

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
 Data File : BG021779.D
 Acq On : 20 Apr 2016 11:08
 Operator : UM/SJ
 Sample : H2589-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EUT01-TU-B1(0-5)-C

Manual Integrations
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Sohil
 4/21/2016 10:37:50 AM

Quant Time: Apr 20 12:35:48 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	38357	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	164239	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	92545	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	192735	20.00	ng	0.00
75) Chrysene-d12	21.83	240	212698	20.00	ng	0.00
86) Perylene-d12	25.16	264	206617	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	253664	110.13	ng	0.00
7) Phenol-d6	7.36	99	366901	106.64	ng	0.00
23) Nitrobenzene-d5	9.38	82	231539	72.46	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	111989	112.28	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	467580	74.03	ng	0.00
78) Terphenyl-d14	20.14	244	548322	64.32	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.26	163	56541	7.07	ng	Qvalue # 98
70) Phenanthrene	17.60	178	159519	15.02	ng	99
71) Anthracene	17.69	178	54678	5.07	ng	98
74) Fluoranthene	19.60	202	791404	62.39	ng	98
77) Pyrene	19.95	202	692594	56.47	ng	99
80) Benzo(a)anthracene	21.81	228	486467	39.74	ng	97
82) Chrysene	21.88	228	390425	33.20	ng	97
85) Indeno(1,2,3-cd)pyrene	28.98	276	196852	14.08	ng	95
87) Benzo(b)fluoranthene	24.11	252	582890	48.62	ng	98
88) Benzo(k)fluoranthene	24.17	252	209286m	17.85	ng	
89) Benzo(a)pyrene	25.01	252	423493	36.46	ng	96
90) Dibenzo(a,h)anthracene	29.03	278	52311	4.49	ng	# 86
91) Benzo(a,h,i)perylene	30.18	276	163334	14.29	ng	97

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

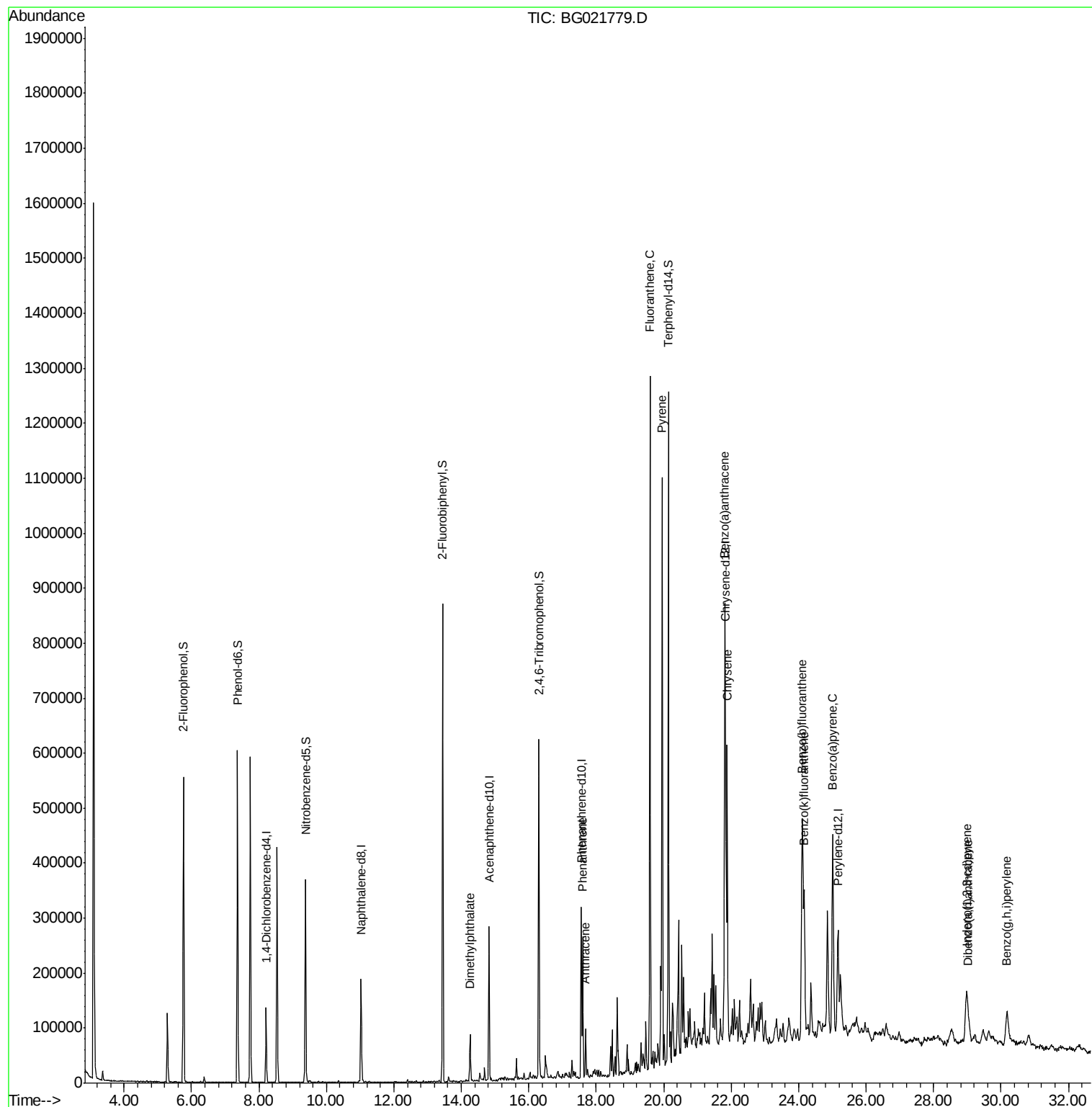
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
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Instrument :
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#1

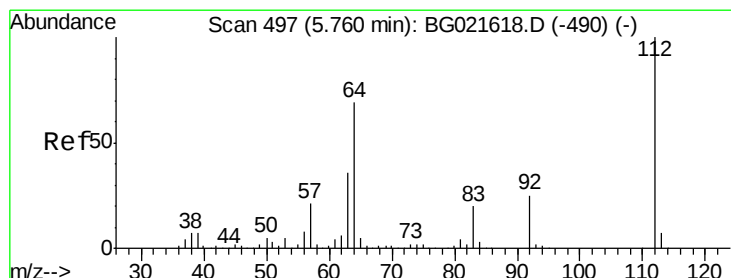
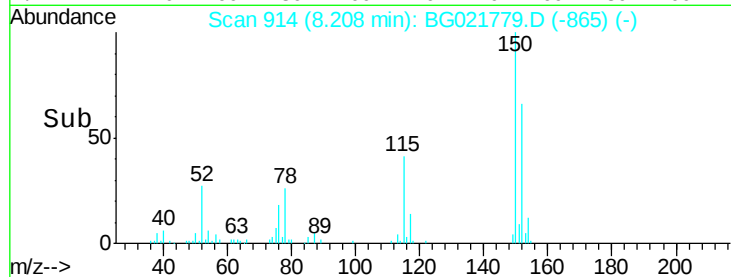
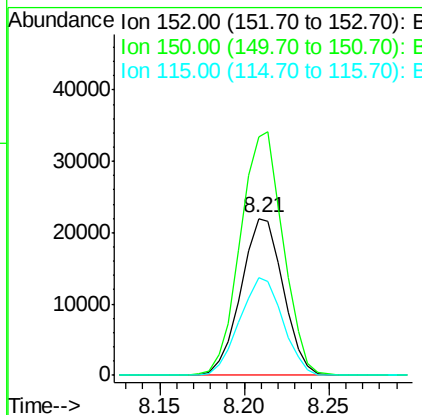
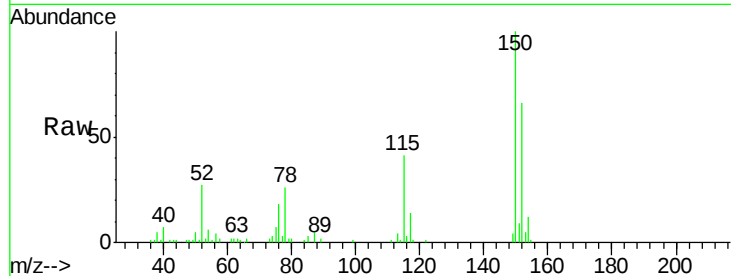
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG021779.D
Acq: 20 Apr 2016 11:08

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B1(0-5)-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	130.1	195.1
115	62.3	62.2	93.2

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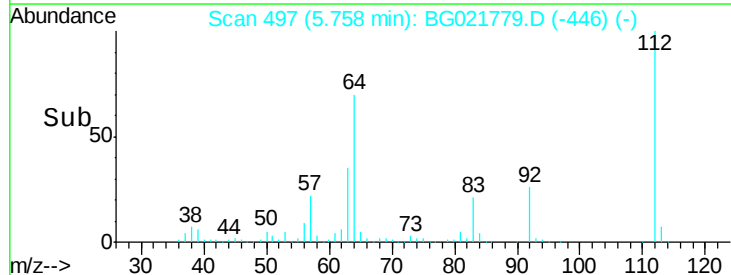
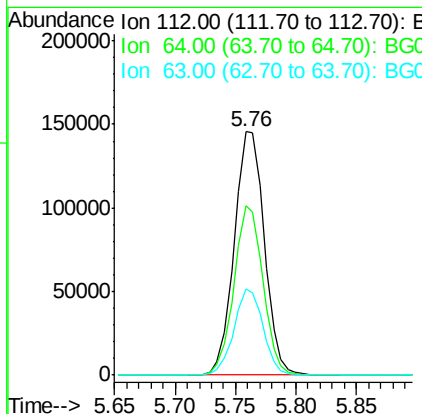
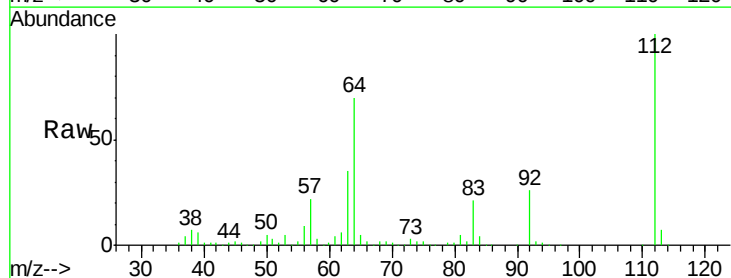
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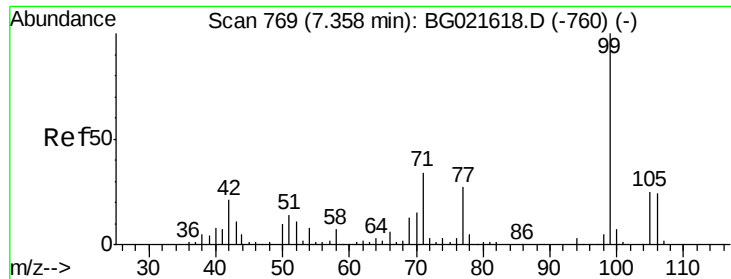


#5

2-Fluorophenol
Concen: 110.13 ng
RT: 5.76 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG021779.D
Acq: 20 Apr 2016 11:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	51.1	76.7
63	35.3	24.6	37.0





#7

Phenol-d6

Concen: 106.64 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG021779.D

Acq: 20 Apr 2016 11:08

Instrument :

BNA_G

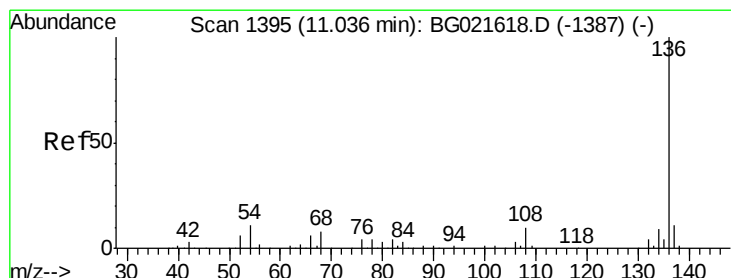
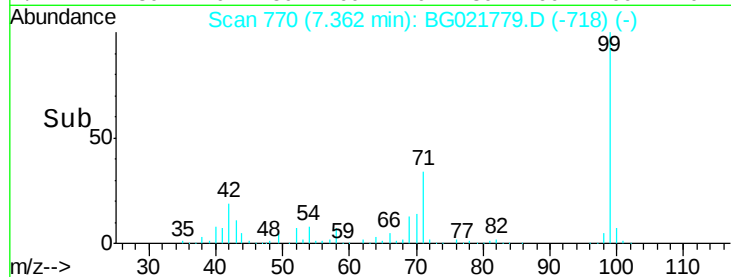
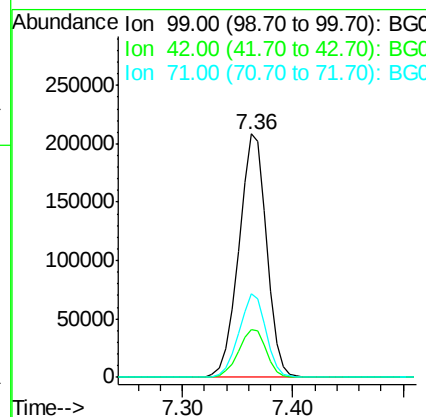
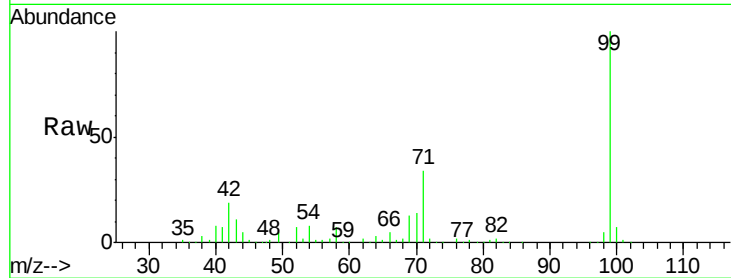
ClientSampleId :

EUT01-TU-B1(0-5)-C

Tot Ion:	99	Resp:	366901
Ion Ratio	Lower	Upper	
99	100		
42	19.5	16.4	24.6
71	34.3	25.0	37.4

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#21

Naphthalene-d8

Concen: 20.00 ng

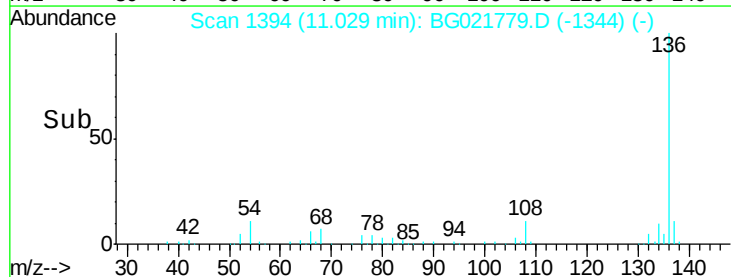
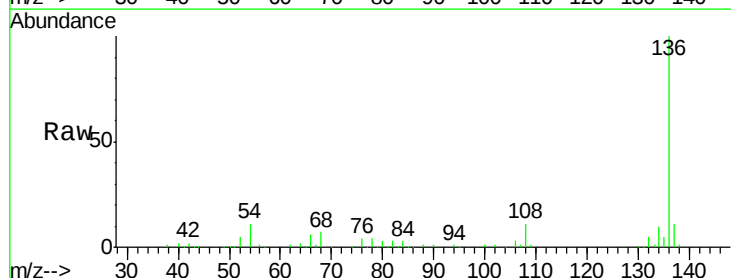
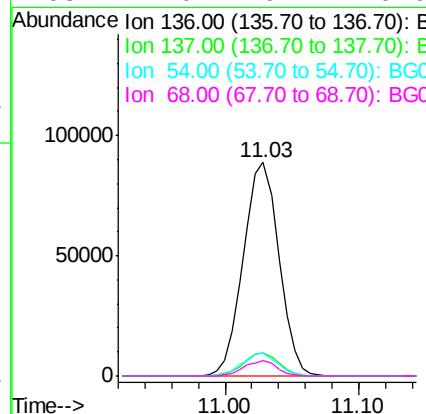
RT: 11.03 min Scan# 1394

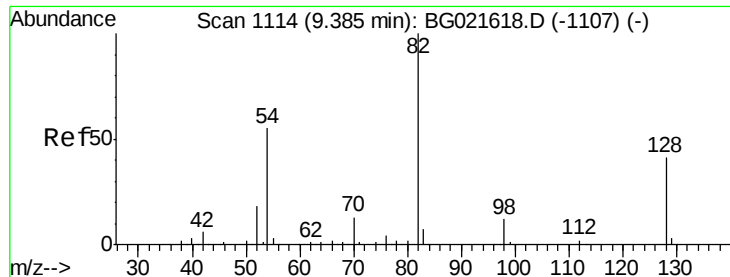
Delta R.T. -0.01 min

Lab File: BG021779.D

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Tgt Ion:	136	Resp:	164239
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.0	13.4
54	10.8	9.6	14.4
68	7.0	6.4	9.6





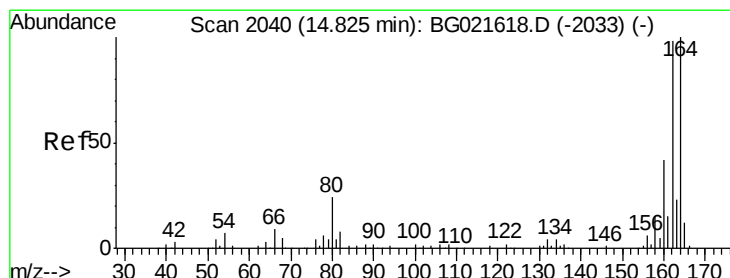
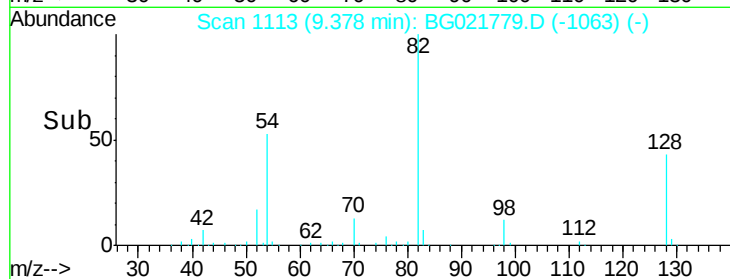
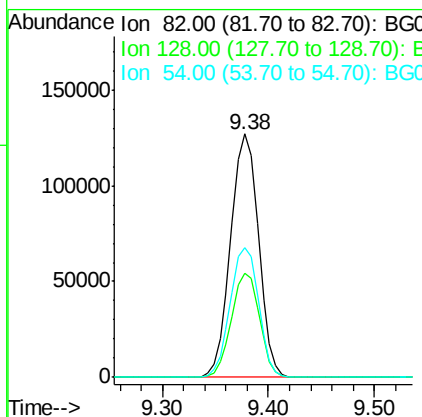
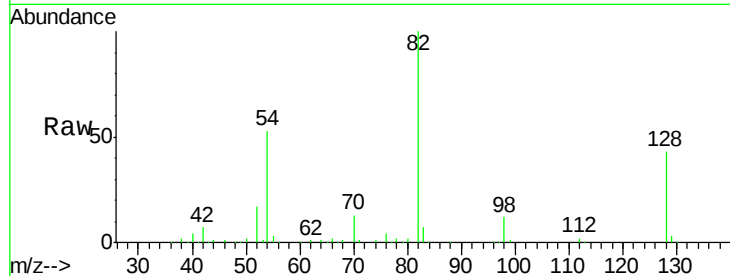
#23
Nitrobenzene-d5
Concen: 72.46 ng
RT: 9.38 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BG021779.D
Acq: 20 Apr 2016 11:08

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B1(0-5)-C

Tot Ion	Ratio	Resp	Lower	Upper
82	100	231539		
128	42.8	33.4	50.0	
54	53.3	46.1	69.1	

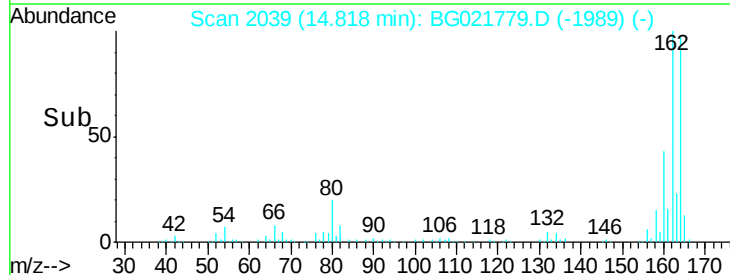
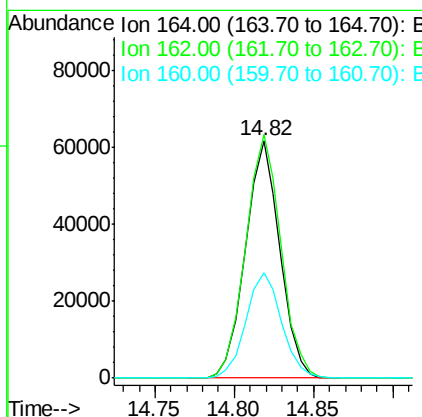
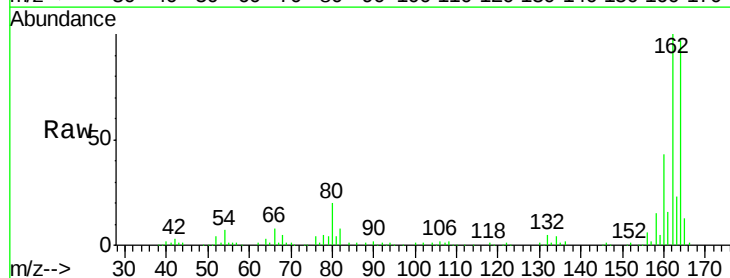
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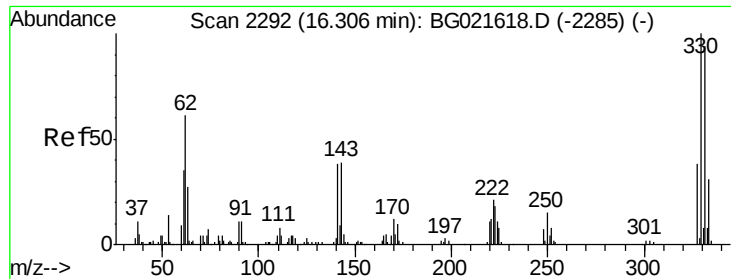
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BG021779.D
Acq: 20 Apr 2016 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	92545		
162	102.6	78.0	117.0	
160	44.2	32.9	49.3	





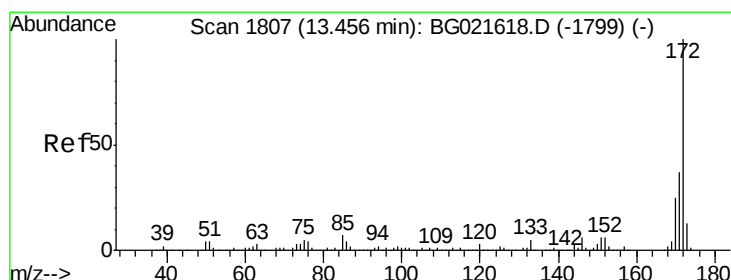
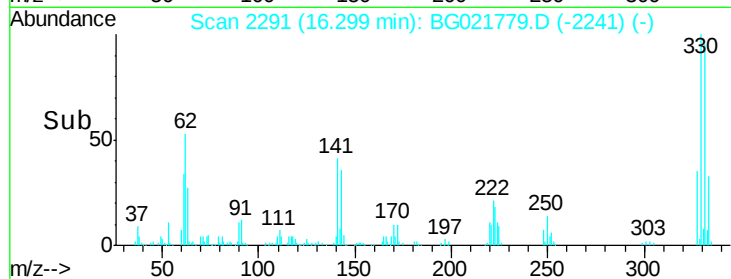
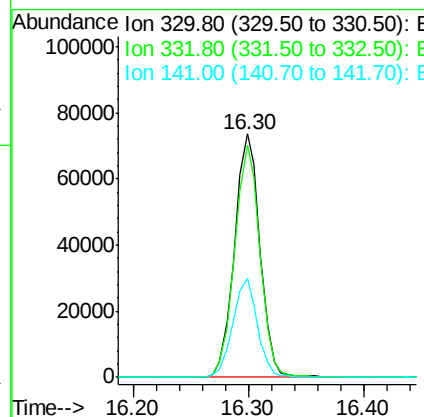
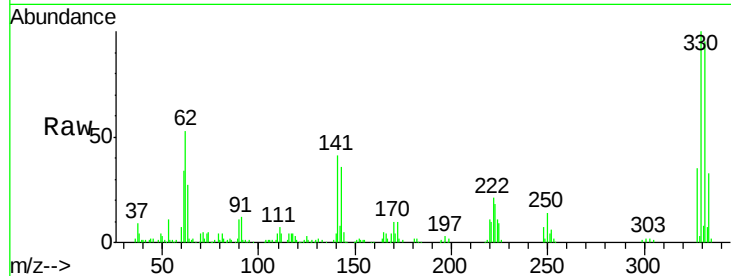
#41
 2,4,6-Tribromophenol
 Concen: 112.28 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG021779.D
 Acq: 20 Apr 2016 11:08

Instrument :
 BNA_G
 ClientSampleId :
 EUT01-TU-B1(0-5)-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100	111989		
332	95.1	78.0	117.0	
141	39.4	33.8	50.8	

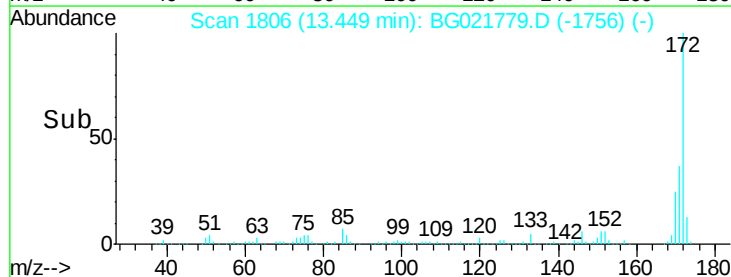
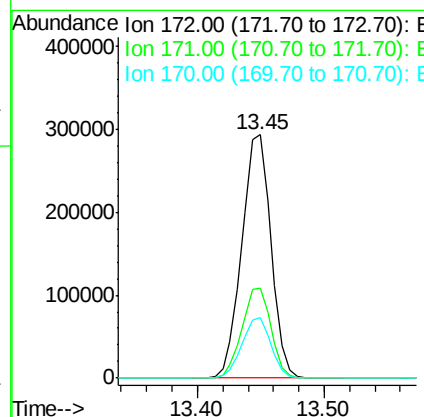
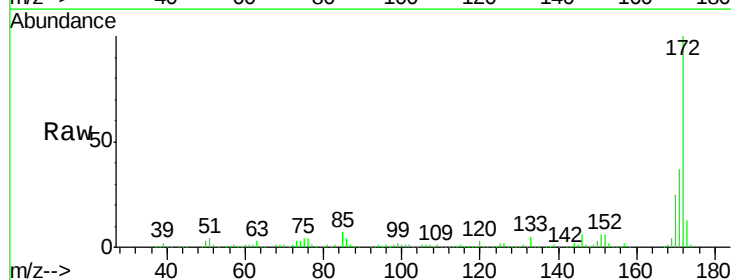
Manual Integrations
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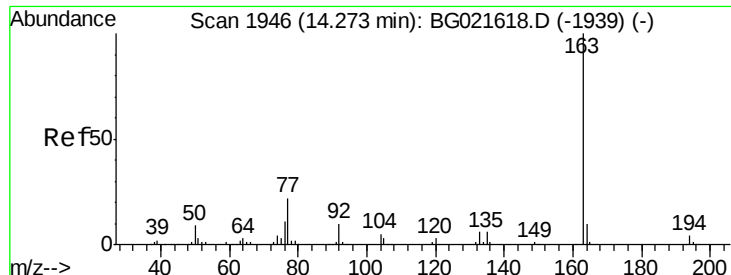
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#44
 2-Fluorobiphenyl
 Concen: 74.03 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021779.D
 Acq: 20 Apr 2016 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	467580		
171	36.8	27.8	41.6	
170	24.9	19.6	29.4	





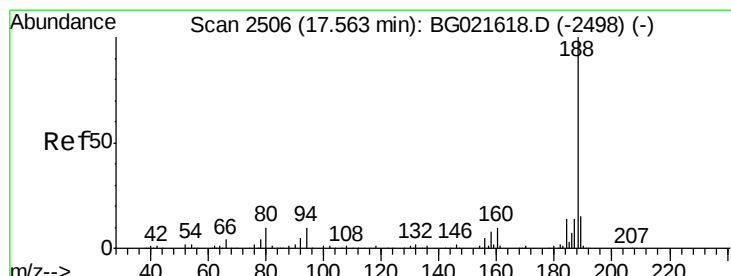
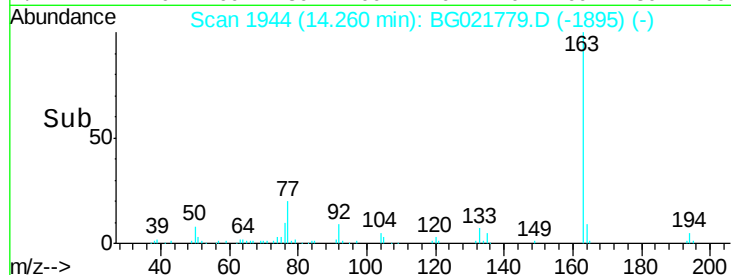
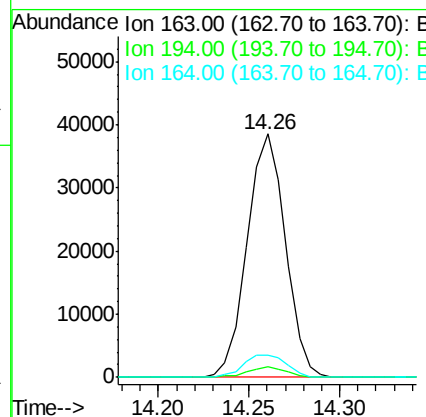
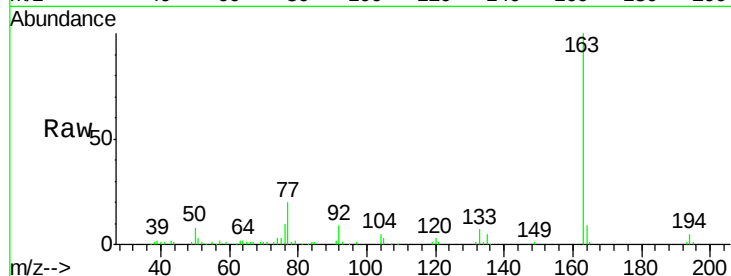
#49
Dimethylphthalate
Concen: 7.07 ng
RT: 14.26 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG021779.D
Acq: 20 Apr 2016 11:08

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B1(0-5)-C

Tot Ion	Ratio	Resp	Lower	Upper
163	100	56541		
194	4.6	3.0	4.6#	
164	9.3	8.1	12.1	

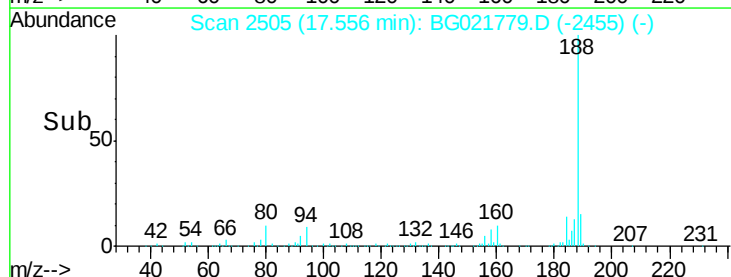
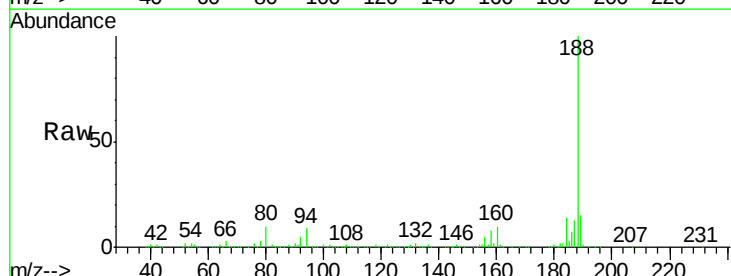
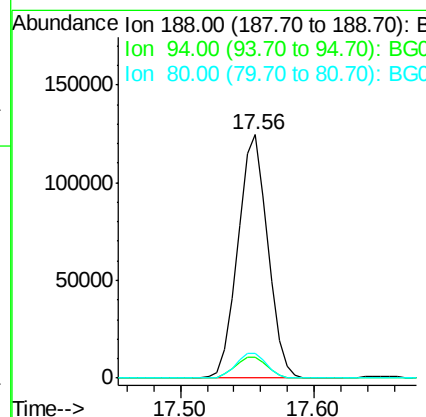
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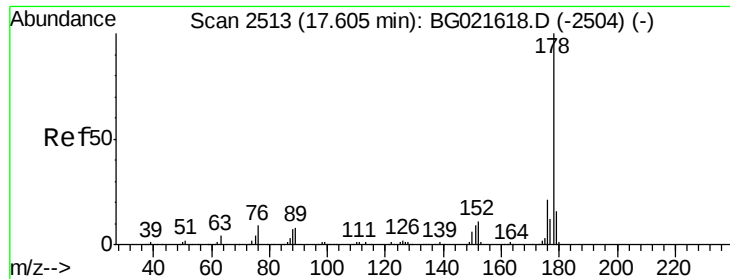
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021779.D
Acq: 20 Apr 2016 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	192735		
94	8.7	7.5	11.3	
80	9.9	8.6	13.0	





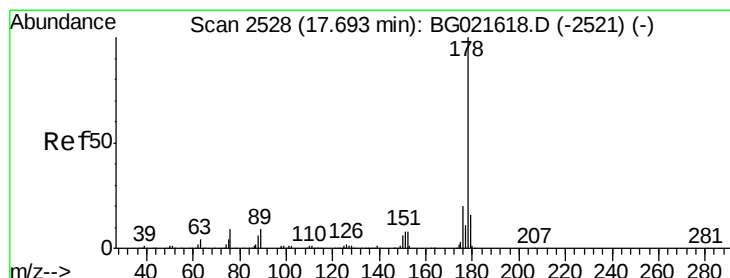
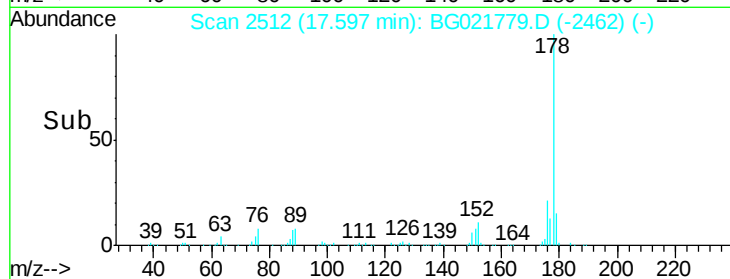
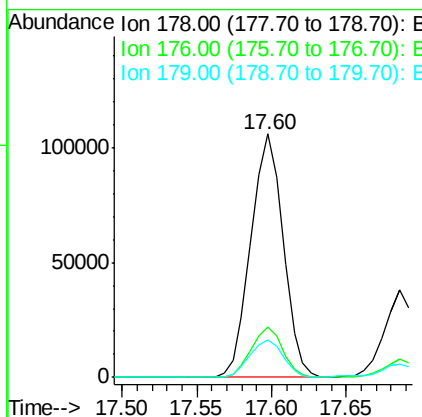
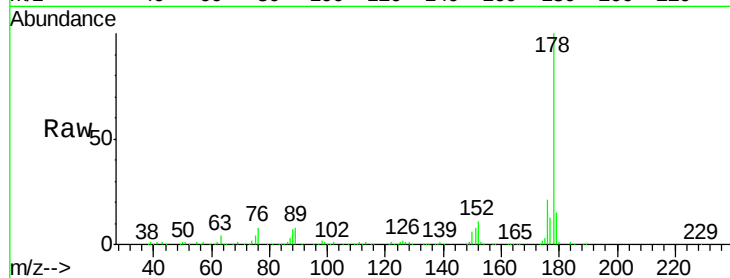
#70
Phenanthrene
Concen: 15.02 ng
RT: 17.60 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BG021779.D
Acq: 20 Apr 2016 11:08

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B1(0-5)-C

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.2	24.4
179	15.3	12.0	18.0

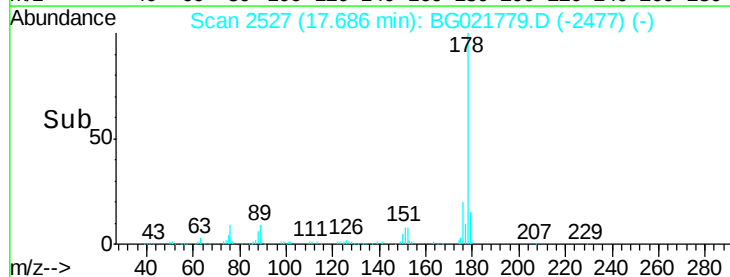
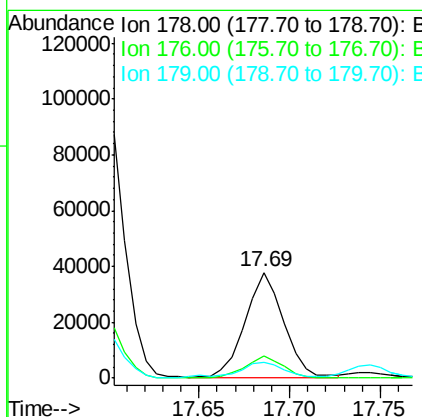
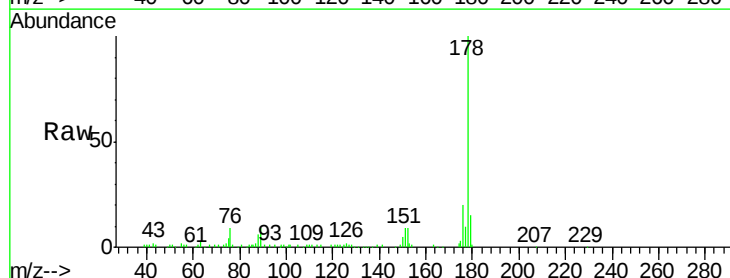
Manual Integrations
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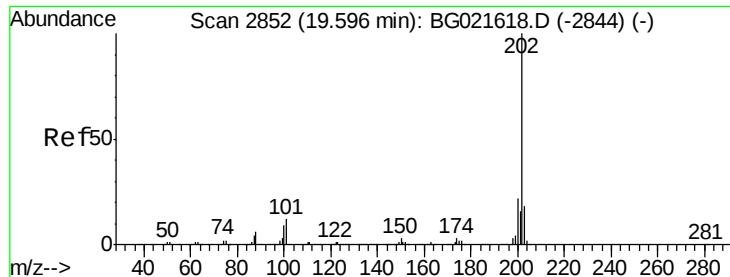
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#71
Anthracene
Concen: 5.07 ng
RT: 17.69 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BG021779.D
Acq: 20 Apr 2016 11:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.0	22.4
179	15.3	12.2	18.4





#74

Fluoranthene

Concen: 62.39 ng

RT: 19.60 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BG021779.D

Acq: 20 Apr 2016 11:08

Instrument :

BNA_G

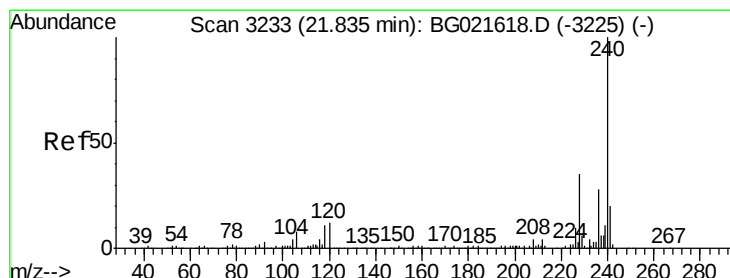
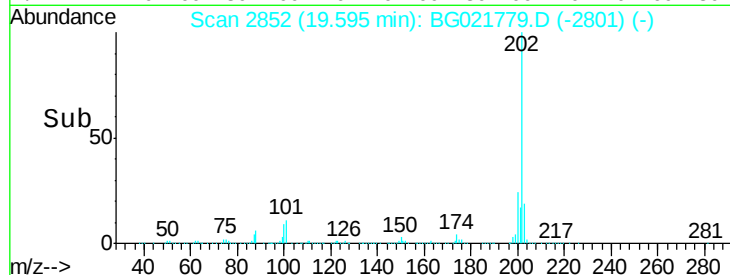
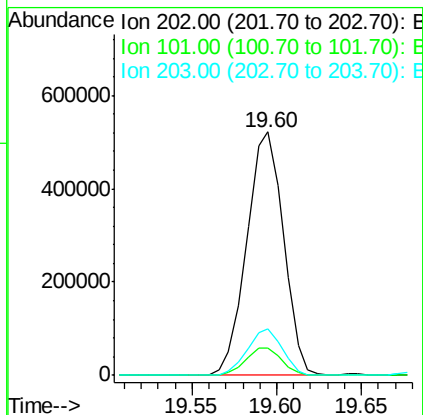
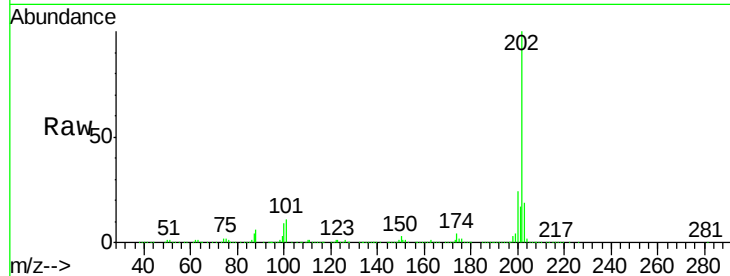
ClientSampleId :

EUT01-TU-B1(0-5)-C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		791404		
101	11.5	0.0	31.0		
203	19.3	0.0	37.9		

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

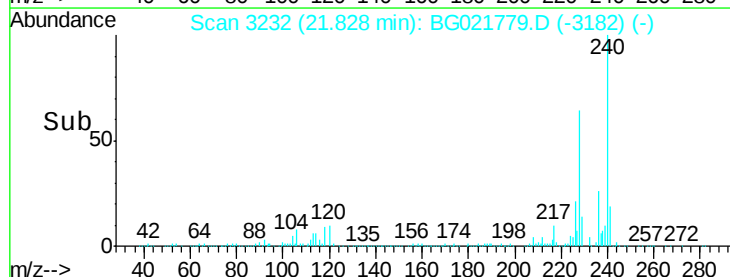
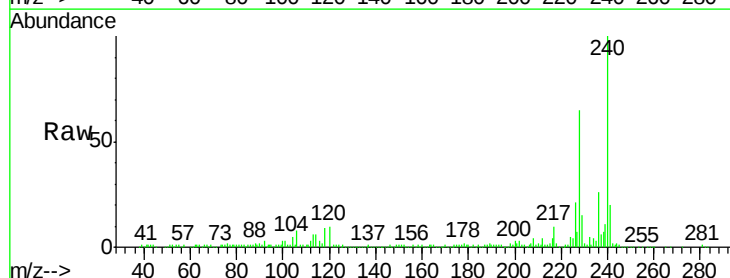
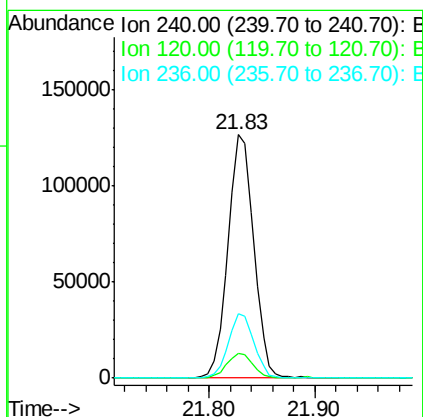
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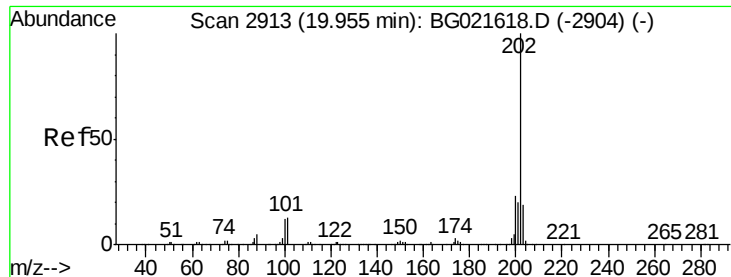
Delta R.T. -0.01 min

Lab File: BG021779.D

Acq: 20 Apr 2016 11:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		212698		
120	10.4	8.4	12.6		
236	26.4	19.6	29.4		





#77

Pvrene

Concen: 56.47 ng

RT: 19.95 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BG021779.D

Acq: 20 Apr 2016 11:08

Instrument :

BNA_G

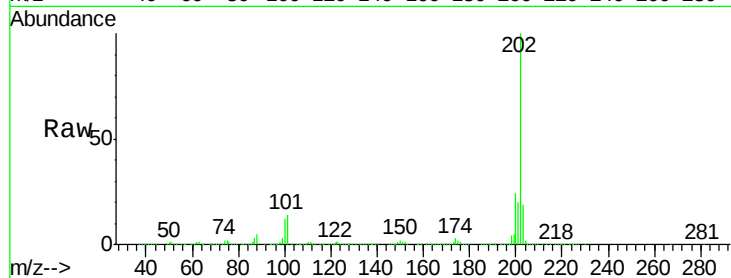
ClientSampleId :

EUT01-TU-B1(0-5)-C

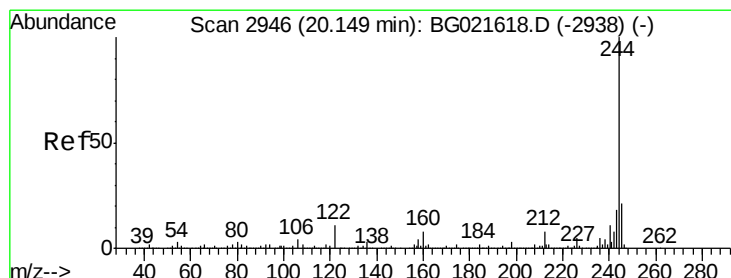
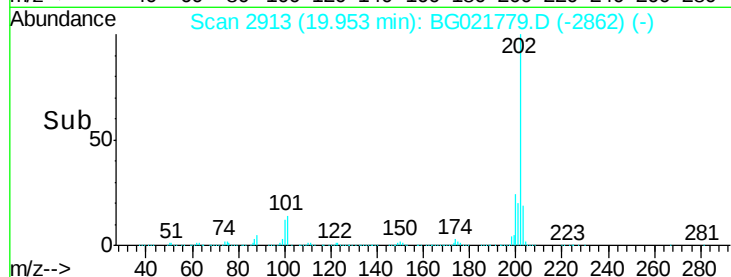
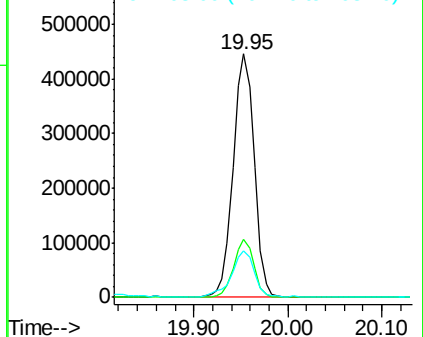
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		692594		
200	23.6	18.2	27.2		
203	19.0	15.0	22.4		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 64.32 ng

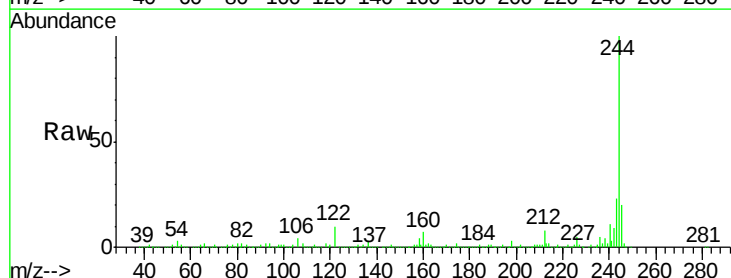
RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

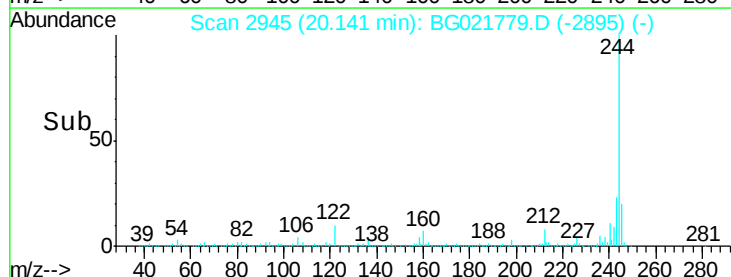
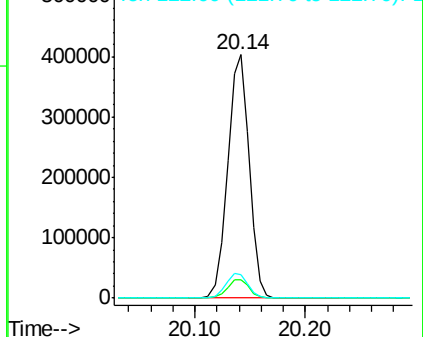
Lab File: BG021779.D

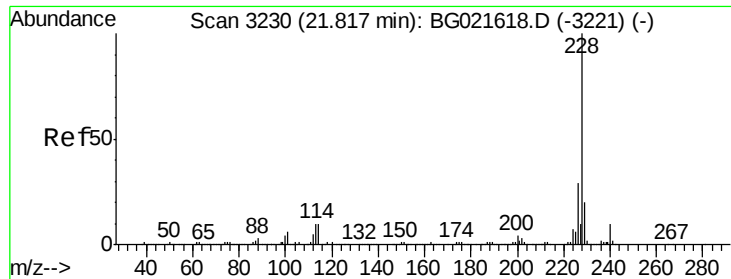
Acq: 20 Apr 2016 11:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		548322		
212	7.7	6.5	9.7		
122	9.8	8.6	12.8		



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





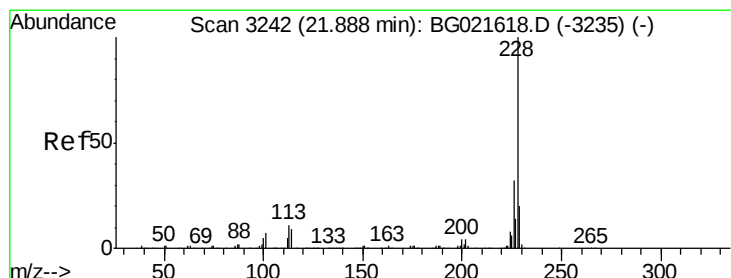
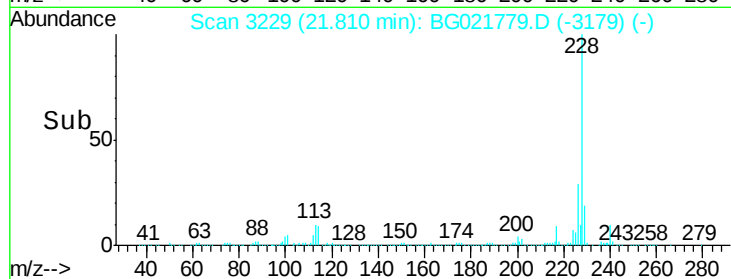
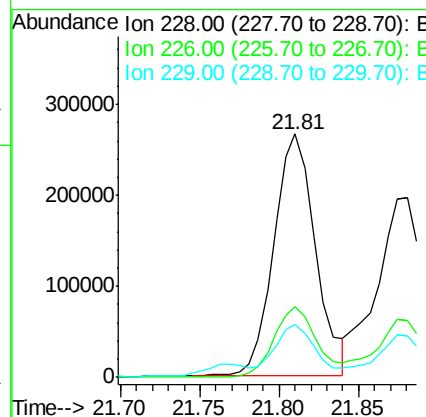
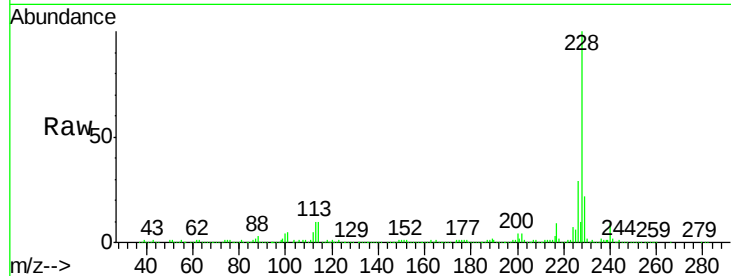
#80
Benzo(a)anthracene
Concen: 39.74 ng
RT: 21.81 min Scan# 3229
Delta R.T. -0.01 min
Lab File: BG021779.D
Acq: 20 Apr 2016 11:08

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B1(0-5)-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	34.0
229	21.7	16.1	24.1

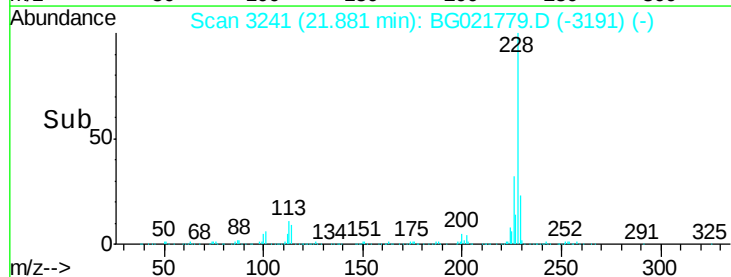
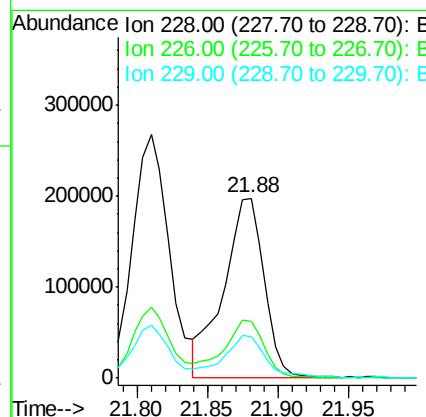
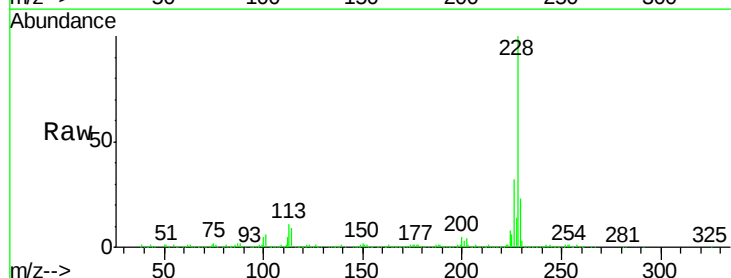
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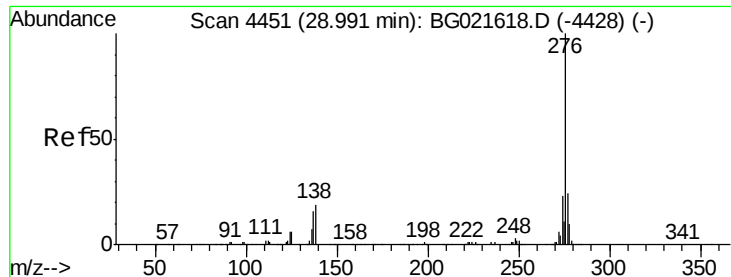
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#82
Chrysene
Concen: 33.20 ng
RT: 21.88 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BG021779.D
Acq: 20 Apr 2016 11:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.4	38.0
229	23.0	15.9	23.9





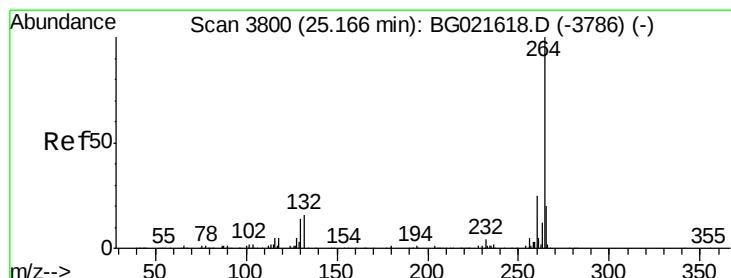
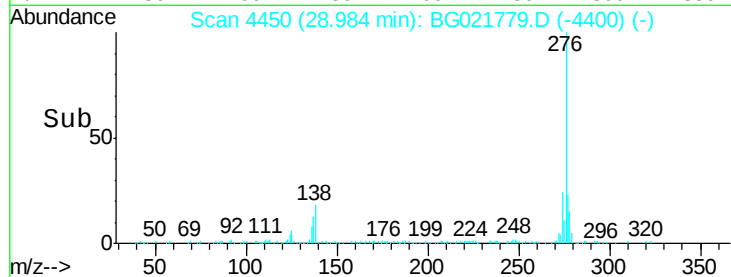
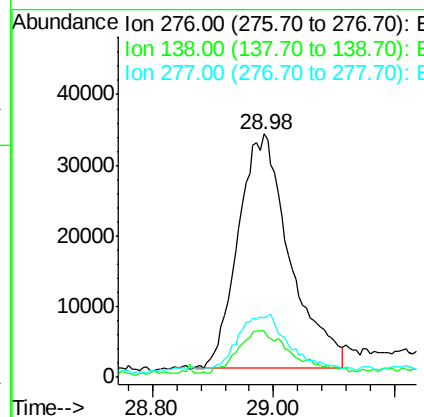
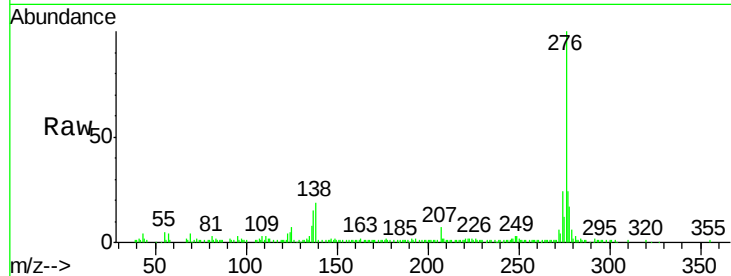
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 14.08 ng
 RT: 28.98 min Scan# 4450
 Delta R.T. -0.01 min
 Lab File: BG021779.D
 Acq: 20 Apr 2016 11:08

Instrument :
 BNA_G
 ClientSampleId :
 EUT01-TU-B1(0-5)-C

Tot Ion	Ratio	Resp	Lower	Upper
276	100	196852		
138	19.1		14.0	21.0
277	22.7		20.6	30.8

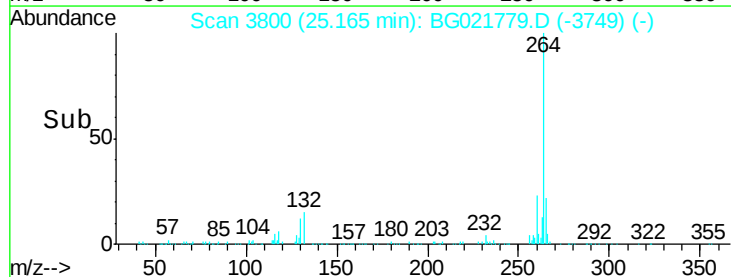
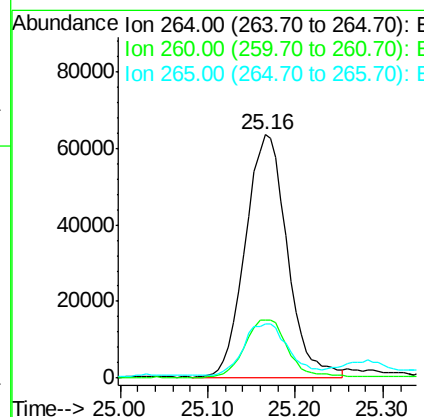
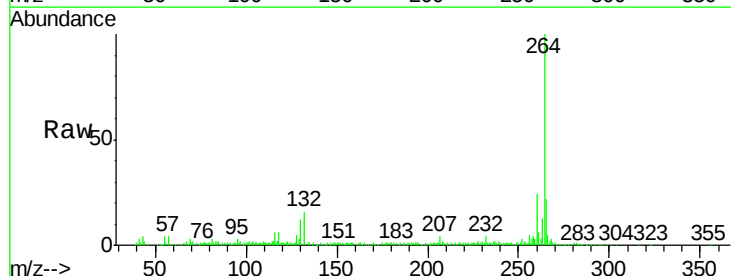
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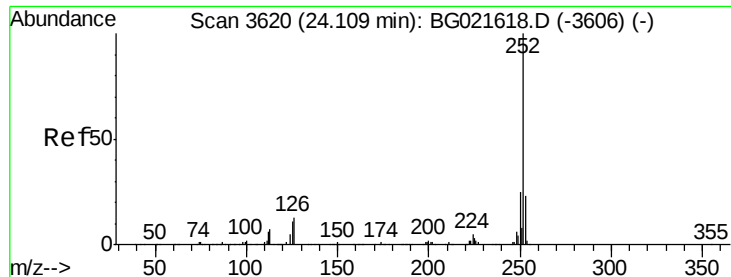
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.16 min Scan# 3800
 Delta R.T. -0.00 min
 Lab File: BG021779.D
 Acq: 20 Apr 2016 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	206617		
260	23.8		20.2	30.4
265	22.4		17.8	26.8





#87

Benzo(b)fluoranthene

Concen: 48.62 ng

RT: 24.11 min Scan# 3620

Delta R.T. -0.00 min

Lab File: BG021779.D

Acq: 20 Apr 2016 11:08

Instrument :

BNA_G

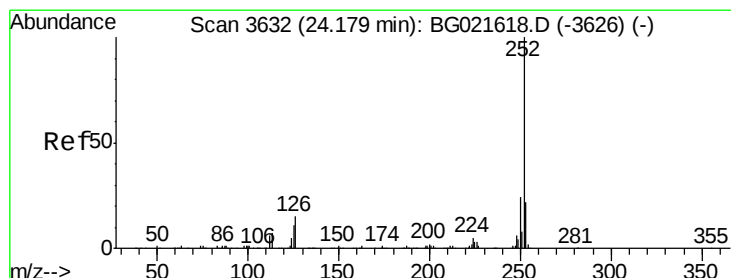
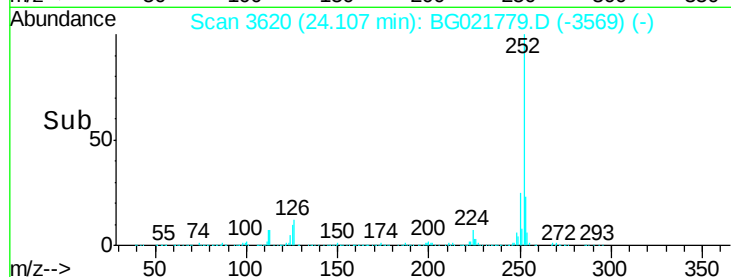
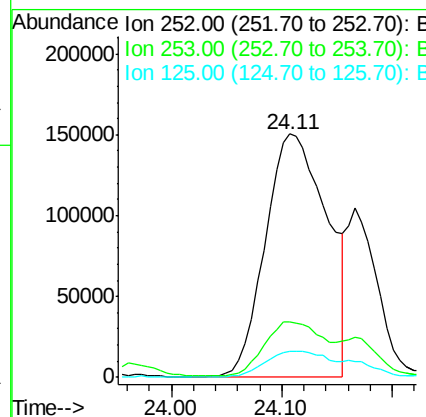
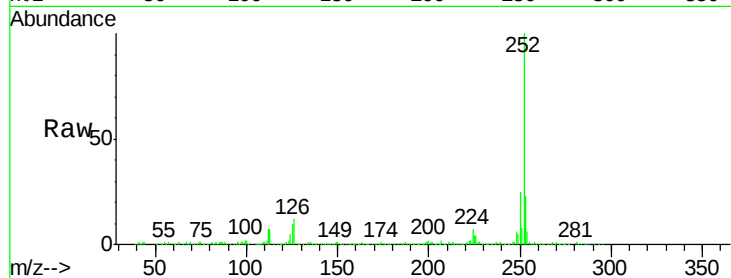
ClientSampleId :

EUT01-TU-B1(0-5)-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	10.5	8.6	13.0

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#88

Benzo(k)fluoranthene

Concen: 17.85 ng m

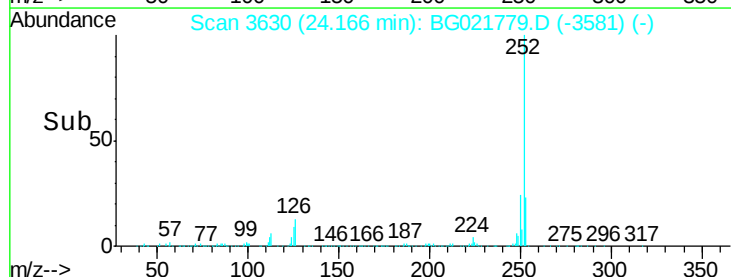
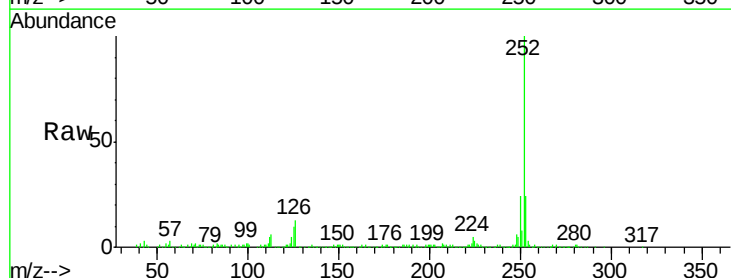
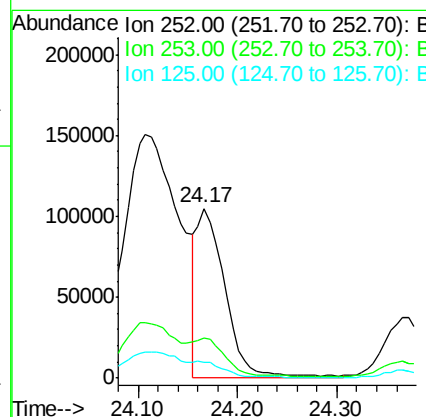
RT: 24.17 min Scan# 3630

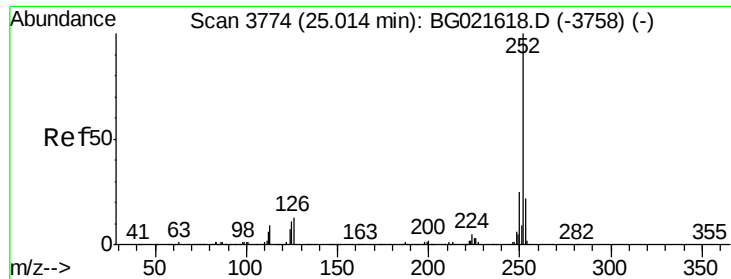
Delta R.T. -0.01 min

Lab File: BG021779.D

Acq: 20 Apr 2016 11:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.8
125	9.5	8.3	12.5





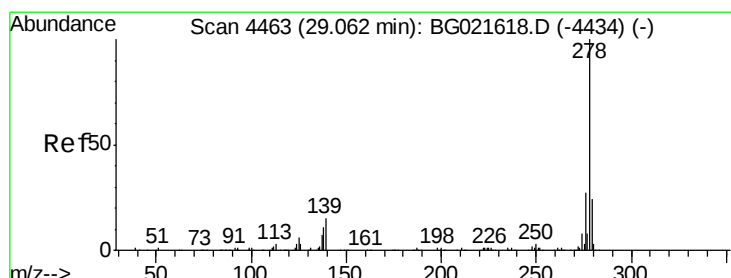
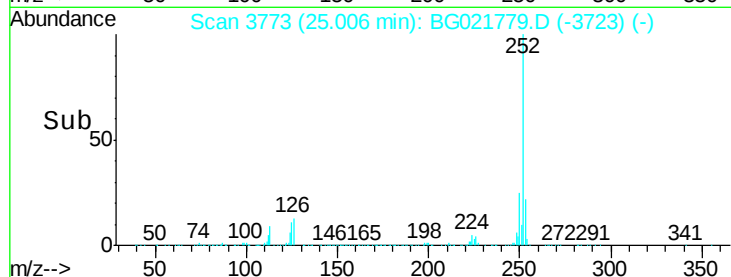
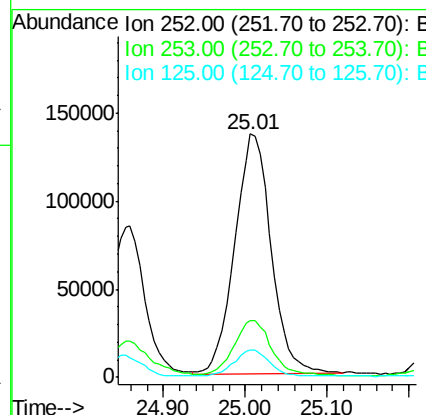
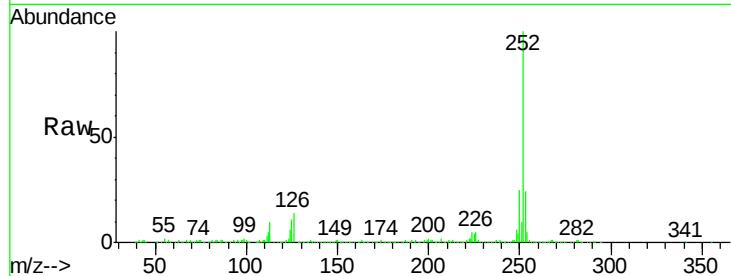
#89
Benzo(a)pyrene
Concen: 36.46 ng
RT: 25.01 min Scan# 3773
Delta R.T. -0.01 min
Lab File: BG021779.D
Acq: 20 Apr 2016 11:08

Instrument :
BNA_G
ClientSampleId :
EUT01-TU-B1(0-5)-C

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.5	17.1	25.7	
125	11.3	9.6	14.4	

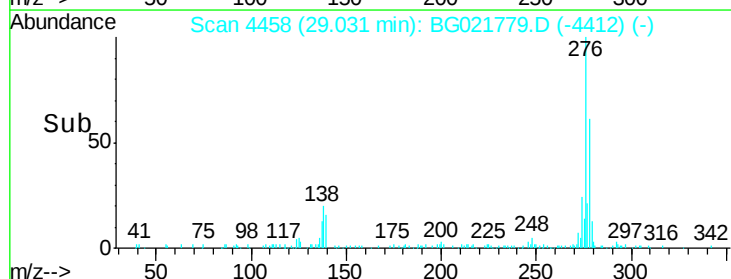
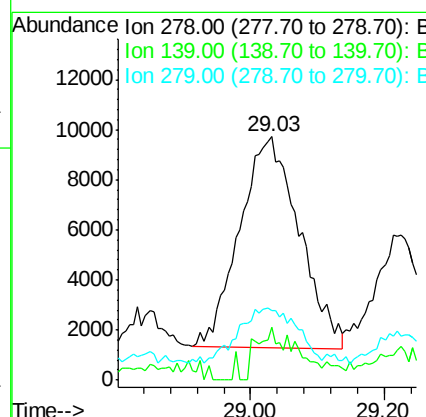
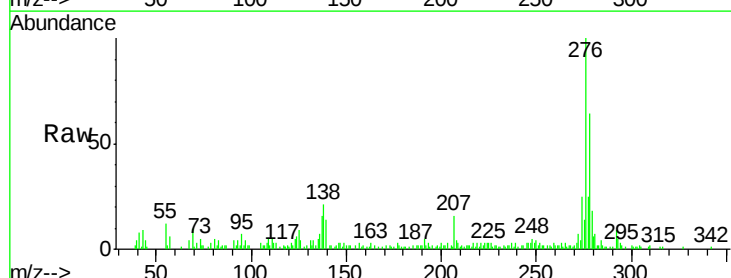
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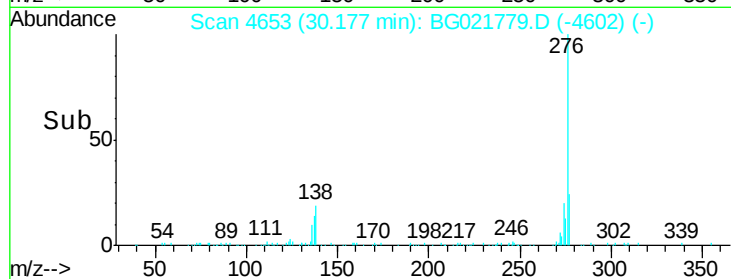
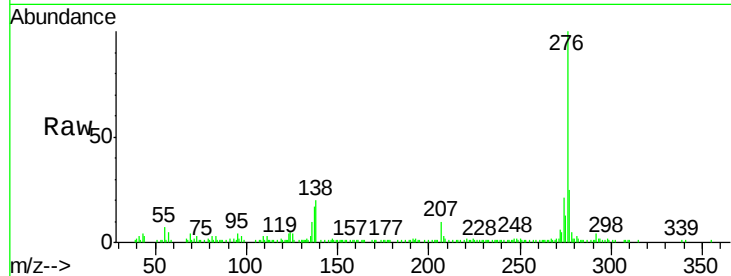
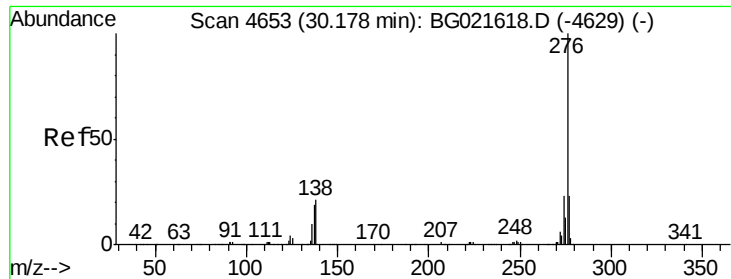
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#90
Dibenzo(a,h)anthracene
Concen: 4.49 ng
RT: 29.03 min Scan# 4458
Delta R.T. -0.03 min
Lab File: BG021779.D
Acq: 20 Apr 2016 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	21.8	11.9	17.9#	
279	28.4	18.2	27.2#	





#91

Benzo(a,h,i)perylene

Concen: 14.29 ng

RT: 30.18 min Scan# 4653

Delta R.T. -0.00 min

Lab File: BG021779.D

Acq: 20 Apr 2016 11:08

Tot Ion:	276	Resp:	163334
Ion Ratio		Lower	Upper
276	100		
277	25.4	19.4	29.2
138	19.6	17.4	26.0

Instrument :

BNA_G

ClientSampleId :

EUT01-TU-B1(0-5)-C

Manual Integrations
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4/21/2016 10:37:50 AM

