

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
 Data File : BG028448.D
 Acq On : 23 Aug 2017 13:26
 Operator : SJ/JU
 Sample : I4713-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GC0

Manual Integrations
 APPROVED

Sohil
 8/24/2017 4:38:28 PM

Quant Time: Aug 24 03:08:25 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 24 01:29:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	43005	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	200940	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	128165	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	274718	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	326435	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	298660	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	3732m	4.04	ng/uL	0.00
5) Phenol-d5	7.49	99	112807	23.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	67191	22.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	81915	27.49	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	96059	24.33	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	44272	28.18	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	55501	32.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	105840	29.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	20995	5.29	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	328911	28.85	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	383083	29.81	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	36821	20.31	ng/ul	0.01
57) Fluorene-d10	15.94	176	275185	26.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	37168	20.83	ng/ul	0.00
70) Anthracene-d10	17.81	188	417797	31.72	ng/ul	0.00
76) Pyrene-d10	20.08	212	489243	29.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	467156	33.41	ng/ul	0.02

Target Compounds

					Qvalue	
6) Phenol	7.52	94	7515	1.601	ng/ul	92
28) Naphthalene	11.21	128	74659	7.502	ng/ul	98
34) 2-Methylnaphthalene	12.79	142	83284	10.419	ng/ul	89
40) 1,1'-Biphenyl	13.78	154	12409	1.326	ng/ul	93
44) Dimethylphthalate	14.39	163	138175	13.165	ng/ul	99
53) Dibenzofuran	15.35	168	29149	2.412	ng/ul	99
58) Fluorene	16.00	166	11173	1.044	ng/ul#	92
69) Phenanthrene	17.75	178	522731	37.810	ng/ul	98
71) Anthracene	17.84	178	50798	3.595	ng/ul	97
72) Carbazole	18.11	167	70147	5.708	ng/ul	99
74) Fluoranthene	19.75	202	1799592	107.106	ng/ul	98
77) Pyrene	20.11	202	1493535	76.688	ng/ul	99
80) Benzo(a)anthracene	22.02	228	696010	36.902	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.87	149	26623	2.566	ng/ul#	88
82) Chrysene	22.09	228	1086851	63.983	ng/ul	96
85) Benzo(b)fluoranthene	24.45	252	1764678	98.739	ng/ul#	95
86) Benzo(k)fluoranthene	24.50	252	492737m	28.225	ng/ul	
88) Benzo(a)pyrene	25.40	252	923025	53.341	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.61	276	632006	31.189	ng/ul	99
90) Dibenz(a,h)anthracene	29.66	278	118310m	6.966	ng/ul	
91) Benzo(g,h,i)perylene	30.88	276	569515	34.162	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

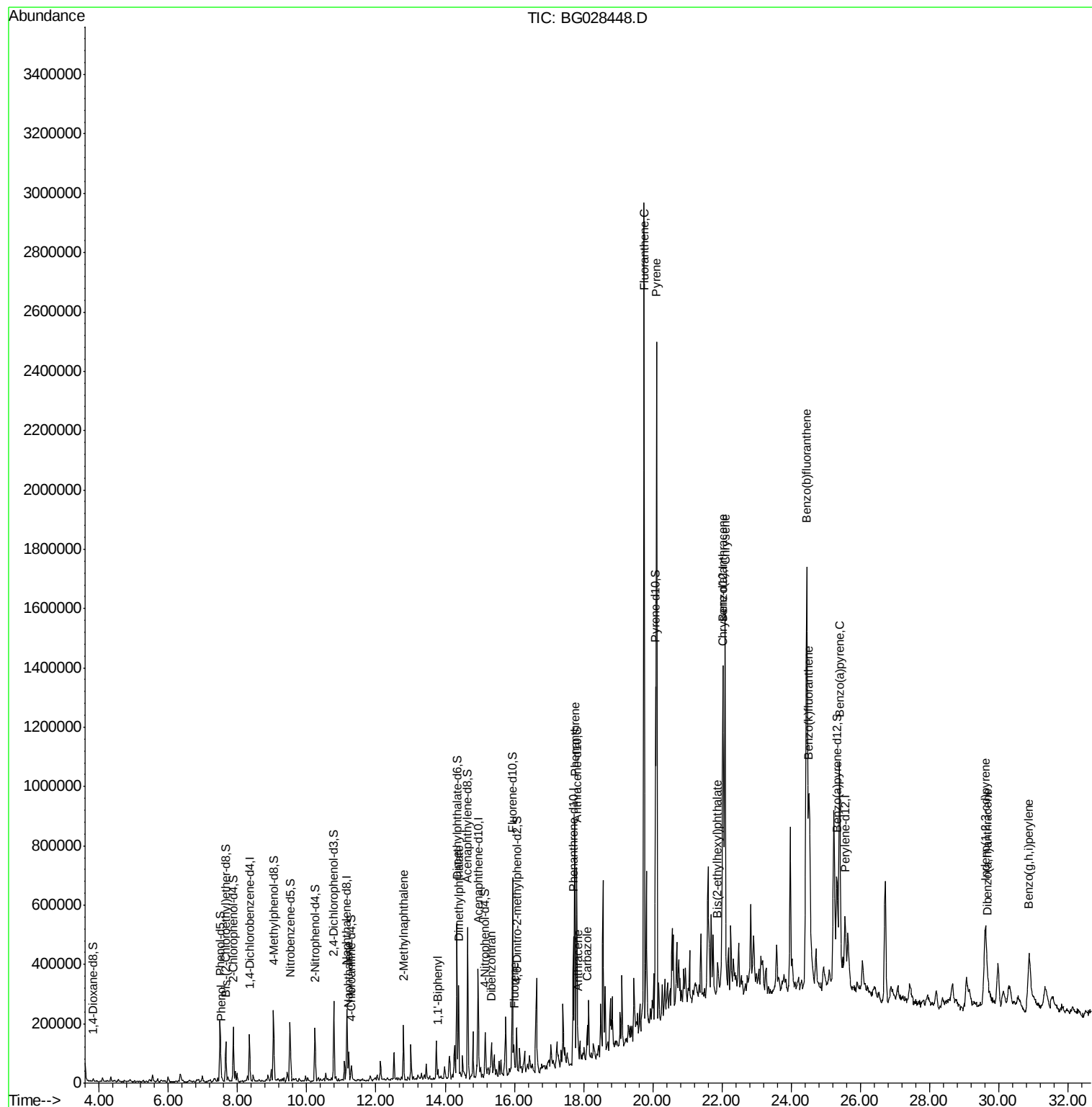
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
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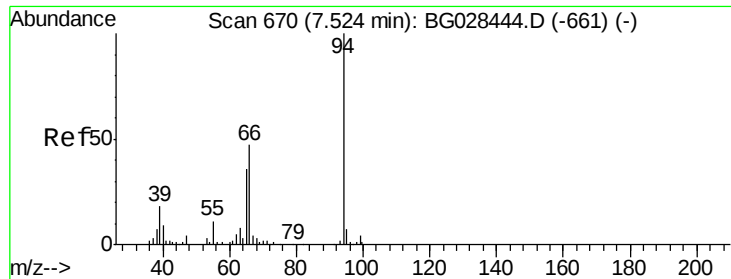
Instrument :
BNA_G
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E7GC0

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#6

Phenol

Concen: 1.601 ng/ul

RT: 7.52 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG028448.D

Acq: 23 Aug 2017 13:26

Instrument :

BNA_G

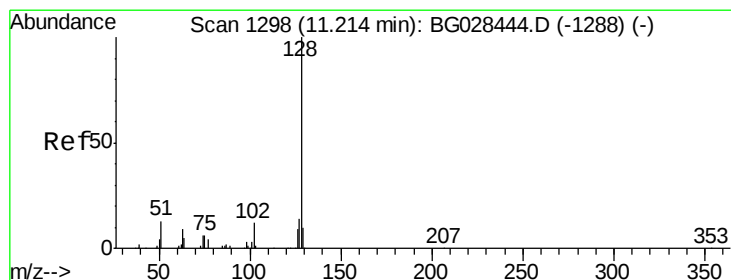
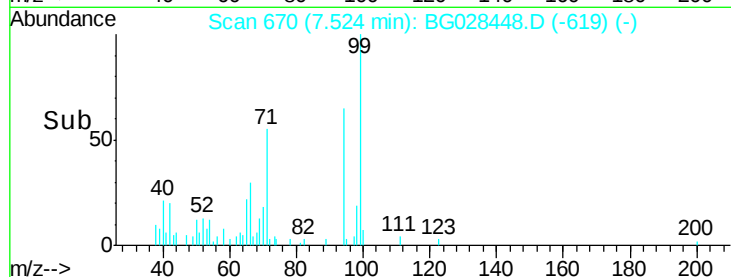
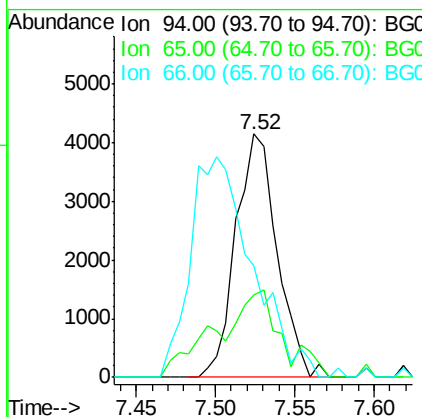
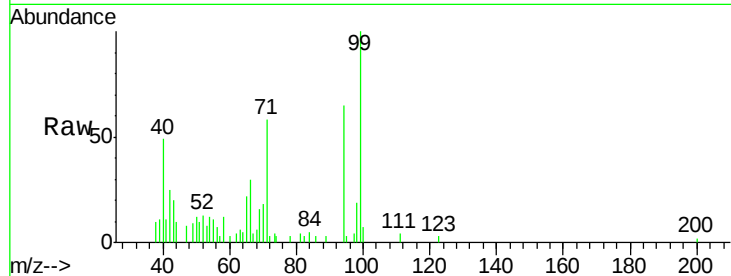
ClientSampled :

E7GC0

Tgt Ion:	94	Resp:	7515
Ion	Ratio	Lower	Upper
94	100		
65	34.1	26.8	40.2
66	46.1	44.4	66.6

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#28

Naphthalene

Concen: 7.502 ng/ul

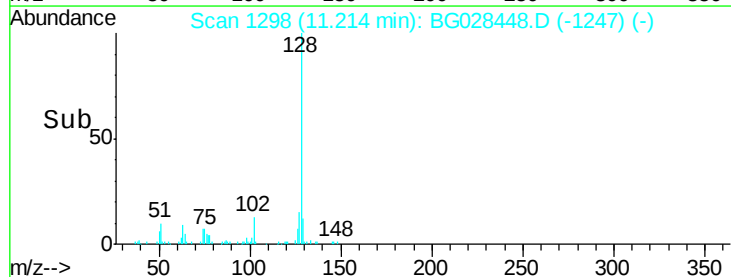
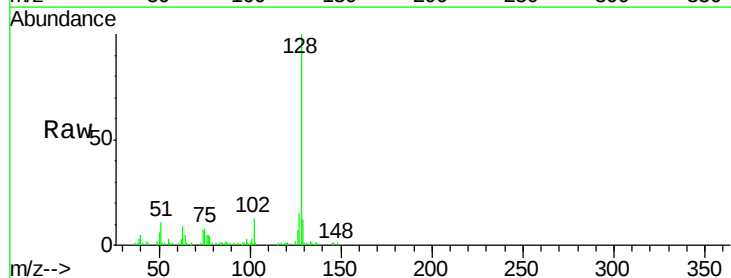
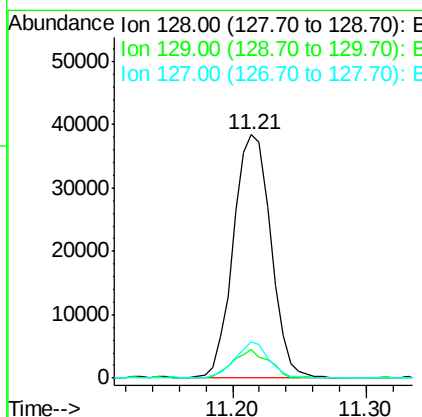
RT: 11.21 min Scan# 1298

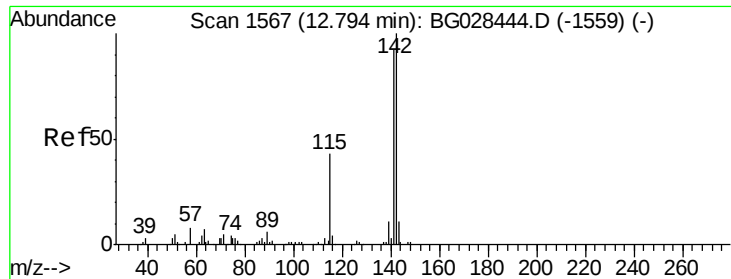
Delta R.T. 0.00 min

Lab File: BG028448.D

Acq: 23 Aug 2017 13:26

Tgt Ion:	128	Resp:	74659
Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	14.7	10.3	15.5





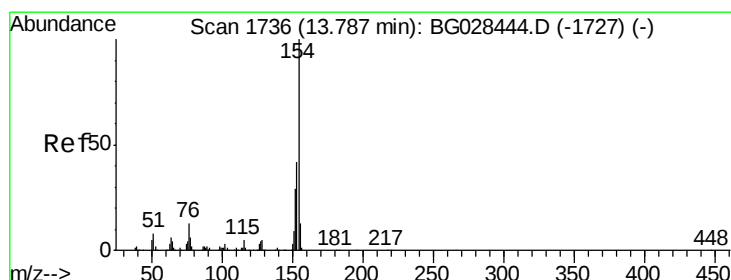
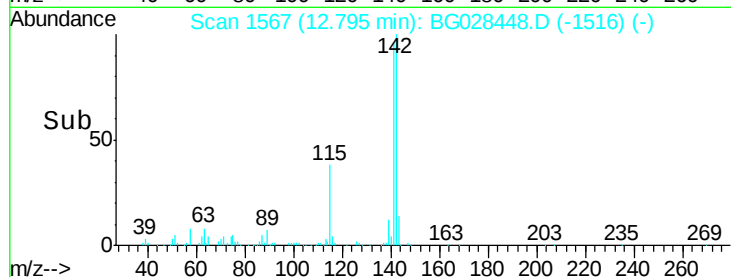
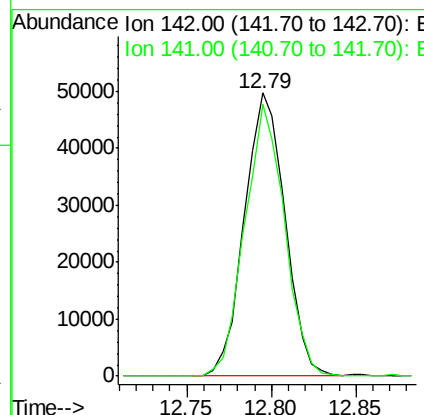
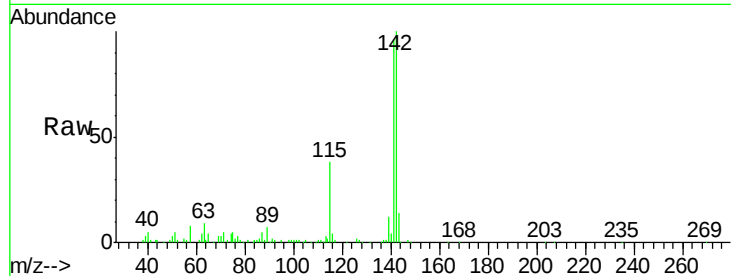
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 2-Methylnaphthalene
 Concen: 10.419 ng/ul
 RT: 12.79 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: BG028448.D
 Acq: 23 Aug 2017 13:26

Instrument :
 BNA_G
 ClientSampled :
 E7GC0

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.2	68.6	102.8

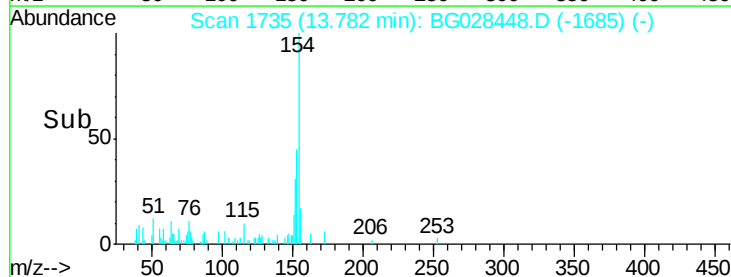
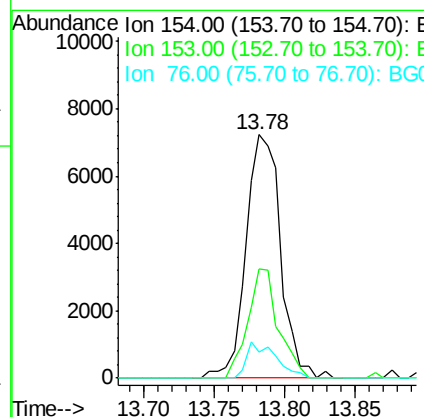
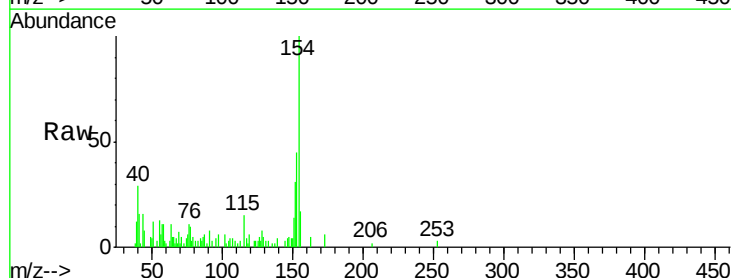
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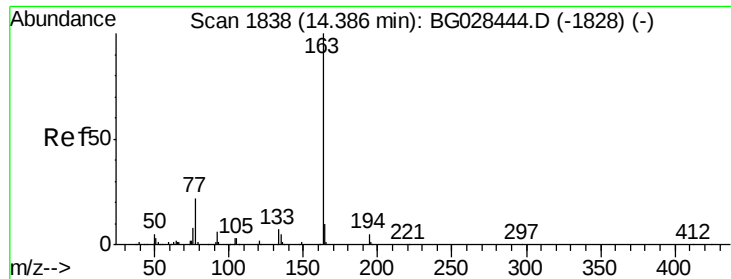
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#40
 1,1'-Biphenyl
 Concen: 1.326 ng/ul
 RT: 13.78 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG028448.D
 Acq: 23 Aug 2017 13:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.1	32.2	48.2
76	10.5	9.6	14.4





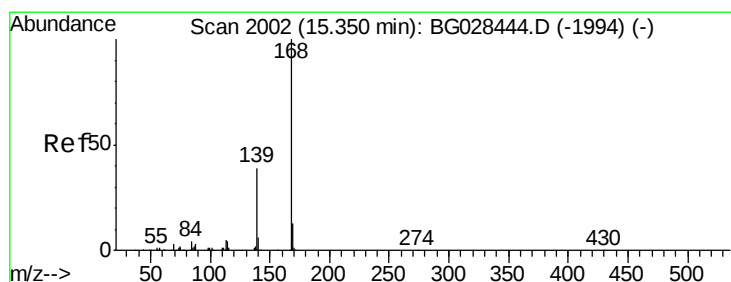
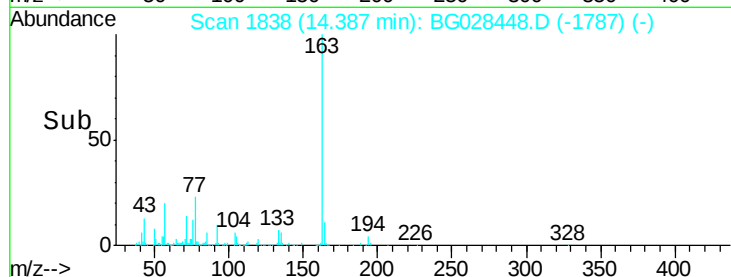
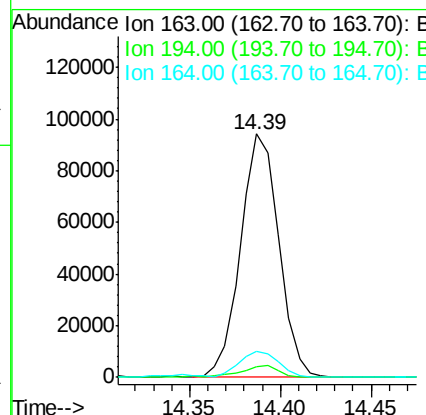
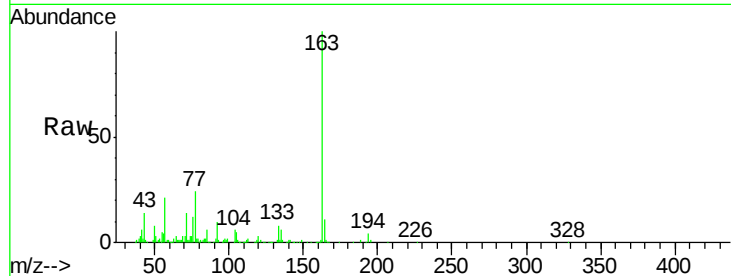
#44
Dimethylphthalate
Concen: 13.165 ng/ul
RT: 14.39 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BG028448.D
Acq: 23 Aug 2017 13:26

Instrument :
BNA_G
ClientSampleId :
E7GC0

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.2	3.4	5.0
164	10.9	9.0	13.4

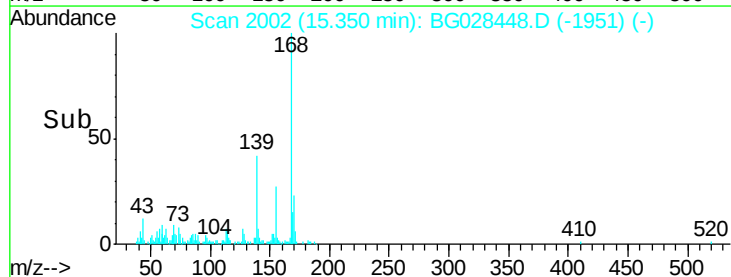
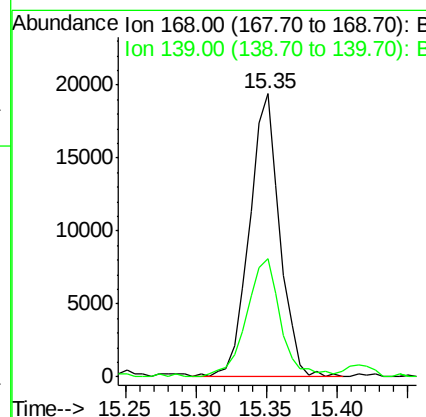
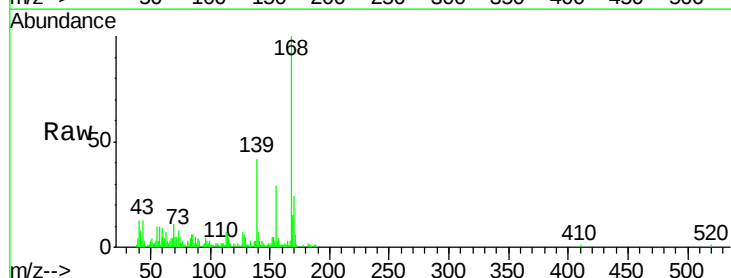
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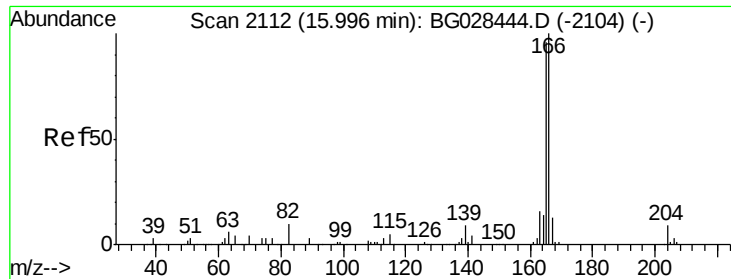
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#53
Dibenzofuran
Concen: 2.412 ng/ul
RT: 15.35 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG028448.D
Acq: 23 Aug 2017 13:26

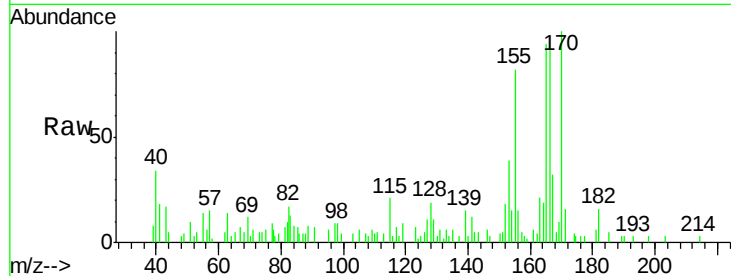
Tgt Ion	Ratio	Resp Lower	Resp Upper
168	100		
139	41.7	33.8	50.8





#58
 Fluorene
 Concen: 1.044 ng/ul
 RT: 16.00 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BG028448.D
 Acq: 23 Aug 2017 13:26

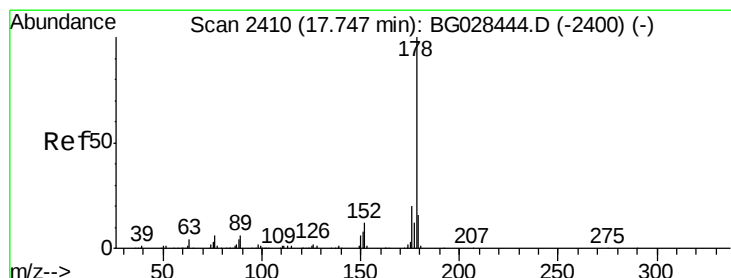
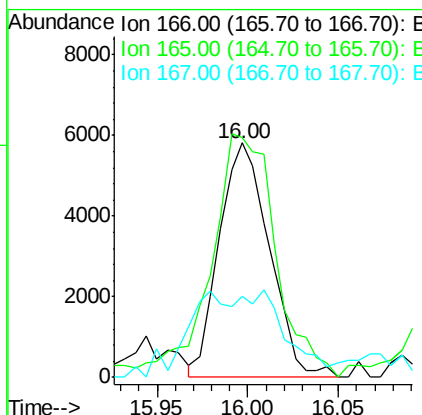
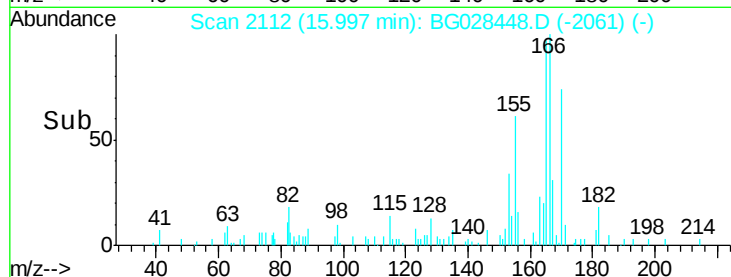
Instrument :
 BNA_G
 ClientSampleId :
 E7GC0



Tgt Ion:166 Resp: 11173
 Ion Ratio Lower Upper
 166 100
 165 102.0 79.7 119.5
 167 34.5 11.4 17.2#

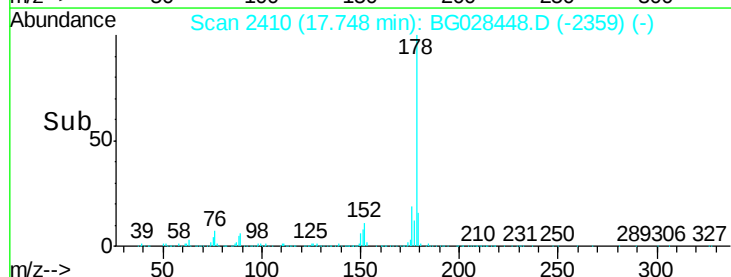
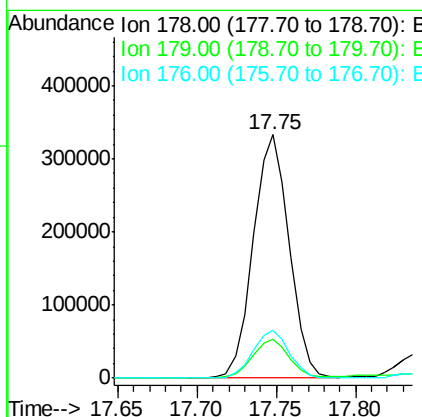
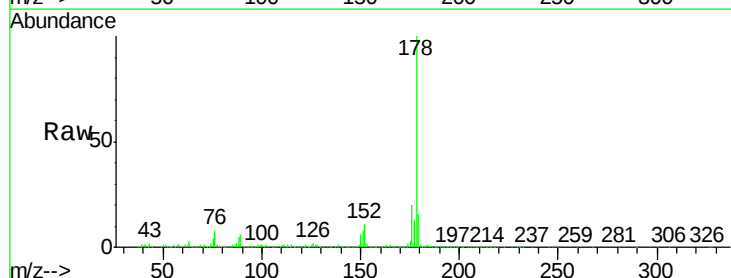
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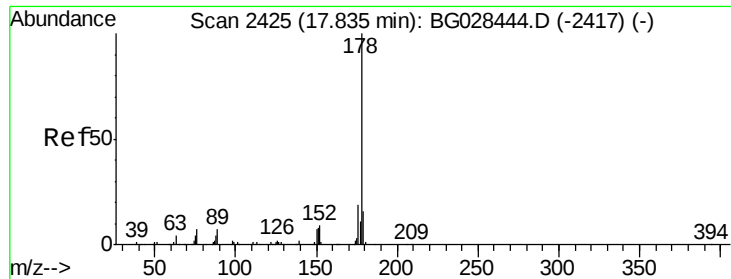
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#69
 Phenanthrene
 Concen: 37.810 ng/ul
 RT: 17.75 min Scan# 2410
 Delta R.T. 0.00 min
 Lab File: BG028448.D
 Acq: 23 Aug 2017 13:26

Tgt Ion:178 Resp: 522731
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.4 18.6
 176 19.5 16.5 24.7





#71

Anthracene

Concen: 3.595 ng/ul

RT: 17.84 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG028448.D

Acq: 23 Aug 2017 13:26

Instrument :

BNA_G

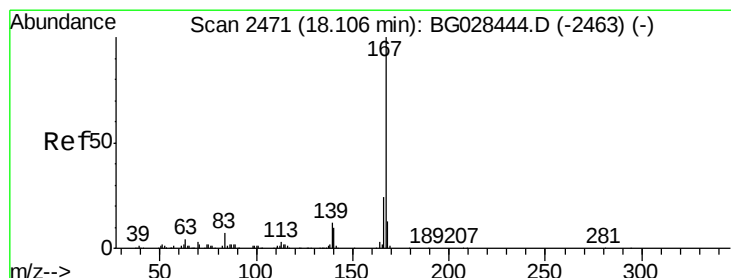
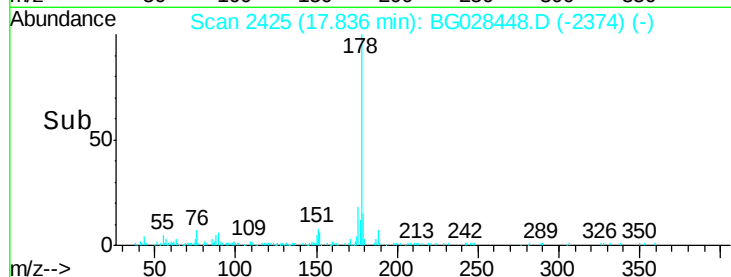
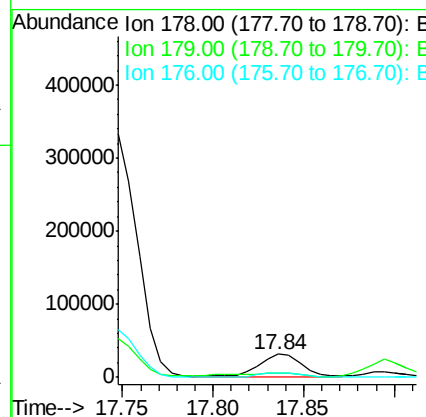
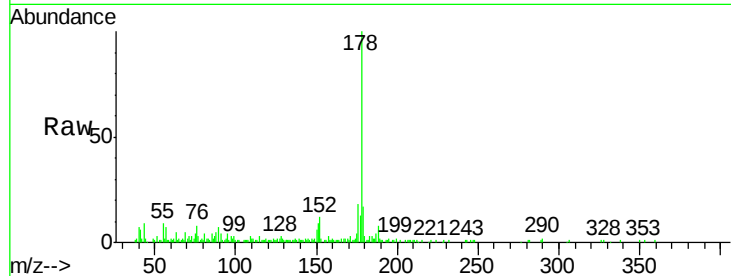
ClientSampleId :

E7GC0

Tgt Ion:	178	Resp:	50798
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.6	19.0
176	18.1	15.9	23.9

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#72

Carbazole

Concen: 5.708 ng/ul

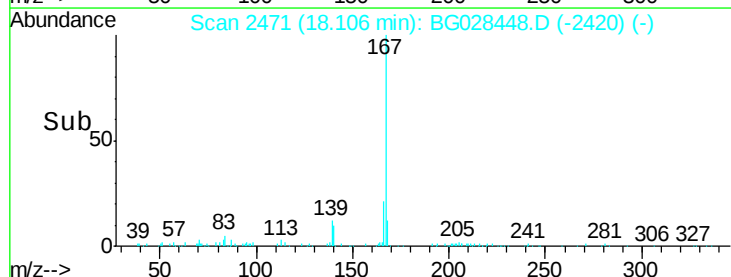
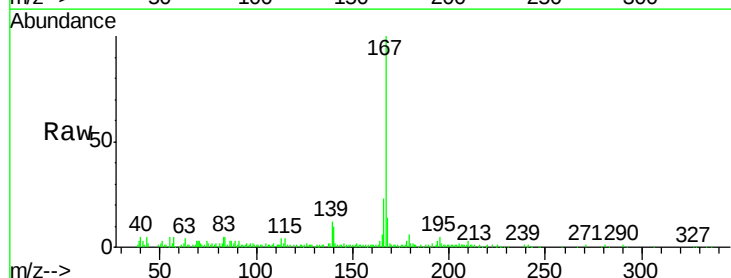
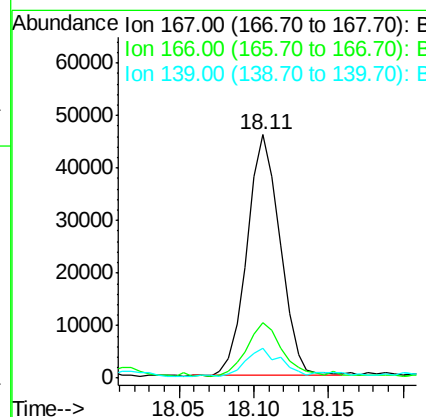
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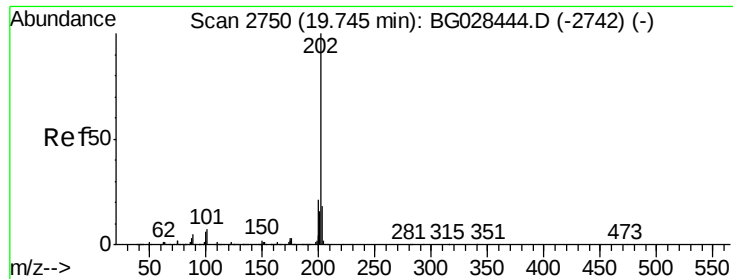
Delta R.T. 0.00 min

Lab File: BG028448.D

Acq: 23 Aug 2017 13:26

Tgt Ion:	167	Resp:	70147
Ion Ratio	Lower	Upper	
167	100		
166	22.7	17.9	26.9
139	12.3	10.5	15.7





#74

Fluoranthene

Concen: 107.106 ng/ul

RT: 19.75 min Scan# 2751

Delta R.T. 0.01 min

Lab File: BG028448.D

Acq: 23 Aug 2017 13:26

Instrument :

BNA_G

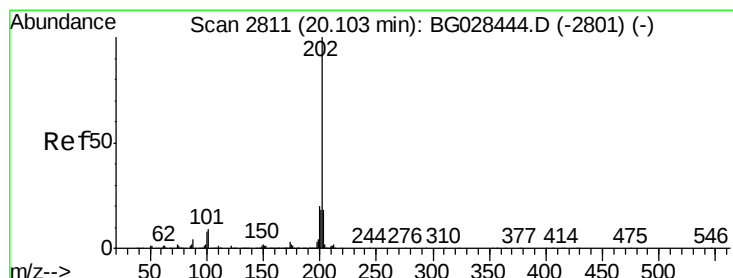
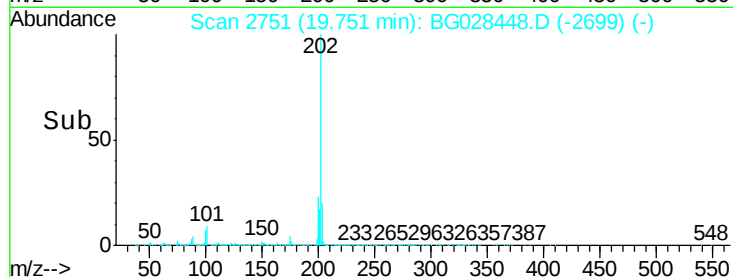
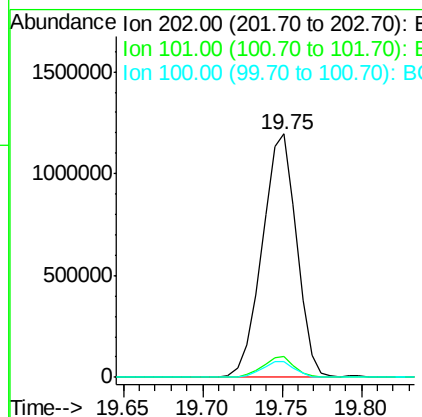
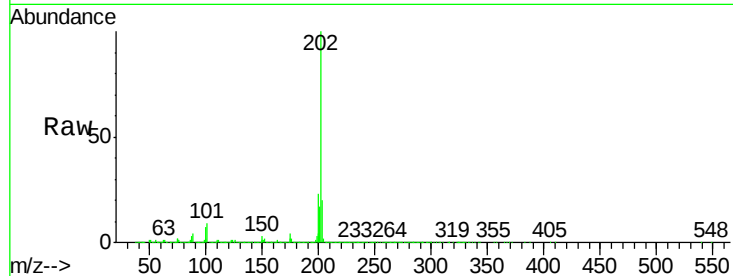
ClientSampleId :

E7GC0

Tgt Ion:	202	Resp:	1799592
Ion Ratio	Lower	Upper	
202	100		
101	8.6	6.2	9.2
100	6.6	5.2	7.8

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#77

Pyrene

Concen: 76.688 ng/ul

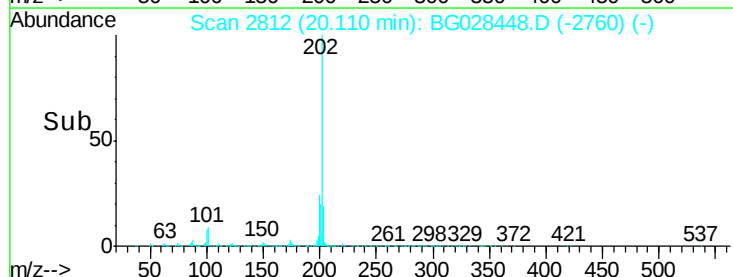
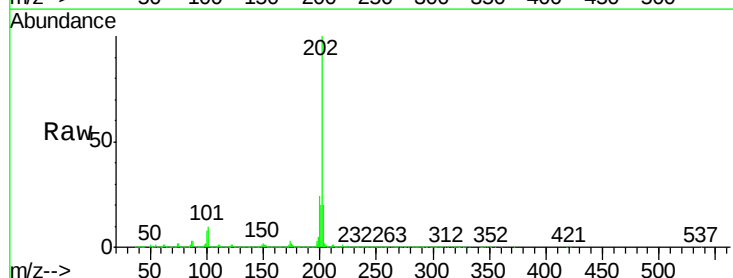
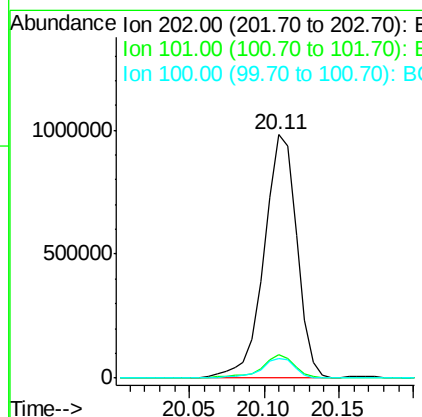
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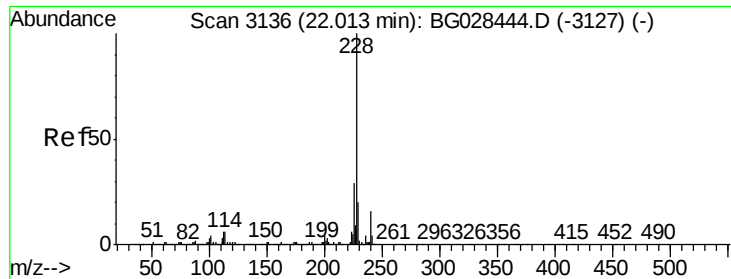
Delta R.T. 0.01 min

Lab File: BG028448.D

Acq: 23 Aug 2017 13:26

Tgt Ion:	202	Resp:	1493535
Ion Ratio	Lower	Upper	
202	100		
101	9.5	6.9	10.3
100	8.2	6.6	10.0





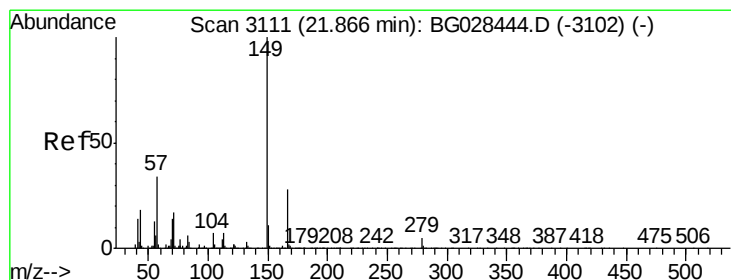
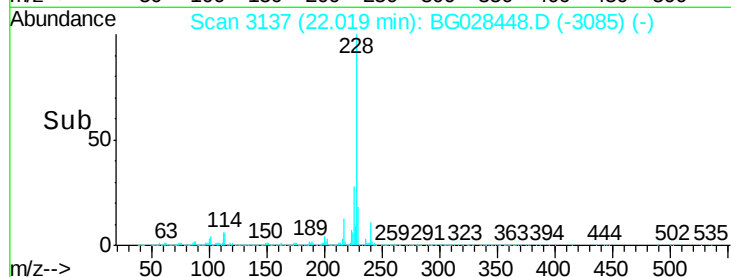
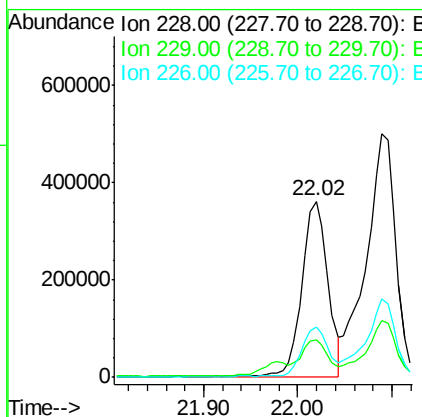
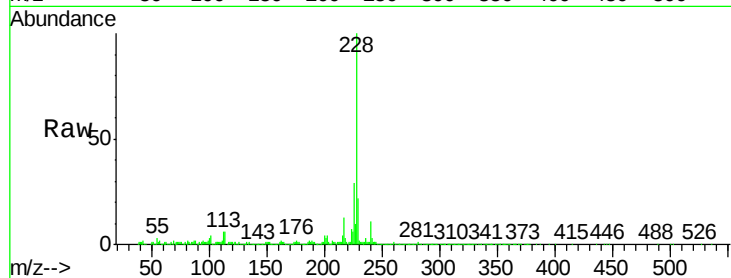
#80
Benzo(a)anthracene
Concen: 36.902 ng/ul
RT: 22.02 min Scan# 3137
Delta R.T. 0.01 min
Lab File: BG028448.D
Acq: 23 Aug 2017 13:26

Instrument :
BNA_G
ClientSampleId :
E7GC0

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.3	24.5
226	29.0	21.9	32.9

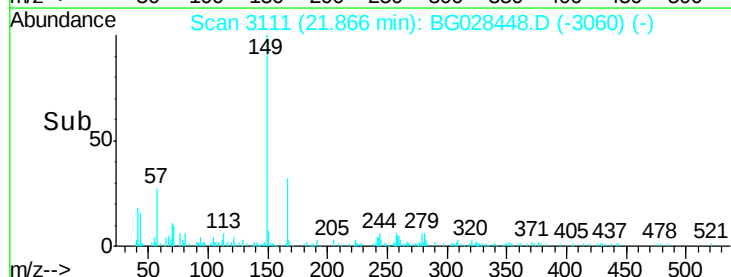
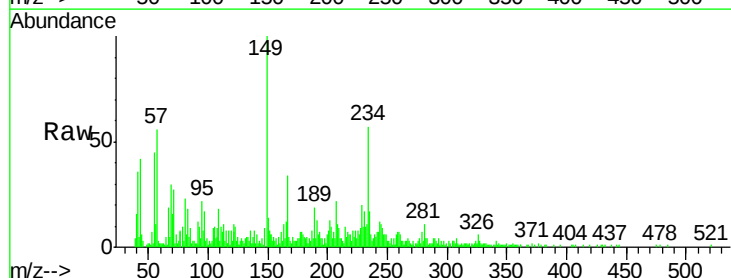
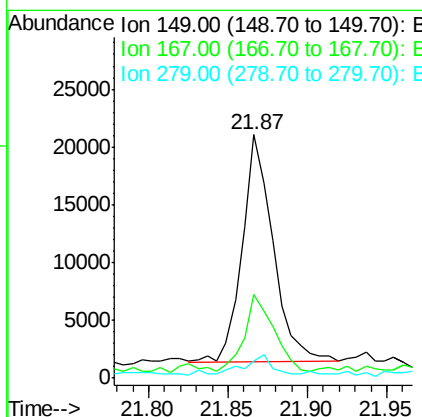
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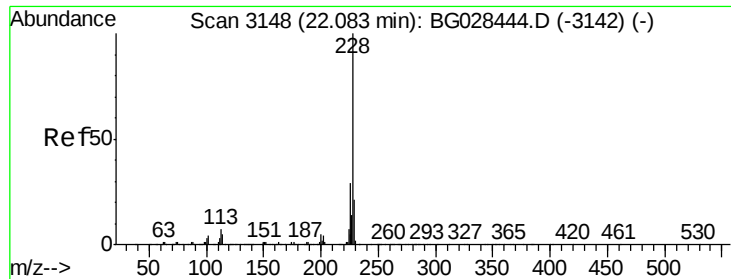
Sohil
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#81
Bis(2-ethylhexyl)phthalate
Concen: 2.566 ng/ul
RT: 21.87 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BG028448.D
Acq: 23 Aug 2017 13:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	34.1	21.8	32.8#
279	6.9	4.5	6.7#





#82

Chrysene

Concen: 63.983 ng/ul

RT: 22.09 min Scan# 3149

Delta R.T. 0.01 min

Lab File: BG028448.D

Acq: 23 Aug 2017 13:26

Instrument :

BNA_G

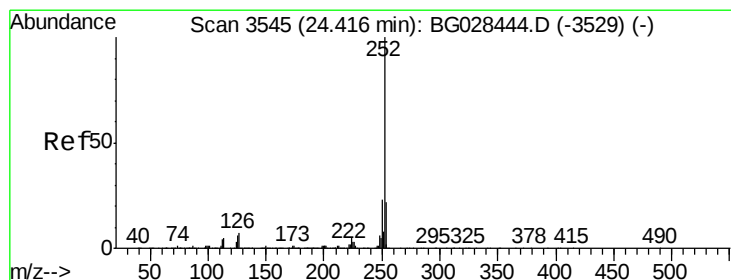
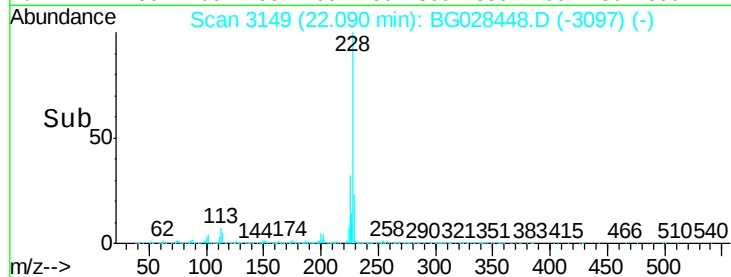
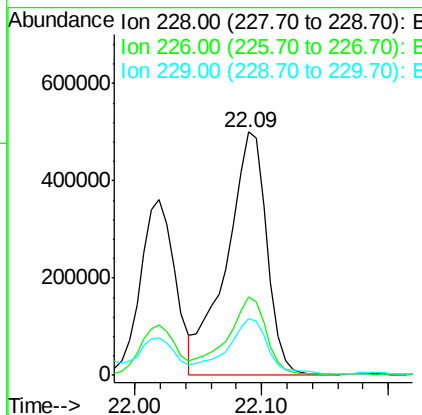
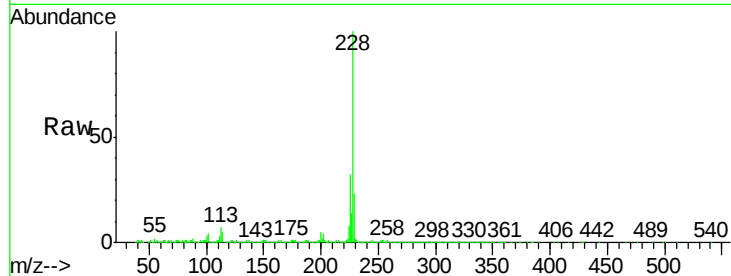
ClientSampleId :

E7GC0

Tgt Ion:	228	Resp:	1086851
Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.0	36.0
229	23.1	16.9	25.3

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#85

Benzo(b)fluoranthene

Concen: 98.739 ng/ul

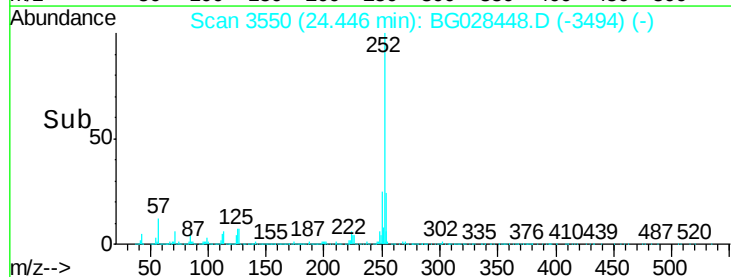
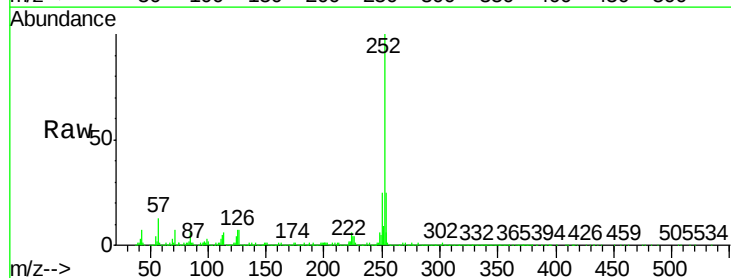
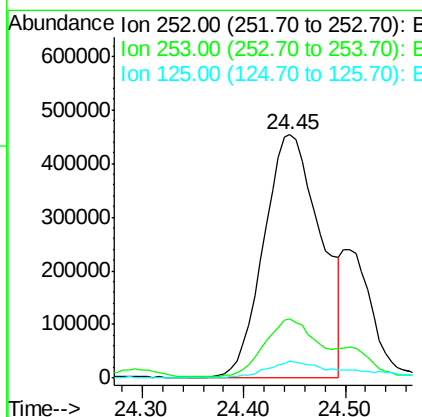
RT: 24.45 min Scan# 3550

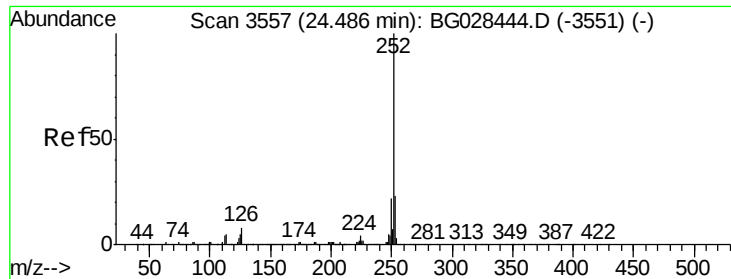
Delta R.T. 0.03 min

Lab File: BG028448.D

Acq: 23 Aug 2017 13:26

Tgt Ion:	252	Resp:	1764678
Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.7	26.5
125	6.9	4.0	6.0#





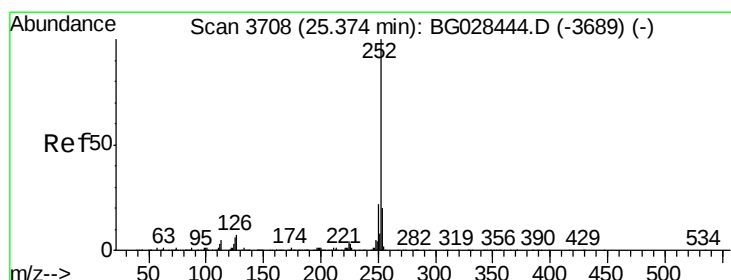
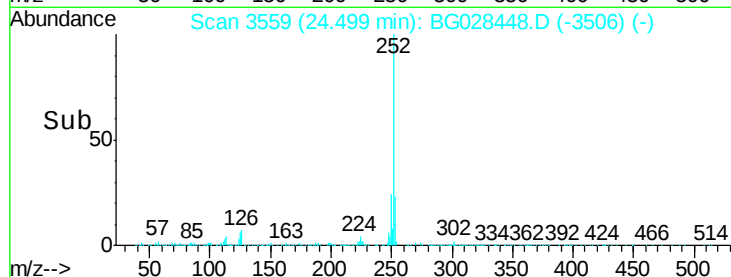
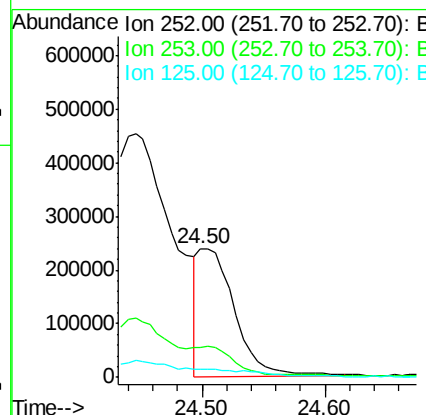
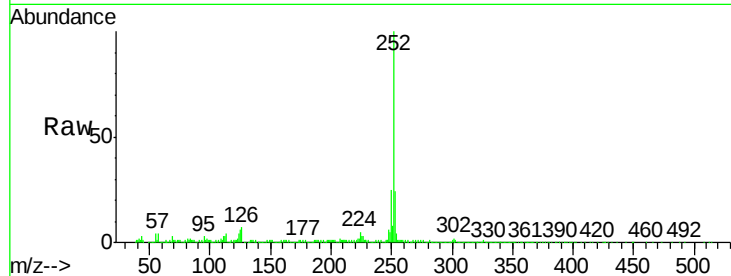
#86
Benzo(k)fluoranthene
Concen: 28.225 ng/ul m
RT: 24.50 min Scan# 3559
Delta R.T. 0.01 min
Lab File: BG028448.D
Acq: 23 Aug 2017 13:26

Instrument :
BNA_G
ClientSampleId :
E7GC0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	6.3	4.1	6.1#

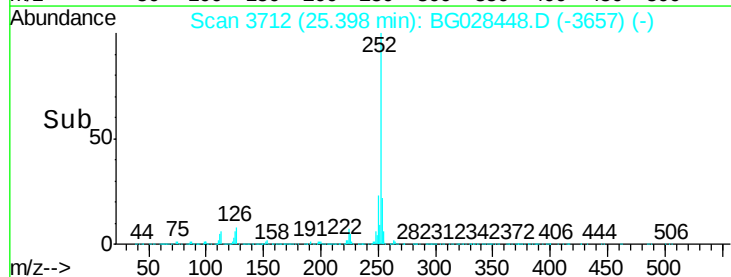
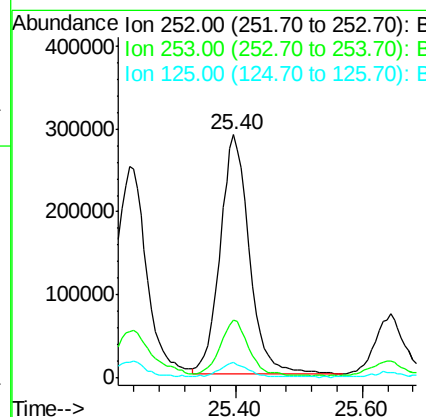
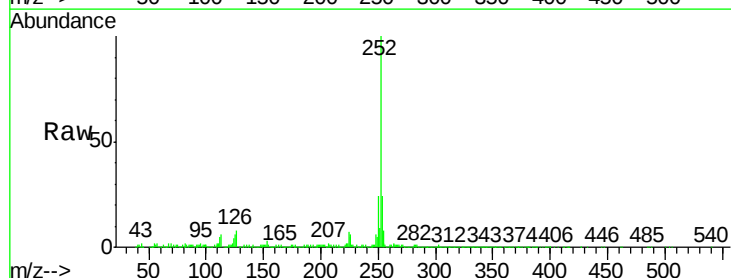
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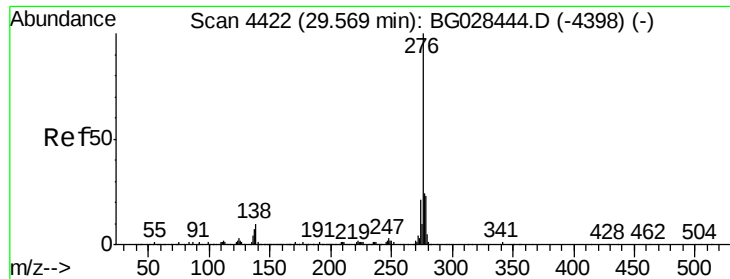
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#88
Benzo(a)pyrene
Concen: 53.341 ng/ul
RT: 25.40 min Scan# 3712
Delta R.T. 0.02 min
Lab File: BG028448.D
Acq: 23 Aug 2017 13:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	6.3	5.4	8.0





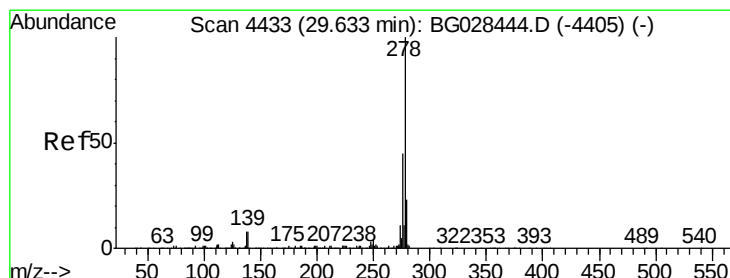
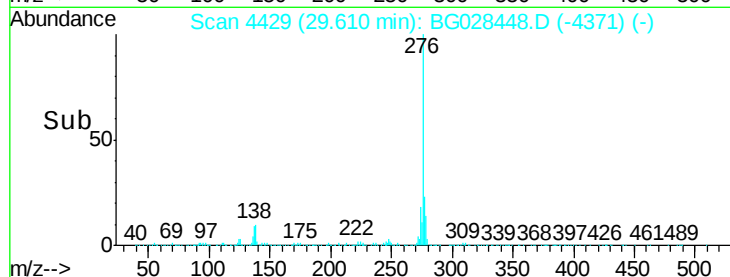
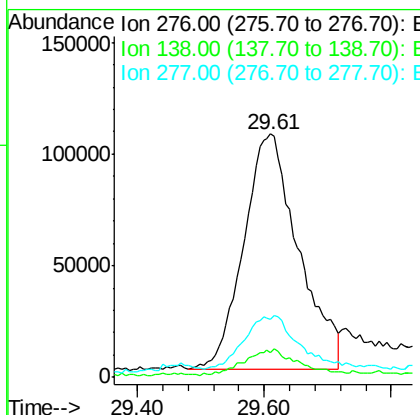
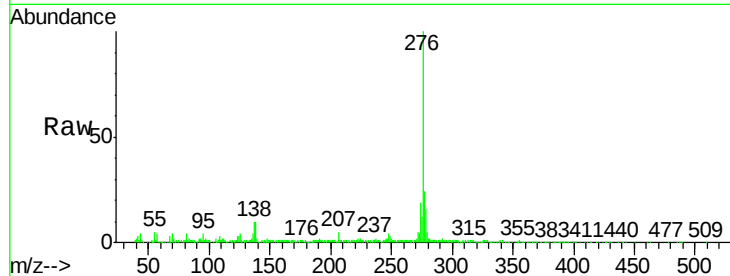
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 31.189 ng/ul
 RT: 29.61 min Scan# 4429
 Delta R.T. 0.04 min
 Lab File: BG028448.D
 Acq: 23 Aug 2017 13:26

Instrument :
 BNA_G
 ClientSampleId :
 E7GC0

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	632006		
138	10.3		8.2	12.4
277	24.0		18.6	28.0

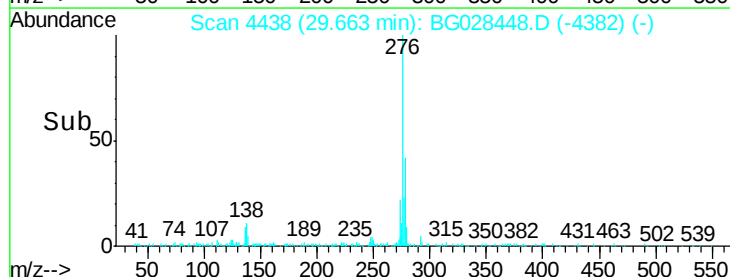
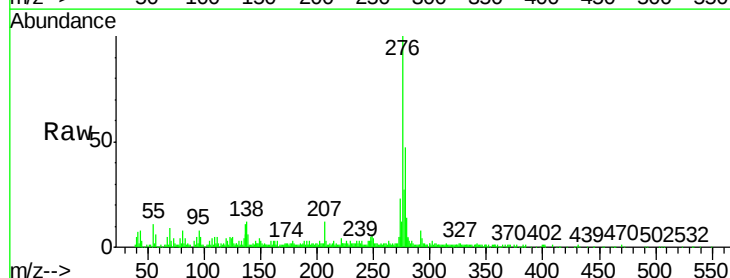
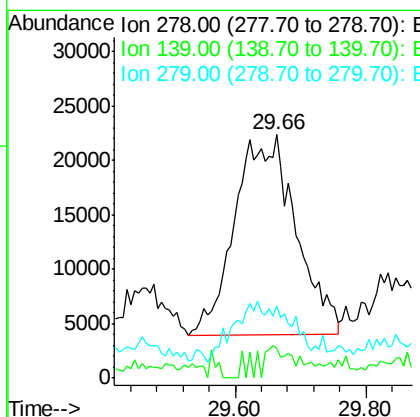
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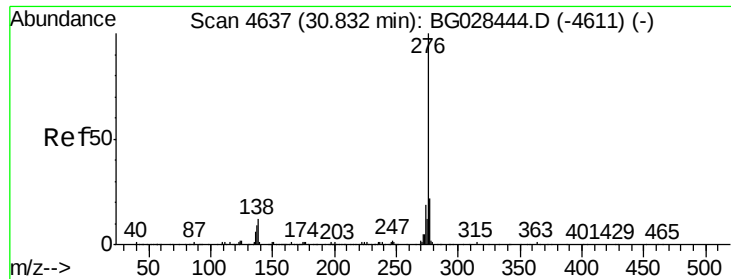
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#90
 Dibenzo(a,h)anthracene
 Concen: 6.966 ng/ul m
 RT: 29.66 min Scan# 4438
 Delta R.T. 0.03 min
 Lab File: BG028448.D
 Acq: 23 Aug 2017 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	118310		
139	12.3		6.7	10.1#
279	29.8		20.9	31.3





#91

Benzo(g,h,i)perylene

Concen: 34.162 ng/ul

RT: 30.88 min Scan# 4645

Delta R.T. 0.05 min

Lab File: BG028448.D

Acq: 23 Aug 2017 13:26

Instrument :

BNA_G

ClientSampleId :

E7GC0

Tgt Ion:	276	Resp:	569515
Ion Ratio		Lower	Upper
276	100		
138	10.7	8.6	12.8
277	24.2	17.6	26.4

Manual Integrations
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