

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
 Data File : BG021204.D
 Acq On : 2 Mar 2016 4:21
 Operator : UM/SJ
 Sample : H1579-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-44(7-9)

Manual Integrations
 APPROVED

Sohil
 3/2/2016 12:51:49 PM

Quant Time: Mar 02 12:43:07 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 29 17:40:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	12809	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	63088	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	33995	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	71483	20.00	ng	0.00
75) Chrysene-d12	21.76	240	79789	20.00	ng	0.00
86) Perylene-d12	25.04	264	65492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	121500	150.80	ng	0.00
7) Phenol-d6	7.30	99	193212	145.83	ng	0.00
23) Nitrobenzene-d5	9.31	82	144292	96.78	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	49335	139.48	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	250291	104.55	ng	0.00
78) Terphenyl-d14	20.08	244	329587	100.07	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	20136	6.65	ng	Qvalue # 93
51) Acenaphthene	14.82	154	9391	4.16	ng	96
57) Fluorene	15.80	166	19402m	6.76	ng	
74) Fluoranthene	19.54	202	174309	38.46	ng	98
77) Pyrene	19.90	202	157049	32.99	ng	99
80) Benzo(a)anthracene	21.74	228	73017	15.46	ng	# 95
82) Chrysene	21.80	228	64650m	14.44	ng	
87) Benzo(b)fluoranthene	24.00	252	54843	13.31	ng	# 80
88) Benzo(k)fluoranthene	24.06	252	26595m	6.45	ng	
89) Benzo(a)pyrene	24.88	252	36696	9.21	ng	# 81

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

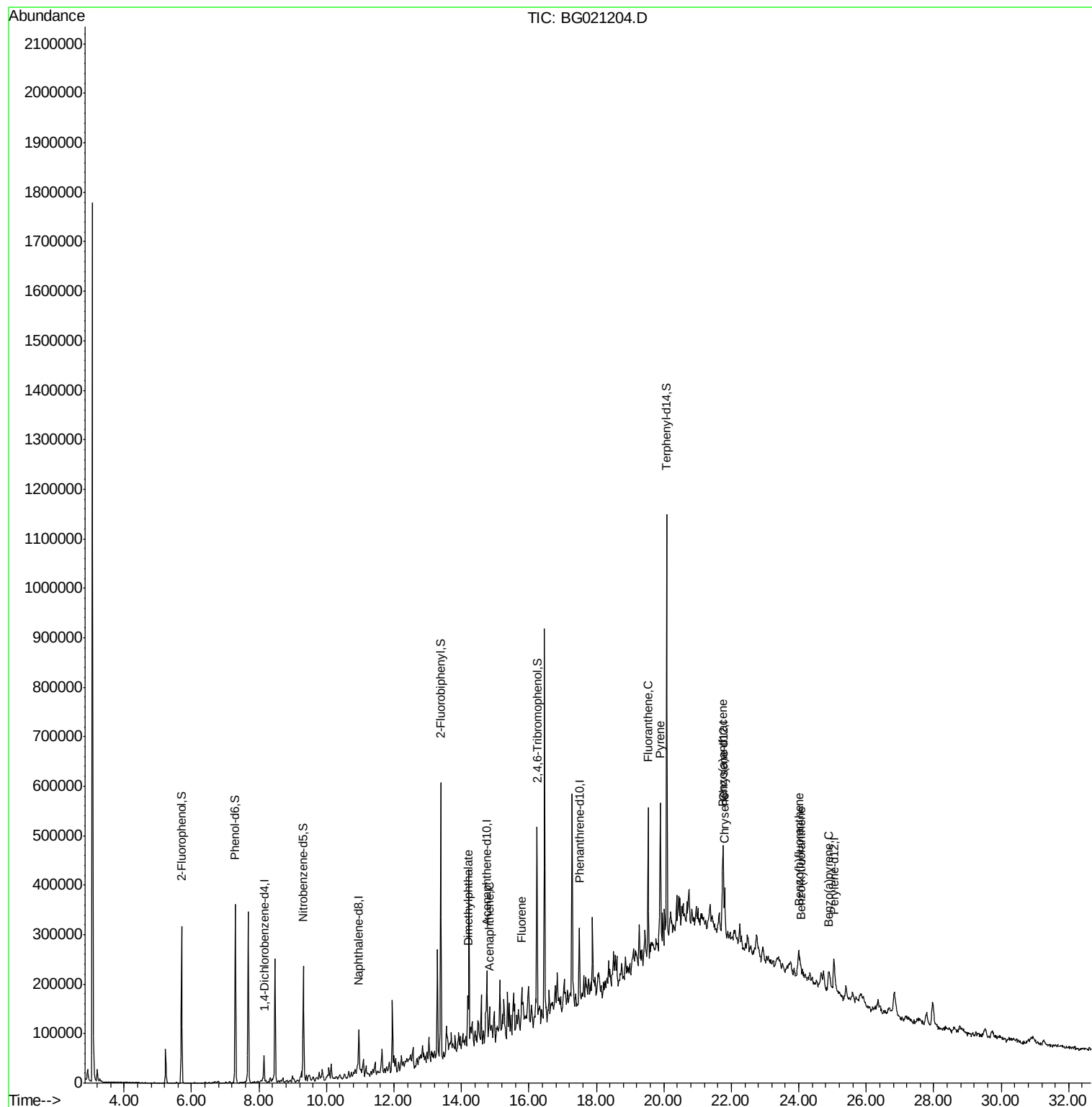
Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021204.D
Acq On : 2 Mar 2016 4:21
Operator : UM/SJ
Sample : H1579-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

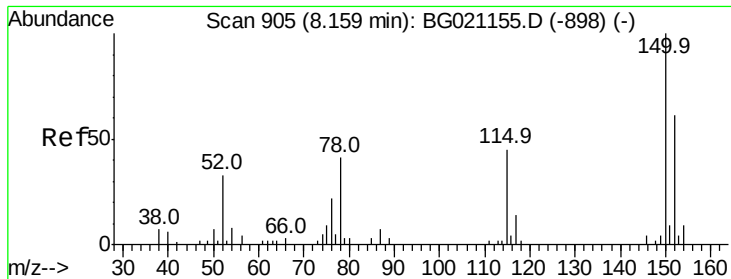
Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

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#1

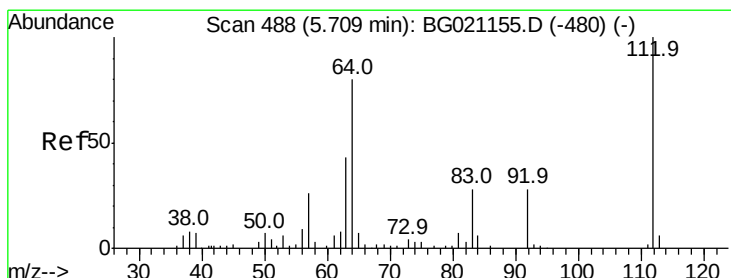
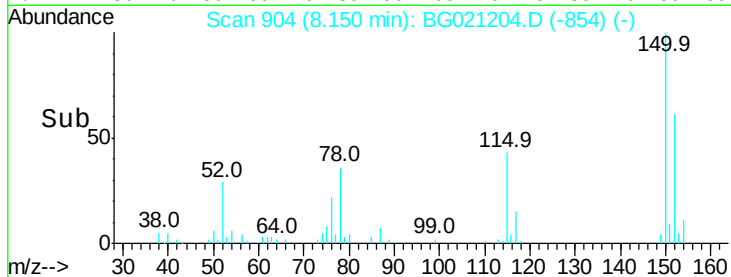
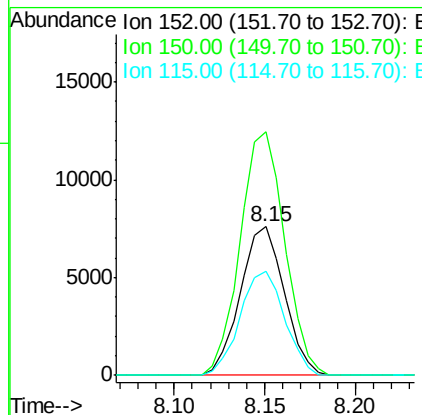
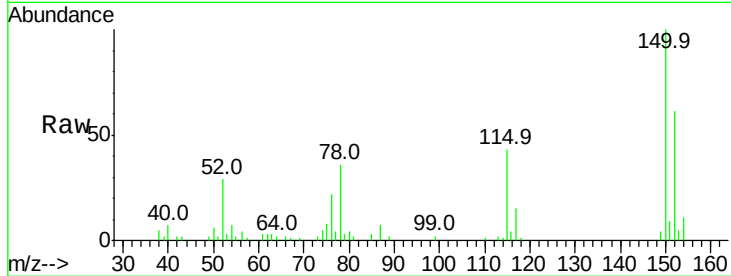
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG021204.D
Acq: 2 Mar 2016 4:21

Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.6	123.4	185.2
115	70.0	43.3	64.9#

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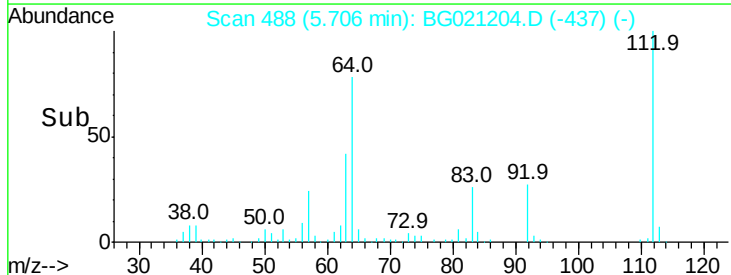
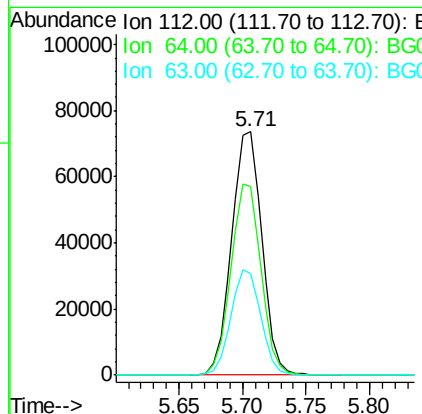
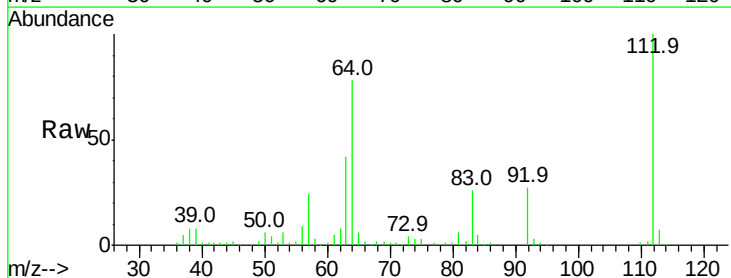
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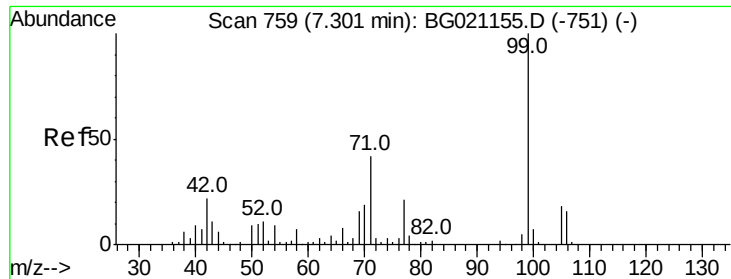


#5

2-Fluorophenol
Concen: 150.80 ng
RT: 5.71 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG021204.D
Acq: 2 Mar 2016 4:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.6	42.6	63.8#
63	41.8	21.7	32.5#





#7

Phenol-d6

Concen: 145.83 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG021204.D

Acq: 2 Mar 2016 4:21

Instrument :

BNA_G

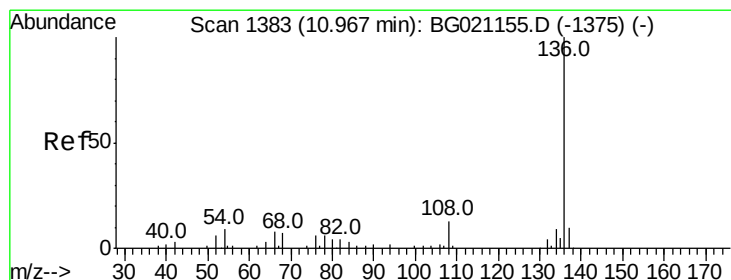
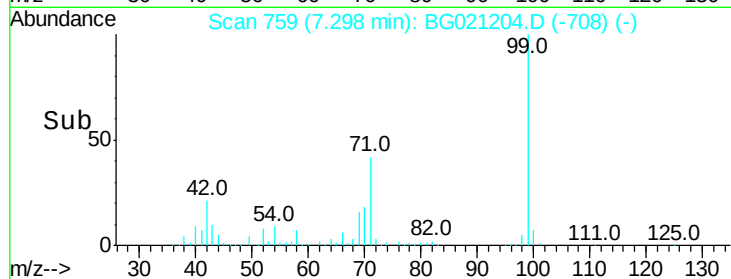
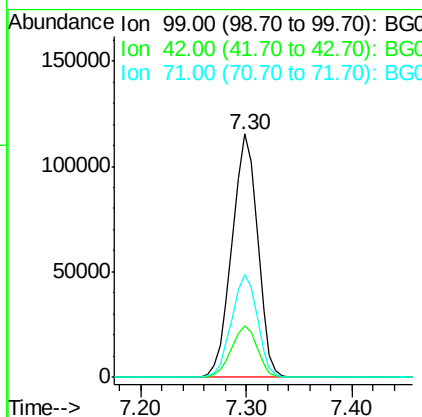
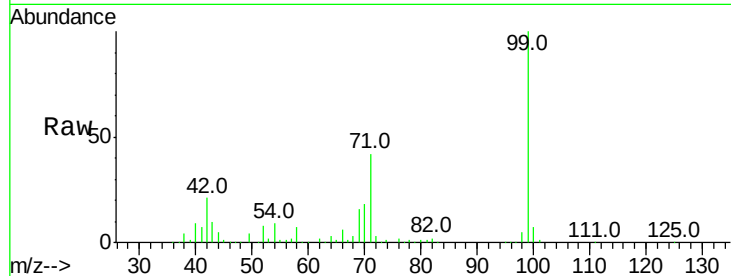
ClientSampleId :

SB-44(7-9)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		193212		
42	21.2	13.2	19.8#		
71	42.1	25.2	37.8#		

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#21

Naphthalene-d8

Concen: 20.00 ng

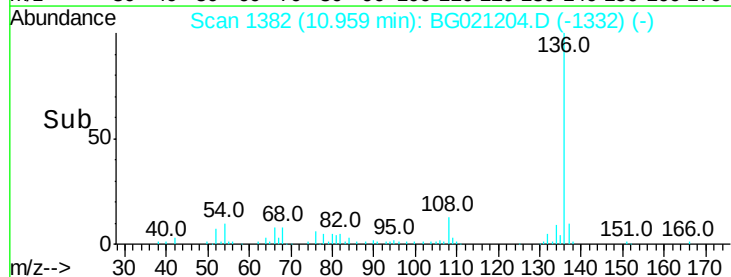
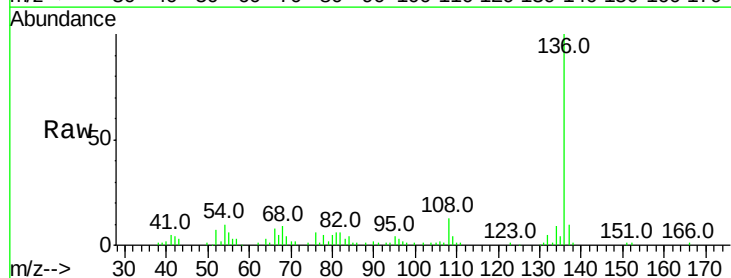
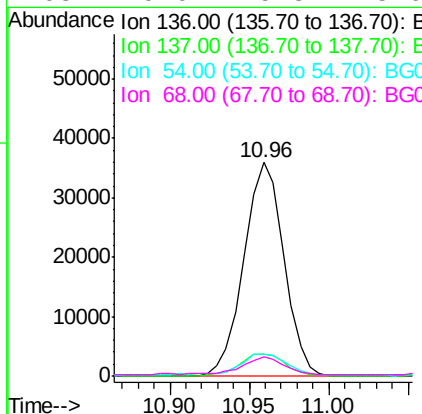
RT: 10.96 min Scan# 1382

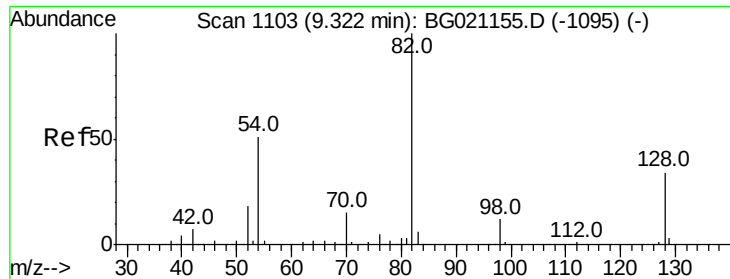
Delta R.T. -0.01 min

Lab File: BG021204.D

Acq: 2 Mar 2016 4:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		63088		
137	10.4	8.8	13.2		
54	10.5	6.9	10.3#		
68	9.0	5.8	8.6#		





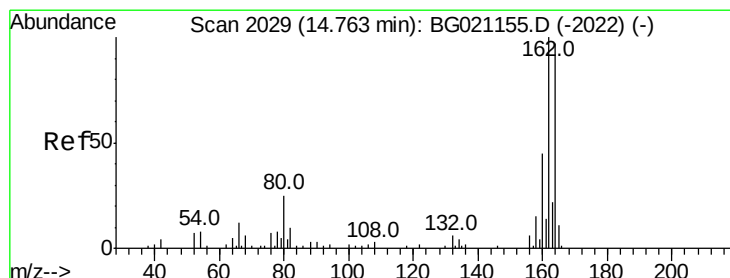
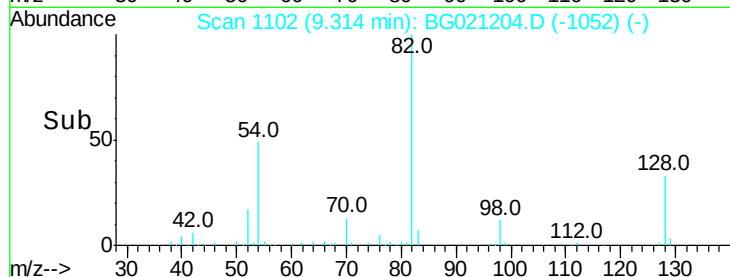
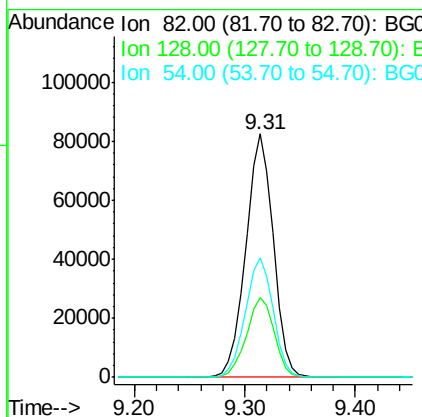
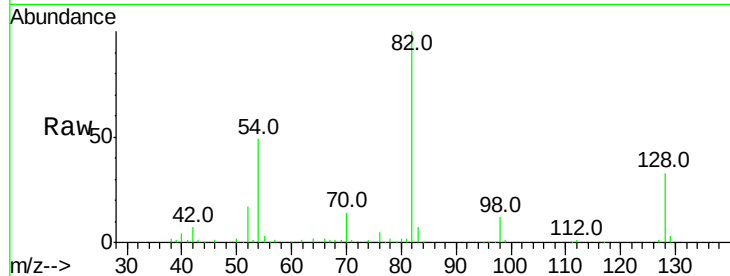
#23
Nitrobenzene-d5
Concen: 96.78 ng
RT: 9.31 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BG021204.D
Acq: 2 Mar 2016 4:21

Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

Tot Ion	Ratio	Resp	Lower	Upper
82	100	144292		
128	32.8	36.3	54.5#	
54	49.3	37.6	56.4	

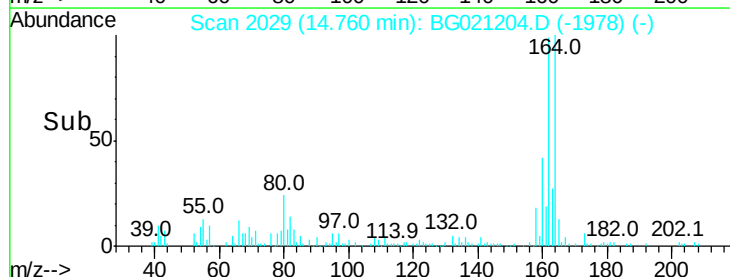
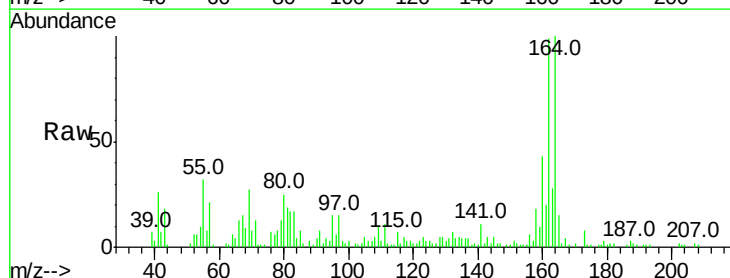
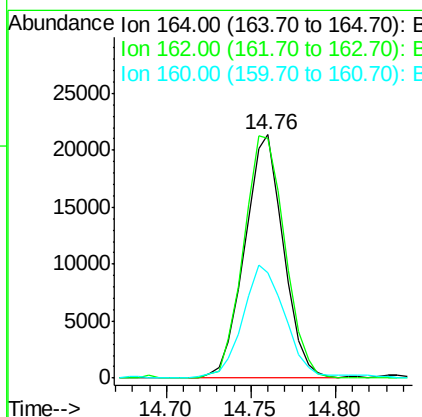
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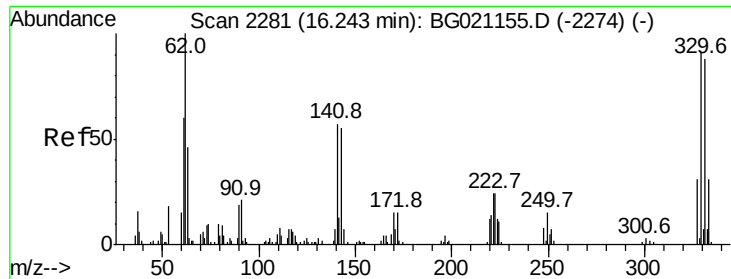
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG021204.D
Acq: 2 Mar 2016 4:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	33995		
162	98.7	80.6	120.8	
160	43.4	36.5	54.7	





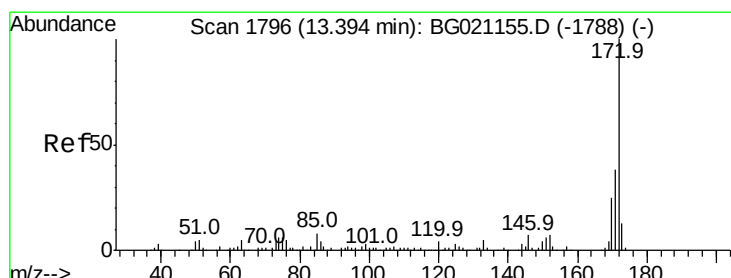
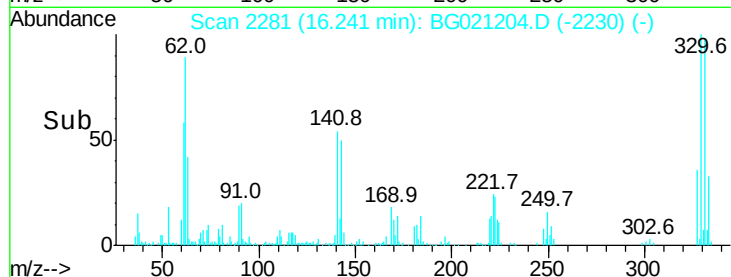
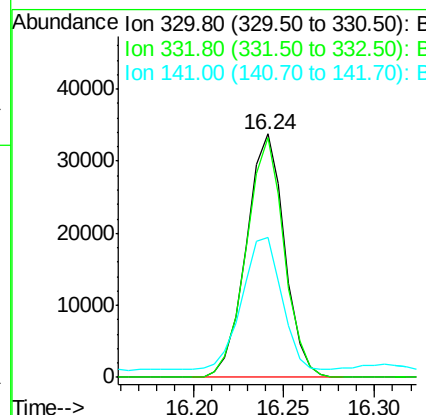
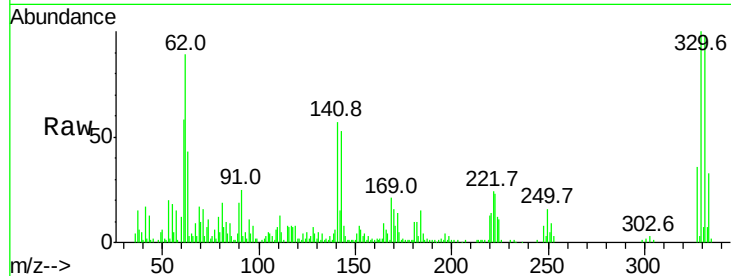
#41
 2,4,6-Tribromophenol
 Concen: 139.48 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG021204.D
 Acq: 2 Mar 2016 4:21

Instrument :
 BNA_G
 ClientSampleId :
 SB-44(7-9)

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.4		77.4	116.0
141	58.3		35.3	52.9#

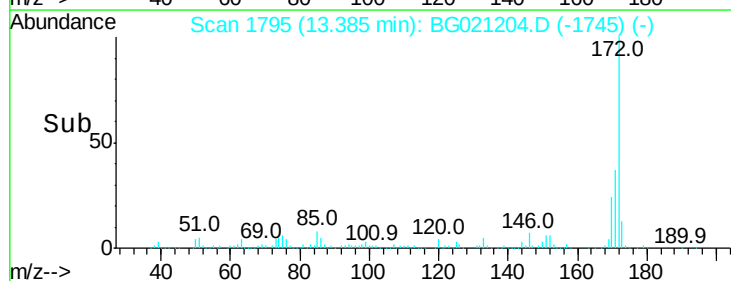
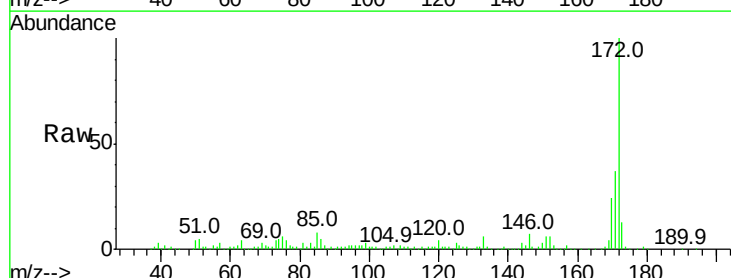
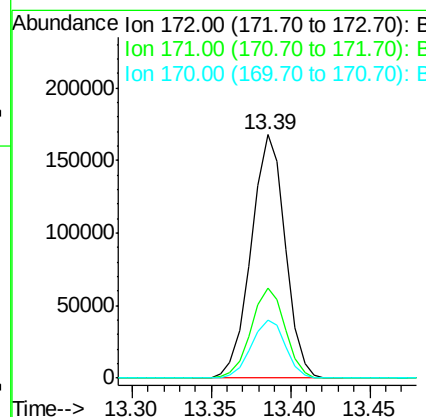
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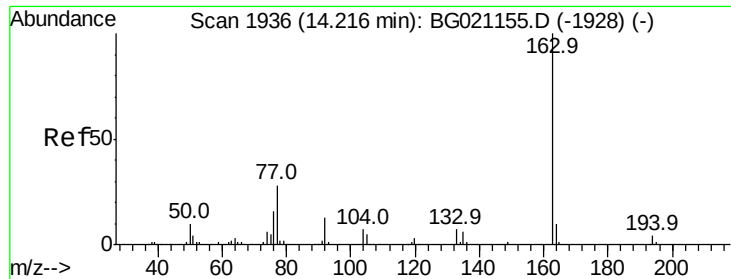
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#44
 2-Fluorobiphenyl
 Concen: 104.55 ng
 RT: 13.39 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG021204.D
 Acq: 2 Mar 2016 4:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.9		29.4	44.0
170	23.9		19.8	29.8





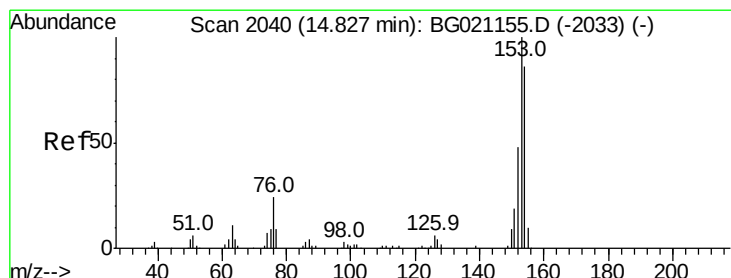
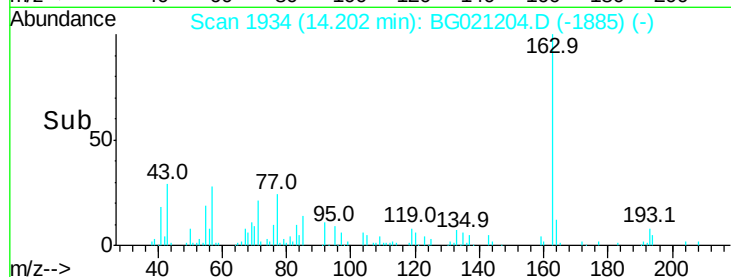
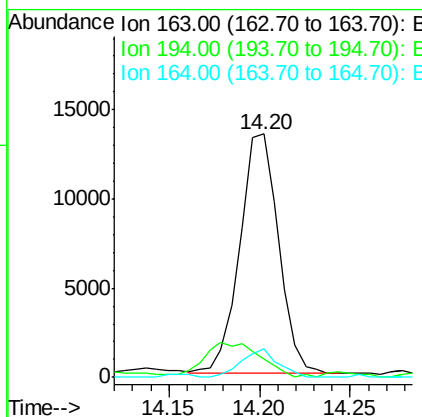
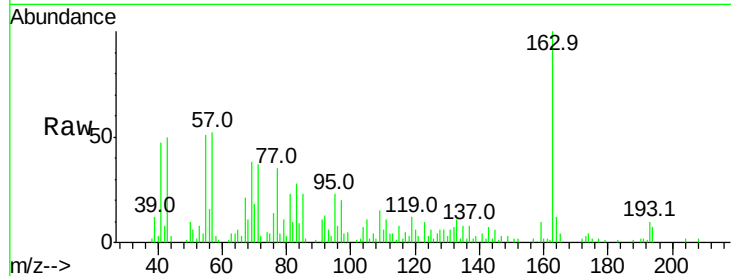
#49
Dimethylphthalate
Concen: 6.65 ng
RT: 14.20 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BG021204.D
Acq: 2 Mar 2016 4:21

Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	7.4	2.8	4.2	
164	11.9	7.9	11.9	

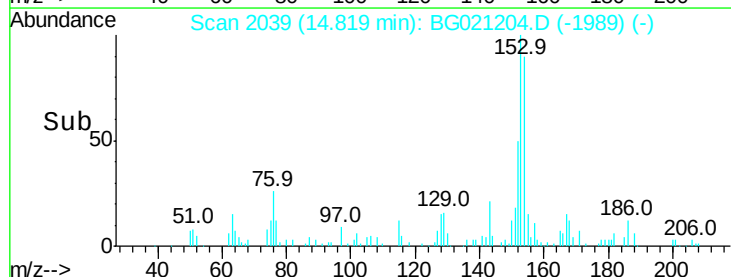
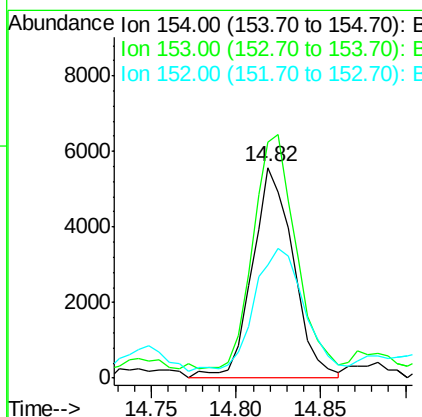
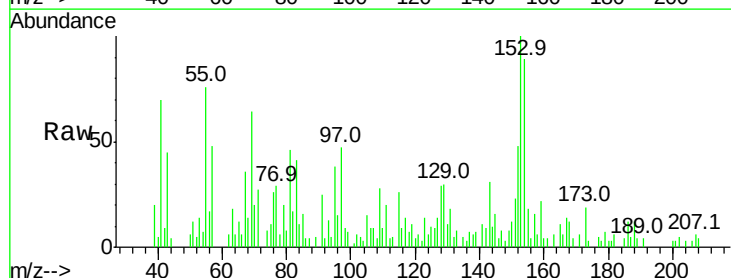
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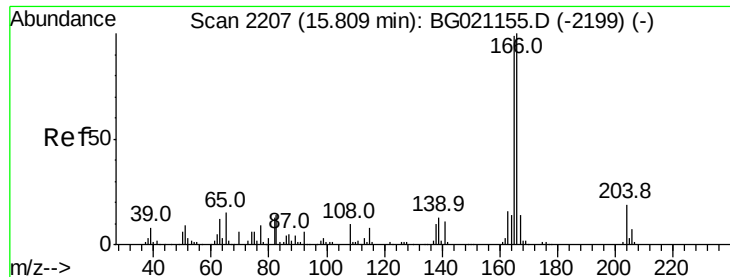
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#51
Acenaphthene
Concen: 4.16 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BG021204.D
Acq: 2 Mar 2016 4:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	111.8	94.2	141.2	
152	53.8	42.9	64.3	





#57

Fluorene

Concen: 6.76 ng/mL

RT: 15.80 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG021204.D

Acq: 2 Mar 2016 4:21

Instrument :

BNA_G

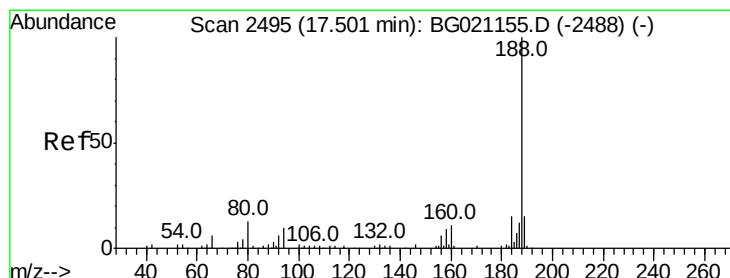
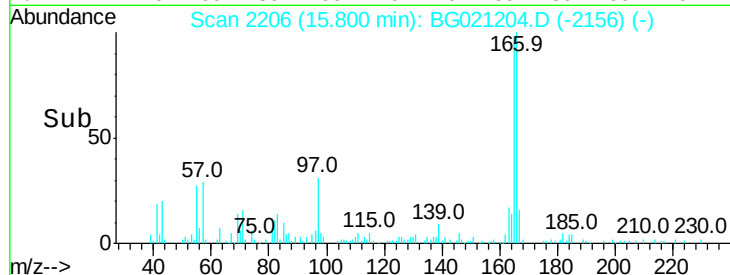
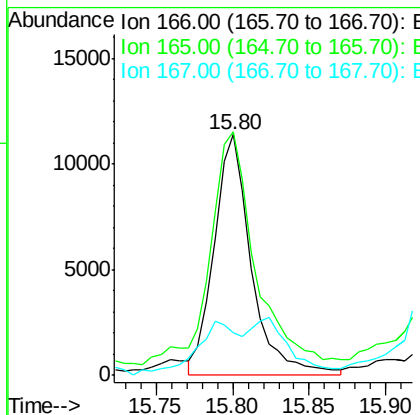
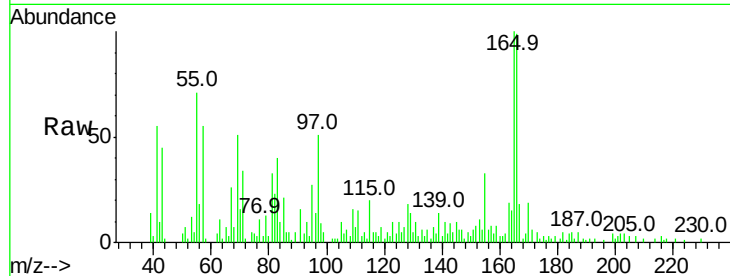
ClientSampleId :

SB-44(7-9)

Tot Ion	Ratio	Resp	Lower	Upper
166	100	19402		
165	101.2	81.3	121.9	
167	18.0	10.6	16.0	

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#63

Phenanthrene-d10

Concen: 20.00 ng/mL

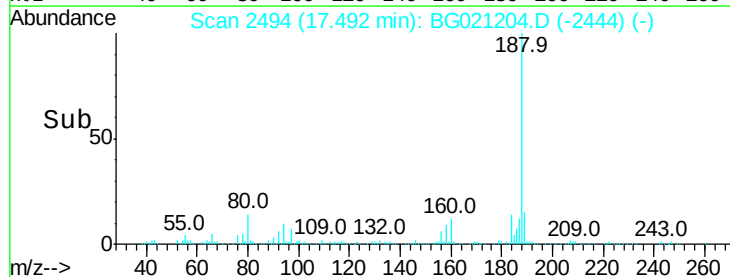
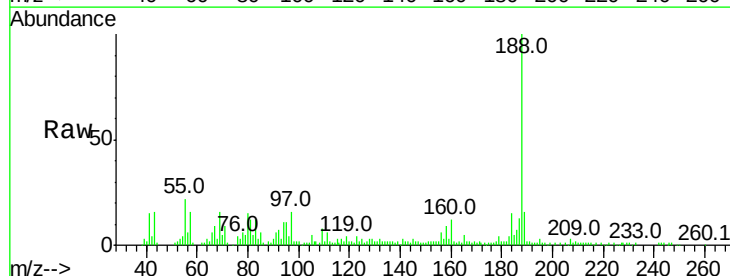
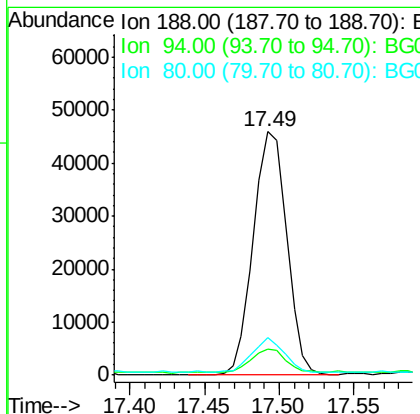
RT: 17.49 min Scan# 2494

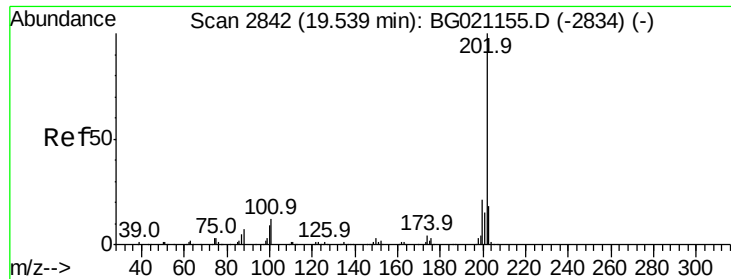
Delta R.T. -0.01 min

Lab File: BG021204.D

Acq: 2 Mar 2016 4:21

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	71483		
94	10.8	8.2	12.4	
80	15.3	9.2	13.8	





#74

Fluoranthene

Concen: 38.46 ng

RT: 19.54 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BG021204.D

Acq: 2 Mar 2016 4:21

Instrument :

BNA_G

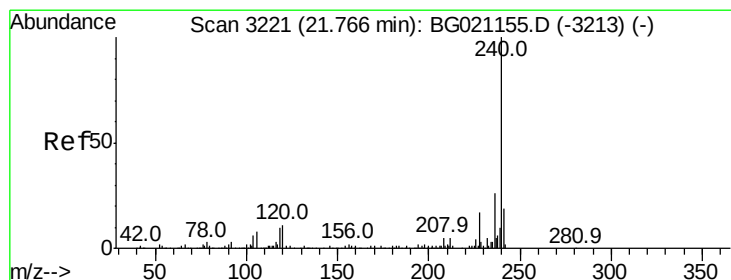
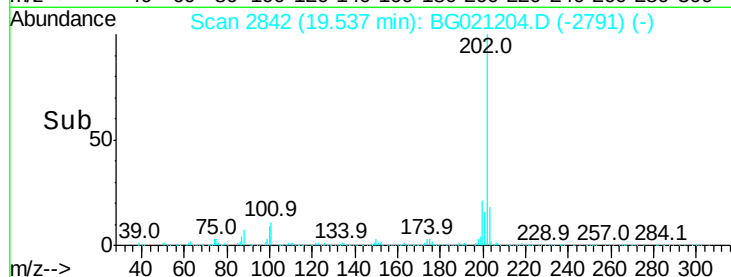
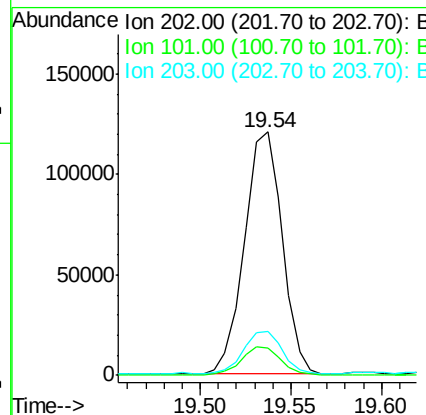
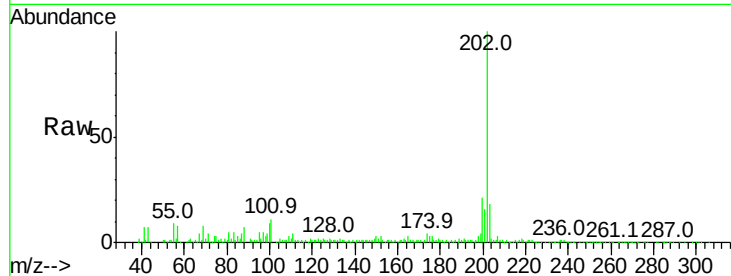
ClientSampleId :

SB-44(7-9)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	0.0	32.5
203	18.2	0.0	37.6

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

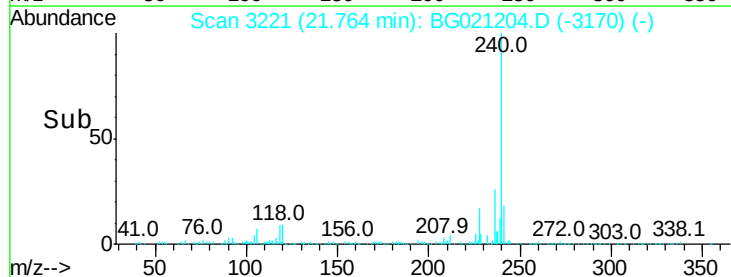
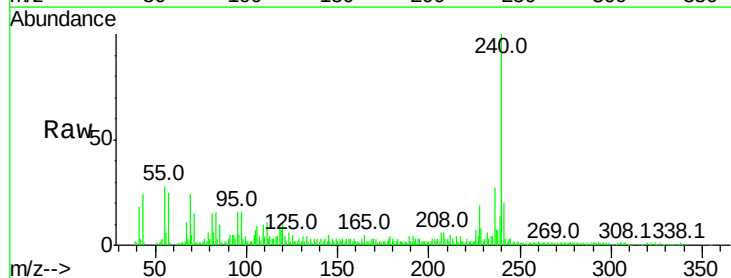
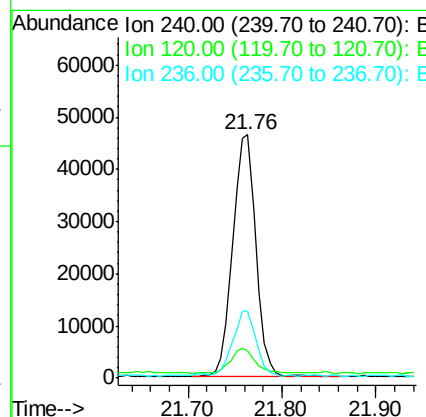
RT: 21.76 min Scan# 3221

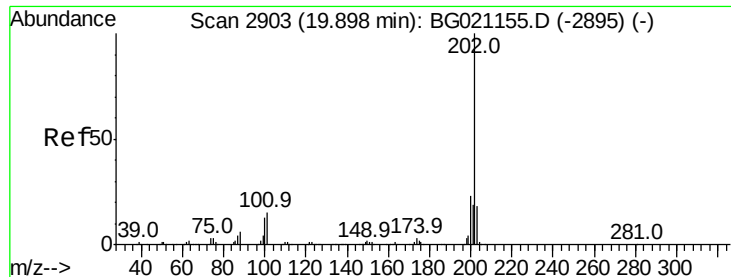
Delta R.T. -0.00 min

Lab File: BG021204.D

Acq: 2 Mar 2016 4:21

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.1	7.5	11.3
236	27.4	20.5	30.7





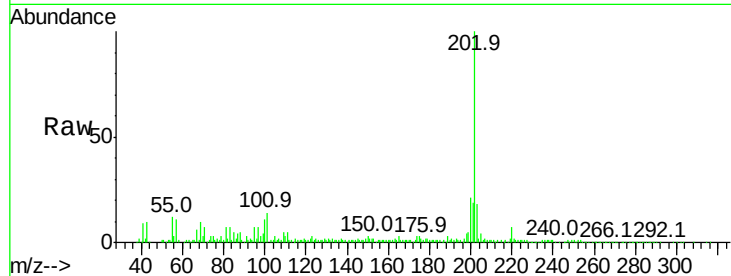
#77
Pvrene
Concen: 32.99 ng
RT: 19.90 min Scan# 2903
Delta R.T. -0.00 min
Lab File: BG021204.D
Acq: 2 Mar 2016 4:21

Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

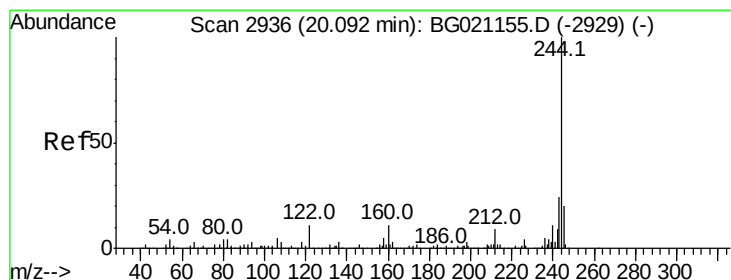
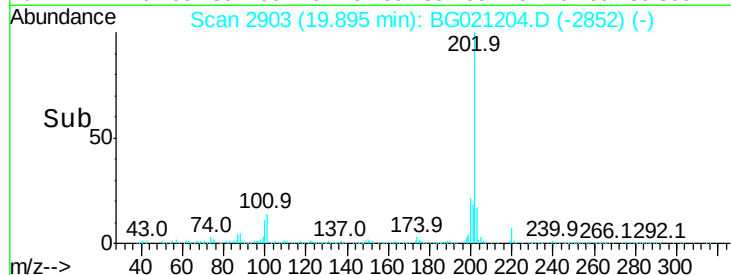
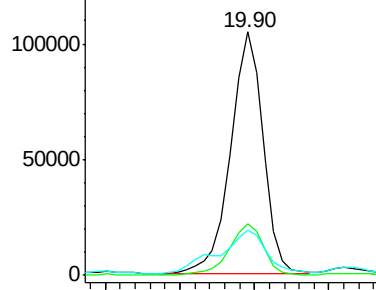
Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.1	16.6	25.0	
203	18.3	13.8	20.8	

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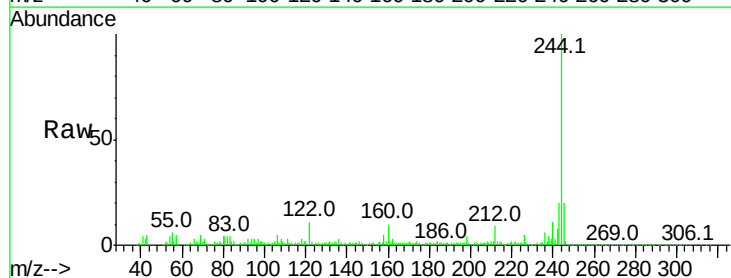


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

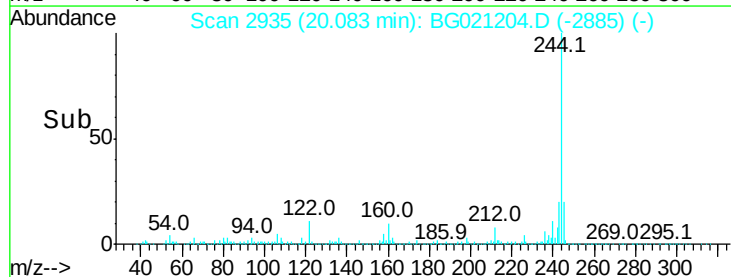
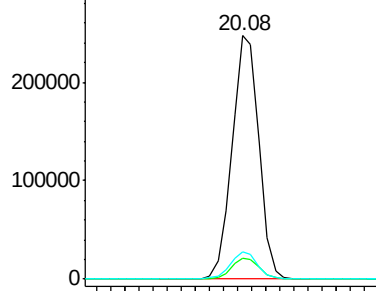


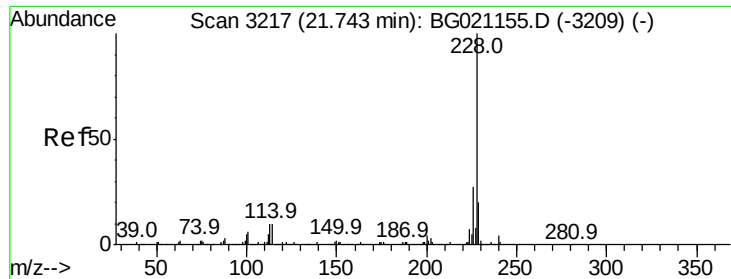
#78
Terphenyl-d14
Concen: 100.07 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.01 min
Lab File: BG021204.D
Acq: 2 Mar 2016 4:21

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	8.7	5.8	8.6#	
122	11.4	8.3	12.5	



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





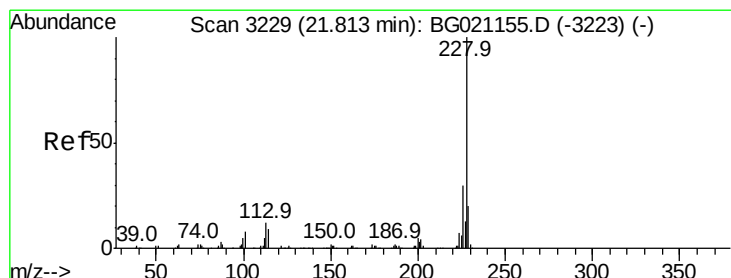
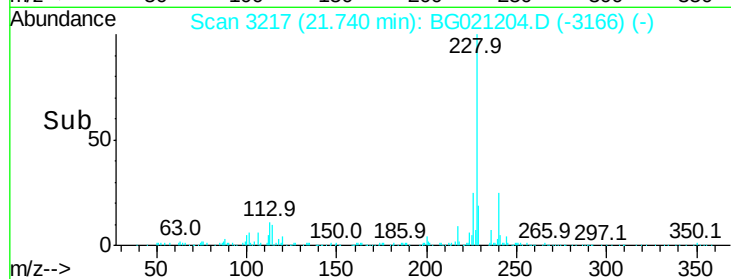
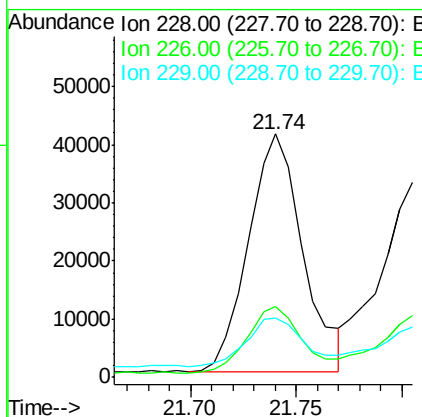
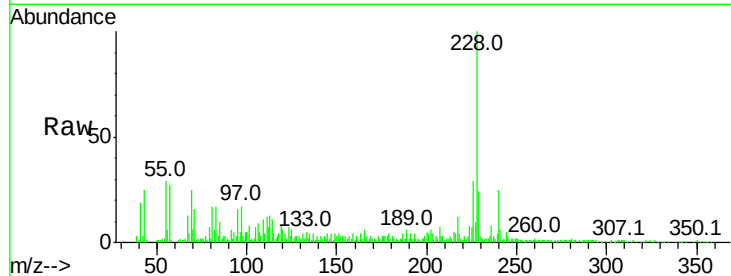
#80
Benzo(a)anthracene
Concen: 15.46 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.00 min
Lab File: BG021204.D
Acq: 2 Mar 2016 4:21

Instrument :
BNA_G
ClientSampled :
SB-44(7-9)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	24.5	15.5	23.3

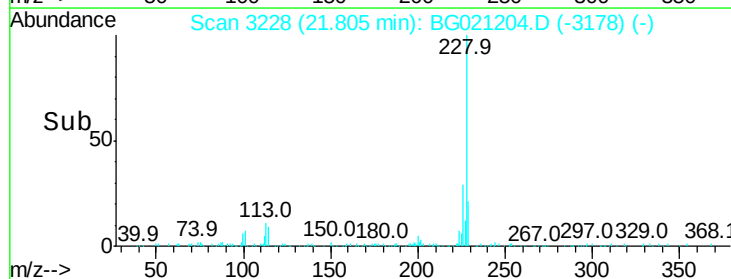
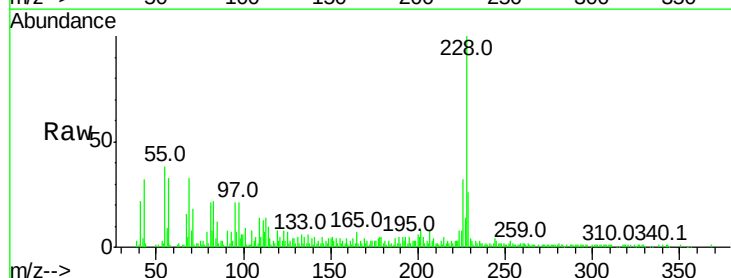
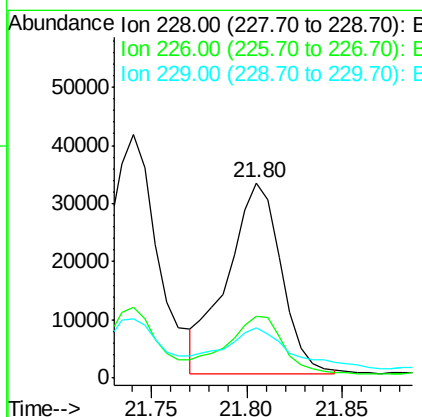
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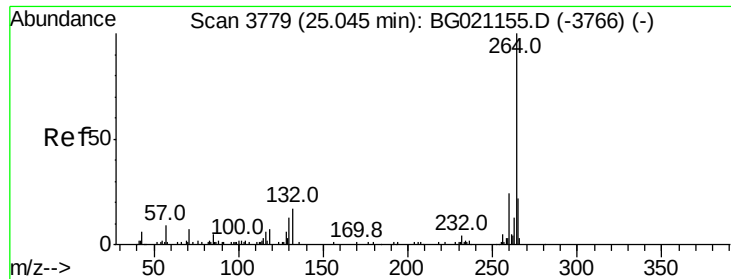
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#82
Chrysene
Concen: 14.44 ng m
RT: 21.80 min Scan# 3228
Delta R.T. -0.01 min
Lab File: BG021204.D
Acq: 2 Mar 2016 4:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.7	35.5
229	25.7	16.7	25.1





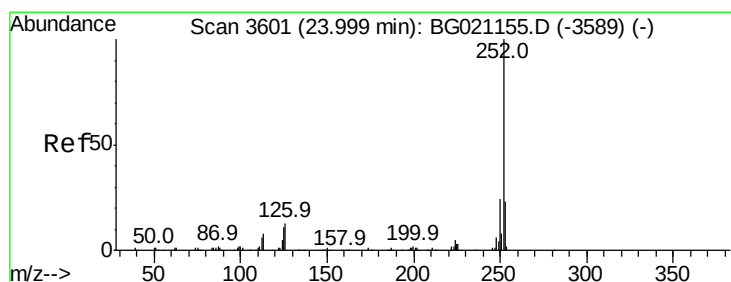
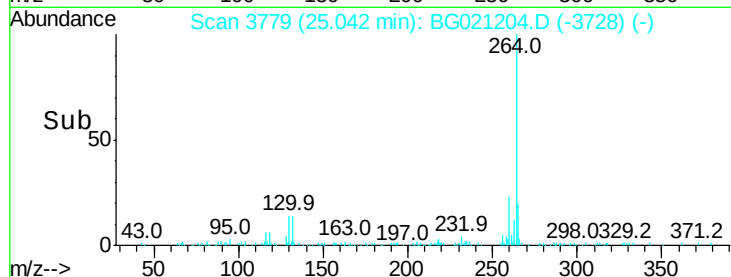
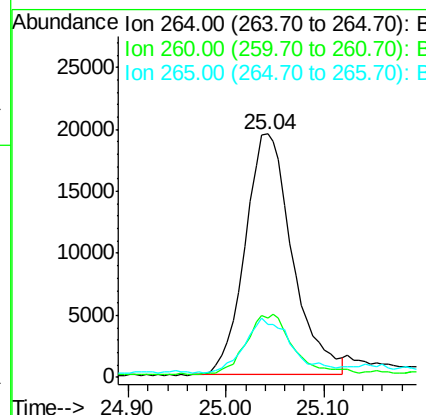
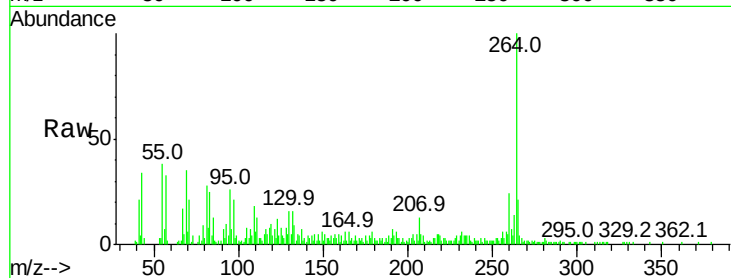
#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3779
Delta R.T. -0.00 min
Lab File: BG021204.D
Acq: 2 Mar 2016 4:21

Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.5	27.7
265	21.5	18.6	28.0

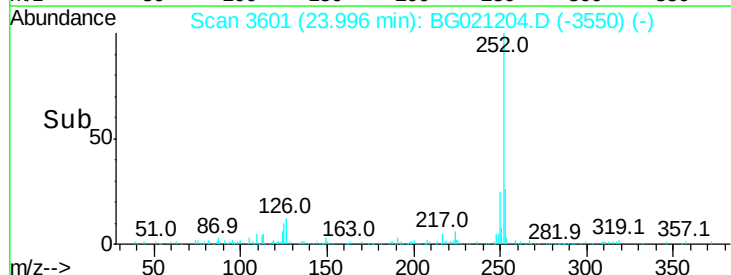
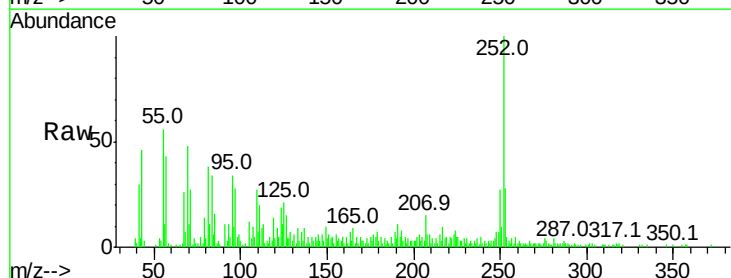
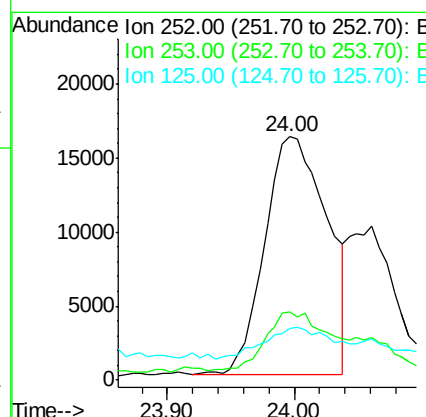
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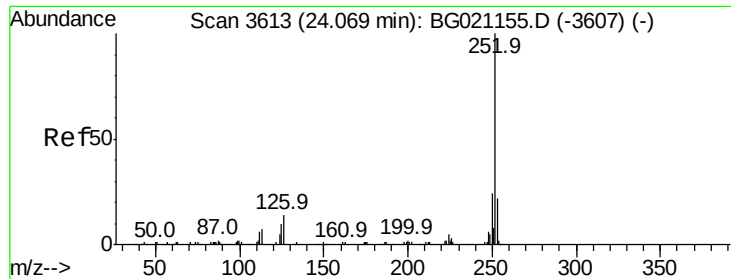
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#87
Benzo(b)fluoranthene
Concen: 13.31 ng
RT: 24.00 min Scan# 3601
Delta R.T. -0.00 min
Lab File: BG021204.D
Acq: 2 Mar 2016 4:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.3	16.8	25.2#
125	21.4	8.2	12.2#





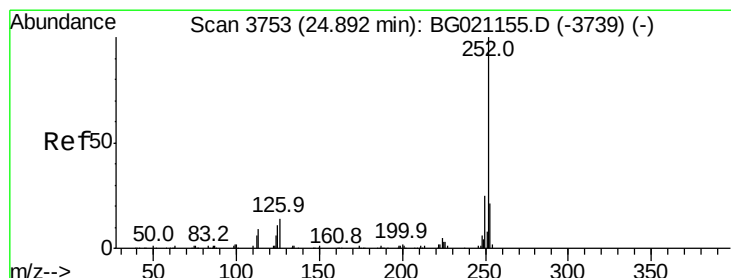
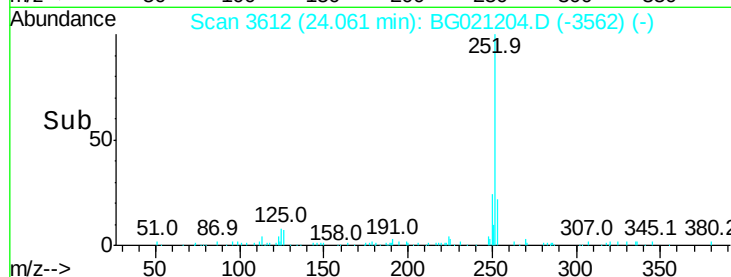
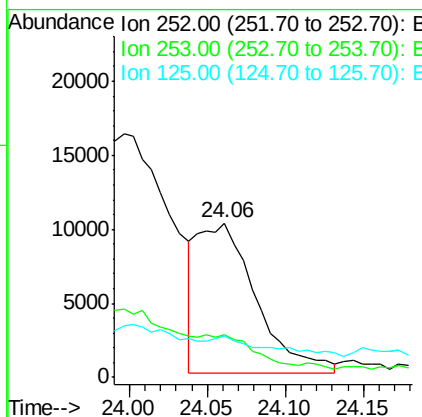
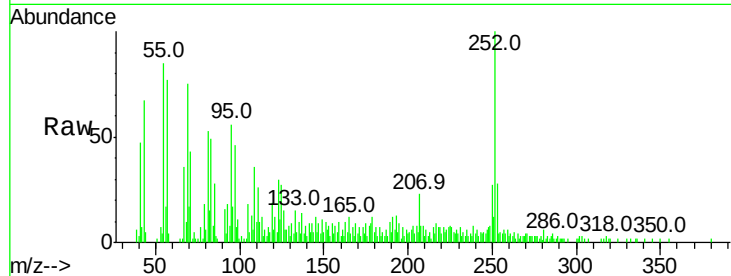
#88
Benzo(k)fluoranthene
Concen: 6.45 ng m
RT: 24.06 min Scan# 3612
Delta R.T. -0.01 min
Lab File: BG021204.D
Acq: 2 Mar 2016 4:21

Instrument :
BNA_G
ClientSampleId :
SB-44(7-9)

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	27.5	16.4	24.6#
125	26.7	8.2	12.2#

Manual Integrations
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#89
Benzo(a)pyrene
Concen: 9.21 ng
RT: 24.88 min Scan# 3752
Delta R.T. -0.01 min
Lab File: BG021204.D
Acq: 2 Mar 2016 4:21

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.3	15.8	23.8#
125	22.3	8.4	12.6#

