

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030568.D
 Acq On : 29 Oct 2017 19:23
 Operator : SJ/JU
 Sample : I6169-02
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-102617

Manual Integrations
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Quant Time: Oct 30 08:27:19 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	8.16	152	72196	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	307704	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	205186	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	518124	20.00	ng	0.00
75) Chrysene-d12	21.80	240	558099	20.00	ng	0.00
86) Perylene-d12	25.11	264	549345	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	657943	152.24	ng	0.00
7) Phenol-d6	7.32	99	784110	129.26	ng	0.00
23) Nitrobenzene-d5	9.33	82	554235	114.46	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	400142	151.04	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1454410	103.96	ng	0.00
78) Terphenyl-d14	20.12	244	2354734	95.98	ng	0.00
Target Compounds						
31) Naphthalene	11.03	128	183905	11.992	ng	98
37) 2-Methylnaphthalene	12.62	142	36309	3.249	ng	93
51) Acenaphthene	14.84	154	28188	2.152	ng	93
54) Dibenzofuran	15.18	168	40083	2.143	ng	97
57) Fluorene	15.83	166	32271	2.089	ng	91
70) Phenanthrene	17.57	178	80988	3.026	ng	99
72) Carbazole	17.92	167	68437	2.651	ng	98

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

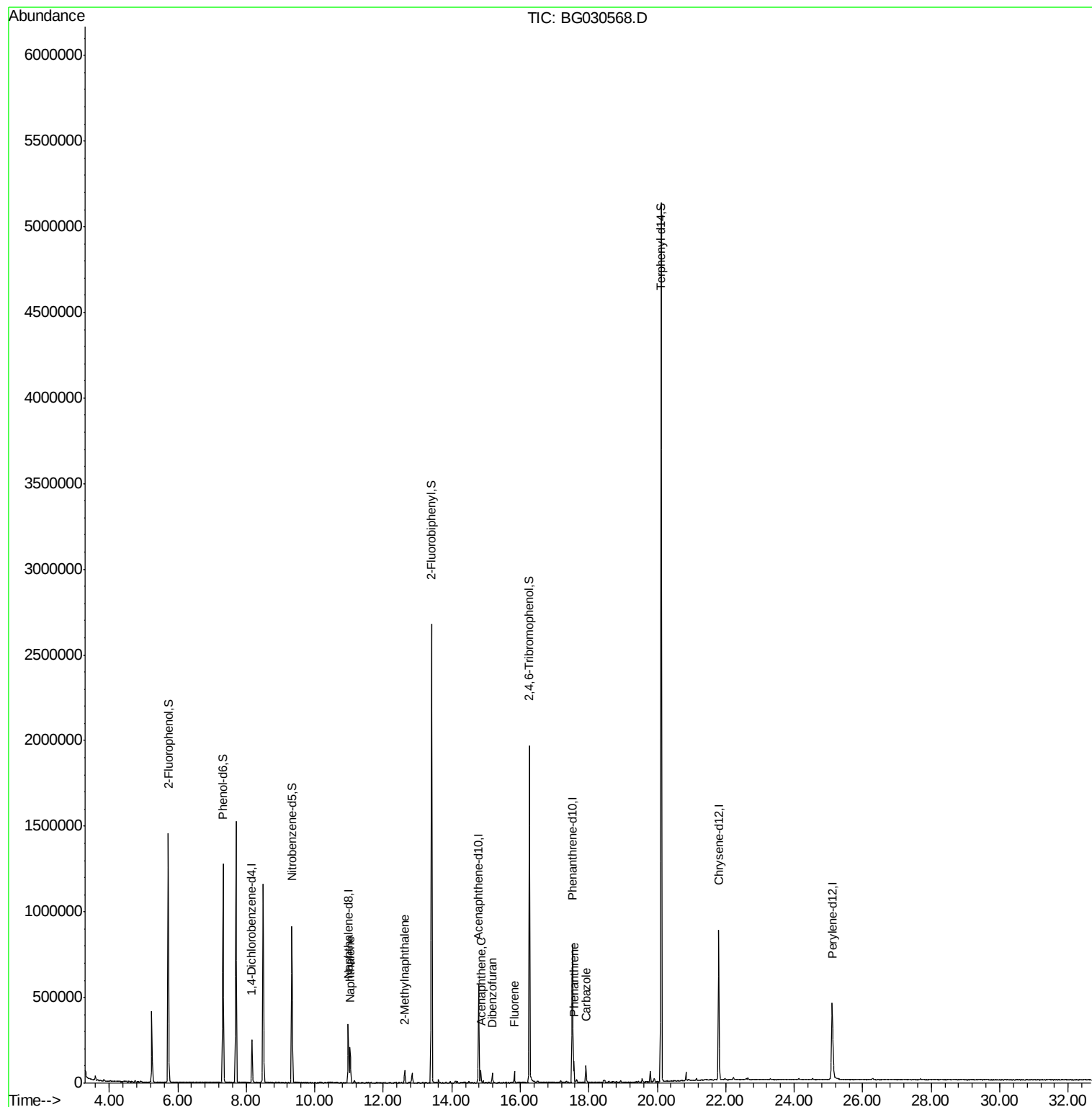
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
Data File : BG030568.D
Acq On : 29 Oct 2017 19:23
Operator : SJ/JU
Sample : I6169-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

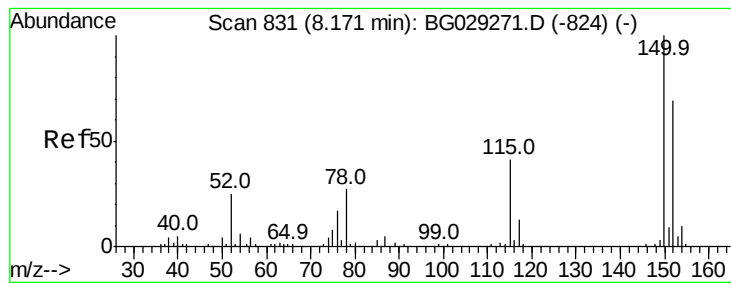
Instrument :
BNA_G
ClientSampleId :
SU-04-102617

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Quant Time: Oct 30 08:27:19 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





#1

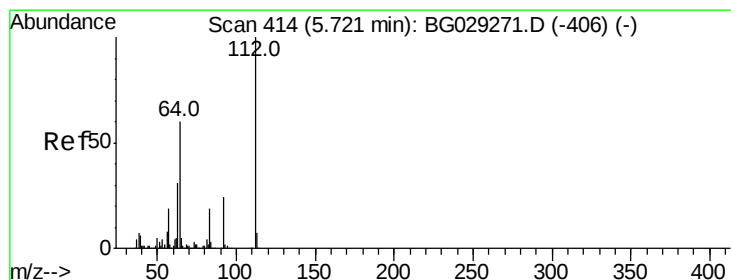
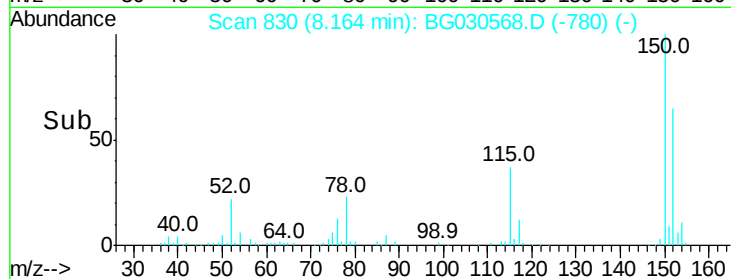
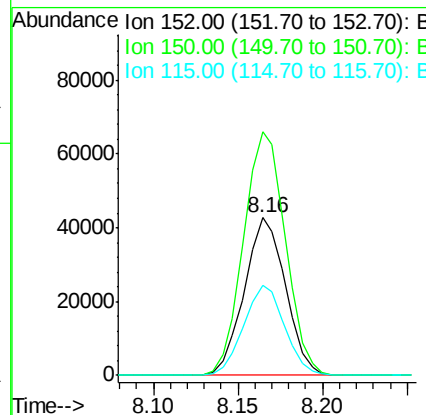
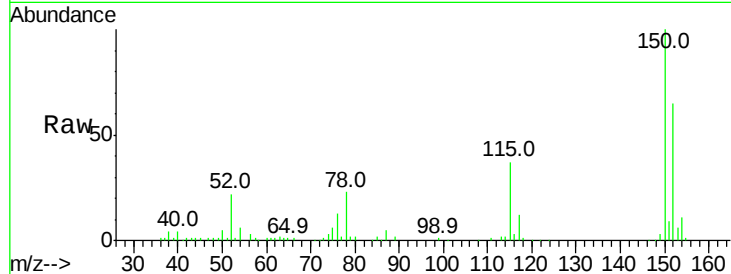
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030568.D
Acq: 29 Oct 2017 19:23

Instrument :
BNA_G
ClientSampleId :
SU-04-102617

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.6	189.8
115	56.9	53.0	79.4

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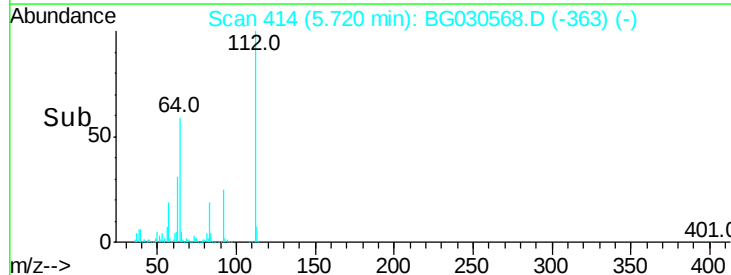
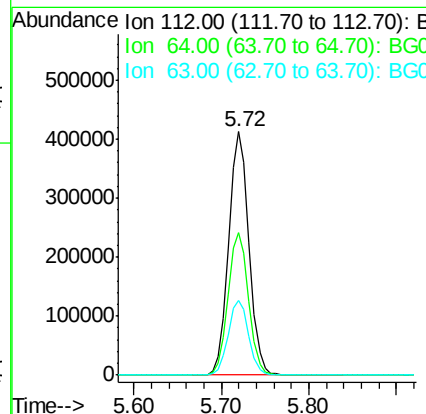
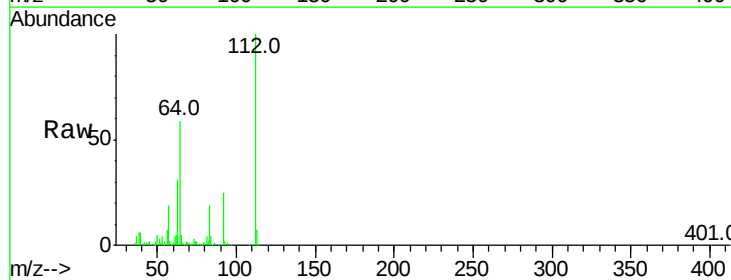
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#5

2-Fluorophenol
Concen: 152.242 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030568.D
Acq: 29 Oct 2017 19:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	56.3	84.5
63	30.9	30.1	45.1





#7

Phenol-d6

Concen: 129.260 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG030568.D

Acq: 29 Oct 2017 19:23

Instrument :

BNA_G

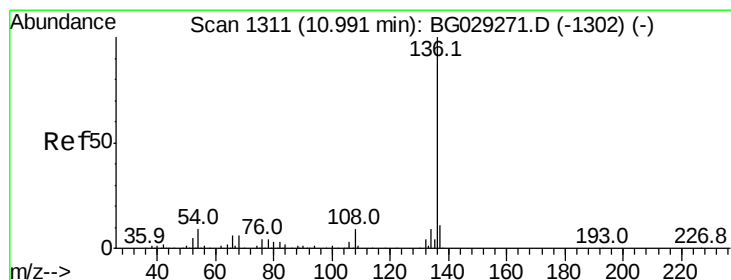
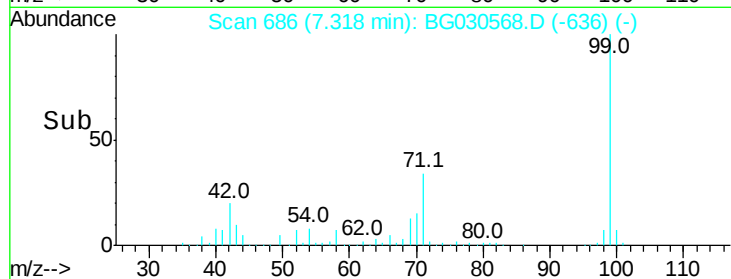
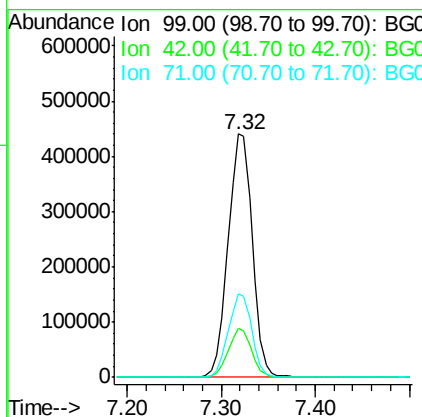
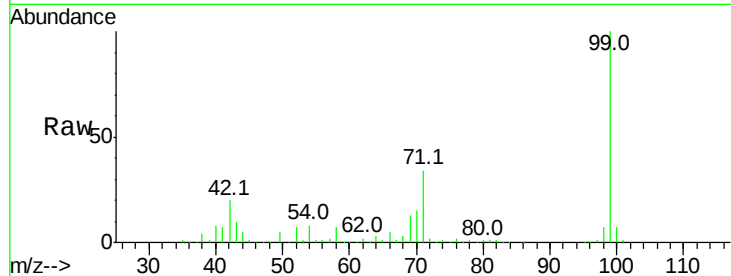
ClientSampleId :

SU-04-102617

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		784110		
42	20.1	14.1	21.1		
71	34.2	26.1	39.1		

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#21

Naphthalene-d8

Concen: 20.000 ng

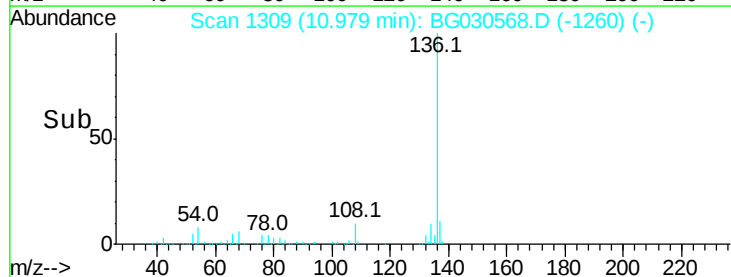
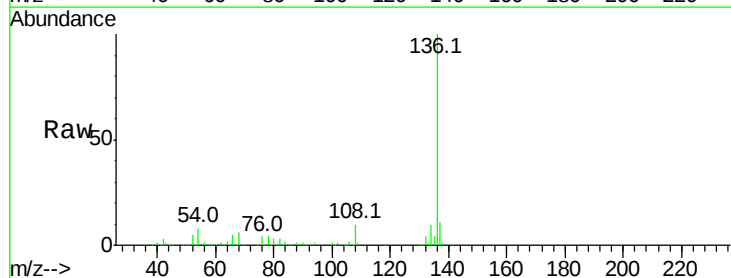
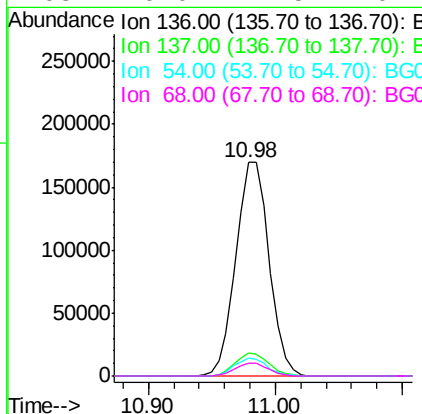
RT: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG030568.D

Acq: 29 Oct 2017 19:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		307704		
137	11.1	9.2	13.8		
54	8.4	10.3	15.5		
68	6.0	4.5	6.7		





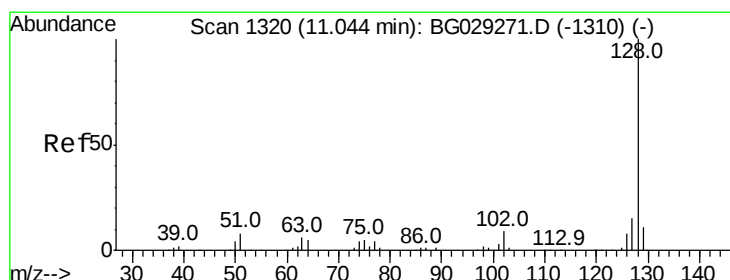
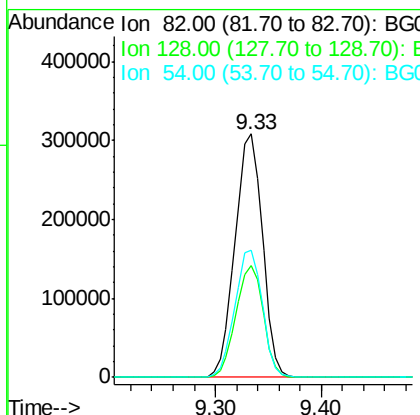
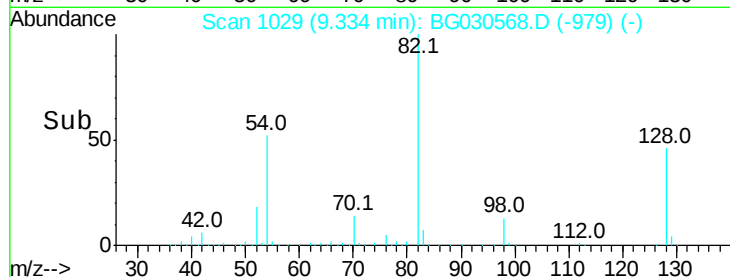
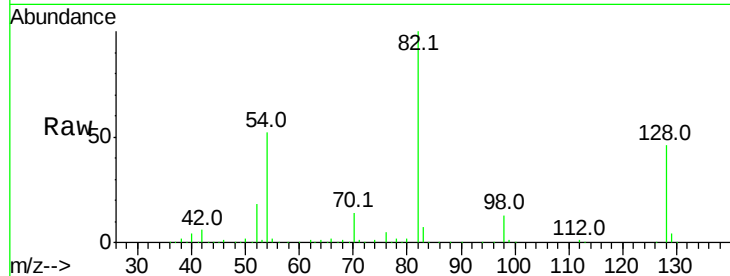
#23
Nitrobenzene-d5
Concen: 114.461 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG030568.D
Acq: 29 Oct 2017 19:23

Instrument :
BNA_G
ClientSampleId :
SU-04-102617

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.0	29.7	44.5#	
54	52.3	43.1	64.7	

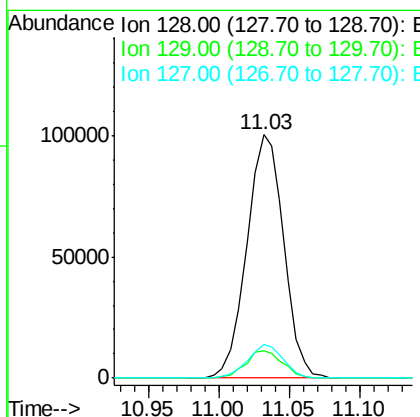
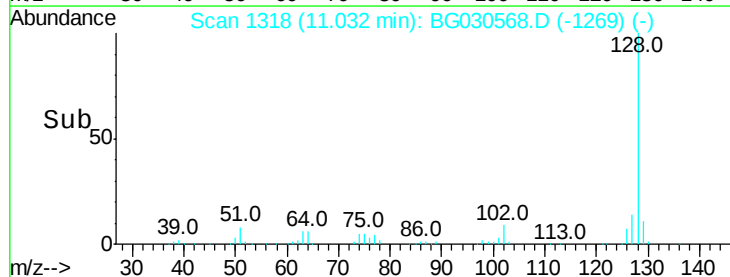
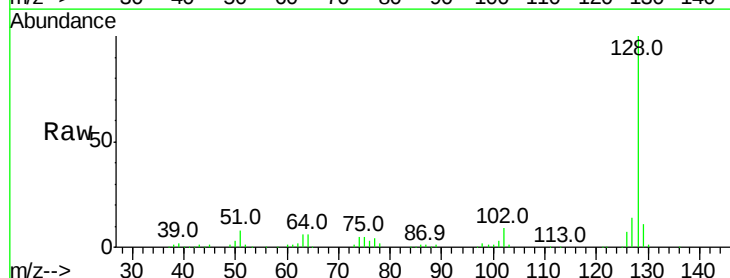
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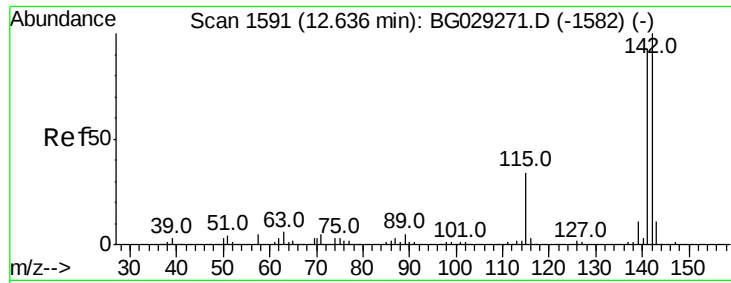
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#31
Naphthalene
Concen: 11.992 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG030568.D
Acq: 29 Oct 2017 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	8.6	12.8	
127	13.6	11.6	17.4	





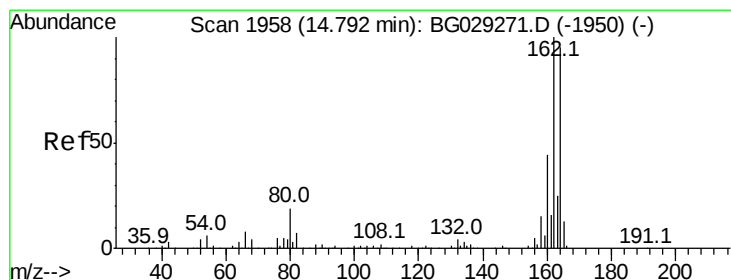
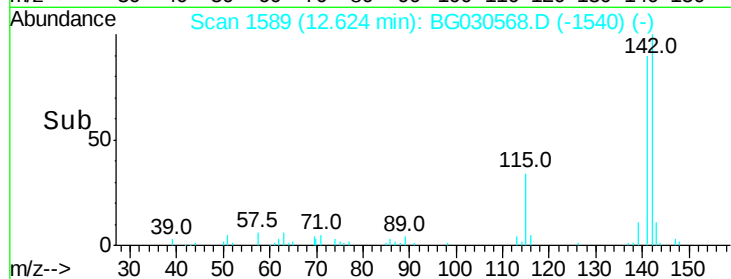
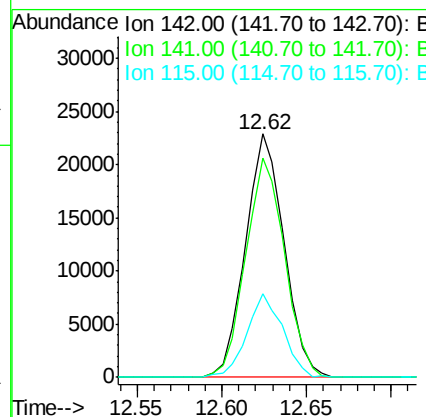
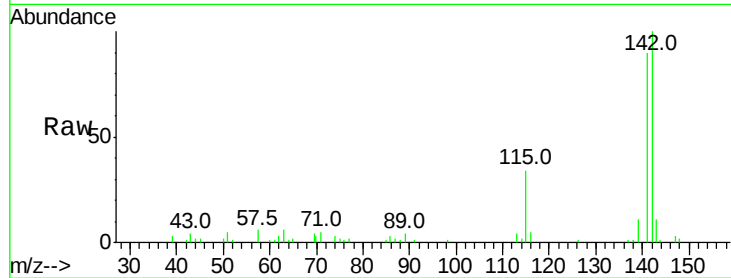
#37
2-Methylnaphthalene
Concen: 3.249 ng
RT: 12.62 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG030568.D
Acq: 29 Oct 2017 19:23

Instrument :
BNA_G
ClientSampleId :
SU-04-102617

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	67.1	100.7
115	34.3	30.7	46.1

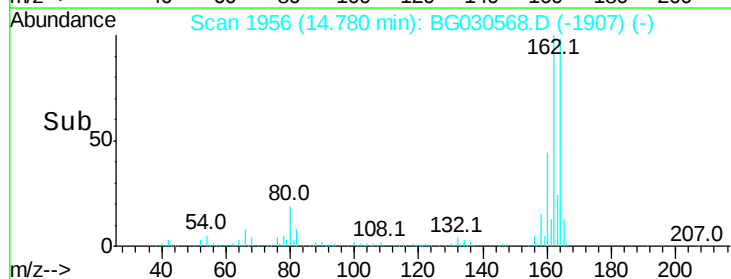
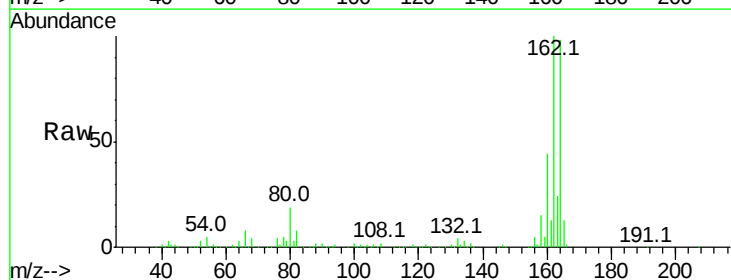
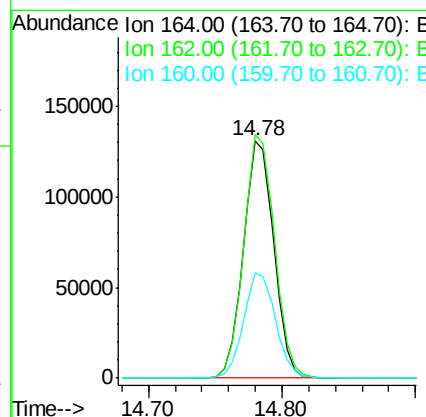
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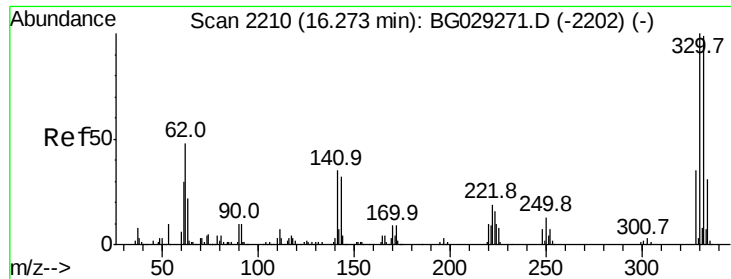
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG030568.D
Acq: 29 Oct 2017 19:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	78.8	118.2
160	44.6	35.4	53.0





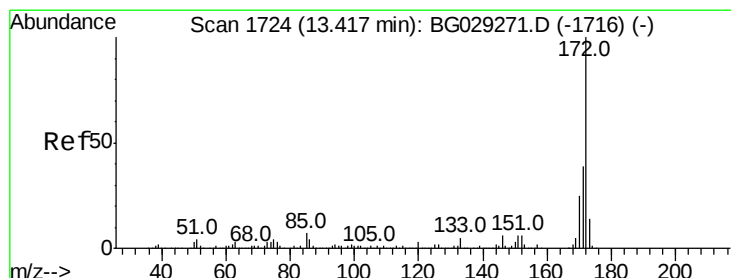
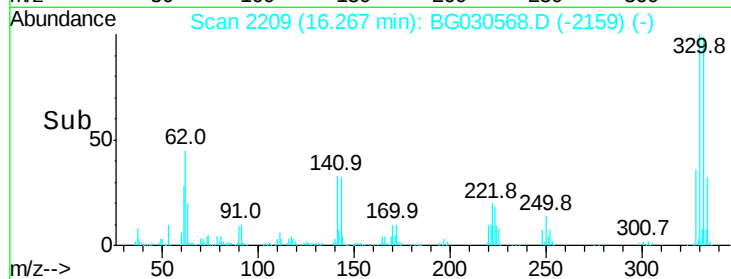
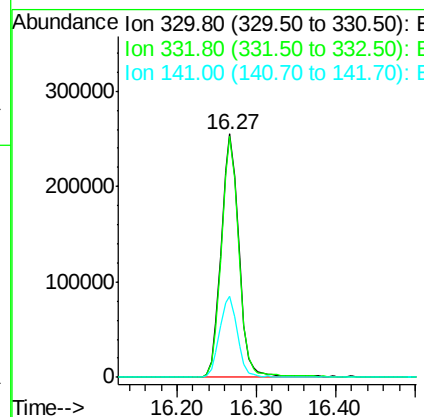
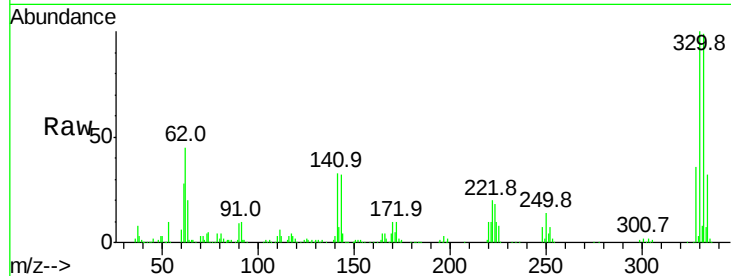
#41
 2,4,6-Tribromophenol
 Concen: 151.045 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG030568.D
 Acq: 29 Oct 2017 19:23

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-102617

Tot Ion	Ratio	Resp	Lower	Upper
330	100	400142		
332	97.2	77.0	115.6	
141	33.3	25.2	37.8	

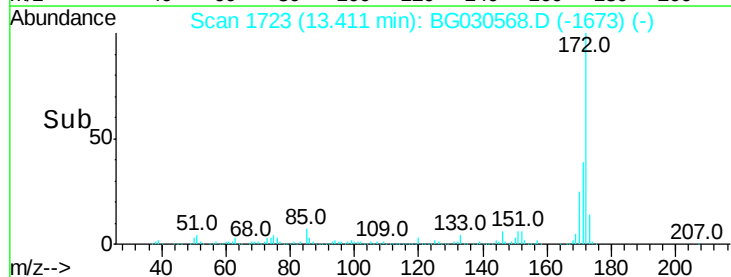
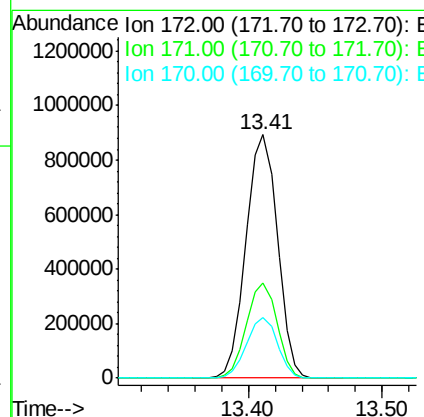
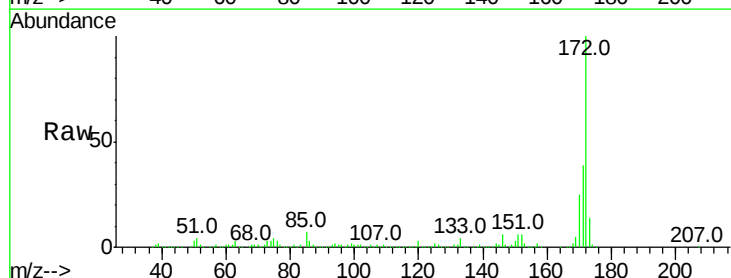
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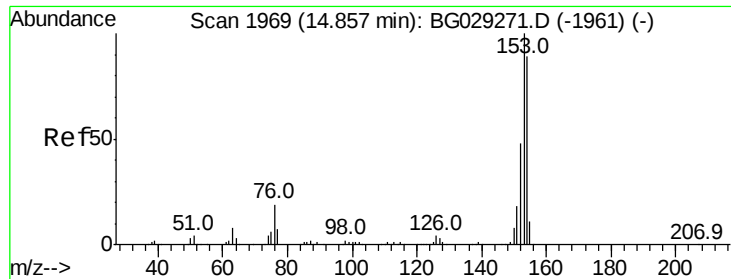
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#44
 2-Fluorobiphenyl
 Concen: 103.960 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030568.D
 Acq: 29 Oct 2017 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1454410		
171	39.3	30.0	45.0	
170	25.1	19.5	29.3	





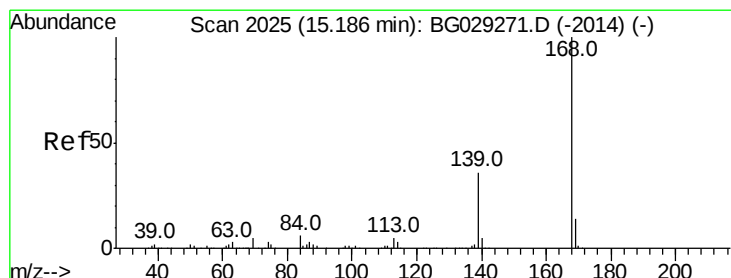
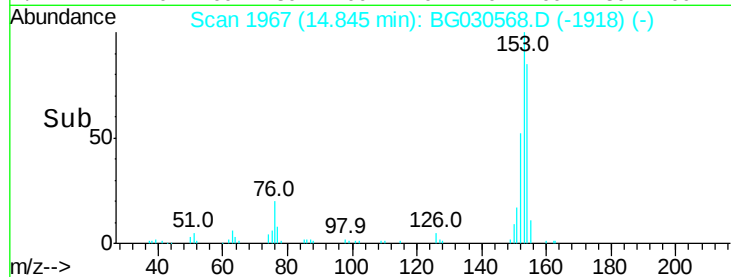
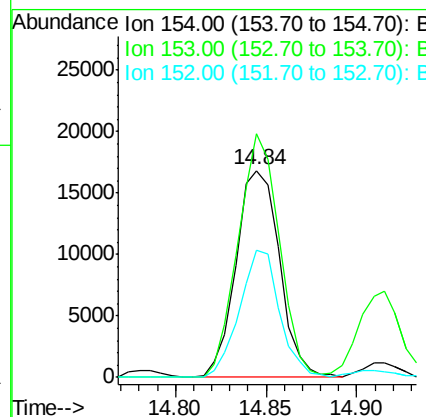
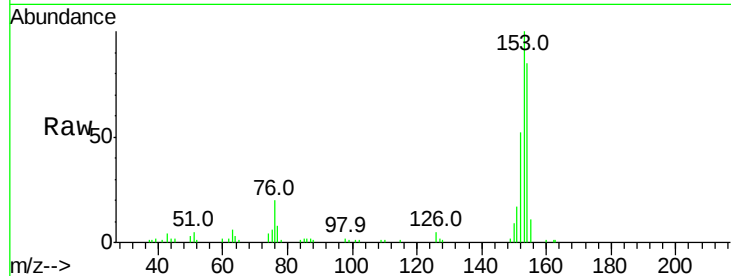
#51
Acenaphthene
Concen: 2.152 ng
RT: 14.84 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG030568.D
Acq: 29 Oct 2017 19:23

Instrument :
BNA_G
ClientSampled :
SU-04-102617

Tot Ion	Ratio	Lower	Upper
154	100		
153	117.6	90.4	135.6
152	61.2	41.6	62.4

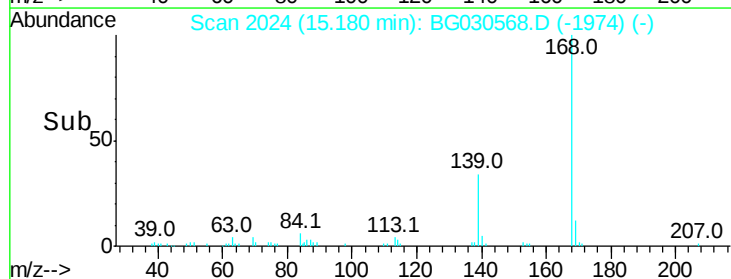
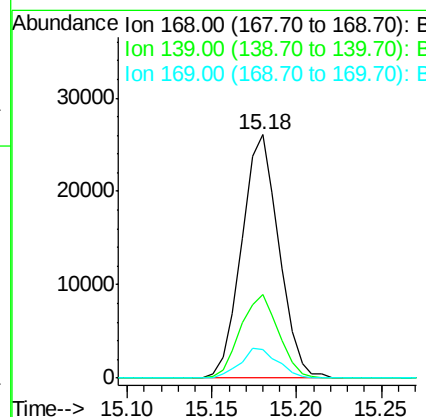
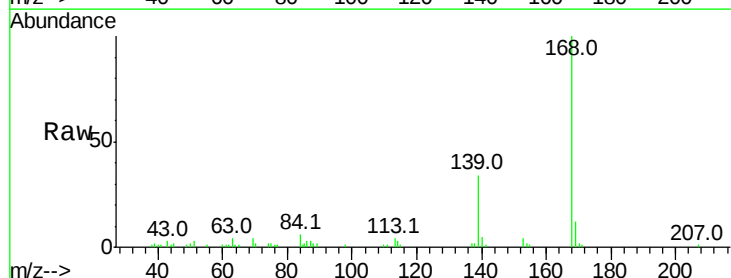
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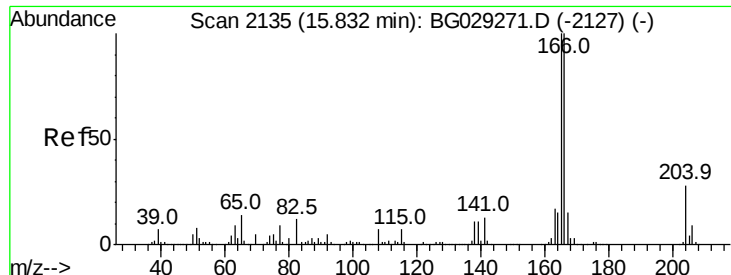
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#54
Dibenzofuran
Concen: 2.143 ng
RT: 15.18 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG030568.D
Acq: 29 Oct 2017 19:23

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.3	28.6	43.0
169	11.8	11.2	16.8





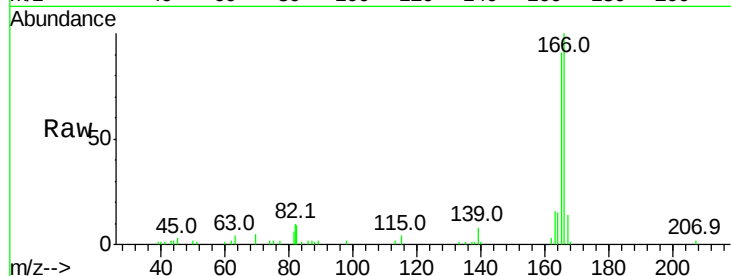
#57
 Fluorene
 Concen: 2.089 ng
 RT: 15.83 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BG030568.D
 Acq: 29 Oct 2017 19:23

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-102617

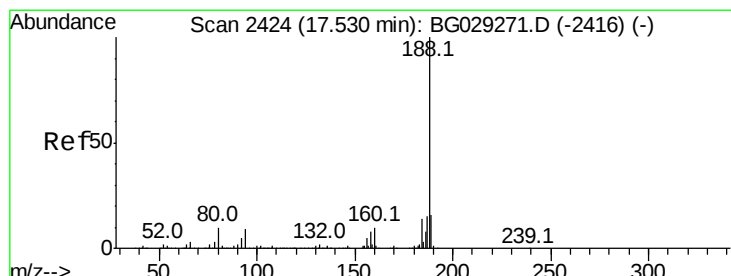
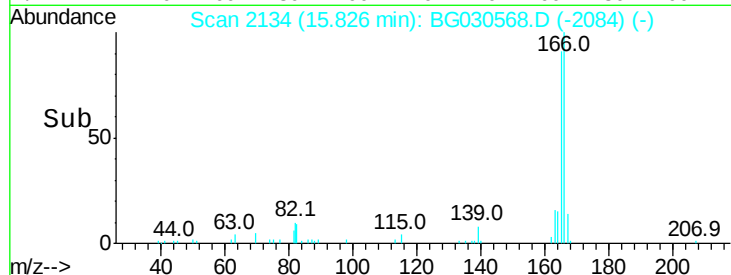
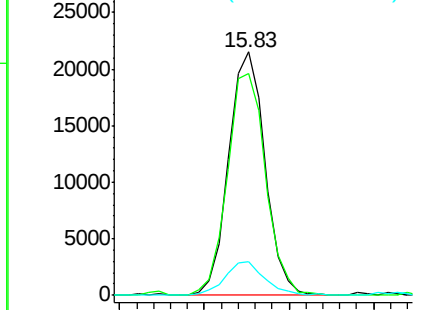
Tot Ion	Ratio	Lower	Upper
166	100		
165	91.3	80.6	121.0
167	13.8	10.4	15.6

Manual Integrations
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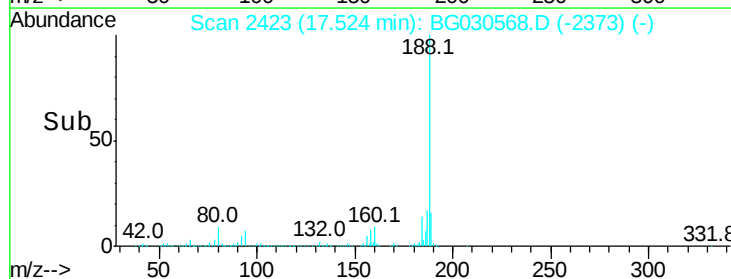
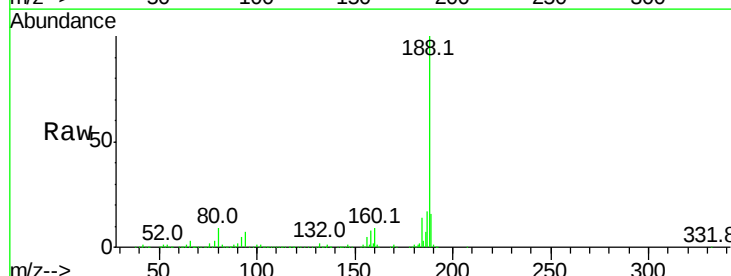
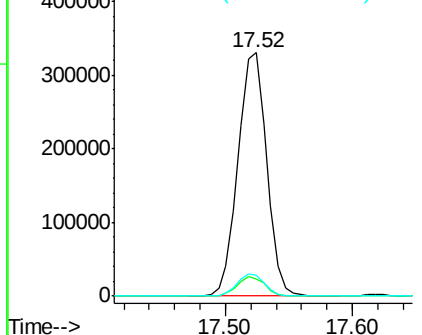
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 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

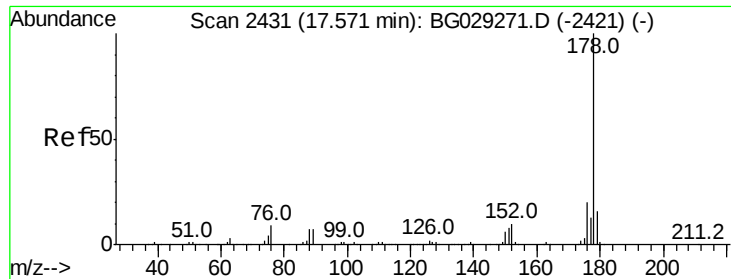


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG030568.D
 Acq: 29 Oct 2017 19:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	8.6	7.7	11.5

Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC





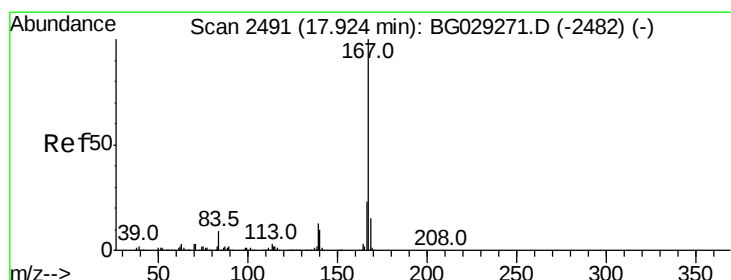
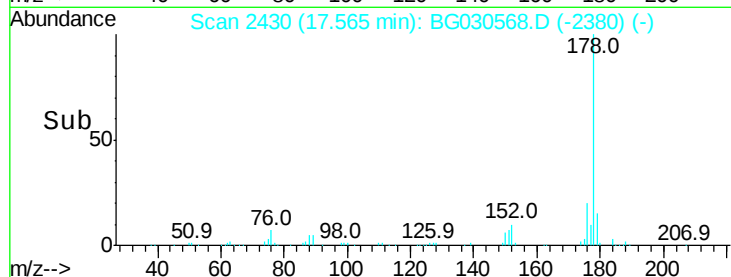
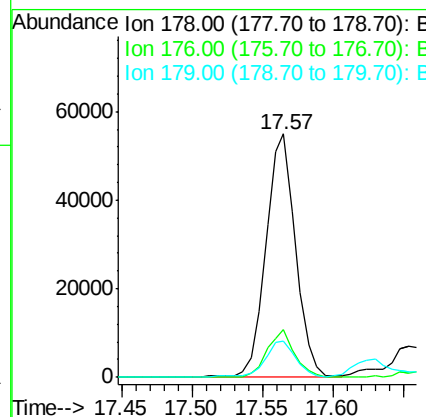
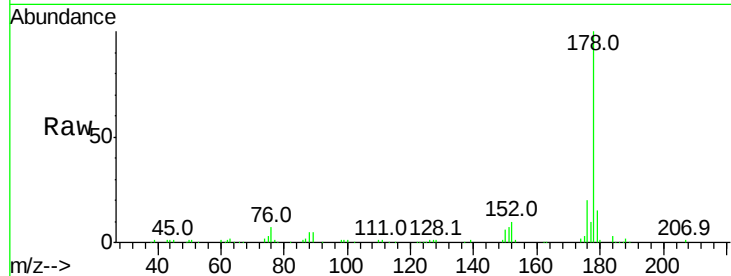
#70
Phenanthrene
Concen: 3.026 ng
RT: 17.57 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG030568.D
Acq: 29 Oct 2017 19:23

Instrument :
BNA_G
ClientSampleId :
SU-04-102617

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	14.8	12.5	18.7

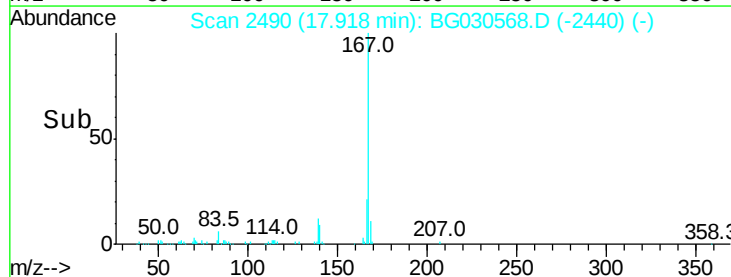
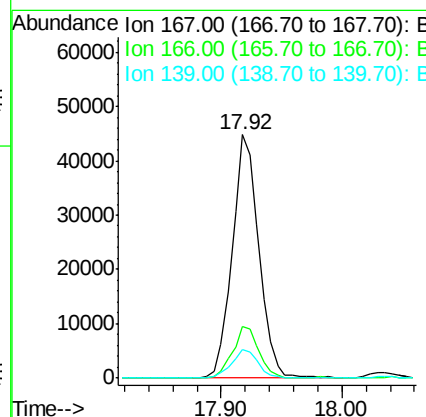
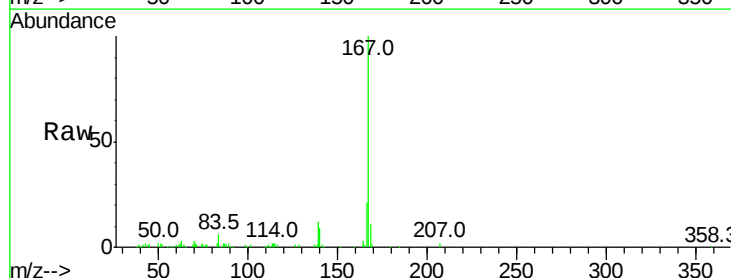
Manual Integrations
APPROVED

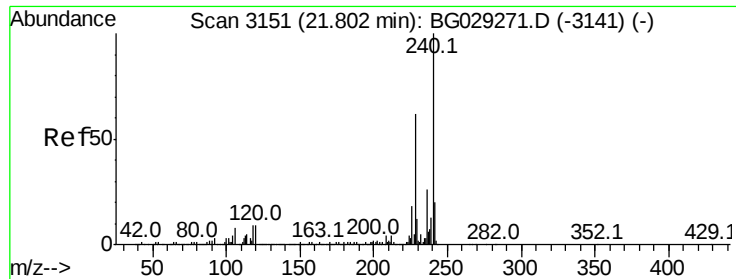
Sohil
10/30/2017 6:26:32 PM



#72
Carbazole
Concen: 2.651 ng
RT: 17.92 min Scan# 2490
Delta R.T. -0.01 min
Lab File: BG030568.D
Acq: 29 Oct 2017 19:23

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	18.2	27.4
139	11.6	9.4	14.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG030568.D

Acq: 29 Oct 2017 19:23

Instrument :

BNA_G

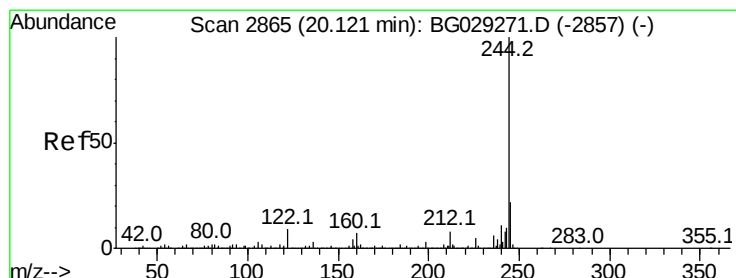
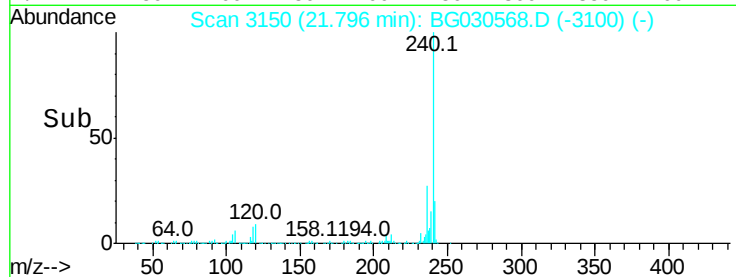
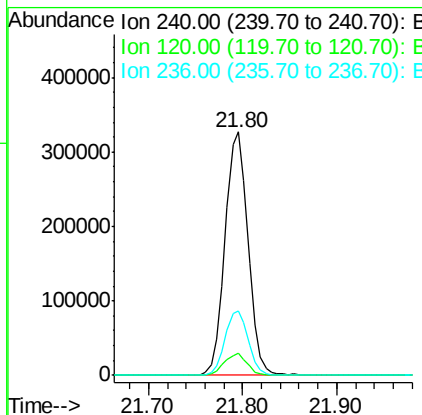
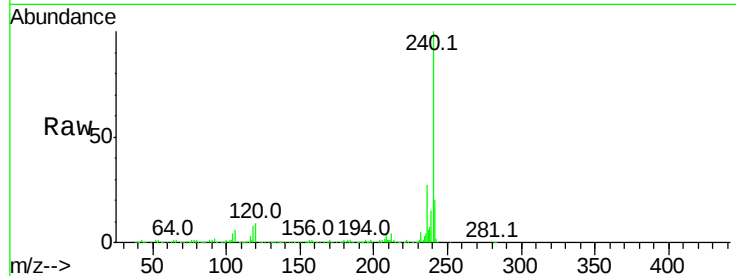
ClientSampleId :

SU-04-102617

Tot Ion:	240	Resp:	558099
Ion Ratio	Lower	Upper	
240	100		
120	8.9	6.8	10.2
236	26.6	20.9	31.3

Manual Integrations
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#78

Terphenyl-d14

Concen: 95.984 ng

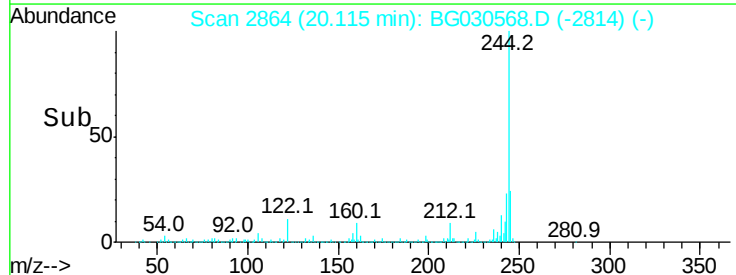
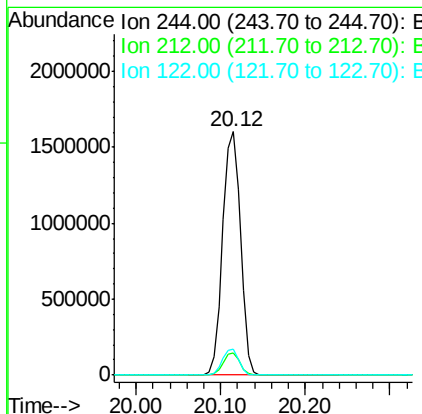
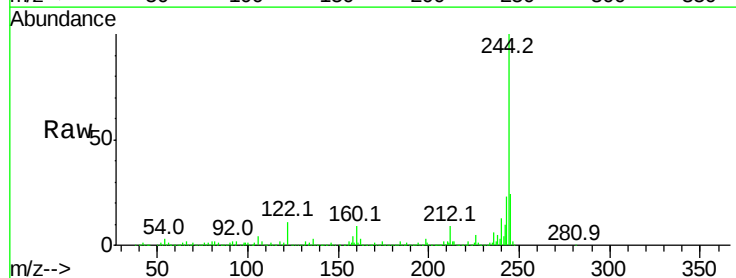
RT: 20.12 min Scan# 2864

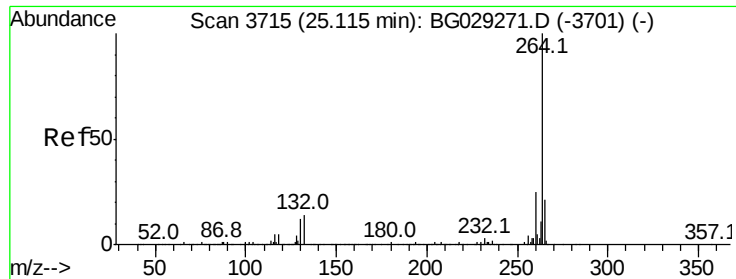
Delta R.T. -0.01 min

Lab File: BG030568.D

Acq: 29 Oct 2017 19:23

Tgt Ion:	244	Resp:	2354734
Ion Ratio	Lower	Upper	
244	100		
212	9.0	5.8	8.8#
122	10.6	7.0	10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.01 min
Lab File: BG030568.D
Acq: 29 Oct 2017 19:23

Instrument :
BNA_G
ClientSampleId :
SU-04-102617

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.9	17.4	26.0
265	22.3	17.7	26.5

Manual Integrations
APPROVED

Sohil
10/30/2017 6:26:32 PM

