

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
 Data File : BG019298.D
 Acq On : 22 Oct 2015 2:25
 Operator : UM/NP
 Sample : G4057-20MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LQ0MSD

Manual Integrations
 APPROVED

MMdadoda
 10/22/2015 4:55:59 PM

Quant Time: Oct 22 09:41:28 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 21 01:23:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	14667	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	67073	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	54671	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.36	188	121953	20.00	ng/ul	-0.01
78) Chrysene-d12	21.62	240	145499	20.00	ng/ul	-0.02
86) Perylene-d12	24.82	264	146379	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	616	2.34	ng/uL	-0.02
5) Phenol-d5	7.16	99	7416	5.79	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.31	67	21291	25.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.52	132	23302	24.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	15033	13.86	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	15727	30.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	19116	34.85	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.42	165	33776	31.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	2365m	1.69	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	129524	27.09	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	143866	27.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	5188	6.04	ng/ul	0.00
58) Fluorene-d10	15.61	176	121498	29.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	25366	33.72	ng/ul	0.00
71) Anthracene-d10	17.46	188	180777	31.37	ng/ul	0.00
79) Pyrene-d10	19.75	212	209305	31.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	233849	31.62	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.19	94	8152	6.12	ng/ul# 85
10) 2-Chlorophenol	7.56	128	22801	23.80	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.78	70	27317	29.20	ng/ul 94
24) 2,4-Dimethylphenol	9.97	107	122318	86.64	ng/ul 88
28) Naphthalene	10.84	128	7213	2.06	ng/ul# 95
33) 4-Chloro-3-methylphenol	12.09	107	37421	27.08	ng/ul 88
35) 1-Methylnaphthalene	12.67	142	3984	1.46	ng/ul# 81
50) Acenaphthene	14.68	153	100585	26.35	ng/ul 96
53) 4-Nitrophenol	14.87	109	5378	5.72	ng/ul# 62
55) 2,4-Dinitrotoluene	14.99	165	39310	26.38	ng/ul 93
69) Pentachlorophenol	17.03	266	30224	36.81	ng/ul 93
80) Pyrene	19.78	202	253297	29.33	ng/ul# 88

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

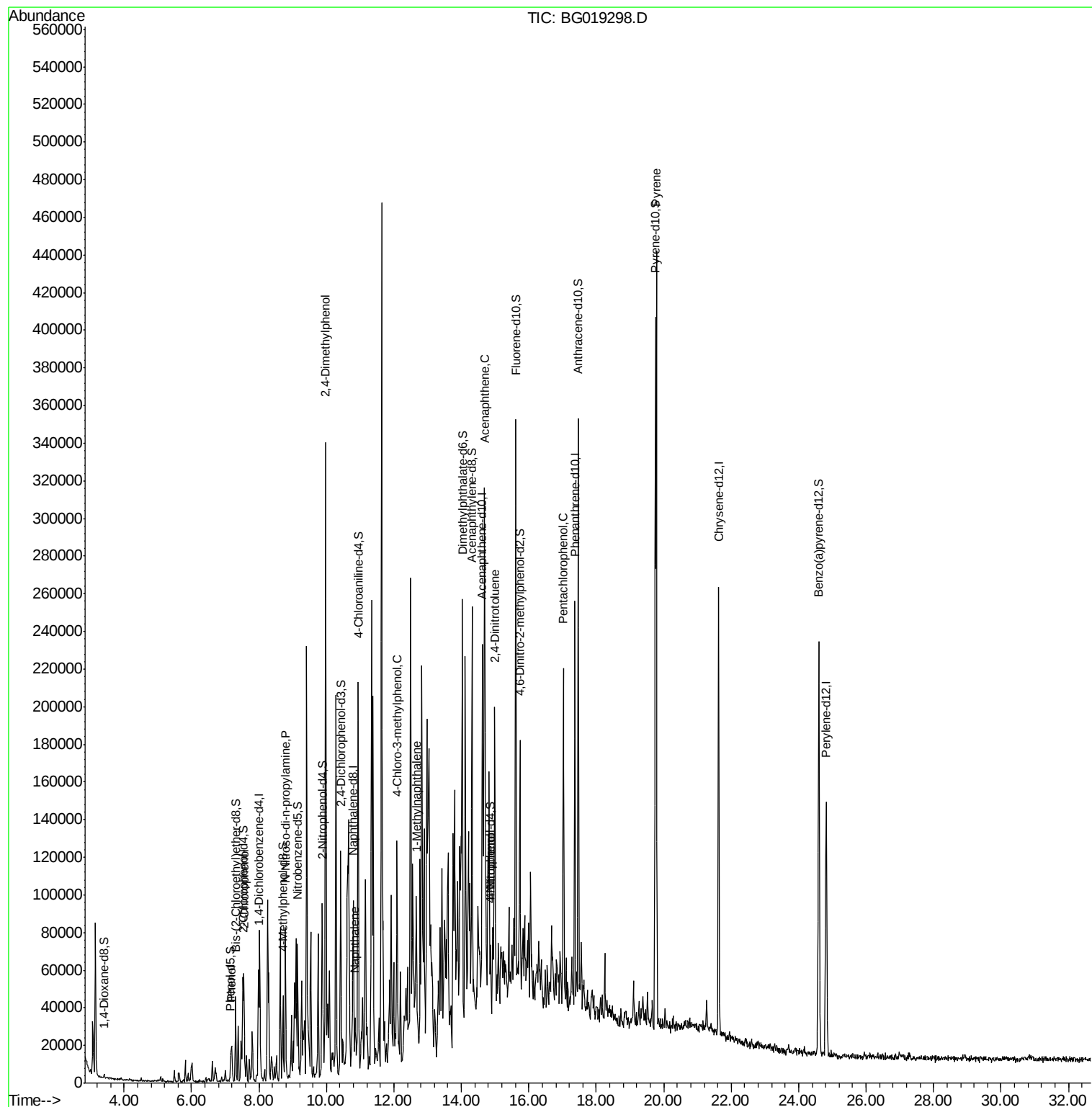
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019298.D
Acq On : 22 Oct 2015 2:25
Operator : UM/NP
Sample : G4057-20MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

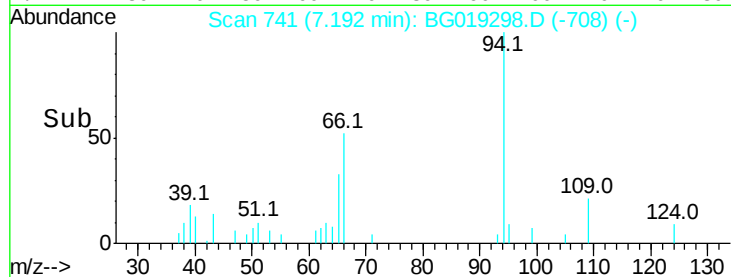
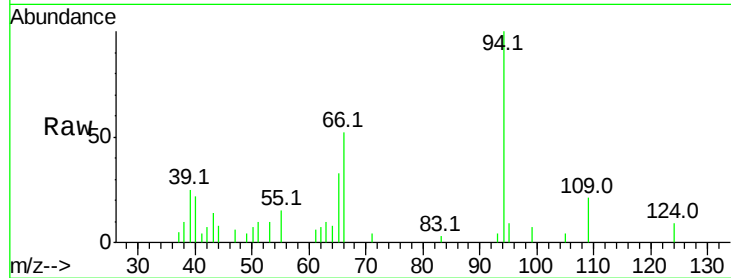
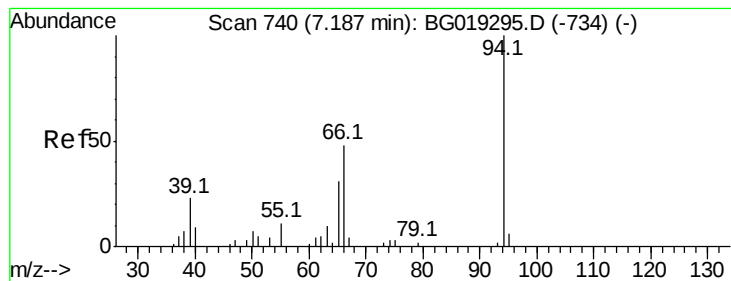
Instrument :
BNA_G
ClientSampleId :
E5LQ0MSD

Manual Integrations
APPROVED

MMdadoda
10/22/2015 4:55:59 PM

Quant Time: Oct 22 09:41:28 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 21 01:23:32 2015
Response via : Initial Calibration





#6

Phenol

Concen: 6.12 ng/ul

RT: 7.19 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG019298.D

Acq: 22 Oct 2015 2:25

Tot Ion:	94	Resp:	8152
Ion Ratio	Lower	Upper	
94	100		
65	32.8	24.9	37.3
66	51.7	29.1	43.7#

Instrument :

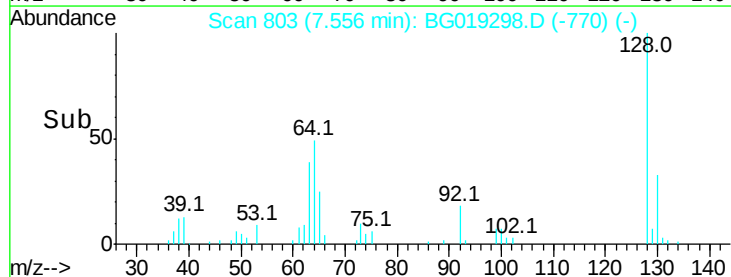
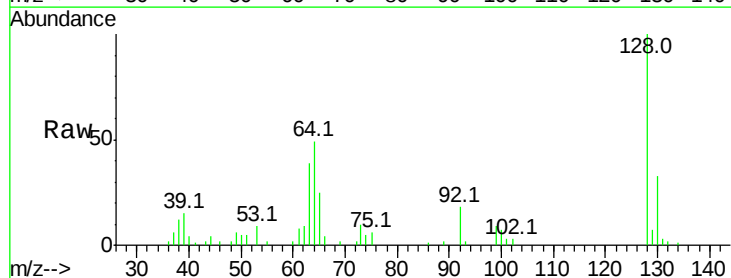
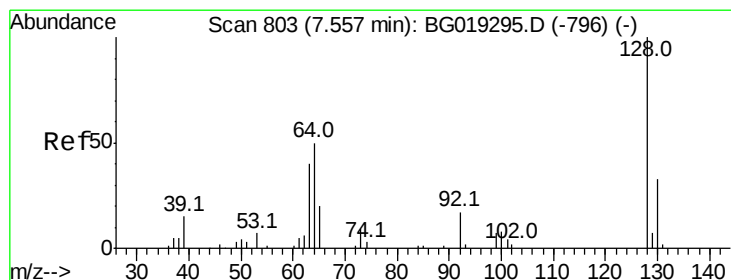
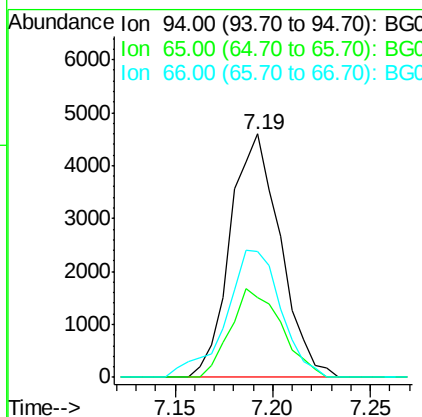
BNA_G

ClientSampleId :

E5LQ0MSD

Manual Integrations
APPROVED

MMdadoda
10/22/2015 4:55:59 PM



#10

2-Chlorophenol

Concen: 23.80 ng/ul

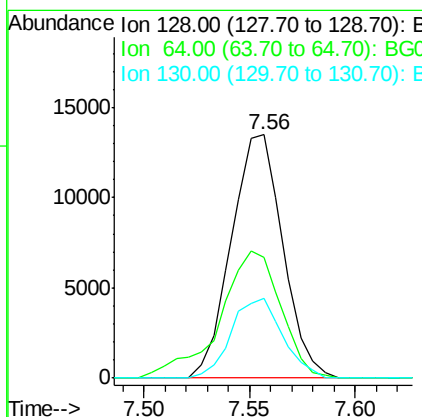
RT: 7.56 min Scan# 803

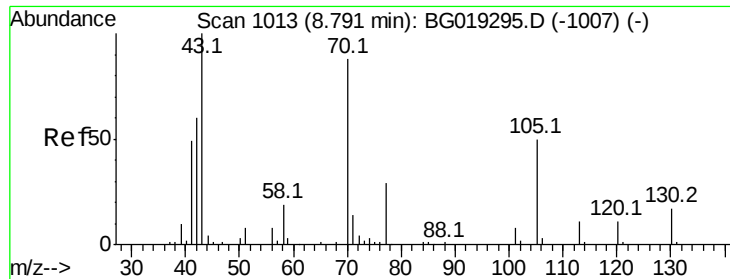
Delta R.T. -0.00 min

Lab File: BG019298.D

Acq: 22 Oct 2015 2:25

Tgt Ion:	128	Resp:	22801
Ion Ratio	Lower	Upper	
128	100		
64	49.3	43.3	64.9
130	33.0	26.5	39.7





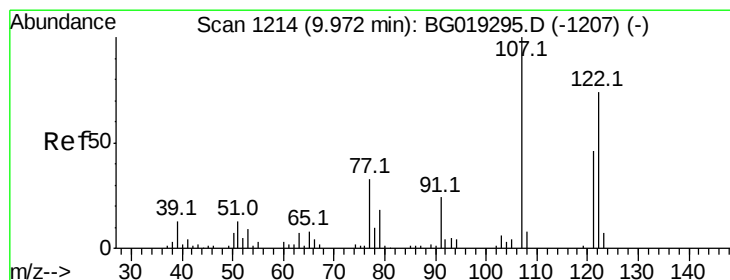
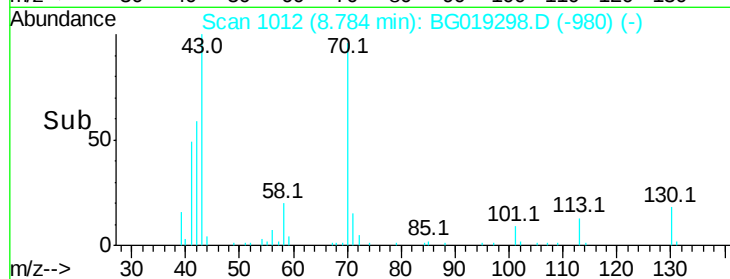
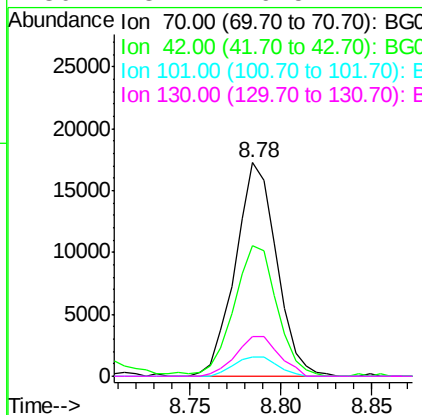
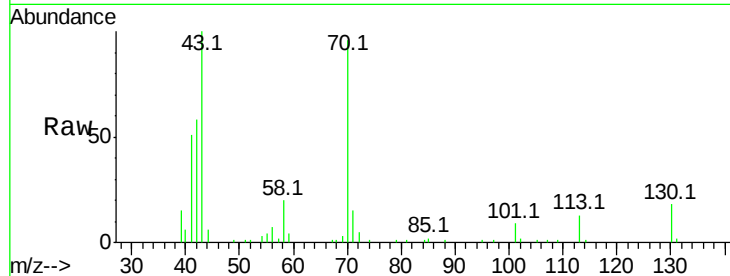
#15
N-Nitroso-di-n-propylamine
Concen: 29.20 ng/ul
RT: 8.78 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG019298.D
Acq: 22 Oct 2015 2:25

Instrument :
BNA_G
ClientSampleId :
E5LQ0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		27317		
42	60.9	53.6		80.4	
101	9.3	7.9		11.9	
130	18.4	16.5		24.7	

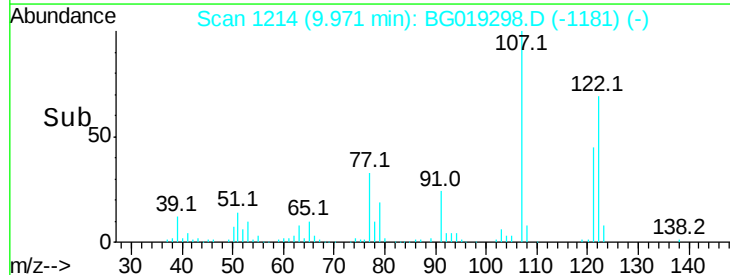
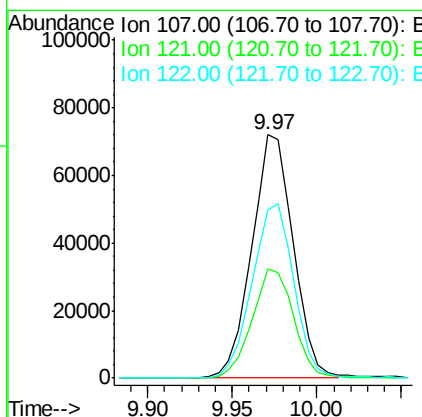
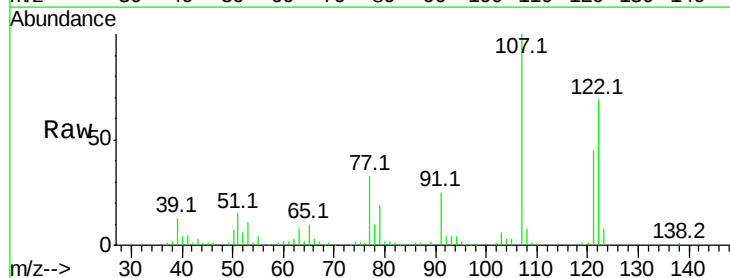
Manual Integrations
APPROVED

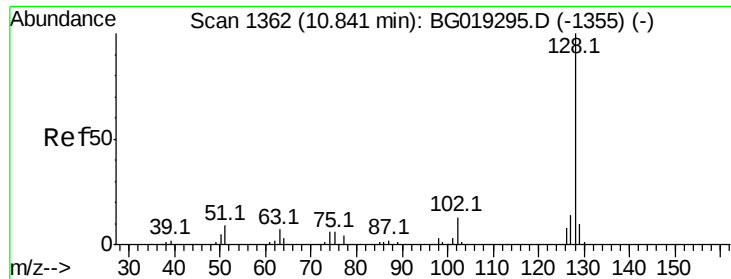
MMdadoda
10/22/2015 4:55:59 PM



#24
2,4-Dimethylphenol
Concen: 86.64 ng/ul
RT: 9.97 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BG019298.D
Acq: 22 Oct 2015 2:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		122318		
121	44.9	37.2		55.8	
122	69.0	67.6		101.4	





#28

Naphthalene

Concen: 2.06 ng/ul

RT: 10.84 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BG019298.D

Acq: 22 Oct 2015 2:25

Instrument :

BNA_G

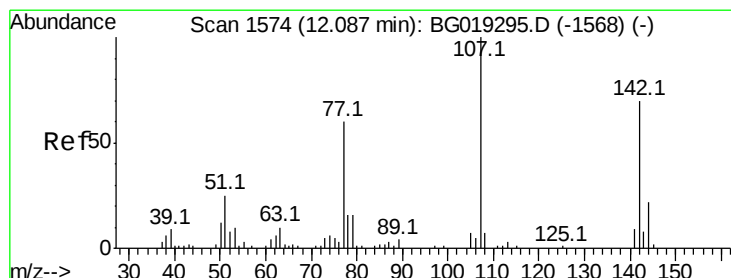
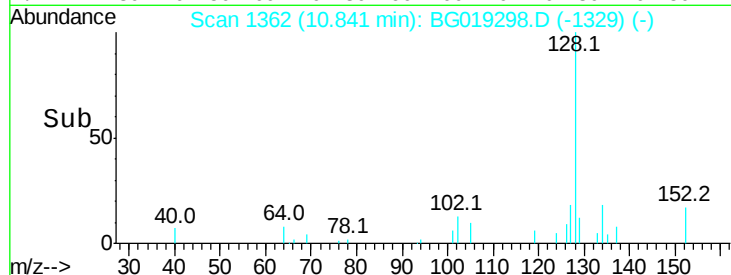
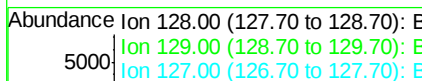
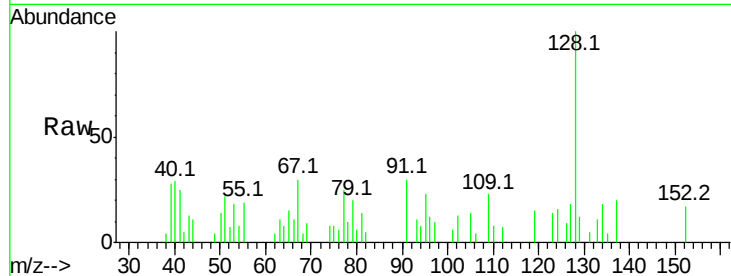
ClientSampleId :

E5LQ0MSD

Tot Ion:	128	Resp:	7213
Ion Ratio	Lower	Upper	
128	100		
129	12.2	9.6	14.4
127	17.5	11.3	16.9#

Manual Integrations
APPROVED

MMdadoda
10/22/2015 4:55:59 PM



#33

4-Chloro-3-methylphenol

Concen: 27.08 ng/ul

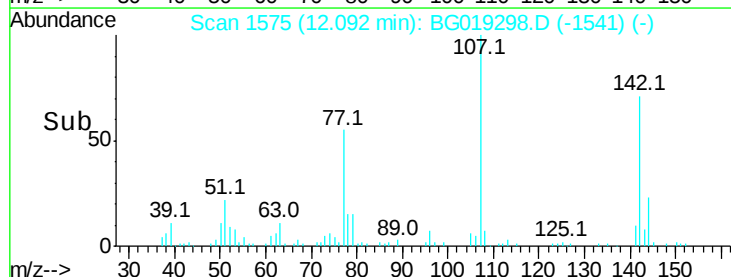
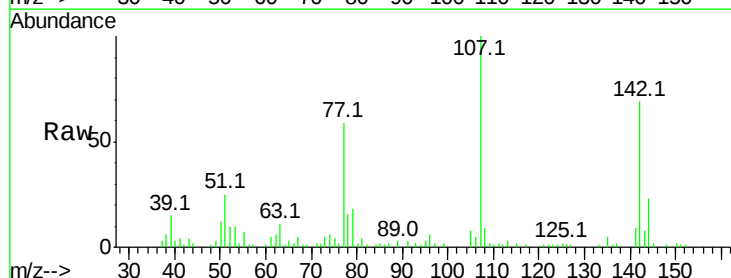
RT: 12.09 min Scan# 1575

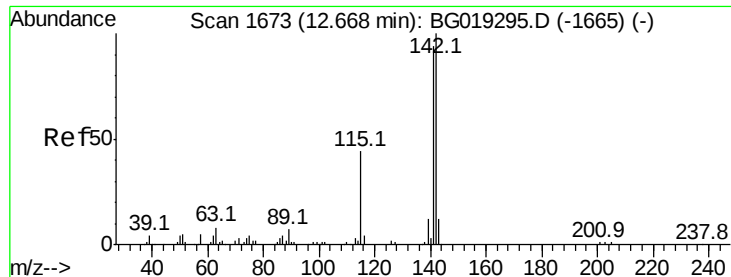
Delta R.T. 0.00 min

Lab File: BG019298.D

Acq: 22 Oct 2015 2:25

Tgt Ion:	107	Resp:	37421
Ion Ratio	Lower	Upper	
107	100		
144	23.3	20.9	31.3
142	69.0	65.6	98.4





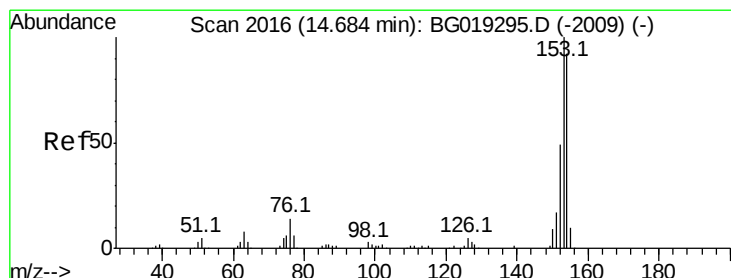
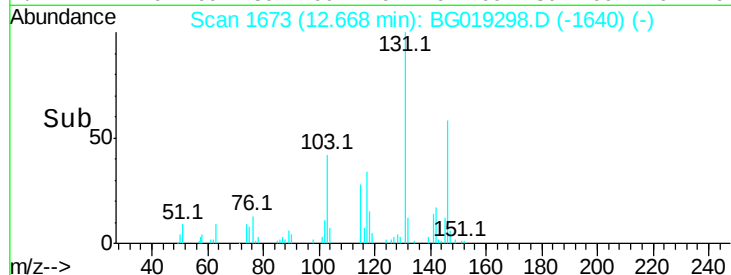
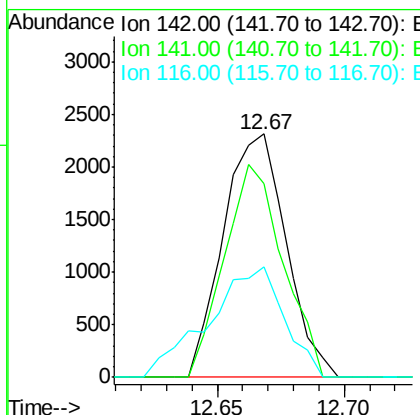
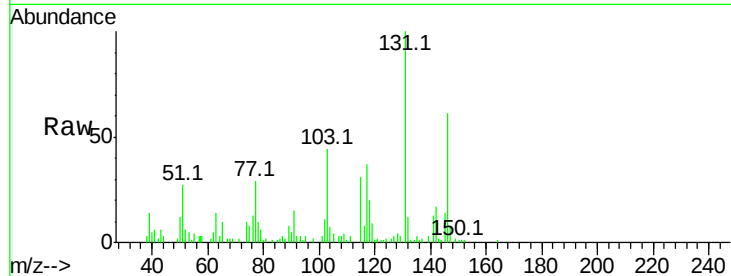
#35
1-Methylnaphthalene
Concen: 1.46 ng/ul
RT: 12.67 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BG019298.D
Acq: 22 Oct 2015 2:25

Instrument :
BNA_G
ClientSampleId :
E5LQ0MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	79.6	74.8	112.2
116	45.5	3.2	4.8#

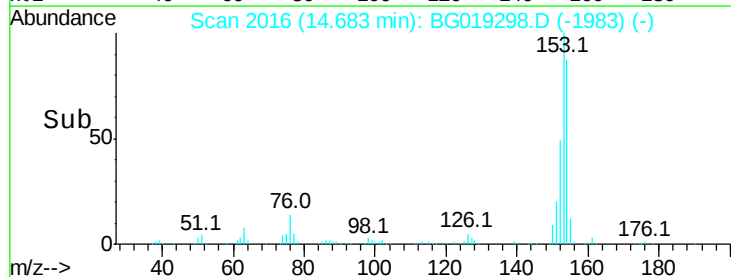
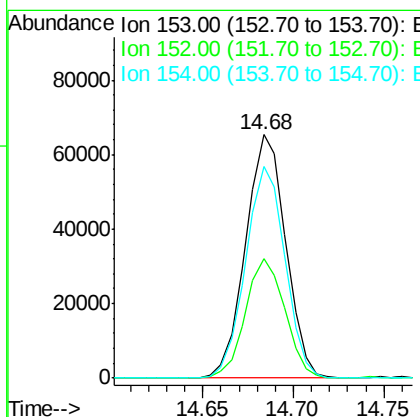
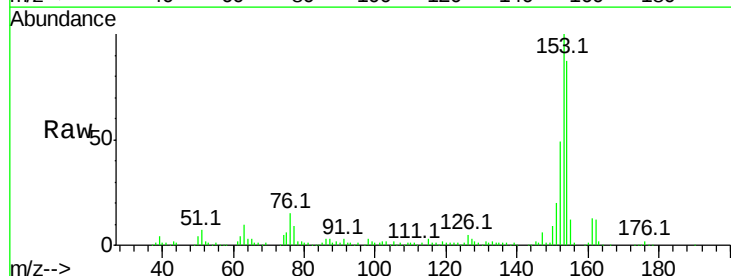
Manual Integrations
APPROVED

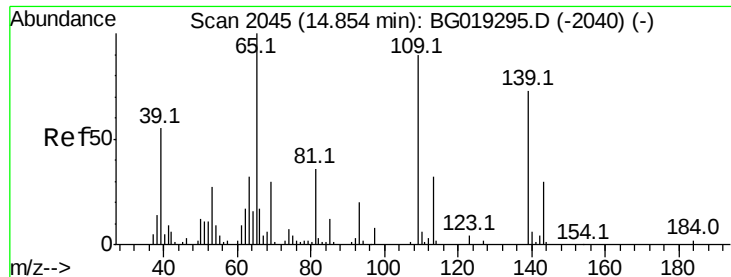
MMdadoda
10/22/2015 4:55:59 PM



#50
Acenaphthene
Concen: 26.35 ng/ul
RT: 14.68 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BG019298.D
Acq: 22 Oct 2015 2:25

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.1	36.2	54.2
154	86.9	67.5	101.3





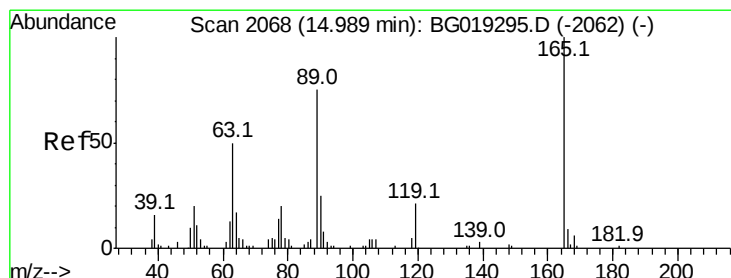
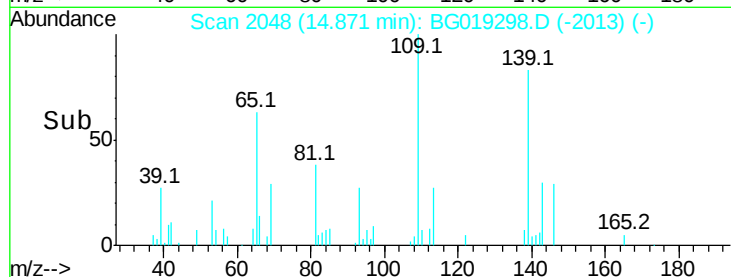
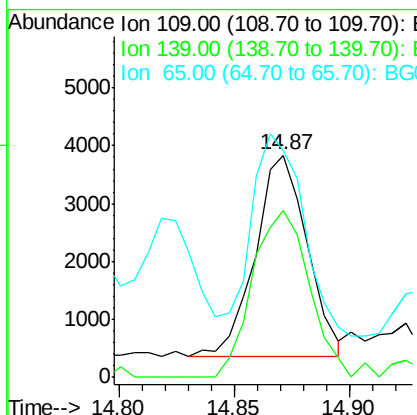
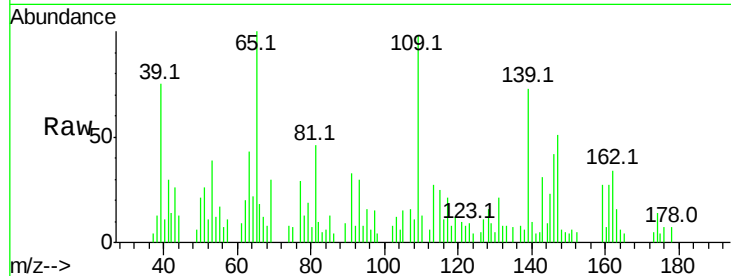
#53
4-Nitrophenol
Concen: 5.72 ng/ul
RT: 14.87 min Scan# 2048
Delta R.T. 0.01 min
Lab File: BG019298.D
Acq: 22 Oct 2015 2:25

Instrument :
BNA_G
ClientSampleId :
E5LQ0MSD

Tot Ion:109 Resp: 5378
Ion Ratio Lower Upper
109 100
139 75.0 97.9 146.9#
65 102.3 117.4 176.0#

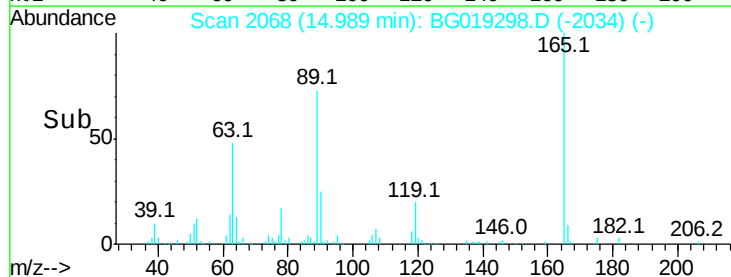
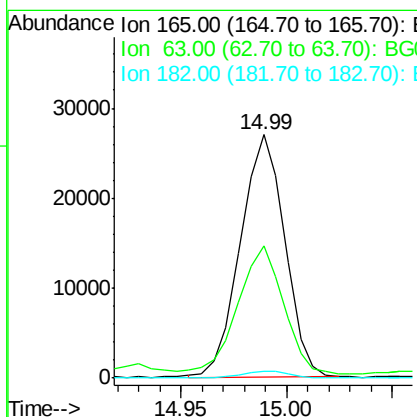
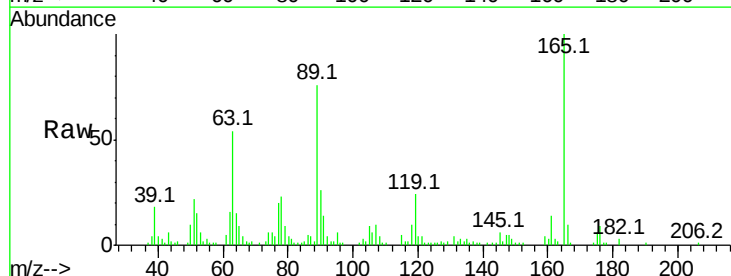
Manual Integrations
APPROVED

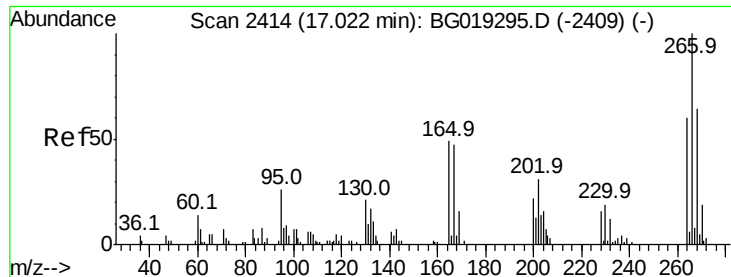
MMdadoda
10/22/2015 4:55:59 PM



#55
2,4-Dinitrotoluene
Concen: 26.38 ng/ul
RT: 14.99 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BG019298.D
Acq: 22 Oct 2015 2:25

Tgt Ion:165 Resp: 39310
Ion Ratio Lower Upper
165 100
63 54.5 39.5 59.3
182 2.9 2.2 3.2





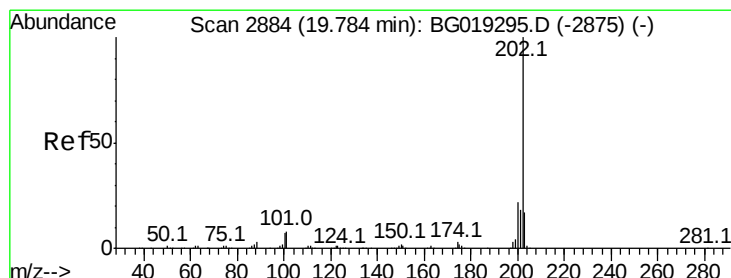
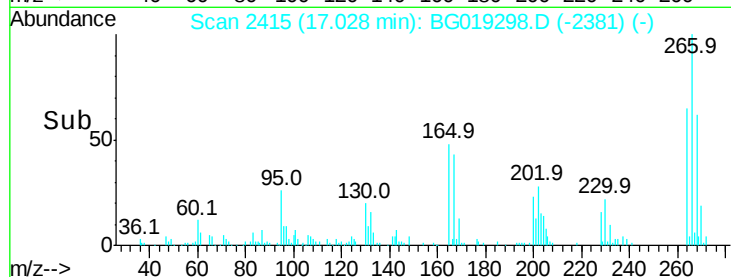
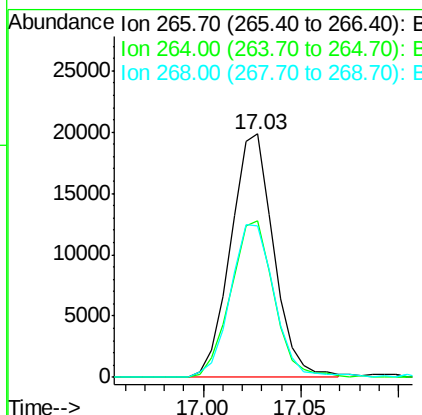
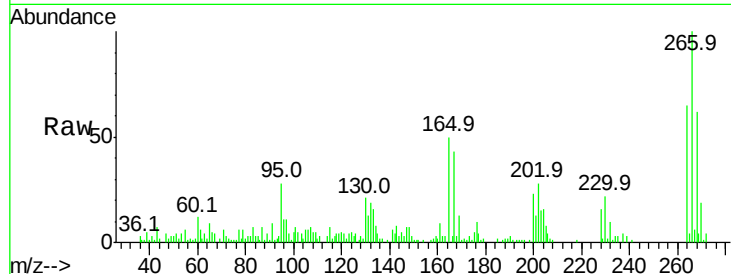
#69
 Pentachlorophenol
 Concen: 36.81 ng/ul
 RT: 17.03 min Scan# 2415
 Delta R.T. 0.00 min
 Lab File: BG019298.D
 Acq: 22 Oct 2015 2:25

Instrument :
 BNA_G
 ClientSampleId :
 E5LQ0MSD

Tot Ion	Ratio	Resp Lower	Upper
266	100		
264	64.6	49.0	73.6
268	62.0	55.6	83.4

Manual Integrations
 APPROVED

MMdadoda
 10/22/2015 4:55:59 PM



#80
 Pyrene
 Concen: 29.33 ng/ul
 RT: 19.78 min Scan# 2884
 Delta R.T. 0.00 min
 Lab File: BG019298.D
 Acq: 22 Oct 2015 2:25

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	7.8	10.2	15.2#
100	6.6	8.5	12.7#

