

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028477.D
 Acq On : 25 Aug 2017 2:03
 Operator : SJ/JU
 Sample : I4840-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AK6

Manual Integrations
 APPROVED

Sohil
 8/25/2017 5:44:01 PM

Quant Time: Aug 25 04:39:04 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 03:52:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	42234	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	174504	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	112780	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	257998	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	318533	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	311881	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	4434	4.89	ng/uL	0.01
5) Phenol-d5	7.49	99	112464	24.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	67188	22.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	82604	28.23	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	89749	23.15	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	42396	31.07	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	50760	33.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	97054	31.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	29597	8.59	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	306939	30.60	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	353340	31.24	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	36287m	22.75	ng/ul	0.00
57) Fluorene-d10	15.94	176	258978	28.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.05	200	43271	25.82	ng/ul	0.00
70) Anthracene-d10	17.80	188	410597m	33.19	ng/ul	0.00
76) Pyrene-d10	20.07	212	487167	29.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	482530	33.05	ng/ul	0.02

Target Compounds

					Ovalue
6) Phenol	7.52	94	16036	3.479	ng/ul 100
28) Naphthalene	11.21	128	29445	3.407	ng/ul# 92
34) 2-Methylnaphthalene	12.79	142	13514	1.947	ng/ul 95
44) Dimethylphthalate	14.38	163	117069	12.675	ng/ul 97
49) Acenaphthene	15.01	153	25520	3.500	ng/ul 93
53) Dibenzofuran	15.34	168	34175	3.214	ng/ul 98
58) Fluorene	15.99	166	27832	2.957	ng/ul 93
69) Phenanthrene	17.74	178	589599	45.410	ng/ul 99
71) Anthracene	17.83	178	93677	7.059	ng/ul 97
72) Carbazole	18.10	167	54513	4.724	ng/ul 93
74) Fluoranthene	19.74	202	915013	57.988	ng/ul 99
77) Pyrene	20.10	202	835852	43.983	ng/ul 100
80) Benzo(a)anthracene	22.01	228	474885	25.802	ng/ul 98
82) Chrysene	22.08	228	476187	28.729	ng/ul 97
85) Benzo(b)fluoranthene	24.43	252	560375	30.025	ng/ul# 94
86) Benzo(k)fluoranthene	24.48	252	225720m	12.382	ng/ul
88) Benzo(a)pyrene	25.38	252	428069	23.689	ng/ul 99
89) Indeno(1,2,3-cd)pyrene	29.58	276	228793	10.812	ng/ul# 96
90) Dibenzo(a,h)anthracene	29.64	278	58542m	3.301	ng/ul
91) Benzo(g,h,i)perylene	30.85	276	189704m	10.897	ng/ul

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

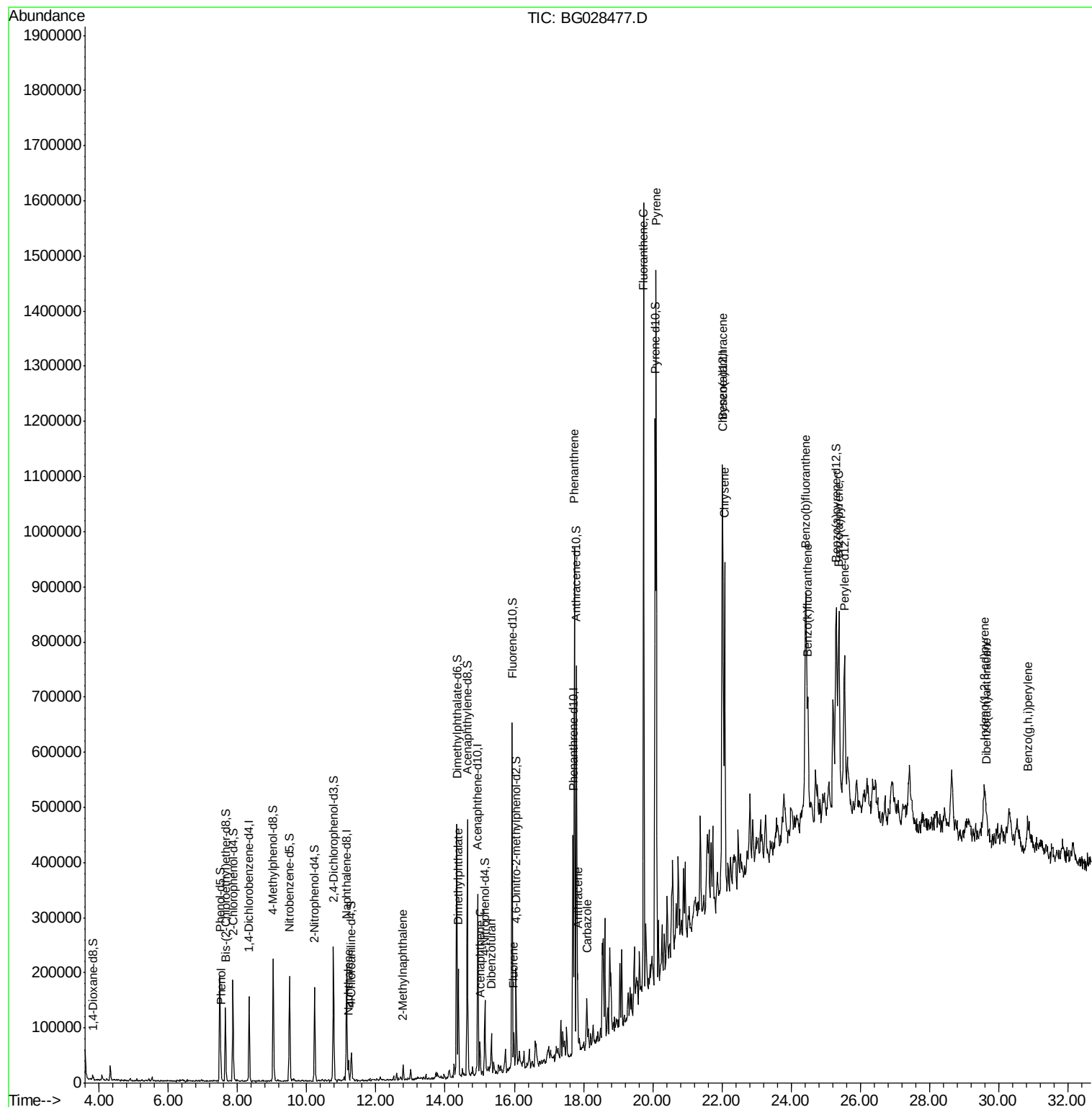
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
Data File : BG028477.D
Acq On : 25 Aug 2017 2:03
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Sample : I4840-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

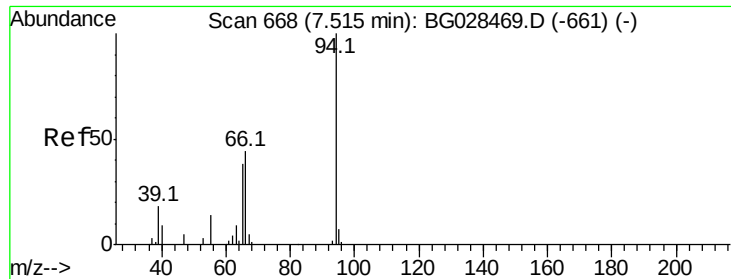
Instrument :
BNA_G
ClientSampled :
B0AK6

Manual Integrations
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Quant Time: Aug 25 04:39:04 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 25 03:52:53 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.479 ng/ul

RT: 7.52 min Scan# 669

Delta R.T. 0.01 min

Lab File: BG028477.D

Acq: 25 Aug 2017 2:03

Instrument :

BNA_G

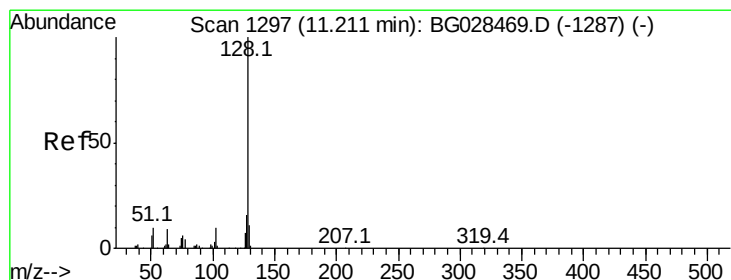
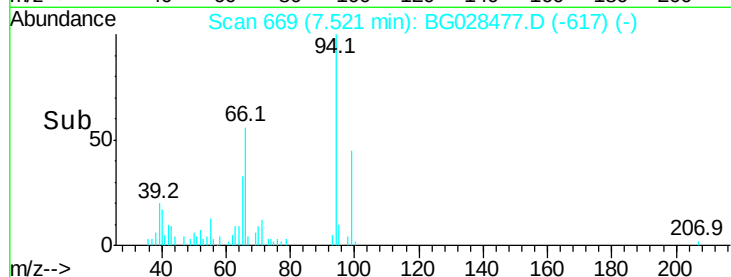
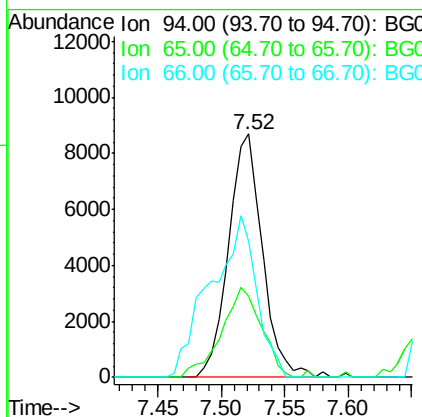
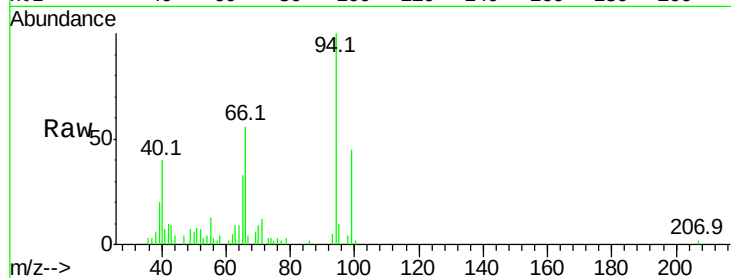
ClientSampled :

B0AK6

Tot Ion	94	Resp	16036
Ion Ratio	Lower	Upper	
94	100		
65	33.5	26.8	40.2
66	55.9	44.4	66.6

Manual Integrations
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#28

Naphthalene

Concen: 3.407 ng/ul

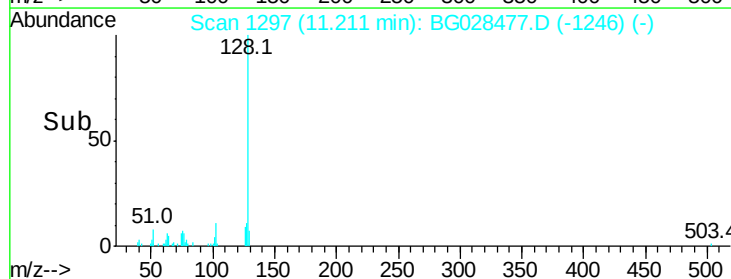
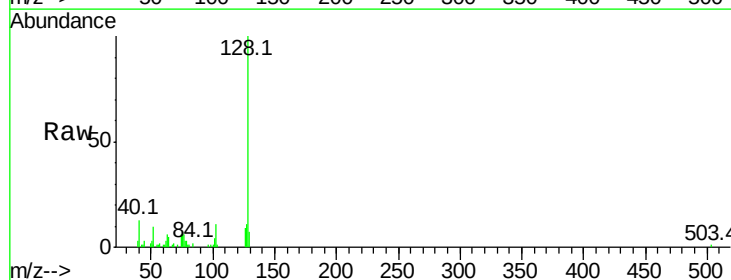
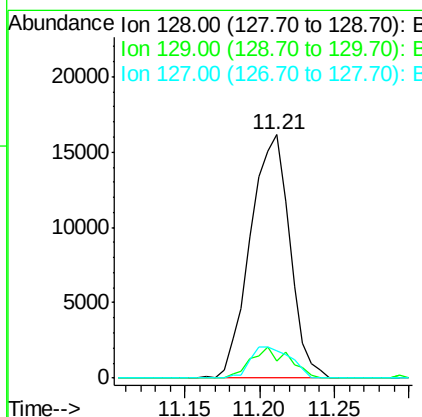
RT: 11.21 min Scan# 1297

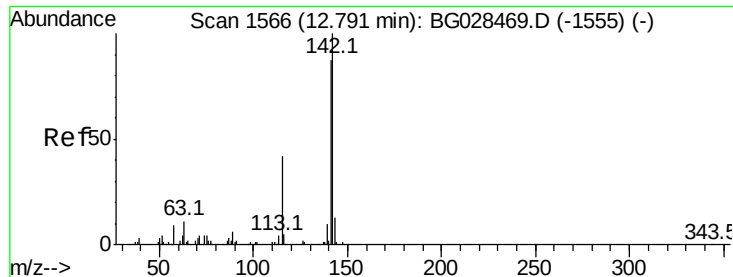
Delta R.T. 0.00 min

Lab File: BG028477.D

Acq: 25 Aug 2017 2:03

Tgt Ion	128	Resp	29445
Ion Ratio	Lower	Upper	
128	100		
129	7.2	9.4	14.2#
127	11.3	10.3	15.5





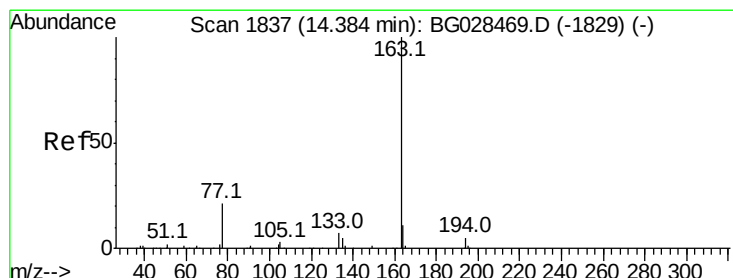
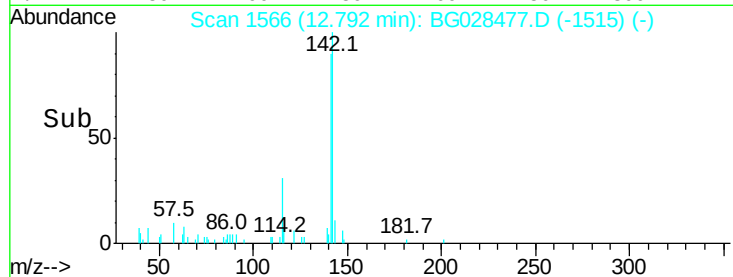
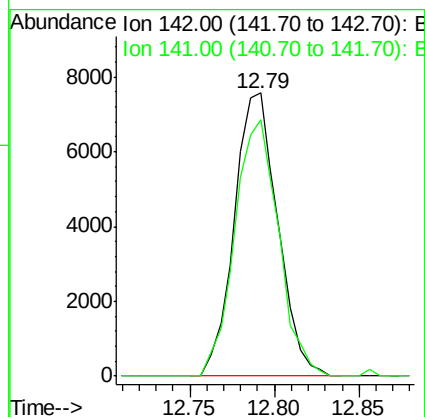
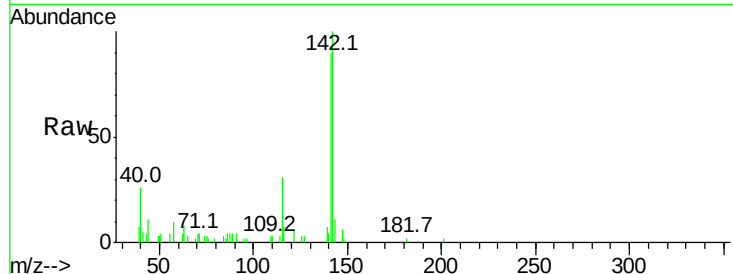
#34
 2-Methylnaphthalene
 Concen: 1.947 ng/ul
 RT: 12.79 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BG028477.D
 Acq: 25 Aug 2017 2:03

Instrument :
 BNA_G
 ClientSampleId :
 B0AK6

Tot Ion	Ratio	Resp	Lower	Upper
142	100	13514		
141	90.4	68.6	102.8	

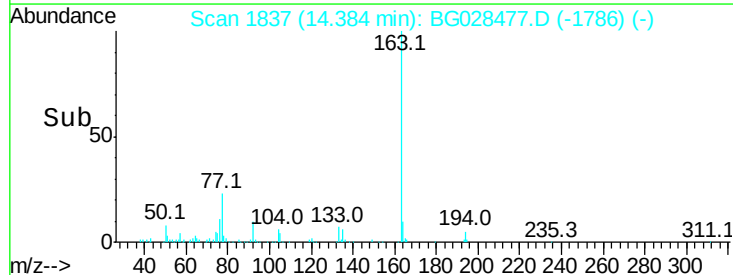
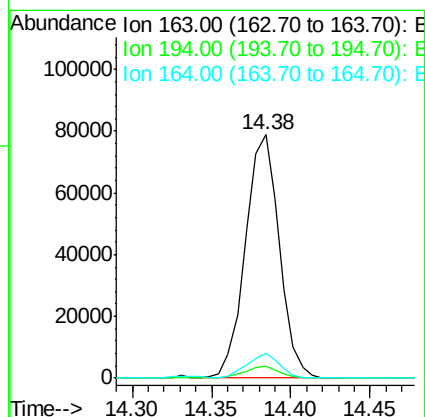
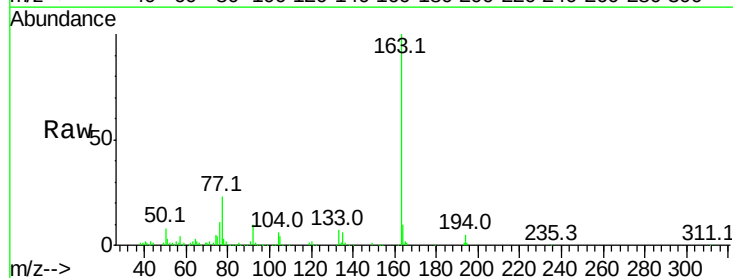
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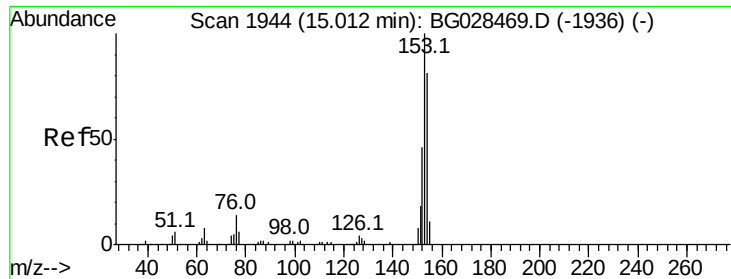
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#44
 Dimethylphthalate
 Concen: 12.675 ng/ul
 RT: 14.38 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: BG028477.D
 Acq: 25 Aug 2017 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	117069		
194	4.7	3.4	5.0	
164	10.1	9.0	13.4	





#49

Acenaphthene

Concen: 3.500 ng/ul

RT: 15.01 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG028477.D

Acq: 25 Aug 2017 2:03

Instrument :

BNA_G

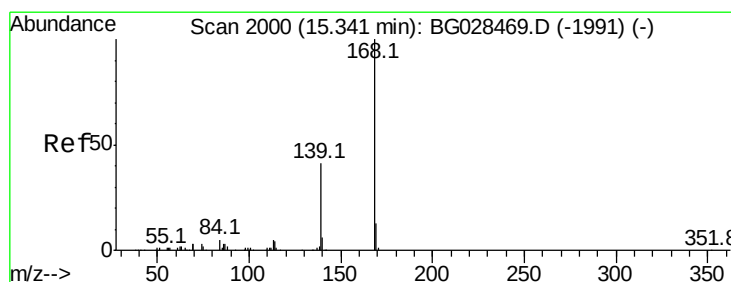
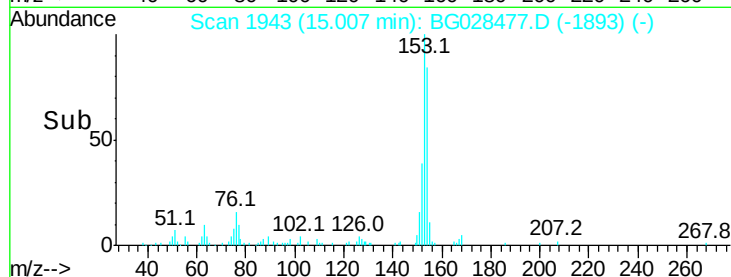
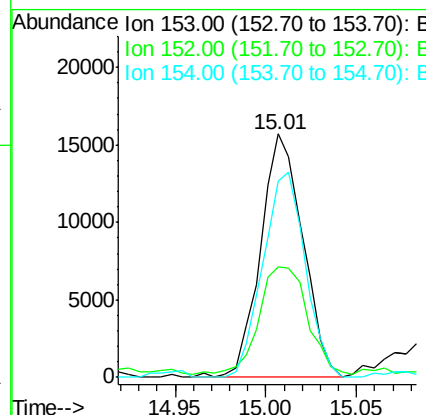
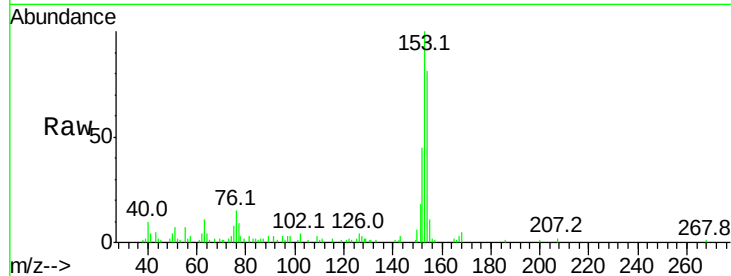
ClientSampleId :

B0AK6

Tot Ion:	153	Resp:	25520
Ion Ratio	Lower	Upper	
153	100		
152	45.3	36.5	54.7
154	80.6	72.3	108.5

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#53

Dibenzofuran

Concen: 3.214 ng/ul

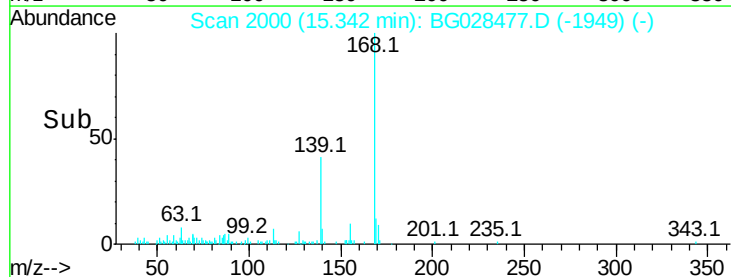
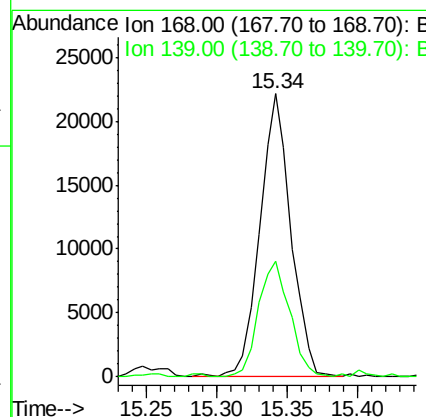
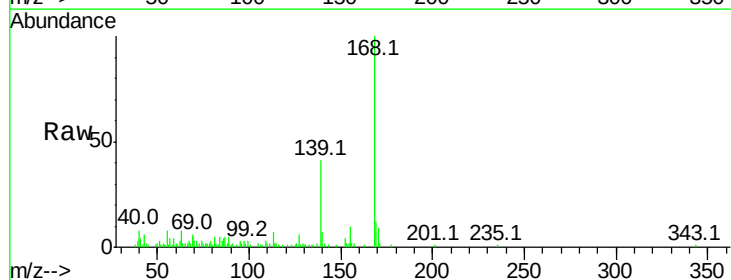
RT: 15.34 min Scan# 2000

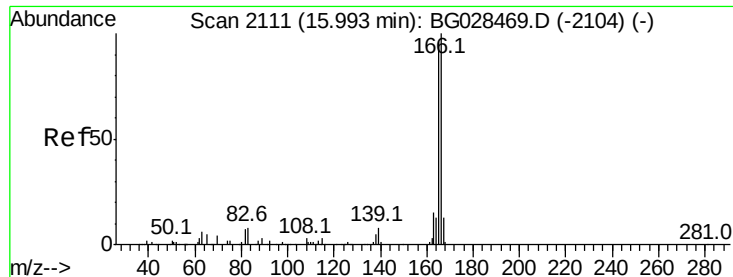
Delta R.T. 0.00 min

Lab File: BG028477.D

Acq: 25 Aug 2017 2:03

Tgt Ion:	168	Resp:	34175
Ion Ratio	Lower	Upper	
168	100		
139	40.9	33.8	50.8





#58

Fluorene

Concen: 2.957 ng/ul

RT: 15.99 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BG028477.D

Acq: 25 Aug 2017 2:03

Instrument :

BNA_G

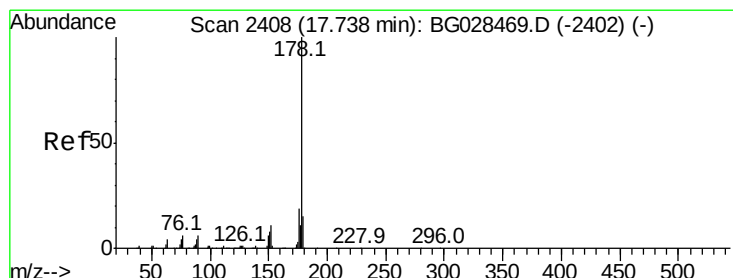
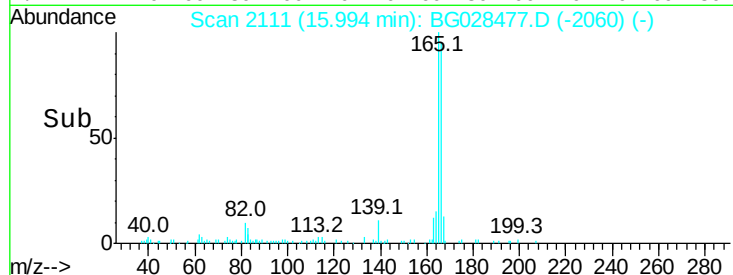
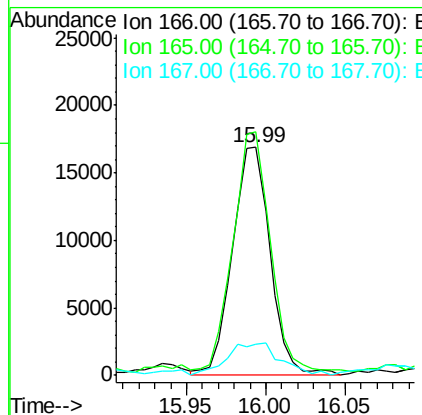
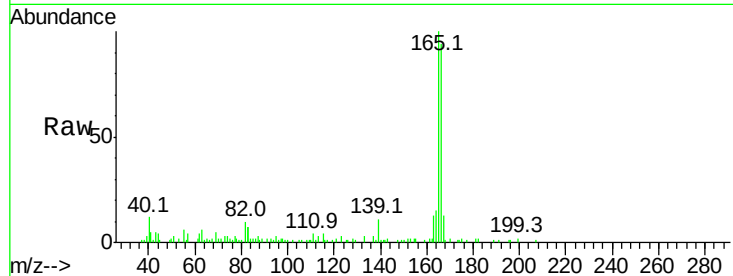
ClientSampleId :

B0AK6

Tot Ion:	166	Resp:	27832
Ion Ratio	Lower	Upper	
166	100		
165	106.9	79.7	119.5
167	13.6	11.4	17.2

Manual Integrations
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#69

Phenanthrene

Concen: 45.410 ng/ul

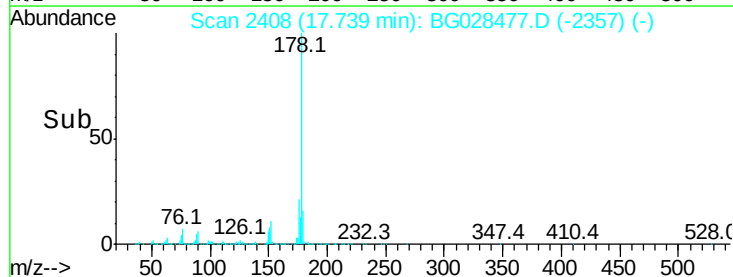
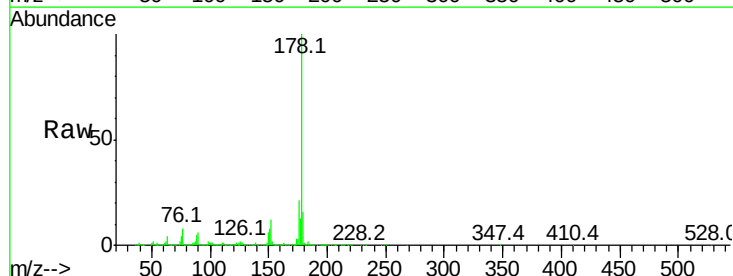
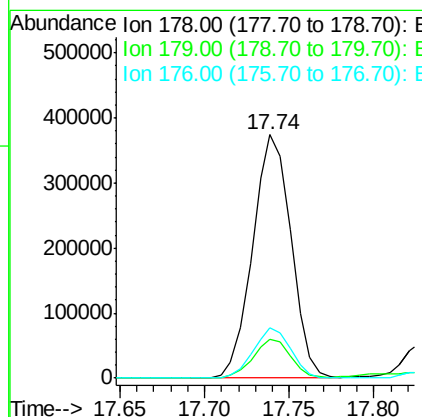
RT: 17.74 min Scan# 2408

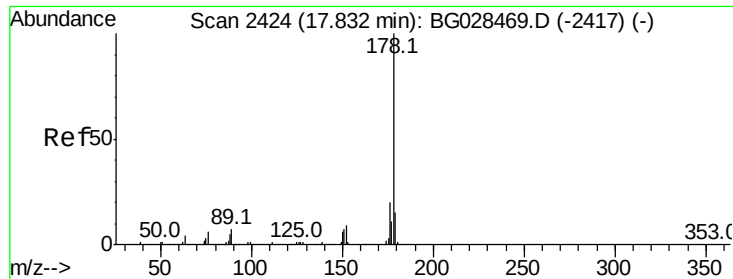
Delta R.T. 0.00 min

Lab File: BG028477.D

Acq: 25 Aug 2017 2:03

Tgt Ion:	178	Resp:	589599
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.4	18.6
176	20.6	16.5	24.7





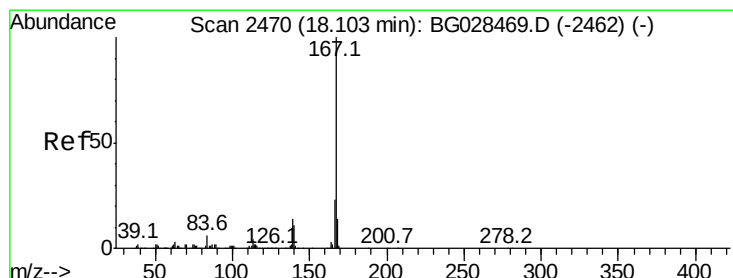
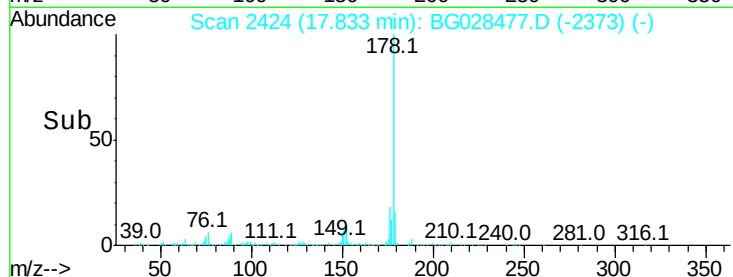
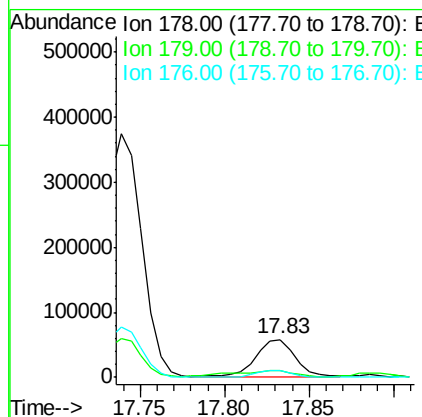
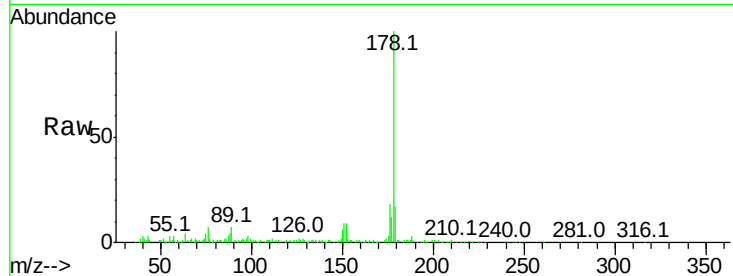
#71
 Anthracene
 Concen: 7.059 ng/ul
 RT: 17.83 min Scan# 2424
 Delta R.T. 0.00 min
 Lab File: BG028477.D
 Acq: 25 Aug 2017 2:03

Instrument :
 BNA_G
 ClientSampleId :
 B0AK6

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.6	19.0
176	18.0	15.9	23.9

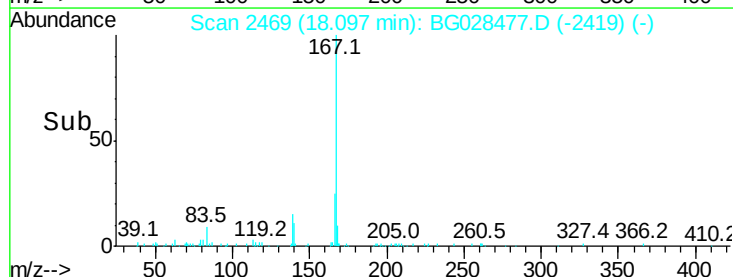
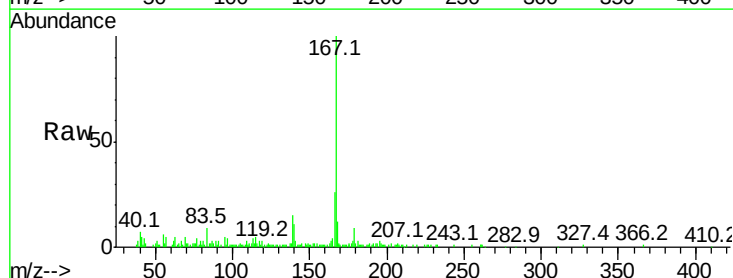
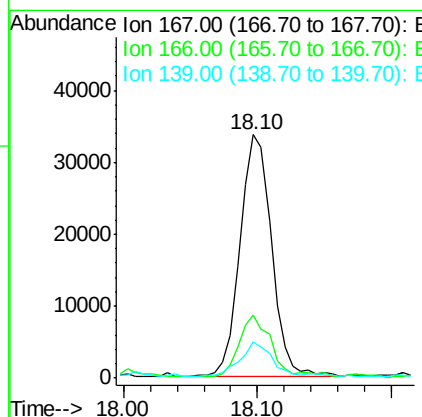
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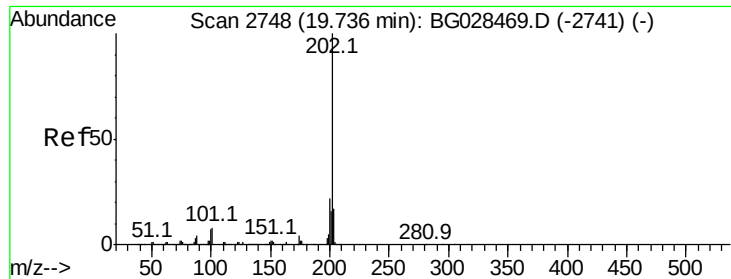
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#72
 Carbazole
 Concen: 4.724 ng/ul
 RT: 18.10 min Scan# 2469
 Delta R.T. -0.01 min
 Lab File: BG028477.D
 Acq: 25 Aug 2017 2:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	26.1	17.9	26.9
139	15.1	10.5	15.7





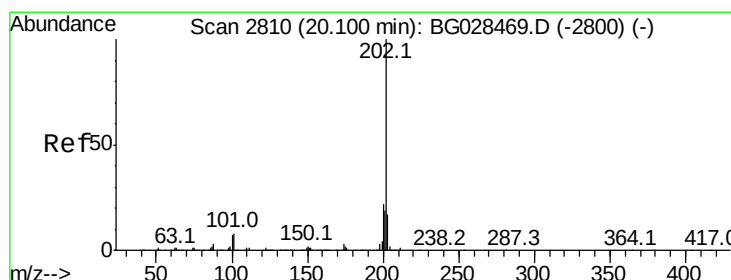
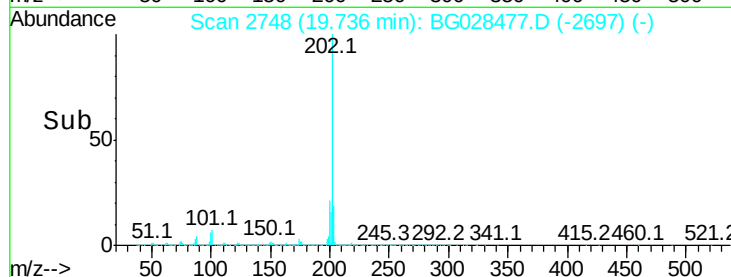
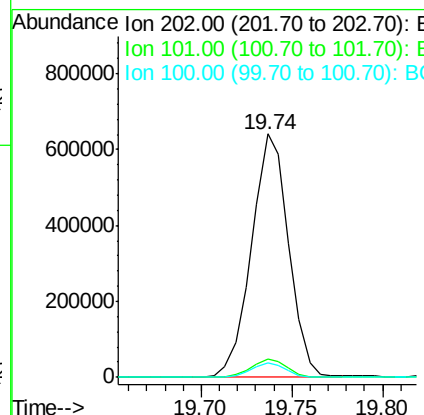
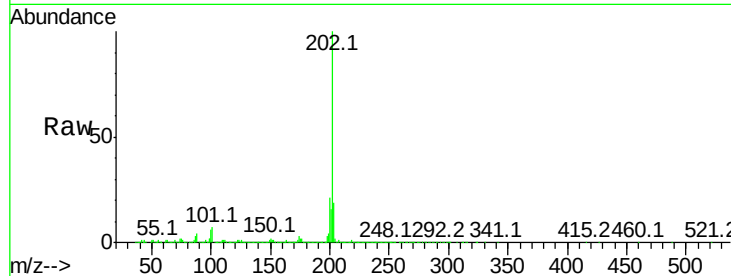
#74
 Fluoranthene
 Concen: 57.988 ng/ul
 RT: 19.74 min Scan# 2748
 Delta R.T. 0.00 min
 Lab File: BG028477.D
 Acq: 25 Aug 2017 2:03

Instrument :
 BNA_G
 ClientSampleId :
 B0AK6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.3	6.2	9.2
100	6.1	5.2	7.8

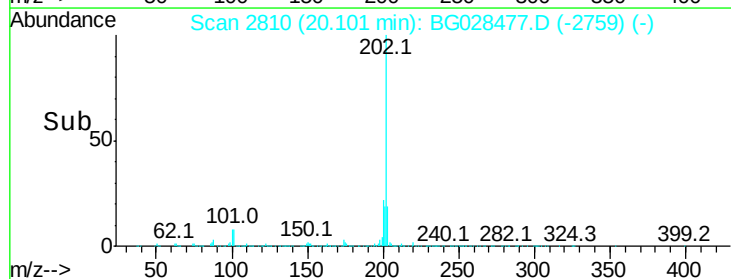
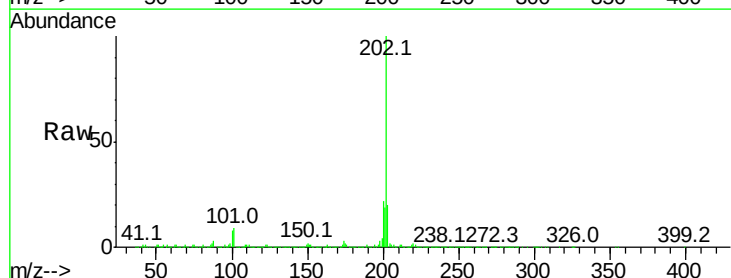
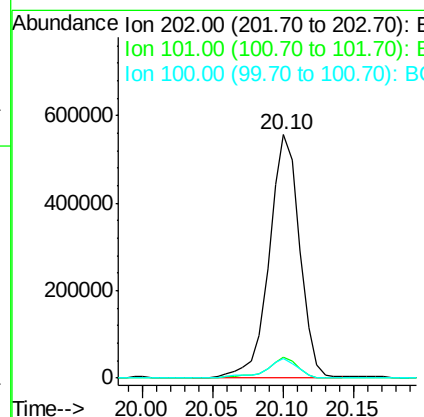
Manual Integrations
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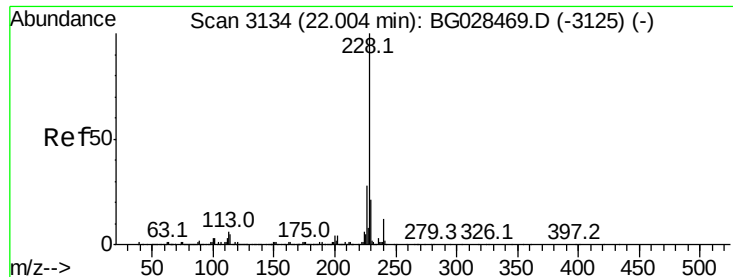
Sohil
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#77
 Pyrene
 Concen: 43.983 ng/ul
 RT: 20.10 min Scan# 2810
 Delta R.T. 0.00 min
 Lab File: BG028477.D
 Acq: 25 Aug 2017 2:03

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.5	6.9	10.3
100	8.3	6.6	10.0





#80

Benzo(a)anthracene

Concen: 25.802 ng/ul

RT: 22.01 min Scan# 3135

Delta R.T. 0.01 min

Lab File: BG028477.D

Acq: 25 Aug 2017 2:03

Instrument :

BNA_G

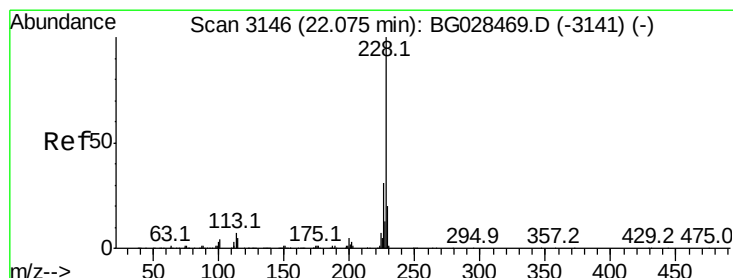
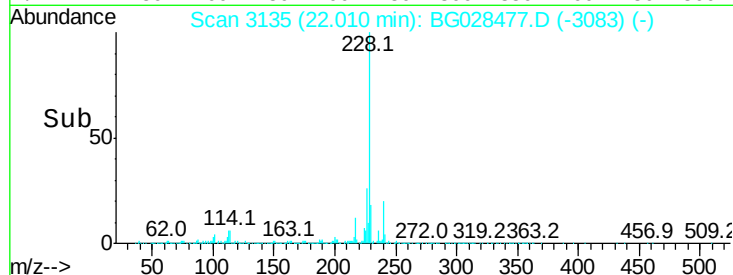
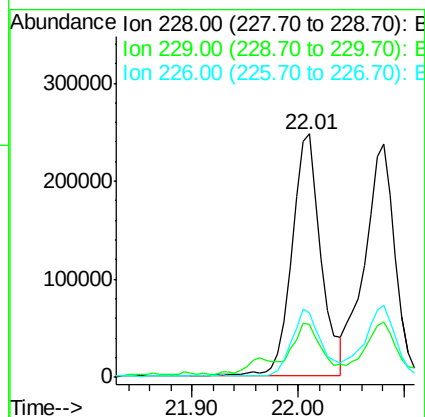
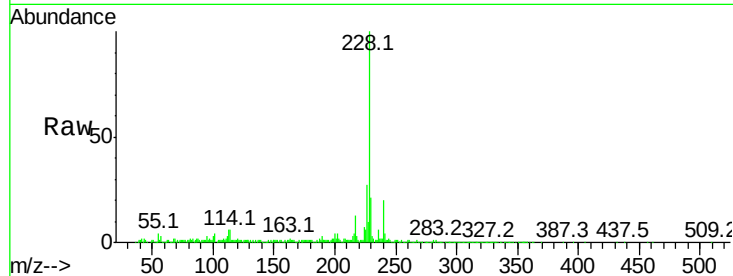
ClientSampleId :

B0AK6

Tot Ion:	228	Resp:	474885
Ion Ratio	Lower	Upper	
228	100		
229	21.5	16.3	24.5
226	26.7	21.9	32.9

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#82

Chrysene

Concen: 28.729 ng/ul

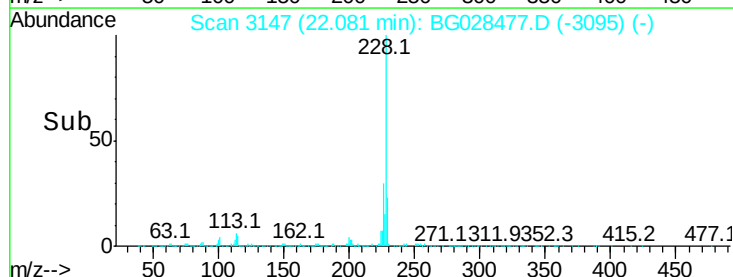
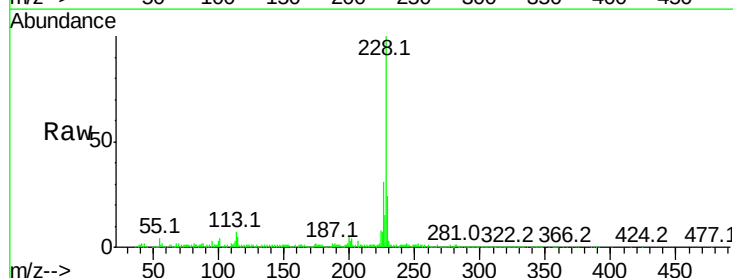
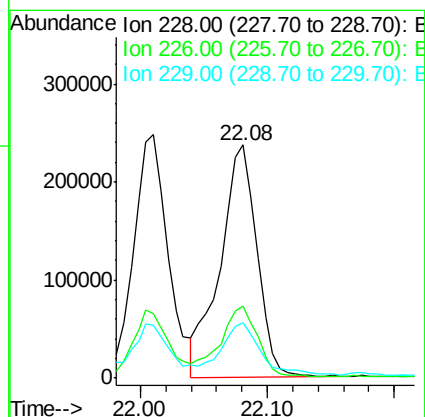
RT: 22.08 min Scan# 3147

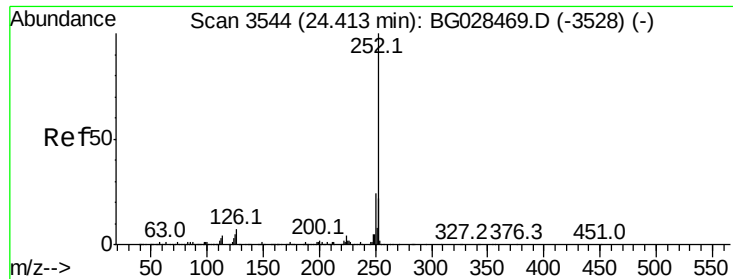
Delta R.T. 0.01 min

Lab File: BG028477.D

Acq: 25 Aug 2017 2:03

Tgt Ion:	228	Resp:	476187
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.0	36.0
229	23.5	16.9	25.3





#85

Benzo(b)fluoranthene

Concen: 30.025 ng/ul

RT: 24.43 min Scan# 3547

Delta R.T. 0.02 min

Lab File: BG028477.D

Acq: 25 Aug 2017 2:03

Instrument :

BNA_G

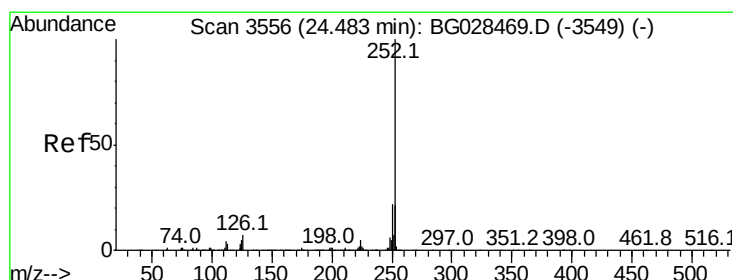
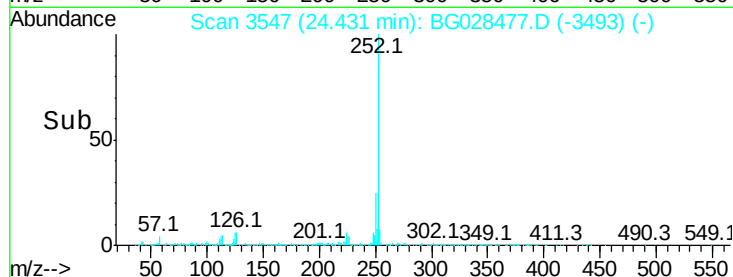
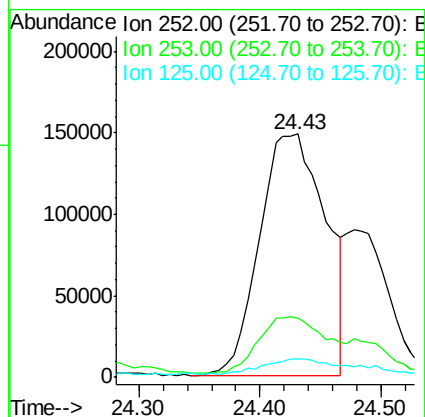
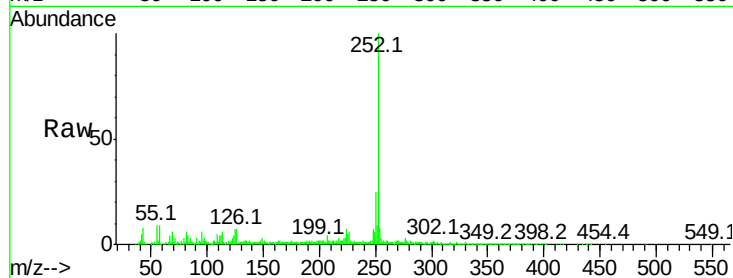
ClientSampleId :

B0AK6

Tot Ion:	252	Resp:	560375
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.7	26.5
125	7.4	4.0	6.0#

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#86

Benzo(k)fluoranthene

Concen: 12.382 ng/ul m

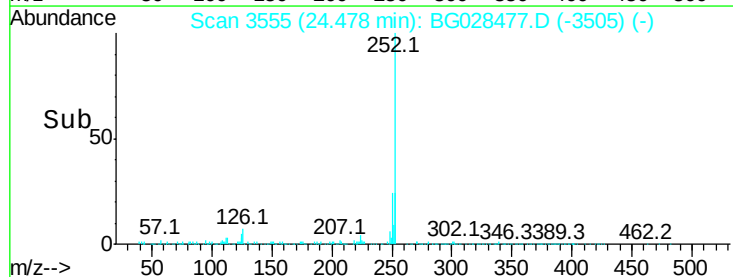
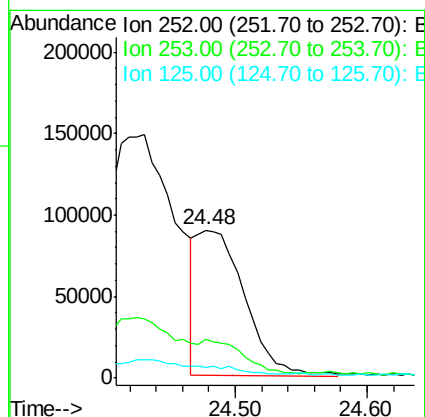
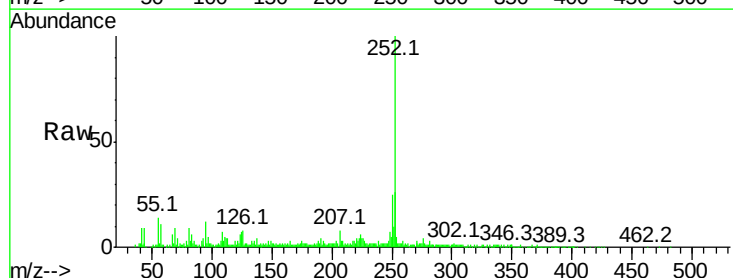
RT: 24.48 min Scan# 3555

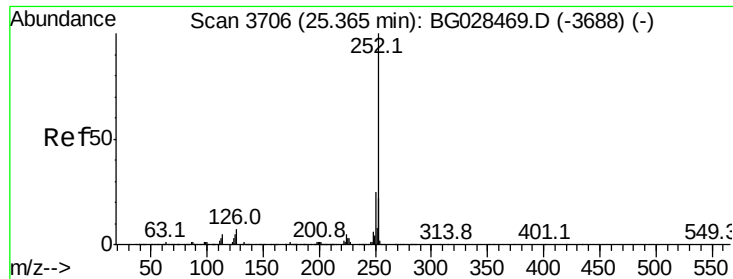
Delta R.T. -0.01 min

Lab File: BG028477.D

Acq: 25 Aug 2017 2:03

Tgt Ion:	252	Resp:	225720
Ion Ratio	Lower	Upper	
252	100		
253	25.8	18.5	27.7
125	7.3	4.1	6.1#





#88

Benzo(a)pyrene

Concen: 23.689 ng/ul

RT: 25.38 min Scan# 3708

Delta R.T. 0.01 min

Lab File: BG028477.D

Acq: 25 Aug 2017 2:03

Instrument :

BNA_G

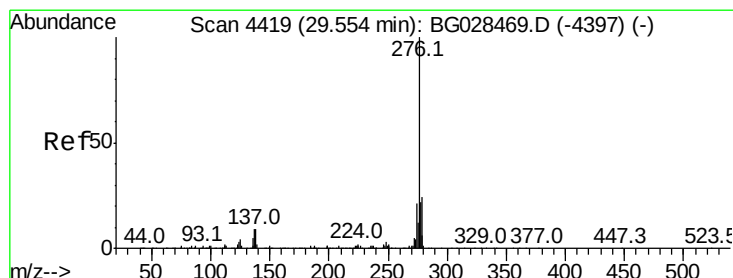
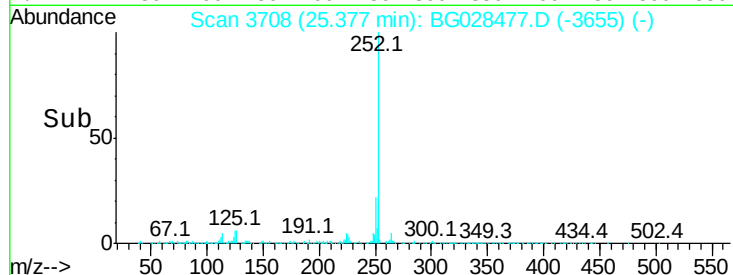
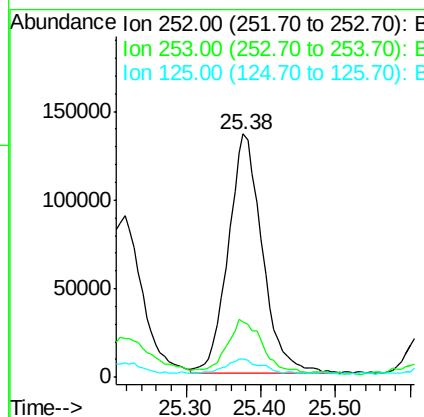
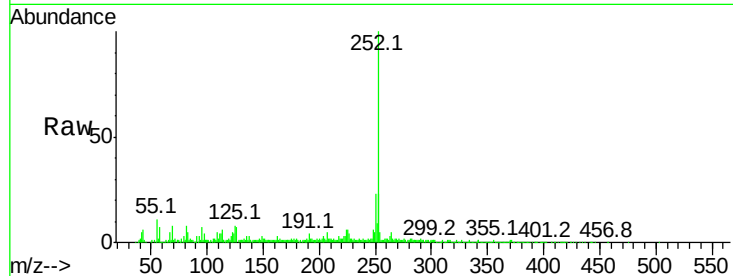
ClientSampleId :

B0AK6

Tot Ion:	252	Resp:	428069
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.6
125	7.6	5.4	8.0

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#89

Indeno(1,2,3-cd)pyrene

Concen: 10.812 ng/ul

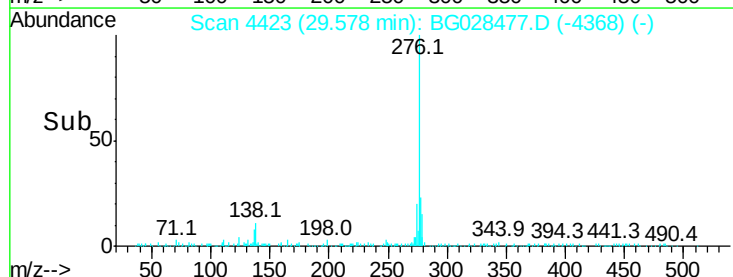
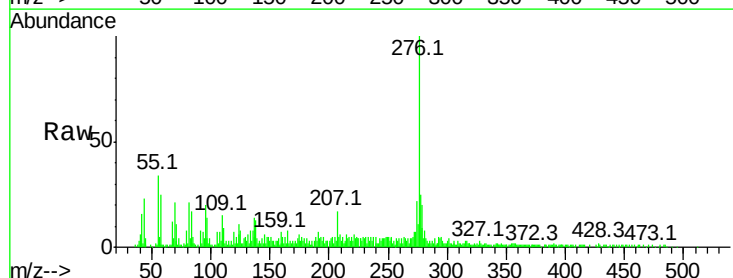
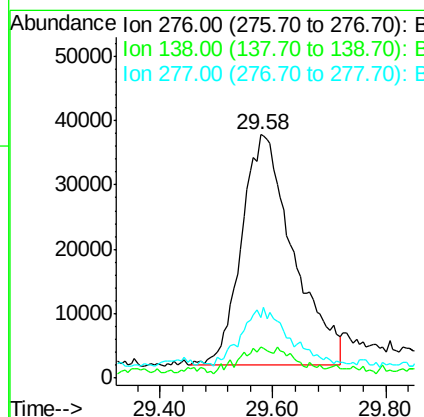
RT: 29.58 min Scan# 4423

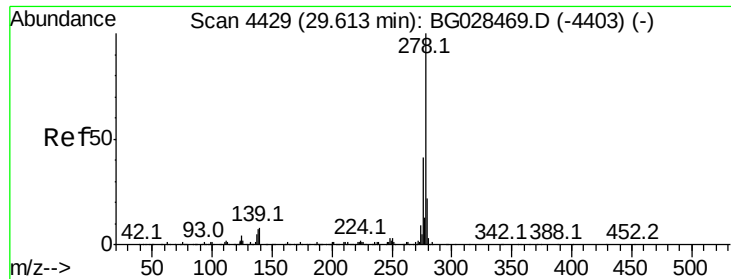
Delta R.T. 0.02 min

Lab File: BG028477.D

Acq: 25 Aug 2017 2:03

Tgt Ion:	276	Resp:	228793
Ion Ratio	Lower	Upper	
276	100		
138	12.7	8.2	12.4#
277	25.0	18.6	28.0





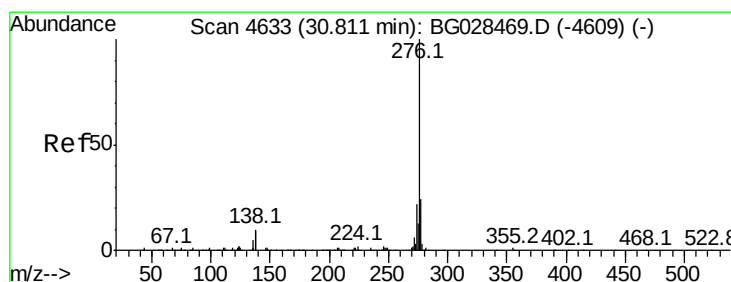
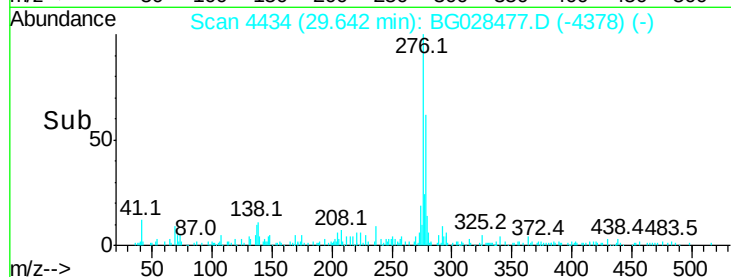
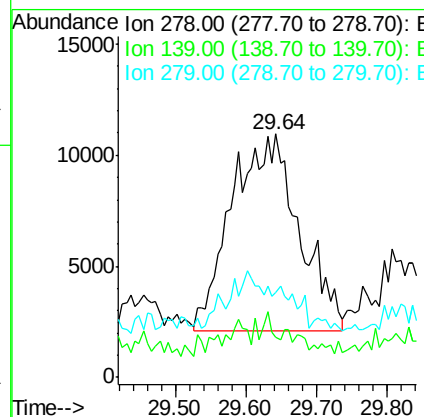
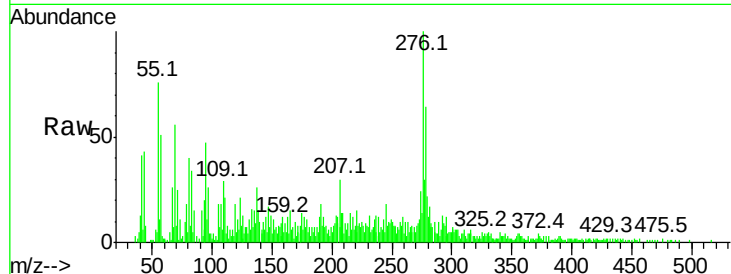
#90
Dibenzo(a,h)anthracene
Concen: 3.301 ng/ul m
RT: 29.64 min Scan# 4434
Delta R.T. 0.03 min
Lab File: BG028477.D
Acq: 25 Aug 2017 2:03

Instrument :
BNA_G
ClientSampleId :
B0AK6

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	6.7	10.1#
279	34.9	20.9	31.3#

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#91
Benzo(g,h,i)perylene
Concen: 10.897 ng/ul m
RT: 30.85 min Scan# 4639
Delta R.T. 0.04 min
Lab File: BG028477.D
Acq: 25 Aug 2017 2:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.5	8.6	12.8
277	23.3	17.6	26.4

