

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101916\
 Data File : BB058668.D
 Acq On : 20 Oct 2016 1:37
 Operator : UM/SJ
 Sample : MDL-07-S-ML
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 MDL-07-S-ML

Quant Time: Oct 20 04:40:46 2016
 Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101916-MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 04:39:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	568229	20.00	ng/ul	0.00
7) Naphthalene-d8	11.62	136	2253533	20.00	ng/ul	0.00
13) Acenaphthene-d10	15.57	164	1230154	20.00	ng/ul	-0.02
18) Phenanthrene-d10	18.42	188	2021137	20.00	ng/ul	0.00
23) Chrysene-d12	22.79	240	1916876	20.00	ng/ul	0.00
25) Perylene-d12	25.85	264	1327505	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.67	96	101255	7.74	ng/uL	0.02
3) Phenol-d5	7.81	99	1478259	33.99	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.97	67	1134424	37.03	ng/ul	0.00
5) 2-Chlorophenol-d4	8.20	132	1430597	33.15	ng/ul	0.00
6) 4-Methylphenol-d8	9.45	113	1183091	33.78	ng/ul	0.00
8) Nitrobenzene-d5	9.89	128	737635	32.75	ng/ul	0.00
9) 2-Nitrophenol-d4	10.66	143	820324	33.49	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	11.24	165	1055292	31.29	ng/ul	0.00
11) 4-Chloroaniline-d4	11.76	131	1564401	36.28	ng/ul	0.00
14) Dimethylphthalate-d6	14.95	166	2752950	33.80	ng/ul	0.00
15) Acenaphthylene-d8	15.26	160	3441366	35.92	ng/ul	0.00
16) 4-Nitrophenol-d4	15.76	143	556662	30.31	ng/ul	-0.02
17) Fluorene-d10	16.61	176	2434064	36.69	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	16.73	200	536783	25.28	ng/ul	0.00
20) Anthracene-d10	18.42	188	2021137	22.00	ng/ul	0.00
24) Pyrene-d10	20.86	212	3325169	38.96	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.66	264	2040272	34.10	ng/ul	0.00

Target Compounds

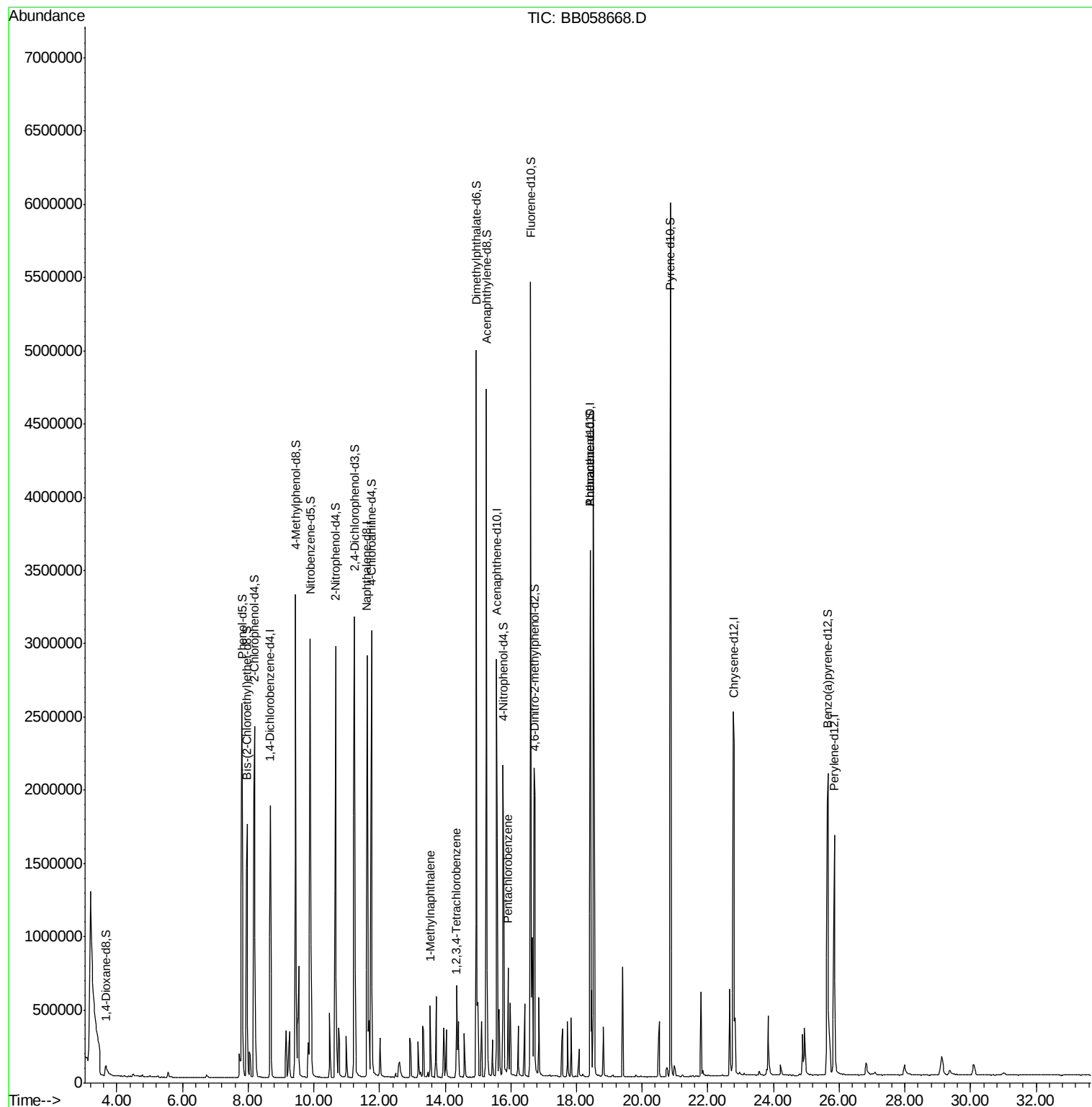
						Qvalue
12) 1-Methylnaphthalene	13.55	142	213362	2.99	ng/ul	96
21) 1,2,3,4-Tetrachlorobenzene	14.34	216	96451	2.70	ng/uL	99
22) Pentachlorobenzene	15.92	250	89356	2.56	ng/uL	98

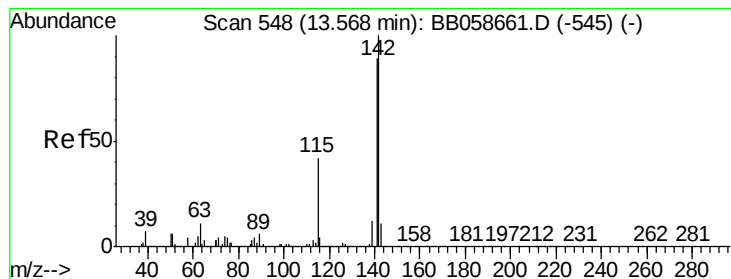
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1-Methylnaphthalene

Concen: 2.99 ng/uL

RT: 13.55 min Scan# 547

Delta R.T. -0.02 min

Lab File: BB058668.D

Acq: 20 Oct 2016 1:37

Instrument :

BNA_B

ClientSampleId :

MDL-07-S-ML

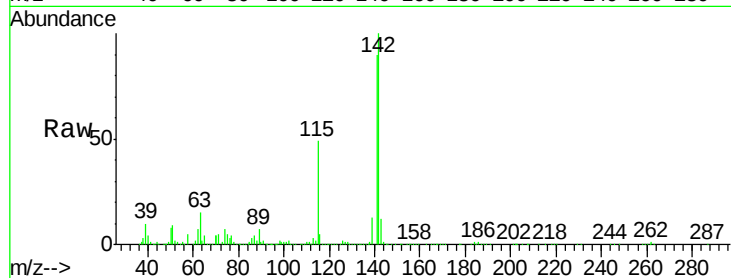
Tgt Ion:142 Resp: 213362

Ion Ratio Lower Upper

142 100

141 89.9 74.9 112.3

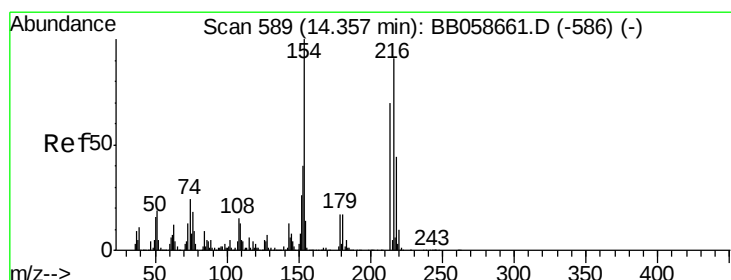
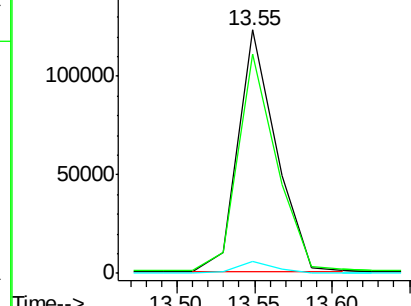
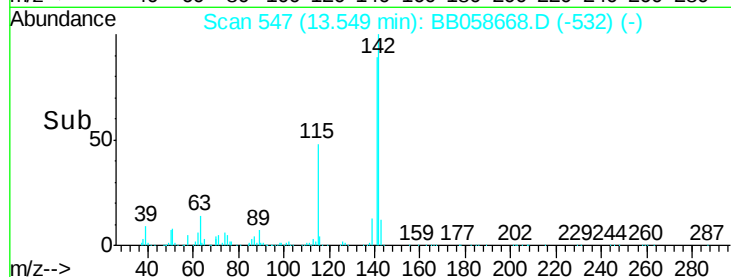
116 4.7 3.1 4.7



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: 2.70 ng/uL

RT: 14.34 min Scan# 588

Delta R.T. -0.02 min

Lab File: BB058668.D

Acq: 20 Oct 2016 1:37

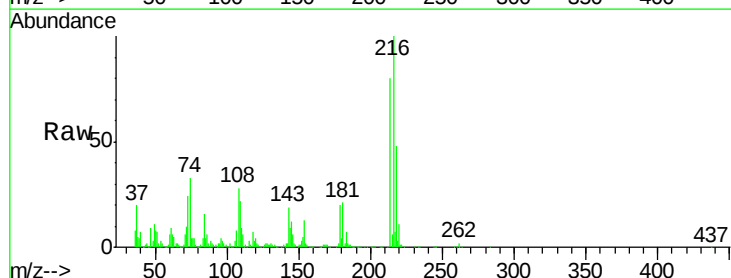
Tgt Ion:216 Resp: 96451

Ion Ratio Lower Upper

216 100

214 79.9 62.5 93.7

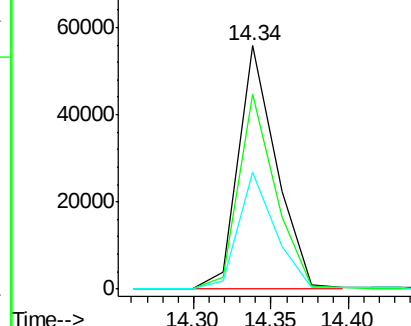
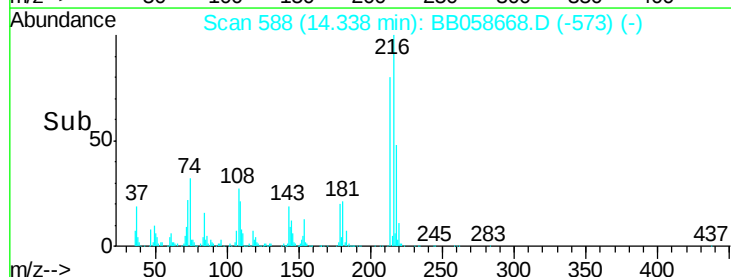
218 48.1 38.4 57.6

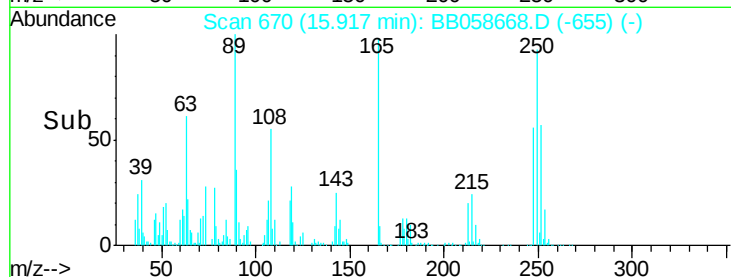
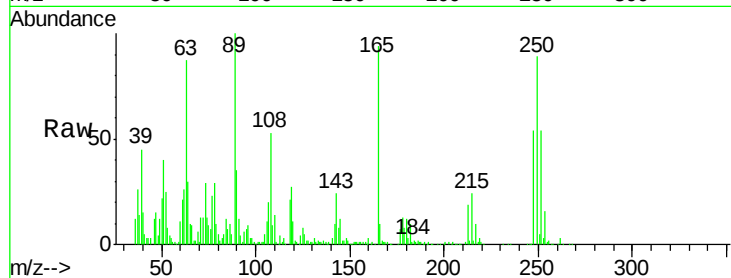
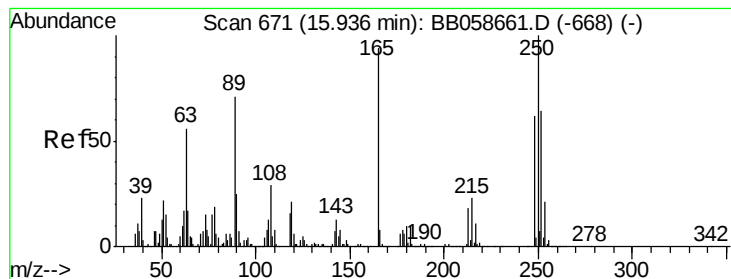


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#22

Pentachlorobenzene

Concen: 2.56 ng/uL

RT: 15.92 min Scan# 670

Delta R.T. -0.02 min

Lab File: BB058668.D

Acq: 20 Oct 2016 1:37

Instrument :

BNA_B

ClientSampleId :

MDL-07-S-ML

Tgt Ion:250 Resp: 89356

Ion Ratio Lower Upper

250 100

248 60.4 50.6 75.8

252 64.9 51.4 77.0

