

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100117\
 Data File : BM011809.D
 Acq On : 01 Oct 2017 15:20
 Operator : SJ/JU
 Sample : I5477-17MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ET243MS

Manual Integrations
 APPROVED

Sohil
 10/2/2017 5:52:55 PM

Quant Time: Oct 02 03:58:00 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 02 02:22:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	97401	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	439719	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	263680	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	641621	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	775469	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	886657	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	12915	5.91	ng/uL	0.00
5) Phenol-d5	7.03	99	75091	7.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	217777	31.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	187607	26.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	133479	17.79	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	114975	33.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.77	143	124780	34.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	206849	29.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.85	131	10271m	1.33	ng/ul	0.02
43) Dimethylphthalate-d6	13.93	166	843902	37.31	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	946691	34.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	28285m	7.32	ng/ul	0.00
57) Fluorene-d10	15.52	176	707312	36.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	128527	29.57	ng/ul	0.00
70) Anthracene-d10	17.36	188	1190862	36.47	ng/ul	0.00
76) Pyrene-d10	19.65	212	1479954	39.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	1559562	36.74	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.06	94	67317	6.948	ng/ul#	90
10) 2-Chlorophenol	7.45	128	161909	23.282	ng/ul#	83
15) N-Nitroso-di-n-propylamine	8.69	70	170935	25.117	ng/ul	96
33) 4-Chloro-3-methylphenol	11.96	107	205986	27.400	ng/ul	98
49) Acenaphthene	14.59	153	475034	25.424	ng/ul	98
52) 4-Nitrophenol	14.73	109	31959m	8.453	ng/ul	
54) 2,4-Dinitrotoluene	14.89	165	151161	26.595	ng/ul#	73
68) Pentachlorophenol	16.92	266	157200	30.452	ng/ul	98
77) Pvrene	19.68	202	1316308	28.484	ng/ul#	91

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

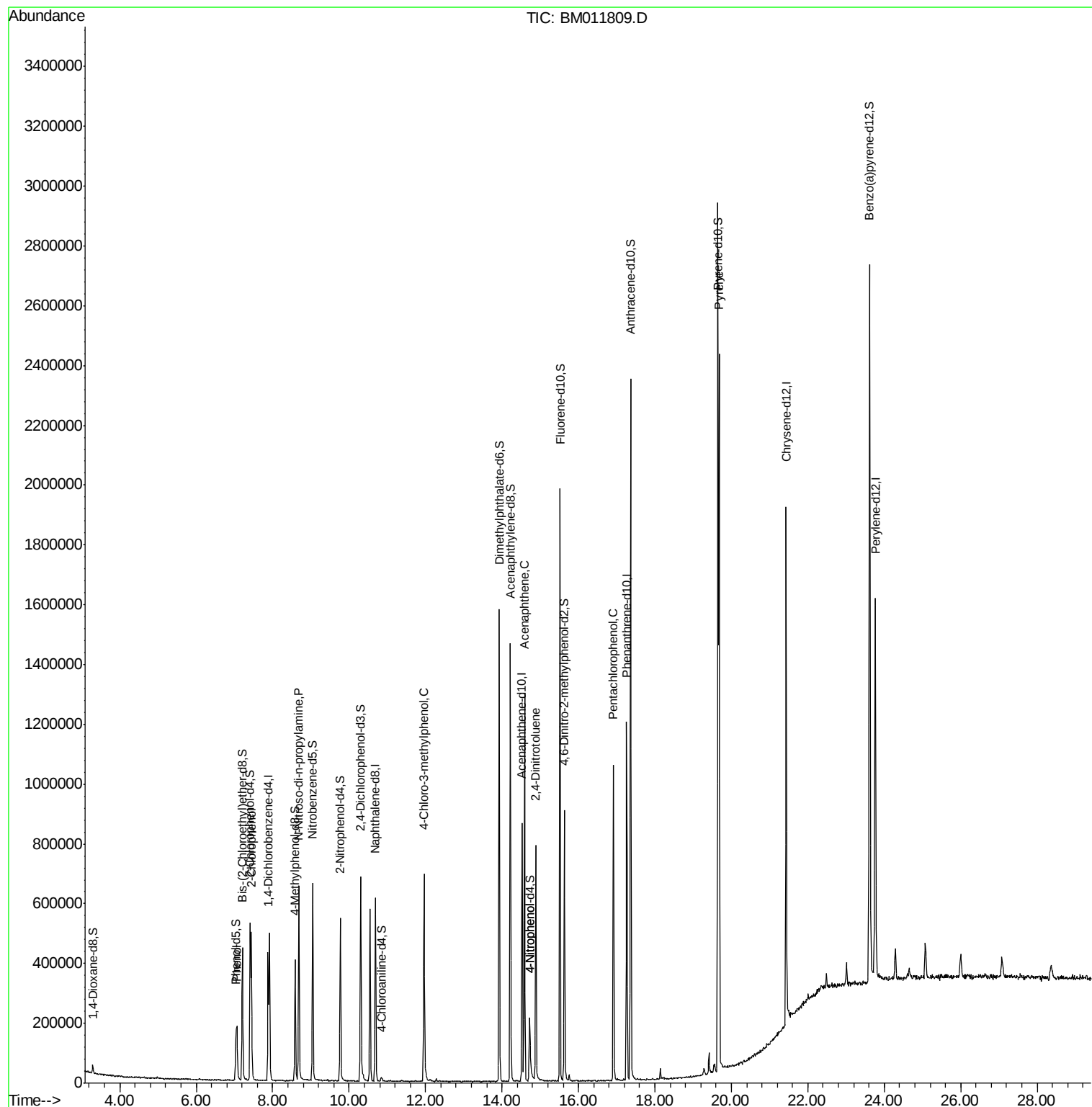
Data Path : Z:\HPCHEM1\BNA M\DATA\BM100117\
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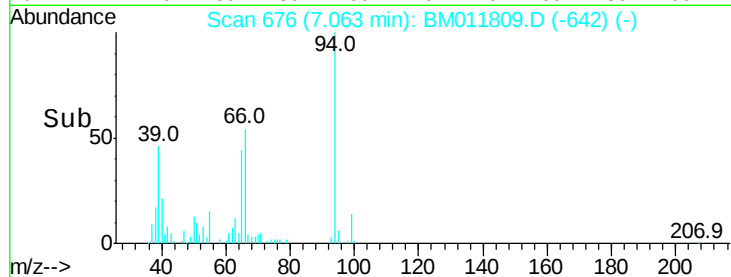
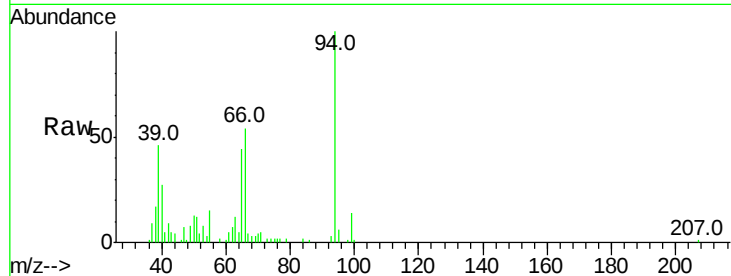
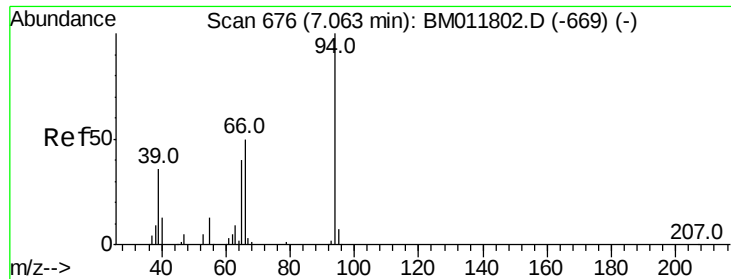
Instrument :
BNA_M
ClientSampleId :
ET243MS

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Quant Time: Oct 02 03:58:00 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 02 02:22:21 2017
Response via : Initial Calibration





#6

Phenol

Concen: 6.948 ng/ul

RT: 7.06 min Scan# 676

Delta R.T. 0.00 min

Lab File: BM011809.D

Acq: 01 Oct 2017 15:20

Instrument :

BNA_M

ClientSampled :

ET243MS

Tot Ion: 94 Resp: 67317

Ion Ratio Lower Upper

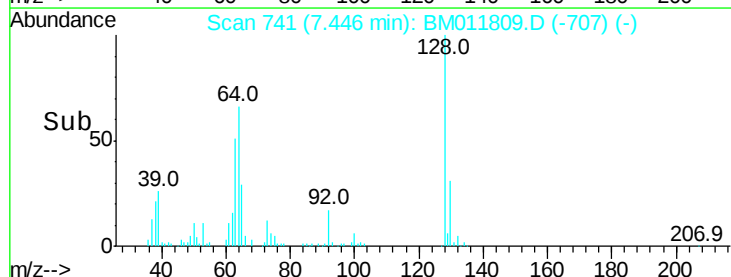
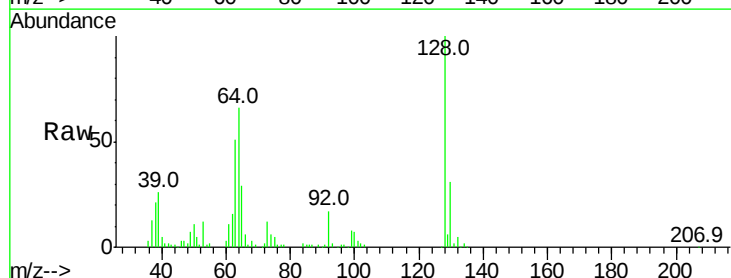
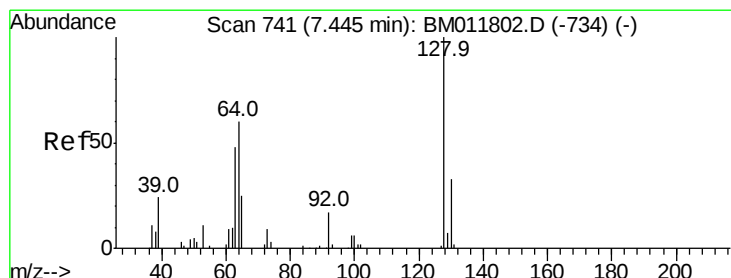
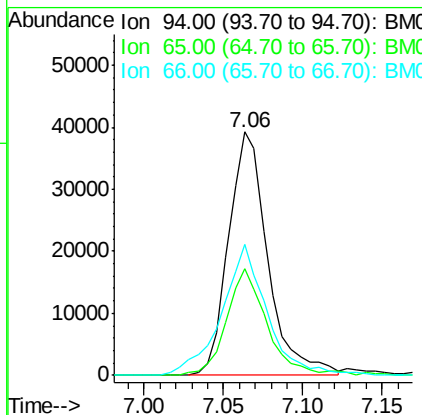
94 100

65 43.6 28.2 42.4#

66 53.8 47.2 70.8

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#10

2-Chlorophenol

Concen: 23.282 ng/ul

RT: 7.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BM011809.D

Acq: 01 Oct 2017 15:20

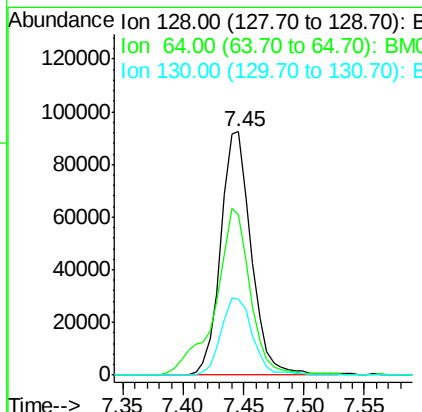
Tgt Ion: 128 Resp: 161909

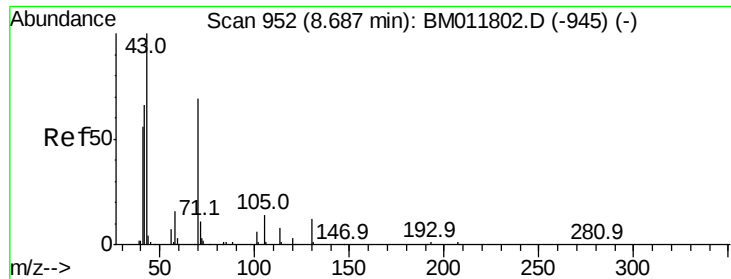
Ion Ratio Lower Upper

128 100

64 65.8 38.0 57.0#

130 31.4 24.4 36.6





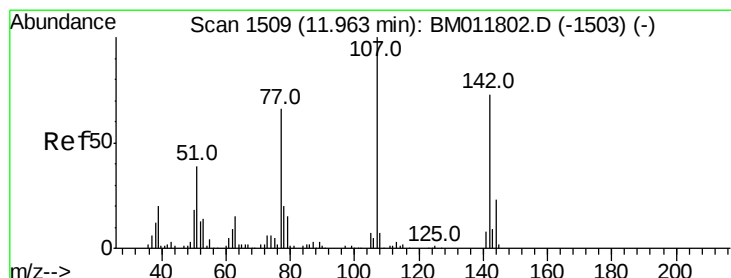
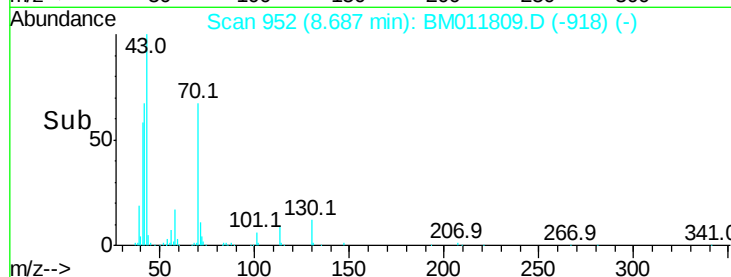
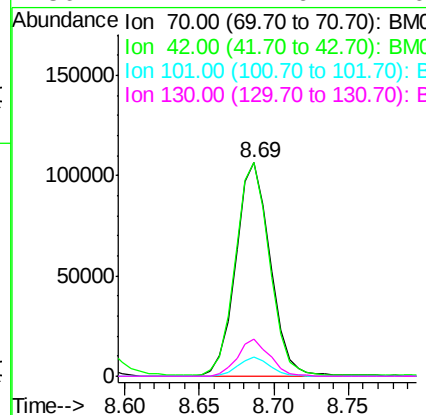
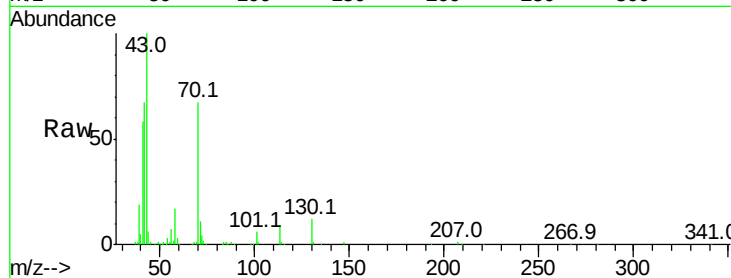
#15
N-Nitroso-di-n-propylamine
Concen: 25.117 ng/ul
RT: 8.69 min Scan# 952
Delta R.T. 0.00 min
Lab File: BM011809.D
Acq: 01 Oct 2017 15:20

Instrument :
BNA_M
ClientSampleId :
ET243MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	99.9	76.0	114.0
101	9.0	6.7	10.1
130	17.2	14.6	22.0

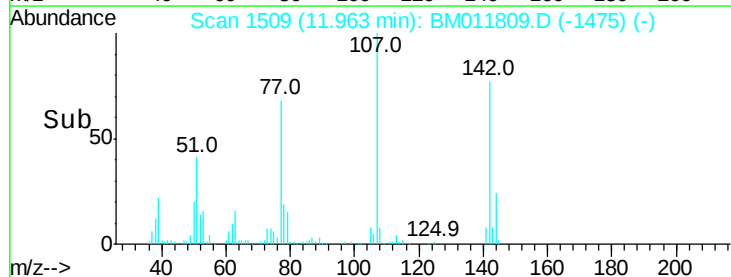
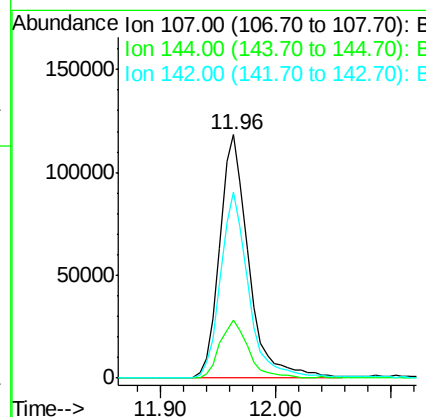
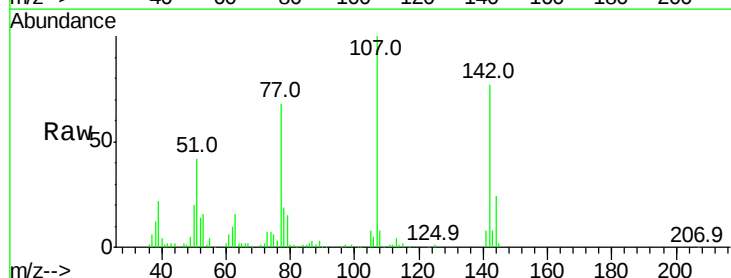
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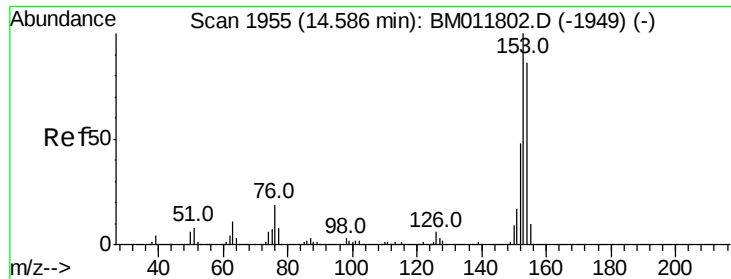
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#33
4-Chloro-3-methylphenol
Concen: 27.400 ng/ul
RT: 11.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BM011809.D
Acq: 01 Oct 2017 15:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.9	20.4	30.6
142	76.5	60.5	90.7





#49

Acenaphthene

Concen: 25.424 ng/ul

RT: 14.59 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BM011809.D

Acq: 01 Oct 2017 15:20

Instrument :

BNA_M

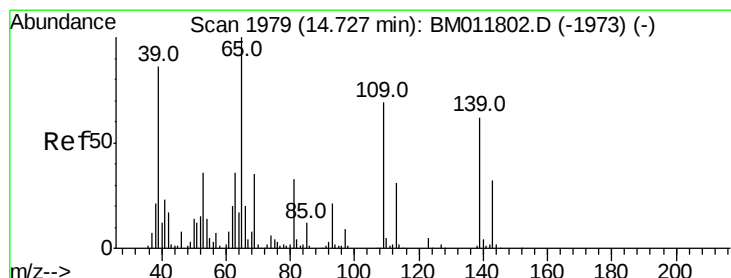
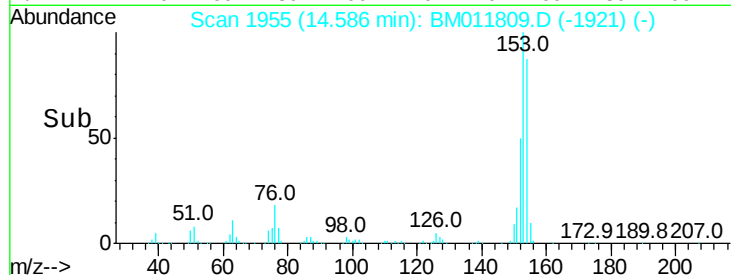
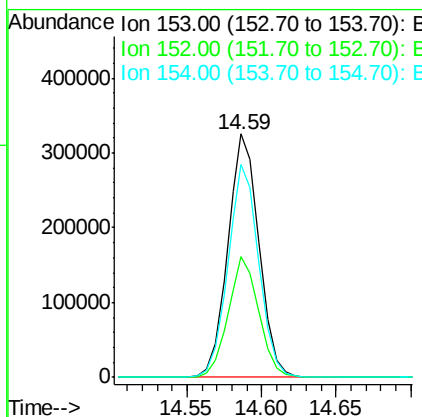
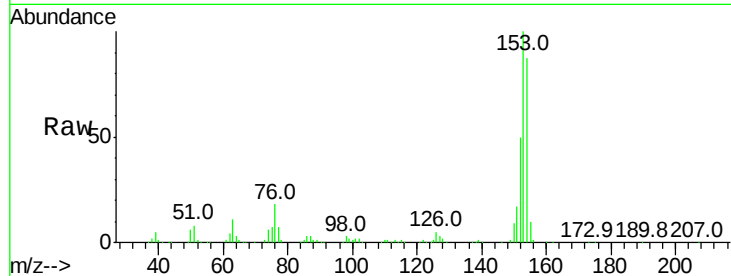
ClientSampleId :

ET243MS

Tot Ion:	153	Resp:	475034
Ion Ratio	Lower	Upper	
153	100		
152	49.6	37.6	56.4
154	87.2	70.4	105.6

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#52

4-Nitrophenol

Concen: 8.453 ng/ul m

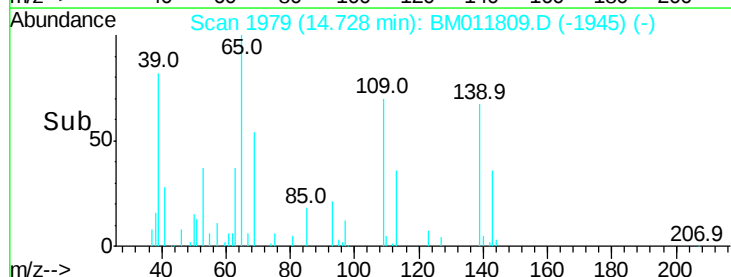
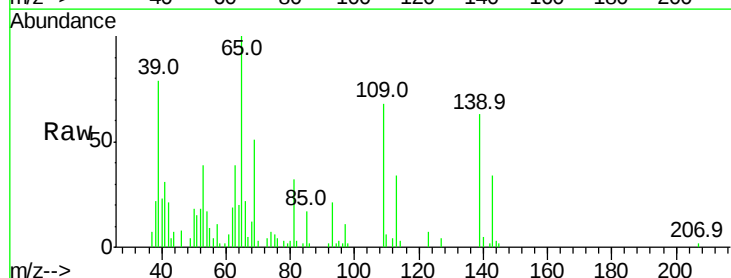
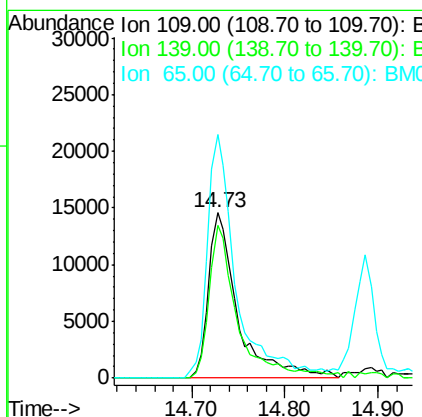
RT: 14.73 min Scan# 1979

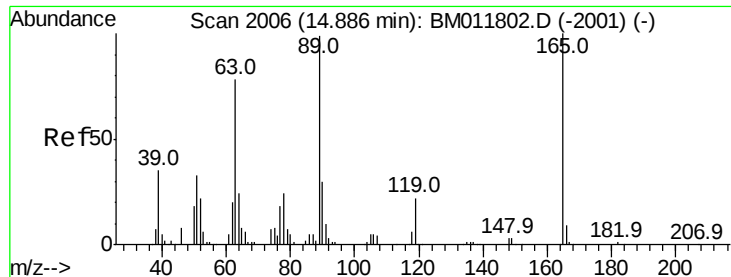
Delta R.T. 0.00 min

Lab File: BM011809.D

Acq: 01 Oct 2017 15:20

Tgt Ion:	109	Resp:	31959
Ion Ratio	Lower	Upper	
109	100		
139	92.3	80.0	120.0
65	147.2	120.0	180.0





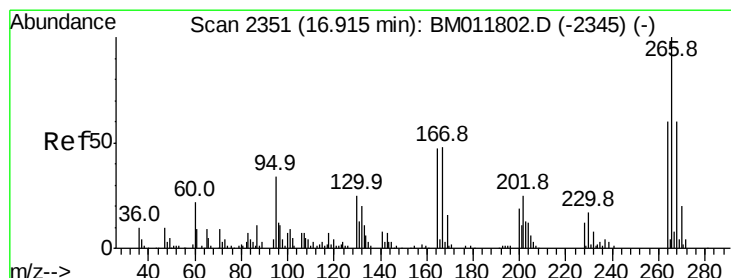
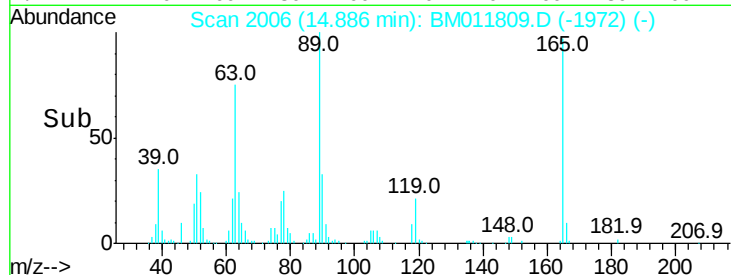
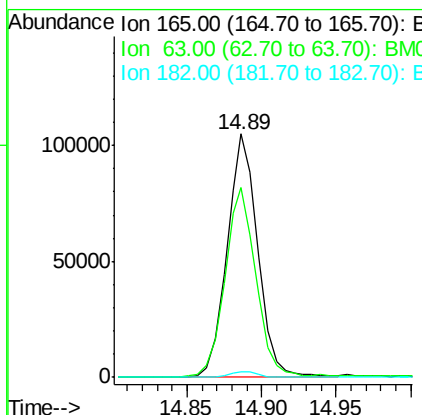
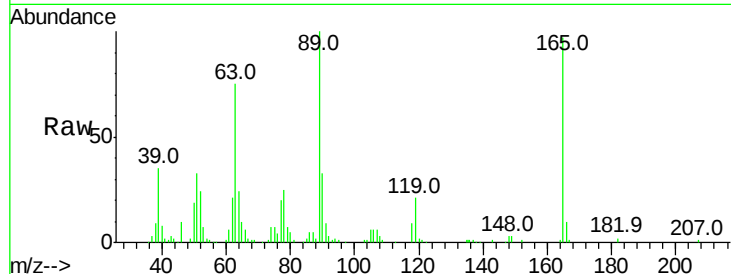
#54
 2,4-Dinitrotoluene
 Concen: 26.595 ng/ul
 RT: 14.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BM011809.D
 Acq: 01 Oct 2017 15:20

Instrument :
 BNA_M
 ClientSampleId :
 ET243MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	151161		
63	77.9	45.8	68.8#	
182	2.3	2.6	4.0#	

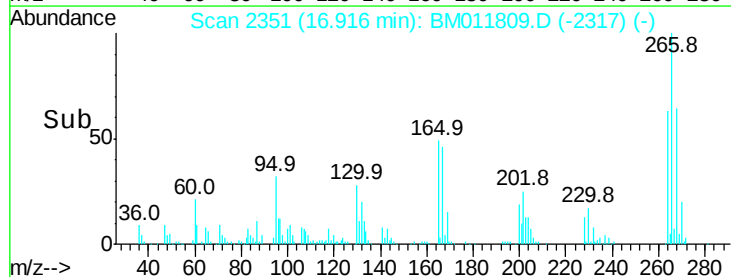
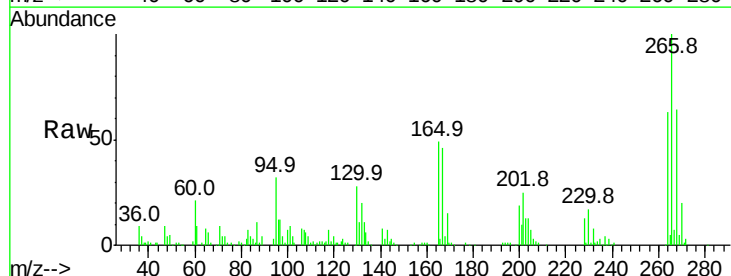
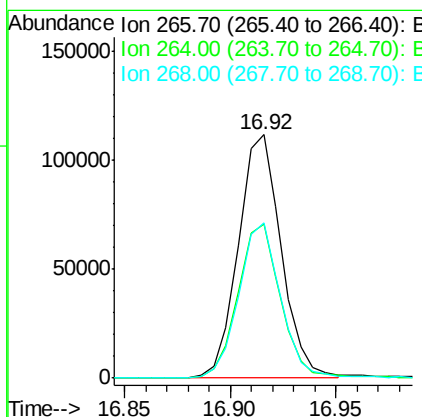
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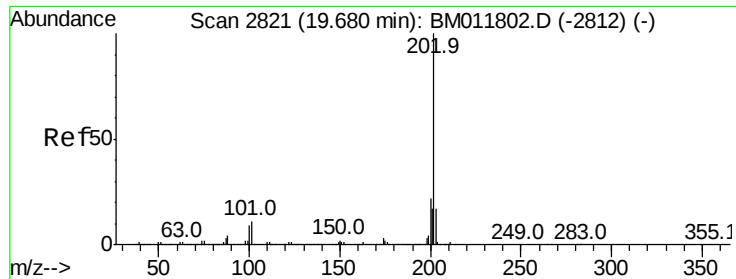
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#68
 Pentachlorophenol
 Concen: 30.452 ng/ul
 RT: 16.92 min Scan# 2351
 Delta R.T. 0.00 min
 Lab File: BM011809.D
 Acq: 01 Oct 2017 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	157200		
264	63.2	49.3	73.9	
268	63.8	52.6	78.8	





#77

Pvrene

Concen: 28.484 ng/ul

RT: 19.68 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BM011809.D

Acq: 01 Oct 2017 15:20

Instrument :

BNA_M

ClientSampleId :

ET243MS

Tot Ion: 202 Resp: 1316308

Ion Ratio Lower Upper

202 100

101 9.9 5.1 7.7#

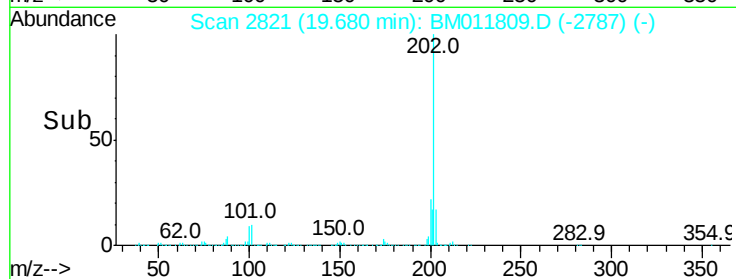
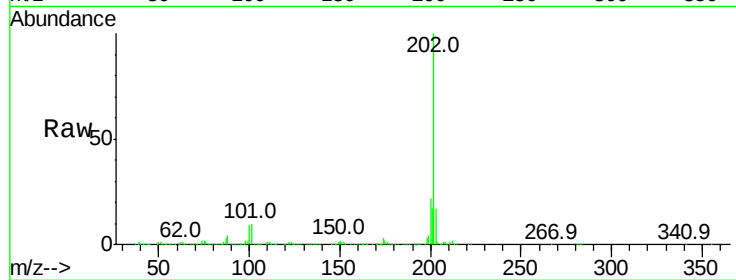
100 8.5 4.9 7.3#

Manual Integrations

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10/2/2017 5:52:55 PM



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

