

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
 Data File : BM012418.D
 Acq On : 24 Oct 2017 15:42
 Operator : SJ/JU
 Sample : I5664-16DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B85DL

Quant Time: Oct 25 00:05:00 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 24 14:58:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	453583	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1988789	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1356005	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	3194112	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	3679586	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	3364790	20.00	ng/ul	0.00

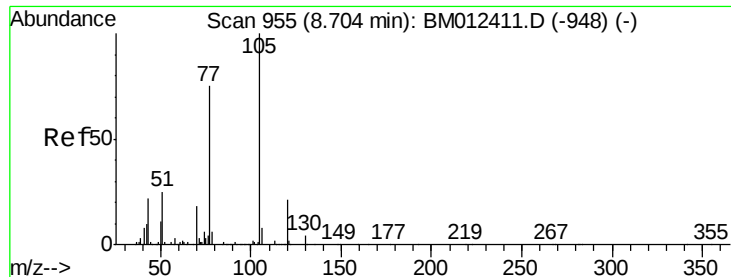
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	6540	0.74	ng/uL	0.00
5) Phenol-d5	7.04	99	106057	2.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	69492	3.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	82404	2.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	88819	2.74	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	40025	3.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	34879	2.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	94670	2.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	115865	3.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	350159	2.96	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	418175	2.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	30284	1.72	ng/ul	-0.01
57) Fluorene-d10	15.50	176	318357	3.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	26776	1.73	ng/ul	-0.01
70) Anthracene-d10	17.34	188	502673	3.30	ng/ul	0.00
76) Pyrene-d10	19.63	212	553837	3.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	503808	3.15	ng/ul	0.00

Target Compounds

						Ovalue
14) Acetophenone	8.69	105	134806	2.65	ng/ul#	28
17) Hexachloroethane	8.99	117	60029	4.88	ng/ul#	1
28) Naphthalene	10.72	128	664443	6.74	ng/ul	98
44) Dimethylphthalate	13.96	163	117750	1.00	ng/ul	99
73) Di-n-butylphthalate	18.22	149	2208010	11.71	ng/ul	98
78) Butylbenzylphthalate	20.57	149	3671683	44.54	ng/ul	92
81) Bis(2-ethylhexyl)phthalate	21.34	149	1118900	8.92	ng/ul#	97

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



#14

Acetophenone

Concen: 2.65 ng/ul

RT: 8.69 min Scan# 952

Delta R.T. -0.02 min

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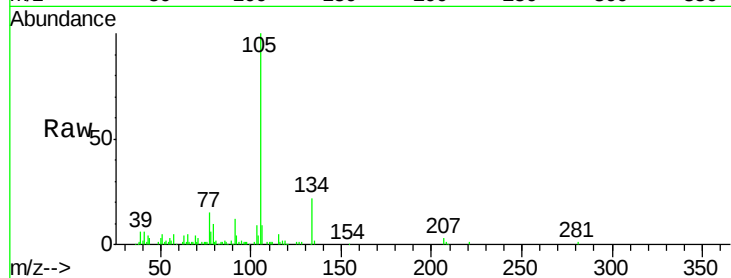
Tot Ion:105 Resp: 134806

Ion Ratio Lower Upper

105 100

77 15.4 74.2 111.4#

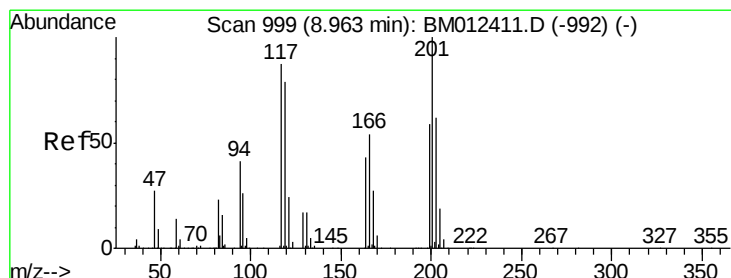
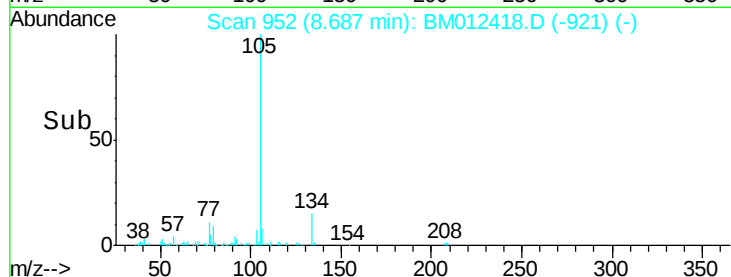
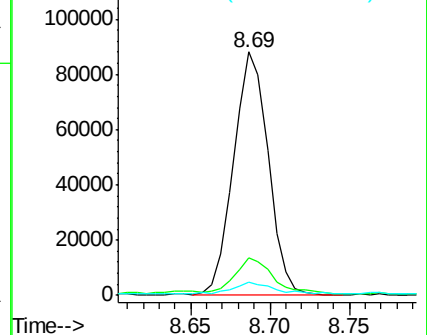
51 5.3 23.4 35.2#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#17

Hexachloroethane

Concen: 4.88 ng/ul

RT: 8.99 min Scan# 1003

Delta R.T. 0.02 min

Lab File: BM012418.D

Acq: 24 Oct 2017 15:42

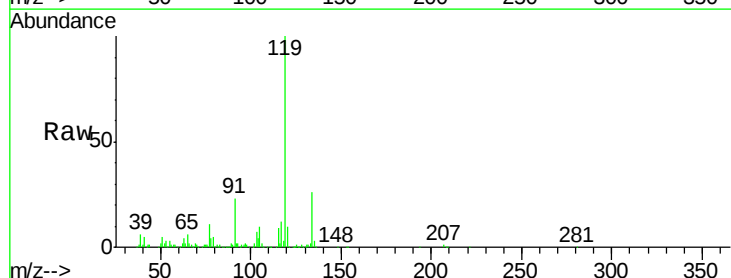
Tgt Ion:117 Resp: 60029

Ion Ratio Lower Upper

117 100

201 0.0 111.6 167.4#

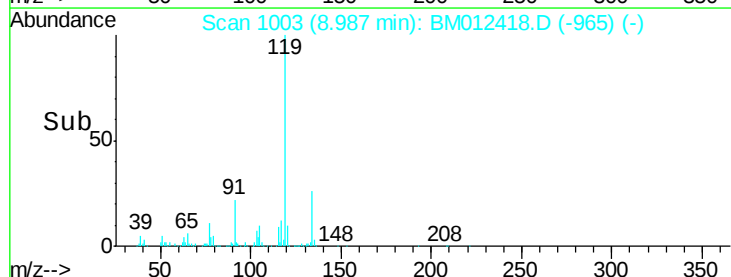
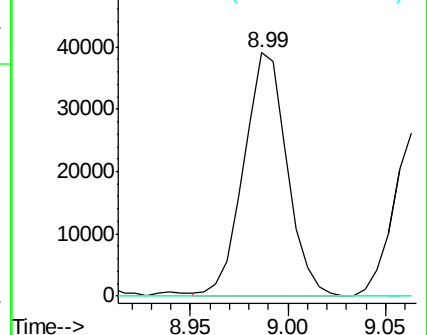
199 0.0 67.8 101.6#

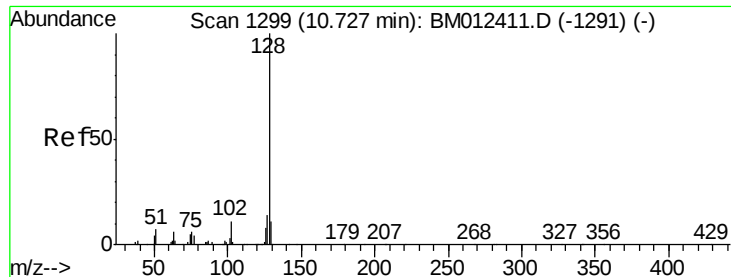


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

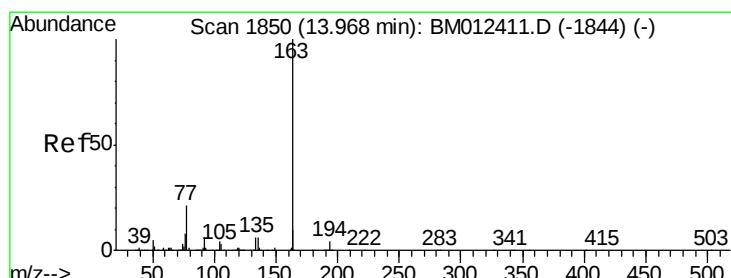
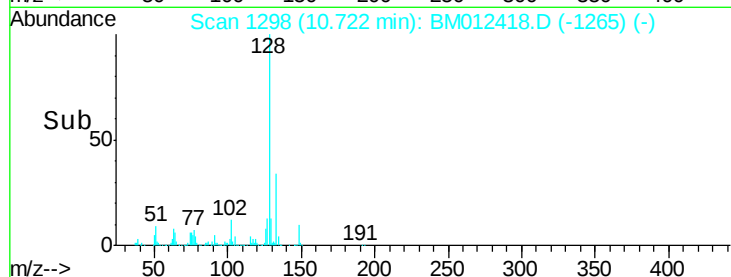
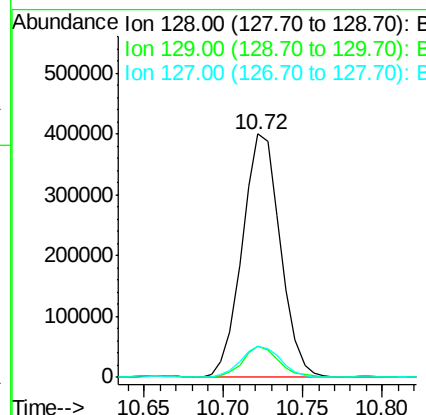
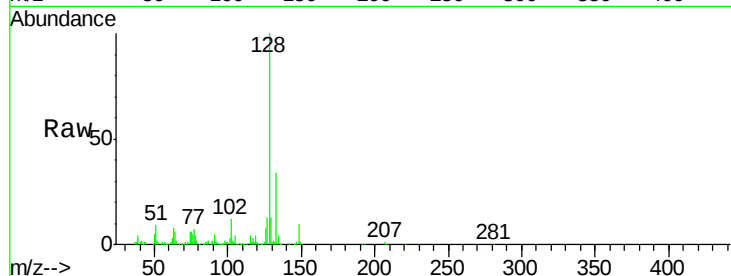




#28
Naphthalene
Concen: 6.74 ng/ul
RT: 10.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM012418.D
Acq: 24 Oct 2017 15:42

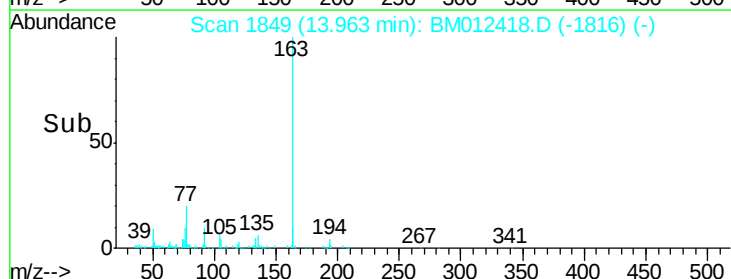
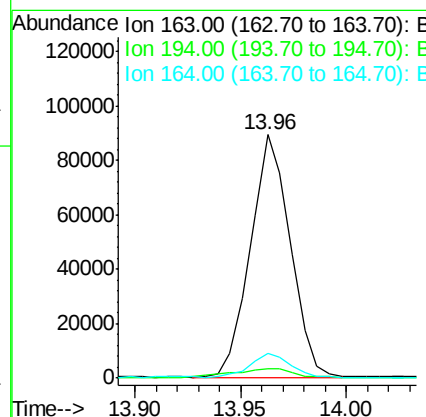
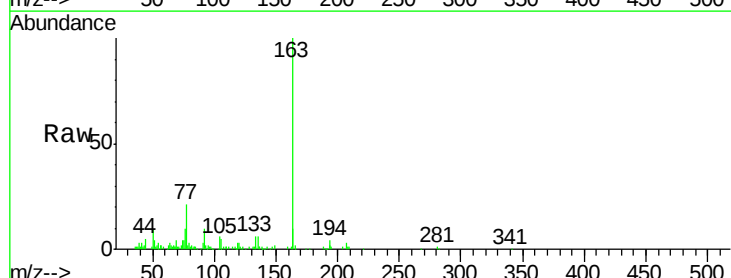
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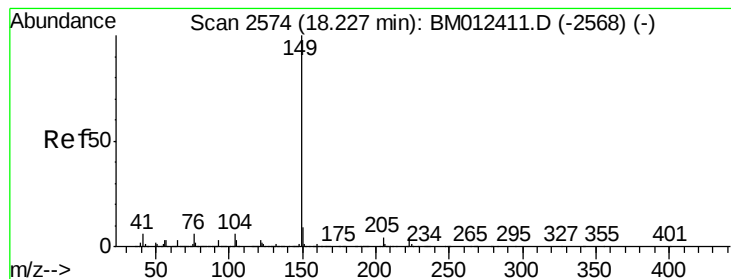
Tot Ion:128 Resp: 664443
Ion Ratio Lower Upper
128 100
129 12.6 8.8 13.2
127 13.0 10.6 16.0



#44
Dimethylphthalate
Concen: 1.00 ng/ul
RT: 13.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM012418.D
Acq: 24 Oct 2017 15:42

Tgt Ion:163 Resp: 117750
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 10.1 8.2 12.4





#73

Di-n-butylphthalate

Concen: 11.71 ng/ul

RT: 18.22 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BM012418.D

Acq: 24 Oct 2017 15:42

Instrument :

BNA_M

ClientSampleId :

C0B85DL

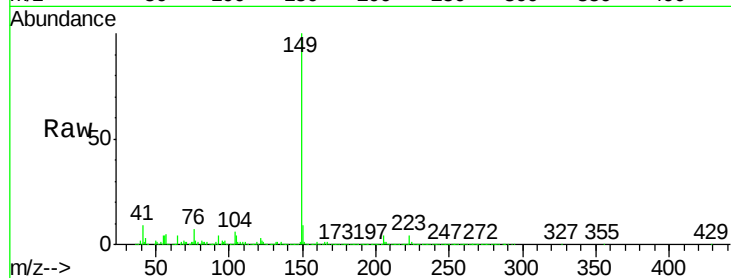
Tot Ion:149 Resp: 2208010

Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

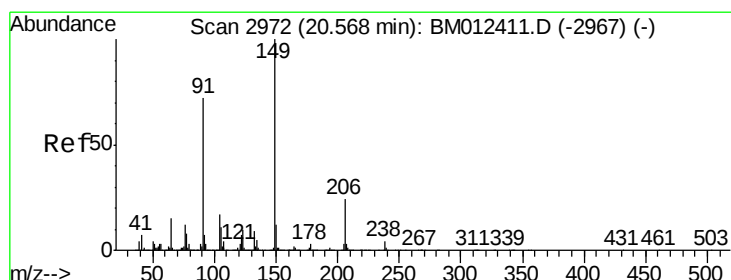
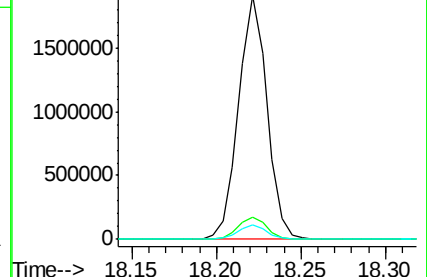
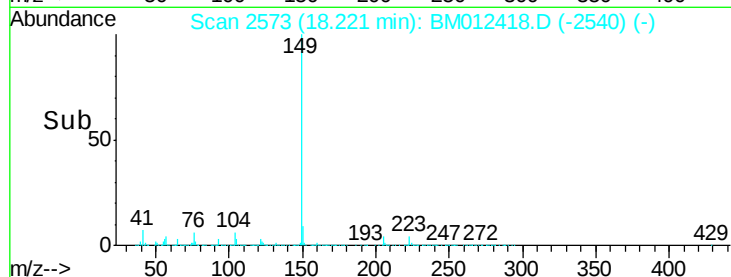
104 5.9 5.6 8.4



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



#78

Butylbenzylphthalate

Concen: 44.54 ng/ul

RT: 20.57 min Scan# 2972

Delta R.T. 0.00 min

Lab File: BM012418.D

Acq: 24 Oct 2017 15:42

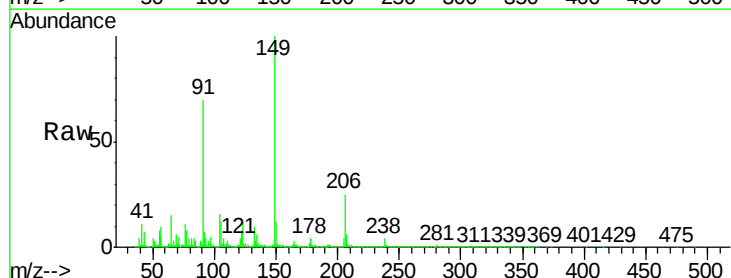
Tgt Ion:149 Resp: 3671683

Ion Ratio Lower Upper

149 100

91 69.9 62.7 94.1

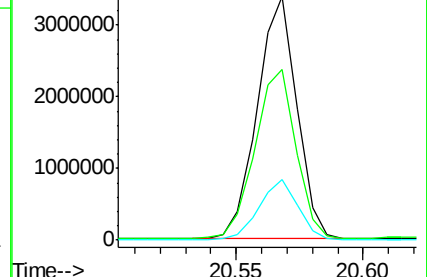
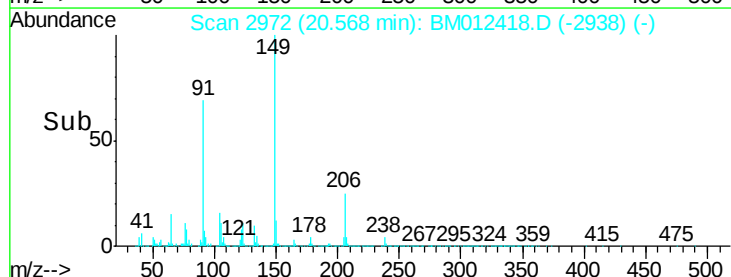
206 24.8 20.8 31.2

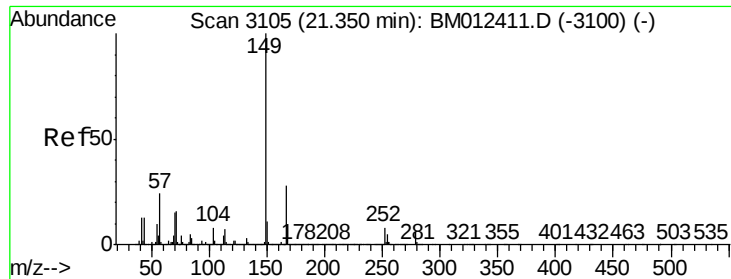


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81
 Bis(2-ethylhexyl)phthalate
 Concen: 8.92 ng/ul
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM012418.D
 Acq: 24 Oct 2017 15:42

Instrument :
 BNA_M
 ClientSampleId :
 C0B85DL

Tot Ion:149 Resp: 1118900
 Ion Ratio Lower Upper
 149 100
 167 29.8 22.8 34.2
 279 3.8 4.9 7.3#

