

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
 Data File : BG028309.D
 Acq On : 12 Aug 2017 4:11
 Operator : SJ/JU
 Sample : I4504-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA9

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Quant Time: Aug 12 05:11:15 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 12 02:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	60966	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	261906	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	165576	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	364089m	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	419672	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	404486	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	3605	2.75	ng/uL	0.00
5) Phenol-d5	7.51	99	103254	15.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	64521	15.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	73145	17.32	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	87460	15.63	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	38046	18.58	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	46254	20.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	87382	18.81	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	3817	0.74	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	258193	17.53	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	308255	18.57	ng/ul	0.00
51) 4-Nitrophenol-d4	15.18	143	37897	16.18	ng/ul	0.02
57) Fluorene-d10	15.96	176	220428	16.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	44838m	18.96	ng/ul	0.00
70) Anthracene-d10	17.81	188	341631	19.57	ng/ul	0.00
76) Pyrene-d10	20.09	212	377094	17.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	342589	18.09	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.54	94	9465	1.422	ng/ul#	86
28) Naphthalene	11.23	128	43433	3.348	ng/ul#	95
34) 2-Methylnaphthalene	12.81	142	105731	10.148	ng/ul	96
40) 1,1'-Biphenyl	13.80	154	21041	1.740	ng/ul#	95
44) Dimethylphthalate	14.40	163	70326	5.186	ng/ul#	98
53) Dibenzofuran	15.36	168	57418	3.678	ng/ul	99
58) Fluorene	16.01	166	91643	6.631	ng/ul	97
69) Phenanthrene	17.75	178	164305m	8.967	ng/ul	
77) Pyrene	20.12	202	101266	4.044	ng/ul	98
80) Benzo(a)anthracene	22.03	228	35110	1.448	ng/ul#	74
82) Chrysene	22.10	228	30491	1.396	ng/ul#	69

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

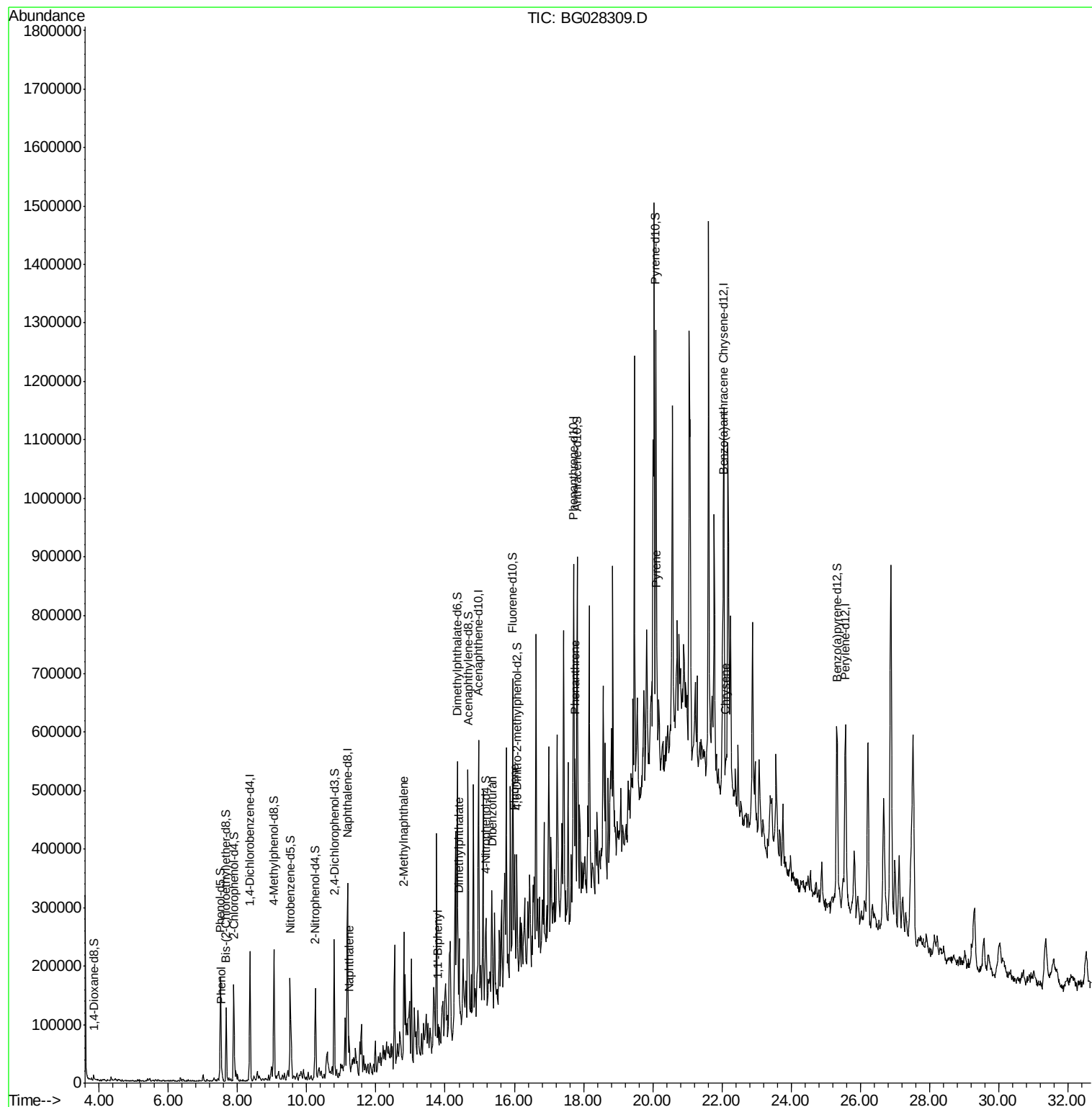
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028309.D
Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
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ALS Vial : 17 Sample Multiplier: 1

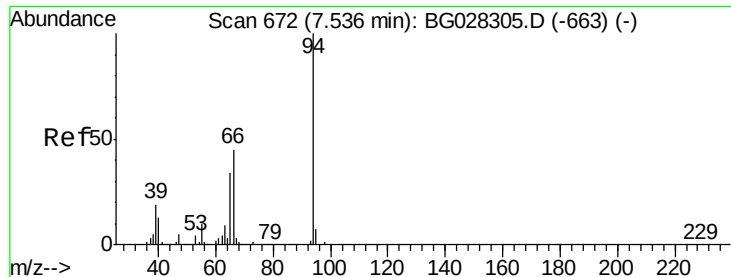
Instrument :
BNA_G
ClientSampleId :
C0AA9

Quant Time: Aug 12 05:11:15 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 12 02:00:35 2017
Response via : Initial Calibration

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#6

Phenol

Concen: 1.422 ng/ul

RT: 7.54 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG028309.D

Acq: 12 Aug 2017 4:11

Instrument :

BNA_G

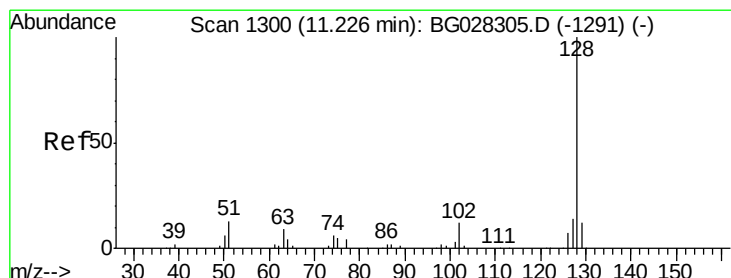
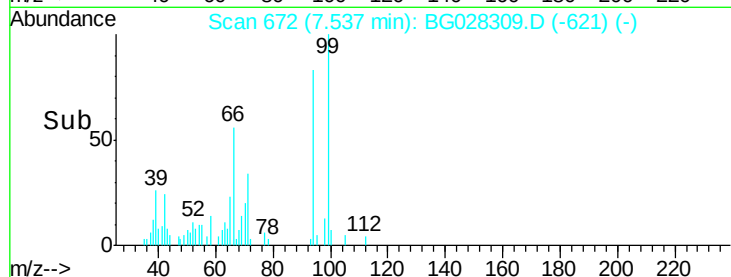
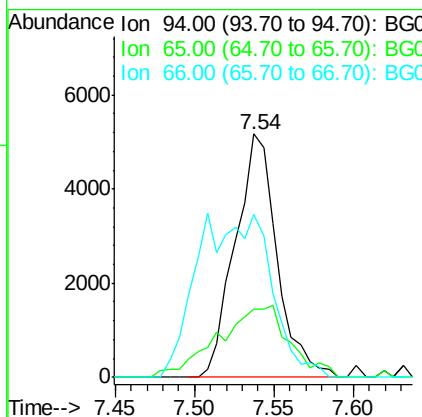
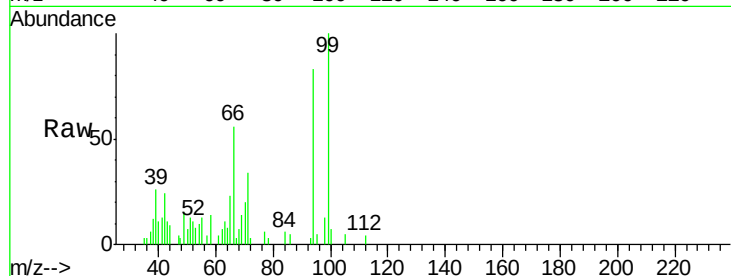
ClientSampleId :

C0AA9

Tgt Ion:	94	Resp:	9465
Ion Ratio	Lower	Upper	
94	100		
65	27.8	26.8	40.2
66	66.9	44.4	66.6#

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#28

Naphthalene

Concen: 3.348 ng/ul

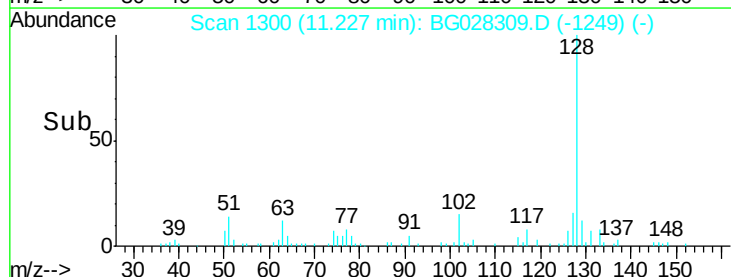
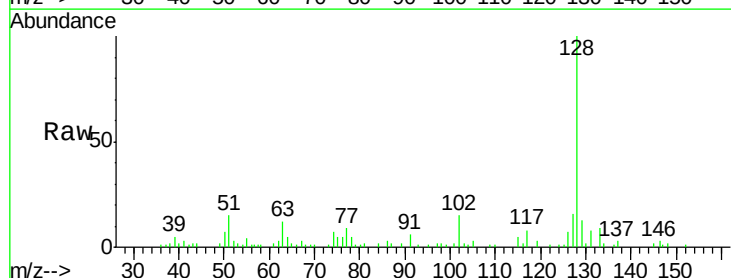
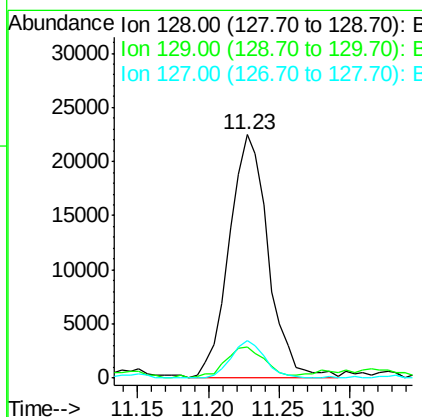
RT: 11.23 min Scan# 1300

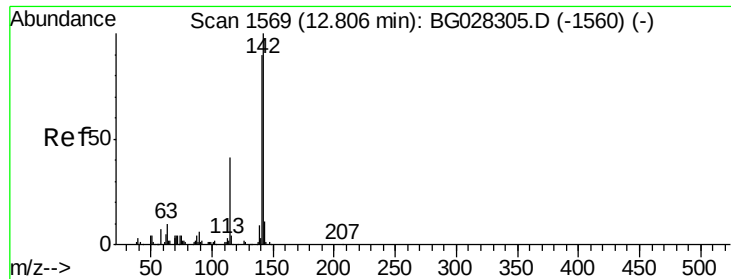
Delta R.T. 0.00 min

Lab File: BG028309.D

Acq: 12 Aug 2017 4:11

Tgt Ion:	128	Resp:	43433
Ion Ratio	Lower	Upper	
128	100		
129	13.0	9.4	14.2
127	15.7	10.3	15.5#





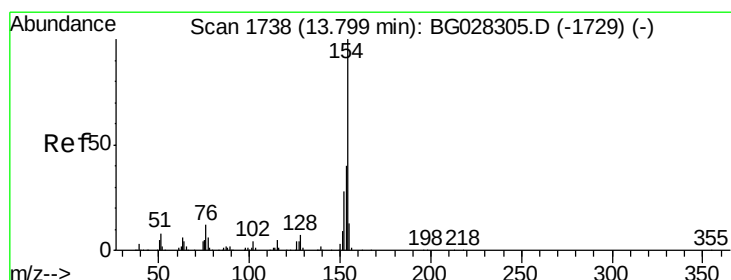
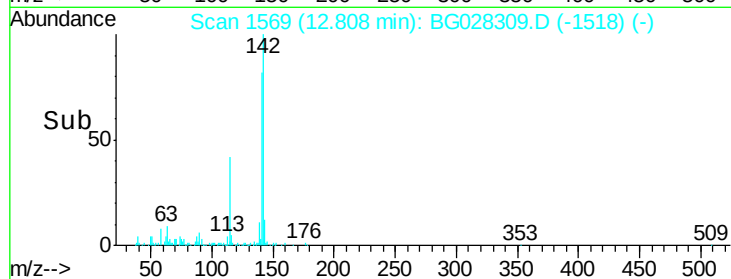
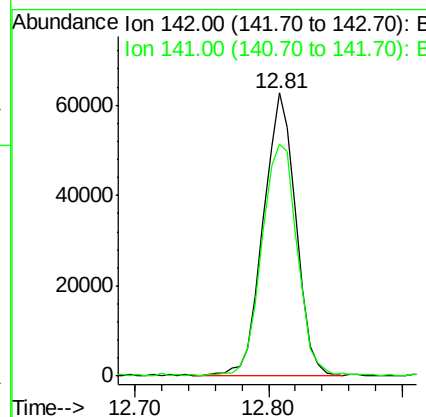
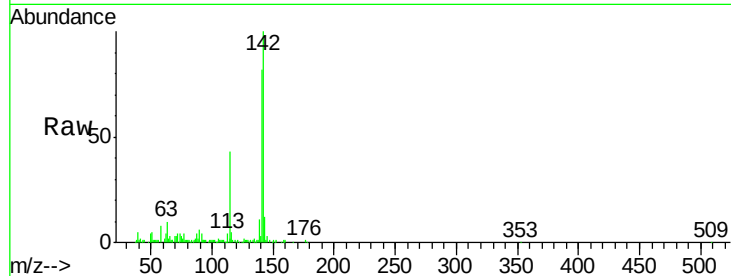
#34
 2-Methylnaphthalene
 Concen: 10.148 ng/ul
 RT: 12.81 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BG028309.D
 Acq: 12 Aug 2017 4:11

Instrument :
 BNA_G
 ClientSampleId :
 C0AA9

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	105731		
141	82.0	68.6	102.8	

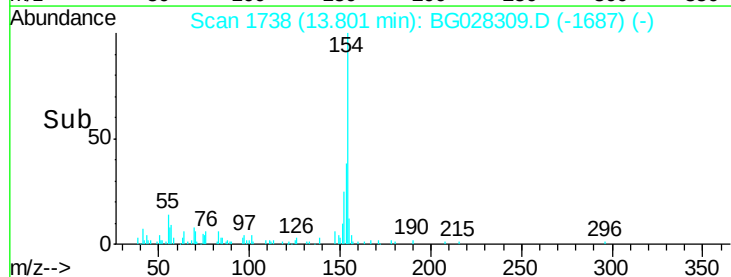
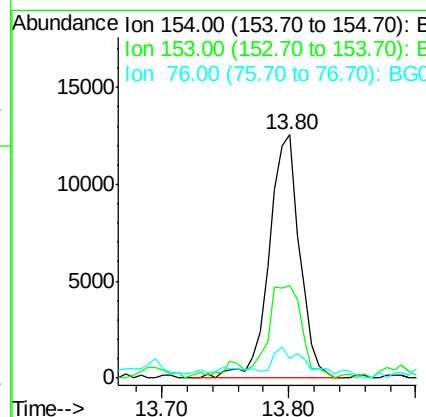
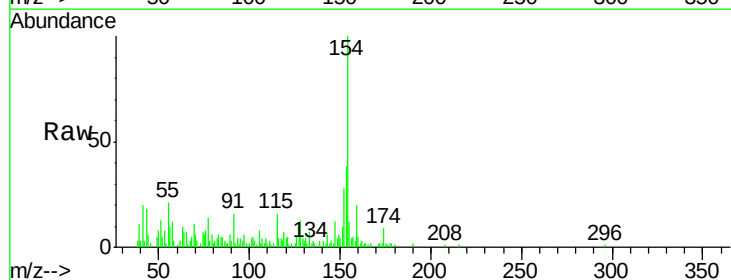
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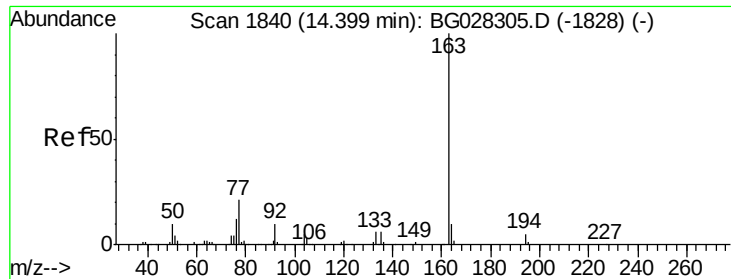
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#40
 1,1'-Biphenyl
 Concen: 1.740 ng/ul
 RT: 13.80 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: BG028309.D
 Acq: 12 Aug 2017 4:11

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	21041		
153	38.0	32.2	48.2	
76	8.0	9.6	14.4	





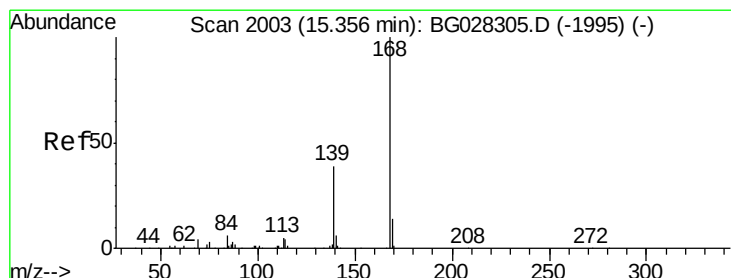
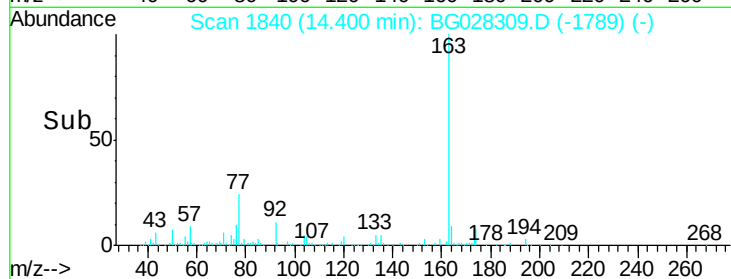
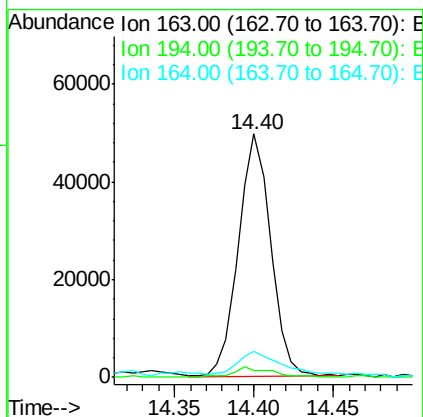
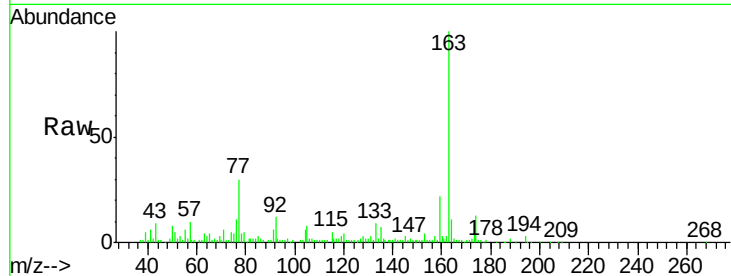
#44
Dimethylphthalate
Concen: 5.186 ng/ul
RT: 14.40 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BG028309.D
Acq: 12 Aug 2017 4:11

Instrument :
BNA_G
ClientSampleId :
C0AA9

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	70326		
194	3.0		3.4	5.0#
164	10.7		9.0	13.4

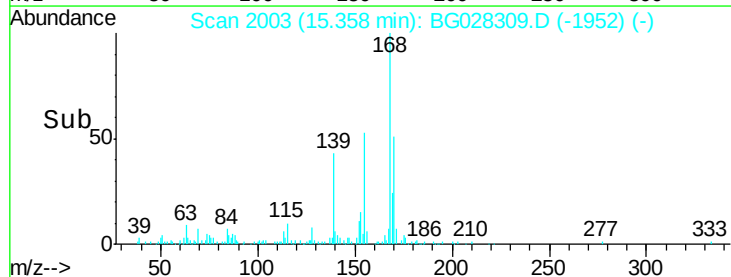
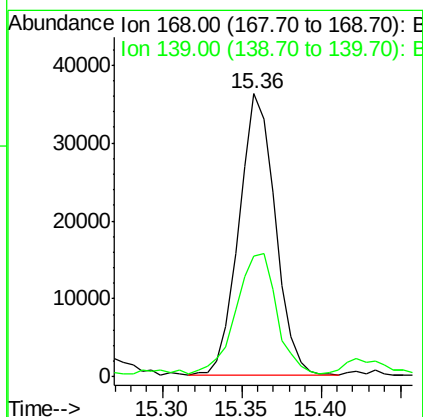
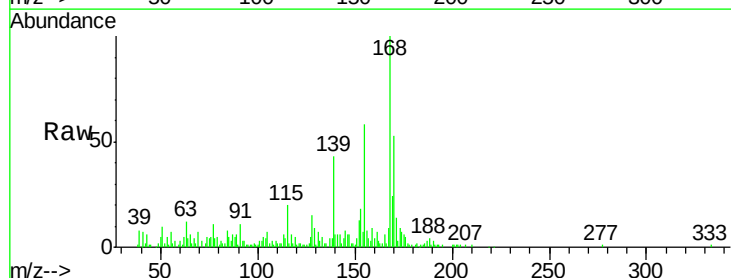
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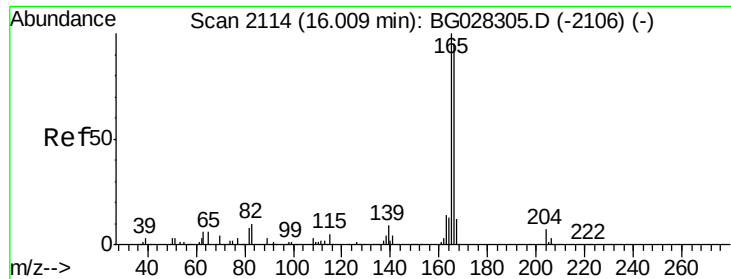
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#53
Dibenzofuran
Concen: 3.678 ng/ul
RT: 15.36 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG028309.D
Acq: 12 Aug 2017 4:11

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	57418		
139	42.8		33.8	50.8





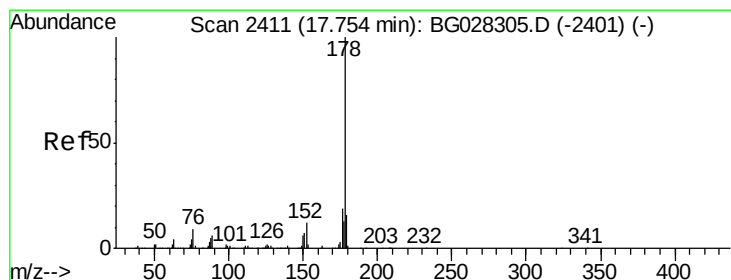
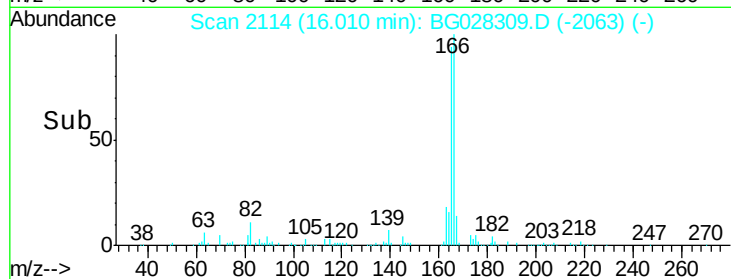
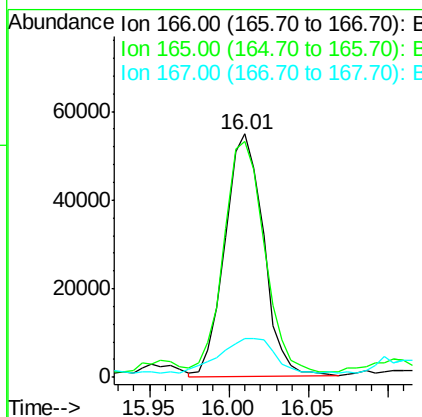
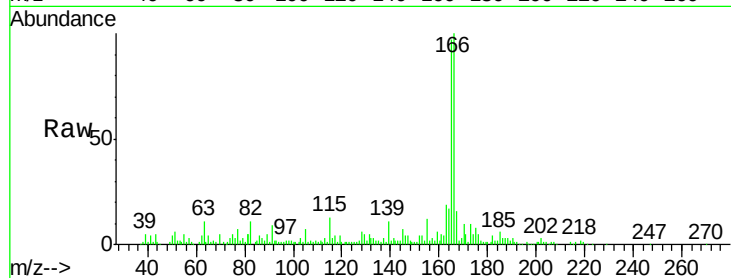
#58
 Fluorene
 Concen: 6.631 ng/ul
 RT: 16.01 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: BG028309.D
 Acq: 12 Aug 2017 4:11

Instrument :
 BNA_G
 ClientSampleId :
 C0AA9

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	91643		
165	96.8	79.7	119.5	
167	15.8	11.4	17.2	

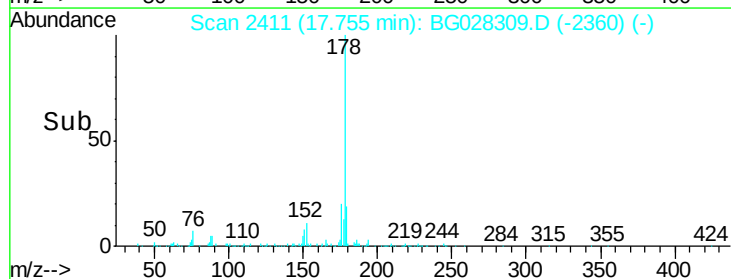
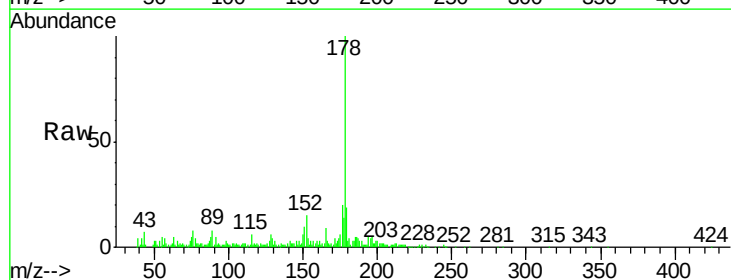
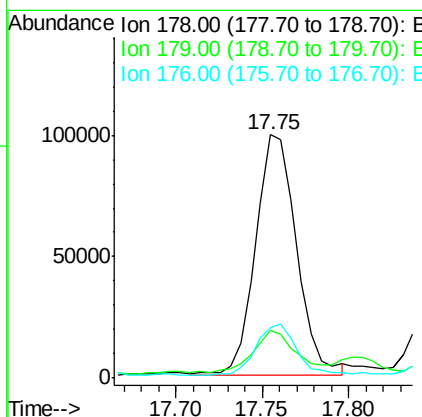
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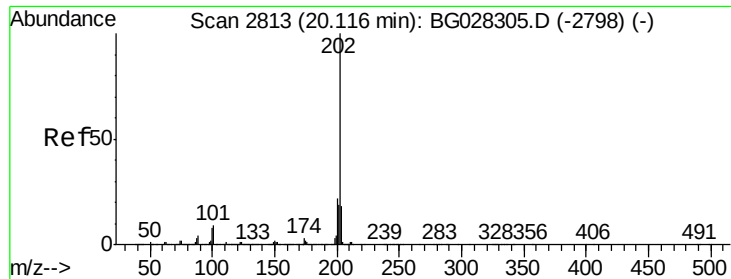
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#69
 Phenanthrene
 Concen: 8.967 ng/ul m
 RT: 17.75 min Scan# 2411
 Delta R.T. 0.00 min
 Lab File: BG028309.D
 Acq: 12 Aug 2017 4:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	164305		
179	19.4	12.4	18.6#	
176	20.5	16.5	24.7	





#77

Pyrene

Concen: 4.044 ng/ul

RT: 20.12 min Scan# 2813

Delta R.T. 0.00 min

Lab File: BG028309.D

Acq: 12 Aug 2017 4:11

Instrument :

BNA_G

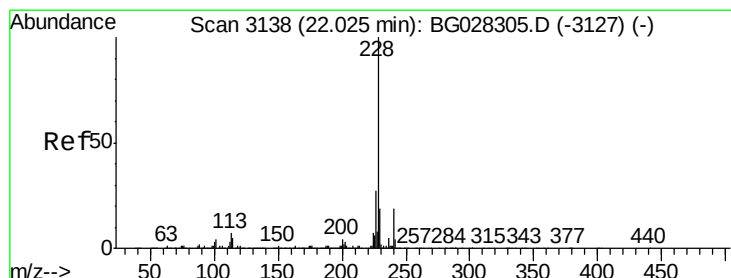
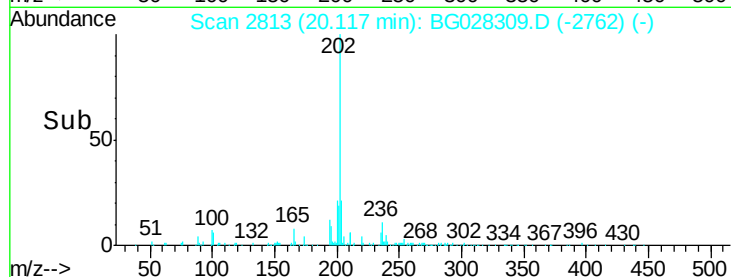
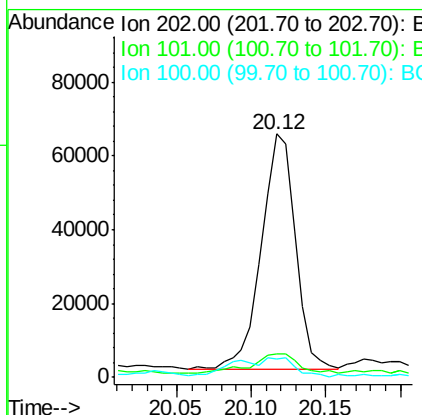
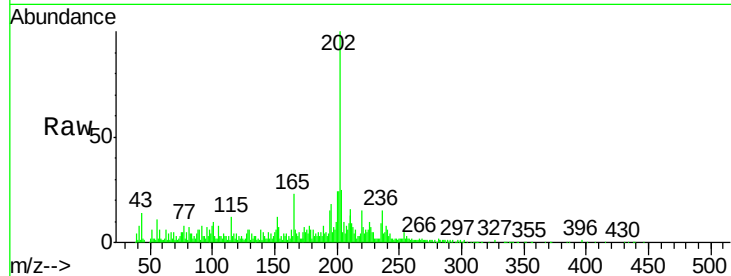
ClientSampleId :

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Tgt Ion:	202	Resp:	101266
Ion Ratio	Lower	Upper	
202	100		
101	9.6	6.9	10.3
100	7.7	6.6	10.0

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#80

Benzo(a)anthracene

Concen: 1.448 ng/ul

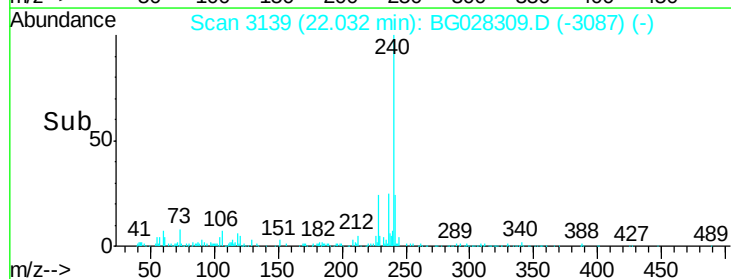
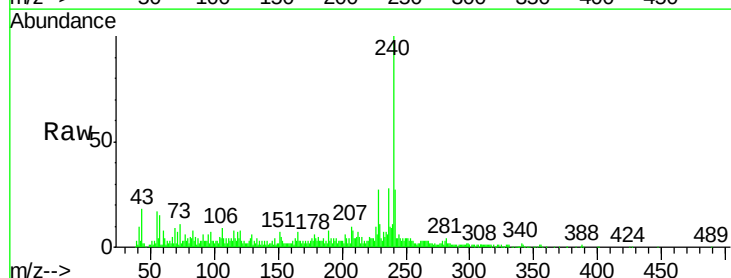
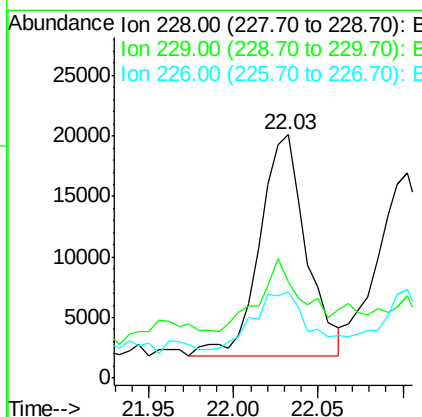
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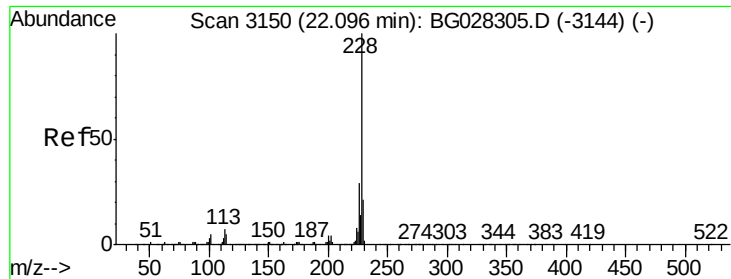
Delta R.T. 0.01 min

Lab File: BG028309.D

Acq: 12 Aug 2017 4:11

Tgt Ion:	228	Resp:	35110
Ion Ratio	Lower	Upper	
228	100		
229	39.7	16.3	24.5#
226	35.1	21.9	32.9#





#82
 Chrysene
 Concen: 1.396 ng/ul
 RT: 22.10 min Scan# 3151
 Delta R.T. 0.01 min
 Lab File: BG028309.D
 Acq: 12 Aug 2017 4:11

Instrument :
 BNA_G
 ClientSampleId :
 C0AA9

Tgt Ion	Ratio	Lower	Upper
228	100		
226	43.2	24.0	36.0#
229	39.8	16.9	25.3#

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