

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111616\
 Data File : BG024803.D
 Acq On : 16 Nov 2016 14:27
 Operator : UM/SJ
 Sample : H5622-11MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4WK9MSD

Manual Integrations
 APPROVED

sohil
 11/17/2016 5:58:09 PM

Quant Time: Nov 17 02:38:05 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 17 01:26:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	96919	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	382676	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	355034	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	853084m	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1138262	20.00	ng/ul	0.00
83) Perylene-d12	25.35	264	1180915	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	3297	1.76	ng/uL	0.00
5) Phenol-d5	7.39	99	55096	6.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	155309	29.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	143720	24.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	107630	15.44	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	95261	32.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	108882	31.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	193952	28.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	15495	2.01	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	887170	34.27	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	915748	32.46	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	32334	7.02	ng/ul	0.00
57) Fluorene-d10	15.87	176	797605	32.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	183684	31.32	ng/ul	0.00
70) Anthracene-d10	17.72	188	1307271	34.69	ng/ul	0.00
76) Pyrene-d10	19.99	212	1735609	35.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.11	264	1823420	35.27	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.43	94	57263	6.60	ng/ul#	82
10) 2-Chlorophenol	7.82	128	133828	23.24	ng/ul	92
15) N-Nitroso-di-n-propylamine	9.06	70	187384	31.41	ng/ul	88
33) 4-Chloro-3-methylphenol	12.34	107	232409	29.09	ng/ul	94
49) Acenaphthene	14.94	153	608371	31.47	ng/ul	97
52) 4-Nitrophenol	15.07	109	39408	7.15	ng/ul	95
54) 2,4-Dinitrotoluene	15.23	165	271468	34.39	ng/ul#	84
68) Pentachlorophenol	17.26	266	240406	35.47	ng/ul	96
77) Pyrene	20.02	202	1926598	34.44	ng/ul	98

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

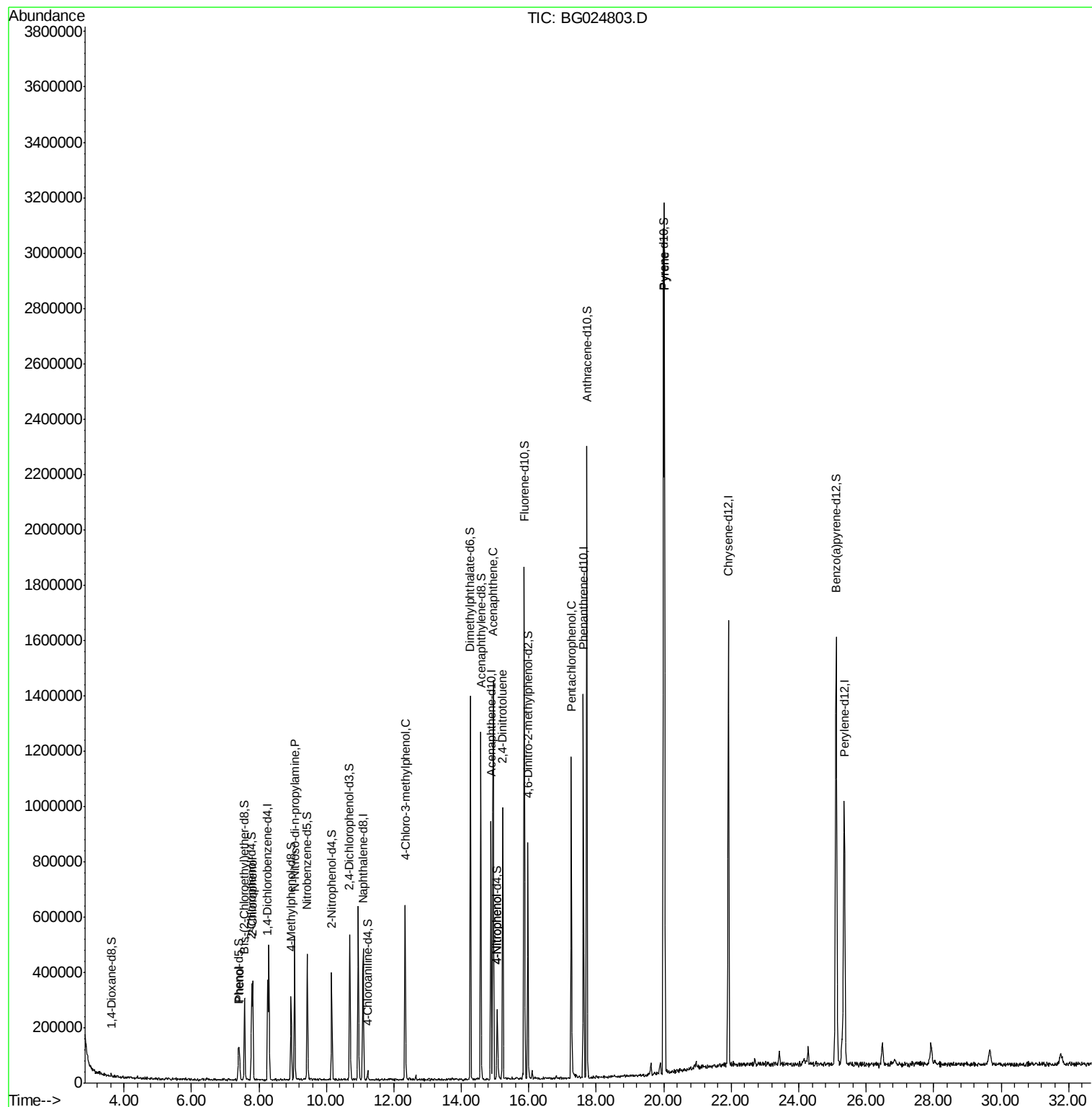
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111616\
Data File : BG024803.D
Acq On : 16 Nov 2016 14:27
Operator : UM/SJ
Sample : H5622-11MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

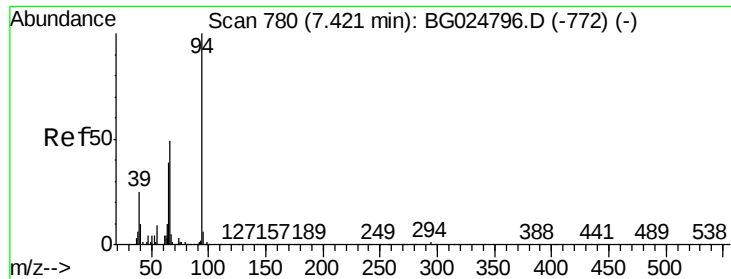
Instrument :
BNA_G
ClientSampleId :
A4WK9MSD

Manual Integrations
APPROVED

sohil
11/17/2016 5:58:09 PM

Quant Time: Nov 17 02:38:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 17 01:26:41 2016
Response via : Initial Calibration





#6

Phenol

Concen: 6.60 ng/ul

RT: 7.43 min Scan# 781

Delta R.T. 0.01 min

Lab File: BG024803.D

Acq: 16 Nov 2016 14:27

Instrument :

BNA_G

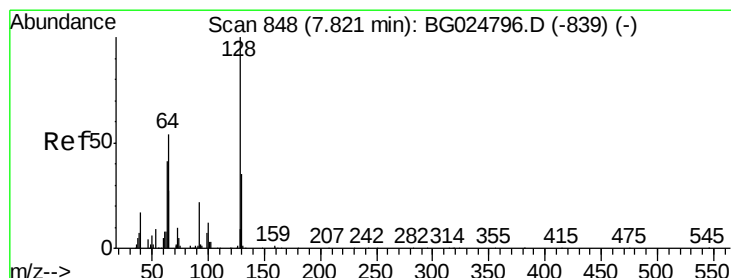
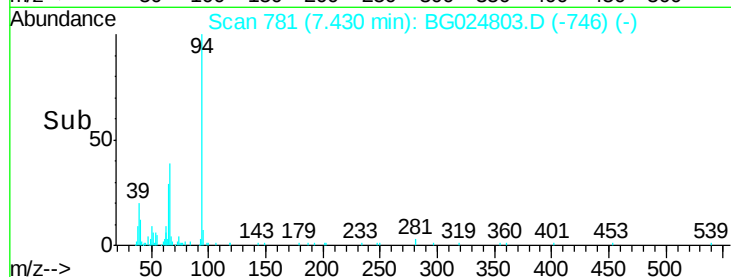
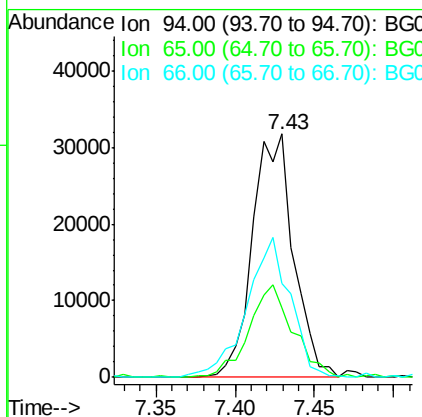
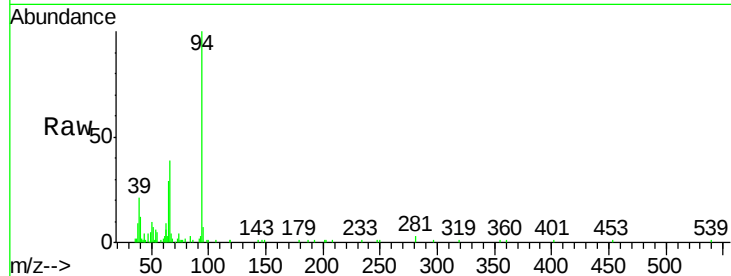
ClientSampleId :

A4WK9MSD

Tgt Ion:	94	Resp:	57263
Ion Ratio	Lower	Upper	
94	100		
65	28.6	26.8	40.2
66	38.6	44.4	66.6#

Manual Integrations
APPROVED

sohil
11/17/2016 5:58:09 PM



#10

2-Chlorophenol

Concen: 23.24 ng/ul

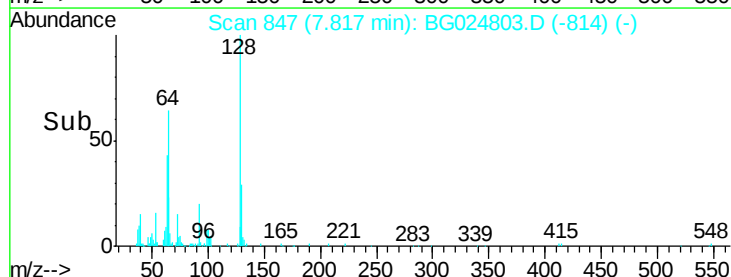
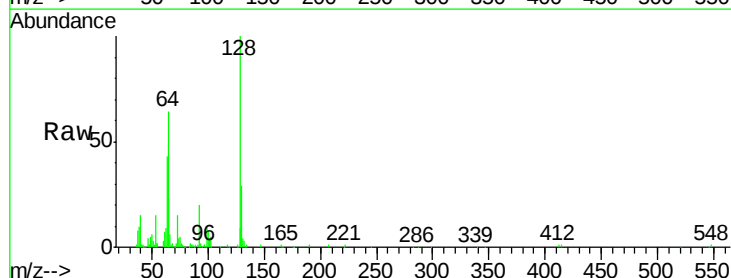
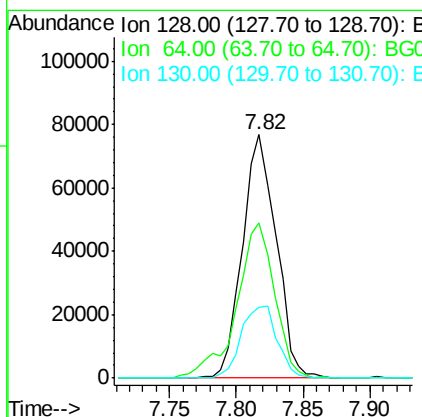
RT: 7.82 min Scan# 847

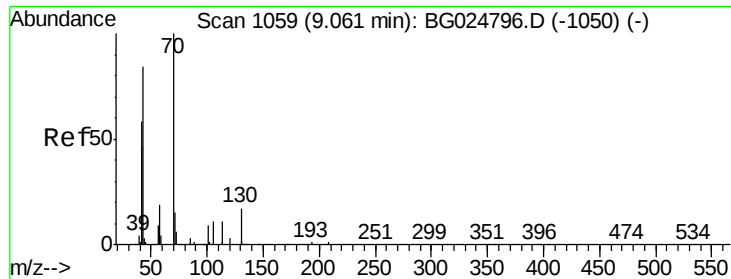
Delta R.T. -0.00 min

Lab File: BG024803.D

Acq: 16 Nov 2016 14:27

Tgt Ion:	128	Resp:	133828
Ion Ratio	Lower	Upper	
128	100		
64	64.0	56.3	84.5
130	29.1	26.7	40.1





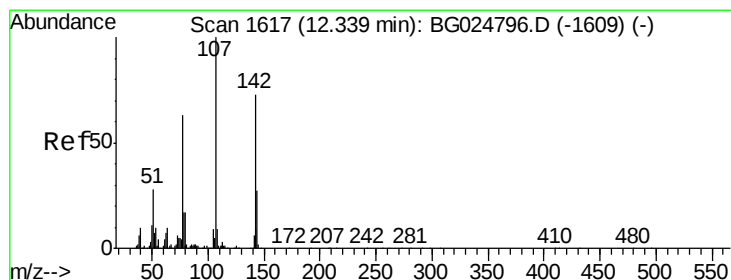
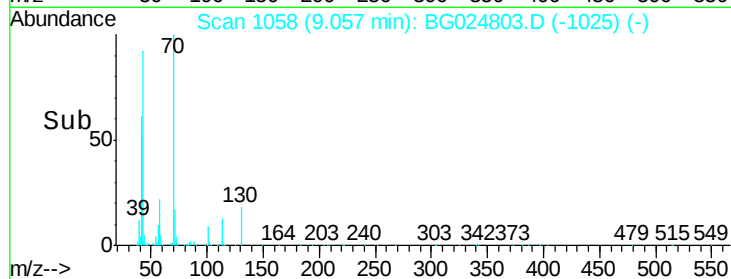
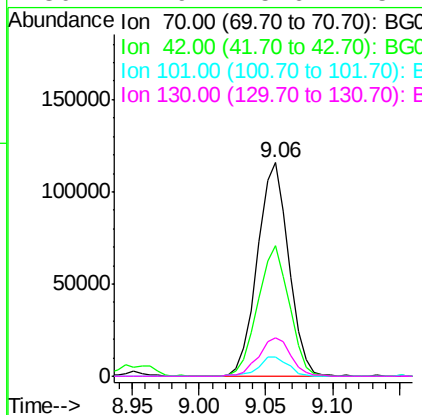
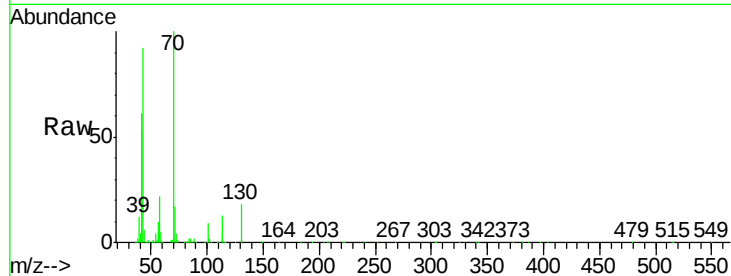
#15
N-Nitroso-di-n-propylamine
Concen: 31.41 ng/ul
RT: 9.06 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BG024803.D
Acq: 16 Nov 2016 14:27

Instrument :
BNA_G
ClientSampleId :
A4WK9MSD

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.1	59.0	88.6	
101	8.8	6.6	9.8	
130	17.9	15.6	23.4	

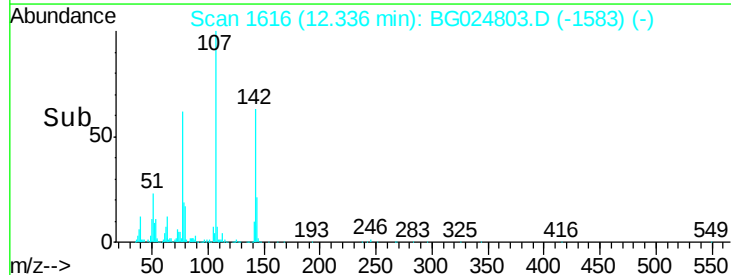
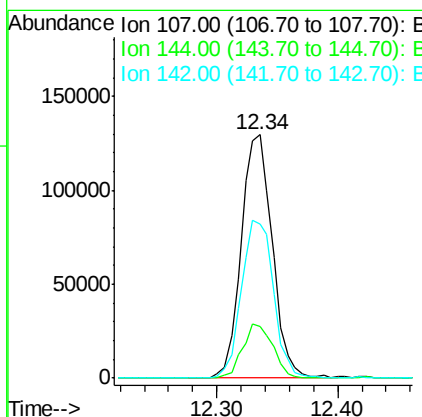
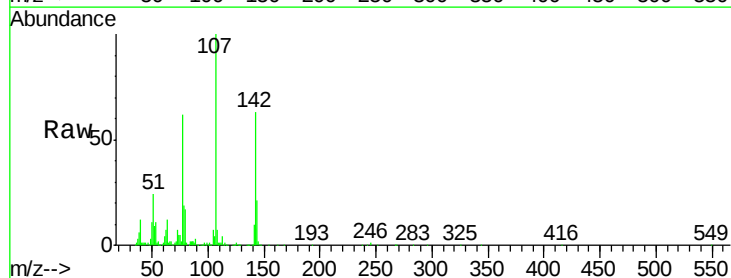
Manual Integrations
APPROVED

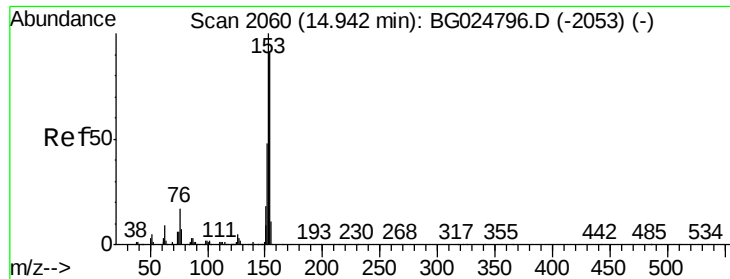
sohil
11/17/2016 5:58:09 PM



#33
4-Chloro-3-methylphenol
Concen: 29.09 ng/ul
RT: 12.34 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BG024803.D
Acq: 16 Nov 2016 14:27

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	21.2	18.2	27.4	
142	63.4	55.0	82.4	





#49

Acenaphthene

Concen: 31.47 ng/ul

RT: 14.94 min Scan# 2060

Delta R.T. 0.00 min

Lab File: BG024803.D

Acq: 16 Nov 2016 14:27

Instrument :

BNA_G

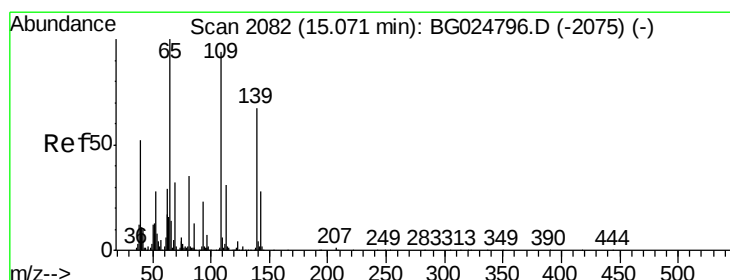
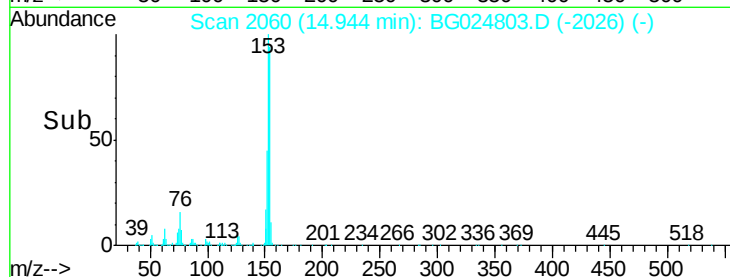
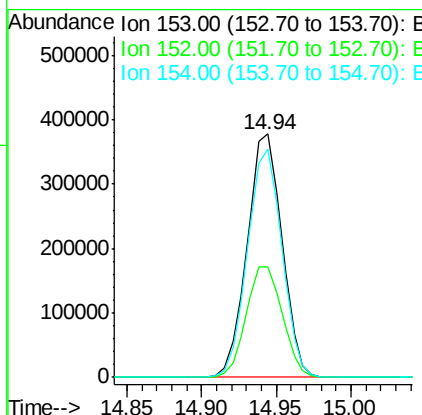
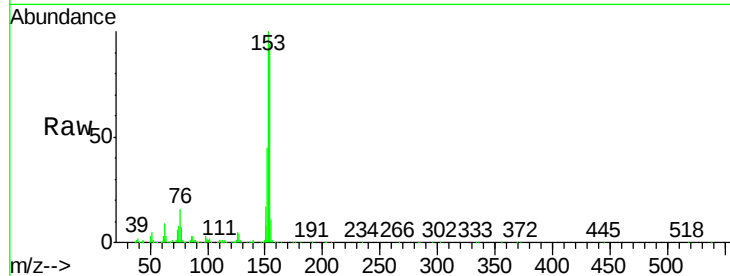
ClientSampleId :

A4WK9MSD

Tgt Ion:	153	Resp:	608371
Ion Ratio	Lower	Upper	
153	100		
152	45.3	36.5	54.7
154	93.9	72.3	108.5

Manual Integrations
APPROVED

sohil
11/17/2016 5:58:09 PM



#52

4-Nitrophenol

Concen: 7.15 ng/ul

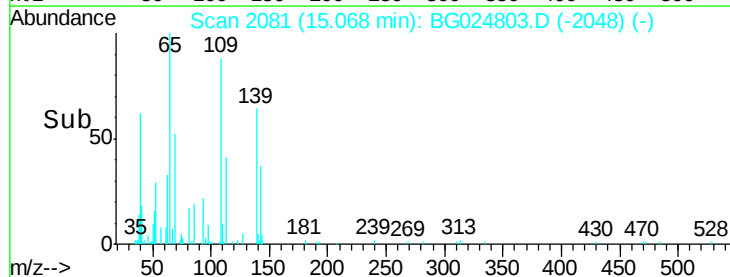
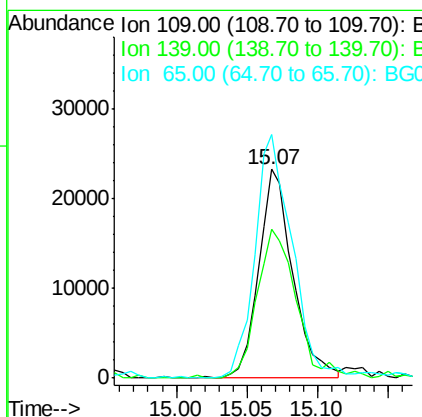
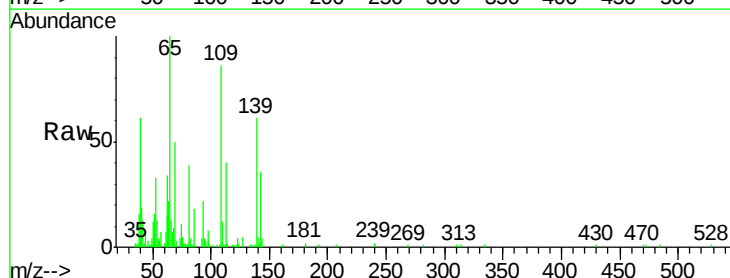
RT: 15.07 min Scan# 2081

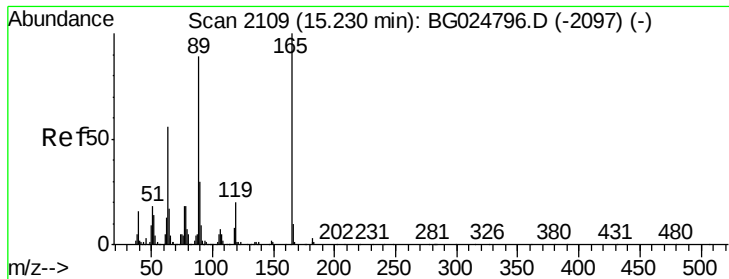
Delta R.T. -0.00 min

Lab File: BG024803.D

Acq: 16 Nov 2016 14:27

Tgt Ion:	109	Resp:	39408
Ion Ratio	Lower	Upper	
109	100		
139	71.6	62.6	93.8
65	116.7	90.4	135.6





#54

2,4-Dinitrotoluene

Concen: 34.39 ng/ul

RT: 15.23 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BG024803.D

Acq: 16 Nov 2016 14:27

Instrument :

BNA_G

ClientSampleId :

A4WK9MSD

Tgt Ion:165 Resp: 271468
Ion Ratio Lower Upper

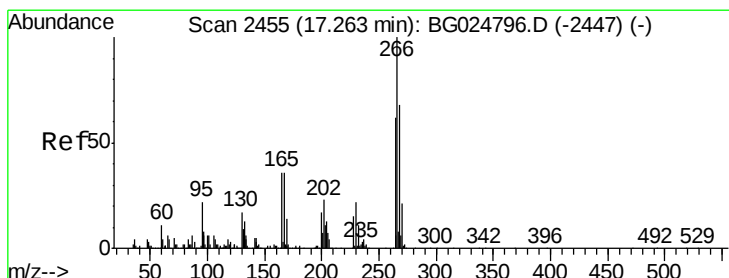
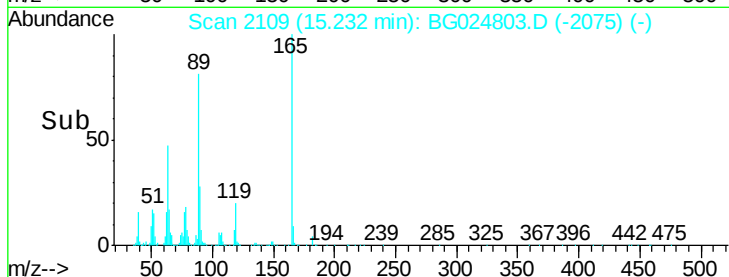
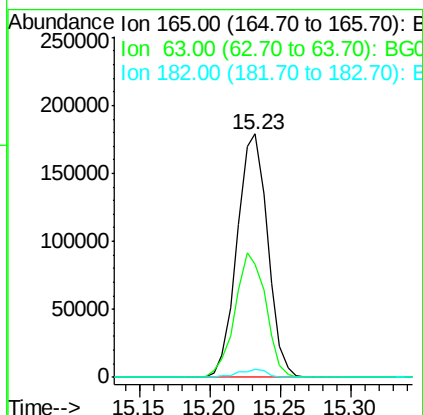
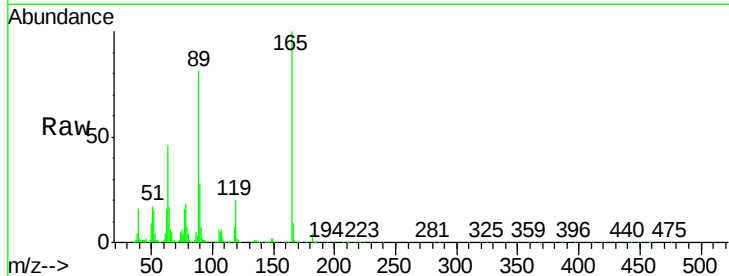
165 100

63 46.5 46.8 70.2#

182 3.6 1.8 2.6#

Manual Integrations
APPROVED

sohil
11/17/2016 5:58:09 PM



#68

Pentachlorophenol

Concen: 35.47 ng/ul

RT: 17.26 min Scan# 2454

Delta R.T. -0.00 min

Lab File: BG024803.D

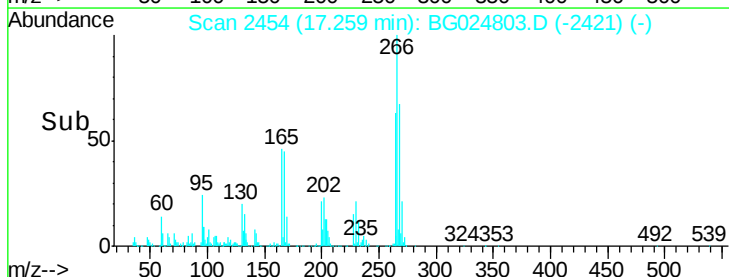
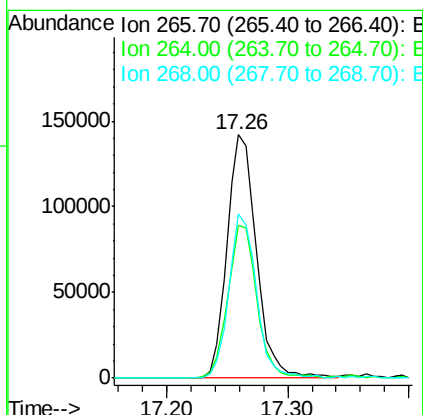
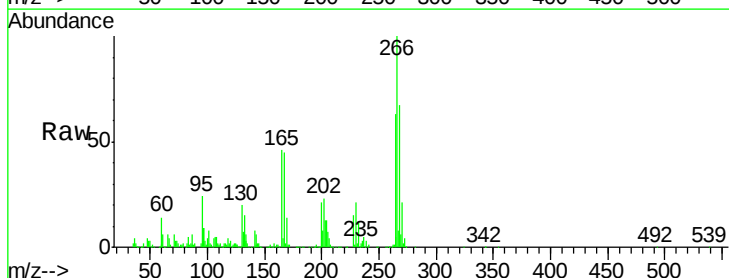
Acq: 16 Nov 2016 14:27

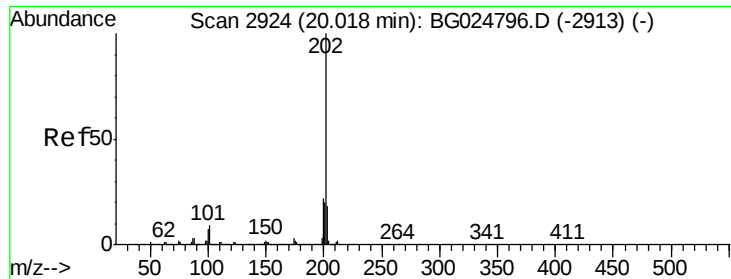
Tgt Ion:266 Resp: 240406
Ion Ratio Lower Upper

266 100

264 63.0 47.1 70.7

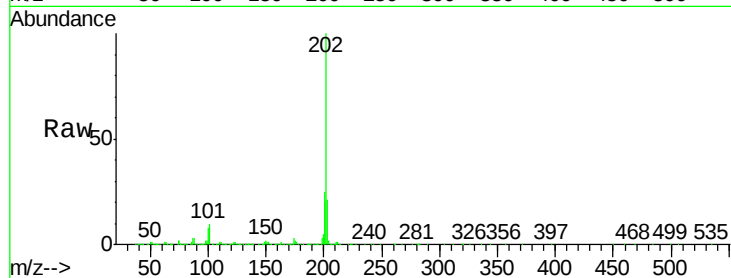
268 67.5 56.2 84.4





#77
 Pyrene
 Concen: 34.44 ng/ul
 RT: 20.02 min Scan# 2924
 Delta R.T. 0.00 min
 Lab File: BG024803.D
 Acq: 16 Nov 2016 14:27

Instrument :
 BNA_G
 ClientSampleId :
 A4WK9MSD



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1926598		
101	9.5		6.9	10.3
100	7.9		6.6	10.0

Manual Integrations
 APPROVED

sohil
 11/17/2016 5:58:09 PM

