

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
 Data File : BG020513.D
 Acq On : 25 Dec 2015 21:06
 Operator : UM/SJ
 Sample : G4847-03MS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 D9N68MS

Manual Integrations
 APPROVED

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Quant Time: Dec 26 02:56:50 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 26 02:12:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	16376	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	70853	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	50498	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	136402	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	179800	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	170225	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	386	1.30	ng/uL	0.00
5) Phenol-d5	7.23	99	10287	7.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	24762	31.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	26594	26.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	19321	17.47	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	17676	31.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	20495	32.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	36116	29.55	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.11	166	139040	33.40	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	150569	31.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	4446m	6.41	ng/ul	0.00
58) Fluorene-d10	15.70	176	125543	33.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	24982	27.64	ng/ul	0.00
71) Anthracene-d10	17.55	188	213764	33.46	ng/ul	0.00
79) Pyrene-d10	19.84	212	270562	34.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	287760	33.44	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.26	94	10151	7.42	ng/ul	97
10) 2-Chlorophenol	7.64	128	26047	24.75	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.88	70	28116	31.39	ng/ul	96
28) Naphthalene	10.96	128	1866853	495.65	ng/ul#	92
33) 4-Chloro-3-methylphenol	12.17	107	34339	26.15	ng/ul	92
34) 2-Methylnaphthalene	12.55	142	185571	66.59	ng/ul	98
41) 1,1'-Biphenyl	13.55	154	44736	11.48	ng/ul#	91
48) Acenaphthylene	14.43	152	23014	4.54	ng/ul	98
50) Acenaphthene	14.77	153	240726	70.25	ng/ul	98
53) 4-Nitrophenol	14.93	109	3870	6.16	ng/ul	97
54) Dibenzofuran	15.11	168	103253	20.25	ng/ul	97
55) 2,4-Dinitrotoluene	15.07	165	40160	31.22	ng/ul	94
59) Fluorene	15.75	166	89464	21.65	ng/ul	96
69) Pentachlorophenol	17.11	266	29603	28.84	ng/ul	95
70) Phenanthrene	17.50	178	163887	21.59	ng/ul	98
75) Carbazole	17.86	167	8235	1.26	ng/ul	94
77) Fluoranthene	19.50	202	10887	1.14	ng/ul#	97
80) Pyrene	19.87	202	332831	32.73	ng/ul	98

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

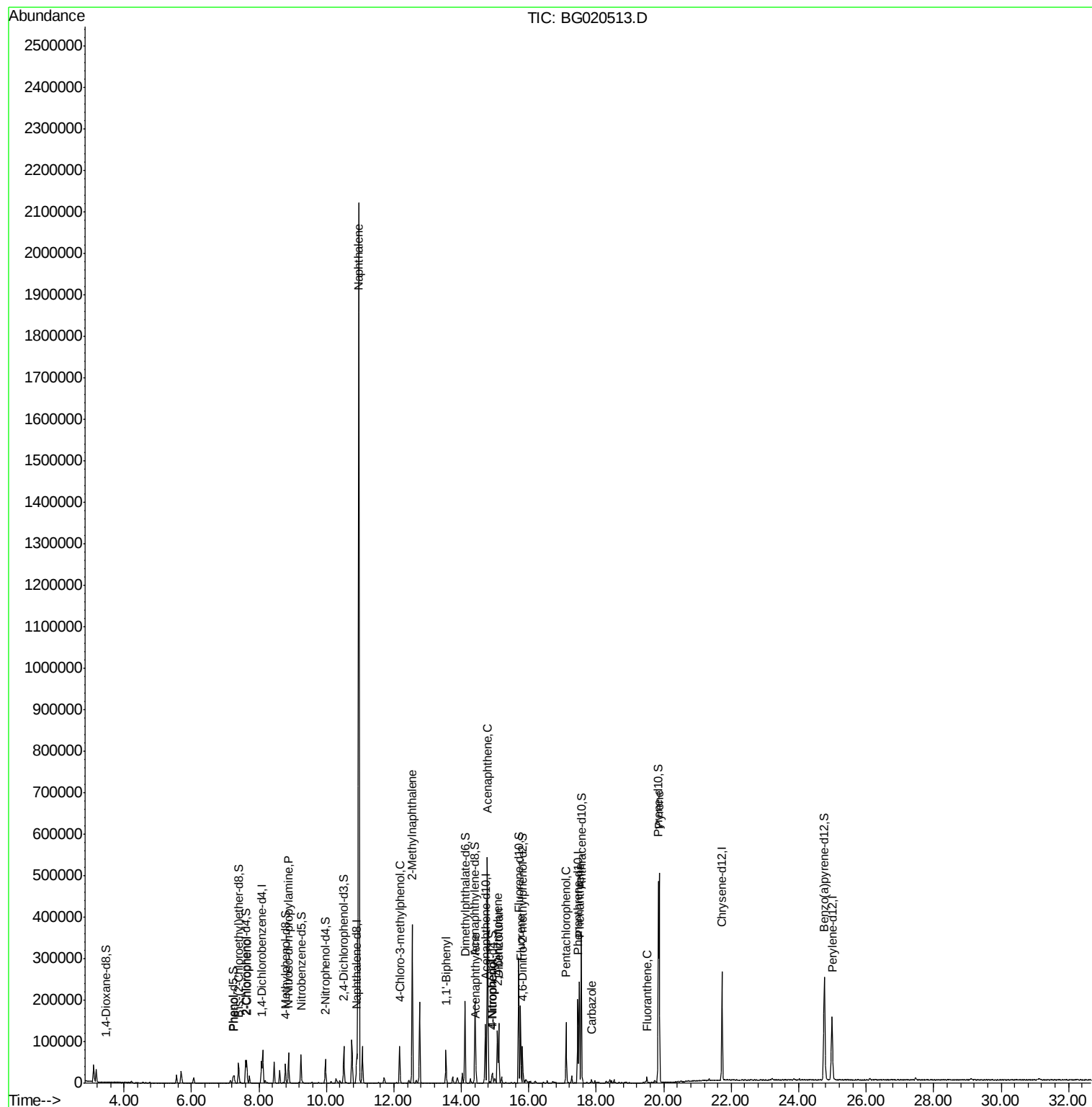
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020513.D
Acq On : 25 Dec 2015 21:06
Operator : UM/SJ
Sample : G4847-03MS
Misc :
ALS Vial : 52 Sample Multiplier: 1

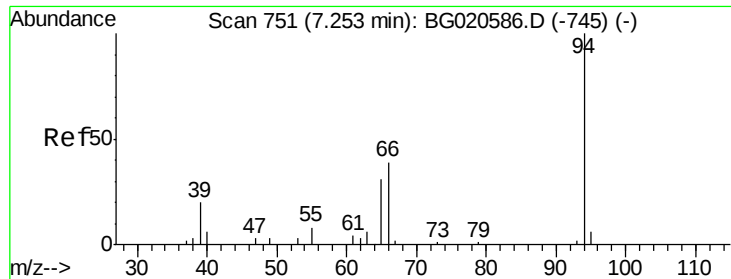
Instrument :
BNA_G
ClientSampleId :
D9N68MS

Manual Integrations
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Quant Time: Dec 26 02:56:50 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 26 02:12:58 2015
Response via : Initial Calibration





#6

Phenol

Concen: 7.42 ng/ul

RT: 7.26 min Scan# 753

Delta R.T. 0.00 min

Lab File: BG020513.D

Acq: 25 Dec 2015 21:06

Instrument :

BNA_G

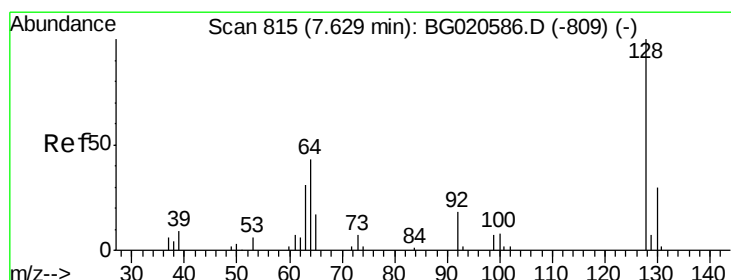
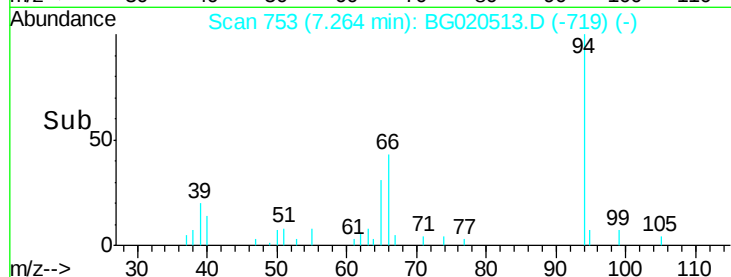
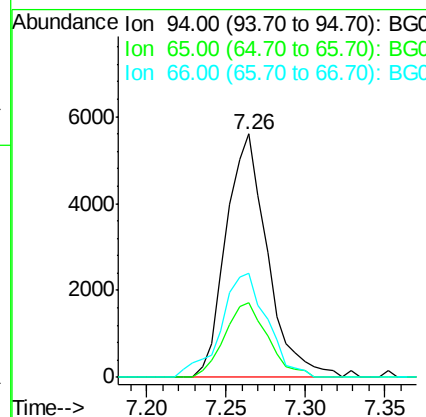
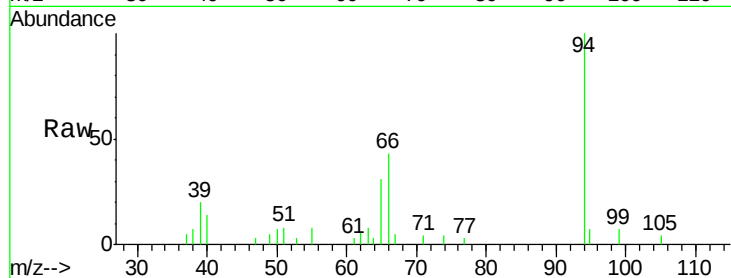
ClientSampleId :

D9N68MS

Tot Ion:	94	Resp:	10151
Ion Ratio		Lower	Upper
94	100		
65	30.6	26.3	39.5
66	42.8	33.3	49.9

Manual Integrations
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#10

2-Chlorophenol

Concen: 24.75 ng/ul

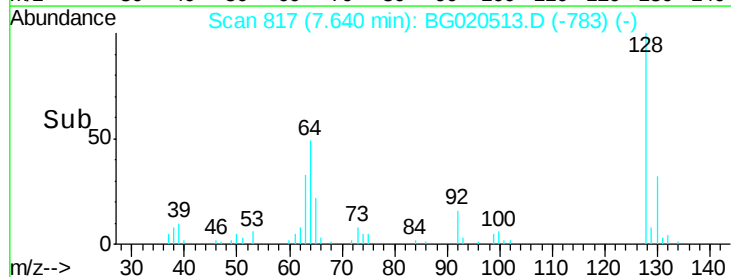
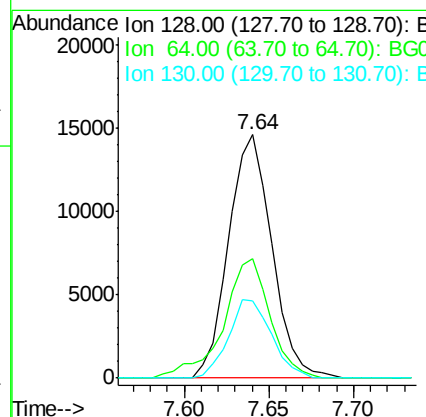
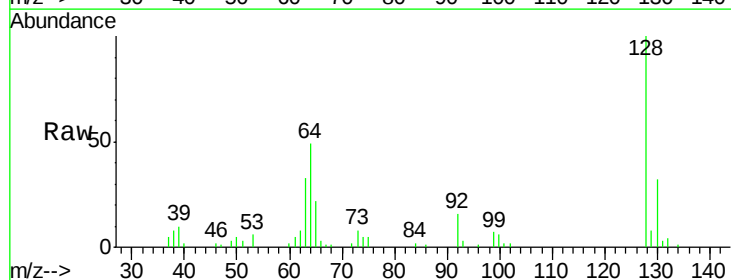
RT: 7.64 min Scan# 817

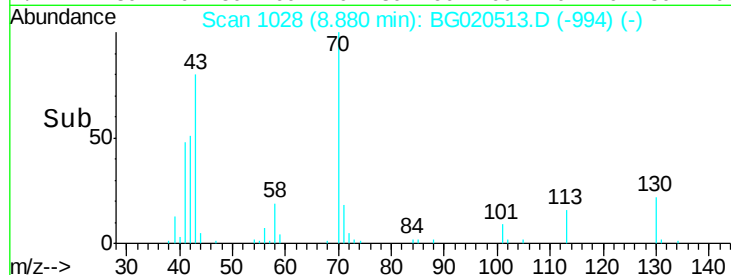
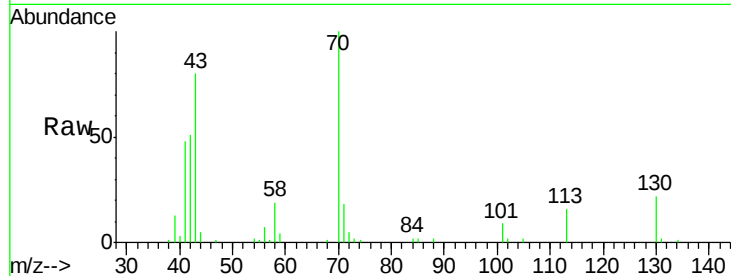
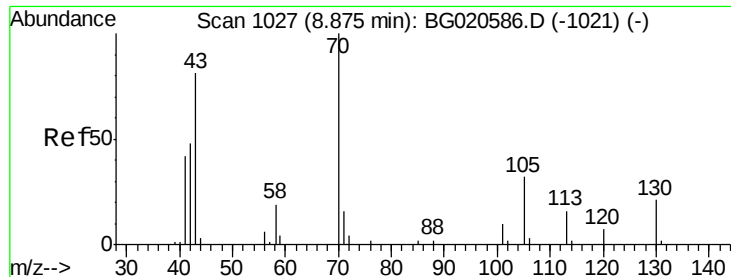
Delta R.T. 0.00 min

Lab File: BG020513.D

Acq: 25 Dec 2015 21:06

Tgt Ion:	128	Resp:	26047
Ion Ratio		Lower	Upper
128	100		
64	49.0	39.4	59.0
130	31.7	24.6	36.8





#15

N-Nitroso-di-n-propylamine

Concen: 31.39 ng/ul

RT: 8.88 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BG020513.D

Acq: 25 Dec 2015 21:06

Instrument :

BNA_G

ClientSampled :

D9N68MS

Tot Ion: 70 Resp: 28116

Ion Ratio Lower Upper

70 100

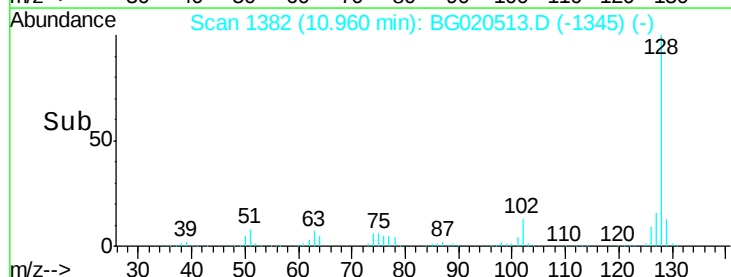
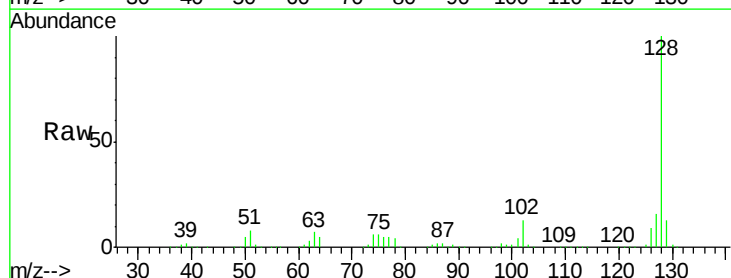
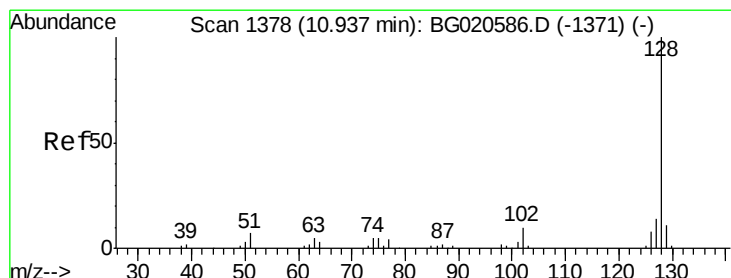
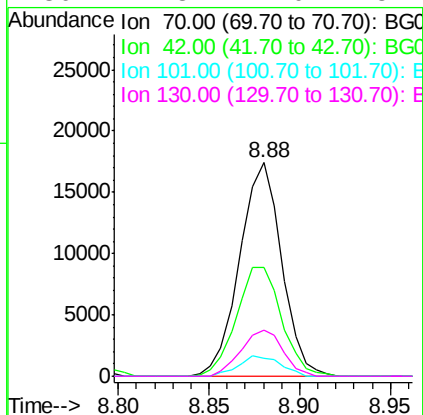
42 51.2 44.3 66.5

101 8.6 7.6 11.4

130 21.8 17.0 25.4

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#28

Naphthalene

Concen: 495.65 ng/ul

RT: 10.96 min Scan# 1382

Delta R.T. 0.02 min

Lab File: BG020513.D

Acq: 25 Dec 2015 21:06

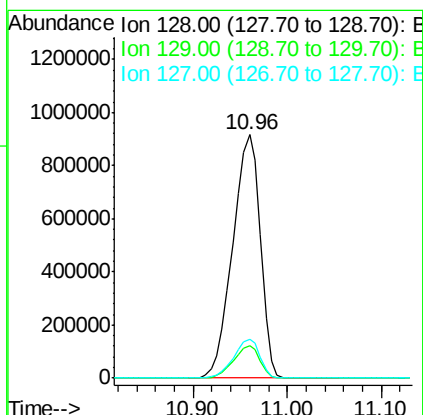
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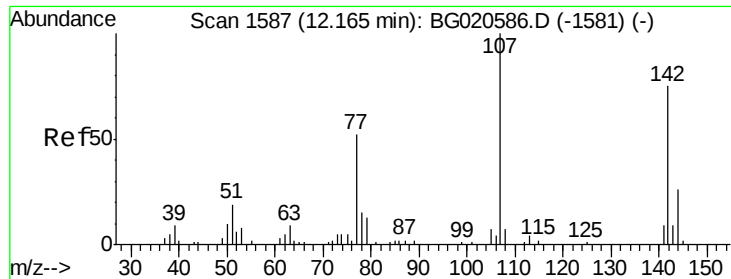
Ion Ratio Lower Upper

128 100

129 13.3 8.6 12.8#

127 16.0 10.1 15.1#





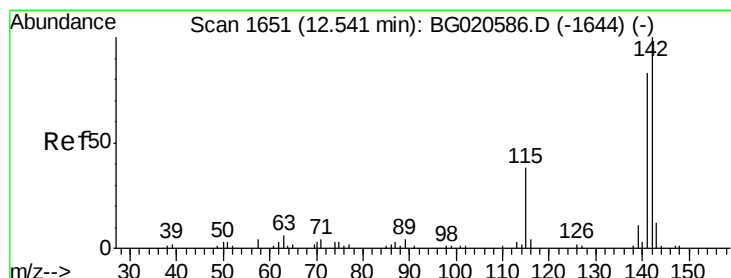
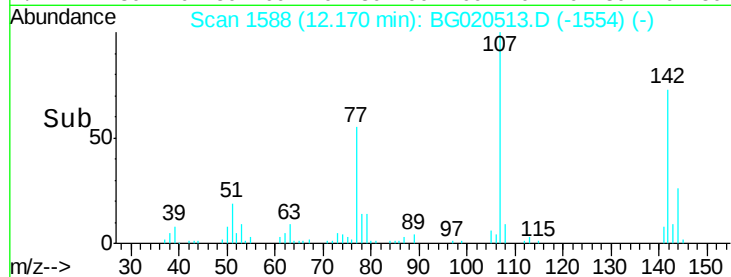
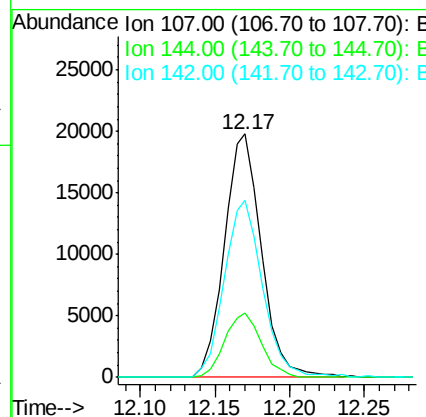
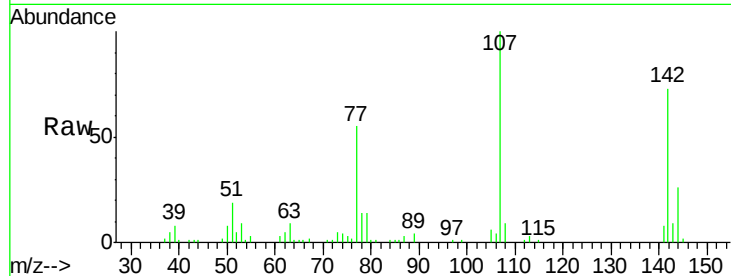
#33
 4-Chloro-3-methylphenol
 Concen: 26.15 ng/ul
 RT: 12.17 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BG020513.D
 Acq: 25 Dec 2015 21:06

Instrument :
 BNA_G
 ClientSampleId :
 D9N68MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.3	18.7	28.1
142	72.7	52.8	79.2

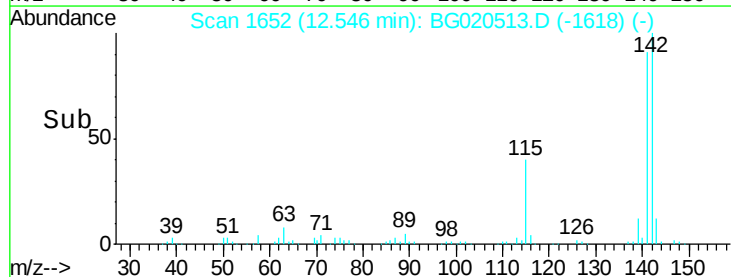
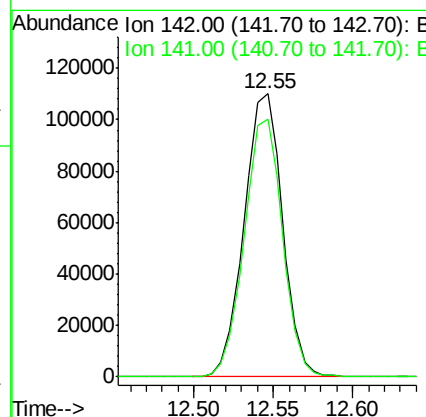
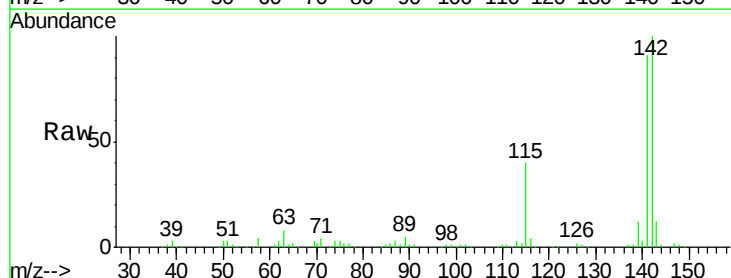
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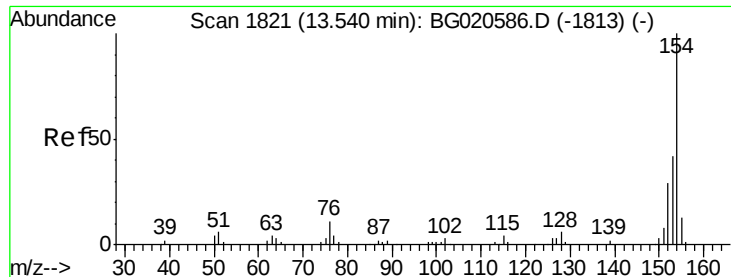
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#34
 2-Methylnaphthalene
 Concen: 66.59 ng/ul
 RT: 12.55 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BG020513.D
 Acq: 25 Dec 2015 21:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	74.9	112.3





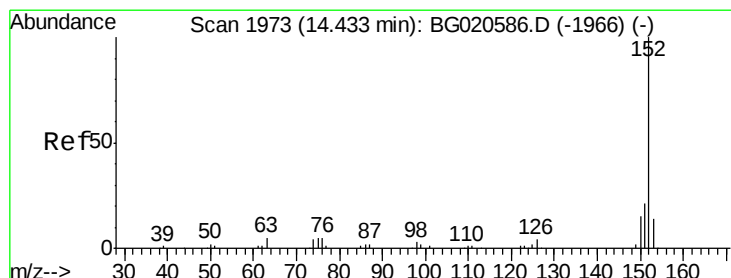
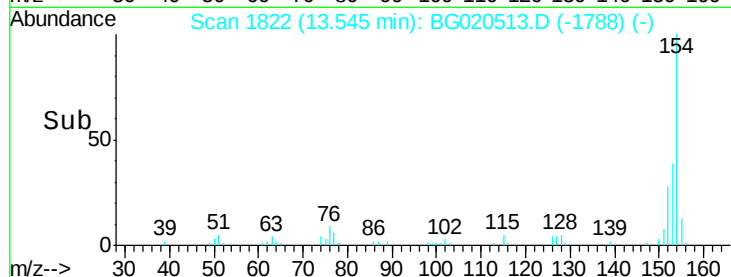
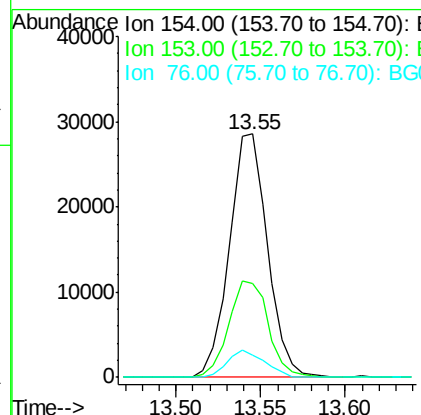
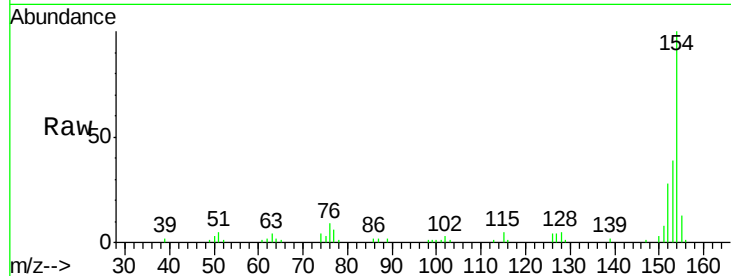
#41
 1,1'-Biphenyl
 Concen: 11.48 ng/ul
 RT: 13.55 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG020513.D
 Acq: 25 Dec 2015 21:06

Instrument :
 BNA_G
 ClientSampleId :
 D9N68MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	38.7	35.5	53.3
76	9.2	10.4	15.6

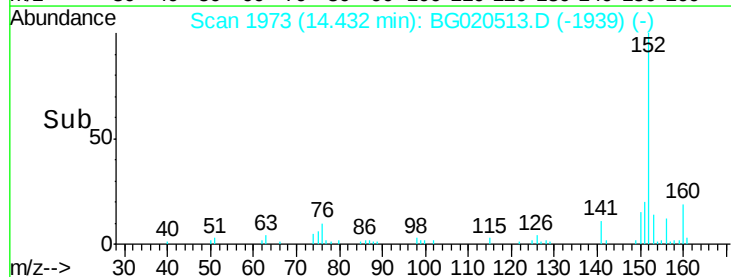
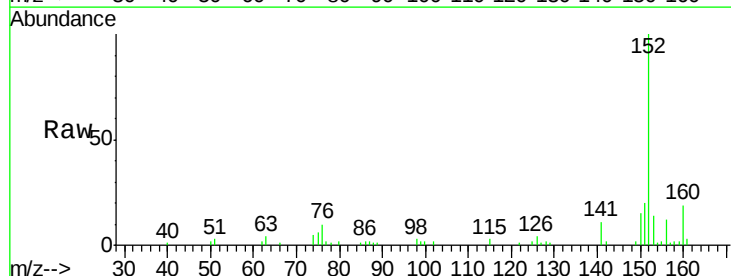
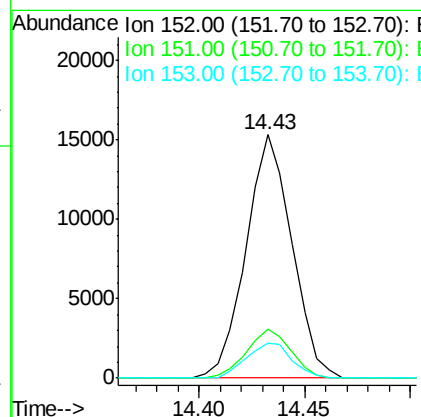
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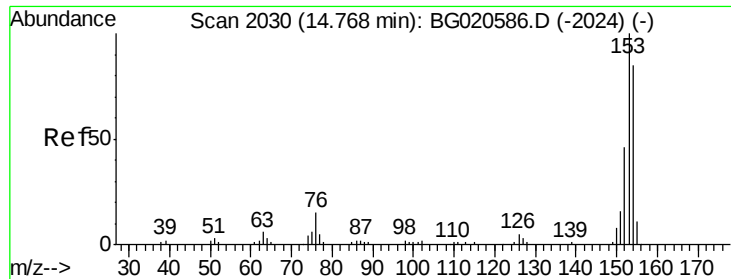
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#48
 Acenaphthylene
 Concen: 4.54 ng/ul
 RT: 14.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: BG020513.D
 Acq: 25 Dec 2015 21:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.4	24.6
153	14.4	10.4	15.6





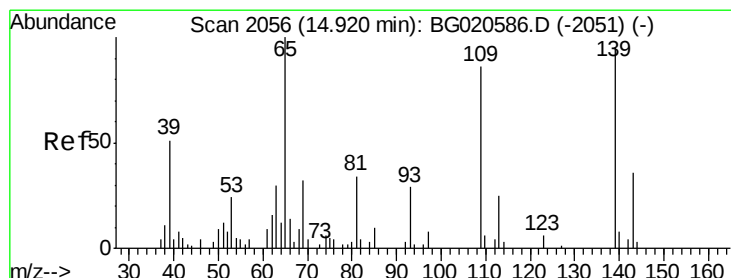
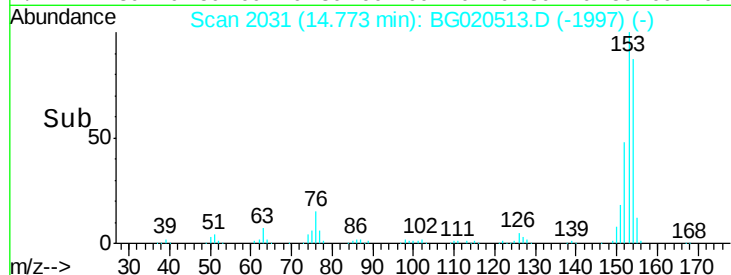
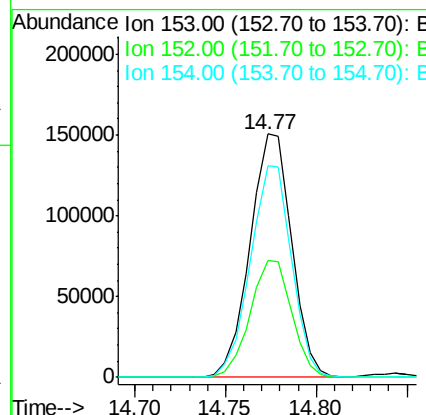
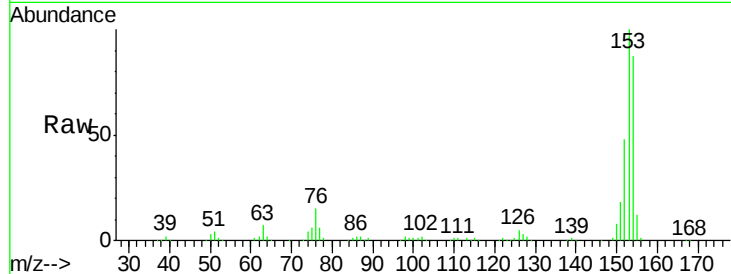
#50
Acenaphthene
Concen: 70.25 ng/ul
RT: 14.77 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BG020513.D
Acq: 25 Dec 2015 21:06

Instrument :
BNA_G
ClientSampleId :
D9N68MS

Tot Ion	Ratio	Resp	Lower	Upper
153	100	240726		
152	48.0		37.6	56.4
154	87.0		67.9	101.9

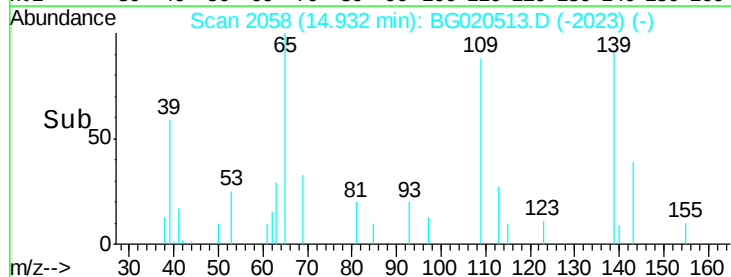
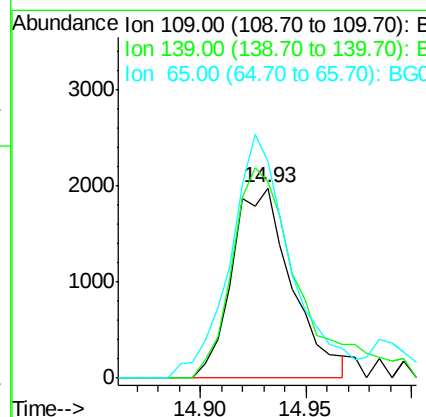
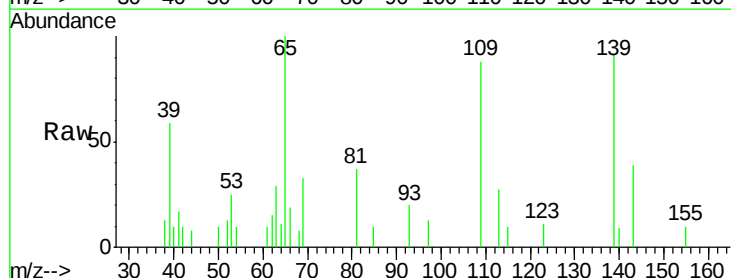
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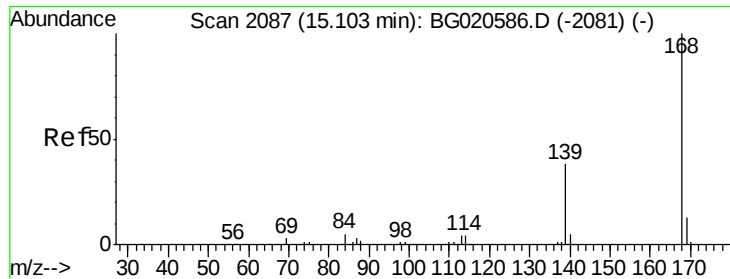
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#53
4-Nitrophenol
Concen: 6.16 ng/ul
RT: 14.93 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BG020513.D
Acq: 25 Dec 2015 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	3870		
139	103.3		80.5	120.7
65	113.6		93.4	140.2





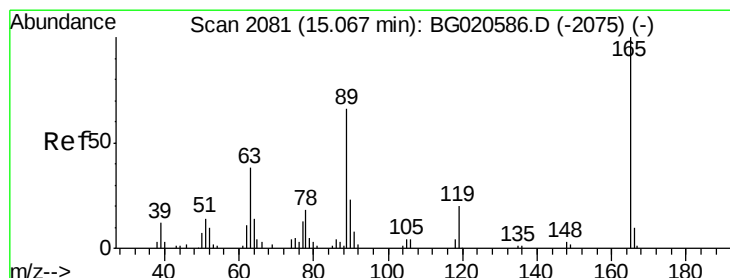
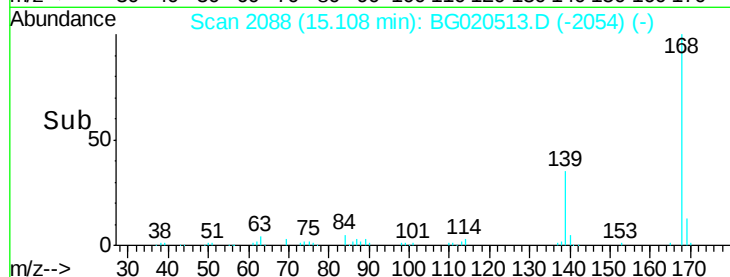
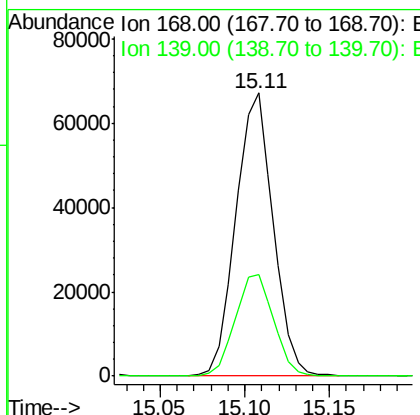
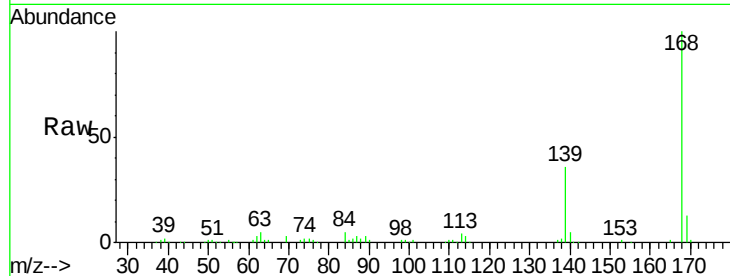
#54
Dibenzenofuran
Concen: 20.25 ng/ul
RT: 15.11 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BG020513.D
Acq: 25 Dec 2015 21:06

Instrument :
BNA_G
ClientSampleId :
D9N68MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	103253		
139	36.0		30.5	45.7

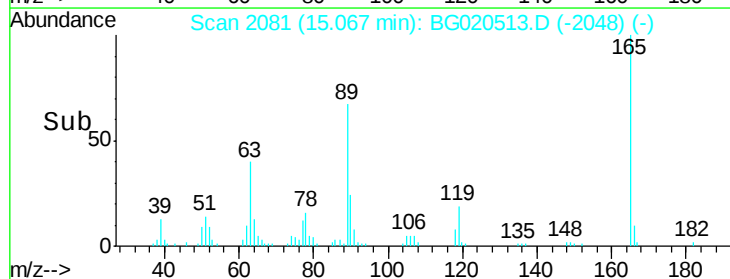
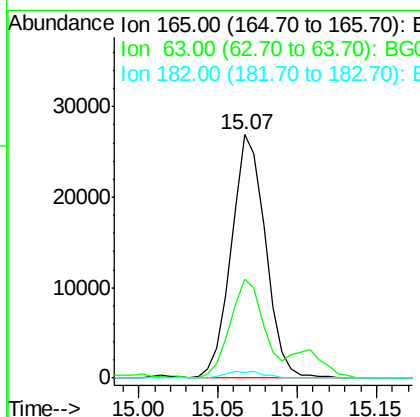
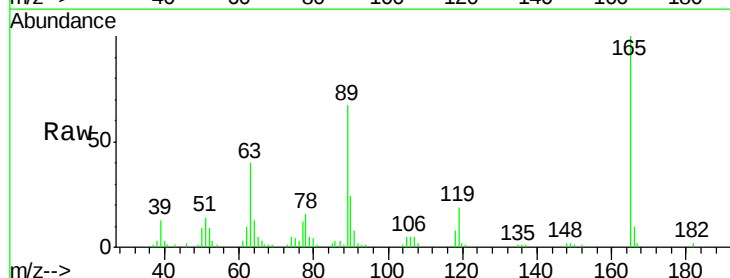
Manual Integrations
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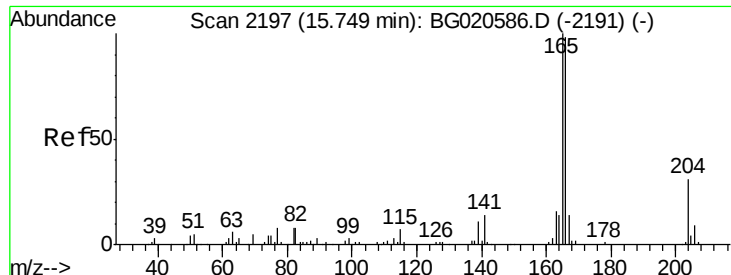
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#55
2,4-Dinitrotoluene
Concen: 31.22 ng/ul
RT: 15.07 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG020513.D
Acq: 25 Dec 2015 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	40160		
63	40.4		35.8	53.8
182	2.5		2.2	3.2





#59

Fluorene

Concen: 21.65 ng/ul

RT: 15.75 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG020513.D

Acq: 25 Dec 2015 21:06

Instrument :

BNA_G

ClientSampleId :

D9N68MS

Tot Ion:166 Resp: 89464

Ion Ratio Lower Upper

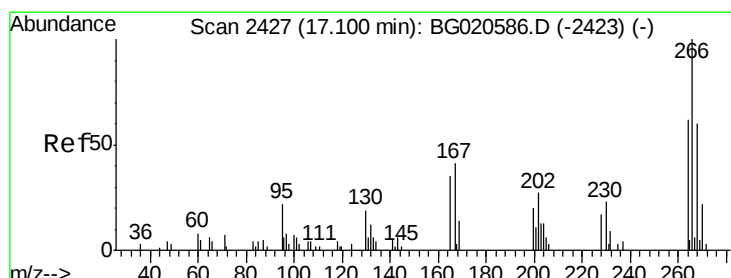
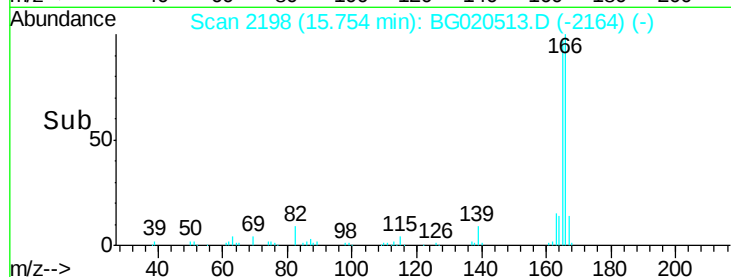
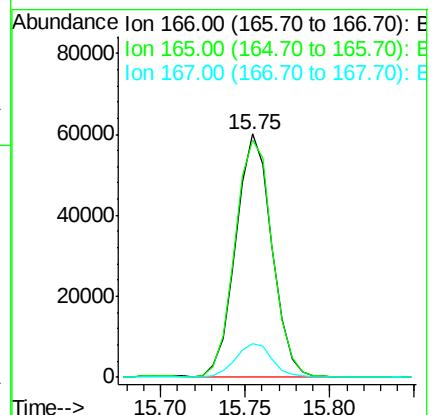
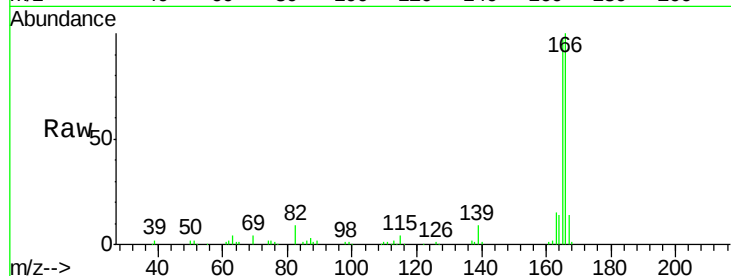
166 100

165 97.4 81.4 122.0

167 13.8 11.2 16.8

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#69

Pentachlorophenol

Concen: 28.84 ng/ul

RT: 17.11 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BG020513.D

Acq: 25 Dec 2015 21:06

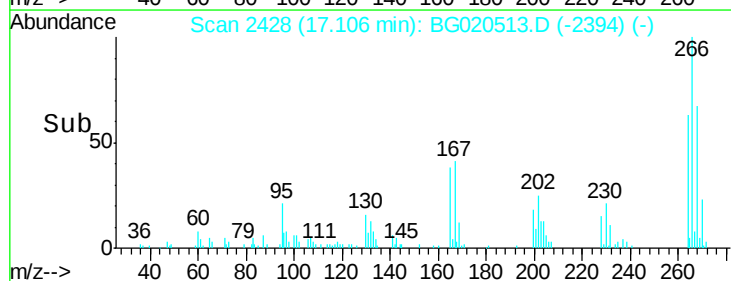
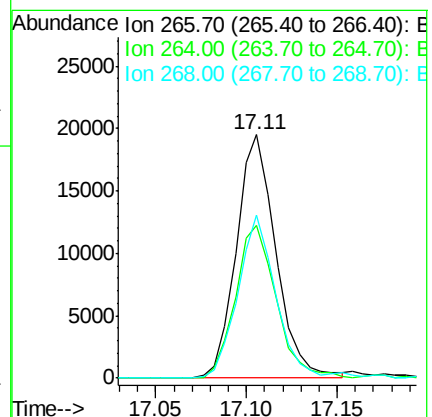
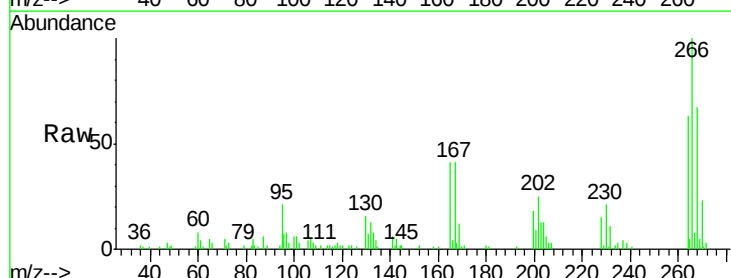
Tgt Ion:266 Resp: 29603

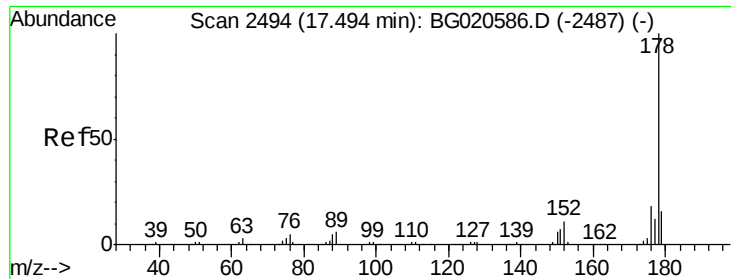
Ion Ratio Lower Upper

266 100

264 67.8 52.2 78.2

268 66.9 49.3 73.9





#70

Phenanthrene

Concen: 21.59 ng/ul

RT: 17.50 min Scan# 2495

Delta R.T. 0.00 min

Lab File: BG020513.D

Acq: 25 Dec 2015 21:06

Instrument :

BNA_G

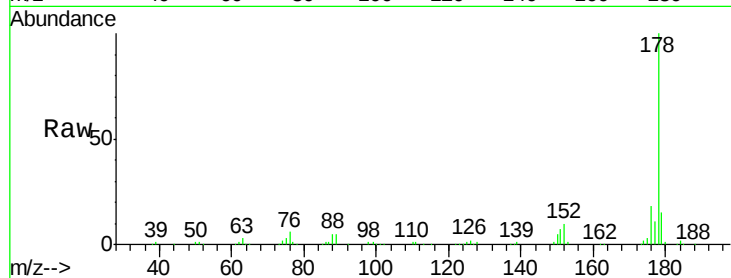
ClientSampleId :

D9N68MS

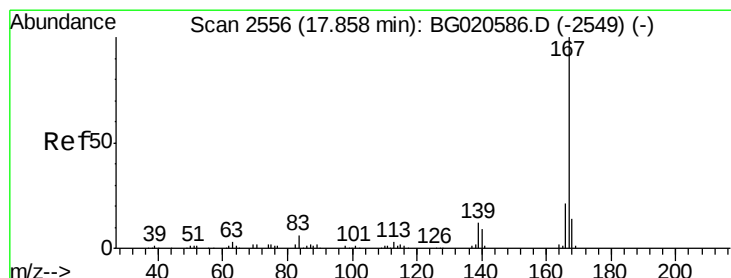
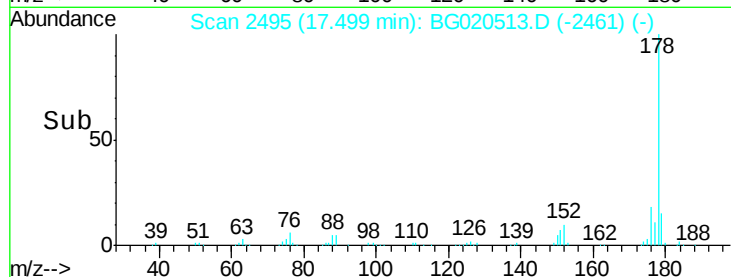
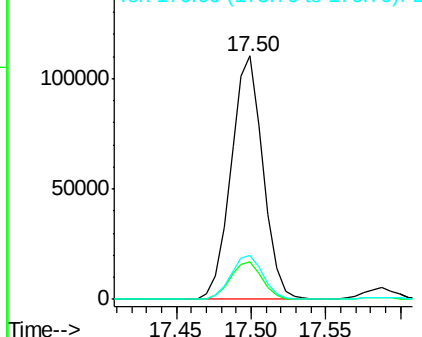
Tot Ion:	178	Resp:	163887
Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.9	19.3
176	18.1	15.3	22.9

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 1.26 ng/ul

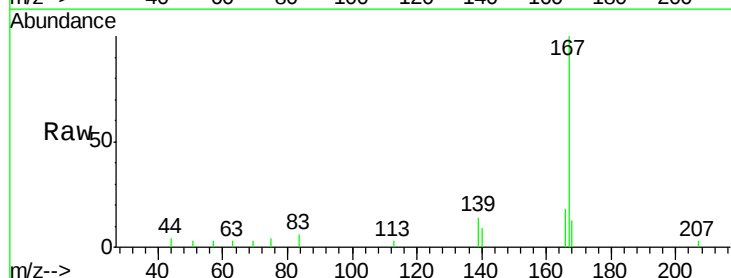
RT: 17.86 min Scan# 2556

Delta R.T. 0.00 min

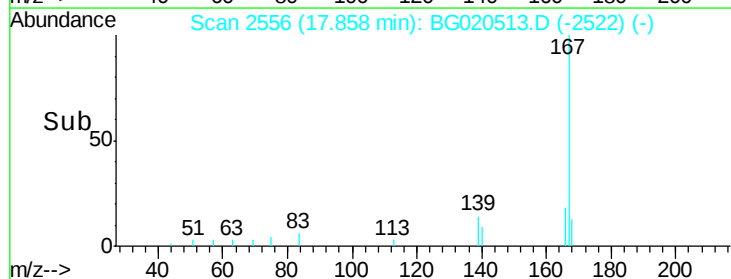
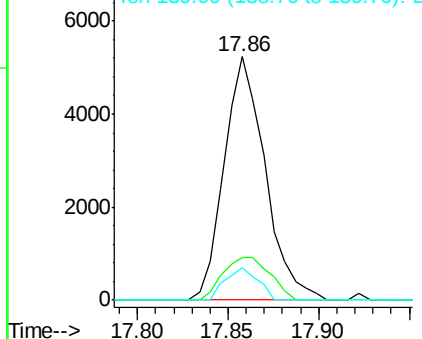
Lab File: BG020513.D

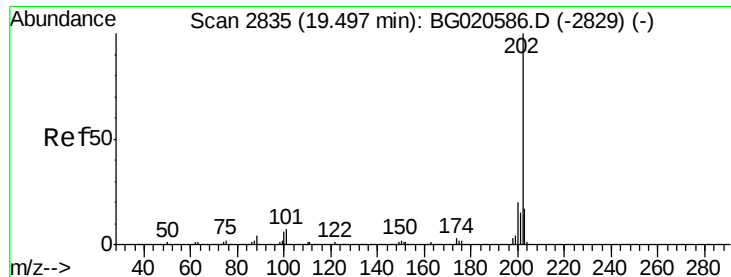
Acq: 25 Dec 2015 21:06

Tgt Ion:	167	Resp:	8235
Ion	Ratio	Lower	Upper
167	100		
166	17.7	17.0	25.6
139	13.6	10.1	15.1



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





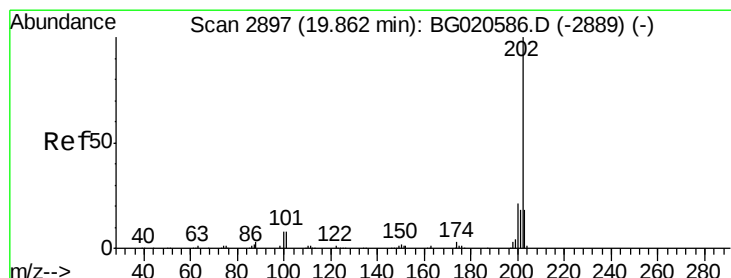
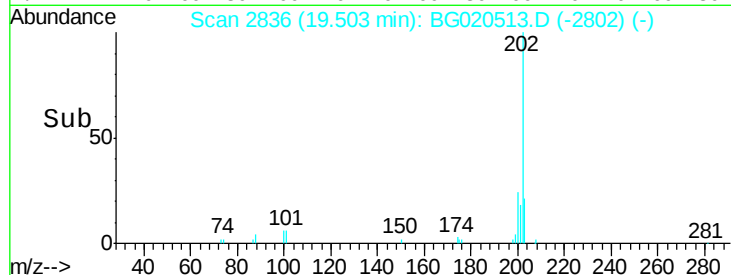
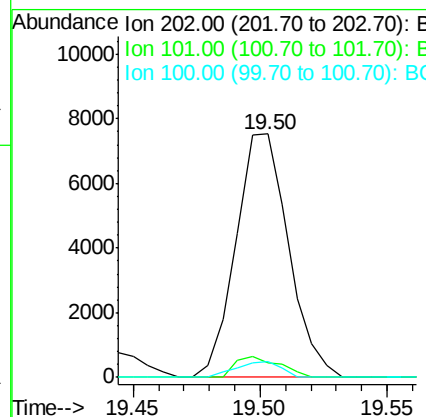
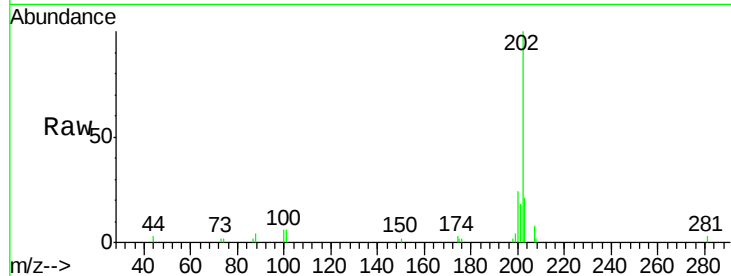
#77
Fluoranthene
Concen: 1.14 ng/ul
RT: 19.50 min Scan# 2836
Delta R.T. 0.00 min
Lab File: BG020513.D
Acq: 25 Dec 2015 21:06

Instrument :
BNA_G
ClientSampleId :
D9N68MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	6.1	6.2	9.4#		
100	6.2	5.1	7.7		

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#80
Pyrene
Concen: 32.73 ng/ul
RT: 19.87 min Scan# 2898
Delta R.T. 0.00 min
Lab File: BG020513.D
Acq: 25 Dec 2015 21:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	8.3	7.0	10.4		
100	7.1	6.4	9.6		

