		
167	25.3	22.4	33.6
279	4.2	3.7	5.5





#84

Chrysene

Concen: 0.044 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. -0.06 min

Lab File: BN003221.D

Acq: 19 Oct 2018 23:42

Instrument :

BNA_N

ClientSampleId :

C0AH0

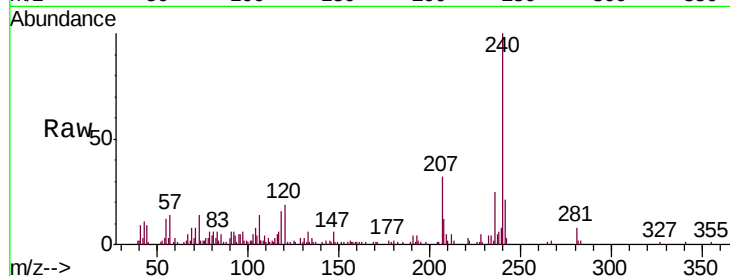
Tgt Ion:228 Resp: 1965

Ion Ratio Lower Upper

228 100

226 31.0 23.1 34.7

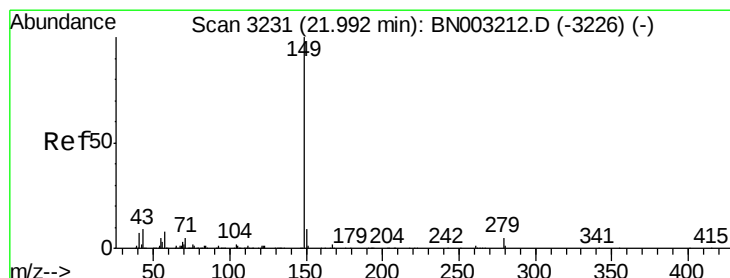
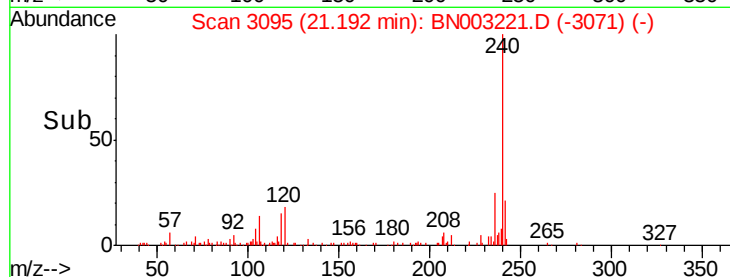
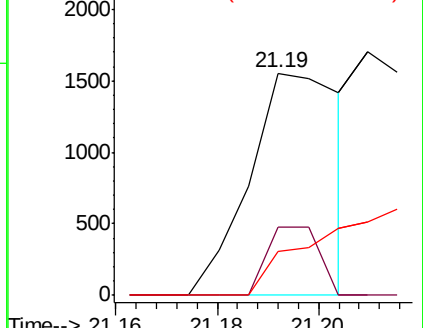
229 20.0 15.7 23.5



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: 0.037 ng/ul

RT: 21.99 min Scan# 3231

Delta R.T. -0.00 min

Lab File: BN003221.D

Acq: 19 Oct 2018 23:42

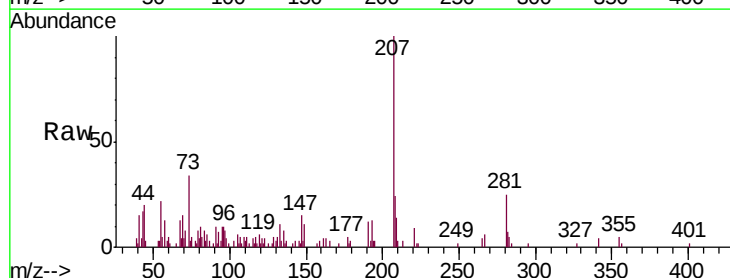
Tgt Ion:149 Resp: 1785

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

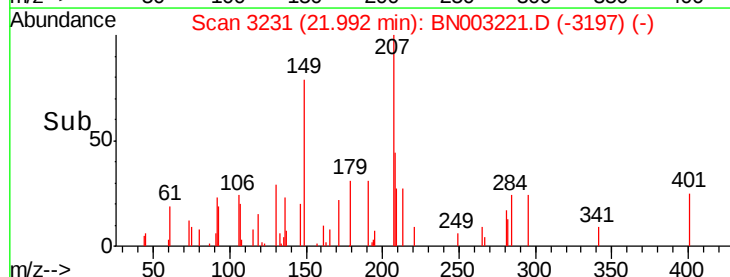
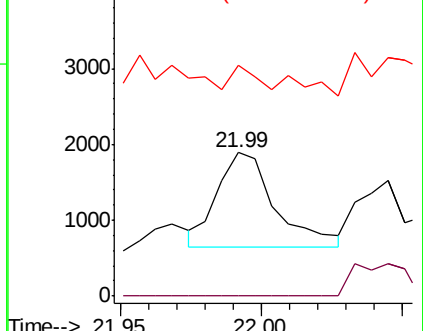
43 160.8 6.8 10.2#

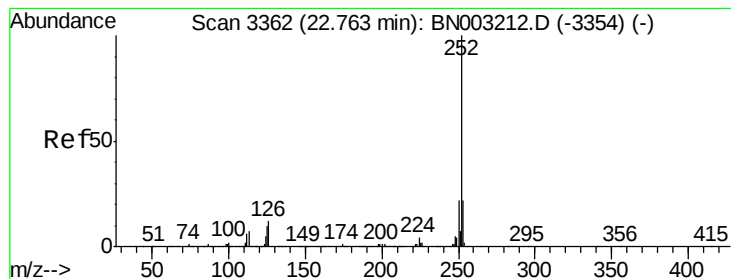


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC





#87

Benzo(b)fluoranthene

Concen: 0.076 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. 0.01 min

Lab File: BN003221.D

Acq: 19 Oct 2018 23:42

Instrument :

BNA_N

ClientSampleId :

COAH0

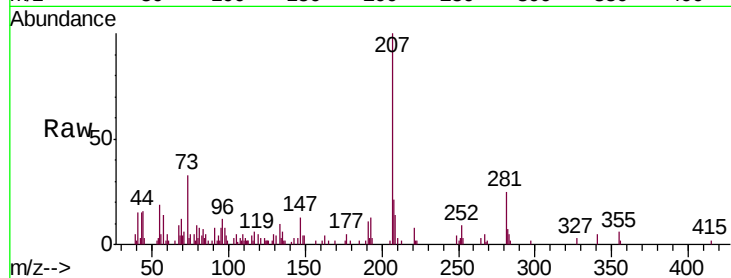
Tgt Ion:252 Resp: 3506

Ion Ratio Lower Upper

252 100

253 36.5 17.4 26.2#

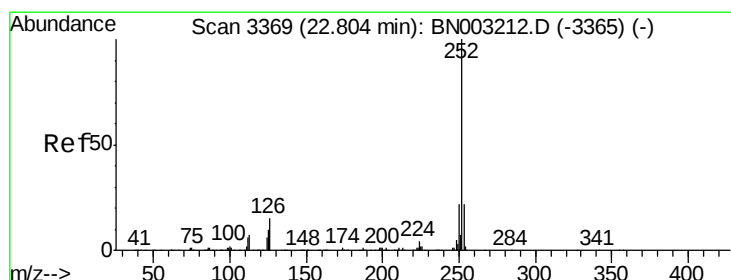
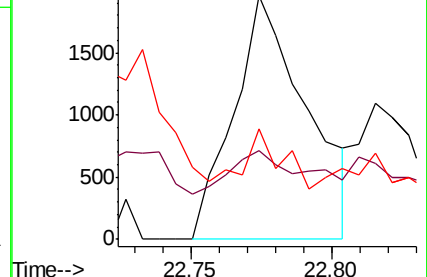
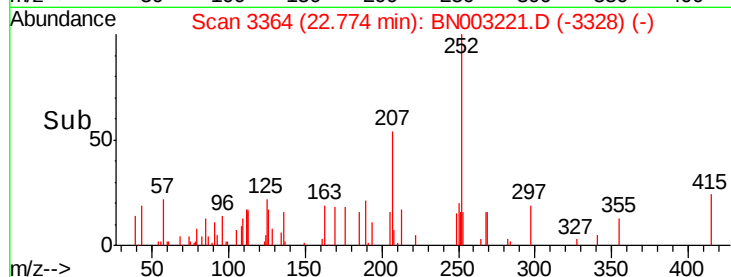
125 45.3 8.7 13.1#



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: 0.037 ng/ul

RT: 22.82 min Scan# 3371

Delta R.T. 0.01 min

Lab File: BN003221.D

Acq: 19 Oct 2018 23:42

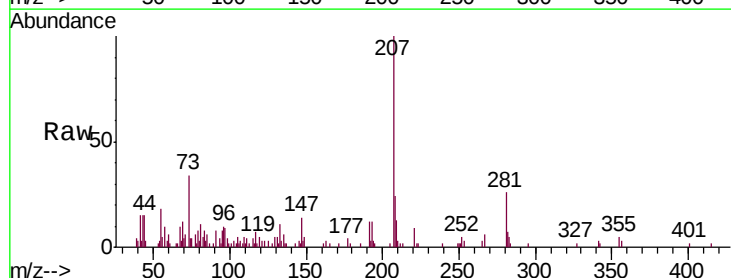
Tgt Ion:252 Resp: 1587

Ion Ratio Lower Upper

252 100

253 56.4 17.8 26.8#

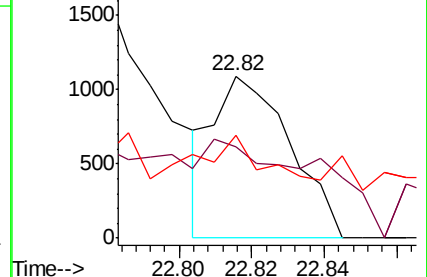
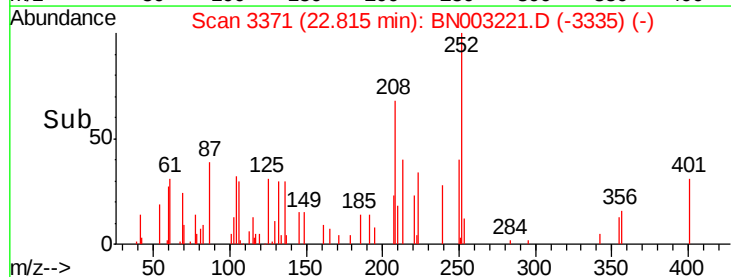
125 63.8 8.2 12.4#

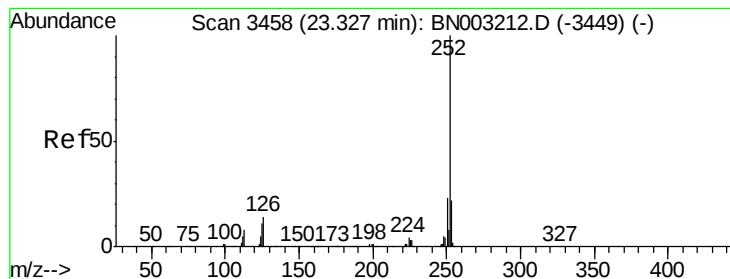


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.045 ng/ul

RT: 23.33 min Scan# 3458

Delta R.T. -0.00 min

Lab File: BN003221.D

Acq: 19 Oct 2018 23:42

Instrument :

BNA_N

ClientSampled :

C0AH0

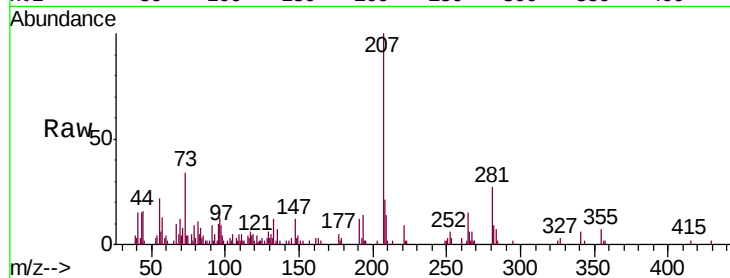
Tgt Ion:252 Resp: 1993

Ion Ratio Lower Upper

252 100

253 51.2 17.5 26.3#

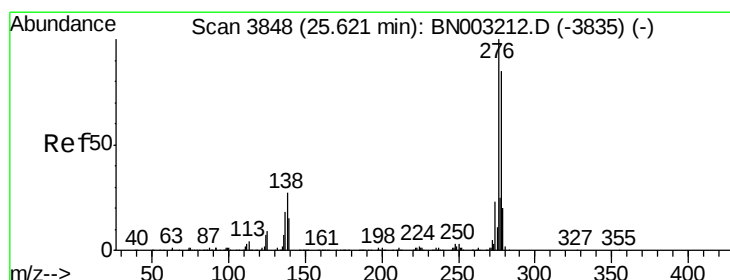
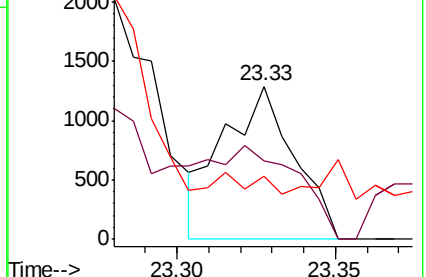
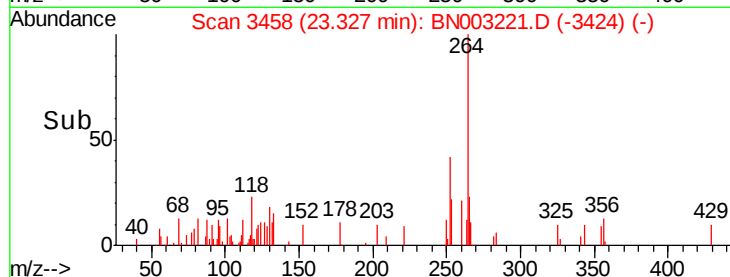
125 40.8 10.0 15.0#



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: 0.004 ng/ul

RT: 25.68 min Scan# 3858

Delta R.T. 0.06 min

Lab File: BN003221.D

Acq: 19 Oct 2018 23:42

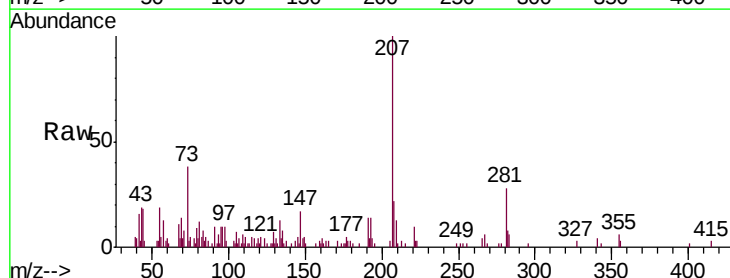
Tgt Ion:276 Resp: 235

Ion Ratio Lower Upper

276 100

138 0.0 21.2 31.8#

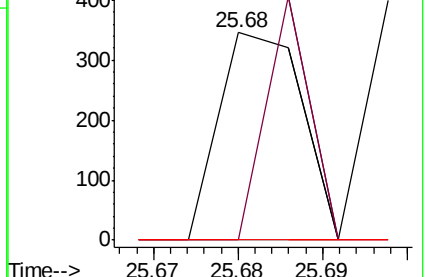
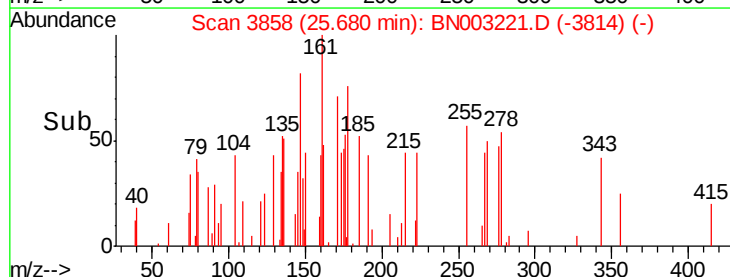
277 0.0 19.7 29.5#

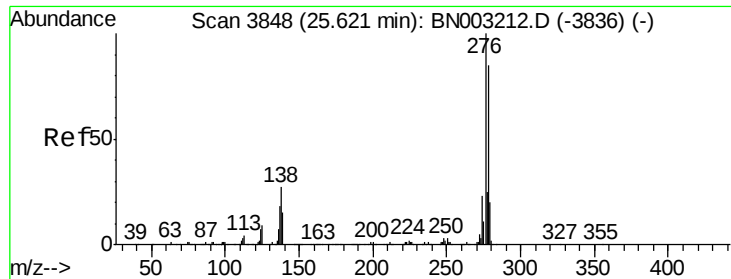


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 0.003 ng/ul

RT: 25.67 min Scan# 3856

Delta R.T. 0.05 min

Lab File: BN003221.D

Acq: 19 Oct 2018 23:42

Instrument :

BNA_N

ClientSampleId :

C0AH0

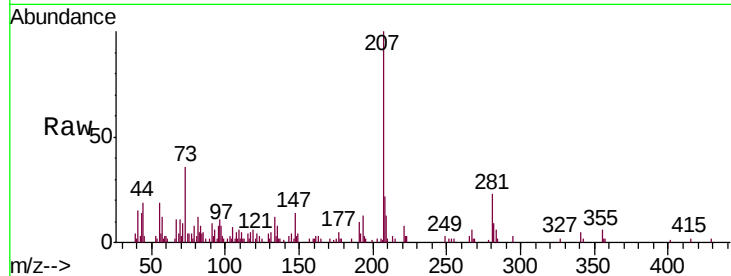
Tgt Ion:278 Resp: 112

Ion Ratio Lower Upper

278 100

139 98.7 13.8 20.8#

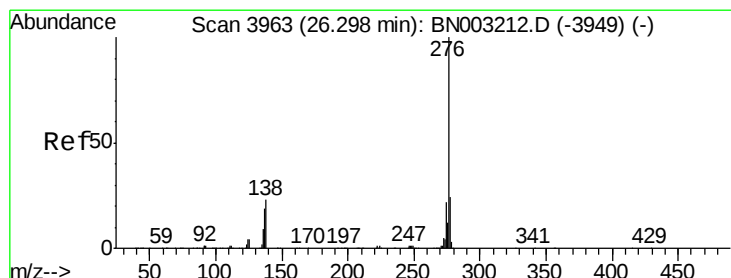
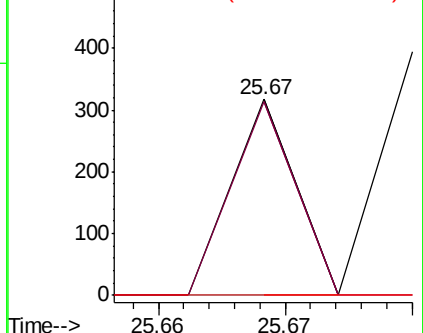
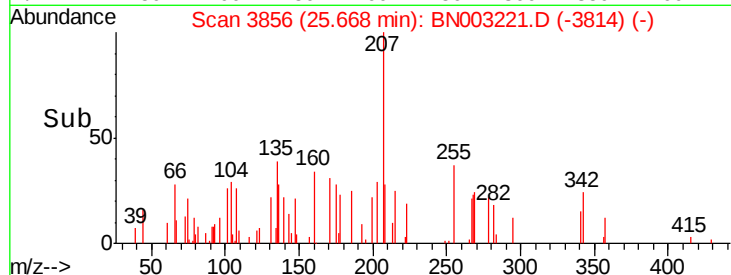
279 0.0 18.2 27.2#



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



#93

Benzo(g,h,i)perylene

Concen: 0.006 ng/ul

RT: 26.37 min Scan# 3975

Delta R.T. 0.07 min

Lab File: BN003221.D

Acq: 19 Oct 2018 23:42

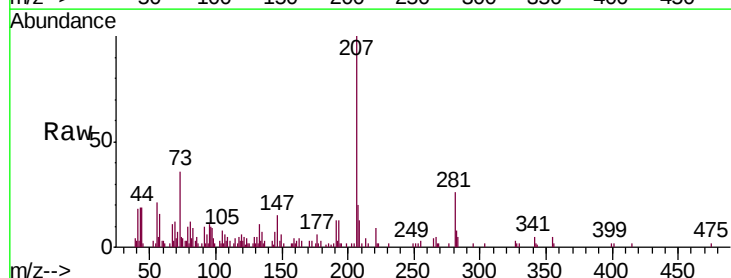
Tgt Ion:276 Resp: 264

Ion Ratio Lower Upper

276 100

138 0.0 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

