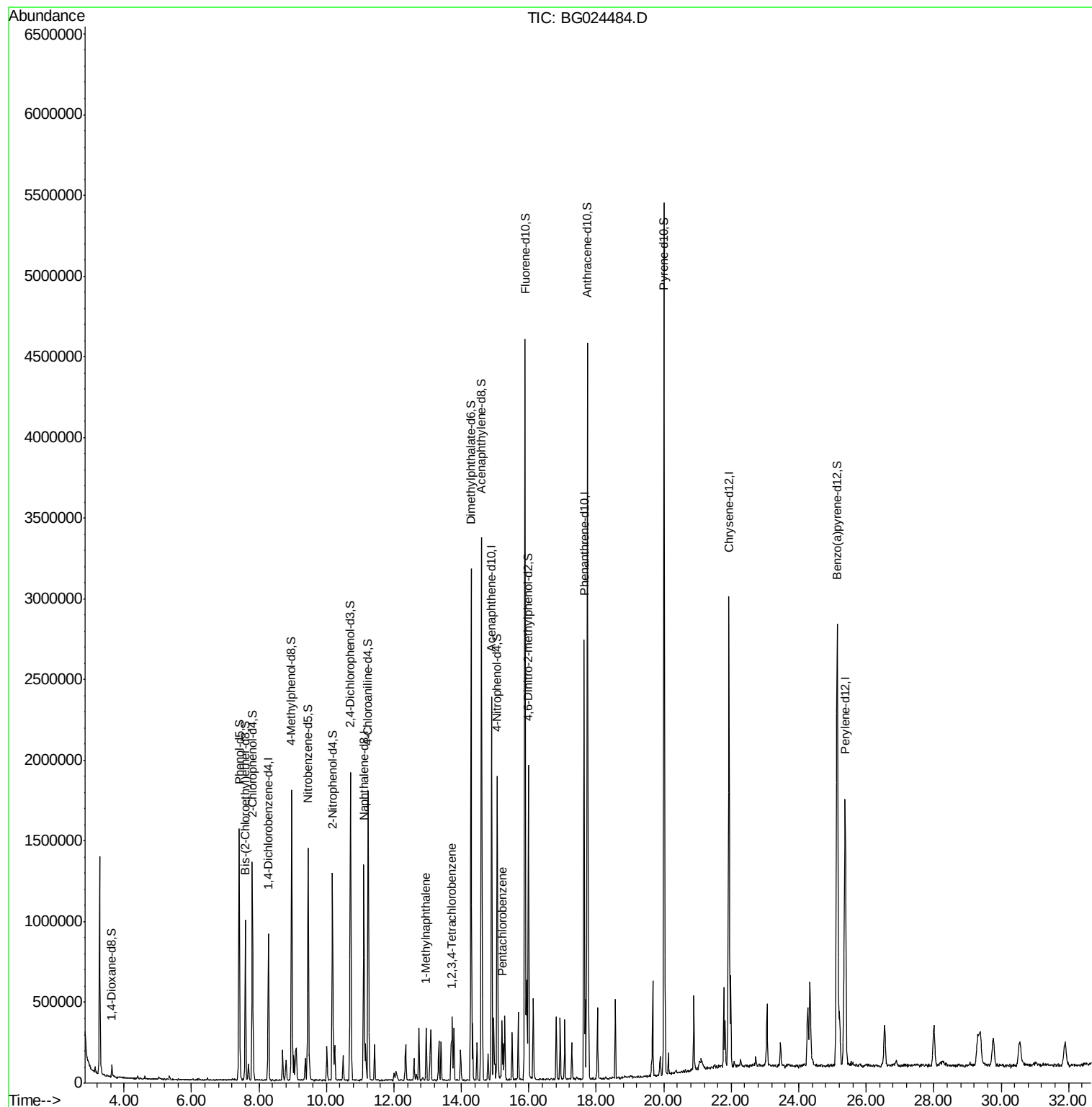
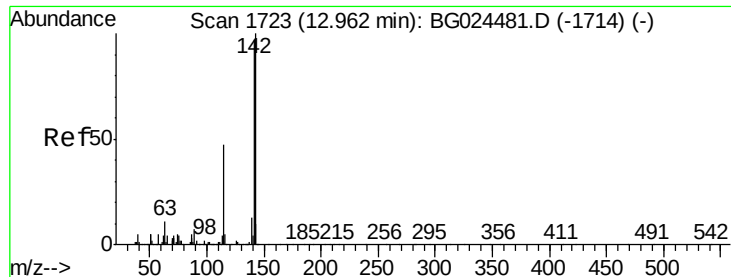


Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024484.D
Acq On : 21 Oct 2016 4:57
Operator : UM/SJ
Sample : MDL-02-W
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-02-W

Quant Time: Oct 21 18:17:09 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: 3.66 ng/uL

RT: 12.96 min Scan# 1722

Delta R.T. -0.00 min

Lab File: BG024484.D

Acq: 21 Oct 2016 4:57

Instrument :

BNA_G

ClientSampleId :

MDL-02-W

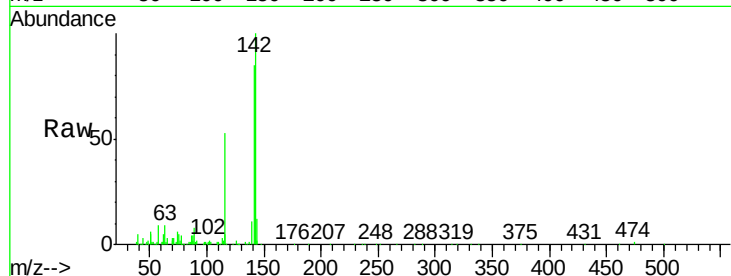
Tgt Ion:142 Resp: 144540

Ion Ratio Lower Upper

142 100

141 85.2 74.9 112.3

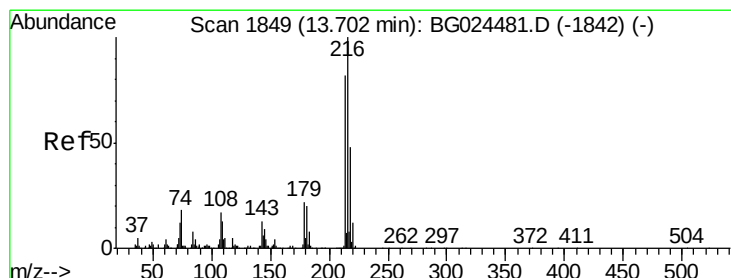
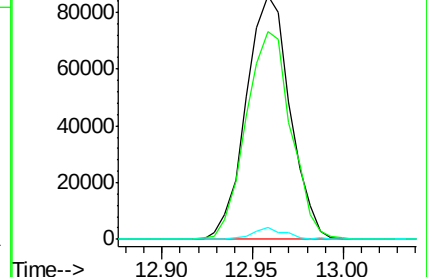
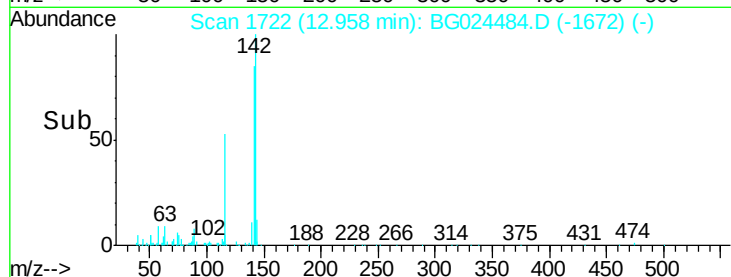
116 4.7 3.1 4.7



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: 3.83 ng/uL

RT: 13.70 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BG024484.D

Acq: 21 Oct 2016 4:57

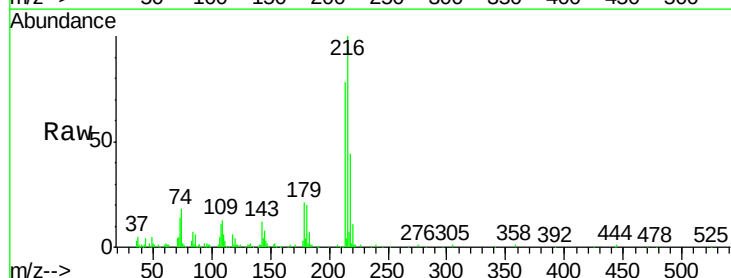
Tgt Ion:216 Resp: 98409

Ion Ratio Lower Upper

216 100

214 77.7 62.5 93.7

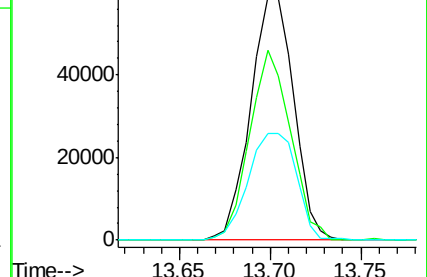
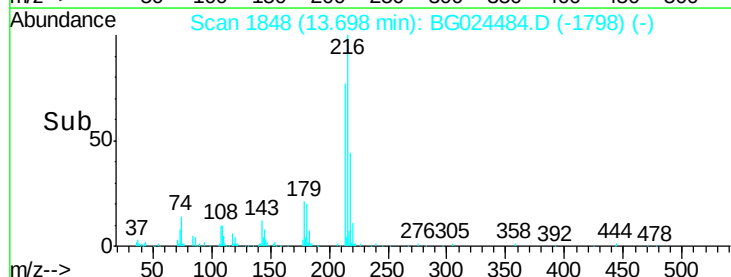
218 43.6 38.4 57.6

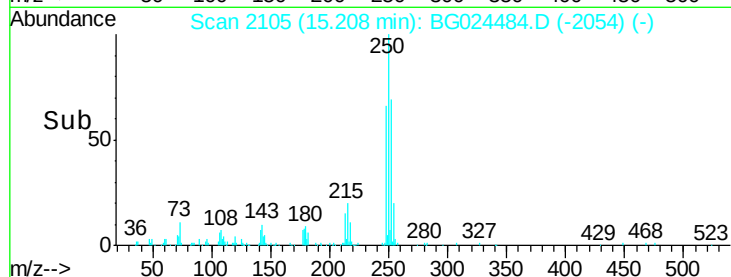
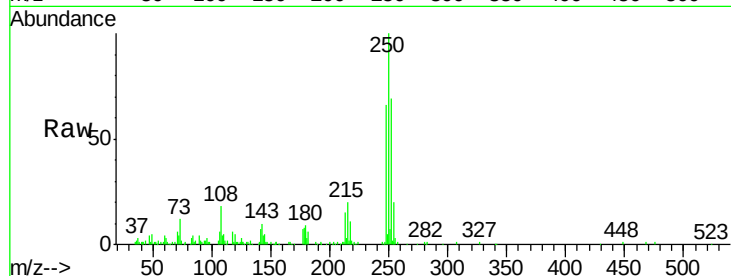
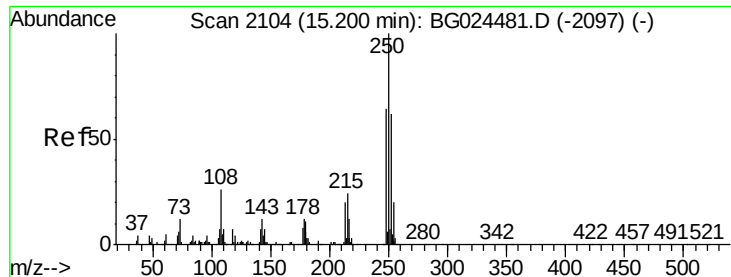


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#22

Pentachlorobenzene

Concen: 3.74 ng/uL

RT: 15.21 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BG024484.D

Acq: 21 Oct 2016 4:57

Instrument :

BNA_G

ClientSampleId :

MDL-02-W

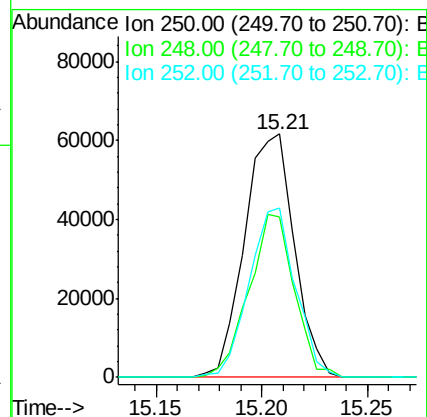
Tgt Ion:250 Resp: 100889

Ion Ratio Lower Upper

250 100

248 65.7 50.6 75.8

252 69.4 51.4 77.0



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
 Data File : BG024484.D
 Acq On : 21 Oct 2016 4:57
 Operator : UM/SJ
 Sample : MDL-02-W
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-02-W

Quant Time: Oct 21 18:17:09 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	232957	20.00	ng/ul	0.00
7) Naphthalene-d8	11.11	136	1061710	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.90	164	845991	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.64	188	1681466	20.00	ng/ul	0.00
23) Chrysene-d12	21.94	240	1940116	20.00	ng/ul	0.00
25) Perylene-d12	25.37	264	1992978	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.64	96	33169	7.61	ng/uL	0.00
3) Phenol-d5	7.41	99	769387	36.31	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.59	67	496434	37.91	ng/ul	0.00
5) 2-Chlorophenol-d4	7.81	132	545165	36.57	ng/ul	0.00
6) 4-Methylphenol-d8	8.97	113	653691	36.99	ng/ul	0.00
8) Nitrobenzene-d5	9.46	128	307362	38.71	ng/ul	0.00
9) 2-Nitrophenol-d4	10.18	143	354773	38.38	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.71	165	661924	35.34	ng/ul	0.00
11) 4-Chloroaniline-d4	11.24	131	823797	42.29	ng/ul	0.00
14) Dimethylphthalate-d6	14.29	166	2045686	35.86	ng/ul	0.00
15) Acenaphthylene-d8	14.60	160	2413141	35.54	ng/ul	0.00
16) 4-Nitrophenol-d4	15.06	143	356077	36.51	ng/ul	0.00
17) Fluorene-d10	15.88	176	1891059	34.79	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.99	200	425195	37.84	ng/ul	0.00
20) Anthracene-d10	17.73	188	2534007	33.92	ng/ul	0.00
24) Pyrene-d10	20.01	212	2887178	34.25	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.14	264	3220756	36.93	ng/ul	0.00

Target Compounds

						Qvalue
12) 1-Methylnaphthalene	12.96	142	144540	3.66	ng/ul	92
21) 1,2,3,4-Tetrachlorobenzene	13.70	216	98409	3.83	ng/uL	97
22) Pentachlorobenzene	15.21	250	100889	3.74	ng/uL	95

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