

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
 Data File : BG016823.D
 Acq On : 30 Apr 2015 7:16
 Operator : TP/IZ
 Sample : G2031-01 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB1

Manual Integrations
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Quant Time: Apr 30 15:36:47 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 07:39:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	62945	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	269709	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	145892	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	268489	20.00	ng	0.00
75) Chrysene-d12	21.15	240	229007	20.00	ng	0.00
86) Perylene-d12	23.36	264	226307	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	73572	21.53	ng	0.00
7) Phenol-d6	6.77	99	96562	20.13	ng	0.00
23) Nitrobenzene-d5	8.73	82	50177	12.12	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	18381	16.92	ng	0.00
44) 2-Fluorobiphenyl	12.83	172	127325	13.51	ng	0.00
78) Terphenyl-d14	19.60	244	131376	13.84	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	17.01	178	45706	3.15	ng	98
74) Fluoranthene	19.03	202	83998	5.38	ng	97
77) Pyrene	19.40	202	82478	5.51	ng	99
80) Benzo(a)anthracene	21.14	228	38934	2.94	ng	97
82) Chrysene	21.19	228	35810	2.86	ng	95
83) Bis(2-ethylhexyl)phthalate	21.07	149	48197	4.59	ng	95
87) Benzo(b)fluoranthene	22.69	252	44017	3.42	ng	# 92
89) Benzo(a)pyrene	23.26	252	33204	2.72	ng	# 94

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

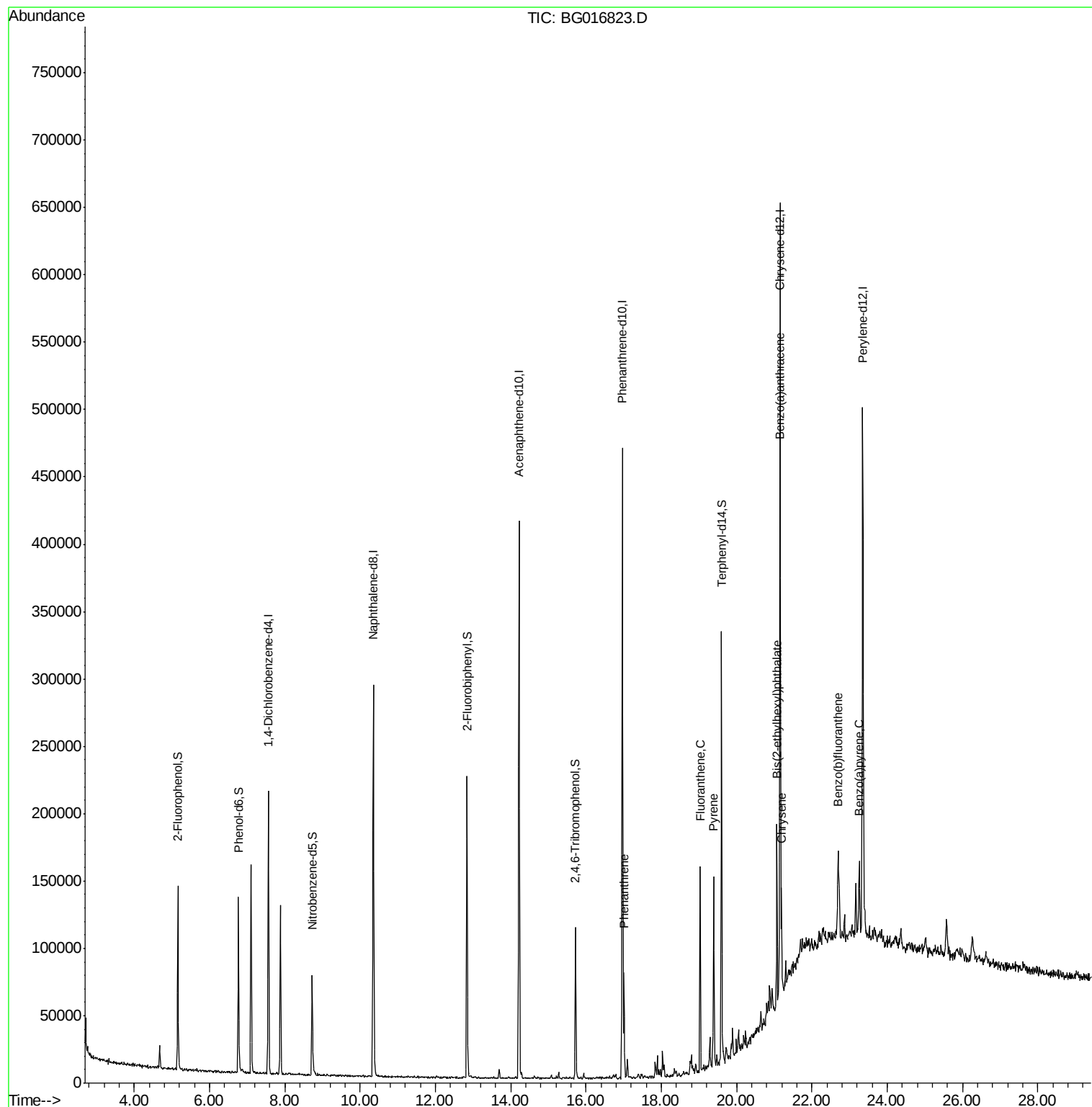
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
Data File : BG016823.D
Acq On : 30 Apr 2015 7:16
Operator : TP/IZ
Sample : G2031-01 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

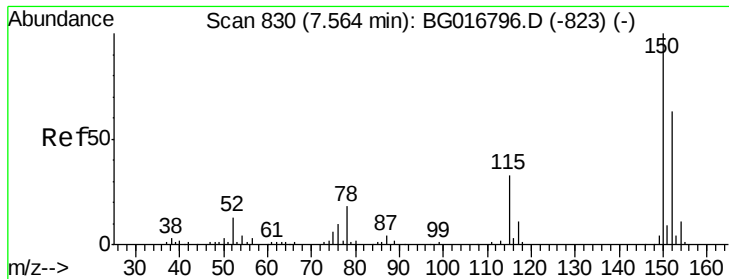
Instrument :
BNA_G
ClientSampleId :
SB1

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Quant Time: Apr 30 15:36:47 2015
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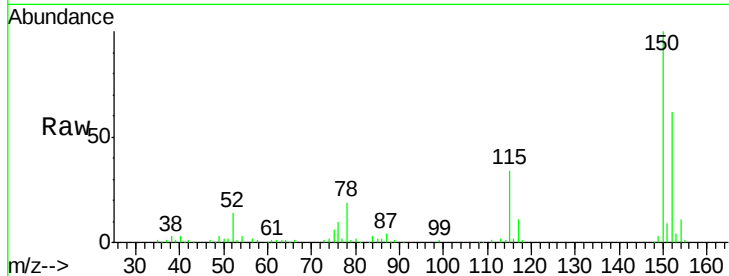
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.56 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BG016823.D
 Acq: 30 Apr 2015 7:16

Instrument :
 BNA_G
 ClientSampleId :
 SB1

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.2	189.4
115	54.3	41.1	61.7

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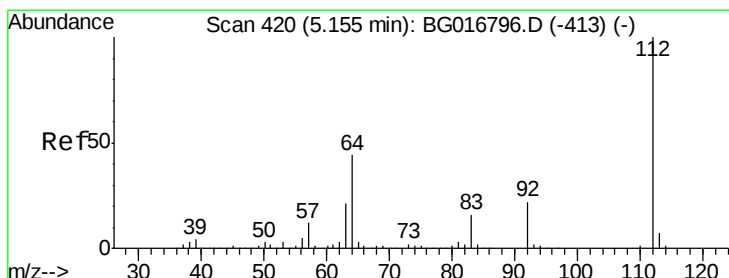
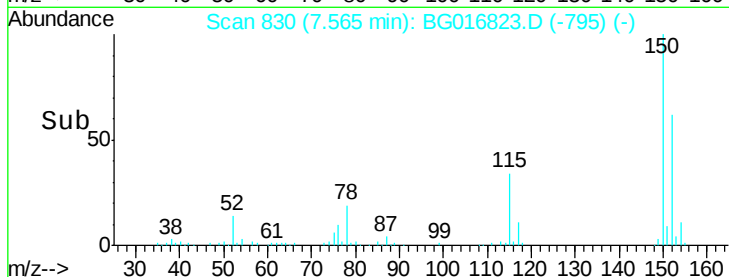
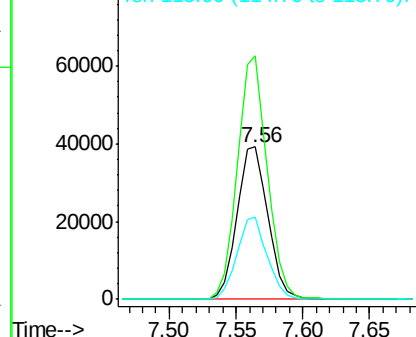


Abundance

Ion 152.00 (151.70 to 152.70): E

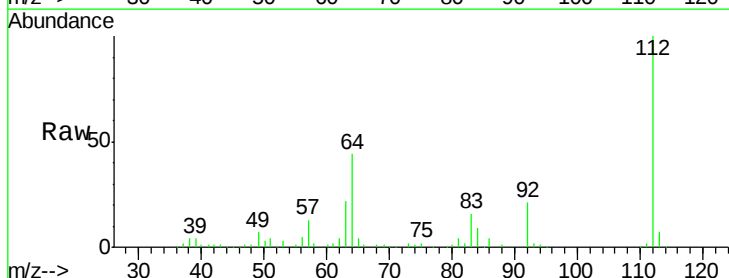
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 21.53 ng
 RT: 5.16 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BG016823.D
 Acq: 30 Apr 2015 7:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.8	35.5	53.3
63	21.9	17.2	25.8

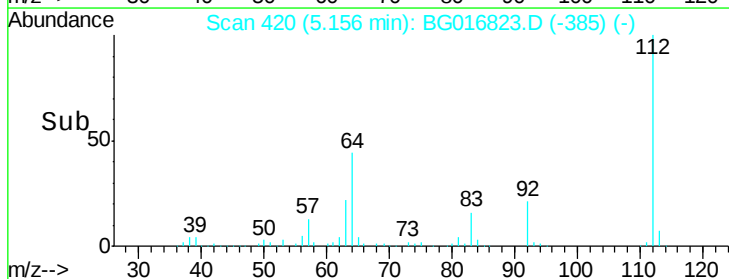
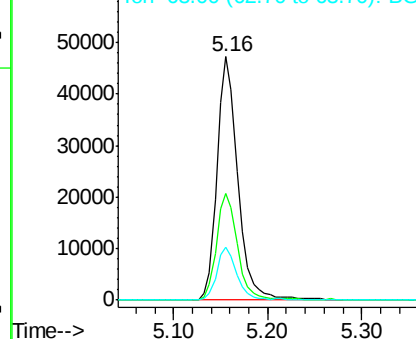


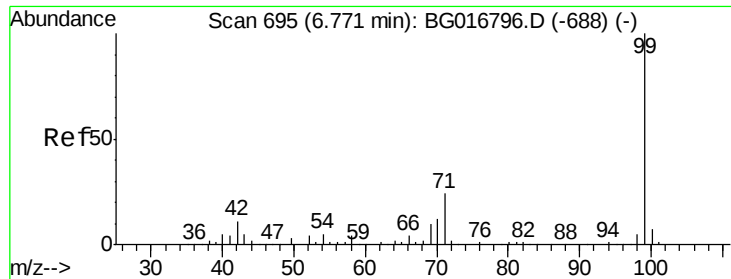
Abundance

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: 20.13 ng

RT: 6.77 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG016823.D

Acq: 30 Apr 2015 7:16

Instrument :

BNA_G

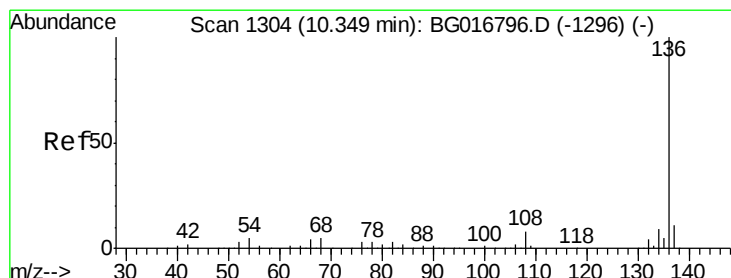
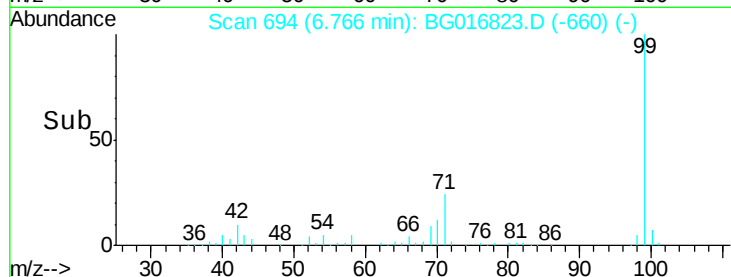
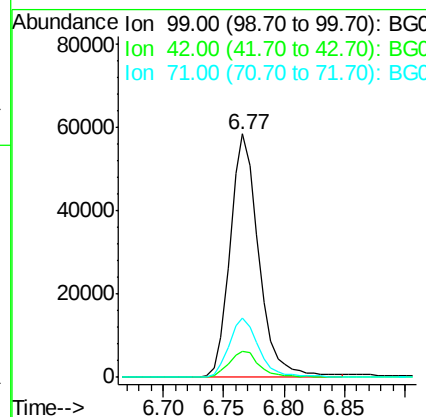
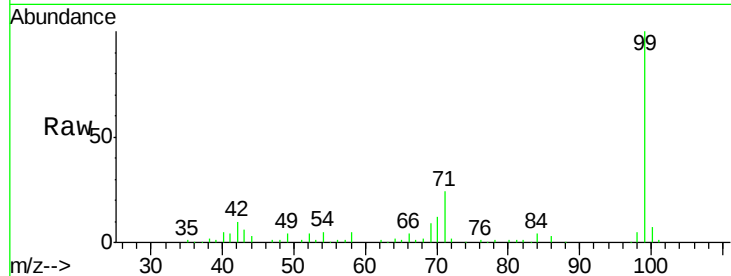
ClientSampleId :

SB1

Tot Ion:	99	Resp:	96562
Ion Ratio	Lower	Upper	
99	100		
42	10.5	8.9	13.3
71	24.1	19.0	28.6

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#21

Naphthalene-d8

Concen: 20.00 ng

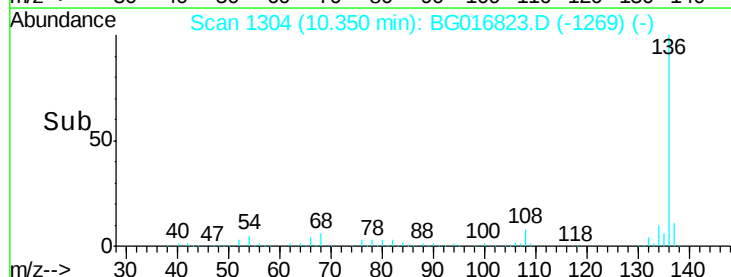
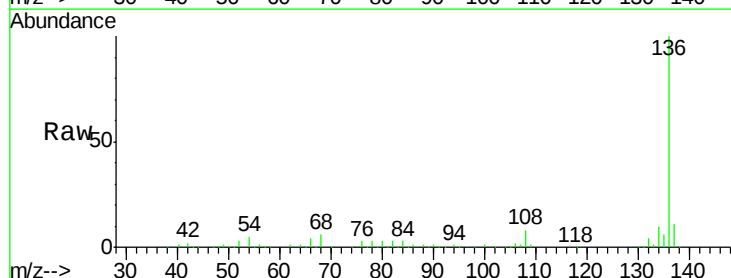
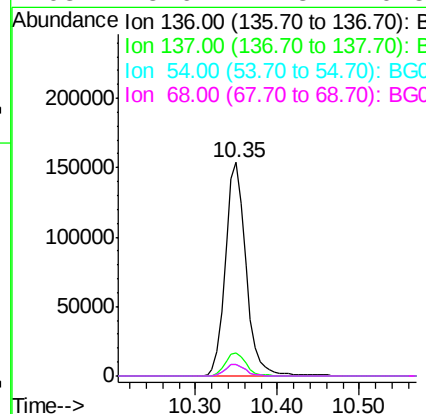
RT: 10.35 min Scan# 1304

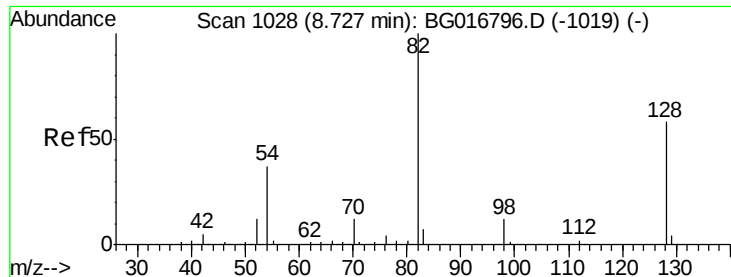
Delta R.T. 0.00 min

Lab File: BG016823.D

Acq: 30 Apr 2015 7:16

Tgt Ion:	136	Resp:	269709
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	12.8
54	5.5	4.3	6.5
68	5.6	4.3	6.5





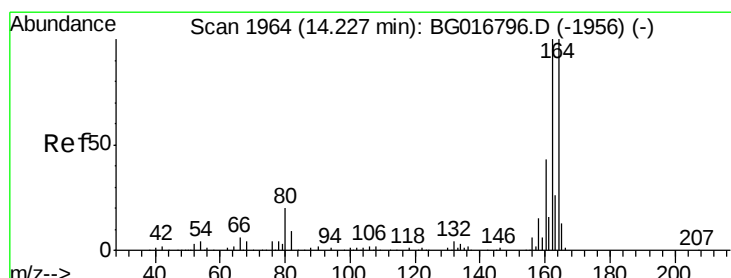
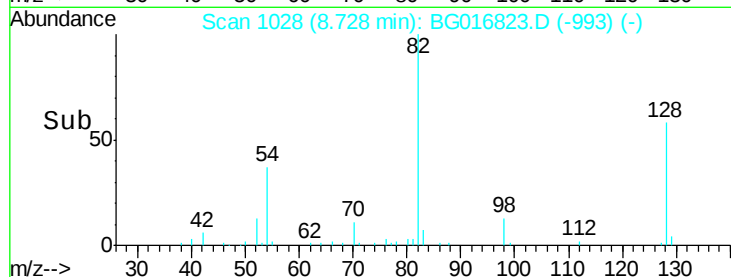
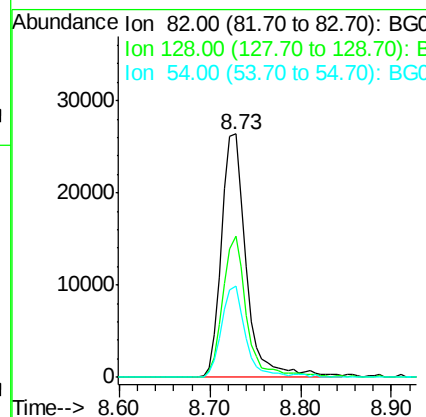
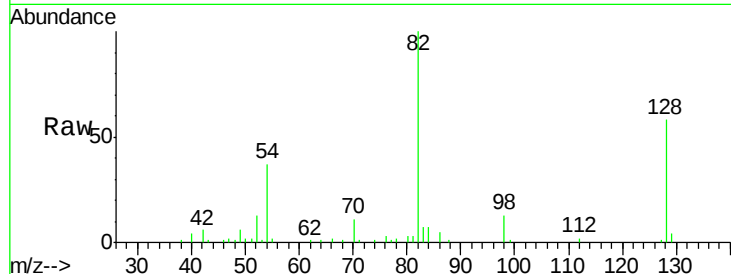
#23
 Nitrobenzene-d5
 Concen: 12.12 ng
 RT: 8.73 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG016823.D
 Acq: 30 Apr 2015 7:16

Instrument :
 BNA_G
 ClientSampled :
 SB1

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	57.7	46.3	69.5	
54	37.3	30.0	45.0	

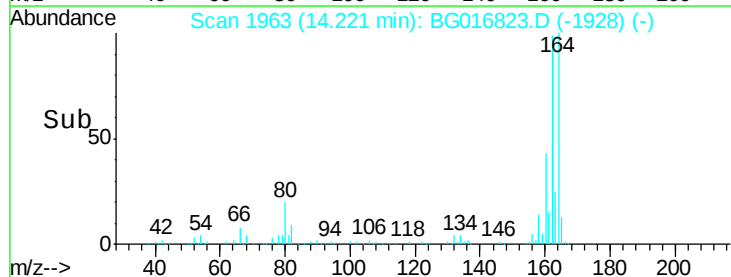
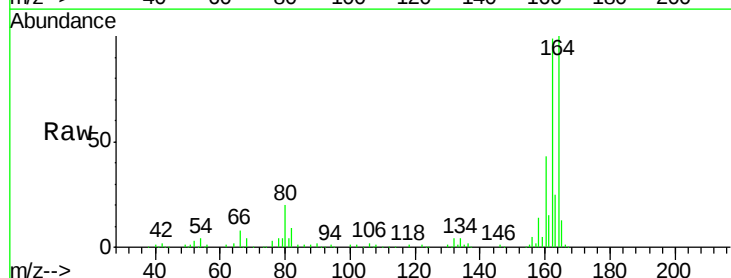
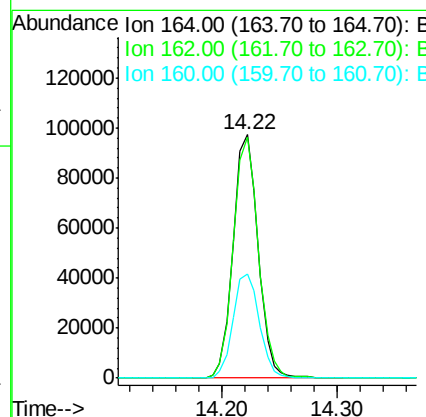
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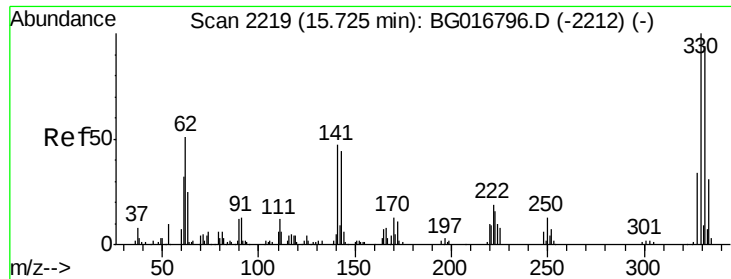
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.22 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: BG016823.D
 Acq: 30 Apr 2015 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.1	80.2	120.4	
160	42.9	34.8	52.2	





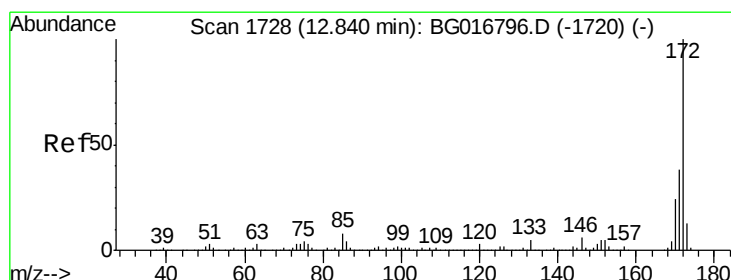
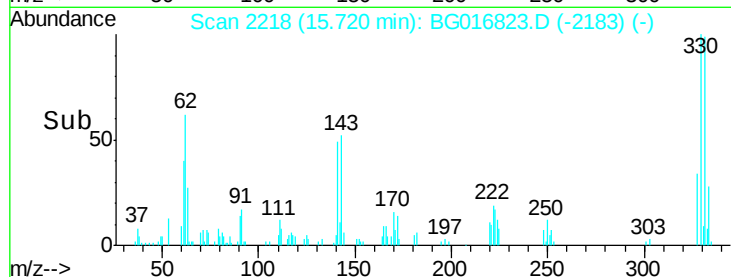
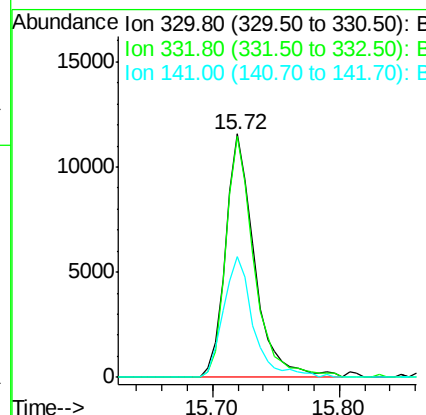
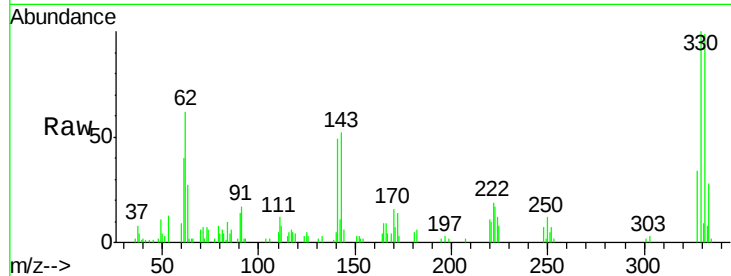
#41
 2,4,6-Tribromophenol
 Concen: 16.92 ng
 RT: 15.72 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: BG016823.D
 Acq: 30 Apr 2015 7:16

Instrument :
 BNA_G
 ClientSampleId :
 SB1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.3	112.9
141	50.8	40.7	61.1

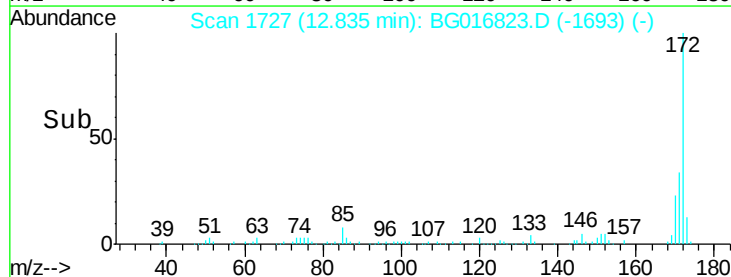
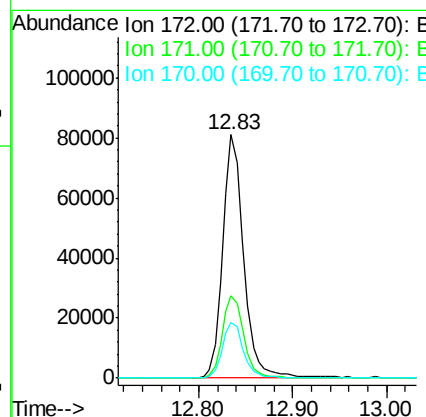
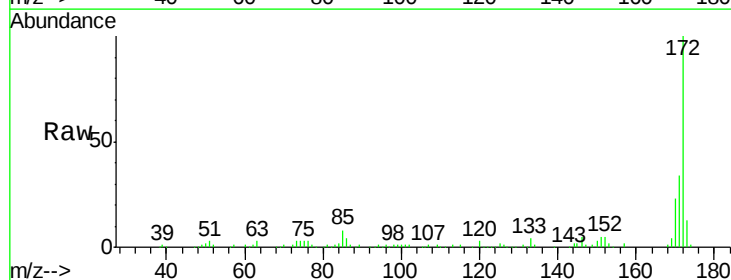
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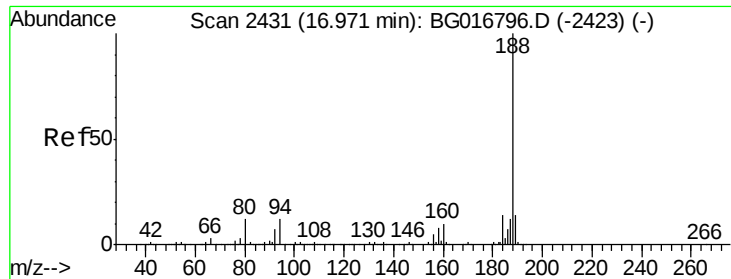
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#44
 2-Fluorobiphenyl
 Concen: 13.51 ng
 RT: 12.83 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BG016823.D
 Acq: 30 Apr 2015 7:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.2	45.4
170	22.6	19.4	29.0





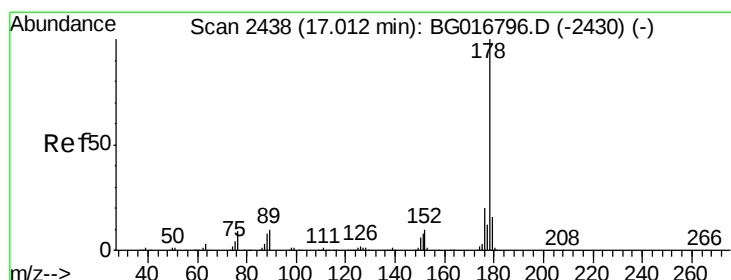
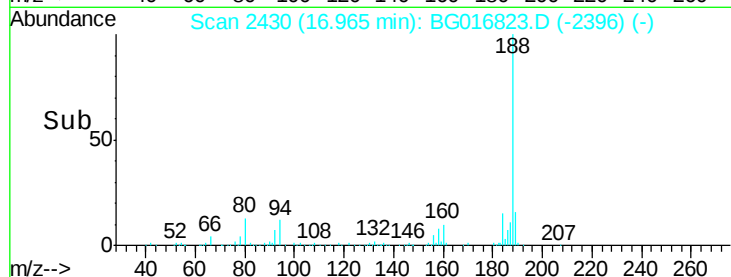
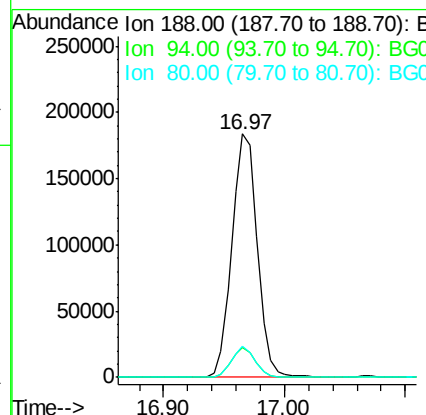
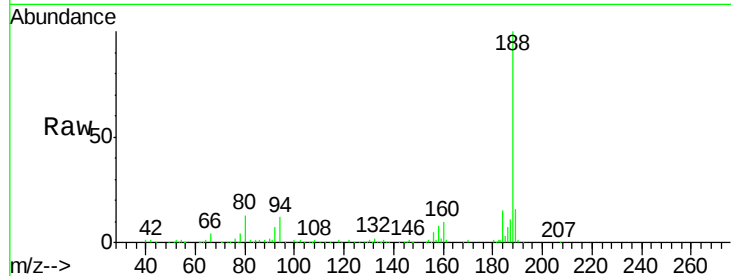
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Instrument :
BNA_G
ClientSampleId :
SB1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.4	9.5	14.3
80	12.9	9.2	13.8

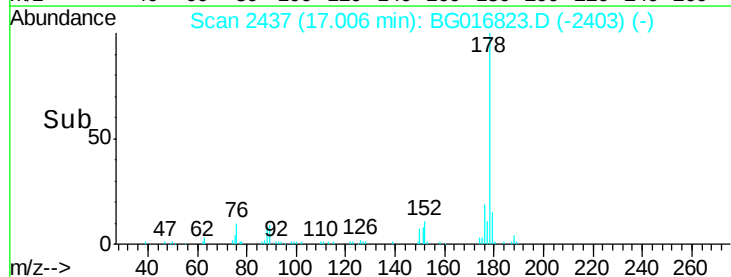
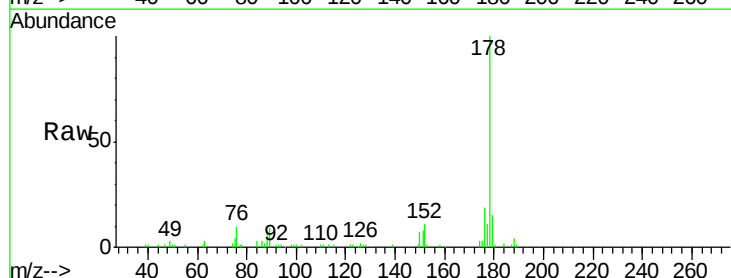
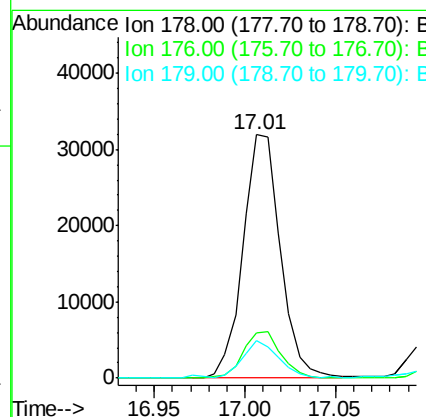
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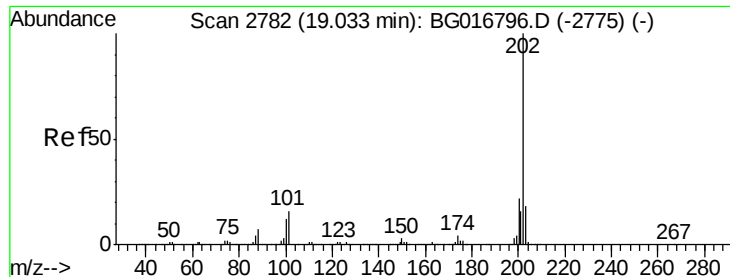
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#70
Phenanthrene
Concen: 3.15 ng
RT: 17.01 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.7	15.9	23.9
179	15.2	12.7	19.1





#74

Fluoranthene

Concen: 5.38 ng

RT: 19.03 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BG016823.D

Acq: 30 Apr 2015 7:16

Instrument :

BNA_G

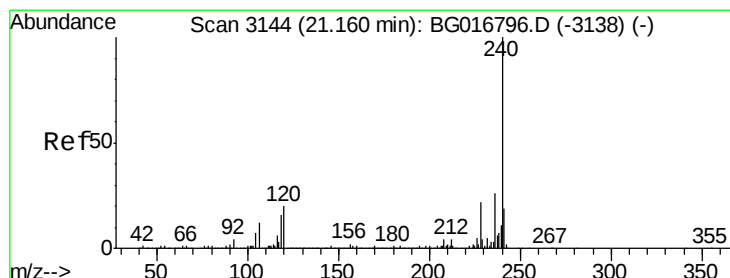
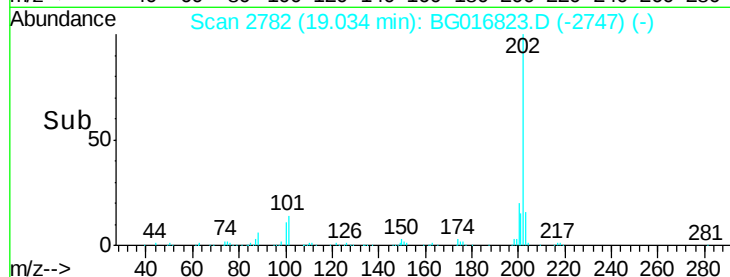
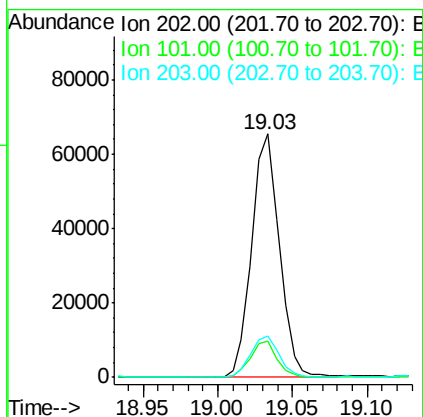
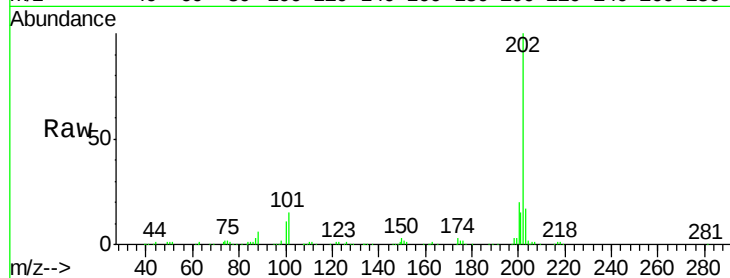
ClientSampleId :

SB1

Tot Ion:	202	Resp:	83998
Ion Ratio	Lower	Upper	
202	100		
101	14.7	0.0	36.2
203	16.8	0.0	37.6

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#75

Chrysene-d12

Concen: 20.00 ng

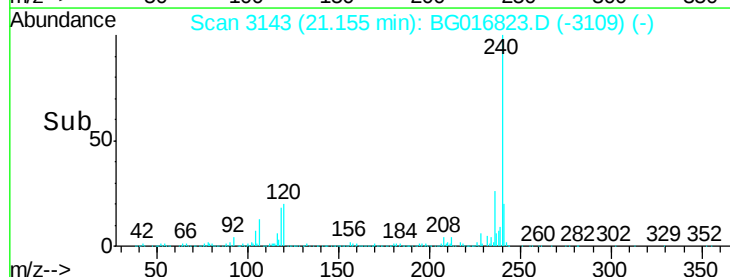
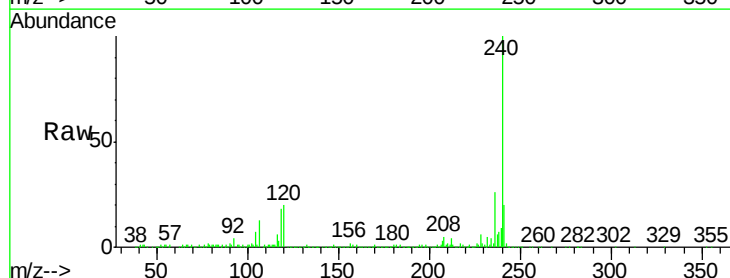
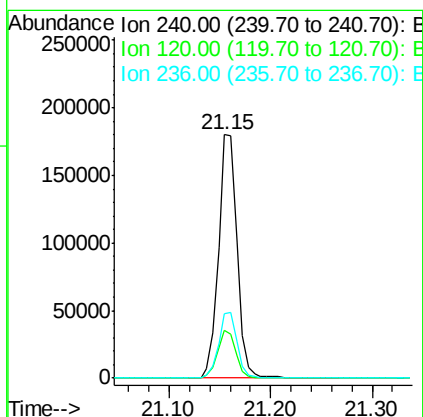
RT: 21.15 min Scan# 3143

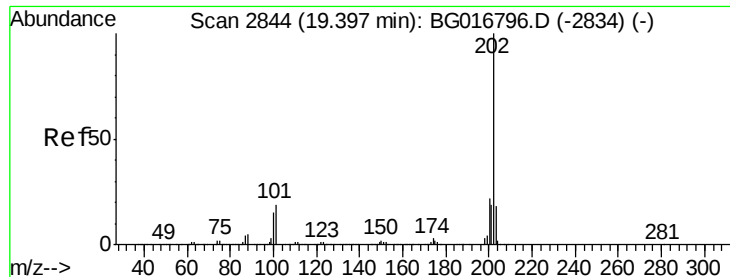
Delta R.T. -0.00 min

Lab File: BG016823.D

Acq: 30 Apr 2015 7:16

Tgt Ion:	240	Resp:	229007
Ion Ratio	Lower	Upper	
240	100		
120	19.7	16.1	24.1
236	26.4	21.0	31.6





#77

Pvrene

Concen: 5.51 ng

RT: 19.40 min Scan# 2844

Delta R.T. 0.00 min

Lab File: BG016823.D

Acq: 30 Apr 2015 7:16

Instrument :

BNA_G

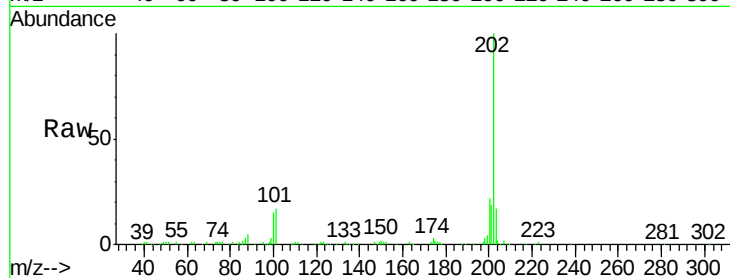
ClientSampleId :

SB1

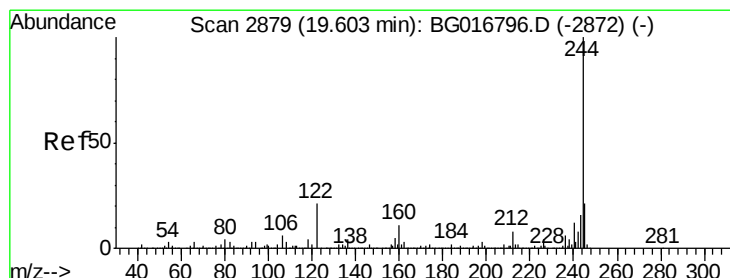
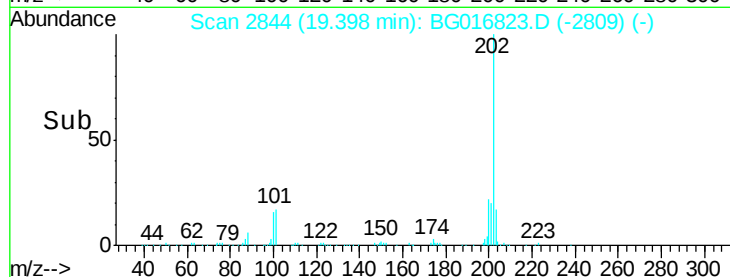
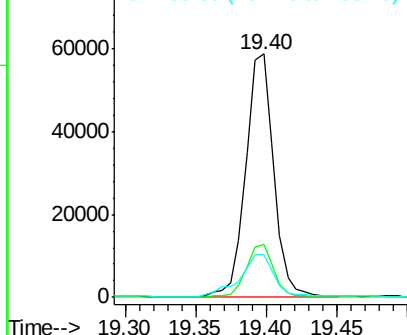
Tot Ion:	202	Resp:	82478
Ion Ratio		Lower	Upper
202	100		
200	21.7	17.3	25.9
203	17.3	14.6	22.0

Manual Integrations
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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: 13.84 ng

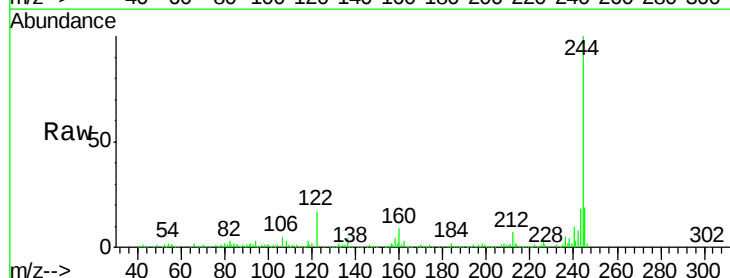
RT: 19.60 min Scan# 2879

Delta R.T. -0.00 min

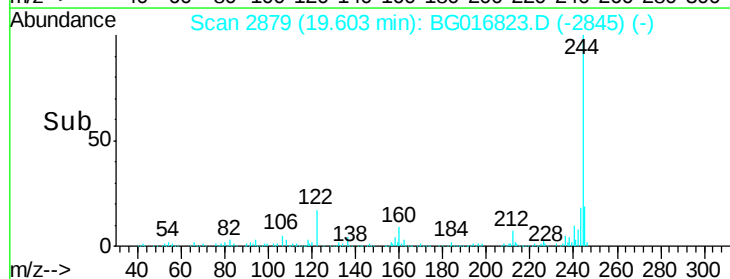
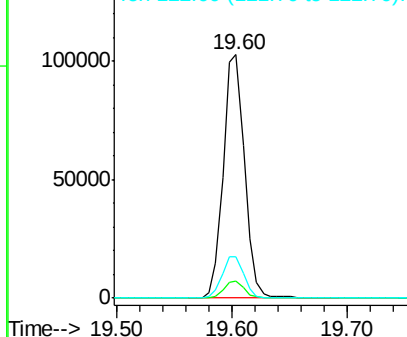
Lab File: BG016823.D

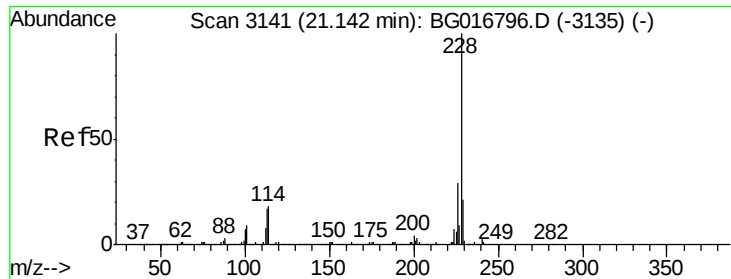
Acq: 30 Apr 2015 7:16

Tgt Ion:	244	Resp:	131376
Ion Ratio		Lower	Upper
244	100		
212	6.8	6.4	9.6
122	17.2	16.4	24.6



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





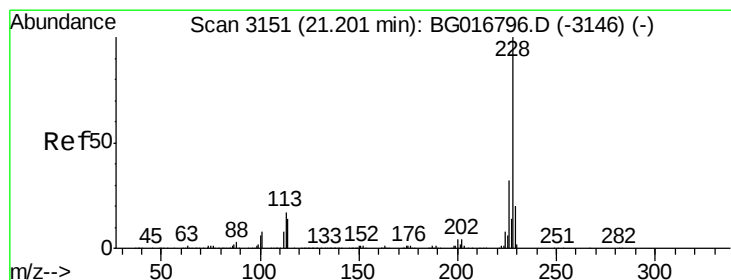
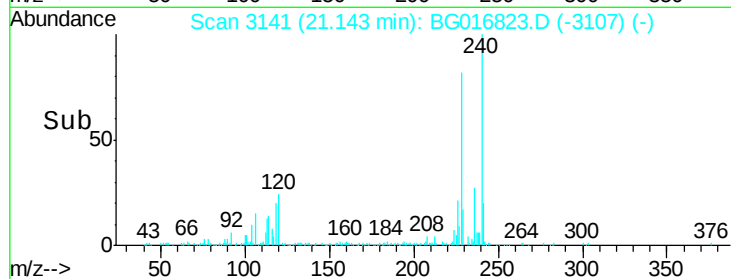
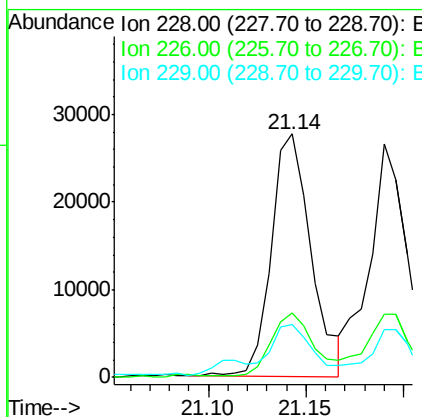
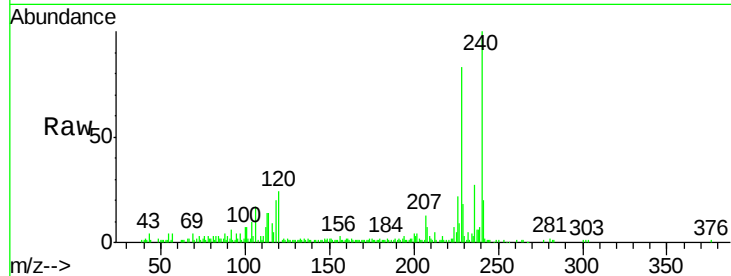
#80
Benzo(a)anthracene
Concen: 2.94 ng
RT: 21.14 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Instrument :
BNA_G
ClientSampleId :
SB1

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.5	23.4	35.0
229	21.9	17.0	25.6

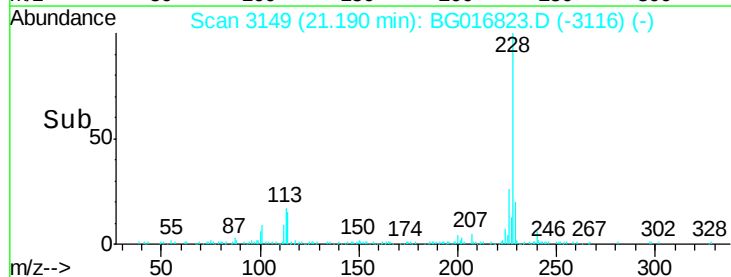
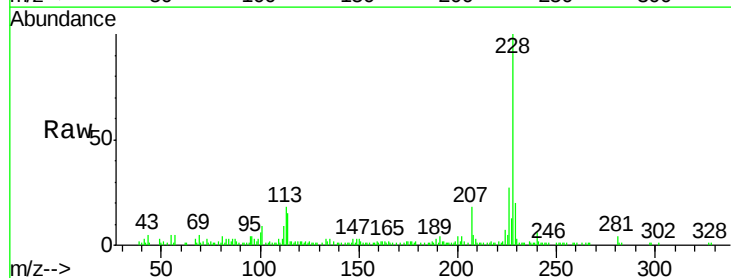
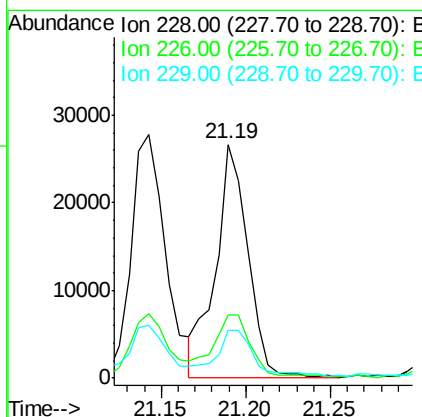
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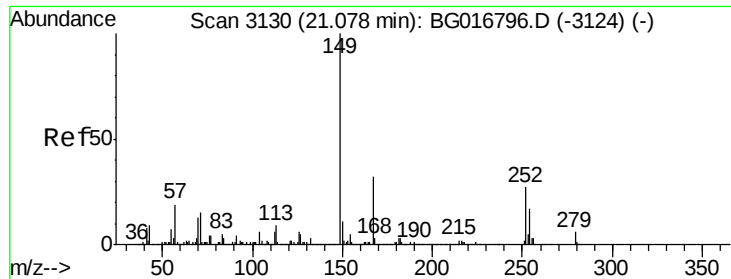
apatel
5/1/2015 8:58:30 AM



#82
Chrysene
Concen: 2.86 ng
RT: 21.19 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG016823.D
Acq: 30 Apr 2015 7:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	25.1	37.7
229	20.4	16.1	24.1





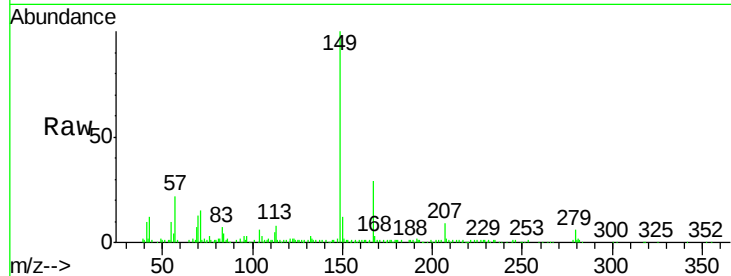
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.59 ng
 RT: 21.07 min Scan# 3129
 Delta R.T. -0.00 min
 Lab File: BG016823.D
 Acq: 30 Apr 2015 7:16

Instrument :
 BNA_G
 ClientSampleId :
 SB1

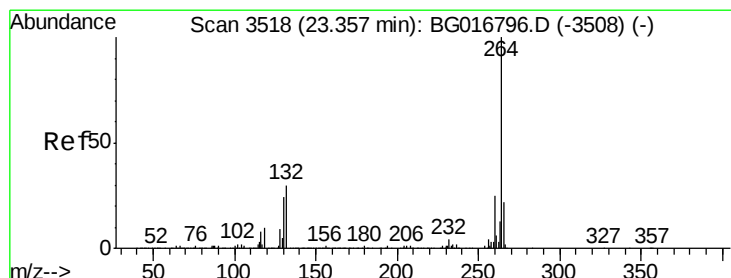
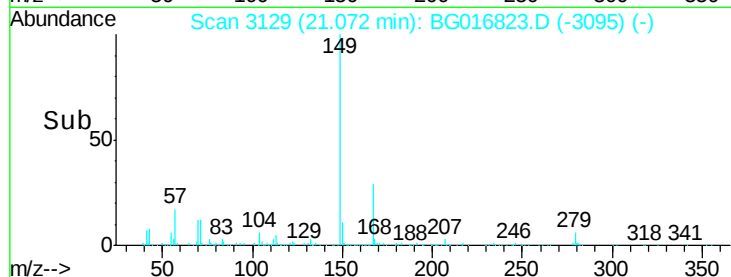
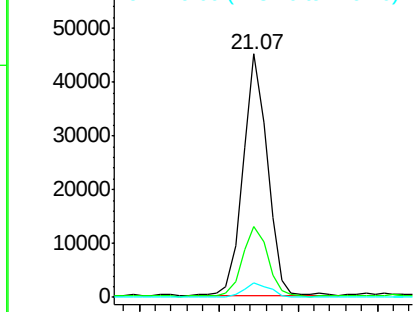
Tot Ion	Ratio	Resp	Lower	Upper
149	100	48197		
167	28.9		25.9	38.9
279	5.9		5.0	7.4

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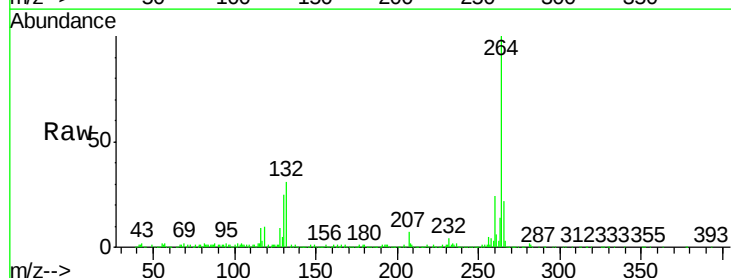


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

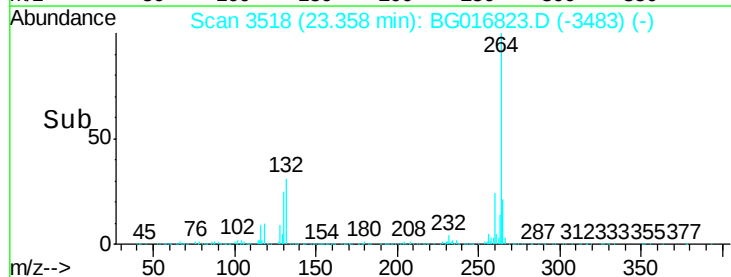
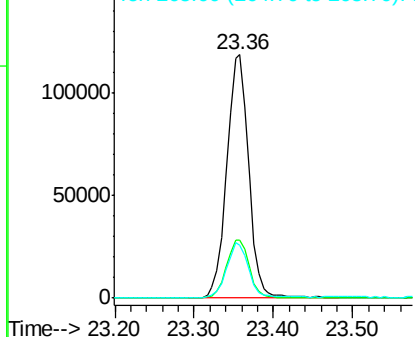


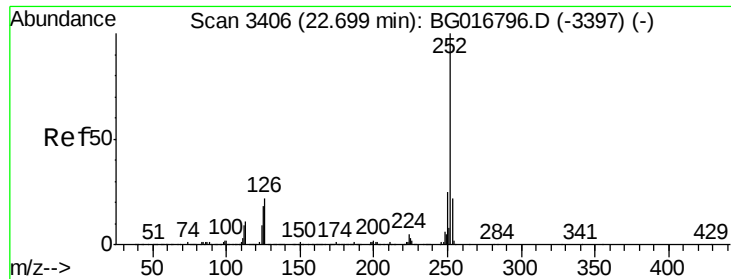
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.36 min Scan# 3518
 Delta R.T. 0.00 min
 Lab File: BG016823.D
 Acq: 30 Apr 2015 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	226307		
260	23.8		19.7	29.5
265	21.7		17.4	26.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 3.42 ng

RT: 22.69 min Scan# 3405

Delta R.T. -0.00 min

Lab File: BG016823.D

Acq: 30 Apr 2015 7:16

Instrument :

BNA_G

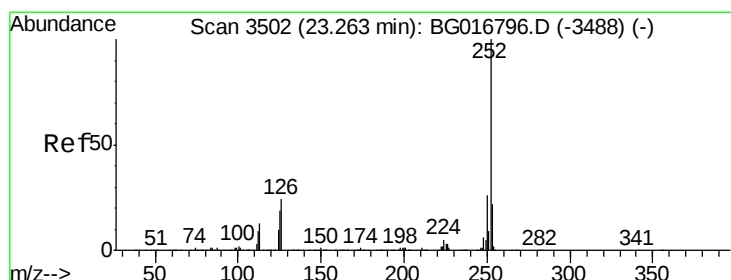
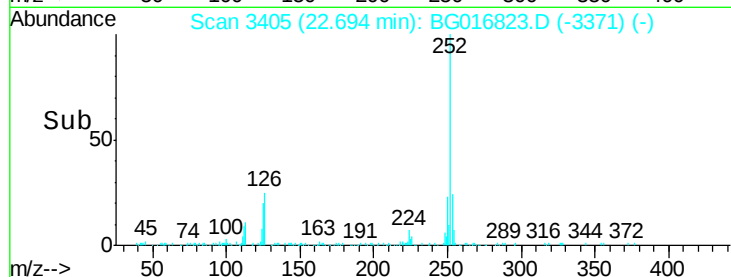
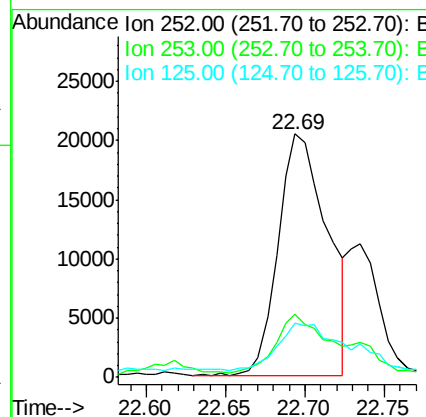
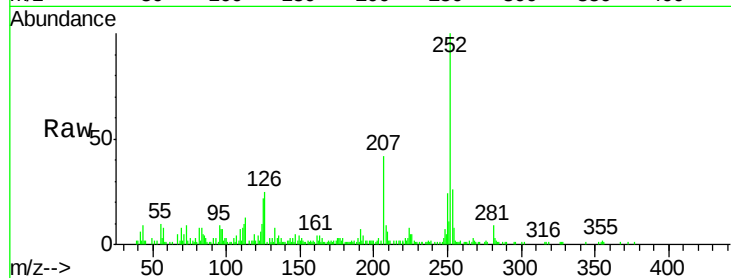
ClientSampleId :

SB1

Tot Ion:	252	Resp:	44017
Ion Ratio	Lower	Upper	
252	100		
253	25.8	18.0	27.0
125	22.3	14.2	21.2#

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#89

Benzo(a)pyrene

Concen: 2.72 ng

RT: 23.26 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BG016823.D

Acq: 30 Apr 2015 7:16

Tgt Ion:	252	Resp:	33204
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.9	26.9
125	23.1	15.0	22.4#

