

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
 Data File : BG024911.D
 Acq On : 23 Nov 2016 17:50
 Operator : UM/SJ
 Sample : H5716-13MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4WH5MS

Manual Integrations
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Quant Time: Nov 24 01:18:54 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 24 01:09:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	84312	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	362795	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	307578	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	694180	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	908358	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	932240	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	2457	1.38	ng/uL	0.01
5) Phenol-d5	7.39	99	44839	5.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	127018	26.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	117915	21.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	91971	13.71	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	78105	27.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	93851	28.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	162466	24.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	10088	1.35	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	692681	30.63	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	718559	28.88	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	26546	6.67	ng/ul	0.00
57) Fluorene-d10	15.86	176	600395	28.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	148820	30.20	ng/ul	0.00
70) Anthracene-d10	17.71	188	1010400m	32.00	ng/ul	0.00
76) Pyrene-d10	19.98	212	1308144	32.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	1343699	32.42	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.42	94	55386	6.89	ng/ul	89
10) 2-Chlorophenol	7.81	128	108977	20.36	ng/ul	92
15) N-Nitroso-di-n-propylamine	9.05	70	154325	26.75	ng/ul#	88
33) 4-Chloro-3-methylphenol	12.33	107	188605	22.98	ng/ul	94
49) Acenaphthene	14.93	153	457085	27.62	ng/ul	95
52) 4-Nitrophenol	15.07	109	29918	6.45	ng/ul	83
54) 2,4-Dinitrotoluene	15.22	165	221815	31.06	ng/ul#	90
68) Pentachlorophenol	17.26	266	182333	32.45	ng/ul	91
77) Pyrene	20.01	202	1493654	31.73	ng/ul	99

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

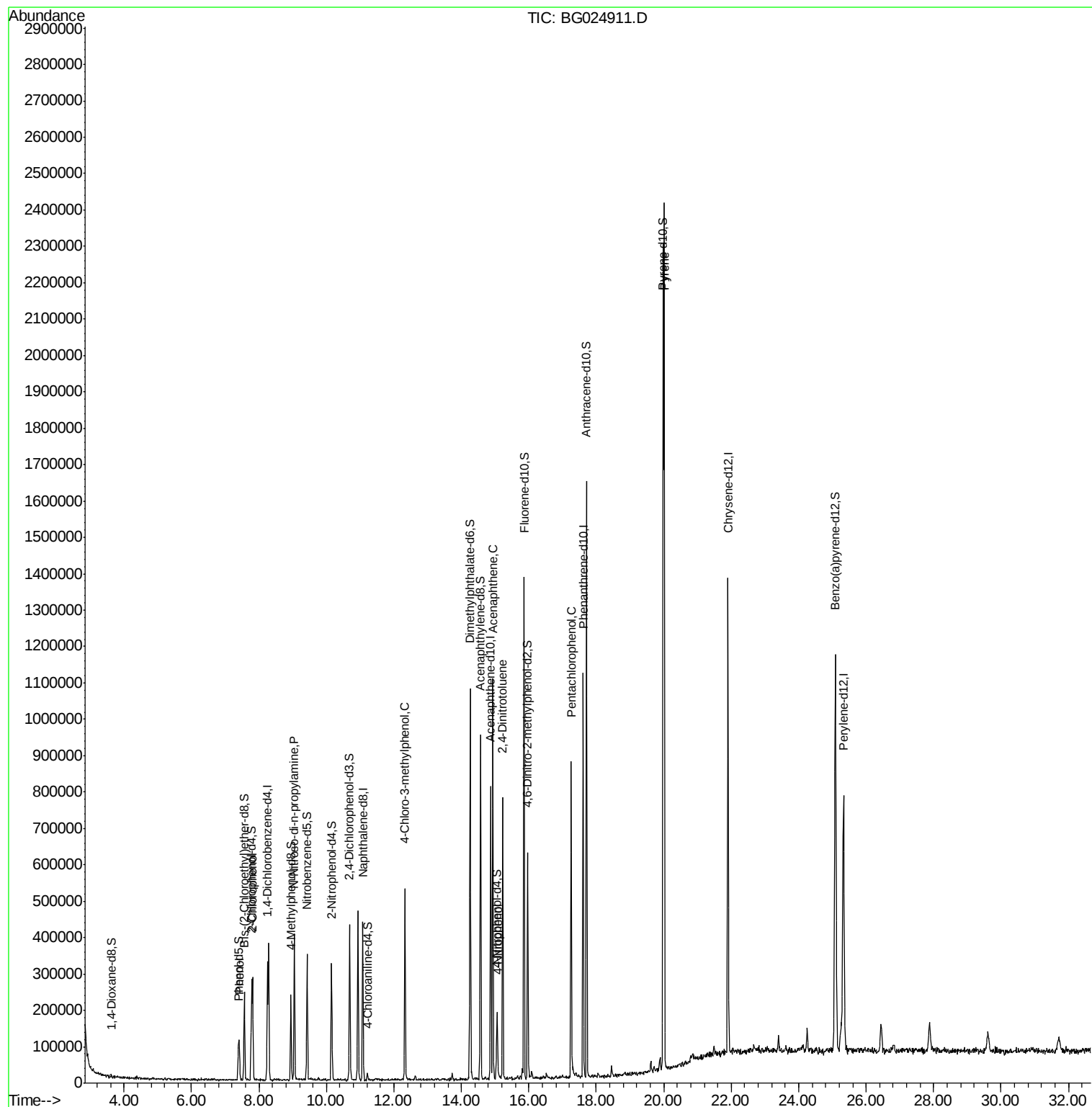
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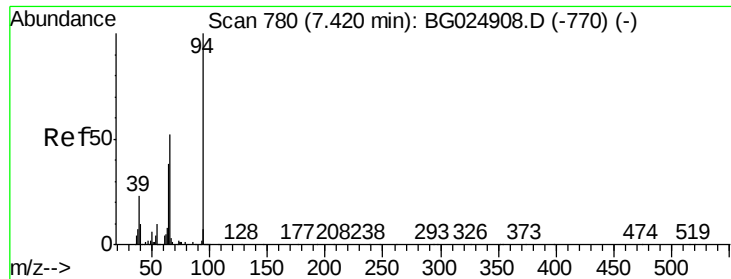
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:09:55 2016
Response via : Initial Calibration





#6

Phenol

Concen: 6.89 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.00 min

Lab File: BG024911.D

Acq: 23 Nov 2016 17:50

Instrument :

BNA_G

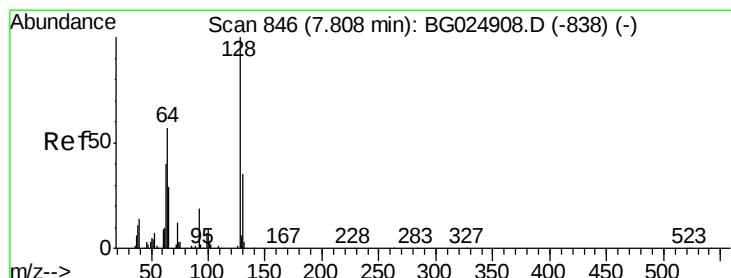
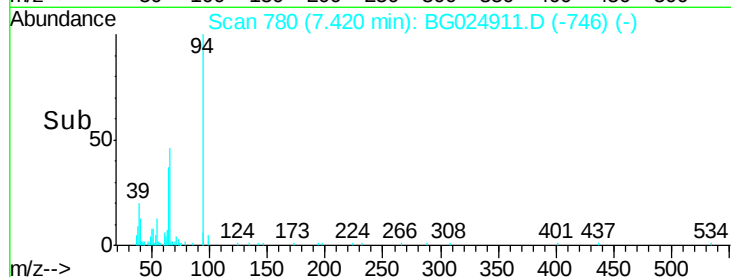
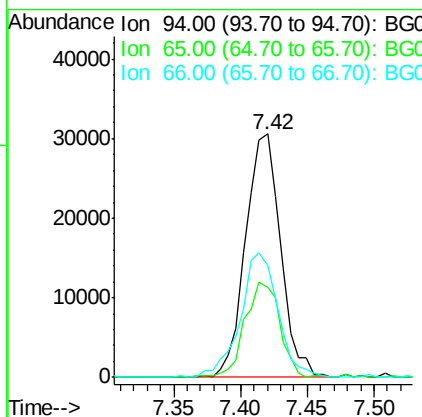
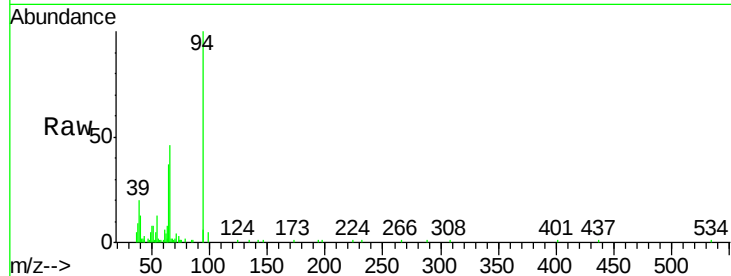
ClientSampleId :

A4WH5MS

Tgt Ion:	94	Resp:	55386
Ion	Ratio	Lower	Upper
94	100		
65	36.8	26.8	40.2
66	45.7	44.4	66.6

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#10

2-Chlorophenol

Concen: 20.36 ng/ul

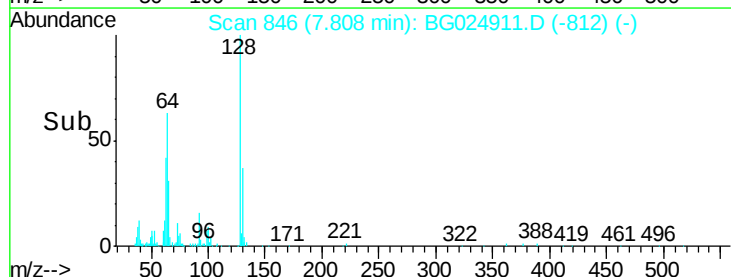
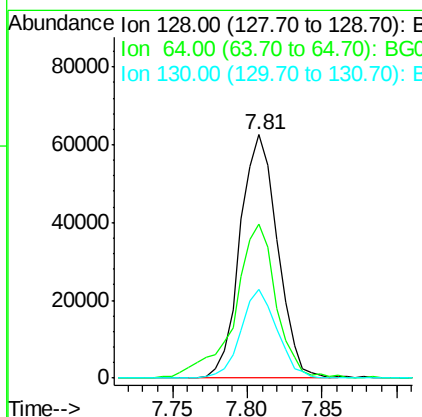
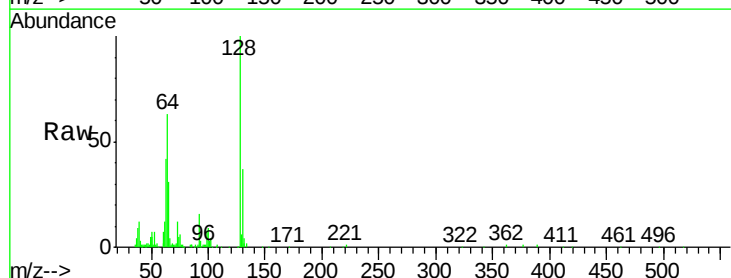
RT: 7.81 min Scan# 846

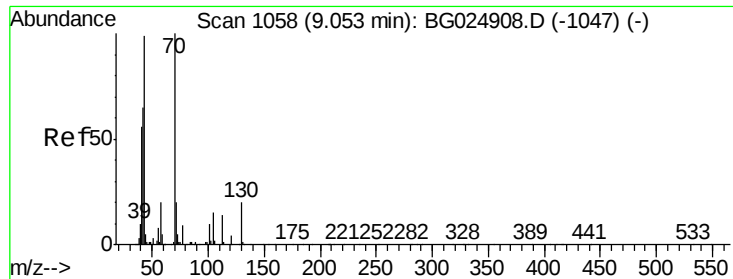
Delta R.T. 0.00 min

Lab File: BG024911.D

Acq: 23 Nov 2016 17:50

Tgt Ion:	128	Resp:	108977
Ion	Ratio	Lower	Upper
128	100		
64	63.0	56.3	84.5
130	36.7	26.7	40.1





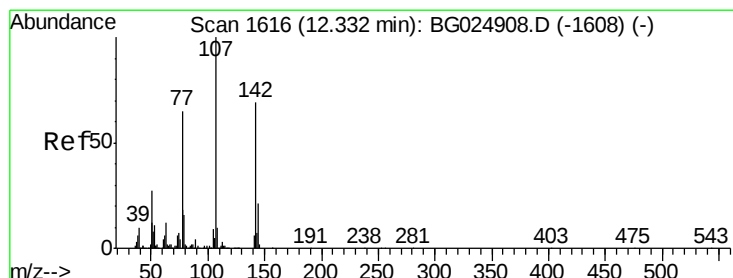
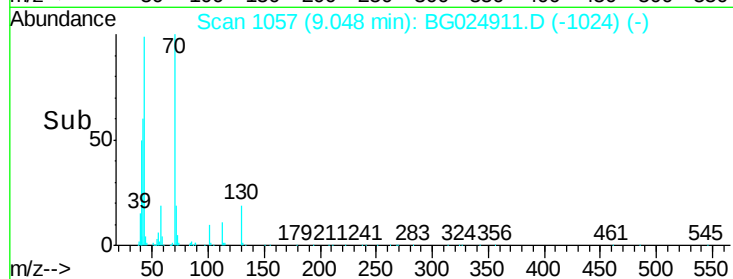
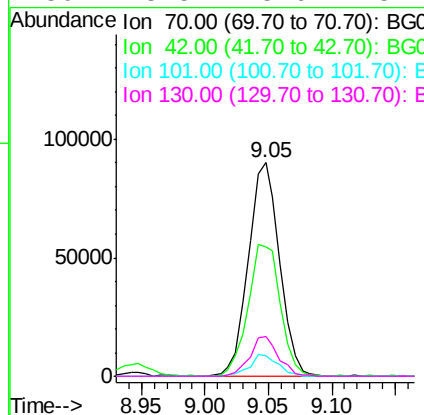
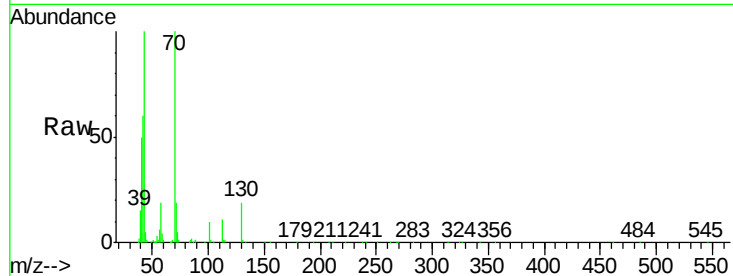
#15
N-Nitroso-di-n-propylamine
Concen: 26.75 ng/ul
RT: 9.05 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG024911.D
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
70	100		
42	60.3	59.0	88.6
101	9.9	6.6	9.8#
130	18.5	15.6	23.4

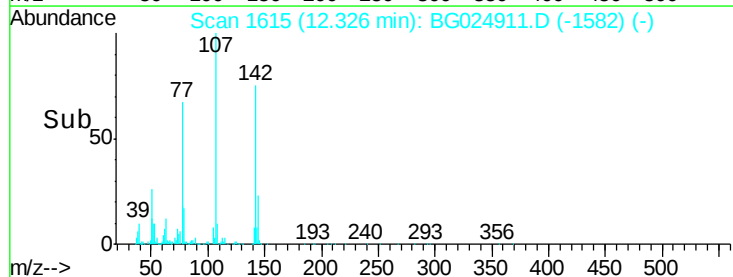
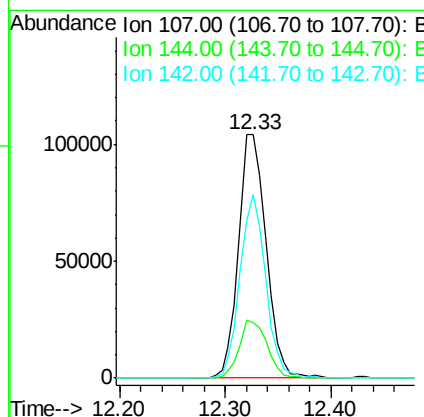
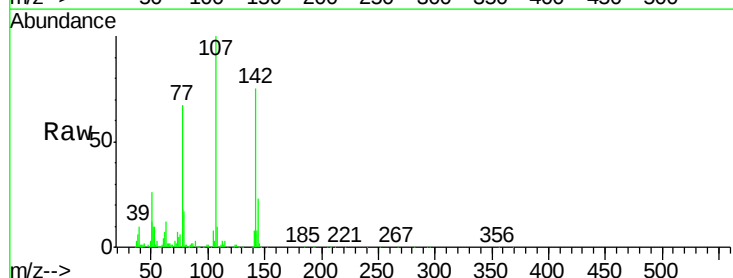
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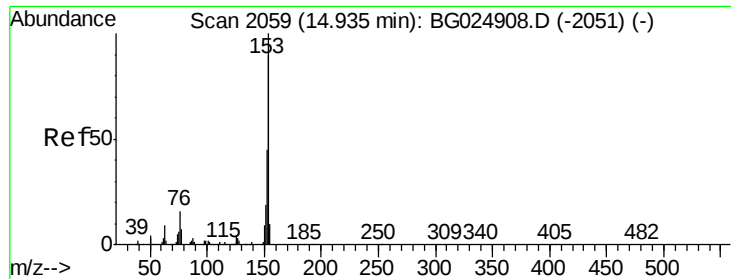
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#33
4-Chloro-3-methylphenol
Concen: 22.98 ng/ul
RT: 12.33 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BG024911.D
Acq: 23 Nov 2016 17:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.7	18.2	27.4
142	75.2	55.0	82.4





#49

Acenaphthene

Concen: 27.62 ng/ul

RT: 14.93 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BG024911.D

Acq: 23 Nov 2016 17:50

Instrument :

BNA_G

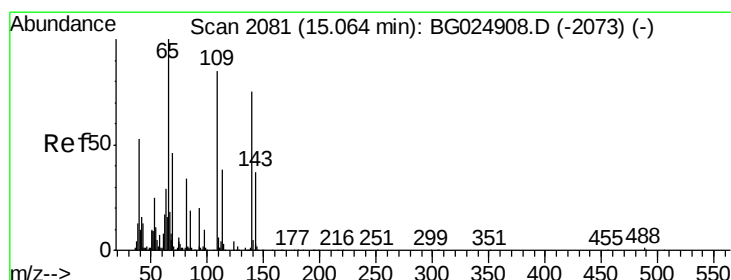
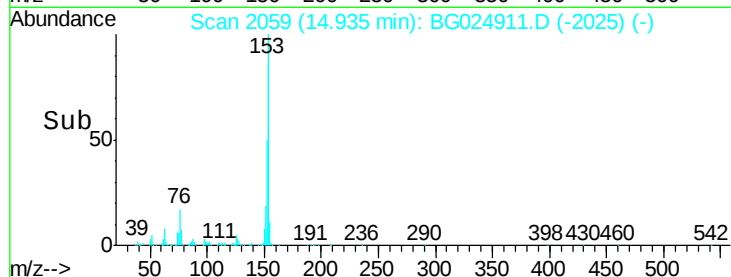
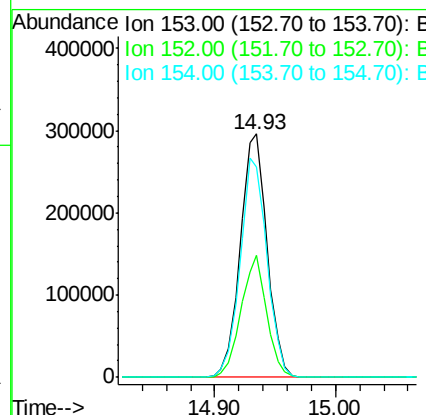
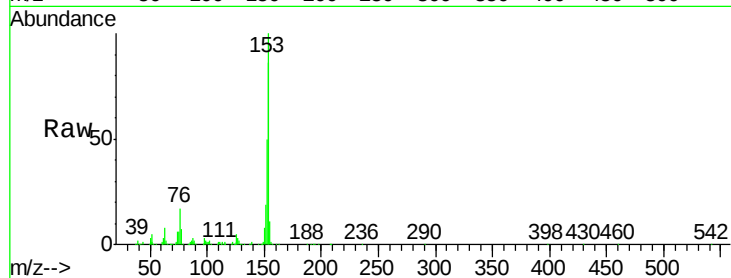
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Tgt Ion:	153	Resp:	457085
Ion Ratio	Lower	Upper	
153	100		
152	50.0	36.5	54.7
154	86.5	72.3	108.5

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#52

4-Nitrophenol

Concen: 6.45 ng/ul

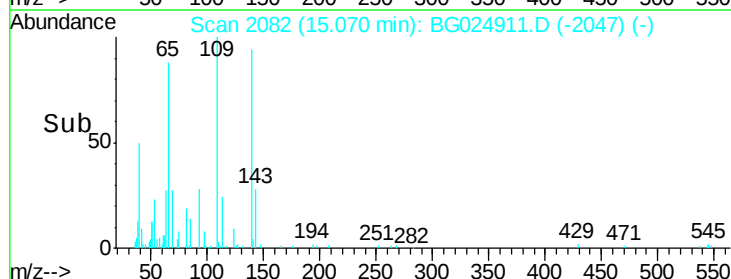
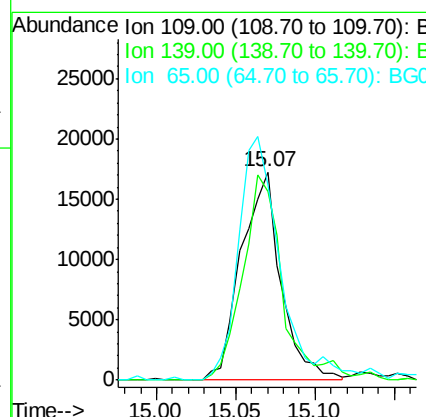
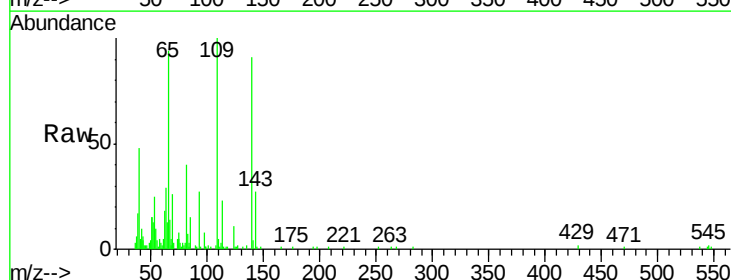
RT: 15.07 min Scan# 2082

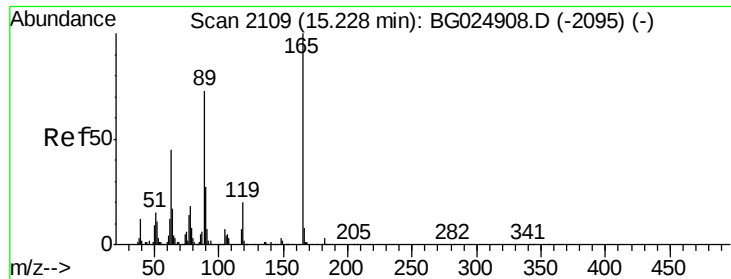
Delta R.T. 0.01 min

Lab File: BG024911.D

Acq: 23 Nov 2016 17:50

Tgt Ion:	109	Resp:	29918
Ion Ratio	Lower	Upper	
109	100		
139	90.9	62.6	93.8
65	93.6	90.4	135.6





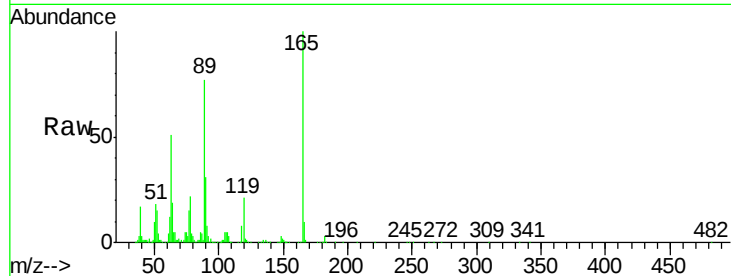
#54
2,4-Dinitrotoluene
Concen: 31.06 ng/ul
RT: 15.22 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG024911.D
Acq: 23 Nov 2016 17:50

Instrument :
BNA_G
ClientSampleId :
A4WH5MS

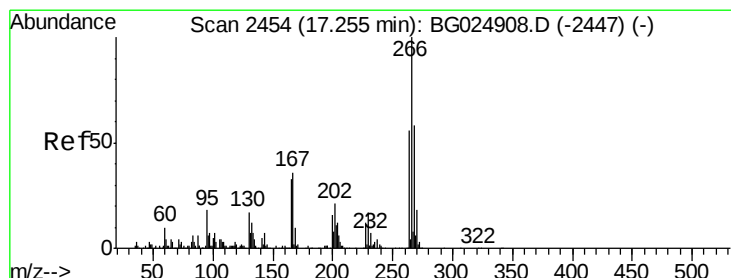
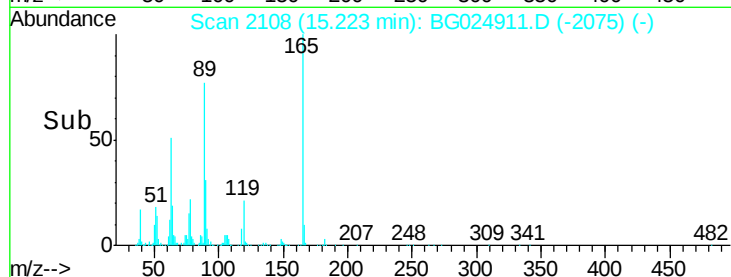
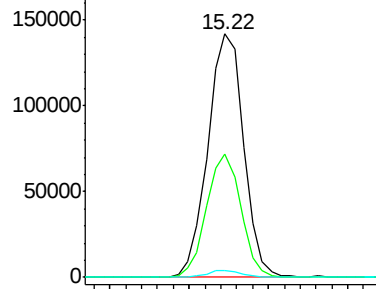
Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	50.7	46.8	70.2
182	2.7	1.8	2.6

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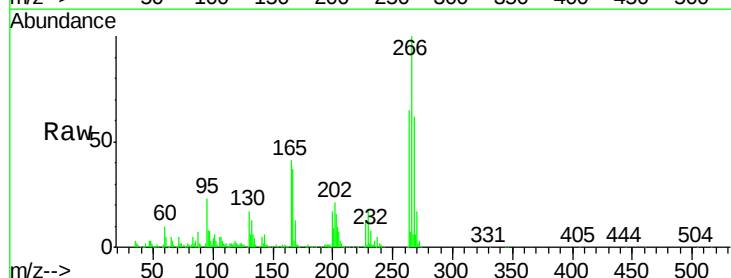


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 182.00 (181.70 to 182.70): E

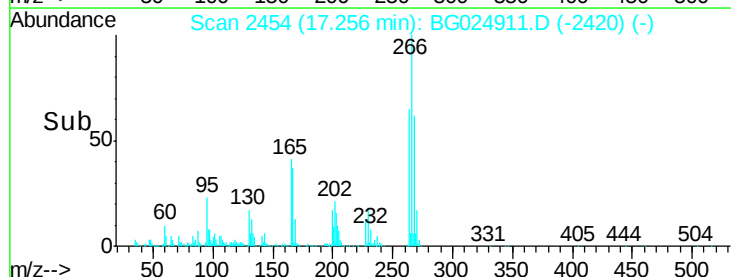
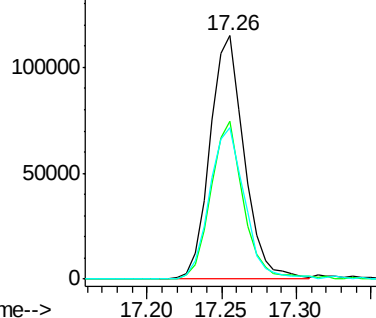


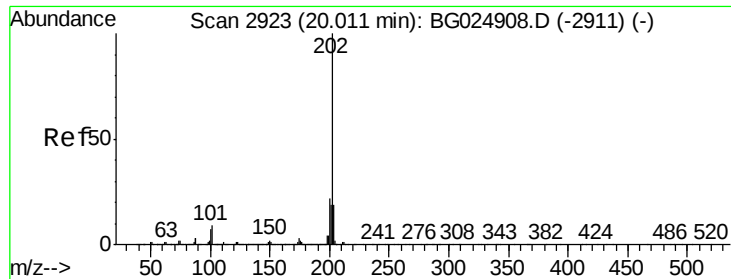
#68
Pentachlorophenol
Concen: 32.45 ng/ul
RT: 17.26 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG024911.D
Acq: 23 Nov 2016 17:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	65.1	47.1	70.7
268	62.2	56.2	84.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





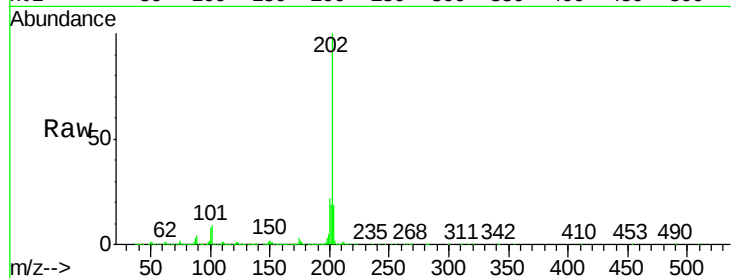
#77
 Pyrene
 Concen: 31.73 ng/ul
 RT: 20.01 min Scan# 2923
 Delta R.T. 0.00 min
 Lab File: BG024911.D
 Acq: 23 Nov 2016 17:50

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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1493654		
101	9.2		6.9	10.3
100	7.9		6.6	10.0

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Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

