

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG082831.D
 Acq On : 28 Aug 2017 23:11
 Operator : SJ/JU
 Sample : I4905-22
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 B0B26

Manual Integrations
 APPROVED

Sohil
 8/29/2017 6:02:13 PM

Quant Time: Aug 29 05:25:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 03:57:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	52200	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	204048	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	126096	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	300774	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	379373	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	374041	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	4025	3.59	ng/uL	0.00
5) Phenol-d5	7.49	99	103949	18.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	66107	18.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	79605	22.01	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	87376	18.24	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	40790	25.57	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	46052	26.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	89924	24.84	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	57019	14.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	279424	24.91	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	324958	25.70	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	38772	21.74	ng/ul	0.00
57) Fluorene-d10	15.94	176	242733	24.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	30843	15.79	ng/ul	0.00
70) Anthracene-d10	17.80	188	391535	27.15	ng/ul	0.00
76) Pyrene-d10	20.07	212	459075	23.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	467001	26.67	ng/ul	0.03

Target Compounds

					Ovalue	
6) Phenol	7.52	94	10026	1.760	ng/ul#	83
28) Naphthalene	11.21	128	14783	1.463	ng/ul	97
34) 2-Methylnaphthalene	12.79	142	14701	1.811	ng/ul	96
44) Dimethylphthalate	14.38	163	82060	7.947	ng/ul	98
47) Acenaphthylene	14.68	152	17634	1.459	ng/ul#	82
58) Fluorene	16.00	166	23579	2.240	ng/ul	95
69) Phenanthrene	17.75	178	220662	14.578	ng/ul	98
71) Anthracene	17.84	178	30351	1.962	ng/ul	94
74) Fluoranthene	19.75	202	242995	13.209	ng/ul	98
77) Pyrene	20.11	202	447196	19.758	ng/ul	98
80) Benzo(a)anthracene	22.01	228	194378	8.868	ng/ul#	91
82) Chrysene	22.08	228	257300	13.034	ng/ul#	94
85) Benzo(b)fluoranthene	24.44	252	228741m	10.219	ng/ul	
86) Benzo(k)fluoranthene	24.49	252	66637m	3.048	ng/ul	
88) Benzo(a)pyrene	25.39	252	241196	11.129	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	29.59	276	134507	5.300	ng/ul#	91
90) Dibenzo(a,h)anthracene	29.63	278	29687m	1.396	ng/ul	
91) Benzo(g,h,i)perylene	30.86	276	118091m	5.656	ng/ul	

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

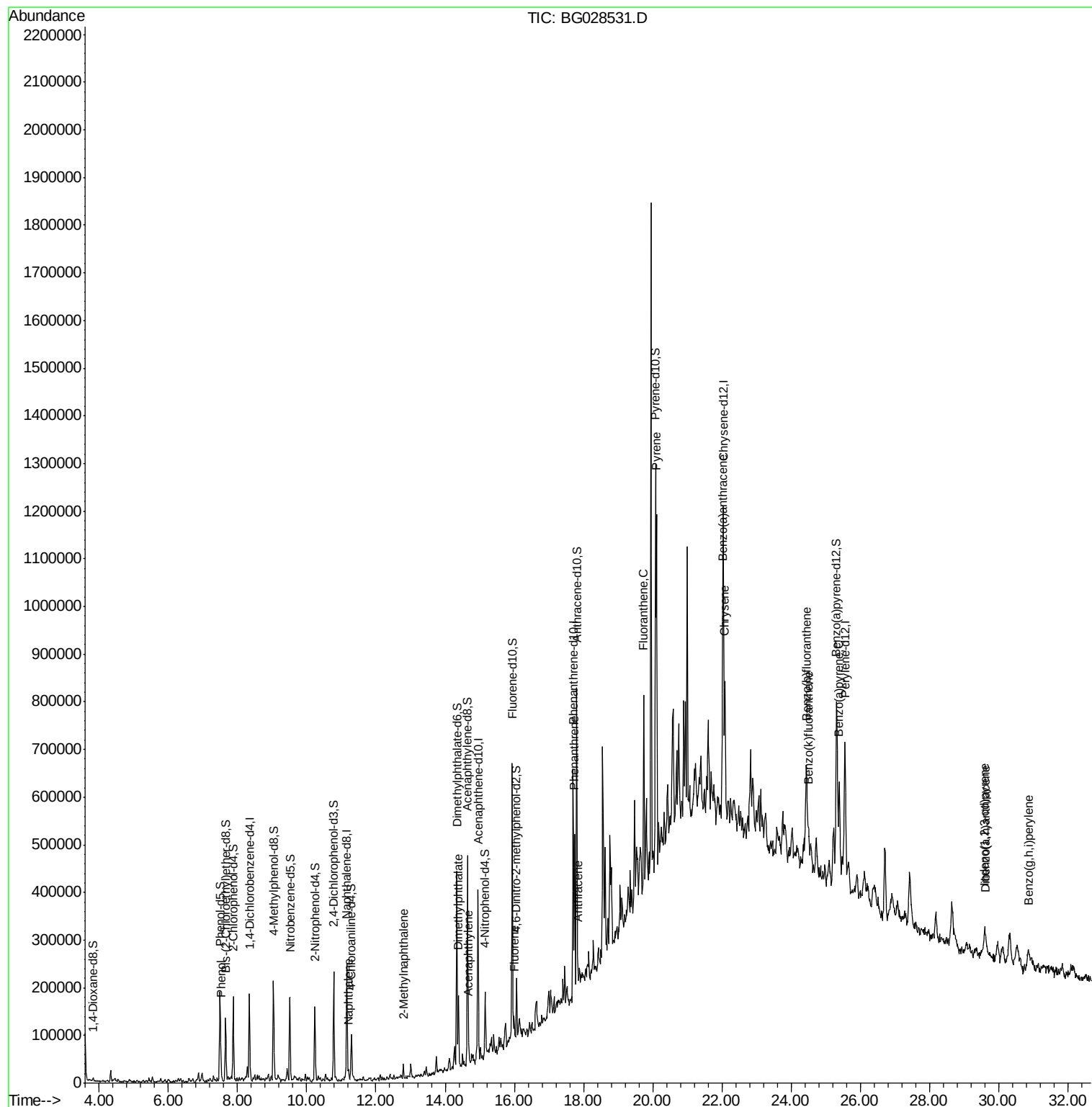
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028531.D
Acq On : 28 Aug 2017 23:11
Operator : SJ/JU
Sample : I4905-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

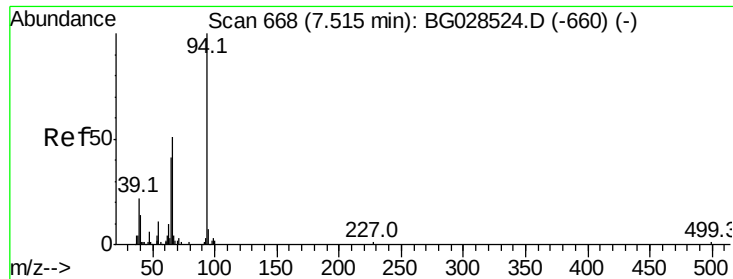
Instrument :
BNA_G
ClientSampleId :
B0B26

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Quant Time: Aug 29 05:25:08 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 29 03:57:40 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.760 ng/ul

RT: 7.52 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG028531.D

Acq: 28 Aug 2017 23:11

Instrument :

BNA_G

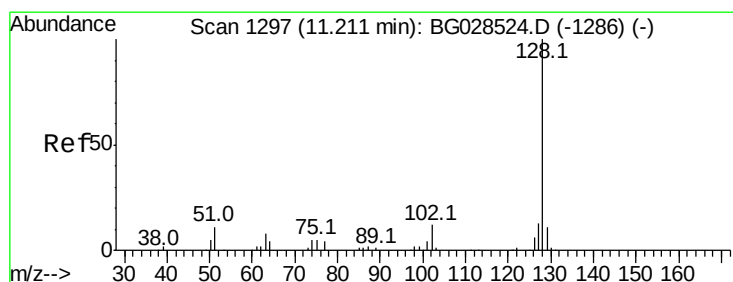
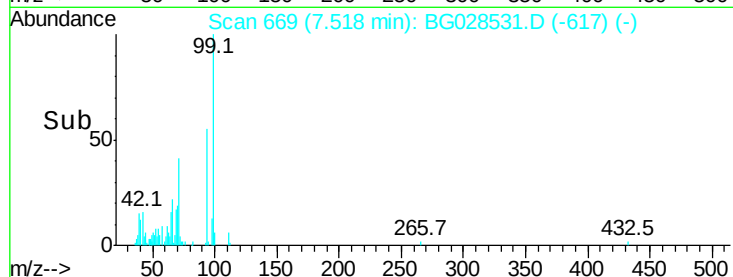
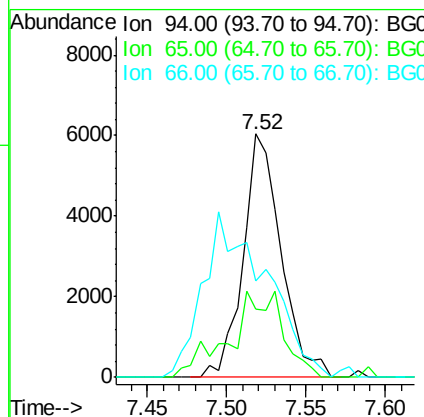
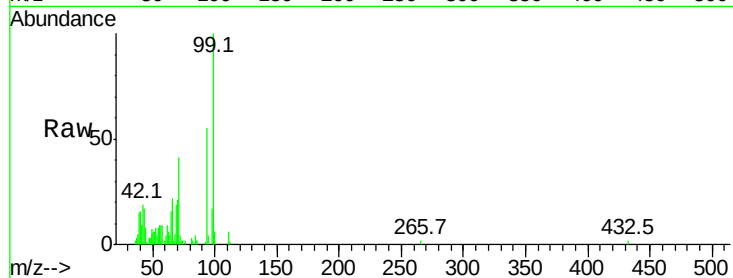
ClientSampleId :

B0B26

Tot Ion:	94	Resp:	10026
Ion Ratio	Lower	Upper	
94	100		
65	28.3	26.8	40.2
66	39.5	44.4	66.6#

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#28

Naphthalene

Concen: 1.463 ng/ul

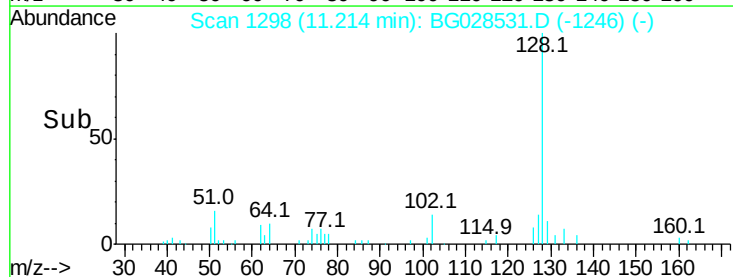
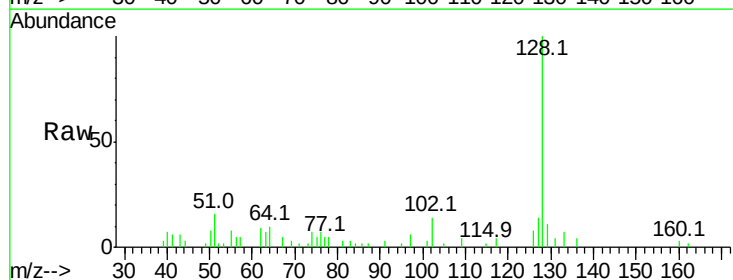
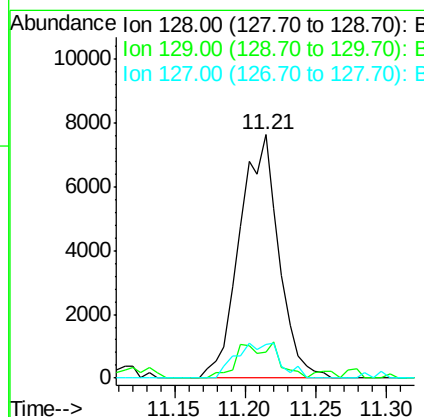
RT: 11.21 min Scan# 1298

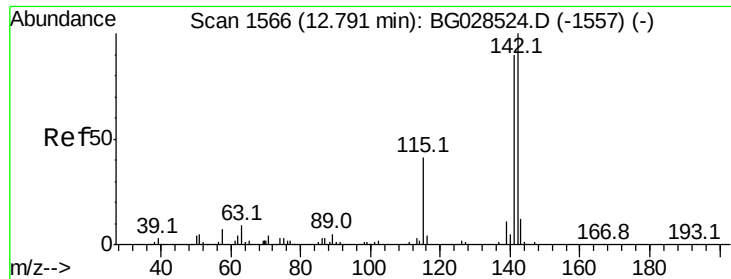
Delta R.T. 0.00 min

Lab File: BG028531.D

Acq: 28 Aug 2017 23:11

Tgt Ion:	128	Resp:	14783
Ion Ratio	Lower	Upper	
128	100		
129	10.7	9.4	14.2
127	14.1	10.3	15.5





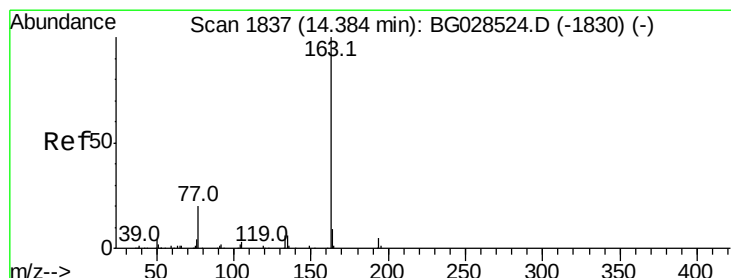
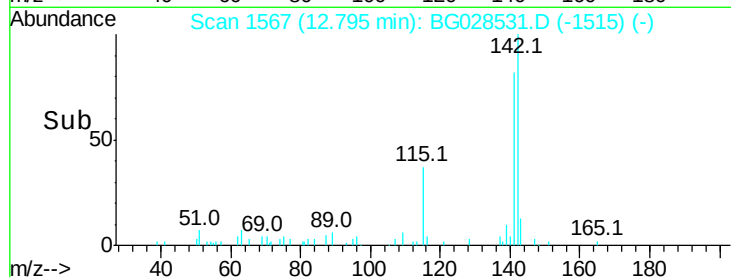
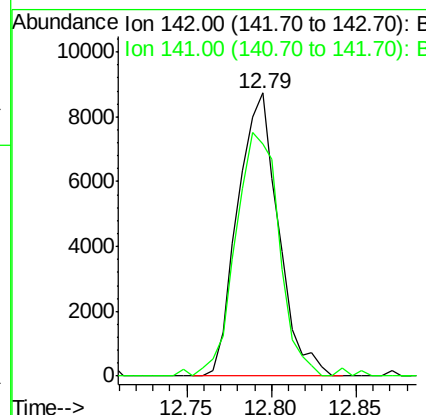
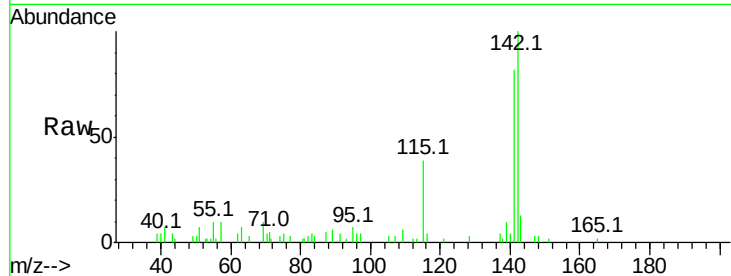
#34
 2-Methylnaphthalene
 Concen: 1.811 ng/ul
 RT: 12.79 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: BG028531.D
 Acq: 28 Aug 2017 23:11

Instrument :
 BNA_G
 ClientSampled :
 B0B26

Tot Ion:142 Resp: 14701
 Ion Ratio Lower Upper
 142 100
 141 82.2 68.6 102.8

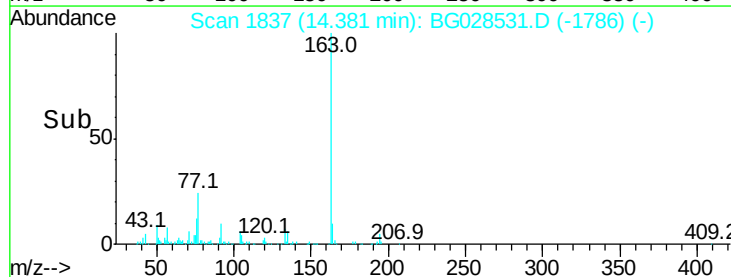
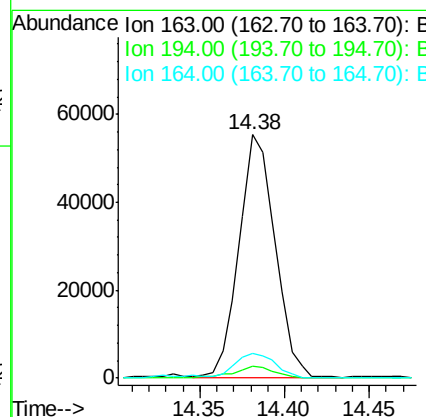
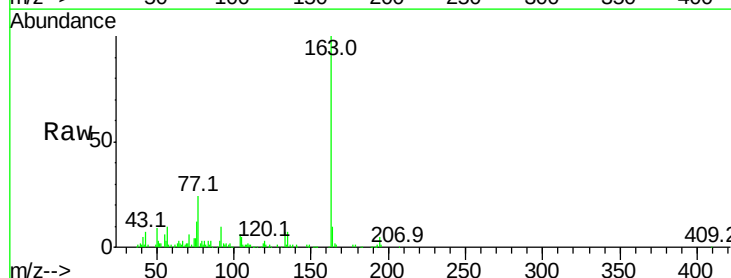
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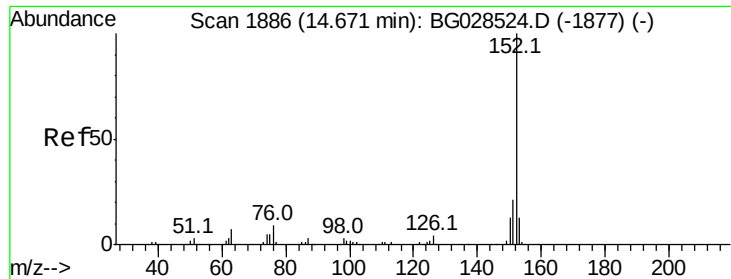
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#44
 Dimethylphthalate
 Concen: 7.947 ng/ul
 RT: 14.38 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: BG028531.D
 Acq: 28 Aug 2017 23:11

Tgt Ion:163 Resp: 82060
 Ion Ratio Lower Upper
 163 100
 194 5.0 3.4 5.0
 164 10.4 9.0 13.4





#47

Acenaphthylene

Concen: 1.459 ng/ul

RT: 14.68 min Scan# 1888

Delta R.T. 0.01 min

Lab File: BG028531.D

Acq: 28 Aug 2017 23:11

Instrument :

BNA_G

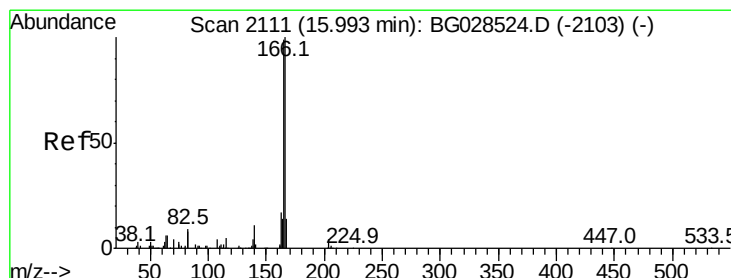
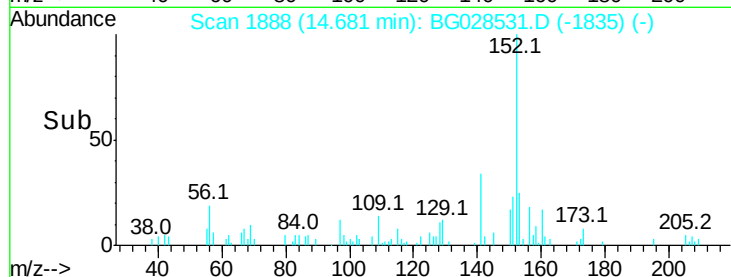
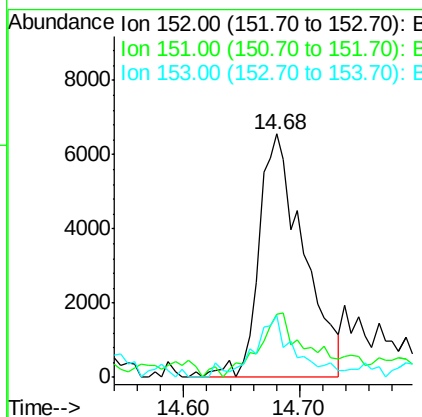
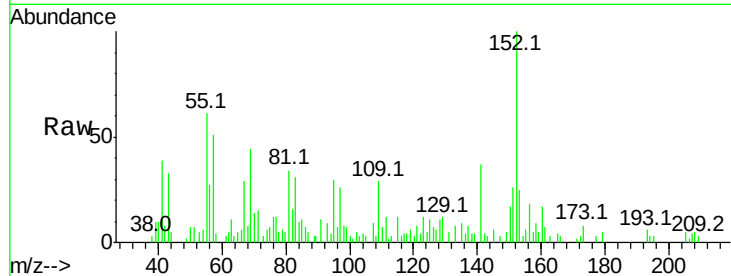
ClientSampleId :

B0B26

Tot Ion:	152	Resp:	17634
Ion Ratio	Lower	Upper	
152	100		
151	26.1	16.7	25.1#
153	25.5	11.4	17.2#

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#58

Fluorene

Concen: 2.240 ng/ul

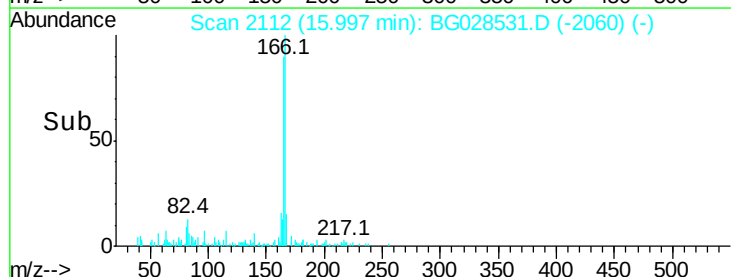
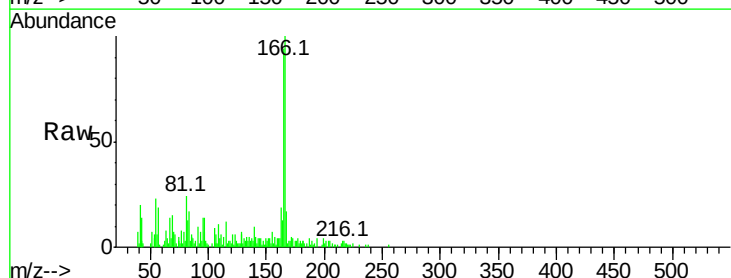
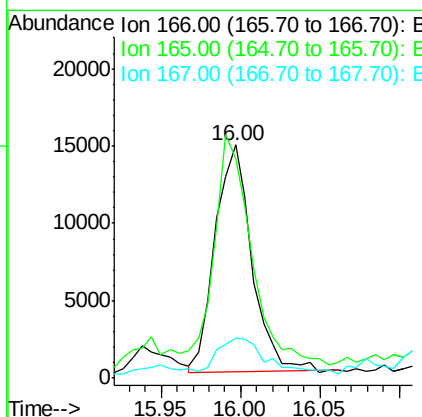
RT: 16.00 min Scan# 2112

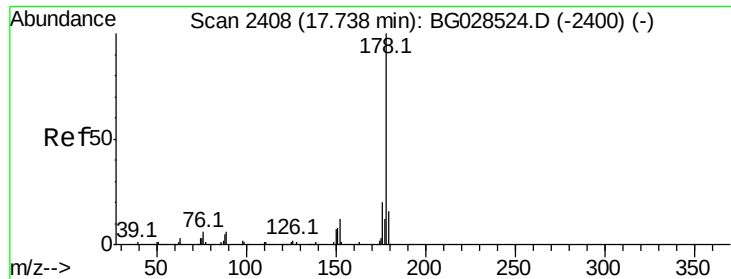
Delta R.T. 0.00 min

Lab File: BG028531.D

Acq: 28 Aug 2017 23:11

Tgt Ion:	166	Resp:	23579
Ion Ratio	Lower	Upper	
166	100		
165	94.4	79.7	119.5
167	17.0	11.4	17.2





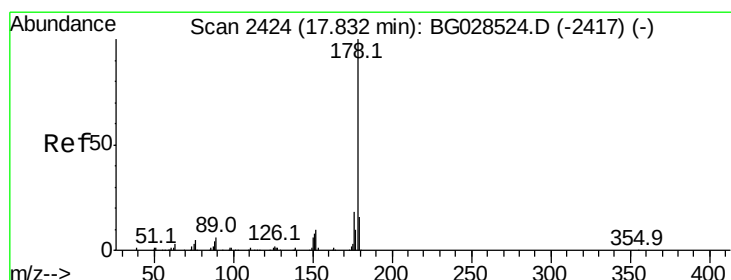
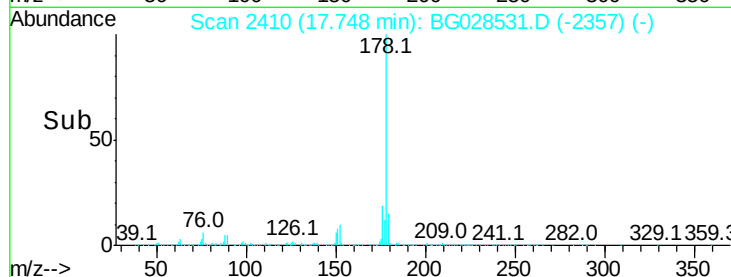
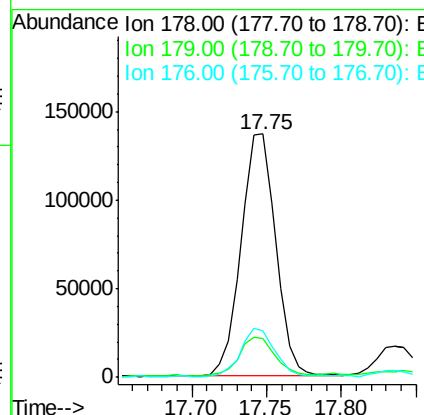
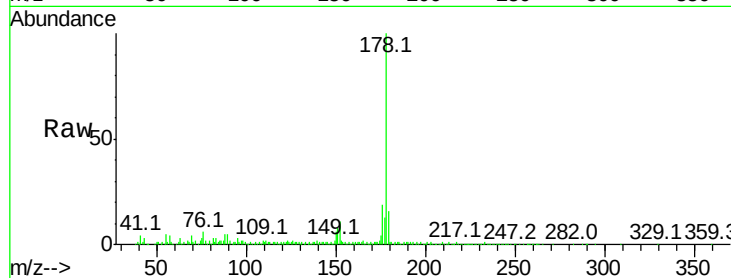
#69
Phenanthrene
Concen: 14.578 ng/ul
RT: 17.75 min Scan# 2410
Delta R.T. 0.01 min
Lab File: BG028531.D
Acq: 28 Aug 2017 23:11

Instrument :
BNA_G
ClientSampleId :
B0B26

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	18.9	16.5	24.7

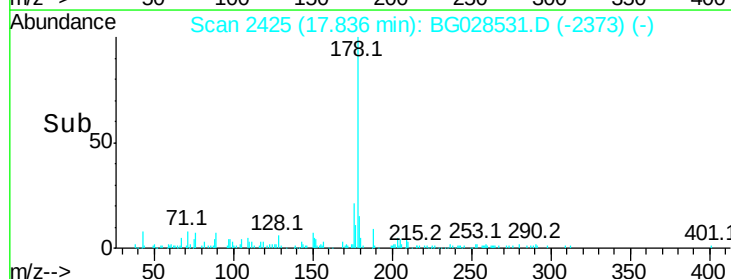
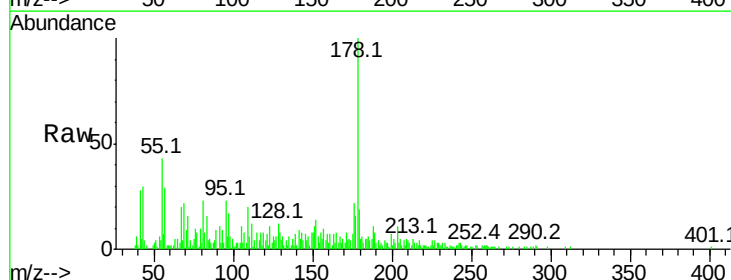
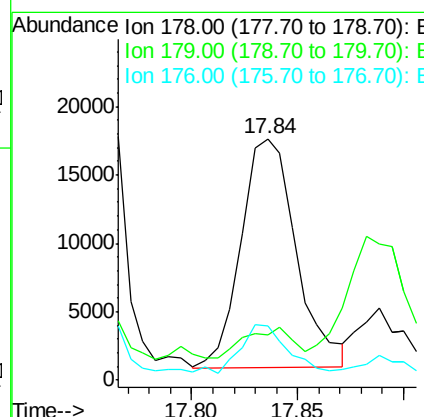
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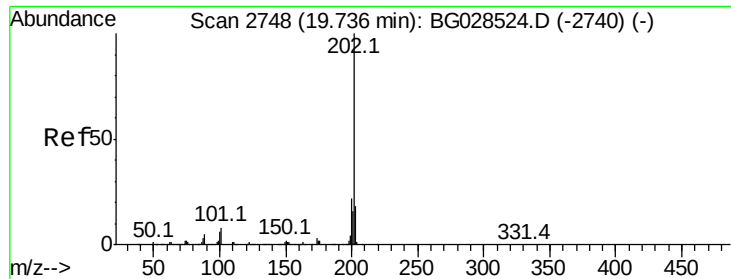
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#71
Anthracene
Concen: 1.962 ng/ul
RT: 17.84 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG028531.D
Acq: 28 Aug 2017 23:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.9	12.6	19.0
176	22.4	15.9	23.9





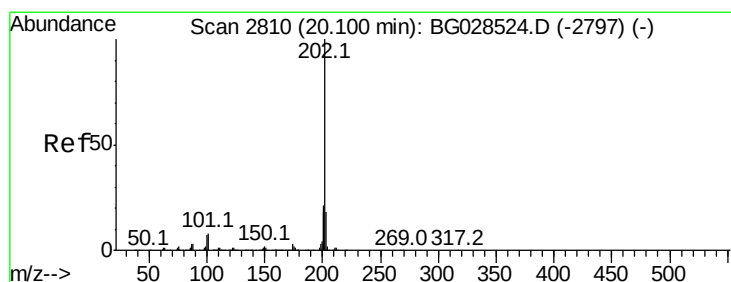
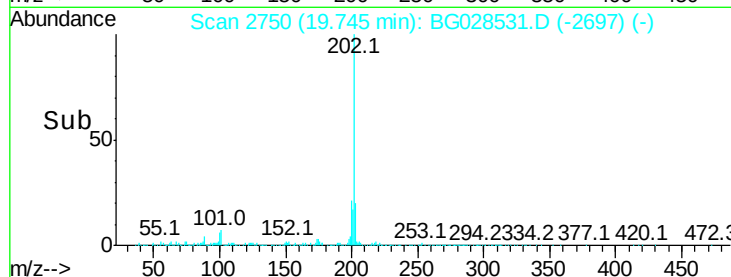
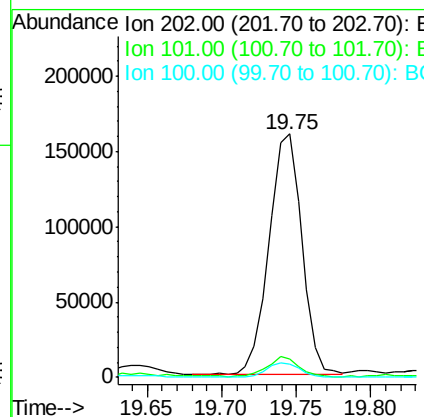
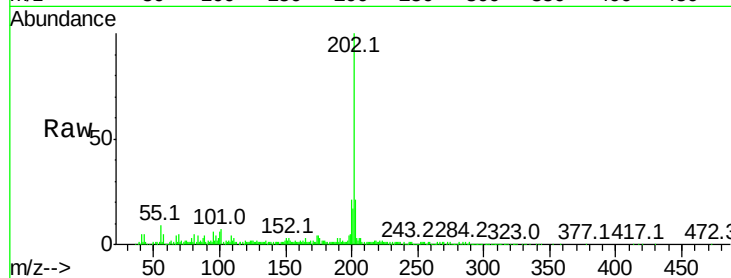
#74
Fluoranthene
Concen: 13.209 ng/ul
RT: 19.75 min Scan# 2750
Delta R.T. 0.01 min
Lab File: BG028531.D
Acq: 28 Aug 2017 23:11

Instrument :
BNA_G
ClientSampleId :
B0B26

Tot Ion	Ratio	Resp	Lower	Upper
202	100	242995		
101	7.3	6.2	9.2	
100	5.5	5.2	7.8	

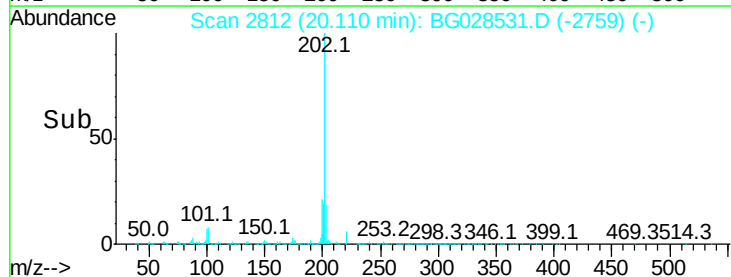
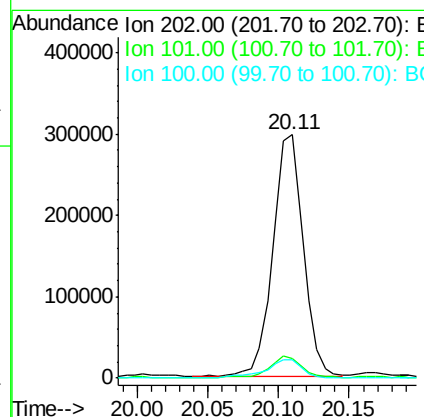
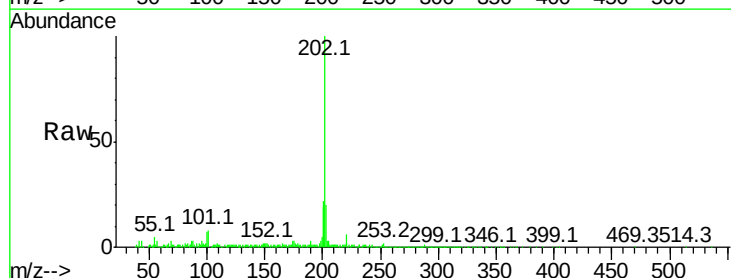
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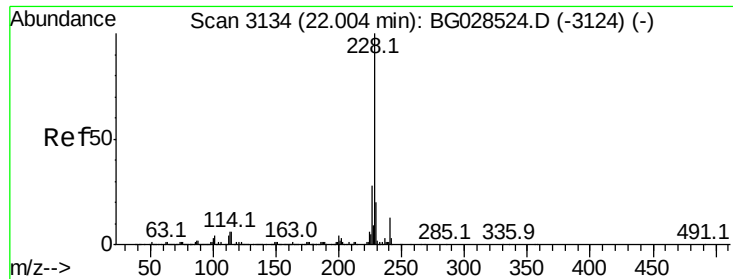
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#77
Pyrene
Concen: 19.758 ng/ul
RT: 20.11 min Scan# 2812
Delta R.T. 0.01 min
Lab File: BG028531.D
Acq: 28 Aug 2017 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	447196		
101	8.0	6.9	10.3	
100	7.3	6.6	10.0	





#80

Benzo(a)anthracene

Concen: 8.868 ng/ul

RT: 22.01 min Scan# 3136

Delta R.T. 0.01 min

Lab File: BG028531.D

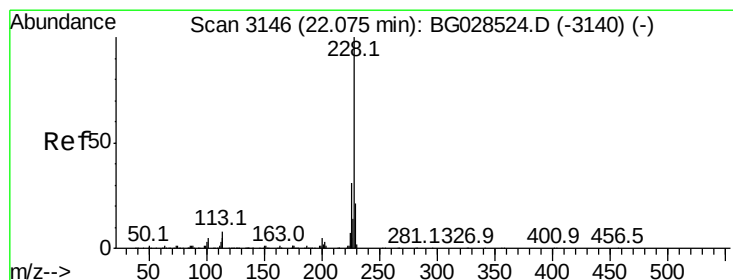
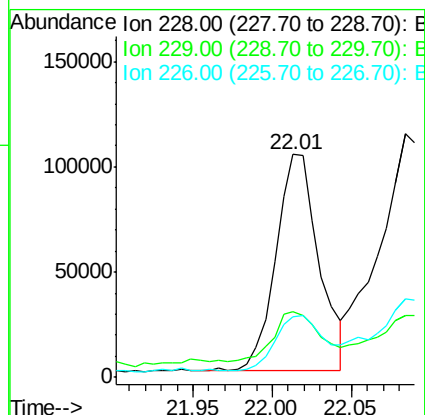
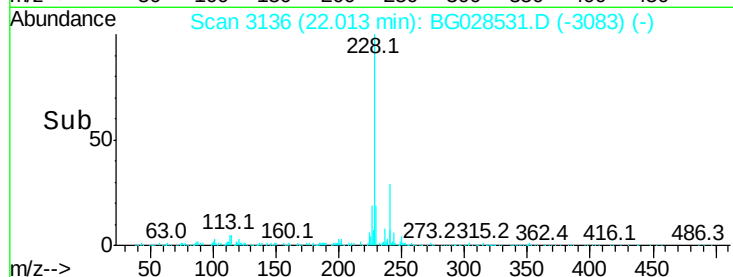
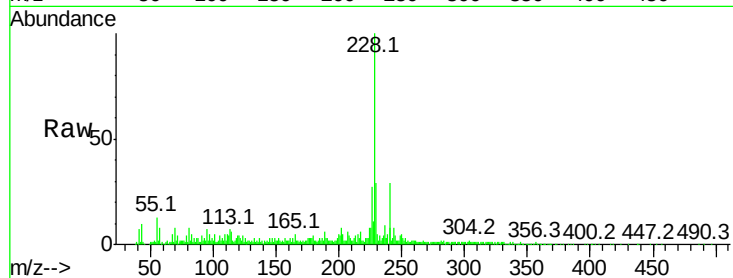
Acq: 28 Aug 2017 23:11

Instrument :
BNA_G
ClientSampled :
B0B26

Tot Ion	Ratio	Lower	Upper
228	100		
229	29.5	16.3	24.5#
226	27.2	21.9	32.9

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#82

Chrysene

Concen: 13.034 ng/ul

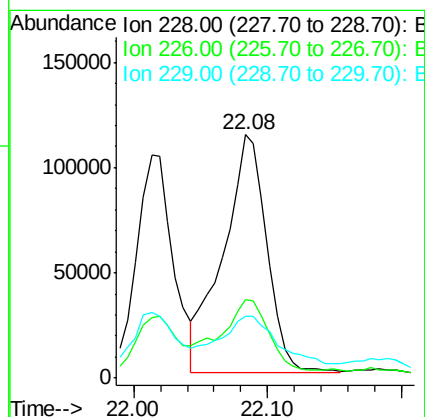
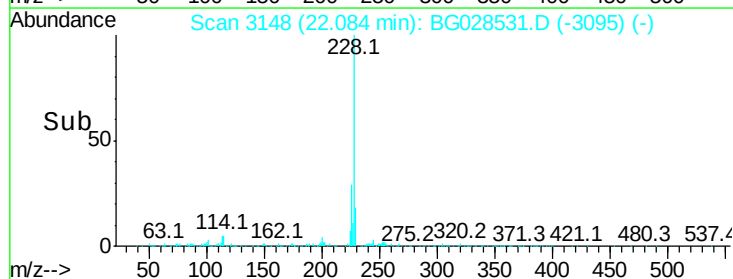
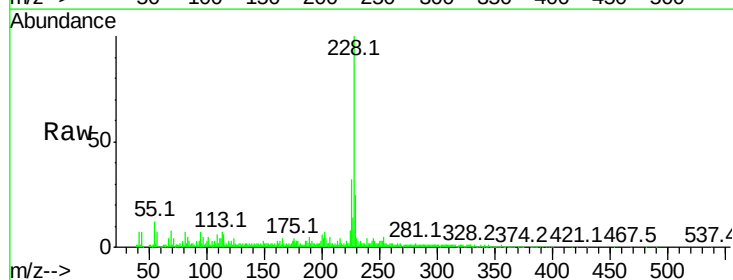
RT: 22.08 min Scan# 3148

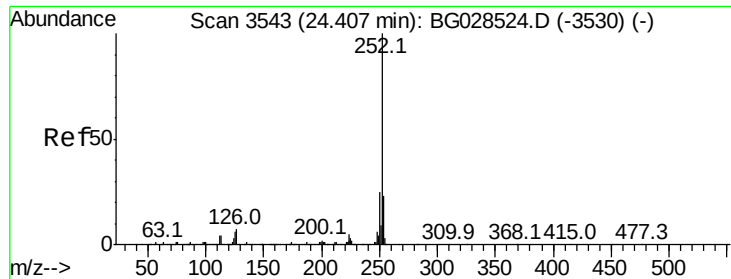
Delta R.T. 0.01 min

Lab File: BG028531.D

Acq: 28 Aug 2017 23:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.0	36.0
229	25.5	16.9	25.3#





#85

Benzo(b)fluoranthene

Concen: 10.219 ng/ul m

RT: 24.44 min Scan# 3549

Delta R.T. 0.03 min

Lab File: BG028531.D

Acq: 28 Aug 2017 23:11

Instrument :

BNA_G

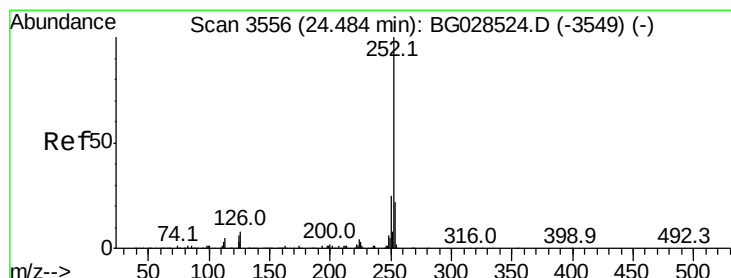
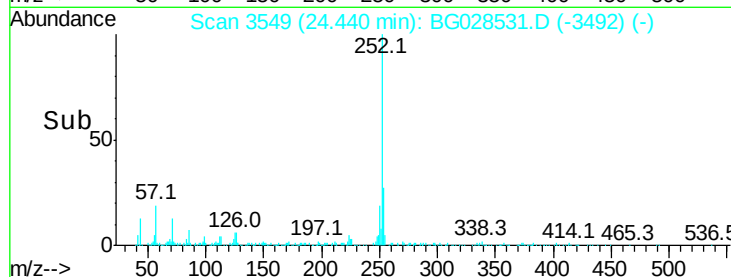
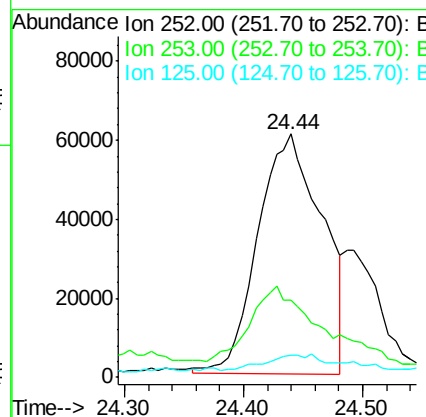
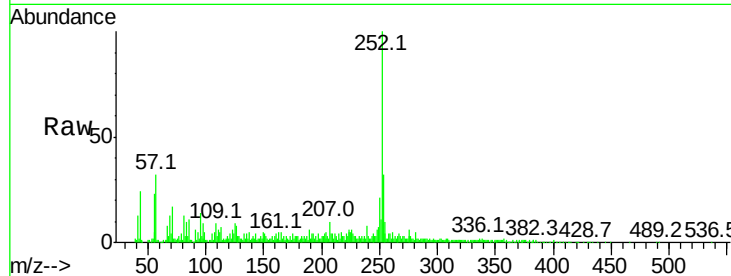
ClientSampled :

B0B26

Tot Ion:	252	Resp:	228741
Ion Ratio	Lower	Upper	
252	100		
253	31.8	17.7	26.5#
125	9.0	4.0	6.0#

Manual Integrations
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Sohil
8/29/2017 6:02:13 PM



#86

Benzo(k)fluoranthene

Concen: 3.048 ng/ul m

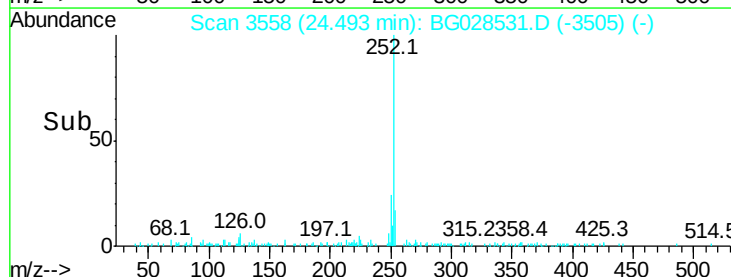
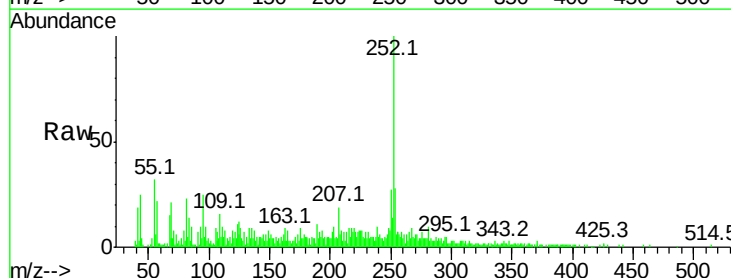
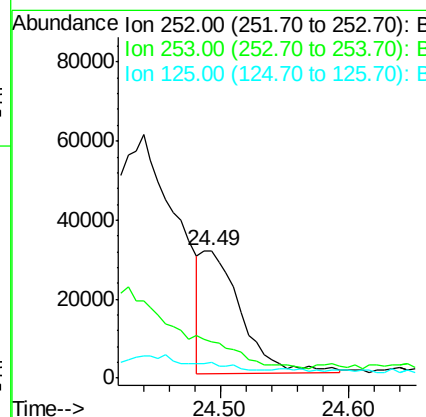
RT: 24.49 min Scan# 3558

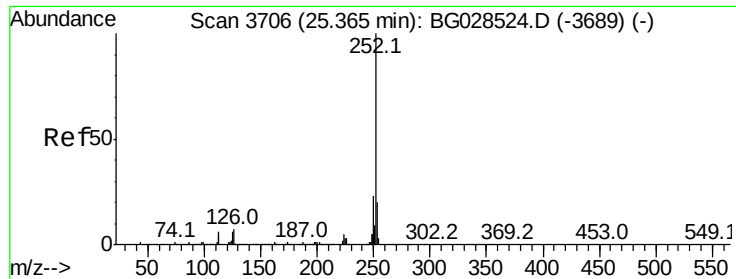
Delta R.T. 0.01 min

Lab File: BG028531.D

Acq: 28 Aug 2017 23:11

Tgt Ion:	252	Resp:	66637
Ion Ratio	Lower	Upper	
252	100		
253	28.5	18.5	27.7#
125	12.0	4.1	6.1#





#88

Benzo(a)pyrene

Concen: 11.129 ng/ul

RT: 25.39 min Scan# 3711

Delta R.T. 0.03 min

Lab File: BG028531.D

Acq: 28 Aug 2017 23:11

Instrument :

BNA_G

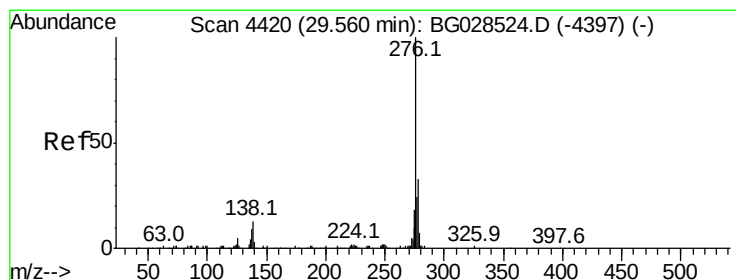
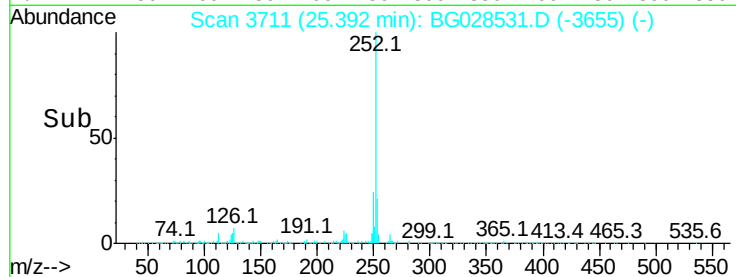
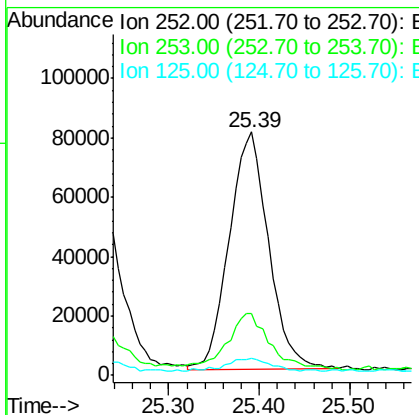
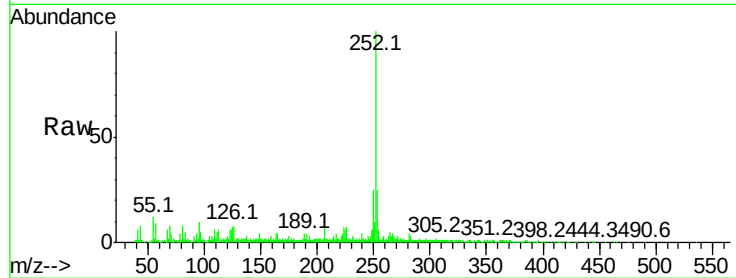
ClientSampled :

B0B26

Tot Ion:	252	Resp:	241196
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.8	26.6
125	7.0	5.4	8.0

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#89

Indeno(1,2,3-cd)pyrene

Concen: 5.300 ng/ul

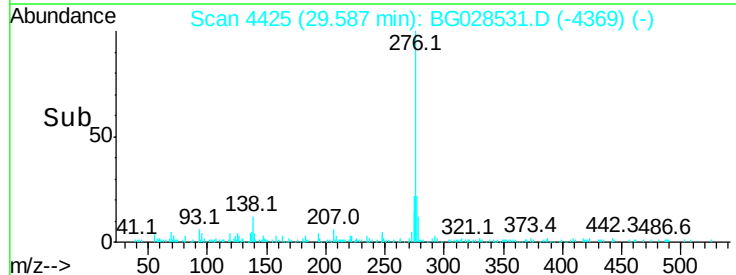
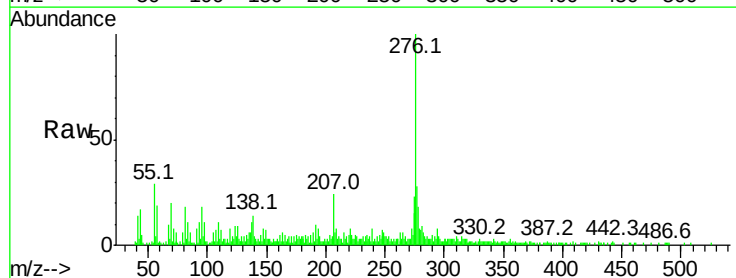
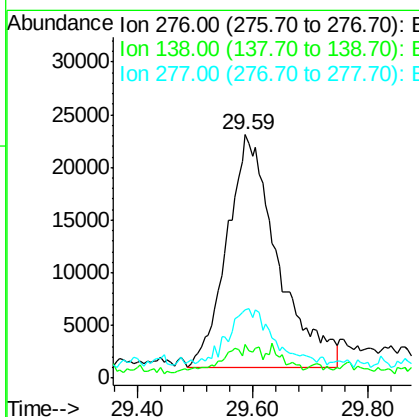
RT: 29.59 min Scan# 4425

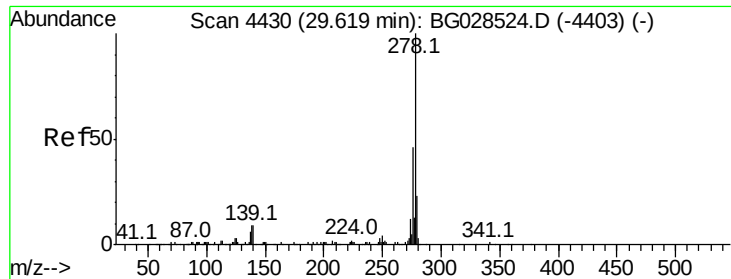
Delta R.T. 0.03 min

Lab File: BG028531.D

Acq: 28 Aug 2017 23:11

Tgt Ion:	276	Resp:	134507
Ion Ratio	Lower	Upper	
276	100		
138	13.7	8.2	12.4#
277	27.9	18.6	28.0





#90

Dibenzo(a,h)anthracene

Concen: 1.396 ng/ul m

RT: 29.63 min Scan# 4432

Delta R.T. 0.01 min

Lab File: BG028531.D

Acq: 28 Aug 2017 23:11

Instrument :

BNA_G

ClientSampleId :

B0B26

Tot Ion:278 Resp: 29687

Ion Ratio Lower Upper

278 100

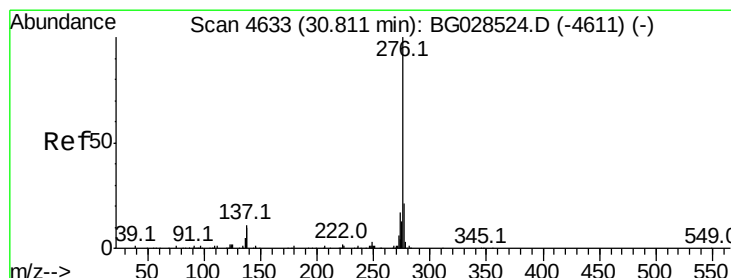
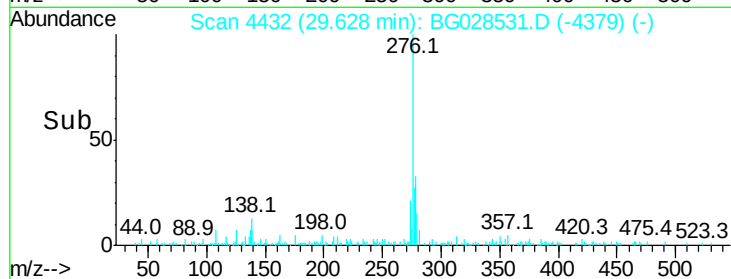
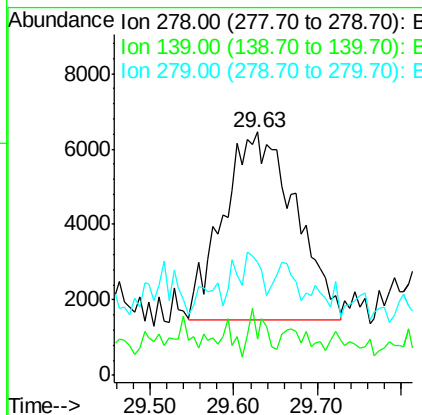
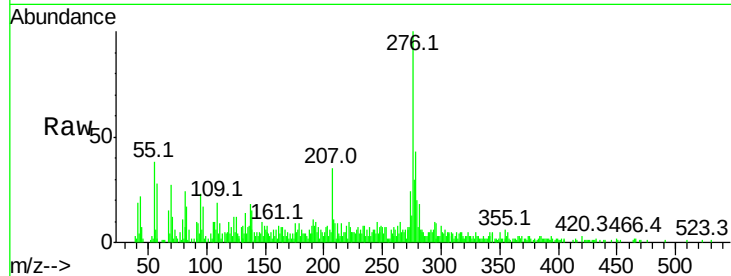
139 14.7 6.7 10.1#

279 46.6 20.9 31.3#

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#91

Benzo(g,h,i)perylene

Concen: 5.656 ng/ul m

RT: 30.86 min Scan# 4641

Delta R.T. 0.04 min

Lab File: BG028531.D

Acq: 28 Aug 2017 23:11

Tgt Ion:276 Resp: 118091

Ion Ratio Lower Upper

276 100

138 10.9 8.6 12.8

277 29.5 17.6 26.4#

