

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
 Data File : BG029332.D
 Acq On : 18 Oct 2017 13:49
 Operator : SJ/JU
 Sample : I5906-13DL 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WH-TWS-03DL

Manual Integrations
 APPROVED

Sohil
 10/18/2017 7:29:04 PM

Quant Time: Oct 18 15:55:35 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	63874	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	310620	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	198809	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	447145	20.00	ng	0.00
75) Chrysene-d12	21.79	240	471202	20.00	ng	0.00
86) Perylene-d12	25.10	264	463207	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	50503	13.21	ng	0.00
7) Phenol-d6	7.32	99	67244	12.53	ng	0.00
23) Nitrobenzene-d5	9.33	82	46303	9.47	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	29035	11.31	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	138063	10.19	ng	0.00
78) Terphenyl-d14	20.11	244	211186	10.20	ng	-0.01
Target Compounds						
10) Phenol	7.35	94	100722	17.408	ng	93
17) 2-Methylphenol	8.60	107	36970	9.619	ng	92
20) 3+4-Methylphenols	8.93	107	142206	26.258	ng	93
27) 2,4-Dimethylphenol	10.14	122	57397	12.077	ng	93
31) Naphthalene	11.04	128	735622	47.519	ng	99
37) 2-Methylnaphthalene	12.63	142	47516m	4.211	ng	
70) Phenanthrene	17.56	178	50490	2.186	ng	97
72) Carbazole	17.92	167	103469	4.644	ng	98

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

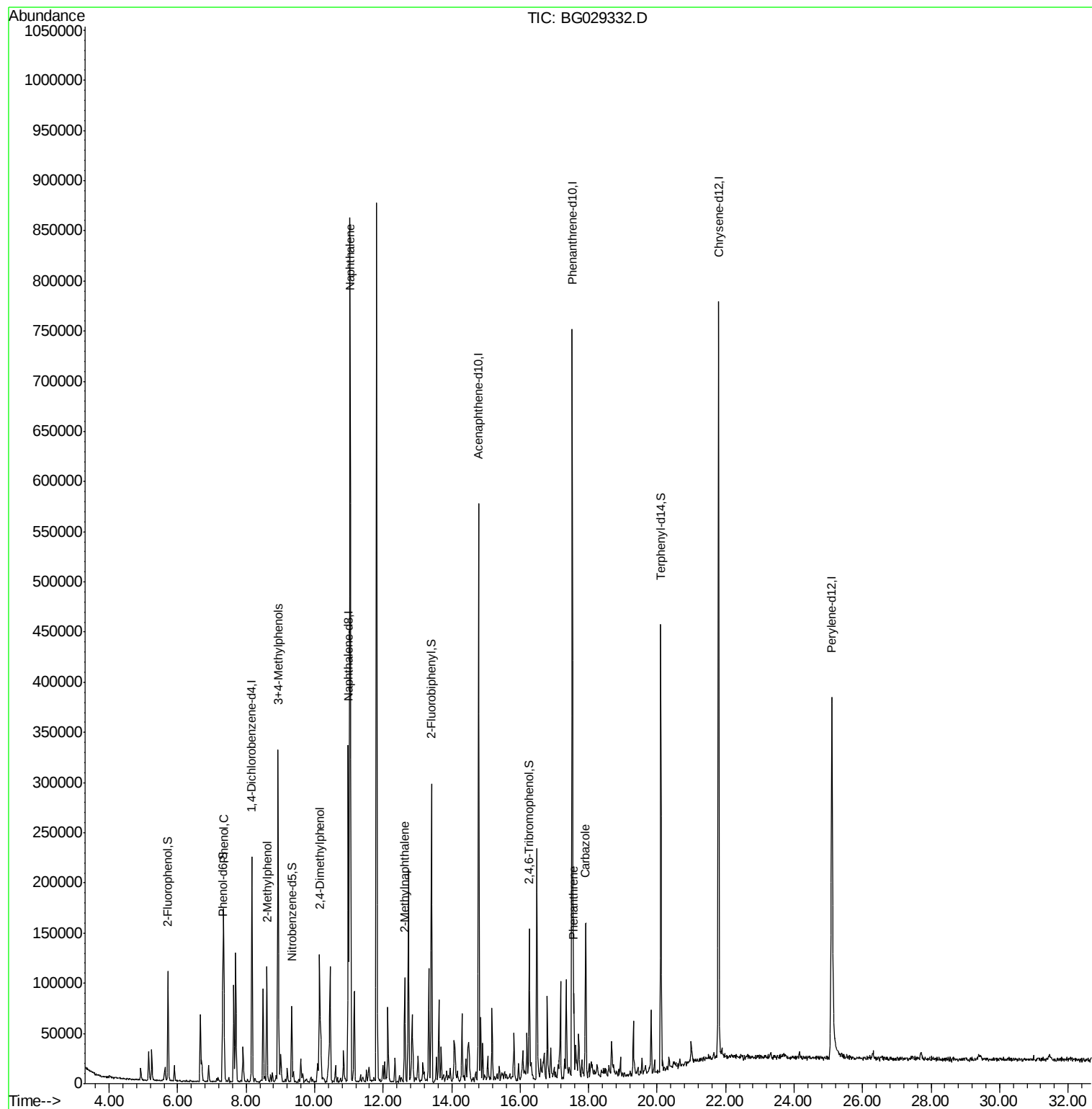
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
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Quant Time: Oct 18 15:55:35 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

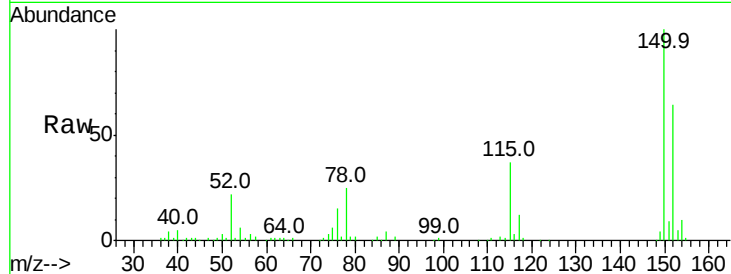
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029332.D
Acq: 18 Oct 2017 13:49

Instrument :
BNA_G
ClientSampleId :
WH-TWS-03DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.6	189.8
115	57.4	53.0	79.4

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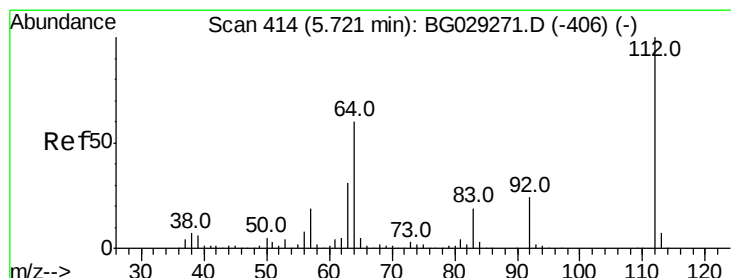
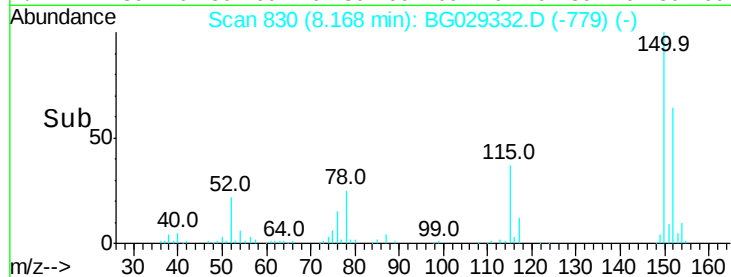
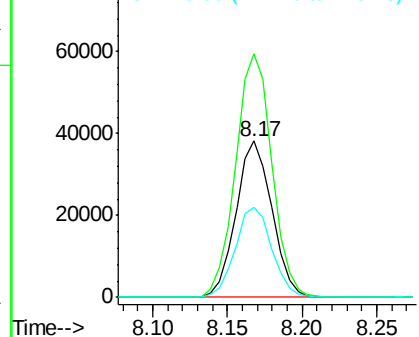


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

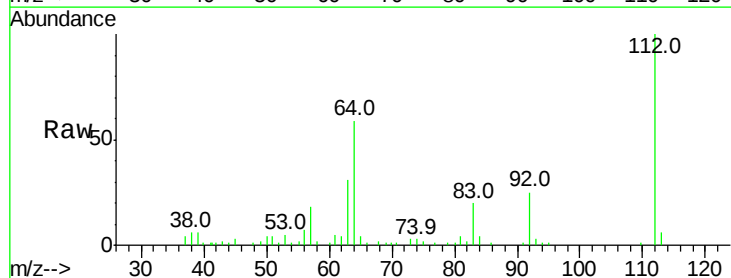
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 13.208 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029332.D
Acq: 18 Oct 2017 13:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	56.3	84.5
63	30.6	30.1	45.1

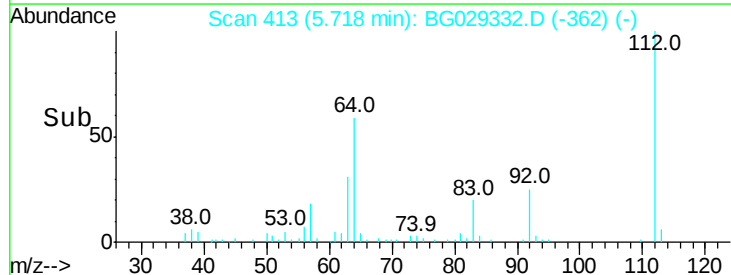
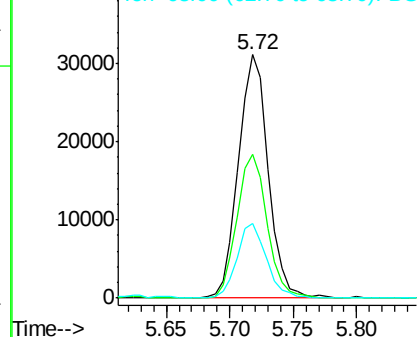


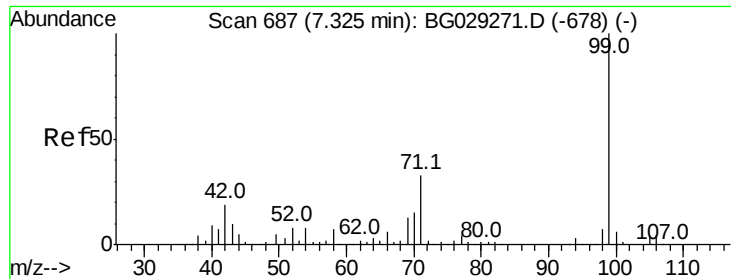
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 12.529 ng

RT: 7.32 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG029332.D

Acq: 18 Oct 2017 13:49

Instrument :

BNA_G

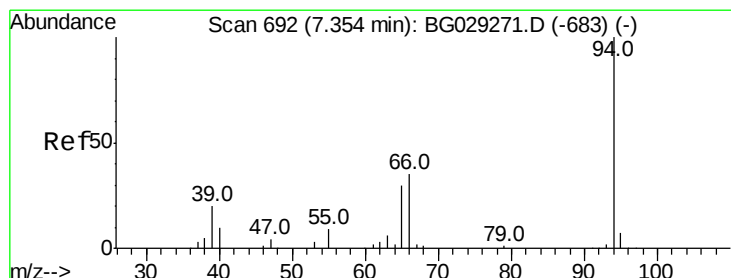
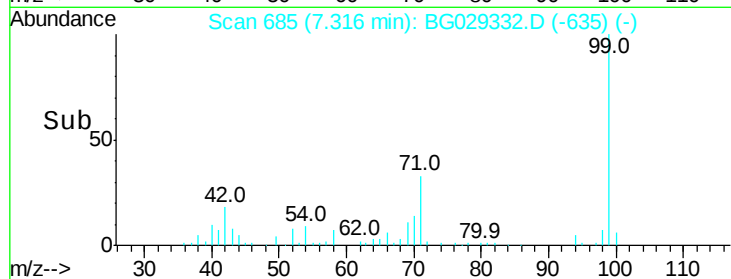
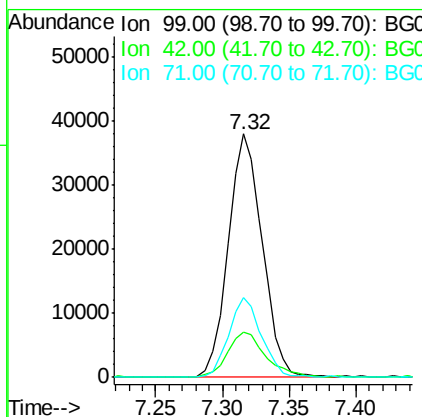
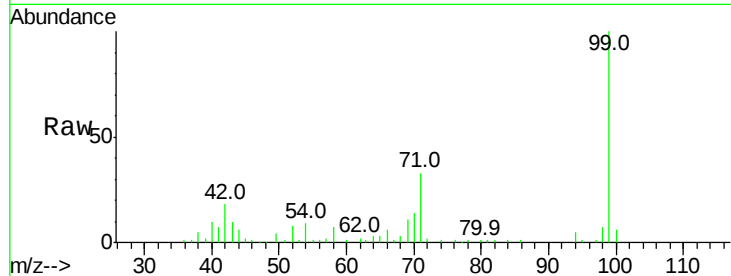
ClientSampleID :

WH-TWS-03DL

Tot Ion:	99	Resp:	67244
Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.1	21.1
71	32.7	26.1	39.1

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#10

Phenol

Concen: 17.408 ng

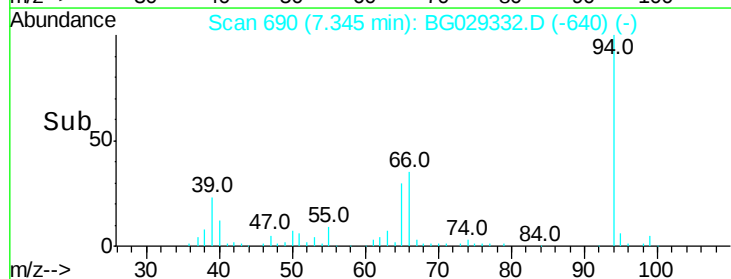
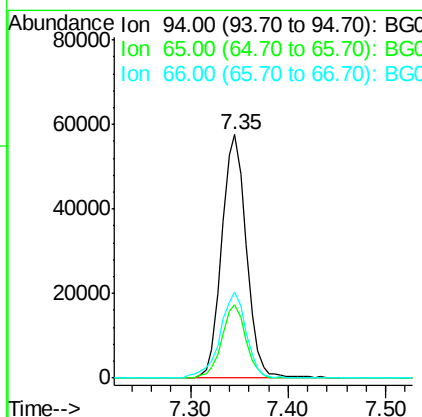
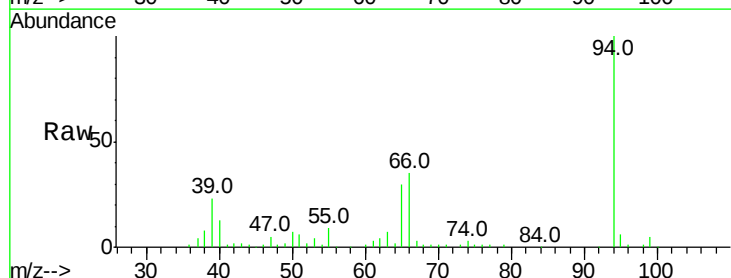
RT: 7.35 min Scan# 690

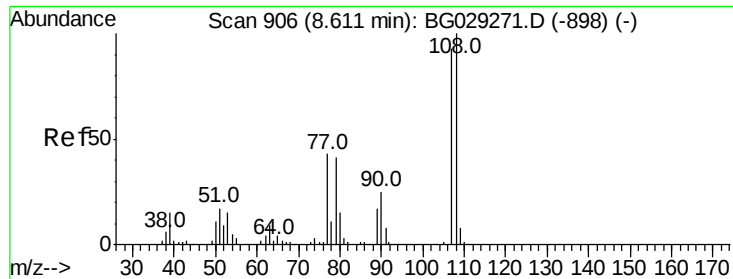
Delta R.T. -0.01 min

Lab File: BG029332.D

Acq: 18 Oct 2017 13:49

Tgt Ion:	94	Resp:	100722
Ion	Ratio	Lower	Upper
94	100		
65	30.4	11.9	51.9
66	35.4	22.2	62.2





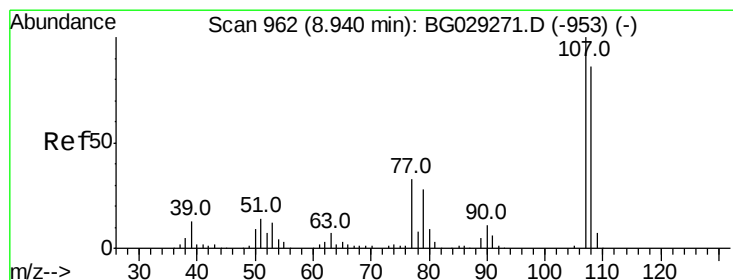
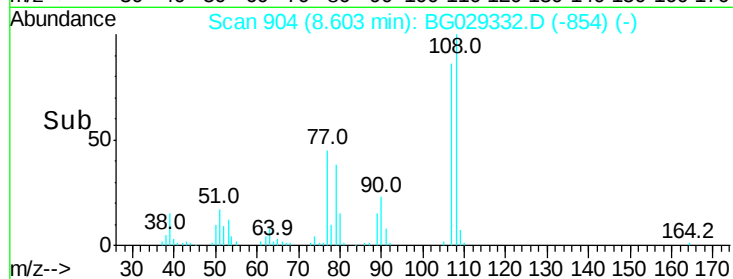
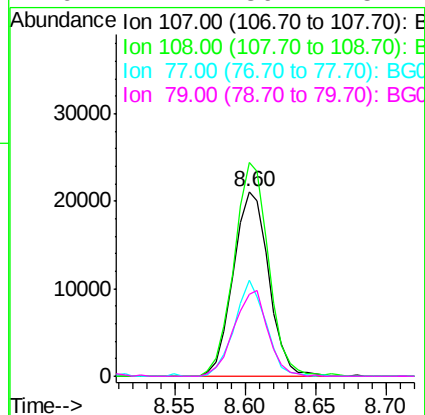
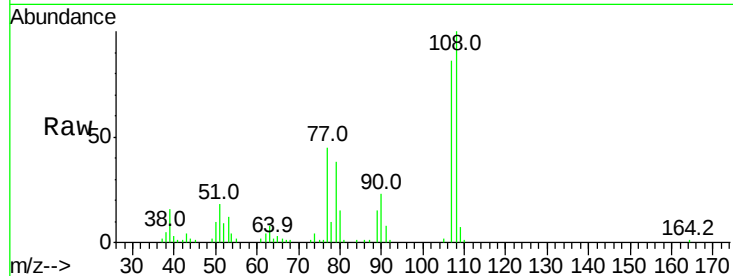
#17
2-Methylphenol
Concen: 9.619 ng
RT: 8.60 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG029332.D
Acq: 18 Oct 2017 13:49

Instrument :
BNA_G
ClientSampleId :
WH-TWS-03DL

Tot Ion:	107	Resp:	36970
Ion	Ratio	Lower	Upper
107	100		
108	115.9	83.9	125.9
77	52.1	37.2	55.8
79	44.2	36.2	54.2

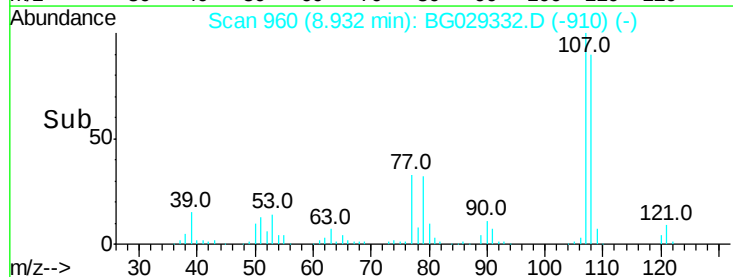
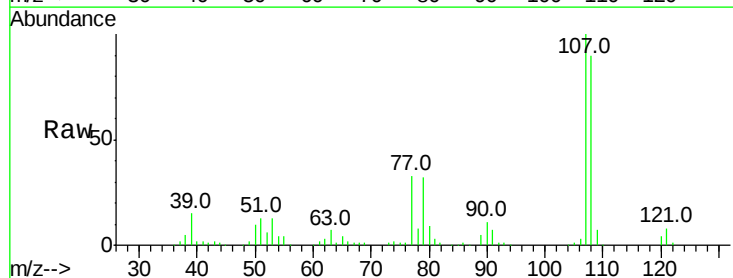
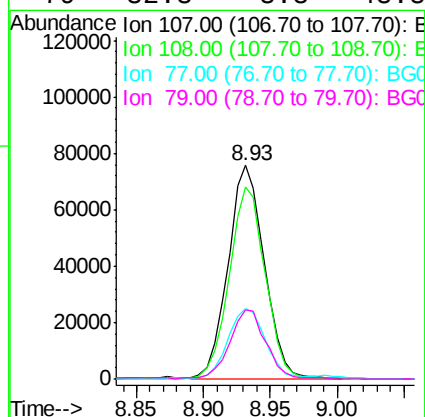
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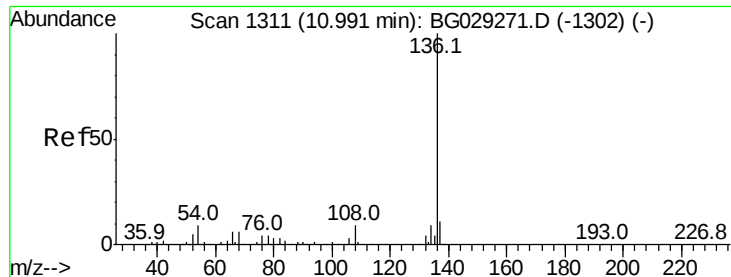
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#20
3+4-Methylphenols
Concen: 26.258 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG029332.D
Acq: 18 Oct 2017 13:49

Tgt Ion:	107	Resp:	142206
Ion	Ratio	Lower	Upper
107	100		
108	90.1	61.6	101.6
77	33.1	13.9	53.9
79	32.3	8.8	48.8





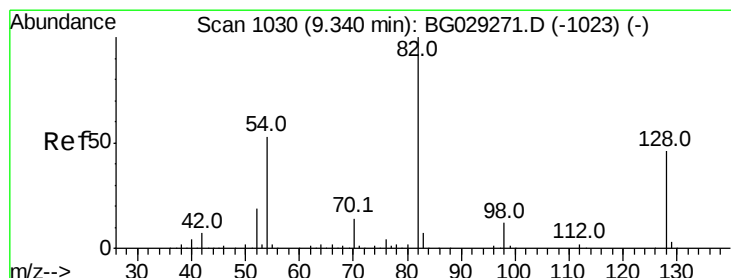
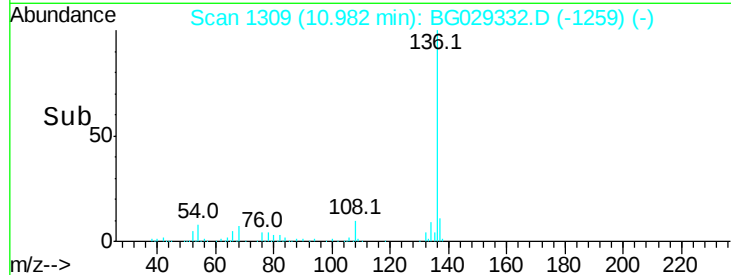
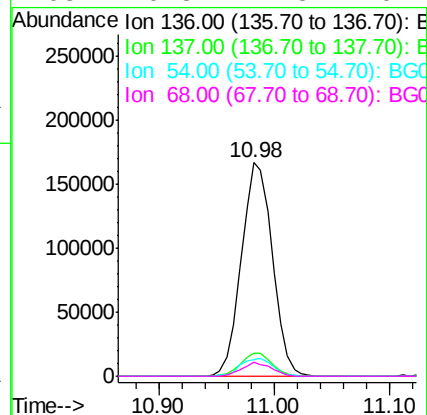
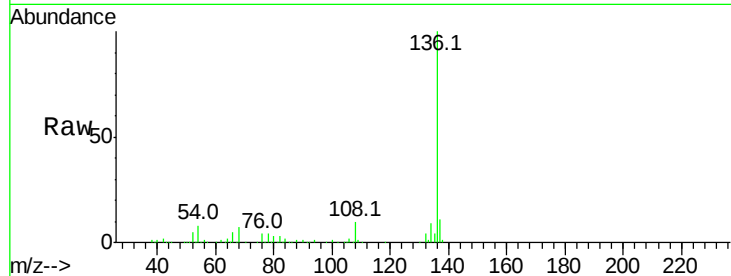
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG029332.D
Acq: 18 Oct 2017 13:49

Instrument :
BNA_G
ClientSampleId :
WH-TWS-03DL

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.2	13.8	
54	7.7	10.3	15.5	
68	6.8	4.5	6.7	

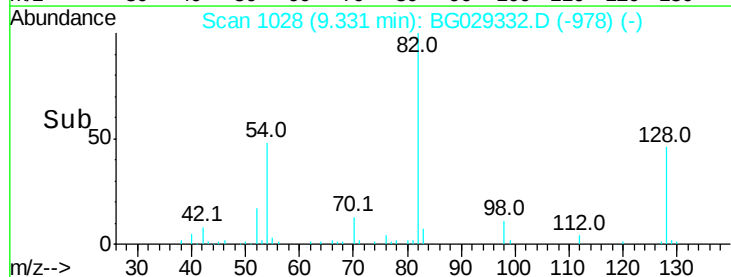
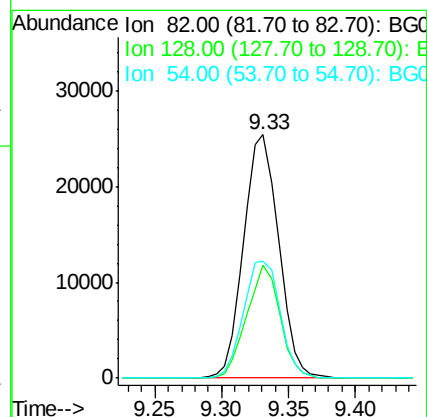
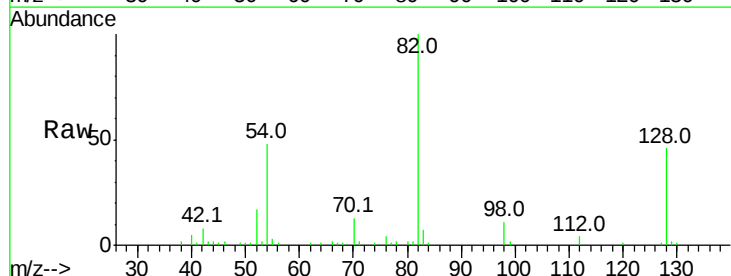
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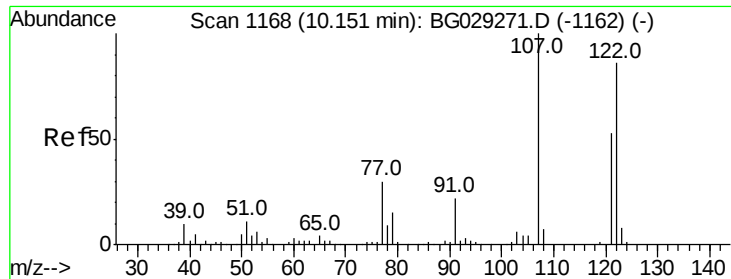
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#23
Nitrobenzene-d5
Concen: 9.473 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029332.D
Acq: 18 Oct 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.2	29.7	44.5	
54	48.1	43.1	64.7	





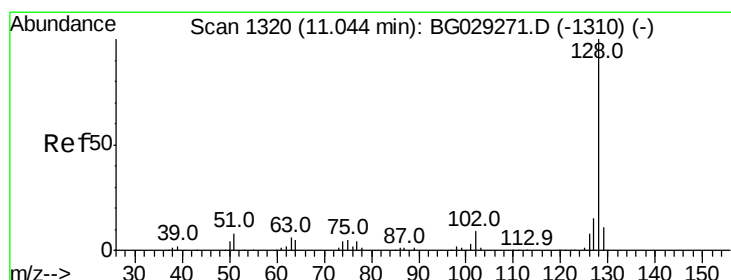
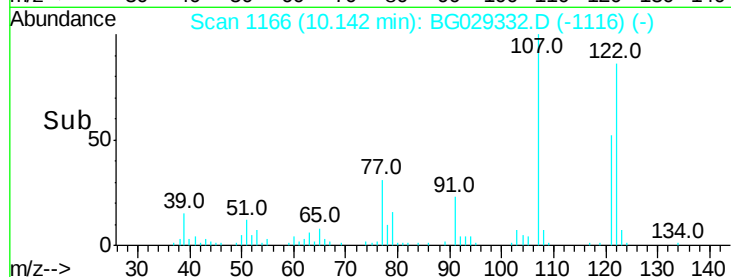
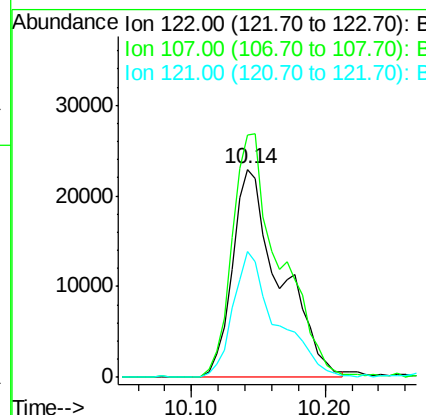
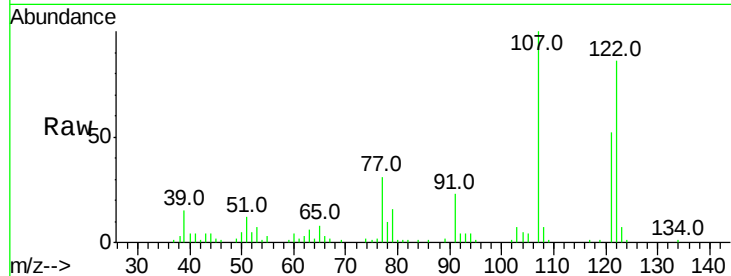
#27
2,4-Dimethylphenol
Concen: 12.077 ng
RT: 10.14 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG029332.D
Acq: 18 Oct 2017 13:49

Instrument :
BNA_G
ClientSampleId :
WH-TWS-03DL

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.7	100.2	150.2
121	60.4	44.4	66.6

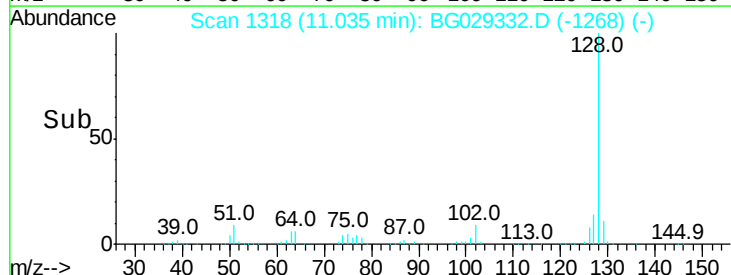
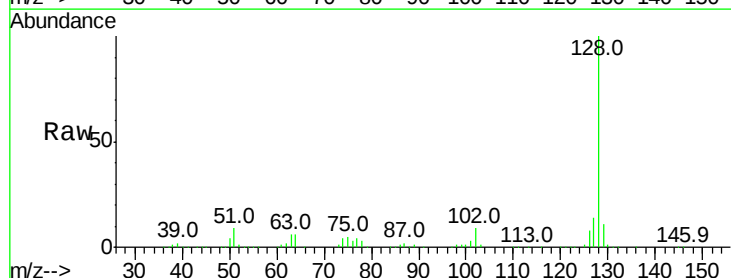
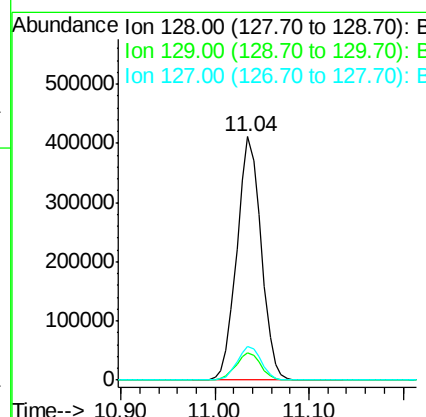
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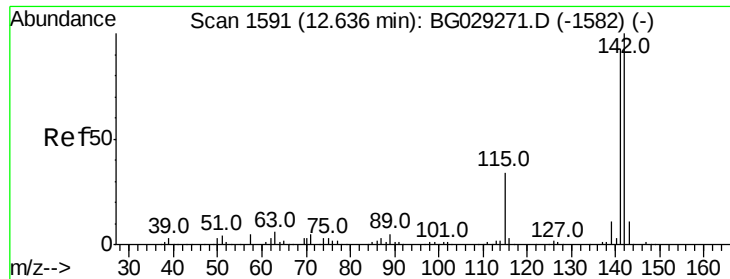
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#31
Naphthalene
Concen: 47.519 ng
RT: 11.04 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG029332.D
Acq: 18 Oct 2017 13:49

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	13.9	11.6	17.4





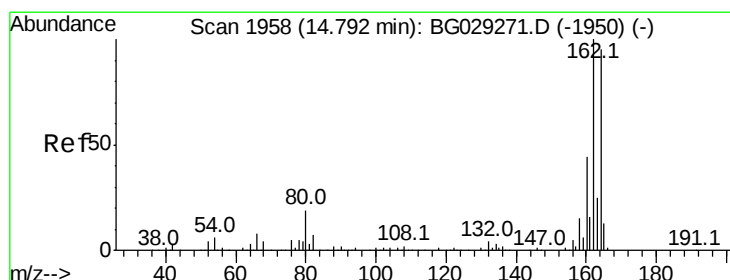
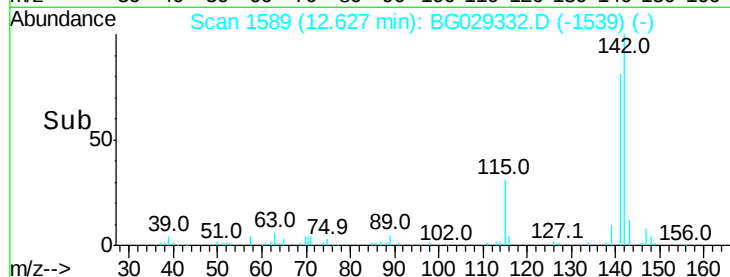
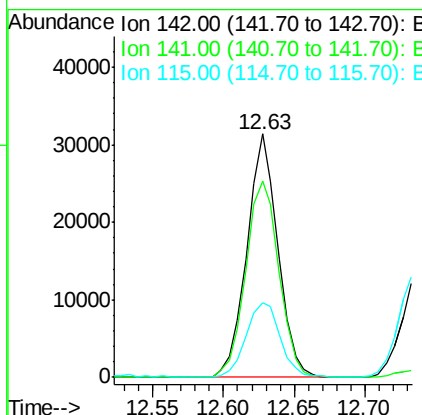
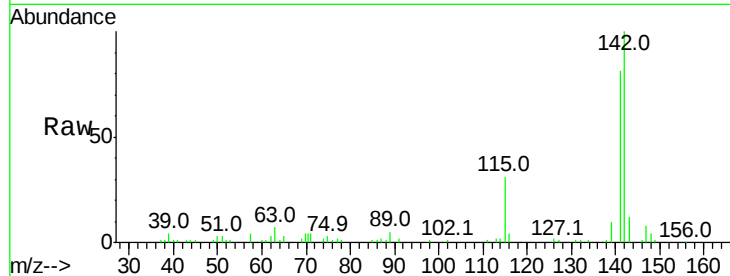
#37
2-Methylnaphthalene
Concen: 4.211 ng m
RT: 12.63 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG029332.D
Acq: 18 Oct 2017 13:49

Instrument :
BNA_G
ClientSampleId :
WH-TWS-03DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	80.6	67.1	100.7
115	30.7	30.7	46.1

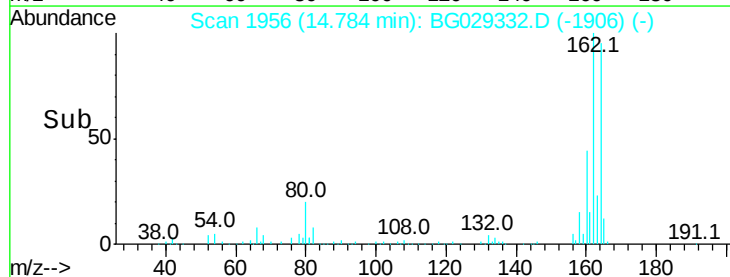
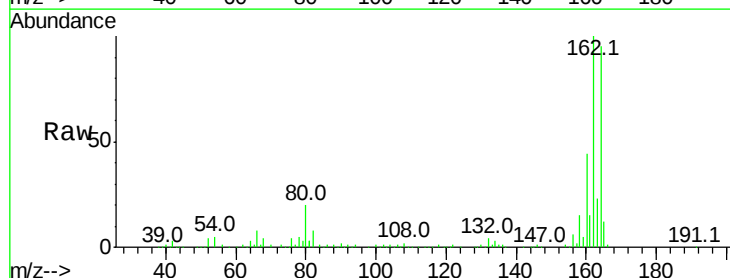
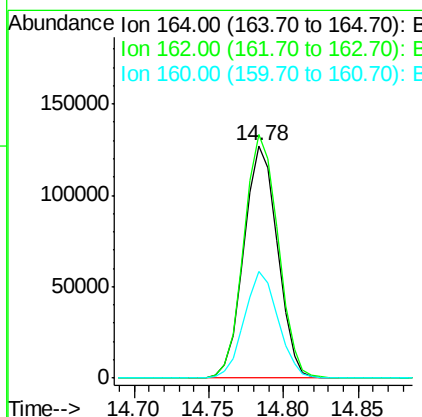
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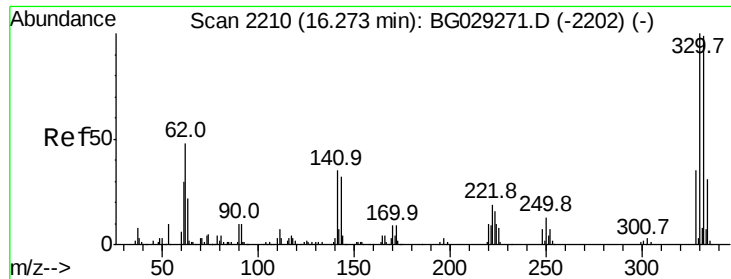
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029332.D
Acq: 18 Oct 2017 13:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	78.8	118.2
160	46.1	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 11.312 ng

RT: 16.26 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG029332.D

Acq: 18 Oct 2017 13:49

Instrument :

BNA_G

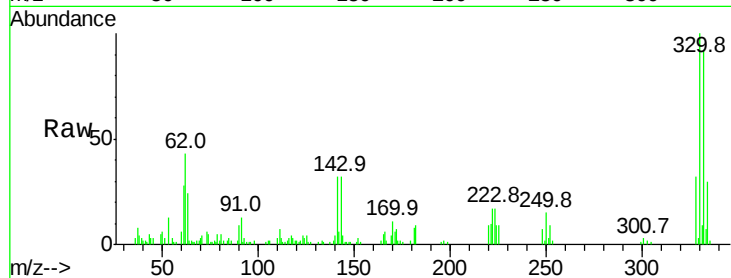
ClientSampleId :

WH-TWS-03DL

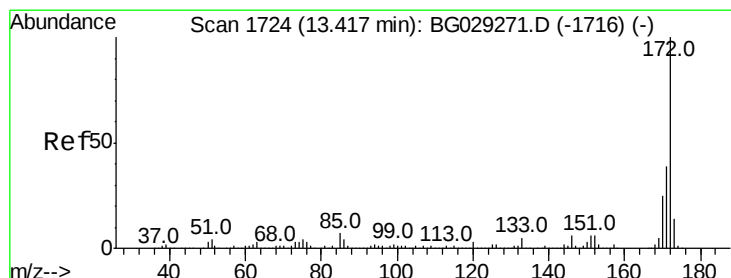
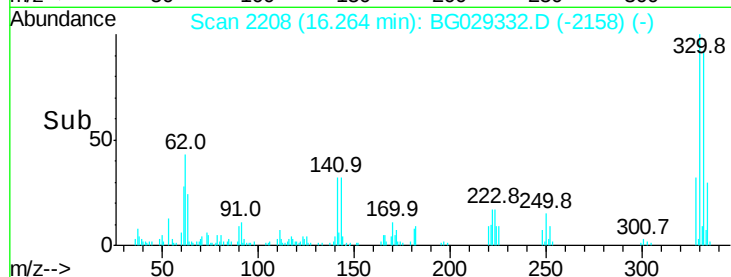
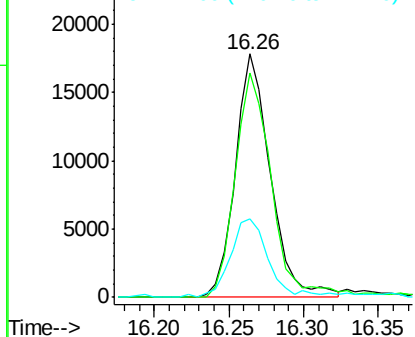
Tot Ion:	330	Resp:	29035
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.0	115.6
141	34.8	25.2	37.8

Manual Integrations
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 10.185 ng

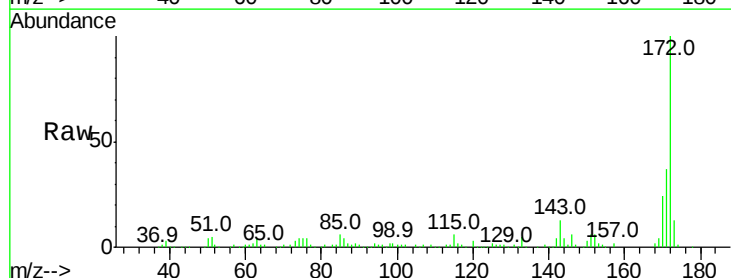
RT: 13.41 min Scan# 1722

Delta R.T. -0.01 min

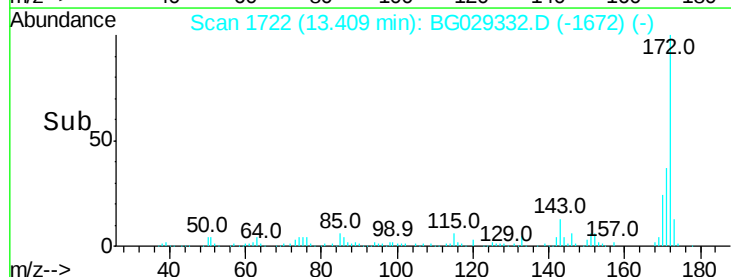
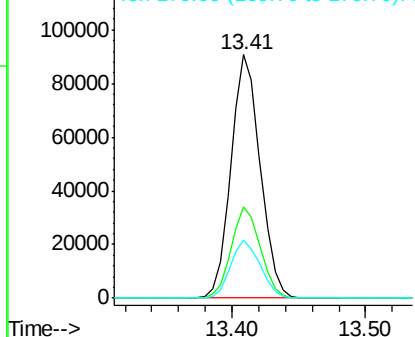
Lab File: BG029332.D

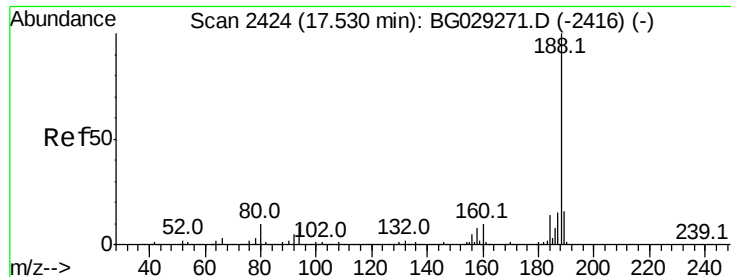
Acq: 18 Oct 2017 13:49

Tgt Ion:	172	Resp:	138063
Ion Ratio	Lower	Upper	
172	100		
171	37.5	30.0	45.0
170	23.6	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





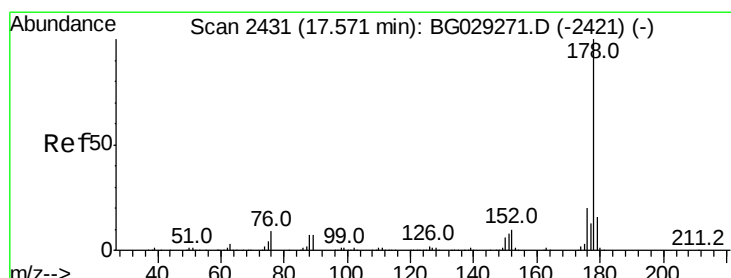
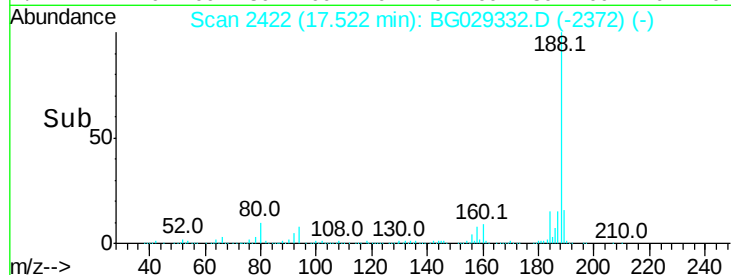
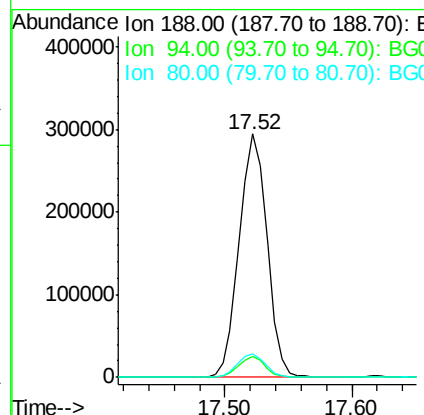
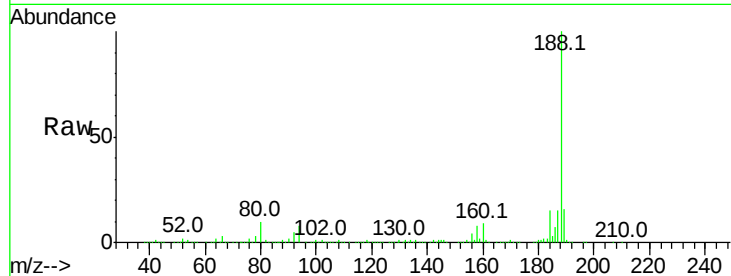
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029332.D
Acq: 18 Oct 2017 13:49

Instrument :
BNA_G
ClientSampleId :
WH-TWS-03DL

Tot Ion	Ratio	Resp	Lower	Upper
188	100	447145		
94	8.5	6.9	10.3	
80	9.9	7.7	11.5	

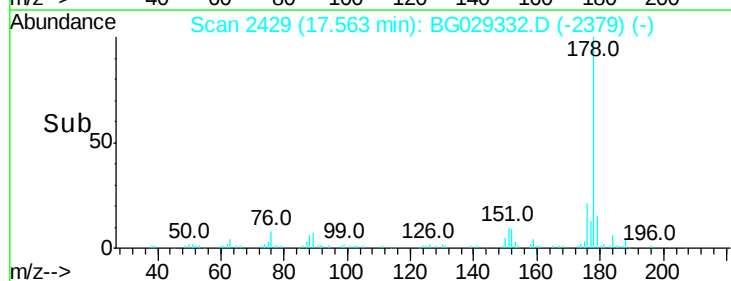
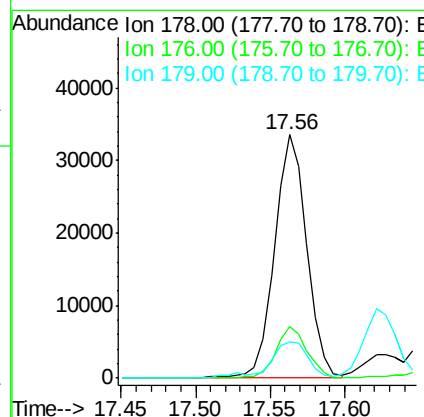
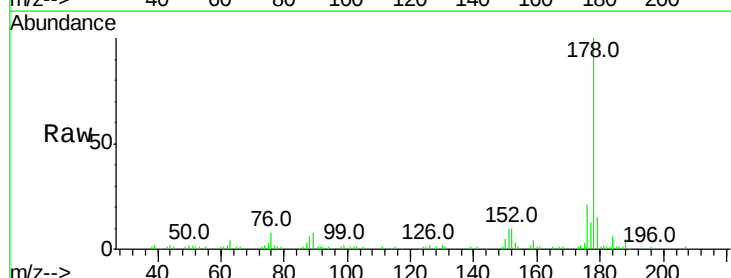
Manual Integrations
APPROVED

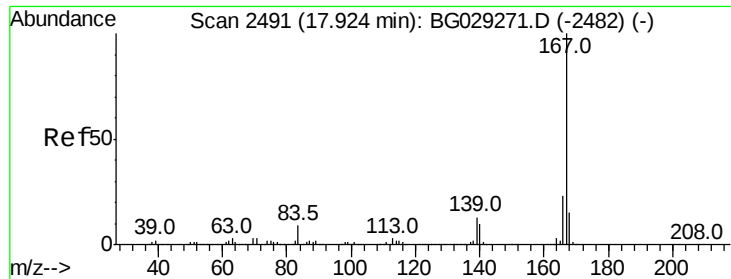
Sohil
10/18/2017 7:29:04 PM



#70
Phenanthrene
Concen: 2.186 ng
RT: 17.56 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG029332.D
Acq: 18 Oct 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	50490		
176	21.1	15.7	23.5	
179	14.8	12.5	18.7	





#72

Carbazole

Concen: 4.644 ng

RT: 17.92 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BG029332.D

Acq: 18 Oct 2017 13:49

Instrument :

BNA_G

ClientSampleId :

WH-TWS-03DL

Tot Ion:167 Resp: 103469

Ion Ratio Lower Upper

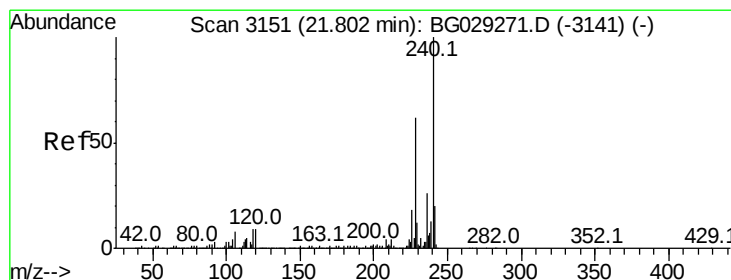
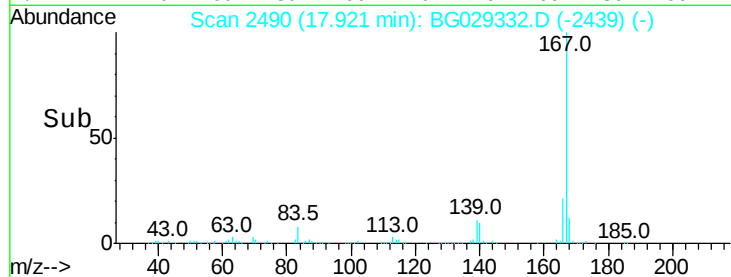
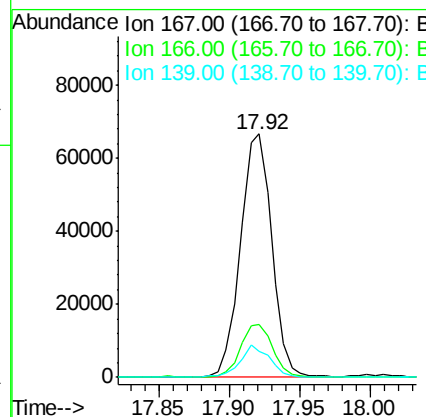
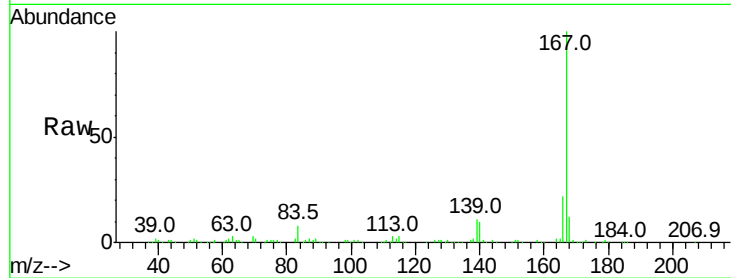
167 100

166 21.7 18.2 27.4

139 10.9 9.4 14.2

Manual Integrations
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10/18/2017 7:29:04 PM



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029332.D

Acq: 18 Oct 2017 13:49

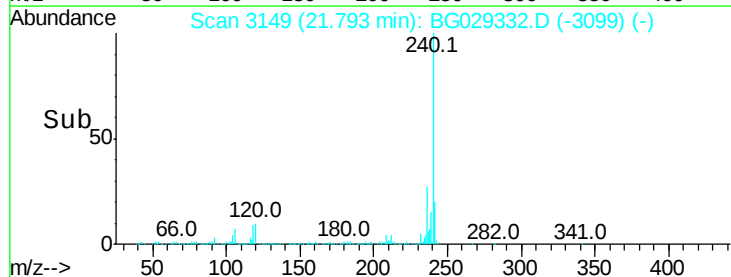
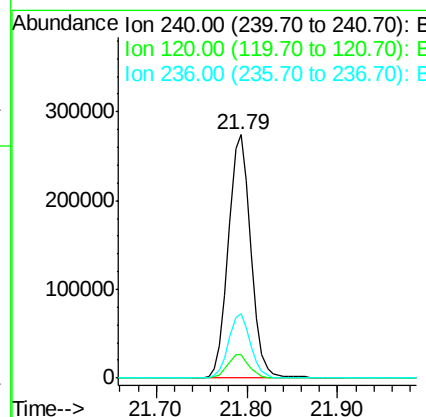
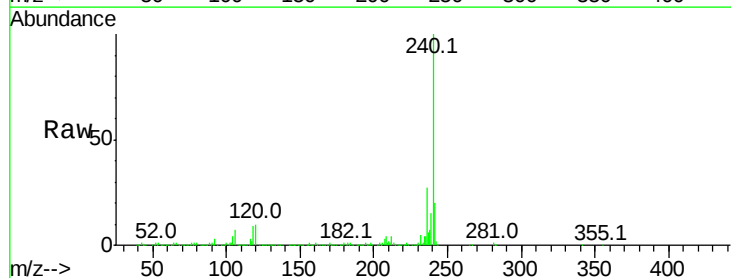
Tgt Ion:240 Resp: 471202

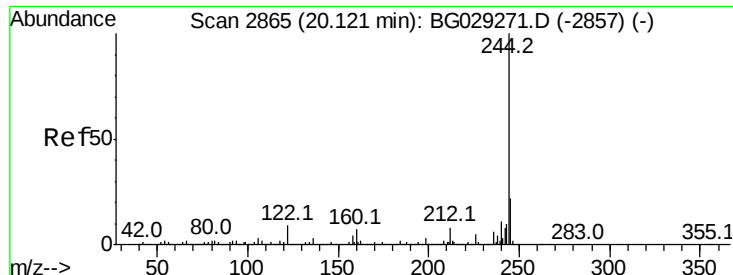
Ion Ratio Lower Upper

240 100

120 9.7 6.8 10.2

236 26.6 20.9 31.3





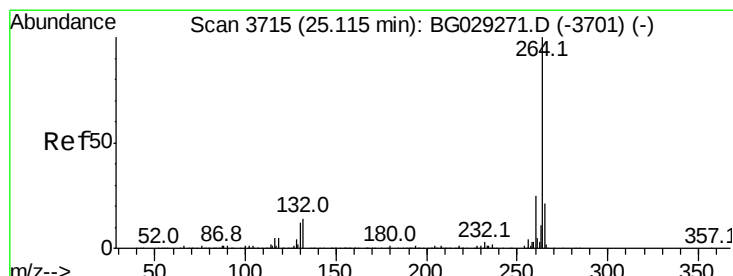
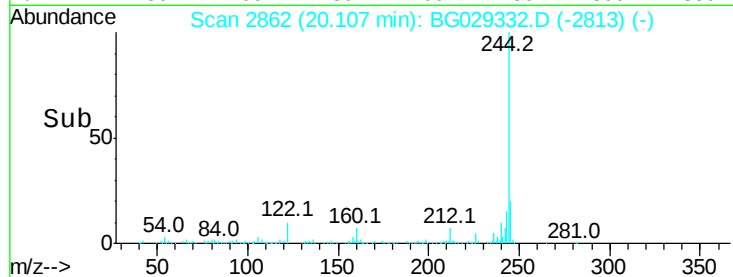
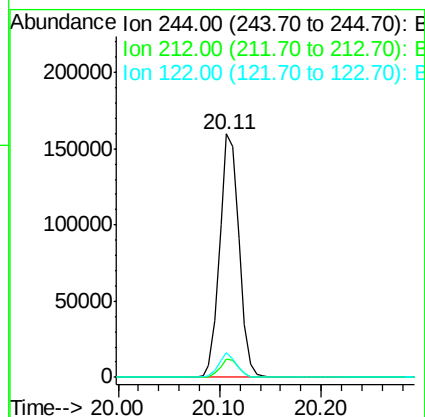
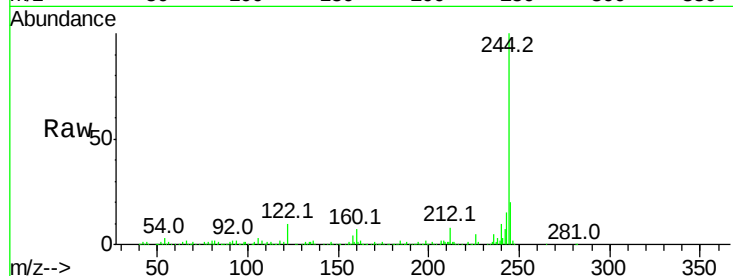
#78
 Terphenyl-d14
 Concen: 10.196 ng
 RT: 20.11 min Scan# 2862
 Delta R.T. -0.01 min
 Lab File: BG029332.D
 Acq: 18 Oct 2017 13:49

Instrument :
 BNA_G
 ClientSampleId :
 WH-TWS-03DL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	10.1	7.0	10.4

Manual Integrations
 APPROVED

Sohil
 10/18/2017 7:29:04 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3712
 Delta R.T. -0.01 min
 Lab File: BG029332.D
 Acq: 18 Oct 2017 13:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	20.7	17.7	26.5

