

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
 Data File : BG022076.D
 Acq On : 26 May 2016 11:40
 Operator : UM/SJ
 Sample : H3124-20DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHGJ3DL

Manual Integrations
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Quant Time: May 27 05:36:38 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 27 04:32:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	32126	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	176914	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	101698	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	190258	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	163477	20.00	ng/ul	0.00
83) Perylene-d12	25.14	264	156113	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	1195	1.94	ng/uL	0.00
5) Phenol-d5	7.32	99	26254	9.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	14194	9.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	25267	10.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	23927	9.72	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	13339	10.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	14020	9.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	24922	10.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	23186	8.54	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	87947	11.51	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	118716	11.13	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	8380m	6.37	ng/ul	0.01
57) Fluorene-d10	15.77	176	77254	10.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	8958	9.01	ng/ul	0.00
70) Anthracene-d10	17.62	188	104706	11.47	ng/ul	0.00
76) Pyrene-d10	19.90	212	108200	11.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.90	264	87832	12.13	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	11.02	128	9764	1.09	ng/ul	98
34) 2-Methylnaphthalene	12.62	142	7687	1.20	ng/ul	94
44) Dimethylphthalate	14.22	163	34204	4.46	ng/ul	100
47) Acenaphthylene	14.51	152	12351	1.14	ng/ul	98
49) Acenaphthene	14.84	153	9744	1.30	ng/ul	99
58) Fluorene	15.82	166	35153	4.49	ng/ul#	91
69) Phenanthrene	17.57	178	374466	35.38	ng/ul	99
71) Anthracene	17.66	178	72513	6.77	ng/ul	99
74) Fluoranthene	19.57	202	388202	35.89	ng/ul	100
77) Pyrene	19.93	202	459462	39.94	ng/ul	98
80) Benzo(a)anthracene	21.78	228	143857	15.00	ng/ul	97
82) Chrysene	21.85	228	138341m	15.04	ng/ul	
85) Benzo(b)fluoranthene	24.07	252	123847	13.56	ng/ul#	95
86) Benzo(k)fluoranthene	24.13	252	43894m	4.94	ng/ul	
88) Benzo(a)pyrene	24.98	252	123808	14.05	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.94	276	67289	6.66	ng/ul	95
90) Dibenzo(a,h)anthracene	28.98	278	18548m	2.19	ng/ul	
91) Benzo(g,h,i)perylene	30.13	276	67323m	8.32	ng/ul	

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

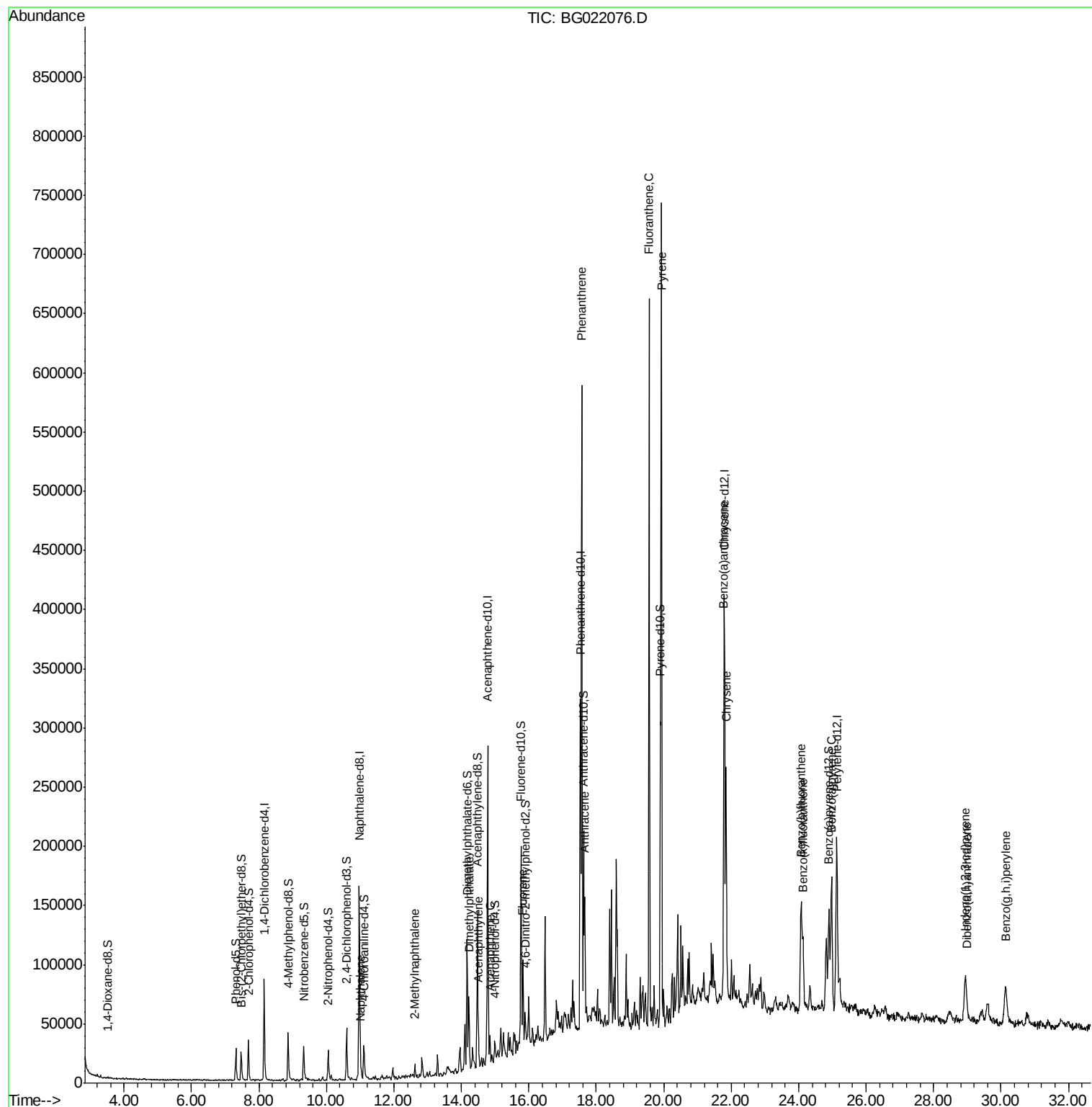
Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022076.D
Acq On : 26 May 2016 11:40
Operator : UM/SJ
Sample : H3124-20DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

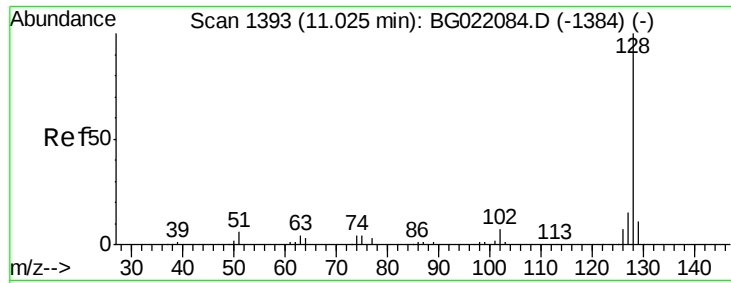
Instrument :
BNA_G
ClientSampled :
JHGJ3DL

Manual Integrations
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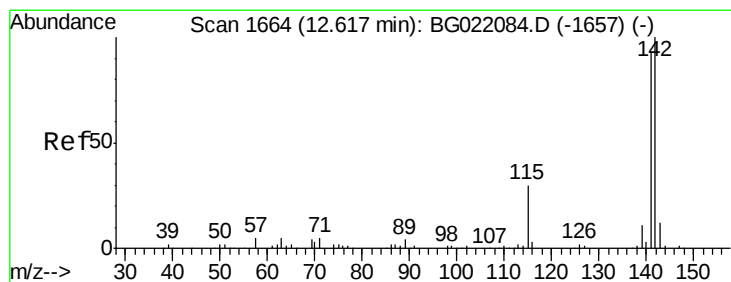
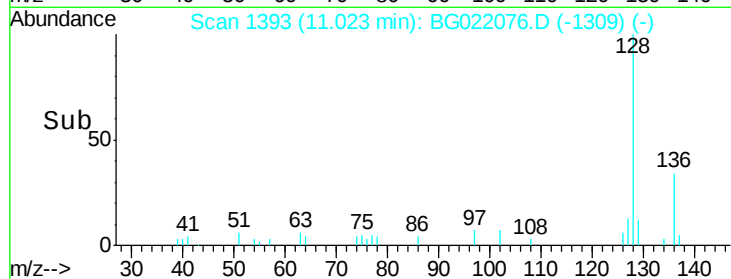
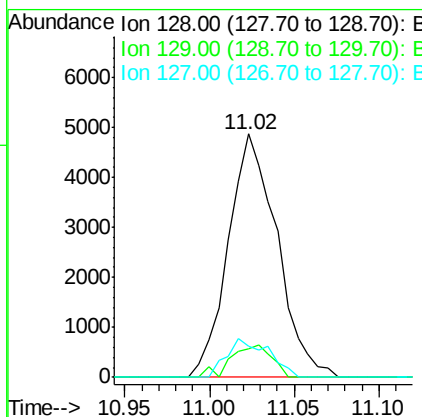
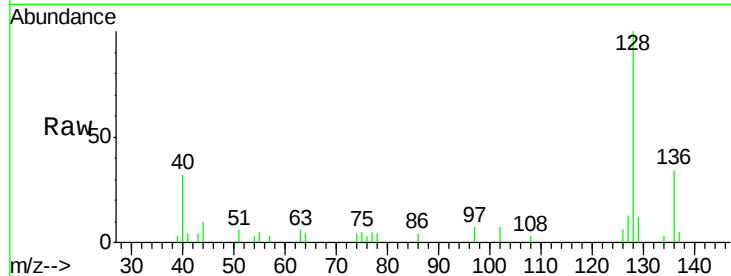
#28
Naphthalene
Concen: 1.09 ng/ul
RT: 11.02 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG022076.D
Acq: 26 May 2016 11:40

Instrument :
BNA_G
ClientSampleId :
JHGJ3DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	12.9	11.2	16.8

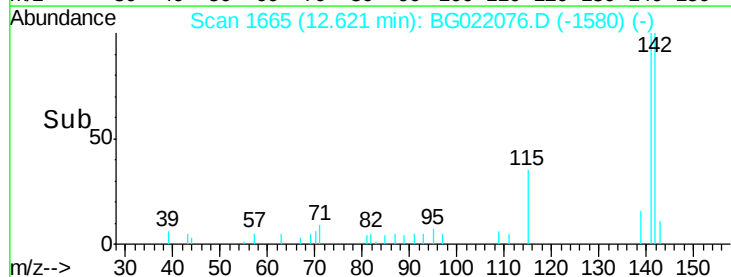
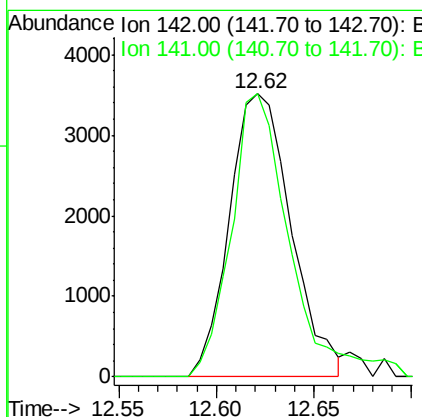
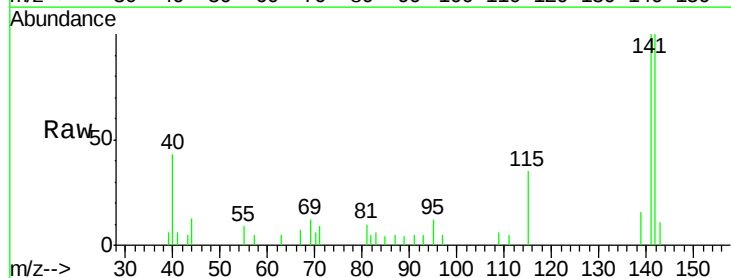
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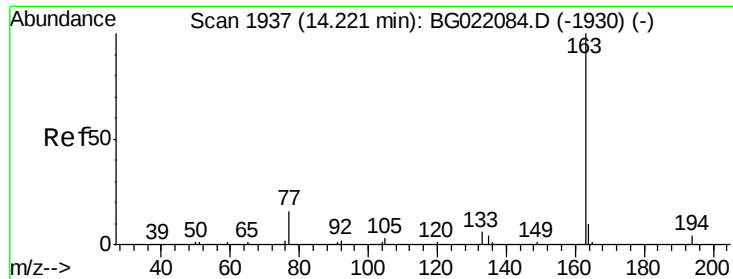
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#34
2-Methylnaphthalene
Concen: 1.20 ng/ul
RT: 12.62 min Scan# 1665
Delta R.T. 0.00 min
Lab File: BG022076.D
Acq: 26 May 2016 11:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	99.9	75.2	112.8





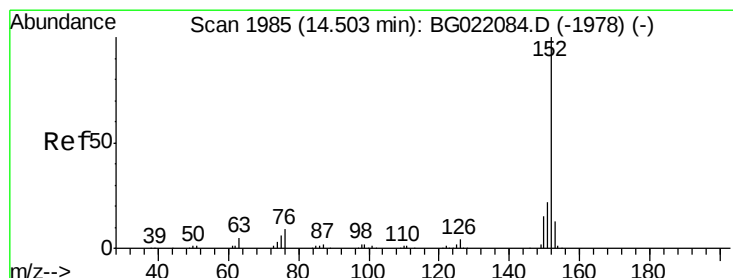
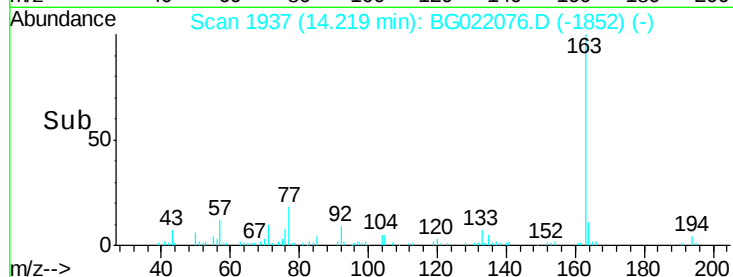
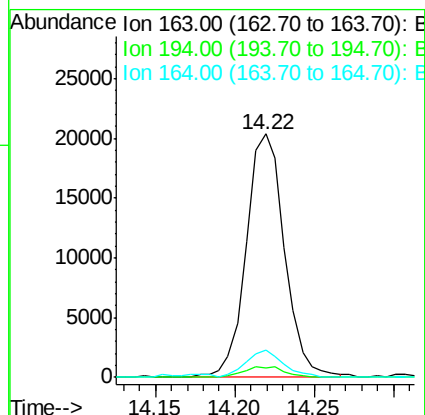
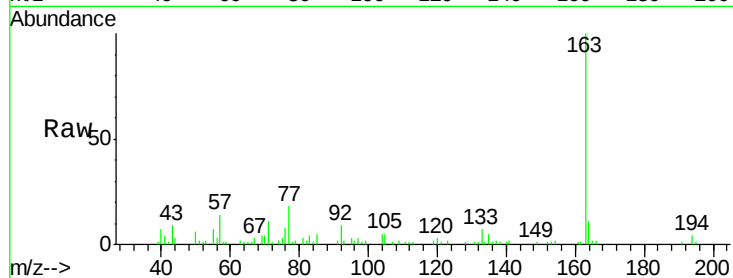
#44
Dimethylphthalate
Concen: 4.46 ng/ul
RT: 14.22 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BG022076.D
Acq: 26 May 2016 11:40

Instrument :
BNA_G
ClientSampled :
JHGJ3DL

Tot Ion:	163	Resp:	34204
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.2
164	11.1	8.8	13.2

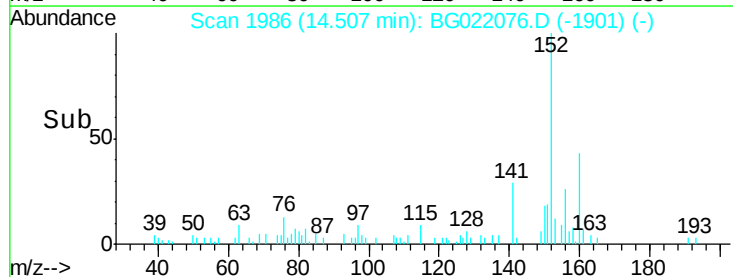
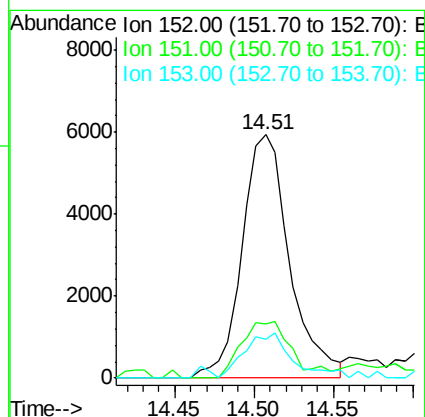
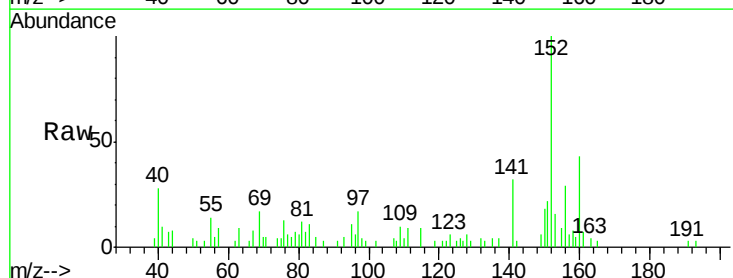
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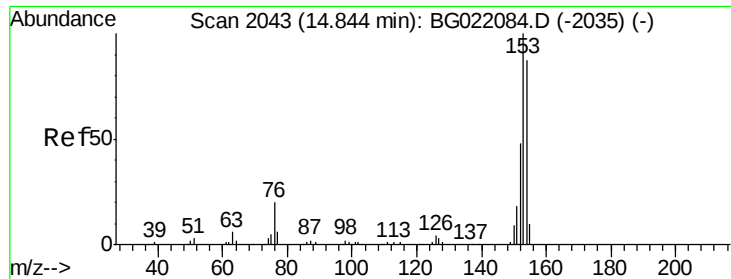
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#47
Acenaphthylene
Concen: 1.14 ng/ul
RT: 14.51 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BG022076.D
Acq: 26 May 2016 11:40

Tgt Ion:	152	Resp:	12351
Ion Ratio	Lower	Upper	
152	100		
151	22.1	17.5	26.3
153	15.9	11.1	16.7





#49

Acenaphthene

Concen: 1.30 ng/ul

RT: 14.84 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BG022076.D

Acq: 26 May 2016 11:40

Instrument :

BNA_G

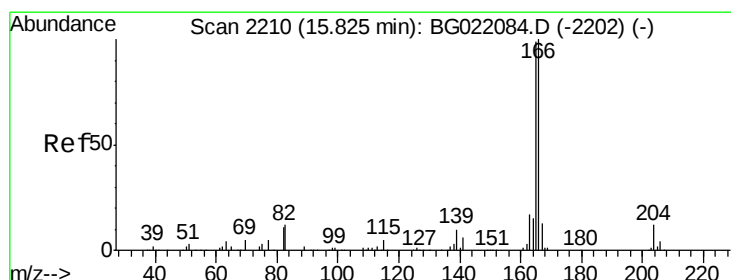
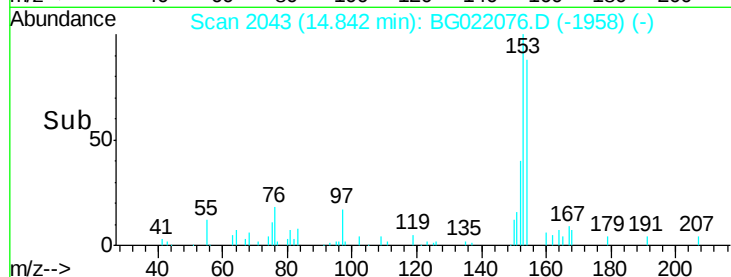
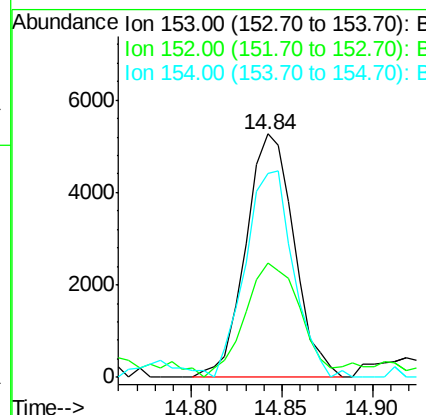
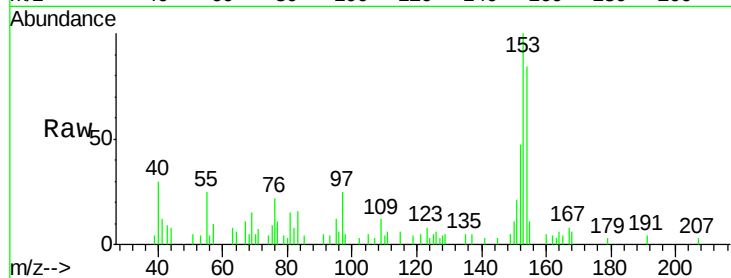
ClientSampleId :

JHGJ3DL

Tot Ion:	153	Resp:	9744
Ion	Ratio	Lower	Upper
153	100		
152	46.9	37.3	55.9
154	83.7	68.2	102.2

Manual Integrations
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#58

Fluorene

Concen: 4.49 ng/ul

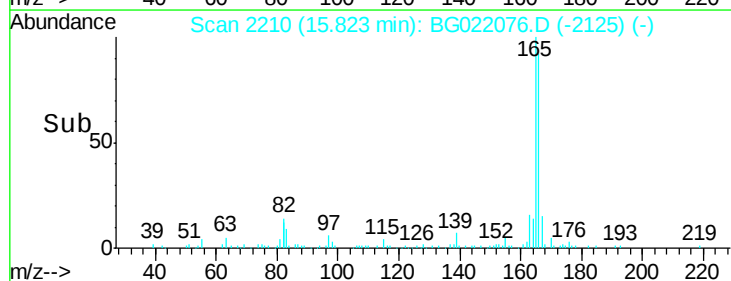
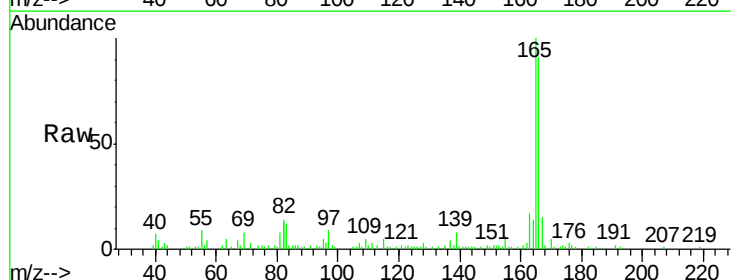
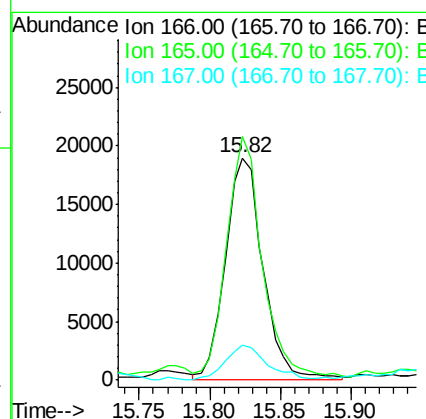
RT: 15.82 min Scan# 2210

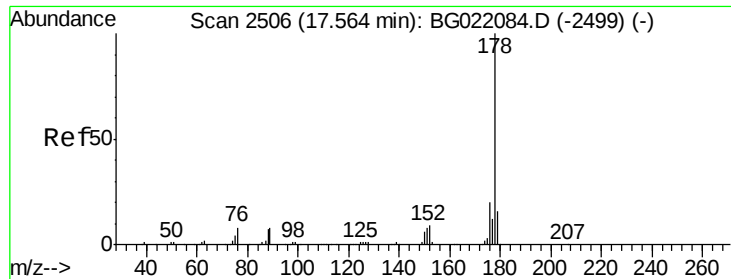
Delta R.T. 0.00 min

Lab File: BG022076.D

Acq: 26 May 2016 11:40

Tgt Ion:	166	Resp:	35153
Ion	Ratio	Lower	Upper
166	100		
165	109.7	80.3	120.5
167	15.9	10.3	15.5#





#69

Phenanthrene

Concen: 35.38 ng/ul

RT: 17.57 min Scan# 2507

Delta R.T. 0.00 min

Lab File: BG022076.D

Acq: 26 May 2016 11:40

Instrument :

BNA_G

ClientSampleId :

JHGJ3DL

Tot Ion:178 Resp: 374466

Ion Ratio Lower Upper

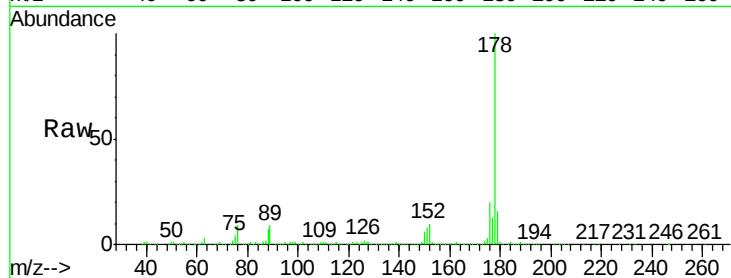
178 100

179 15.5 12.9 19.3

176 20.2 15.8 23.8

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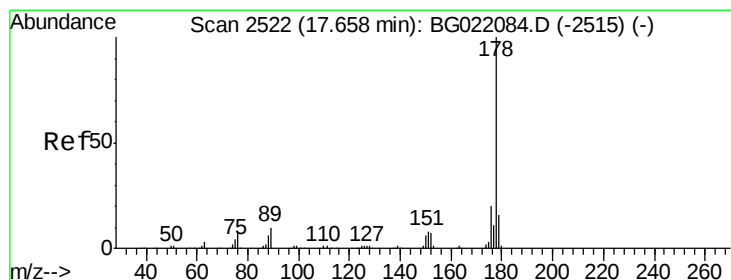
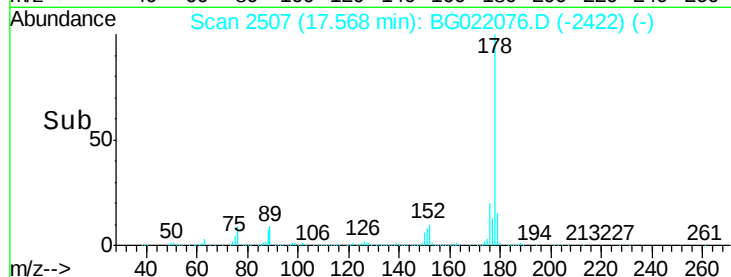
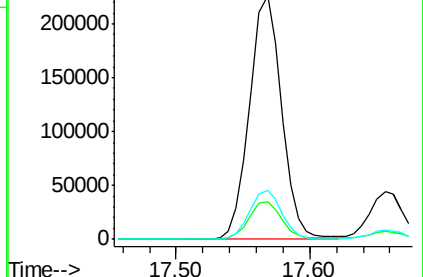
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 6.77 ng/ul

RT: 17.66 min Scan# 2522

Delta R.T. 0.00 min

Lab File: BG022076.D

Acq: 26 May 2016 11:40

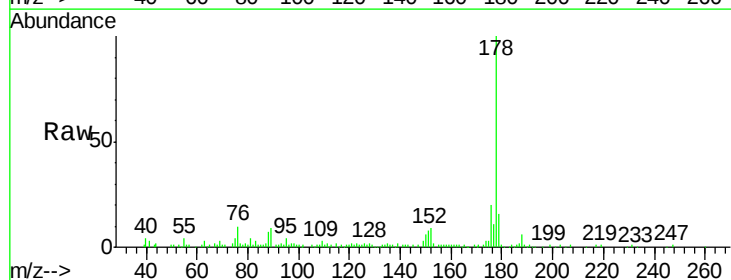
Tgt Ion:178 Resp: 72513

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

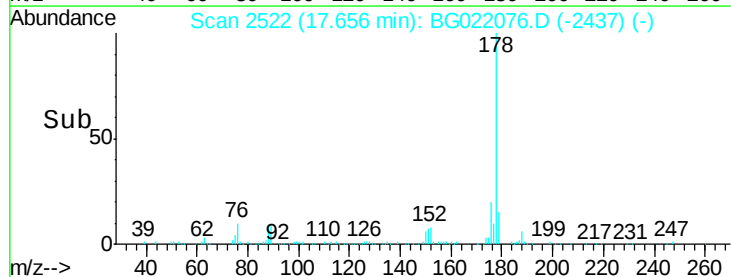
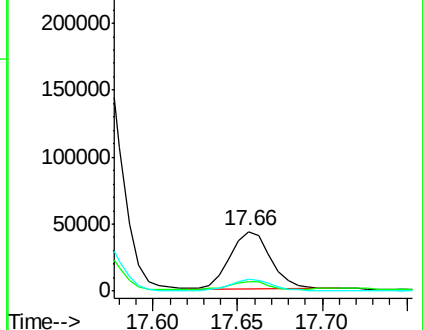
176 20.1 16.3 24.5

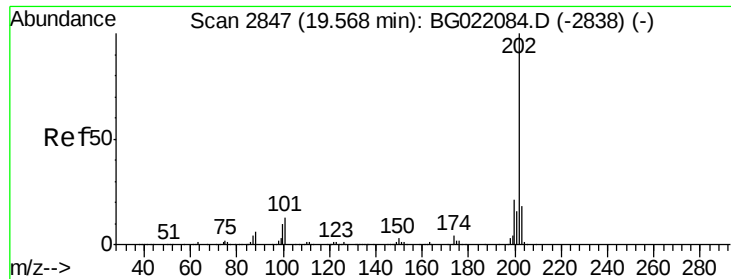


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 35.89 ng/ul

RT: 19.57 min Scan# 2847

Delta R.T. 0.00 min

Lab File: BG022076.D

Acq: 26 May 2016 11:40

Instrument :

BNA_G

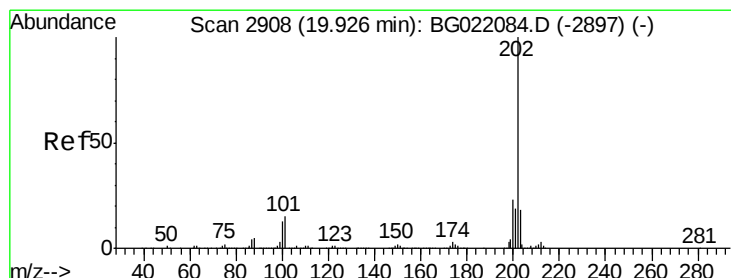
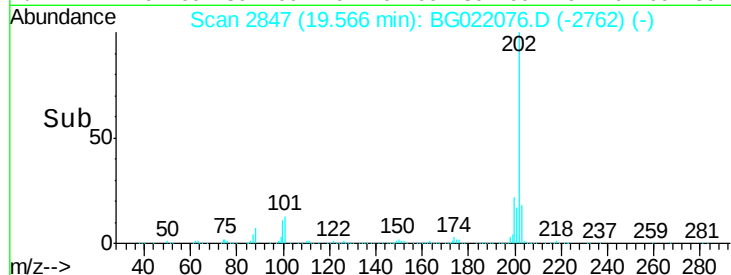
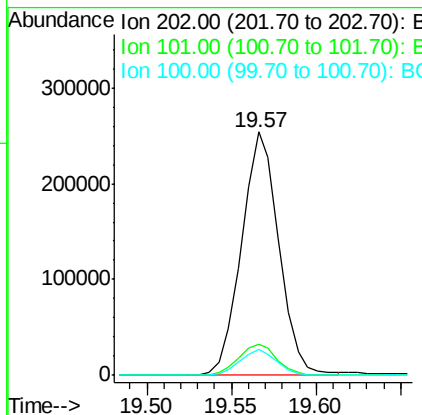
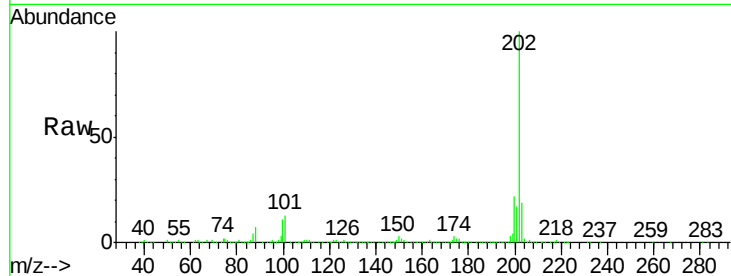
ClientSampleId :

JHGJ3DL

Tot Ion:	202	Resp:	388202
Ion Ratio	Lower	Upper	
202	100		
101	13.0	10.6	16.0
100	10.9	8.7	13.1

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#77

Pyrene

Concen: 39.94 ng/ul

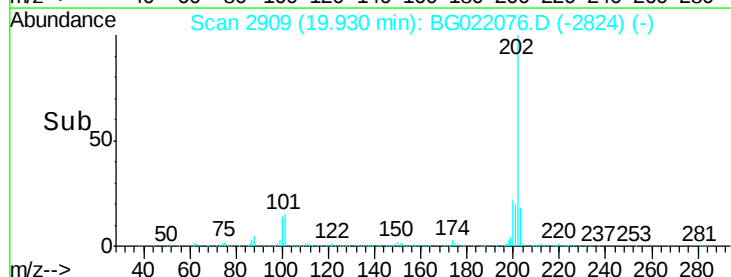
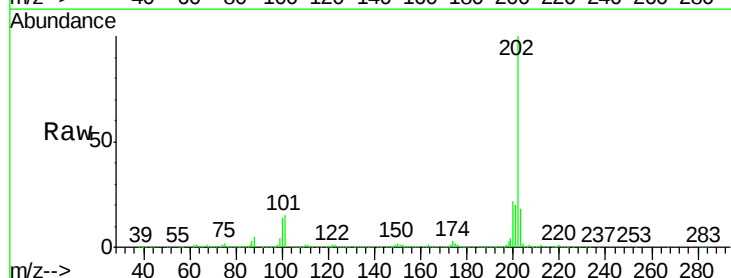
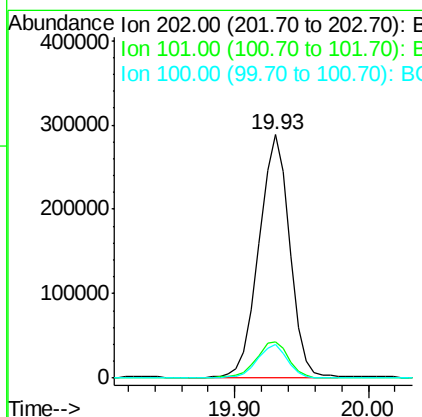
RT: 19.93 min Scan# 2909

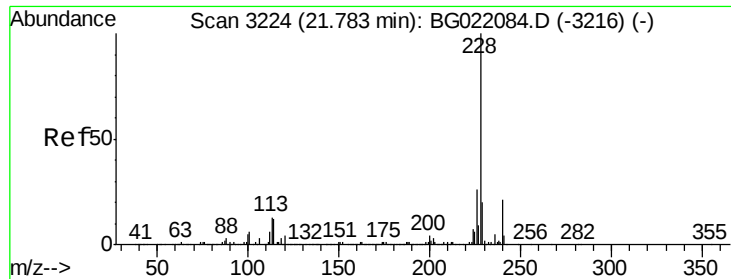
Delta R.T. 0.00 min

Lab File: BG022076.D

Acq: 26 May 2016 11:40

Tgt Ion:	202	Resp:	459462
Ion Ratio	Lower	Upper	
202	100		
101	15.0	12.5	18.7
100	13.6	10.2	15.4





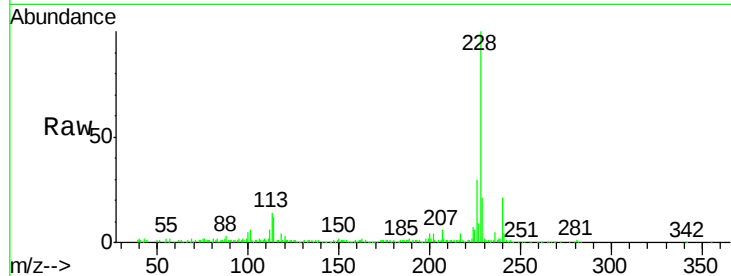
#80
Benzo(a)anthracene
Concen: 15.00 ng/ul
RT: 21.78 min Scan# 3224
Delta R.T. 0.00 min
Lab File: BG022076.D
Acq: 26 May 2016 11:40

Instrument :
BNA_G
ClientSampleId :
JHGJ3DL

Tot Ion	Ratio	Resp	Lower	Upper
228	100	143857		
229	20.5		15.4	23.2
226	30.0		22.8	34.2

Manual Integrations
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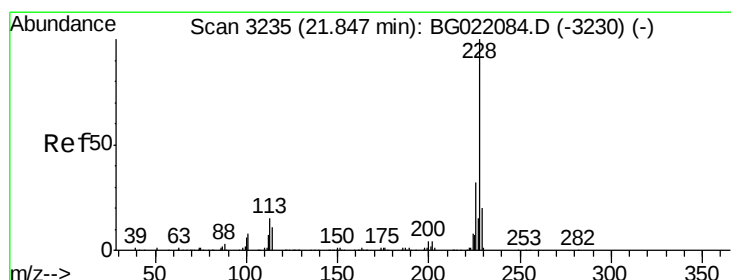
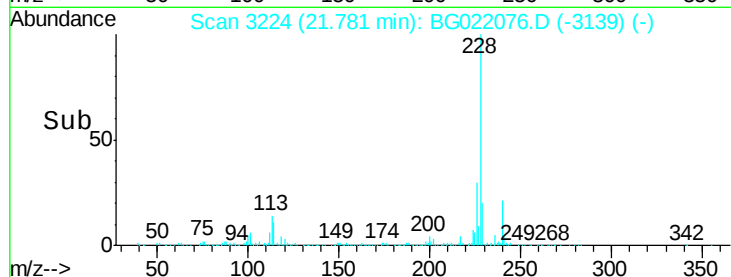
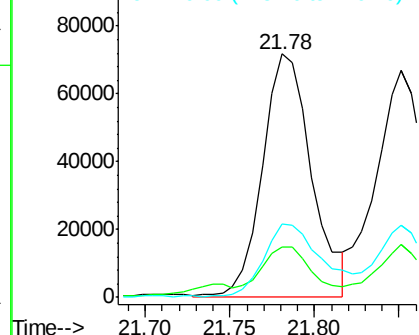


Abundance

Ion 228.00 (227.70 to 228.70): E

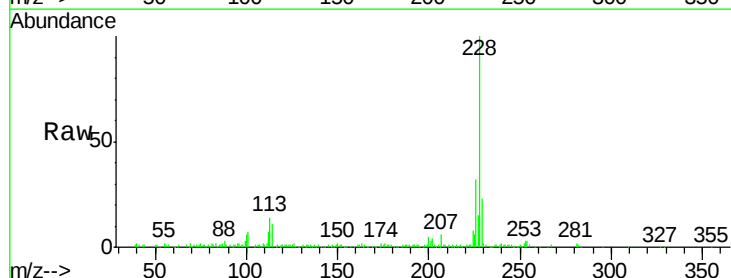
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#82
Chrysene
Concen: 15.04 ng/ul m
RT: 21.85 min Scan# 3236
Delta R.T. 0.00 min
Lab File: BG022076.D
Acq: 26 May 2016 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	138341		
226	31.9		24.2	36.4
229	23.5		15.0	22.6#

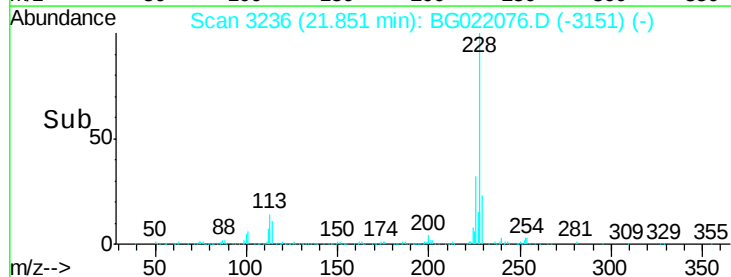
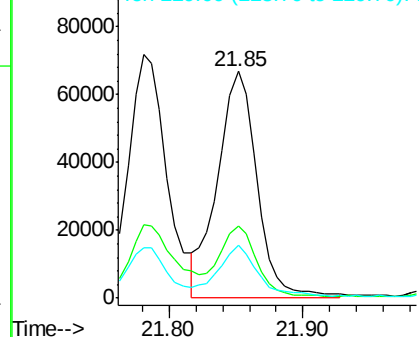


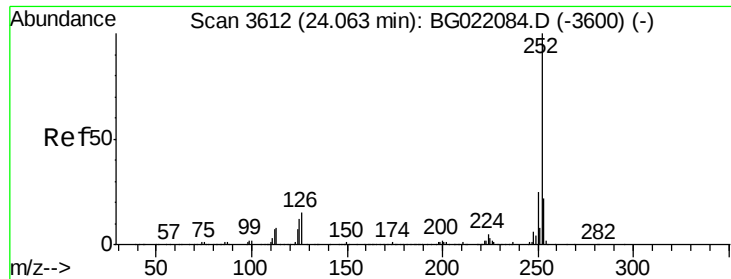
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 13.56 ng/ul

RT: 24.07 min Scan# 3614

Delta R.T. 0.01 min

Lab File: BG022076.D

Acq: 26 May 2016 11:40

Instrument :

BNA_G

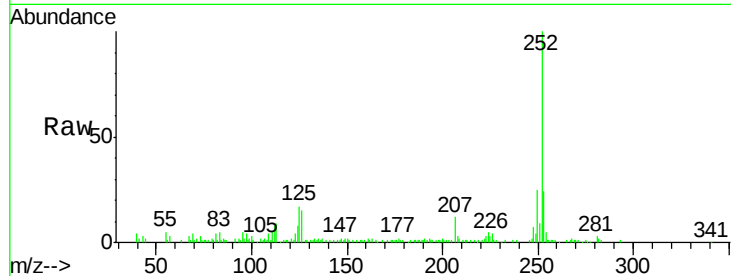
ClientSampleId :

JHGJ3DL

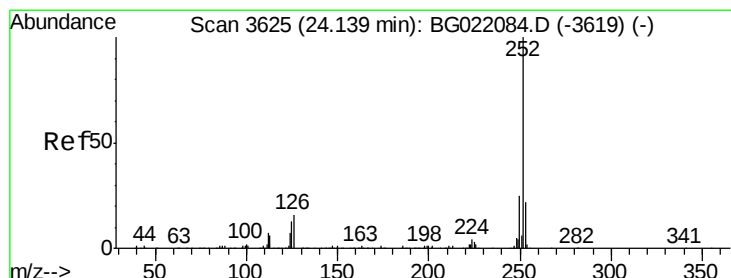
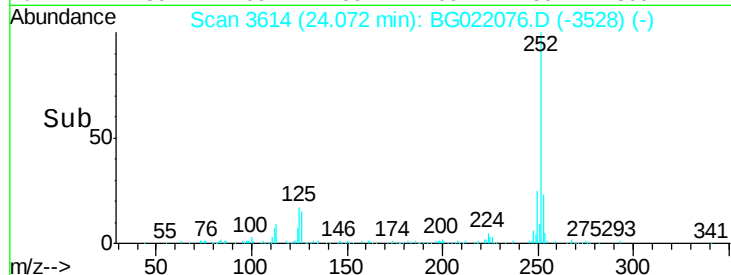
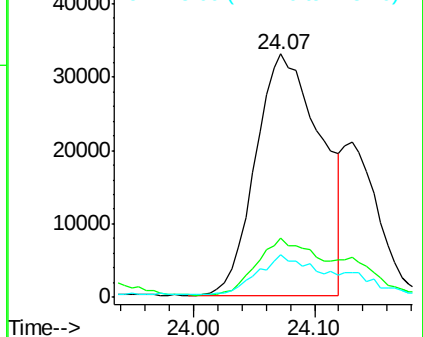
Tot Ion:	252	Resp:	123847
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.2	27.2
125	17.3	10.8	16.2#

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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



#86

Benzo(k)fluoranthene

Concen: 4.94 ng/ul m

RT: 24.13 min Scan# 3624

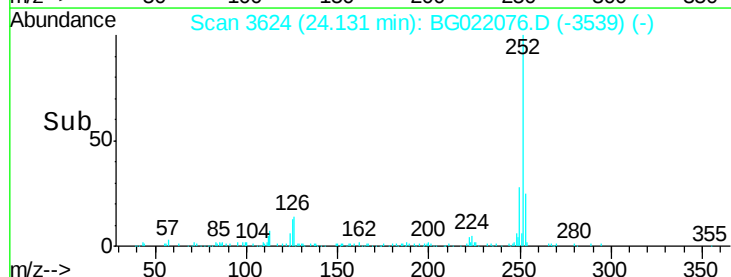
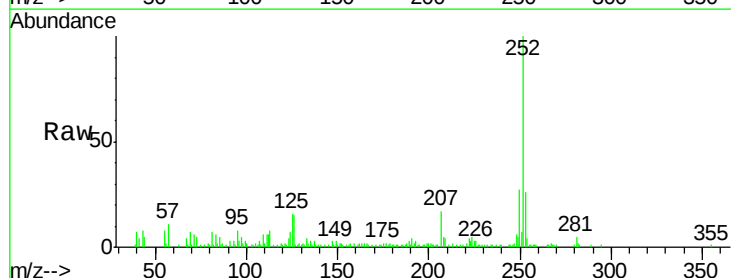
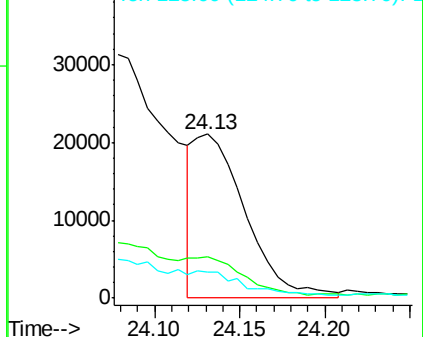
Delta R.T. 0.00 min

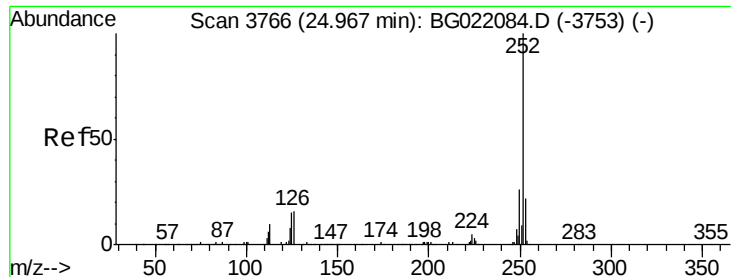
Lab File: BG022076.D

Acq: 26 May 2016 11:40

Tgt Ion:	252	Resp:	43894
Ion Ratio	Lower	Upper	
252	100		
253	25.6	15.8	23.6#
125	15.9	10.6	16.0

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





#88

Benzo(a)pyrene

Concen: 14.05 ng/ul

RT: 24.98 min Scan# 3768

Delta R.T. 0.01 min

Lab File: BG022076.D

Acq: 26 May 2016 11:40

Instrument :

BNA_G

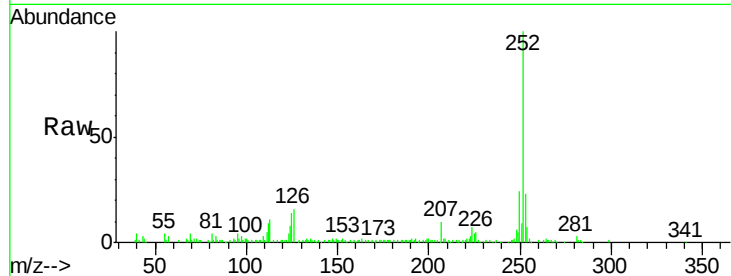
ClientSampleId :

JHGJ3DL

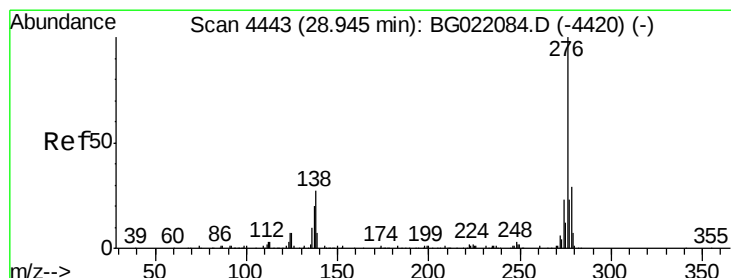
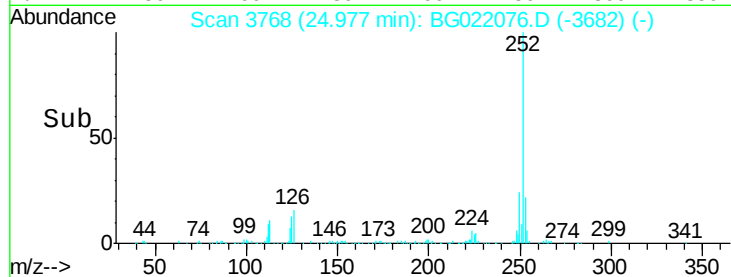
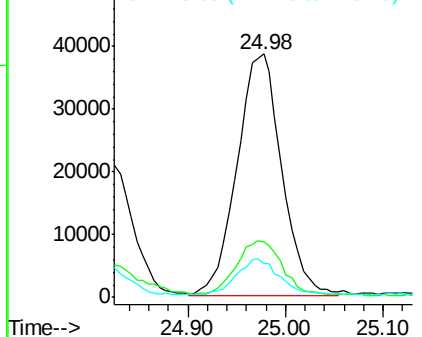
Tot Ion	Ratio	Resp	Lower	Upper
252	100	123808		
253	22.9		19.0	28.4
125	14.0		12.0	18.0

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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

Indeno(1,2,3-cd)pyrene

Concen: 6.66 ng/ul

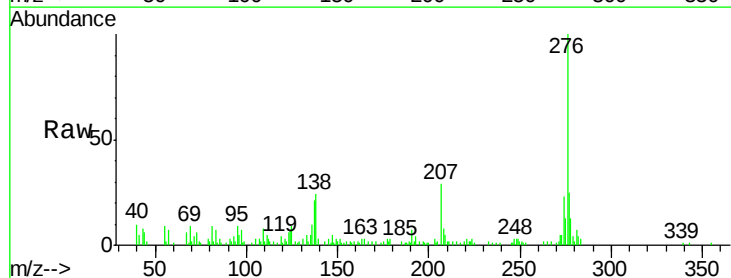
RT: 28.94 min Scan# 4442

Delta R.T. -0.01 min

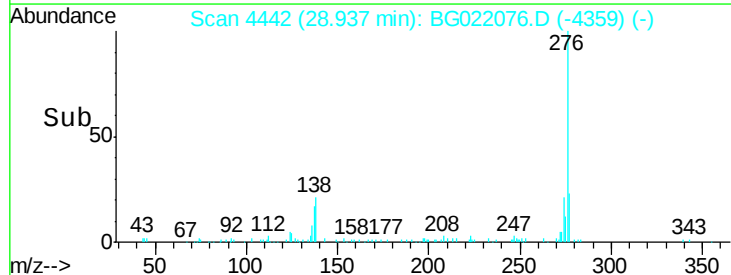
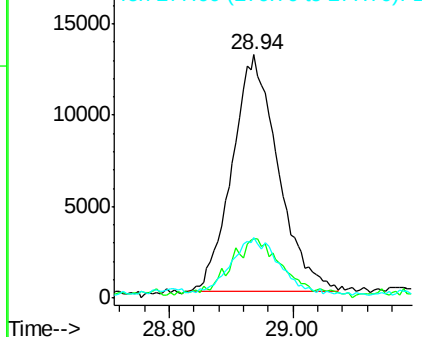
Lab File: BG022076.D

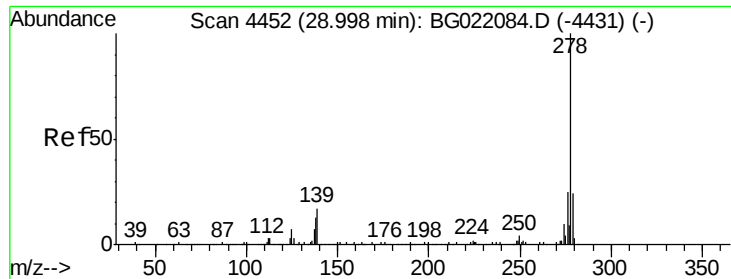
Acq: 26 May 2016 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	67289		
138	24.1		20.8	31.2
277	25.0		17.6	26.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





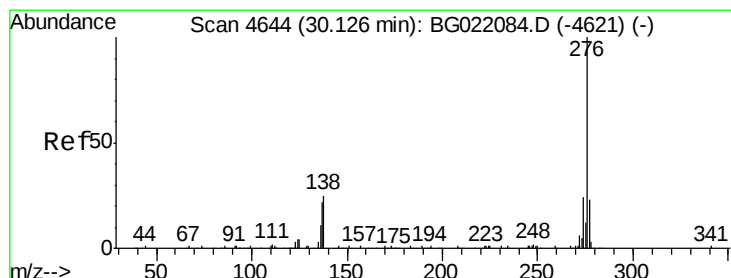
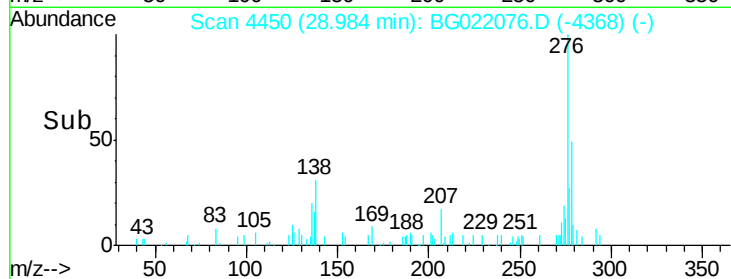
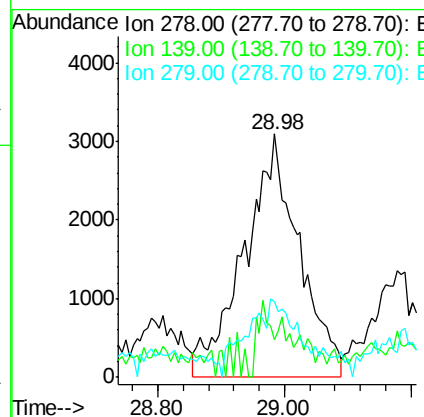
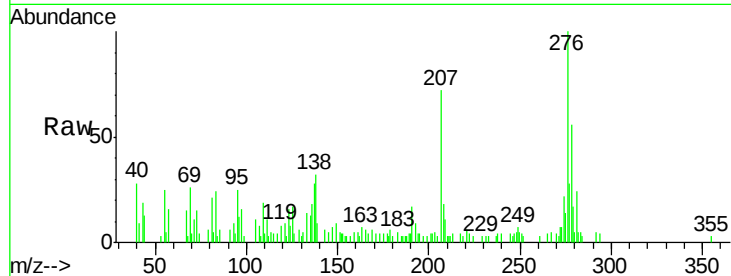
#90
Dibenzo(a,h)anthracene
Concen: 2.19 ng/ul m
RT: 28.98 min Scan# 4450
Delta R.T. -0.02 min
Lab File: BG022076.D
Acq: 26 May 2016 11:40

Instrument :
BNA_G
ClientSampleId :
JHGJ3DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	16.3	24.5#
279	31.2	19.1	28.7#

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#91
Benzo(g,h,i)perylene
Concen: 8.32 ng/ul m
RT: 30.13 min Scan# 4645
Delta R.T. -0.01 min
Lab File: BG022076.D
Acq: 26 May 2016 11:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.5	22.1	33.1
277	25.8	17.0	25.4#

