

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
 Data File : BM012828.D
 Acq On : 08 Nov 2017 19:20
 Operator : SJ/JU
 Sample : I5955-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-15(0.25-1.25)-101717

Quant Time: Nov 09 04:13:17 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 03:48:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	120074	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	476787	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	262758	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	503708	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	522728	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	590322	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	8833	3.97	ng/uL	0.00
5) Phenol-d5	6.97	99	206148	23.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	116243	24.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	177171	23.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	150898	19.57	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	87465	24.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	102153	25.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	191323	23.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	17423	2.18	ng/ul	0.01
43) Dimethylphthalate-d6	13.85	166	561817	25.84	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	652511	24.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	60273	17.30	ng/ul	0.00
57) Fluorene-d10	15.43	176	453995	24.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	39432	11.86	ng/ul	0.00
70) Anthracene-d10	17.28	188	622643	25.58	ng/ul	0.00
78) Pyrene-d10	19.57	212	641636	26.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	758922	27.19	ng/ul	0.00

Target Compounds

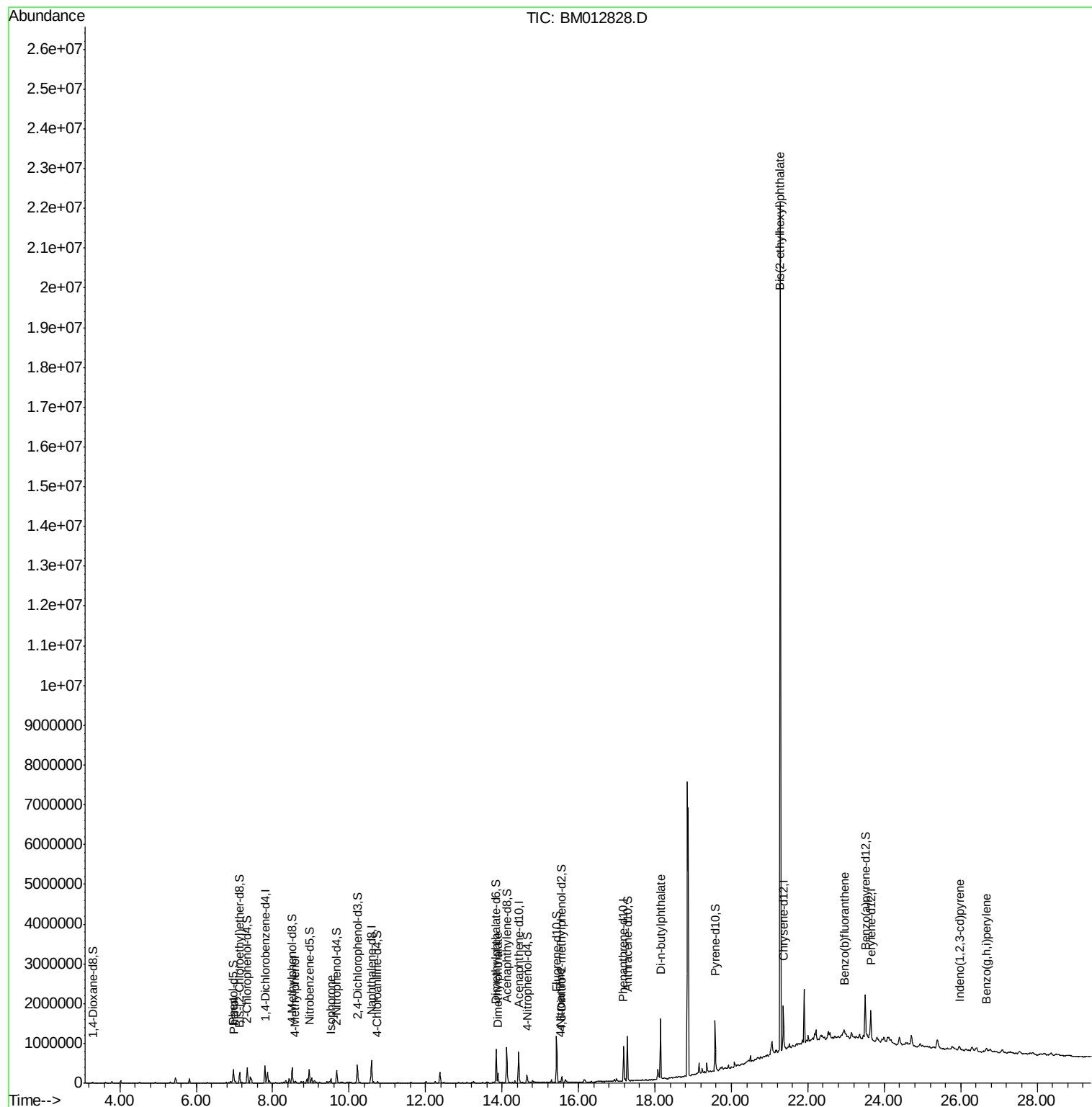
					Qvalue	
6) Phenol	7.00	94	20398	2.224	ng/ul#	86
16) 4-Methylphenol	8.58	108	9526	1.258	ng/ul#	78
21) Isophorone	9.52	82	74973	5.021	ng/ul#	97
44) Dimethylphthalate	13.89	163	159253	7.381	ng/ul#	99
60) 4-Nitroaniline	15.52	138	6092	1.437	ng/ul#	92
75) Di-n-butylphthalate	18.14	149	1083994	38.857	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.29	149	8627117	520.692	ng/ul#	90
87) Benzo(b)fluoranthene	22.96	252	120517	3.341	ng/ul#	60
91) Indeno(1,2,3-cd)pyrene	25.96	276	90263	2.182	ng/ul#	88
93) Benzo(g,h,i)perylene	26.67	276	92495	2.713	ng/ul#	89

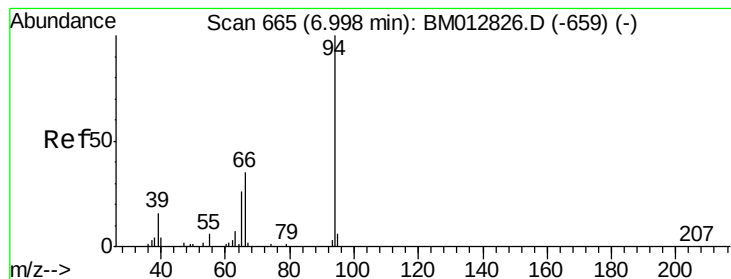
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 2.224 ng/ul

RT: 7.00 min Scan# 665

Delta R.T. 0.00 min

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Instrument :

BNA_M

ClientSampleId :

B-15(0.25-1.25)-101717

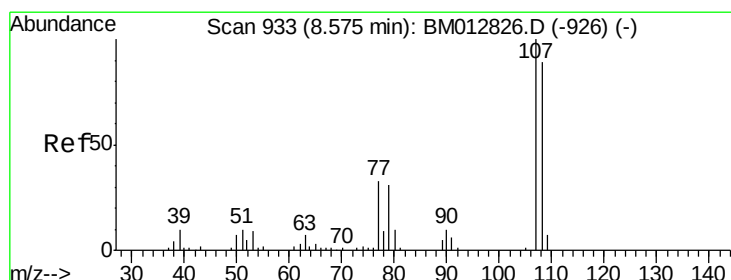
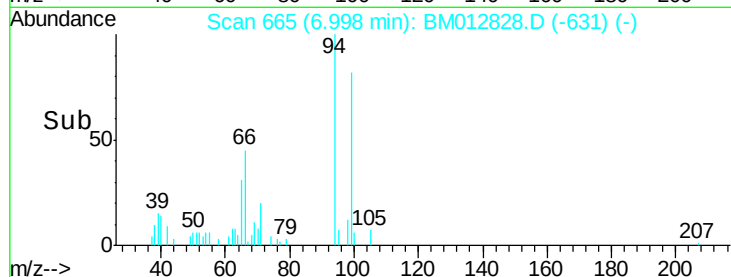
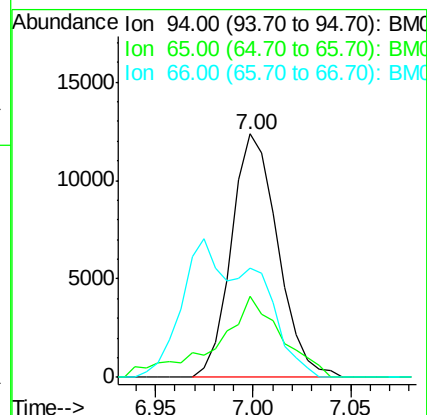
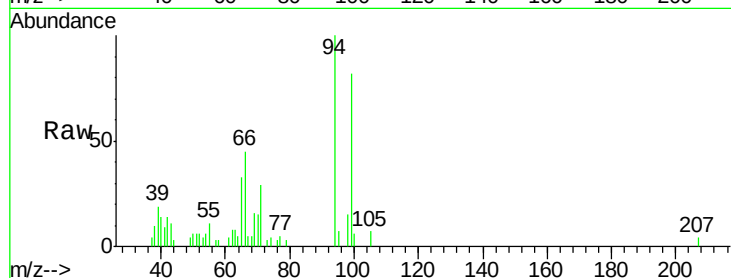
Tgt Ion: 94 Resp: 20398

Ion Ratio Lower Upper

94 100

65 33.4 21.0 31.6#

66 44.7 29.3 43.9#



#16

4-Methylphenol

Concen: 1.258 ng/ul

RT: 8.58 min Scan# 934

Delta R.T. 0.01 min

Lab File: BM012828.D

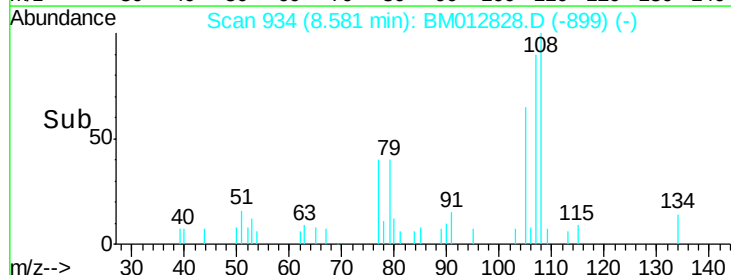
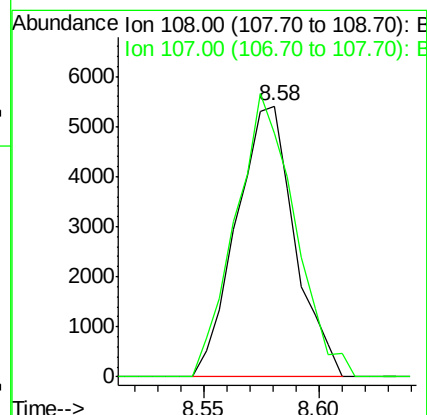
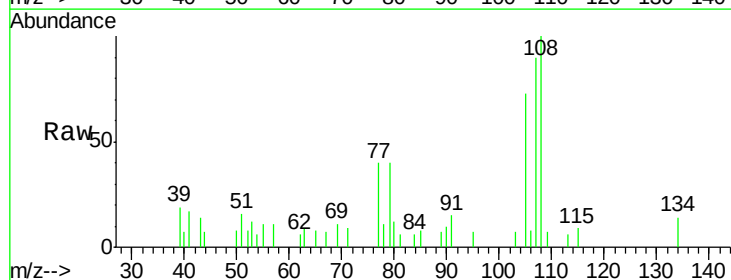
Acq: 08 Nov 2017 19:20

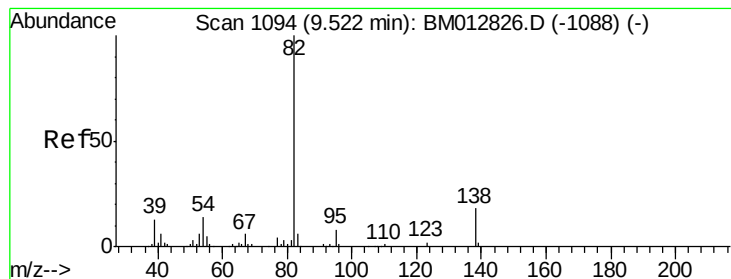
Tgt Ion: 108 Resp: 9526

Ion Ratio Lower Upper

108 100

107 89.8 90.3 135.5#





#21

Isophorone

Concen: 5.021 ng/ul

RT: 9.52 min Scan# 1094

Delta R.T. 0.00 min

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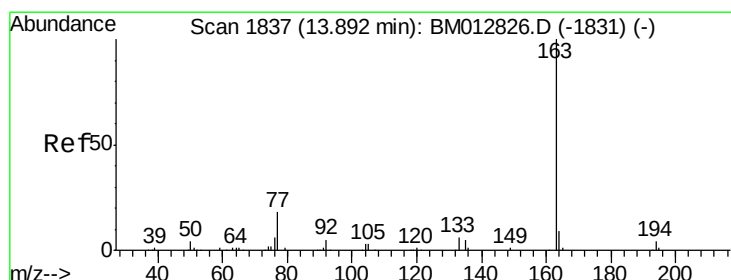
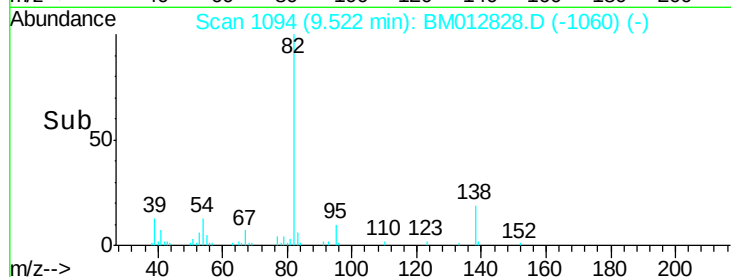
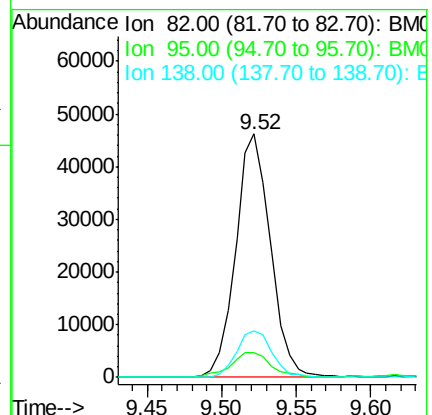
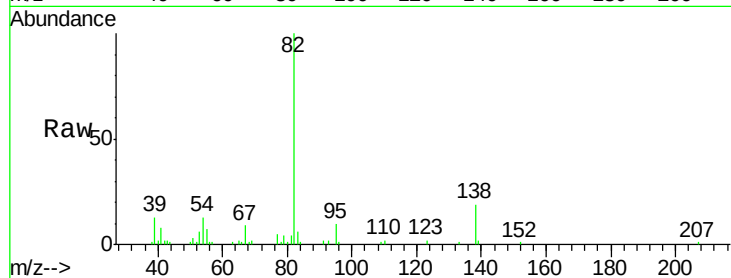
Tgt Ion: 82 Resp: 74973

Ion Ratio Lower Upper

82 100

95 10.3 6.4 9.6#

138 19.2 14.9 22.3



#44

Dimethylphthalate

Concen: 7.381 ng/ul

RT: 13.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BM012828.D

Acq: 08 Nov 2017 19:20

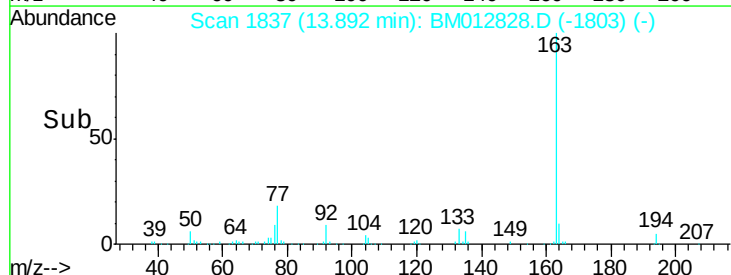
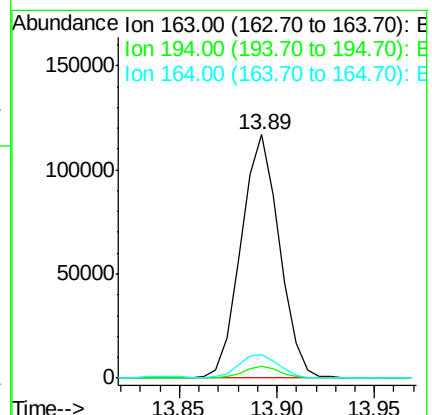
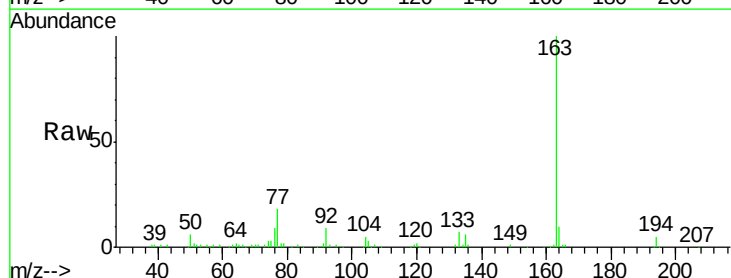
Tgt Ion: 163 Resp: 159253

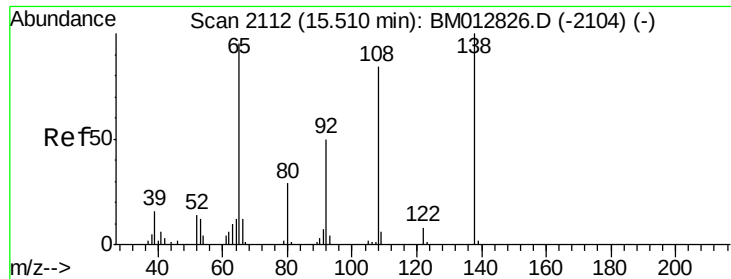
Ion Ratio Lower Upper

163 100

194 4.8 3.2 4.8#

164 9.8 7.8 11.8

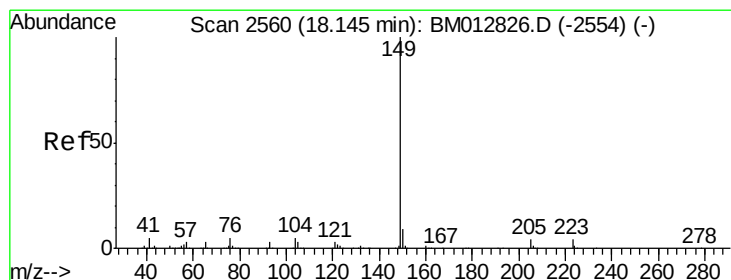
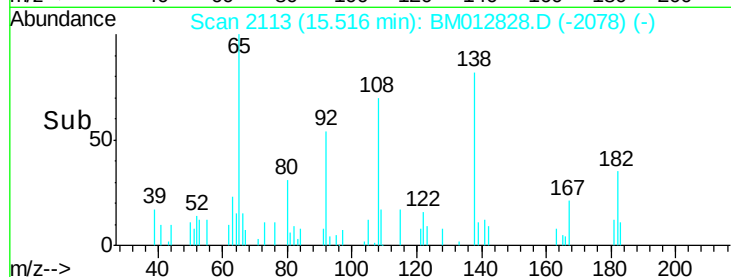
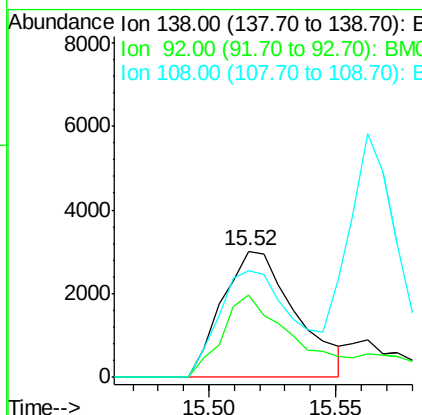
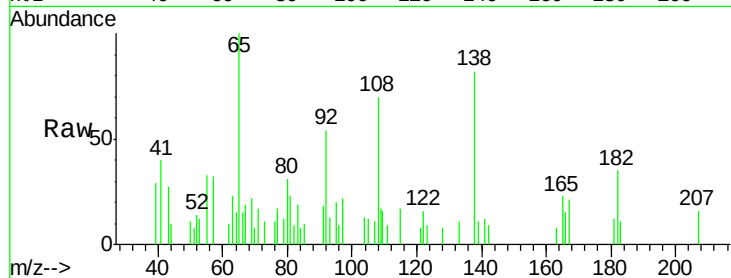




#60
 4-Nitroaniline
 Concen: 1.437 ng/ul
 RT: 15.52 min Scan# 2113
 Delta R.T. 0.01 min
 Lab File: BM012828.D
 Acq: 08 Nov 2017 19:20

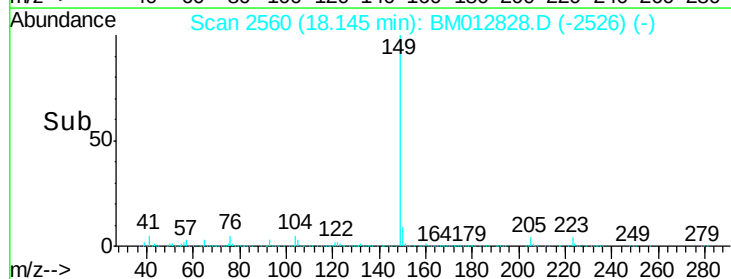
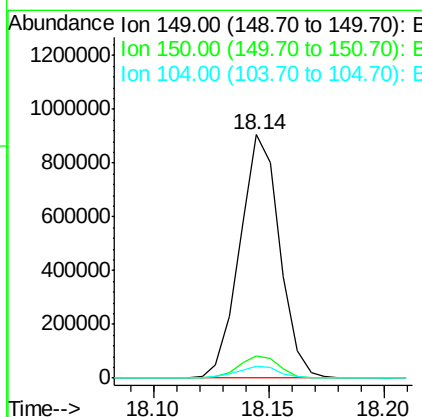
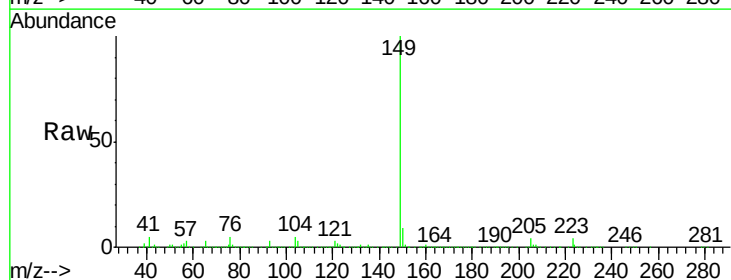
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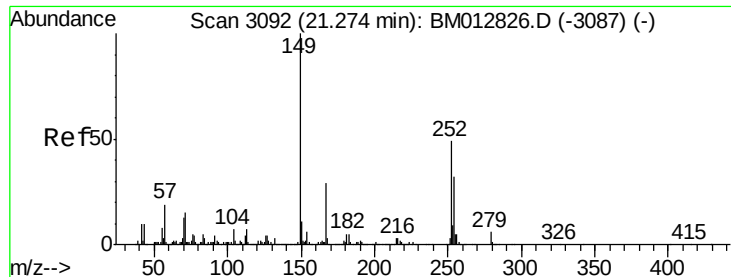
Tgt Ion:138 Resp: 6092
 Ion Ratio Lower Upper
 138 100
 92 65.2 40.6 60.8#
 108 84.4 67.0 100.6



#75
 Di-n-butylphthalate
 Concen: 38.857 ng/ul
 RT: 18.14 min Scan# 2560
 Delta R.T. 0.00 min
 Lab File: BM012828.D
 Acq: 08 Nov 2017 19:20

Tgt Ion:149 Resp: 1083994
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.9 4.0 6.0

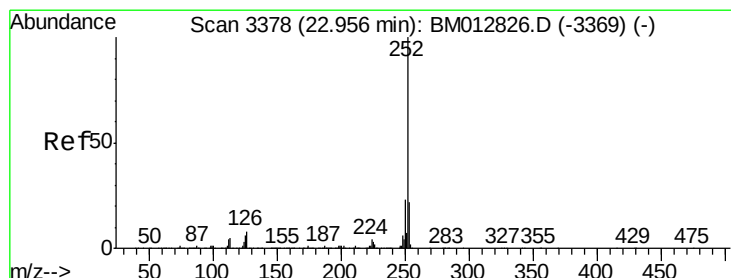
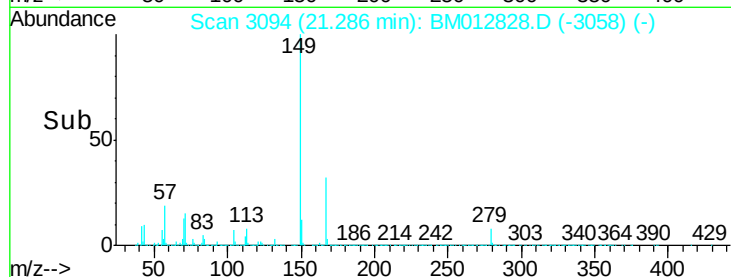
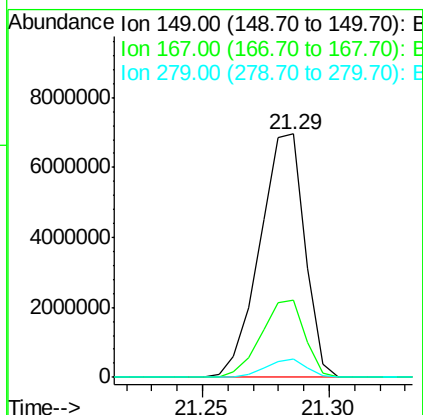
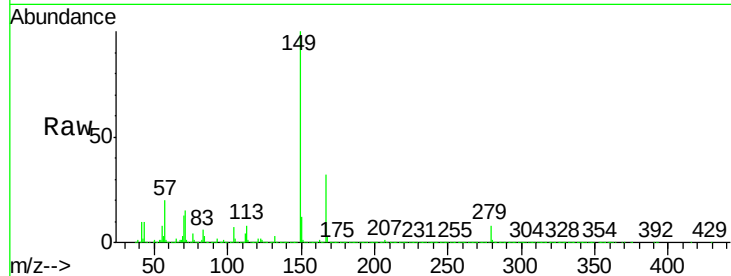




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 520.692 ng/ul
 RT: 21.29 min Scan# 3094
 Delta R.T. 0.01 min
 Lab File: BM012828.D
 Acq: 08 Nov 2017 19:20

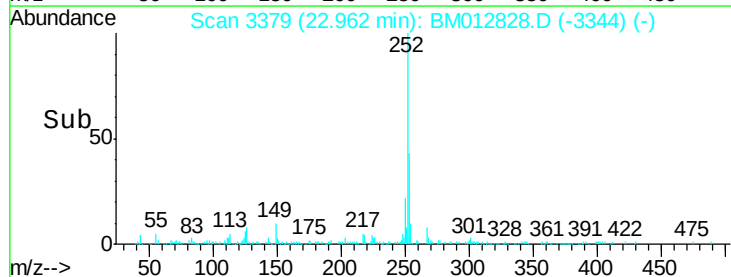
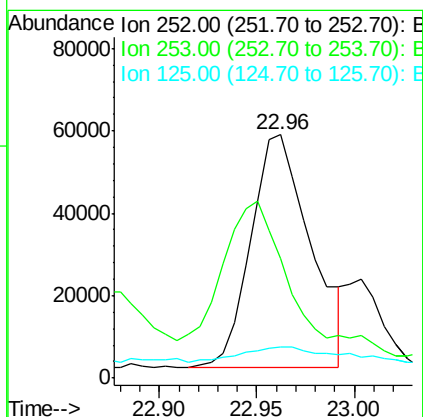
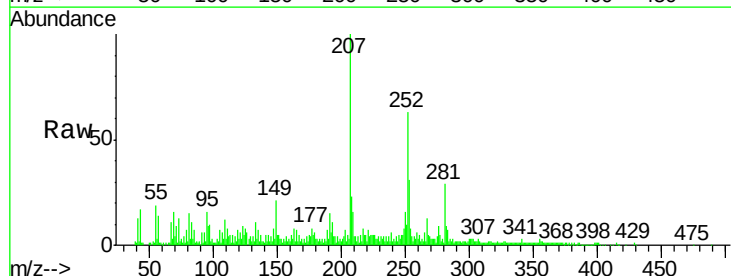
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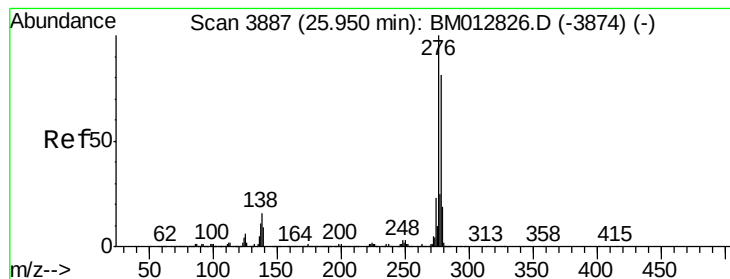
Tgt Ion:149 Resp: 8627117
 Ion Ratio Lower Upper
 149 100
 167 31.9 21.6 32.4
 279 7.6 3.0 4.4#



#87
 Benzo(b)fluoranthene
 Concen: 3.341 ng/ul
 RT: 22.96 min Scan# 3379
 Delta R.T. 0.01 min
 Lab File: BM012828.D
 Acq: 08 Nov 2017 19:20

Tgt Ion:252 Resp: 120517
 Ion Ratio Lower Upper
 252 100
 253 49.0 17.5 26.3#
 125 12.9 8.5 12.7#





#91

Indeno(1,2,3-cd)pyrene

Concen: 2.182 ng/ul

RT: 25.96 min Scan# 3889

Delta R.T. 0.01 min

Lab File: BM012828.D

Acq: 08 Nov 2017 19:20

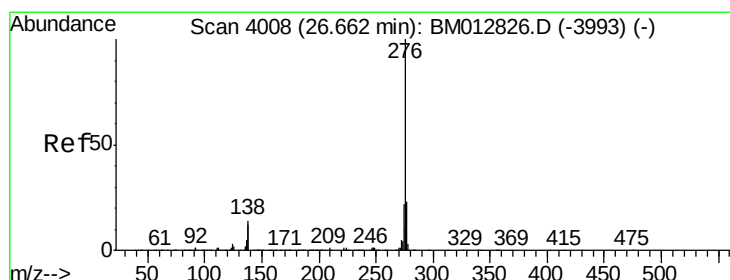
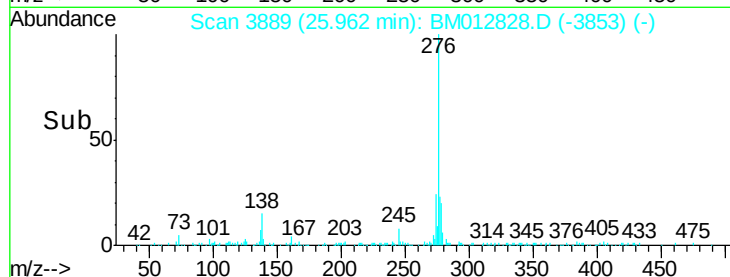
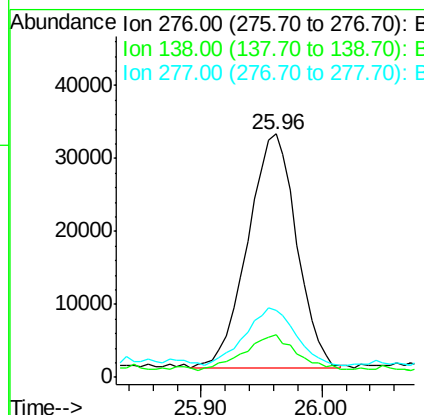
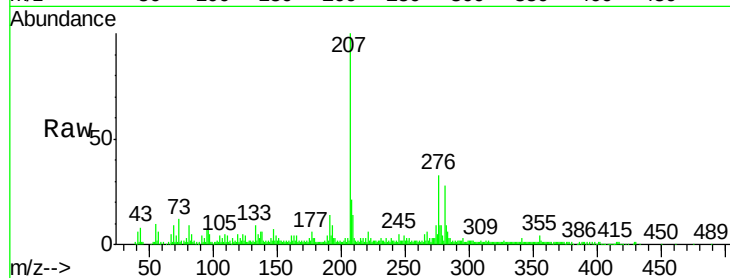
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Tgt Ion:	276	Resp:	90263
Ion Ratio	Lower	Upper	
276	100		
138	17.7	22.3	33.5#
277	27.5	20.2	30.2



#93

Benzo(g,h,i)perylene

Concen: 2.713 ng/ul

RT: 26.67 min Scan# 4009

Delta R.T. 0.01 min

Lab File: BM012828.D

Acq: 08 Nov 2017 19:20

Tgt Ion:	276	Resp:	92495
Ion Ratio	Lower	Upper	
276	100		
138	16.6	18.9	28.3#
277	27.6	19.2	28.8

