

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
 Data File : BG029387.D
 Acq On : 21 Oct 2017 12:05
 Operator : SJ/JU
 Sample : I6018-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-101917

Manual Integrations
 APPROVED

Sohil
 10/23/2017 3:41:13 PM

Quant Time: Oct 21 23:02:43 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	52050	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	223529	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	148681	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	419417	20.00	ng	-0.01
75) Chrysene-d12	21.78	240	488495	20.00	ng	-0.02
86) Perylene-d12	25.09	264	493579	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	446353	143.26	ng	0.00
7) Phenol-d6	7.31	99	519441	118.77	ng	-0.01
23) Nitrobenzene-d5	9.33	82	372877	106.01	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	370413	192.96	ng	-0.01
44) 2-Fluorobiphenyl	13.41	172	1005762	99.21	ng	-0.01
78) Terphenyl-d14	20.11	244	2000123	93.15	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	11.03	128	818288	73.453	ng	98
37) 2-Methylnaphthalene	12.62	142	65955	8.123	ng	88
51) Acenaphthene	14.85	154	28157	2.966	ng	95
54) Dibenzofuran	15.17	168	60745	4.483	ng	100
57) Fluorene	15.82	166	33949	3.033	ng	93
70) Phenanthrene	17.56	178	59047	2.725	ng	98
76) Benzdine	19.73	184	37837	2.565	ng	95

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

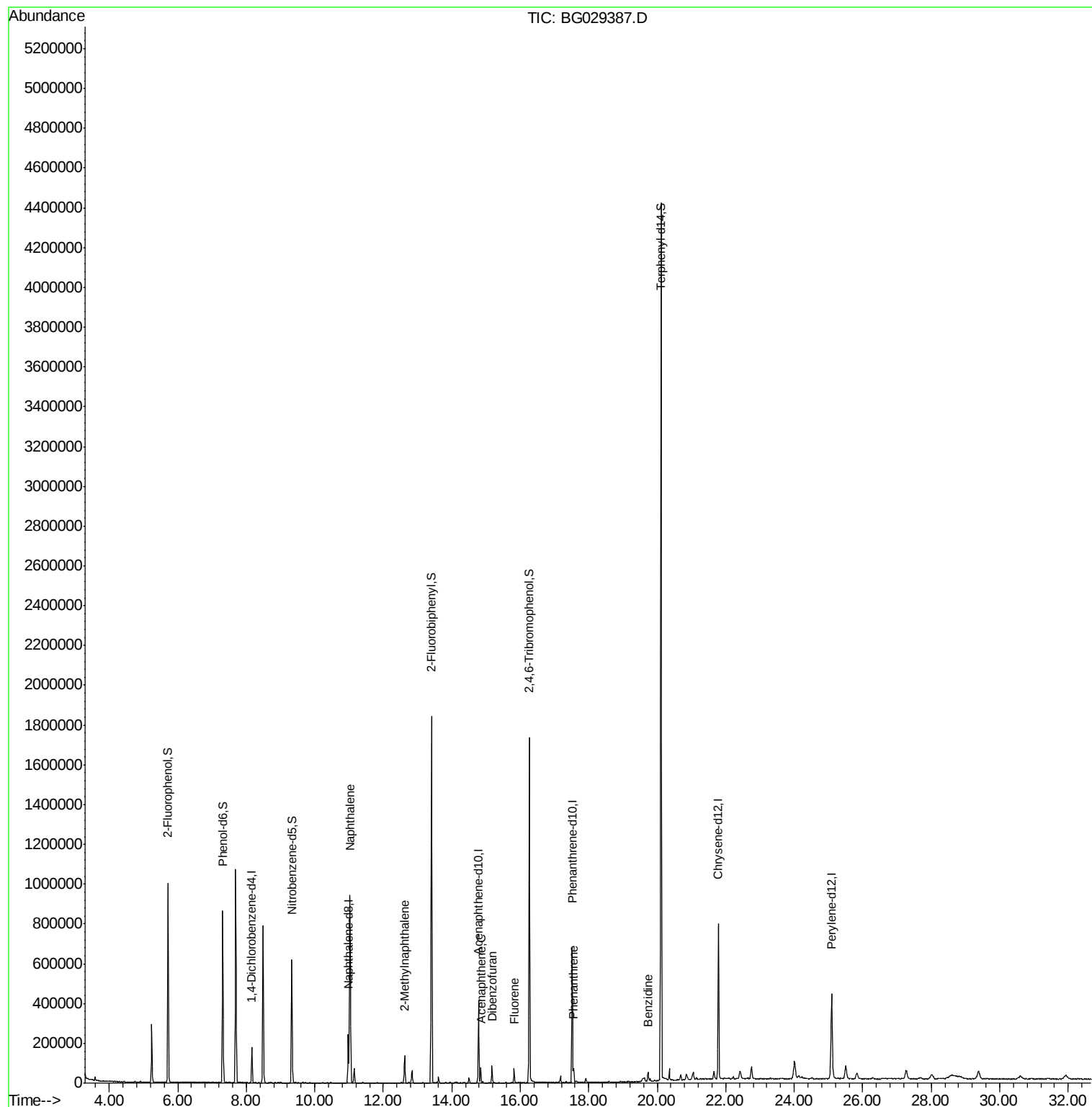
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
Data File : BG029387.D
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ALS Vial : 3 Sample Multiplier: 1

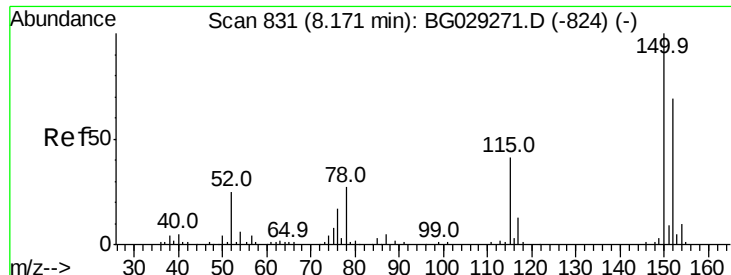
Instrument :
BNA_G
ClientSampleId :
TR-05-101917

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Quant Time: Oct 21 23:02:43 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

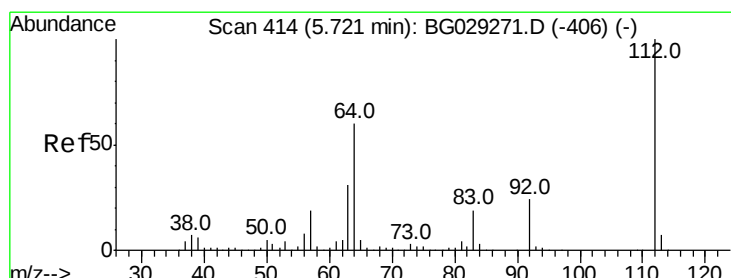
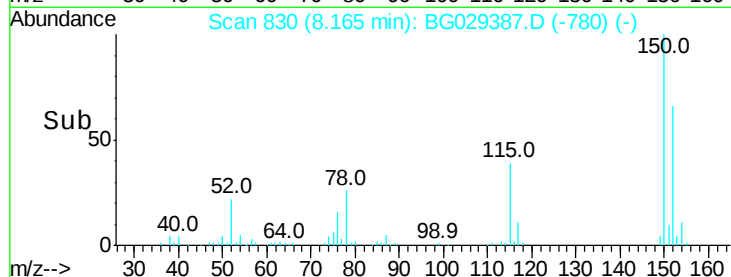
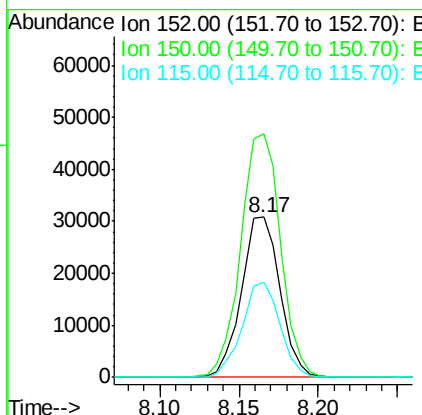
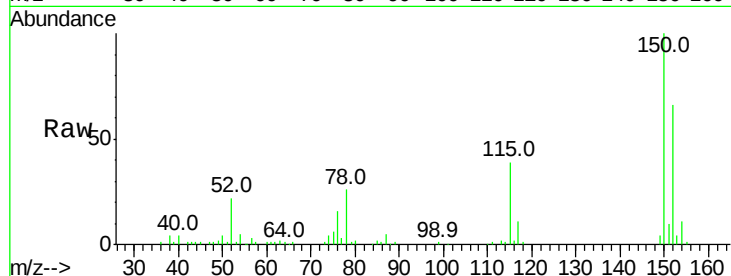
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG029387.D
Acq: 21 Oct 2017 12:05

Instrument :
BNA_G
ClientSampleId :
TR-05-101917

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.6	189.8
115	59.8	53.0	79.4

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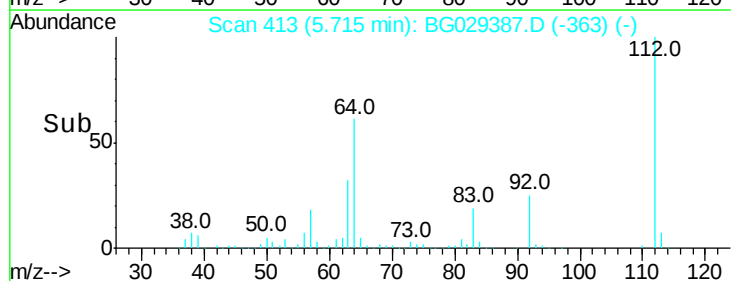
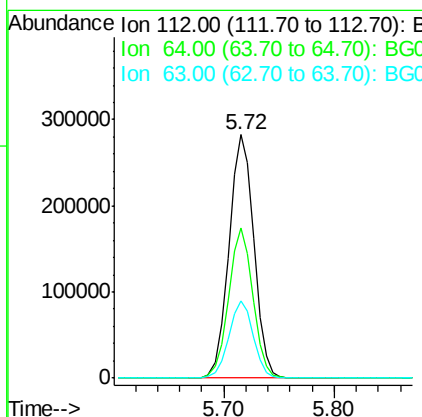
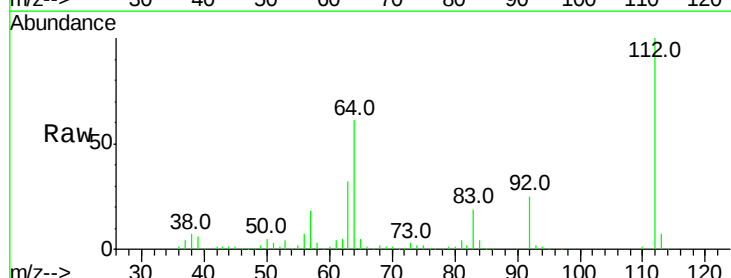
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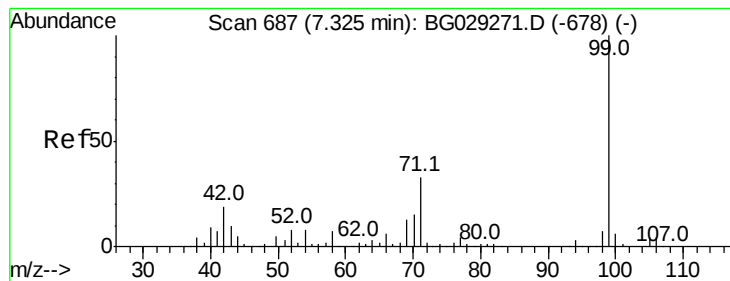


#5

2-Fluorophenol
Concen: 143.258 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029387.D
Acq: 21 Oct 2017 12:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	56.3	84.5
63	31.6	30.1	45.1





#7

Phenol-d6

Concen: 118.772 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG029387.D

Acq: 21 Oct 2017 12:05

Instrument :

BNA_G

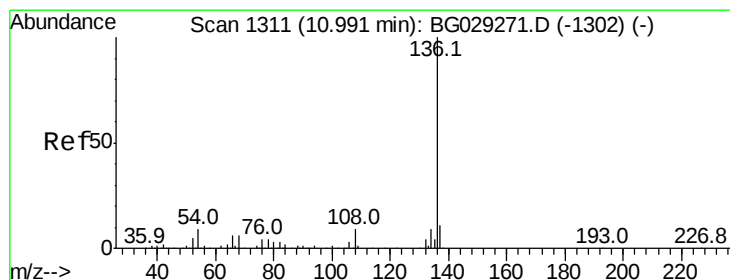
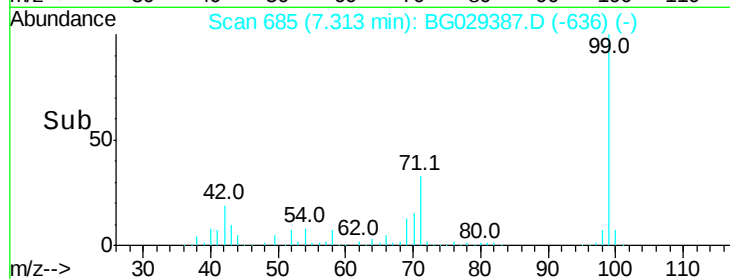
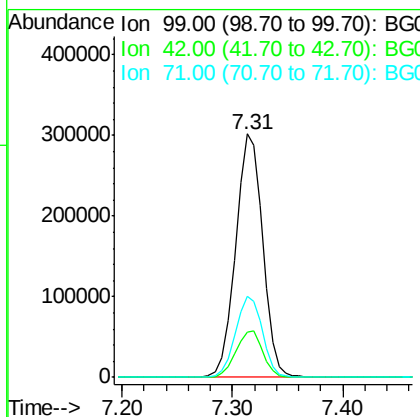
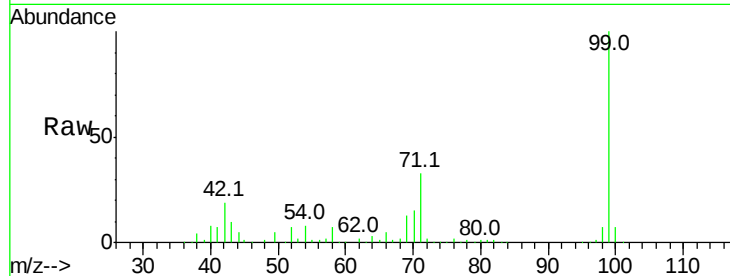
ClientSampleId :

TR-05-101917

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		519441		
42	18.8	14.1	21.1		
71	33.3	26.1	39.1		

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#21

Naphthalene-d8

Concen: 20.000 ng

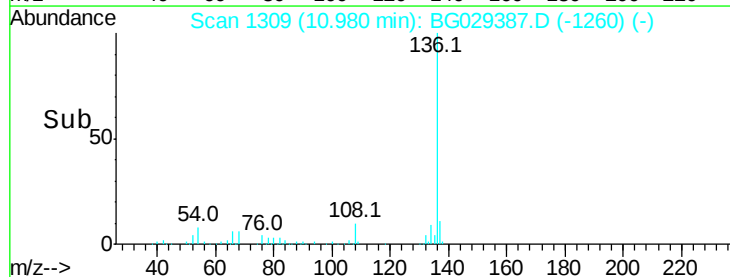
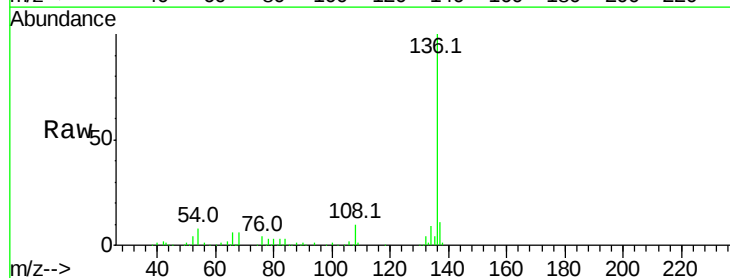
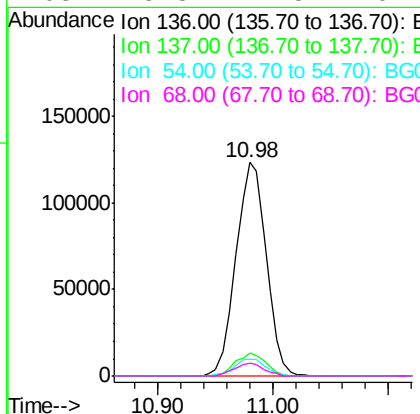
RT: 10.98 min Scan# 1309

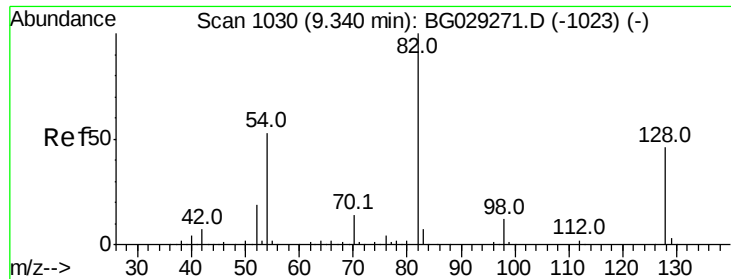
Delta R.T. -0.01 min

Lab File: BG029387.D

Acq: 21 Oct 2017 12:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		223529		
137	10.7	9.2	13.8		
54	7.9	10.3	15.5		
68	5.8	4.5	6.7		





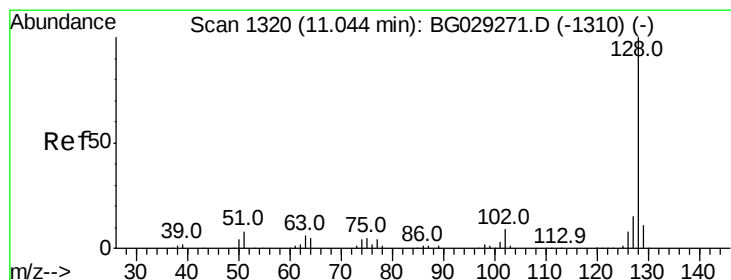
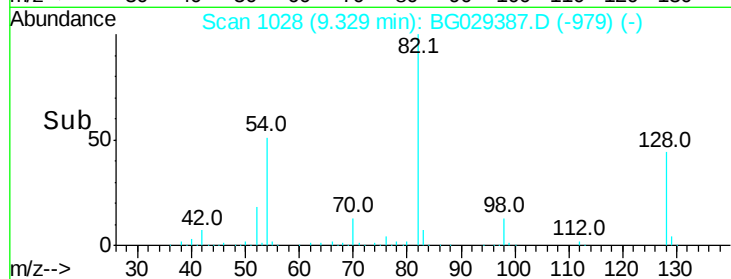
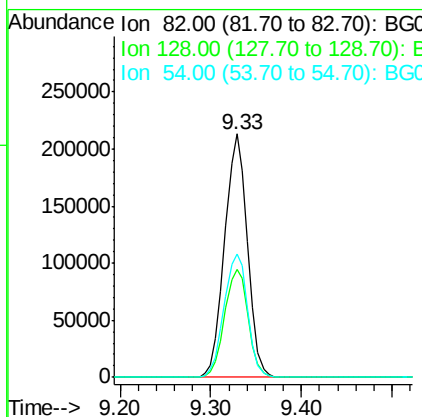
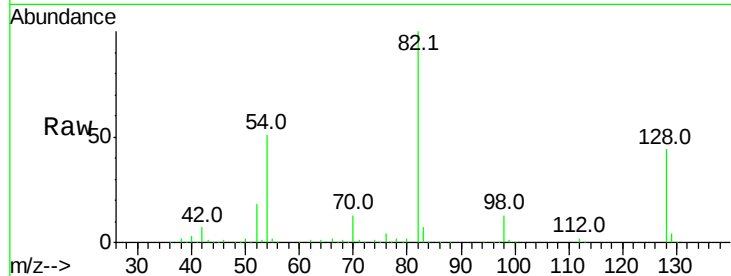
#23
Nitrobenzene-d5
Concen: 106.005 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029387.D
Acq: 21 Oct 2017 12:05

Instrument :
BNA_G
ClientSampleId :
TR-05-101917

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	29.7	44.5
54	50.7	43.1	64.7

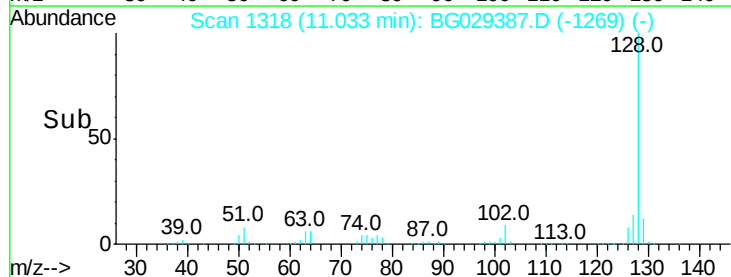
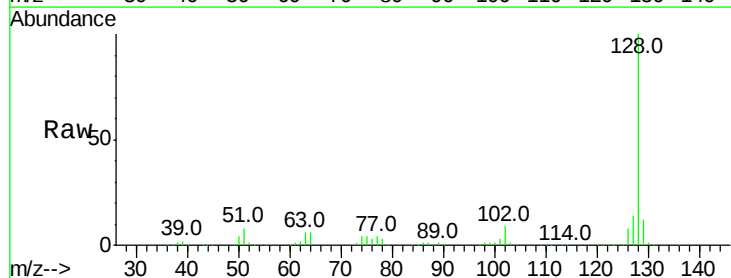
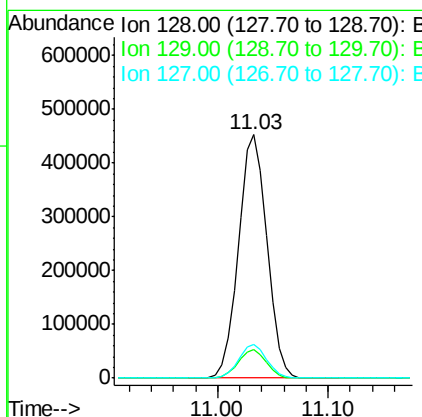
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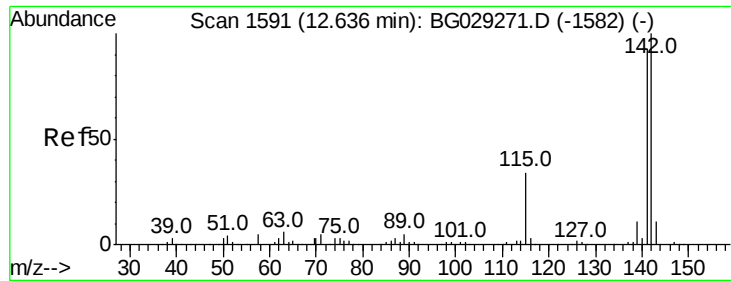
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#31
Naphthalene
Concen: 73.453 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG029387.D
Acq: 21 Oct 2017 12:05

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	13.7	11.6	17.4





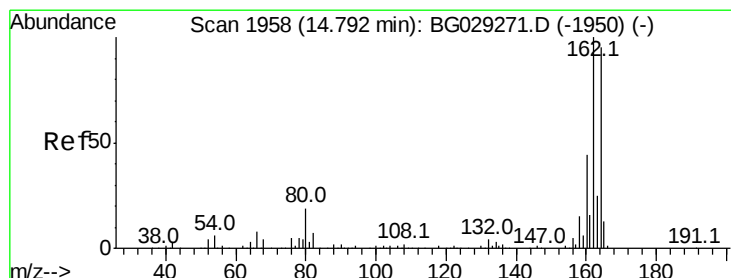
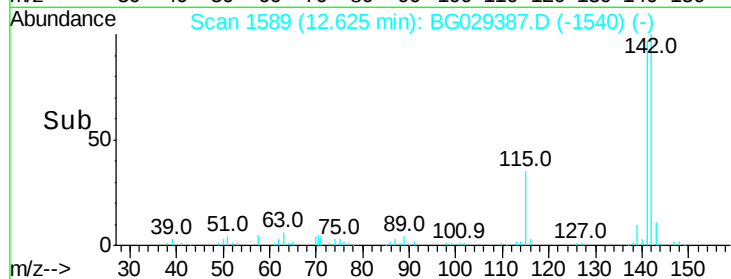
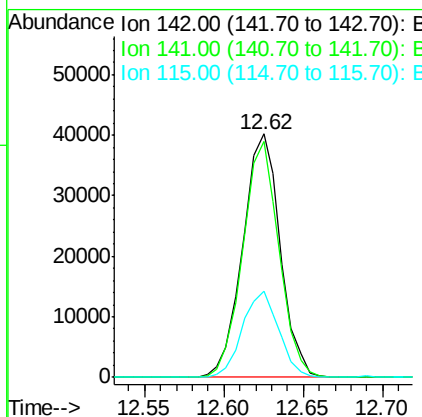
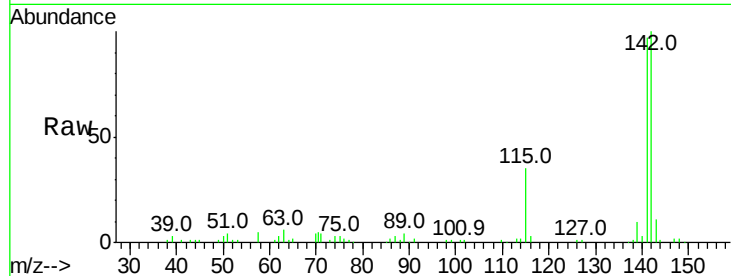
#37
2-Methylnaphthalene
Concen: 8.123 ng
RT: 12.62 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG029387.D
Acq: 21 Oct 2017 12:05

Instrument :
BNA_G
ClientSampleId :
TR-05-101917

Tot Ion	Ratio	Lower	Upper
142	100		
141	97.0	67.1	100.7
115	35.1	30.7	46.1

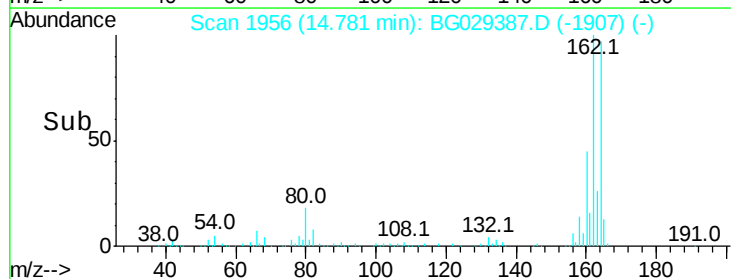
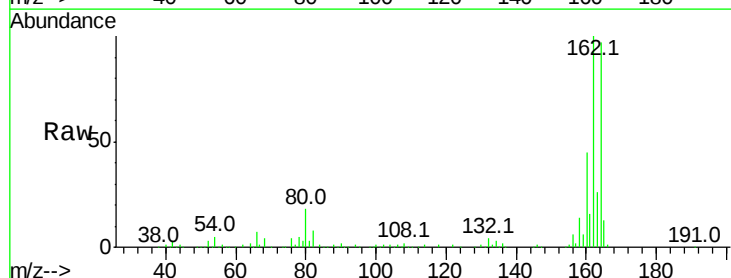
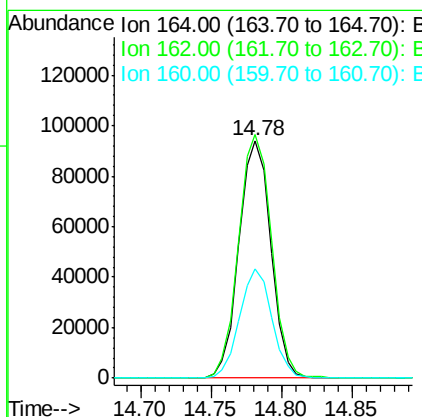
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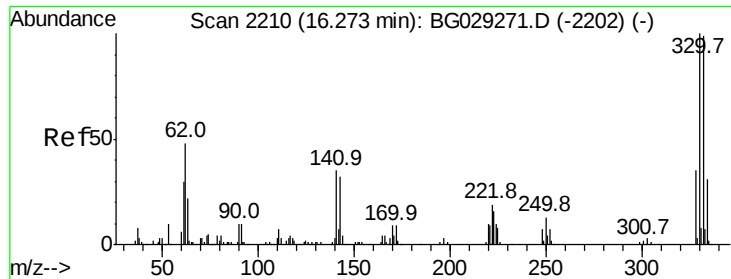
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029387.D
Acq: 21 Oct 2017 12:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	78.8	118.2
160	46.0	35.4	53.0





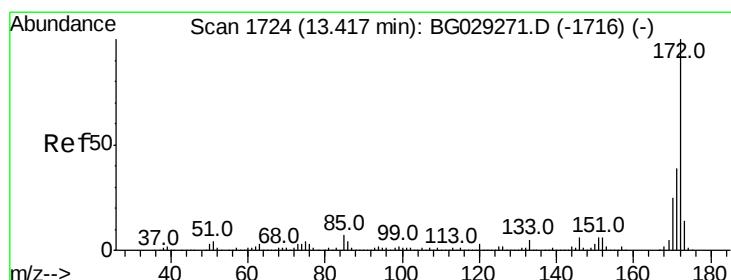
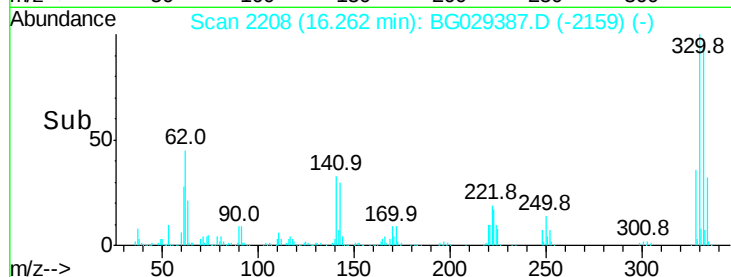
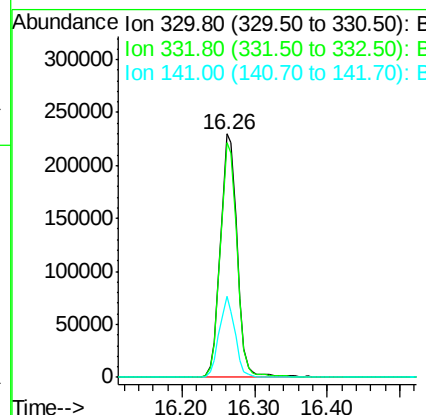
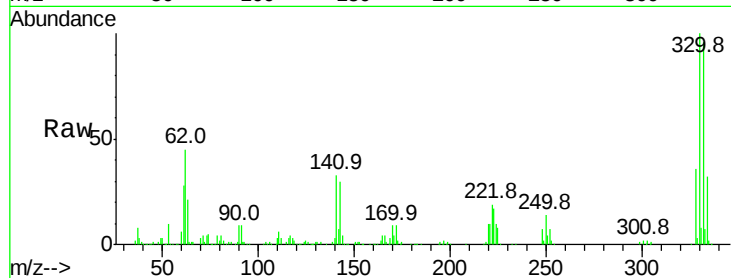
#41
 2,4,6-Tribromophenol
 Concen: 192.961 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG029387.D
 Acq: 21 Oct 2017 12:05

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-101917

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	31.5	25.2	37.8

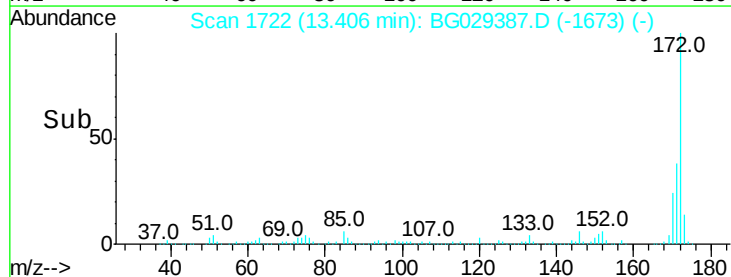
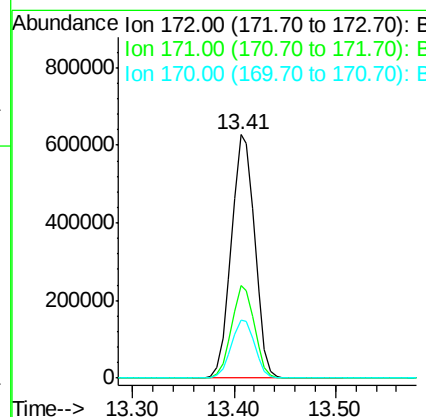
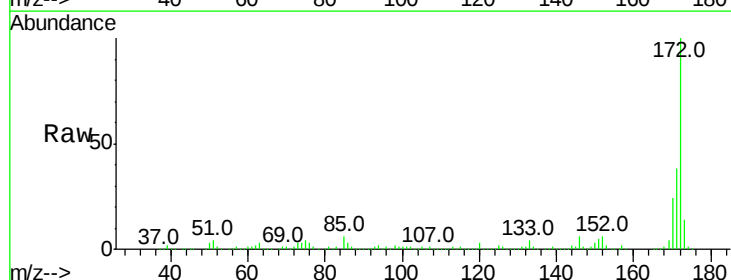
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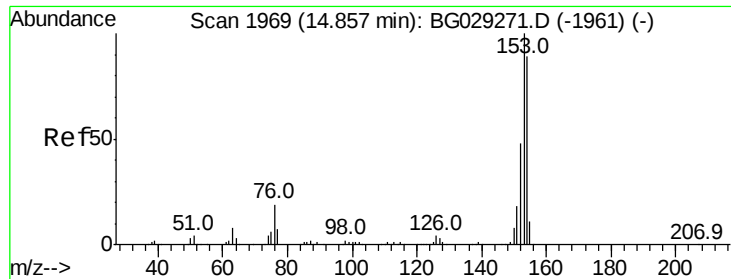
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#44
 2-Fluorobiphenyl
 Concen: 99.213 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG029387.D
 Acq: 21 Oct 2017 12:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	23.9	19.5	29.3





#51

Acenaphthene

Concen: 2.966 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG029387.D

Acq: 21 Oct 2017 12:05

Instrument :

BNA_G

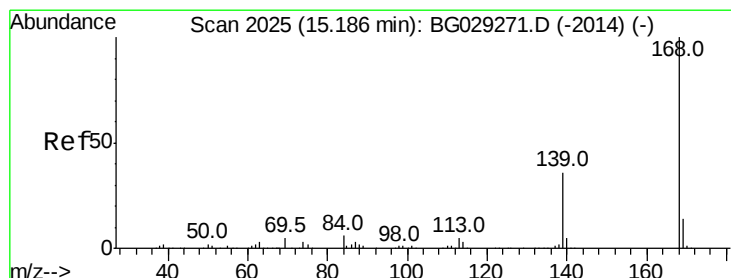
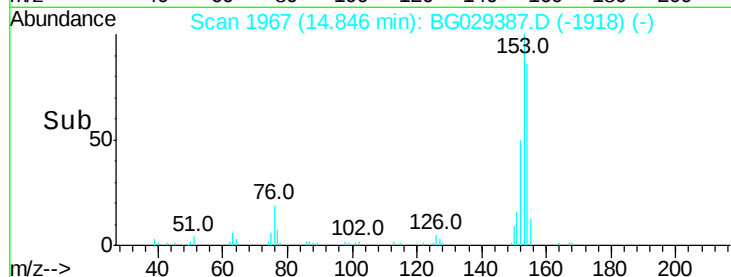
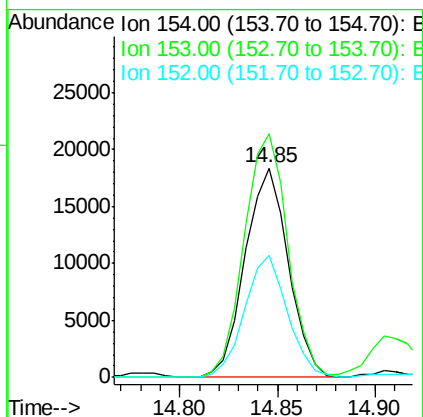
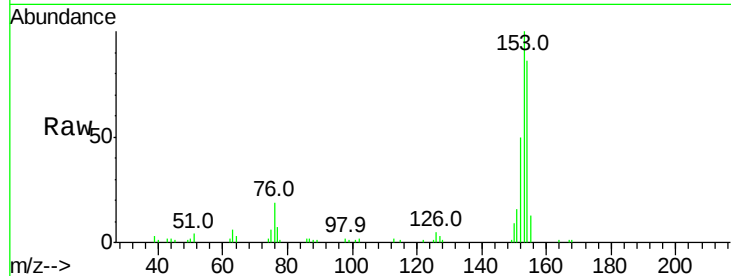
ClientSampleId :

TR-05-101917

Tot Ion:	154	Resp:	28157
Ion Ratio	Lower	Upper	
154	100		
153	116.3	90.4	135.6
152	58.2	41.6	62.4

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#54

Dibenzofuran

Concen: 4.483 ng

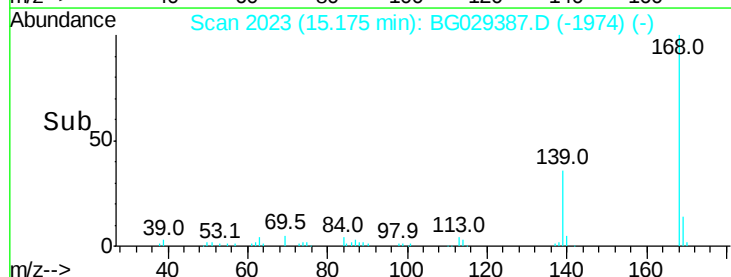
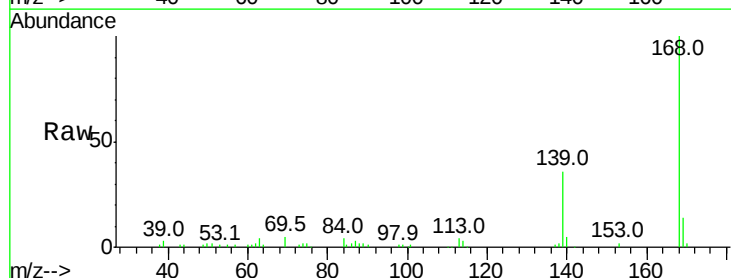
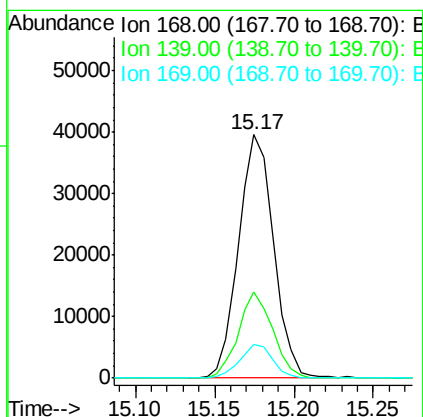
RT: 15.17 min Scan# 2023

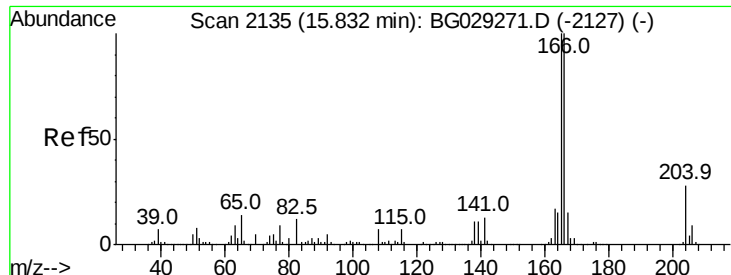
Delta R.T. -0.01 min

Lab File: BG029387.D

Acq: 21 Oct 2017 12:05

Tgt Ion:	168	Resp:	60745
Ion Ratio	Lower	Upper	
168	100		
139	35.5	28.6	43.0
169	13.7	11.2	16.8





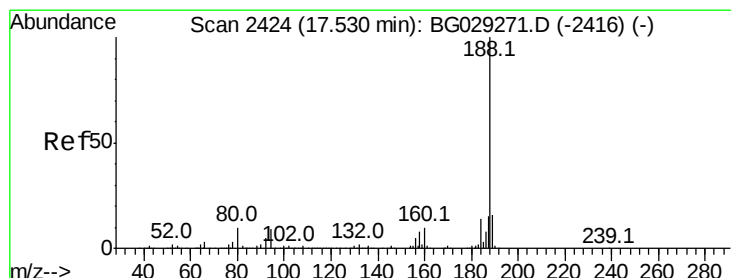
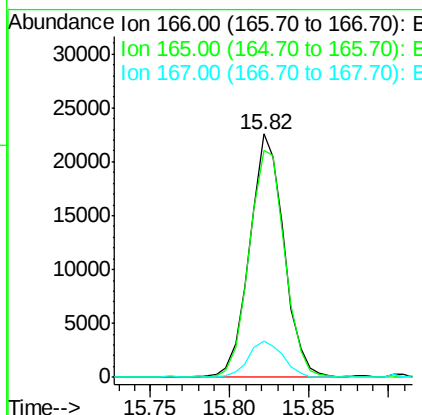
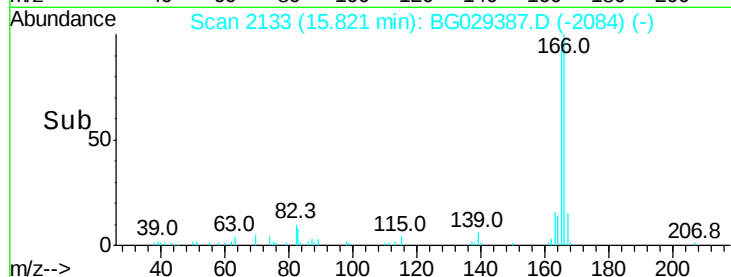
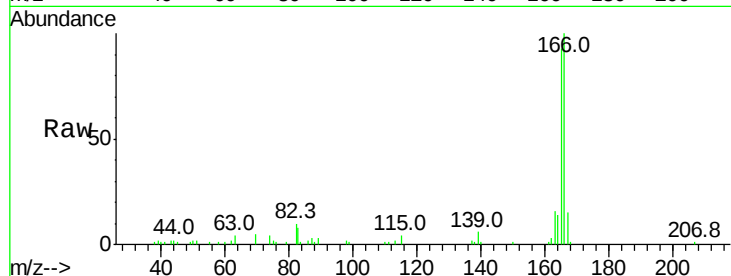
#57
Fluorene
 Concen: 3.033 ng
 RT: 15.82 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BG029387.D
 Acq: 21 Oct 2017 12:05

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-101917

Tot Ion	Ratio	Lower	Upper
166	100		
165	93.0	80.6	121.0
167	14.7	10.4	15.6

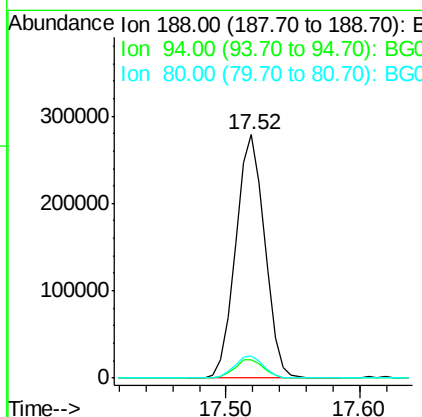
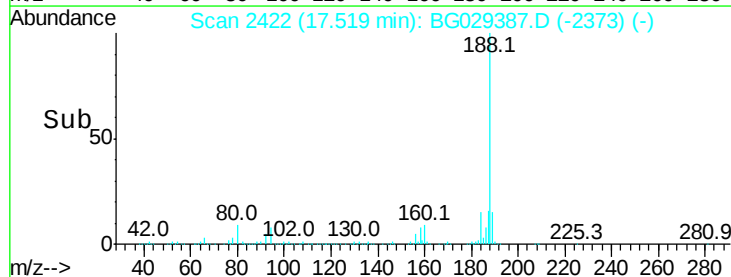
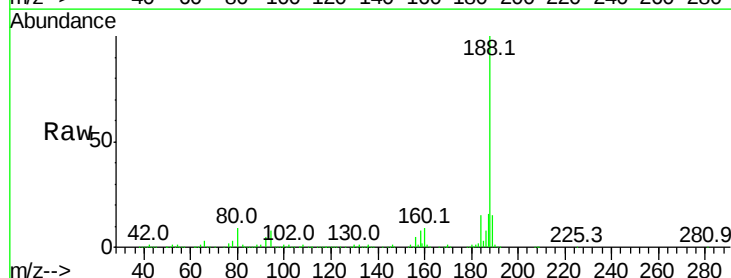
Manual Integrations
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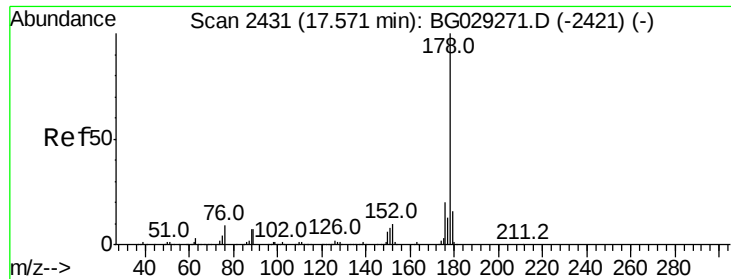
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG029387.D
 Acq: 21 Oct 2017 12:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	9.1	7.7	11.5





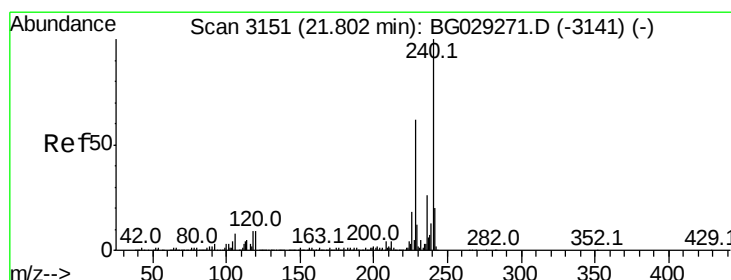
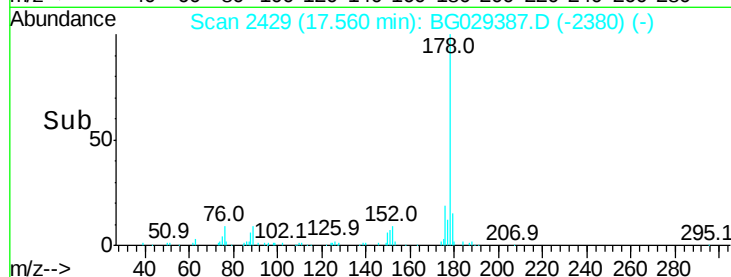
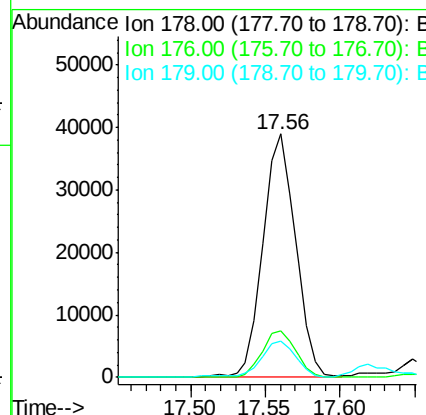
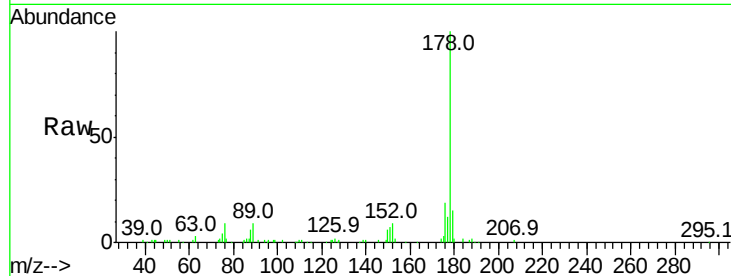
#70
Phenanthrene
Concen: 2.725 ng
RT: 17.56 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG029387.D
Acq: 21 Oct 2017 12:05

Instrument :
BNA_G
ClientSampleId :
TR-05-101917

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	14.8	12.5	18.7

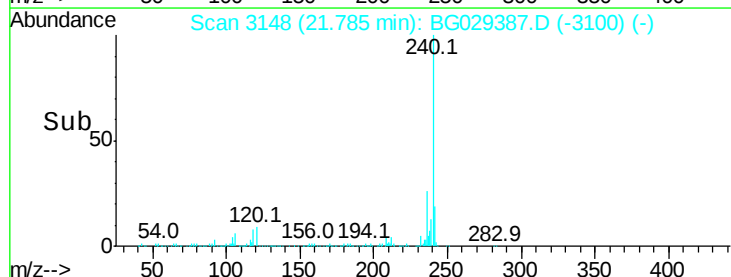
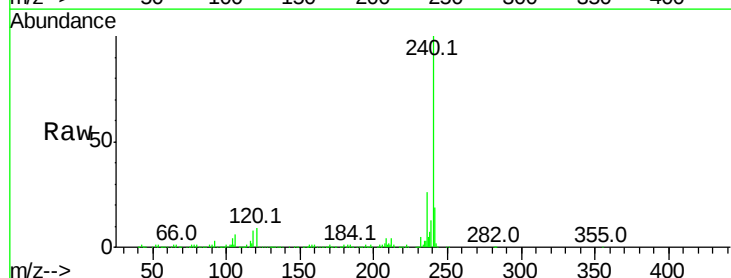
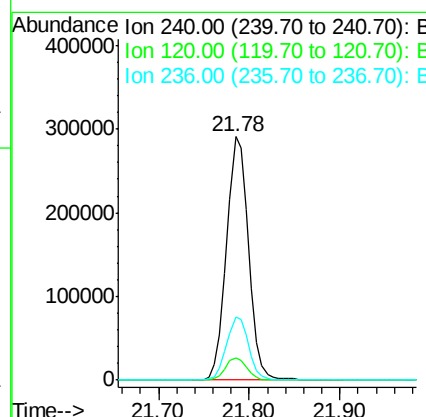
Manual Integrations
APPROVED

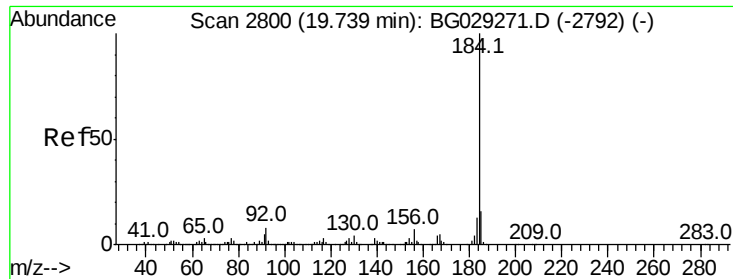
Sohil
10/23/2017 3:41:13 PM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3148
Delta R.T. -0.02 min
Lab File: BG029387.D
Acq: 21 Oct 2017 12:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	6.8	10.2
236	26.2	20.9	31.3





#76

Benzidine

Concen: 2.565 ng

RT: 19.73 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BG029387.D

Acq: 21 Oct 2017 12:05

Instrument :

BNA_G

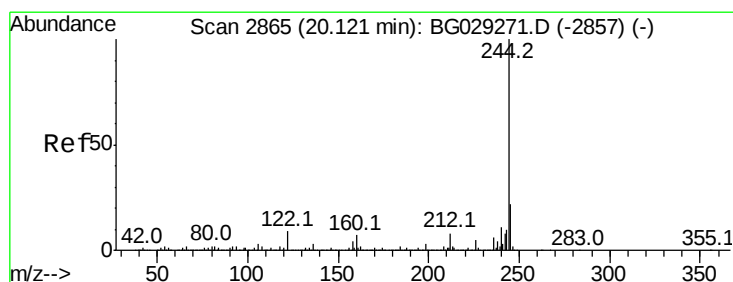
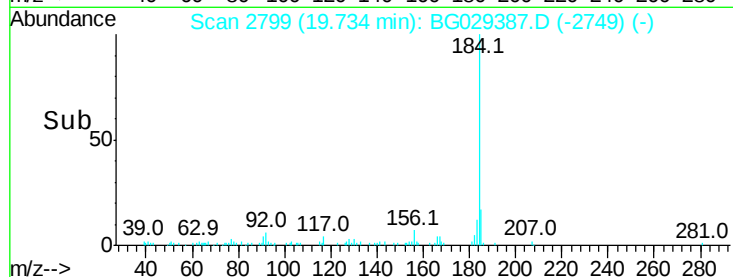
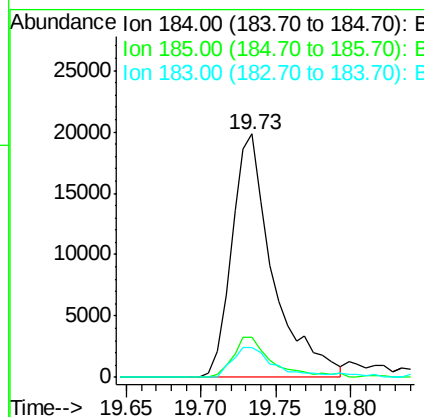
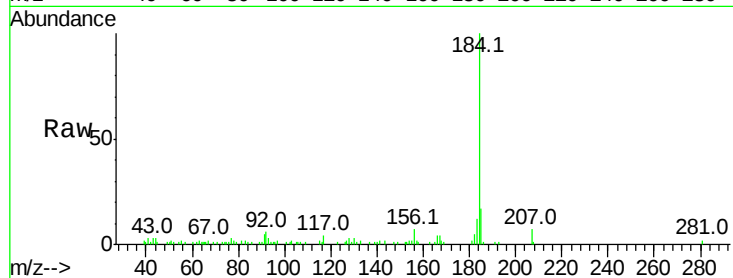
ClientSampleId :

TR-05-101917

Tot Ion:	184	Resp:	37837
Ion Ratio	Lower	Upper	
184	100		
185	16.6	11.1	16.7
183	12.1	10.6	16.0

Manual Integrations
APPROVED

Sohil
10/23/2017 3:41:13 PM



#78

Terphenyl-d14

Concen: 93.146 ng

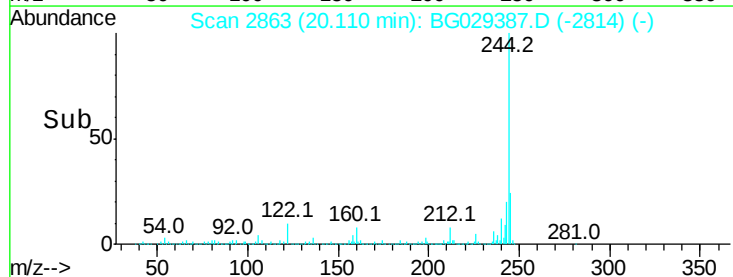
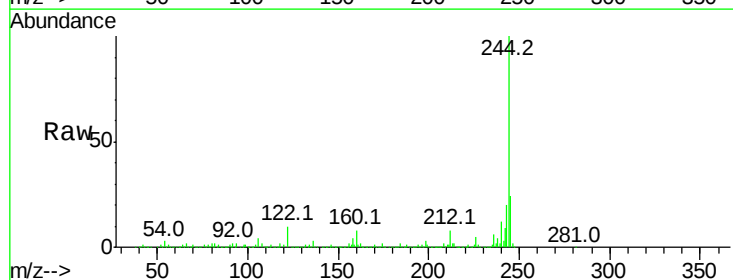
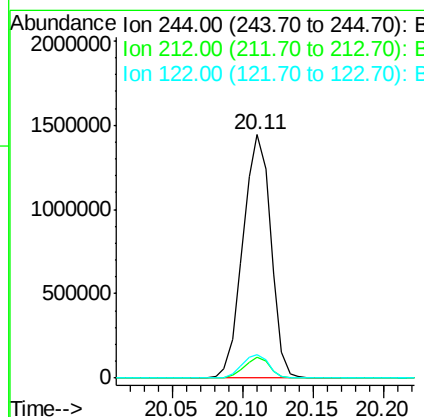
RT: 20.11 min Scan# 2863

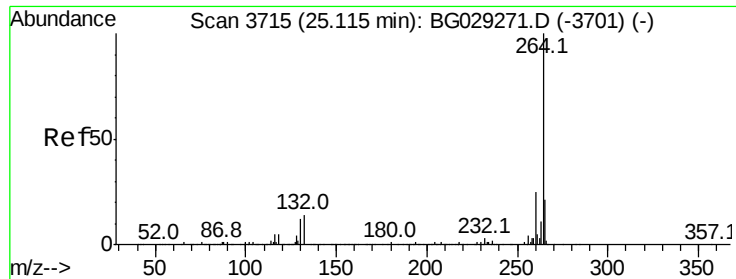
Delta R.T. -0.01 min

Lab File: BG029387.D

Acq: 21 Oct 2017 12:05

Tgt Ion:	244	Resp:	2000123
Ion Ratio	Lower	Upper	
244	100		
212	8.4	5.8	8.8
122	9.8	7.0	10.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.09 min Scan# 3711
 Delta R.T. -0.02 min
 Lab File: BG029387.D
 Acq: 21 Oct 2017 12:05

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-101917

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.0	17.4	26.0
265	20.9	17.7	26.5

Manual Integrations
 APPROVED

Sohil
 10/23/2017 3:41:13 PM

