

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062018\
 Data File : BN001893.D
 Acq On : 20 Jun 2018 19:09
 Operator : JU/SJ
 Sample : J3568-11MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAXS2MSD

Quant Time: Jun 21 01:29:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 19 14:50:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	565903	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	2491556	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	1351367	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	2544059	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	1925433	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2001825	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	63731	4.89	ng/uL	0.00
5) Phenol-d5	6.89	99	1417624	27.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	915728	28.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	1158015	28.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	1107565	27.00	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	576812	31.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	633672	33.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	1151147	28.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	1412006	33.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	3345566	29.32	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	4263939	30.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	342247	16.28	ng/ul	0.00
57) Fluorene-d10	15.34	176	2821636	28.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	280197	20.22	ng/ul	0.00
70) Anthracene-d10	17.19	188	3753173	30.53	ng/ul	0.00
76) Pyrene-d10	19.49	212	3580276	36.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.38	264	3455277	31.74	ng/ul	0.00

Target Compounds

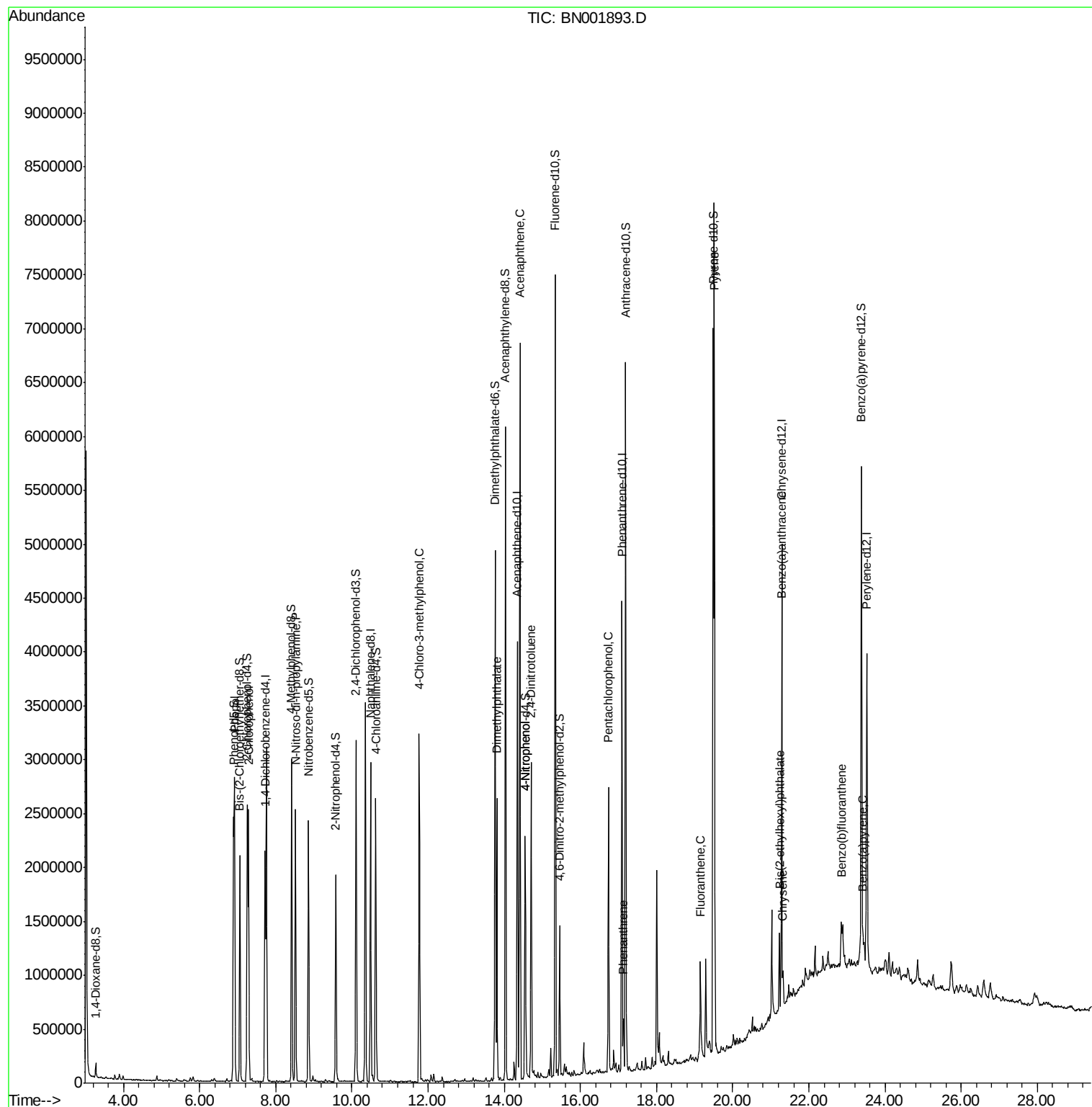
					Ovalue	
6) Phenol	6.92	94	1460277	28.275	ng/ul	99
10) 2-Chlorophenol	7.28	128	1086452	26.435	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.52	70	909821	28.001	ng/ul	93
33) 4-Chloro-3-methylphenol	11.77	107	1137722	25.987	ng/ul	96
44) Dimethylphthalate	13.80	163	1631919	14.550	ng/ul	99
49) Acenaphthene	14.41	153	2676224	28.370	ng/ul	98
52) 4-Nitrophenol	14.56	109	271108	17.342	ng/ul#	77
54) 2,4-Dinitrotoluene	14.71	165	828434	26.310	ng/ul	95
68) Pentachlorophenol	16.74	266	448422	26.054	ng/ul	97
69) Phenanthrene	17.13	178	288869	2.016	ng/ul	100
74) Fluoranthene	19.15	202	470643	3.124	ng/ul#	91
77) Pyrene	19.52	202	4632823	38.449	ng/ul#	86
80) Benzo(a)anthracene	21.27	228	197404	1.622	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.23	149	257101	3.353	ng/ul	99
82) Chrysene	21.32	228	208975	1.846	ng/ul	97
85) Benzo(b)fluoranthene	22.85	252	257058	2.033	ng/ul#	89
88) Benzo(a)pyrene	23.42	252	181649	1.537	ng/ul#	89

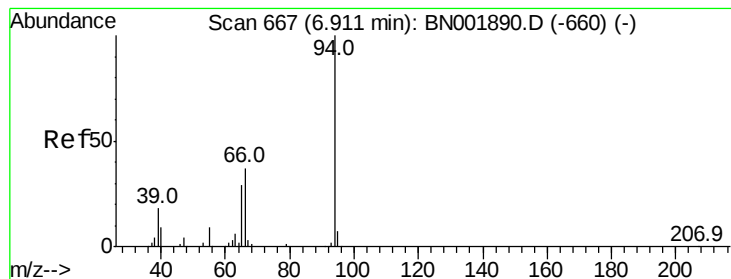
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 28.275 ng/ul

RT: 6.92 min Scan# 668

Delta R.T. -0.00 min

Lab File: BN001893.D

Acq: 20 Jun 2018 19:09

Instrument :

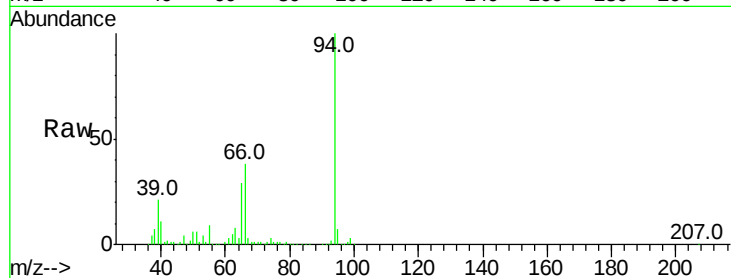
BNA_N

ClientSampleId :

DAXS2MSD

Tot Ion: 94 Resp: 1460277

Ion	Ratio	Lower	Upper
94	100		
65	29.2	23.0	34.6
66	37.8	30.4	45.6

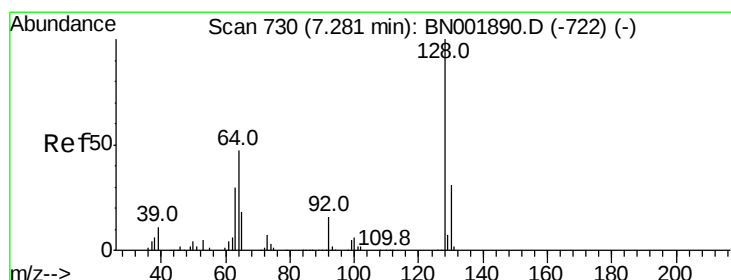
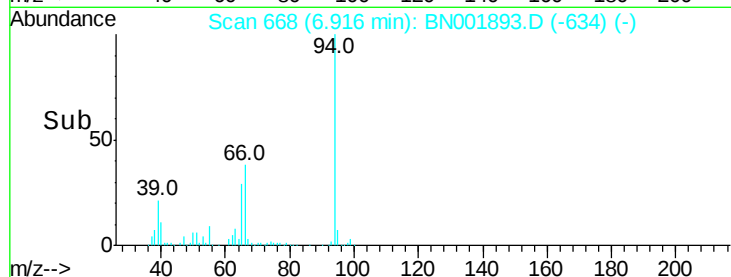
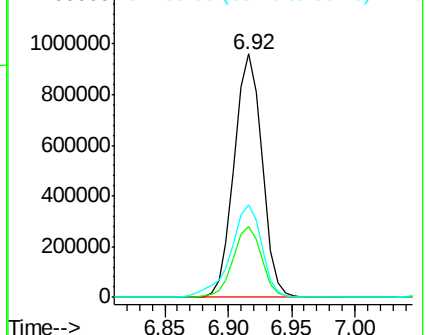


Abundance

Ion 94.00 (93.70 to 94.70): BN001893.D (-660) (-)

Ion 65.00 (64.70 to 65.70): BN001893.D (-660) (-)

Ion 66.00 (65.70 to 66.70): BN001893.D (-660) (-)



#10

2-Chlorophenol

Concen: 26.435 ng/ul

RT: 7.28 min Scan# 730

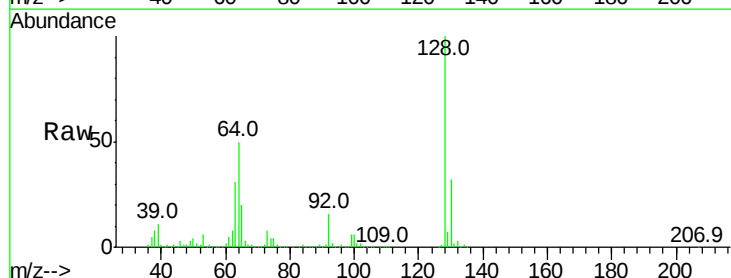
Delta R.T. -0.01 min

Lab File: BN001893.D

Acq: 20 Jun 2018 19:09

Tgt Ion:128 Resp: 1086452

Ion	Ratio	Lower	Upper
128	100		
64	49.8	39.8	59.6
130	31.7	25.8	38.8

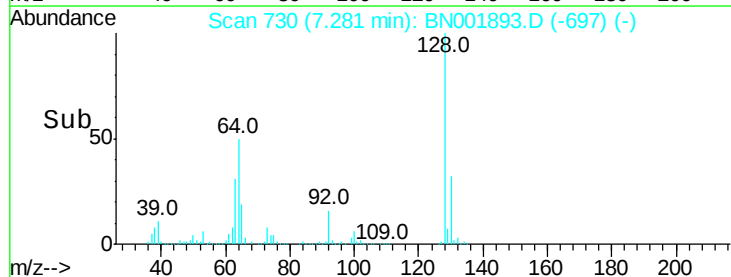
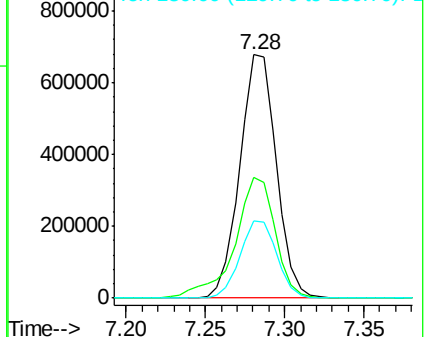


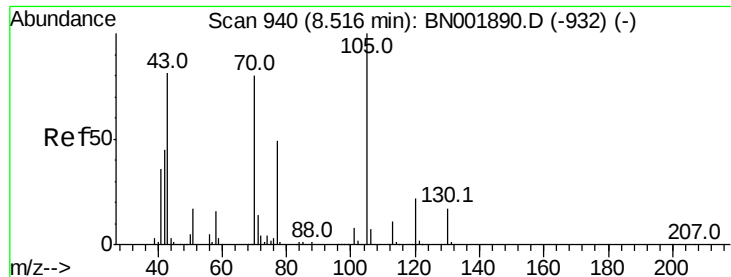
Abundance

Ion 128.00 (127.70 to 128.70): BN001893.D (-697) (-)

Ion 64.00 (63.70 to 64.70): BN001893.D (-697) (-)

Ion 130.00 (129.70 to 130.70): BN001893.D (-697) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 28.001 ng/ul

RT: 8.52 min Scan# 940

Delta R.T. -0.01 min

Lab File: BN001893.D

Acq: 20 Jun 2018 19:09

Instrument :

BNA_N

ClientSampleId :

DAXS2MSD

Tot Ion: 70 Resp: 909821

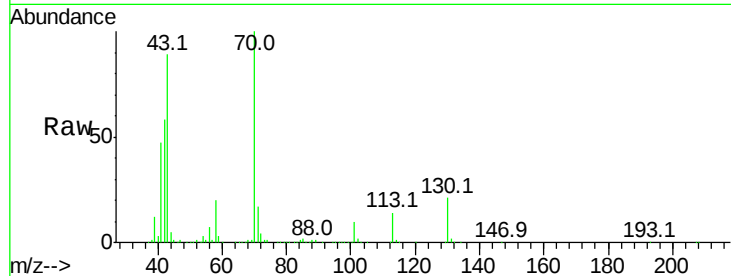
Ion Ratio Lower Upper

70 100

42 57.8 40.2 60.4

101 9.9 7.7 11.5

130 21.5 17.8 26.6

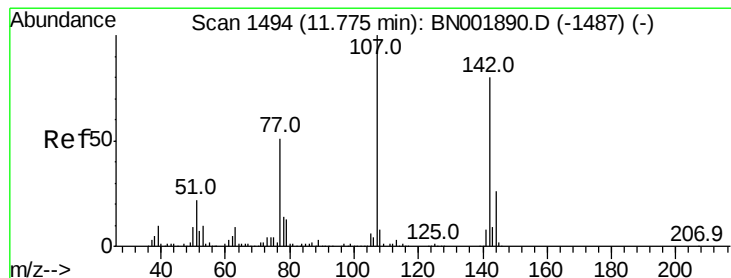
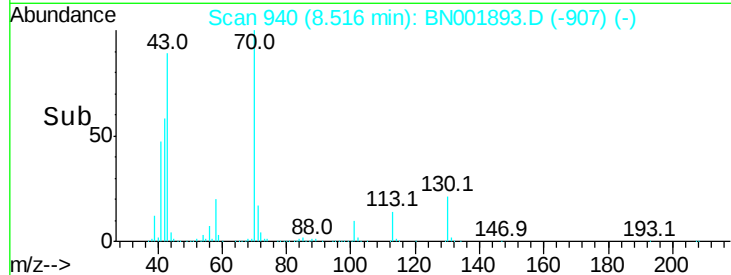
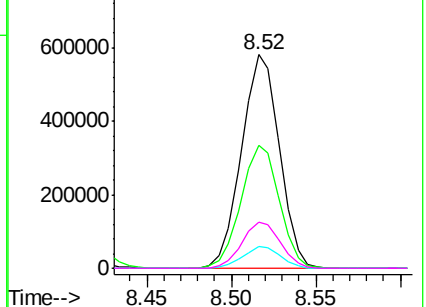


Abundance Ion 70.00 (69.70 to 70.70): BN0

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



#33

4-Chloro-3-methylphenol

Concen: 25.987 ng/ul

RT: 11.77 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BN001893.D

Acq: 20 Jun 2018 19:09

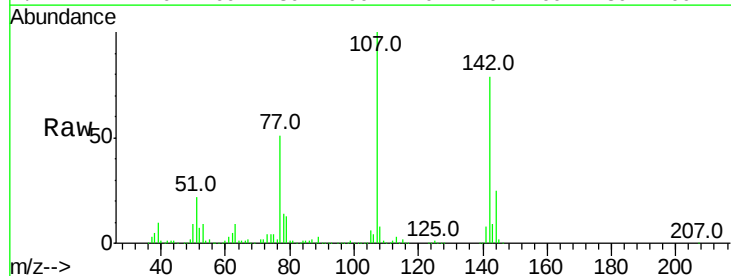
Tgt Ion:107 Resp: 1137722

Ion Ratio Lower Upper

107 100

144 25.4 21.1 31.7

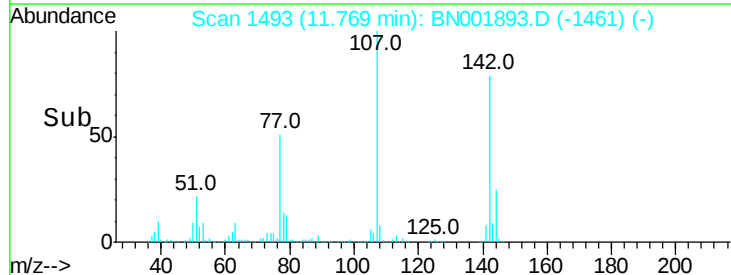
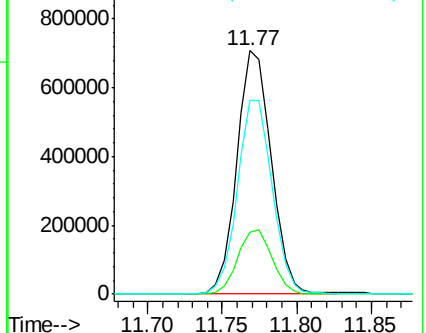
142 79.3 60.1 90.1

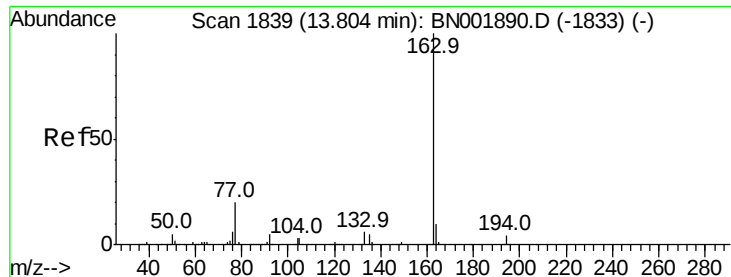


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

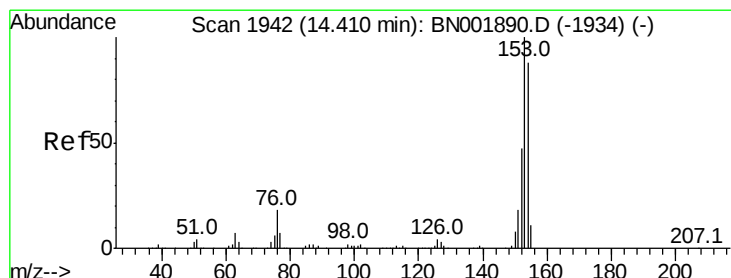
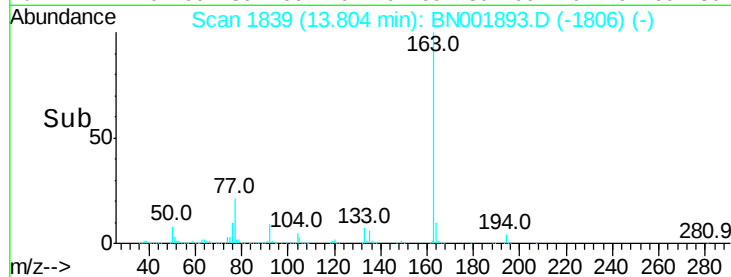
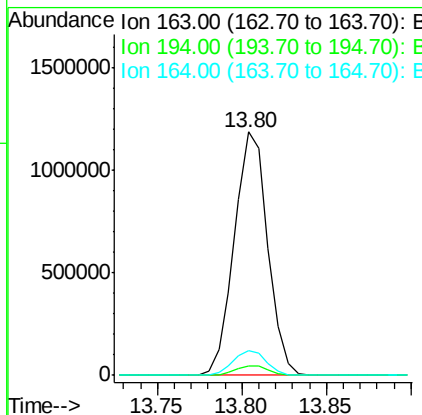
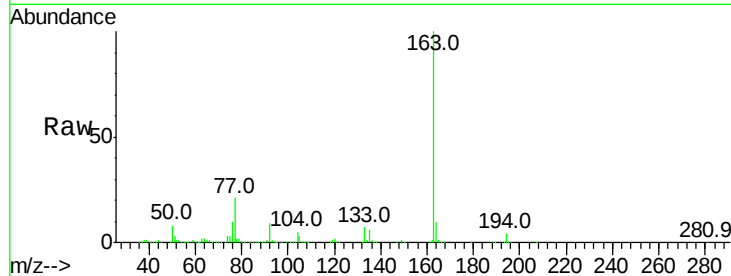




#44
Dimethylphthalate
Concen: 14.550 ng/ul
RT: 13.80 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BN001893.D
Acq: 20 Jun 2018 19:09

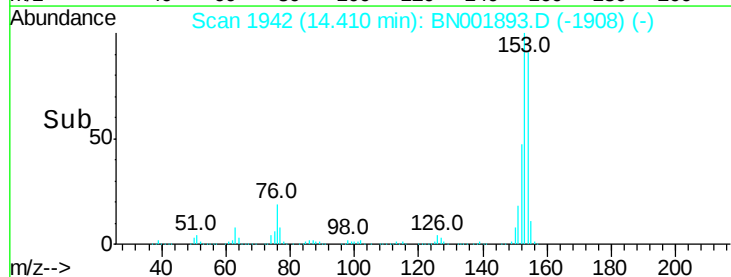
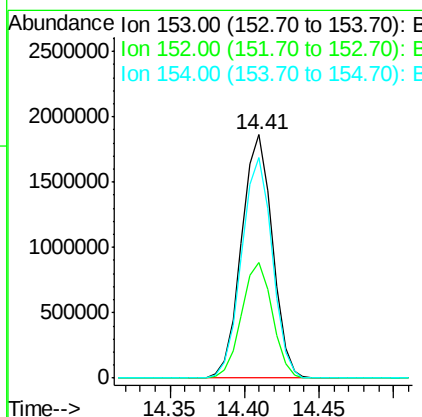
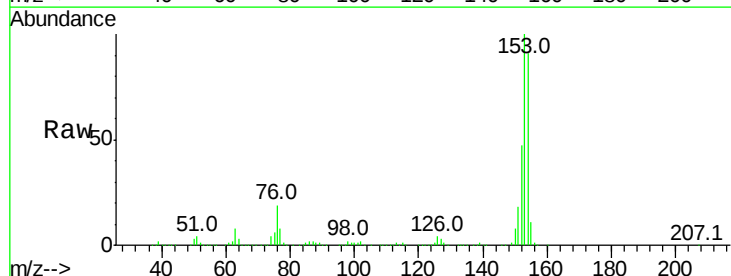
Instrument :
BNA_N
ClientSampleId :
DAXS2MSD

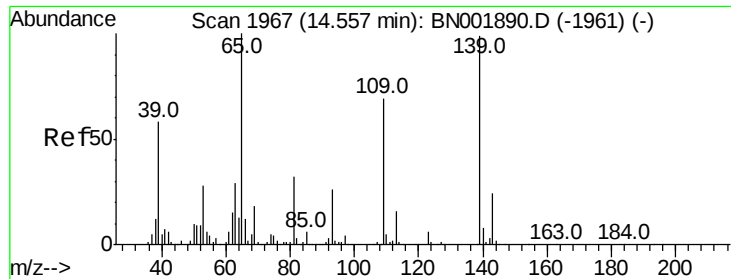
Tot Ion:163 Resp: 1631919
Ion Ratio Lower Upper
163 100
194 4.0 4.0 6.0
164 10.3 8.4 12.6



#49
Acenaphthene
Concen: 28.370 ng/ul
RT: 14.41 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BN001893.D
Acq: 20 Jun 2018 19:09

Tgt Ion:153 Resp: 2676224
Ion Ratio Lower Upper
153 100
152 47.3 37.9 56.9
154 90.6 69.8 104.6





#52

4-Nitrophenol

Concen: 17.342 ng/ul

RT: 14.56 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BN001893.D

Acq: 20 Jun 2018 19:09

Instrument :

BNA_N

ClientSampleId :

DAXS2MSD

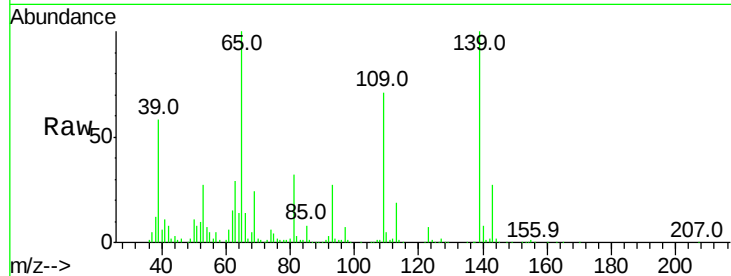
Tot Ion:109 Resp: 271108

Ion Ratio Lower Upper

109 100

139 140.1 91.2 136.8#

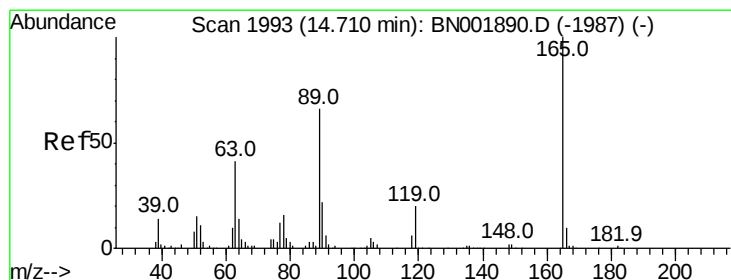
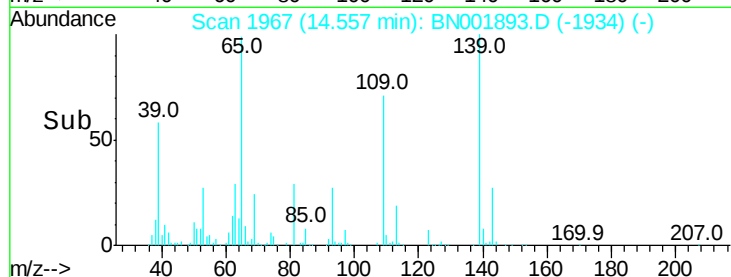
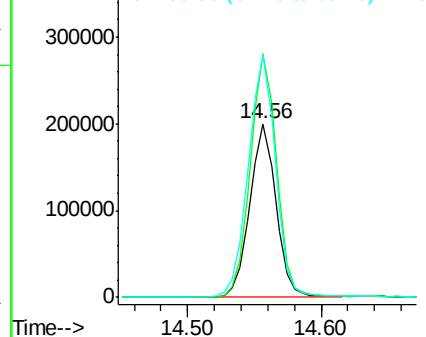
65 139.7 92.6 139.0#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC



#54

2,4-Dinitrotoluene

Concen: 26.310 ng/ul

RT: 14.71 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BN001893.D

Acq: 20 Jun 2018 19:09

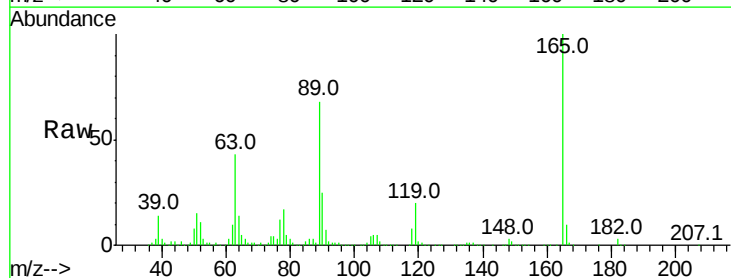
Tgt Ion:165 Resp: 828434

Ion Ratio Lower Upper

165 100

63 42.7 31.4 47.0

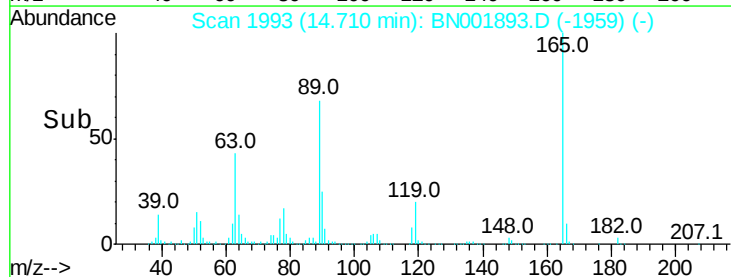
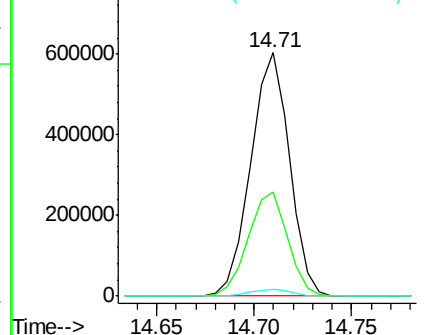
182 3.0 2.7 4.1

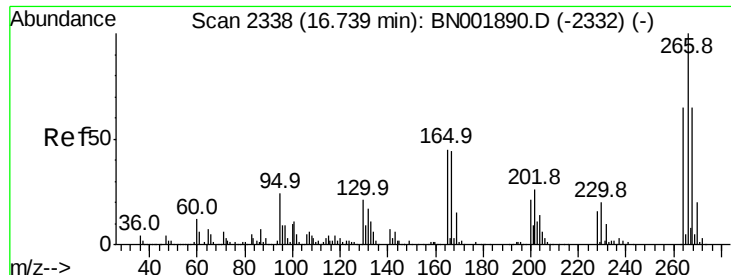


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E

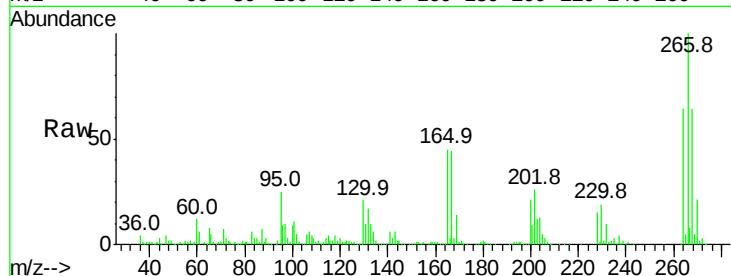




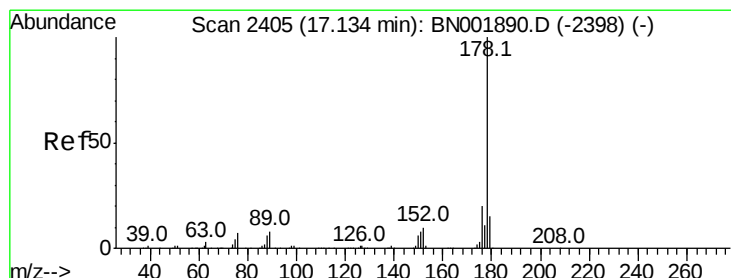
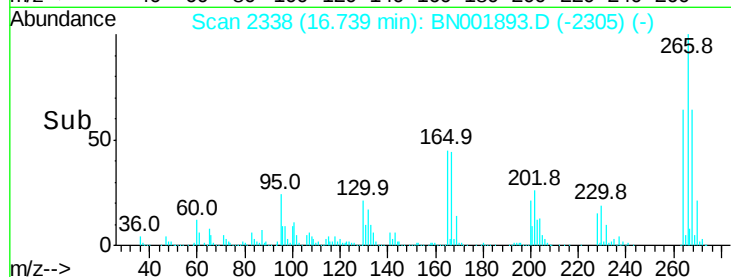
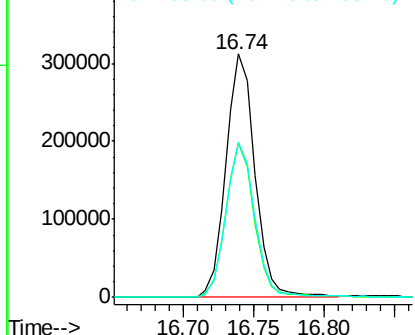
#68
 Pentachlorophenol
 Concen: 26.054 ng/ul
 RT: 16.74 min Scan# 2338
 Delta R.T. -0.01 min
 Lab File: BN001893.D
 Acq: 20 Jun 2018 19:09

Instrument :
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 DAXS2MSD

Tot Ion:266 Resp: 448422
 Ion Ratio Lower Upper
 266 100
 264 63.5 48.2 72.4
 268 63.7 52.3 78.5

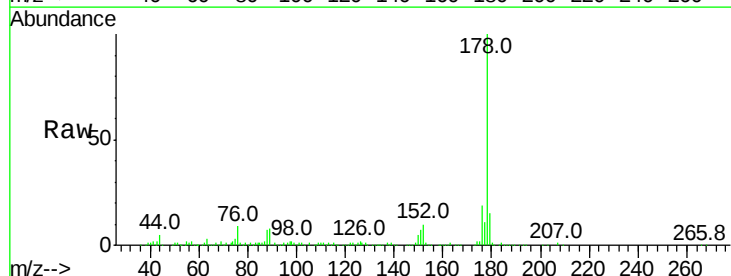


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

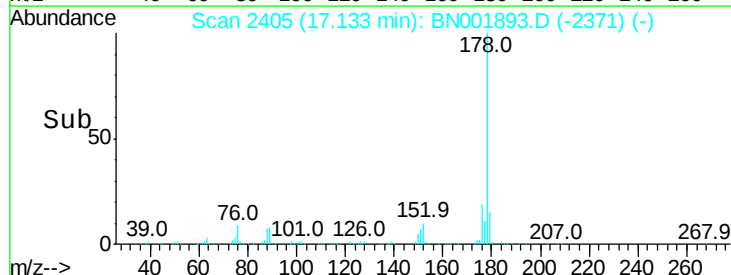
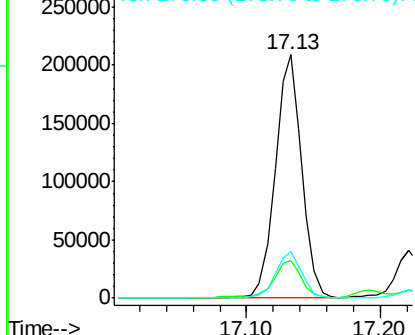


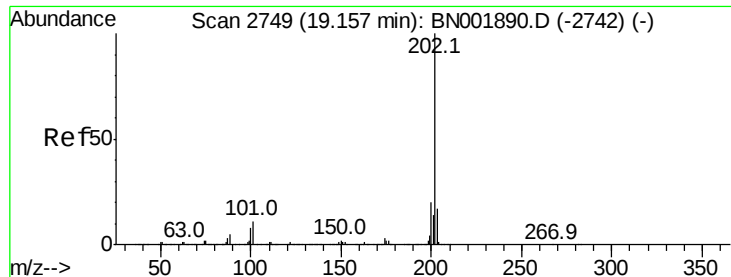
#69
 Phenanthrene
 Concen: 2.016 ng/ul
 RT: 17.13 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BN001893.D
 Acq: 20 Jun 2018 19:09

Tgt Ion:178 Resp: 288869
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.3 18.5
 176 19.2 15.4 23.0



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

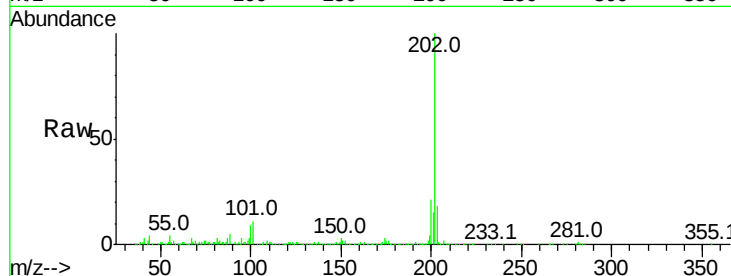




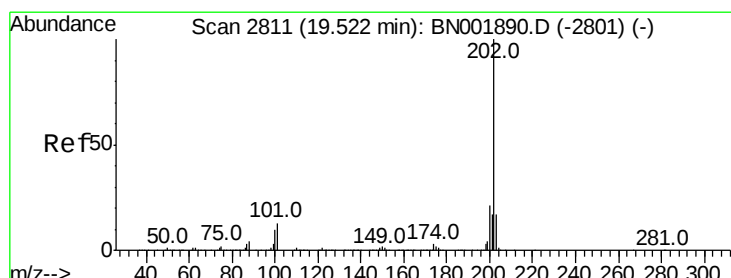
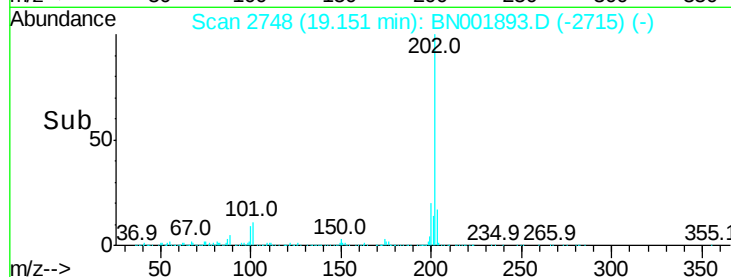
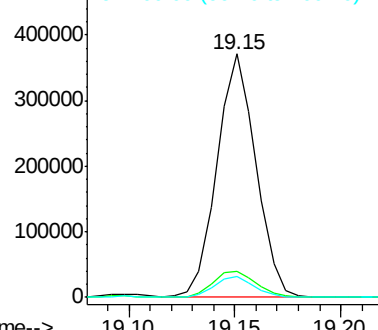
#74
 Fluoranthene
 Concen: 3.124 ng/ul
 RT: 19.15 min Scan# 2748
 Delta R.T. -0.01 min
 Lab File: BN001893.D
 Acq: 20 Jun 2018 19:09

Instrument :
 BNA_N
 ClientSampleId :
 DAXS2MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	6.1	9.1#
100	8.6	4.6	7.0#

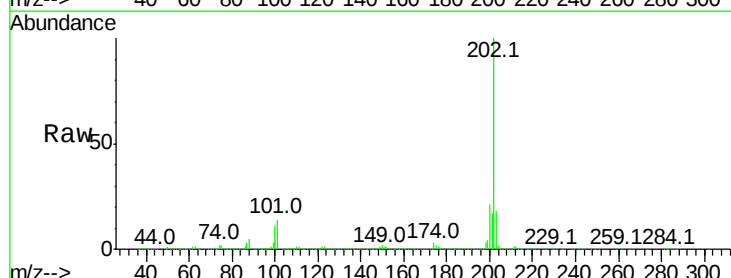


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

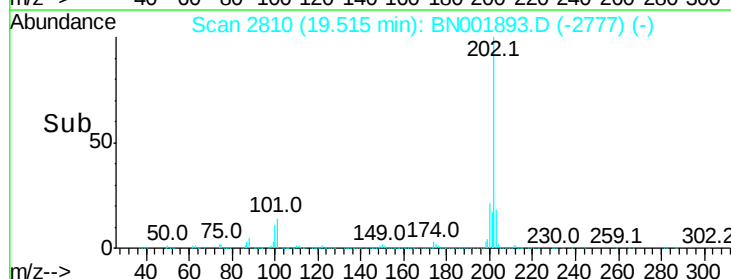
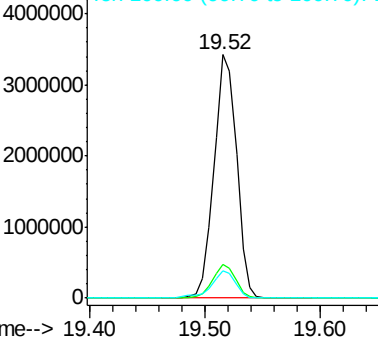


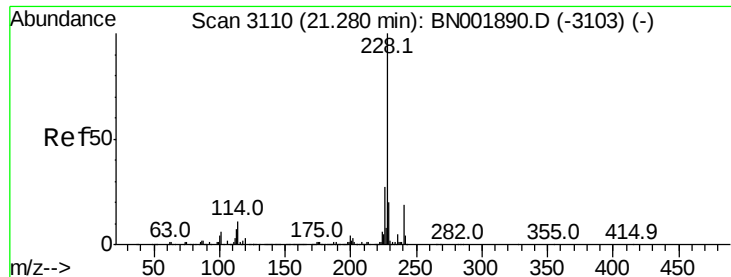
#77
 Pyrene
 Concen: 38.449 ng/ul
 RT: 19.52 min Scan# 2810
 Delta R.T. -0.01 min
 Lab File: BN001893.D
 Acq: 20 Jun 2018 19:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	6.9	10.3#
100	11.3	5.6	8.4#



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

Benzo(a)anthracene

Concen: 1.622 ng/ul

RT: 21.27 min Scan# 3109

Delta R.T. -0.00 min

Lab File: BN001893.D

Acq: 20 Jun 2018 19:09

Instrument :

BNA_N

ClientSampleId :

DAXS2MSD

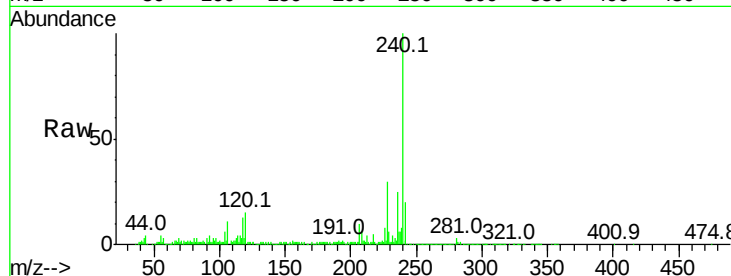
Tot Ion:228 Resp: 197404

Ion Ratio Lower Upper

228 100

229 20.7 16.0 24.0

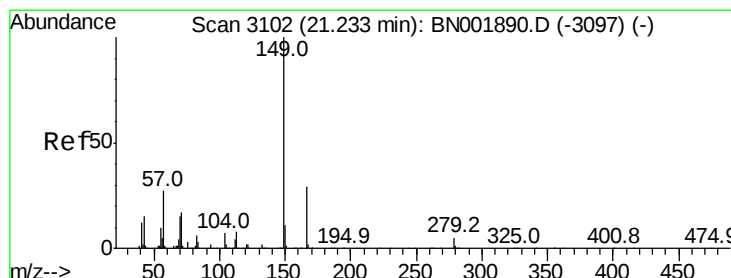
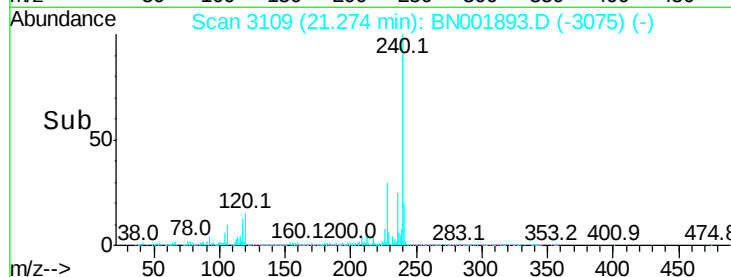
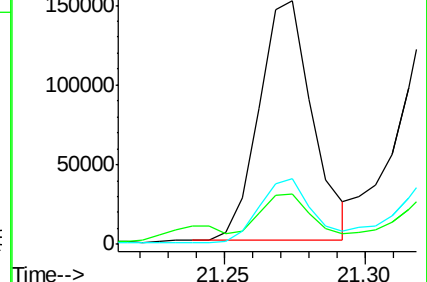
226 26.7 21.8 32.8



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 3.353 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BN001893.D

Acq: 20 Jun 2018 19:09

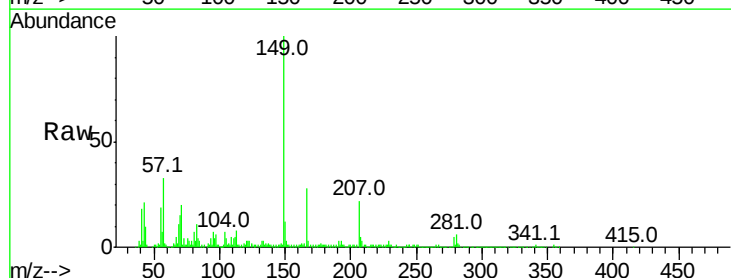
Tgt Ion:149 Resp: 257101

Ion Ratio Lower Upper

149 100

167 28.4 23.0 34.6

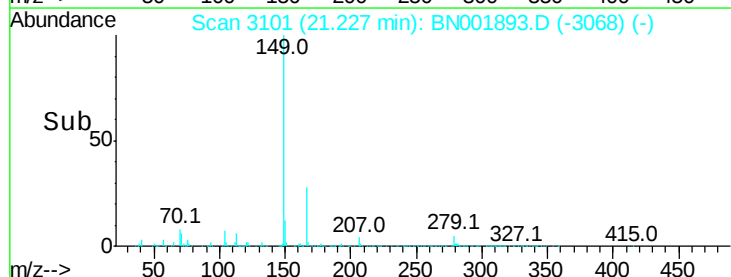
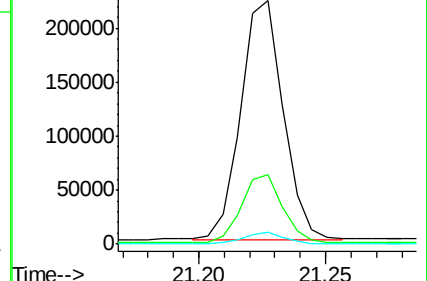
279 4.9 4.3 6.5

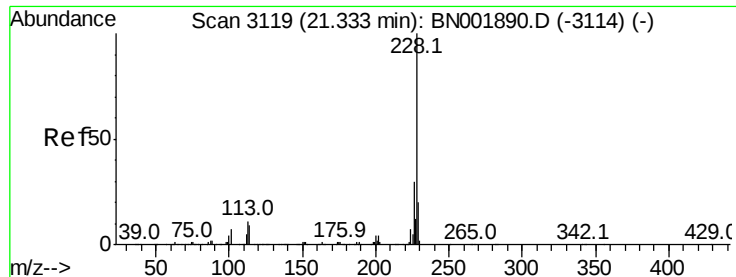


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 1.846 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BN001893.D

Acq: 20 Jun 2018 19:09

Instrument :

BNA_N

ClientSampleId :

DAXS2MSD

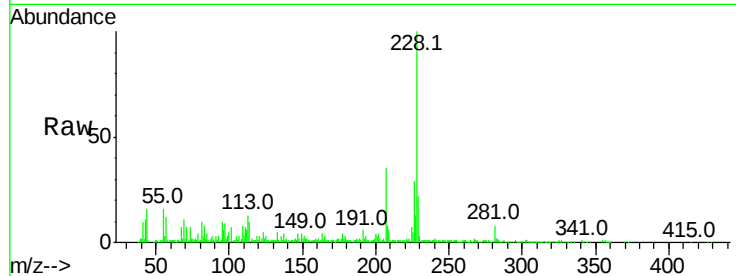
Tot Ion:228 Resp: 208975

Ion Ratio Lower Upper

228 100

226 28.6 24.1 36.1

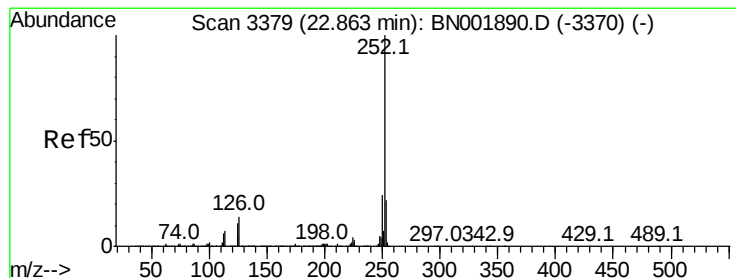
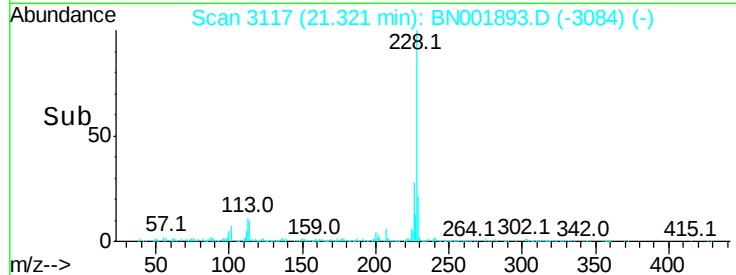
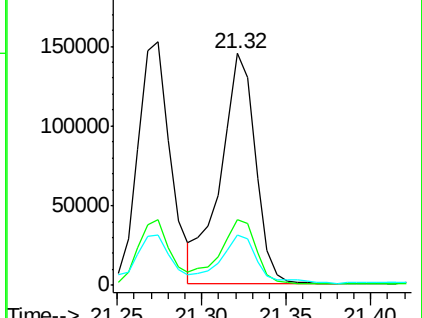
229 22.0 16.0 24.0



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



#85

Benzo(b)fluoranthene

Concen: 2.033 ng/ul

RT: 22.85 min Scan# 3377

Delta R.T. -0.01 min

Lab File: BN001893.D

Acq: 20 Jun 2018 19:09

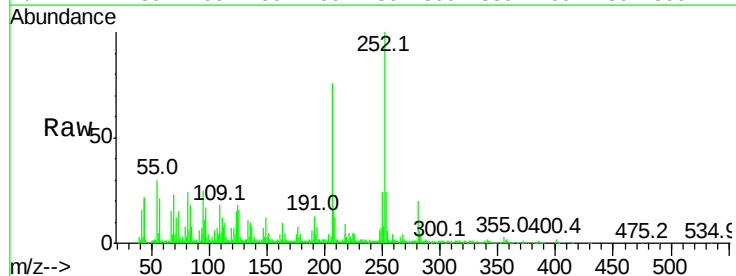
Tgt Ion:252 Resp: 257058

Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.0

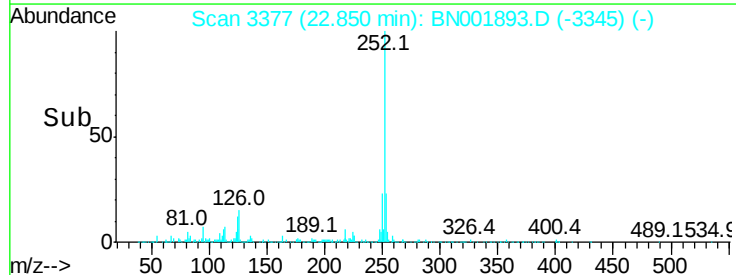
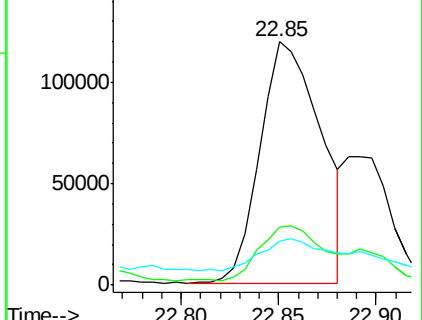
125 17.9 4.9 7.3#

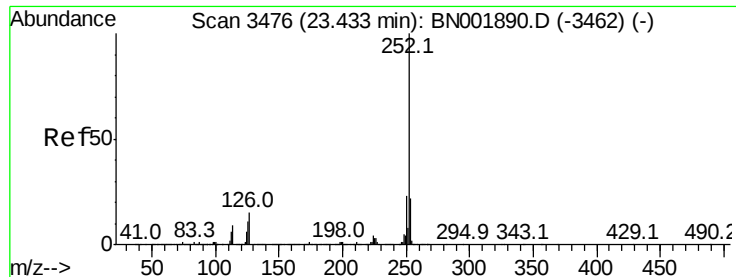


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.537 ng/ul

RT: 23.42 min Scan# 3474

Delta R.T. -0.01 min

Lab File: BN001893.D

Acq: 20 Jun 2018 19:09

Instrument :

BNA_N

ClientSampleId :

DAXS2MSD

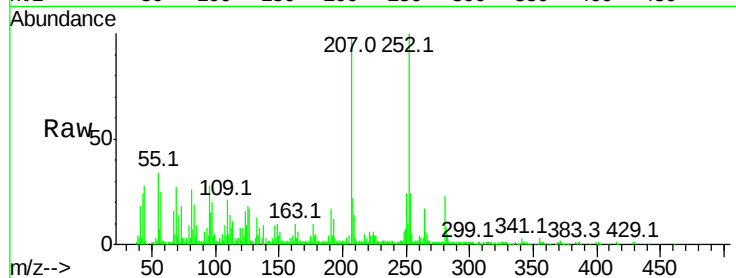
Tot Ion:252 Resp: 181649

Ion Ratio Lower Upper

252 100

253 23.7 17.2 25.8

125 17.5 5.8 8.6#



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

