

Data File : BN003224.D
Acq On : 20 Oct 2018 01:27
Operator : MJ/SJ
Sample : J5567-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AJ3

Quant Time: Oct 20 05:09:35 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	103674	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	496350	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	304702	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	706993	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	773967	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	753958	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	7751	3.86	ng/uL	0.00
5) Phenol-d5	6.81	99	207119	21.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	128072	22.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	174585	22.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	180159	22.54	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	88782	23.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	106720	23.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	184468	22.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	194009	29.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	597067	22.99	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	770156	24.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	83526	23.35	ng/ul	0.02
57) Fluorene-d10	15.25	176	541154	23.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	93276	19.64	ng/ul	0.00
70) Anthracene-d10	17.10	188	828537	23.67	ng/ul	0.00
78) Pyrene-d10	19.41	212	928205	24.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	975310	23.93	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.07	88	232	0.100	ng/uL#	1
4) Benzaldehyde	6.83	77	976	0.574	ng/ul#	1
6) Phenol	6.83	94	70802	7.166	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.33	70	4009	0.650	ng/ul#	1
20) Nitrobenzene	8.77	77	184	0.021	ng/ul#	38
21) Isophorone	9.47	82	6899	0.395	ng/ul#	69
44) Dimethylphthalate	13.71	163	118347	4.663	ng/ul	98
45) 2,6-Dinitrotoluene	13.70	165	1276	0.251	ng/ul#	36
56) Diethylphthalate	15.09	149	909	0.036	ng/ul#	59
58) Fluorene	15.25	166	948	0.038	ng/ul#	1
64) N-Nitrosodiphenylamine	15.42	169	257	0.012	ng/ul#	17
69) Phenanthrene	17.05	178	467	0.012	ng/ul#	61
71) Anthracene	17.05	178	467	0.011	ng/ul#	61
75) Di-n-butylphthalate	17.97	149	2622	0.060	ng/ul#	79
76) Fluoranthene	19.07	202	3447	0.074	ng/ul#	1
79) Pyrene	19.44	202	2350	0.050	ng/ul#	65
80) Butylbenzylphthalate	20.35	149	408	0.020	ng/ul#	1
82) Benzo(a)anthracene	21.20	228	5684	0.117	ng/ul#	89
83) Bis(2-ethylhexyl)phthalate	21.12	149	8845	0.294	ng/ul#	99
84) Chrysene	21.25	228	1533	0.034	ng/ul#	92
86) Di-n-octyl phthalate	21.99	149	115	0.002	ng/ul#	1
87) Benzo(b)fluoranthene	22.77	252	7263	0.159	ng/ul#	67
88) Benzo(k)fluoranthene	22.82	252	1426	0.033	ng/ul#	40

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)
90) Benzo(a)pyrene	23.33	252	2255	0.052	ng/ul#	5
93) Benzo(g,h,i)perylene	26.38	276	240	0.005	ng/ul#	52

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

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Sample : J5567-15

Misc

ALS Vial : 20 Sample Multiplier: 1

Instrument :

BNA N

ClientSampleId :

C0AJ3

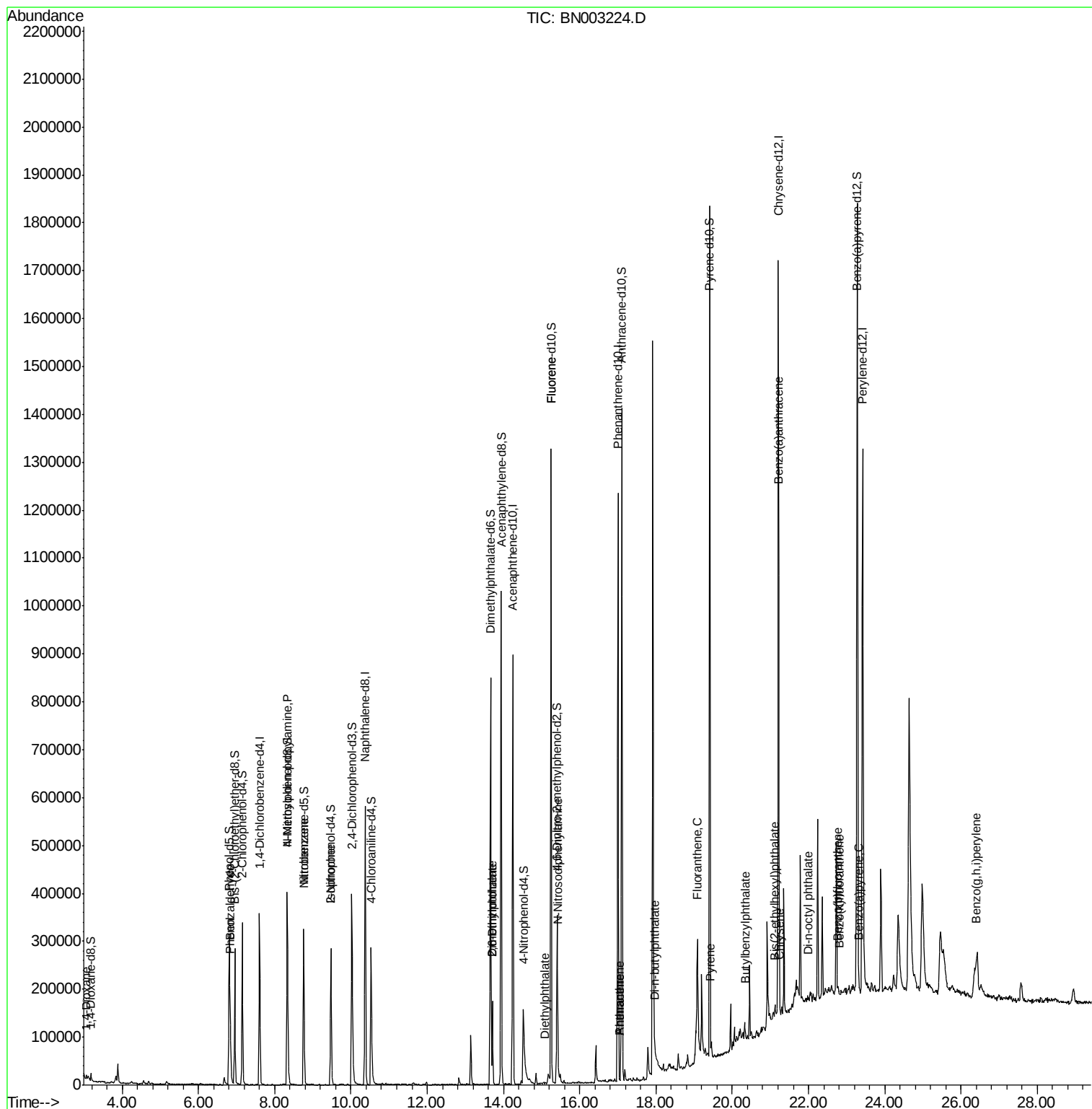
Quant Time: Oct 20 05:09:35 2018

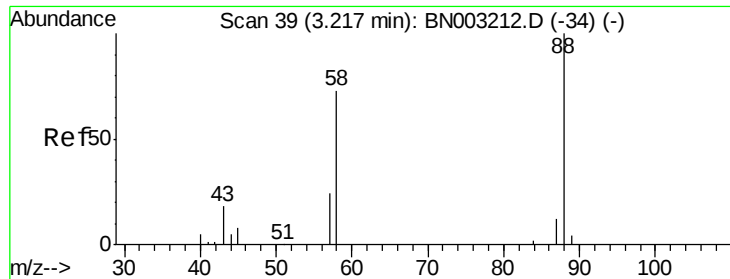
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Oct 20 05:04:06 2018

Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 0.100 ng/uL

RT: 3.07 min Scan# 14

Delta R.T. -0.15 min

Lab File: BN003224.D

Acq: 20 Oct 2018 01:27

Instrument :

BNA_N

ClientSampled :

C0AJ3

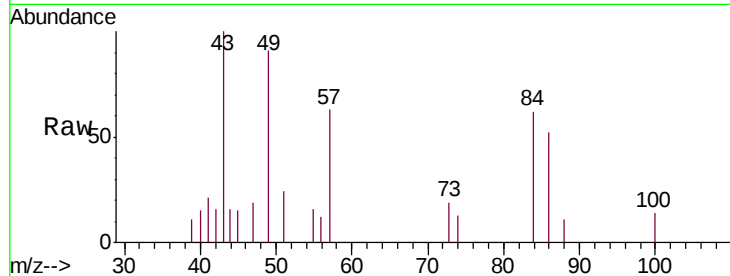
Tgt Ion: 88 Resp: 232

Ion Ratio Lower Upper

88 100

43 1950.9 23.3 34.9#

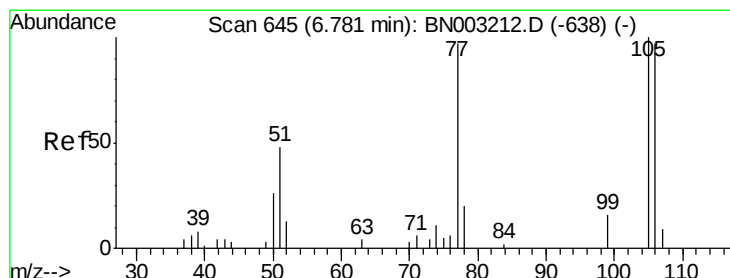
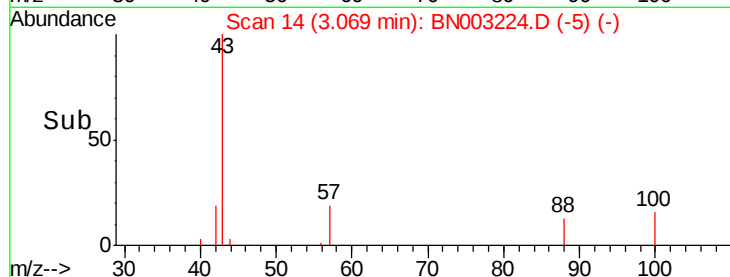
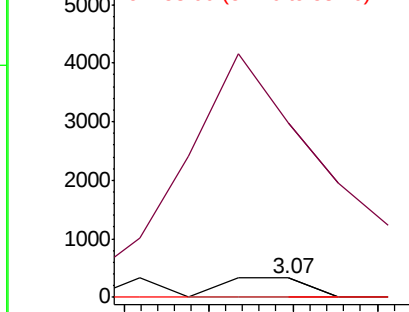
58 0.0 64.4 96.6#



Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 43.00 (42.70 to 43.70): BNC

Ion 58.00 (57.70 to 58.70): BNC



#4

Benzaldehyde

Concen: 0.574 ng/uL

RT: 6.83 min Scan# 653

Delta R.T. 0.05 min

Lab File: BN003224.D

Acq: 20 Oct 2018 01:27

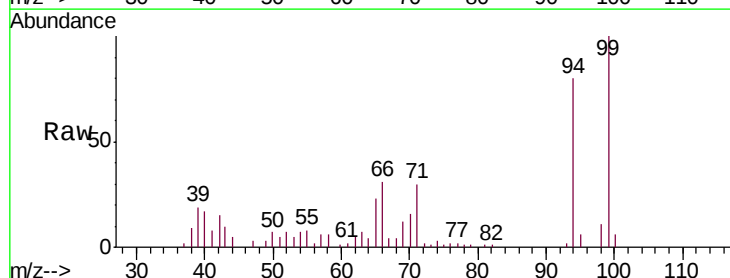
Tgt Ion: 77 Resp: 976

Ion Ratio Lower Upper

77 100

105 0.0 73.8 110.8#

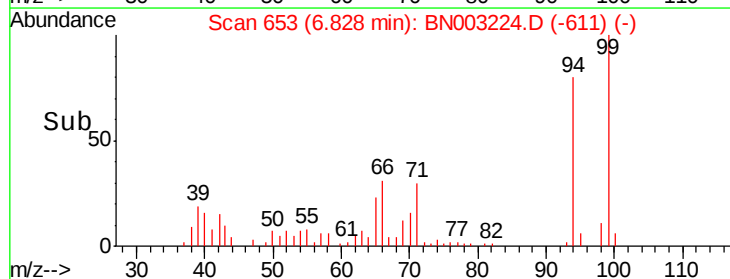
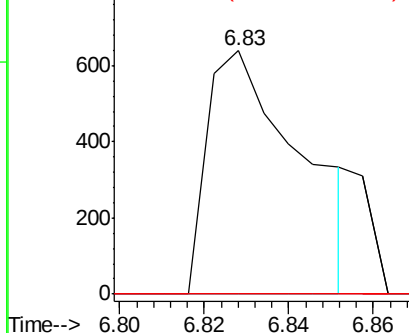
106 0.0 84.2 126.2#

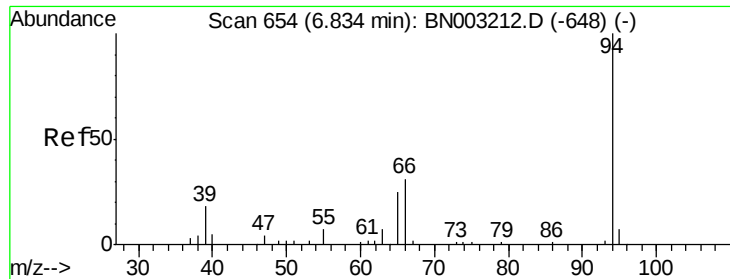


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 106.00 (105.70 to 106.70): BNC





#6

Phenol

Concen: 7.166 ng/ul

RT: 6.83 min Scan# 654

Delta R.T. -0.00 min

Lab File: BN003224.D

Acq: 20 Oct 2018 01:27

Instrument :

BNA_N

ClientSampleId :

C0AJ3

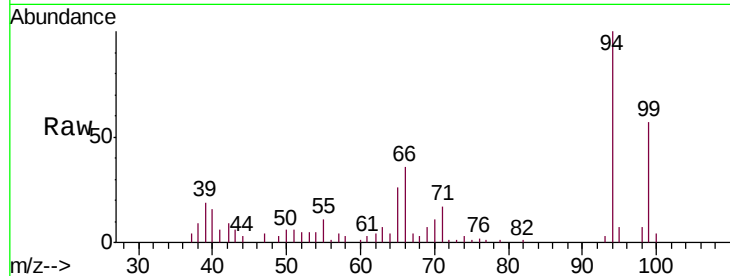
Tgt Ion: 94 Resp: 70802

Ion Ratio Lower Upper

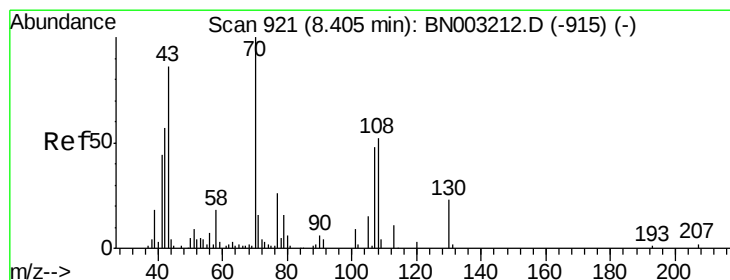
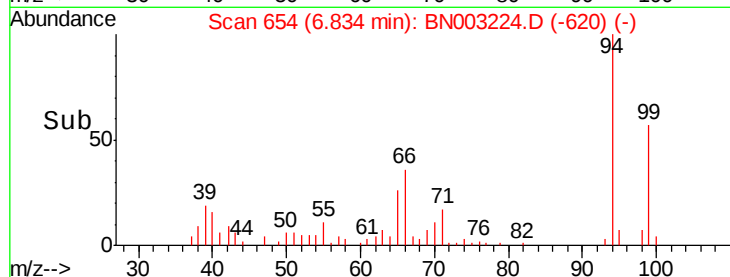
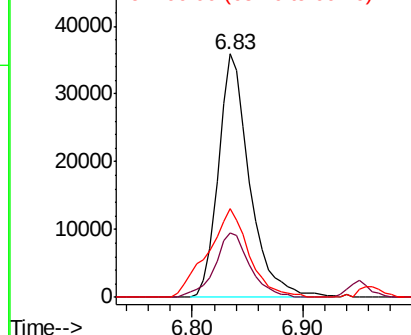
94 100

65 26.4 21.2 31.8

66 36.5 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



#15

N-Nitroso-di-n-propylamine

Concen: 0.650 ng/ul

RT: 8.33 min Scan# 909

Delta R.T. -0.07 min

Lab File: BN003224.D

Acq: 20 Oct 2018 01:27

Tgt Ion: 70 Resp: 4009

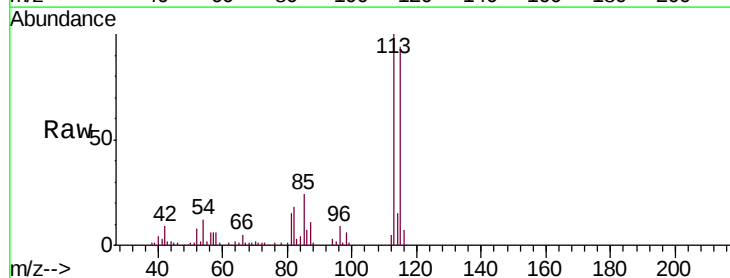
Ion Ratio Lower Upper

70 100

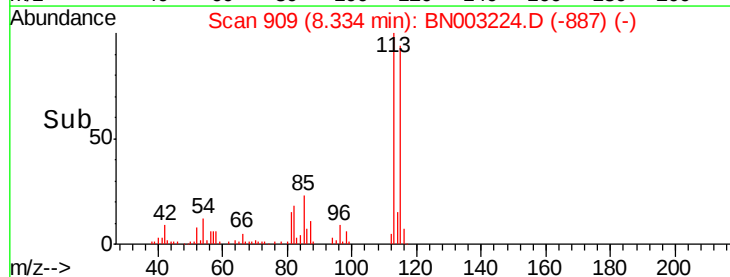
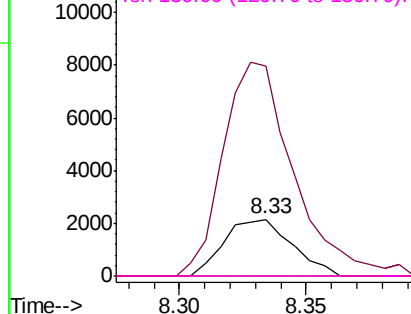
42 370.2 44.5 66.7#

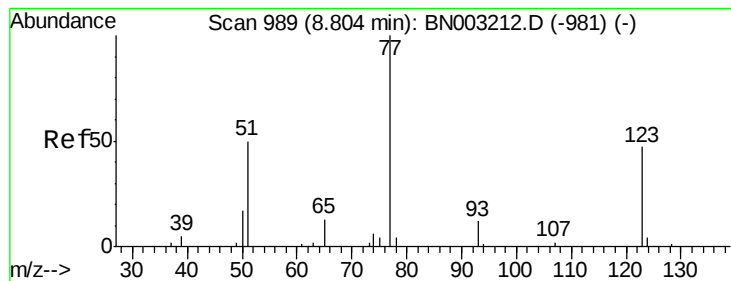
101 0.0 7.9 11.9#

130 0.0 18.7 28.1#



Abundance Ion 70.00 (69.70 to 70.70): 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





#20

Nitrobenzene

Concen: 0.021 ng/ul

RT: 8.77 min Scan# 983

Delta R.T. -0.04 min

Lab File: BN003224.D

Acq: 20 Oct 2018 01:27

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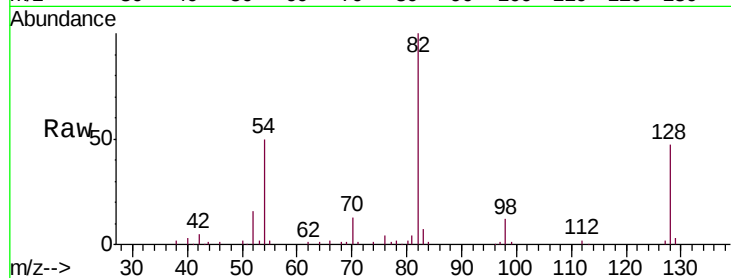
Tgt Ion: 77 Resp: 184

Ion Ratio Lower Upper

77 100

123 0.0 36.9 55.3#

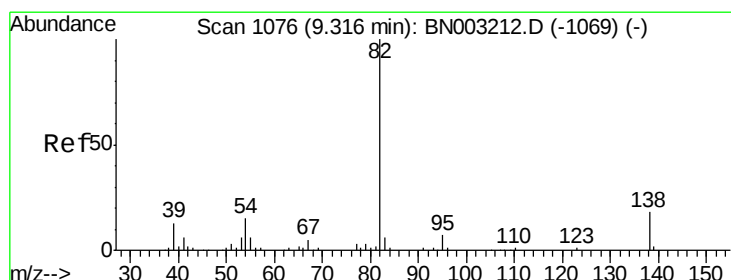
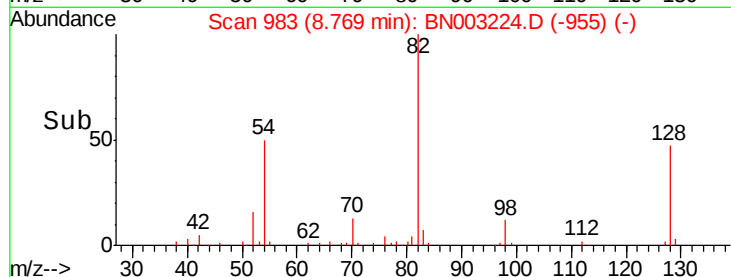
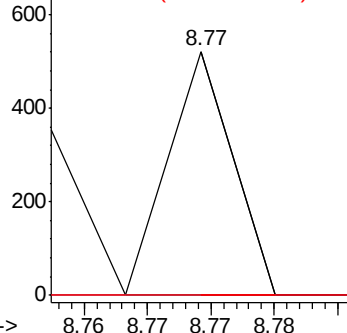
65 0.0 10.2 15.4#



Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): BNC

Ion 65.00 (64.70 to 65.70): BNC



#21

Isophorone

Concen: 0.395 ng/ul

RT: 9.47 min Scan# 1103

Delta R.T. 0.16 min

Lab File: BN003224.D

Acq: 20 Oct 2018 01:27

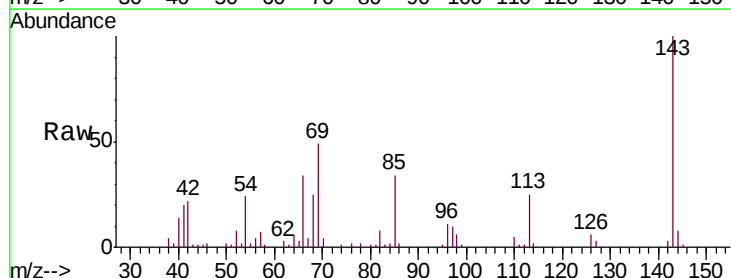
Tgt Ion: 82 Resp: 6899

Ion Ratio Lower Upper

82 100

95 7.9 5.3 7.9

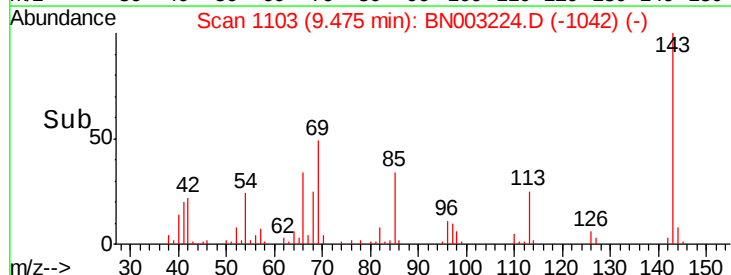
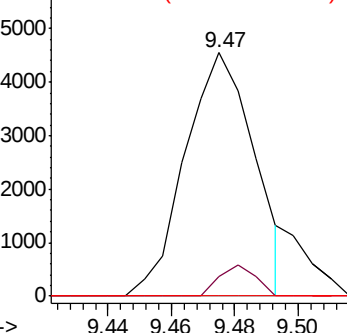
138 0.0 14.5 21.7#

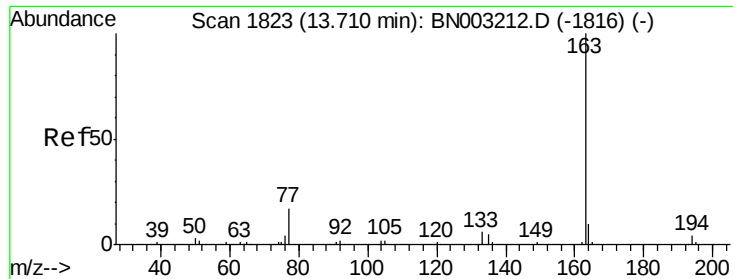


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 138.00 (137.70 to 138.70): BNC

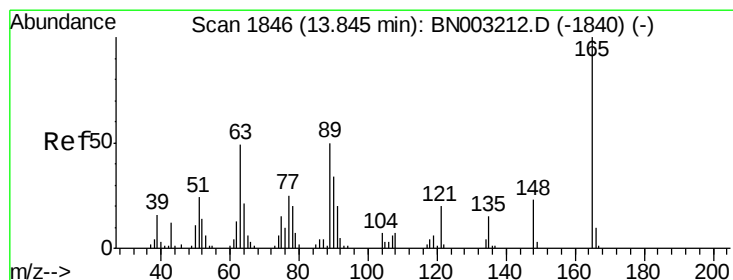
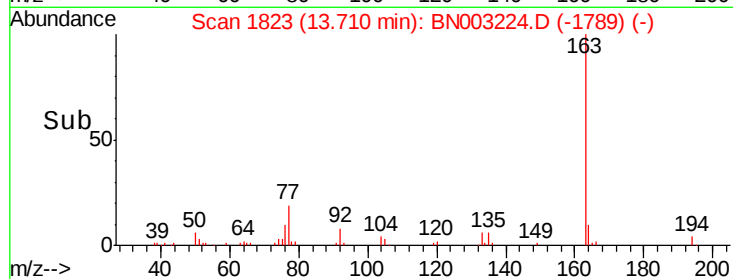
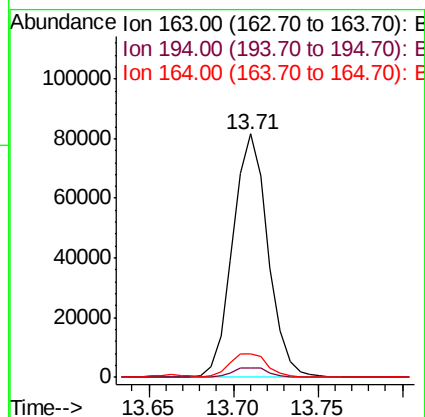
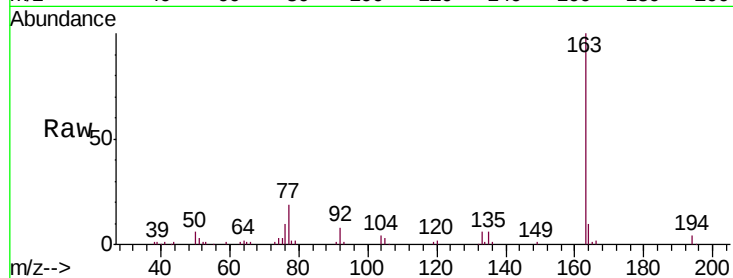




#44
Dimethylphthalate
Concen: 4.663 ng/ul
RT: 13.71 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BN003224.D
Acq: 20 Oct 2018 01:27

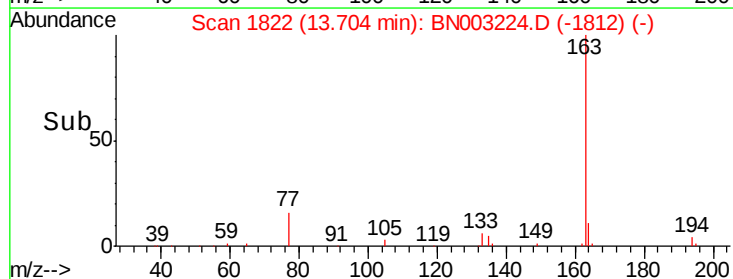
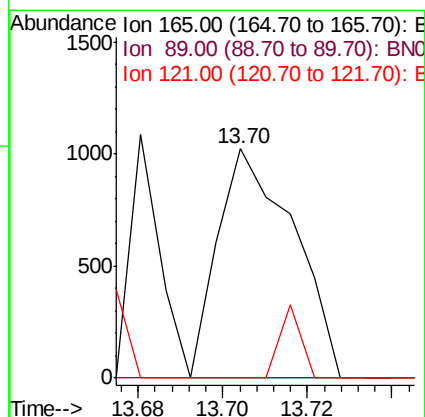
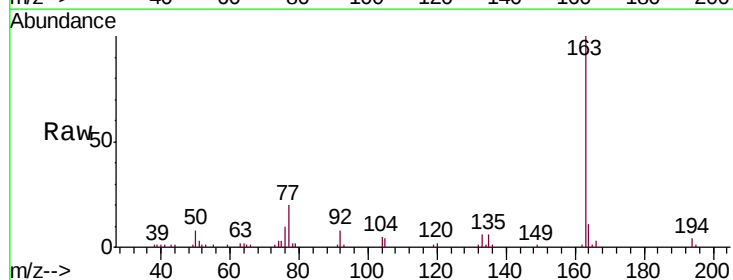
Instrument :
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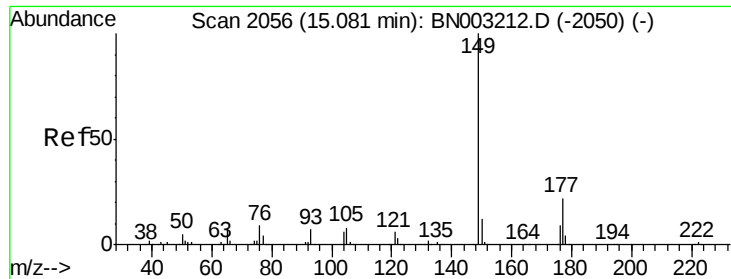
Tgt Ion:163 Resp: 118347
Ion Ratio Lower Upper
163 100
194 4.0 3.7 5.5
164 9.5 8.3 12.5



#45
2,6-Dinitrotoluene
Concen: 0.251 ng/ul
RT: 13.70 min Scan# 1822
Delta R.T. -0.14 min
Lab File: BN003224.D
Acq: 20 Oct 2018 01:27

Tgt Ion:165 Resp: 1276
Ion Ratio Lower Upper
165 100
89 0.0 40.3 60.5#
121 0.0 15.7 23.5#

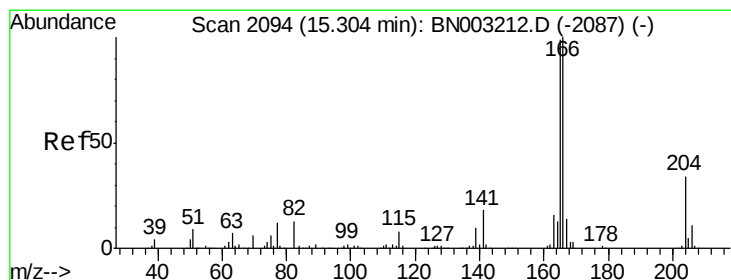
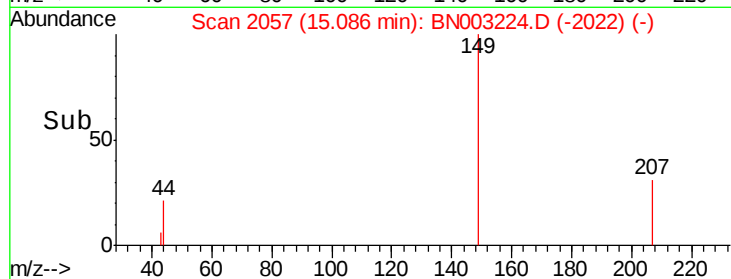
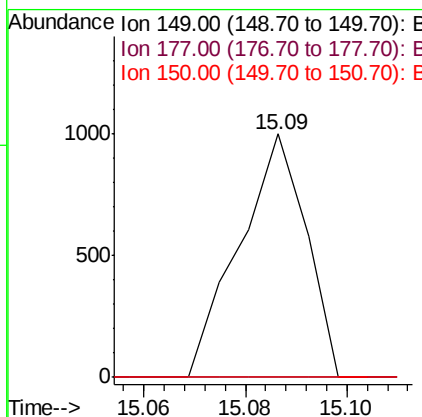
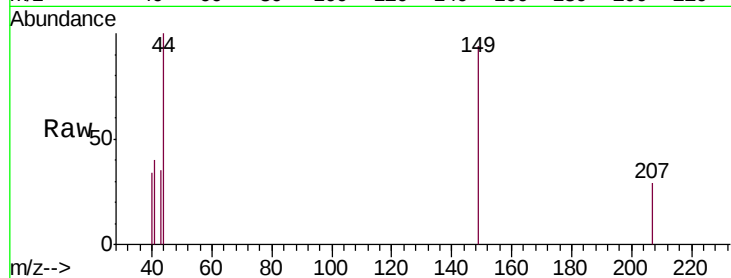




#56
Diethylphthalate
Concen: 0.036 ng/ul
RT: 15.09 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BN003224.D
Acq: 20 Oct 2018 01:27

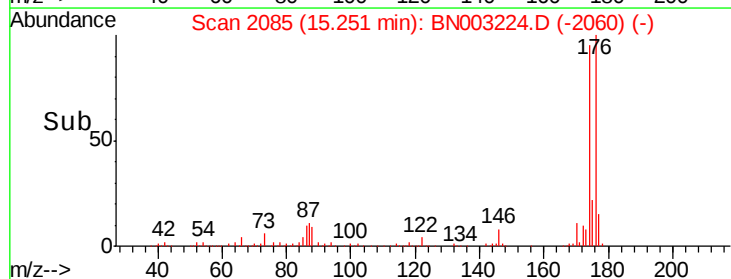
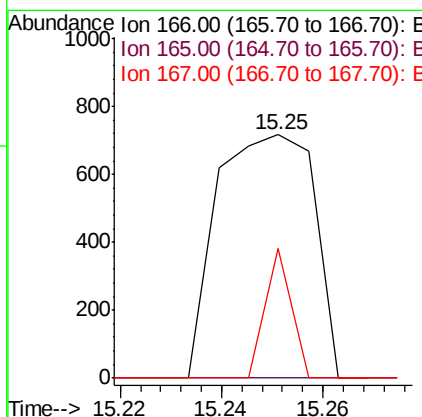
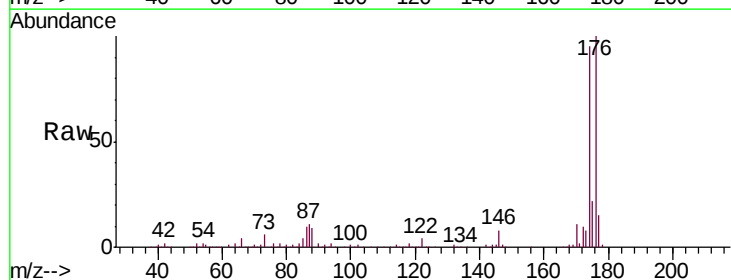
Instrument :
BNA_N
ClientSampled :
C0AJ3

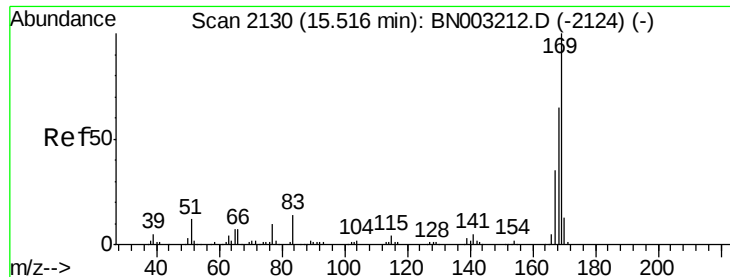
Tgt Ion:149 Resp: 909
Ion Ratio Lower Upper
149 100
177 0.0 17.3 25.9#
150 0.0 10.2 15.4#



#58
Fluorene
Concen: 0.038 ng/ul
RT: 15.25 min Scan# 2085
Delta R.T. -0.05 min
Lab File: BN003224.D
Acq: 20 Oct 2018 01:27

Tgt Ion:166 Resp: 948
Ion Ratio Lower Upper
166 100
165 0.0 78.7 118.1#
167 53.3 10.2 15.2#



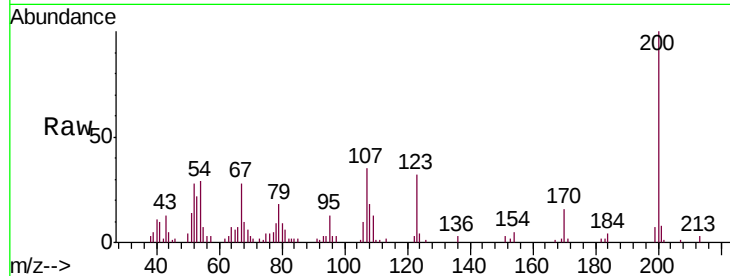


#64

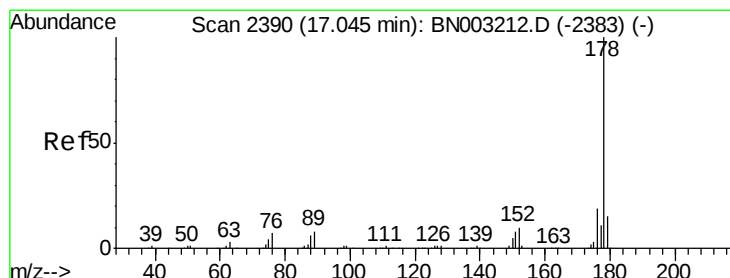
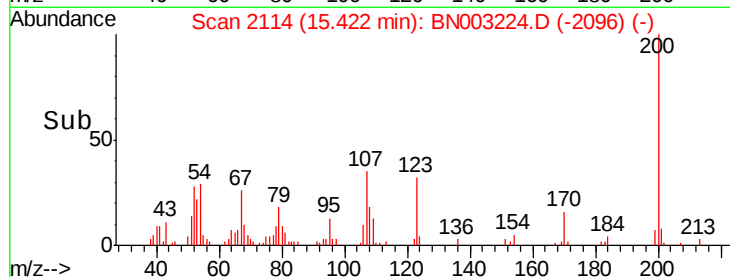
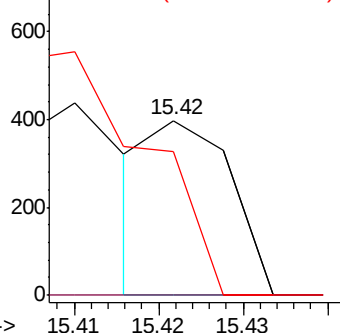
N-Nitrosodiphenylamine
 Concen: 0.012 ng/ul
 RT: 15.42 min Scan# 2114
 Delta R.T. -0.09 min
 Lab File: BN003224.D
 Acq: 20 Oct 2018 01:27

Instrument :
 BNA_N
 ClientSampleId :
 C0AJ3

Tgt Ion:169 Resp: 257
 Ion Ratio Lower Upper
 169 100
 168 0.0 53.1 79.7#
 167 81.9 27.4 41.0#



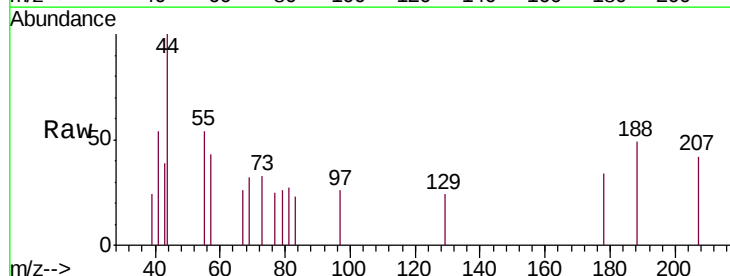
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



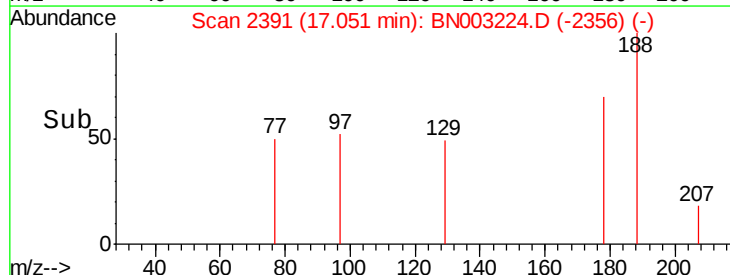
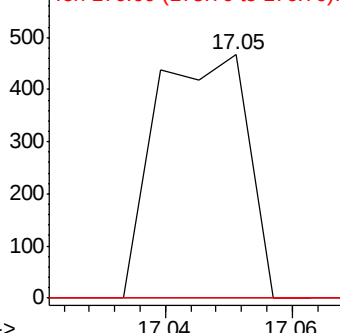
#69

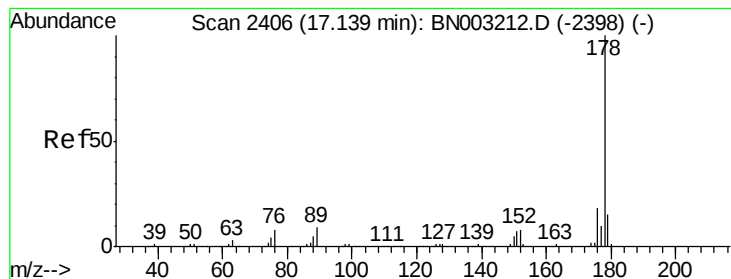
Phenanthrene
 Concen: 0.012 ng/ul
 RT: 17.05 min Scan# 2391
 Delta R.T. 0.01 min
 Lab File: BN003224.D
 Acq: 20 Oct 2018 01:27

Tgt Ion:178 Resp: 467
 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: 0.011 ng/ul

RT: 17.05 min Scan# 2391

Delta R.T. -0.09 min

Lab File: BN003224.D

Acq: 20 Oct 2018 01:27

Instrument :

BNA_N

ClientSampleId :

C0AJ3

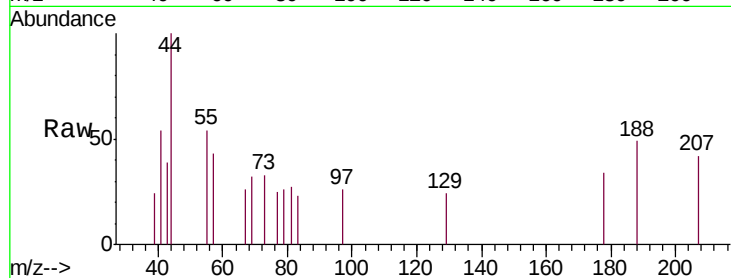
Tgt Ion:178 Resp: 467

Ion Ratio Lower Upper

178 100

179 0.0 12.2 18.4#

176 0.0 14.9 22.3#



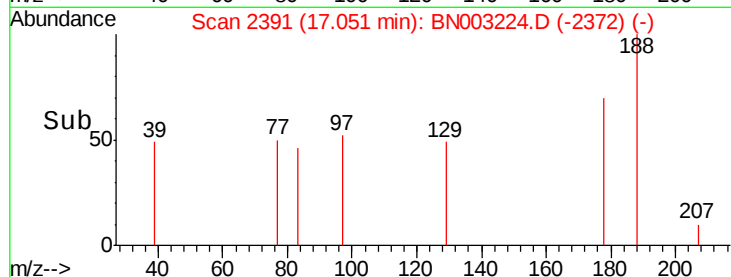
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

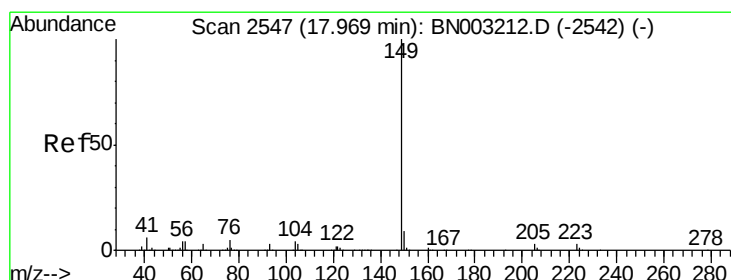
Ion 176.00 (175.70 to 176.70): E

17.05

17.04 17.06



Time-->



#75

Di-n-butylphthalate

Concen: 0.060 ng/ul

RT: 17.97 min Scan# 2548

Delta R.T. 0.01 min

Lab File: BN003224.D

Acq: 20 Oct 2018 01:27

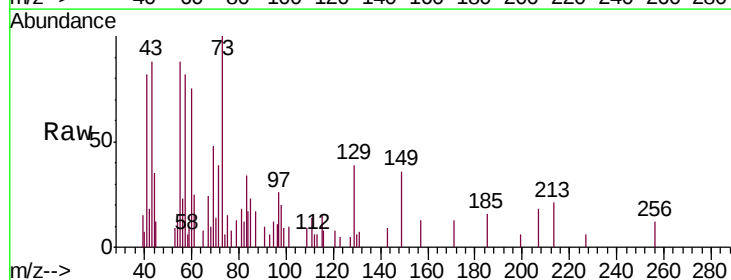
Tgt Ion:149 Resp: 2622

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

104 0.0 3.6 5.4#



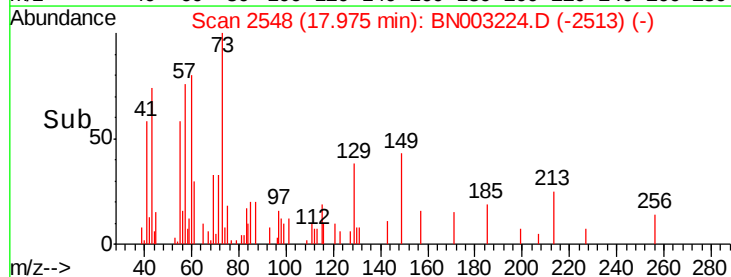
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

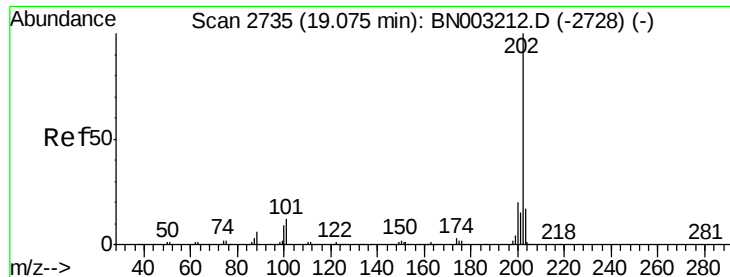
Ion 104.00 (103.70 to 104.70): E

17.97

17.95 18.00



Time-->



#76

Fluoranthene

Concen: 0.074 ng/ul

RT: 19.07 min Scan# 2735

Delta R.T. -0.00 min

Lab File: BN003224.D

Acq: 20 Oct 2018 01:27

Instrument :

BNA_N

ClientSampleId :

C0AJ3

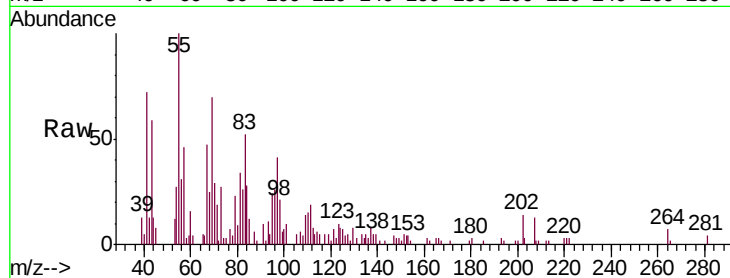
Tgt Ion:202 Resp: 3447

Ion Ratio Lower Upper

202 100

101 70.5 9.4 14.2#

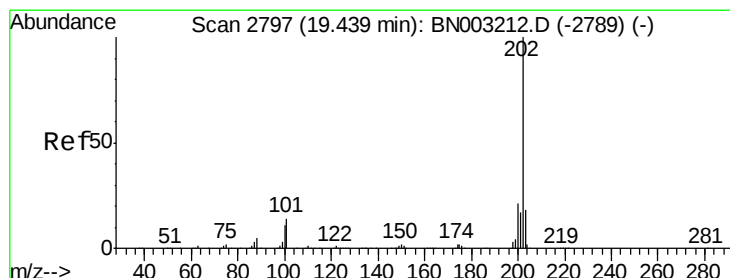
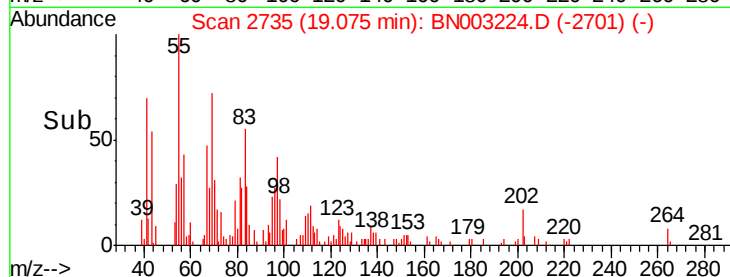
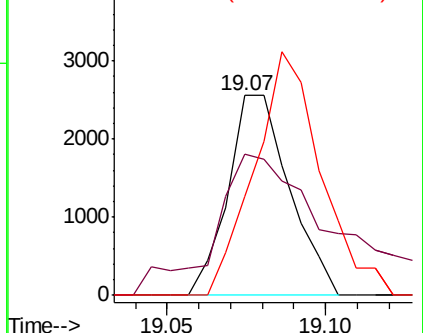
100 49.7 7.2 10.8#



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: 0.050 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BN003224.D

Acq: 20 Oct 2018 01:27

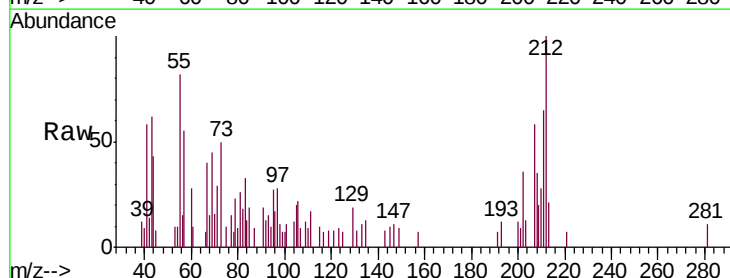
Tgt Ion:202 Resp: 2350

Ion Ratio Lower Upper

202 100

101 31.0 10.8 16.2#

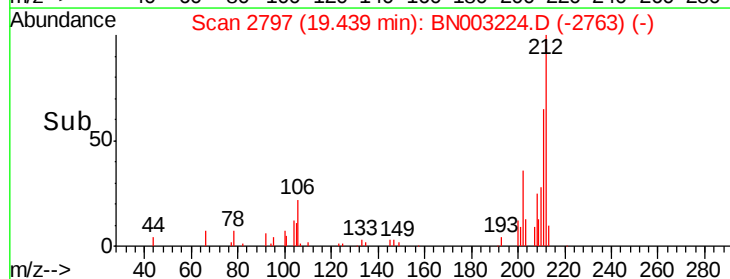
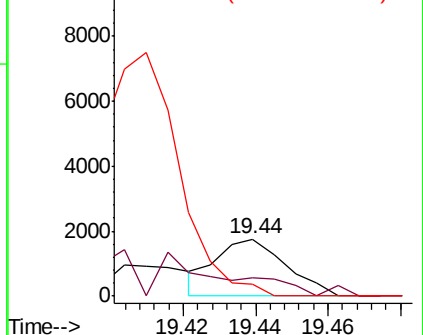
100 20.4 8.6 13.0#

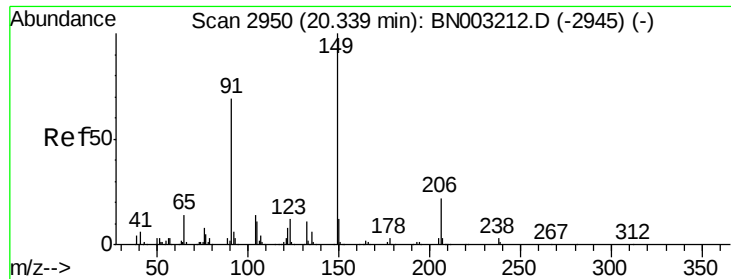


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

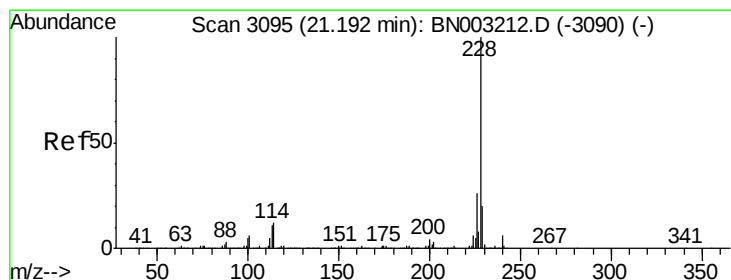
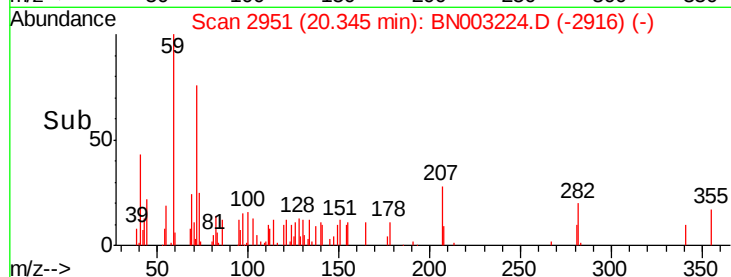
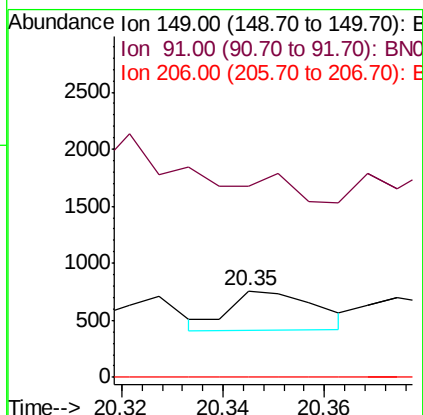
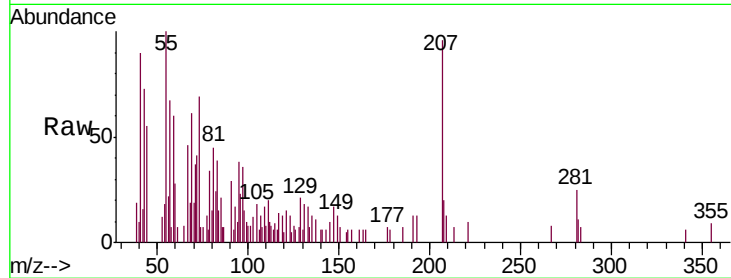




#80
Butylbenzylphthalate
Concen: 0.020 ng/ul
RT: 20.35 min Scan# 2951
Delta R.T. 0.01 min
Lab File: BN003224.D
Acq: 20 Oct 2018 01:27

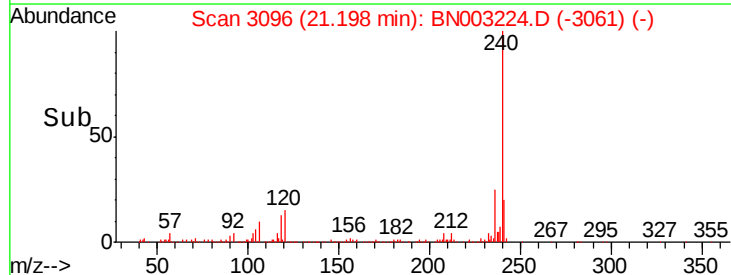
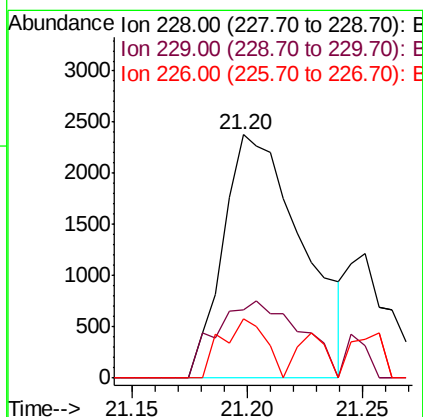
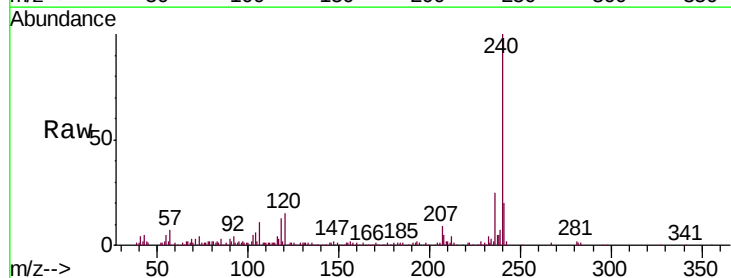
Instrument :
BNA_N
ClientSampled :
C0AJ3

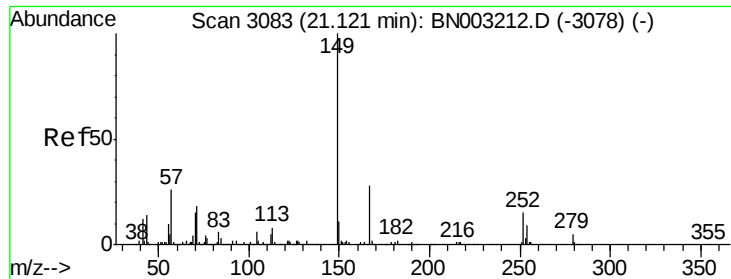
Tgt Ion:149 Resp: 408
Ion Ratio Lower Upper
149 100
91 221.2 53.5 80.3#
206 0.0 17.0 25.4#



#82
Benzo(a)anthracene
Concen: 0.117 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BN003224.D
Acq: 20 Oct 2018 01:27

Tgt Ion:228 Resp: 5684
Ion Ratio Lower Upper
228 100
229 28.0 15.4 23.2#
226 24.3 21.4 32.2

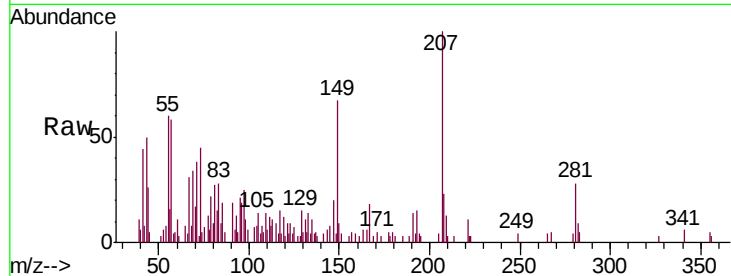




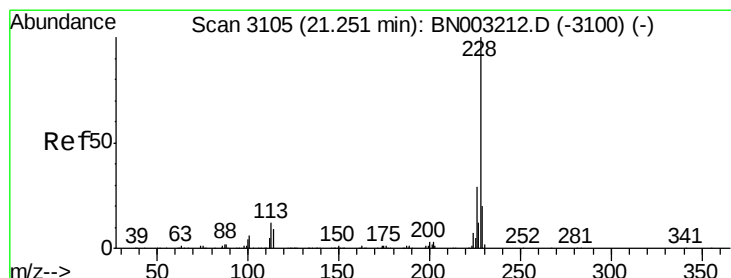
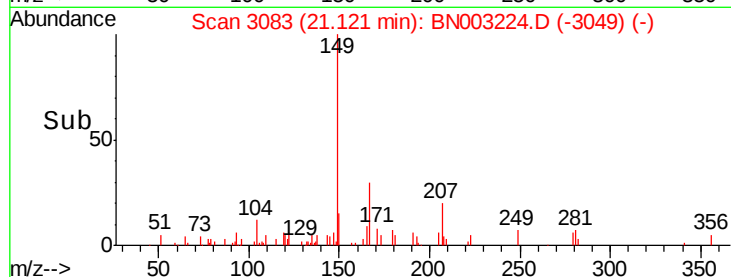
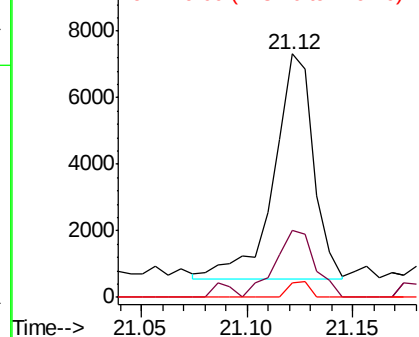
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.294 ng/ul
 RT: 21.12 min Scan# 3083
 Delta R.T. -0.00 min
 Lab File: BN003224.D
 Acq: 20 Oct 2018 01:27

Instrument :
 BNA_N
 ClientSampleId :
 C0AJ3

Tgt Ion:149 Resp: 8845
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.4 33.6
 279 5.7 3.7 5.5#

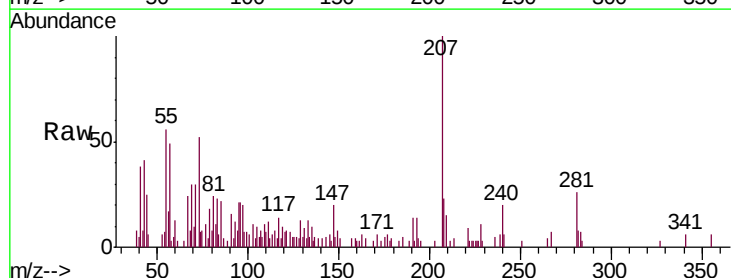


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

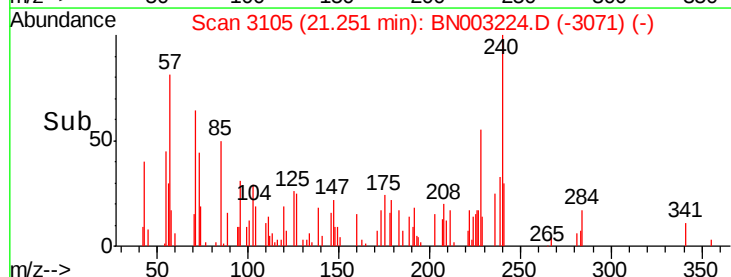
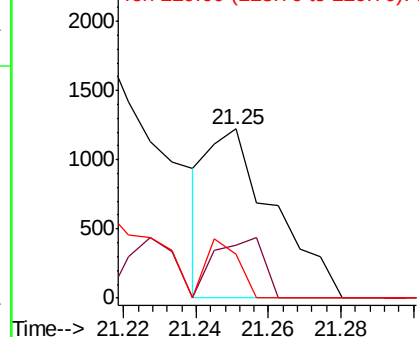


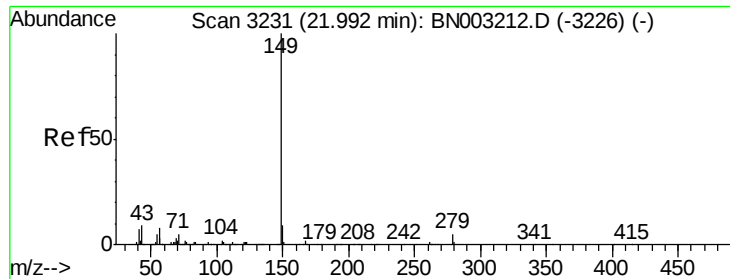
#84
 Chrysene
 Concen: 0.034 ng/ul
 RT: 21.25 min Scan# 3105
 Delta R.T. -0.00 min
 Lab File: BN003224.D
 Acq: 20 Oct 2018 01:27

Tgt Ion:228 Resp: 1533
 Ion Ratio Lower Upper
 228 100
 226 31.1 23.1 34.7
 229 26.4 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

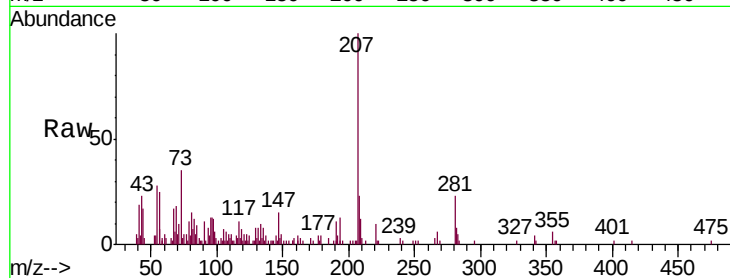




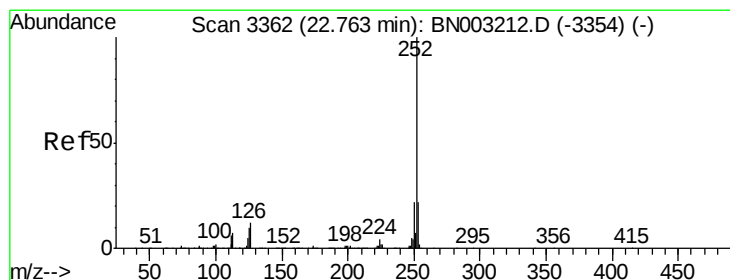
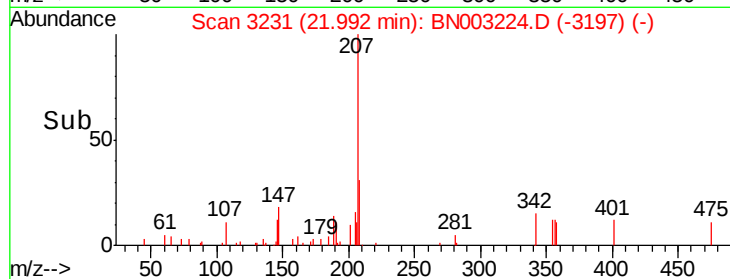
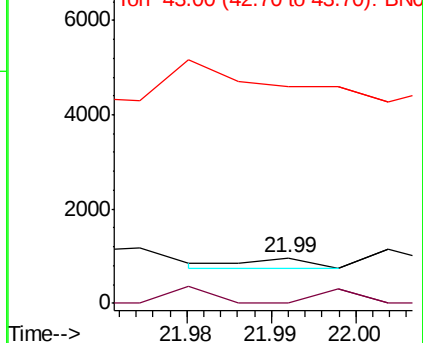
#86
Di-n-octyl phthalate
Concen: 0.002 ng/ul
RT: 21.99 min Scan# 3231
Delta R.T. -0.00 min
Lab File: BN003224.D
Acq: 20 Oct 2018 01:27

Instrument :
BNA_N
ClientSampleId :
C0AJ3

Tgt Ion:149 Resp: 115
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 474.5 6.8 10.2#

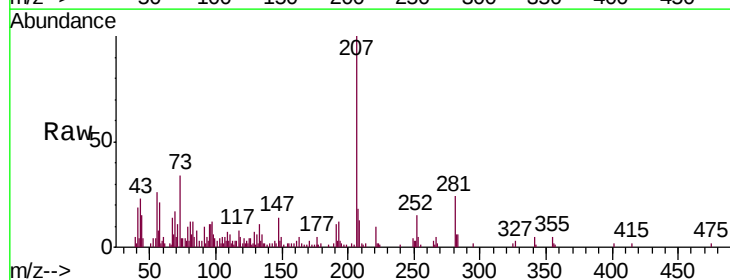


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BNC

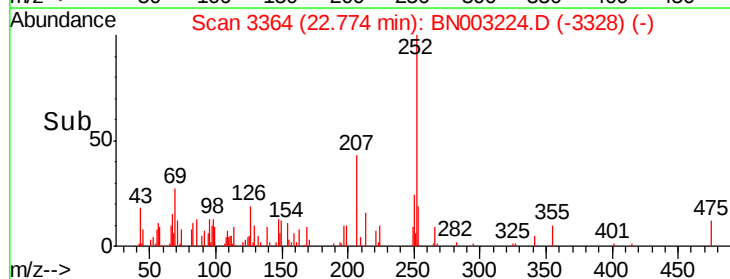
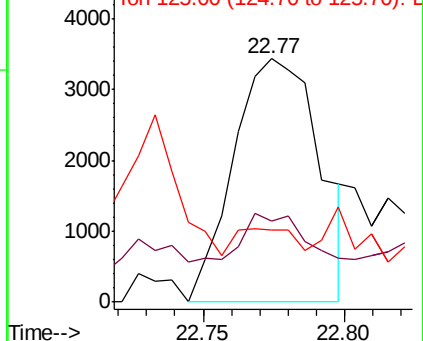


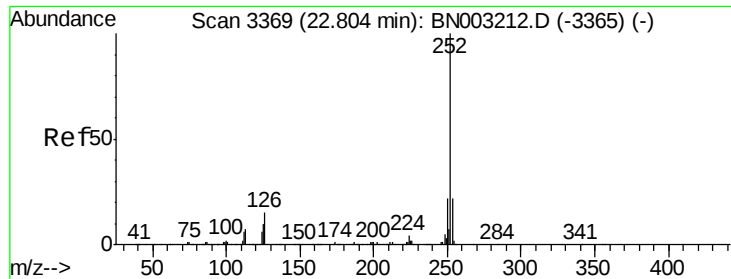
#87
Benzo(b)fluoranthene
Concen: 0.159 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BN003224.D
Acq: 20 Oct 2018 01:27

Tgt Ion:252 Resp: 7263
Ion Ratio Lower Upper
252 100
253 33.2 17.4 26.2#
125 29.8 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: 0.033 ng/ul

RT: 22.82 min Scan# 3371

Delta R.T. 0.01 min

Lab File: BN003224.D

Acq: 20 Oct 2018 01:27

Instrument :

BNA_N

ClientSampleId :

C0AJ3

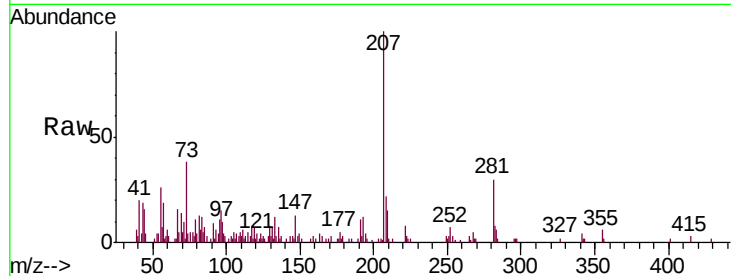
Tgt Ion:252 Resp: 1426

Ion Ratio Lower Upper

252 100

253 48.0 17.8 26.8#

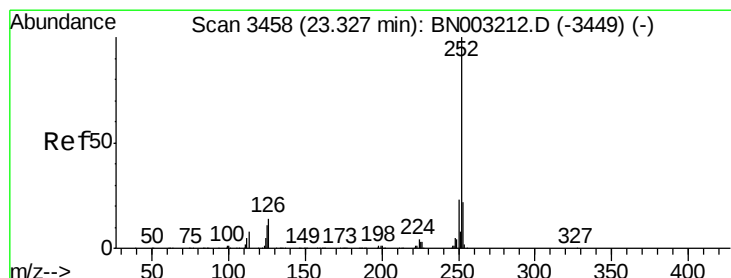
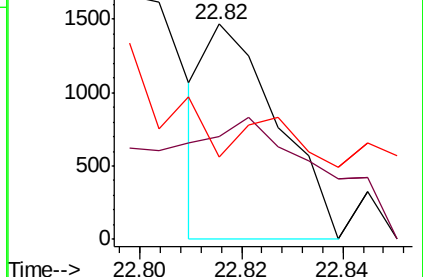
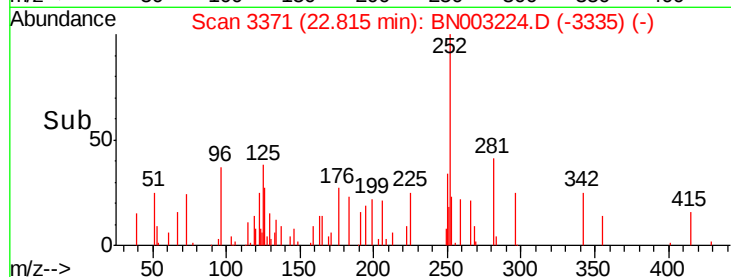
125 38.4 8.2 12.4#



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: 0.052 ng/ul

RT: 23.33 min Scan# 3458

Delta R.T. -0.00 min

Lab File: BN003224.D

Acq: 20 Oct 2018 01:27

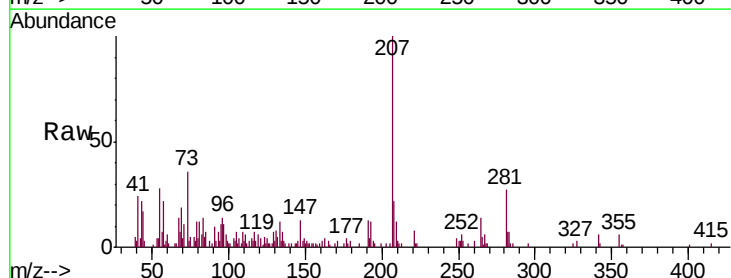
Tgt Ion:252 Resp: 2255

Ion Ratio Lower Upper

252 100

253 53.8 17.5 26.3#

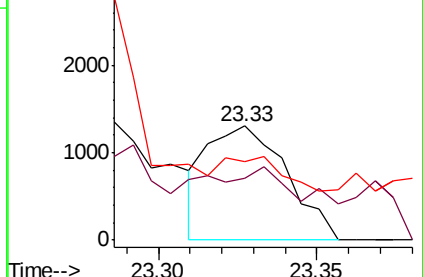
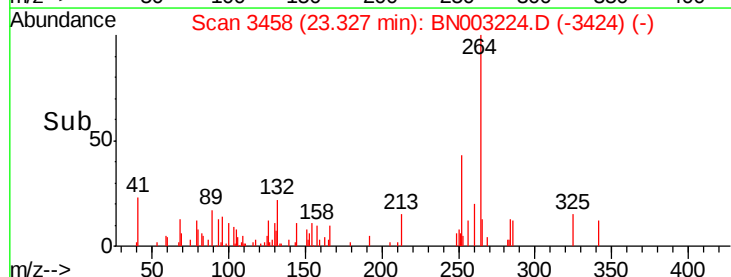
125 68.8 10.0 15.0#

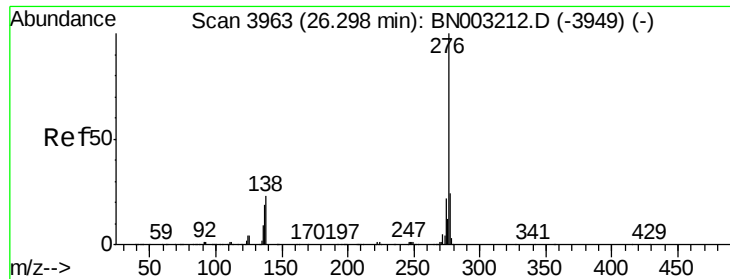


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#93

Benzo(g,h,i)perylene

Concen: 0.005 ng/ul

RT: 26.38 min Scan# 3977

Delta R.T. 0.08 min

Lab File: BN003224.D

Acq: 20 Oct 2018 01:27

Instrument :

BNA_N

ClientSampleId :

C0AJ3

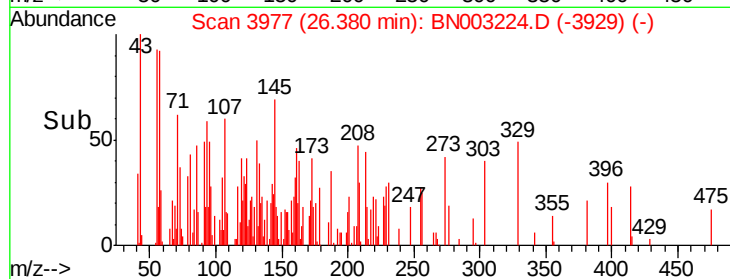
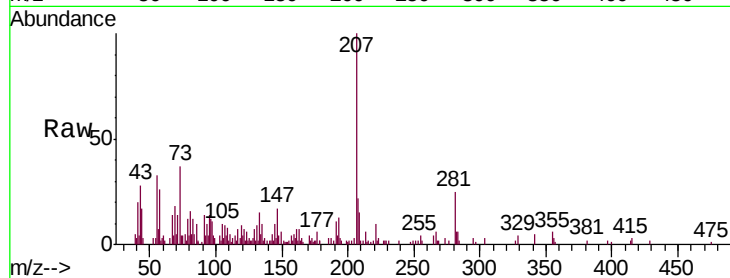
Tgt Ion:276 Resp: 240

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

