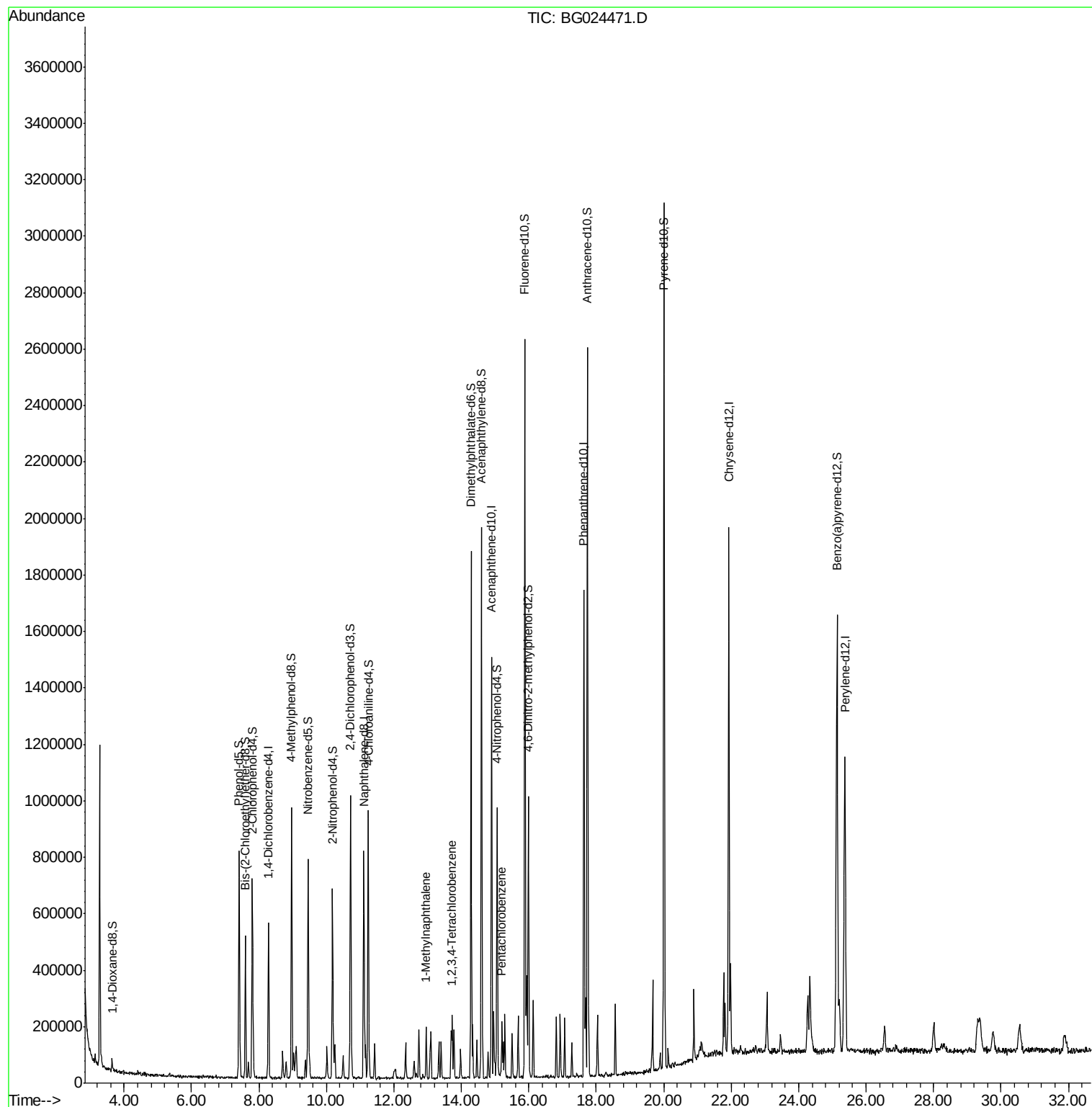
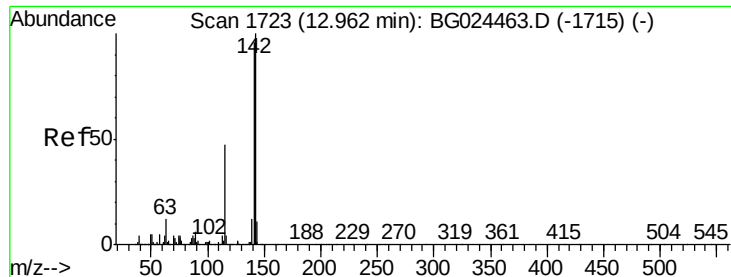


Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024471.D
Acq On : 20 Oct 2016 20:35
Operator : UM/SJ
Sample : MDL-07-S
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-07-S

Quant Time: Oct 21 17:45:37 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

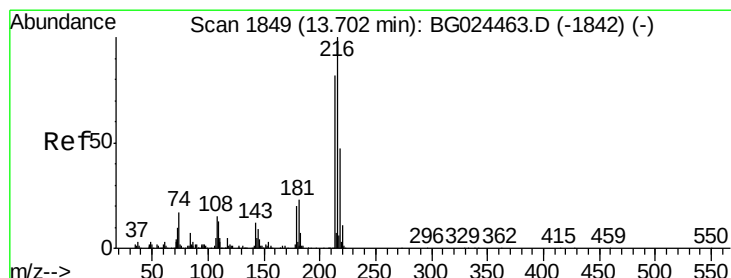
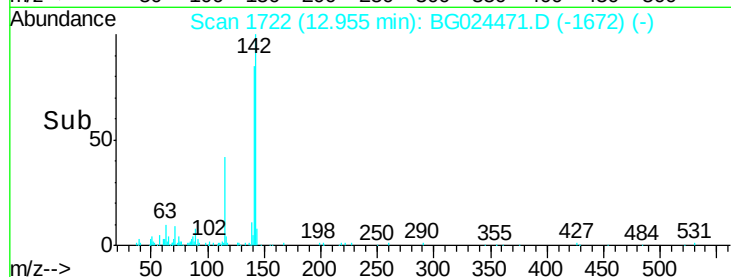
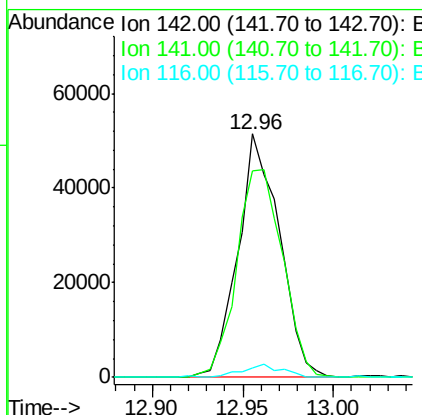
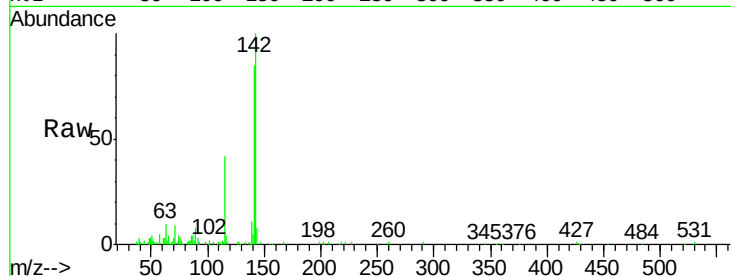




#12
 1-Methylnaphthalene
 Concen: 3.44 ng/uL
 RT: 12.96 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG024471.D
 Acq: 20 Oct 2016 20:35

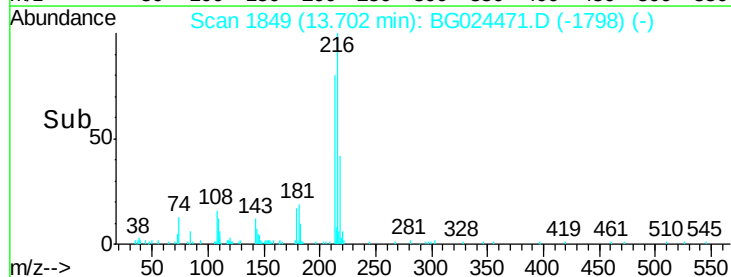
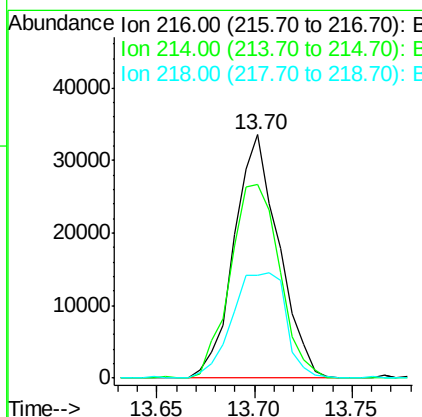
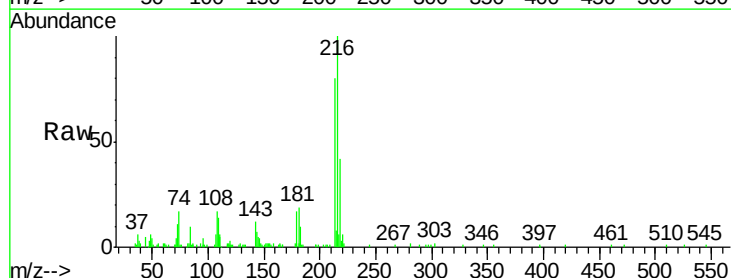
Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-S

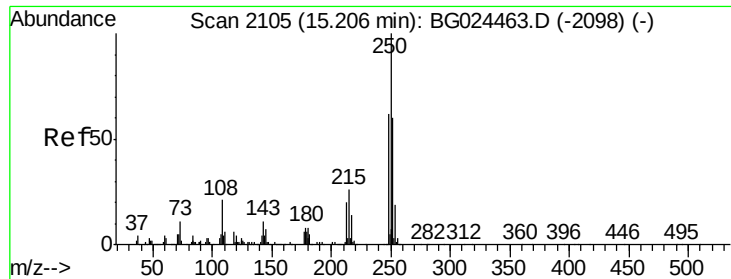
Tgt Ion:142 Resp: 81924
 Ion Ratio Lower Upper
 142 100
 141 85.0 74.9 112.3
 116 4.0 3.1 4.7



#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: BG024471.D
 Acq: 20 Oct 2016 20:35

Tgt Ion:216 Resp: 53136
 Ion Ratio Lower Upper
 216 100
 214 79.6 62.5 93.7
 218 42.4 38.4 57.6





#22

Pentachlorobenzene

Concen: 3.28 ng/uL

RT: 15.21 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BG024471.D

Acq: 20 Oct 2016 20:35

Instrument :

BNA_G

ClientSampleId :

MDL-07-S

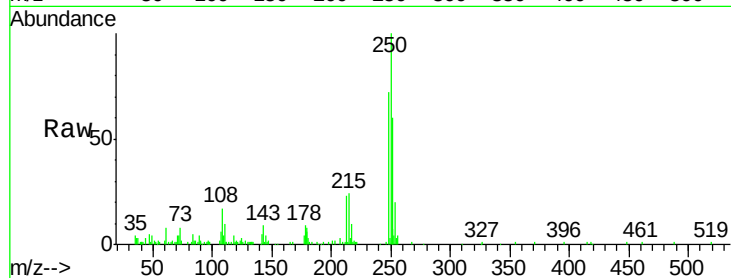
Tgt Ion:250 Resp: 57142

Ion Ratio Lower Upper

250 100

248 72.1 50.6 75.8

252 60.2 51.4 77.0

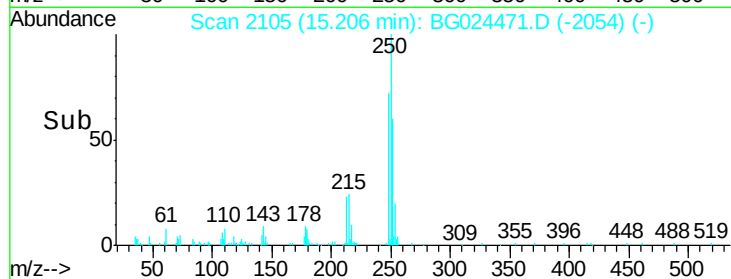
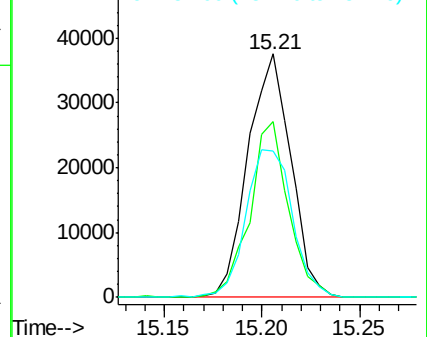


Abundance

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 : BG024471.D
 Acq On : 20 Oct 2016 20:35
 Operator : UM/SJ
 Sample : MDL-07-S
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-S

Quant Time: Oct 21 17:45:37 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	142299	20.00	ng/ul	0.00
7) Naphthalene-d8	11.10	136	640798	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.89	164	529724	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.63	188	1086029	20.00	ng/ul	0.00
23) Chrysene-d12	21.93	240	1244884	20.00	ng/ul	0.00
25) Perylene-d12	25.37	264	1275003	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.64	96	19698	7.40	ng/uL	0.00
3) Phenol-d5	7.41	99	399501	30.87	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.59	67	263698	32.96	ng/ul	0.00
5) 2-Chlorophenol-d4	7.80	132	294107	32.30	ng/ul	0.00
6) 4-Methylphenol-d8	8.97	113	346997	32.15	ng/ul	0.00
8) Nitrobenzene-d5	9.45	128	158863	33.15	ng/ul	0.00
9) 2-Nitrophenol-d4	10.18	143	186870	33.49	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.71	165	356710	31.56	ng/ul	0.00
11) 4-Chloroaniline-d4	11.24	131	440290	37.45	ng/ul	0.00
14) Dimethylphthalate-d6	14.29	166	1177169	32.95	ng/ul	0.00
15) Acenaphthylene-d8	14.59	160	1395310	32.82	ng/ul	0.00
16) 4-Nitrophenol-d4	15.06	143	185669	30.40	ng/ul	0.00
17) Fluorene-d10	15.88	176	1090765	32.05	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.99	200	215051	29.63	ng/ul	0.00
20) Anthracene-d10	17.74	188	1527179	31.65	ng/ul	0.00
24) Pyrene-d10	20.01	212	1777304	32.86	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.14	264	1842131	33.02	ng/ul	0.00

Target Compounds

						Qvalue
12) 1-Methylnaphthalene	12.96	142	81924	3.44	ng/ul	91
21) 1,2,3,4-Tetrachlorobenzene	13.70	216	53136	3.20	ng/uL	96
22) Pentachlorobenzene	15.21	250	57142	3.28	ng/uL	92

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