

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
 Data File : BG023544.D
 Acq On : 8 Aug 2016 21:33
 Operator : UM/SJ
 Sample : H4338-13MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4V21MS

Manual Integrations
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Quant Time: Aug 09 05:35:22 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 09 02:15:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	145703	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	676356	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	493241	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1191438	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1168803	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1141079	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	2651	0.77	ng/uL	0.00
5) Phenol-d5	7.27	99	112965	7.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	296503	31.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	261046	26.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	196413	17.14	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	177464	33.29	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	202566	33.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	333390	28.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	46289	3.42	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	1302919	32.26	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1479587	32.55	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	58348m	8.46	ng/ul	0.01
57) Fluorene-d10	15.77	176	1184780	31.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	260611	34.09	ng/ul	0.00
70) Anthracene-d10	17.64	188	1818769	33.88	ng/ul	0.00
76) Pyrene-d10	19.93	212	1925026	32.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1791090	34.68	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.30	94	123403	8.07	ng/ul#	75
10) 2-Chlorophenol	7.67	128	256090m	25.11	ng/ul	
14) Acetophenone	8.95	105	41978	2.28	ng/ul#	84
15) N-Nitroso-di-n-propylamine	8.92	70	357197	32.31	ng/ul#	86
33) 4-Chloro-3-methylphenol	12.23	107	412725m	27.53	ng/ul	
49) Acenaphthene	14.85	153	1014699	31.33	ng/ul	95
52) 4-Nitrophenol	15.01	109	52822m	7.65	ng/ul	
54) 2,4-Dinitrotoluene	15.15	165	427077	32.51	ng/ul#	74
68) Pentachlorophenol	17.19	266	288278	35.90	ng/ul	93
77) Pyrene	19.96	202	2252129	31.17	ng/ul	96

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

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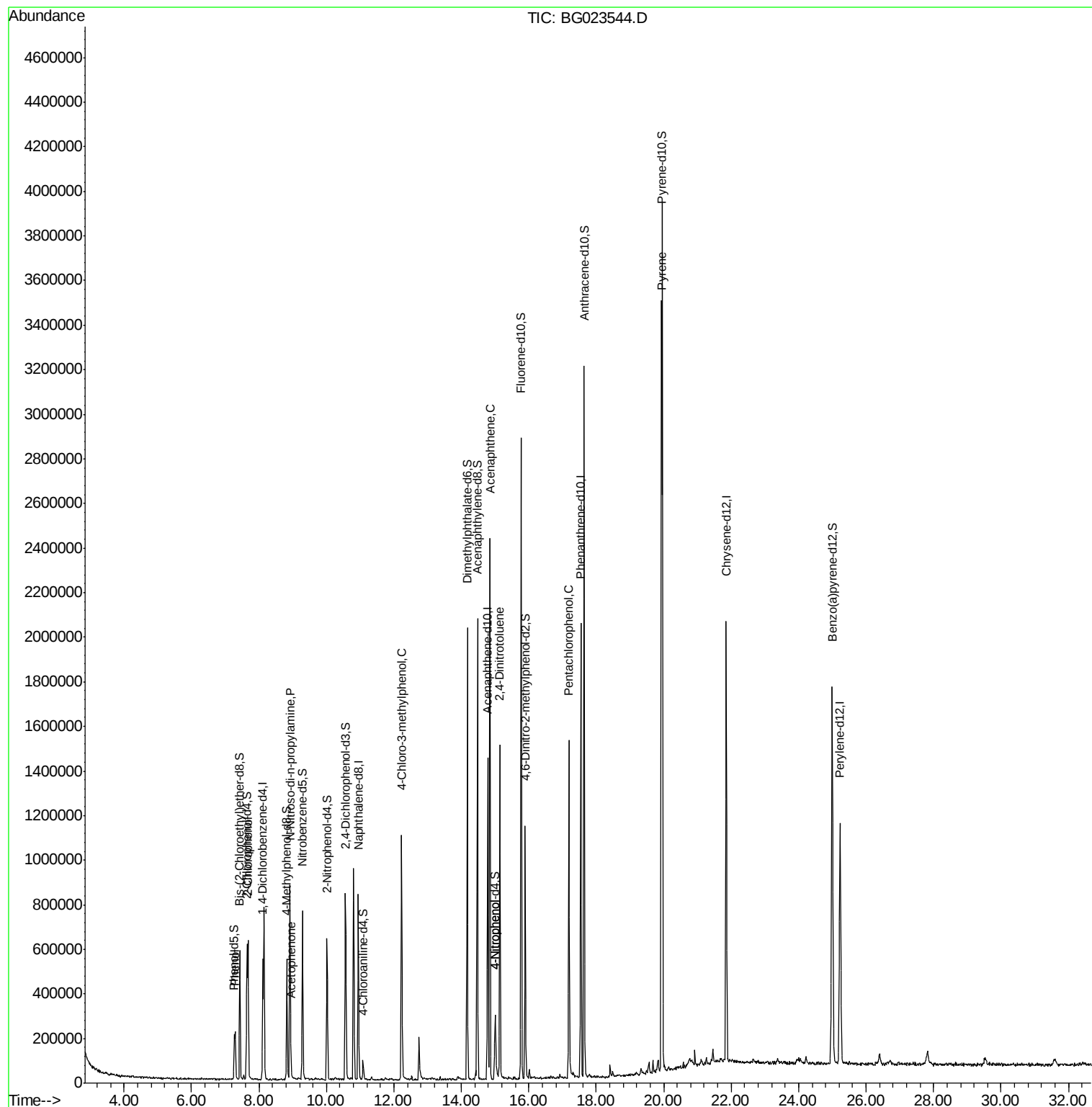
Instrument :
BNA_G
ClientSampleId :
A4V21MS

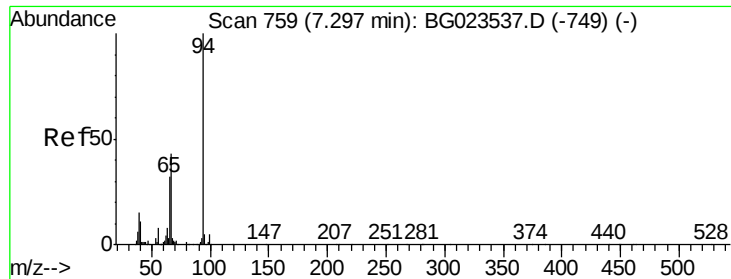
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 09 02:15:40 2016
Response via : Initial Calibration





#6

Phenol

Concen: 8.07 ng/ul

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG023544.D

Acq: 8 Aug 2016 21:33

Instrument :

BNA_G

ClientSampleId :

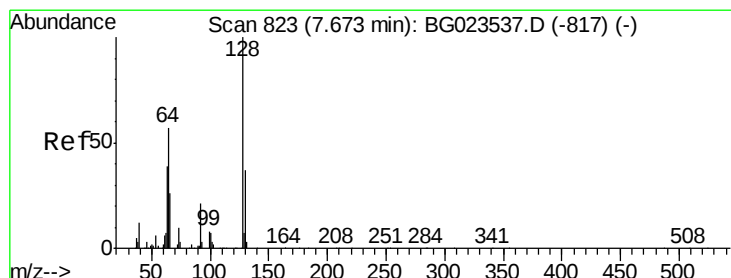
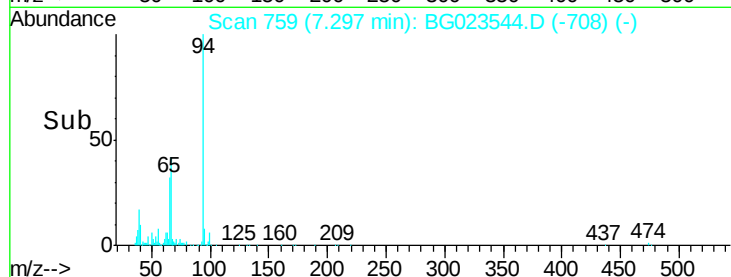
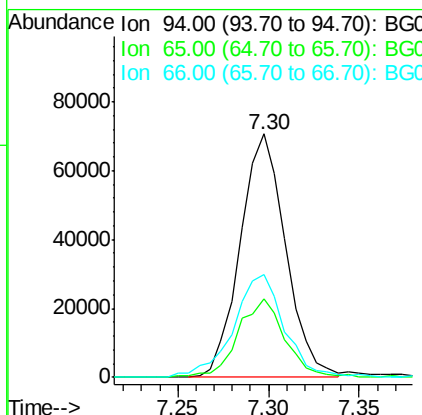
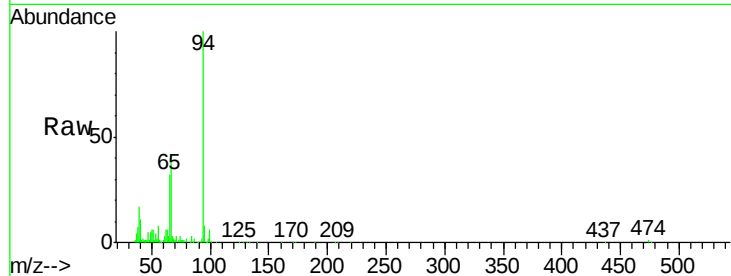
A4V21MS

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.0	16.8	25.2#
66	42.1	22.6	33.8#

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#10

2-Chlorophenol

Concen: 25.11 ng/ul m

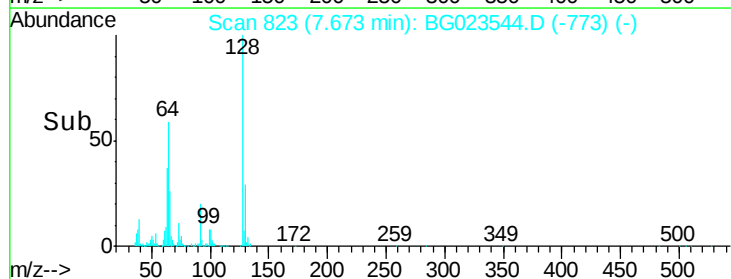
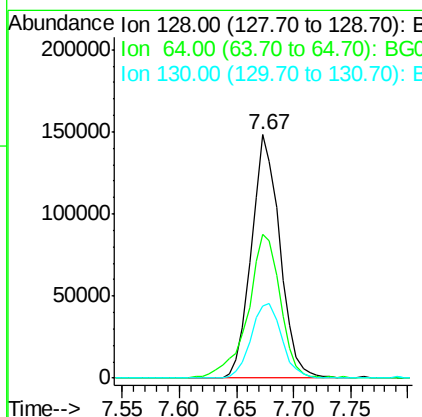
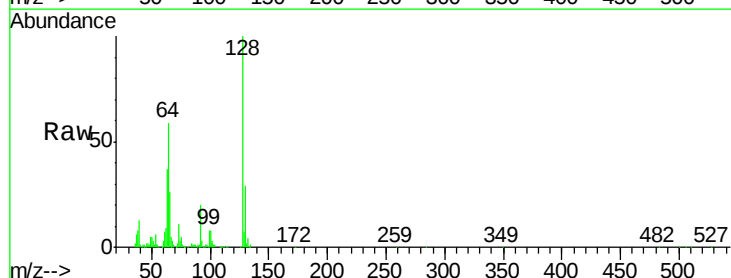
RT: 7.67 min Scan# 823

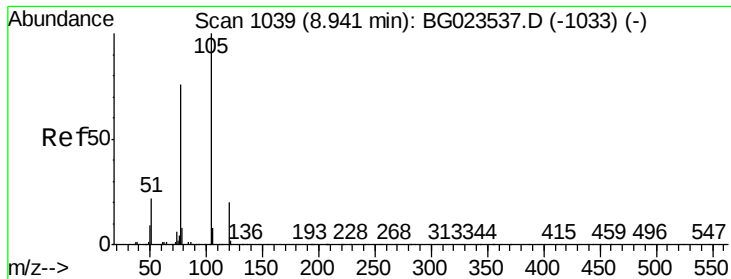
Delta R.T. -0.01 min

Lab File: BG023544.D

Acq: 8 Aug 2016 21:33

Tgt Ion	Ratio	Lower	Upper
128	100		
64	59.0	34.2	51.4#
130	29.4	27.0	40.4





#14

Acetophenone

Concen: 2.28 ng/ul

RT: 8.95 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BG023544.D

Acq: 8 Aug 2016 21:33

Instrument :

BNA_G

ClientSampleId :

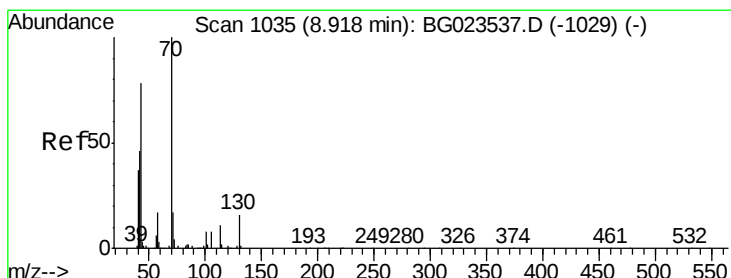
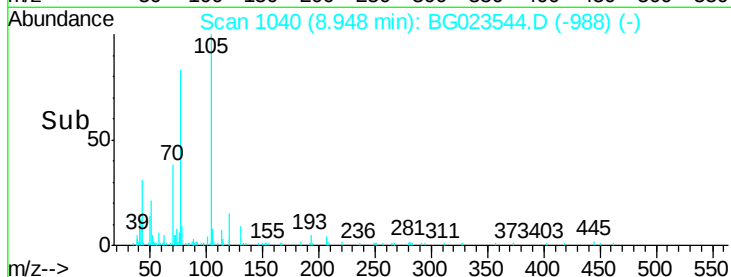
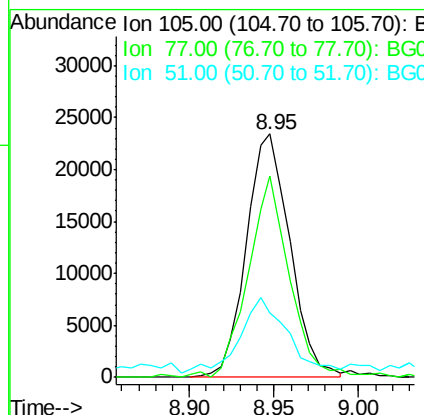
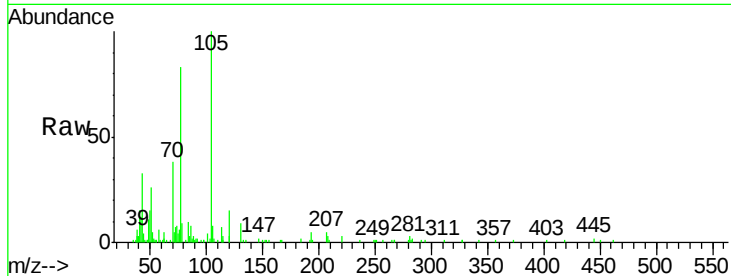
A4V21MS

Tgt Ion:	105	Resp:	41978
Ion Ratio	Lower	Upper	
105	100		
77	82.9	56.1	84.1
51	26.4	14.6	22.0#

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#15

N-Nitroso-di-n-propylamine

Concen: 32.31 ng/ul

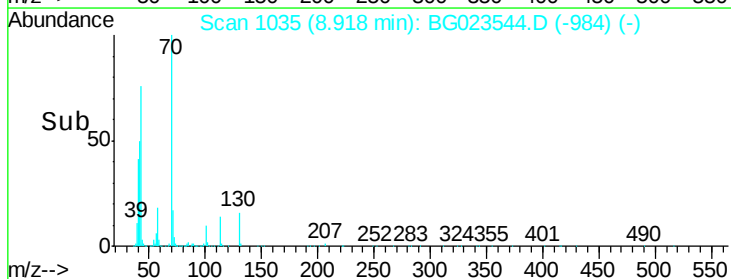
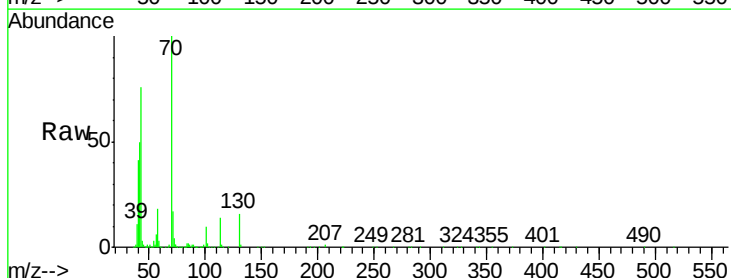
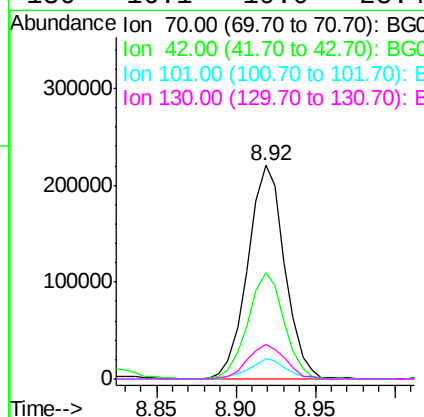
RT: 8.92 min Scan# 1035

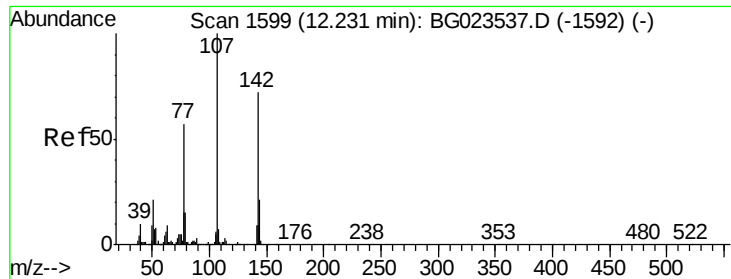
Delta R.T. -0.00 min

Lab File: BG023544.D

Acq: 8 Aug 2016 21:33

Tgt Ion:	70	Resp:	357197
Ion Ratio	Lower	Upper	
70	100		
42	49.6	31.4	47.2#
101	9.8	8.6	13.0
130	16.1	19.0	28.4#





#33
 4-Chloro-3-methylphenol
 Concen: 27.53 ng/ul m
 RT: 12.23 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BG023544.D
 Acq: 8 Aug 2016 21:33

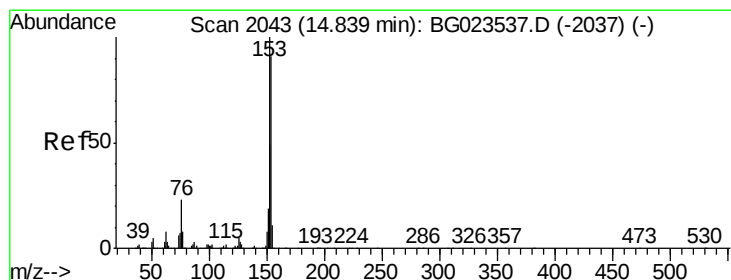
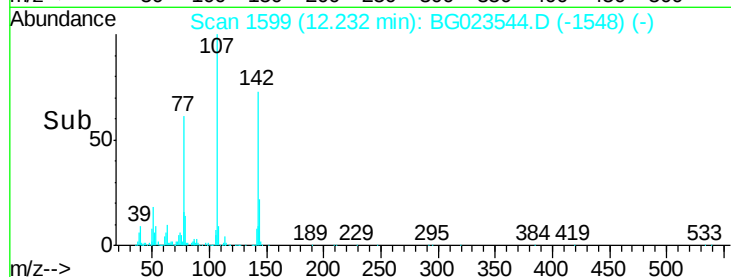
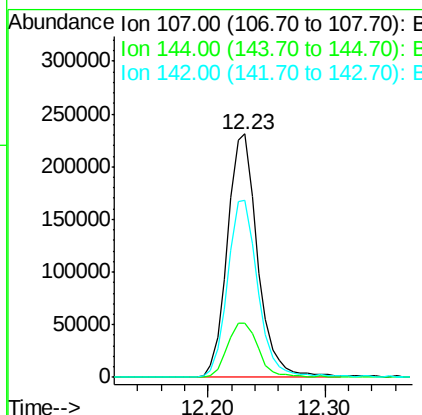
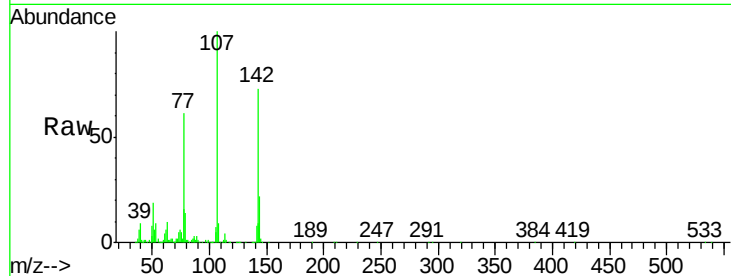
Instrument :
 BNA_G
 ClientSampleId :
 A4V21MS

Tgt Ion:107 Resp: 412725
 Ion Ratio Lower Upper
 107 100
 144 22.1 22.7 34.1#
 142 72.6 71.6 107.4

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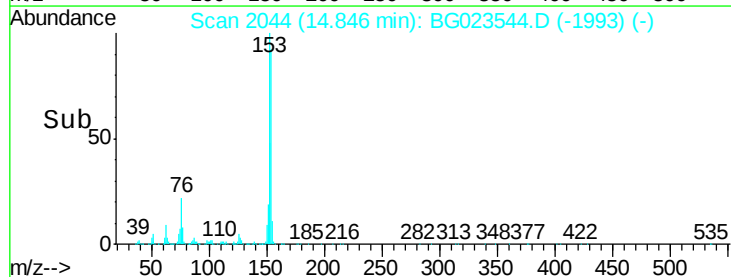
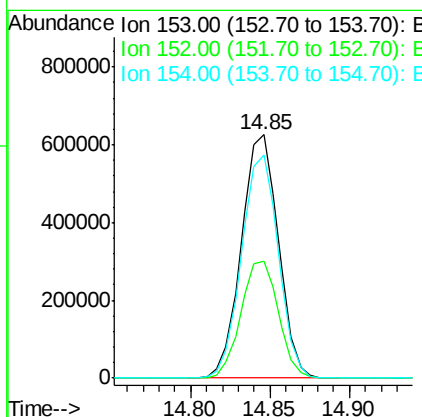
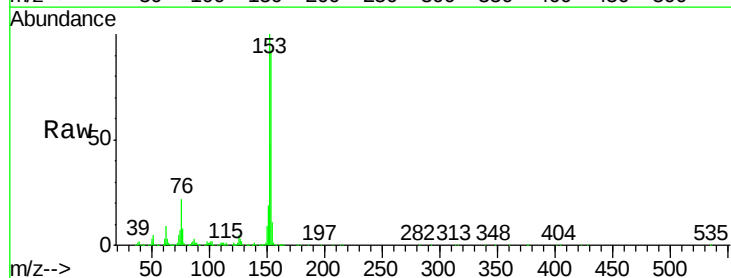
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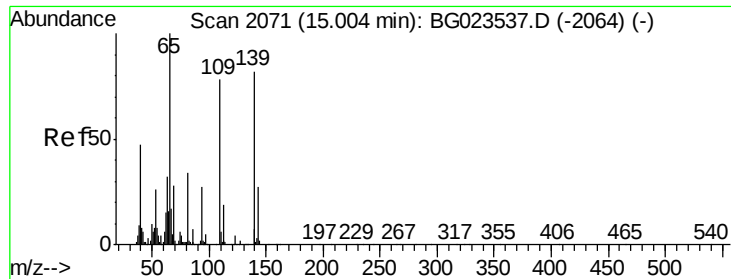
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#49
 Acenaphthene
 Concen: 31.33 ng/ul
 RT: 14.85 min Scan# 2044
 Delta R.T. -0.00 min
 Lab File: BG023544.D
 Acq: 8 Aug 2016 21:33

Tgt Ion:153 Resp: 1014699
 Ion Ratio Lower Upper
 153 100
 152 48.3 37.3 55.9
 154 91.7 68.2 102.2





#52

4-Nitrophenol

Concen: 7.65 ng/ul m

RT: 15.01 min Scan# 2072

Delta R.T. 0.01 min

Lab File: BG023544.D

Acq: 8 Aug 2016 21:33

Instrument :

BNA_G

ClientSampleId :

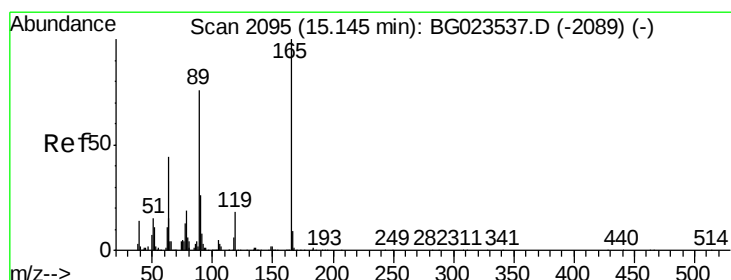
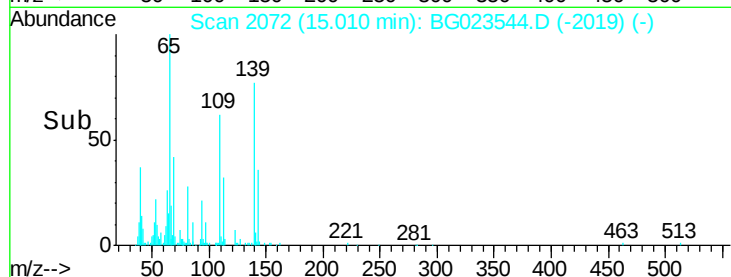
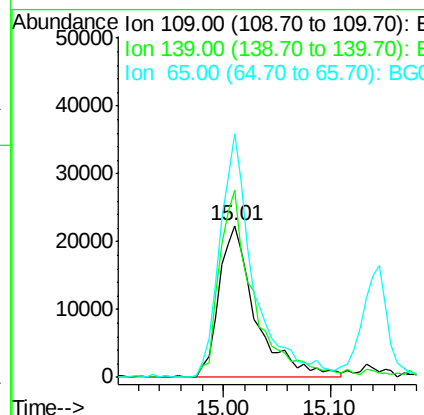
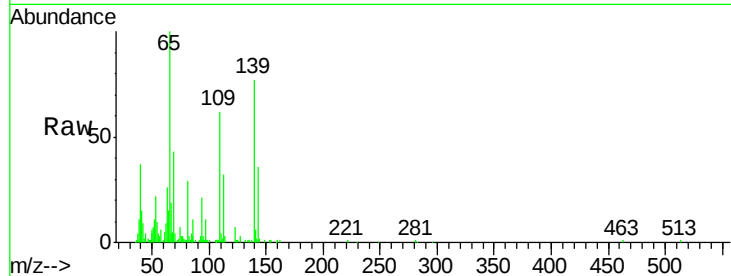
A4V21MS

Tgt Ion	Ratio	Resp	Lower	Upper
109	100			
139	123.8	136.1	204.1#	
65	160.7	106.0	159.0#	

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#54

2,4-Dinitrotoluene

Concen: 32.51 ng/ul

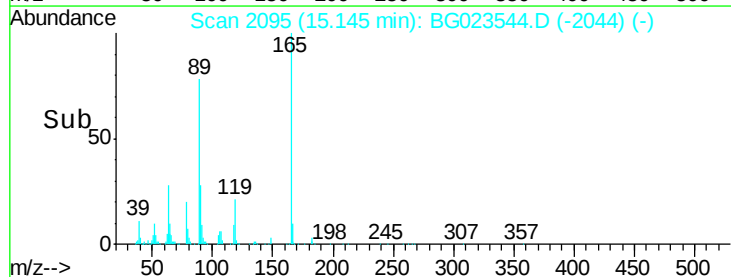
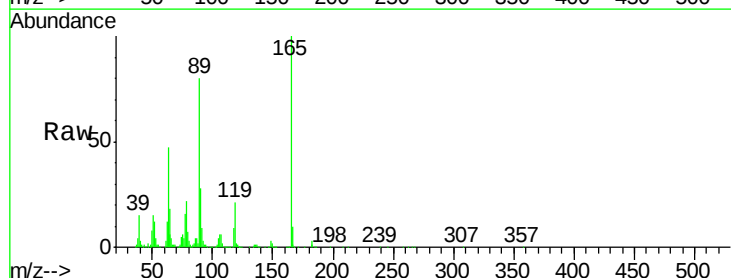
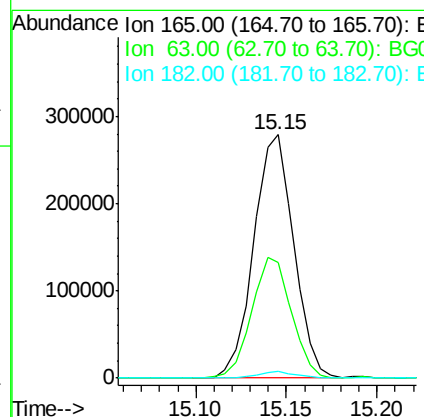
RT: 15.15 min Scan# 2095

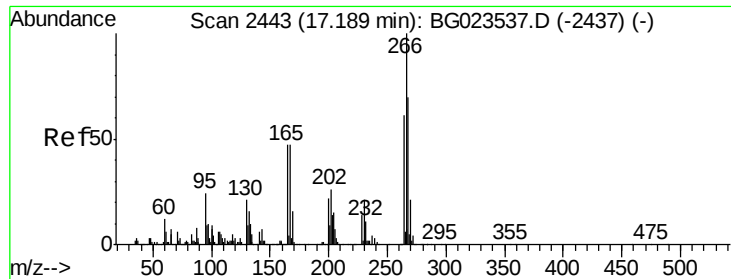
Delta R.T. -0.00 min

Lab File: BG023544.D

Acq: 8 Aug 2016 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.5	25.7	38.5#	
182	2.7	2.1	3.1	





#68
 Pentachlorophenol
 Concen: 35.90 ng/ul
 RT: 17.19 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG023544.D
 Acq: 8 Aug 2016 21:33

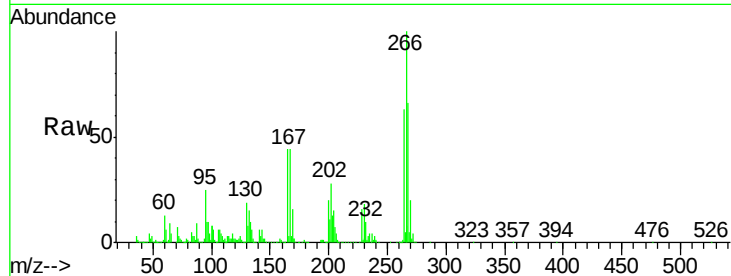
Instrument :
 BNA_G
 ClientSampleId :
 A4V21MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	288278		
264	63.2	54.7	82.1	
268	66.1	57.8	86.8	

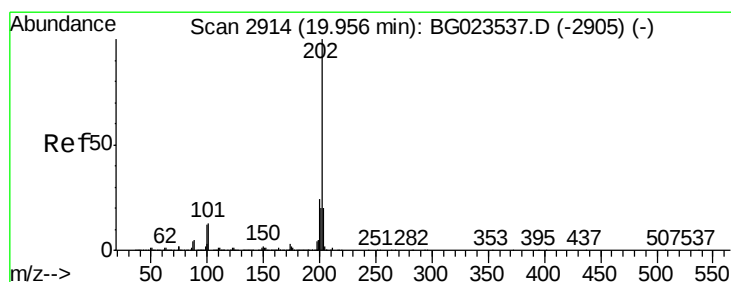
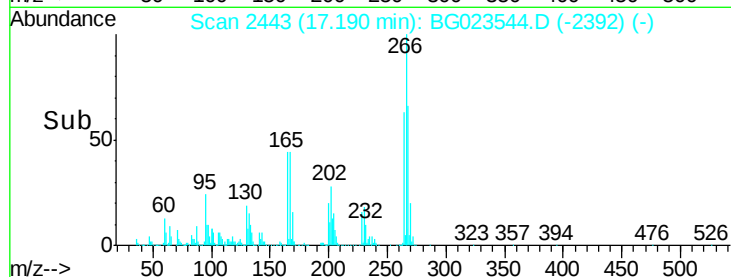
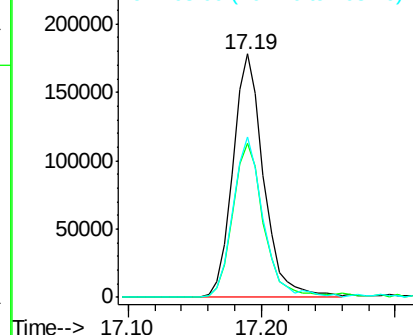
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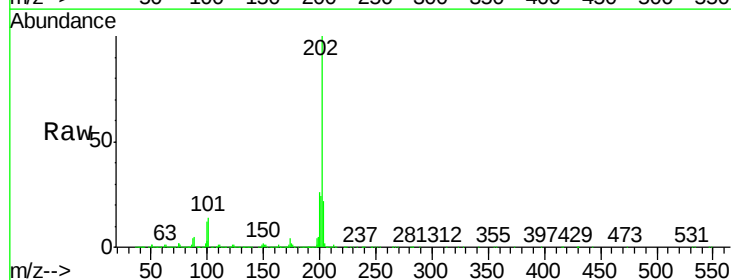


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 31.17 ng/ul
 RT: 19.96 min Scan# 2915
 Delta R.T. -0.00 min
 Lab File: BG023544.D
 Acq: 8 Aug 2016 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2252129		
101	13.9	12.5	18.7	
100	11.6	10.2	15.4	



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

