

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100117\
 Data File : BM011810.D
 Acq On : 01 Oct 2017 15:56
 Operator : SJ/JU
 Sample : I5477-18MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ET243MSD

Manual Integrations
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Quant Time: Oct 02 04:02:17 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	125237	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	577910	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	351336	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	874411	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1059067	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1174756	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	12902	4.59	ng/uL	0.00
5) Phenol-d5	7.04	99	67745	5.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	220612	24.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	192793	21.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	126773	13.14	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	114226	25.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.77	143	127725	26.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	206698	22.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	1300	0.13	ng/ul	0.05
43) Dimethylphthalate-d6	13.93	166	850082	28.21	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	943450	25.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	26757m	5.20	ng/ul	0.00
57) Fluorene-d10	15.52	176	715689	27.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	135811	22.93	ng/ul	0.00
70) Anthracene-d10	17.36	188	1198947	26.94	ng/ul	0.00
76) Pyrene-d10	19.65	212	1501808	29.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	1532662	27.25	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.06	94	77805	6.246	ng/ul 92
10) 2-Chlorophenol	7.45	128	195053	21.814	ng/ul# 87
15) N-Nitroso-di-n-propylamine	8.69	70	212768	24.315	ng/ul 99
33) 4-Chloro-3-methylphenol	11.96	107	240868	24.379	ng/ul 93
49) Acenaphthene	14.59	153	565930	22.732	ng/ul 98
52) 4-Nitrophenol	14.73	109	32634m	6.478	ng/ul
54) 2,4-Dinitrotoluene	14.89	165	185428	24.485	ng/ul# 75
68) Pentachlorophenol	16.92	266	192797	27.405	ng/ul 99
77) Pvrene	19.68	202	1578725	25.015	ng/ul# 90

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

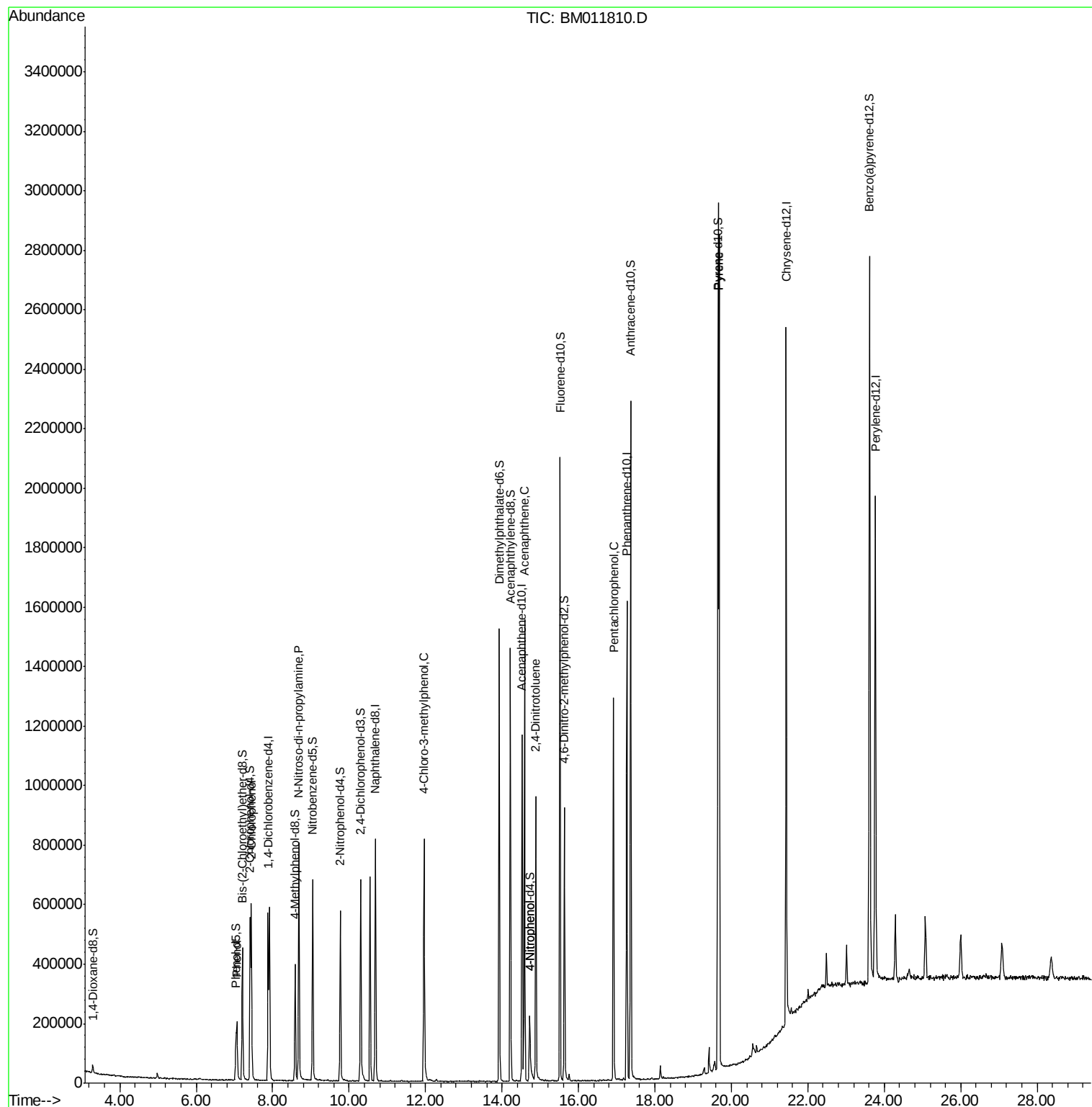
Data Path : Z:\HPCHEM1\BNA M\DATA\BM100117\
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ALS Vial : 10 Sample Multiplier: 1

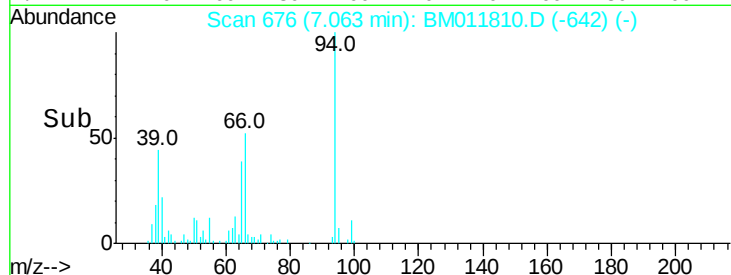
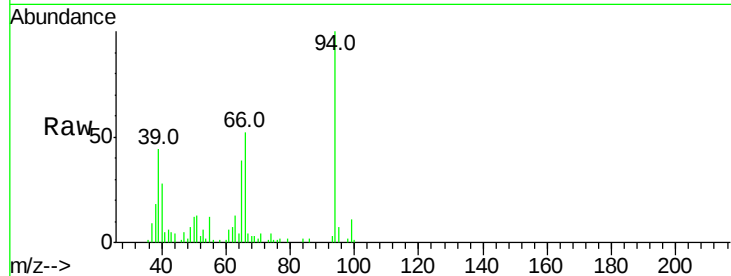
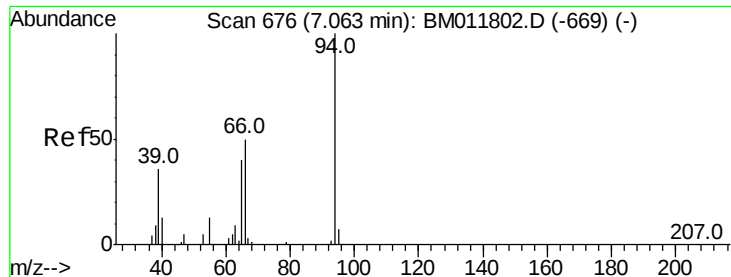
Instrument :
BNA_M
ClientSampleId :
ET243MSD

Quant Time: Oct 02 04:02:17 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

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#6

Phenol

Concen: 6.246 ng/ul

RT: 7.06 min Scan# 676

Delta R.T. 0.00 min

Lab File: BM011810.D

Acq: 01 Oct 2017 15:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	39.5	28.2	42.4		
66	52.5	47.2	70.8		

Instrument :

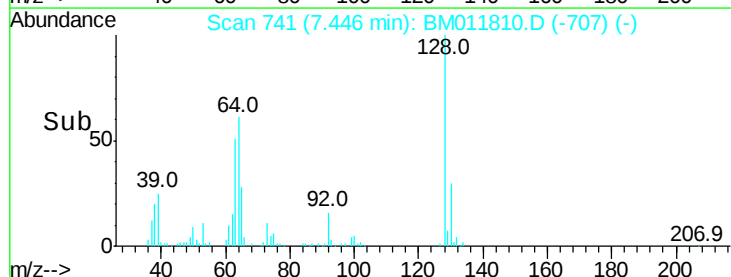
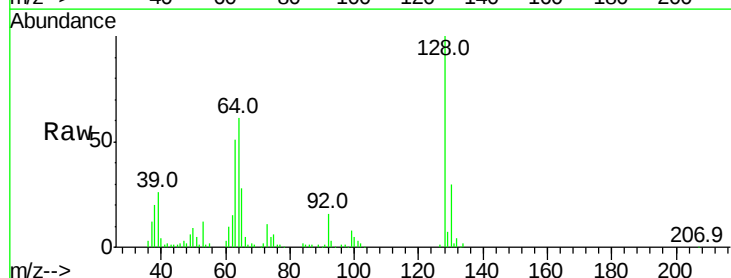
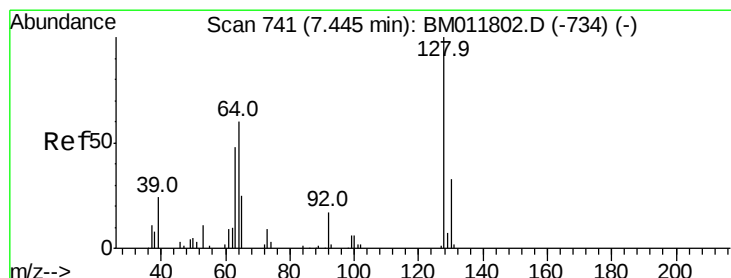
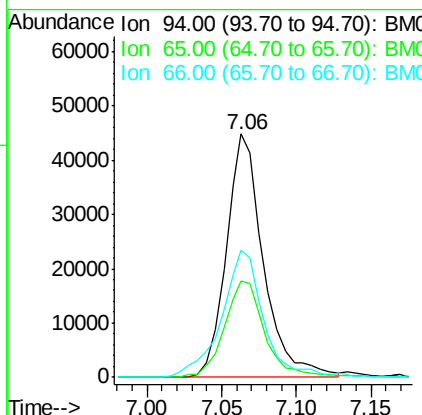
BNA_M

ClientSampleId :

ET243MSD

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#10

2-Chlorophenol

Concen: 21.814 ng/ul

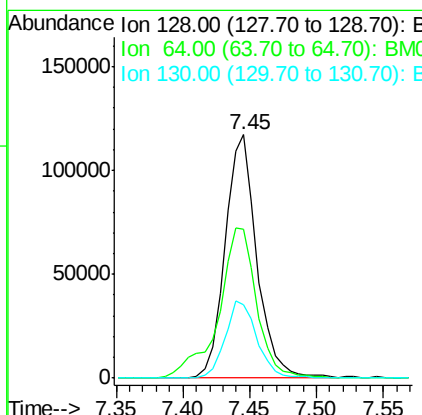
RT: 7.45 min Scan# 741

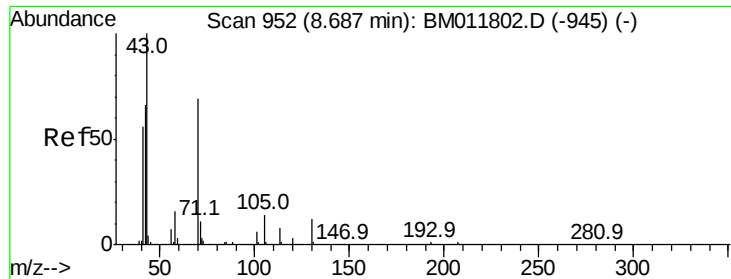
Delta R.T. 0.00 min

Lab File: BM011810.D

Acq: 01 Oct 2017 15:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100				
64	61.4	38.0	57.0#		
130	30.2	24.4	36.6		





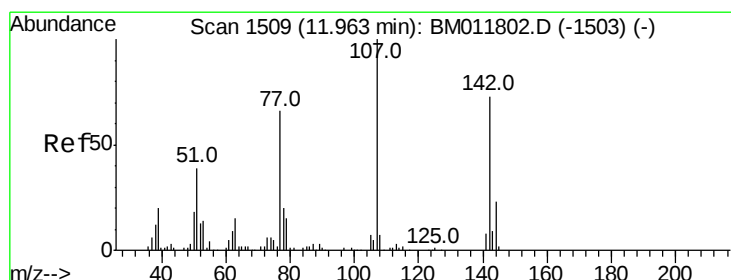
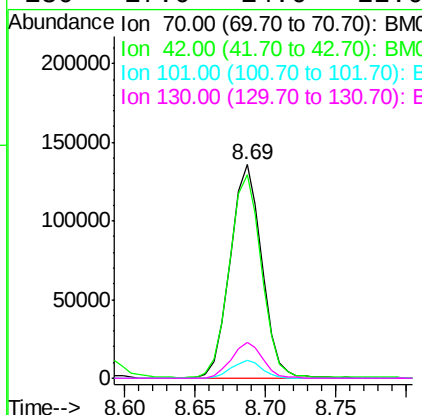
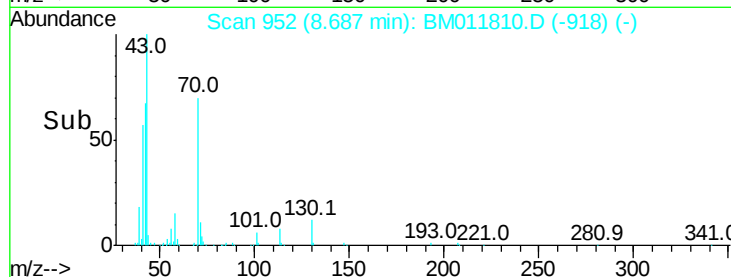
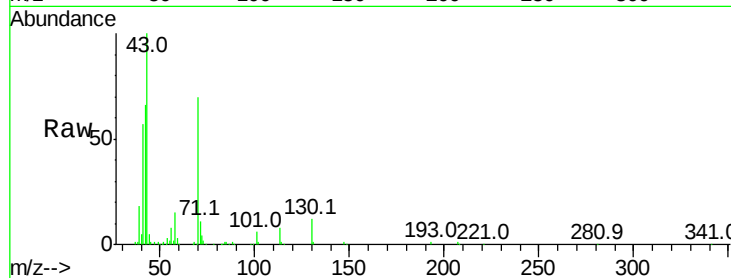
#15
N-Nitroso-di-n-propylamine
Concen: 24.315 ng/ul
RT: 8.69 min Scan# 952
Delta R.T. 0.00 min
Lab File: BM011810.D
Acq: 01 Oct 2017 15:56

Instrument :
BNA_M
ClientSampleId :
ET243MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	95.4	76.0	114.0
101	8.4	6.7	10.1
130	17.0	14.6	22.0

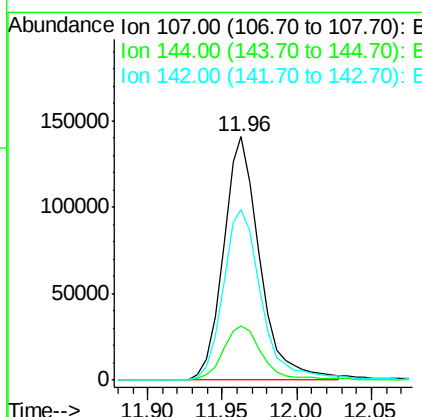
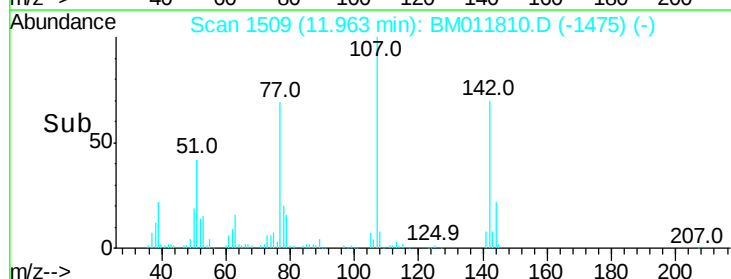
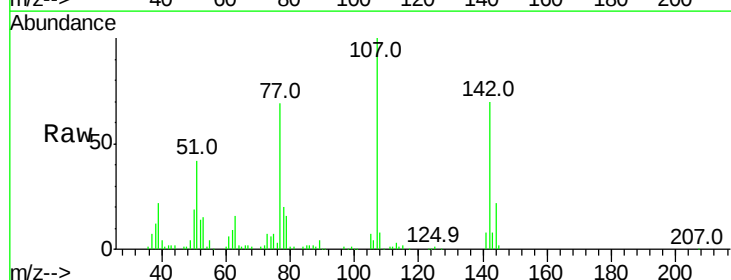
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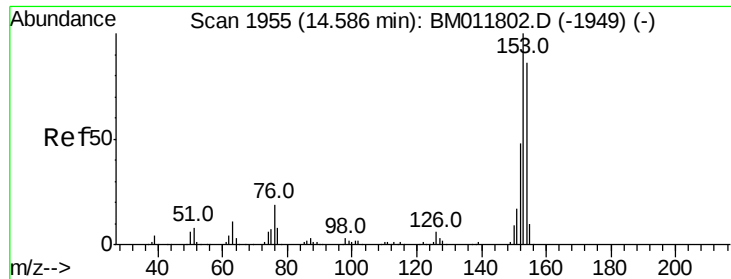
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#33
4-Chloro-3-methylphenol
Concen: 24.379 ng/ul
RT: 11.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BM011810.D
Acq: 01 Oct 2017 15:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.5	20.4	30.6
142	69.9	60.5	90.7





#49

Acenaphthene

Concen: 22.732 ng/ul

RT: 14.59 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BM011810.D

Acq: 01 Oct 2017 15:56

Instrument :

BNA_M

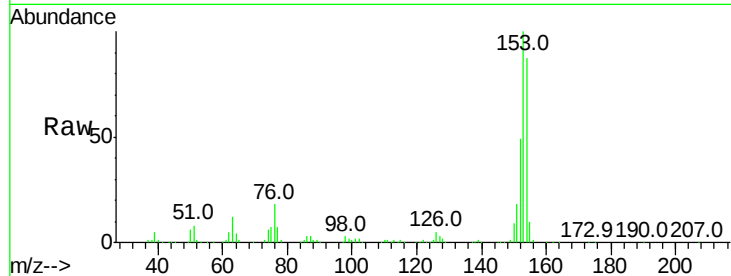
ClientSampled :

ET243MSD

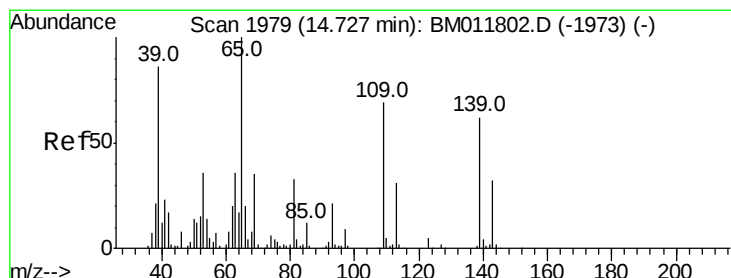
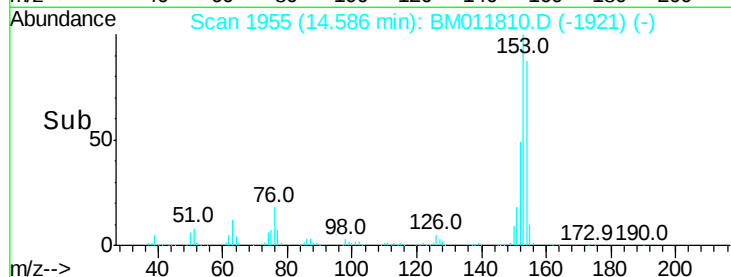
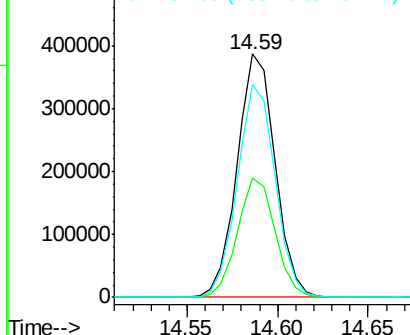
Tot Ion:	153	Resp:	565930
Ion Ratio	Lower	Upper	
153	100		
152	49.1	37.6	56.4
154	87.4	70.4	105.6

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 6.478 ng/ul m

RT: 14.73 min Scan# 1979

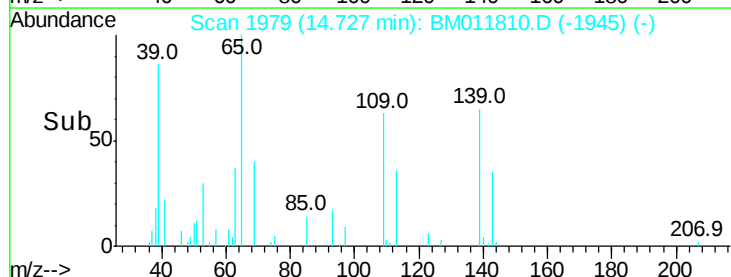
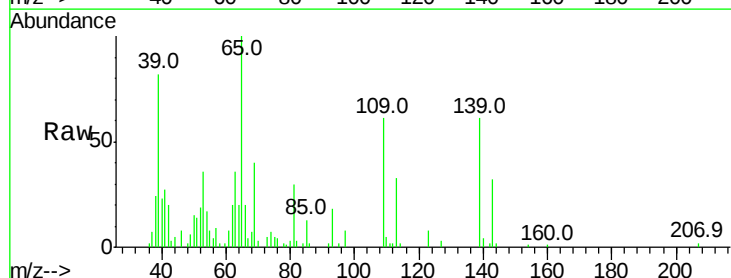
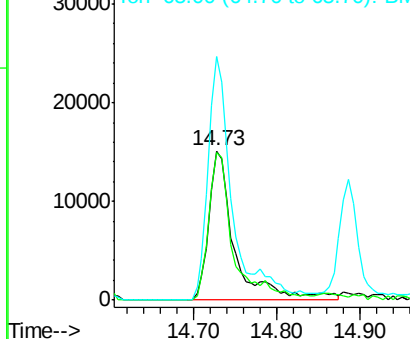
Delta R.T. 0.00 min

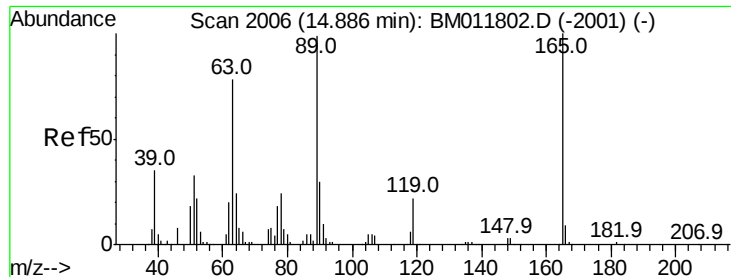
Lab File: BM011810.D

Acq: 01 Oct 2017 15:56

Tgt Ion:	109	Resp:	32634
Ion Ratio	Lower	Upper	
109	100		
139	98.9	80.0	120.0
65	163.4	120.0	180.0

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): BM





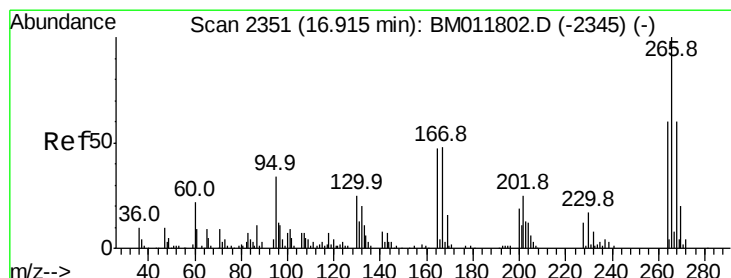
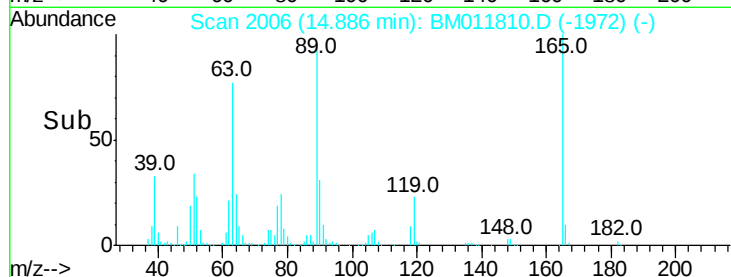
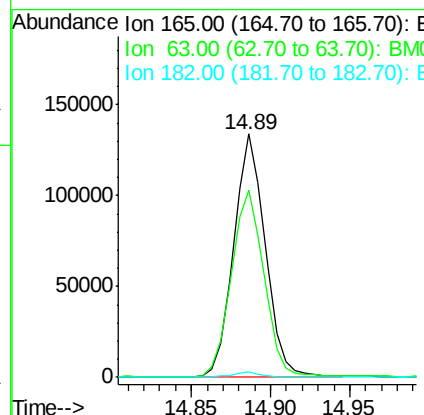
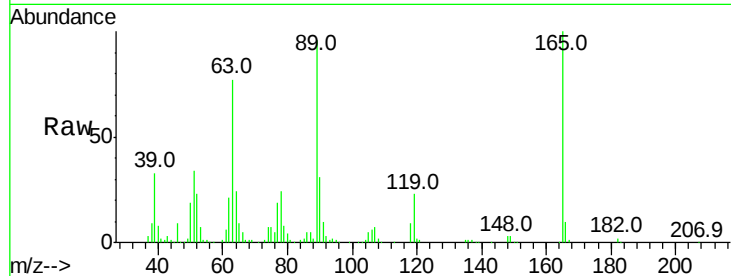
#54
 2,4-Dinitrotoluene
 Concen: 24.485 ng/ul
 RT: 14.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BM011810.D
 Acq: 01 Oct 2017 15:56

Instrument :
 BNA_M
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 ET243MSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	76.8	45.8	68.8#
182	2.2	2.6	4.0#

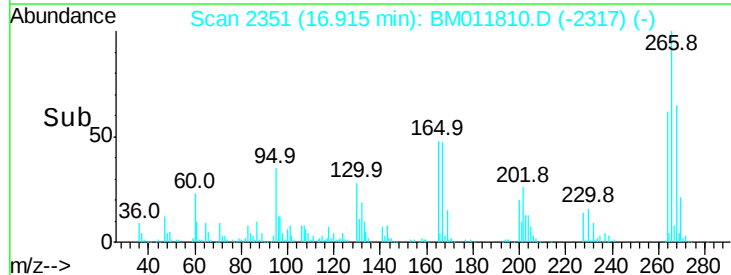
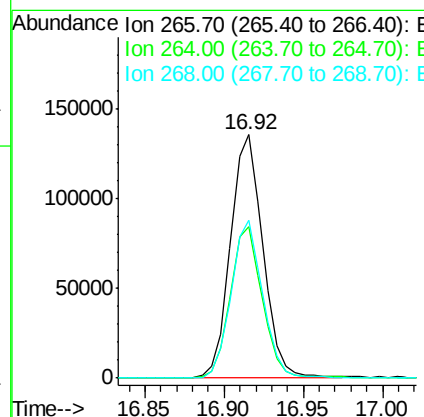
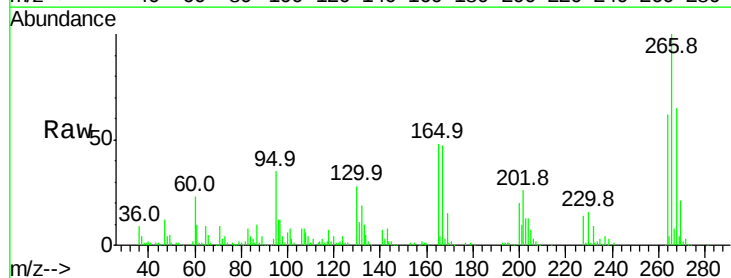
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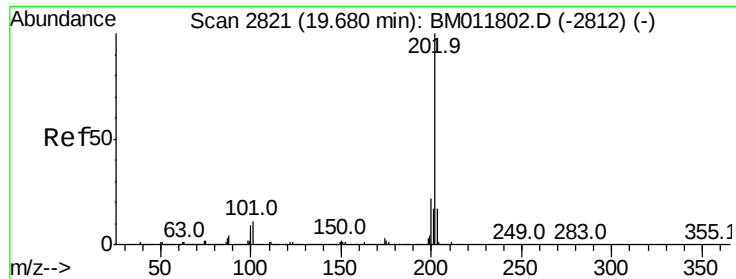
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#68
 Pentachlorophenol
 Concen: 27.405 ng/ul
 RT: 16.92 min Scan# 2351
 Delta R.T. 0.00 min
 Lab File: BM011810.D
 Acq: 01 Oct 2017 15:56

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
264	62.0	49.3	73.9
268	64.8	52.6	78.8





#77

Pvrene

Concen: 25.015 ng/ul

RT: 19.68 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BM011810.D

Acq: 01 Oct 2017 15:56

Instrument :

BNA_M

ClientSampleId :

ET243MSD

Tot Ion: 202 Resp: 1578725

Ion Ratio Lower Upper

202 100

101 10.3 5.1 7.7#

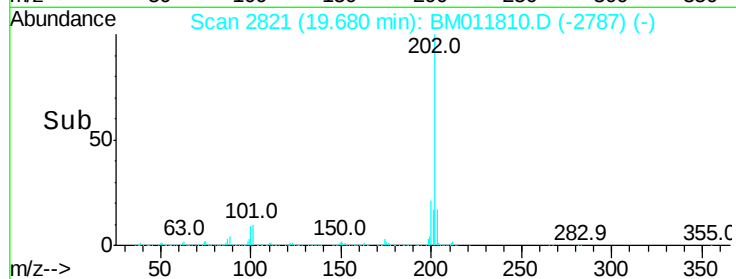
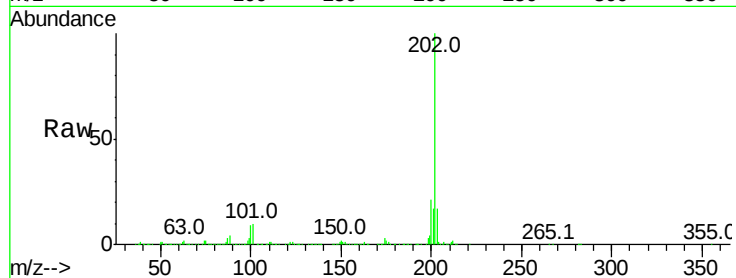
100 8.8 4.9 7.3#

Manual Integrations

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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

