

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
 Data File : BG018544.D
 Acq On : 29 Aug 2015 20:02
 Operator : UM/MA
 Sample : G3476-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCTJ1MSD

Manual Integrations
 APPROVED

MMDadoda
 8/31/2015 1:49:25 PM

Quant Time: Aug 31 04:51:22 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 31 03:36:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	96875	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	470822	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	313486	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.38	188	747236	20.00	ng/ul	-0.01
78) Chrysene-d12	21.64	240	723711	20.00	ng/ul	-0.03
86) Perylene-d12	24.83	264	714229	20.00	ng/ul	-0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	8812	4.02	ng/uL	0.00
5) Phenol-d5	7.17	99	265783	30.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	148588	27.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	191115	28.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	225567	30.53	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	109805	29.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	113433	30.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	244526	30.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	204976	22.86	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	755830	28.66	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	979772	29.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	146061	30.79	ng/ul	0.00
58) Fluorene-d10	15.63	176	700458	30.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	98315	26.75	ng/ul	-0.01
71) Anthracene-d10	17.48	188	1075312	30.09	ng/ul	-0.01
79) Pyrene-d10	19.76	212	1091439	29.07	ng/ul	-0.01
90) Benzo(a)pyrene-d12	24.62	264	1135944	29.96	ng/ul	-0.06

Target Compounds

						Qvalue
6) Phenol	7.20	94	275917	30.77	ng/ul	92
10) 2-Chlorophenol	7.58	128	192443	28.04	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.81	70	170062	27.77	ng/ul#	86
33) 4-Chloro-3-methylphenol	12.09	107	273724	31.79	ng/ul	93
45) Dimethylphthalate	14.09	163	292461	11.24	ng/ul	99
50) Acenaphthene	14.71	153	674003	28.84	ng/ul	99
53) 4-Nitrophenol	14.85	109	108323	26.26	ng/ul	93
55) 2,4-Dinitrotoluene	14.99	165	223434	30.21	ng/ul	92
69) Pentachlorophenol	17.03	266	159013	27.78	ng/ul	94
70) Phenanthrene	17.42	178	50991m	1.26	ng/ul	
77) Fluoranthene	19.43	202	127671	2.95	ng/ul	98
80) Pyrene	19.79	202	1467149	29.98	ng/ul	98
83) Benzo(a)anthracene	21.62	228	64657	1.44	ng/ul	97
85) Chrysene	21.68	228	79836	1.90	ng/ul	94
88) Benzo(b)fluoranthene	23.81	252	86915	1.94	ng/ul#	95
91) Benzo(a)pyrene	24.68	252	63870	1.50	ng/ul#	93

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

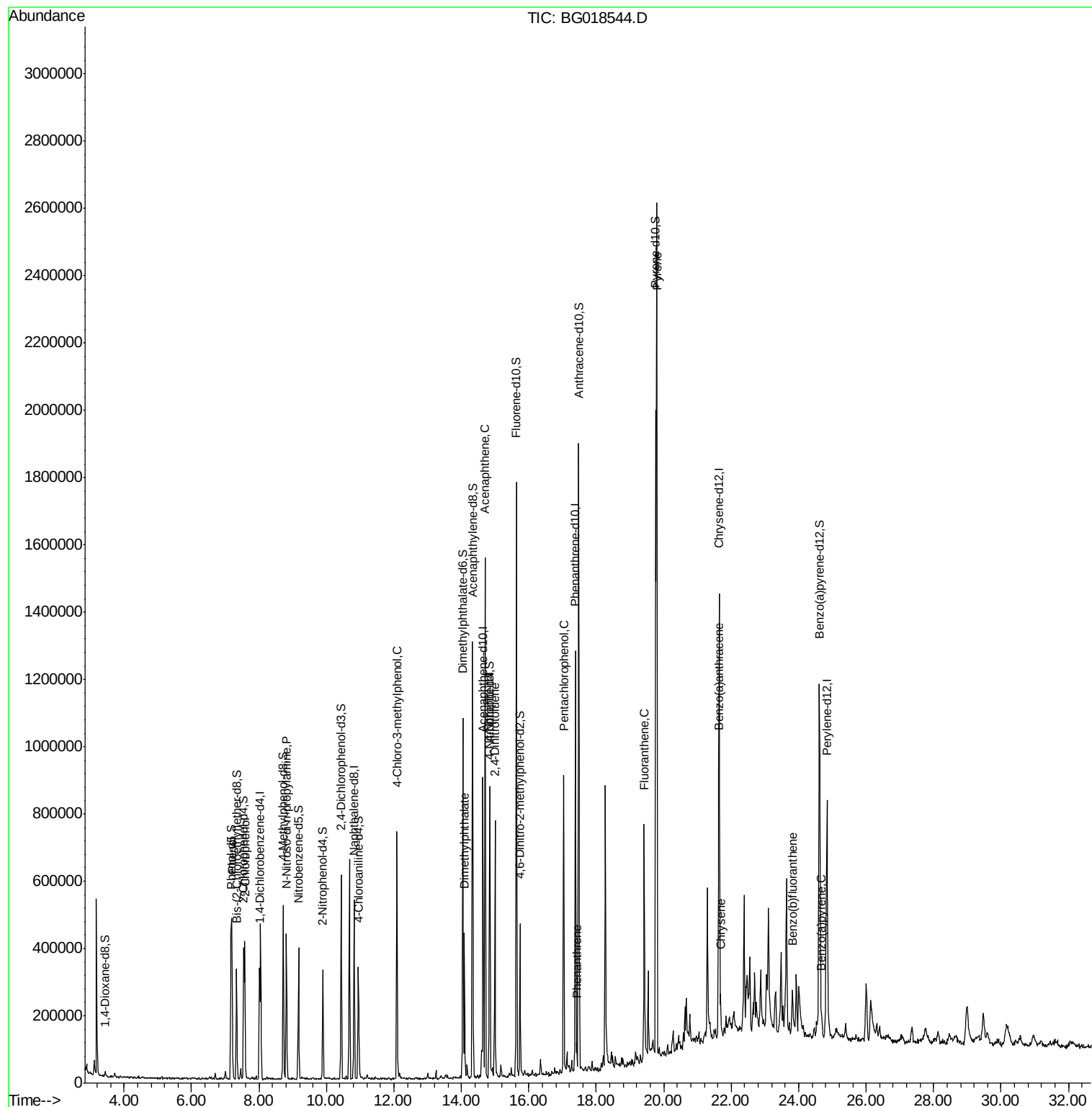
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018544.D
Acq On : 29 Aug 2015 20:02
Operator : UM/MA
Sample : G3476-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

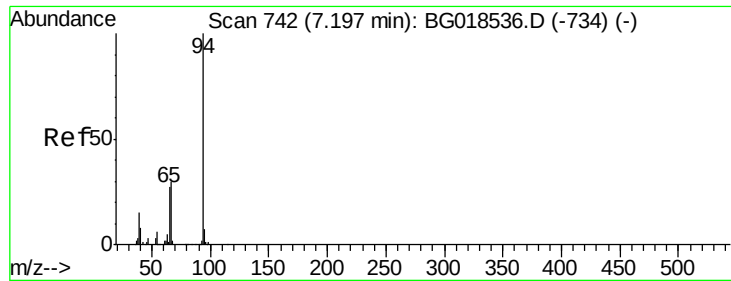
Instrument :
BNA_G
ClientSampleId :
BCTJ1MSD

Manual Integrations
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Quant Time: Aug 31 04:51:22 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 03:36:12 2015
Response via : Initial Calibration





#6

Phenol

Concen: 30.77 ng/ul

RT: 7.20 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG018544.D

Acq: 29 Aug 2015 20:02

Instrument :

BNA_G

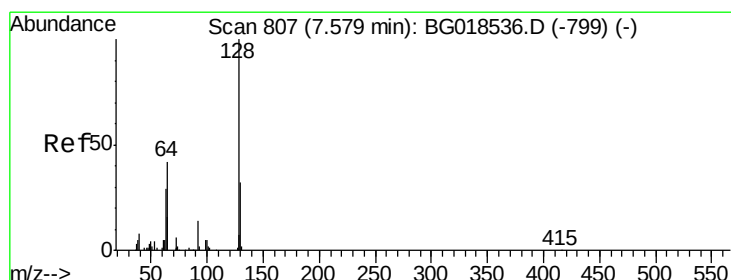
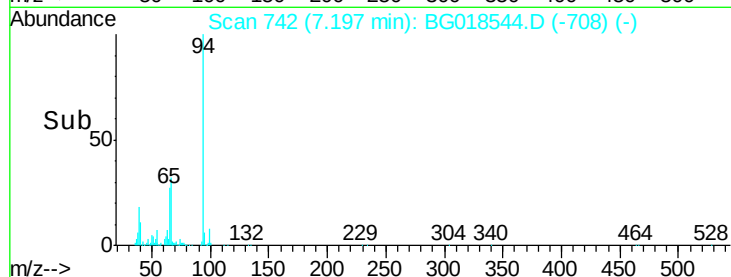
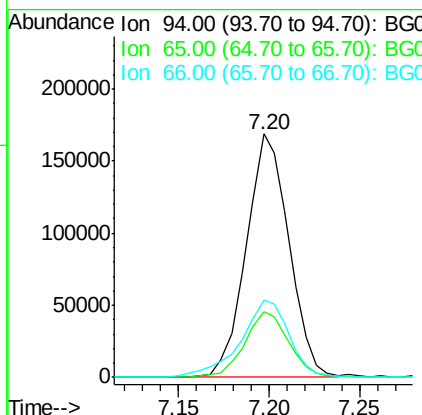
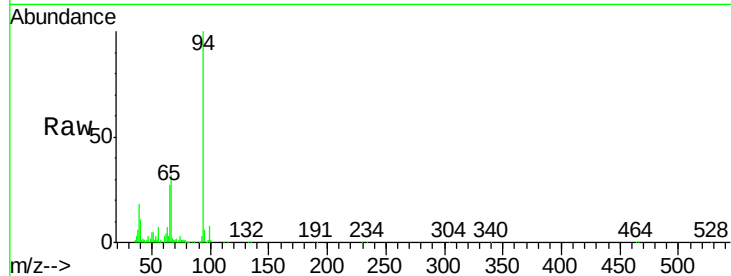
ClientSampleId :

BCTJ1MSD

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Tgt Ion	Ratio	Resp	Lower	Upper
94	100	275917		
65	27.2		23.0	34.6
66	31.7		31.0	46.4



#10

2-Chlorophenol

Concen: 28.04 ng/ul

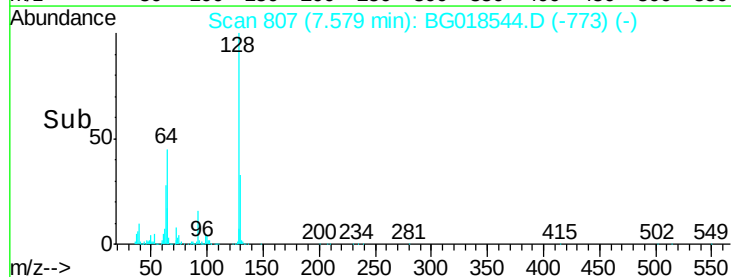
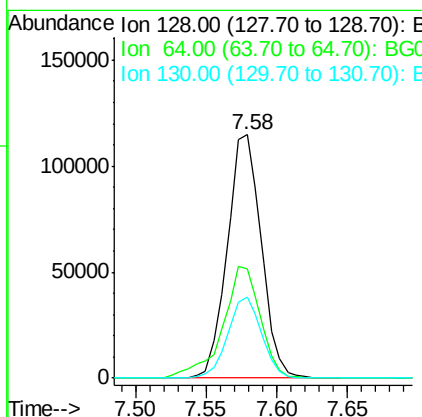
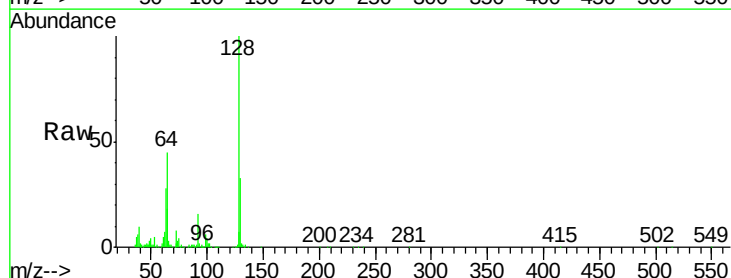
RT: 7.58 min Scan# 807

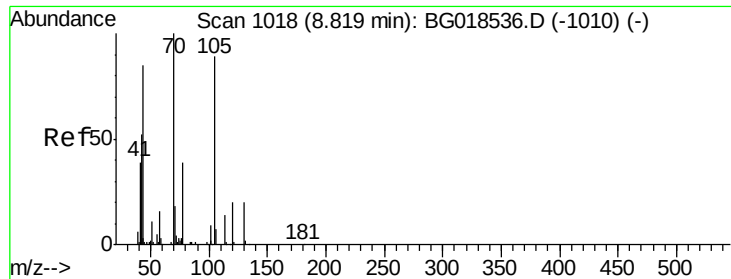
Delta R.T. -0.00 min

Lab File: BG018544.D

Acq: 29 Aug 2015 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	192443		
64	45.1		40.9	61.3
130	33.0		24.5	36.7





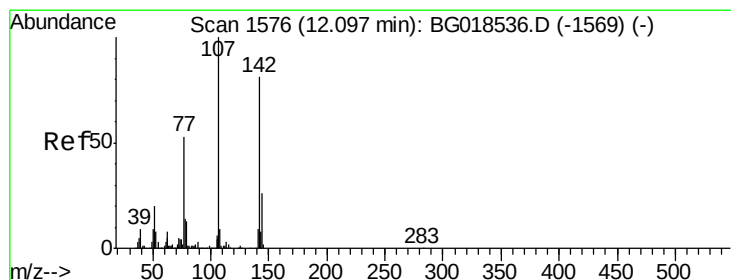
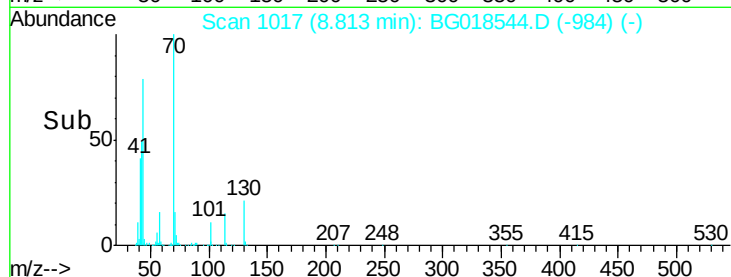
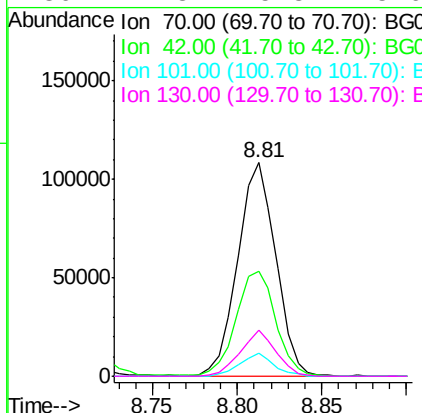
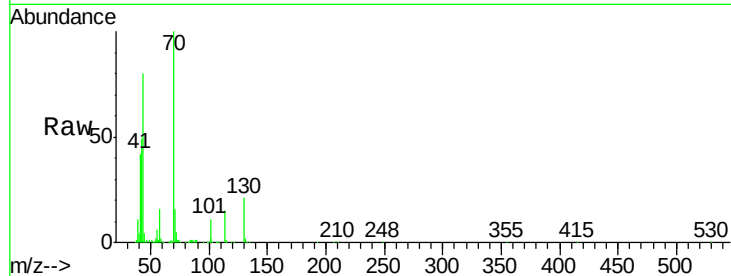
#15
N-Nitroso-di-n-propylamine
Concen: 27.77 ng/ul
RT: 8.81 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG018544.D
Acq: 29 Aug 2015 20:02

Instrument :
BNA_G
ClientSampleId :
BCTJ1MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.3	50.7	76.1#
101	10.5	7.4	11.2
130	21.3	15.8	23.6

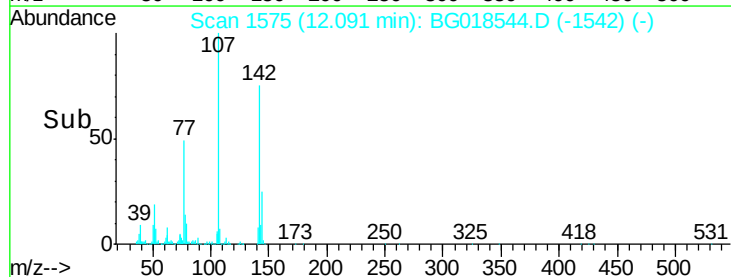
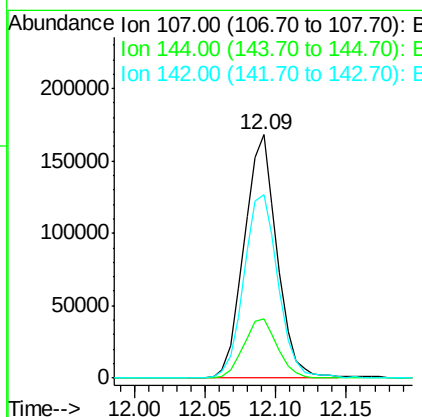
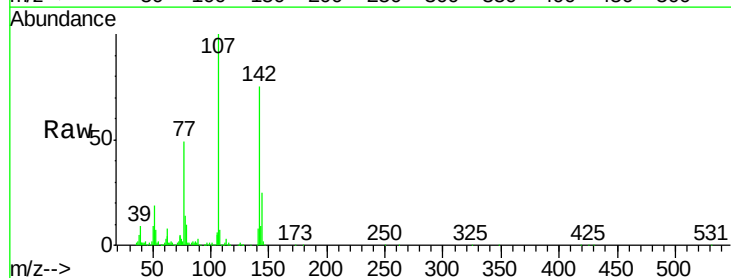
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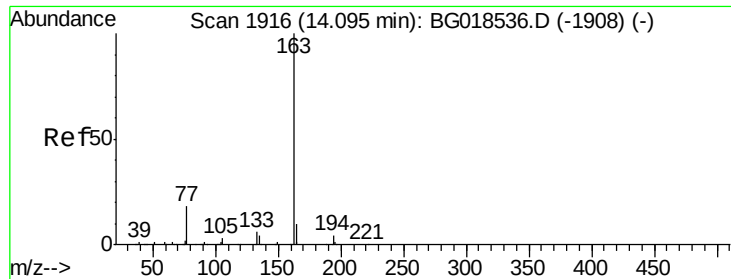
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#33
4-Chloro-3-methylphenol
Concen: 31.79 ng/ul
RT: 12.09 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BG018544.D
Acq: 29 Aug 2015 20:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	21.4	32.2
142	75.1	66.0	99.0





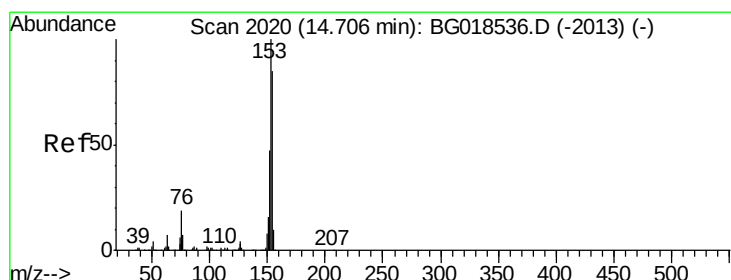
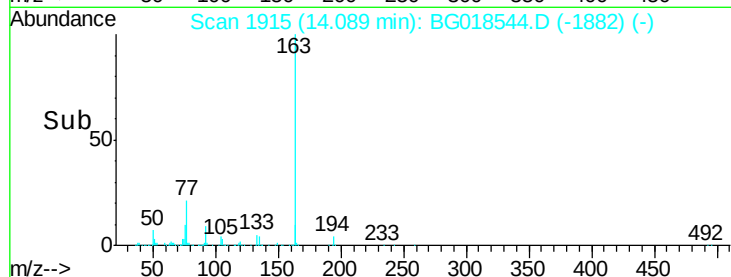
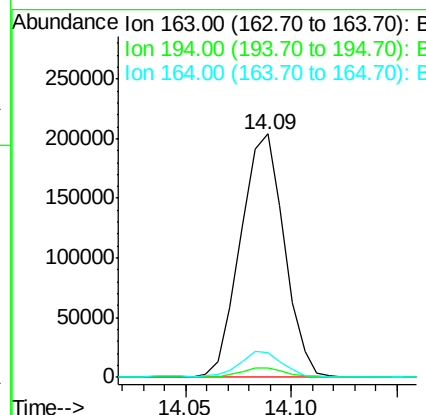
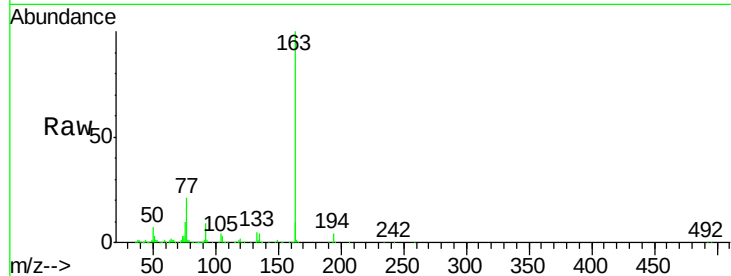
#45
Dimethylphthalate
Concen: 11.24 ng/ul
RT: 14.09 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BG018544.D
Acq: 29 Aug 2015 20:02

Instrument :
BNA_G
ClientSampleId :
BCTJ1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	292461		
194	3.9		2.9	4.3
164	10.0		7.7	11.5

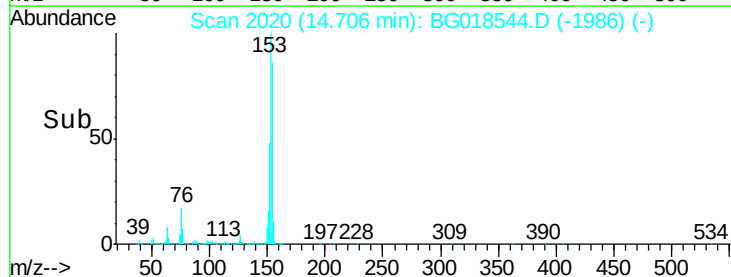
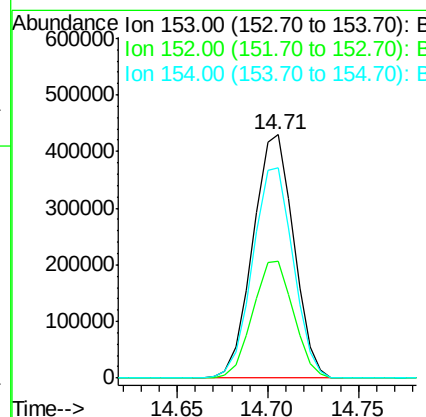
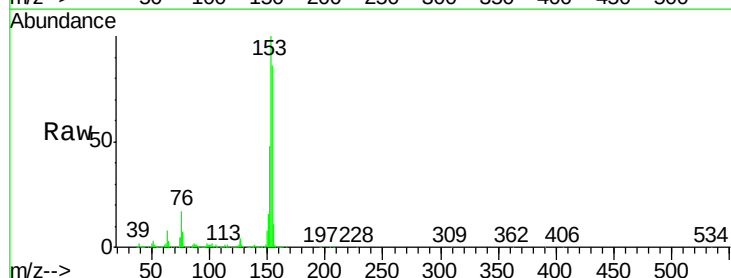
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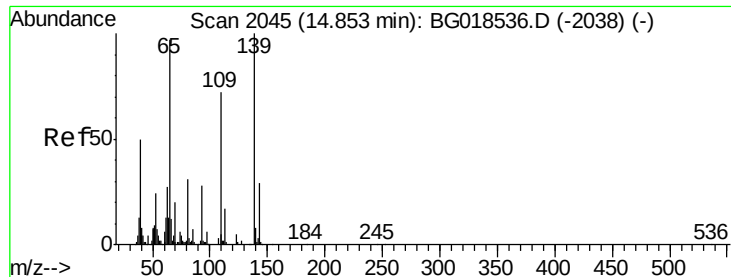
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#50
Acenaphthene
Concen: 28.84 ng/ul
RT: 14.71 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG018544.D
Acq: 29 Aug 2015 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	674003		
152	48.0		38.2	57.4
154	86.4		68.6	103.0





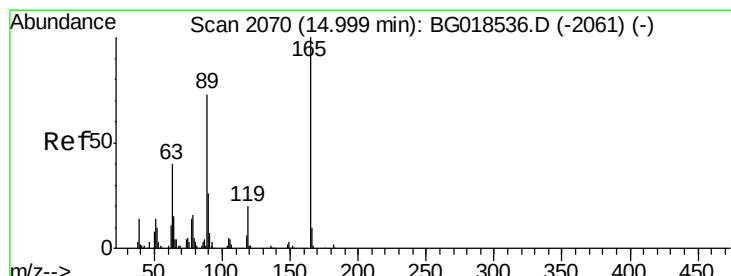
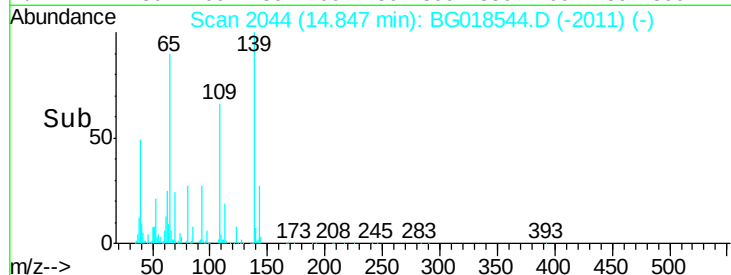
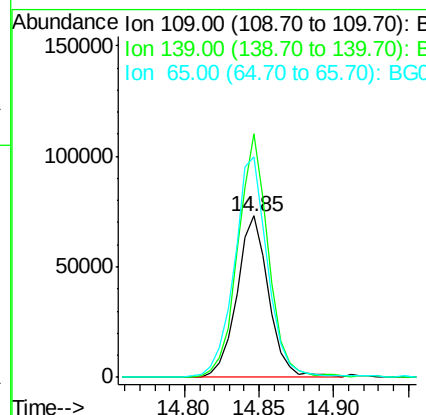
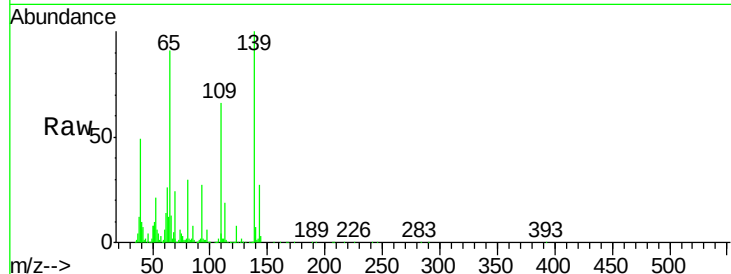
#53
 4-Nitrophenol
 Concen: 26.26 ng/ul
 RT: 14.85 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BG018544.D
 Acq: 29 Aug 2015 20:02

Instrument :
 BNA_G
 ClientSampleId :
 BCTJ1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
109	100			
139	151.1	111.3	166.9	
65	136.9	105.3	157.9	

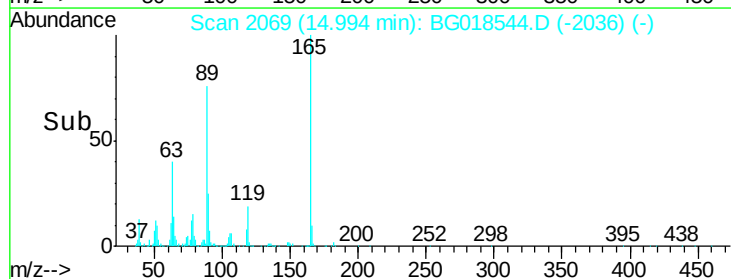
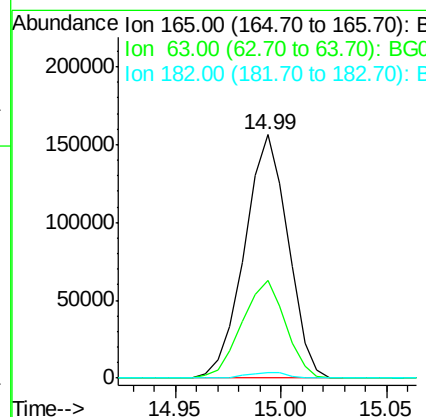
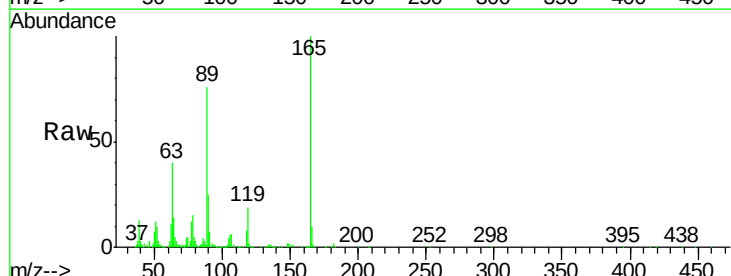
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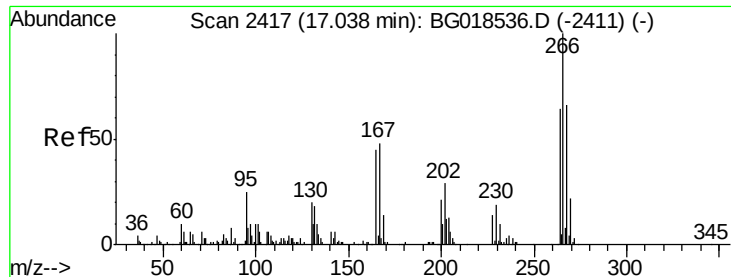
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#55
 2,4-Dinitrotoluene
 Concen: 30.21 ng/ul
 RT: 14.99 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BG018544.D
 Acq: 29 Aug 2015 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.2	36.7	55.1	
182	2.3	2.2	3.2	





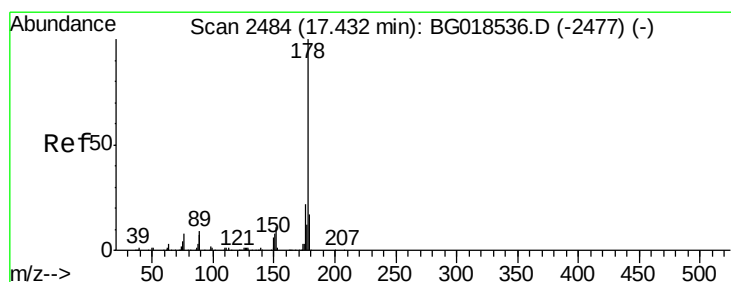
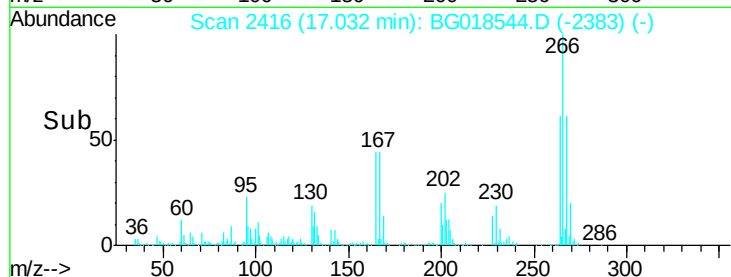
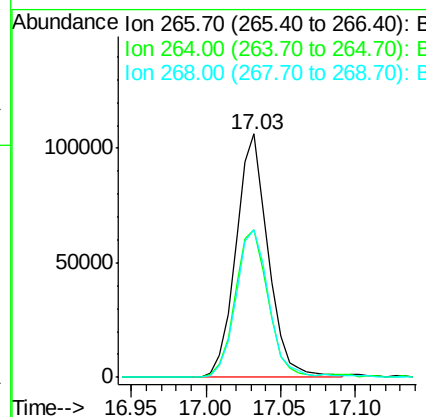
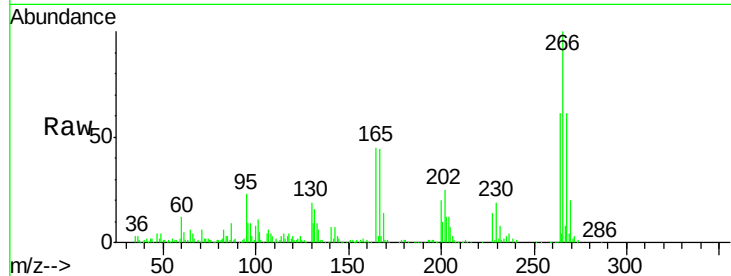
#69
 Pentachlorophenol
 Concen: 27.78 ng/ul
 RT: 17.03 min Scan# 2416
 Delta R.T. -0.01 min
 Lab File: BG018544.D
 Acq: 29 Aug 2015 20:02

Instrument :
 BNA_G
 ClientSampleId :
 BCTJ1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	159013		
264	60.8	55.4	83.0	
268	65.2	53.6	80.4	

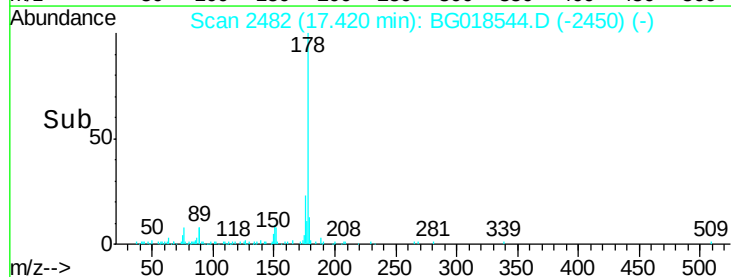
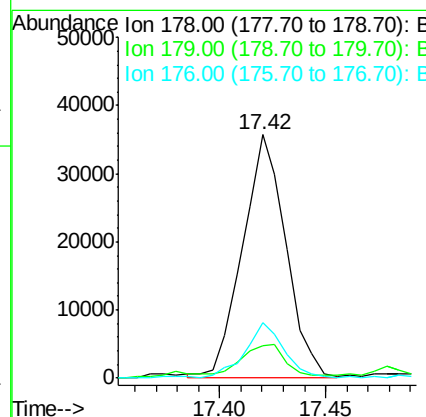
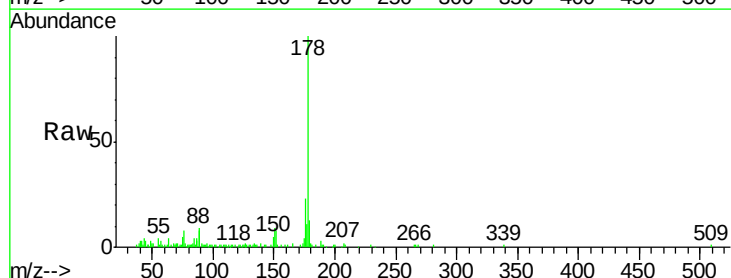
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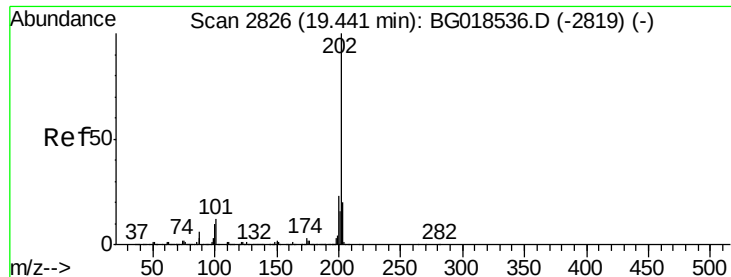
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#70
 Phenanthrene
 Concen: 1.26 ng/ul m
 RT: 17.42 min Scan# 2482
 Delta R.T. -0.01 min
 Lab File: BG018544.D
 Acq: 29 Aug 2015 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	50991		
179	13.5	13.7	20.5#	
176	23.0	16.6	24.8	





#77

Fluoranthene

Concen: 2.95 ng/ul

RT: 19.43 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BG018544.D

Acq: 29 Aug 2015 20:02

Instrument :

BNA_G

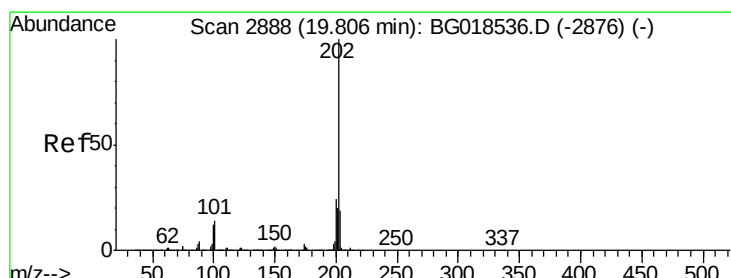
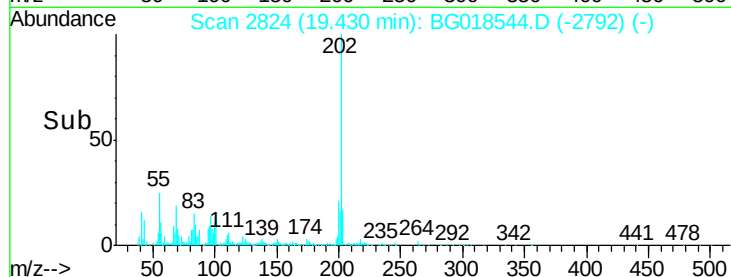
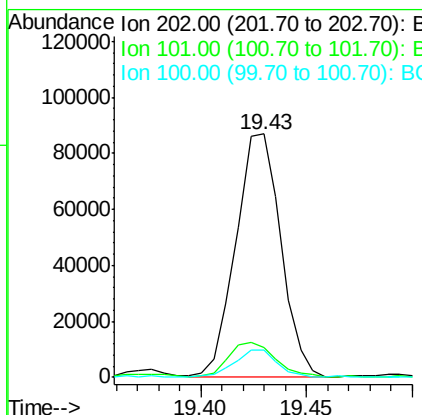
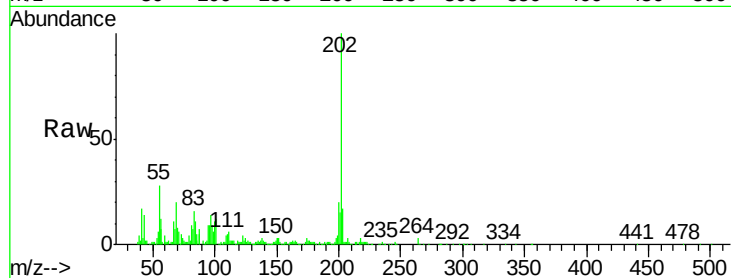
ClientSampleId :

BCTJ1MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100				
101	12.2	9.7	14.5		
100	11.4	7.8	11.8		

Manual Integrations
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#80

Pyrene

Concen: 29.98 ng/ul

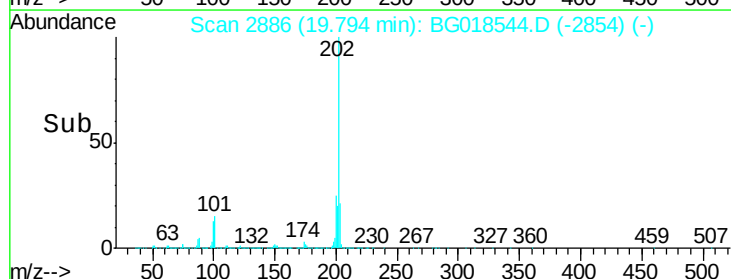
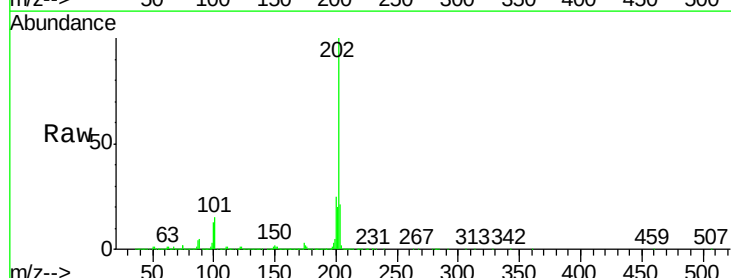
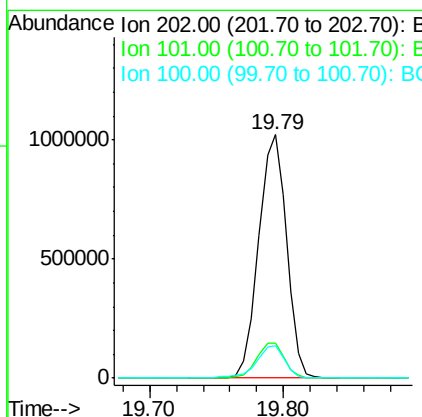
RT: 19.79 min Scan# 2886

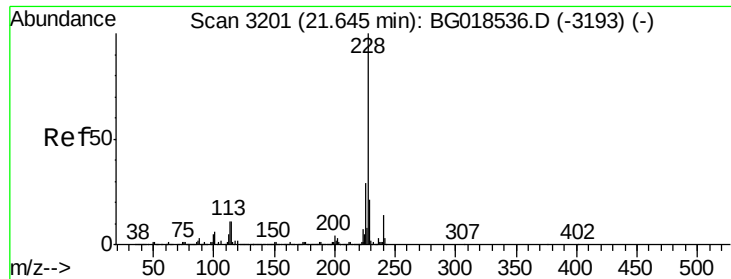
Delta R.T. -0.01 min

Lab File: BG018544.D

Acq: 29 Aug 2015 20:02

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100				
101	14.6	11.0	16.4		
100	13.2	9.8	14.6		





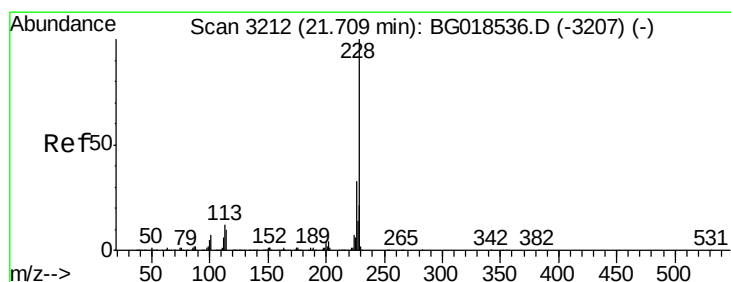
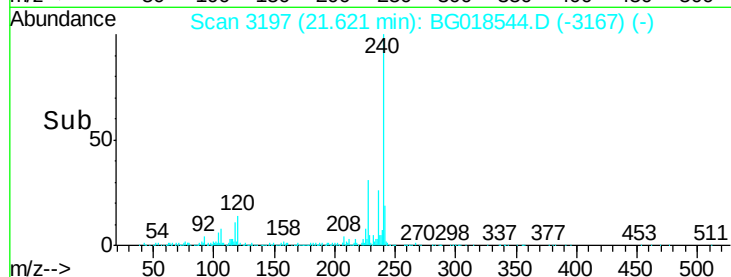
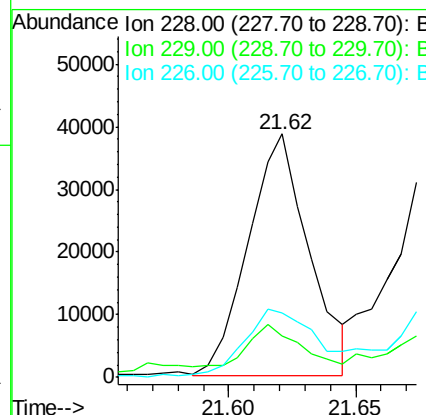
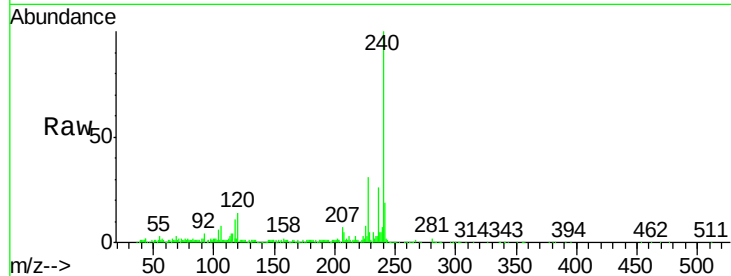
#83
Benzo(a)anthracene
Concen: 1.44 ng/ul
RT: 21.62 min Scan# 3197
Delta R.T. -0.02 min
Lab File: BG018544.D
Acq: 29 Aug 2015 20:02

Instrument :
BNA_G
ClientSampleId :
BCTJ1MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
229	17.1	15.5	23.3
226	26.4	22.1	33.1

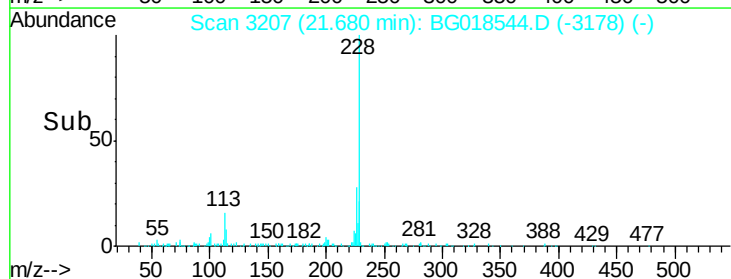
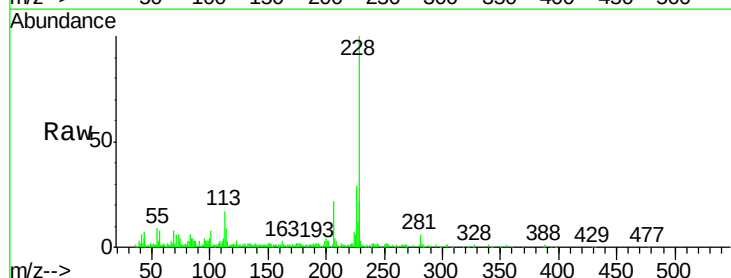
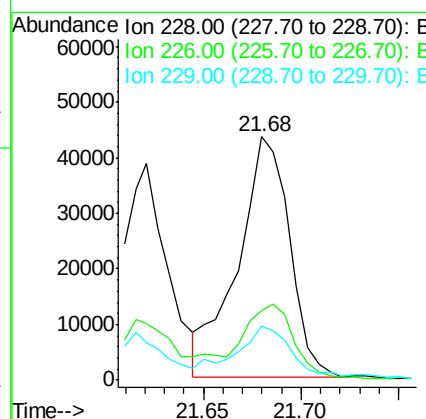
Manual Integrations
APPROVED

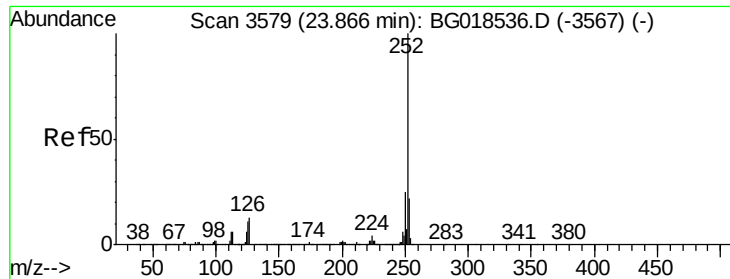
MMDadoda
8/31/2015 1:49:25 PM



#85
Chrysene
Concen: 1.90 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. -0.03 min
Lab File: BG018544.D
Acq: 29 Aug 2015 20:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	26.5	39.7
229	22.1	16.9	25.3





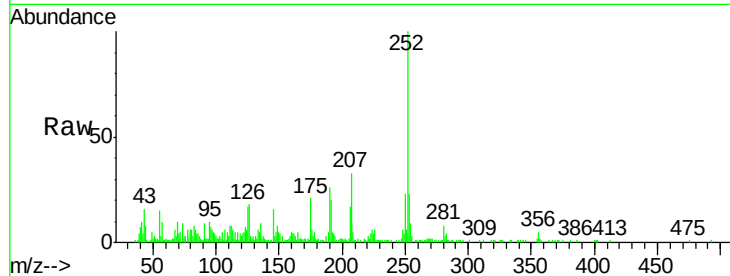
#88
Benzo(b)fluoranthene
Concen: 1.94 ng/ul
RT: 23.81 min Scan# 3570
Delta R.T. -0.05 min
Lab File: BG018544.D
Acq: 29 Aug 2015 20:02

Instrument :
BNA_G
ClientSampleId :
BCTJ1MSD

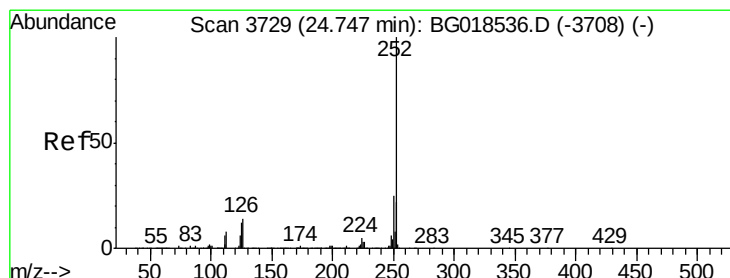
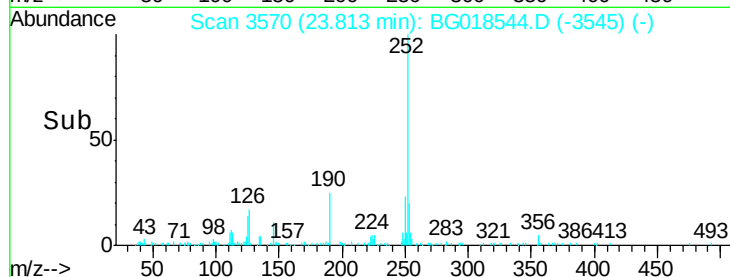
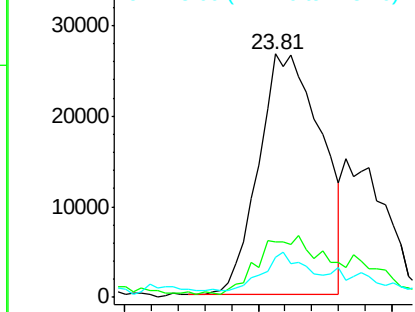
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	86915		
253	22.6	18.1	27.1	
125	16.6	8.3	12.5#	

Manual Integrations
APPROVED

MMDadoda
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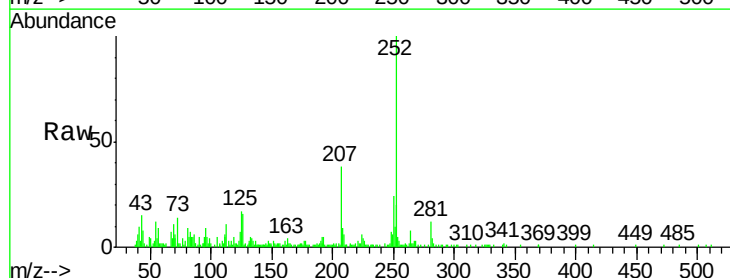


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91
Benzo(a)pyrene
Concen: 1.50 ng/ul
RT: 24.68 min Scan# 3718
Delta R.T. -0.06 min
Lab File: BG018544.D
Acq: 29 Aug 2015 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	63870		
253	20.1	17.7	26.5	
125	17.3	10.2	15.2#	



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

