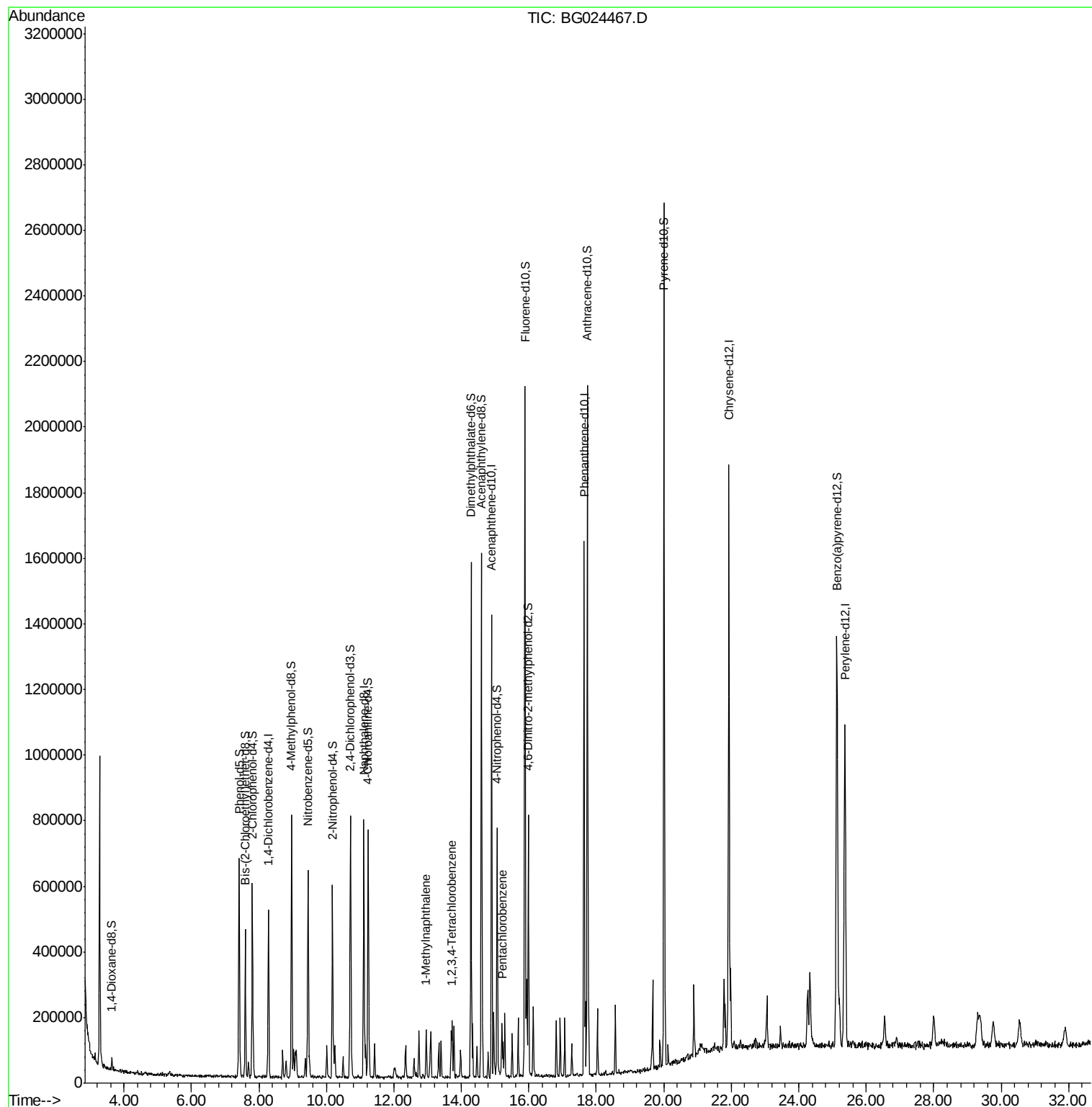
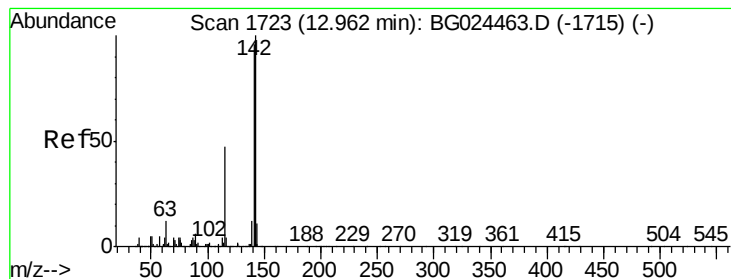


Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024467.D
Acq On : 20 Oct 2016 17:49
Operator : UM/SJ
Sample : MDL-03-S
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-03-S

Quant Time: Oct 21 17:37:23 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: 2.83 ng/uL

RT: 12.96 min Scan# 1722

Delta R.T. -0.00 min

Lab File: BG024467.D

Acq: 20 Oct 2016 17:49

Instrument :

BNA_G

ClientSampleId :

MDL-03-S

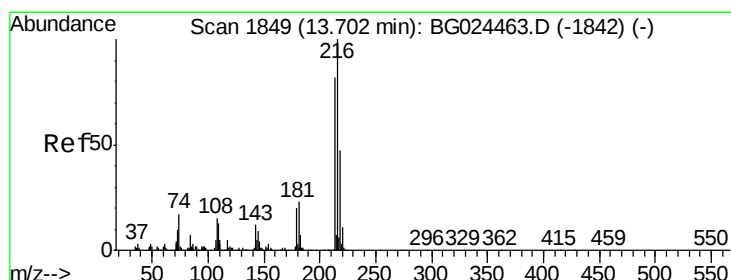
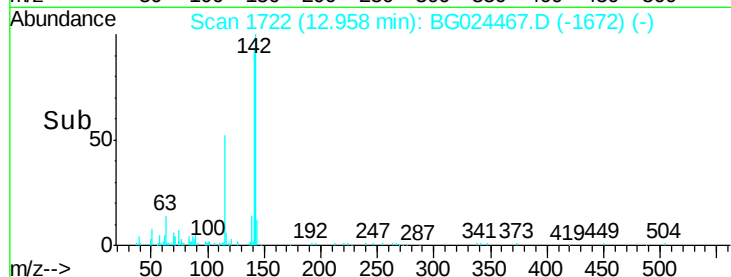
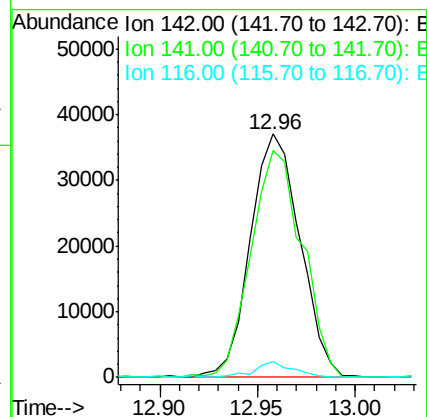
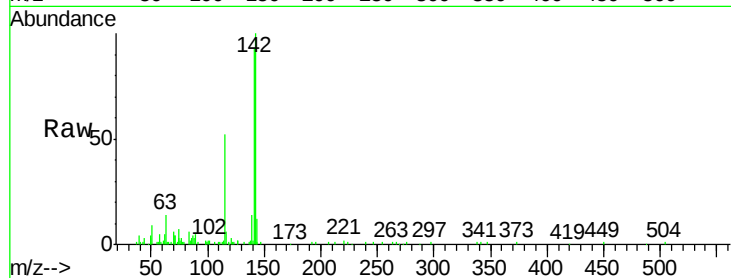
Tgt Ion:142 Resp: 65291

Ion Ratio Lower Upper

142 100

141 93.3 74.9 112.3

116 6.4 3.1 4.7#



#21

1,2,3,4-Tetrachlorobenzene

Concen: 2.73 ng/uL

RT: 13.70 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BG024467.D

Acq: 20 Oct 2016 17:49

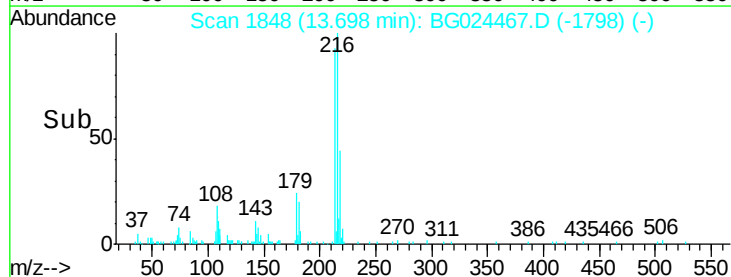
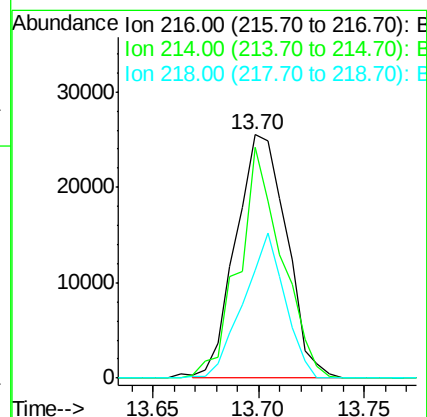
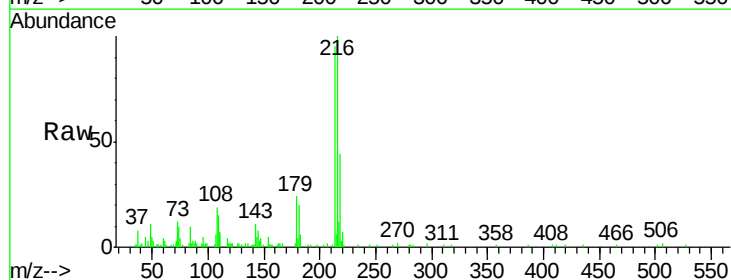
Tgt Ion:216 Resp: 42379

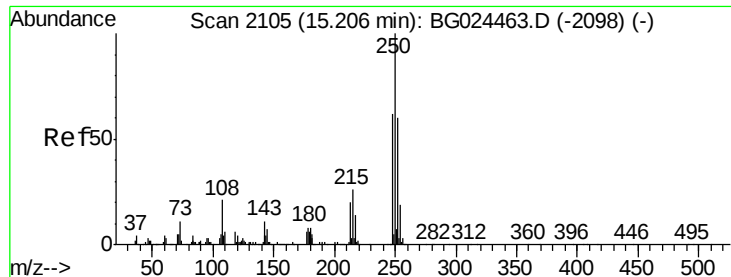
Ion Ratio Lower Upper

216 100

214 94.7 62.5 93.7#

218 44.1 38.4 57.6

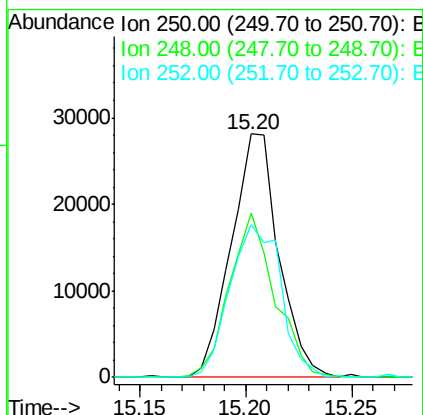
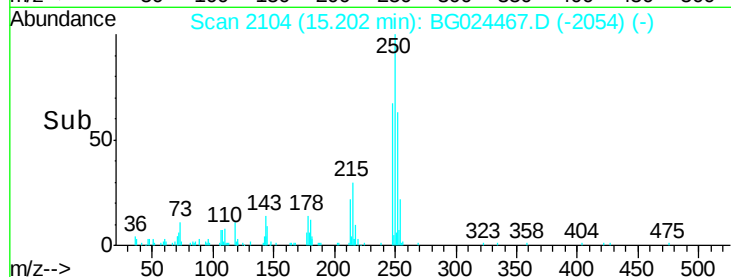
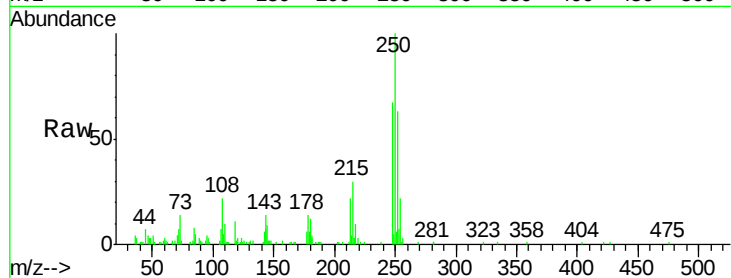




#22
 Pentachlorobenzene
 Concen: 2.70 ng/uL
 RT: 15.20 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BG024467.D
 Acq: 20 Oct 2016 17:49

Instrument :
 BNA_G
 ClientSampleId :
 MDL-03-S

Tgt Ion	Ratio	Lower	Upper
250	100		
248	67.2	50.6	75.8
252	62.8	51.4	77.0



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
 Data File : BG024467.D
 Acq On : 20 Oct 2016 17:49
 Operator : UM/SJ
 Sample : MDL-03-S
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-03-S

Quant Time: Oct 21 17:37:23 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	138257	20.00	ng/ul	0.00
7) Naphthalene-d8	11.11	136	621594	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.90	164	514534	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.63	188	1017227	20.00	ng/ul	0.00
23) Chrysene-d12	21.93	240	1155431	20.00	ng/ul	0.00
25) Perylene-d12	25.37	264	1204731	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.63	96	16644	6.44	ng/uL	0.00
3) Phenol-d5	7.41	99	336483	26.76	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.59	67	222163	28.58	ng/ul	0.00
5) 2-Chlorophenol-d4	7.81	132	234047	26.45	ng/ul	0.00
6) 4-Methylphenol-d8	8.97	113	282649	26.95	ng/ul	0.00
8) Nitrobenzene-d5	9.46	128	131710	28.33	ng/ul	0.00
9) 2-Nitrophenol-d4	10.18	143	155474	28.73	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.71	165	294813	26.89	ng/ul	0.00
11) 4-Chloroaniline-d4	11.24	131	359724	31.54	ng/ul	0.00
14) Dimethylphthalate-d6	14.29	166	977655	28.18	ng/ul	0.00
15) Acenaphthylene-d8	14.59	160	1156311	28.00	ng/ul	0.00
16) 4-Nitrophenol-d4	15.06	143	148692	25.07	ng/ul	0.00
17) Fluorene-d10	15.88	176	916775	27.73	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.98	200	171838	25.28	ng/ul	0.00
20) Anthracene-d10	17.73	188	1264717	27.98	ng/ul	0.00
24) Pyrene-d10	20.00	212	1459908	29.08	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.13	264	1515374	28.75	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1-Methylnaphthalene	12.96	142	65291	2.83	ng/ul#	99
21) 1,2,3,4-Tetrachlorobenzene	13.70	216	42379	2.73	ng/uL#	86
22) Pentachlorobenzene	15.20	250	43931	2.70	ng/uL	97

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