

Data Path : Z:\HPCHEM1\BNA G\Data\BG112015\
 Data File : BG019754.D
 Acq On : 21 Nov 2015 14:45
 Operator : UM/NP
 Sample : G4428-06DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC7B4DL

Manual Integrations
 APPROVED

Mmdadoda
 11/22/2015 3:21:12 AM

Quant Time: Nov 22 04:05:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 21 01:06:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	21854	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	86236	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.76	164	70247	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	207126	20.00	ng/ul	0.00
78) Chrysene-d12	21.77	240	274430	20.00	ng/ul	0.00
86) Perylene-d12	25.06	264	263725	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	229	0.45	ng/uL	0.00
5) Phenol-d5	7.26	99	5612	2.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	3950	2.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	3867	2.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	4189	2.26	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	1853	2.62	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	2552	3.20	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.56	165	4731	2.75	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	2732	1.67	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	18682	2.94	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	18211	2.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.94	143	1677	1.68	ng/ul	0.00
58) Fluorene-d10	15.74	176	14602	2.57	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.86	200	1892	1.41	ng/ul	0.00
71) Anthracene-d10	17.59	188	23352	2.32	ng/ul	0.00
79) Pyrene-d10	19.87	212	26992	2.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.83	264	23752	1.73	ng/ul	-0.01

Target Compounds

					Ovalue	
28) Naphthalene	11.00	128	16180	3.47	ng/ul#	91
34) 2-Methylnaphthalene	12.59	142	10228	2.75	ng/ul	96
45) Dimethylphthalate	14.20	163	9561	1.52	ng/ul	99
50) Acenaphthene	14.82	153	24340	5.17	ng/ul	92
54) Dibenzofuran	15.15	168	22097	3.20	ng/ul	93
59) Fluorene	15.80	166	36138	5.99	ng/ul	96
70) Phenanthrene	17.54	178	606742	54.74	ng/ul	99
72) Anthracene	17.63	178	94920	8.49	ng/ul	97
75) Carbazole	17.89	167	39987	4.46	ng/ul	96
77) Fluoranthene	19.54	202	570903	40.41	ng/ul	98
80) Pyrene	19.90	202	535290	33.40	ng/ul	97
83) Benzo(a)anthracene	21.74	228	258911	15.56	ng/ul	99
85) Chrysene	21.81	228	261677	16.71	ng/ul	98
88) Benzo(b)fluoranthene	24.02	252	249971	15.38	ng/ul	96
89) Benzo(k)fluoranthene	24.07	252	76644m	4.89	ng/ul	
91) Benzo(a)pyrene	24.90	252	171129	10.94	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.83	276	97339	5.56	ng/ul#	96
93) Dibenzo(a,h)anthracene	28.86	278	29336m	2.04	ng/ul	
94) Benzo(g,h,i)perylene	30.01	276	81740	5.63	ng/ul#	96

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

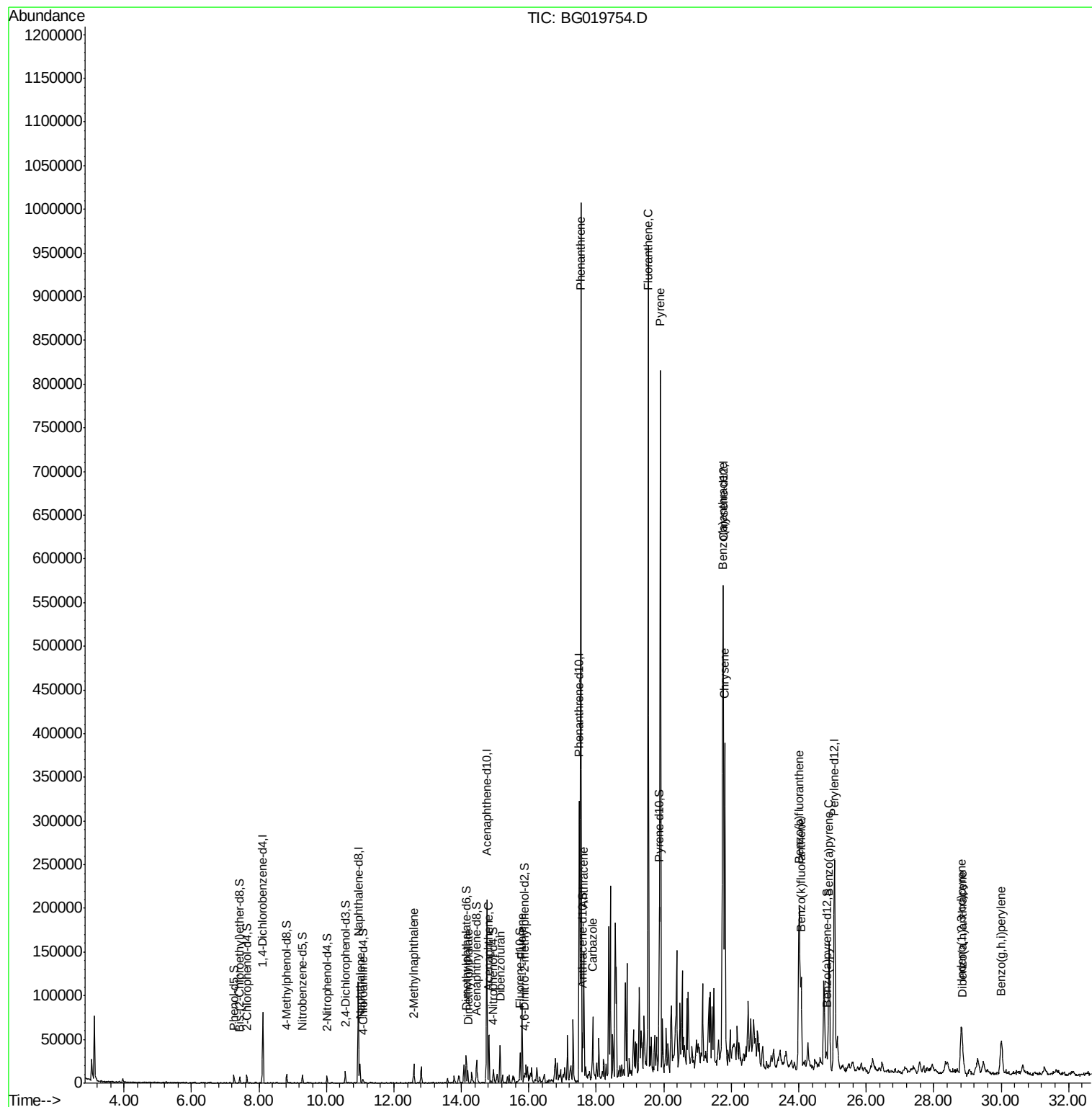
Data Path : Z:\HPCHEM1\BNA G\Data\BG112015\
Data File : BG019754.D
Acq On : 21 Nov 2015 14:45
Operator : UM/NP
Sample : G4428-06DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

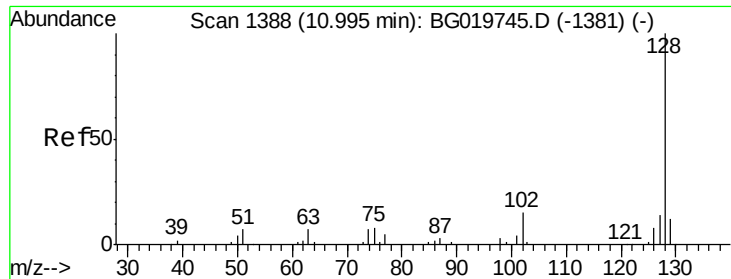
Instrument :
BNA_G
ClientSampleId :
BC7B4DL

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Quant Time: Nov 22 04:05:26 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
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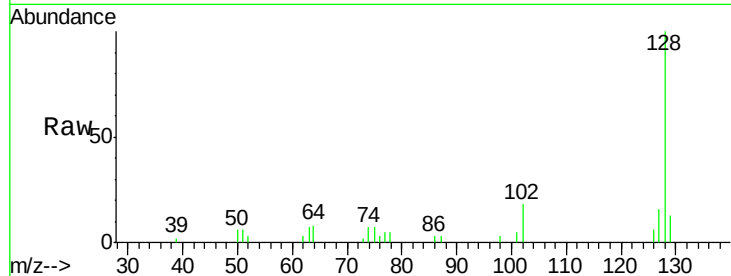
#28
Naphthalene
Concen: 3.47 ng/ul
RT: 11.00 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BG019754.D
Acq: 21 Nov 2015 14:45

Instrument :
BNA_G
ClientSampleId :
BC7B4DL

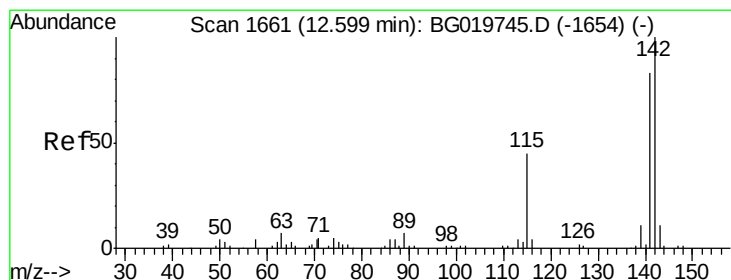
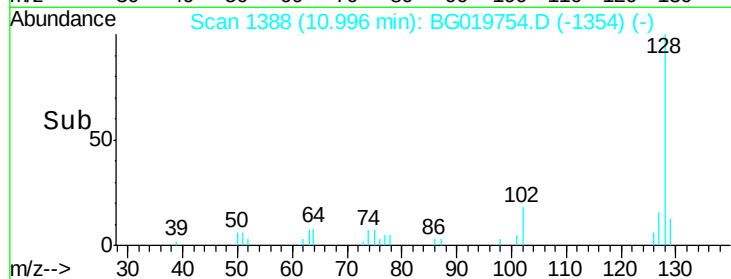
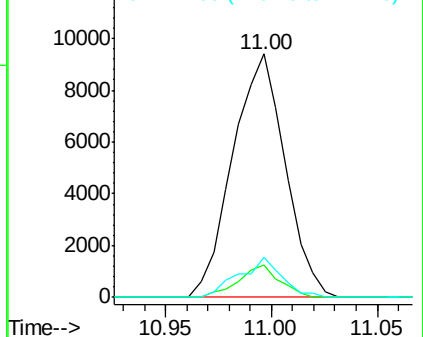
Tot Ion	Ratio	Lower	Upper
128	100		
129	13.3	8.1	12.1
127	16.3	10.0	15.0

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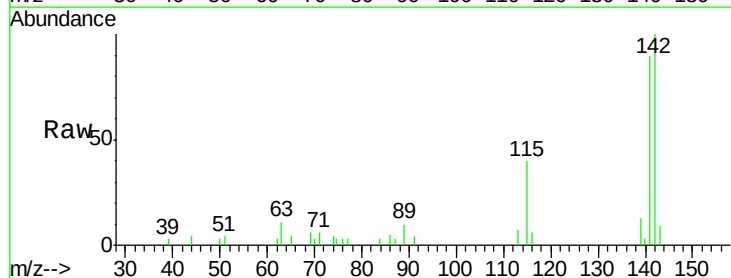


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

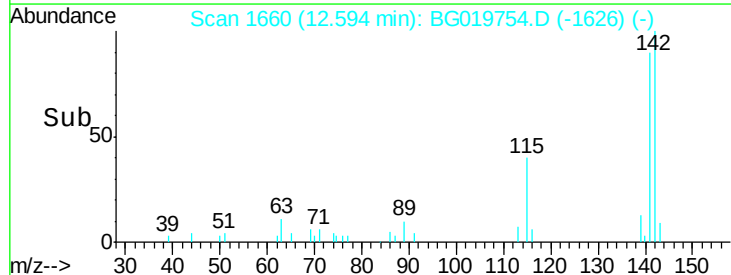
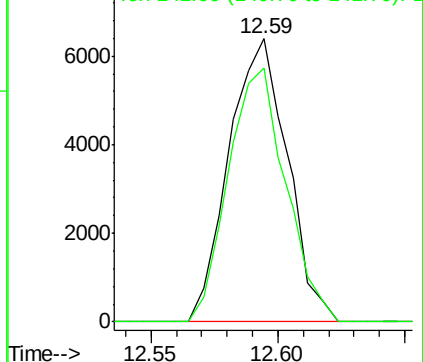


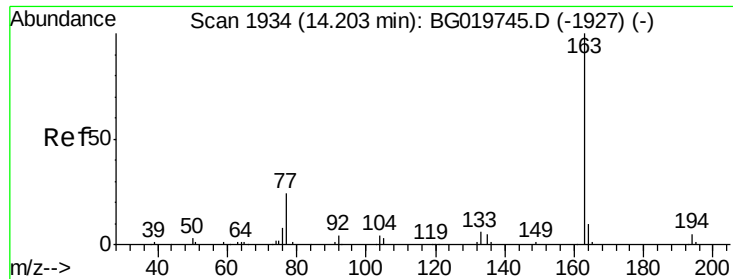
#34
2-Methylnaphthalene
Concen: 2.75 ng/ul
RT: 12.59 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BG019754.D
Acq: 21 Nov 2015 14:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	68.8	103.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





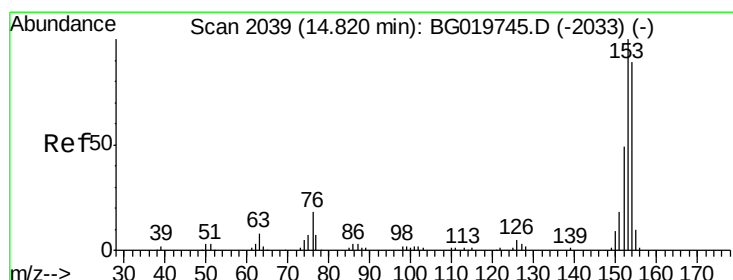
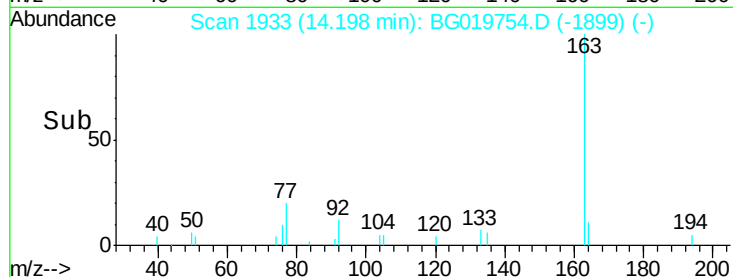
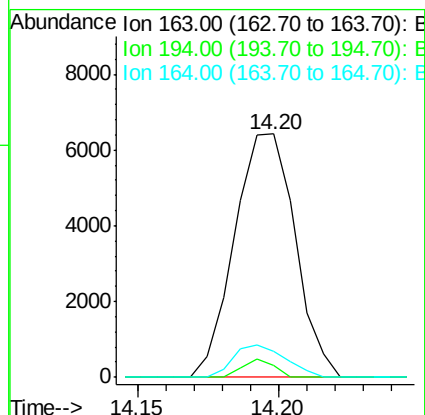
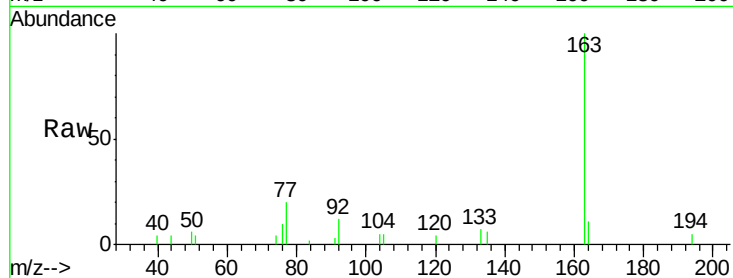
#45
Dimethylphthalate
Concen: 1.52 ng/ul
RT: 14.20 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG019754.D
Acq: 21 Nov 2015 14:45

Instrument :
BNA_G
ClientSampleId :
BC7B4DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.9	8.3	12.5

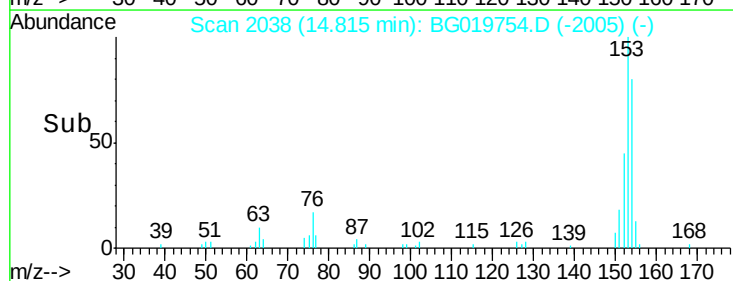
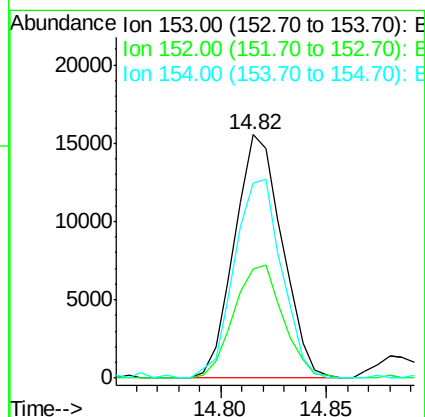
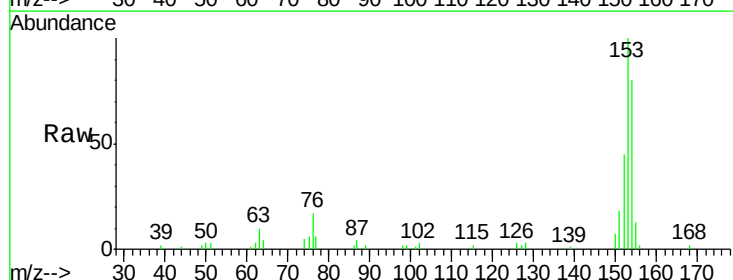
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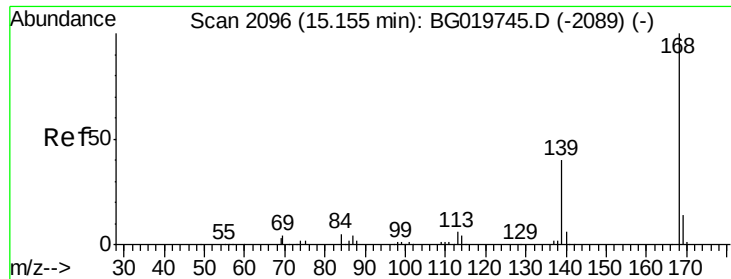
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#50
Acenaphthene
Concen: 5.17 ng/ul
RT: 14.82 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG019754.D
Acq: 21 Nov 2015 14:45

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.0	40.9	61.3
154	80.0	69.1	103.7





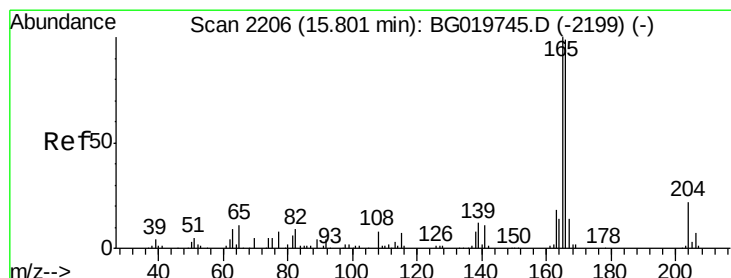
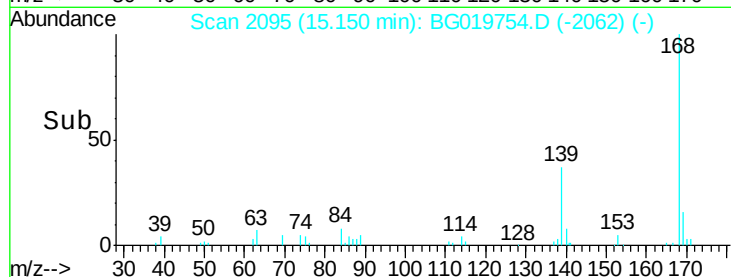
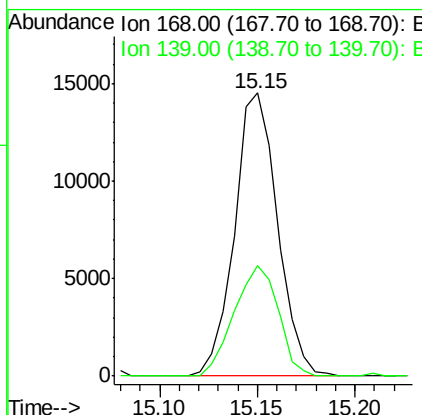
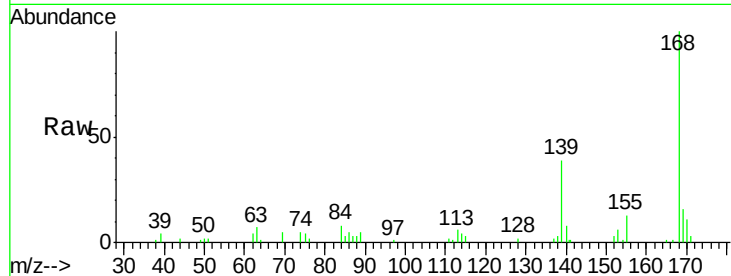
#54
Dibenzenofuran
Concen: 3.20 ng/ul
RT: 15.15 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BG019754.D
Acq: 21 Nov 2015 14:45

Instrument :
BNA_G
ClientSampleId :
BC7B4DL

Tot Ion:168 Resp: 22097
Ion Ratio Lower Upper
168 100
139 39.0 34.7 52.1

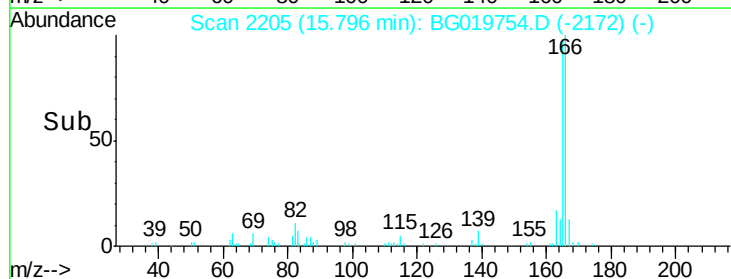
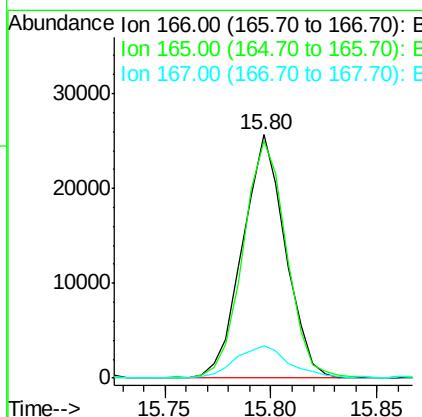
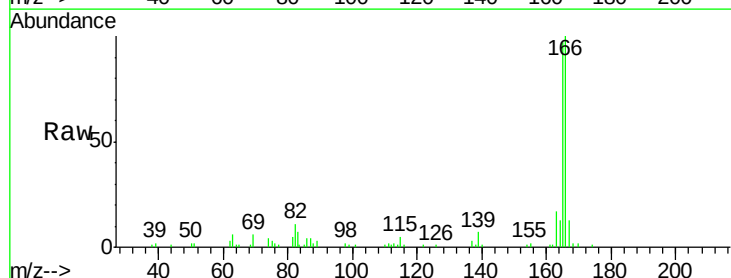
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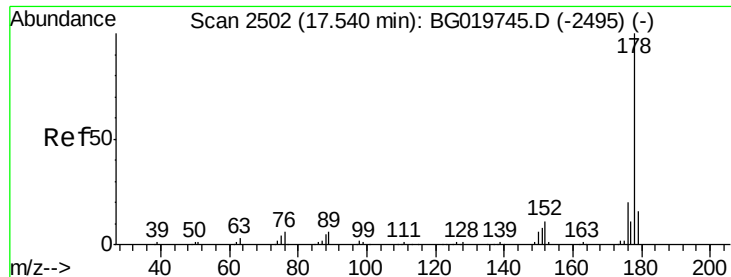
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#59
Fluorene
Concen: 5.99 ng/ul
RT: 15.80 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG019754.D
Acq: 21 Nov 2015 14:45

Tgt Ion:166 Resp: 36138
Ion Ratio Lower Upper
166 100
165 97.4 81.4 122.2
167 13.3 11.1 16.7





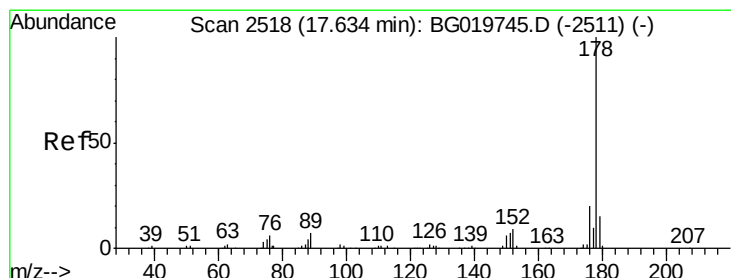
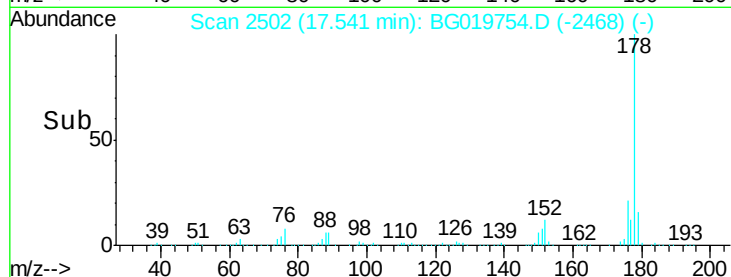
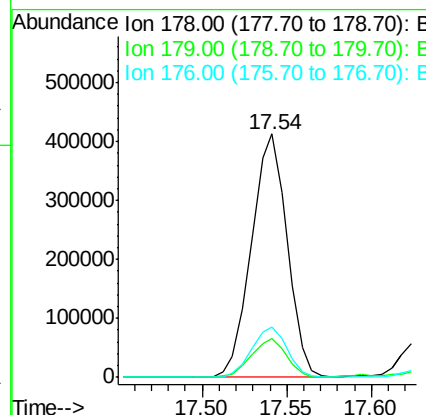
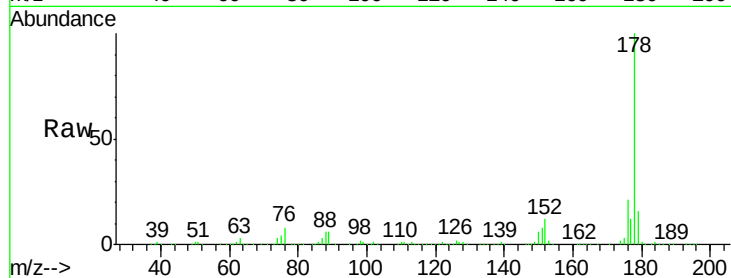
#70
 Phenanthrene
 Concen: 54.74 ng/ul
 RT: 17.54 min Scan# 2502
 Delta R.T. -0.00 min
 Lab File: BG019754.D
 Acq: 21 Nov 2015 14:45

Instrument :
 BNA_G
 ClientSampleId :
 BC7B4DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.2
176	20.6	16.6	24.8

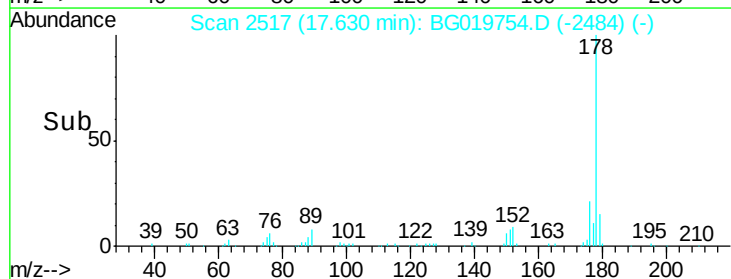
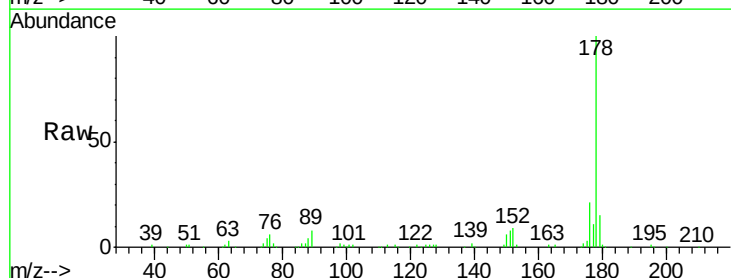
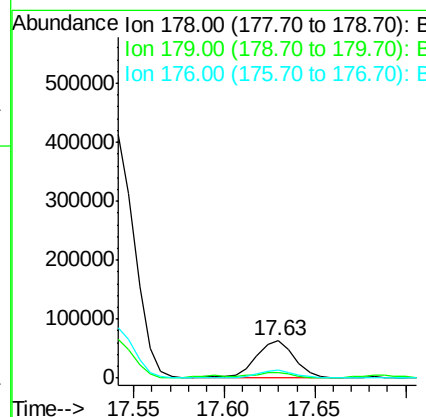
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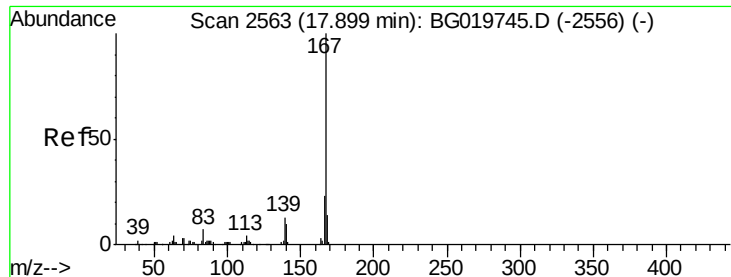
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#72
 Anthracene
 Concen: 8.49 ng/ul
 RT: 17.63 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG019754.D
 Acq: 21 Nov 2015 14:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	20.7	15.0	22.4





#75

Carbazole

Concen: 4.46 ng/ul

RT: 17.89 min Scan# 2562

Delta R.T. -0.01 min

Lab File: BG019754.D

Acq: 21 Nov 2015 14:45

Instrument :

BNA_G

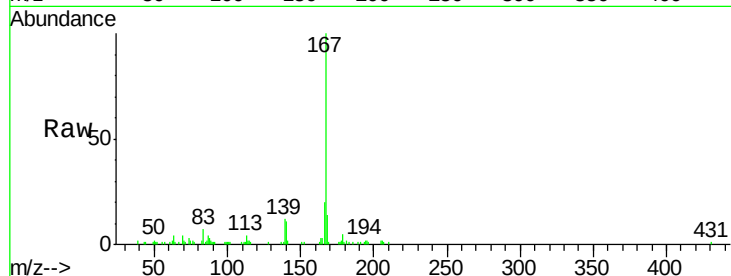
ClientSampleId :

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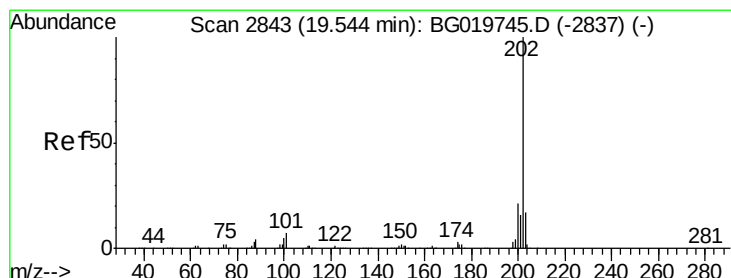
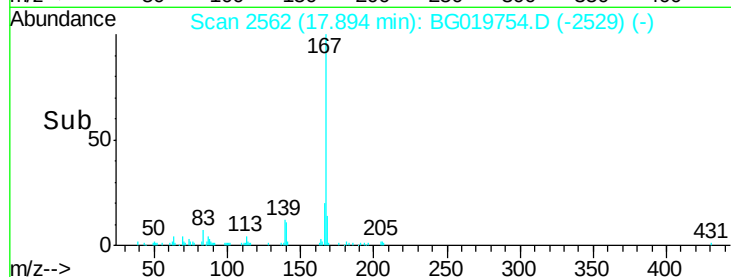
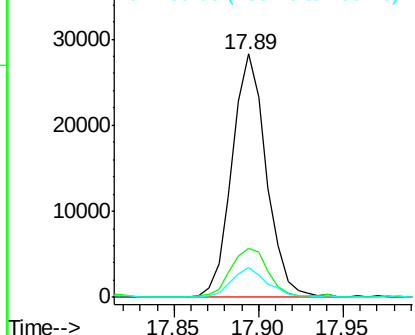
Tot Ion:	167	Resp:	39987
Ion Ratio	Lower	Upper	
167	100		
166	20.1	18.1	27.1
139	12.4	9.8	14.6

Manual Integrations
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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: 40.41 ng/ul

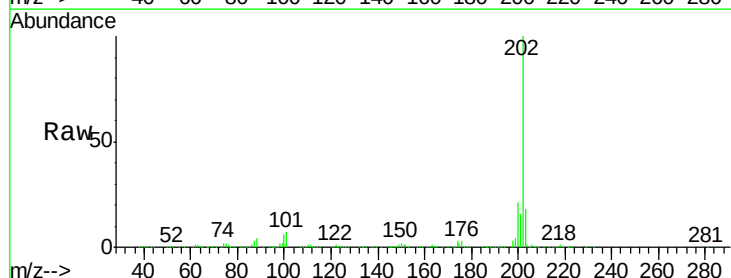
RT: 19.54 min Scan# 2842

Delta R.T. -0.00 min

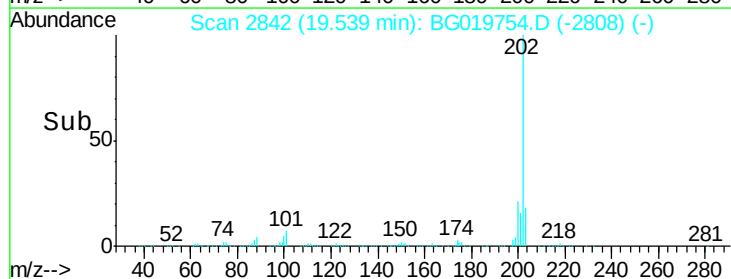
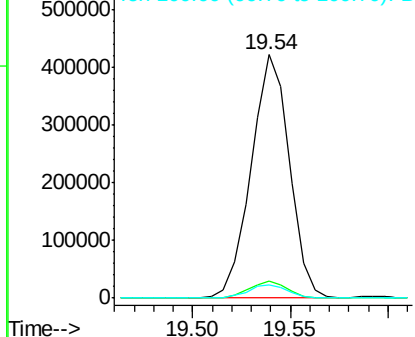
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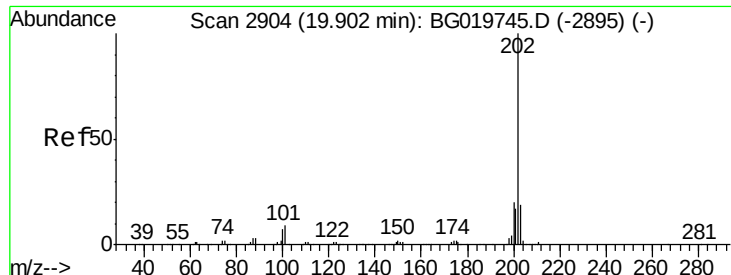
Acq: 21 Nov 2015 14:45

Tgt Ion:	202	Resp:	570903
Ion Ratio	Lower	Upper	
202	100		
101	7.3	5.2	7.8
100	5.6	5.0	7.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





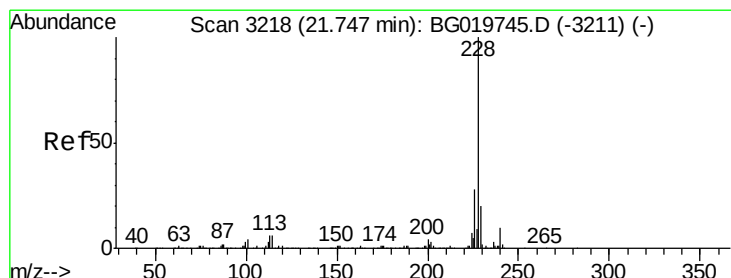
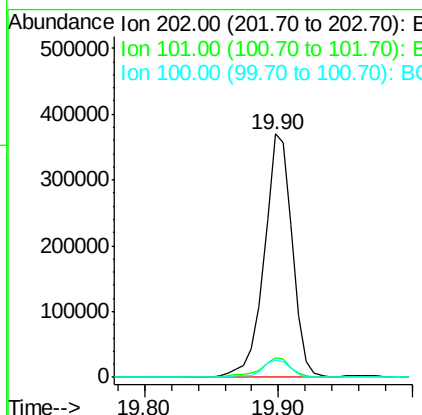
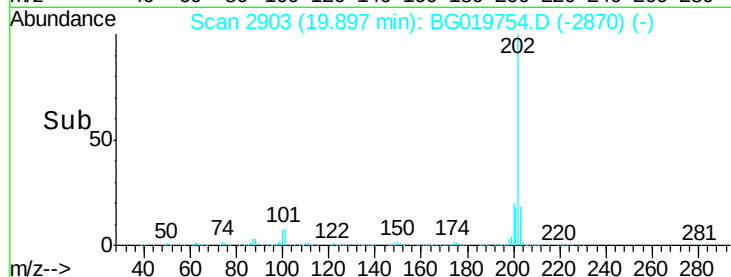
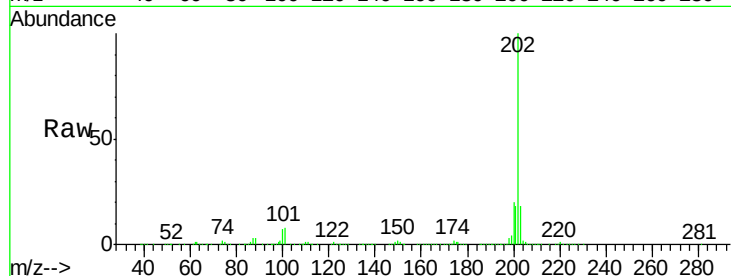
#80
Pvrene
Concen: 33.40 ng/ul
RT: 19.90 min Scan# 2903
Delta R.T. -0.01 min
Lab File: BG019754.D
Acq: 21 Nov 2015 14:45

Instrument :
BNA_G
ClientSampleId :
BC7B4DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.8	7.0	10.6
100	6.8	6.6	10.0

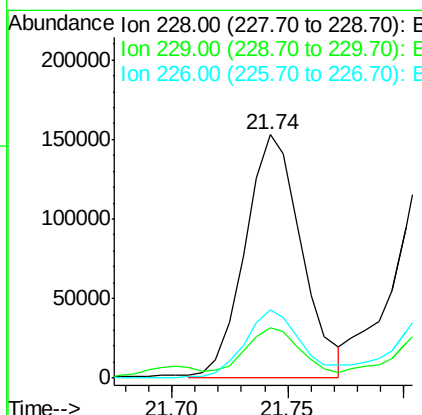
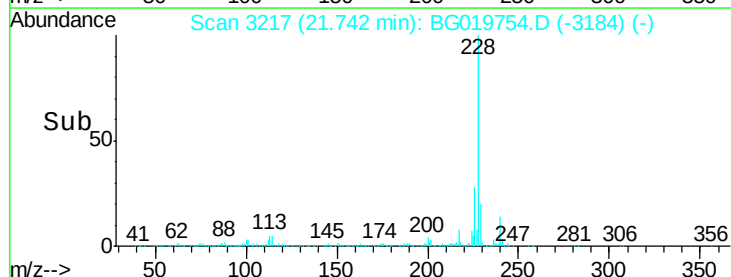
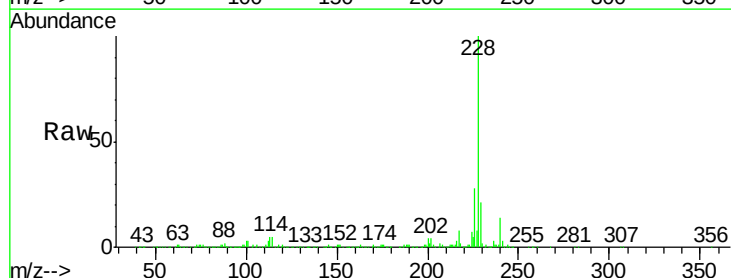
Manual Integrations
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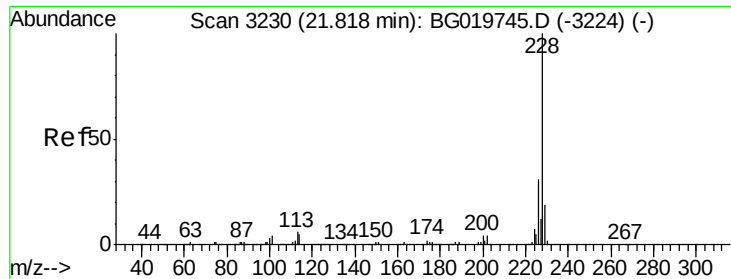
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#83
Benzo(a)anthracene
Concen: 15.56 ng/ul
RT: 21.74 min Scan# 3217
Delta R.T. -0.01 min
Lab File: BG019754.D
Acq: 21 Nov 2015 14:45

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.7	15.7	23.5
226	28.0	22.6	33.8





#85

Chrysene

Concen: 16.71 ng/ul

RT: 21.81 min Scan# 3229

Delta R.T. -0.01 min

Lab File: BG019754.D

Acq: 21 Nov 2015 14:45

Instrument :

BNA_G

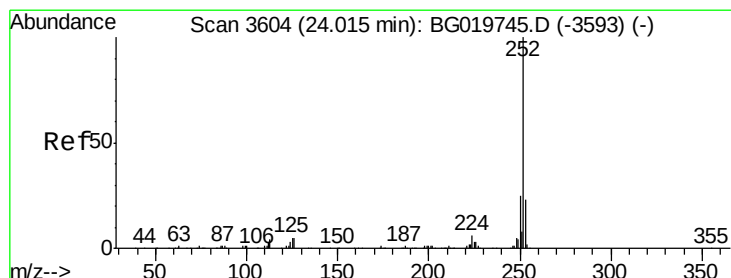
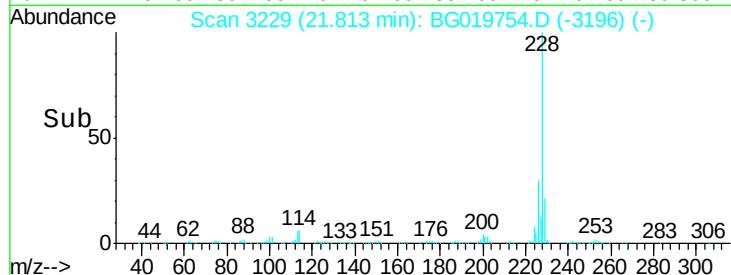
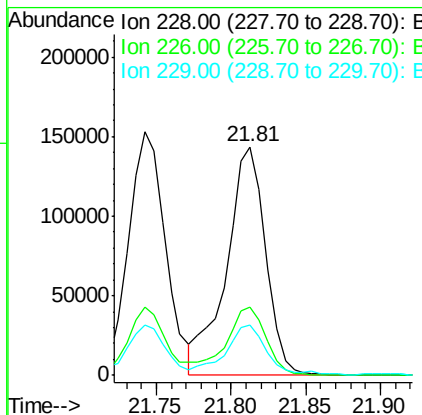
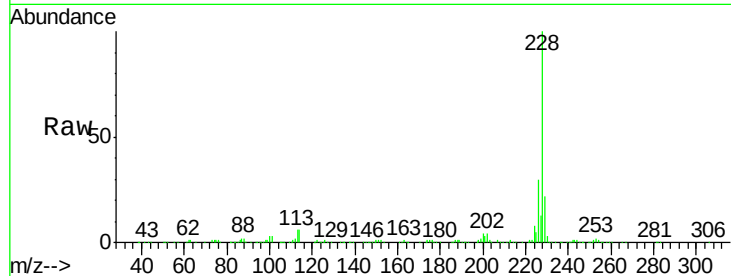
ClientSampleId :

BC7B4DL

Tot Ion:	228	Resp:	261677
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.9	37.3
229	21.8	17.0	25.6

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#88

Benzo(b)fluoranthene

Concen: 15.38 ng/ul

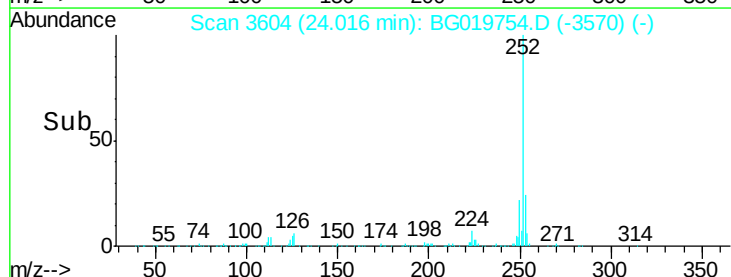
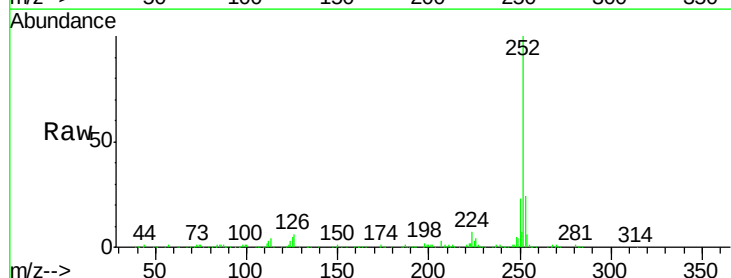
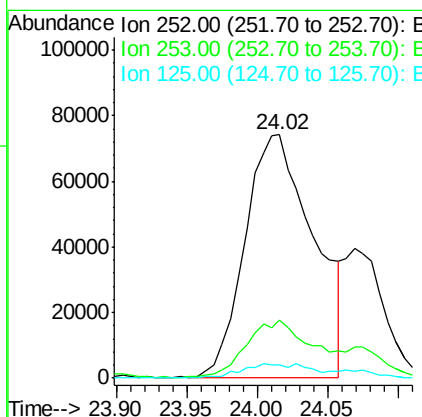
RT: 24.02 min Scan# 3604

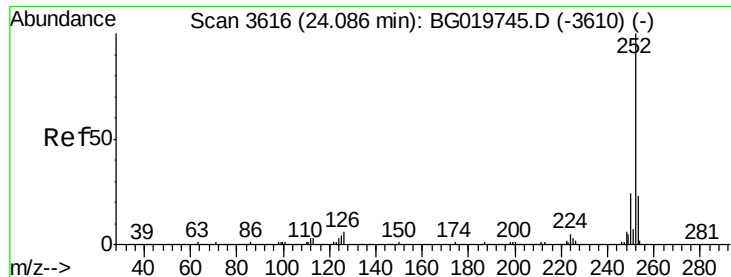
Delta R.T. -0.00 min

Lab File: BG019754.D

Acq: 21 Nov 2015 14:45

Tgt Ion:	252	Resp:	249971
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.1	25.7
125	5.3	4.2	6.4





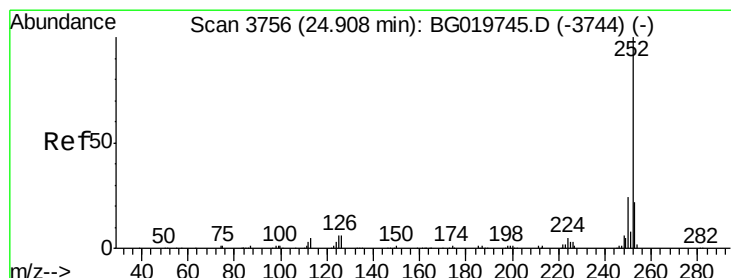
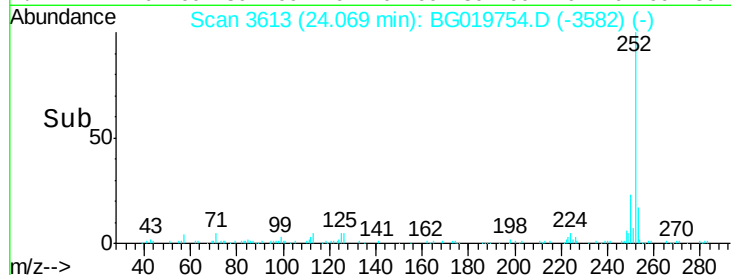
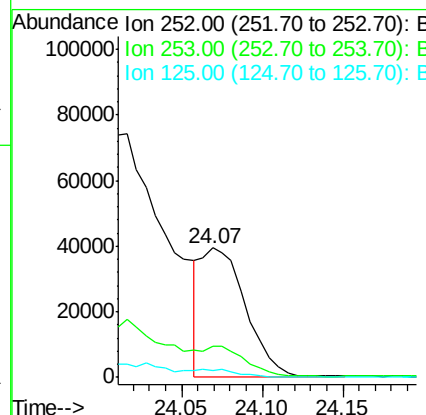
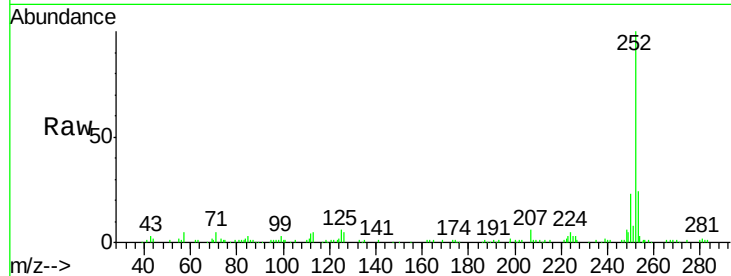
#89
Benzo(k)fluoranthene
Concen: 4.89 ng/ul m
RT: 24.07 min Scan# 3613
Delta R.T. -0.02 min
Lab File: BG019754.D
Acq: 21 Nov 2015 14:45

Instrument :
BNA_G
ClientSampleId :
BC7B4DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	5.8	4.4	6.6

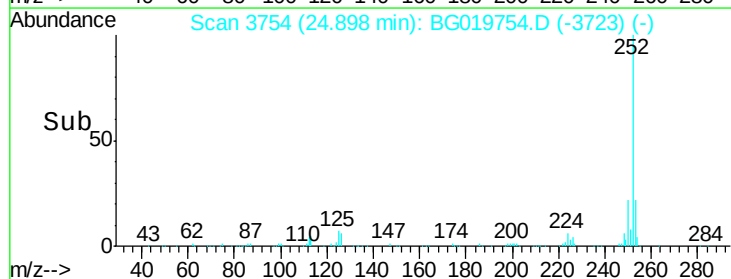
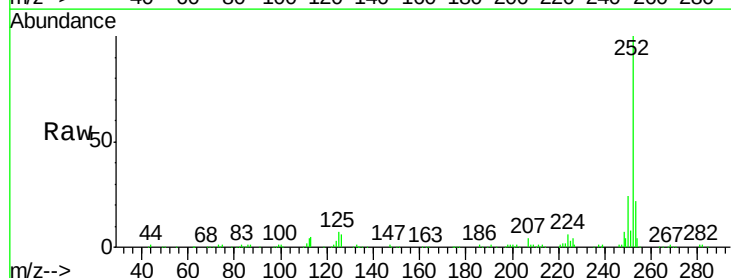
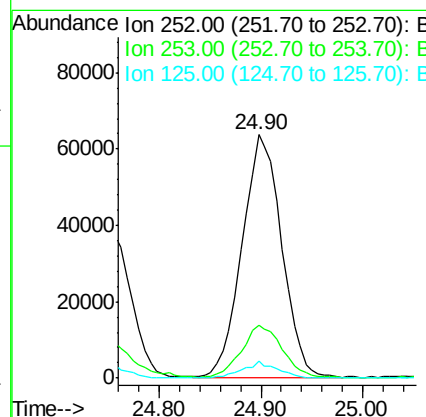
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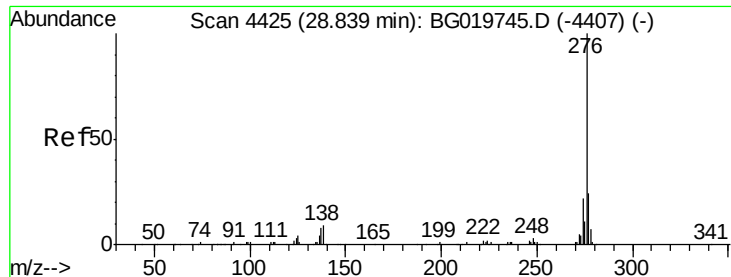
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#91
Benzo(a)pyrene
Concen: 10.94 ng/ul
RT: 24.90 min Scan# 3754
Delta R.T. -0.02 min
Lab File: BG019754.D
Acq: 21 Nov 2015 14:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.9	25.3
125	6.9	5.4	8.0





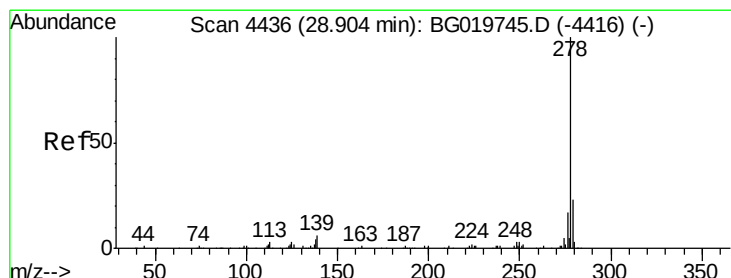
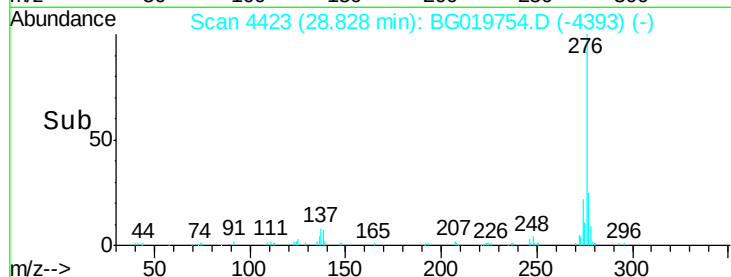
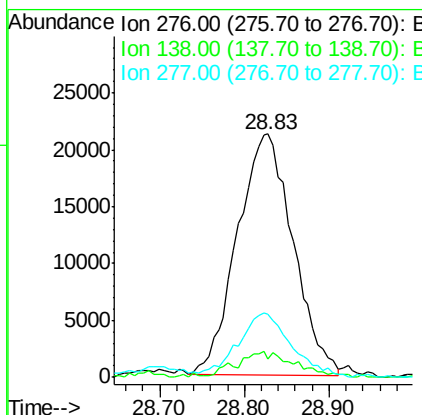
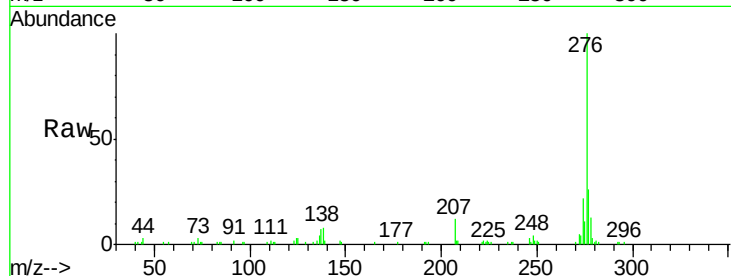
#92
Indeno(1,2,3-cd)pyrene
Concen: 5.56 ng/ul
RT: 28.83 min Scan# 4423
Delta R.T. -0.02 min
Lab File: BG019754.D
Acq: 21 Nov 2015 14:45

Instrument :
BNA_G
ClientSampleId :
BC7B4DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.7	9.9	14.9#
277	26.1	21.3	31.9

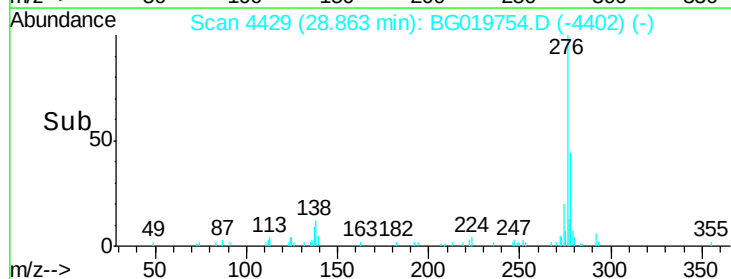
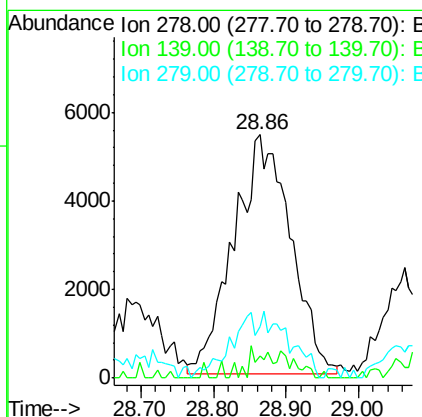
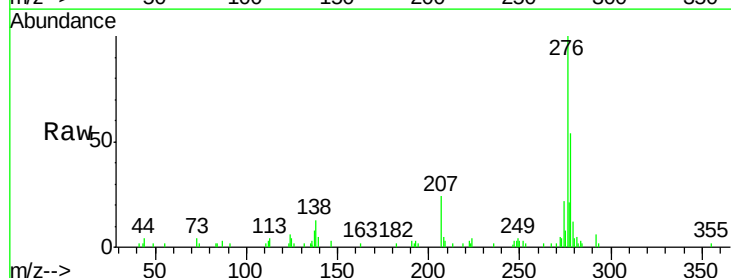
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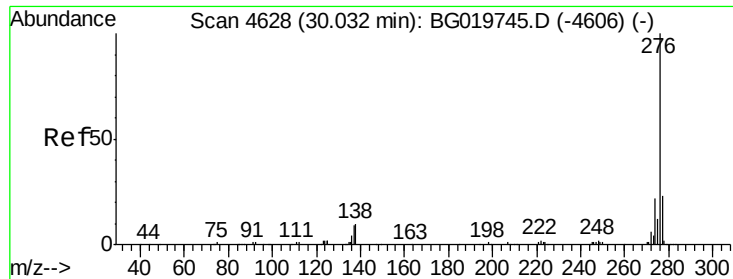
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#93
Dibenzo(a,h)anthracene
Concen: 2.04 ng/ul m
RT: 28.86 min Scan# 4429
Delta R.T. -0.04 min
Lab File: BG019754.D
Acq: 21 Nov 2015 14:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.1	5.9	8.9#
279	21.3	18.2	27.2





#94
 Benzo(a,h,i)perylene
 Concen: 5.63 ng/ul
 RT: 30.01 min Scan# 4624
 Delta R.T. -0.02 min
 Lab File: BG019754.D
 Acq: 21 Nov 2015 14:45

Instrument :
 BNA_G
 ClientSampleId :
 BC7B4DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.5	9.2	13.8#
277	22.6	18.6	28.0

Manual Integrations
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