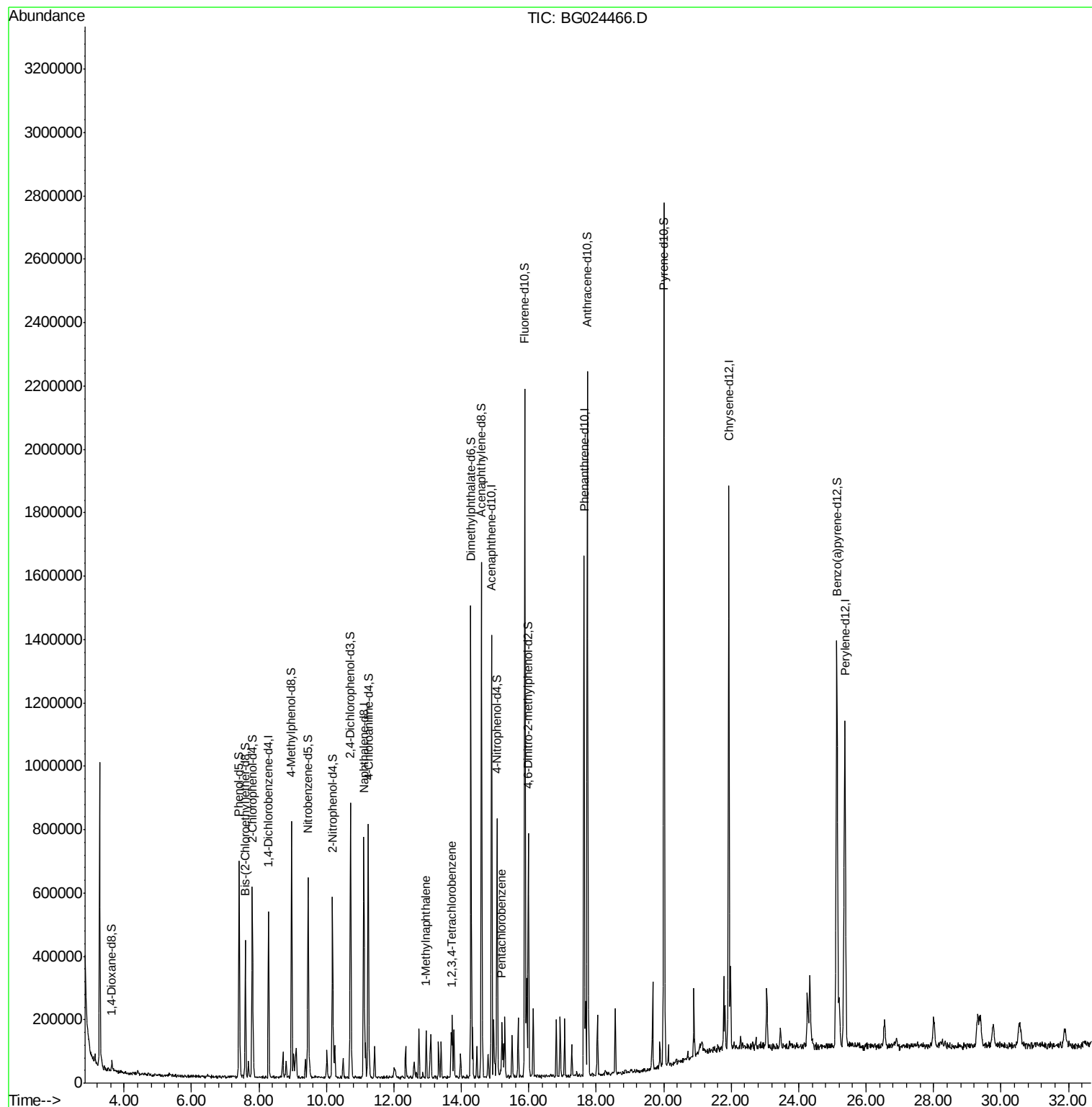
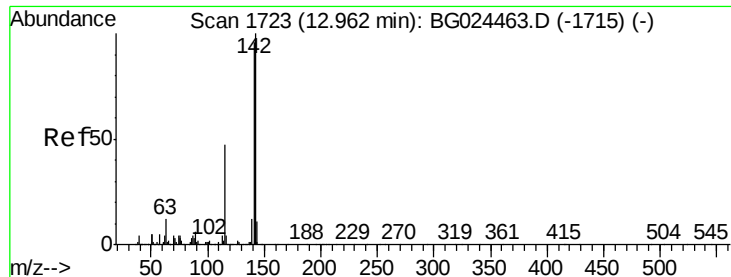


Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024466.D
Acq On : 20 Oct 2016 17:10
Operator : UM/SJ
Sample : MDL-02-S
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-02-S

Quant Time: Oct 21 17:36:40 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

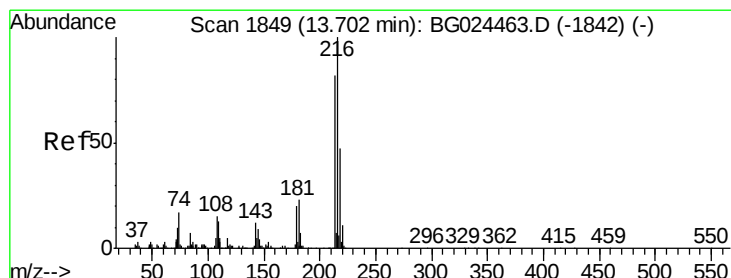
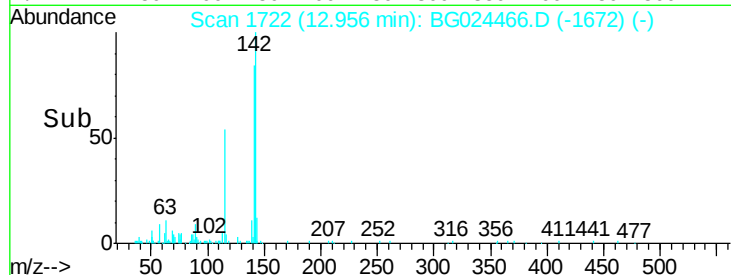
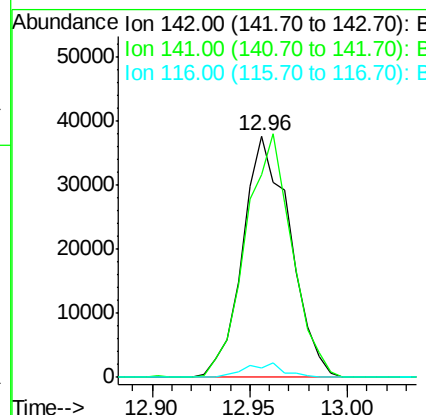
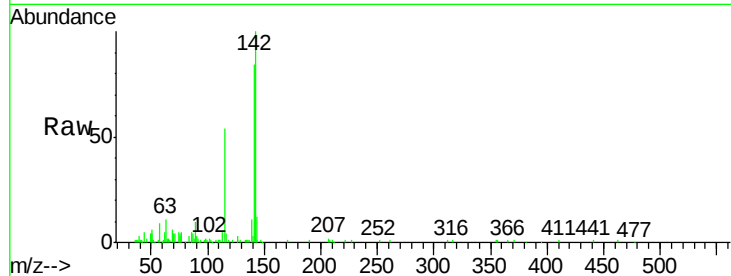




#12
 1-Methylnaphthalene
 Concen: 2.74 ng/uL
 RT: 12.96 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG024466.D
 Acq: 20 Oct 2016 17:10

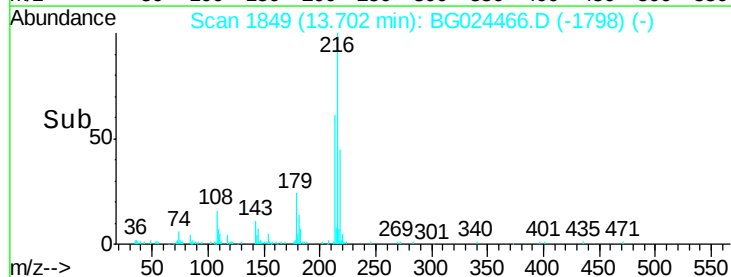
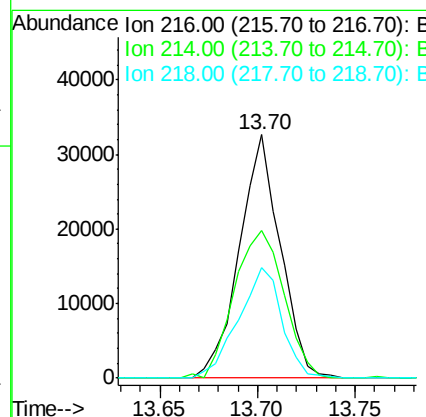
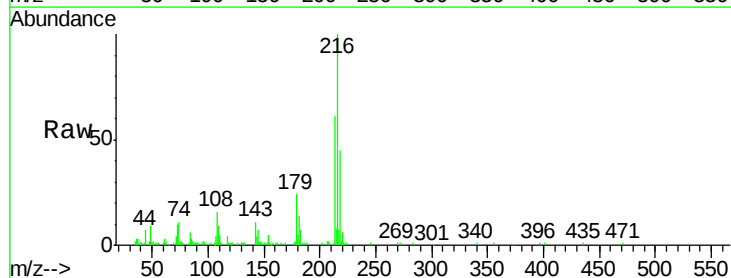
Instrument :
 BNA_G
 ClientSampleId :
 MDL-02-S

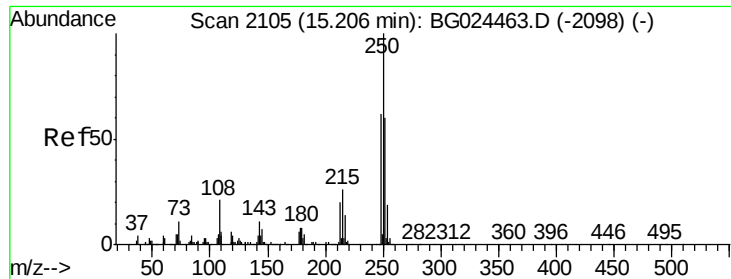
Tgt Ion:142 Resp: 63371
 Ion Ratio Lower Upper
 142 100
 141 84.0 74.9 112.3
 116 4.1 3.1 4.7



#21
 1,2,3,4-Tetrachlorobenzene
 Concen: 3.01 ng/uL
 RT: 13.70 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BG024466.D
 Acq: 20 Oct 2016 17:10

Tgt Ion:216 Resp: 47487
 Ion Ratio Lower Upper
 216 100
 214 60.7 62.5 93.7#
 218 47.5 38.4 57.6





#22

Pentachlorobenzene

Concen: 2.89 ng/uL

RT: 15.20 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BG024466.D

Acq: 20 Oct 2016 17:10

Instrument :

BNA_G

ClientSampleId :

MDL-02-S

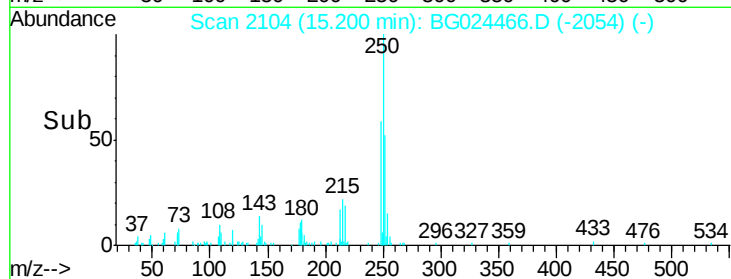
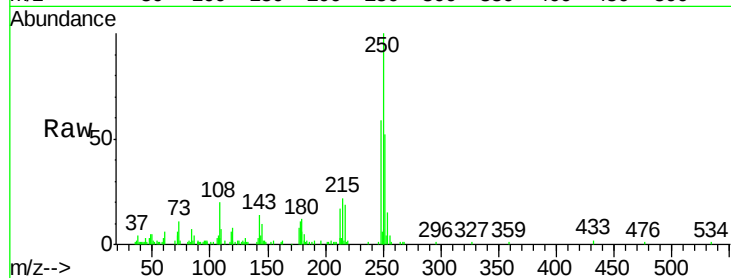
Tgt Ion:250 Resp: 47711

Ion Ratio Lower Upper

250 100

248 64.4 50.6 75.8

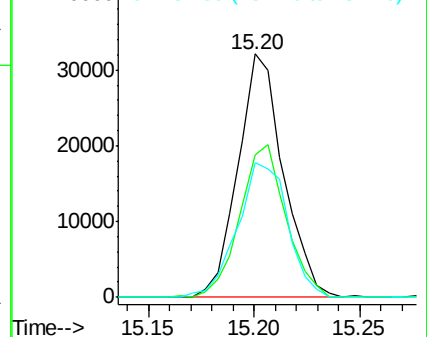
252 55.6 51.4 77.0



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 : BG024466.D
 Acq On : 20 Oct 2016 17:10
 Operator : UM/SJ
 Sample : MDL-02-S
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-02-S

Quant Time: Oct 21 17:36:40 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	141656	20.00	ng/ul	0.00
7) Naphthalene-d8	11.11	136	622706	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.89	164	505756	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.63	188	1031250	20.00	ng/ul	0.00
23) Chrysene-d12	21.93	240	1170188	20.00	ng/ul	0.00
25) Perylene-d12	25.37	264	1218690	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.64	96	17008	6.42	ng/uL	0.00
3) Phenol-d5	7.40	99	341376	26.50	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.60	67	217567	27.32	ng/ul	0.00
5) 2-Chlorophenol-d4	7.80	132	241218	26.61	ng/ul	0.00
6) 4-Methylphenol-d8	8.97	113	291647	27.14	ng/ul	0.00
8) Nitrobenzene-d5	9.45	128	132175	28.38	ng/ul	0.00
9) 2-Nitrophenol-d4	10.18	143	157772	29.10	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.71	165	299059	27.23	ng/ul	0.00
11) 4-Chloroaniline-d4	11.24	131	373723	32.71	ng/ul	0.00
14) Dimethylphthalate-d6	14.29	166	973214	28.53	ng/ul	0.00
15) Acenaphthylene-d8	14.60	160	1157865	28.53	ng/ul	0.00
16) 4-Nitrophenol-d4	15.06	143	156866	26.90	ng/ul	0.00
17) Fluorene-d10	15.88	176	925317	28.47	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.98	200	176639	25.63	ng/ul	0.00
20) Anthracene-d10	17.73	188	1273075	27.79	ng/ul	0.00
24) Pyrene-d10	20.01	212	1479303	29.10	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.14	264	1520117	28.51	ng/ul	0.00

Target Compounds						Qvalue
12) 1-Methylnaphthalene	12.96	142	63371	2.74	ng/ul	90
21) 1,2,3,4-Tetrachlorobenzene	13.70	216	47487	3.01	ng/uL#	87
22) Pentachlorobenzene	15.20	250	47711	2.89	ng/uL	94

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