

Data File : BN003225.D
Acq On : 20 Oct 2018 02:02
Operator : MJ/SJ
Sample : J5567-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AJ4

Quant Time: Oct 20 05:09:56 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	95362	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	472050	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	300363	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	688504	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	750111	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	729340	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	6453	3.49	ng/uL	0.00
5) Phenol-d5	6.81	99	186063	20.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	104112	19.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	148620	21.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	156256	21.25	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	71049	19.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	86081	20.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	158744	20.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	151993	24.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	502299	19.62	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	642454	20.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	69889	19.82	ng/ul	0.02
57) Fluorene-d10	15.25	176	450872	20.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	75038	16.23	ng/ul	0.00
70) Anthracene-d10	17.10	188	697357	20.46	ng/ul	0.00
78) Pyrene-d10	19.41	212	768890	21.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	819199	20.78	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.05	88	217	0.102 ng/uL#	64
4) Benzaldehyde	6.84	77	815	0.521 ng/ul#	1
6) Phenol	6.83	94	60815	6.692 ng/ul	96
14) Acetophenone	8.45	105	1411	0.126 ng/ul#	65
15) N-Nitroso-di-n-propylamine	8.33	70	3662	0.645 ng/ul#	1
20) Nitrobenzene	8.76	77	311	0.038 ng/ul#	38
21) Isophorone	9.47	82	5535	0.333 ng/ul#	67
44) Dimethylphthalate	13.71	163	90715	3.626 ng/ul	98
45) 2,6-Dinitrotoluene	13.70	165	987	0.197 ng/ul#	36
56) Diethylphthalate	15.09	149	827	0.033 ng/ul#	59
58) Fluorene	15.25	166	871	0.035 ng/ul#	8
69) Phenanthrene	17.04	178	393	0.010 ng/ul#	61
71) Anthracene	17.04	178	393	0.010 ng/ul#	61
75) Di-n-butylphthalate	17.97	149	2785	0.065 ng/ul#	79
76) Fluoranthene	19.09	202	353	0.008 ng/ul#	1
79) Pyrene	19.43	202	438	0.010 ng/ul#	1
80) Butylbenzylphthalate	20.34	149	725	0.037 ng/ul#	1
82) Benzo(a)anthracene	21.21	228	2825	0.060 ng/ul#	54
83) Bis(2-ethylhexyl)phthalate	21.12	149	75412	2.584 ng/ul	99
84) Chrysene	21.21	228	2825	0.064 ng/ul#	53
86) Di-n-octyl phthalate	21.98	149	557	0.012 ng/ul#	1
87) Benzo(b)fluoranthene	22.77	252	393	0.009 ng/ul#	1
88) Benzo(k)fluoranthene	22.82	252	276	0.007 ng/ul#	1

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

Data File : BN003225.D
Acq On : 20 Oct 2018 02:02
Operator : MJ/SJ
Sample : J5567-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AJ4

Quant Time: Oct 20 05:09:56 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

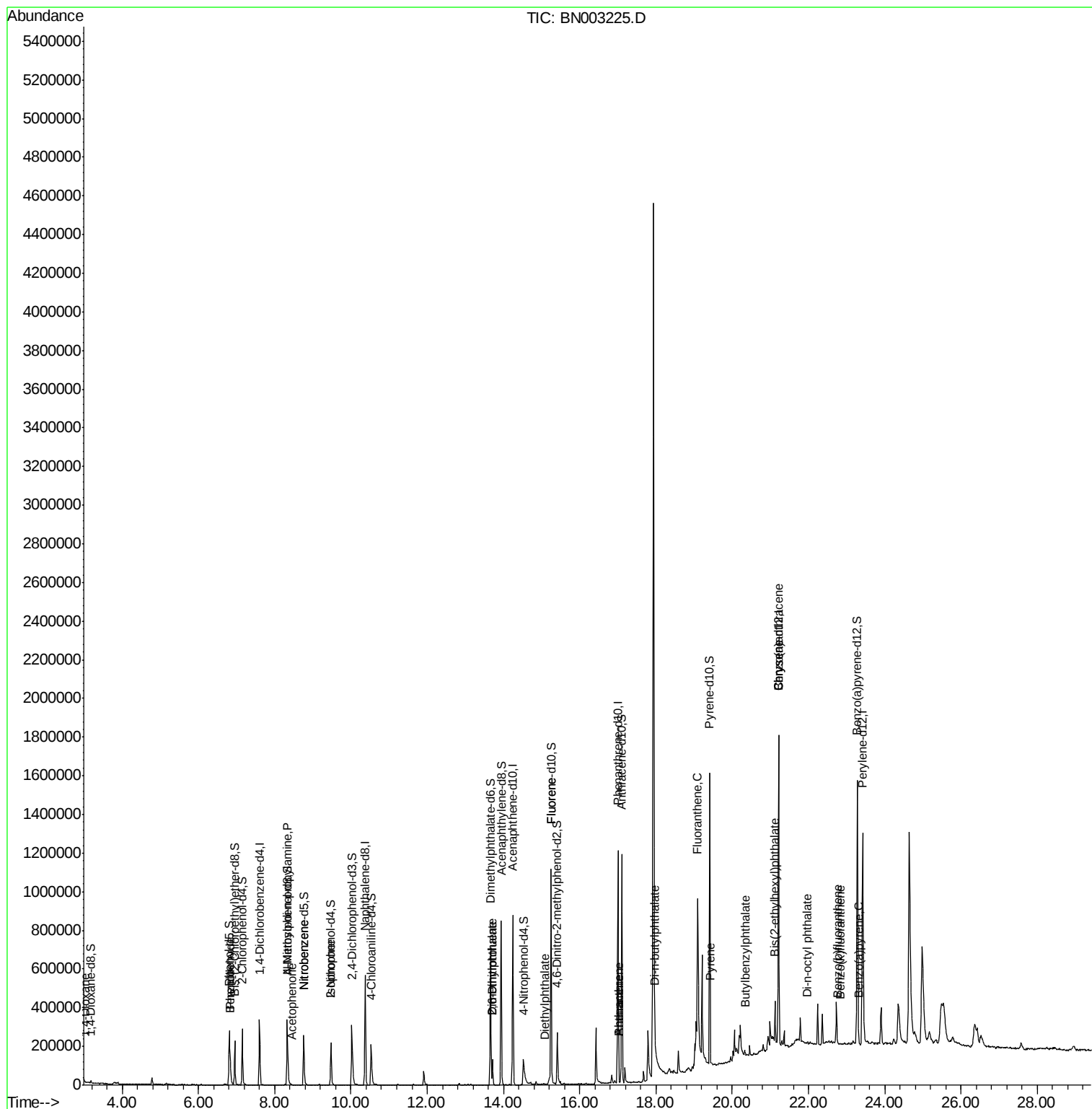
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(a)pyrene	23.33	252	139	0.003	ng/ul#	1

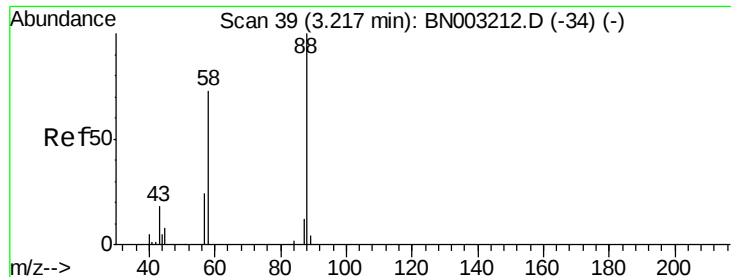
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN003225.D
Acq On : 20 Oct 2018 02:02
Operator : MJ/SJ
Sample : J5567-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AJ4

Quant Time: Oct 20 05:09:56 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: 0.102 ng/uL

RT: 3.05 min Scan# 10

Delta R.T. -0.17 min

Lab File: BN003225.D

Acq: 20 Oct 2018 02:02

Instrument :

BNA_N

ClientSampleId :

C0AJ4

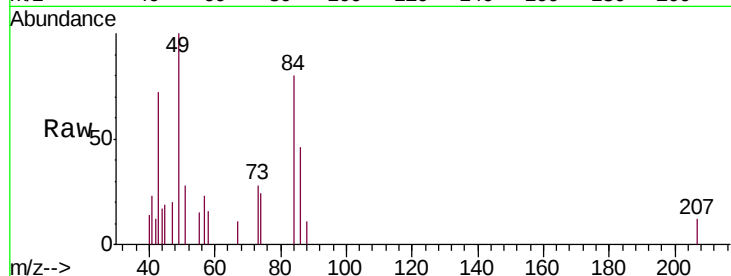
Tgt Ion: 88 Resp: 217

Ion Ratio Lower Upper

88 100

43 0.0 23.3 34.9#

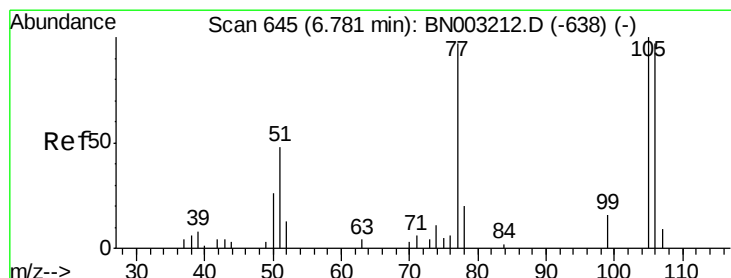
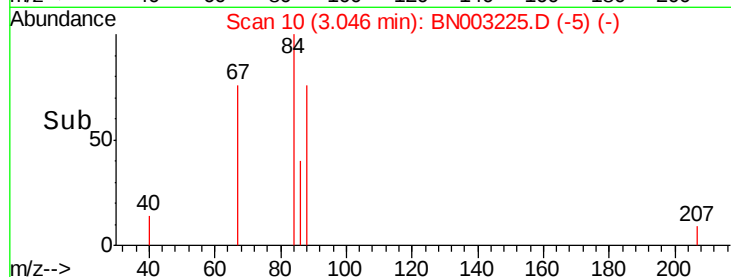
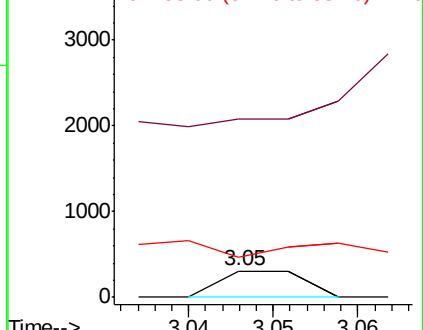
58 54.8 64.4 96.6#



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: 0.521 ng/uL

RT: 6.84 min Scan# 655

Delta R.T. 0.06 min

Lab File: BN003225.D

Acq: 20 Oct 2018 02:02

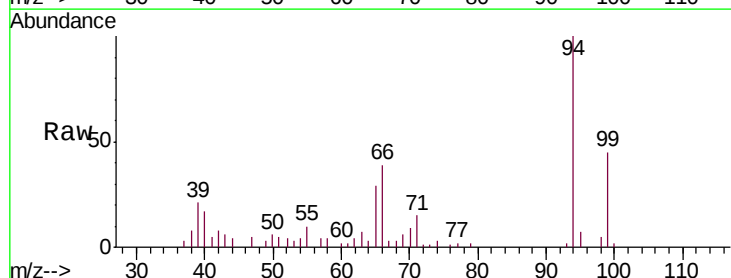
Tgt Ion: 77 Resp: 815

Ion Ratio Lower Upper

77 100

105 0.0 73.8 110.8#

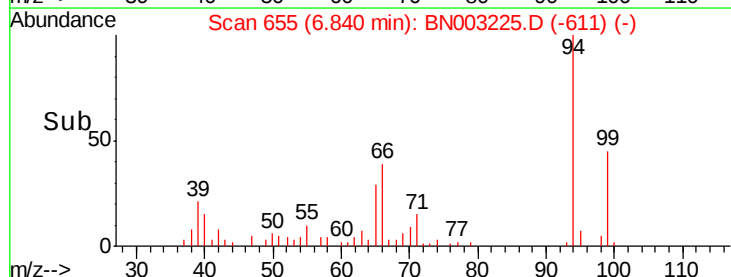
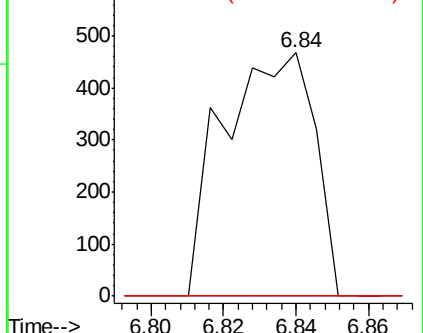
106 0.0 84.2 126.2#

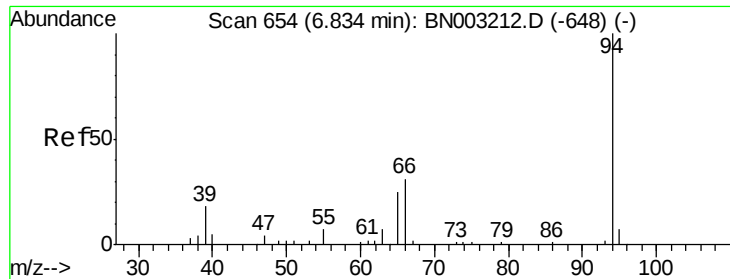


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 106.00 (105.70 to 106.70): BNC





#6

Phenol

Concen: 6.692 ng/ul

RT: 6.83 min Scan# 654

Delta R.T. -0.00 min

Lab File: BN003225.D

Acq: 20 Oct 2018 02:02

Instrument :

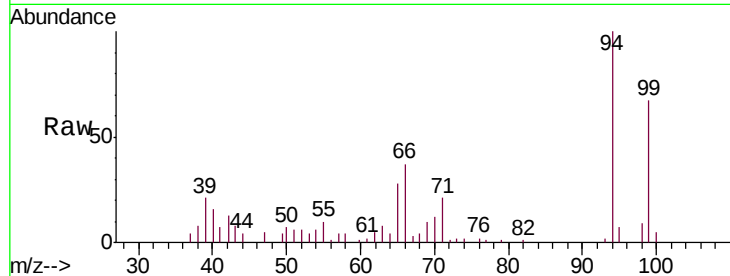
BNA_N

ClientSampleId :

C0AJ4

Tgt Ion: 94 Resp: 60815

Ion	Ratio	Lower	Upper
94	100		
65	27.8	21.2	31.8
66	37.2	27.4	41.2

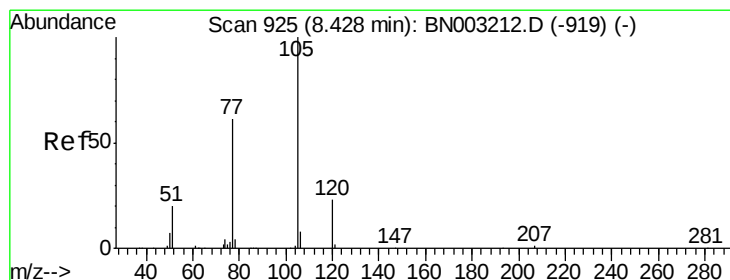
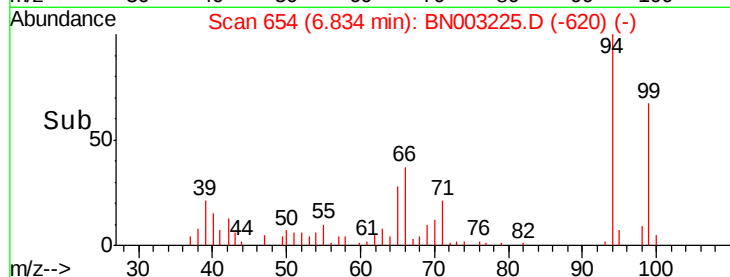
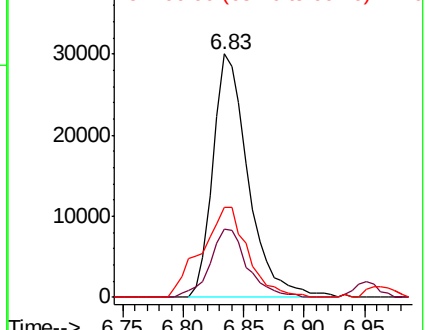


Abundance

Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0



#14

Acetophenone

Concen: 0.126 ng/ul

RT: 8.45 min Scan# 929

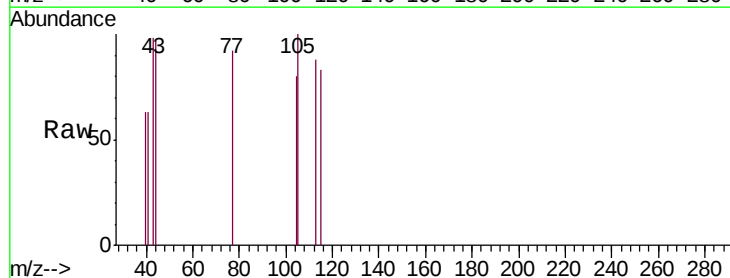
Delta R.T. 0.02 min

Lab File: BN003225.D

Acq: 20 Oct 2018 02:02

Tgt Ion: 105 Resp: 1411

Ion	Ratio	Lower	Upper
105	100		
77	51.2	61.0	91.4#
51	0.0	21.0	31.6#

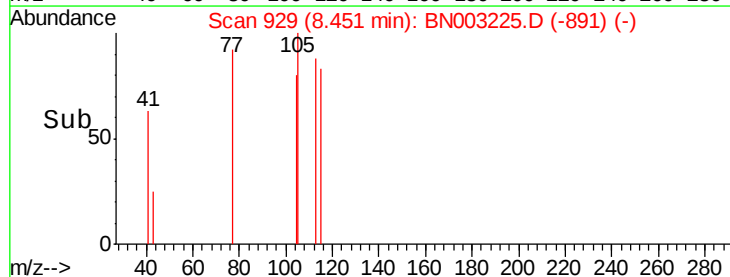
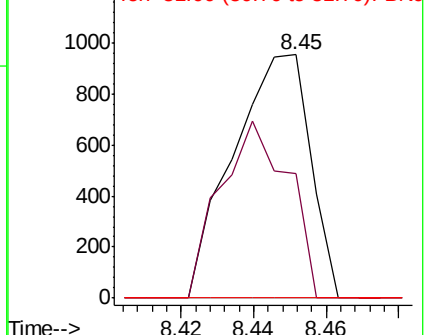


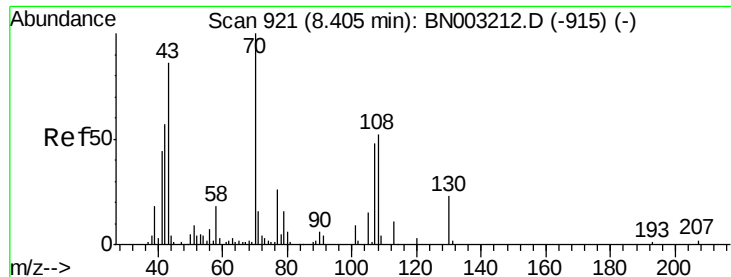
Abundance

Ion 105.00 (104.70 to 105.70): BN0

Ion 77.00 (76.70 to 77.70): BN0

Ion 51.00 (50.70 to 51.70): BN0





#15

N-Nitroso-di-n-propylamine

Concen: 0.645 ng/ul

RT: 8.33 min Scan# 908

Delta R.T. -0.08 min

Lab File: BN003225.D

Acq: 20 Oct 2018 02:02

Instrument :

BNA_N

ClientSampleId :

C0AJ4

Tgt Ion: 70 Resp: 3662

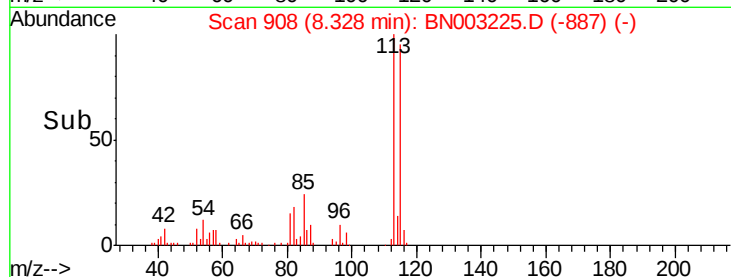
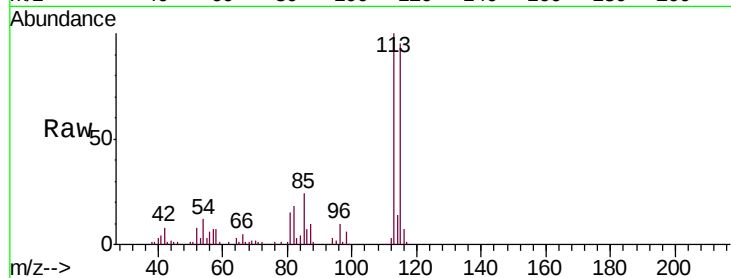
Ion Ratio Lower Upper

70 100

42 352.9 44.5 66.7#

101 0.0 7.9 11.9#

130 0.0 18.7 28.1#

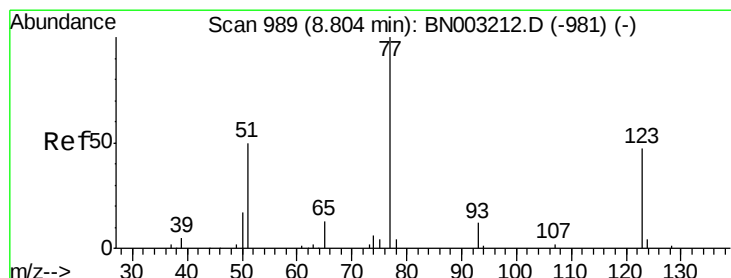
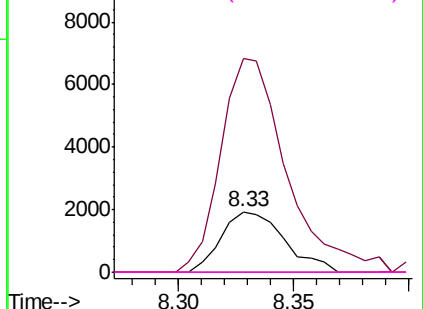


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 0.038 ng/ul

RT: 8.76 min Scan# 982

Delta R.T. -0.04 min

Lab File: BN003225.D

Acq: 20 Oct 2018 02:02

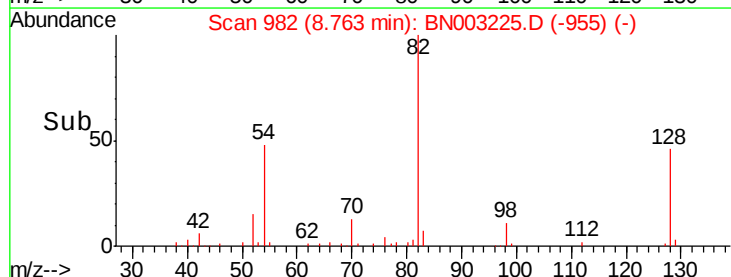
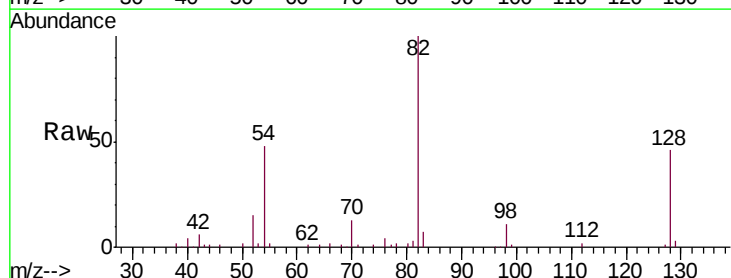
Tgt Ion: 77 Resp: 311

Ion Ratio Lower Upper

77 100

123 0.0 36.9 55.3#

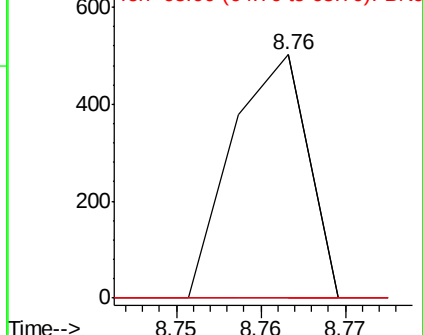
65 0.0 10.2 15.4#

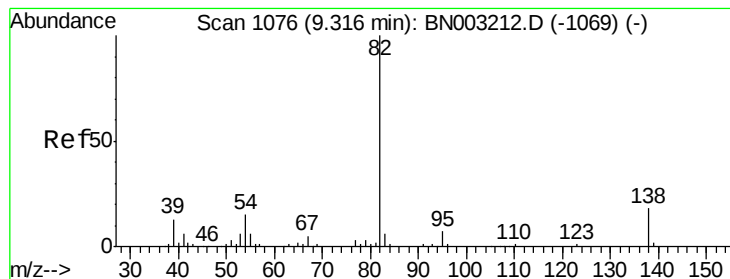


Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BN0





#21

Isophorone

Concen: 0.333 ng/ul

RT: 9.47 min Scan# 1103

Delta R.T. 0.16 min

Lab File: BN003225.D

Acq: 20 Oct 2018 02:02

Instrument :

BNA_N

ClientSampleId :

C0AJ4

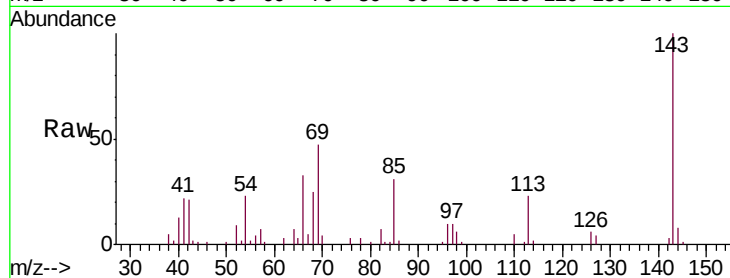
Tgt Ion: 82 Resp: 5535

Ion Ratio Lower Upper

82 100

95 10.2 5.3 7.9#

138 0.0 14.5 21.7#

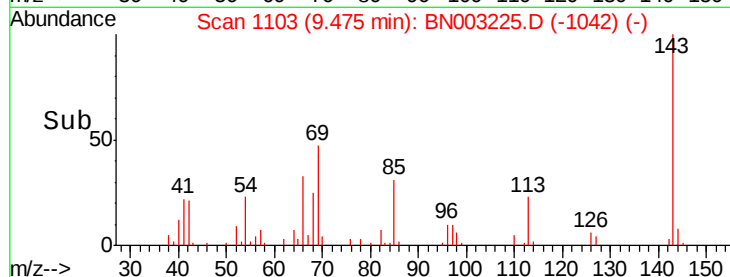


Abundance Ion 82.00 (81.70 to 82.70): BN003212.D (-1069) (-)

Ion 95.00 (94.70 to 95.70): BN003212.D (-1069) (-)

Ion 138.00 (137.70 to 138.70): BN003212.D (-1069) (-)

Time-->



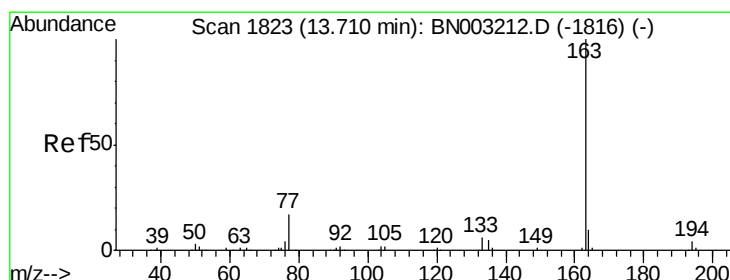
Abundance

Ion 82.00 (81.70 to 82.70): BN003212.D (-1069) (-)

Ion 95.00 (94.70 to 95.70): BN003212.D (-1069) (-)

Ion 138.00 (137.70 to 138.70): BN003212.D (-1069) (-)

Time-->



#44

Dimethylphthalate

Concen: 3.626 ng/ul

RT: 13.71 min Scan# 1823

Delta R.T. -0.00 min

Lab File: BN003225.D

Acq: 20 Oct 2018 02:02

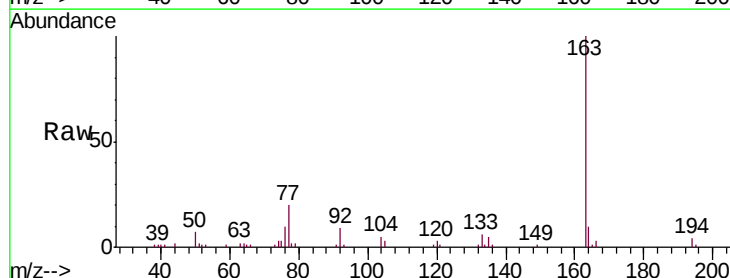
Tgt Ion: 163 Resp: 90715

Ion Ratio Lower Upper

163 100

194 3.7 3.7 5.5

164 9.8 8.3 12.5

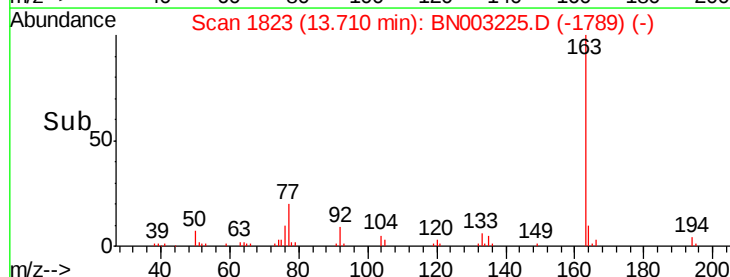


Abundance Ion 163.00 (162.70 to 163.70): BN003212.D (-1816) (-)

Ion 194.00 (193.70 to 194.70): BN003212.D (-1816) (-)

Ion 164.00 (163.70 to 164.70): BN003212.D (-1816) (-)

Time-->



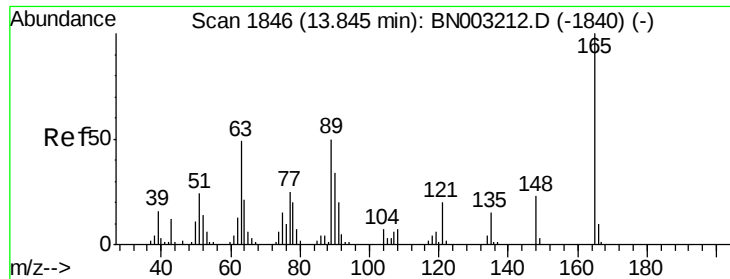
Abundance

Ion 163.00 (162.70 to 163.70): BN003212.D (-1816) (-)

Ion 194.00 (193.70 to 194.70): BN003212.D (-1816) (-)

Ion 164.00 (163.70 to 164.70): BN003212.D (-1816) (-)

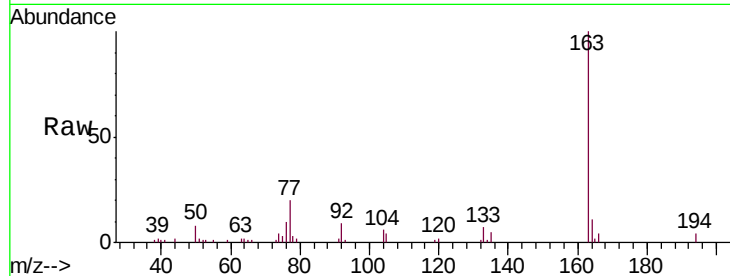
Time-->



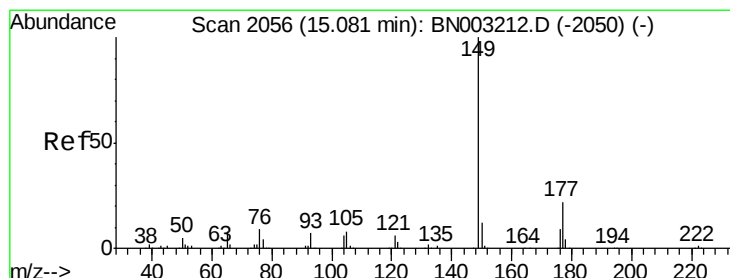
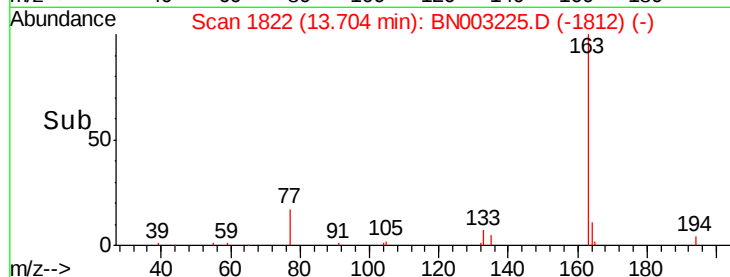
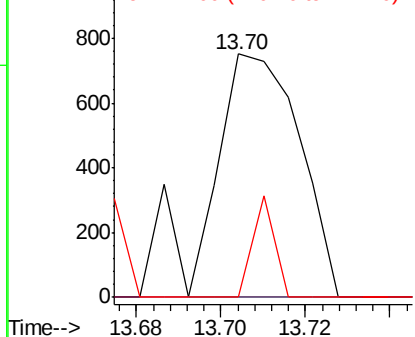
#45
 2,6-Dinitrotoluene
 Concen: 0.197 ng/ul
 RT: 13.70 min Scan# 1822
 Delta R.T. -0.14 min
 Lab File: BN003225.D
 Acq: 20 Oct 2018 02:02

Instrument :
 BNA_N
 ClientSampleId :
 C0AJ4

Tgt Ion:165 Resp: 987
 Ion Ratio Lower Upper
 165 100
 89 0.0 40.3 60.5#
 121 0.0 15.7 23.5#

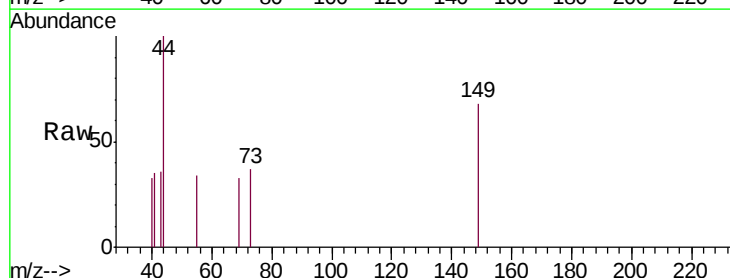


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BNO
 Ion 121.00 (120.70 to 121.70): E

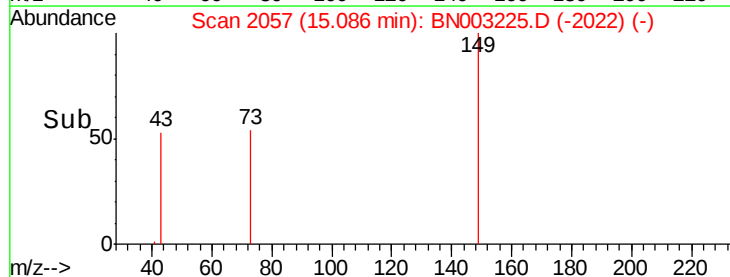
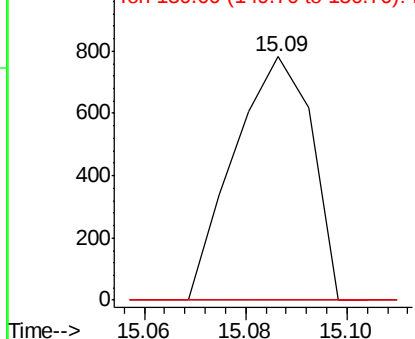


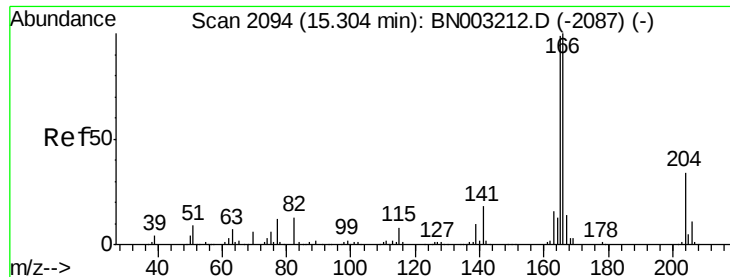
#56
 Diethylphthalate
 Concen: 0.033 ng/ul
 RT: 15.09 min Scan# 2057
 Delta R.T. 0.01 min
 Lab File: BN003225.D
 Acq: 20 Oct 2018 02:02

Tgt Ion:149 Resp: 827
 Ion Ratio Lower Upper
 149 100
 177 0.0 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: 0.035 ng/ul

RT: 15.25 min Scan# 2085

Delta R.T. -0.05 min

Lab File: BN003225.D

Acq: 20 Oct 2018 02:02

Instrument :

BNA_N

ClientSampleId :

C0AJ4

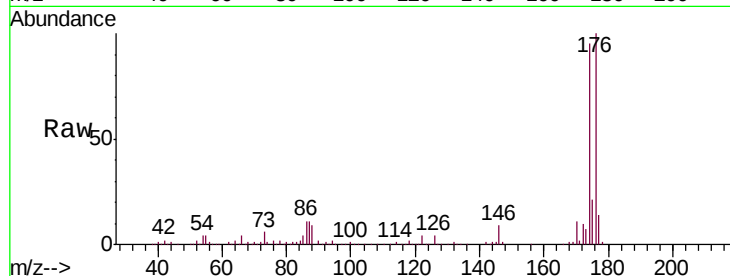
Tgt Ion:166 Resp: 871

Ion Ratio Lower Upper

166 100

165 0.0 78.7 118.1#

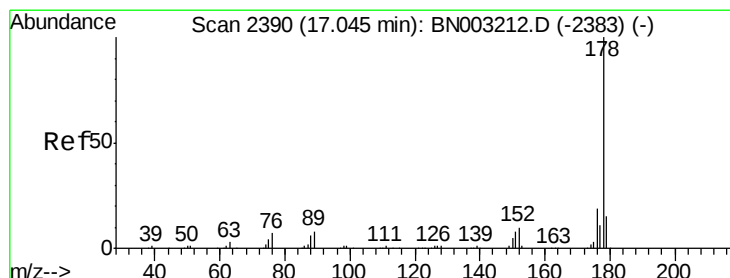
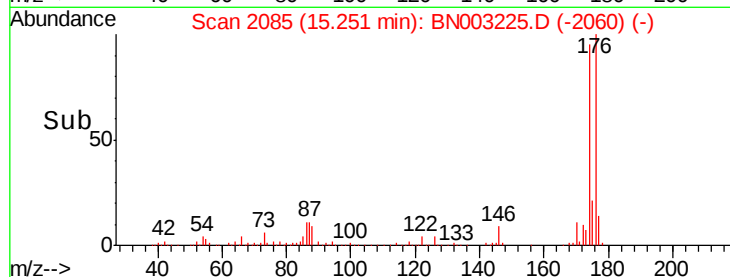
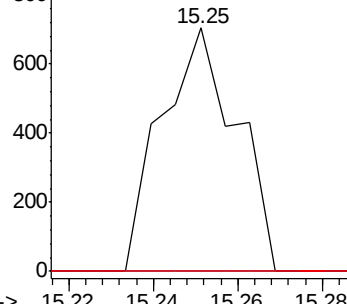
167 0.0 10.2 15.2#



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



#69

Phenanthrene

Concen: 0.010 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BN003225.D

Acq: 20 Oct 2018 02:02

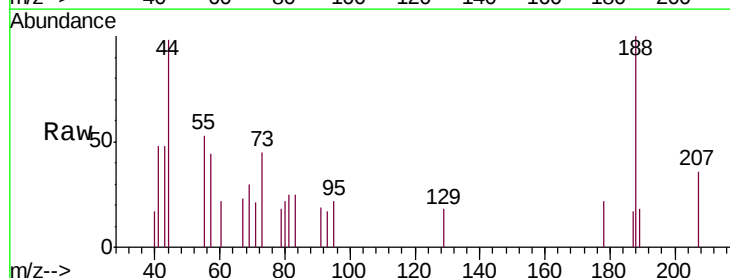
Tgt Ion:178 Resp: 393

Ion Ratio Lower Upper

178 100

179 0.0 12.6 19.0#

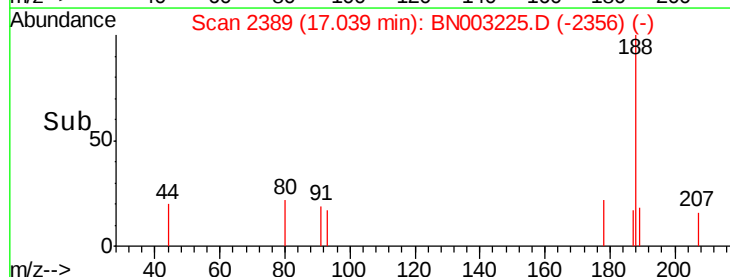
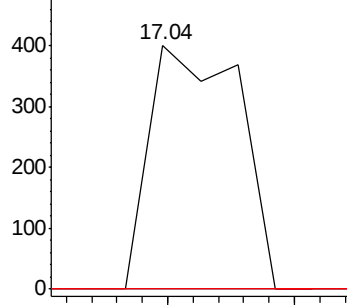
176 0.0 14.7 22.1#

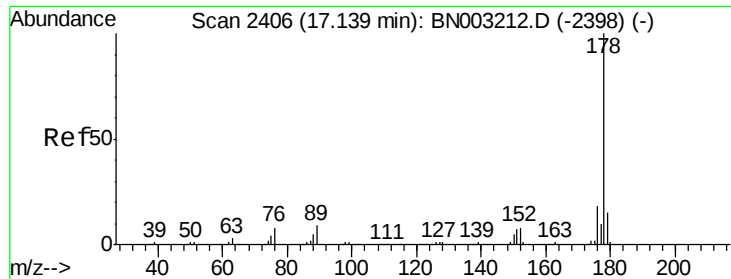


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

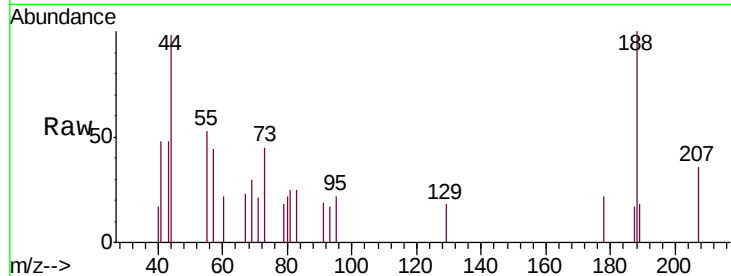




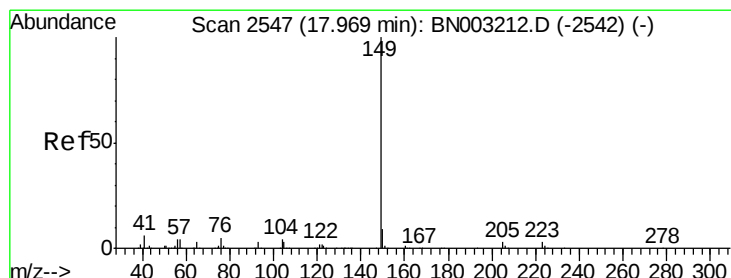
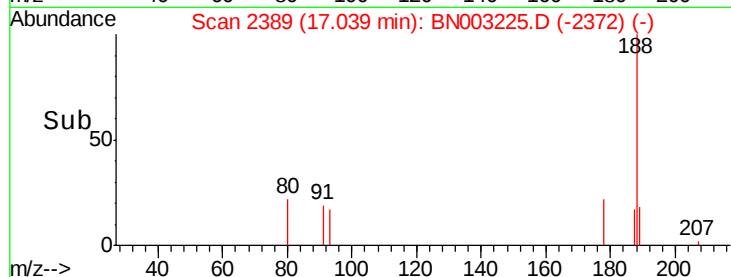
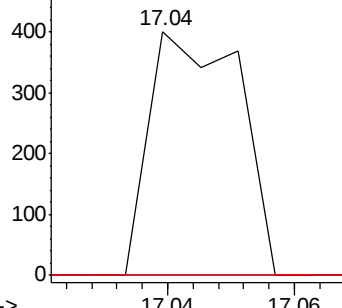
#71
 Anthracene
 Concen: 0.010 ng/ul
 RT: 17.04 min Scan# 2389
 Delta R.T. -0.10 min
 Lab File: BN003225.D
 Acq: 20 Oct 2018 02:02

Instrument :
 BNA_N
 ClientSampled :
 C0AJ4

Tgt Ion:178 Resp: 393
 Ion Ratio Lower Upper
 178 100
 179 0.0 12.2 18.4#
 176 0.0 14.9 22.3#

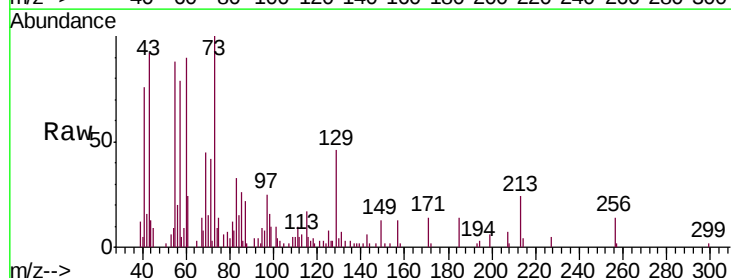


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

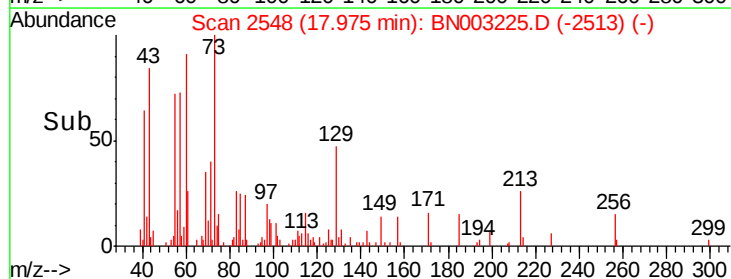
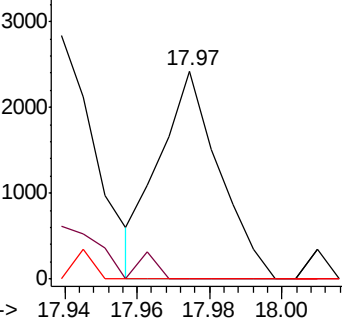


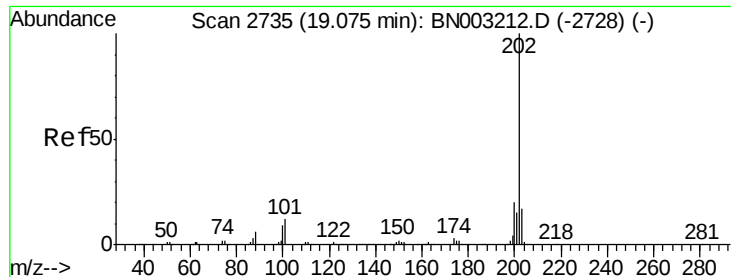
#75
 Di-n-butylphthalate
 Concen: 0.065 ng/ul
 RT: 17.97 min Scan# 2548
 Delta R.T. 0.01 min
 Lab File: BN003225.D
 Acq: 20 Oct 2018 02:02

Tgt Ion:149 Resp: 2785
 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: 0.008 ng/ul

RT: 19.09 min Scan# 2737

Delta R.T. 0.01 min

Lab File: BN003225.D

Acq: 20 Oct 2018 02:02

Instrument :

BNA_N

ClientSampleId :

C0AJ4

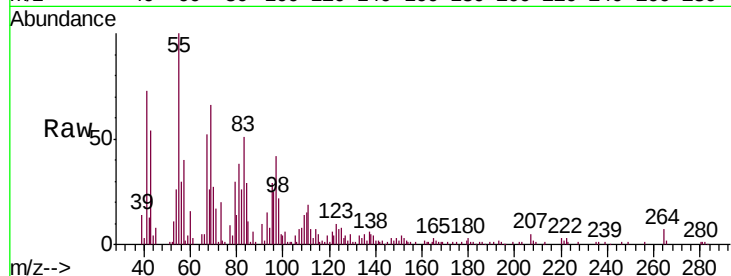
Tgt Ion:202 Resp: 353

Ion Ratio Lower Upper

202 100

101 1196.8 9.4 14.2#

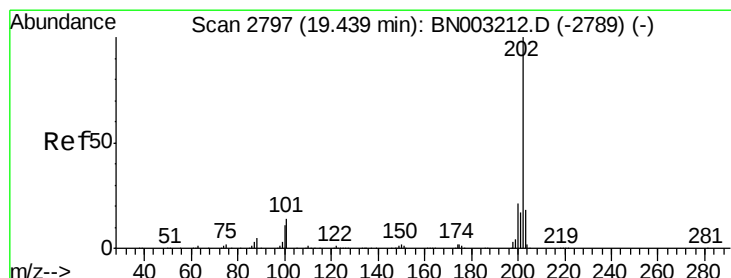
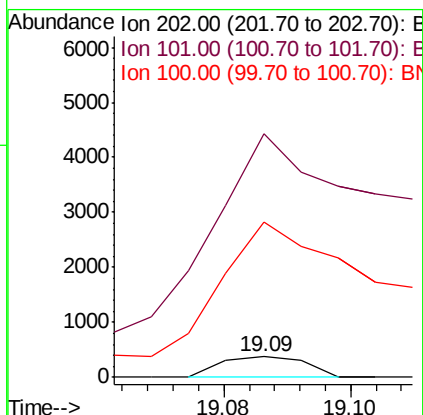
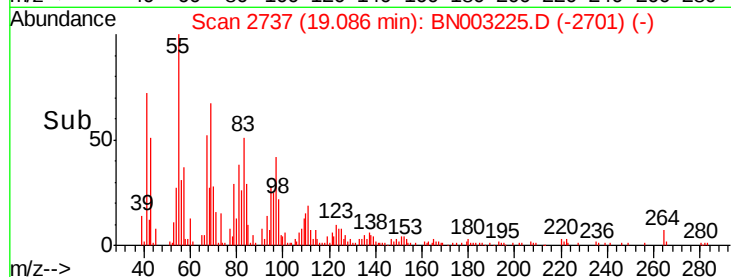
100 763.2 7.2 10.8#



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: 0.010 ng/ul

RT: 19.43 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BN003225.D

Acq: 20 Oct 2018 02:02

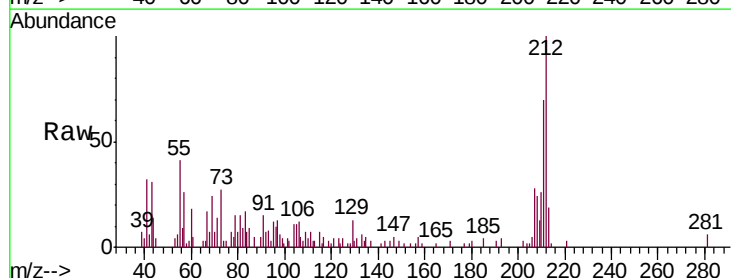
Tgt Ion:202 Resp: 438

Ion Ratio Lower Upper

202 100

101 130.1 10.8 16.2#

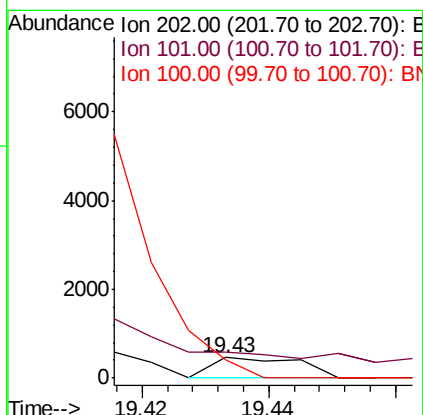
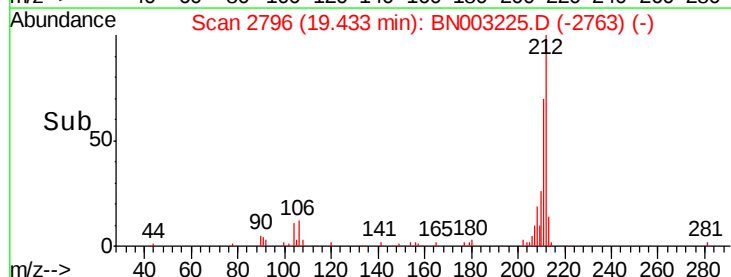
100 88.2 8.6 13.0#

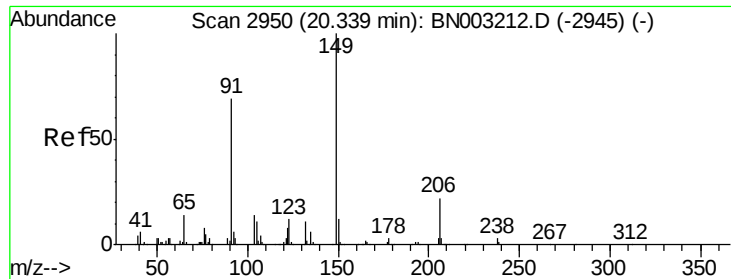


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

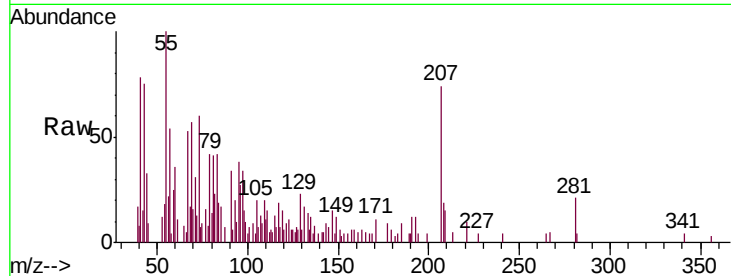




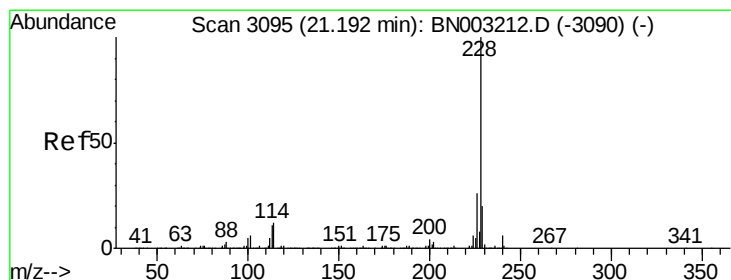
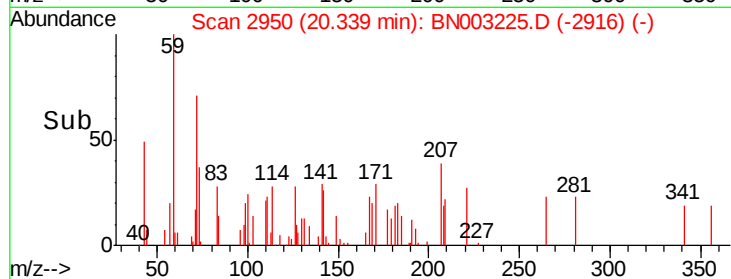
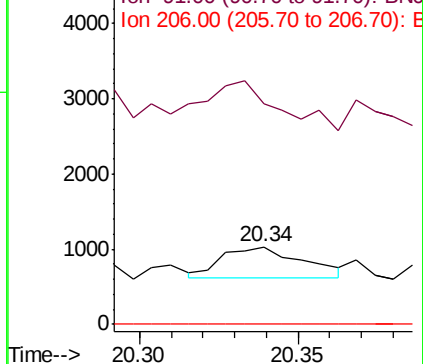
#80
Butylbenzylphthalate
Concen: 0.037 ng/ul
RT: 20.34 min Scan# 2950
Delta R.T. -0.00 min
Lab File: BN003225.D
Acq: 20 Oct 2018 02:02

Instrument :
BNA_N
ClientSampleId :
C0AJ4

Tgt Ion:149 Resp: 725
Ion Ratio Lower Upper
149 100
91 283.0 53.5 80.3#
206 0.0 17.0 25.4#

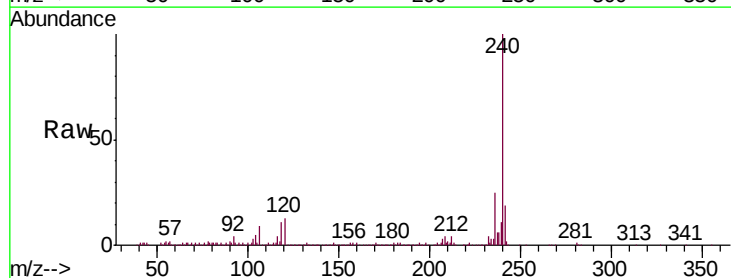


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BNO
Ion 206.00 (205.70 to 206.70): E

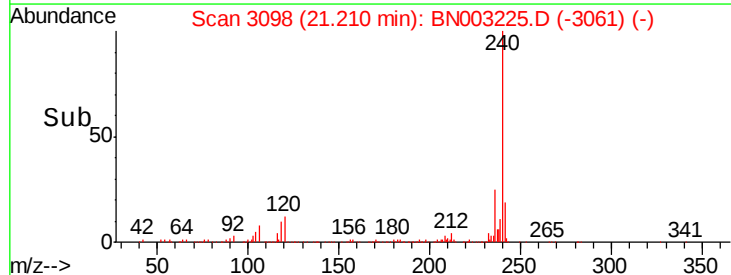
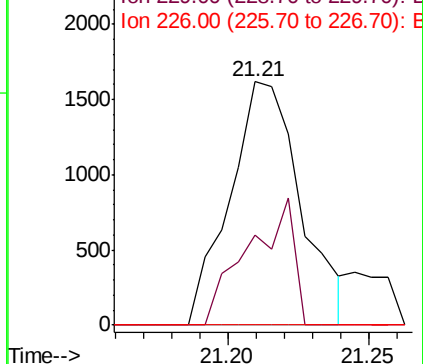


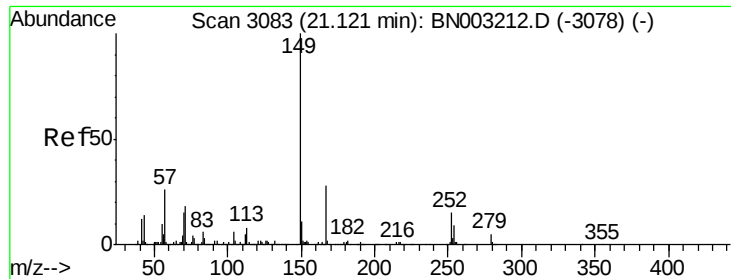
#82
Benzo(a)anthracene
Concen: 0.060 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. 0.02 min
Lab File: BN003225.D
Acq: 20 Oct 2018 02:02

Tgt Ion:228 Resp: 2825
Ion Ratio Lower Upper
228 100
229 36.8 15.4 23.2#
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





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.584 ng/ul

RT: 21.12 min Scan# 3083

Delta R.T. -0.00 min

Lab File: BN003225.D

Acq: 20 Oct 2018 02:02

Instrument :

BNA_N

ClientSampleId :

C0AJ4

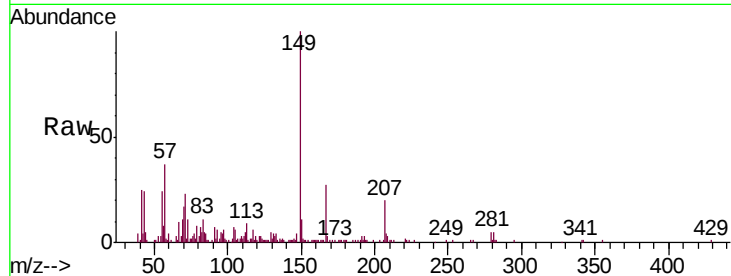
Tgt Ion:149 Resp: 75412

Ion Ratio Lower Upper

149 100

167 27.5 22.4 33.6

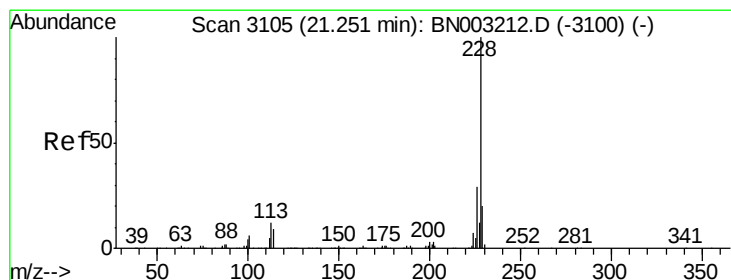
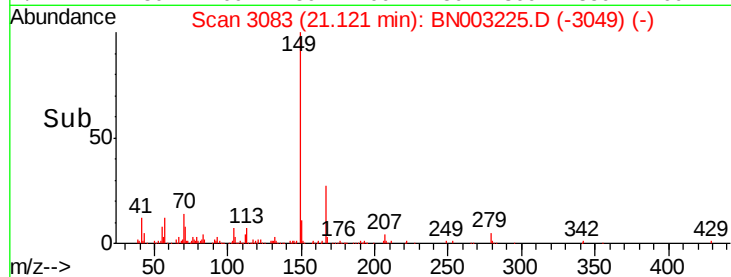
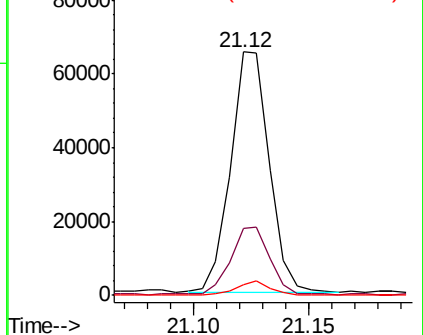
279 4.6 3.7 5.5



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: 0.064 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. -0.04 min

Lab File: BN003225.D

Acq: 20 Oct 2018 02:02

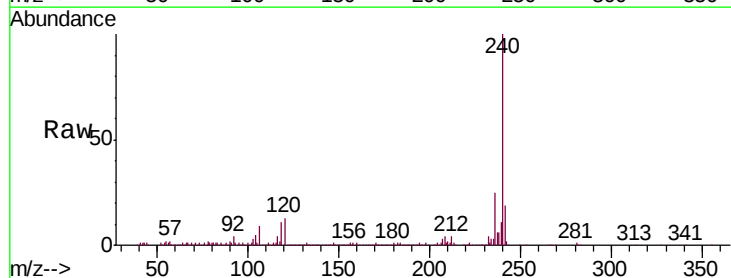
Tgt Ion:228 Resp: 2825

Ion Ratio Lower Upper

228 100

226 0.0 23.1 34.7#

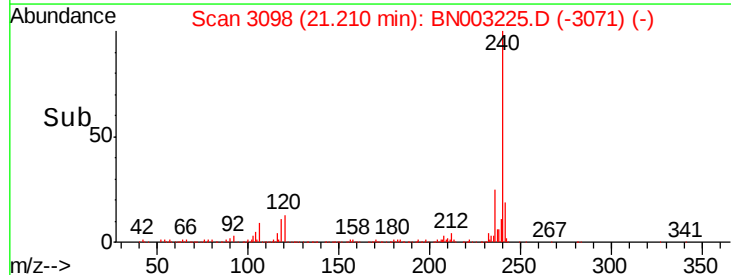
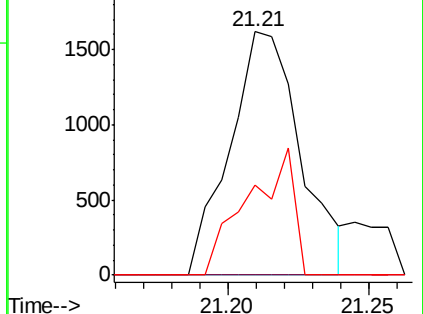
229 36.8 15.7 23.5#

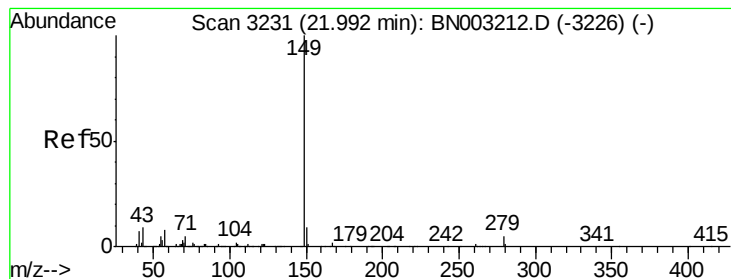


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86

Di-n-octyl phthalate

Concen: 0.012 ng/ul

RT: 21.98 min Scan# 3229

Delta R.T. -0.01 min

Lab File: BN003225.D

Acq: 20 Oct 2018 02:02

Instrument :

BNA_N

ClientSampleId :

C0AJ4

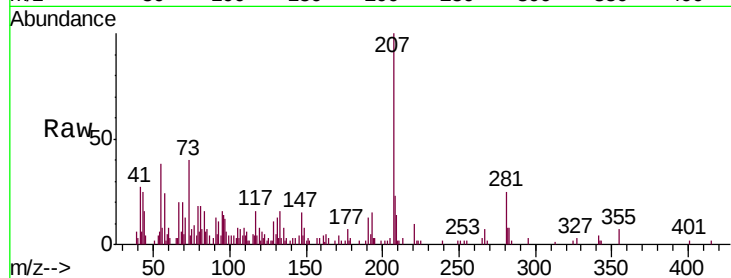
Tgt Ion:149 Resp: 557

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

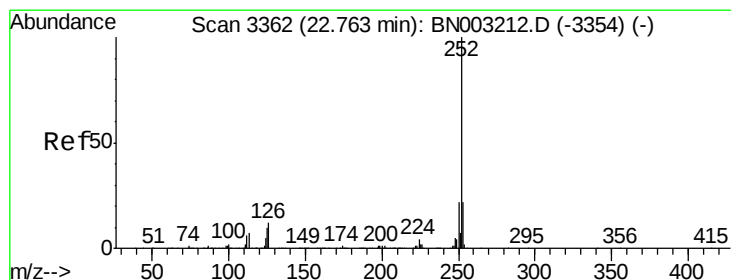
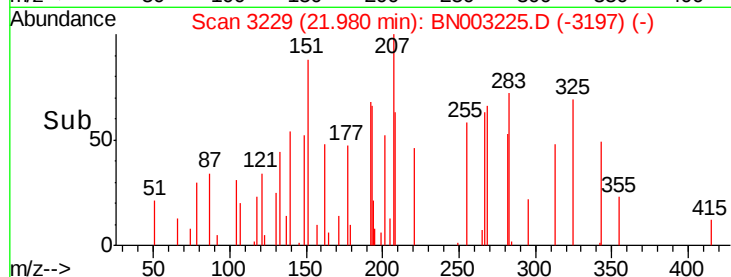
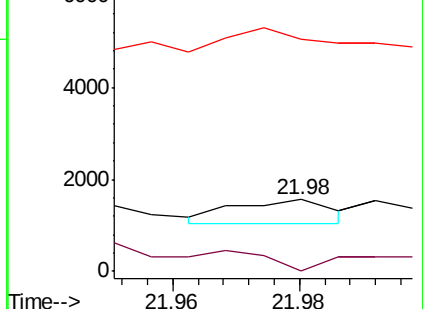
43 323.6 6.8 10.2#



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: 0.009 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. 0.01 min

Lab File: BN003225.D

Acq: 20 Oct 2018 02:02

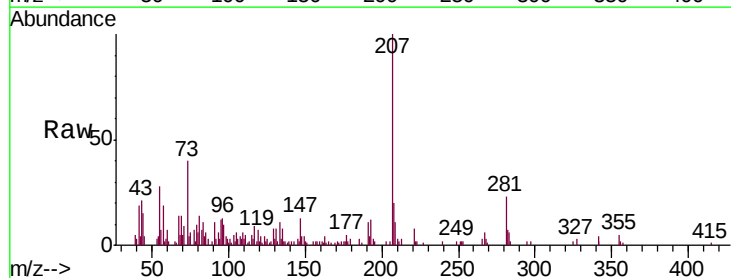
Tgt Ion:252 Resp: 393

Ion Ratio Lower Upper

252 100

253 107.2 17.4 26.2#

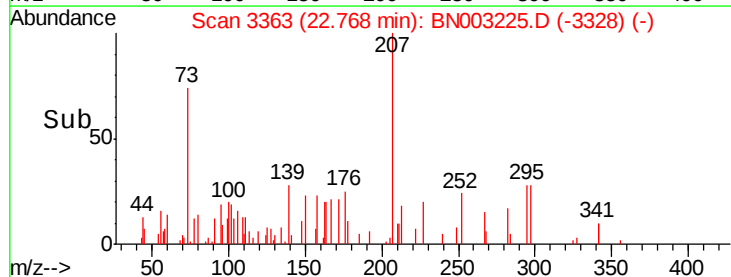
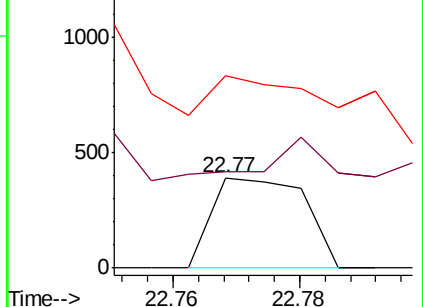
125 214.4 8.7 13.1#

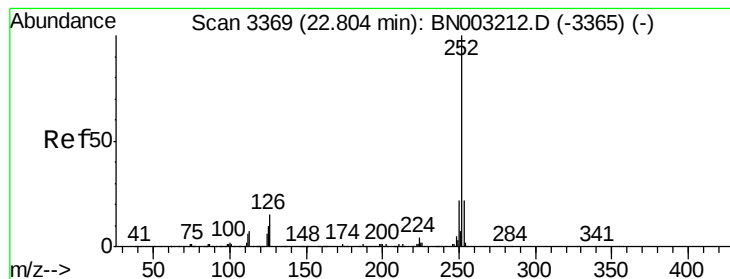


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 0.007 ng/u1

RT: 22.82 min Scan# 3372

Delta R.T. 0.02 min

Lab File: BN003225.D

Acq: 20 Oct 2018 02:02

Instrument :

BNA_N

ClientSampled :

C0AJ4

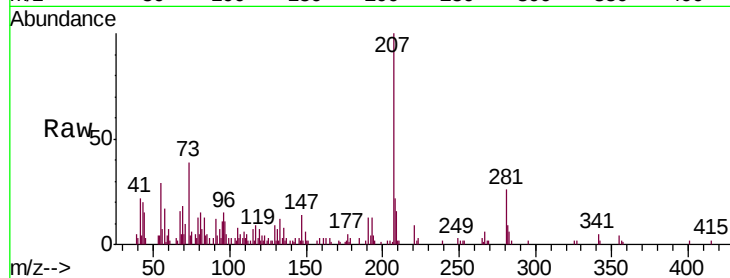
Tgt Ion:252 Resp: 276

Ion Ratio Lower Upper

252 100

253 134.9 17.8 26.8#

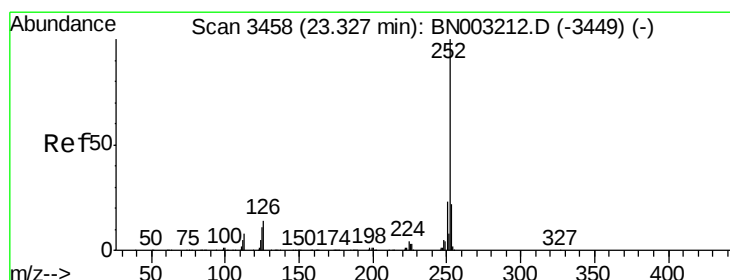
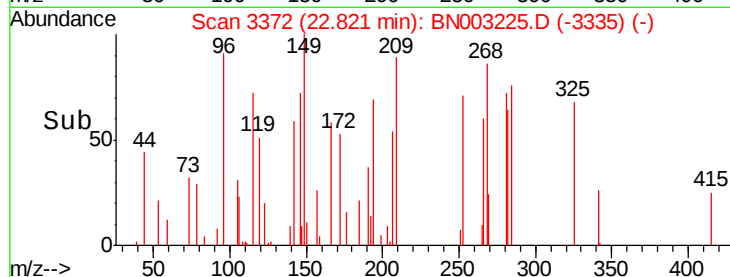
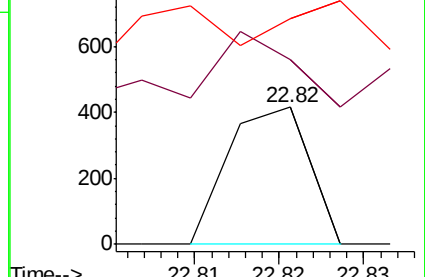
125 164.4 8.2 12.4#



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: 0.003 ng/u1

RT: 23.33 min Scan# 3458

Delta R.T. -0.00 min

Lab File: BN003225.D

Acq: 20 Oct 2018 02:02

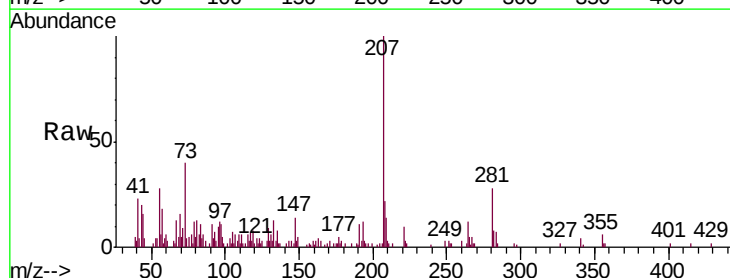
Tgt Ion:252 Resp: 139

Ion Ratio Lower Upper

252 100

253 129.9 17.5 26.3#

125 195.7 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

