

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091017\
 Data File : BG028621.D
 Acq On : 9 Sep 2017 18:58
 Operator : SJ/JU
 Sample : I5167-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C19013061

Manual Integrations
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Sohil
 9/11/2017 2:42:00 PM

Quant Time: Sep 11 07:52:28 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	30820	20.00	ng	0.00
21) Naphthalene-d8	11.16	136	121569	20.00	ng	0.00
38) Acenaphthene-d10	14.95	164	88127	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	243069	20.00	ng	0.00
75) Chrysene-d12	22.02	240	294718	20.00	ng	-0.01
86) Perylene-d12	25.53	264	286265	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	113456	61.98	ng	0.00
7) Phenol-d6	7.49	99	93789	35.32	ng	0.00
23) Nitrobenzene-d5	9.50	82	246987	93.29	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	222099	165.81	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	631586	93.76	ng	0.00
78) Terphenyl-d14	20.28	244	1232943	90.13	ng	0.00
Target Compounds						
35) Caprolactam	12.06	113	29497	37.889	ng	90
54) Dibenzofuran	15.34	168	18354	2.250	ng	# 90
57) Fluorene	15.99	166	27225	3.650	ng	92
70) Phenanthrene	17.74	178	34259	2.650	ng	98

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

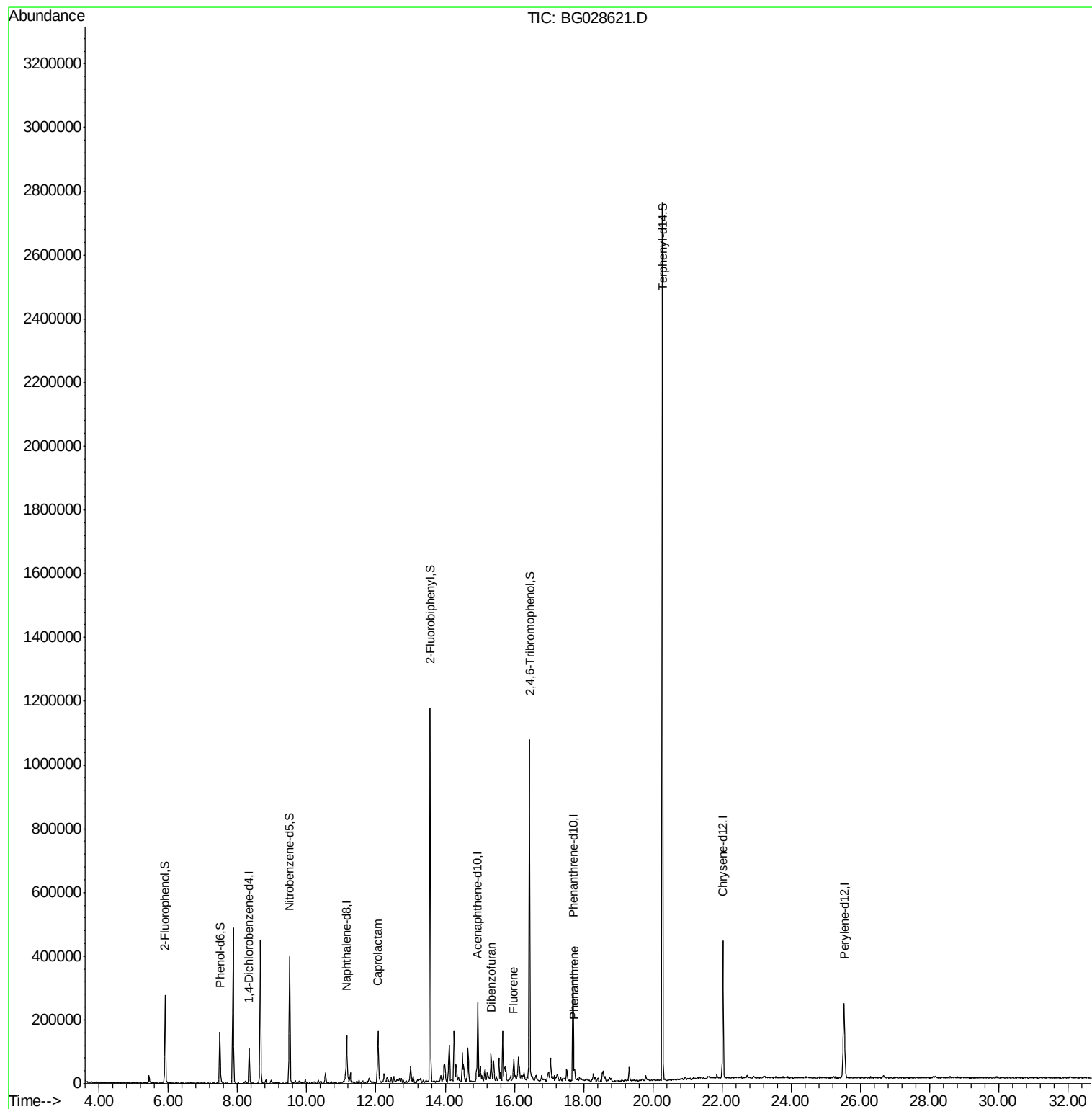
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091017\
Data File : BG028621.D
Acq On : 9 Sep 2017 18:58
Operator : SJ/JU
Sample : I5167-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

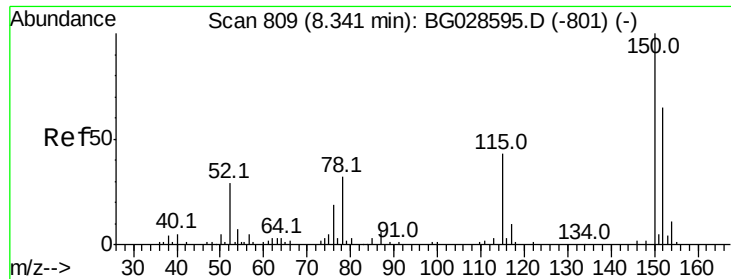
Instrument :
BNA_G
ClientSampleId :
C19013061

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9/11/2017 2:42:00 PM

Quant Time: Sep 11 07:52:28 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





#1

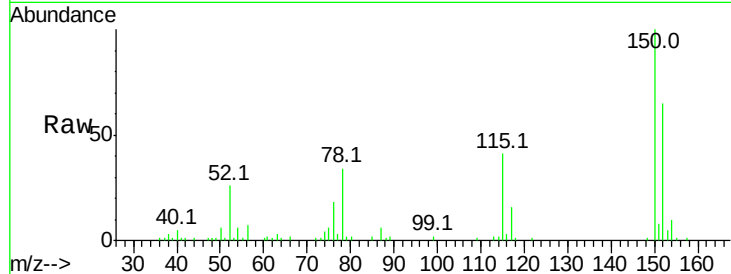
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.34 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG028621.D
Acq: 9 Sep 2017 18:58

Instrument :
BNA_G
ClientSampleId :
C19013061

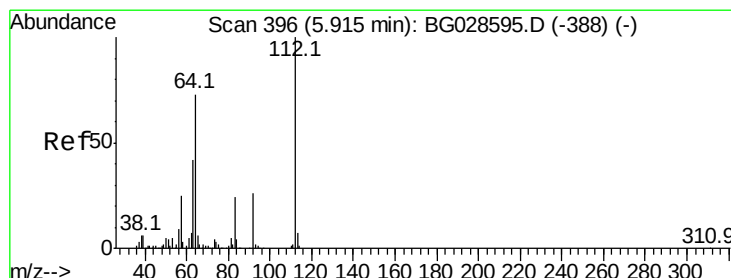
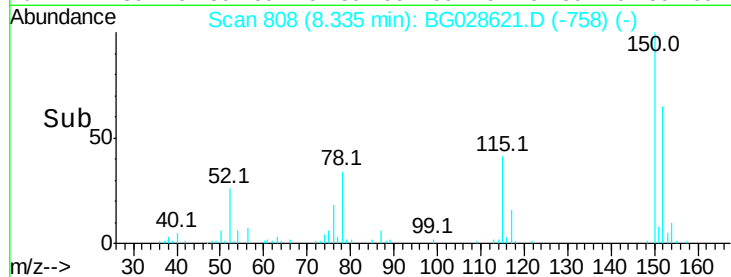
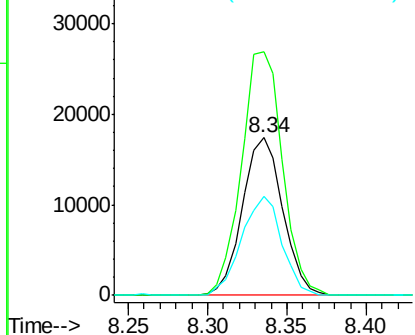
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	114.0	171.0
115	63.0	48.1	72.1

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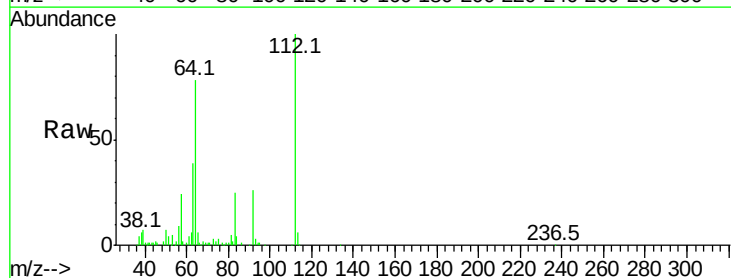
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



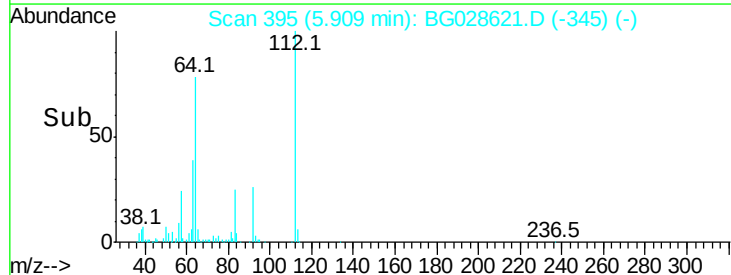
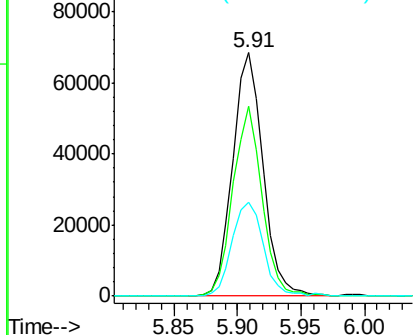
#5

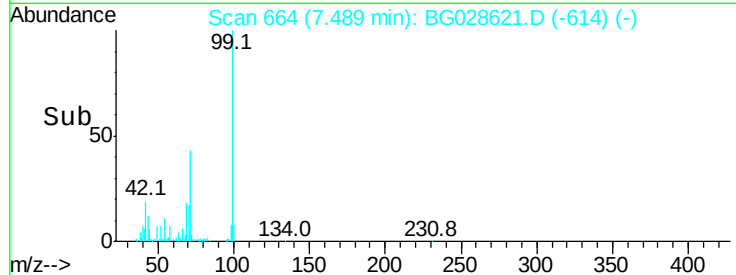
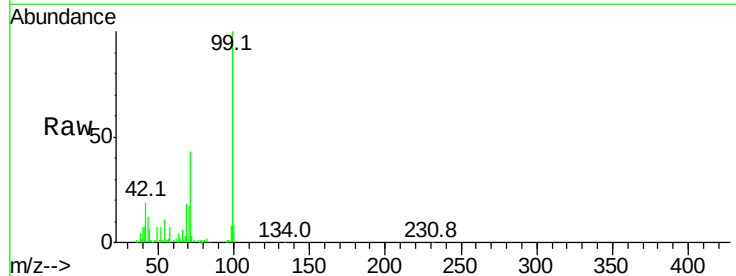
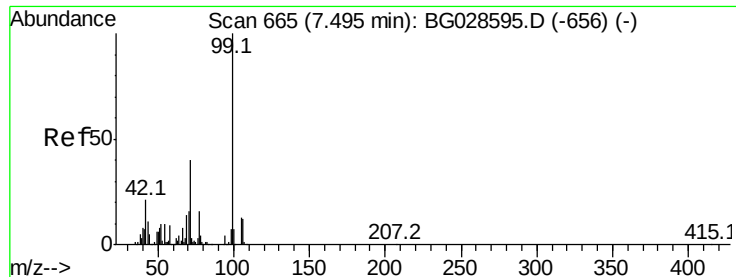
2-Fluorophenol
Concen: 61.982 ng
RT: 5.91 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG028621.D
Acq: 9 Sep 2017 18:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.0	61.8	92.6
63	38.6	37.2	55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 35.325 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG028621.D

Acq: 9 Sep 2017 18:58

Tot Ion:	99	Resp:	93789
Ion Ratio	Lower	Upper	
99	100		
42	19.2	20.5	30.7#
71	43.3	37.6	56.4

Instrument :

BNA_G

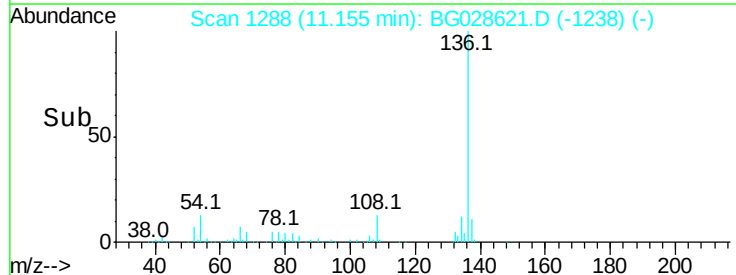
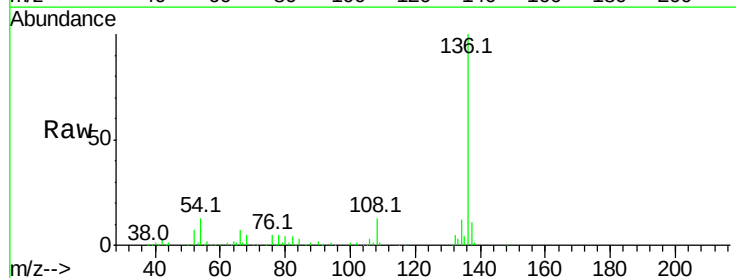
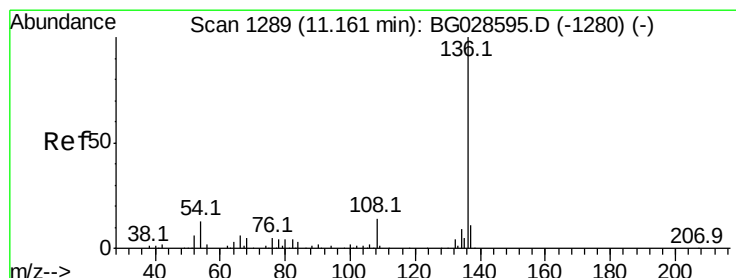
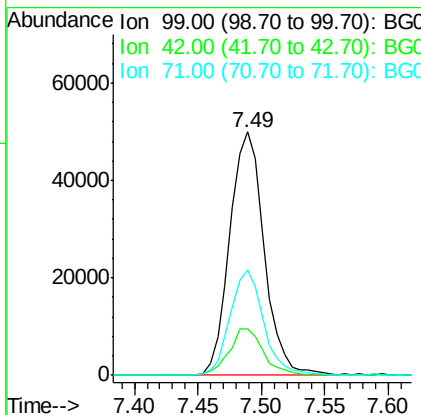
ClientSampleId :

C19013061

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#21

Naphthalene-d8

Concen: 20.000 ng

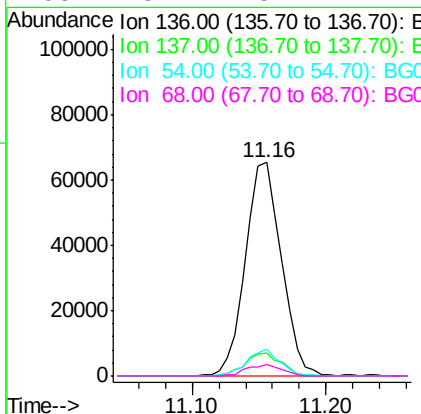
RT: 11.16 min Scan# 1288

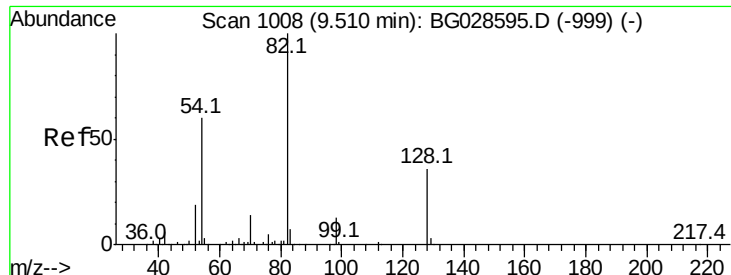
Delta R.T. -0.01 min

Lab File: BG028621.D

Acq: 9 Sep 2017 18:58

Tgt Ion:	136	Resp:	121569
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	12.6	9.3	13.9
68	5.2	5.1	7.7





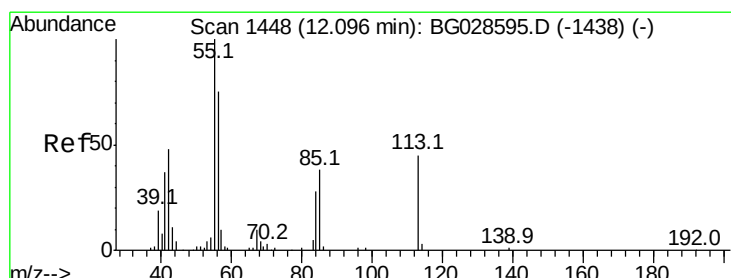
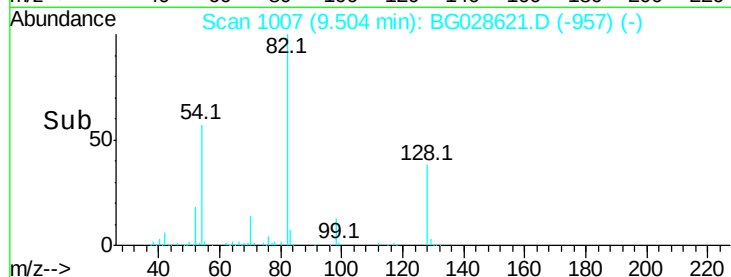
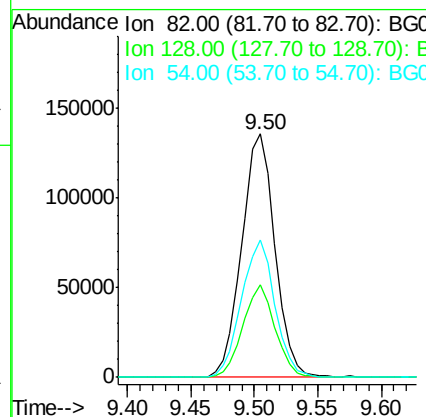
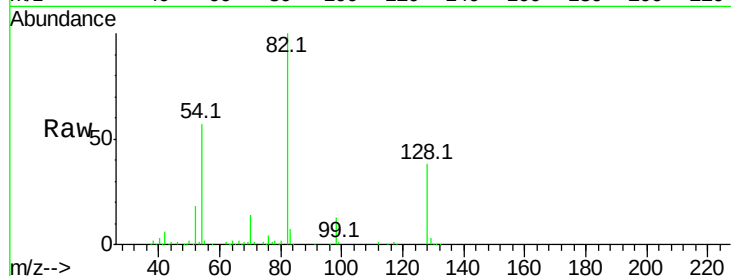
#23
 Nitrobenzene-d5
 Concen: 93.289 ng
 RT: 9.50 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG028621.D
 Acq: 9 Sep 2017 18:58

Instrument :
 BNA_G
 ClientSampleId :
 C19013061

Tot Ion	Ratio	Resp	Lower	Upper
82	100	246987		
128	37.9	26.4	39.6	
54	56.7	49.4	74.2	

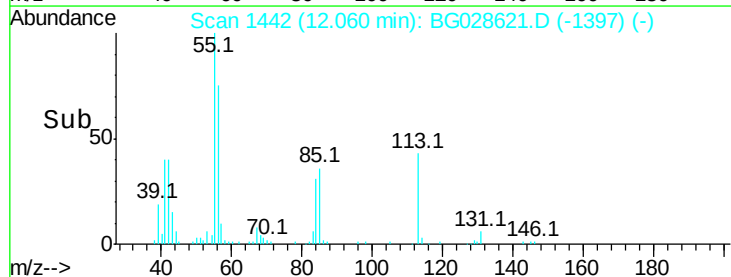
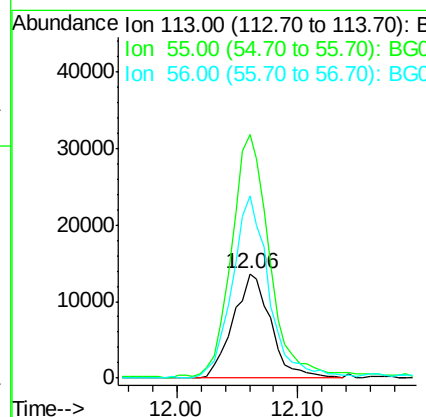
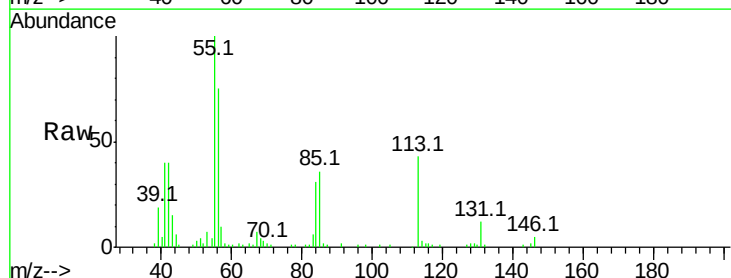
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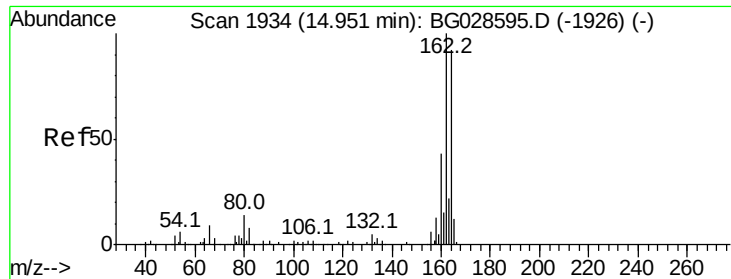
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#35
 Caprolactam
 Concen: 37.889 ng
 RT: 12.06 min Scan# 1442
 Delta R.T. -0.04 min
 Lab File: BG028621.D
 Acq: 9 Sep 2017 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	29497		
55	233.6	198.6	238.6	
56	174.5	140.4	180.4	





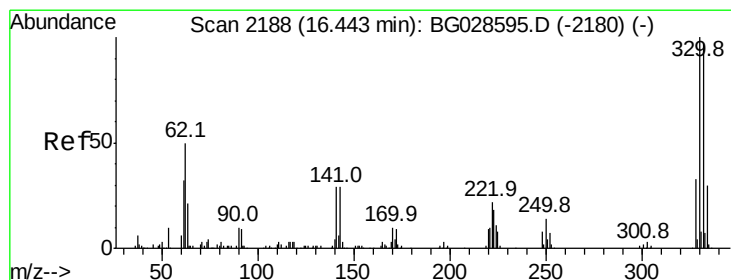
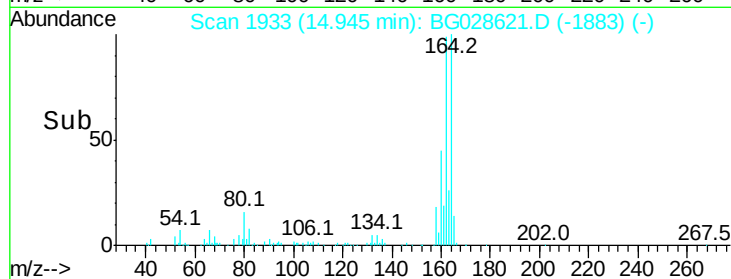
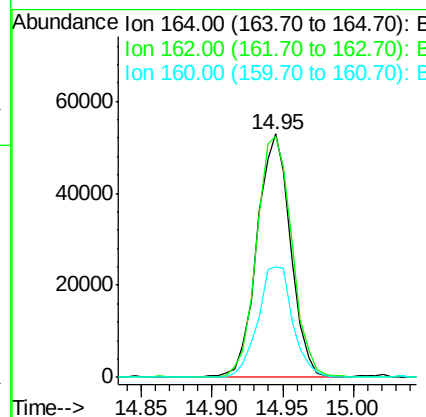
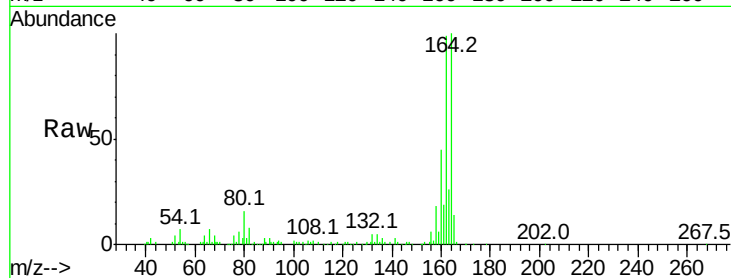
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.95 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG028621.D
Acq: 9 Sep 2017 18:58

Instrument :
BNA_G
ClientSampleId :
C19013061

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.2	85.1	127.7
160	45.4	34.7	52.1

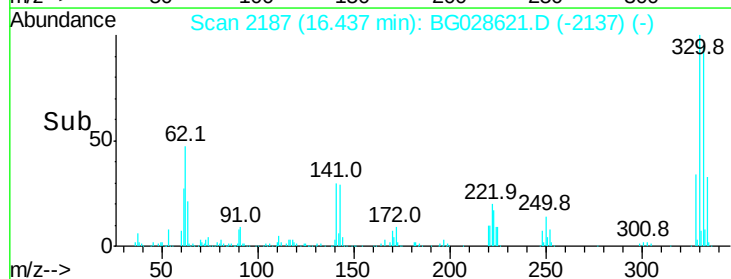
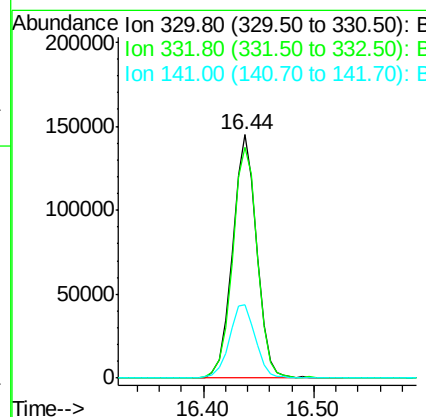
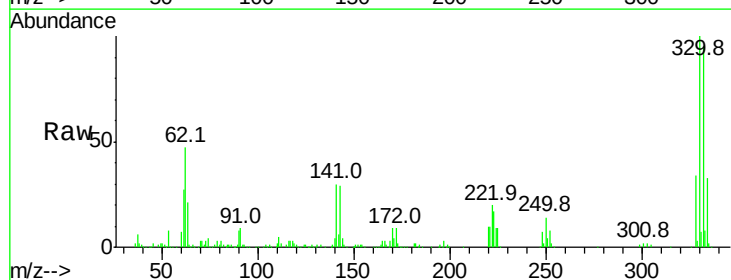
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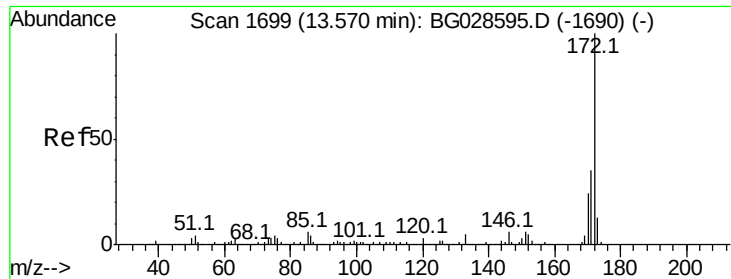
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#41
2,4,6-Tribromophenol
Concen: 165.815 ng
RT: 16.44 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG028621.D
Acq: 9 Sep 2017 18:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	32.4	32.1	48.1





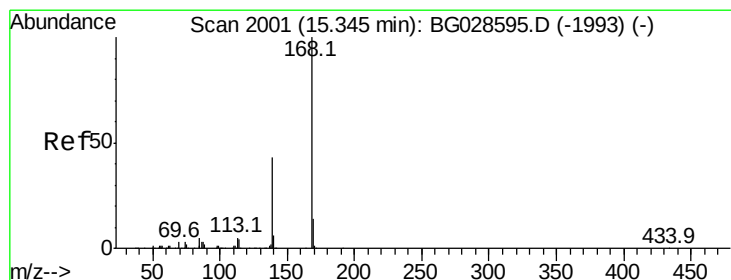
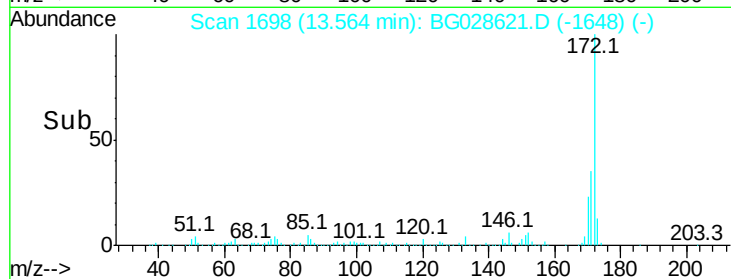
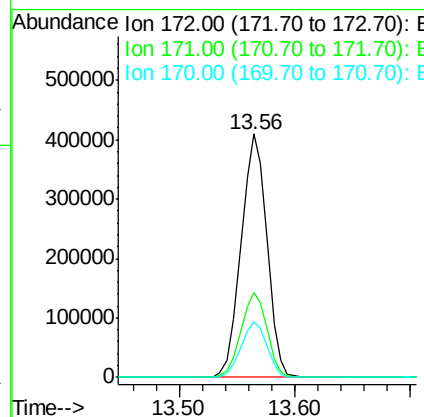
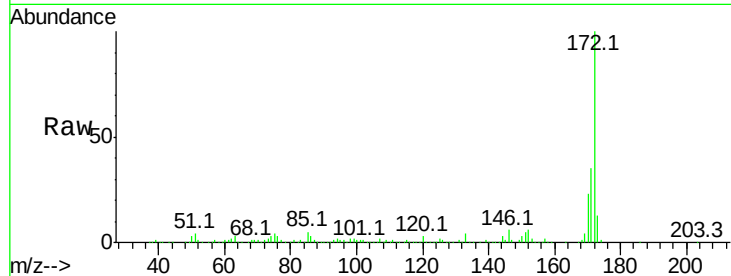
#44
2-Fluorobiphenyl
Concen: 93.758 ng
RT: 13.56 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG028621.D
Acq: 9 Sep 2017 18:58

Instrument :
BNA_G
ClientSampleId :
C19013061

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	32.2	48.2
170	22.9	21.8	32.6

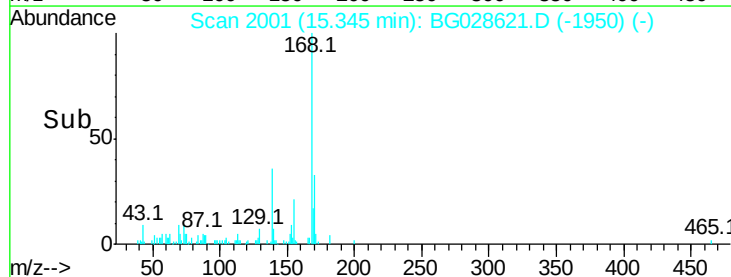
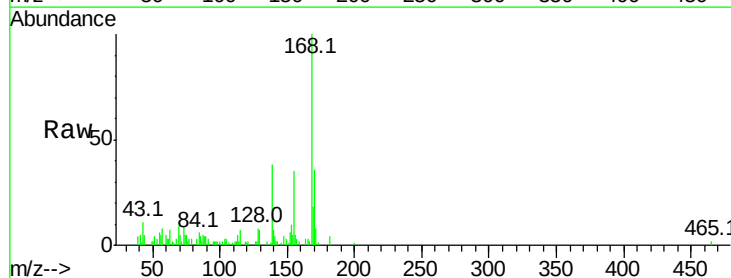
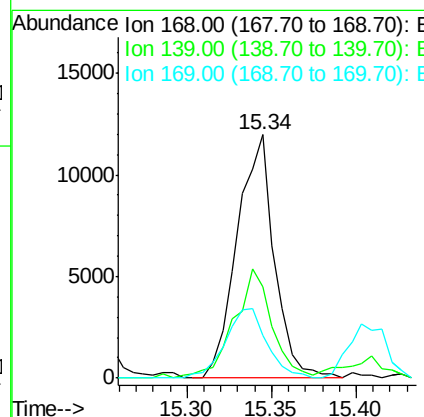
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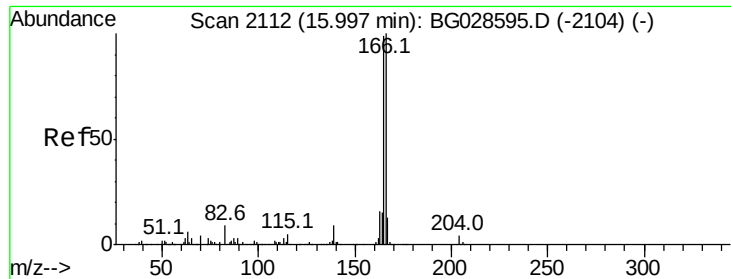
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#54
Dibenzofuran
Concen: 2.250 ng
RT: 15.34 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG028621.D
Acq: 9 Sep 2017 18:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.6	35.3	52.9
169	17.7	11.5	17.3#





#57

Fluorene

Concen: 3.650 ng

RT: 15.99 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BG028621.D

Acq: 9 Sep 2017 18:58

Instrument :

BNA_G

ClientSampleId :

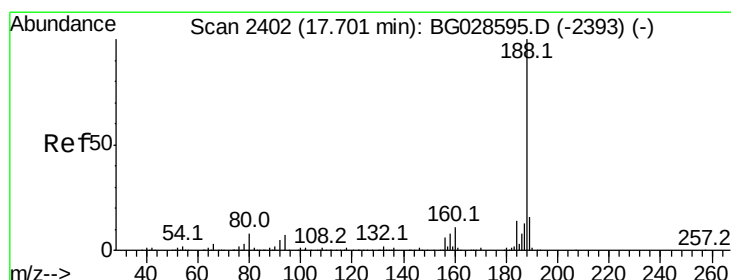
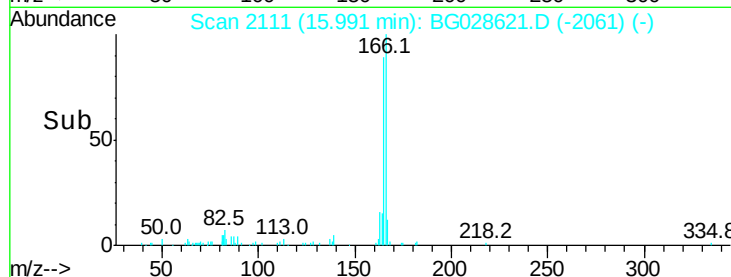
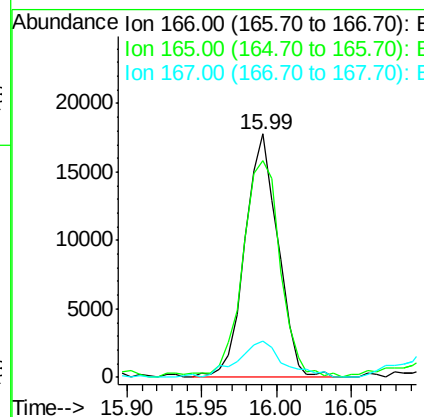
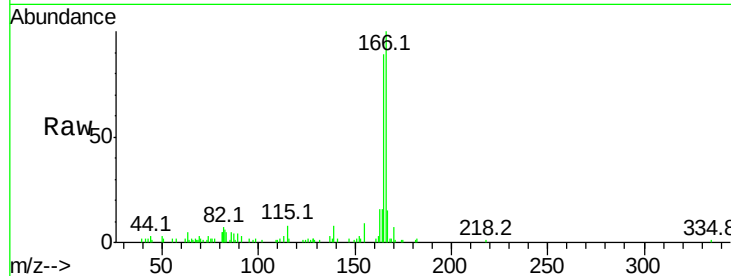
C19013061

Tot Ion:	166	Resp:	27225
Ion Ratio	Lower	Upper	
166	100		
165	89.1	78.6	117.8
167	14.9	11.6	17.4

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#63

Phenanthrene-d10

Concen: 20.000 ng

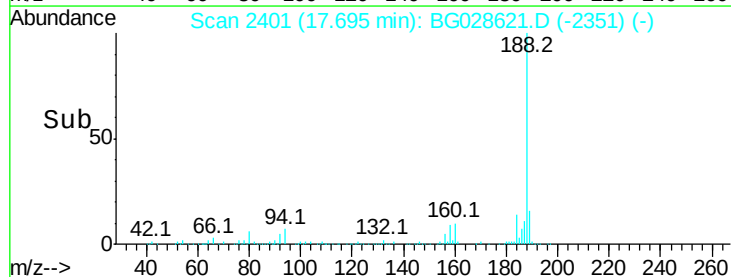
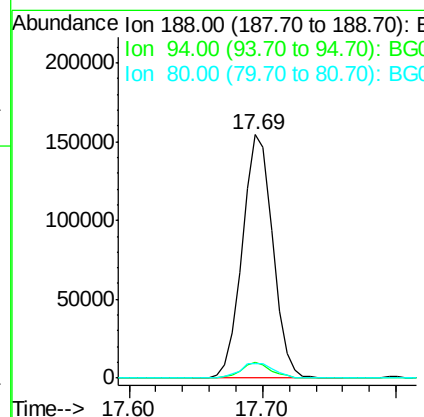
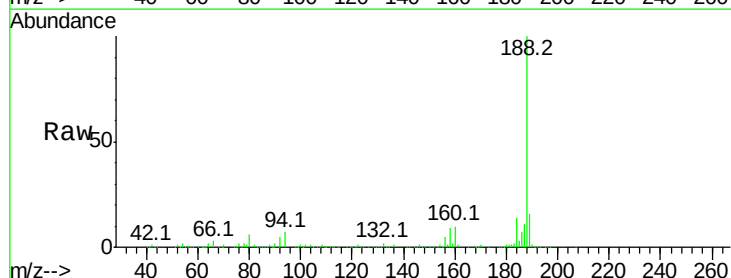
RT: 17.69 min Scan# 2401

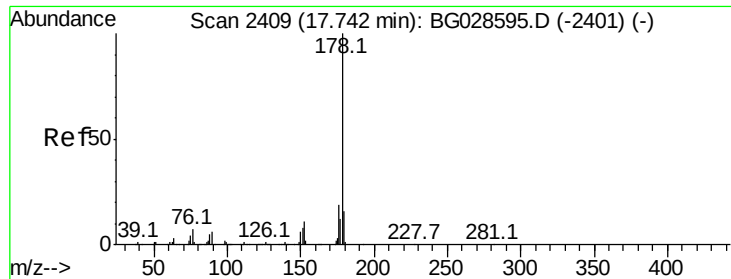
Delta R.T. -0.01 min

Lab File: BG028621.D

Acq: 9 Sep 2017 18:58

Tgt Ion:	188	Resp:	243069
Ion Ratio	Lower	Upper	
188	100		
94	6.7	5.8	8.8
80	6.1	7.5	11.3#





#70

Phenanthrene

Concen: 2.650 ng

RT: 17.74 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BG028621.D

Acq: 9 Sep 2017 18:58

Instrument :

BNA_G

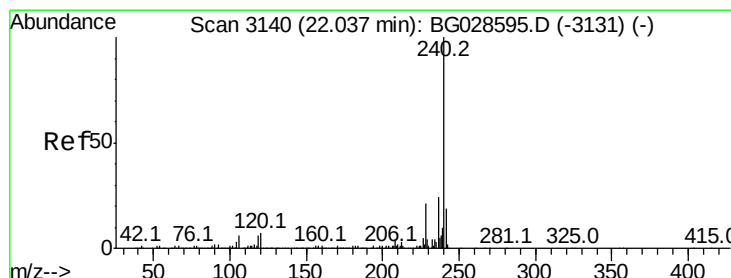
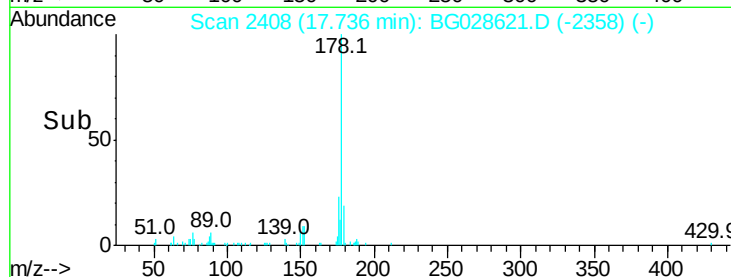
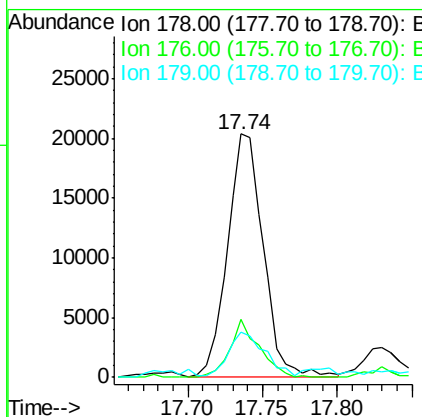
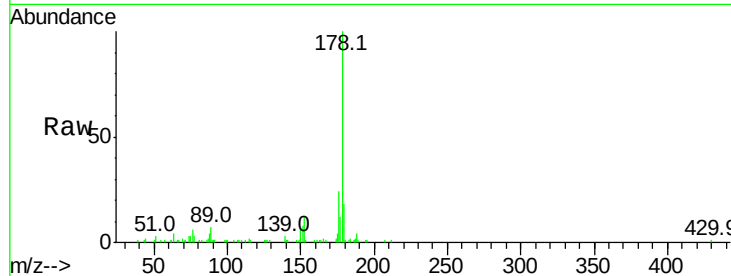
ClientSampled :

C19013061

Tot Ion	Ratio	Lower	Upper
178	100		
176	23.6	17.7	26.5
179	18.3	15.0	22.6

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#75

Chrysene-d12

Concen: 20.000 ng

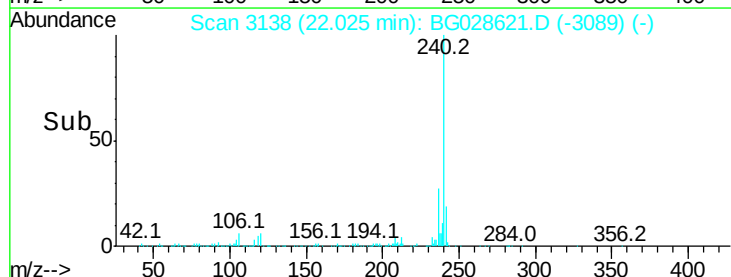
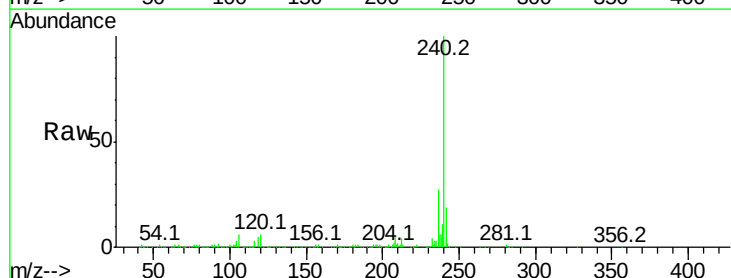
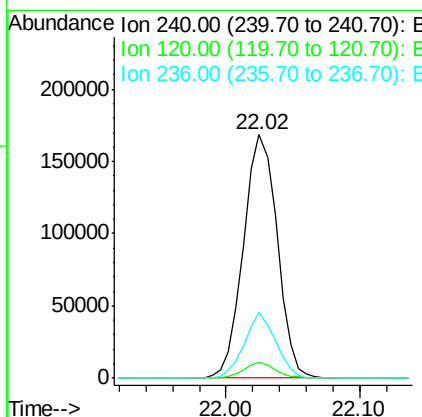
RT: 22.02 min Scan# 3138

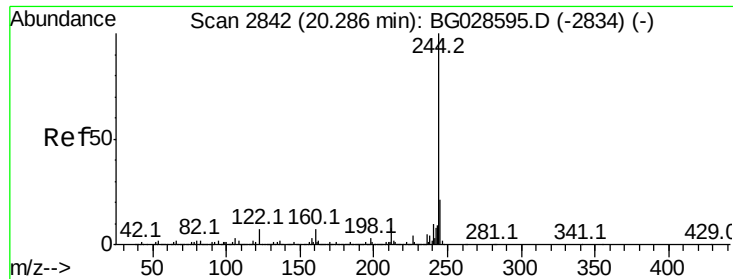
Delta R.T. -0.01 min

Lab File: BG028621.D

Acq: 9 Sep 2017 18:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.7	8.5
236	26.9	22.2	33.4





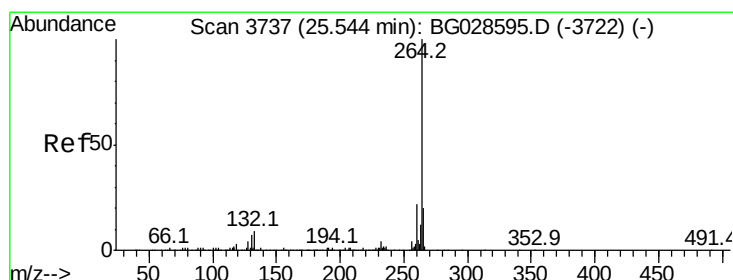
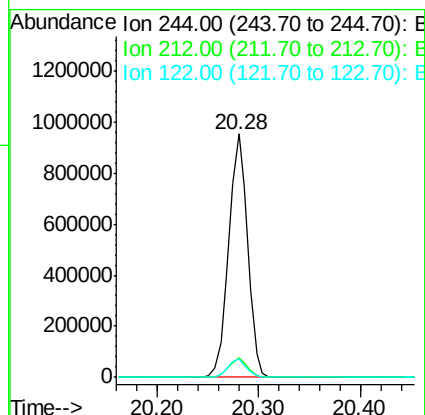
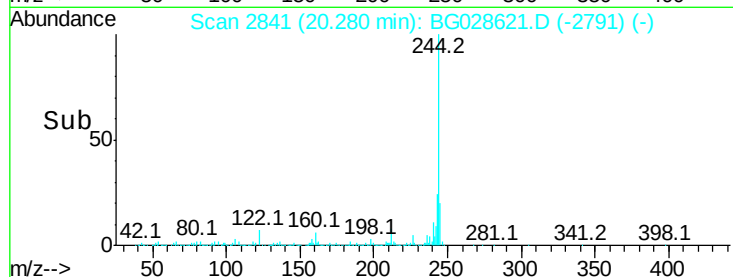
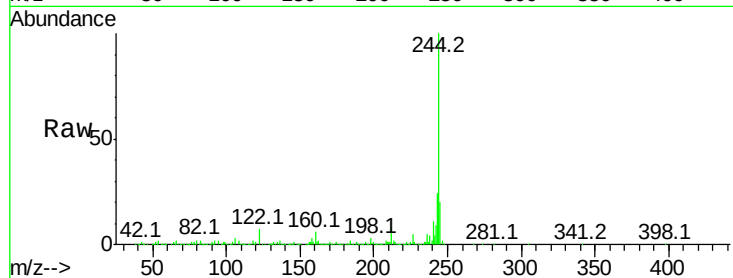
#78
 Terphenyl-d14
 Concen: 90.134 ng
 RT: 20.28 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BG028621.D
 Acq: 9 Sep 2017 18:58

Instrument :
 BNA_G
 ClientSampleId :
 C19013061

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	7.3	8.6	12.8#

Manual Integrations
 APPROVED

Sohil
 9/11/2017 2:42:00 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.53 min Scan# 3734
 Delta R.T. -0.02 min
 Lab File: BG028621.D
 Acq: 9 Sep 2017 18:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	21.8	32.8
265	20.1	18.2	27.4

