

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG028522.D
 Acq On : 28 Aug 2017 17:14
 Operator : SJ/JU
 Sample : I4905-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AX0

Manual Integrations
 APPROVED

Sohil
 8/29/2017 6:01:37 PM

Quant Time: Aug 29 02:50:19 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 01:30:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	38976	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	154353	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	106275	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	255166m	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	307071	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	305663	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	5420	6.48	ng/uL	0.01
5) Phenol-d5	7.49	99	116889	27.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	76410	28.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	89958	33.31	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	98688	27.58	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	45884	38.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	54800	41.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	104995	38.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	91152	29.91	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	337545	35.71	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	395731	37.13	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	50344	33.50	ng/ul	0.00
57) Fluorene-d10	15.94	176	300274	35.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	61031m	36.82	ng/ul	0.00
70) Anthracene-d10	17.80	188	484508	39.60	ng/ul	0.00
76) Pyrene-d10	20.07	212	577529	36.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	564079	39.42	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.52	94	7497	1.762	ng/ul#	88
28) Naphthalene	11.20	128	16080	2.103	ng/ul#	94
34) 2-Methylnaphthalene	12.79	142	28333	4.614	ng/ul	96
44) Dimethylphthalate	14.38	163	90992	10.455	ng/ul	99
69) Phenanthrene	17.74	178	22450m	1.748	ng/ul	
74) Fluoranthene	19.74	202	22936m	1.470	ng/ul	
77) Pyrene	20.10	202	31006	1.692	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.86	149	39602	4.057	ng/ul	97
82) Chrysene	22.07	228	17179	1.075	ng/ul#	93
85) Benzo(b)fluoranthene	24.41	252	22212m	1.214	ng/ul	

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

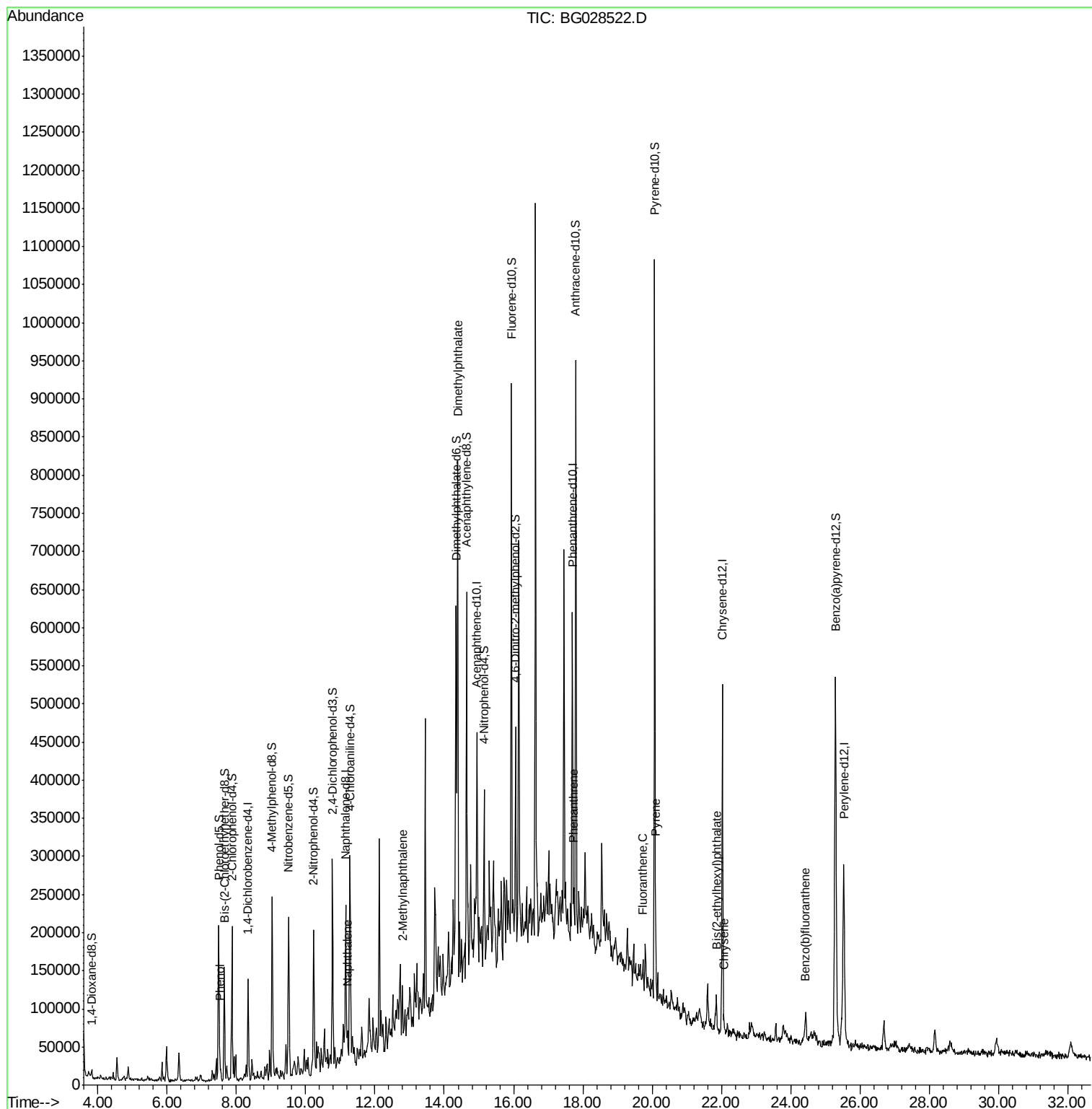
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
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ALS Vial : 9 Sample Multiplier: 1

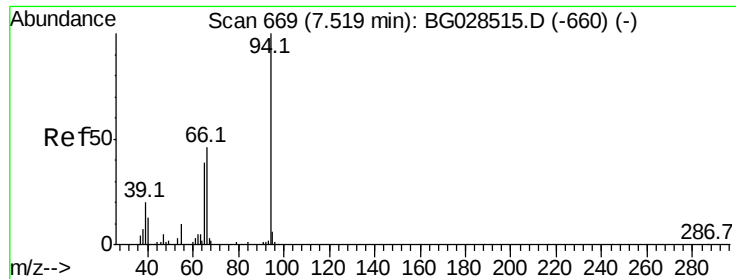
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Aug 29 02:50:19 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
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#6

Phenol

Concen: 1.762 ng/ul

RT: 7.52 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG028522.D

Acq: 28 Aug 2017 17:14

Instrument :

BNA_G

ClientSampled :

B0AX0

Tot Ion: 94 Resp: 7497

Ion Ratio Lower Upper

94 100

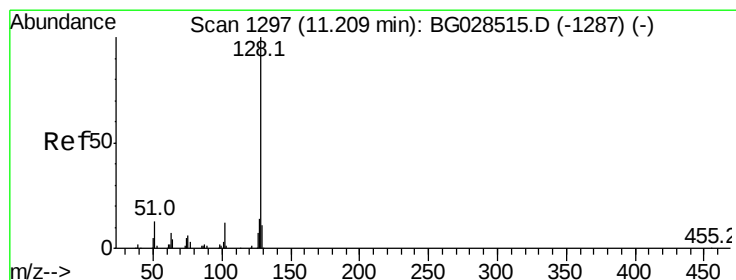
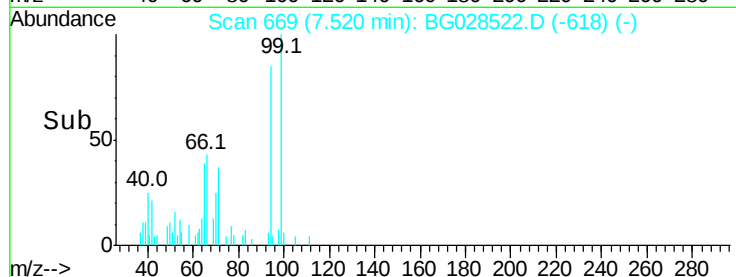
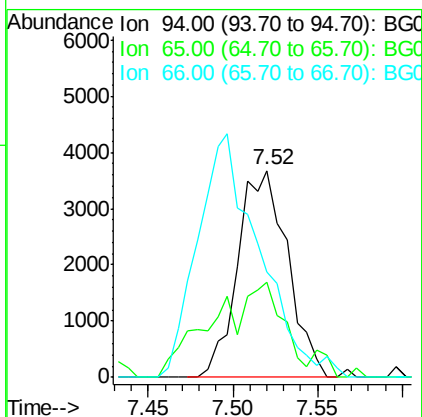
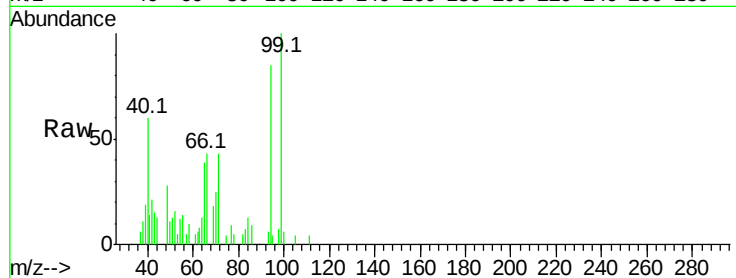
65 45.9 26.8 40.2#

66 51.2 44.4 66.6

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#28

Naphthalene

Concen: 2.103 ng/ul

RT: 11.20 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG028522.D

Acq: 28 Aug 2017 17:14

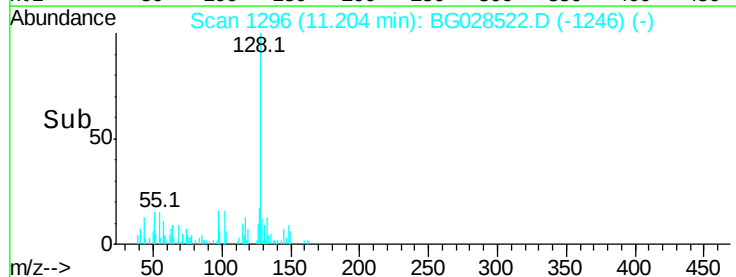
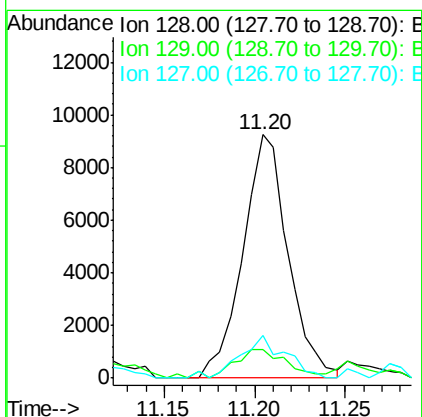
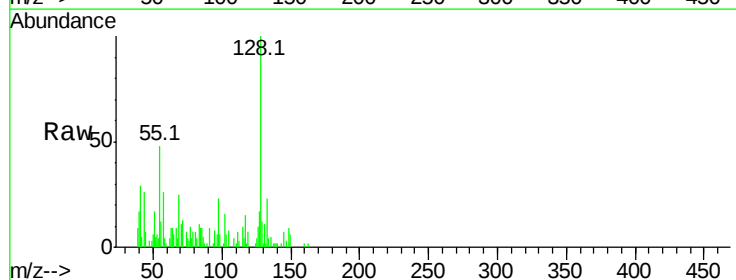
Tgt Ion: 128 Resp: 16080

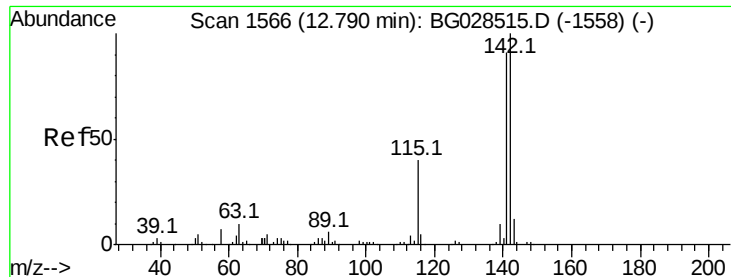
Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.2

127 17.4 10.3 15.5#





#34

2-Methylnaphthalene

Concen: 4.614 ng/ul

RT: 12.79 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BG028522.D

Acq: 28 Aug 2017 17:14

Instrument :

BNA_G

ClientSampleId :

B0AX0

Tot Ion:142 Resp: 28333

Ion Ratio Lower Upper

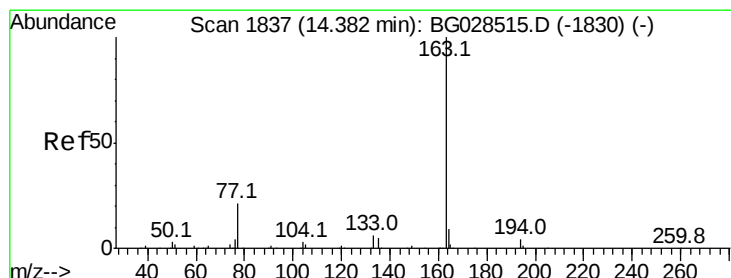
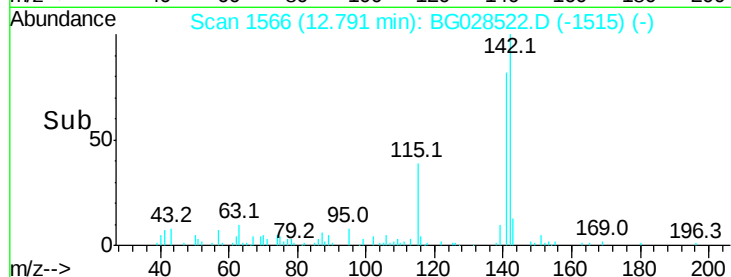
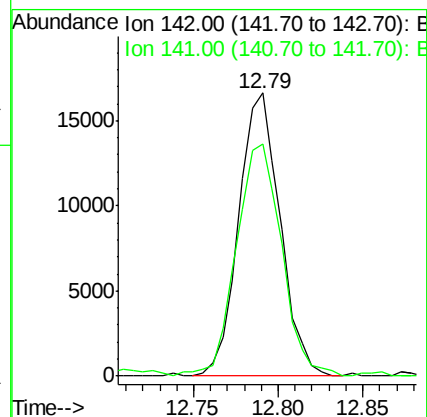
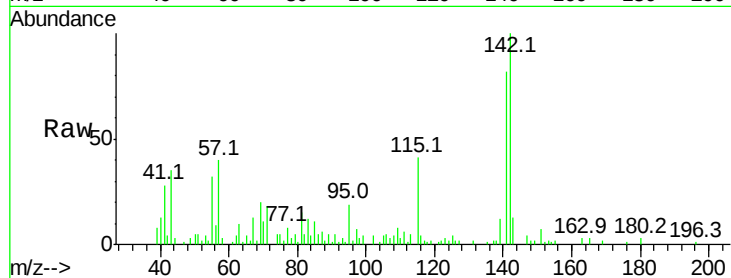
142 100

141 82.2 68.6 102.8

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#44

Dimethylphthalate

Concen: 10.455 ng/ul

RT: 14.38 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BG028522.D

Acq: 28 Aug 2017 17:14

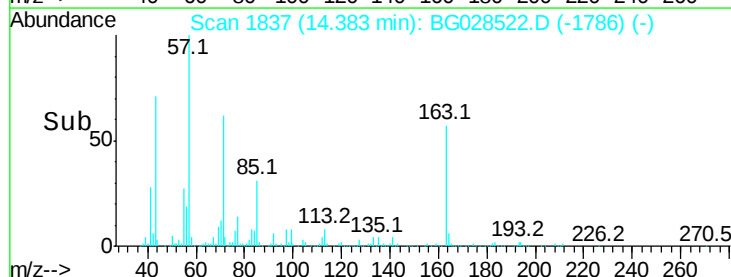
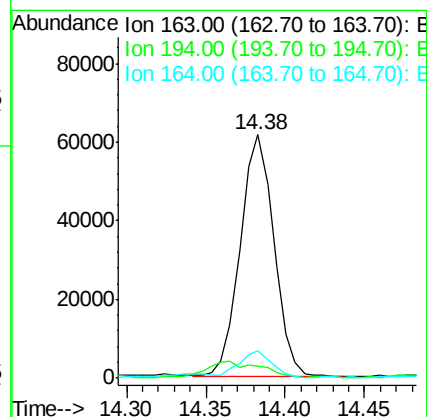
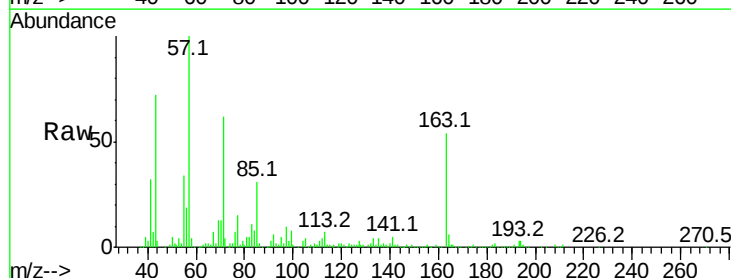
Tgt Ion:163 Resp: 90992

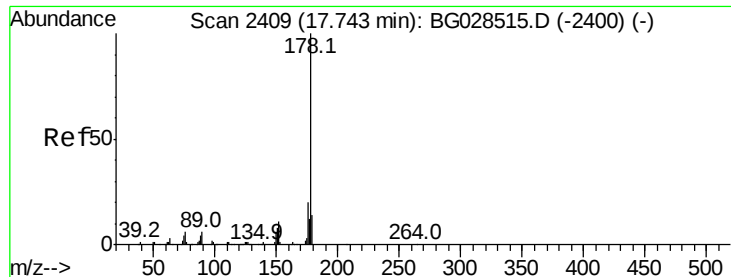
Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.0

164 11.0 9.0 13.4





#69

Phenanthrene

Concen: 1.748 ng/ul m

RT: 17.74 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BG028522.D

Acq: 28 Aug 2017 17:14

Instrument :

BNA_G

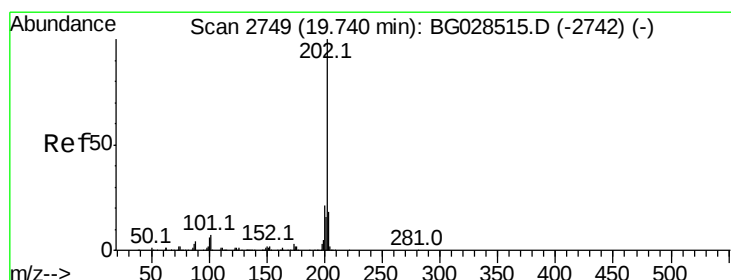
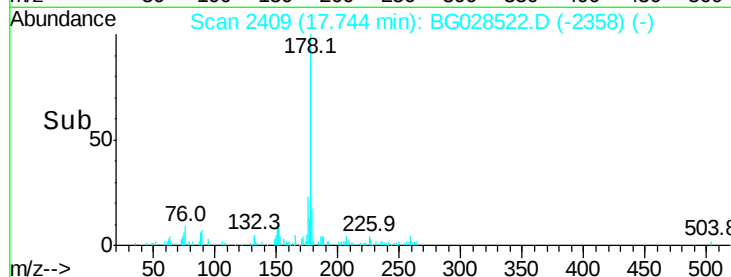
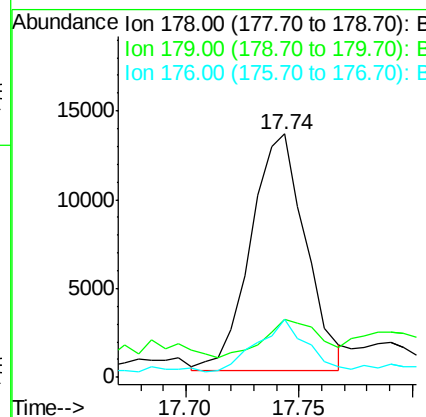
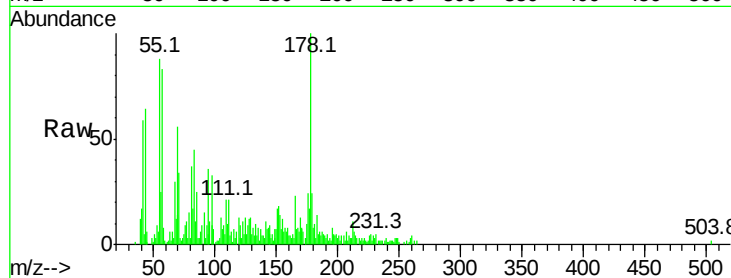
ClientSampleId :

B0AX0

Tot Ion:178	Resp:	22450
Ion Ratio	Lower	Upper
178	100	
179	23.8	12.4 18.6#
176	24.1	16.5 24.7

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#74

Fluoranthene

Concen: 1.470 ng/ul m

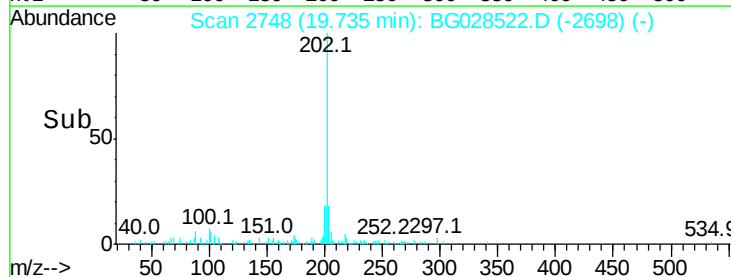
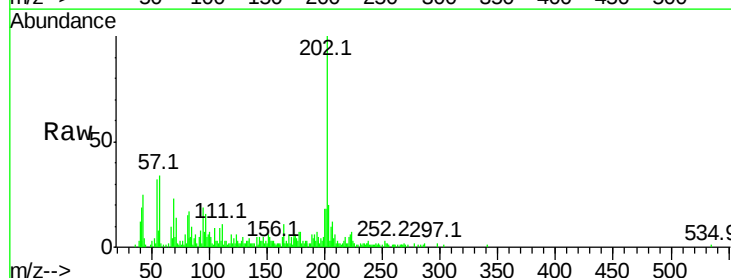
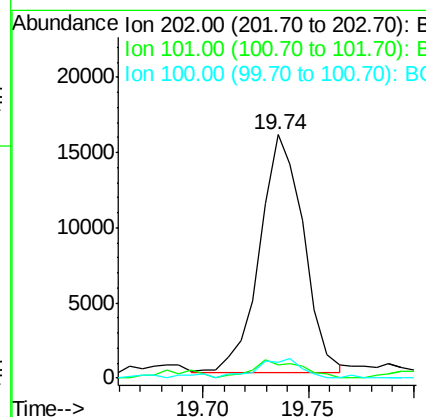
RT: 19.74 min Scan# 2748

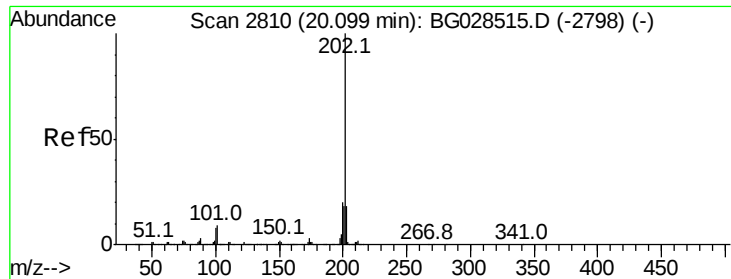
Delta R.T. -0.00 min

Lab File: BG028522.D

Acq: 28 Aug 2017 17:14

Tgt Ion:202	Resp:	22936
Ion Ratio	Lower	Upper
202	100	
101	5.4	6.2 9.2#
100	6.5	5.2 7.8





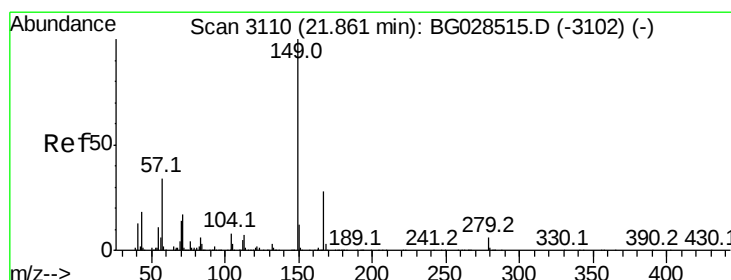
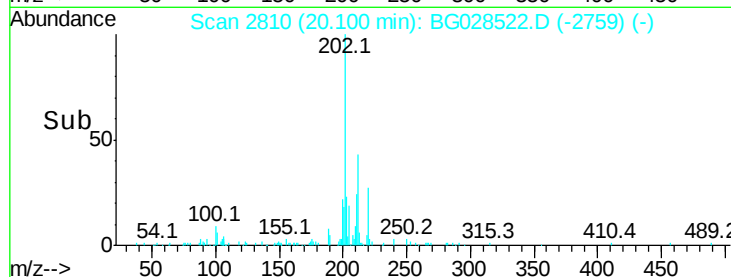
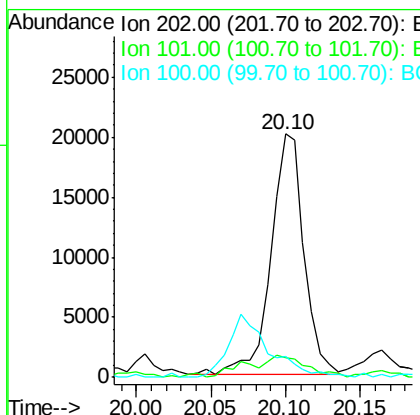
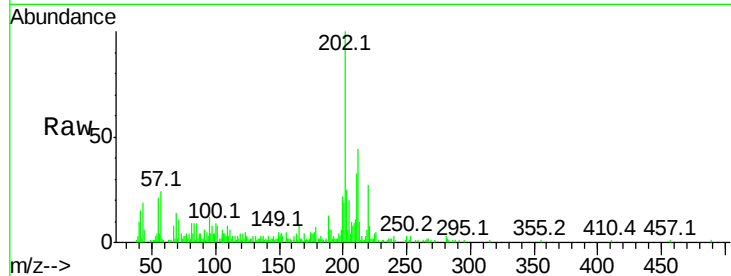
#77
Pvrene
Concen: 1.692 ng/ul
RT: 20.10 min Scan# 2810
Delta R.T. 0.00 min
Lab File: BG028522.D
Acq: 28 Aug 2017 17:14

Instrument :
BNA_G
ClientSampled :
B0AX0

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	8.1	6.9	10.3	
100	8.7	6.6	10.0	

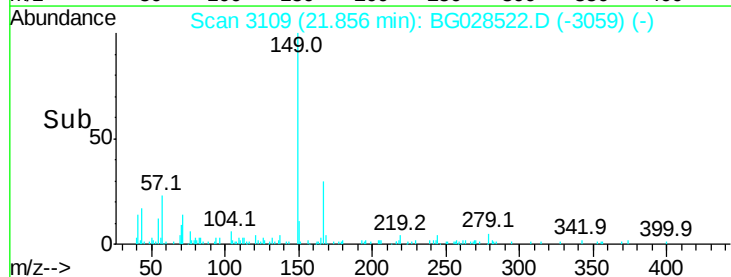
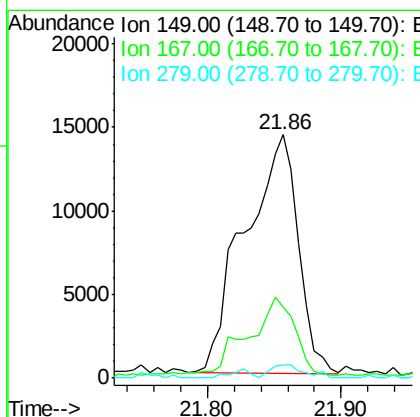
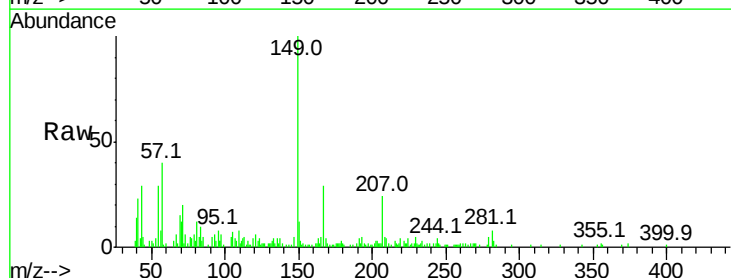
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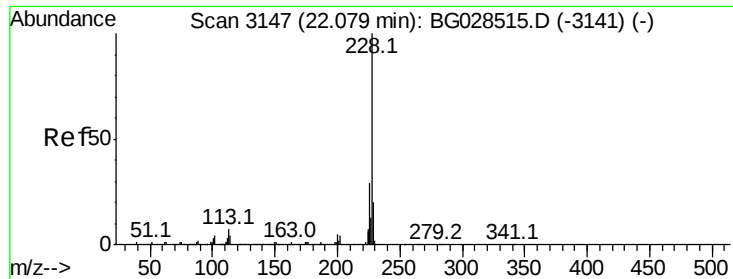
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#81
Bis(2-ethylhexyl)phthalate
Concen: 4.057 ng/ul
RT: 21.86 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BG028522.D
Acq: 28 Aug 2017 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	29.1	21.8	32.8	
279	5.2	4.5	6.7	





#82

Chrysene

Concen: 1.075 ng/ul

RT: 22.07 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG028522.D

Acq: 28 Aug 2017 17:14

Instrument :

BNA_G

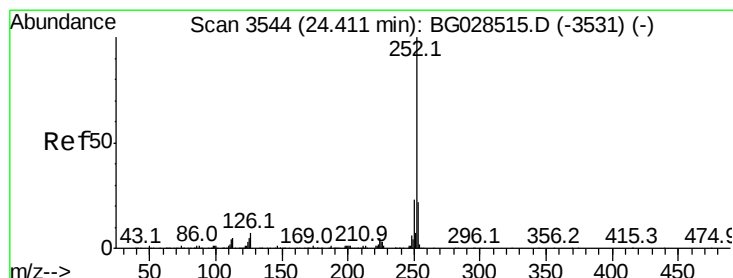
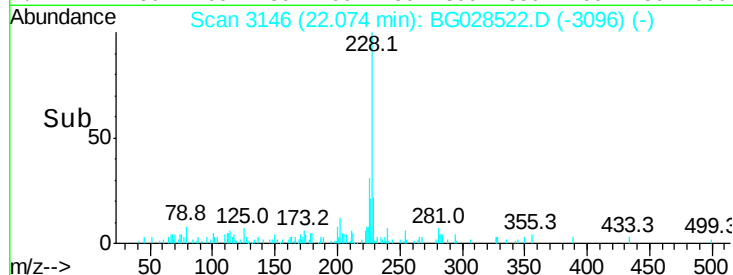
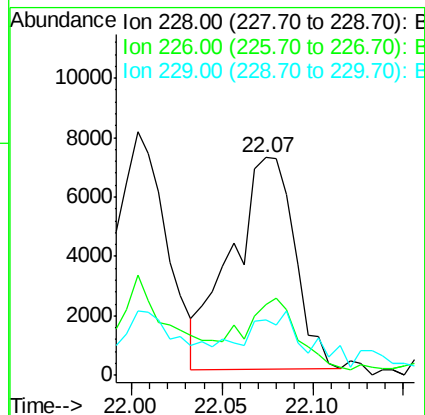
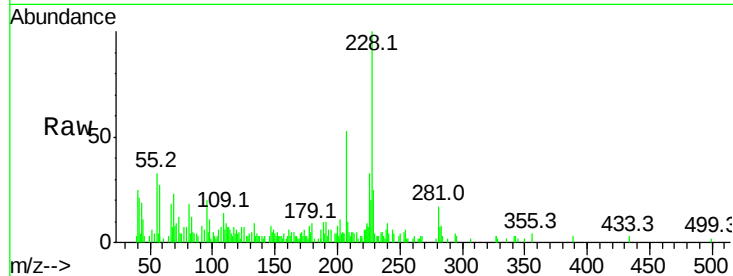
ClientSampled :

B0AX0

Tot Ion:	228	Resp:	17179
Ion Ratio	Lower	Upper	
228	100		
226	32.8	24.0	36.0
229	25.5	16.9	25.3

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 1.214 ng/ul m

RT: 24.41 min Scan# 3543

Delta R.T. -0.00 min

Lab File: BG028522.D

Acq: 28 Aug 2017 17:14

Tgt Ion:	252	Resp:	22212
Ion Ratio	Lower	Upper	
252	100		
253	31.2	17.7	26.5
125	3.9	4.0	6.0

