

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\
 Data File : BG028649.D
 Acq On : 11 Sep 2017 19:50
 Operator : SJ/JU
 Sample : I5167-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C19013061

Manual Integrations
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Sohil
 9/12/2017 6:03:15 PM

Quant Time: Sep 12 05:41:09 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 07 18:39:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	35773	20.00	ng	0.00
21) Naphthalene-d8	11.16	136	142319	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	104996	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	275191	20.00	ng	0.00
75) Chrysene-d12	22.02	240	318334	20.00	ng	-0.01
86) Perylene-d12	25.53	264	305902	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	136576	64.28	ng	0.00
7) Phenol-d6	7.49	99	110042	35.71	ng	0.00
23) Nitrobenzene-d5	9.50	82	294523	95.02	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	258236	161.82	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	748305	93.24	ng	0.00
78) Terphenyl-d14	20.28	244	1305890	88.38	ng	0.00
Target Compounds						
35) Caprolactam	12.07	113	36255	39.780	ng	98
54) Dibenzofuran	15.34	168	22010	2.264	ng	# 90
57) Fluorene	15.99	166	30912	3.479	ng	96
70) Phenanthrene	17.74	178	35589	2.432	ng	93

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

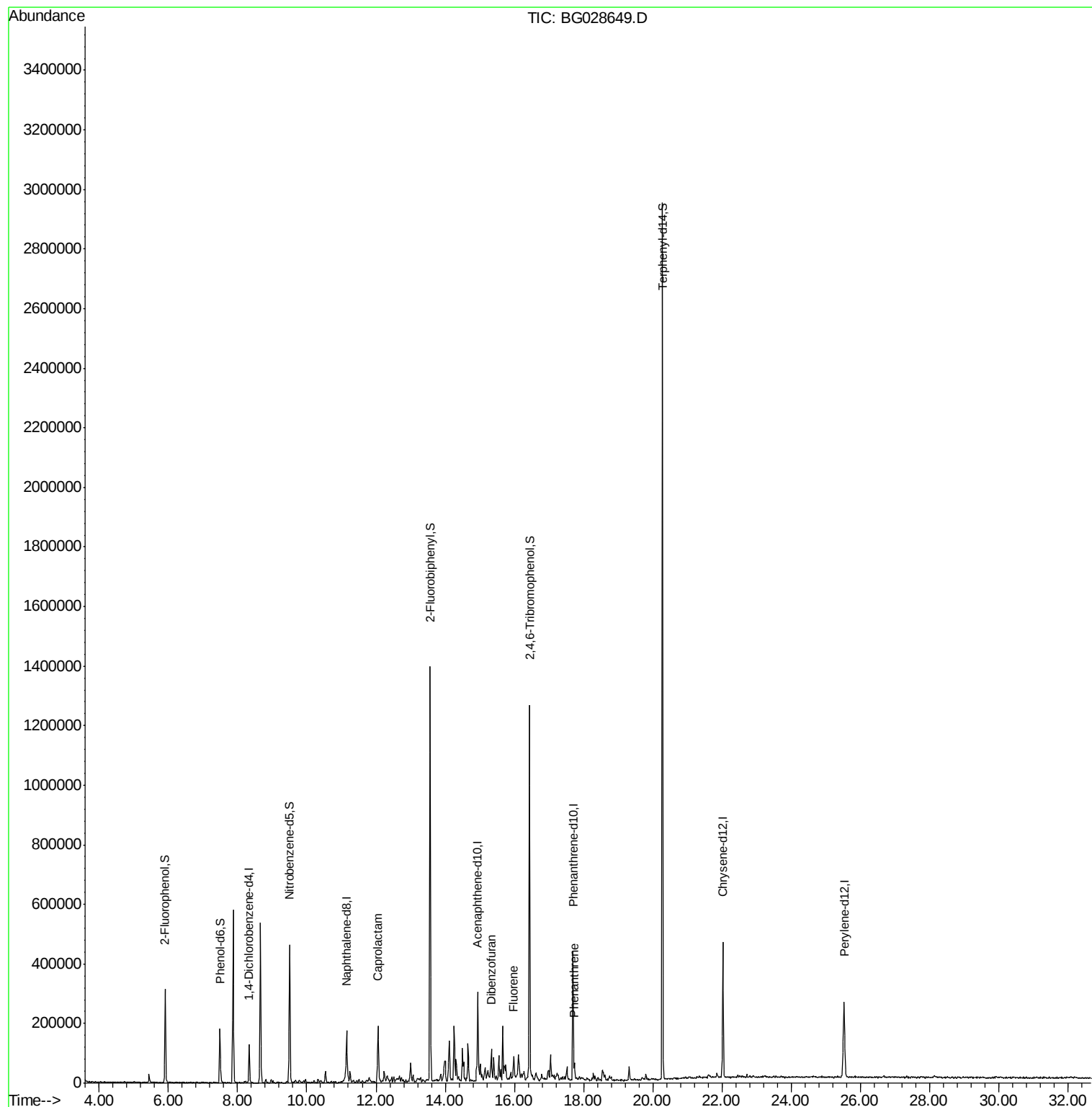
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\
Data File : BG028649.D
Acq On : 11 Sep 2017 19:50
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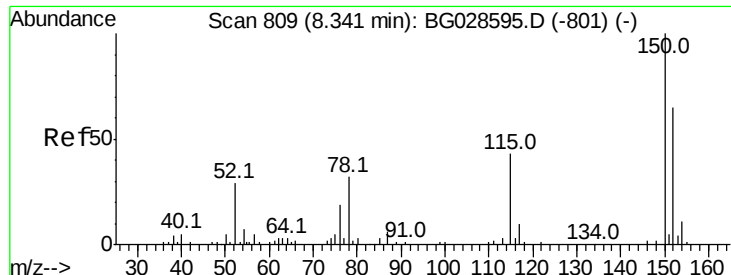
Instrument :
BNA_G
ClientSampleId :
C19013061

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Quant Time: Sep 12 05:41:09 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
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Response via : Initial Calibration





#1

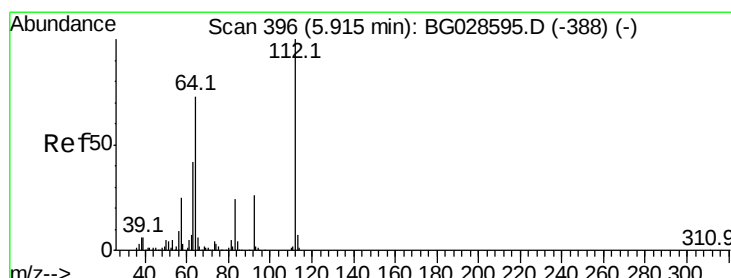
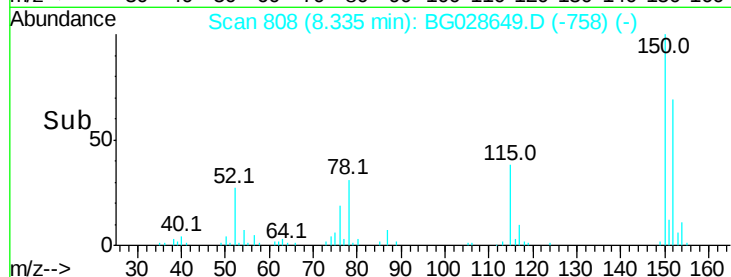
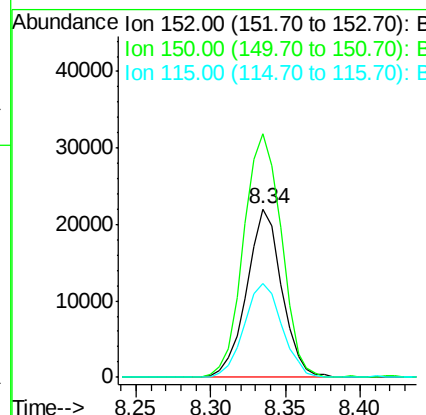
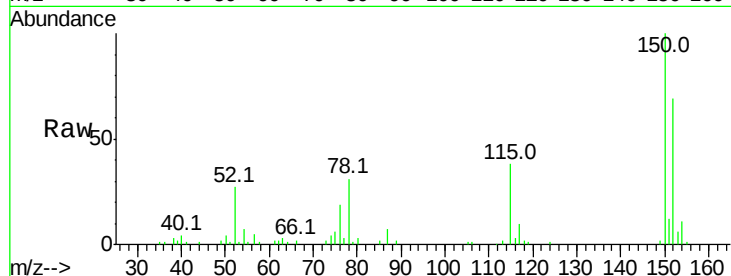
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.34 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG028649.D
Acq: 11 Sep 2017 19:50

Instrument :
BNA_G
ClientSampleId :
C19013061

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.6	114.0	171.0
115	55.4	48.1	72.1

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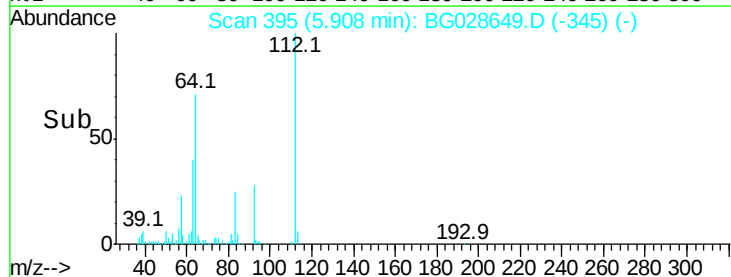
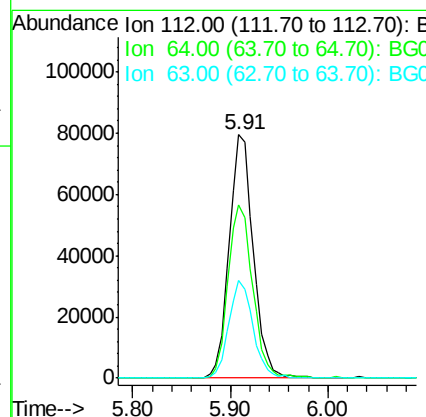
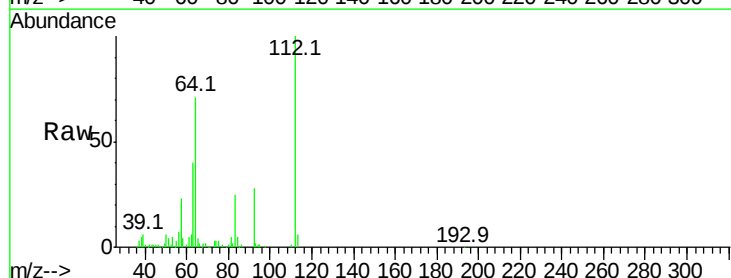
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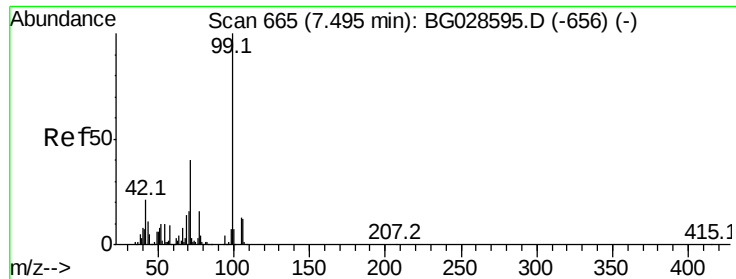


#5

2-Fluorophenol
Concen: 64.282 ng
RT: 5.91 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG028649.D
Acq: 11 Sep 2017 19:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.1	61.8	92.6
63	40.1	37.2	55.8





#7

Phenol-d6

Concen: 35.708 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG028649.D

Acq: 11 Sep 2017 19:50

Instrument :

BNA_G

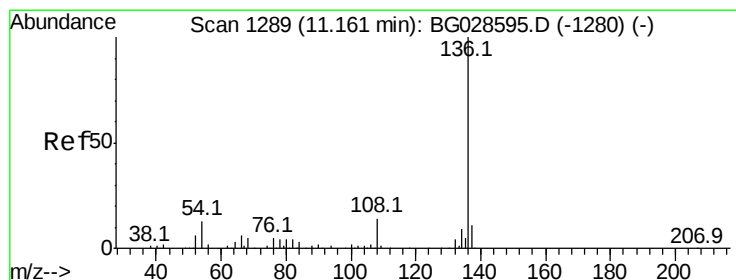
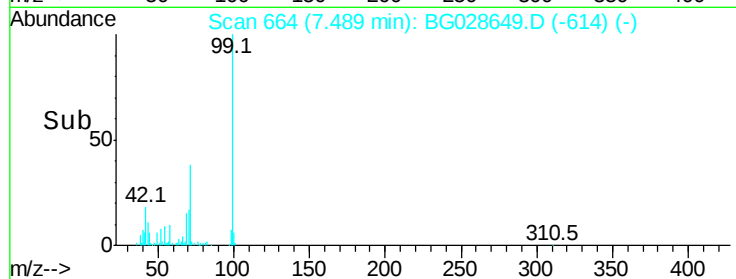
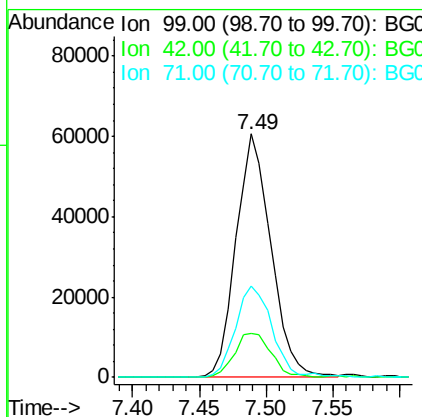
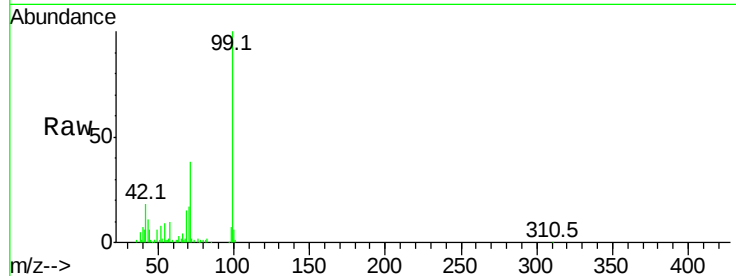
ClientSampleId :

C19013061

Tot Ion	99	Resp	110042
Ion Ratio	Lower	Upper	
99	100		
42	18.1	20.5	30.7#
71	37.5	37.6	56.4#

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

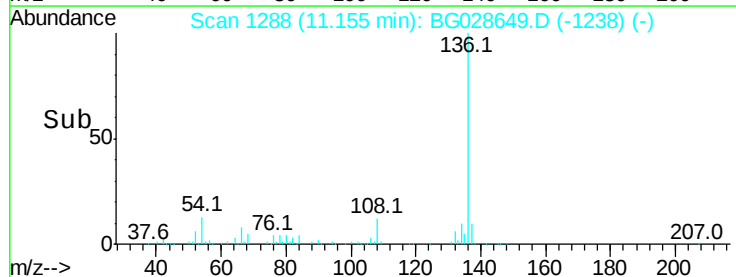
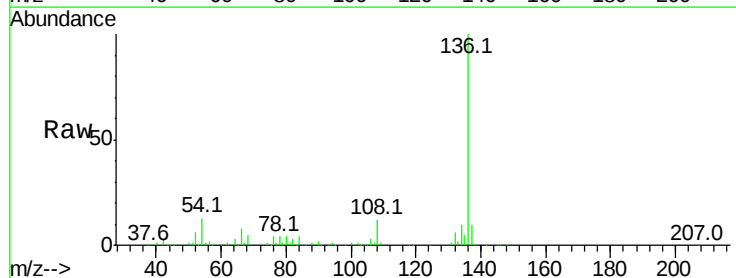
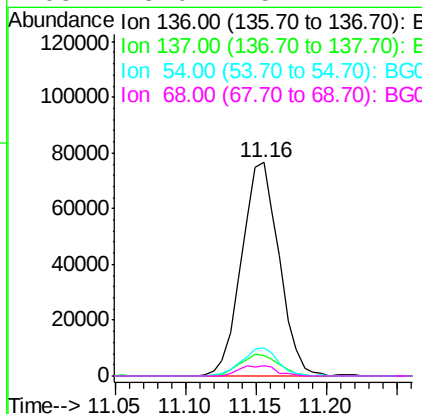
RT: 11.16 min Scan# 1288

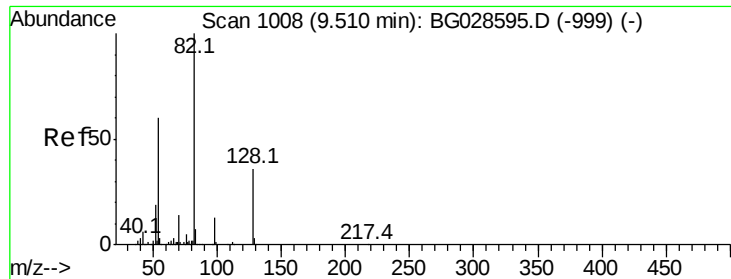
Delta R.T. -0.01 min

Lab File: BG028649.D

Acq: 11 Sep 2017 19:50

Tgt Ion	136	Resp	142319
Ion Ratio	Lower	Upper	
136	100		
137	9.6	8.9	13.3
54	13.1	9.3	13.9
68	5.0	5.1	7.7#





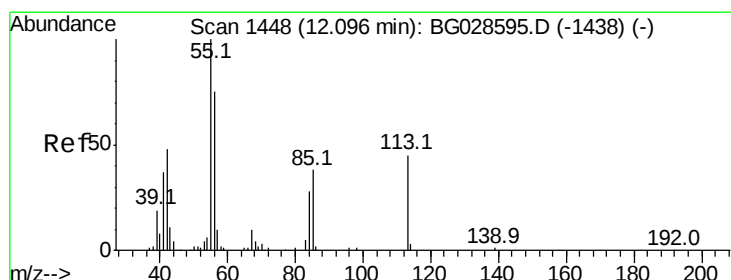
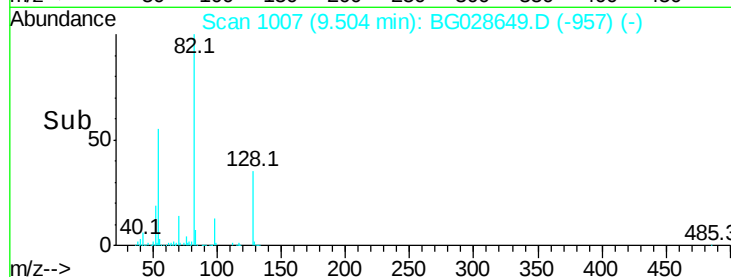
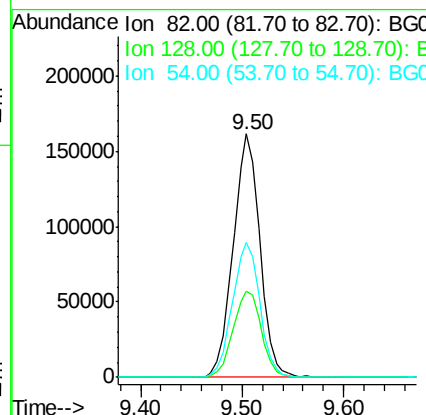
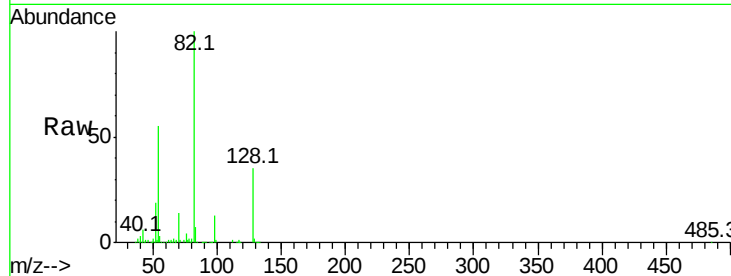
#23
 Nitrobenzene-d5
 Concen: 95.025 ng
 RT: 9.50 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG028649.D
 Acq: 11 Sep 2017 19:50

Instrument :
 BNA_G
 ClientSampleId :
 C19013061

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.3	26.4	39.6
54	55.4	49.4	74.2

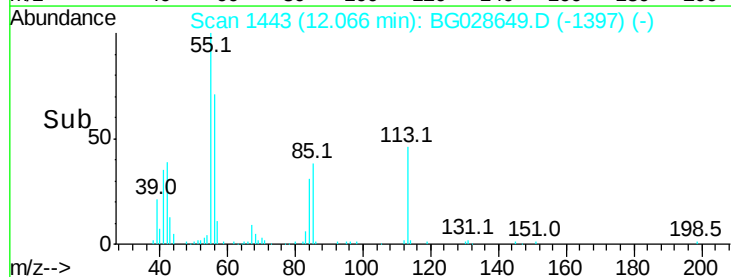
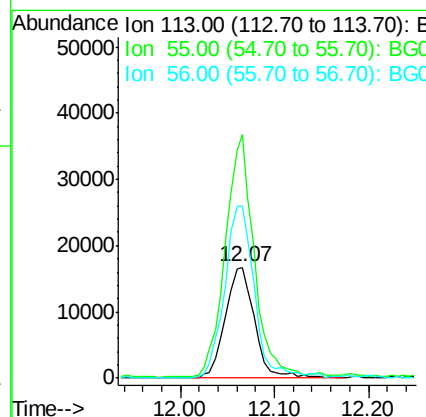
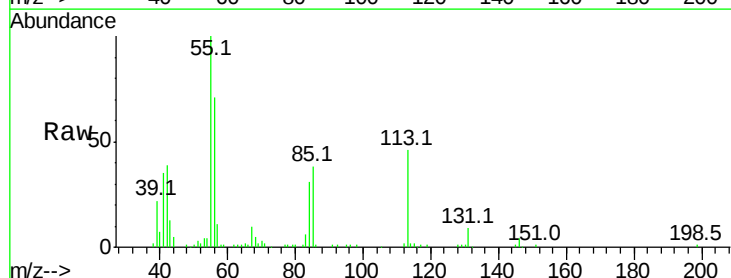
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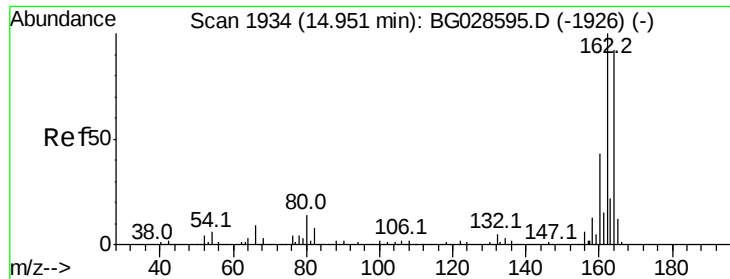
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#35
 Caprolactam
 Concen: 39.780 ng
 RT: 12.07 min Scan# 1443
 Delta R.T. -0.03 min
 Lab File: BG028649.D
 Acq: 11 Sep 2017 19:50

Tgt Ion	Ratio	Lower	Upper
113	100		
55	219.6	198.6	238.6
56	155.3	140.4	180.4





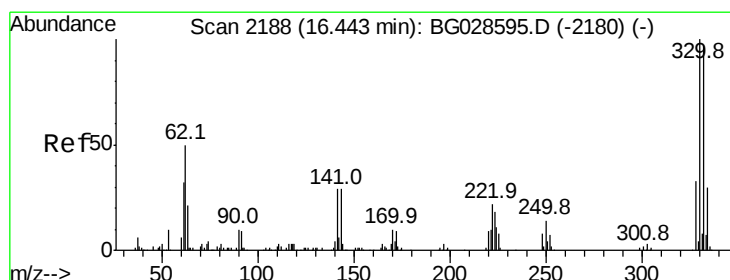
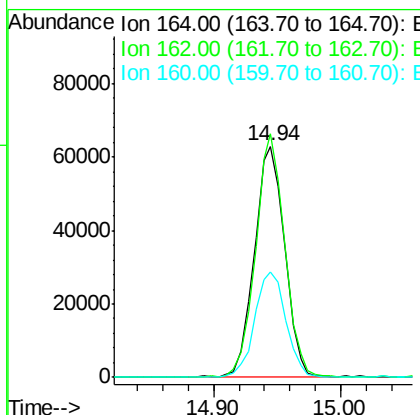
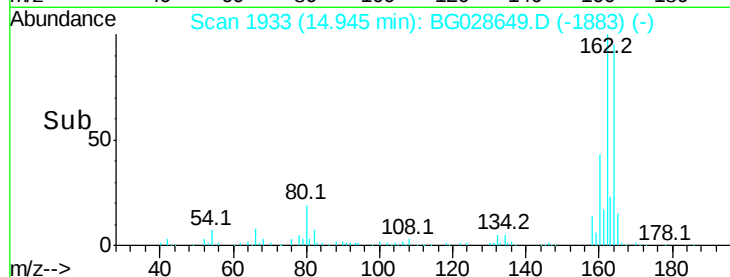
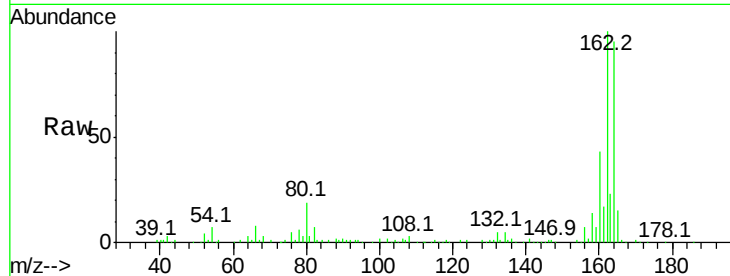
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG028649.D
Acq: 11 Sep 2017 19:50

Instrument :
BNA_G
ClientSampleId :
C19013061

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.2	85.1	127.7	
160	45.6	34.7	52.1	

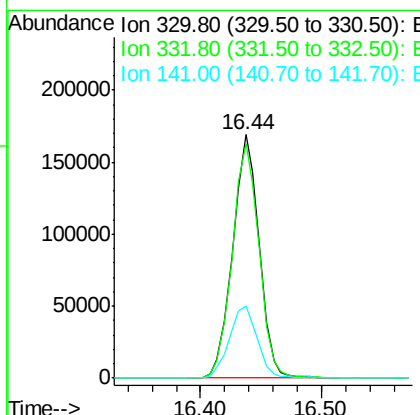
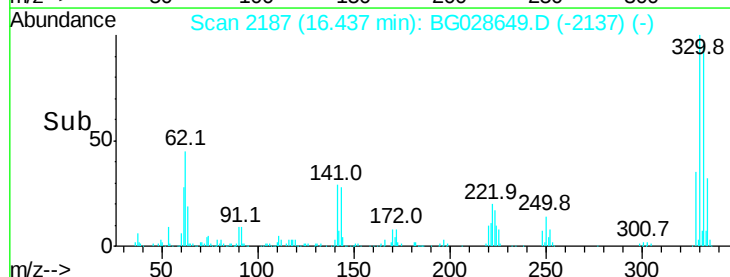
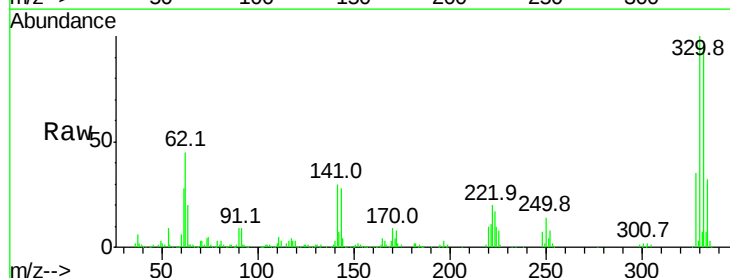
Manual Integrations
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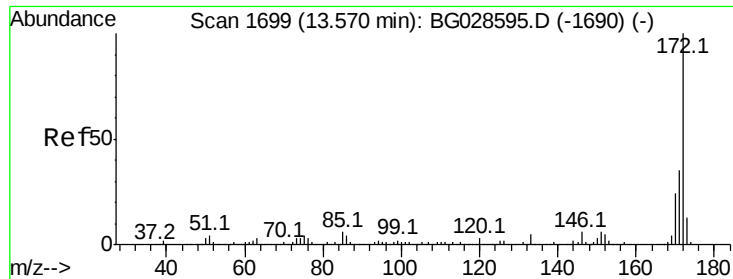
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#41
2,4,6-Tribromophenol
Concen: 161.819 ng
RT: 16.44 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG028649.D
Acq: 11 Sep 2017 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.7	77.3	115.9	
141	30.9	32.1	48.1#	





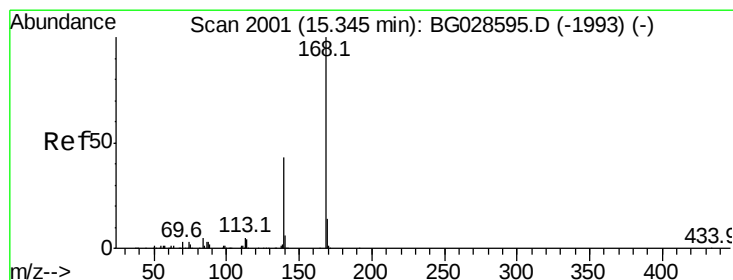
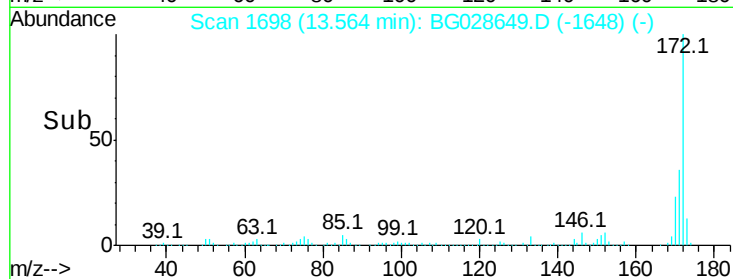
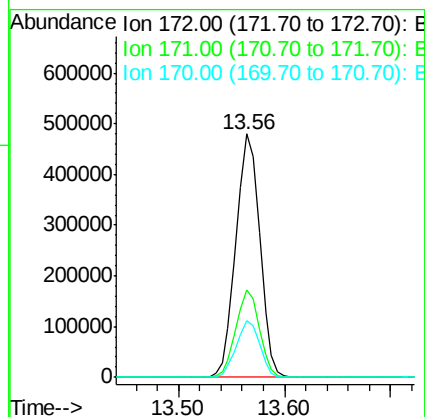
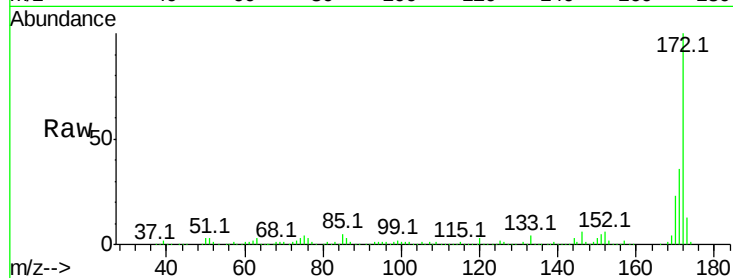
#44
2-Fluorobiphenyl
Concen: 93.237 ng
RT: 13.56 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG028649.D
Acq: 11 Sep 2017 19:50

Instrument :
BNA_G
ClientSampleId :
C19013061

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	36.0	32.2	48.2
170	23.3	21.8	32.6

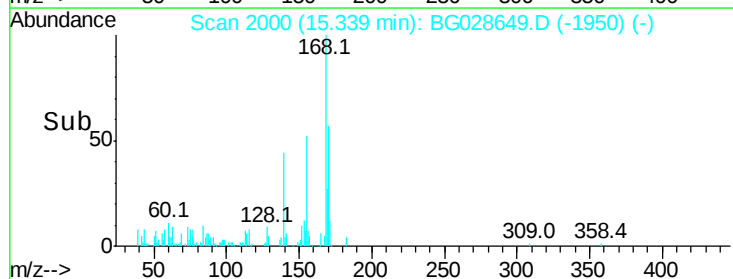
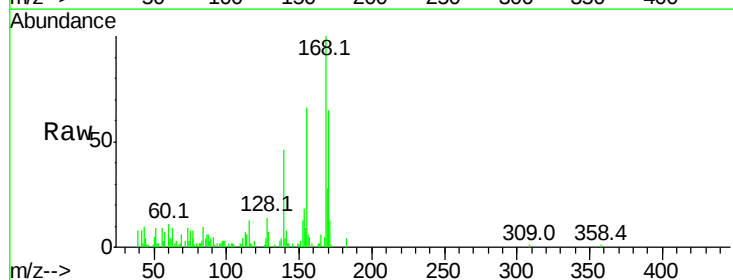
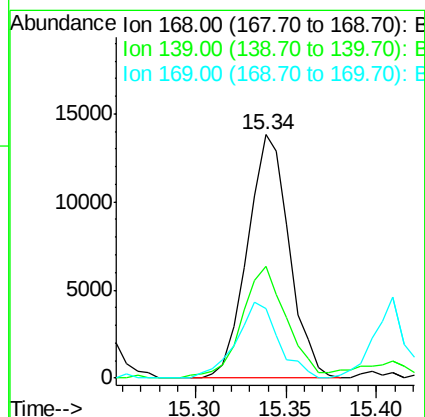
Manual Integrations
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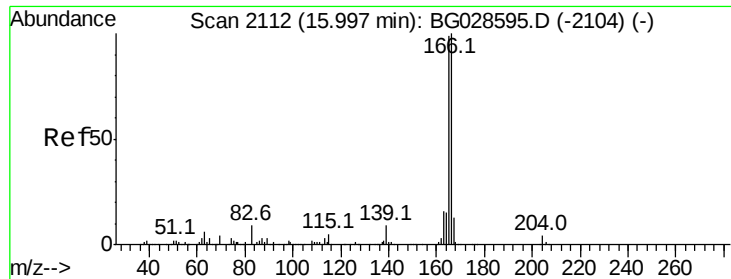
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#54
Dibenzofuran
Concen: 2.264 ng
RT: 15.34 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG028649.D
Acq: 11 Sep 2017 19:50

Tgt Ion	Ratio	Resp Lower	Upper
168	100		
139	45.8	35.3	52.9
169	28.4	11.5	17.3#





#57

Fluorene

Concen: 3.479 ng

RT: 15.99 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BG028649.D

Acq: 11 Sep 2017 19:50

Instrument :

BNA_G

ClientSampled :

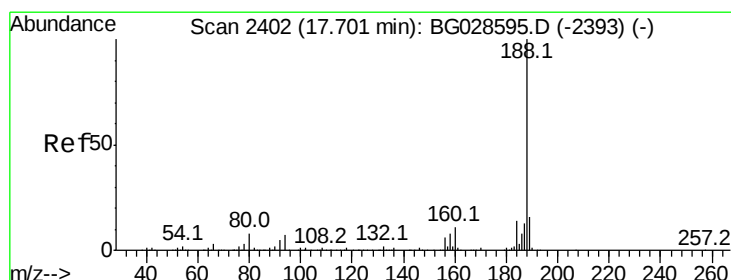
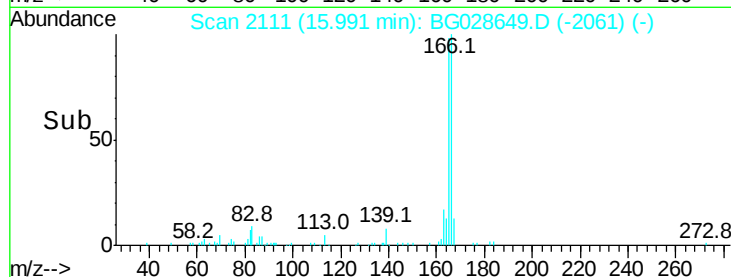
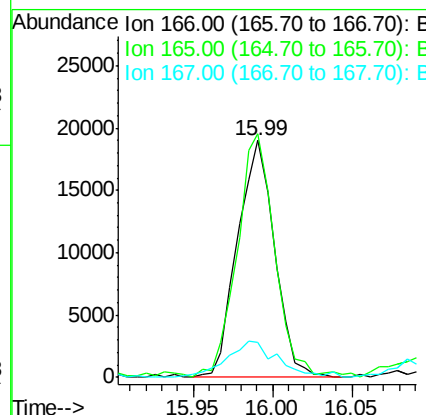
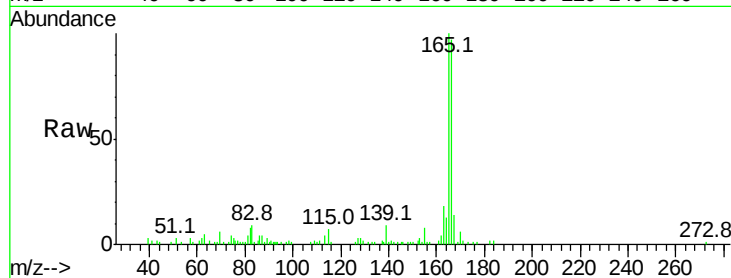
C19013061

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.8	78.6	117.8
167	14.6	11.6	17.4

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng

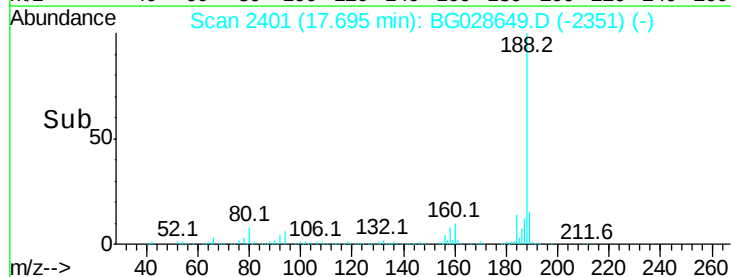
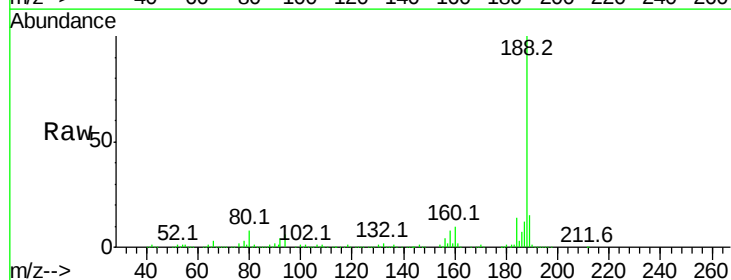
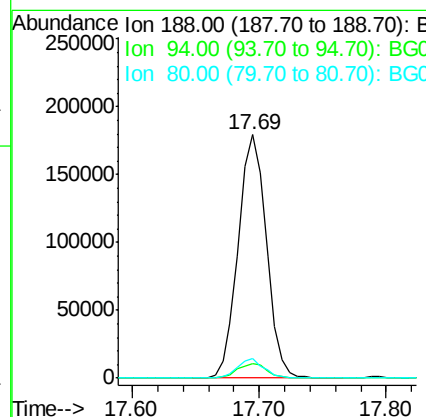
RT: 17.69 min Scan# 2401

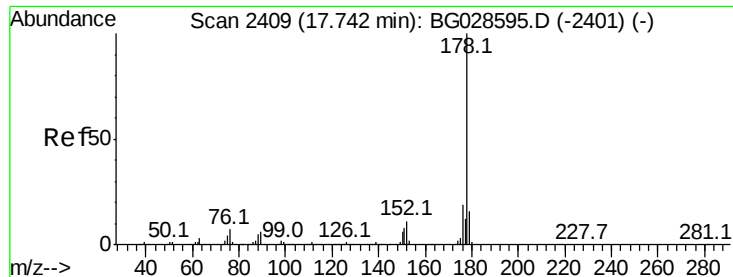
Delta R.T. -0.01 min

Lab File: BG028649.D

Acq: 11 Sep 2017 19:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.8	8.8
80	7.9	7.5	11.3





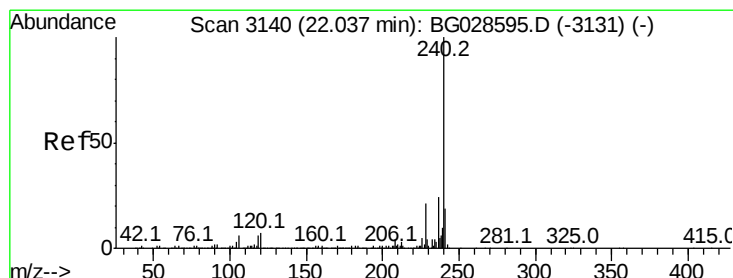
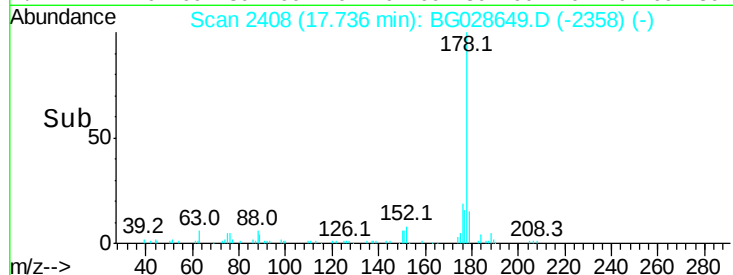
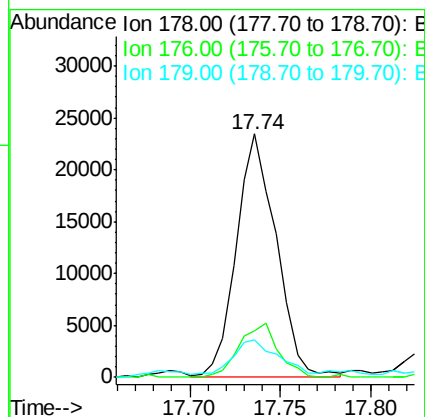
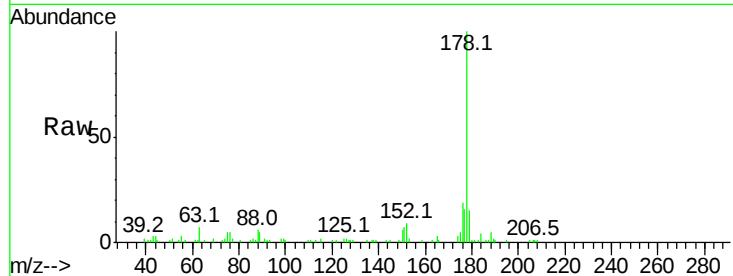
#70
Phenanthrene
Concen: 2.432 ng
RT: 17.74 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BG028649.D
Acq: 11 Sep 2017 19:50

Instrument :
BNA_G
ClientSampleId :
C19013061

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	17.7	26.5
179	15.3	15.0	22.6

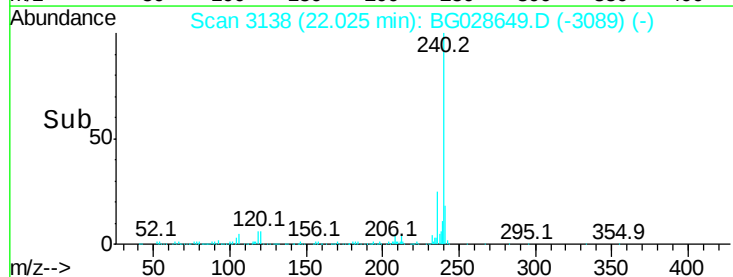
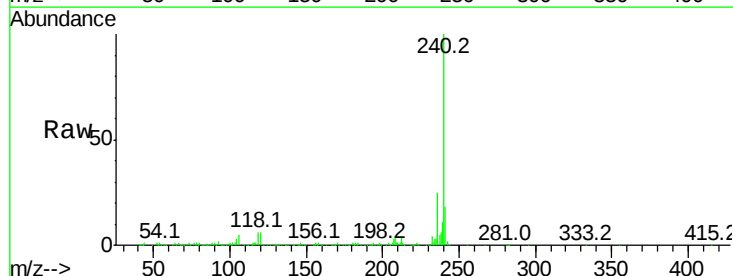
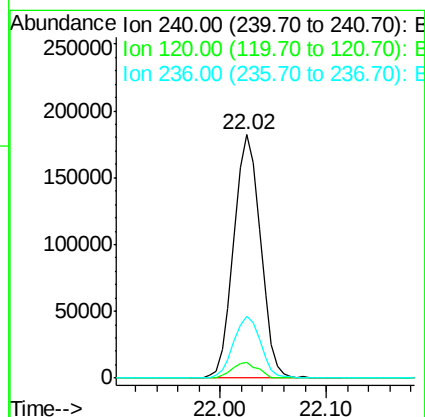
Manual Integrations
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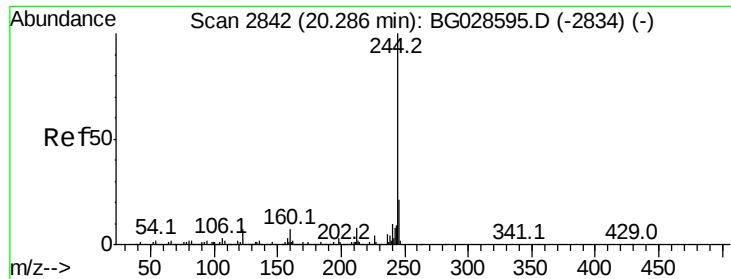
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.02 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG028649.D
Acq: 11 Sep 2017 19:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.7	8.5
236	25.3	22.2	33.4





#78

Terphenyl-d14

Concen: 88.384 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG028649.D

Acq: 11 Sep 2017 19:50

Instrument :

BNA_G

ClientSampled :

C19013061

Tot Ion:244 Resp: 1305890

Ion Ratio Lower Upper

244 100

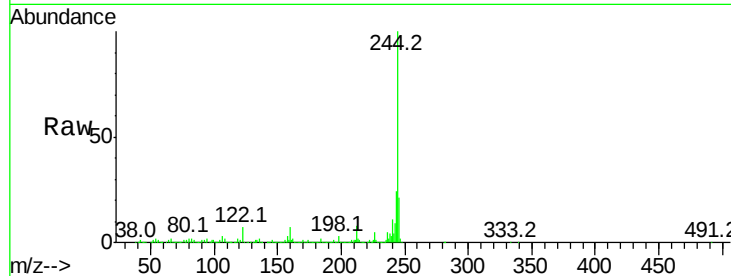
212 8.1 10.0 15.0#

122 7.5 8.6 12.8#

Manual Integrations
APPROVED

Sohil

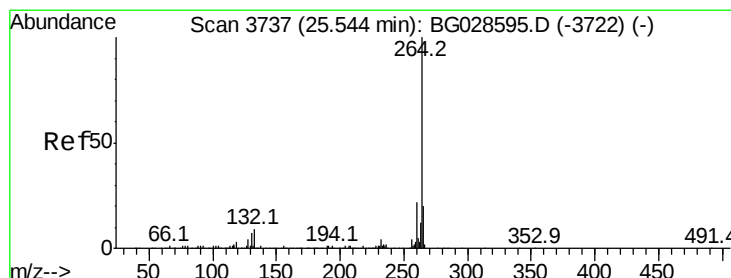
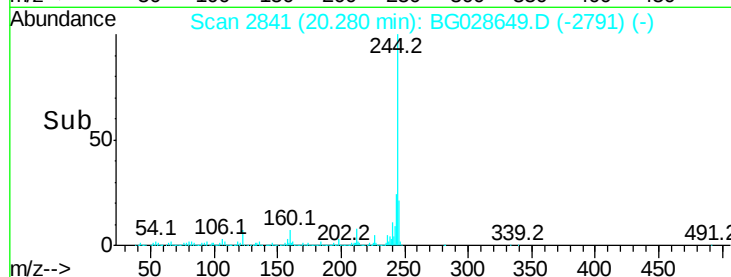
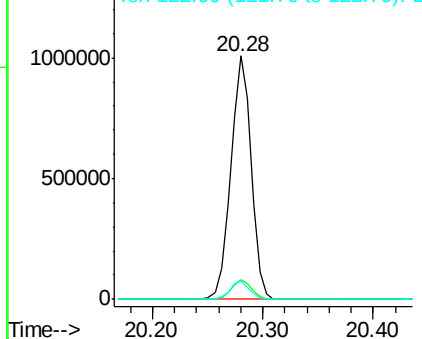
9/12/2017 6:03:15 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.53 min Scan# 3734

Delta R.T. -0.02 min

Lab File: BG028649.D

Acq: 11 Sep 2017 19:50

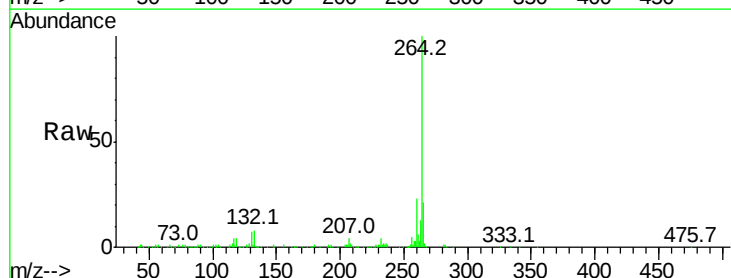
Tgt Ion:264 Resp: 305902

Ion Ratio Lower Upper

264 100

260 23.4 21.8 32.8

265 21.2 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

