

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
 Data File : BG021219.D
 Acq On : 2 Mar 2016 19:02
 Operator : UM/SJ
 Sample : H1529-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EDGE-WASTE

Manual Integrations
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Sohil
 3/3/2016 8:23:20 AM

Quant Time: Mar 03 00:48:42 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 11:46:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	11609	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	58372	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	34769	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	74773	20.00	ng	0.00
75) Chrysene-d12	21.76	240	81185	20.00	ng	0.00
86) Perylene-d12	25.05	264	77017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	65639	89.89	ng	0.00
7) Phenol-d6	7.30	99	103752	86.41	ng	0.00
23) Nitrobenzene-d5	9.31	82	73510	53.29	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	29191	80.69	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	113658	46.42	ng	0.00
78) Terphenyl-d14	20.09	244	129336	38.59	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.20	163	22329	7.21	ng	# 98
70) Phenanthrene	17.54	178	32722	8.11	ng	98
74) Fluoranthene	19.54	202	104079	21.95	ng	98
77) Pyrene	19.89	202	82617	17.06	ng	97
80) Benzo(a)anthracene	21.75	228	37580	7.82	ng	99
82) Chrysene	21.81	228	53743	11.80	ng	99
85) Indeno(1,2,3-cd)pyrene	28.78	276	29624	5.67	ng	# 89
87) Benzo(b)fluoranthene	24.00	252	69294	14.30	ng	95
88) Benzo(k)fluoranthene	24.07	252	26222m	5.40	ng	
89) Benzo(a)pyrene	24.89	252	41391	8.84	ng	96
91) Benzo(g,h,i)perylene	29.95	276	28418	6.35	ng	# 92

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

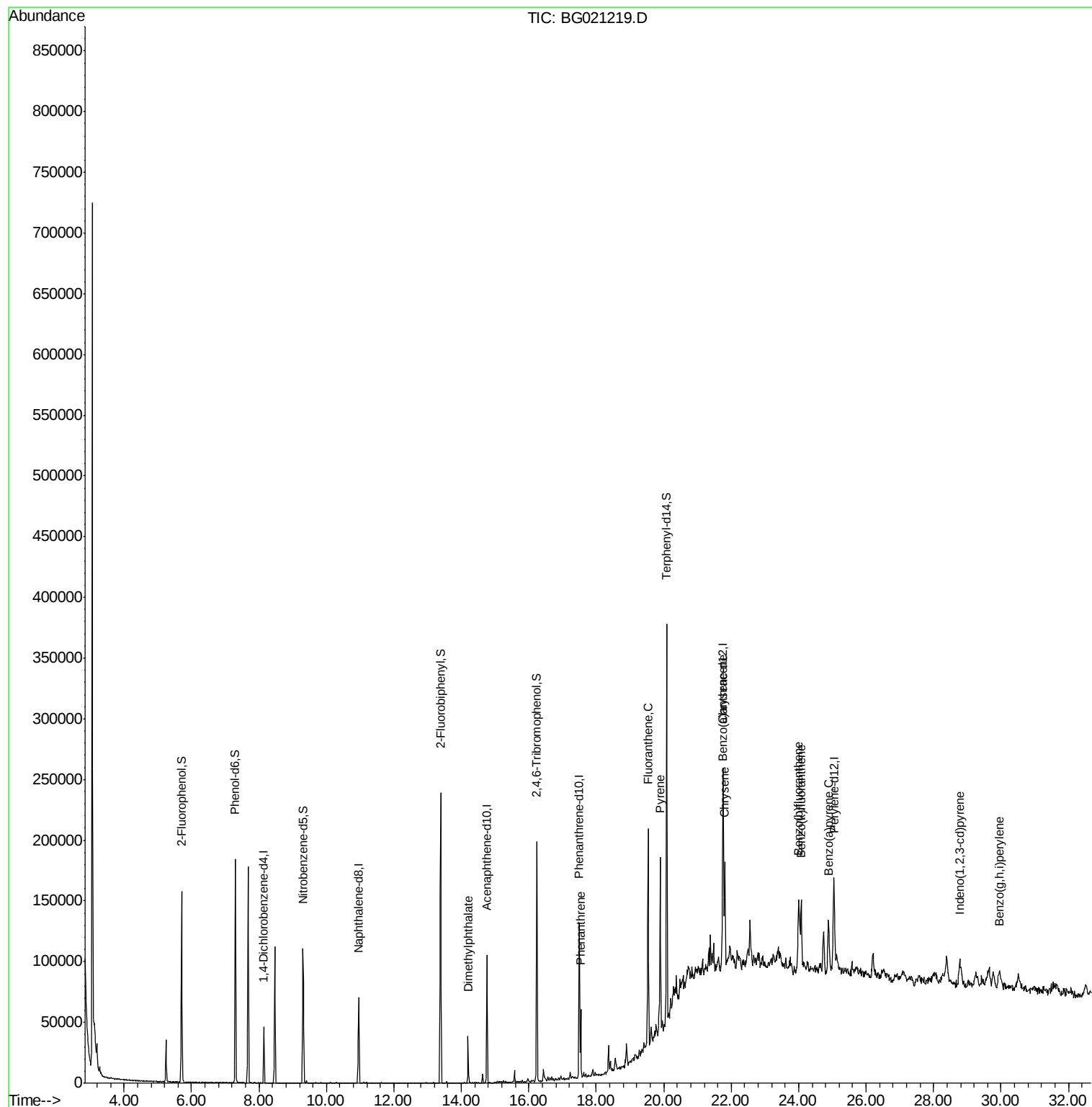
Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021219.D
Acq On : 2 Mar 2016 19:02
Operator : UM/SJ
Sample : H1529-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

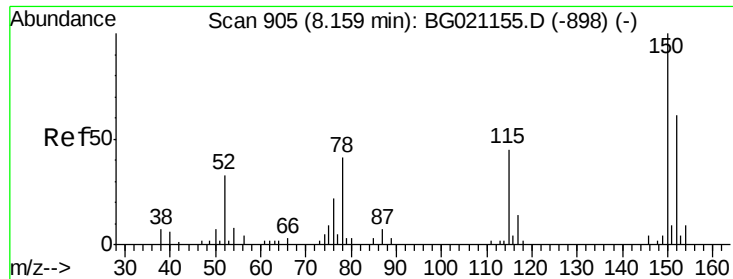
Instrument :
BNA_G
ClientSampleId :
EDGE-WASTE

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Quant Time: Mar 03 00:48:42 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 11:46:16 2016
Response via : Initial Calibration





#1

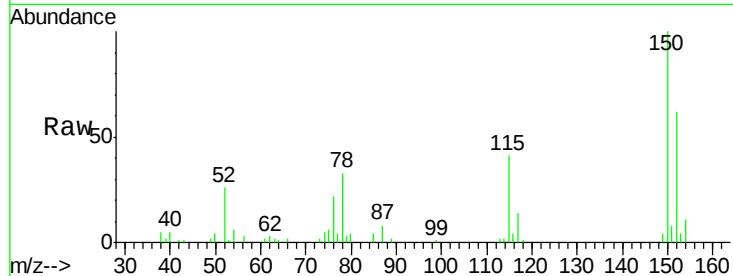
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG021219.D
Acq: 2 Mar 2016 19:02

Instrument :
BNA_G
ClientSampleId :
EDGE-WASTE

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	123.4	185.2
115	64.9	43.3	64.9

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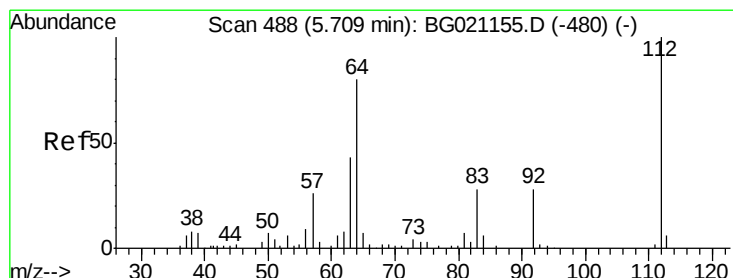
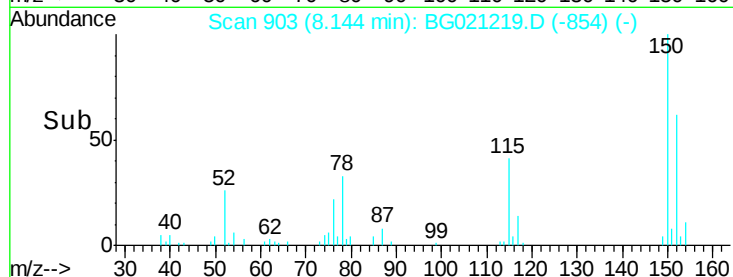
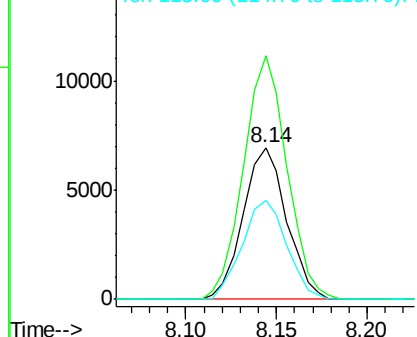


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

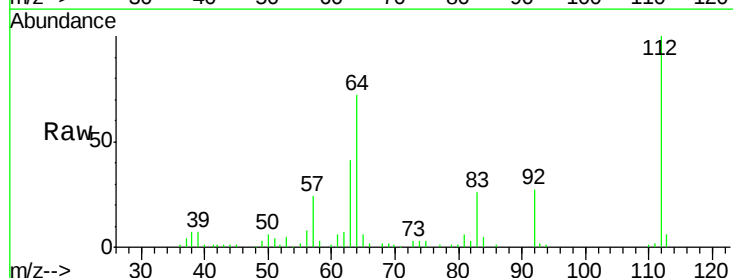
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 89.89 ng
RT: 5.71 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG021219.D
Acq: 2 Mar 2016 19:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.2	42.6	63.8#
63	41.3	21.7	32.5#

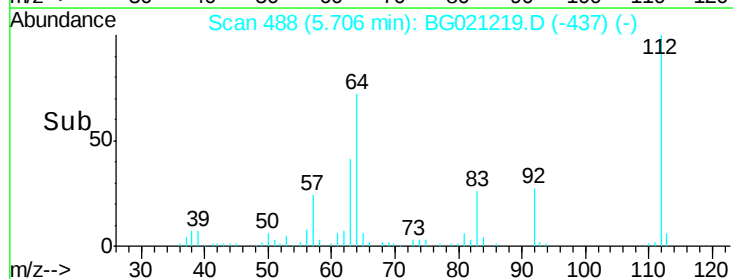
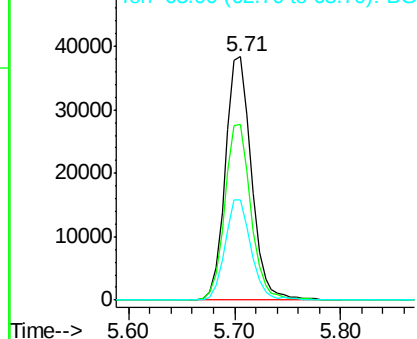


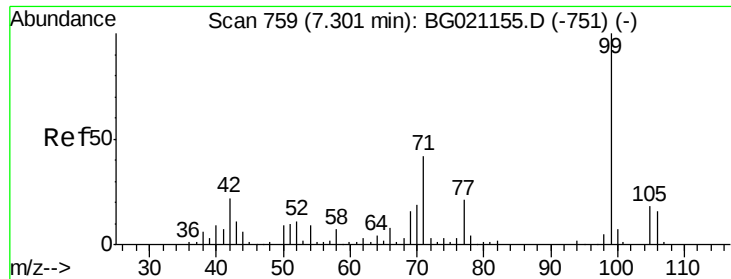
Abundance

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: 86.41 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG021219.D

Acq: 2 Mar 2016 19:02

Instrument :

BNA_G

ClientSampleId :

EDGE-WASTE

Tot Ion: 99 Resp: 103752

Ion Ratio Lower Upper

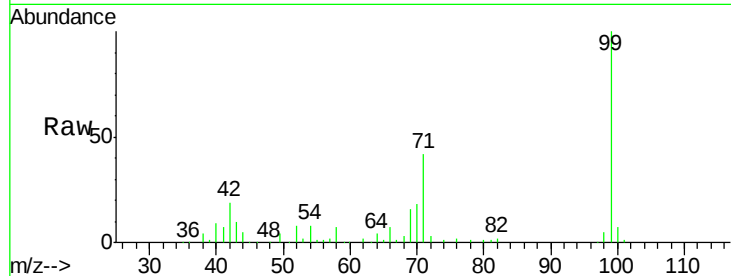
99 100

42 19.3 13.2 19.8

71 42.4 25.2 37.8#

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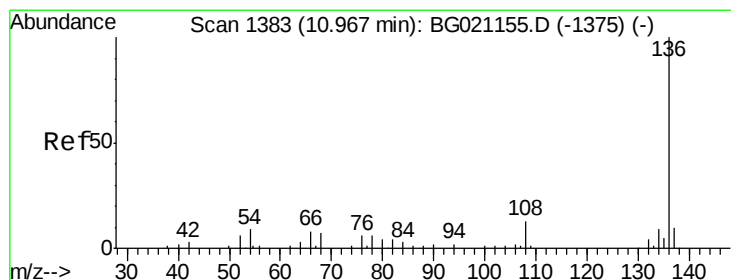
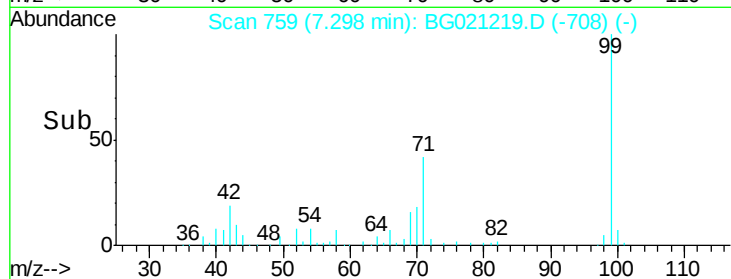
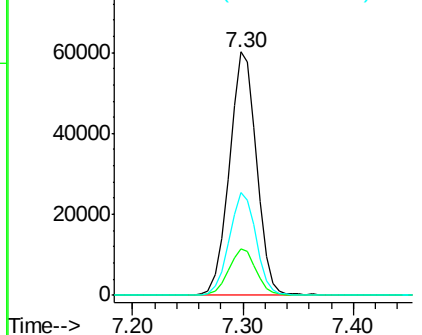


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.96 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BG021219.D

Acq: 2 Mar 2016 19:02

Tgt Ion: 136 Resp: 58372

Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 8.8 6.9 10.3

68 7.3 5.8 8.6

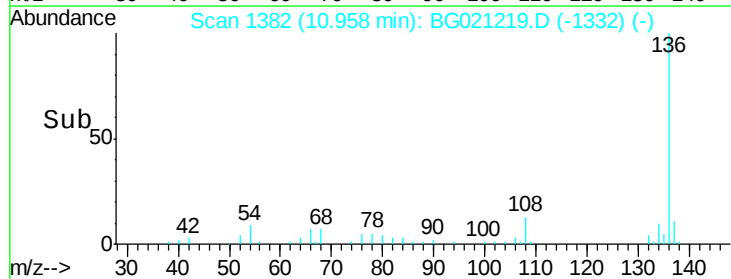
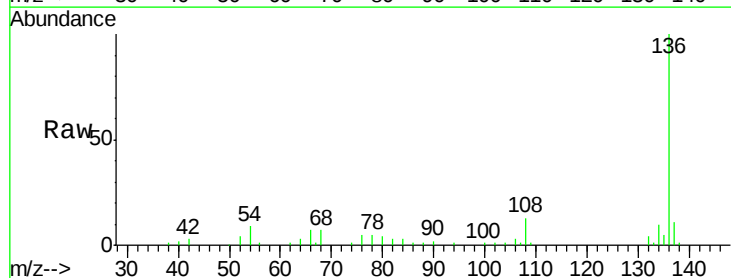
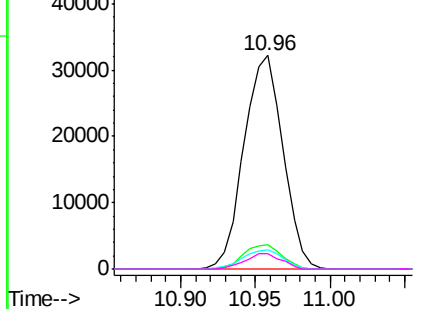
Abundance

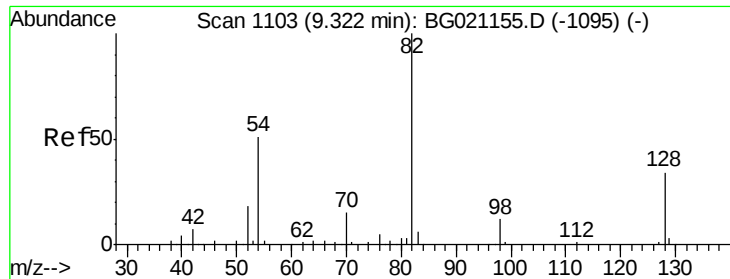
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





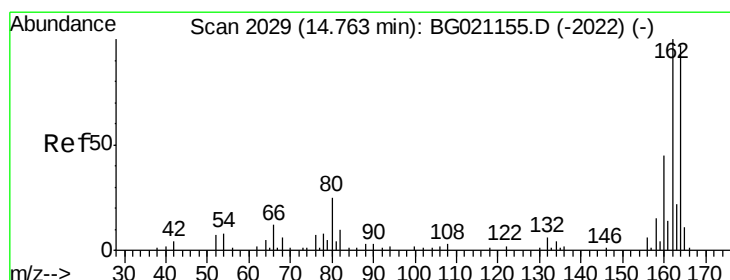
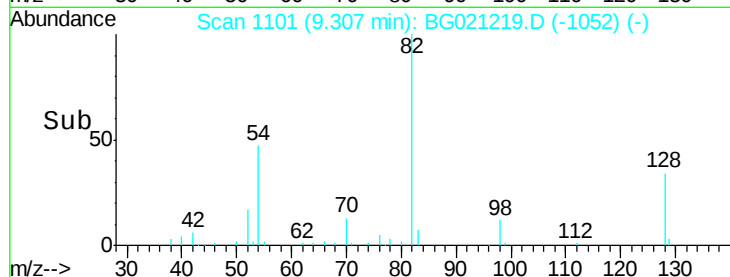
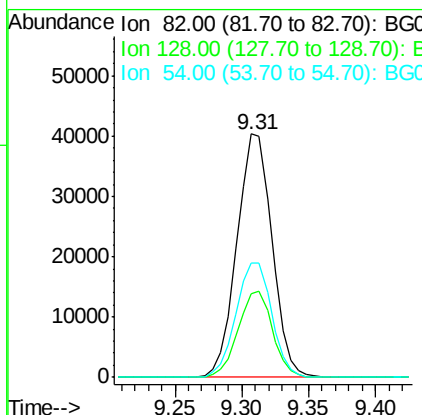
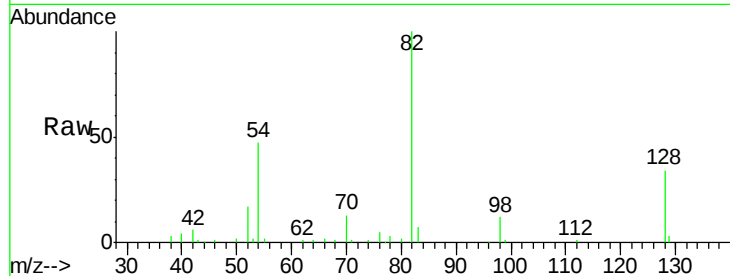
#23
 Nitrobenzene-d5
 Concen: 53.29 ng
 RT: 9.31 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BG021219.D
 Acq: 2 Mar 2016 19:02

Instrument :
 BNA_G
 ClientSampleId :
 EDGE-WASTE

Tot Ion	82	Resp	73510
Ion Ratio	100	Lower	Upper
82	100		
128	34.3	36.3	54.5#
54	46.9	37.6	56.4

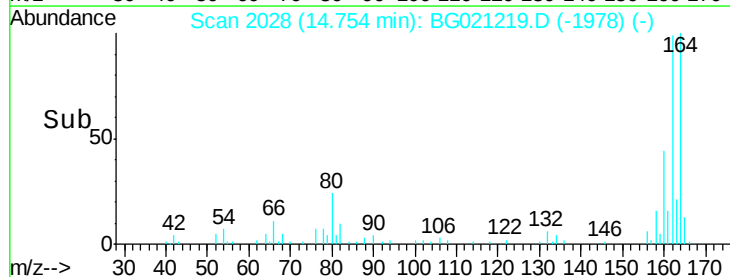
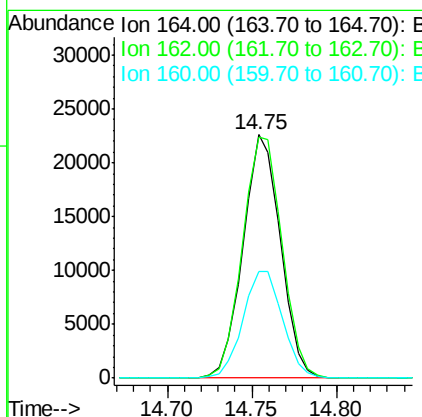
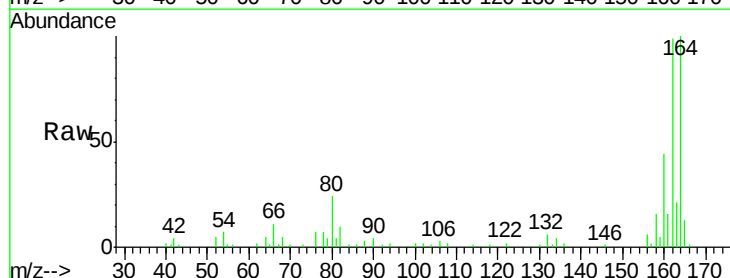
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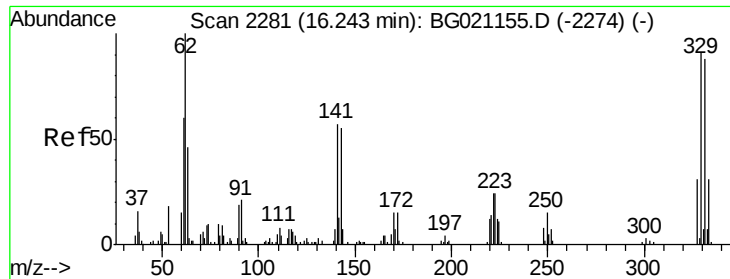
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BG021219.D
 Acq: 2 Mar 2016 19:02

Tgt Ion	164	Resp	34769
Ion Ratio	100	Lower	Upper
164	100		
162	98.9	80.6	120.8
160	43.8	36.5	54.7





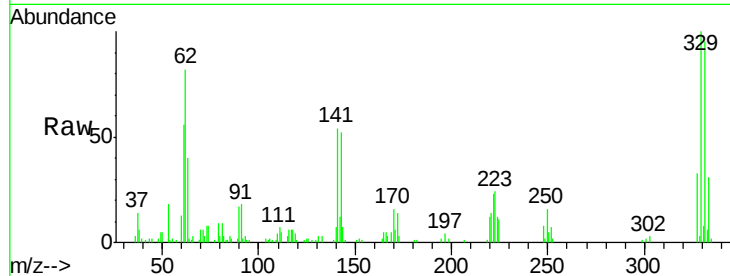
#41
 2,4,6-Tribromophenol
 Concen: 80.69 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG021219.D
 Acq: 2 Mar 2016 19:02

Instrument :
 BNA_G
 ClientSampleId :
 EDGE-WASTE

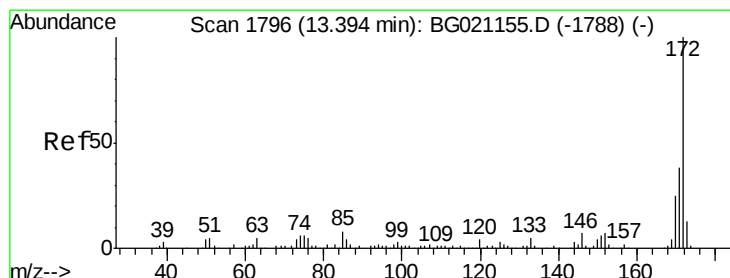
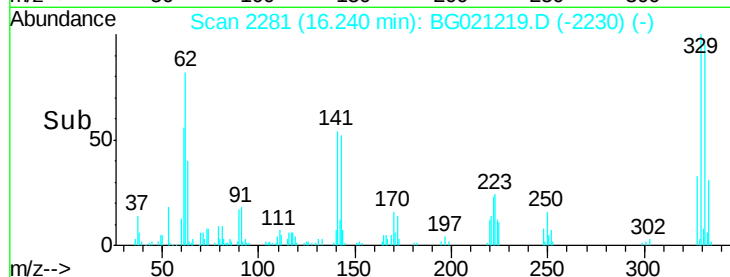
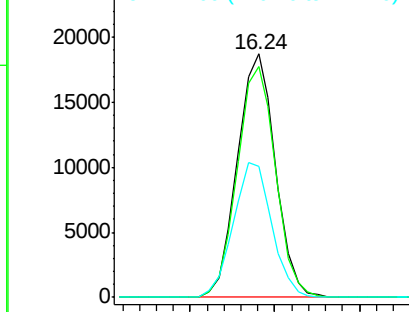
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	77.4	116.0	
141	56.3	35.3	52.9#	

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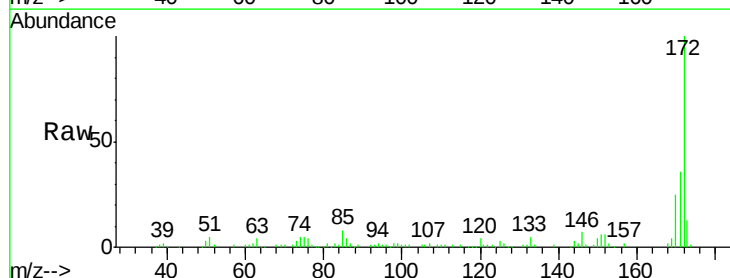


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

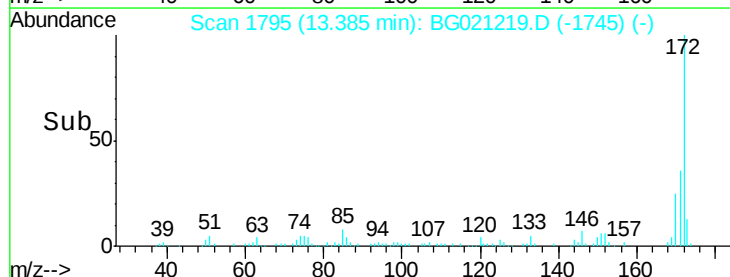
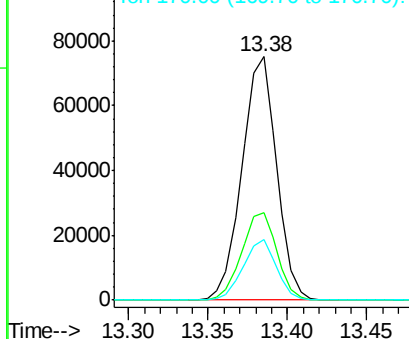


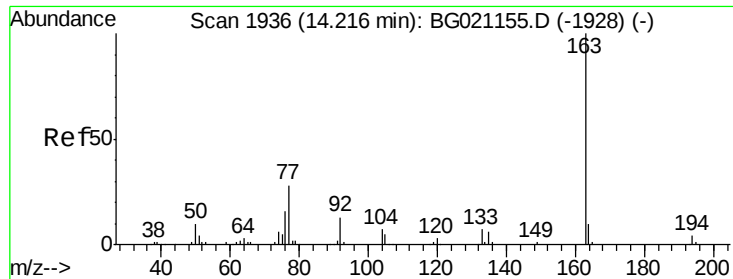
#44
 2-Fluorobiphenyl
 Concen: 46.42 ng
 RT: 13.38 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG021219.D
 Acq: 2 Mar 2016 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.2	29.4	44.0	
170	24.9	19.8	29.8	



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





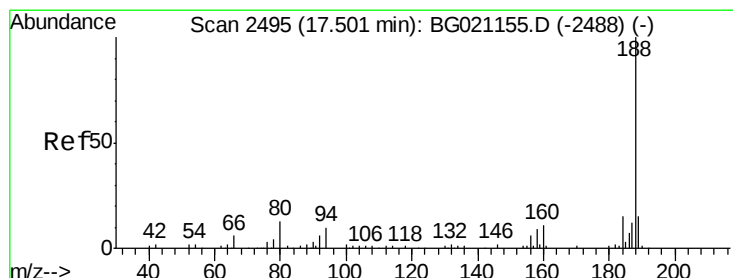
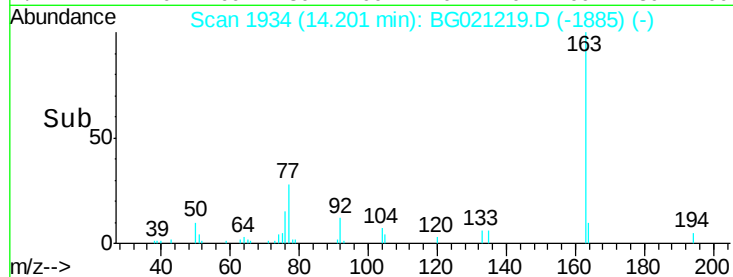
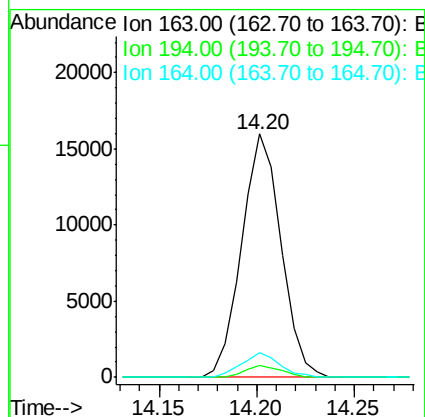
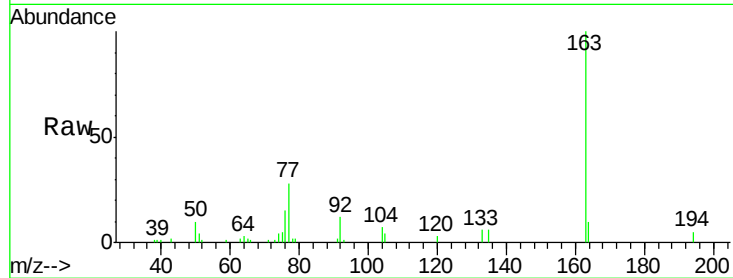
#49
Dimethylphthalate
Concen: 7.21 ng
RT: 14.20 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BG021219.D
Acq: 2 Mar 2016 19:02

Instrument :
BNA_G
ClientSampleId :
EDGE-WASTE

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.8	4.2#
164	10.4	7.9	11.9

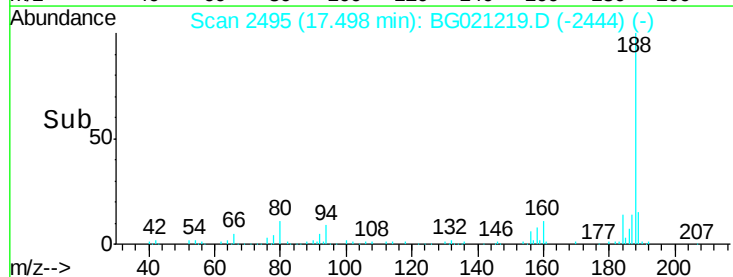
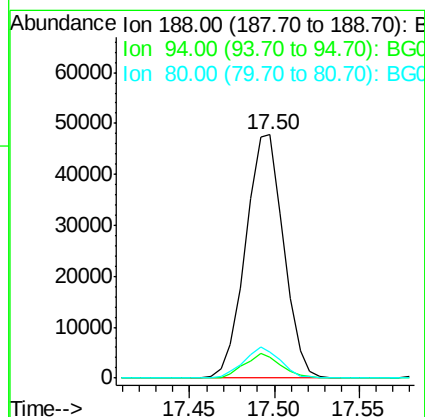
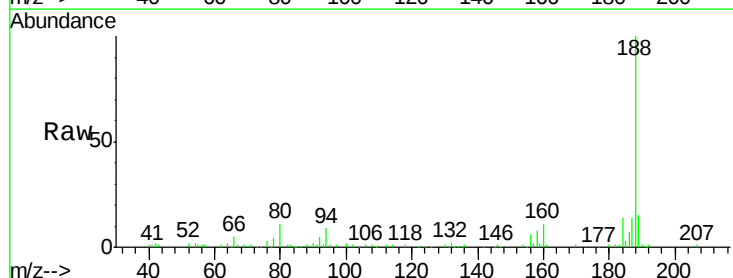
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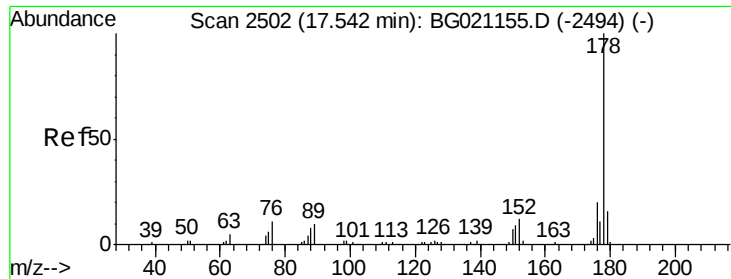
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.00 min
Lab File: BG021219.D
Acq: 2 Mar 2016 19:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.4
80	10.8	9.2	13.8





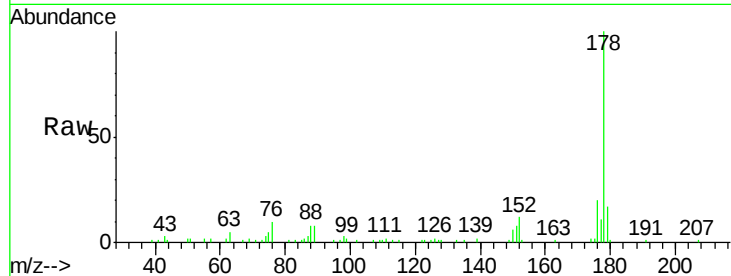
#70
Phenanthrene
Concen: 8.11 ng
RT: 17.54 min Scan# 2502
Delta R.T. -0.00 min
Lab File: BG021219.D
Acq: 2 Mar 2016 19:02

Instrument :
BNA_G
ClientSampleId :
EDGE-WASTE

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	17.3	12.9	19.3

Manual Integrations
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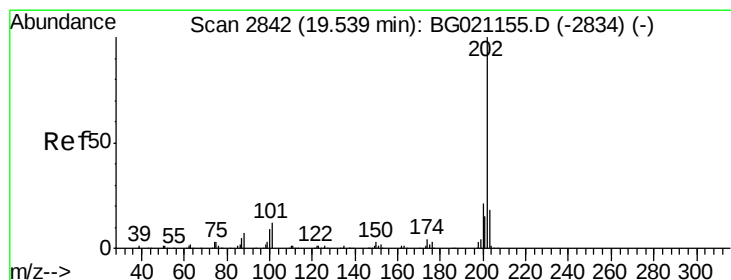
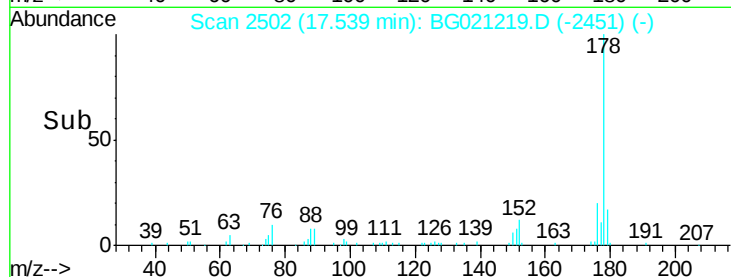
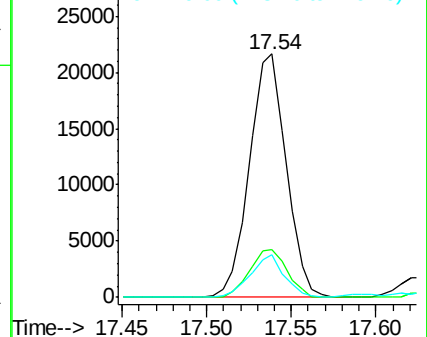


Abundance

Ion 178.00 (177.70 to 178.70): E

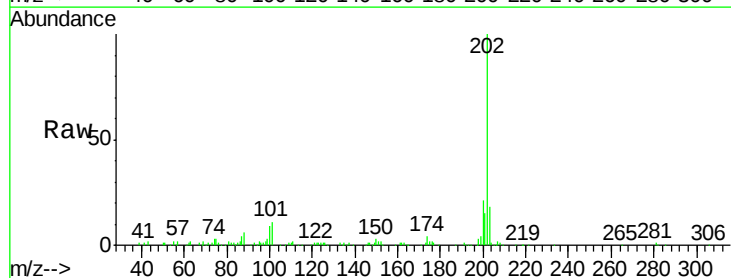
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74
Fluoranthene
Concen: 21.95 ng
RT: 19.54 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BG021219.D
Acq: 2 Mar 2016 19:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	32.5
203	17.7	0.0	37.6

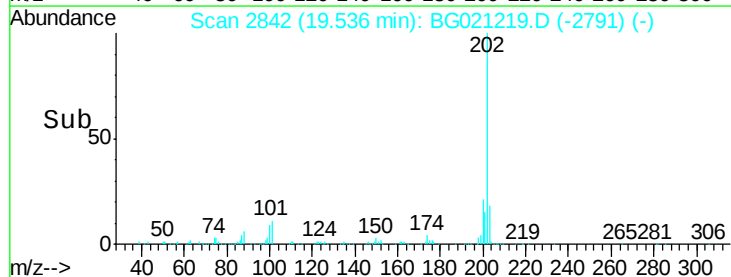
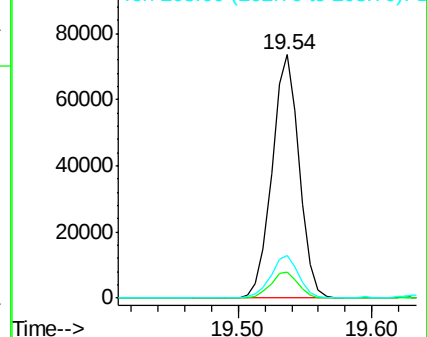


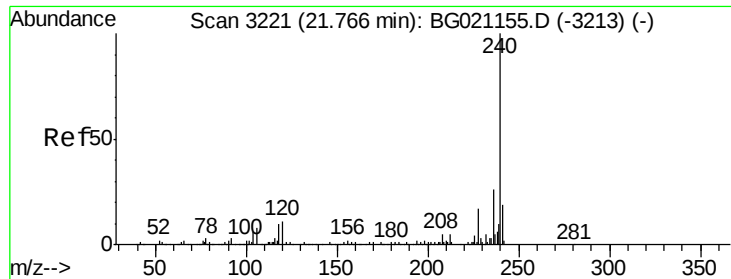
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.00 min

Lab File: BG021219.D

Acq: 2 Mar 2016 19:02

Instrument :

BNA_G

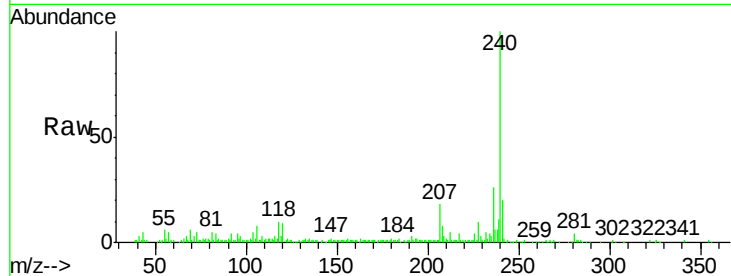
ClientSampleId :

EDGE-WASTE

Tot Ion:	240	Resp:	81185
Ion Ratio	Lower	Upper	
240	100		
120	8.9	7.5	11.3
236	25.6	20.5	30.7

Manual Integrations
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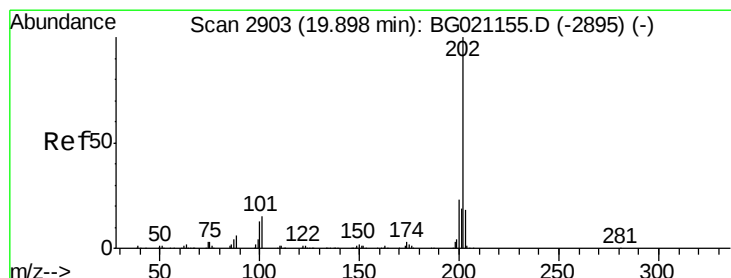
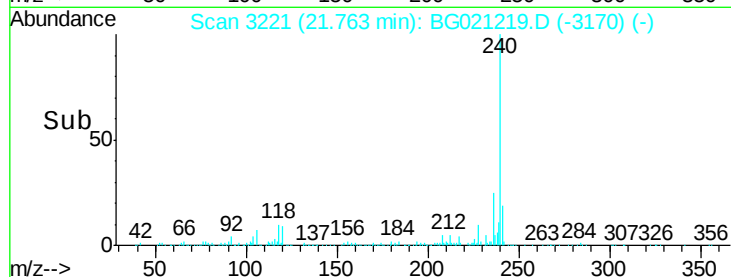
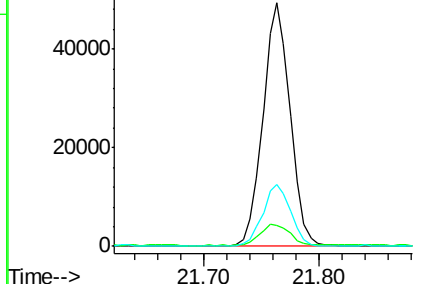
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 17.06 ng

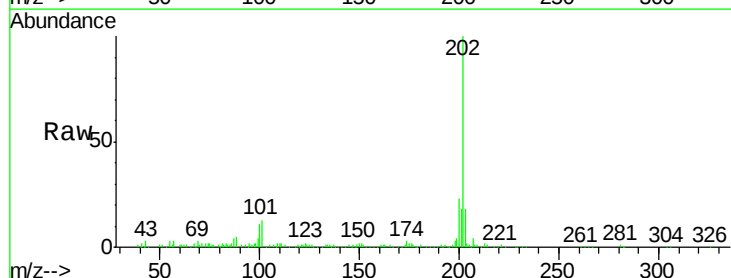
RT: 19.89 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG021219.D

Acq: 2 Mar 2016 19:02

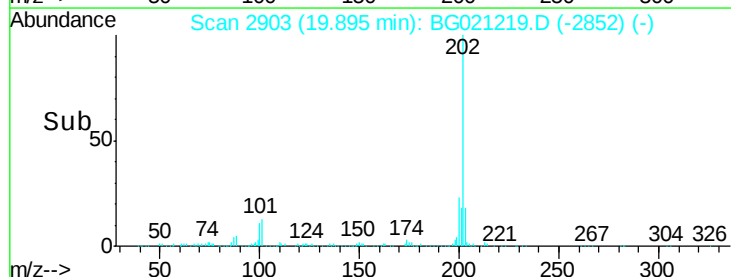
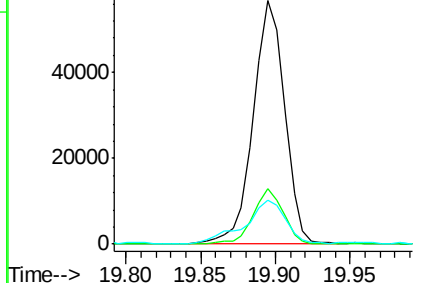
Tgt Ion:	202	Resp:	82617
Ion Ratio	Lower	Upper	
202	100		
200	22.6	16.6	25.0
203	18.1	13.8	20.8

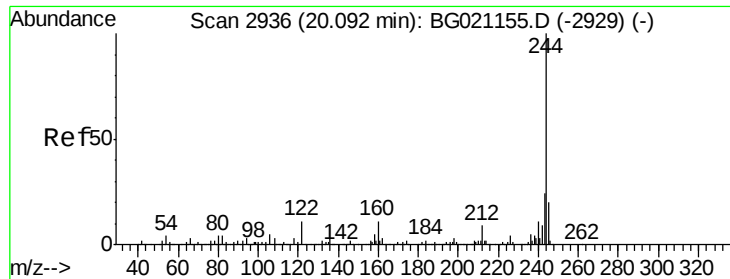


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 38.59 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.00 min

Lab File: BG021219.D

Acq: 2 Mar 2016 19:02

Instrument :

BNA_G

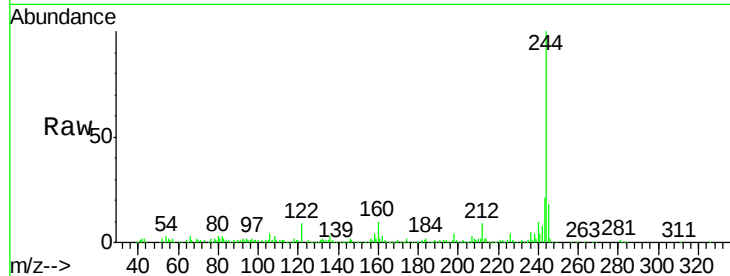
ClientSampleId :

EDGE-WASTE

Tot Ion:	244	Resp:	129336
Ion Ratio	Lower	Upper	
244	100		
212	8.6	5.8	8.6
122	9.4	8.3	12.5

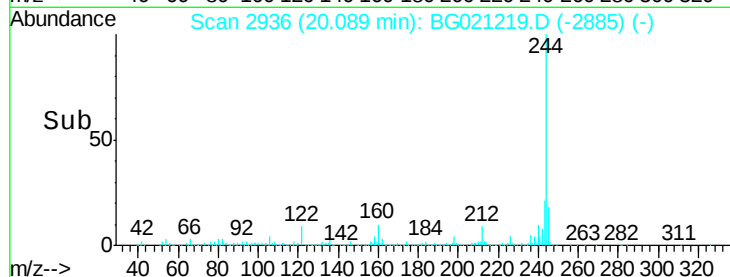
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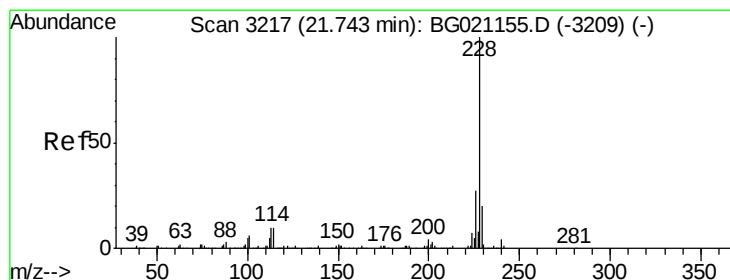


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

20.09



Time--> 20.00 20.05 20.10 20.15



#80

Benzo(a)anthracene

Concen: 7.82 ng

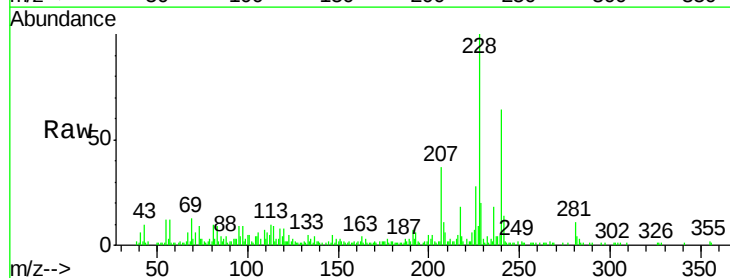
RT: 21.75 min Scan# 3218

Delta R.T. 0.00 min

Lab File: BG021219.D

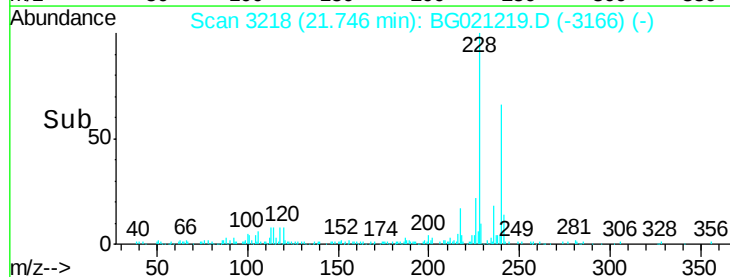
Acq: 2 Mar 2016 19:02

Tgt Ion:	228	Resp:	37580
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.7	34.1
229	20.5	15.5	23.3

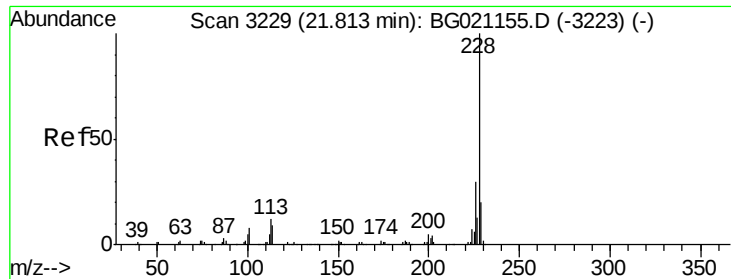


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

21.75



Time--> 21.65 21.70 21.75



#82

Chrysene

Concen: 11.80 ng

RT: 21.81 min Scan# 3229

Delta R.T. -0.00 min

Lab File: BG021219.D

Acq: 2 Mar 2016 19:02

Instrument :

BNA_G

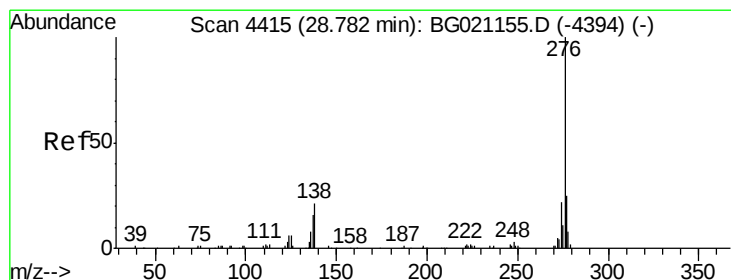
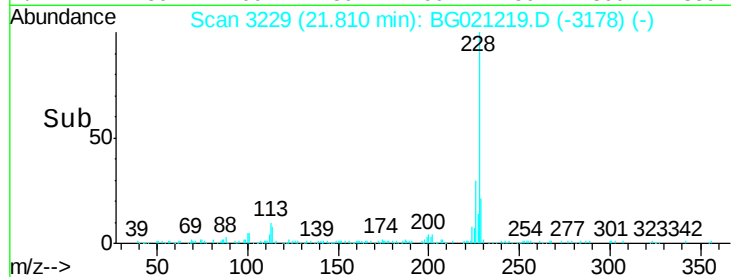
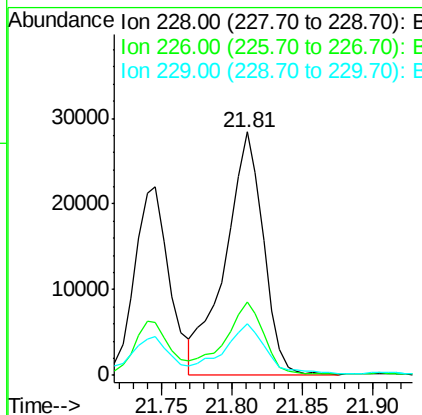
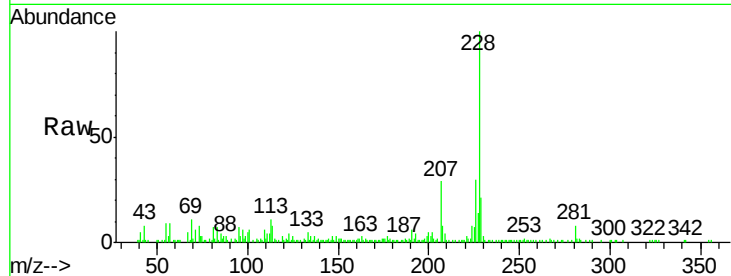
ClientSampleId :

EDGE-WASTE

Tot Ion:	228	Resp:	53743
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.7	35.5
229	21.2	16.7	25.1

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#85

Indeno(1,2,3-cd)pyrene

Concen: 5.67 ng

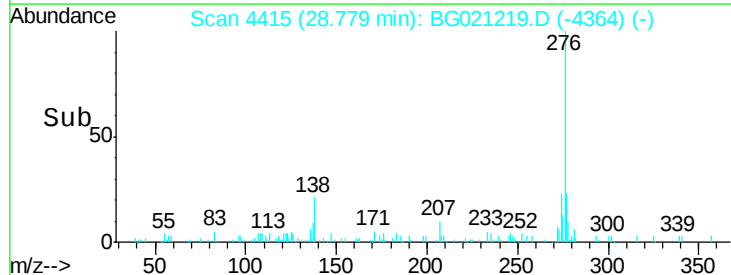
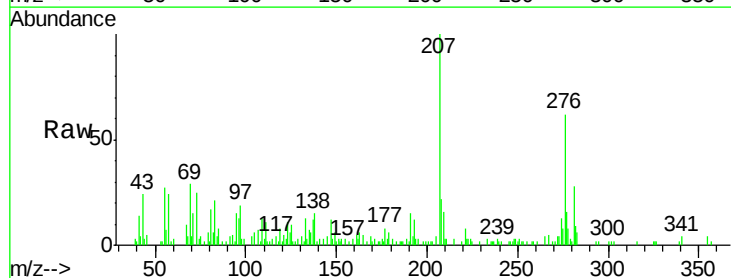
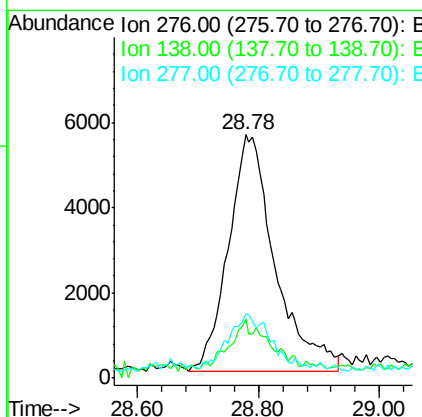
RT: 28.78 min Scan# 4415

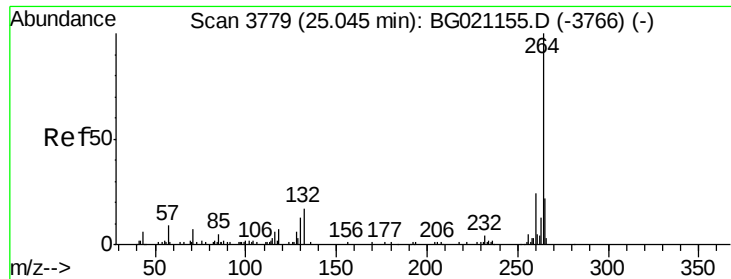
Delta R.T. -0.00 min

Lab File: BG021219.D

Acq: 2 Mar 2016 19:02

Tgt Ion:	276	Resp:	29624
Ion Ratio	Lower	Upper	
276	100		
138	9.9	16.0	24.0#
277	19.6	16.0	24.0





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.05 min Scan# 3780

Delta R.T. 0.00 min

Lab File: BG021219.D

Acq: 2 Mar 2016 19:02

Instrument :

BNA_G

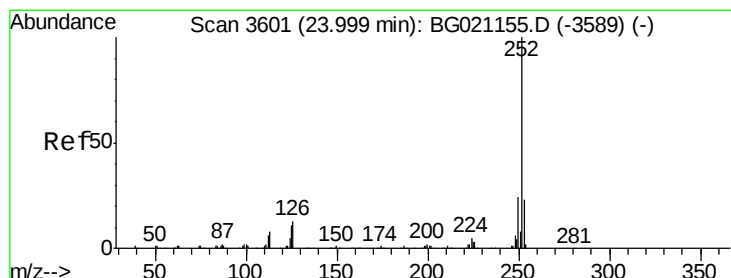
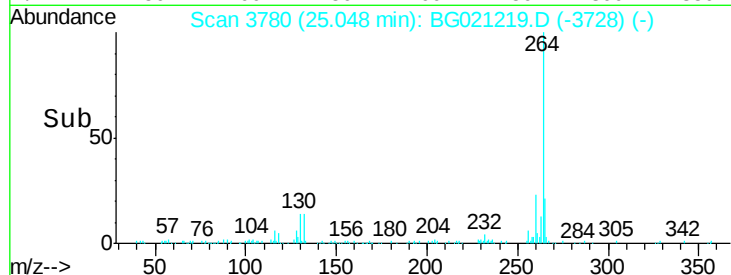
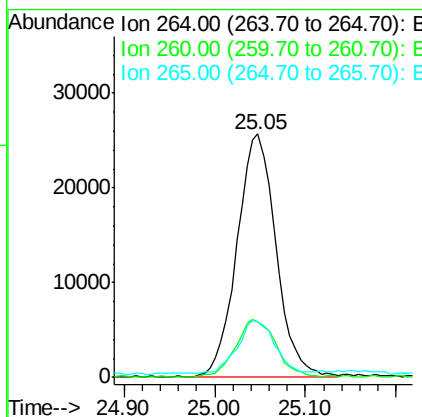
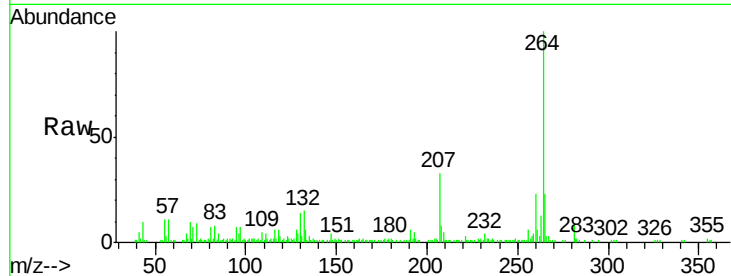
ClientSampleId :

EDGE-WASTE

Tot Ion:	264	Resp:	77017
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.5	27.7
265	22.7	18.6	28.0

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#87

Benzo(b)fluoranthene

Concen: 14.30 ng

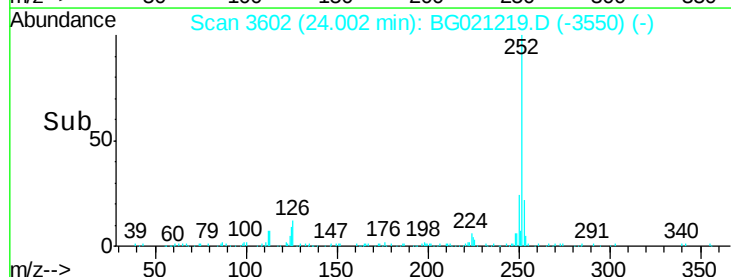
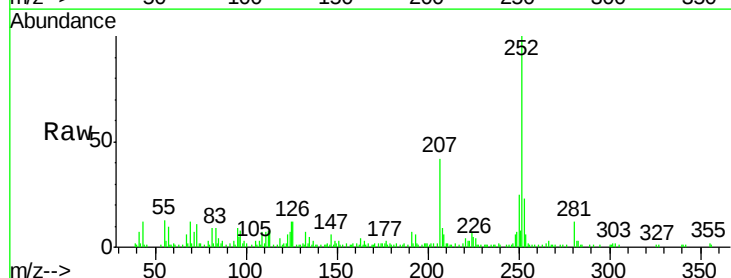
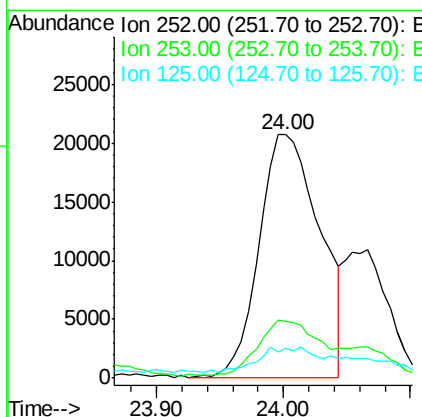
RT: 24.00 min Scan# 3602

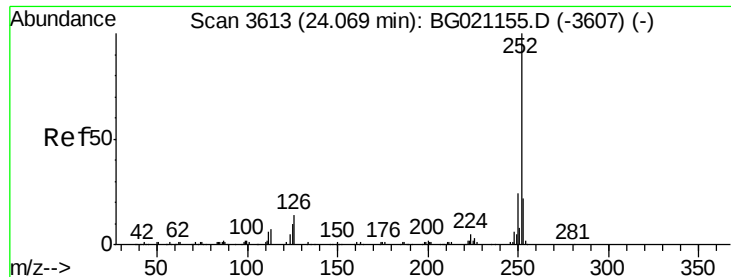
Delta R.T. 0.00 min

Lab File: BG021219.D

Acq: 2 Mar 2016 19:02

Tgt Ion:	252	Resp:	69294
Ion Ratio	Lower	Upper	
252	100		
253	23.1	16.8	25.2
125	12.1	8.2	12.2





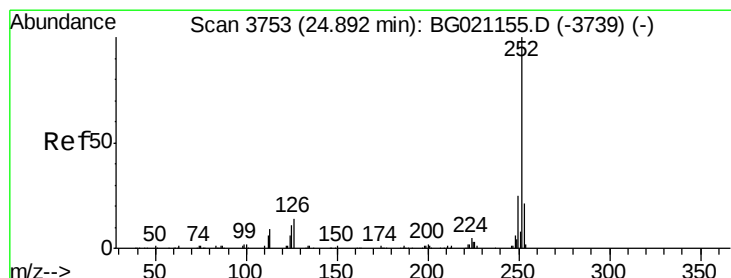
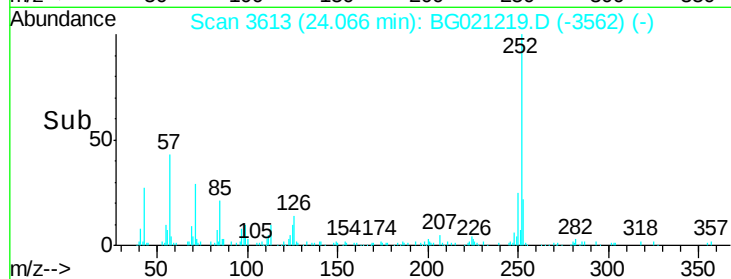
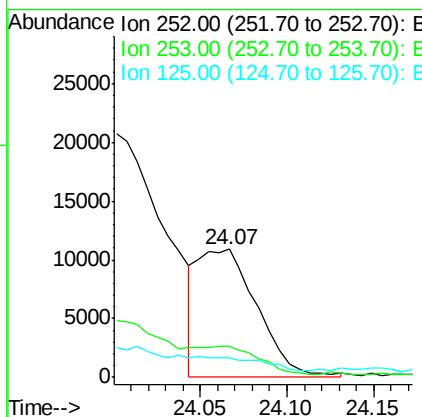
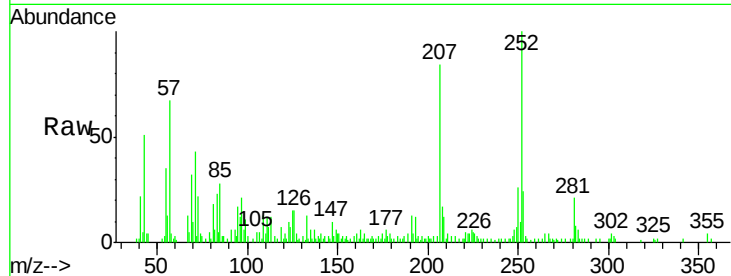
#88
Benzo(k)fluoranthene
Concen: 5.40 ng m
RT: 24.07 min Scan# 3613
Delta R.T. -0.00 min
Lab File: BG021219.D
Acq: 2 Mar 2016 19:02

Instrument :
BNA_G
ClientSampleId :
EDGE-WASTE

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	16.4	24.6
125	15.3	8.2	12.2

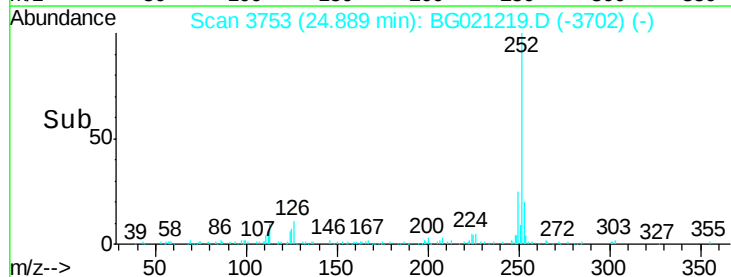
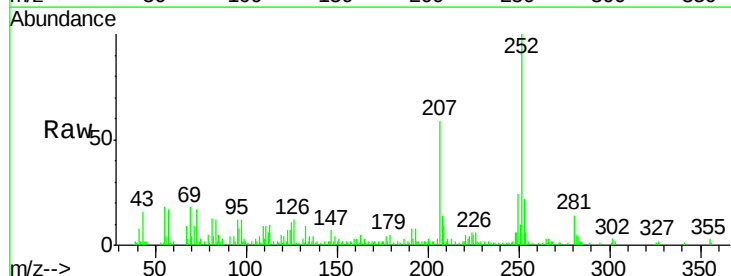
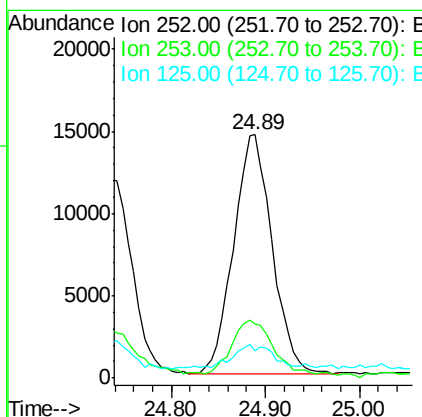
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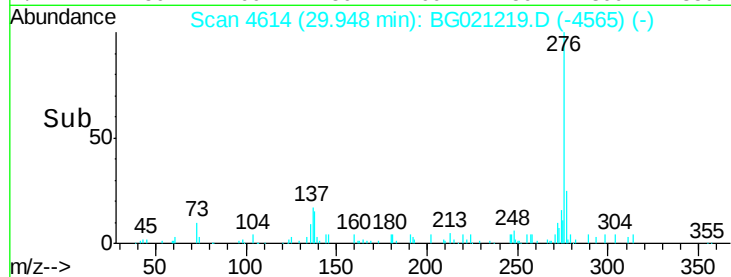
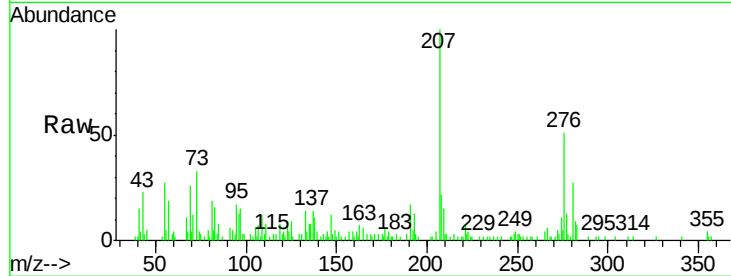
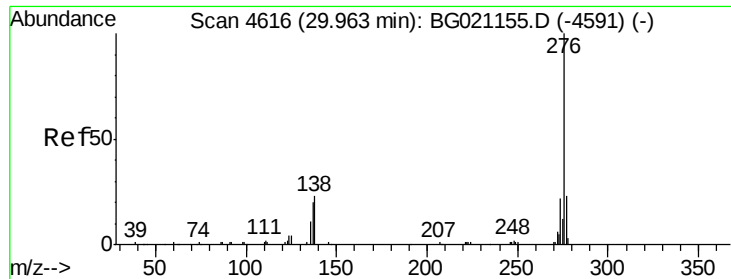
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#89
Benzo(a)pyrene
Concen: 8.84 ng
RT: 24.89 min Scan# 3753
Delta R.T. -0.00 min
Lab File: BG021219.D
Acq: 2 Mar 2016 19:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	15.8	23.8
125	11.1	8.4	12.6





#91
 Benzo(a,h,i)perylene
 Concen: 6.35 ng
 RT: 29.95 min Scan# 4614
 Delta R.T. -0.01 min
 Lab File: BG021219.D
 Acq: 2 Mar 2016 19:02

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.1	16.6	25.0#
138	21.5	14.6	21.8

Instrument :
 BNA_G
 ClientSampleId :
 EDGE-WASTE

Manual Integrations
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