

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
 Data File : BG018543.D
 Acq On : 29 Aug 2015 19:24
 Operator : UM/MA
 Sample : G3476-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 BCTJ1MS

Manual Integrations
 APPROVED

MMDadoda
 8/31/2015 1:49:18 PM

Quant Time: Aug 31 04:35:51 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	86391	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	426150	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	293482	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	717862	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	714766	20.00	ng/ul	-0.03
86) Perylene-d12	24.84	264	708550	20.00	ng/ul	-0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	8894	4.55	ng/uL	0.00
5) Phenol-d5	7.17	99	248346	31.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	144326	29.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	183101	30.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	209263	31.76	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	102077	30.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	109066	32.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	230594	32.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	198376	24.45	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	728455	29.50	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	918537	29.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	137092	30.87	ng/ul	0.00
58) Fluorene-d10	15.63	176	667351	31.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	95545	27.06	ng/ul	0.00
71) Anthracene-d10	17.48	188	1038145	30.24	ng/ul	-0.01
79) Pyrene-d10	19.76	212	1085186	29.26	ng/ul	-0.01
90) Benzo(a)pyrene-d12	24.62	264	1129354	30.02	ng/ul	-0.06

Target Compounds

						Qvalue
6) Phenol	7.20	94	246990	30.88	ng/ul	92
10) 2-Chlorophenol	7.58	128	178480	29.16	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.81	70	160094	29.32	ng/ul#	86
33) 4-Chloro-3-methylphenol	12.09	107	239021	30.67	ng/ul	99
45) Dimethylphthalate	14.09	163	292197	12.00	ng/ul	98
50) Acenaphthene	14.70	153	605906	27.70	ng/ul	98
53) 4-Nitrophenol	14.84	109	97264	25.19	ng/ul	89
55) 2,4-Dinitrotoluene	14.99	165	191615	27.68	ng/ul	93
69) Pentachlorophenol	17.03	266	140901	25.63	ng/ul	97
70) Phenanthrene	17.42	178	56993	1.46	ng/ul	98
77) Fluoranthene	19.43	202	148103	3.56	ng/ul#	92
80) Pyrene	19.79	202	1420079	29.38	ng/ul	96
83) Benzo(a)anthracene	21.62	228	72587m	1.64	ng/ul	
85) Chrysene	21.68	228	90685	2.19	ng/ul	97
88) Benzo(b)fluoranthene	23.83	252	94858	2.13	ng/ul#	93
91) Benzo(a)pyrene	24.69	252	71449	1.69	ng/ul#	96
94) Benzo(g,h,i)perylene	29.59	276	46213m	1.12	ng/ul	

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

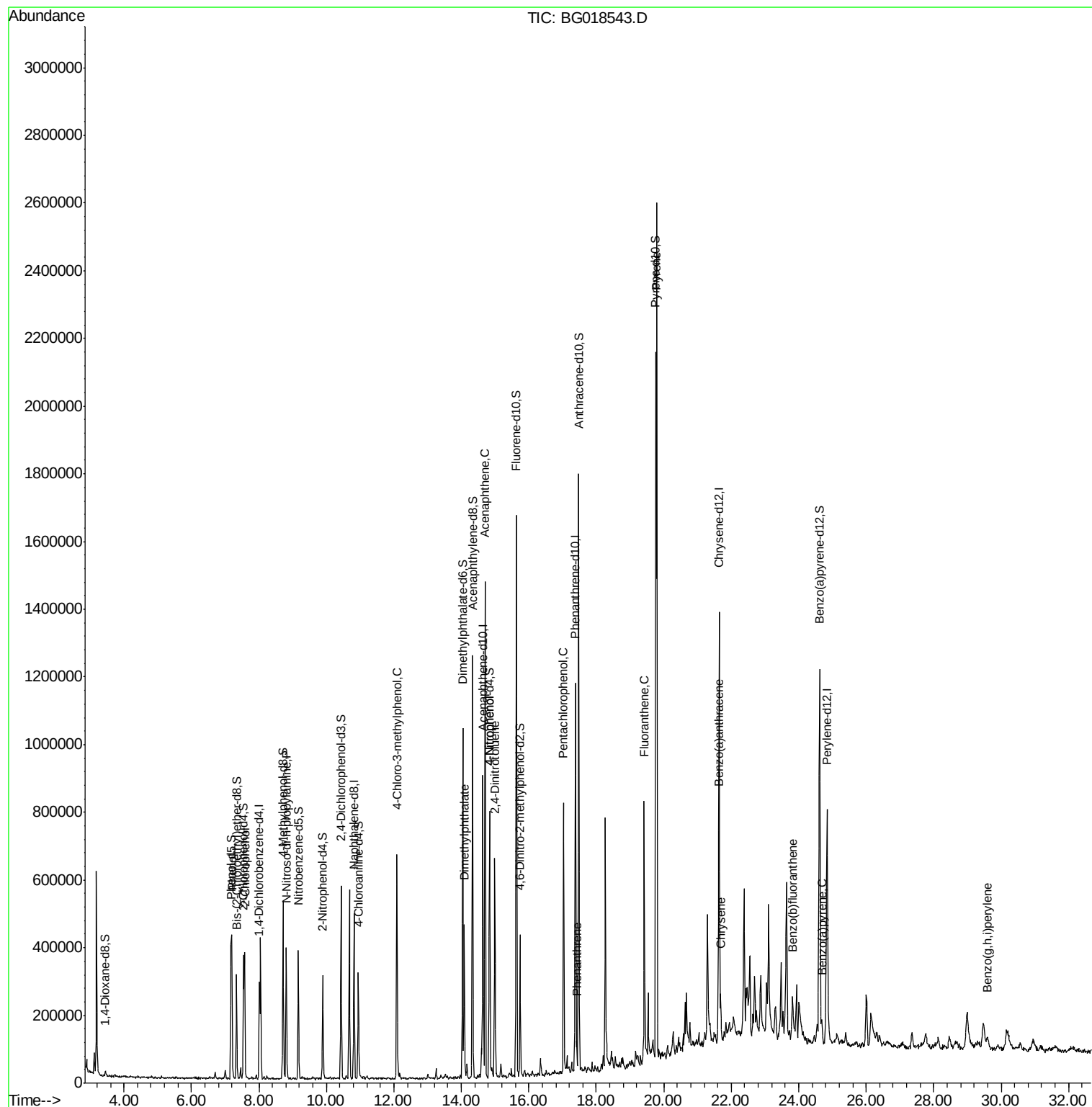
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018543.D
Acq On : 29 Aug 2015 19:24
Operator : UM/MA
Sample : G3476-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

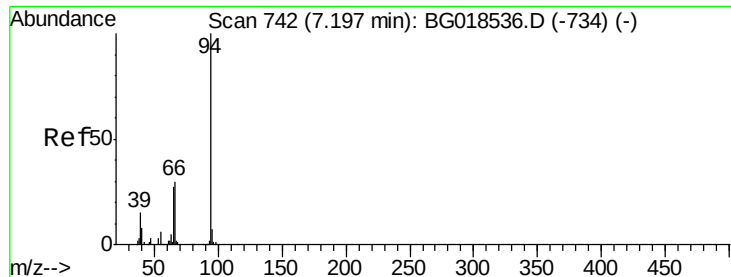
Instrument :
BNA_G
ClientSampleId :
BCTJ1MS

Manual Integrations
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Quant Time: Aug 31 04:35:51 2015
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 03:36:12 2015
Response via : Initial Calibration





#6

Phenol

Concen: 30.88 ng/ul

RT: 7.20 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG018543.D

Acq: 29 Aug 2015 19:24

Instrument :

BNA_G

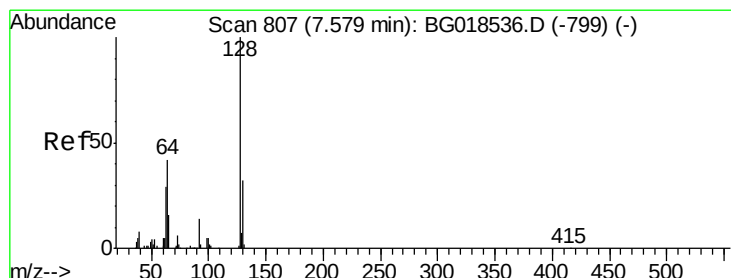
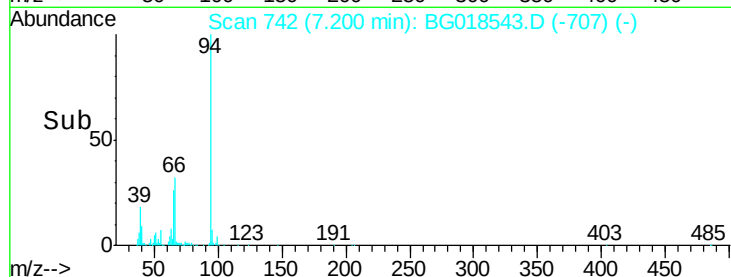
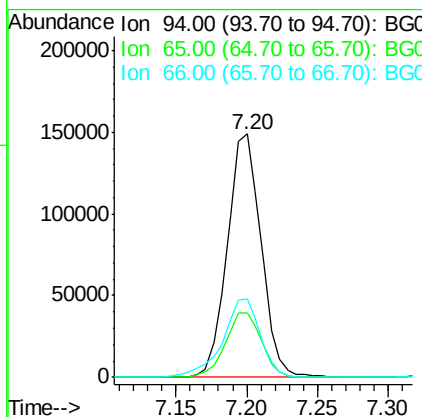
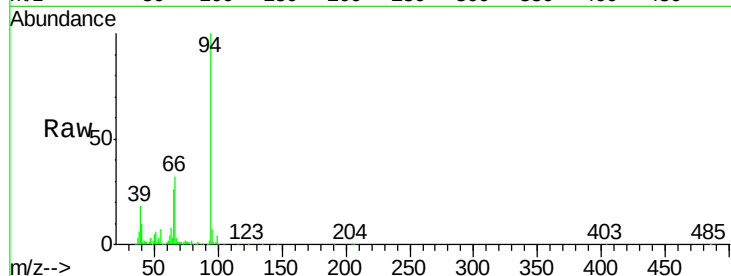
ClientSampleId :

BCTJ1MS

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Tgt Ion	Ratio	Resp	Lower	Upper
94	100	246990		
65	26.2	23.0	34.6	
66	32.1	31.0	46.4	



#10

2-Chlorophenol

Concen: 29.16 ng/ul

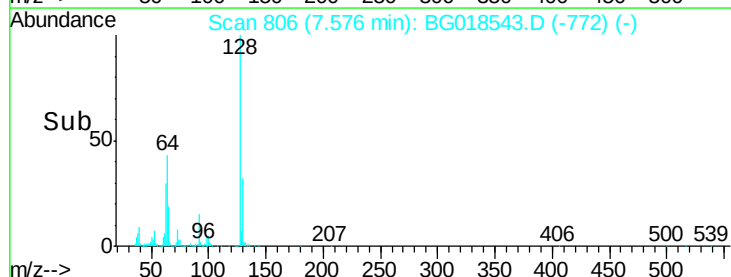
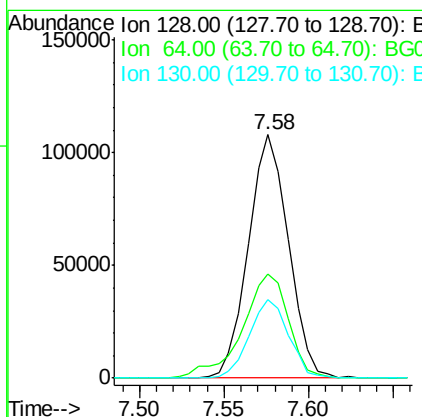
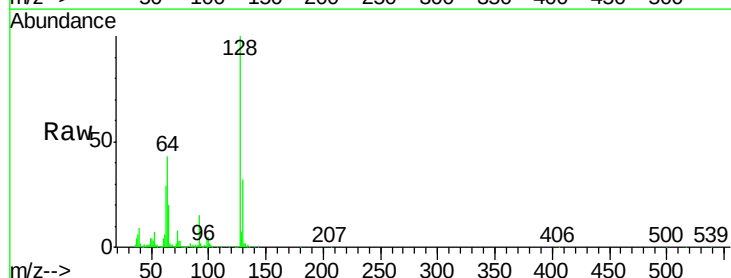
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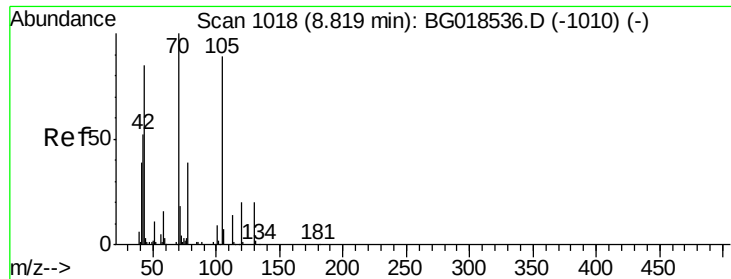
Delta R.T. -0.00 min

Lab File: BG018543.D

Acq: 29 Aug 2015 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	178480		
64	43.0	40.9	61.3	
130	32.1	24.5	36.7	





#15

N-Nitroso-di-n-propylamine

Concen: 29.32 ng/ul

RT: 8.81 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BG018543.D

Acq: 29 Aug 2015 19:24

Instrument :

BNA_G

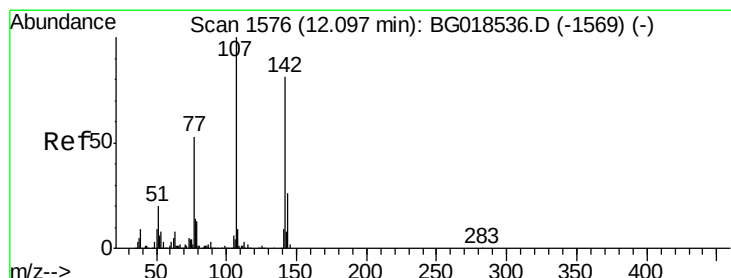
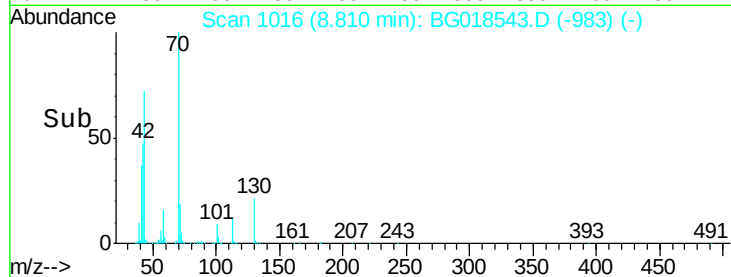
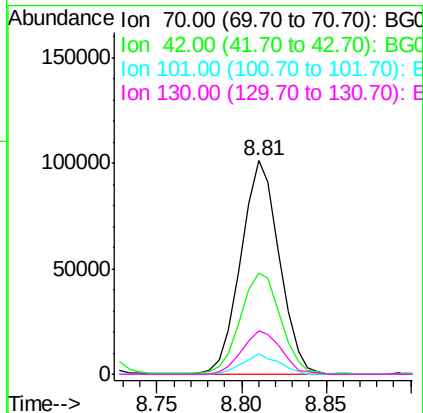
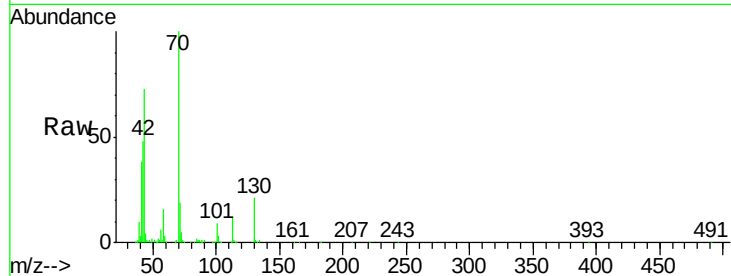
ClientSampleId :

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Tgt Ion:	70	Resp:	160094
Ion Ratio	Lower	Upper	
70	100		
42	47.6	50.7	76.1#
101	9.5	7.4	11.2
130	20.6	15.8	23.6



#33

4-Chloro-3-methylphenol

Concen: 30.67 ng/ul

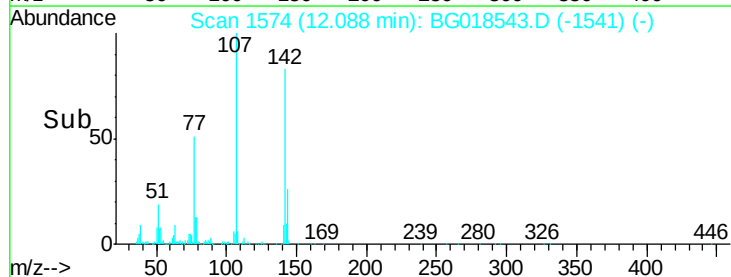
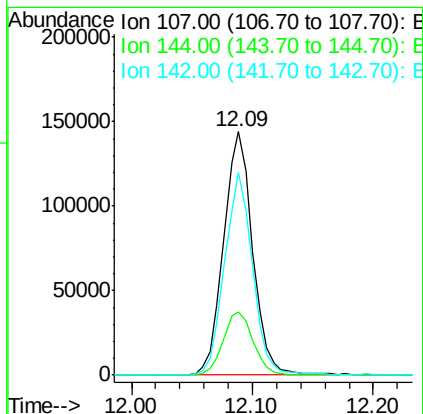
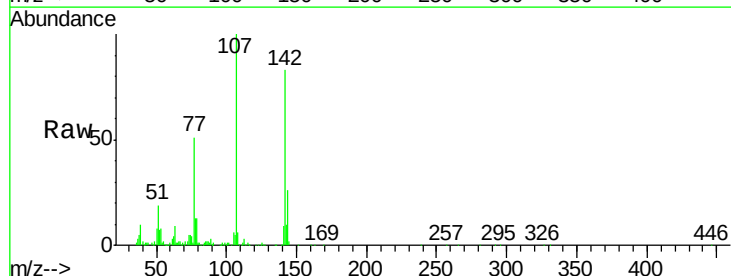
RT: 12.09 min Scan# 1574

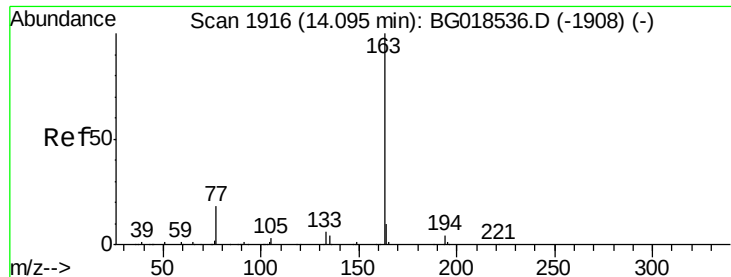
Delta R.T. -0.01 min

Lab File: BG018543.D

Acq: 29 Aug 2015 19:24

Tgt Ion:	107	Resp:	239021
Ion Ratio	Lower	Upper	
107	100		
144	26.1	21.4	32.2
142	83.4	66.0	99.0





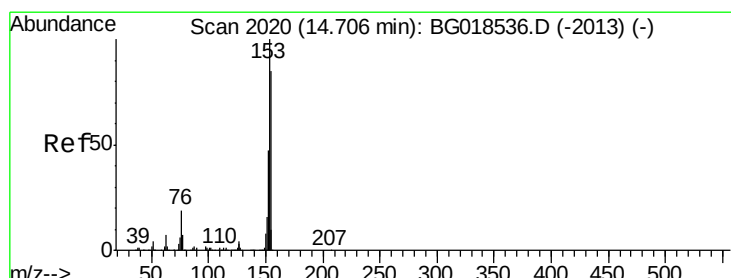
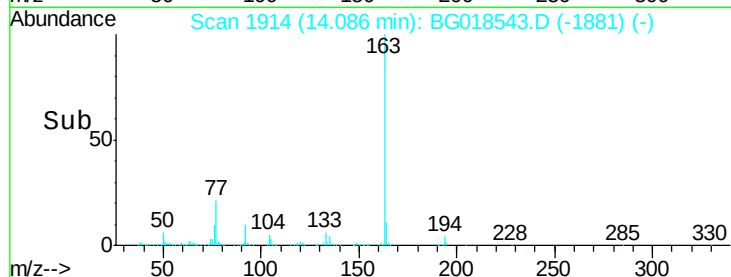
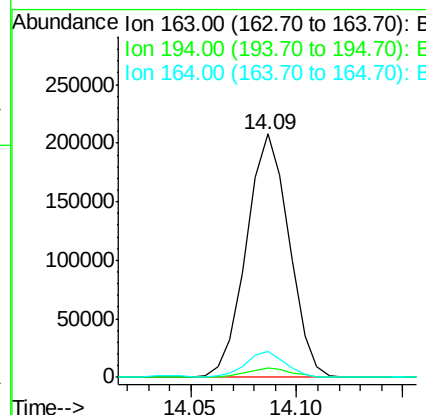
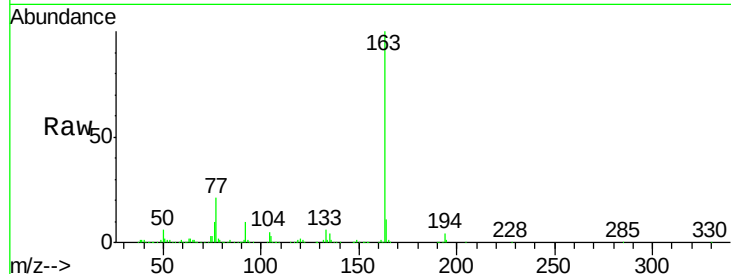
#45
Dimethylphthalate
Concen: 12.00 ng/ul
RT: 14.09 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Instrument :
BNA_G
ClientSampleId :
BCTJ1MS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	292197		
194	4.0	2.9	4.3	
164	10.7	7.7	11.5	

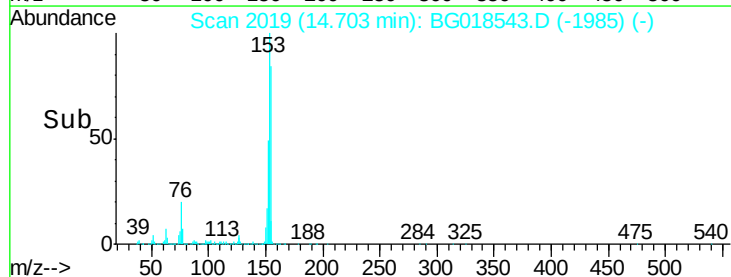
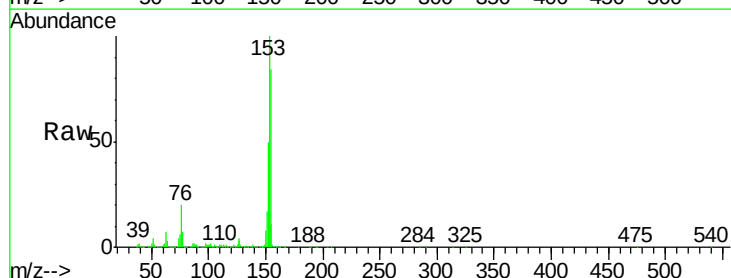
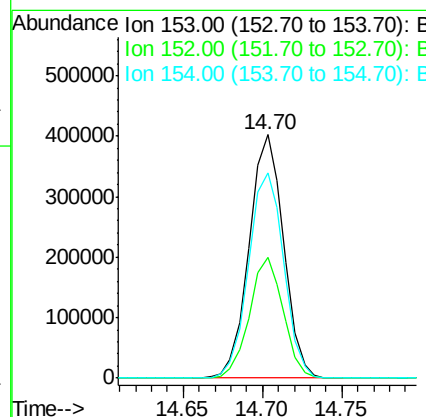
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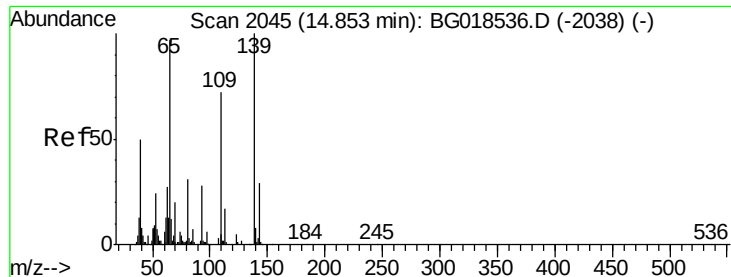
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#50
Acenaphthene
Concen: 27.70 ng/ul
RT: 14.70 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	605906		
152	49.5	38.2	57.4	
154	84.1	68.6	103.0	





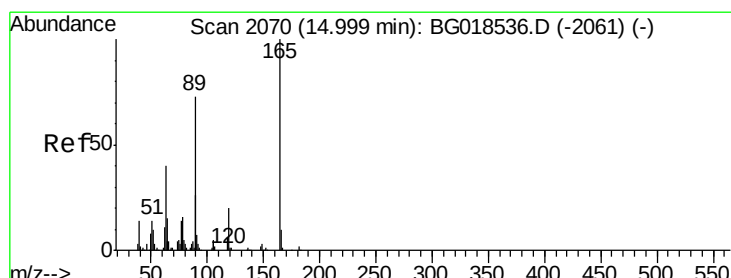
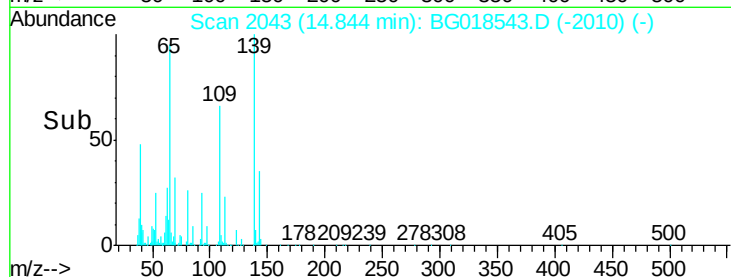
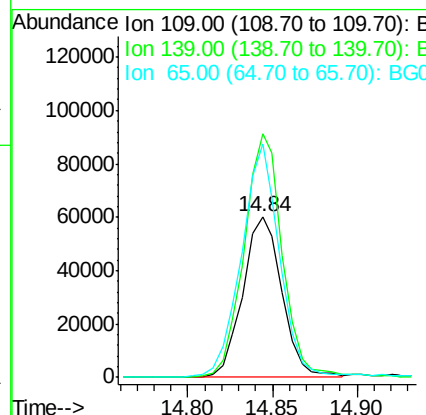
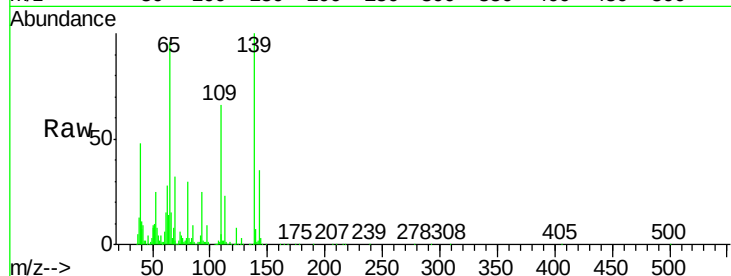
#53
4-Nitrophenol
Concen: 25.19 ng/ul
RT: 14.84 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Instrument :
BNA_G
ClientSampleId :
BCTJ1MS

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	97264		
139	151.5	111.3	166.9	
65	145.0	105.3	157.9	

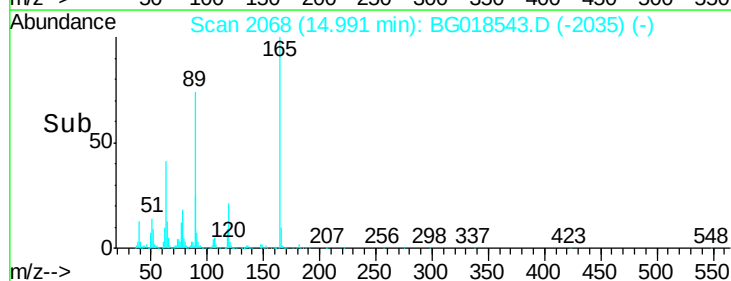
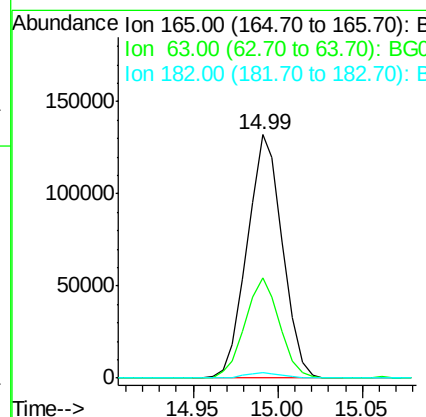
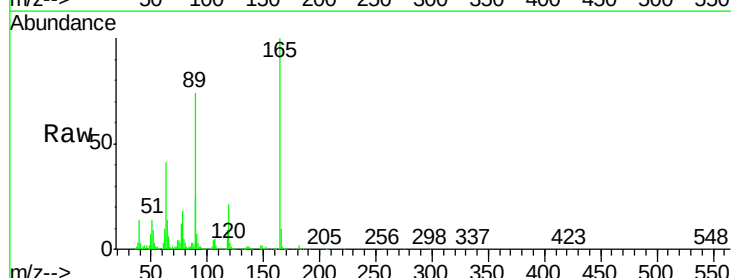
Manual Integrations
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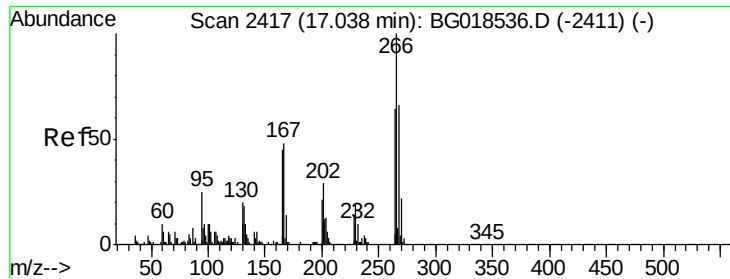
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#55
2,4-Dinitrotoluene
Concen: 27.68 ng/ul
RT: 14.99 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	191615		
63	41.3	36.7	55.1	
182	2.4	2.2	3.2	





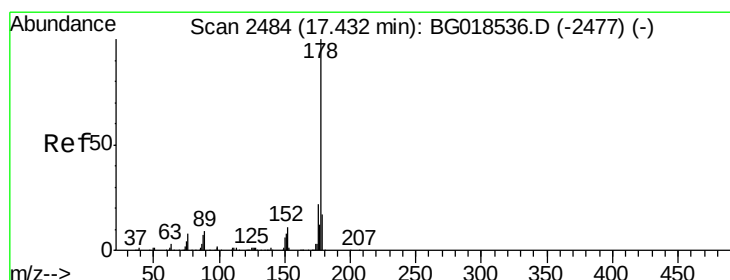
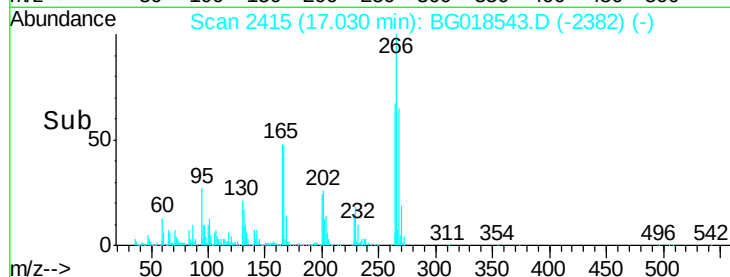
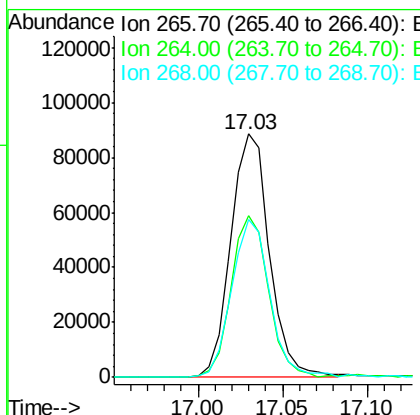
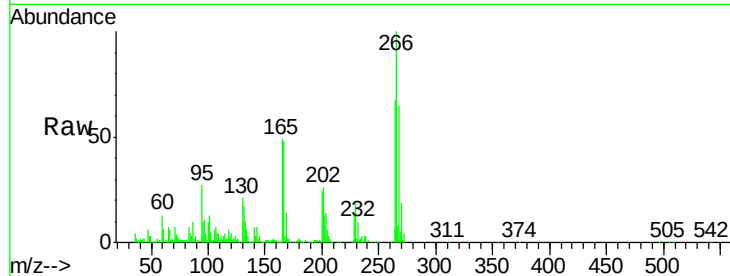
#69
 Pentachlorophenol
 Concen: 25.63 ng/ul
 RT: 17.03 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG018543.D
 Acq: 29 Aug 2015 19:24

Instrument :
 BNA_G
 ClientSampleId :
 BCTJ1MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	140901		
264	72.5	55.4	83.0	
268	64.9	53.6	80.4	

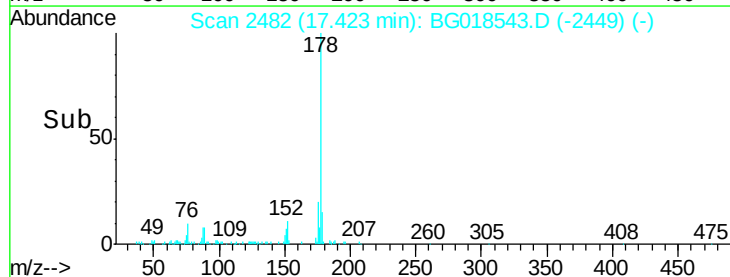
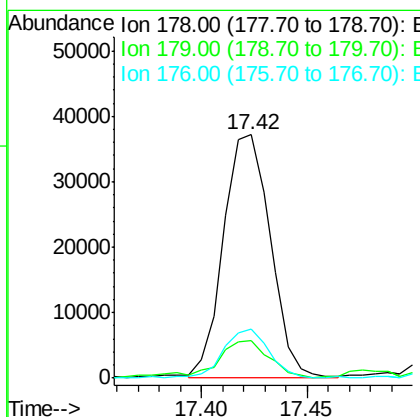
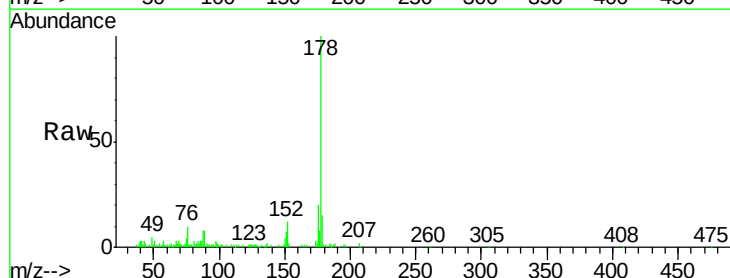
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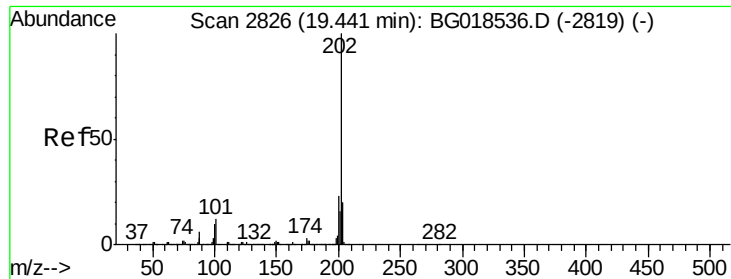
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#70
 Phenanthrene
 Concen: 1.46 ng/ul
 RT: 17.42 min Scan# 2482
 Delta R.T. -0.01 min
 Lab File: BG018543.D
 Acq: 29 Aug 2015 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	56993		
179	15.3	13.7	20.5	
176	20.2	16.6	24.8	





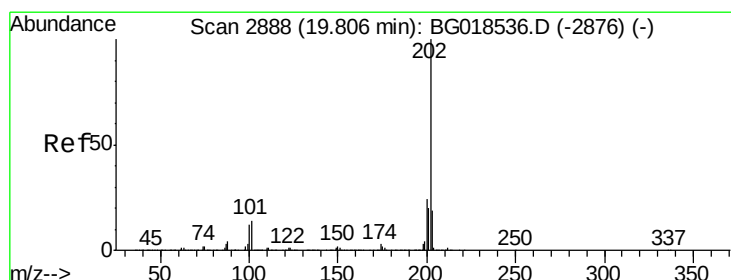
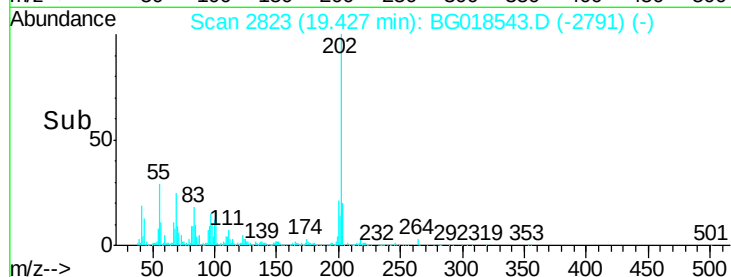
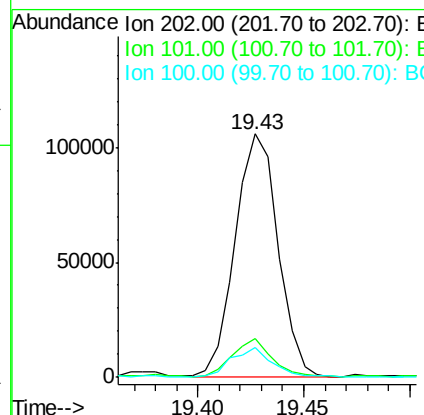
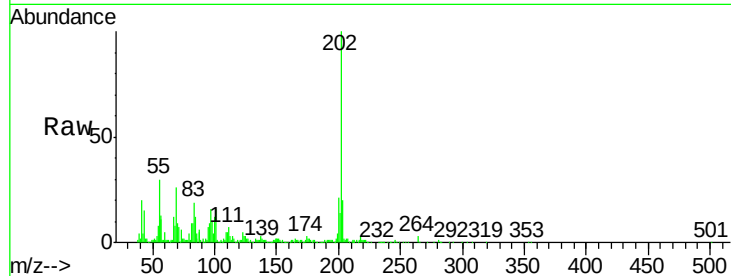
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 Fluoranthene
 Concen: 3.56 ng/ul
 RT: 19.43 min Scan# 2823
 Delta R.T. -0.01 min
 Lab File: BG018543.D
 Acq: 29 Aug 2015 19:24

Instrument :
 BNA_G
 ClientSampleId :
 BCTJ1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	16.0	9.7	14.5#
100	12.0	7.8	11.8#

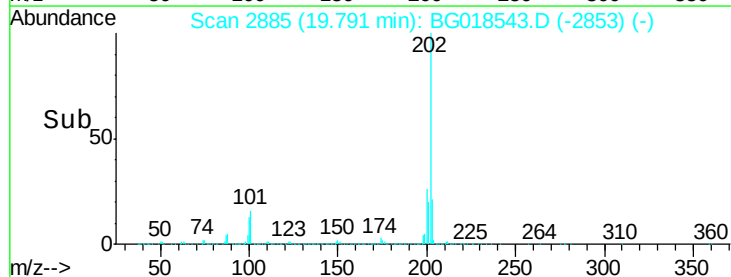
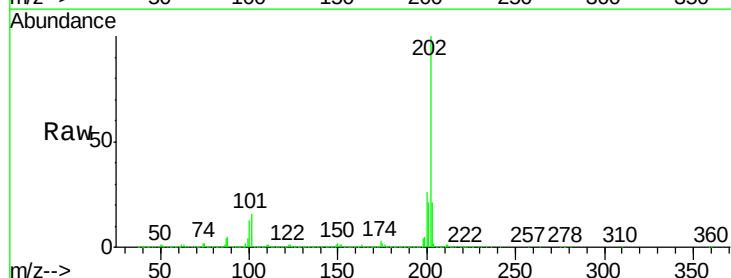
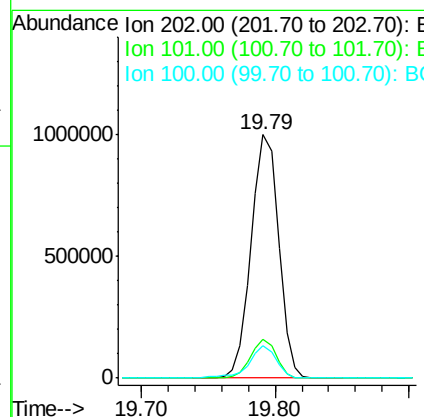
Manual Integrations
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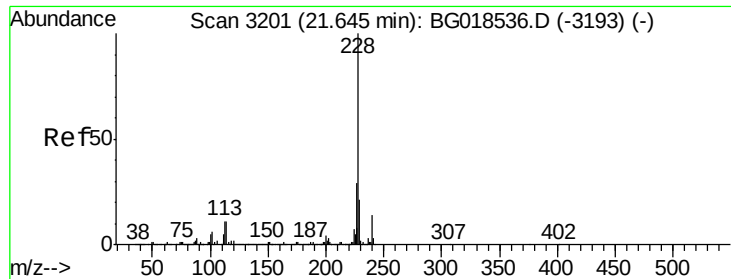
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#80
 Pyrene
 Concen: 29.38 ng/ul
 RT: 19.79 min Scan# 2885
 Delta R.T. -0.01 min
 Lab File: BG018543.D
 Acq: 29 Aug 2015 19:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	16.0	11.0	16.4
100	13.4	9.8	14.6





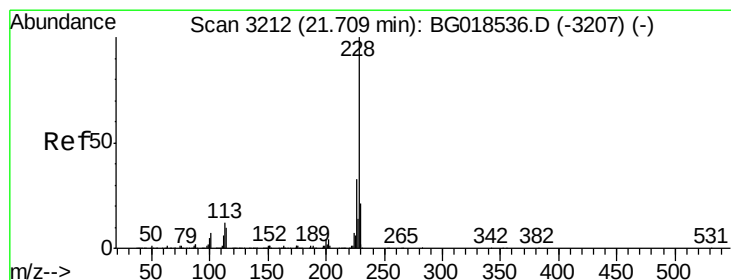
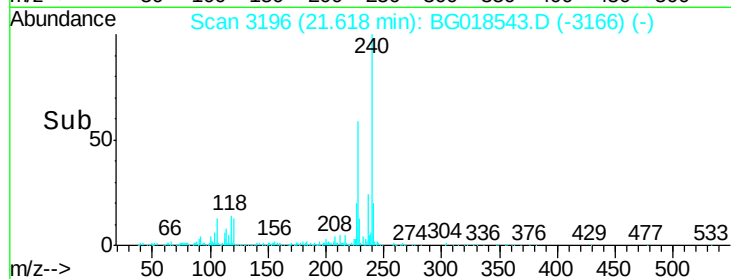
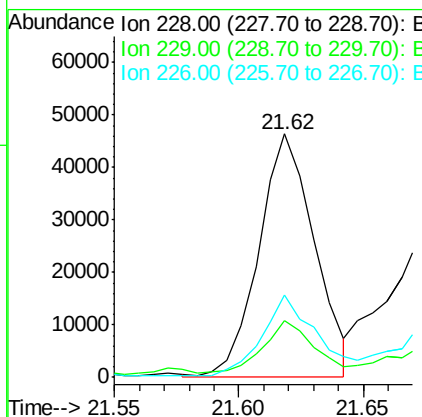
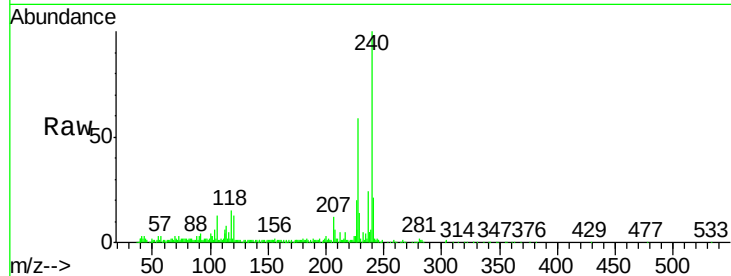
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Benzo(a)anthracene
Concen: 1.64 ng/ul m
RT: 21.62 min Scan# 3196
Delta R.T. -0.03 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Instrument :
BNA_G
ClientSampleId :
BCTJ1MS

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.1	15.5	23.3
226	33.7	22.1	33.1#

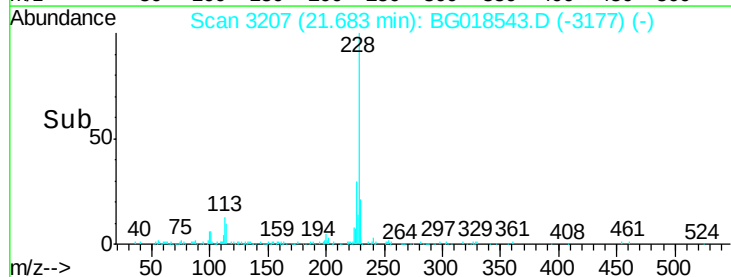
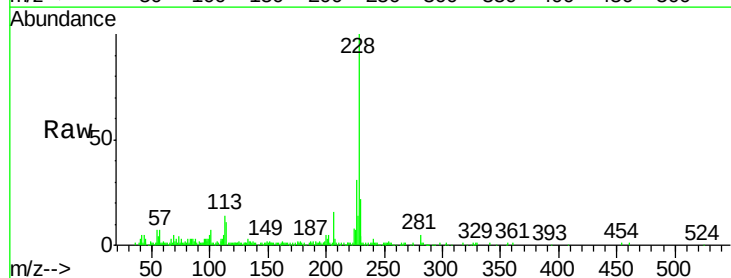
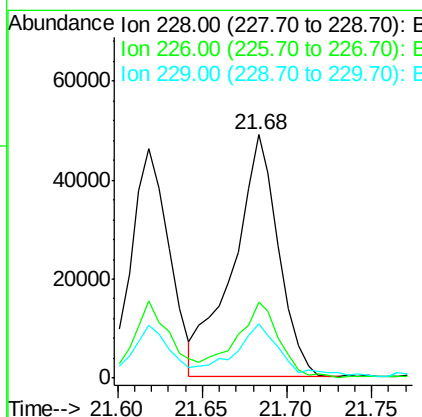
Manual Integrations
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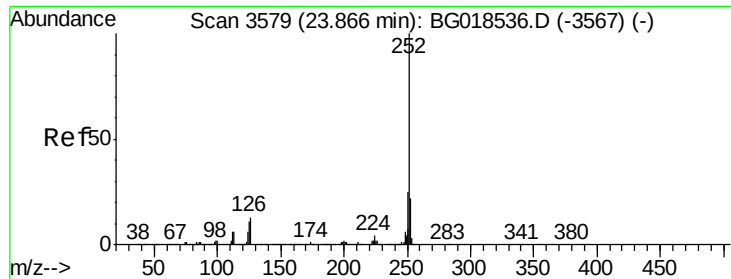
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#85
Chrysene
Concen: 2.19 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. -0.03 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	26.5	39.7
229	22.4	16.9	25.3





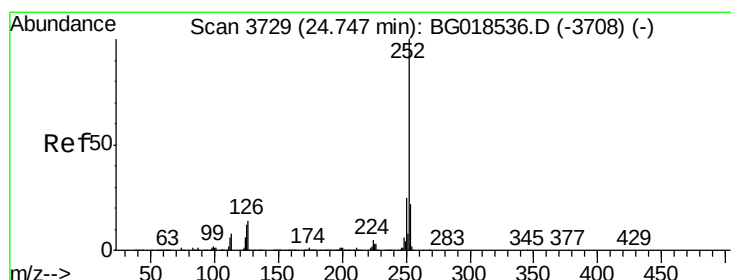
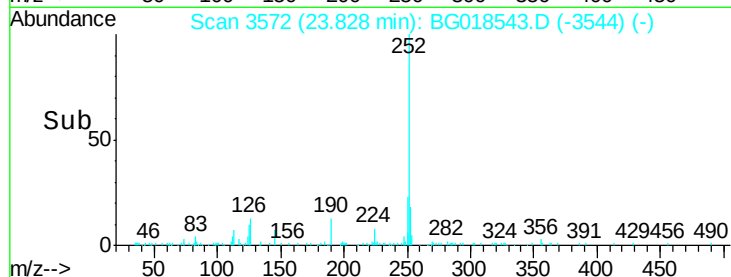
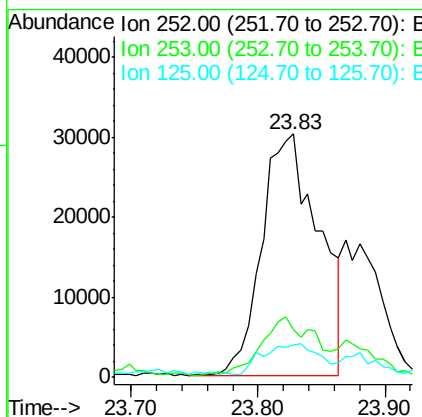
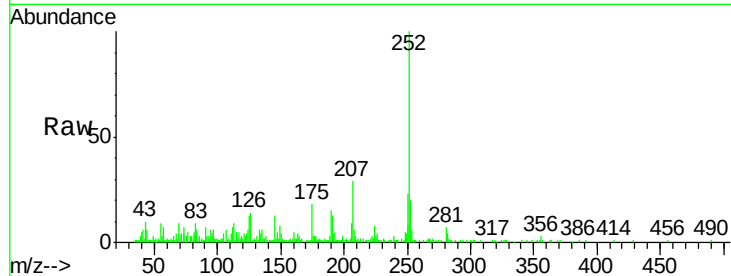
#88
Benzo(b)fluoranthene
Concen: 2.13 ng/ul
RT: 23.83 min Scan# 3572
Delta R.T. -0.04 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Instrument :
BNA_G
ClientSampleId :
BCTJ1MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.5	18.1	27.1
125	13.1	8.3	12.5

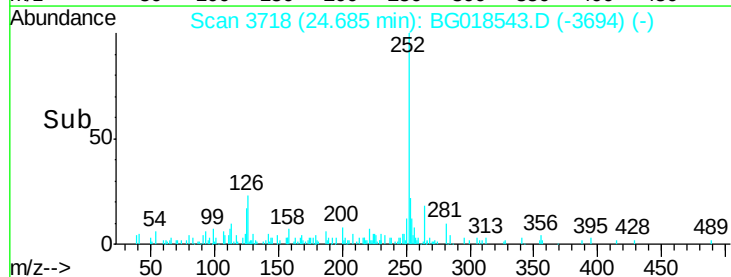
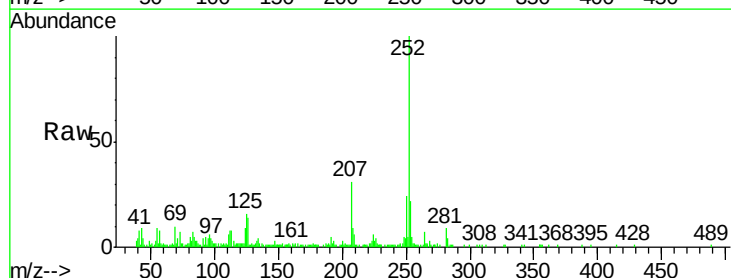
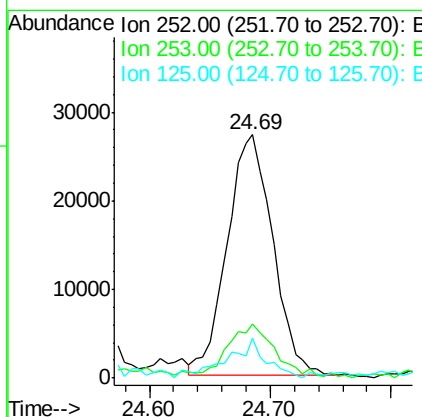
Manual Integrations
APPROVED

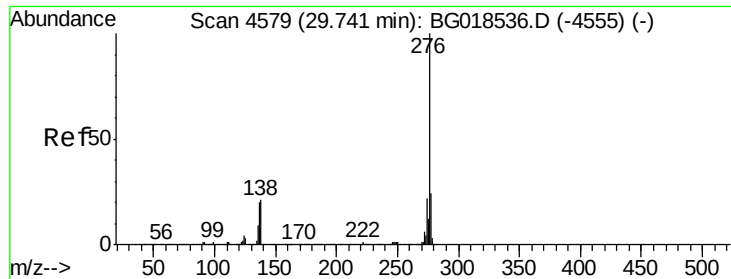
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#91
Benzo(a)pyrene
Concen: 1.69 ng/ul
RT: 24.69 min Scan# 3718
Delta R.T. -0.06 min
Lab File: BG018543.D
Acq: 29 Aug 2015 19:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	16.5	10.2	15.2





#94

Benzo(g,h,i)perylene

Concen: 1.12 ng/ul m

RT: 29.59 min Scan# 4552

Delta R.T. -0.16 min

Lab File: BG018543.D

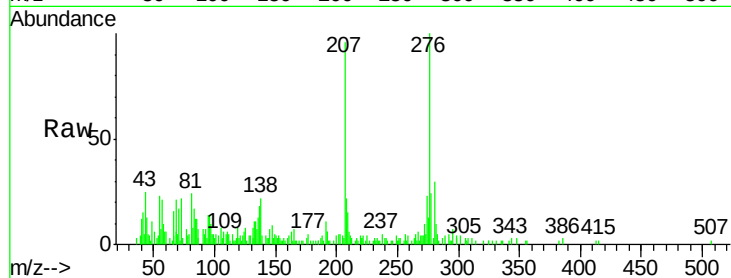
Acq: 29 Aug 2015 19:24

Instrument :

BNA_G

ClientSampleId :

BCTJ1MS



Tgt Ion:	276	Resp:	46213
Ion Ratio	Lower	Upper	
276	100		
138	21.8	16.5	24.7
277	23.8	19.0	28.6

Manual Integrations
APPROVED

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