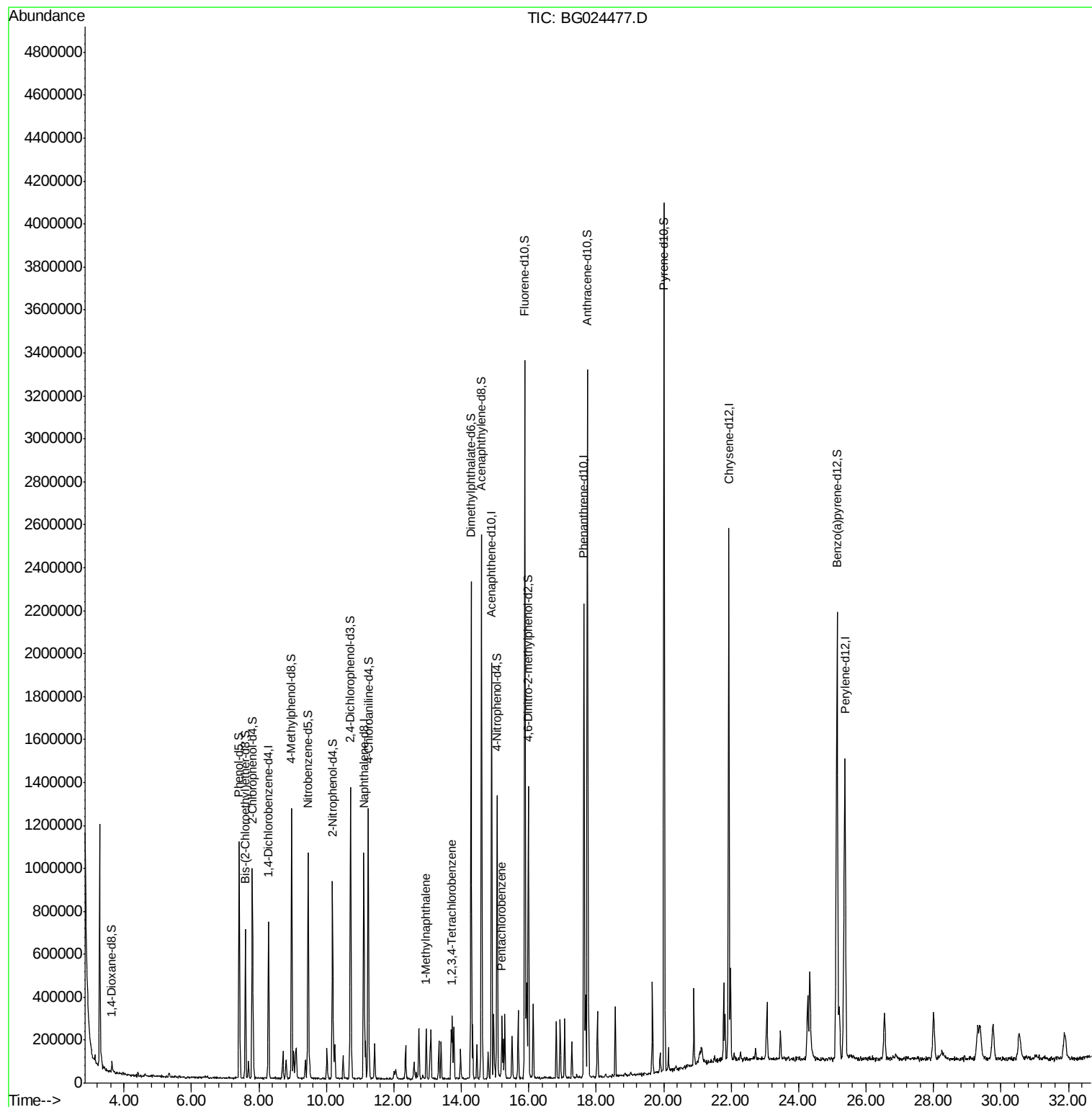
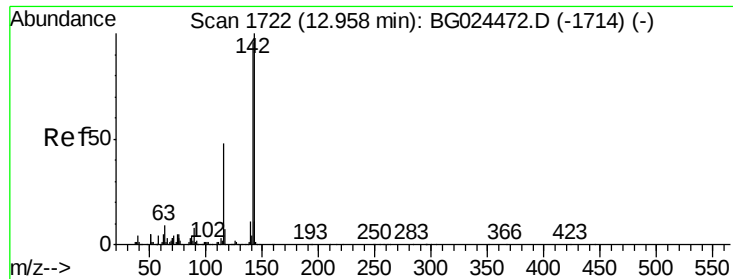


Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024477.D
Acq On : 21 Oct 2016 00:27
Operator : UM/SJ
Sample : MDL-04-S-ML
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-04-S-ML

Quant Time: Oct 21 17:53:29 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

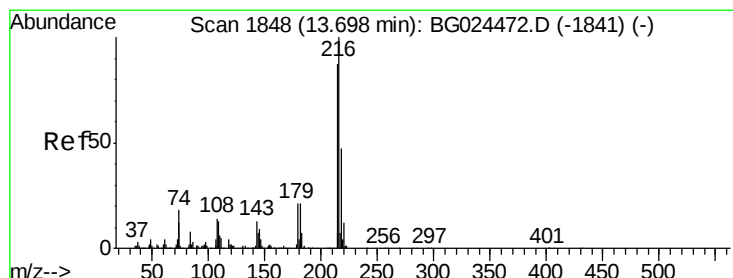
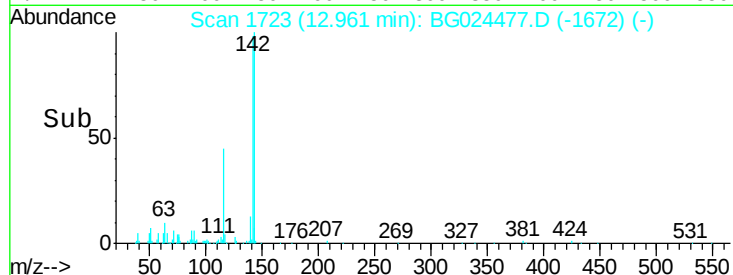
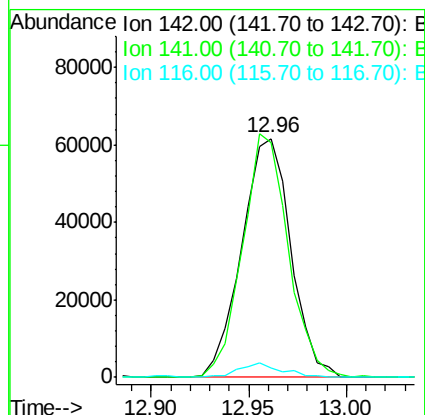
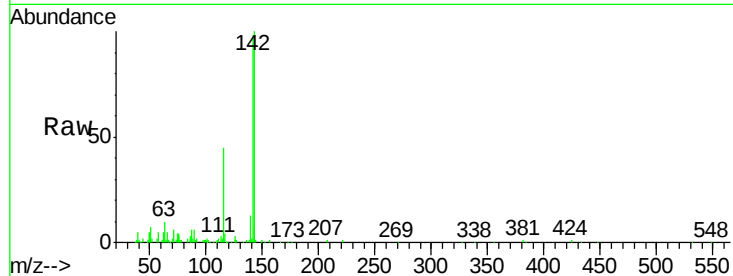




#12
 1-Methylnaphthalene
 Concen: 3.42 ng/uL
 RT: 12.96 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG024477.D
 Acq: 21 Oct 2016 00:27

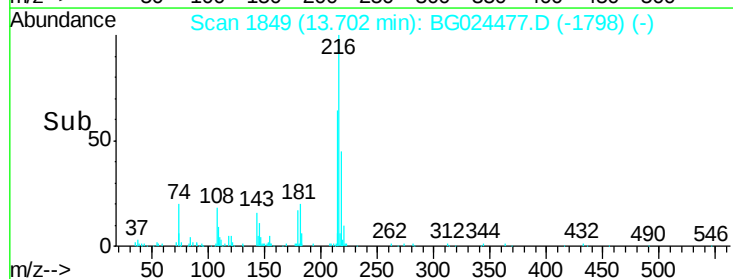
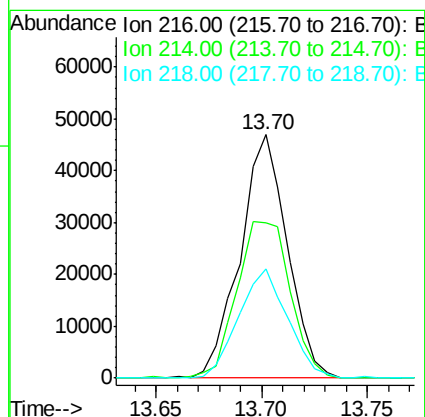
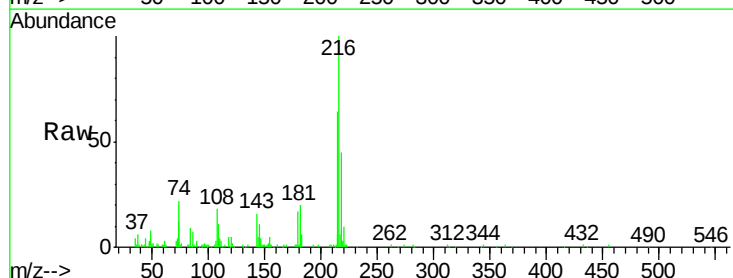
Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-S-ML

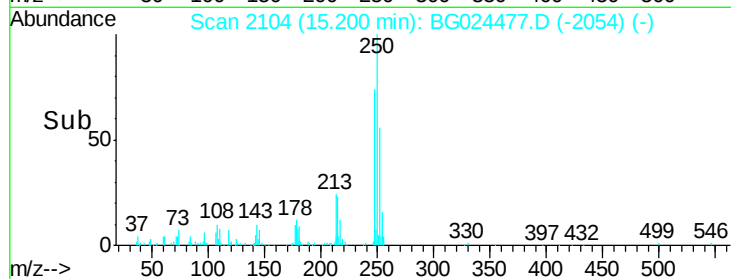
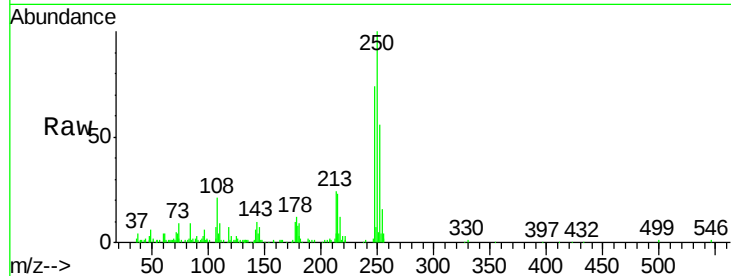
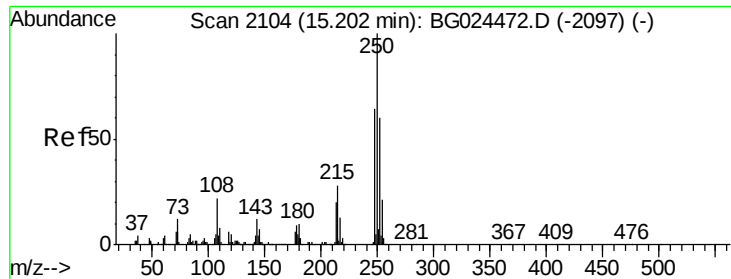
Tgt Ion:142 Resp: 107301
 Ion Ratio Lower Upper
 142 100
 141 98.2 74.9 112.3
 116 3.8 3.1 4.7



#21
 1,2,3,4-Tetrachlorobenzene
 Concen: 3.46 ng/uL
 RT: 13.70 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BG024477.D
 Acq: 21 Oct 2016 00:27

Tgt Ion:216 Resp: 72889
 Ion Ratio Lower Upper
 216 100
 214 63.6 62.5 93.7
 218 47.9 38.4 57.6





#22

Pentachlorobenzene

Concen: 3.42 ng/uL

RT: 15.20 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BG024477.D

Acq: 21 Oct 2016 00:27

Instrument :

BNA_G

ClientSampleId :

MDL-04-S-ML

Tgt Ion:250 Resp: 75427

Ion Ratio Lower Upper

250 100

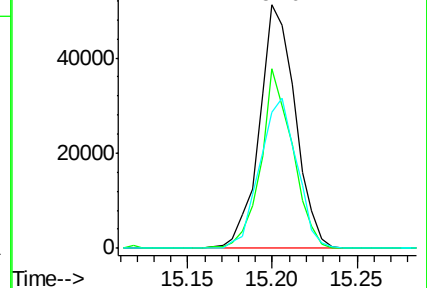
248 73.7 50.6 75.8

252 55.9 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 : BG024477.D
 Acq On : 21 Oct 2016 00:27
 Operator : UM/SJ
 Sample : MDL-04-S-ML
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-S-ML

Quant Time: Oct 21 17:53:29 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	193076	20.00	ng/ul	0.00
7) Naphthalene-d8	11.11	136	844113	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.89	164	686098	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.63	188	1378007	20.00	ng/ul	0.00
23) Chrysene-d12	21.93	240	1597848	20.00	ng/ul	0.00
25) Perylene-d12	25.37	264	1679918	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.64	96	23827	6.60	ng/uL	0.00
3) Phenol-d5	7.41	99	551525	31.41	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.60	67	364810	33.61	ng/ul	0.00
5) 2-Chlorophenol-d4	7.80	132	400165	32.39	ng/ul	0.00
6) 4-Methylphenol-d8	8.97	113	470073	32.10	ng/ul	0.00
8) Nitrobenzene-d5	9.46	128	214391	33.96	ng/ul	0.00
9) 2-Nitrophenol-d4	10.18	143	257662	35.06	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.71	165	474458	31.86	ng/ul	0.00
11) 4-Chloroaniline-d4	11.24	131	595095	38.42	ng/ul	0.00
14) Dimethylphthalate-d6	14.29	166	1504954	32.53	ng/ul	0.00
15) Acenaphthylene-d8	14.59	160	1784937	32.42	ng/ul	0.00
16) 4-Nitrophenol-d4	15.06	143	254316	32.15	ng/ul	0.00
17) Fluorene-d10	15.88	176	1414868	32.09	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.99	200	281778	30.60	ng/ul	0.00
20) Anthracene-d10	17.73	188	1967951	32.14	ng/ul	0.00
24) Pyrene-d10	20.01	212	2250557	32.42	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.14	264	2386811	32.47	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1-Methylnaphthalene	12.96	142	107301	3.42	ng/ul	95
21) 1,2,3,4-Tetrachlorobenzene	13.70	216	72889	3.46	ng/uL	90
22) Pentachlorobenzene	15.20	250	75427	3.42	ng/uL	88

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