

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
 Data File : BG021916.D
 Acq On : 16 May 2016 21:25
 Operator : UM/SJ
 Sample : H3095-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XE4

Manual Integrations
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Quant Time: May 17 03:46:16 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 17 01:35:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	62808	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	294363	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	167953	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	339154	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	329001	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	322498	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	5074	3.90	ng/uL	0.00
5) Phenol-d5	7.32	99	109200	23.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	49978	21.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	99744	27.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	91095	23.27	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	50118	25.90	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	55724	45.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	97833	28.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	75117m	20.17	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	295344	25.04	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	412156	24.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	43217m	21.37	ng/ul	0.01
58) Fluorene-d10	15.78	176	276130	22.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	28884	30.74	ng/ul	0.00
71) Anthracene-d10	17.64	188	377238	22.85	ng/ul	0.00
77) Pyrene-d10	19.92	212	389735	25.31	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	365985	23.88	ng/ul	0.02

Target Compounds

						Ovalue
28) Naphthalene	11.04	128	21006	1.42	ng/ul	98
34) 2-Methylnaphthalene	12.64	142	13192	1.21	ng/ul	93
35) 1-Methylnaphthalene	12.85	142	10923	1.01	ng/ul#	98
45) Dimethylphthalate	14.23	163	74647	6.21	ng/ul	99
70) Phenanthrene	17.58	178	168692	9.10	ng/ul	96
72) Anthracene	17.67	178	28950	1.54	ng/ul	99
73) Carbazole	17.94	167	16998	1.04	ng/ul	96
75) Fluoranthene	19.58	202	323764	15.37	ng/ul	96
78) Pvrene	19.94	202	279606	14.69	ng/ul	96
79) Butylbenzylphthalate	20.81	149	6253	1.49	ng/ul#	82
81) Benzo(a)anthracene	21.80	228	163208	8.91	ng/ul	95
82) Bis(2-ethylhexyl)phthalate	21.69	149	528721	76.97	ng/ul	94
83) Chrysene	21.87	228	167626	9.26	ng/ul	96
86) Benzo(b)fluoranthene	24.10	252	258442	14.00	ng/ul#	96
87) Benzo(k)fluoranthene	24.16	252	85410m	4.32	ng/ul	
89) Benzo(a)pyrene	25.01	252	155291	8.45	ng/ul#	93
90) Indeno(1,2,3-cd)pyrene	29.00	276	104015m	4.78	ng/ul	
92) Benzo(g,h,i)perylene	30.21	276	89120m	4.96	ng/ul	

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

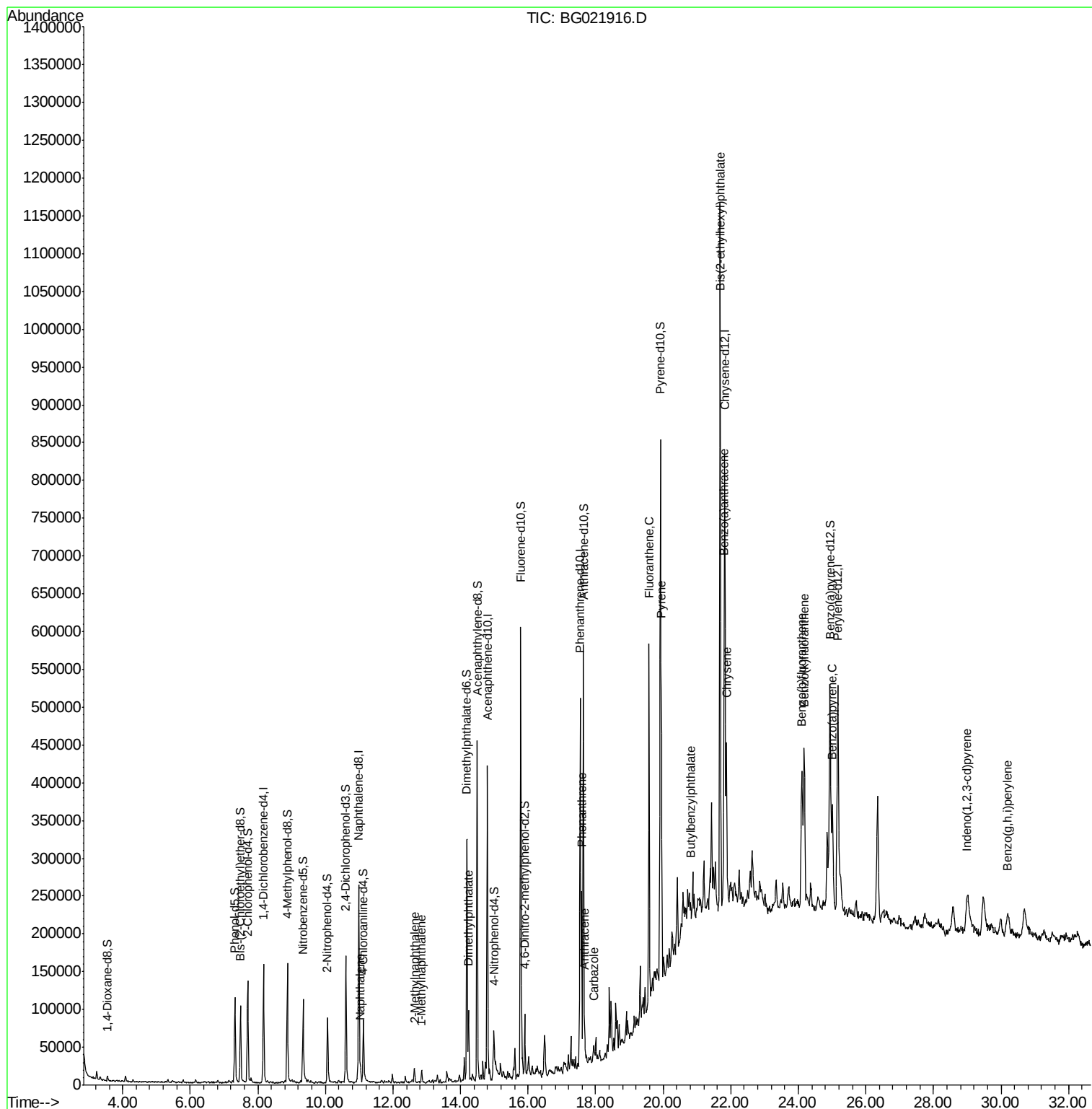
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021916.D
Acq On : 16 May 2016 21:25
Operator : UM/SJ
Sample : H3095-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

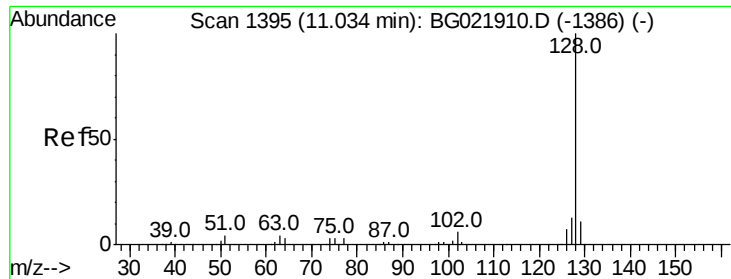
Instrument :
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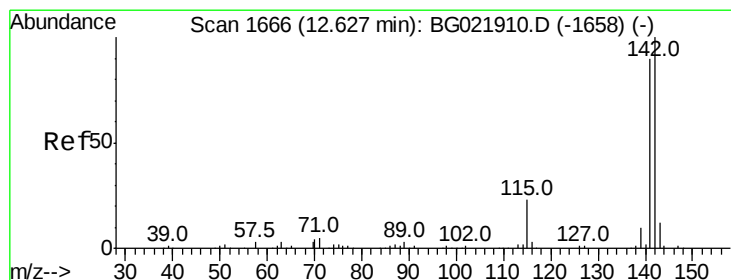
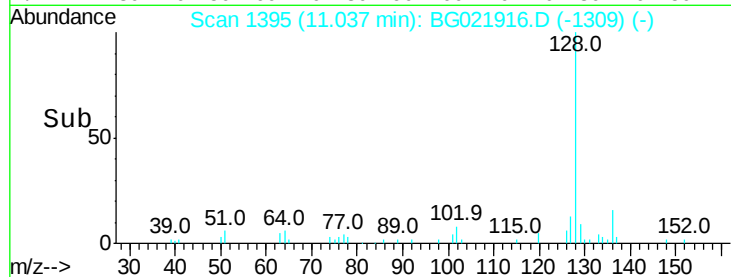
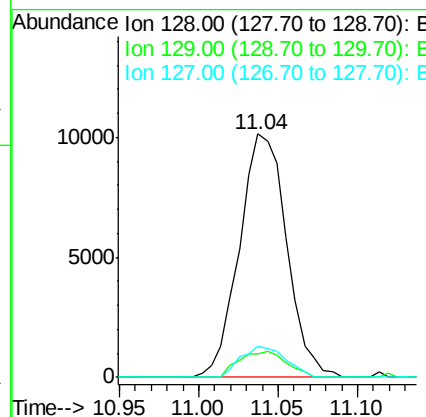
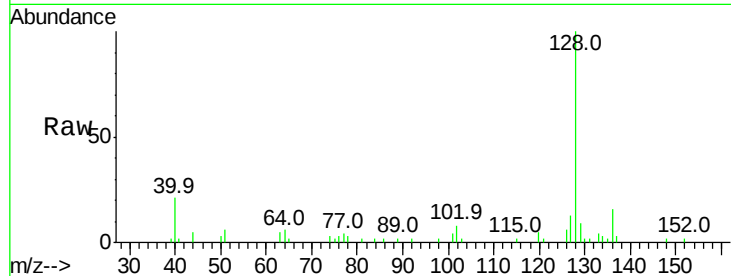
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Naphthalene
Concen: 1.42 ng/ul
RT: 11.04 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG021916.D
Acq: 16 May 2016 21:25

Instrument :
BNA_G
ClientSampleId :
D9XE4

Tot Ion	Ratio	Lower	Upper
128	100		
129	9.5	8.3	12.5
127	12.7	10.8	16.2

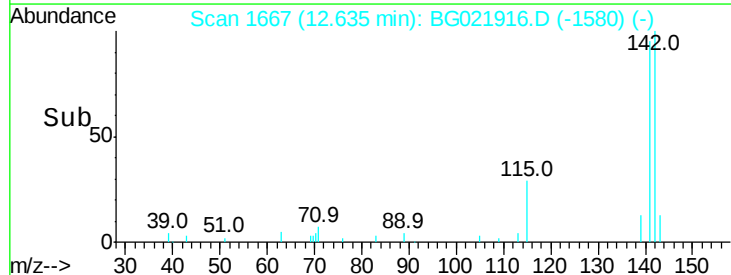
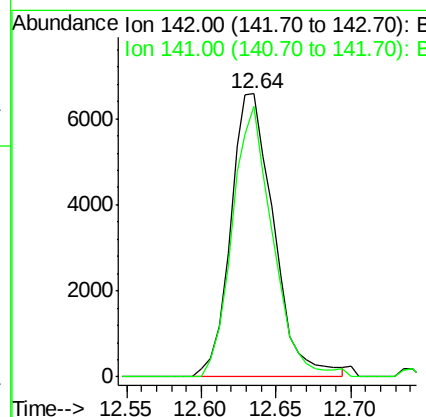
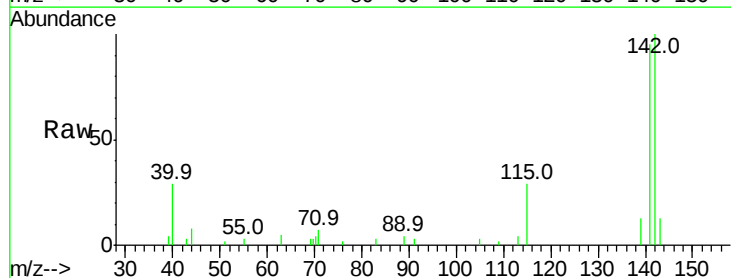
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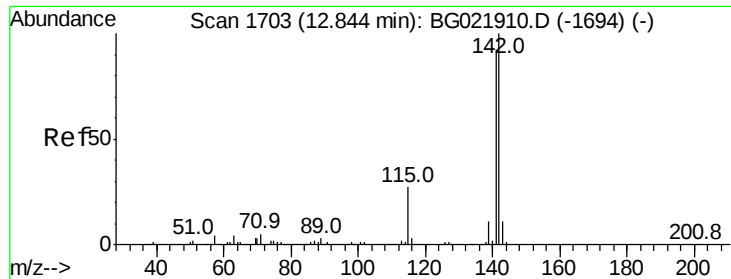
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#34
2-Methylnaphthalene
Concen: 1.21 ng/ul
RT: 12.64 min Scan# 1667
Delta R.T. 0.01 min
Lab File: BG021916.D
Acq: 16 May 2016 21:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	71.3	106.9





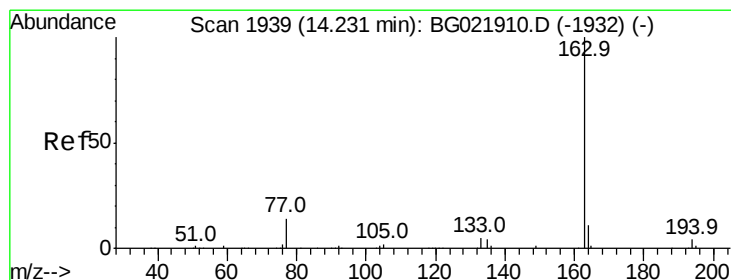
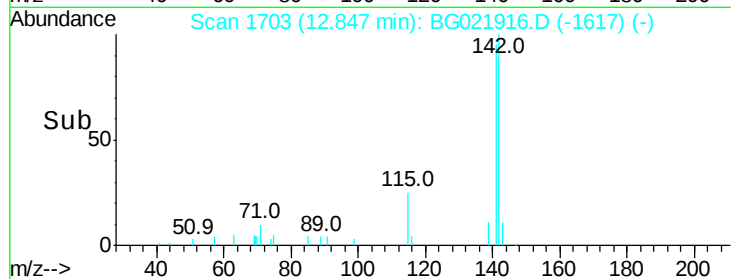
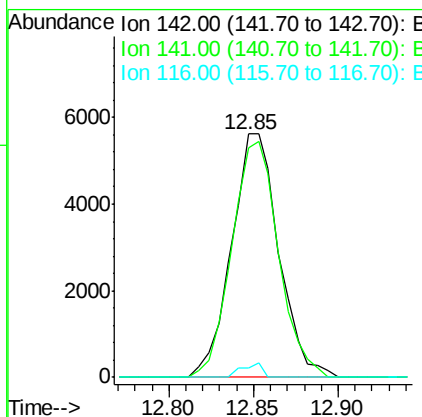
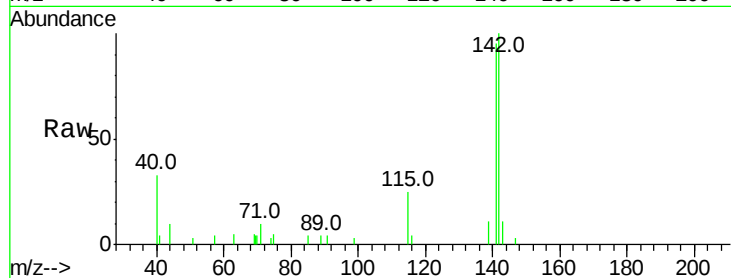
#35
 1-Methylnaphthalene
 Concen: 1.01 ng/ul
 RT: 12.85 min Scan# 1703
 Delta R.T. 0.00 min
 Lab File: BG021916.D
 Acq: 16 May 2016 21:25

Instrument :
 BNA_G
 ClientSampleId :
 D9XE4

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.5	77.0	115.4
116	4.0	4.2	6.4#

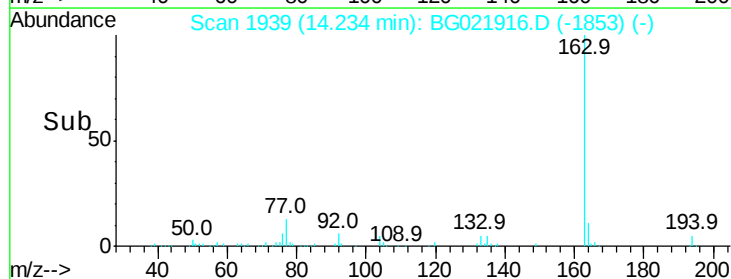
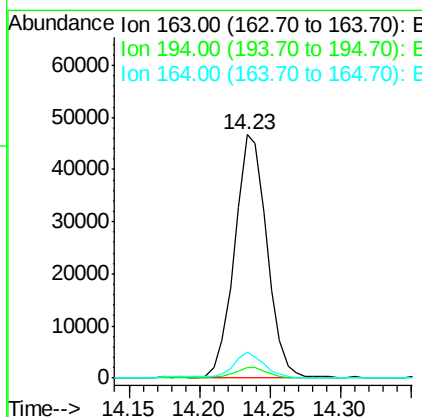
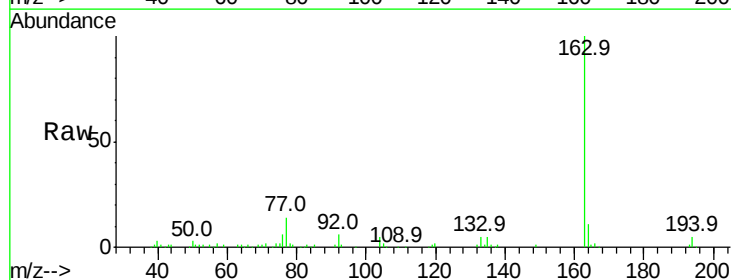
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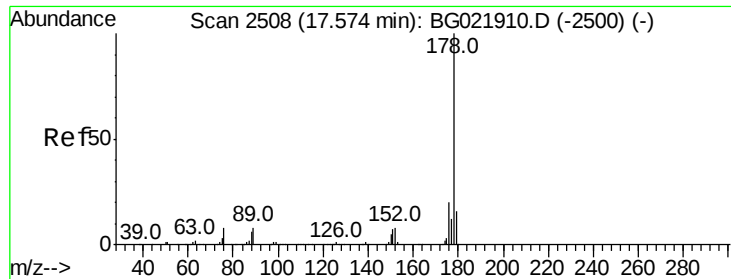
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#45
 Dimethylphthalate
 Concen: 6.21 ng/ul
 RT: 14.23 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: BG021916.D
 Acq: 16 May 2016 21:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.9	5.9
164	10.7	8.7	13.1





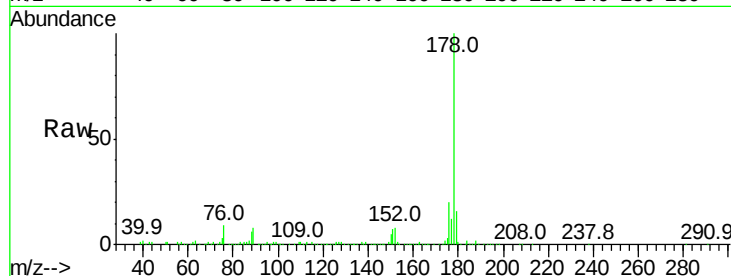
#70
Phenanthrene
Concen: 9.10 ng/ul
RT: 17.58 min Scan# 2509
Delta R.T. 0.01 min
Lab File: BG021916.D
Acq: 16 May 2016 21:25

Instrument :
BNA_G
ClientSampleId :
D9XE4

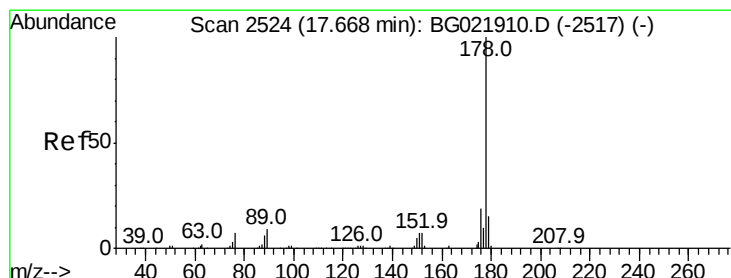
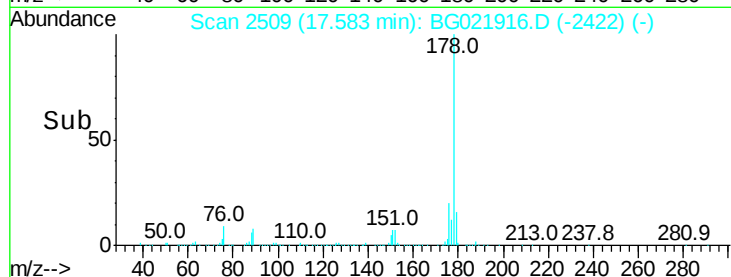
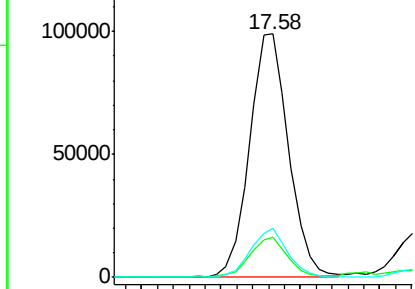
Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.8	17.8
176	20.3	14.8	22.2

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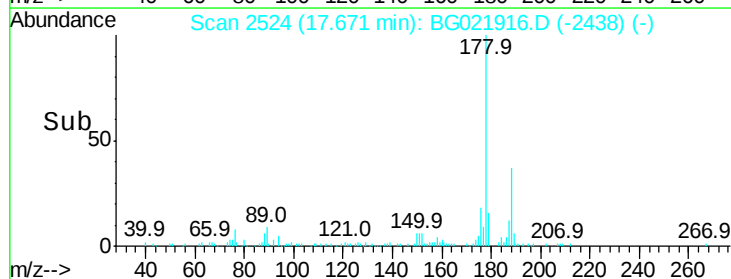
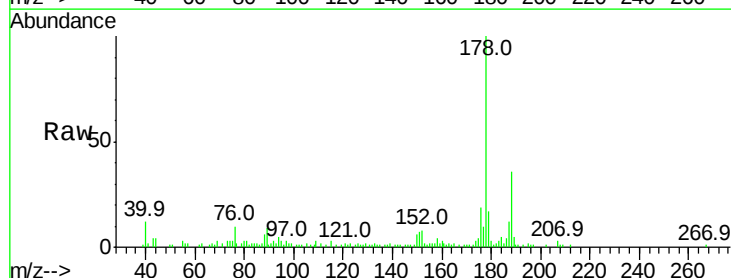
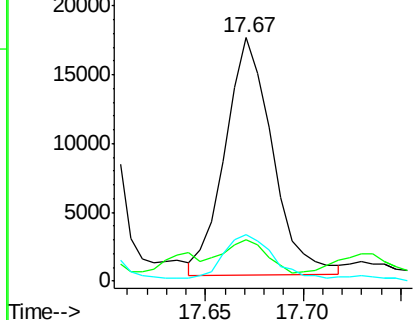
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Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

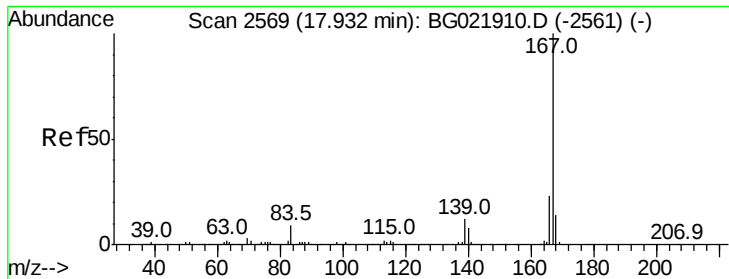


#72
Anthracene
Concen: 1.54 ng/ul
RT: 17.67 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BG021916.D
Acq: 16 May 2016 21:25

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.9	19.3
176	19.2	15.6	23.4

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





#73

Carbazole

Concen: 1.04 ng/ul

RT: 17.94 min Scan# 2570

Delta R.T. 0.01 min

Lab File: BG021916.D

Acq: 16 May 2016 21:25

Instrument :

BNA_G

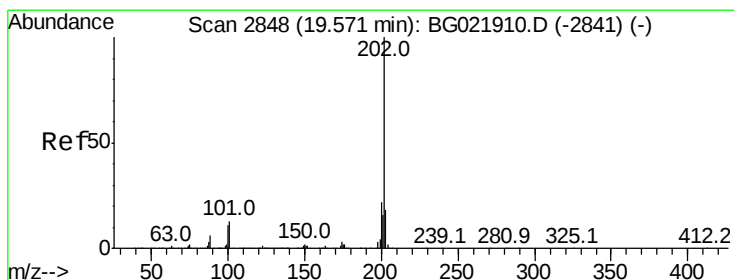
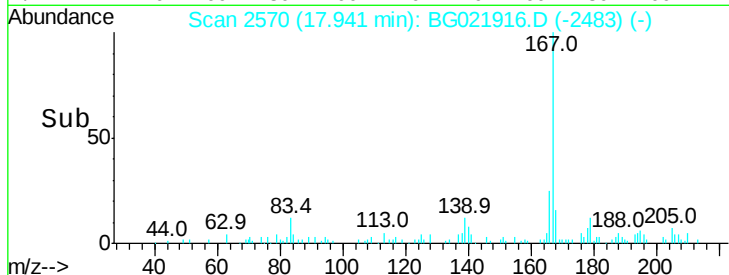
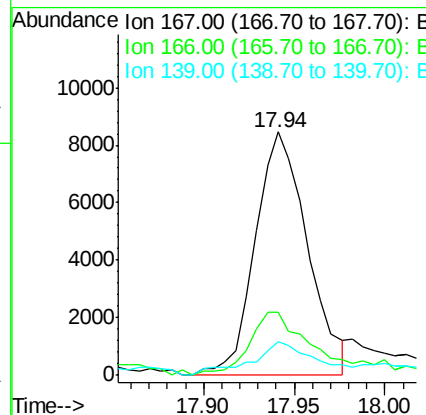
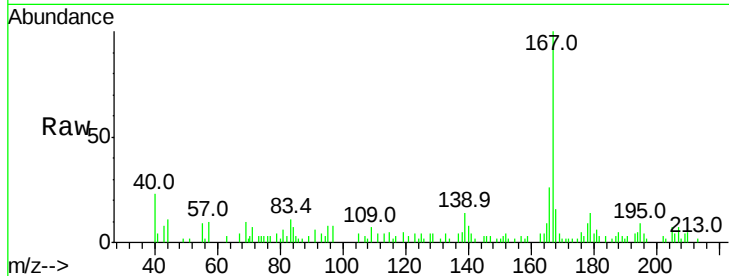
ClientSampleId :

D9XE4

Tot Ion:	167	Resp:	16998
Ion Ratio	Lower	Upper	
167	100		
166	26.0	19.0	28.4
139	14.0	12.2	18.4

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#75

Fluoranthene

Concen: 15.37 ng/ul

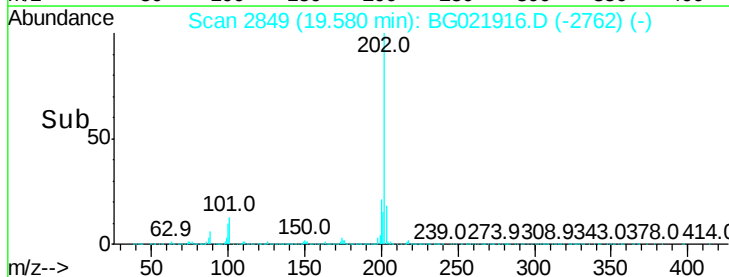
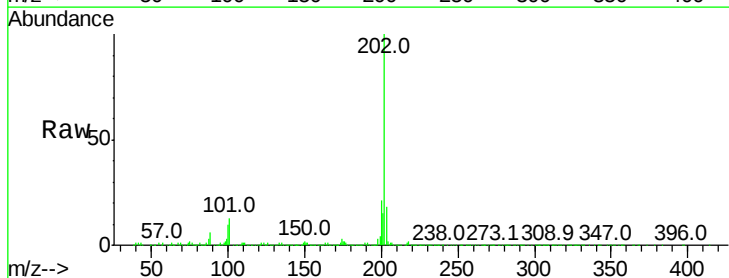
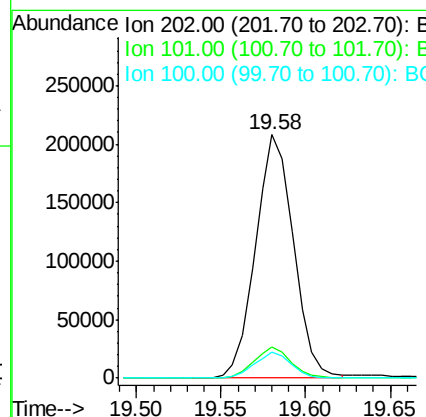
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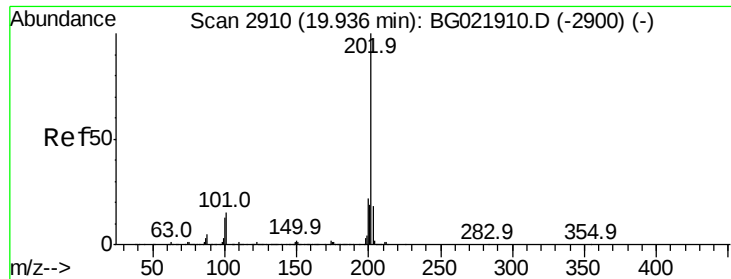
Delta R.T. 0.01 min

Lab File: BG021916.D

Acq: 16 May 2016 21:25

Tgt Ion:	202	Resp:	323764
Ion Ratio	Lower	Upper	
202	100		
101	12.7	8.9	13.3
100	10.4	7.0	10.4





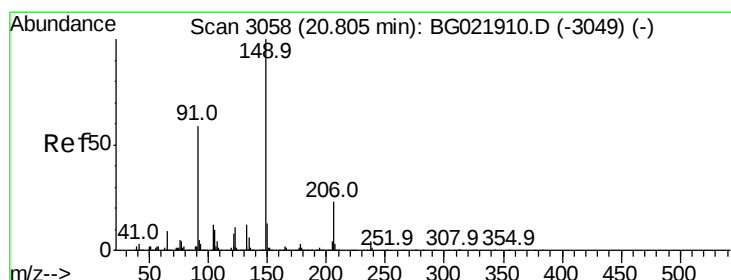
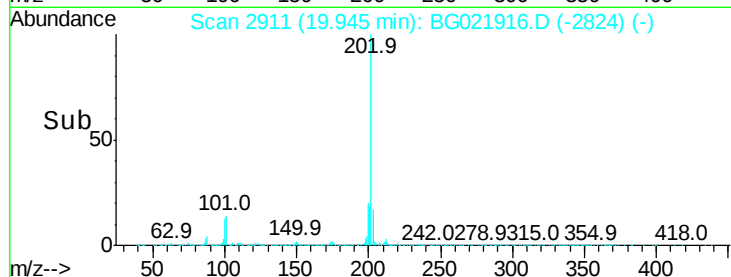
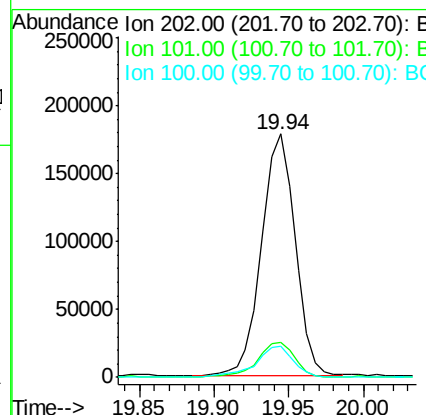
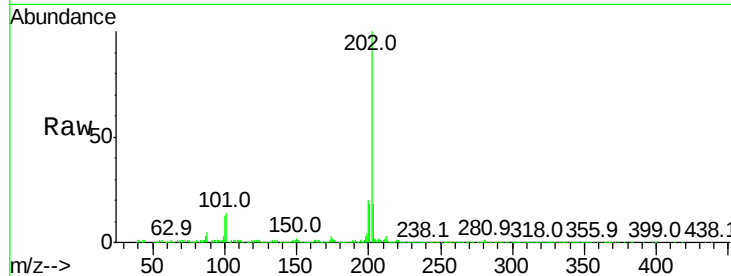
#78
Pvrene
Concen: 14.69 ng/ul
RT: 19.94 min Scan# 2911
Delta R.T. 0.01 min
Lab File: BG021916.D
Acq: 16 May 2016 21:25

Instrument :
BNA_G
ClientSampleId :
D9XE4

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.4	9.8	14.8
100	12.8	9.3	13.9

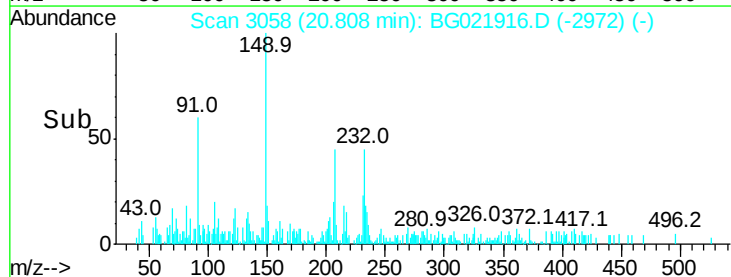
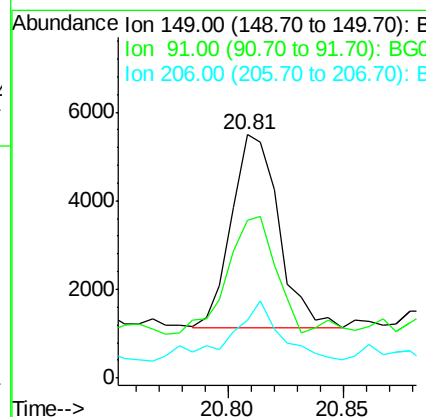
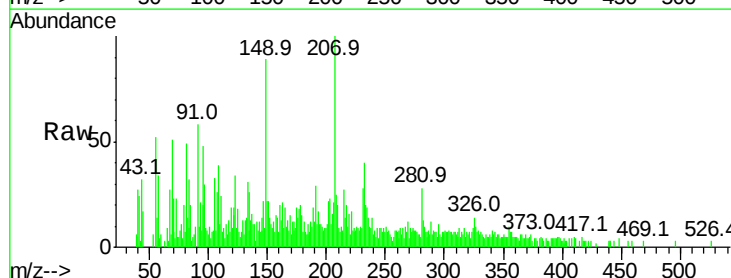
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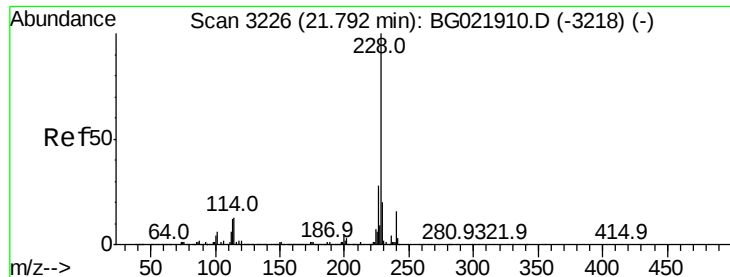
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#79
Butylbenzylphthalate
Concen: 1.49 ng/ul
RT: 20.81 min Scan# 3058
Delta R.T. 0.00 min
Lab File: BG021916.D
Acq: 16 May 2016 21:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	64.8	65.8	98.8#
206	23.7	15.5	23.3#





#81

Benzo(a)anthracene

Concen: 8.91 ng/ul

RT: 21.80 min Scan# 3227

Delta R.T. 0.01 min

Lab File: BG021916.D

Acq: 16 May 2016 21:25

Instrument :

BNA_G

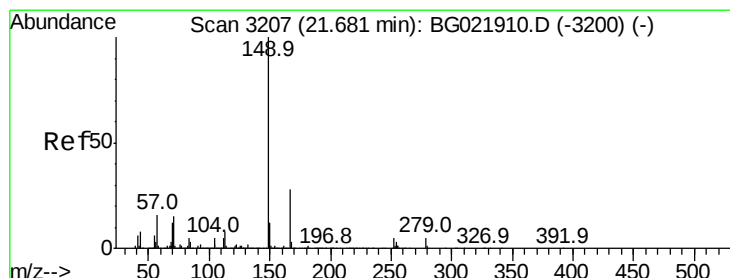
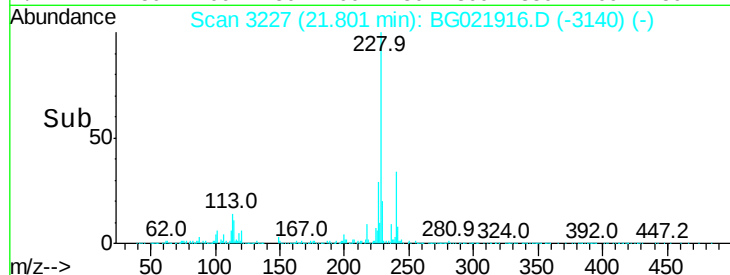
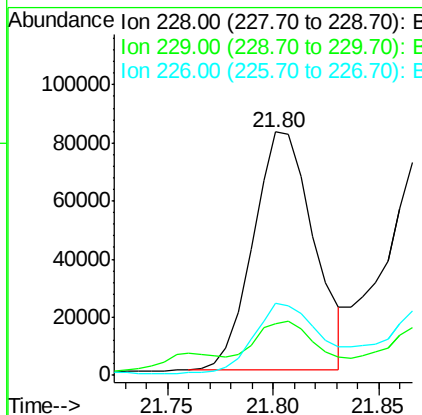
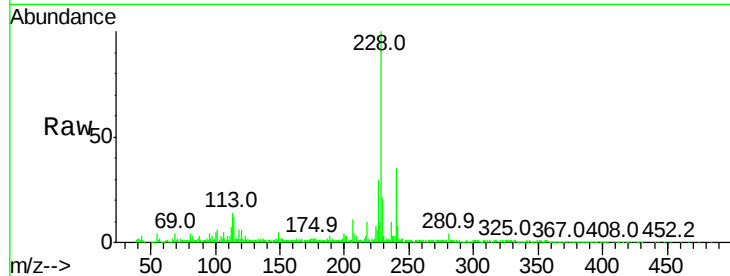
ClientSampleId :

D9XE4

Tot Ion:	228	Resp:	163208
Ion Ratio	Lower	Upper	
228	100		
229	21.4	16.6	25.0
226	29.8	21.0	31.4

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#82

Bis(2-ethylhexyl)phthalate

Concen: 76.97 ng/ul

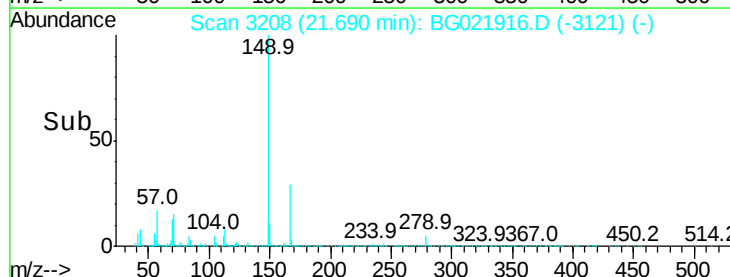
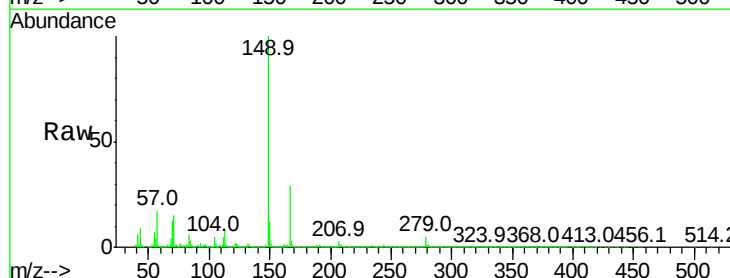
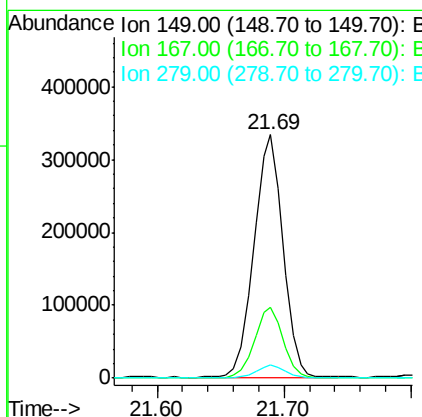
RT: 21.69 min Scan# 3208

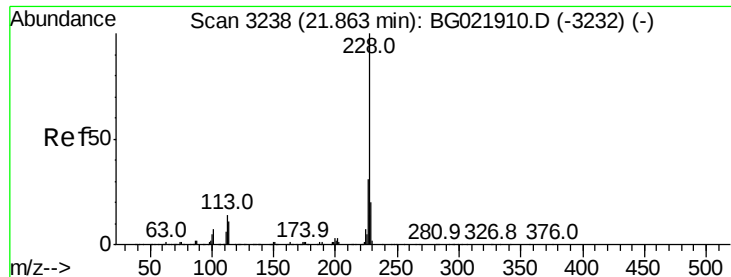
Delta R.T. 0.01 min

Lab File: BG021916.D

Acq: 16 May 2016 21:25

Tgt Ion:	149	Resp:	528721
Ion Ratio	Lower	Upper	
149	100		
167	29.0	20.5	30.7
279	5.4	3.7	5.5





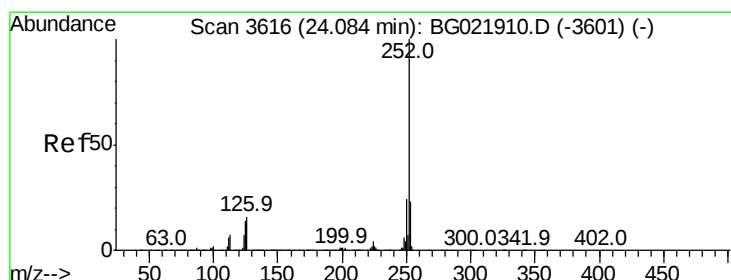
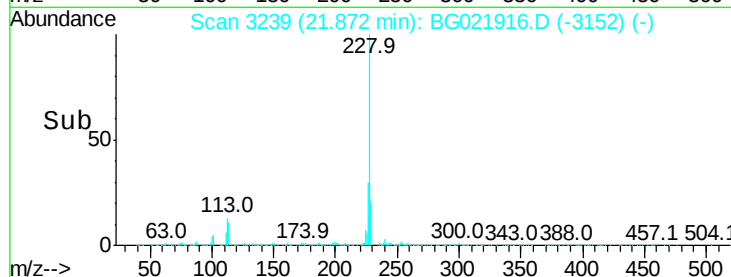
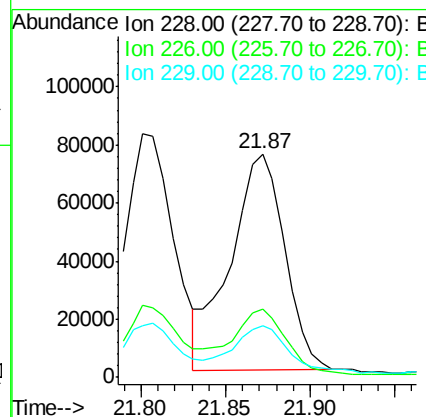
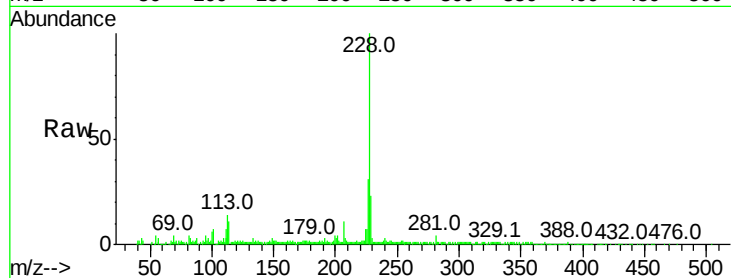
#83
 Chrysene
 Concen: 9.26 ng/ul
 RT: 21.87 min Scan# 3239
 Delta R.T. 0.01 min
 Lab File: BG021916.D
 Acq: 16 May 2016 21:25

Instrument :
 BNA_G
 ClientSampled :
 D9XE4

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.2
229	22.8	16.2	24.2

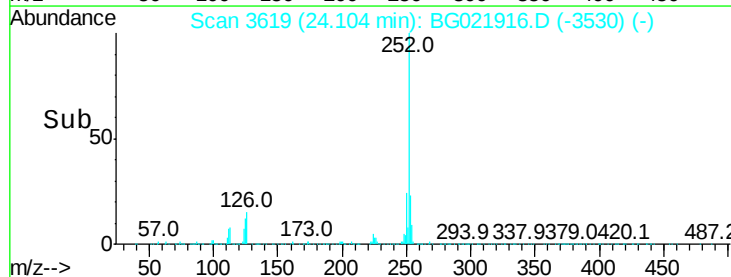
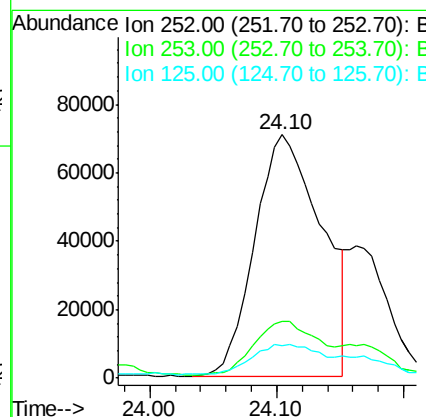
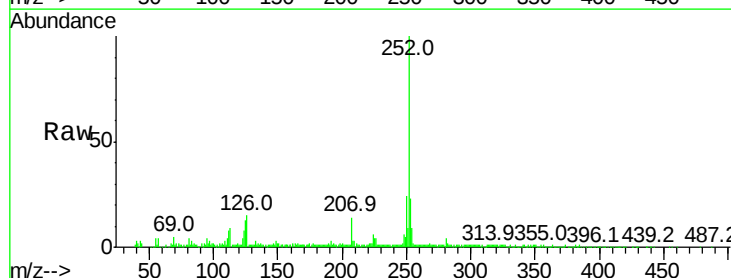
Manual Integrations
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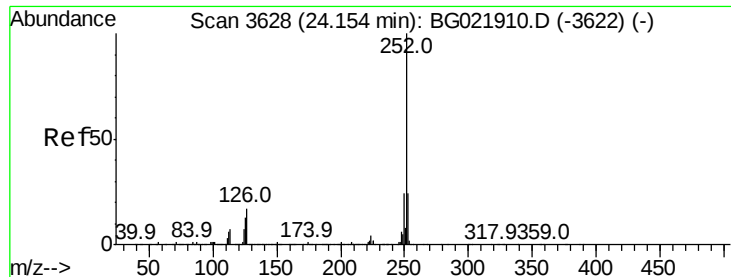
umangi
 5/17/2016 7:20:28 PM



#86
 Benzo(b)fluoranthene
 Concen: 14.00 ng/ul
 RT: 24.10 min Scan# 3619
 Delta R.T. 0.02 min
 Lab File: BG021916.D
 Acq: 16 May 2016 21:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	13.5	7.6	11.4





#87

Benzo(k)fluoranthene

Concen: 4.32 ng/ul m

RT: 24.16 min Scan# 3629

Delta R.T. 0.01 min

Lab File: BG021916.D

Acq: 16 May 2016 21:25

Instrument :

BNA_G

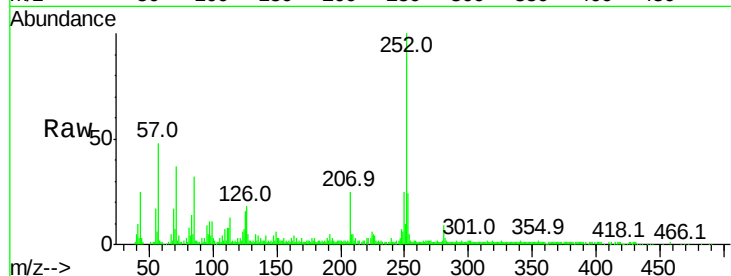
ClientSampleId :

D9XE4

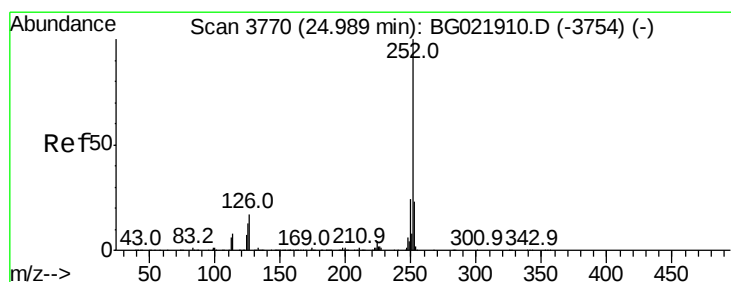
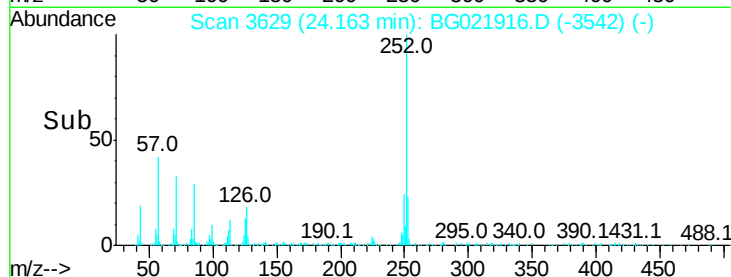
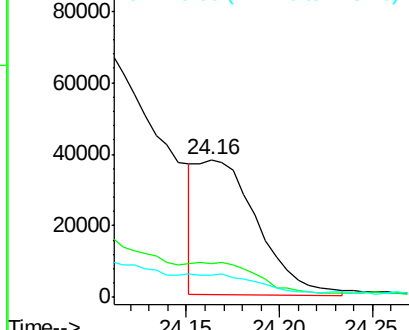
Tot Ion:	252	Resp:	85410
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.8	26.8
125	16.2	7.7	11.5#

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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



#89

Benzo(a)pyrene

Concen: 8.45 ng/ul

RT: 25.01 min Scan# 3773

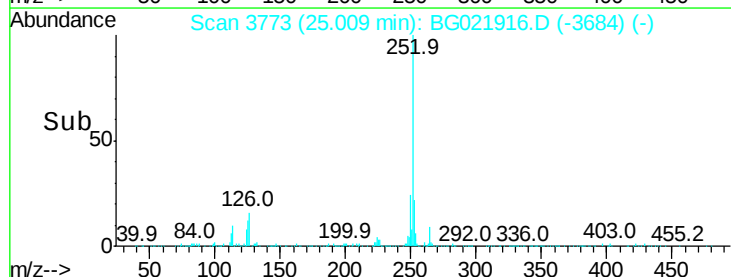
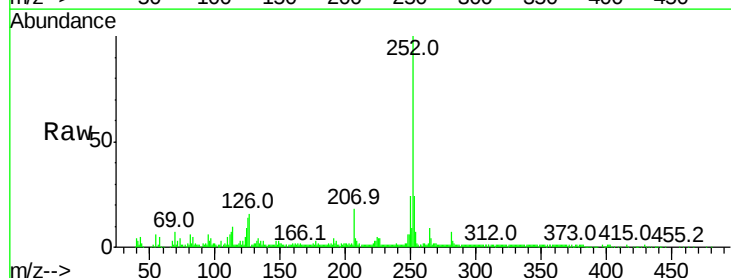
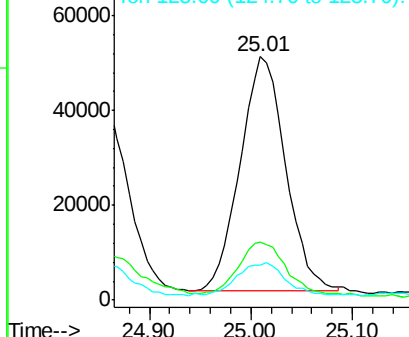
Delta R.T. 0.02 min

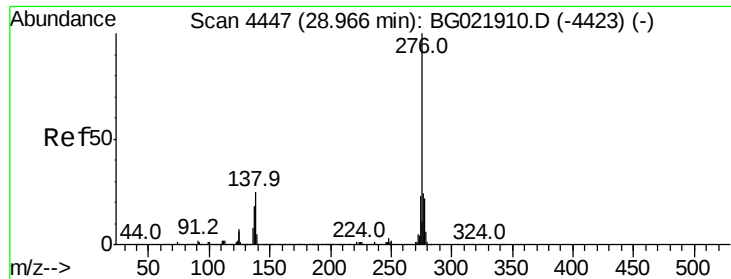
Lab File: BG021916.D

Acq: 16 May 2016 21:25

Tgt Ion:	252	Resp:	155291
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.4	26.0
125	14.2	8.2	12.2#

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





#90

Indeno(1,2,3-cd)pyrene

Concen: 4.78 ng/ul m

RT: 29.00 min Scan# 4452

Delta R.T. 0.03 min

Lab File: BG021916.D

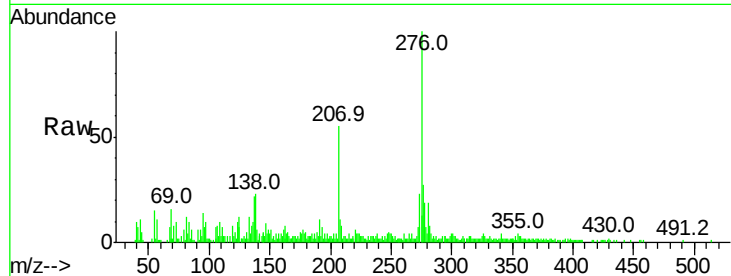
Acq: 16 May 2016 21:25

Instrument :

BNA_G

ClientSampleId :

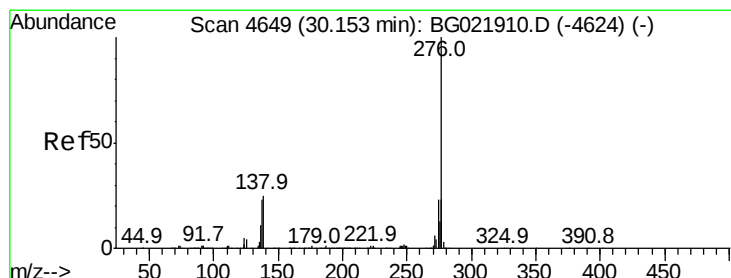
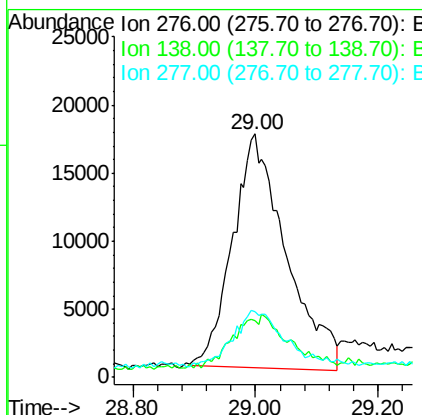
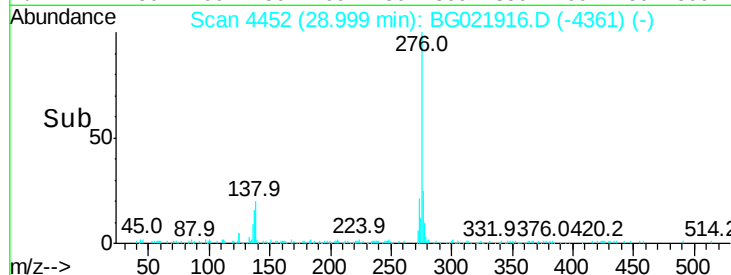
D9XE4



Tot Ion:	276	Resp:	104015
Ion Ratio	Lower	Upper	
276	100		
138	23.4	15.8	23.6
277	26.9	19.0	28.6

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#92

Benzo(g,h,i)perylene

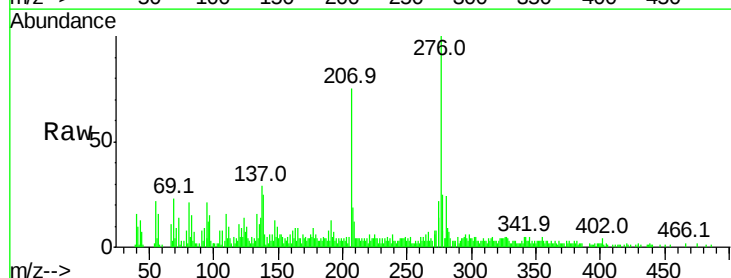
Concen: 4.96 ng/ul m

RT: 30.21 min Scan# 4658

Delta R.T. 0.06 min

Lab File: BG021916.D

Acq: 16 May 2016 21:25



Tgt Ion:	276	Resp:	89120
Ion Ratio	Lower	Upper	
276	100		
138	25.3	13.9	20.9#
277	25.0	19.8	29.6

