

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB102016\
 Data File : BB058680.D
 Acq On : 20 Oct 2016 15:34
 Operator : UM/SJ
 Sample : MDL-07-W
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 MDL-07-W

Manual Integrations
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Quant Time: Oct 20 16:46:36 2016
 Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101916-MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 16:25:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	636702	20.00	ng/ul	0.00
7) Naphthalene-d8	11.62	136	2573823	20.00	ng/ul	-0.02
13) Acenaphthene-d10	15.59	164	1421576	20.00	ng/ul	0.00
18) Phenanthrene-d10	18.42	188	2156571	20.00	ng/ul	0.00
23) Chrysene-d12	22.79	240	2256981	20.00	ng/ul	0.00
25) Perylene-d12	25.85	264	1535092	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.67	96	112105	7.65	ng/uL	0.02
3) Phenol-d5	7.81	99	1649096	33.84	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.96	67	1272550	37.07	ng/ul	0.00
5) 2-Chlorophenol-d4	8.20	132	1626846	33.65	ng/ul	0.00
6) 4-Methylphenol-d8	9.45	113	1290359	32.88	ng/ul	-0.02
8) Nitrobenzene-d5	9.91	128	845566	32.87	ng/ul	0.02
9) 2-Nitrophenol-d4	10.66	143	911484	32.58	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	11.24	165	1156693	30.03	ng/ul	0.00
11) 4-Chloroaniline-d4	11.76	131	1726093	35.04	ng/ul	0.00
14) Dimethylphthalate-d6	14.95	166	3027422	32.16	ng/ul	0.00
15) Acenaphthylene-d8	15.26	160	3679097	33.24	ng/ul	0.00
16) 4-Nitrophenol-d4	15.78	143	642513	30.28	ng/ul	0.00
17) Fluorene-d10	16.61	176	2608267	34.02	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	16.72	200	602721	26.60	ng/ul	0.00
20) Anthracene-d10	18.53	188	3432642m	35.02	ng/ul	0.02
24) Pyrene-d10	20.86	212	3486876	34.70	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.66	264	2280891	32.96	ng/ul	0.02

Target Compounds						Qvalue
12) 1-Methylnaphthalene	13.57	142	236270	2.90	ng/ul	98
21) 1,2,3,4-Tetrachlorobenzene	14.34	216	104244	2.74	ng/uL	99
22) Pentachlorobenzene	15.94	250	96747	2.60	ng/uL	95

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

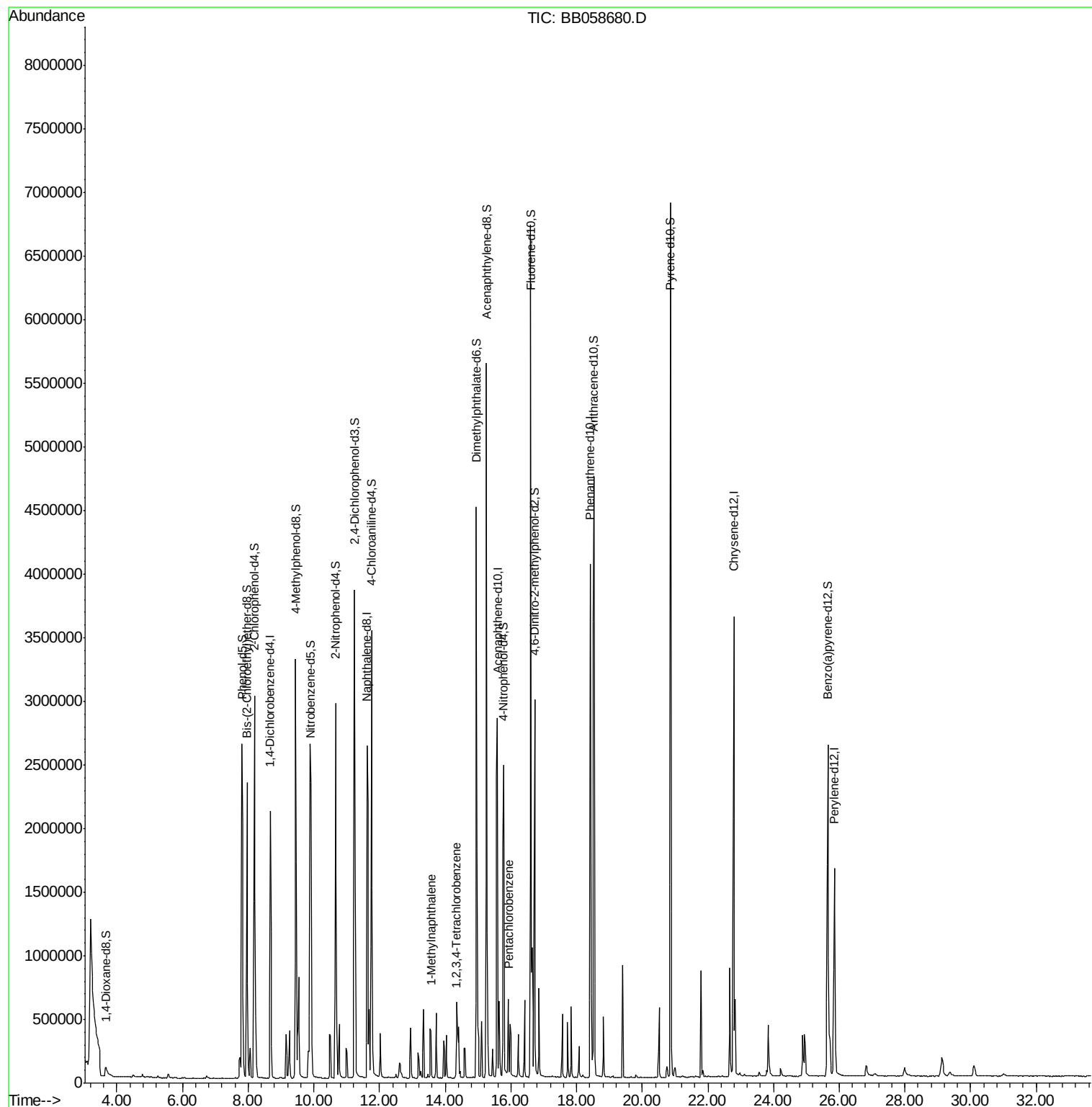
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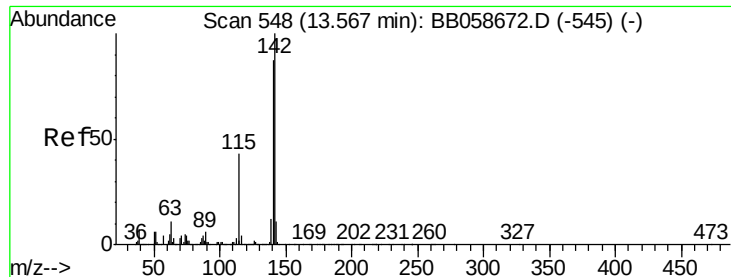
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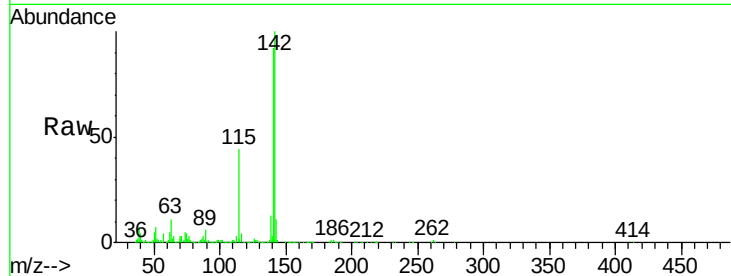
#12
 1-Methylnaphthalene
 Concen: 2.90 ng/uL
 RT: 13.57 min Scan# 548
 Delta R.T. -0.00 min
 Lab File: BB058680.D
 Acq: 20 Oct 2016 15:34

Instrument :
 BNA_B
 ClientSampleID :
 MDL-07-W

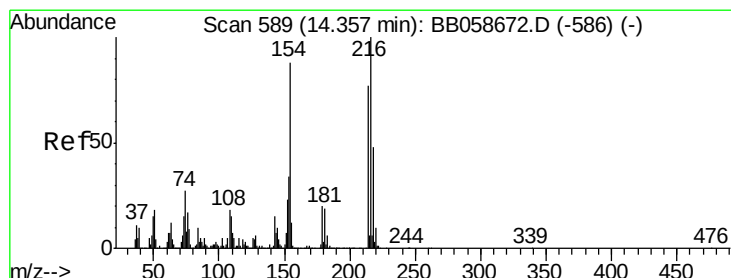
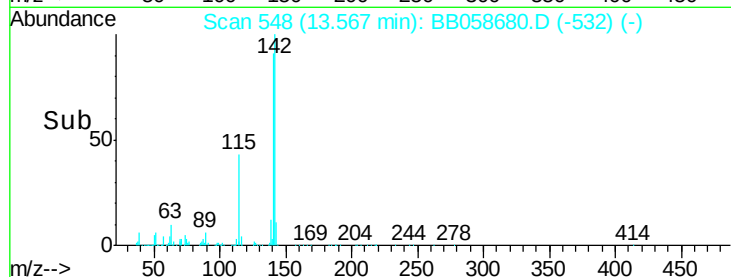
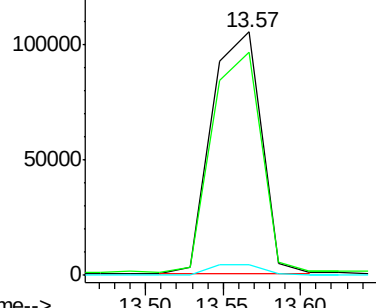
Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	91.6	74.9	112.3
116	4.2	3.1	4.7

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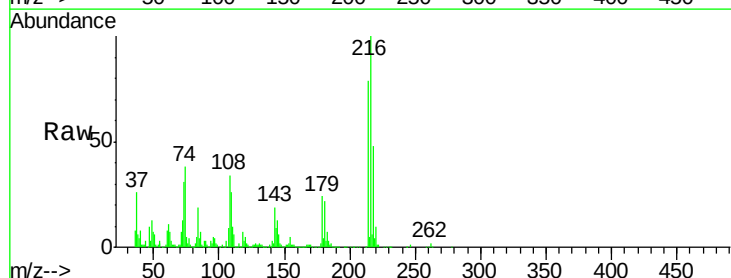


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

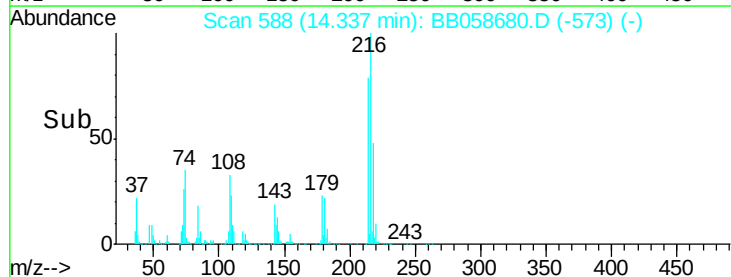
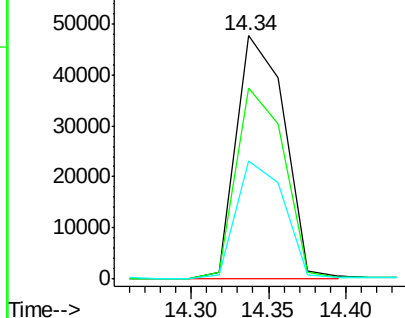


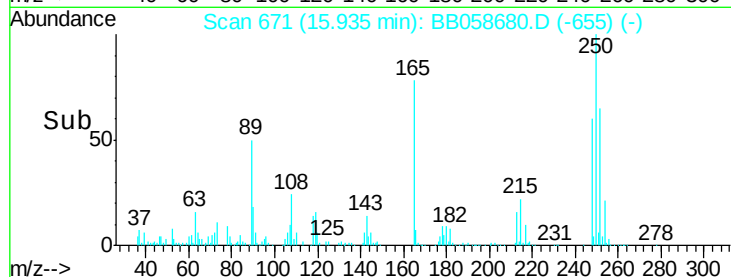
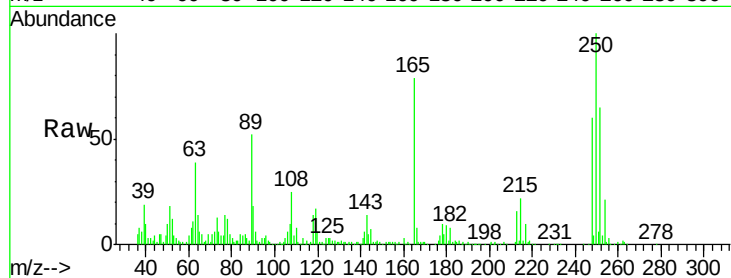
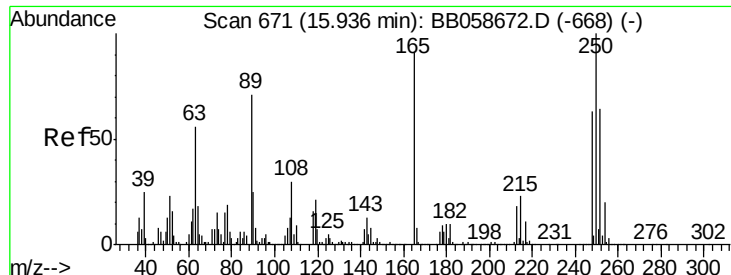
#21
 1,2,3,4-Tetrachlorobenzene
 Concen: 2.74 ng/uL
 RT: 14.34 min Scan# 588
 Delta R.T. -0.02 min
 Lab File: BB058680.D
 Acq: 20 Oct 2016 15:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	78.6	62.5	93.7
218	48.3	38.4	57.6



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E





#22

Pentachlorobenzene

Concen: 2.60 ng/uL

RT: 15.94 min Scan# 671

Delta R.T. -0.00 min

Lab File: BB058680.D

Acq: 20 Oct 2016 15:34

Tgt Ion:	250	Resp:	96747
Ion Ratio	Lower	Upper	
250	100		
248	60.3	50.6	75.8
252	68.6	51.4	77.0

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