

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG028536.D
 Acq On : 29 Aug 2017 2:28
 Operator : SJ/JU
 Sample : I4905-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0B16

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

Quant Time: Aug 29 15:24:48 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	60294	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	241397	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	153073	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	348663	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	412688	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	398434	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	6184	4.78	ng/uL	0.00
5) Phenol-d5	7.50	99	169902	25.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	109354	26.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	128058	30.65	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	138496	25.02	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	67287m	35.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	78912	38.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	147466	34.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	94983	19.93	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	463530	34.05	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	536587	34.96	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	63171	29.18	ng/ul	0.02
57) Fluorene-d10	15.94	176	401738	32.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	50054	22.10	ng/ul	0.00
70) Anthracene-d10	17.81	188	644318m	38.54	ng/ul	0.00
76) Pyrene-d10	20.08	212	740623	35.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	732587	39.28	ng/ul	0.04

Target Compounds

				Ovalue	
6) Phenol	7.53	94	14429	2.193	ng/ul 91
28) Naphthalene	11.21	128	42129	3.524	ng/ul# 93
34) 2-Methylnaphthalene	12.80	142	108356	11.283	ng/ul 94
44) Dimethylphthalate	14.39	163	132214	10.547	ng/ul# 94
58) Fluorene	16.00	166	13329	1.043	ng/ul# 86
69) Phenanthrene	17.75	178	44594	2.541	ng/ul# 86
74) Fluoranthene	19.75	202	32084	1.505	ng/ul# 97
77) Pyrene	20.11	202	59571	2.419	ng/ul# 95
82) Chrysene	22.06	228	48971	2.280	ng/ul# 64
85) Benzo(b)fluoranthene	24.43	252	43694	1.833	ng/ul# 77
88) Benzo(a)pyrene	25.39	252	35355	1.531	ng/ul# 72

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

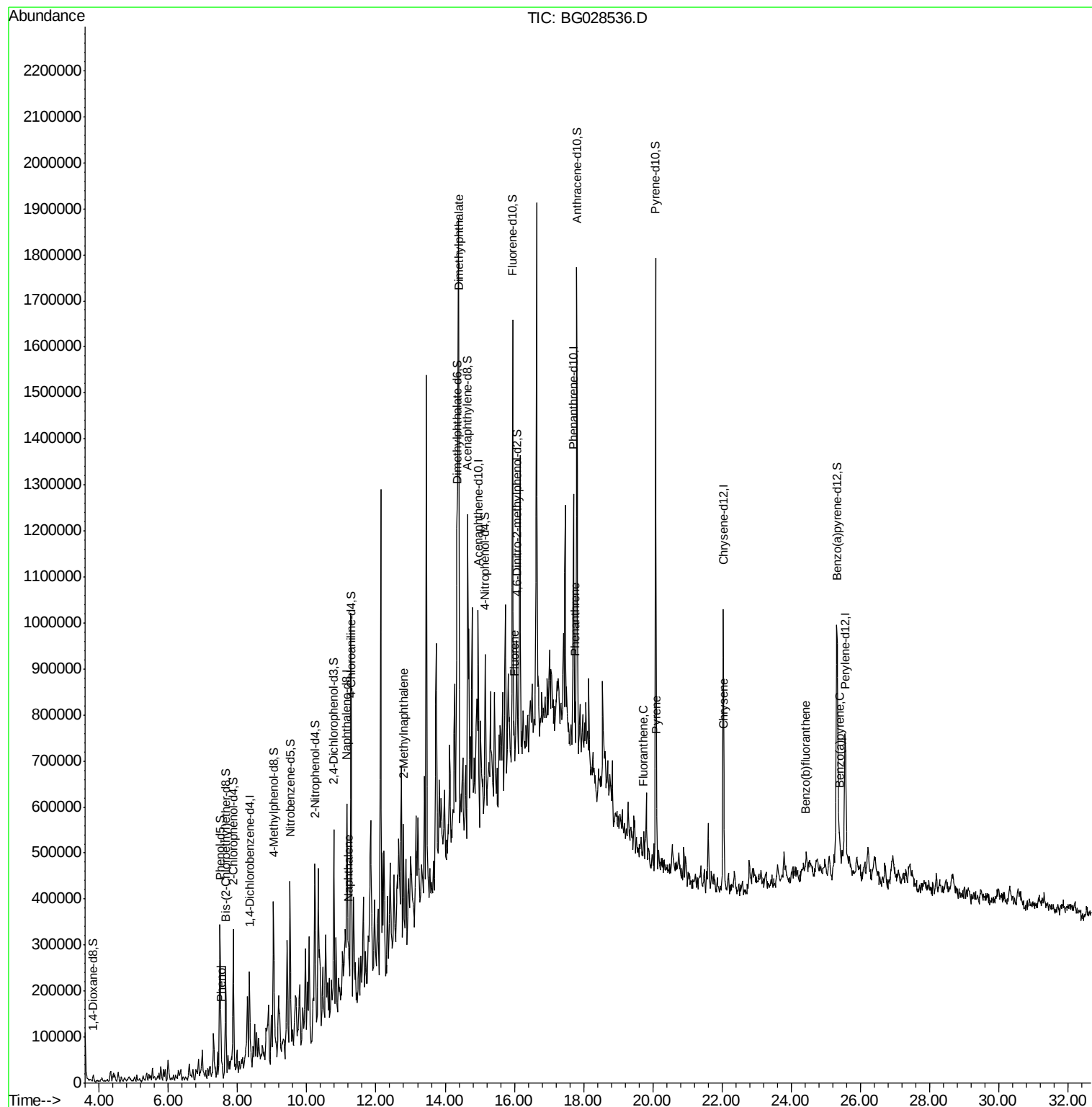
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028536.D
Acq On : 29 Aug 2017 2:28
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ALS Vial : 22 Sample Multiplier: 1

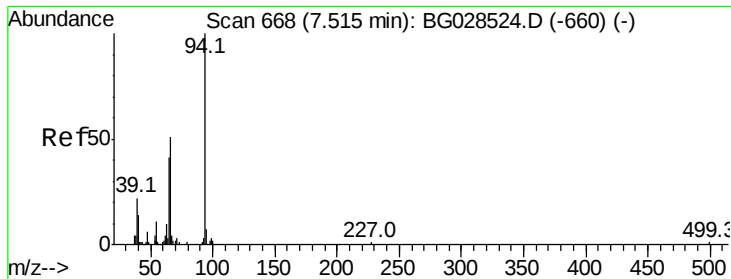
Instrument :
BNA_G
ClientSampled :
B0B16

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Quant Time: Aug 29 15:24:48 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: 2.193 ng/ul

RT: 7.53 min Scan# 671

Delta R.T. 0.02 min

Lab File: BG028536.D

Acq: 29 Aug 2017 2:28

Instrument :

BNA_G

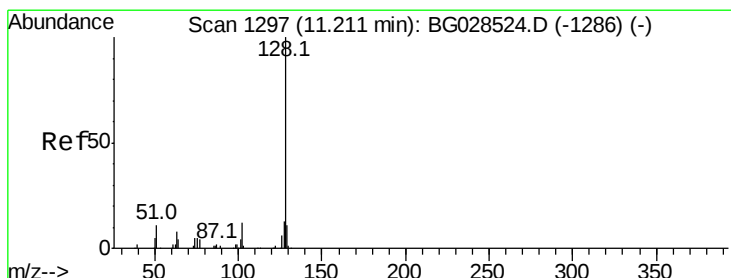
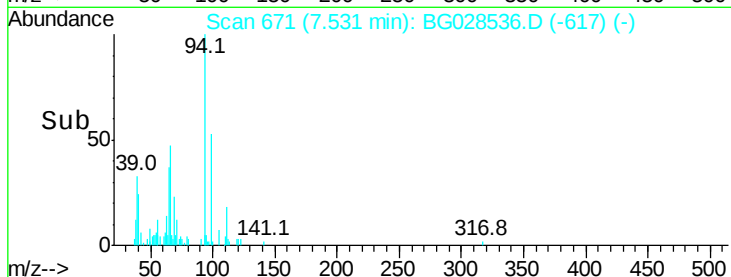
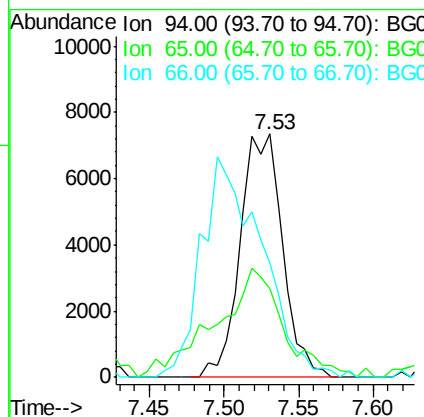
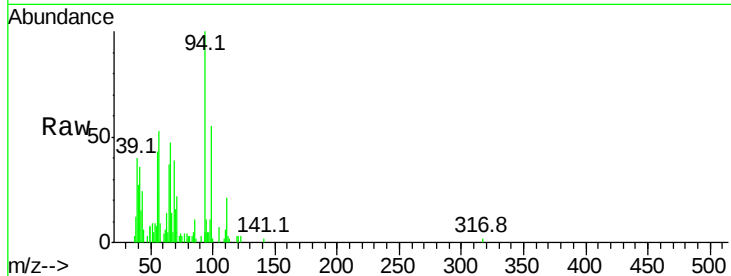
ClientSampled :

B0B16

Tot Ion:	94	Resp:	14429
Ion Ratio	Lower	Upper	
94	100		
65	36.6	26.8	40.2
66	47.1	44.4	66.6

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#28

Naphthalene

Concen: 3.524 ng/ul

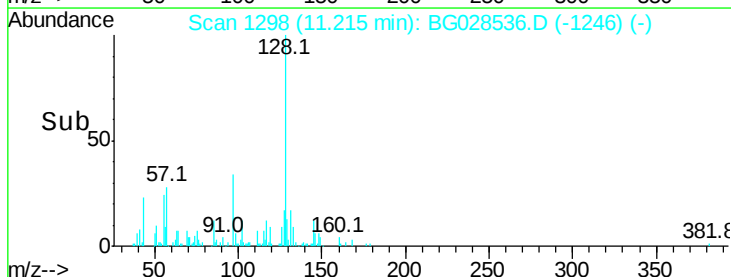
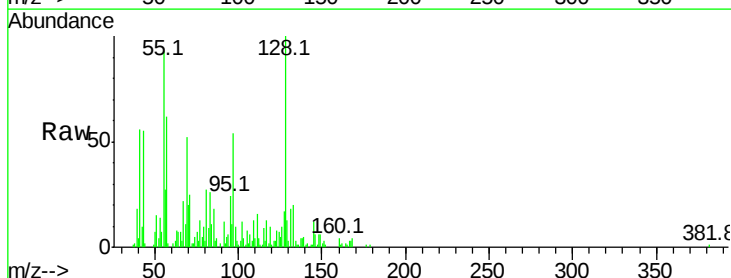
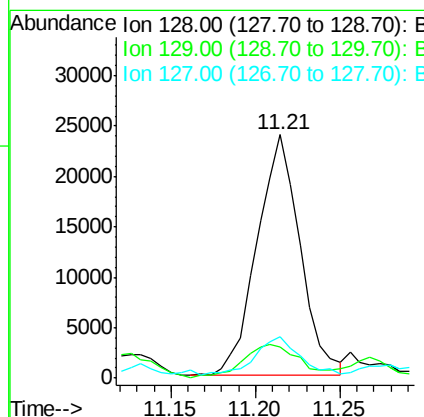
RT: 11.21 min Scan# 1298

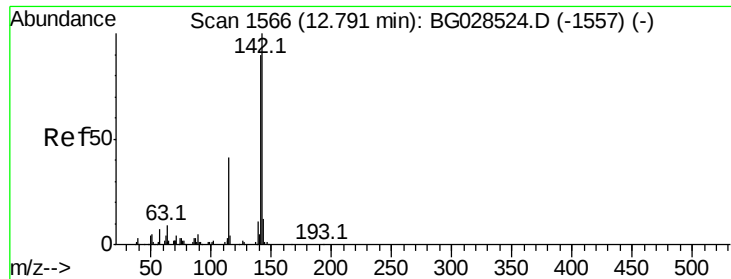
Delta R.T. 0.00 min

Lab File: BG028536.D

Acq: 29 Aug 2017 2:28

Tgt Ion:	128	Resp:	42129
Ion Ratio	Lower	Upper	
128	100		
129	13.0	9.4	14.2
127	16.9	10.3	15.5#





#34

2-Methylnaphthalene

Concen: 11.283 ng/ul

RT: 12.80 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BG028536.D

Acq: 29 Aug 2017 2:28

Instrument :

BNA_G

ClientSampleId :

B0B16

Tot Ion:142 Resp: 108356

Ion Ratio Lower Upper

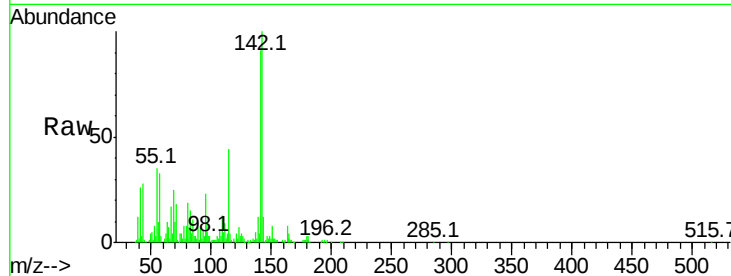
142 100

141 91.0 68.6 102.8

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.80

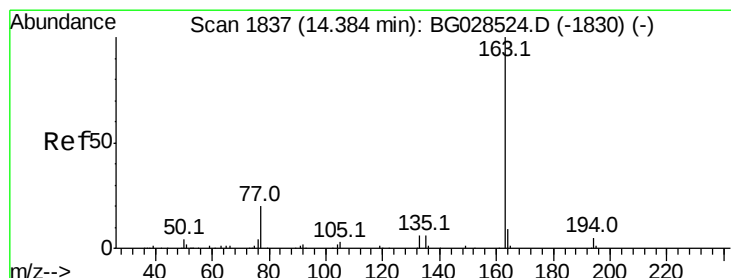
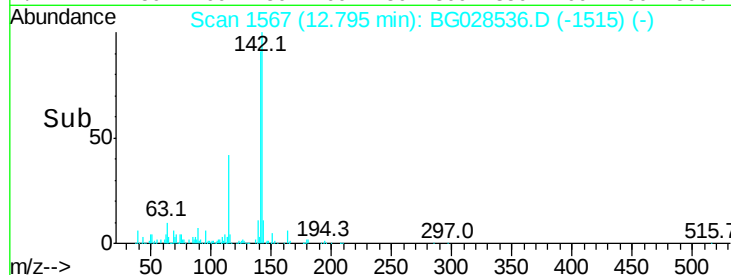
60000

40000

20000

0

Time--> 12.70 12.80



#44

Dimethylphthalate

Concen: 10.547 ng/ul

RT: 14.39 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BG028536.D

Acq: 29 Aug 2017 2:28

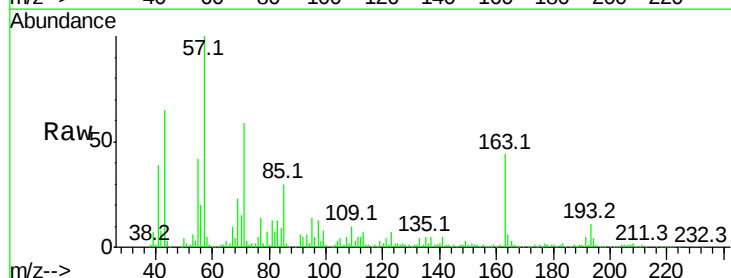
Tgt Ion:163 Resp: 132214

Ion Ratio Lower Upper

163 100

194 9.1 3.4 5.0#

164 12.4 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

120000

100000

80000

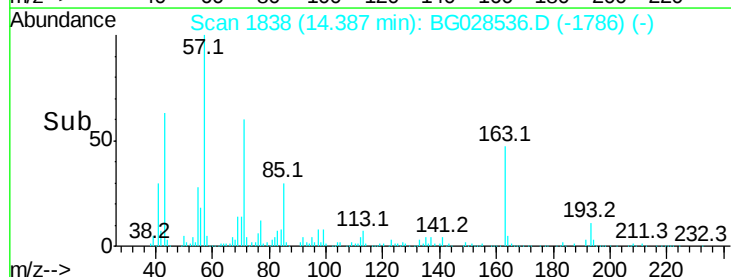
60000

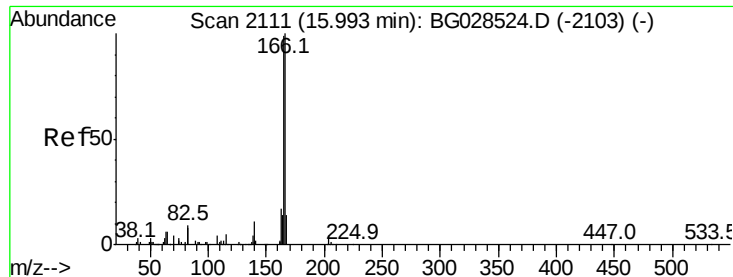
40000

20000

0

Time--> 14.35 14.40 14.45





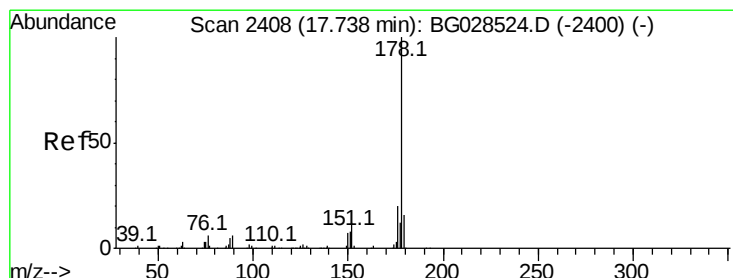
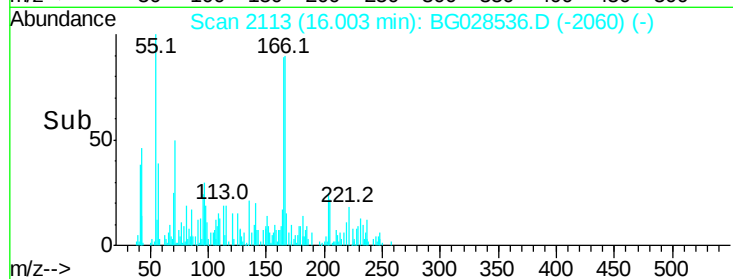
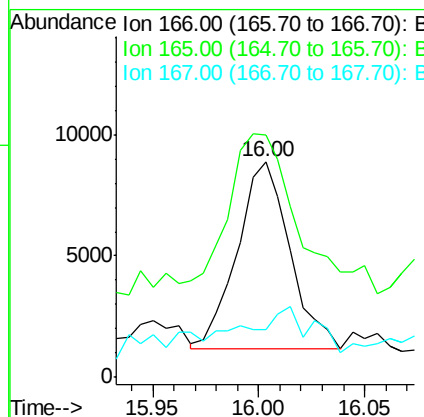
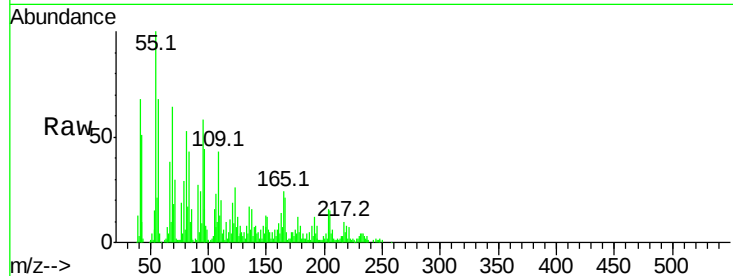
#58
Fluorene
 Concen: 1.043 ng/ul
 RT: 16.00 min Scan# 2113
 Delta R.T. 0.01 min
 Lab File: BG028536.D
 Acq: 29 Aug 2017 2:28

Instrument :
 BNA_G
 ClientSampleId :
 B0B16

Tot Ion	Ratio	Lower	Upper
166	100		
165	112.6	79.7	119.5
167	22.2	11.4	17.2

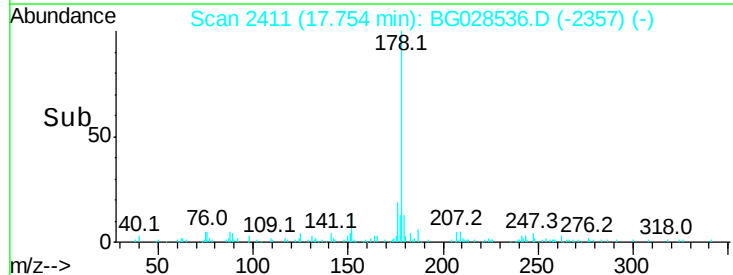
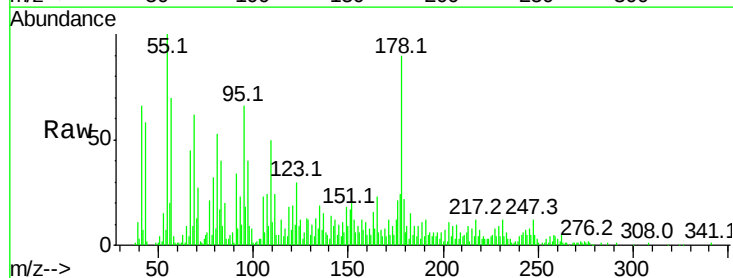
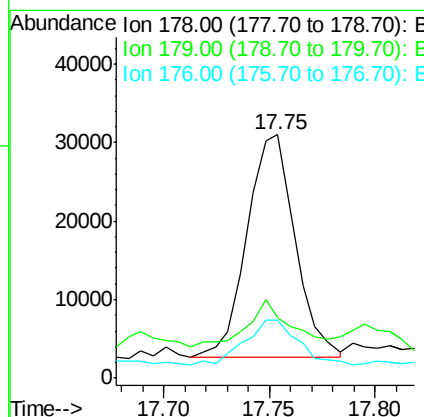
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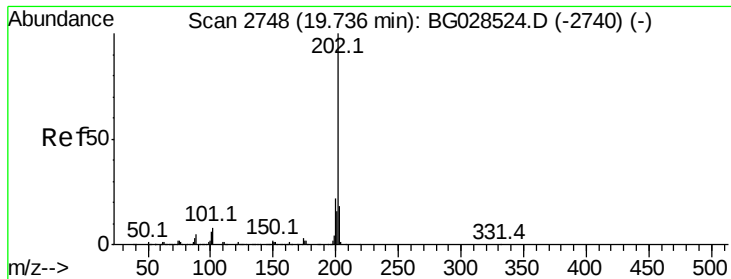
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#69
Phenanthrene
 Concen: 2.541 ng/ul
 RT: 17.75 min Scan# 2411
 Delta R.T. 0.02 min
 Lab File: BG028536.D
 Acq: 29 Aug 2017 2:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	24.8	12.4	18.6
176	23.9	16.5	24.7





#74

Fluoranthene

Concen: 1.505 ng/ul

RT: 19.75 min Scan# 2750

Delta R.T. 0.01 min

Lab File: BG028536.D

Acq: 29 Aug 2017 2:28

Instrument :

BNA_G

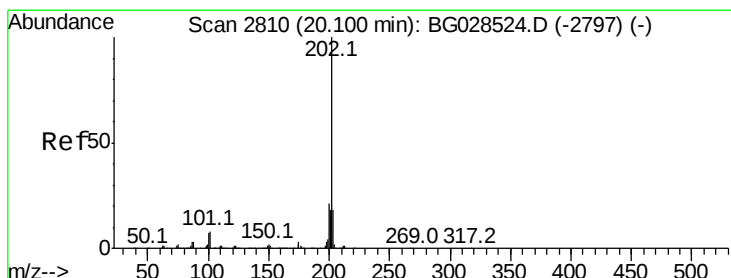
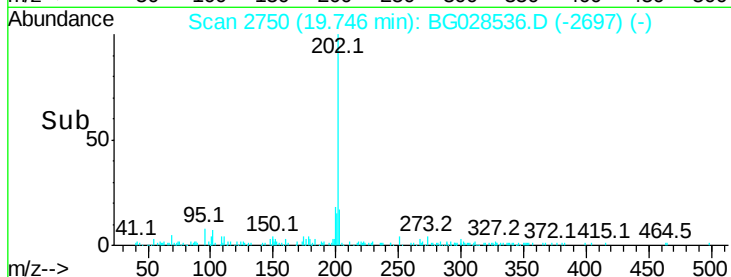
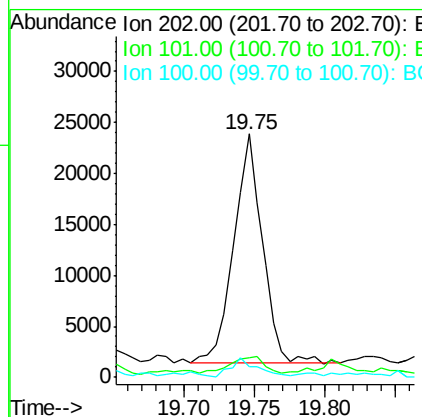
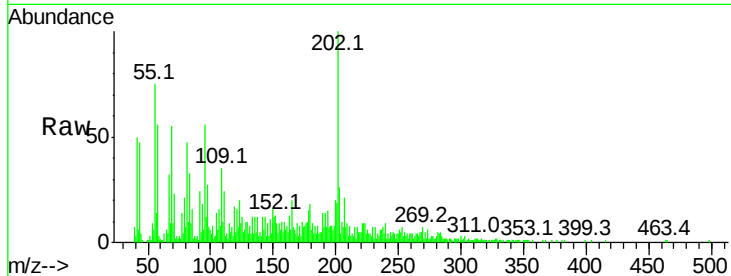
ClientSampleId :

B0B16

Tot Ion:	202	Resp:	32084
Ion Ratio	Lower	Upper	
202	100		
101	8.1	6.2	9.2
100	4.5	5.2	7.8#

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#77

Pyrene

Concen: 2.419 ng/ul

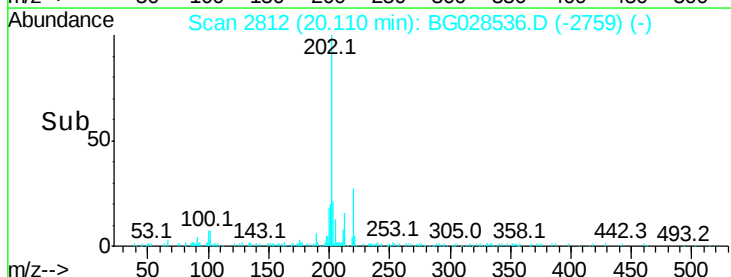
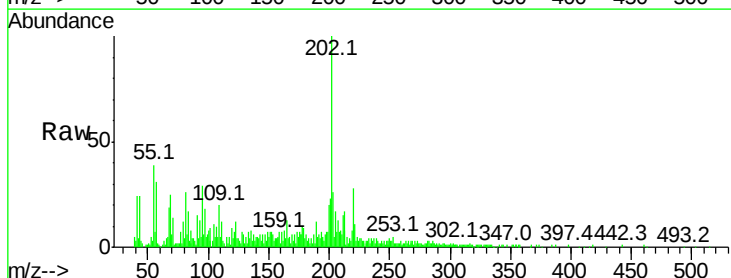
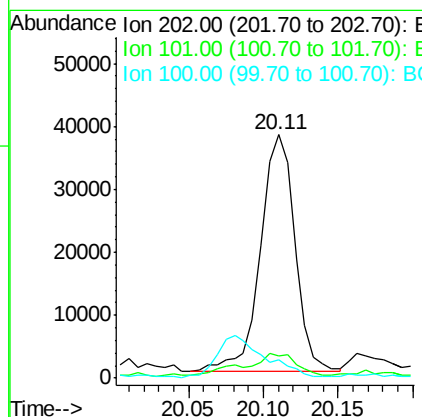
RT: 20.11 min Scan# 2812

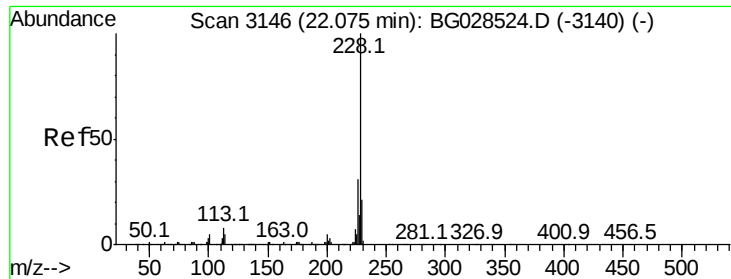
Delta R.T. 0.01 min

Lab File: BG028536.D

Acq: 29 Aug 2017 2:28

Tgt Ion:	202	Resp:	59571
Ion Ratio	Lower	Upper	
202	100		
101	11.7	6.9	10.3#
100	7.5	6.6	10.0





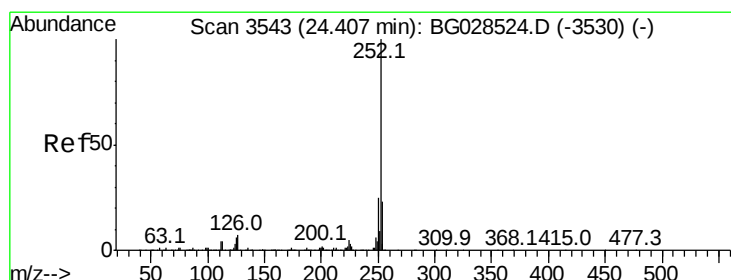
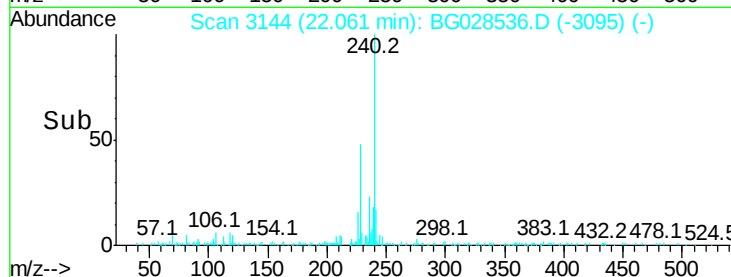
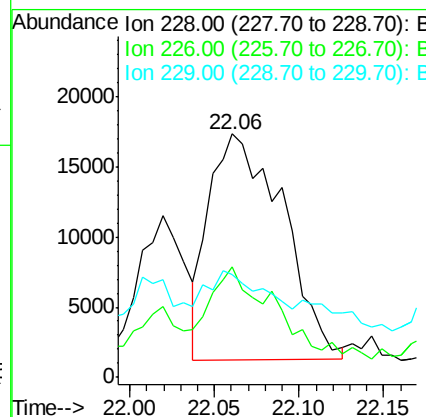
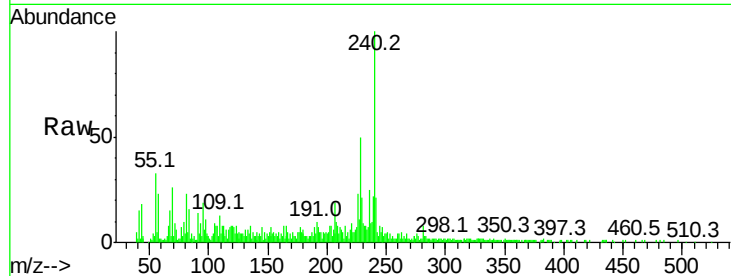
#82
Chrysene
Concen: 2.280 ng/ul
RT: 22.06 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG028536.D
Acq: 29 Aug 2017 2:28

Instrument :
BNA_G
ClientSampleId :
B0B16

Tot Ion	Ratio	Lower	Upper
228	100		
226	45.6	24.0	36.0#
229	42.5	16.9	25.3#

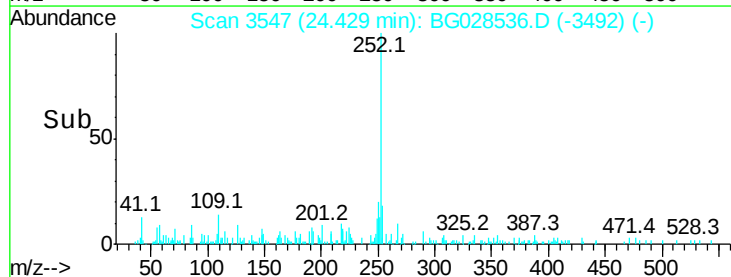
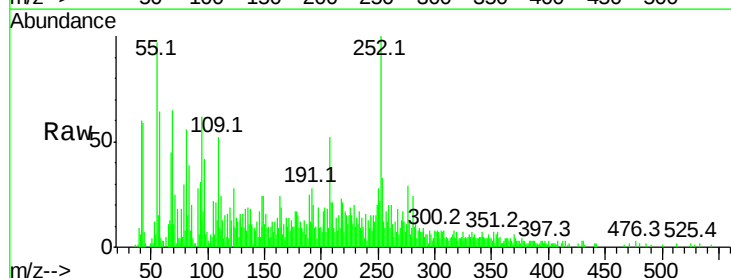
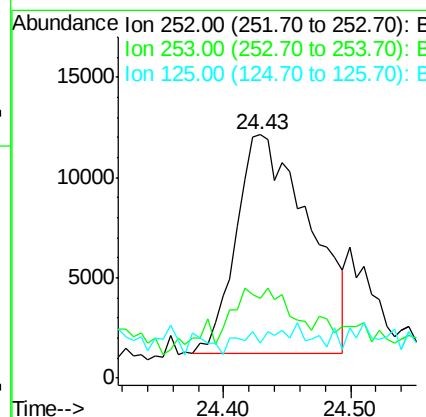
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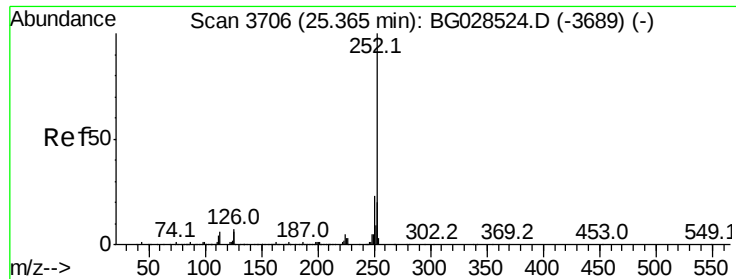
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#85
Benzo(b)fluoranthene
Concen: 1.833 ng/ul
RT: 24.43 min Scan# 3547
Delta R.T. 0.02 min
Lab File: BG028536.D
Acq: 29 Aug 2017 2:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.8	17.7	26.5#
125	14.1	4.0	6.0#





#88

Benzo(a)pyrene

Concen: 1.531 ng/ul

RT: 25.39 min Scan# 3711

Delta R.T. 0.03 min

Lab File: BG028536.D

Acq: 29 Aug 2017 2:28

Instrument :

BNA_G

ClientSampleId :

B0B16

Tot Ion:	252	Resp:	35355
Ion Ratio	Lower	Upper	
252	100		
253	33.3	17.8	26.6#
125	21.4	5.4	8.0#

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