

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\
 Data File : BG031311.D
 Acq On : 1 Dec 2017 5:51
 Operator : SJ/JU
 Sample : I6636-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112917-TIDO-E-D-B

Manual Integrations
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Sohil
 12/1/2017 3:34:00 PM

Quant Time: Dec 01 07:37:35 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	65404	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	271066	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	177242	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	476975	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	560048	20.00	ng	-0.02
86) Perylene-d12	25.06	264	542883	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	175317	45.96	ng	-0.02
7) Phenol-d6	7.30	99	154930	30.15	ng	0.00
23) Nitrobenzene-d5	9.30	82	397972	87.00	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	233428	81.41	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1177959	95.50	ng	-0.03
78) Terphenyl-d14	20.08	244	2027475	79.94	ng	-0.02
Target Compounds						
31) Naphthalene	11.00	128	214768	16.117	ng	97
37) 2-Methylnaphthalene	12.60	142	23316	2.267	ng	96
51) Acenaphthene	14.82	154	36437	3.361	ng	96
54) Dibenzofuran	15.16	168	37772	2.188	ng	94
57) Fluorene	15.80	166	30071	2.145	ng	87
70) Phenanthrene	17.54	178	109448	4.407	ng	98

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

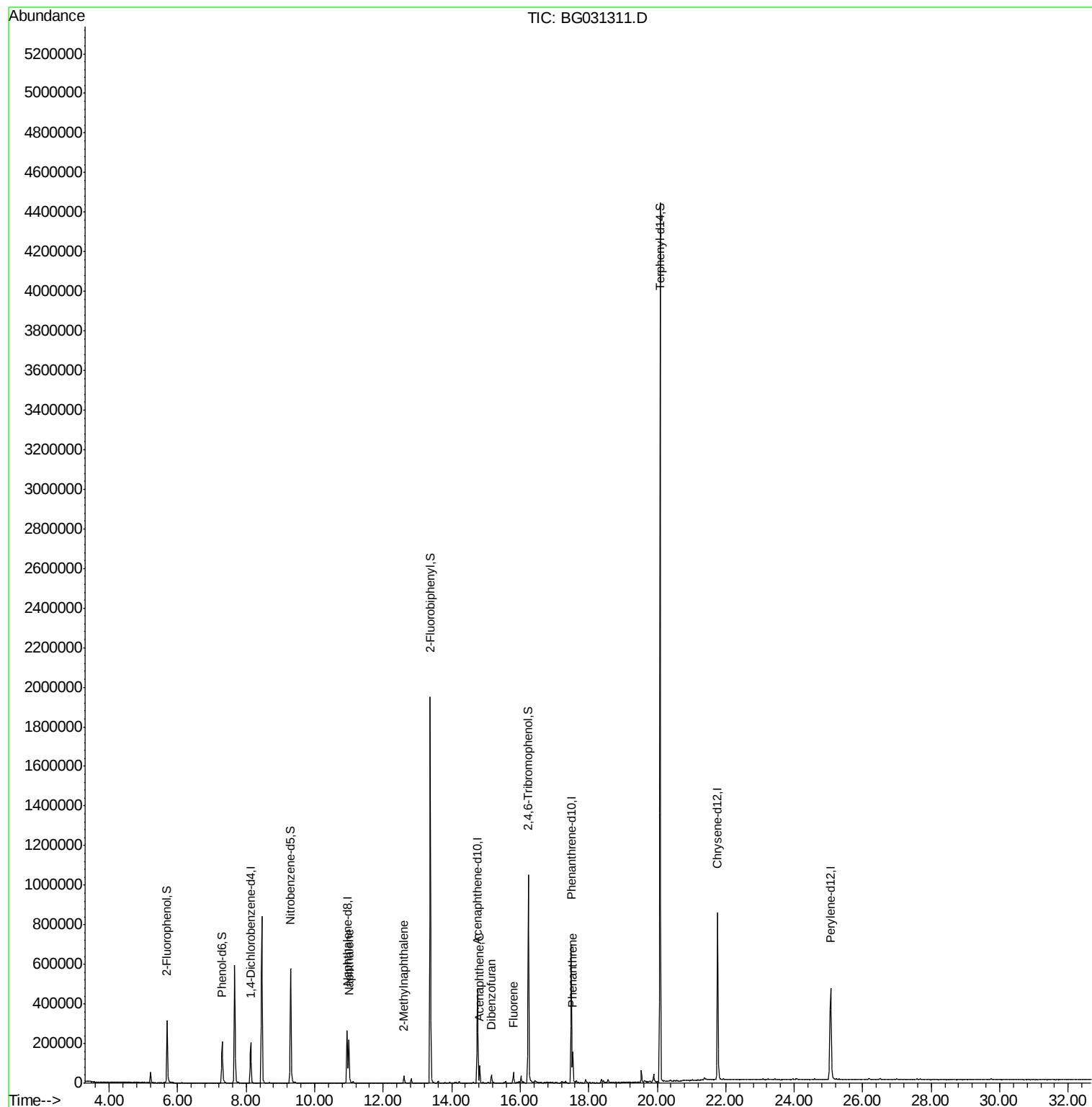
Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\
Data File : BG031311.D
Acq On : 1 Dec 2017 5:51
Operator : SJ/JU
Sample : I6636-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

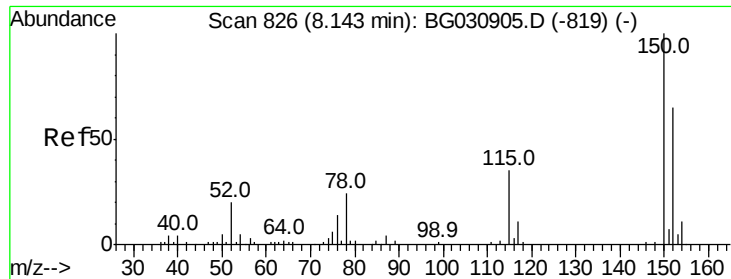
Instrument :
BNA_G
ClientSampleId :
112917-TIDO-E-D-B

Manual Integrations
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Quant Time: Dec 01 07:37:35 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration





#1

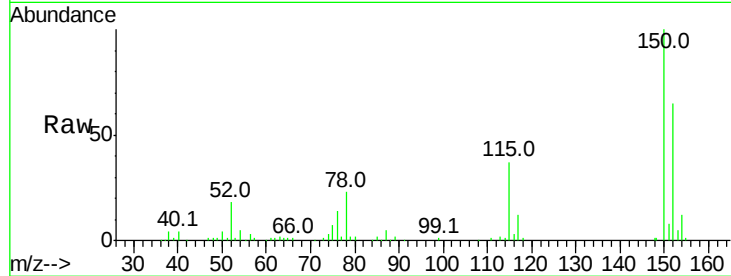
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.03 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Instrument :
BNA_G
ClientSampleId :
112917-TIDO-E-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.6	189.8
115	56.7	53.0	79.4

Manual Integrations
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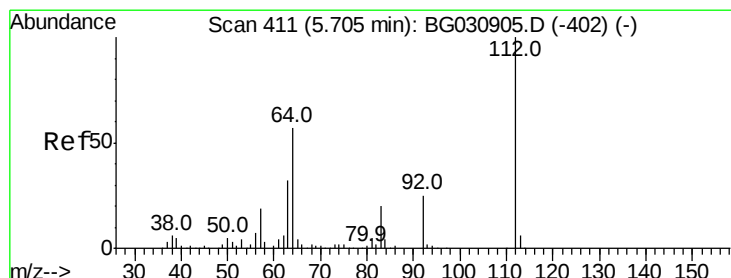
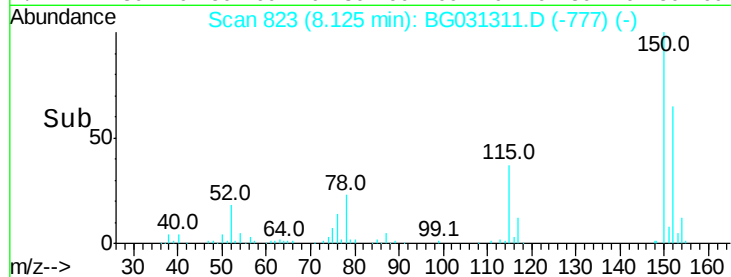
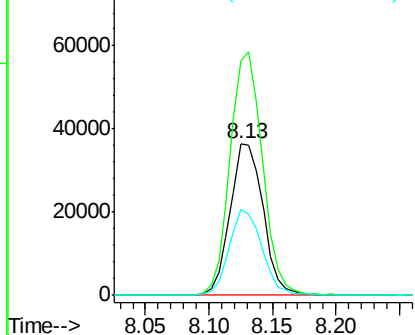


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

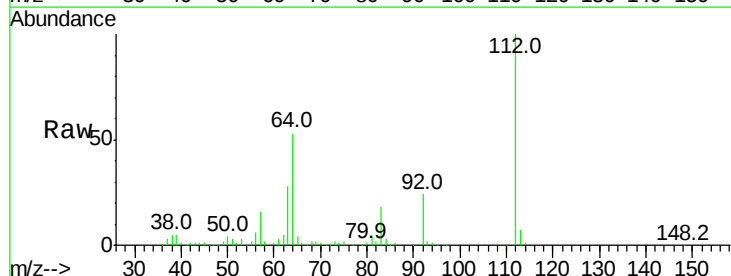
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 45.965 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	56.3	84.5#
63	28.2	30.1	45.1#

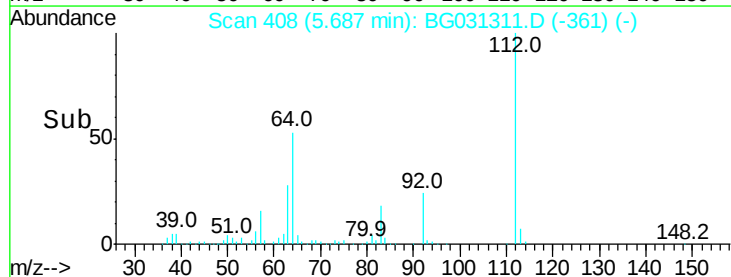
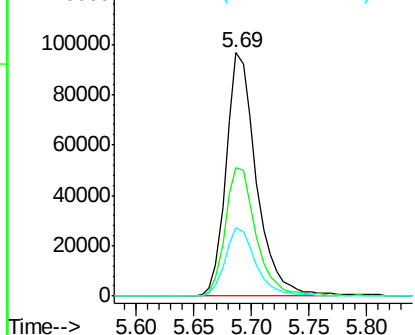


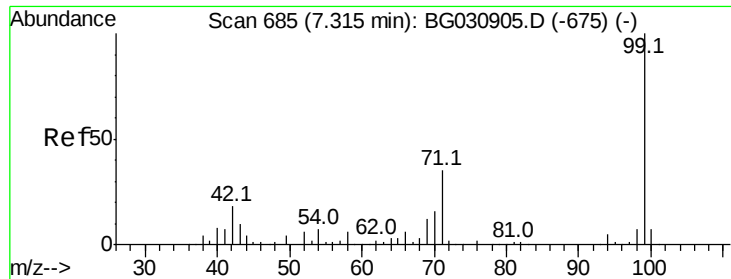
Abundance

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: 30.151 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031311.D

Acq: 1 Dec 2017 5:51

Instrument :

BNA_G

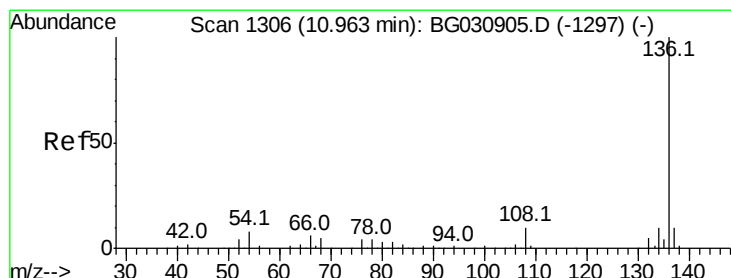
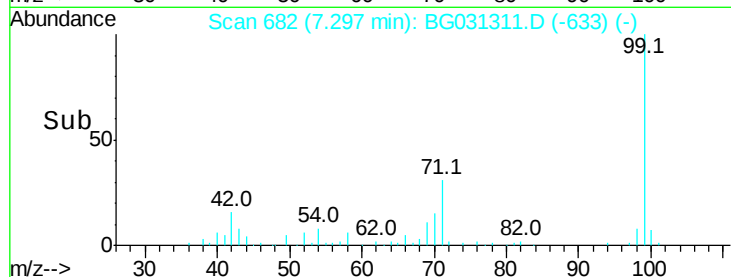
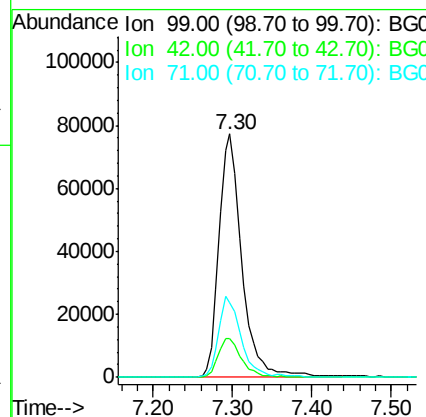
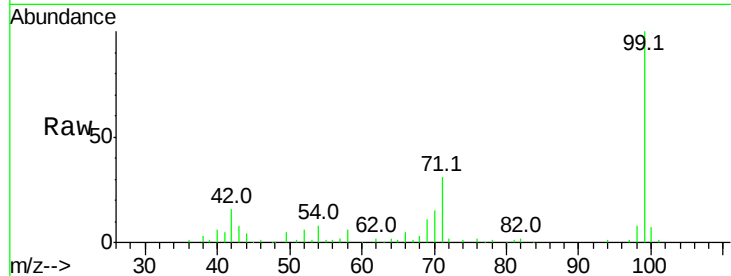
ClientSampleId :

112917-TIDO-E-D-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		154930		
42	15.9	14.1	21.1		
71	30.7	26.1	39.1		

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#21

Naphthalene-d8

Concen: 20.000 ng

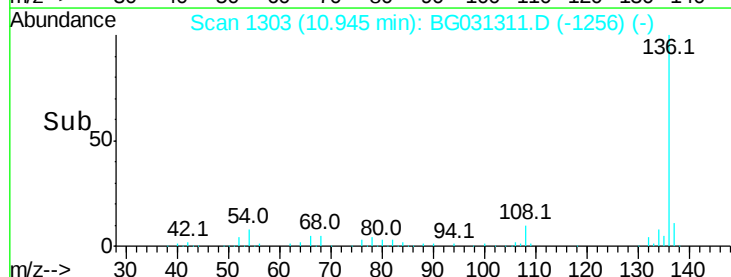
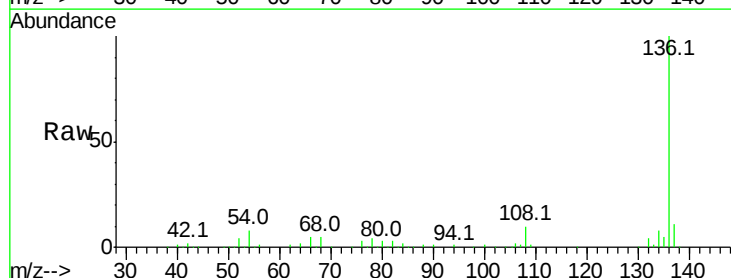
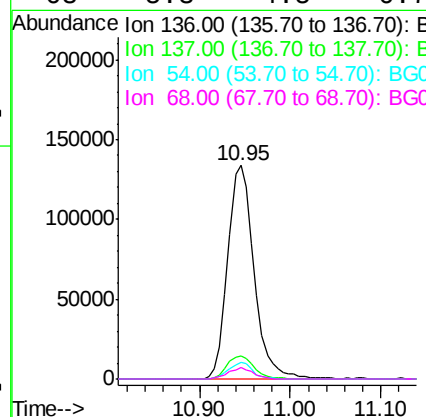
RT: 10.95 min Scan# 1303

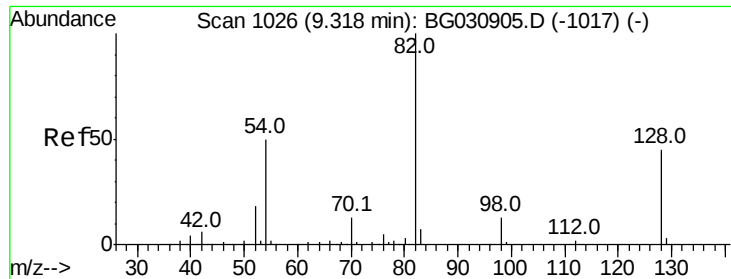
Delta R.T. -0.02 min

Lab File: BG031311.D

Acq: 1 Dec 2017 5:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		271066		
137	11.0	9.2	13.8		
54	7.7	10.3	15.5#		
68	5.3	4.5	6.7		





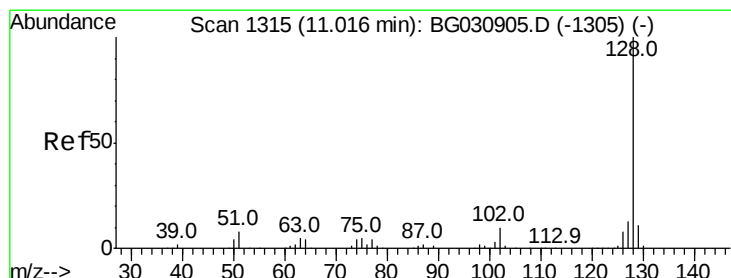
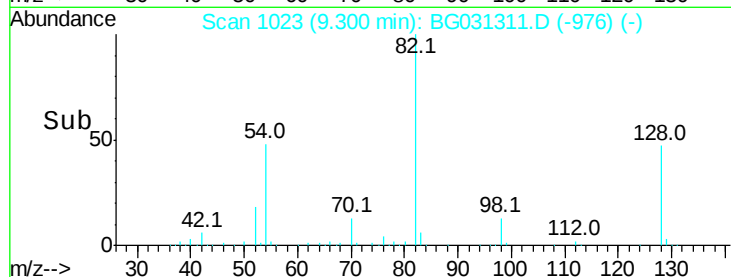
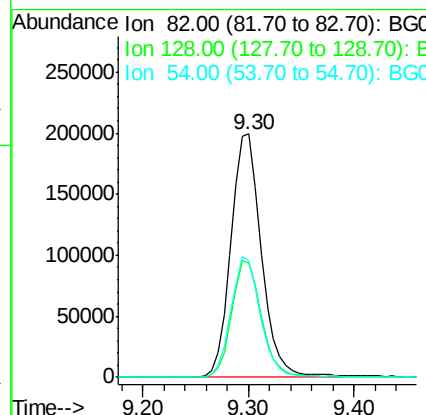
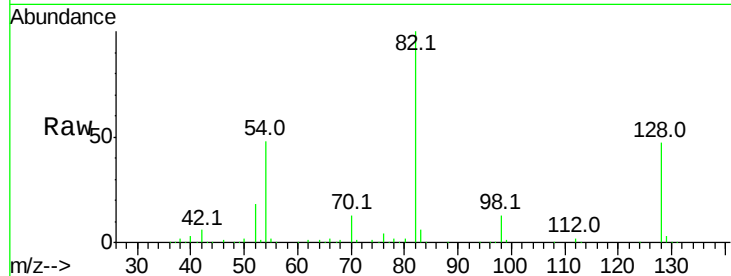
#23
 Nitrobenzene-d5
 Concen: 86.998 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031311.D
 Acq: 1 Dec 2017 5:51

Instrument :
 BNA_G
 ClientSampleId :
 112917-TIDO-E-D-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	29.7	44.5#
54	48.2	43.1	64.7

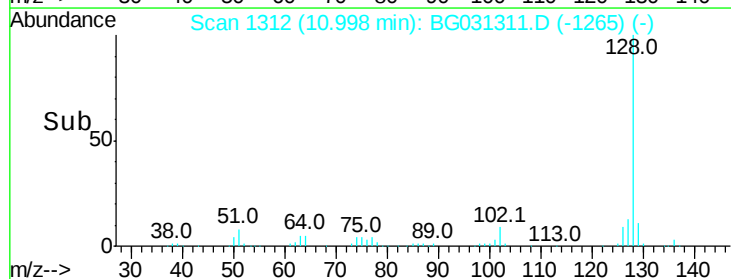
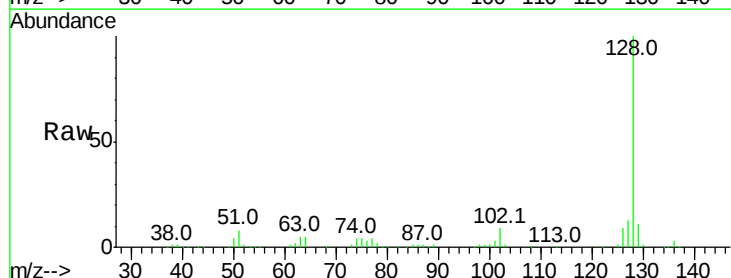
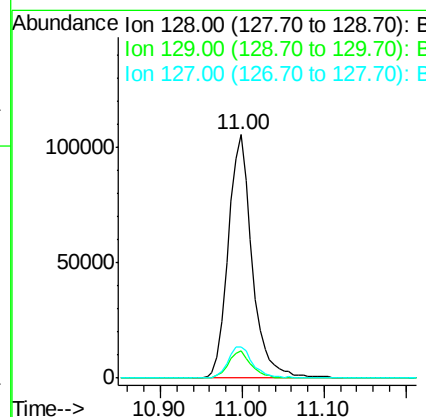
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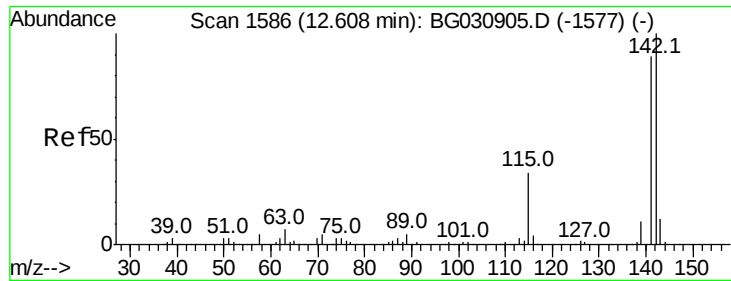
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#31
 Naphthalene
 Concen: 16.117 ng
 RT: 11.00 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BG031311.D
 Acq: 1 Dec 2017 5:51

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	12.6	11.6	17.4





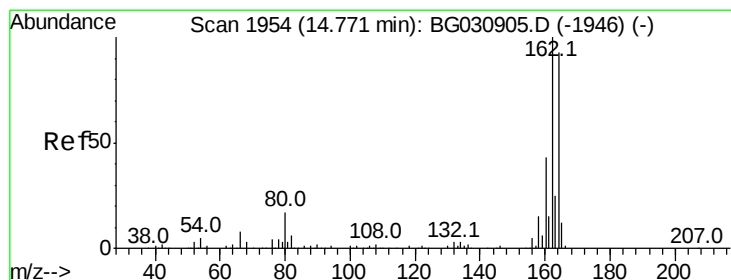
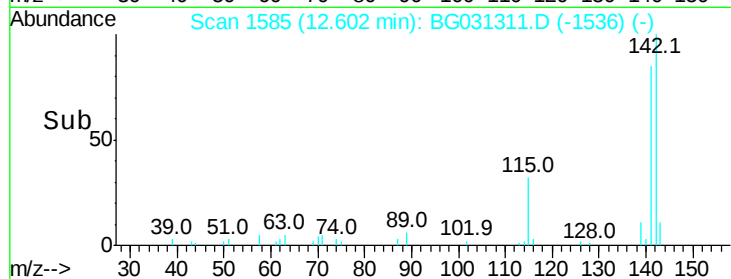
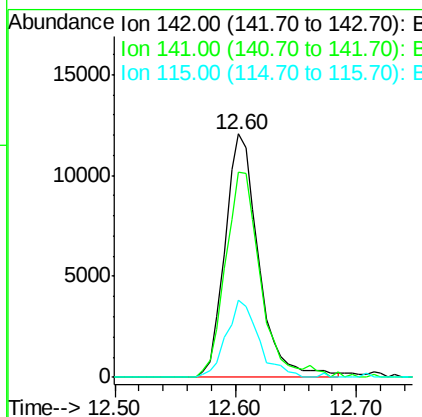
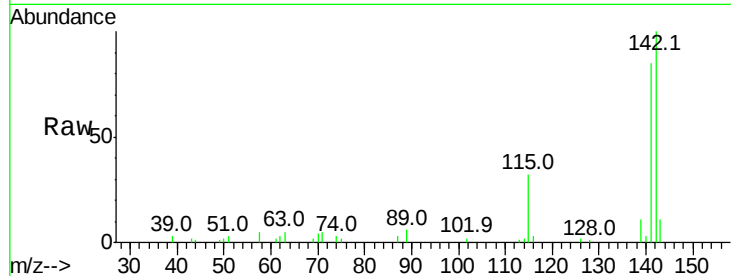
#37
2-Methylnaphthalene
Concen: 2.267 ng
RT: 12.60 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Instrument :
BNA_G
ClientSampleId :
112917-TIDO-E-D-B

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.5	67.1	100.7
115	31.8	30.7	46.1

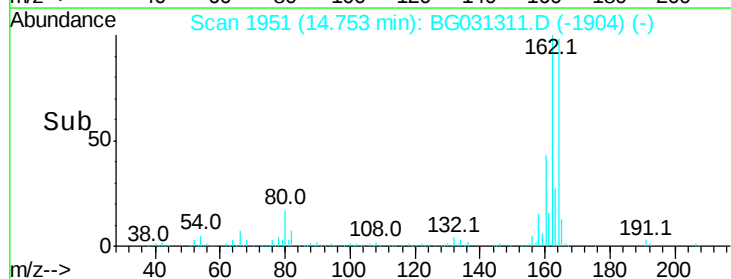
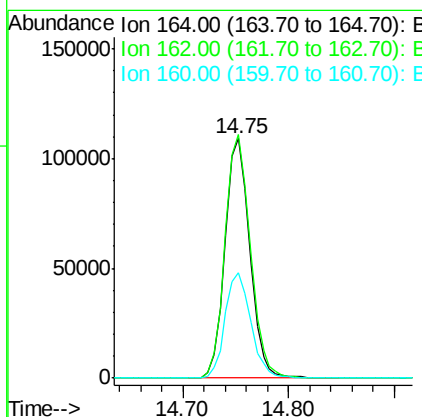
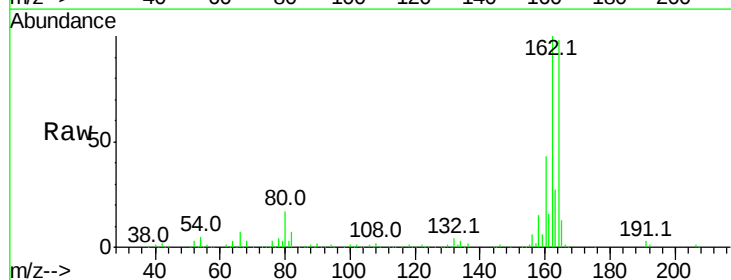
Manual Integrations
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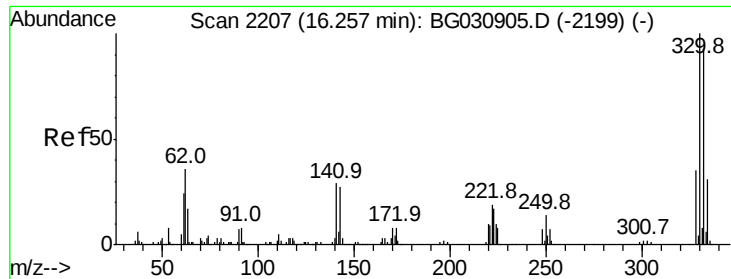
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.8	118.2
160	44.1	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 81.413 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031311.D

Acq: 1 Dec 2017 5:51

Instrument :

BNA_G

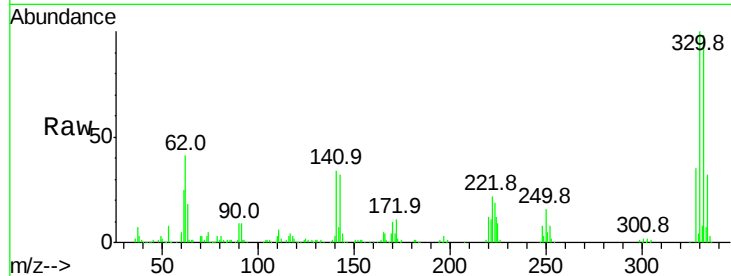
ClientSampleId :

112917-TIDO-E-D-B

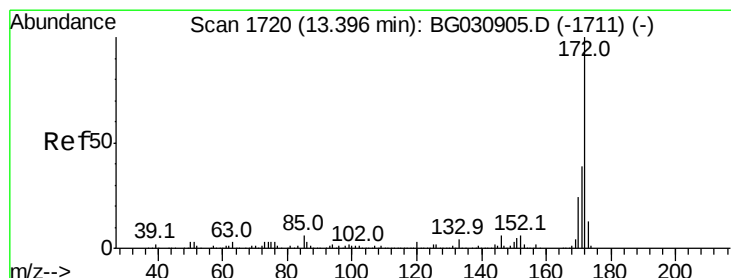
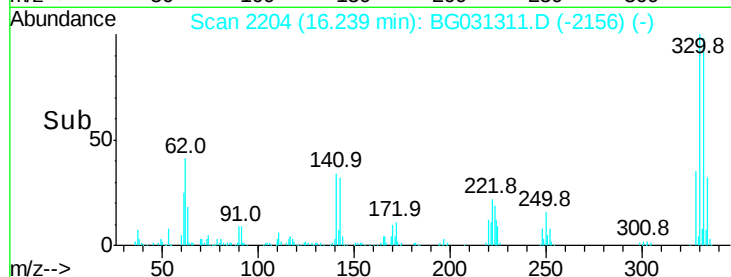
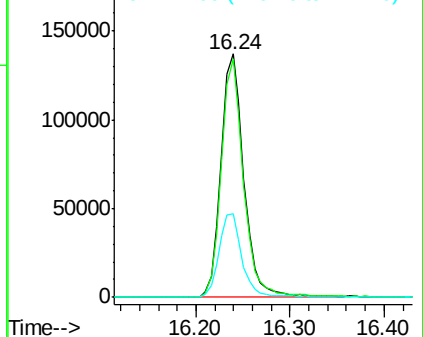
Tot Ion:	330	Resp:	233428
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.0	115.6
141	34.6	25.2	37.8

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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: 95.496 ng

RT: 13.37 min Scan# 1716

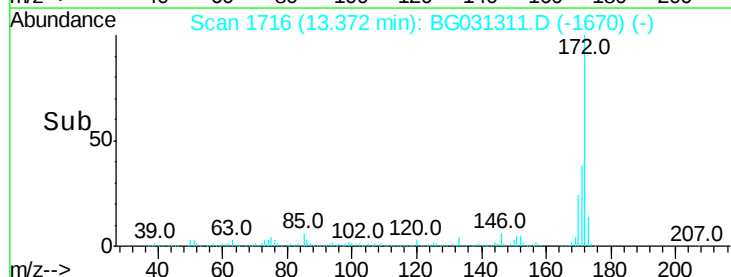
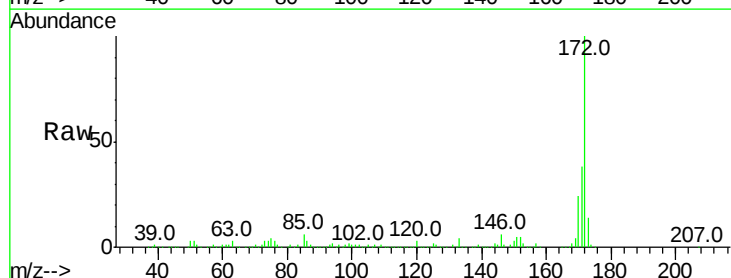
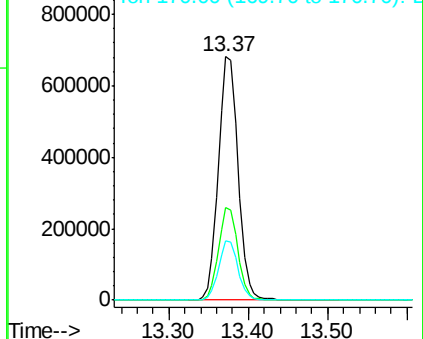
Delta R.T. -0.03 min

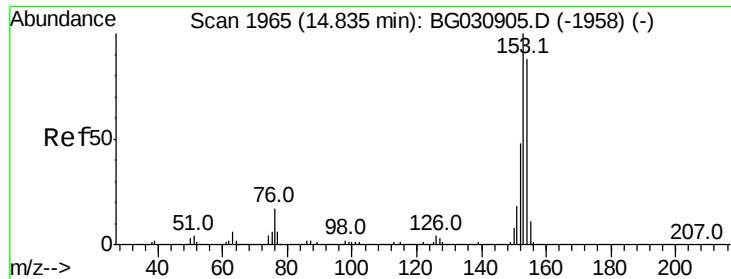
Lab File: BG031311.D

Acq: 1 Dec 2017 5:51

Tgt Ion:	172	Resp:	1177959
Ion Ratio	Lower	Upper	
172	100		
171	38.3	30.0	45.0
170	24.5	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





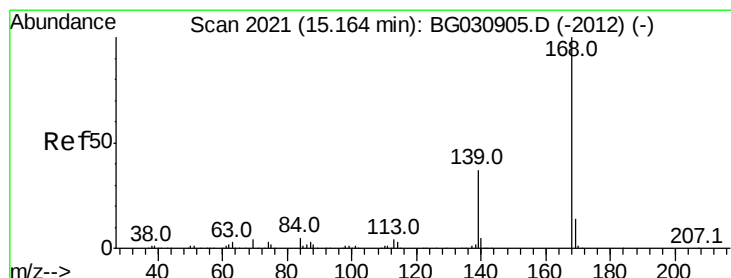
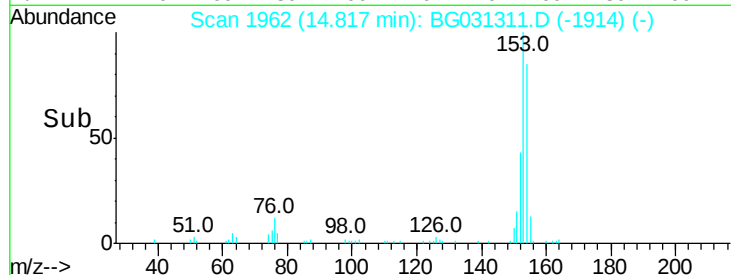
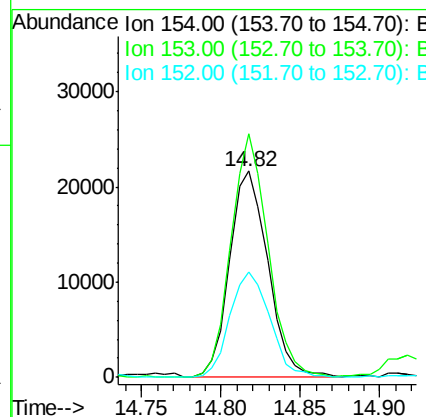
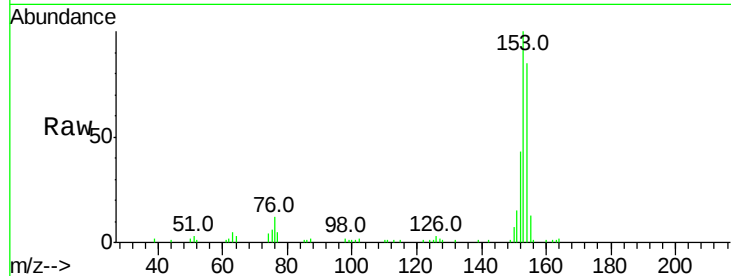
#51
Acenaphthene
Concen: 3.361 ng
RT: 14.82 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Instrument :
BNA_G
ClientSampleId :
112917-TIDO-E-D-B

Tot Ion	Ratio	Lower	Upper
154	100		
153	118.1	90.4	135.6
152	51.2	41.6	62.4

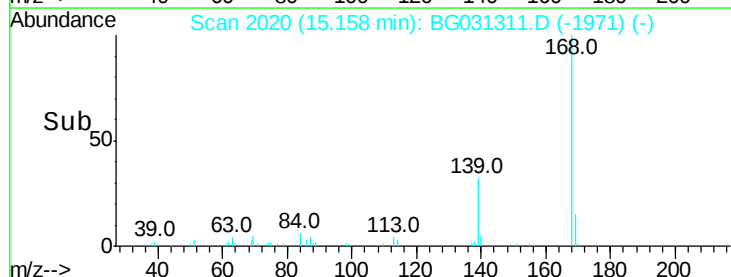
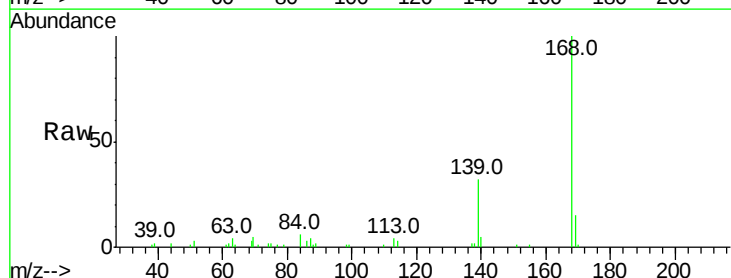
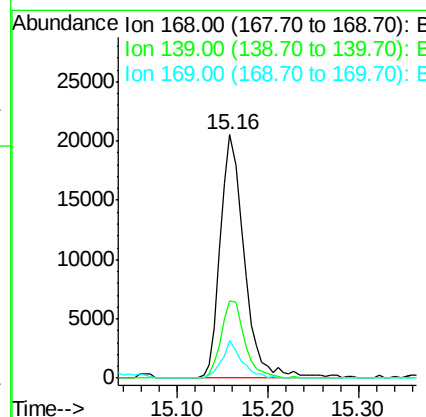
Manual Integrations
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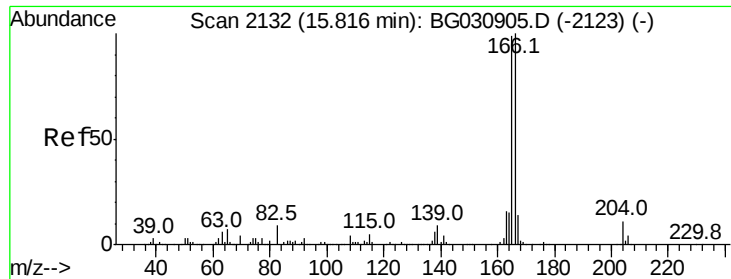
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#54
Dibenzofuran
Concen: 2.188 ng
RT: 15.16 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Tgt Ion	Ratio	Lower	Upper
168	100		
139	31.6	28.6	43.0
169	15.4	11.2	16.8





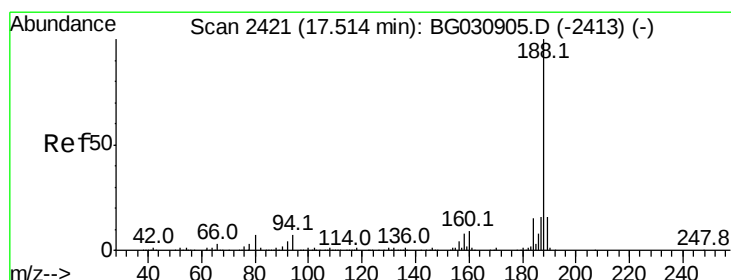
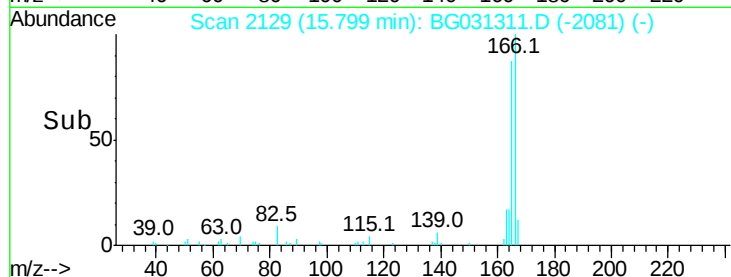
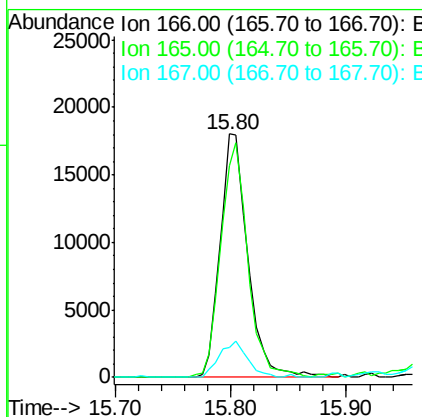
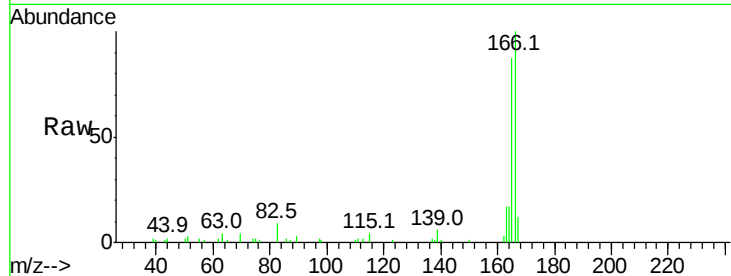
#57
Fluorene
Concen: 2.145 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Instrument :
BNA_G
ClientSampleId :
112917-TIDO-E-D-B

Tot Ion	Ratio	Lower	Upper
166	100		
165	86.7	80.6	121.0
167	12.2	10.4	15.6

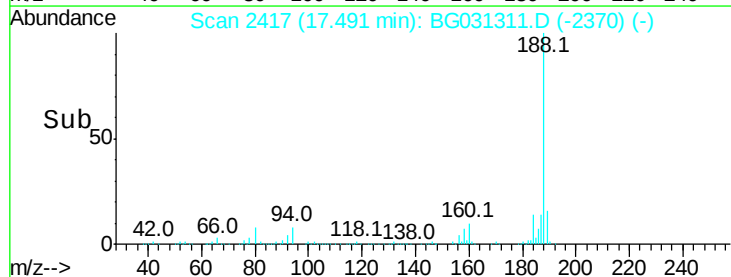
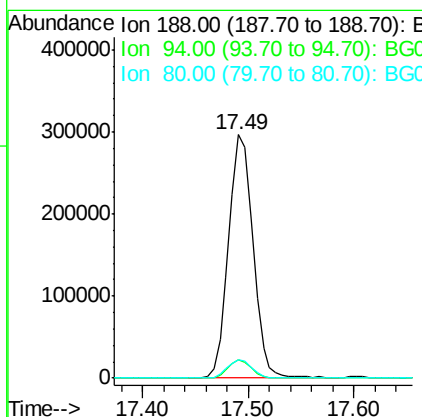
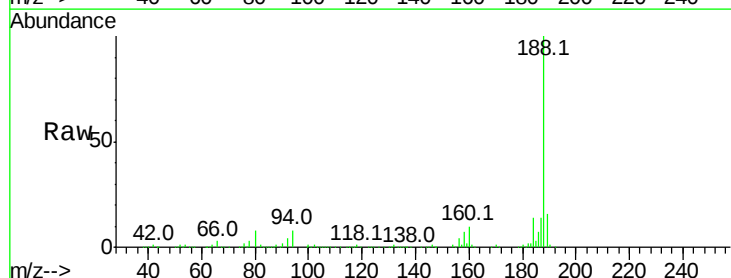
Manual Integrations
APPROVED

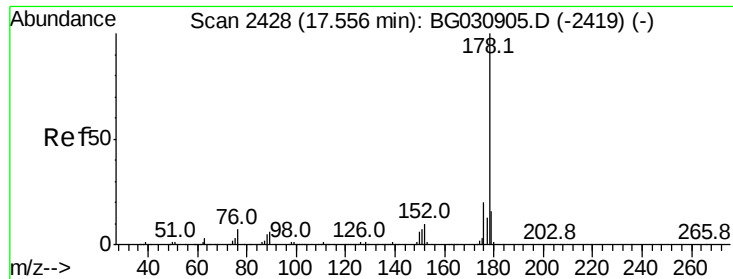
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

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





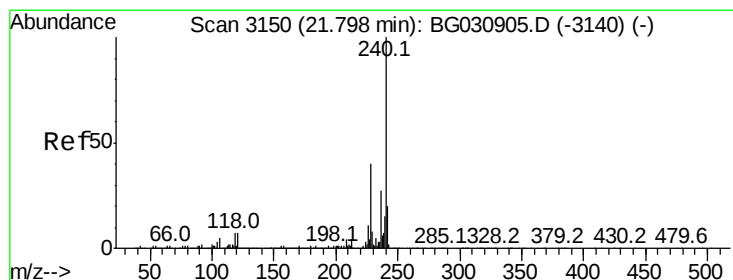
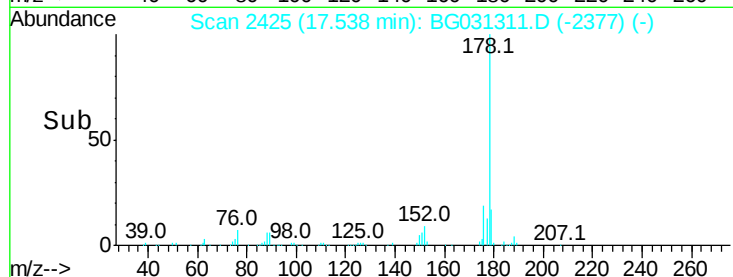
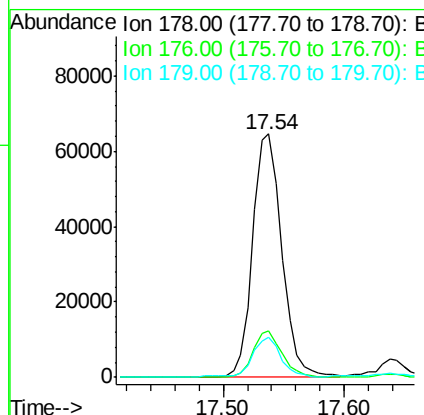
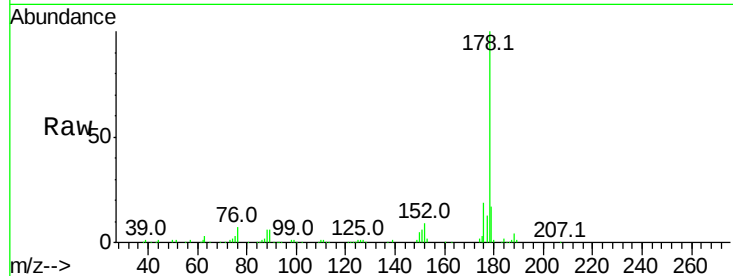
#70
Phenanthrene
Concen: 4.407 ng
RT: 17.54 min Scan# 2425
Delta R.T. -0.02 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Instrument :
BNA_G
ClientSampleId :
112917-TIDO-E-D-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	16.7	12.5	18.7

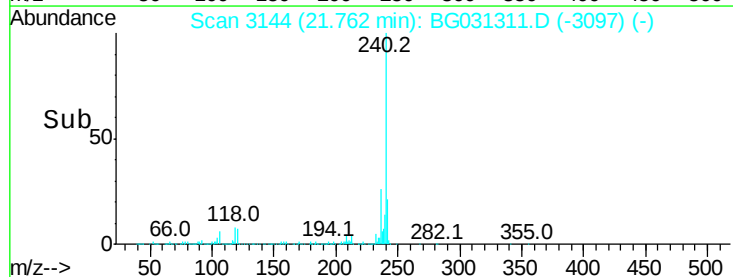
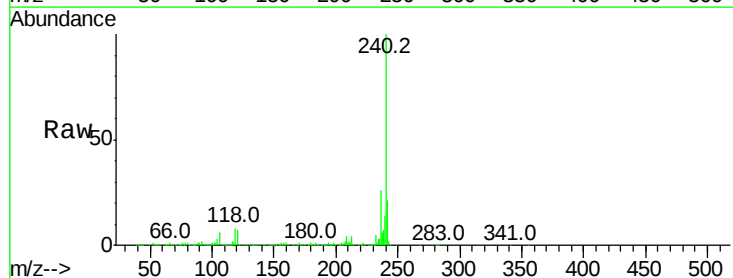
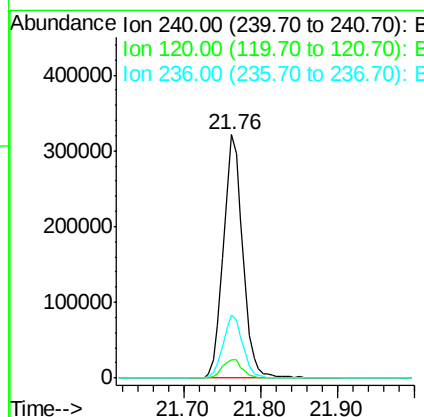
Manual Integrations
APPROVED

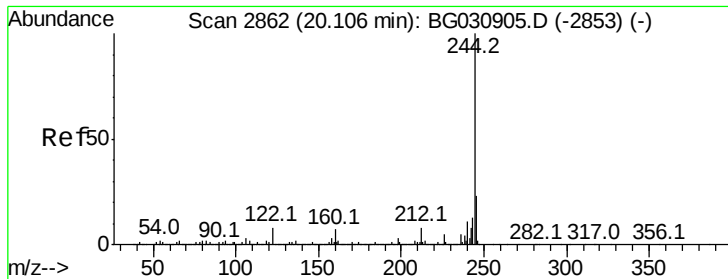
Sohil
12/1/2017 3:34:00 PM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031311.D
Acq: 1 Dec 2017 5:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.8	10.2
236	25.9	20.9	31.3





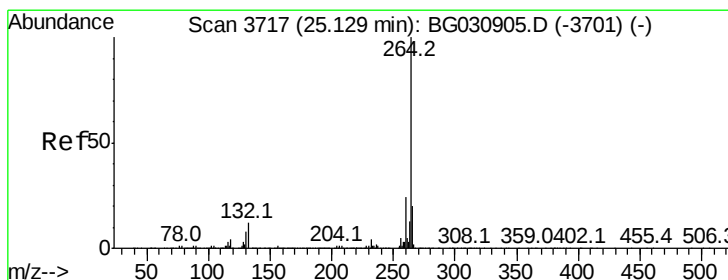
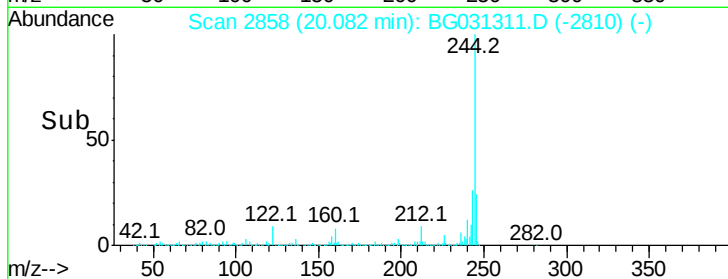
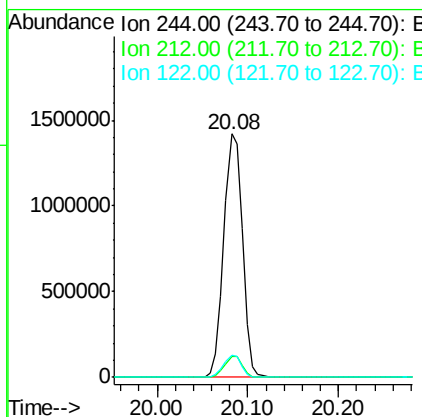
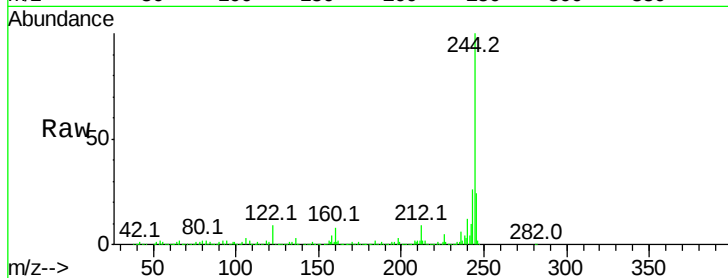
#78
 Terphenyl-d14
 Concen: 79.937 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.02 min
 Lab File: BG031311.D
 Acq: 1 Dec 2017 5:51

Instrument :
 BNA_G
 ClientSampleId :
 112917-TIDO-E-D-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8
122	9.4	7.0	10.4

Manual Integrations
 APPROVED

Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3706
 Delta R.T. -0.03 min
 Lab File: BG031311.D
 Acq: 1 Dec 2017 5:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.3	17.7	26.5

