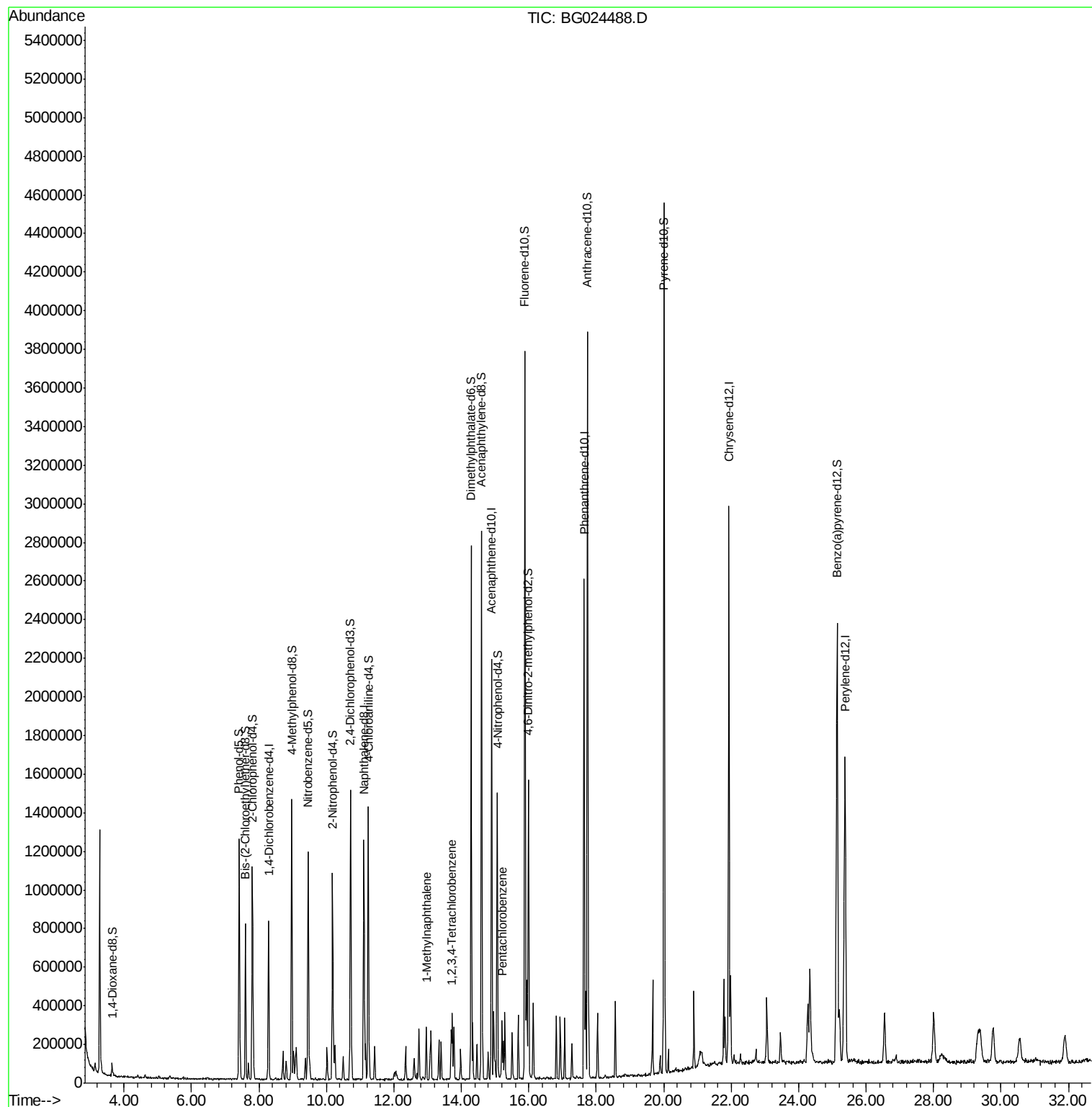
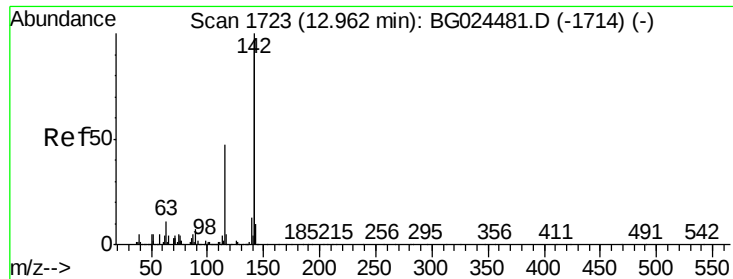


Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024488.D
Acq On : 21 Oct 2016 7:32
Operator : UM/SJ
Sample : MDL-06-W
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-06-W

Quant Time: Oct 21 18:22:46 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102016-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 21 17:27:43 2016
Response via : Initial Calibration





#12

1-Methylnaphthalene

Concen: 3.38 ng/uL

RT: 12.96 min Scan# 1723

Delta R.T. -0.00 min

Lab File: BG024488.D

Acq: 21 Oct 2016 7:32

Instrument :

BNA_G

ClientSampleId :

MDL-06-W

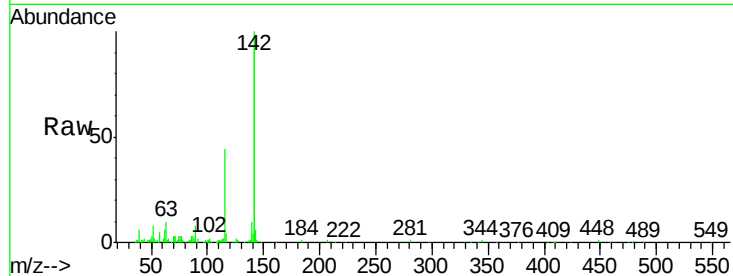
Tgt Ion:142 Resp: 122488

Ion Ratio Lower Upper

142 100

141 92.8 74.9 112.3

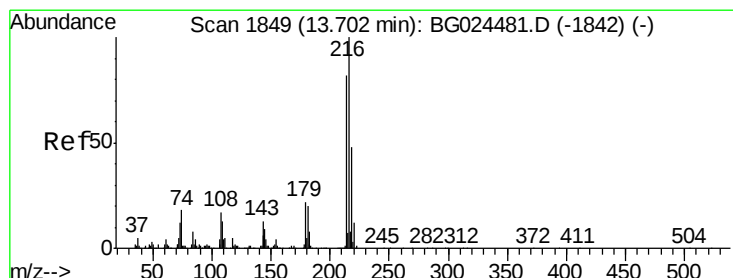
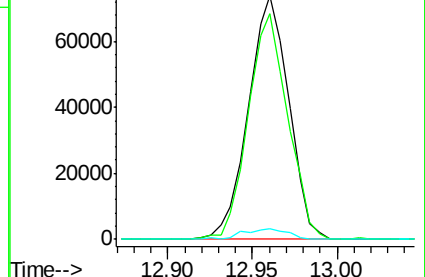
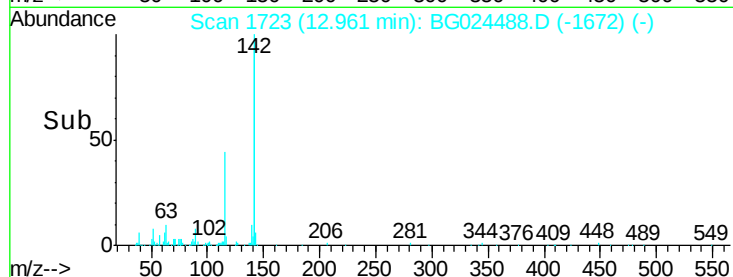
116 4.5 3.1 4.7



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: 3.20 ng/uL

RT: 13.70 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BG024488.D

Acq: 21 Oct 2016 7:32

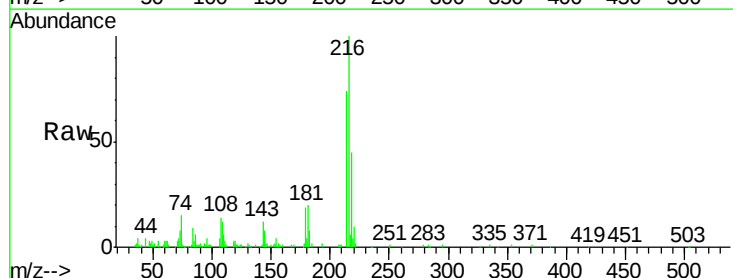
Tgt Ion:216 Resp: 77936

Ion Ratio Lower Upper

216 100

214 74.2 62.5 93.7

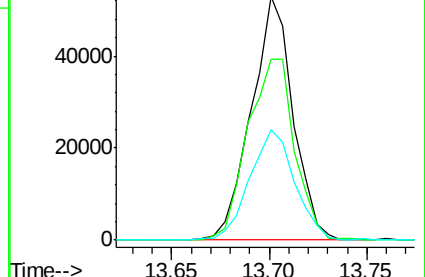
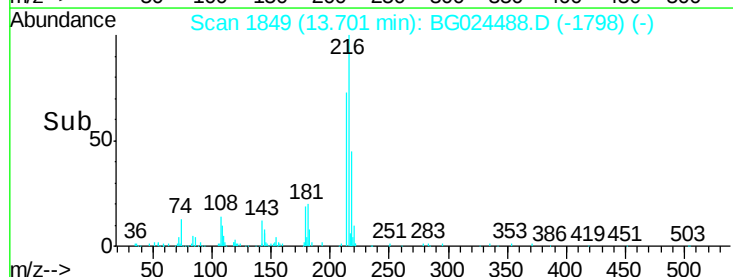
218 45.2 38.4 57.6

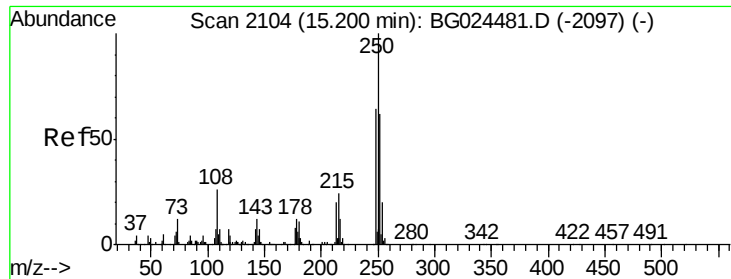


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#22

Pentachlorobenzene

Concen: 3.38 ng/uL

RT: 15.20 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BG024488.D

Acq: 21 Oct 2016 7:32

Instrument :

BNA_G

ClientSampleId :

MDL-06-W

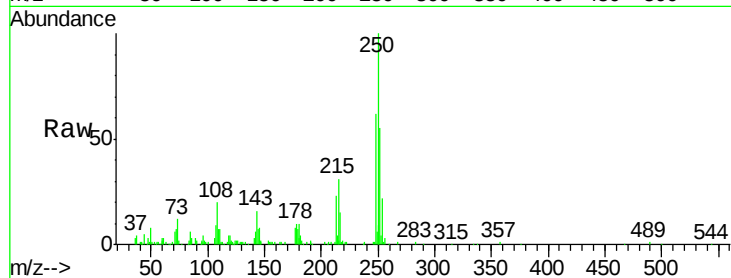
Tgt Ion:250 Resp: 86333

Ion Ratio Lower Upper

250 100

248 61.7 50.6 75.8

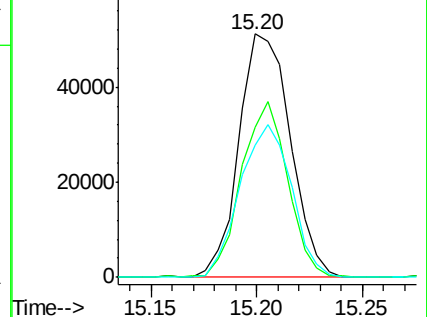
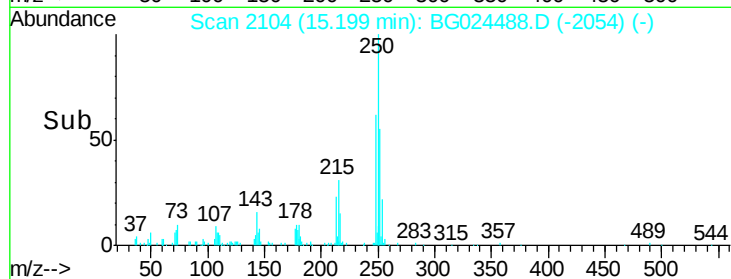
252 59.0 51.4 77.0



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
 Data File : BG024488.D
 Acq On : 21 Oct 2016 7:32
 Operator : UM/SJ
 Sample : MDL-06-W
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-06-W

Quant Time: Oct 21 18:22:46 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102016-MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 21 17:27:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	221806	20.00	ng/ul	0.00
7) Naphthalene-d8	11.11	136	975794	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.89	164	800496	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.64	188	1594124	20.00	ng/ul	0.00
23) Chrysene-d12	21.93	240	1806248	20.00	ng/ul	0.00
25) Perylene-d12	25.38	264	1865793	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.64	96	28158	6.79	ng/uL	0.00
3) Phenol-d5	7.41	99	637510	31.60	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.60	67	408546	32.76	ng/ul	0.00
5) 2-Chlorophenol-d4	7.80	132	454470	32.02	ng/ul	0.00
6) 4-Methylphenol-d8	8.97	113	533134	31.69	ng/ul	0.00
8) Nitrobenzene-d5	9.45	128	245000	33.57	ng/ul	0.00
9) 2-Nitrophenol-d4	10.18	143	295542	34.78	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.71	165	528496	30.70	ng/ul	0.00
11) 4-Chloroaniline-d4	11.23	131	669300	37.38	ng/ul	0.00
14) Dimethylphthalate-d6	14.29	166	1716724	31.80	ng/ul	0.00
15) Acenaphthylene-d8	14.59	160	2014365	31.36	ng/ul	0.00
16) 4-Nitrophenol-d4	15.06	143	296018	32.07	ng/ul	0.00
17) Fluorene-d10	15.88	176	1593471	30.98	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.99	200	345887	32.47	ng/ul	0.00
20) Anthracene-d10	17.74	188	2200840	31.07	ng/ul	0.00
24) Pyrene-d10	20.01	212	2507173	31.95	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.13	264	2736226	33.52	ng/ul	0.00

Target Compounds

						Qvalue
12) 1-Methylnaphthalene	12.96	142	122488	3.38	ng/ul	99
21) 1,2,3,4-Tetrachlorobenzene	13.70	216	77936	3.20	ng/uL	96
22) Pentachlorobenzene	15.20	250	86333	3.38	ng/uL	96

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