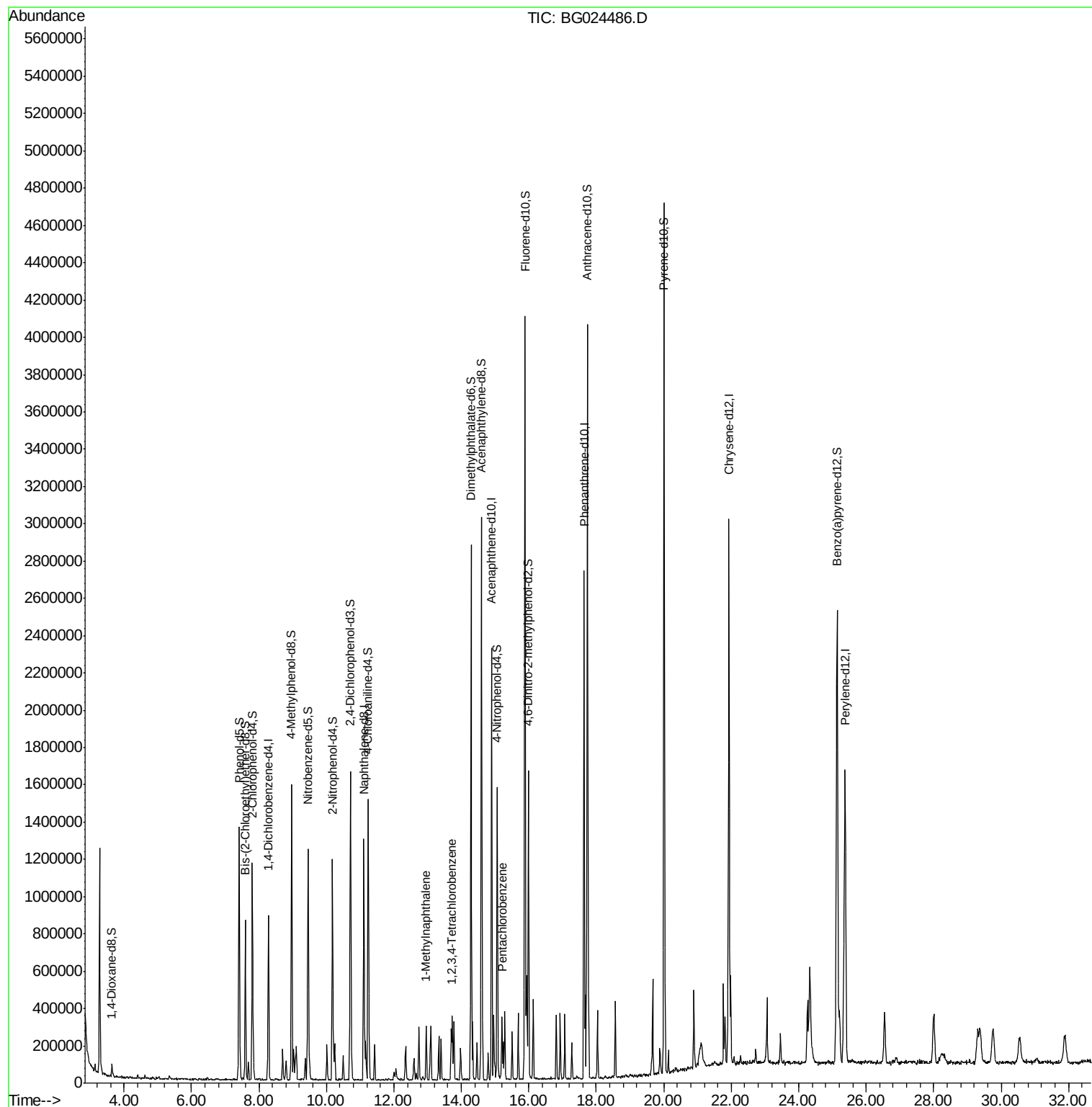
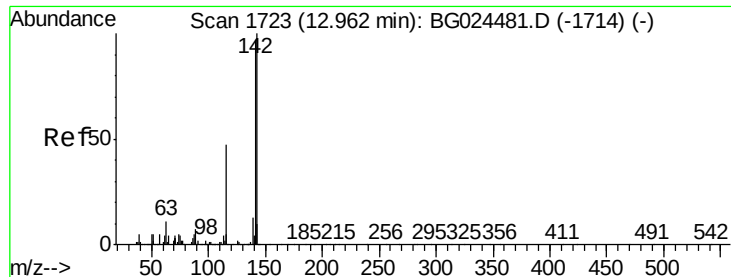


Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024486.D
Acq On : 21 Oct 2016 6:15
Operator : UM/SJ
Sample : MDL-04-W
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-04-W

Quant Time: Oct 21 18:20:47 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

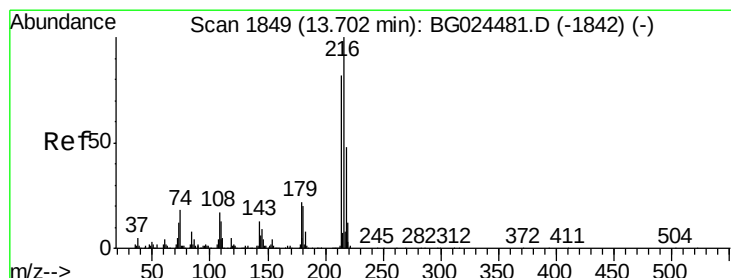
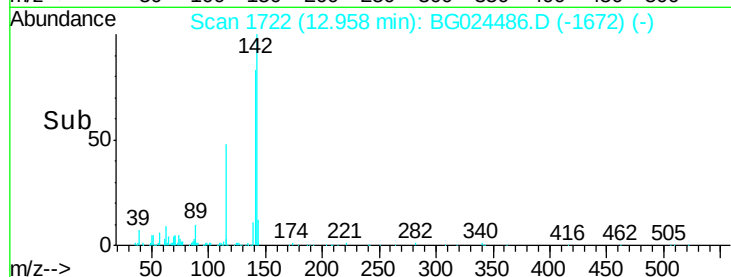
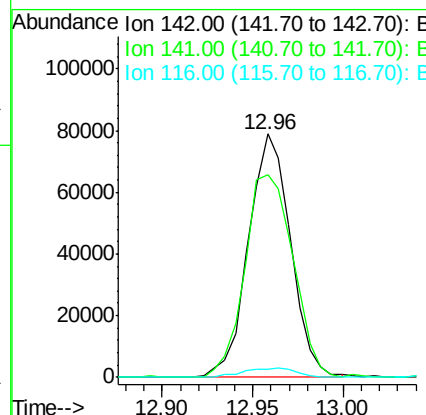
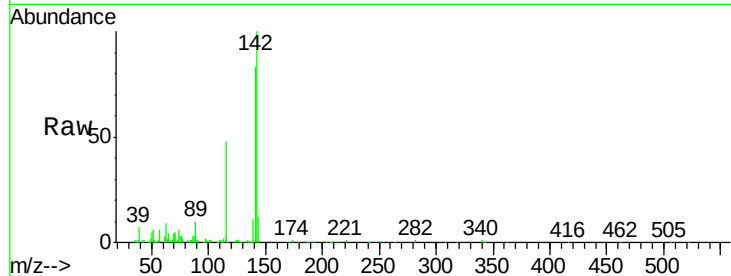




#12
 1-Methylnaphthalene
 Concen: 3.33 ng/uL
 RT: 12.96 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG024486.D
 Acq: 21 Oct 2016 6:15

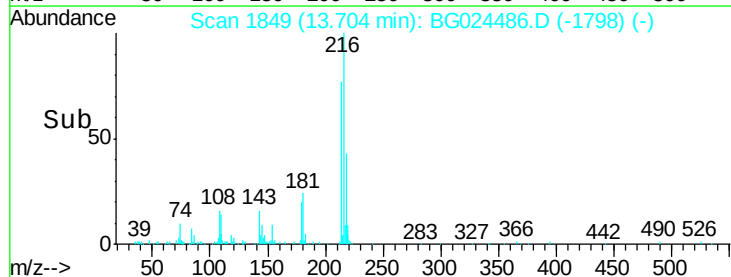
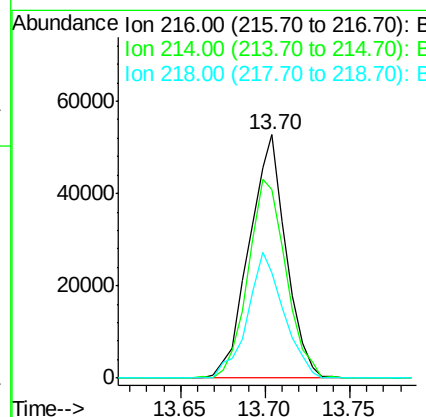
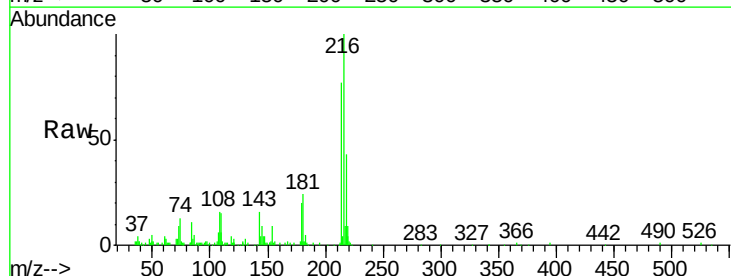
Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-W

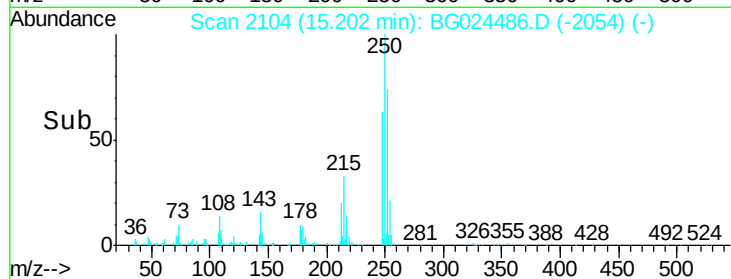
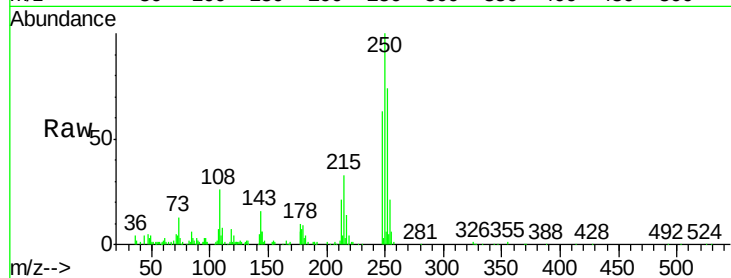
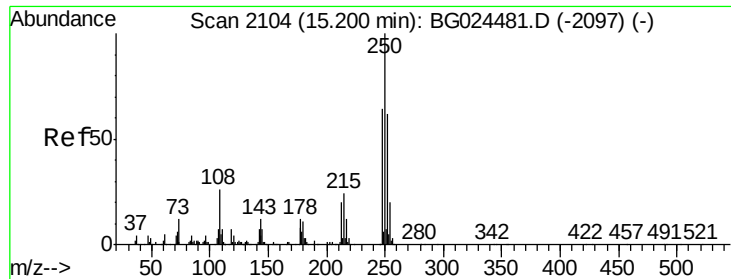
Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.5	74.9	112.3
116	3.4	3.1	4.7



#21
 1,2,3,4-Tetrachlorobenzene
 Concen: 3.18 ng/uL
 RT: 13.70 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BG024486.D
 Acq: 21 Oct 2016 6:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.2	62.5	93.7
218	43.5	38.4	57.6





#22

Pentachlorobenzene

Concen: 3.56 ng/uL

RT: 15.20 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BG024486.D

Acq: 21 Oct 2016 6:15

Instrument :

BNA_G

ClientSampleId :

MDL-04-W

Tgt Ion:250 Resp: 93764

Ion Ratio Lower Upper

250 100

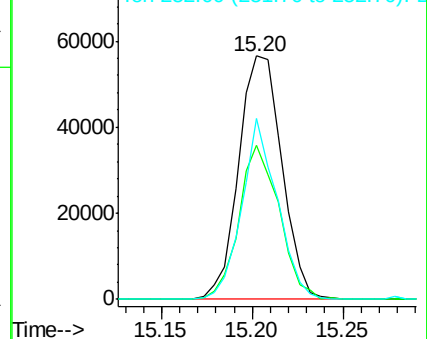
248 63.2 50.6 75.8

252 74.1 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 : BG024486.D
 Acq On : 21 Oct 2016 6:15
 Operator : UM/SJ
 Sample : MDL-04-W
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-W

Quant Time: Oct 21 18:20:47 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	225366	20.00	ng/ul	0.00
7) Naphthalene-d8	11.11	136	1028789	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.90	164	824811	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.63	188	1643041	20.00	ng/ul	0.00
23) Chrysene-d12	21.94	240	1878742	20.00	ng/ul	0.00
25) Perylene-d12	25.37	264	1927499	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.64	96	29585	7.02	ng/uL	0.00
3) Phenol-d5	7.41	99	673842	32.88	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.59	67	430130	33.95	ng/ul	0.00
5) 2-Chlorophenol-d4	7.81	132	481454	33.38	ng/ul	0.00
6) 4-Methylphenol-d8	8.97	113	578119	33.82	ng/ul	0.00
8) Nitrobenzene-d5	9.46	128	258329	33.58	ng/ul	0.00
9) 2-Nitrophenol-d4	10.18	143	321156	35.85	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.71	165	578739	31.89	ng/ul	0.00
11) 4-Chloroaniline-d4	11.24	131	690561	36.58	ng/ul	0.00
14) Dimethylphthalate-d6	14.29	166	1806835	32.48	ng/ul	0.00
15) Acenaphthylene-d8	14.60	160	2109075	31.86	ng/ul	0.00
16) 4-Nitrophenol-d4	15.06	143	306356	32.22	ng/ul	0.00
17) Fluorene-d10	15.88	176	1645773	31.05	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.98	200	365525	33.29	ng/ul	0.00
20) Anthracene-d10	17.73	188	2292743	31.41	ng/ul	0.00
24) Pyrene-d10	20.01	212	2619091	32.09	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.14	264	2818056	33.41	ng/ul	0.00

Target Compounds

						Qvalue
12) 1-Methylnaphthalene	12.96	142	127367	3.33	ng/ul	90
21) 1,2,3,4-Tetrachlorobenzene	13.70	216	79842	3.18	ng/uL	97
22) Pentachlorobenzene	15.20	250	93764	3.56	ng/uL	94

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