

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
 Data File : BG016819.D
 Acq On : 30 Apr 2015 4:57
 Operator : TP/IZ
 Sample : G2031-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB4

Manual Integrations
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Quant Time: Apr 30 06:34:27 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 02:30:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	59682	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	262653	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	150580	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	282610	20.00	ng	0.00
75) Chrysene-d12	21.16	240	242967	20.00	ng	0.00
86) Perylene-d12	23.36	264	238213	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	322710	99.60	ng	0.00
7) Phenol-d6	6.77	99	447257	98.35	ng	0.00
23) Nitrobenzene-d5	8.72	82	223949	55.54	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	94790	84.52	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	519188	53.38	ng	0.00
78) Terphenyl-d14	19.60	244	528603	52.48	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	13.68	163	30419	2.82	ng	97
70) Phenanthrene	17.01	178	216159	14.14	ng	99
71) Anthracene	17.10	178	43540	2.85	ng	98
74) Fluoranthene	19.03	202	486038	29.57	ng	99
77) Pyrene	19.40	202	467350	29.42	ng	99
80) Benzo(a)anthracene	21.14	228	238965	17.02	ng	99
82) Chrysene	21.20	228	227180	17.11	ng	97
83) Bis(2-ethylhexyl)phthalate	21.07	149	113899	10.23	ng	97
85) Indeno(1,2,3-cd)pyrene	25.58	276	145852	9.65	ng	91
87) Benzo(b)fluoranthene	22.70	252	293163m	21.61	ng	
88) Benzo(k)fluoranthene	22.74	252	107399m	8.09	ng	
89) Benzo(a)pyrene	23.26	252	214952	16.74	ng	97
90) Dibenzo(a,h)anthracene	25.58	278	37184	2.87	ng	# 67
91) Benzo(a,h,i)perylene	26.27	276	146965	11.28	ng	99

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

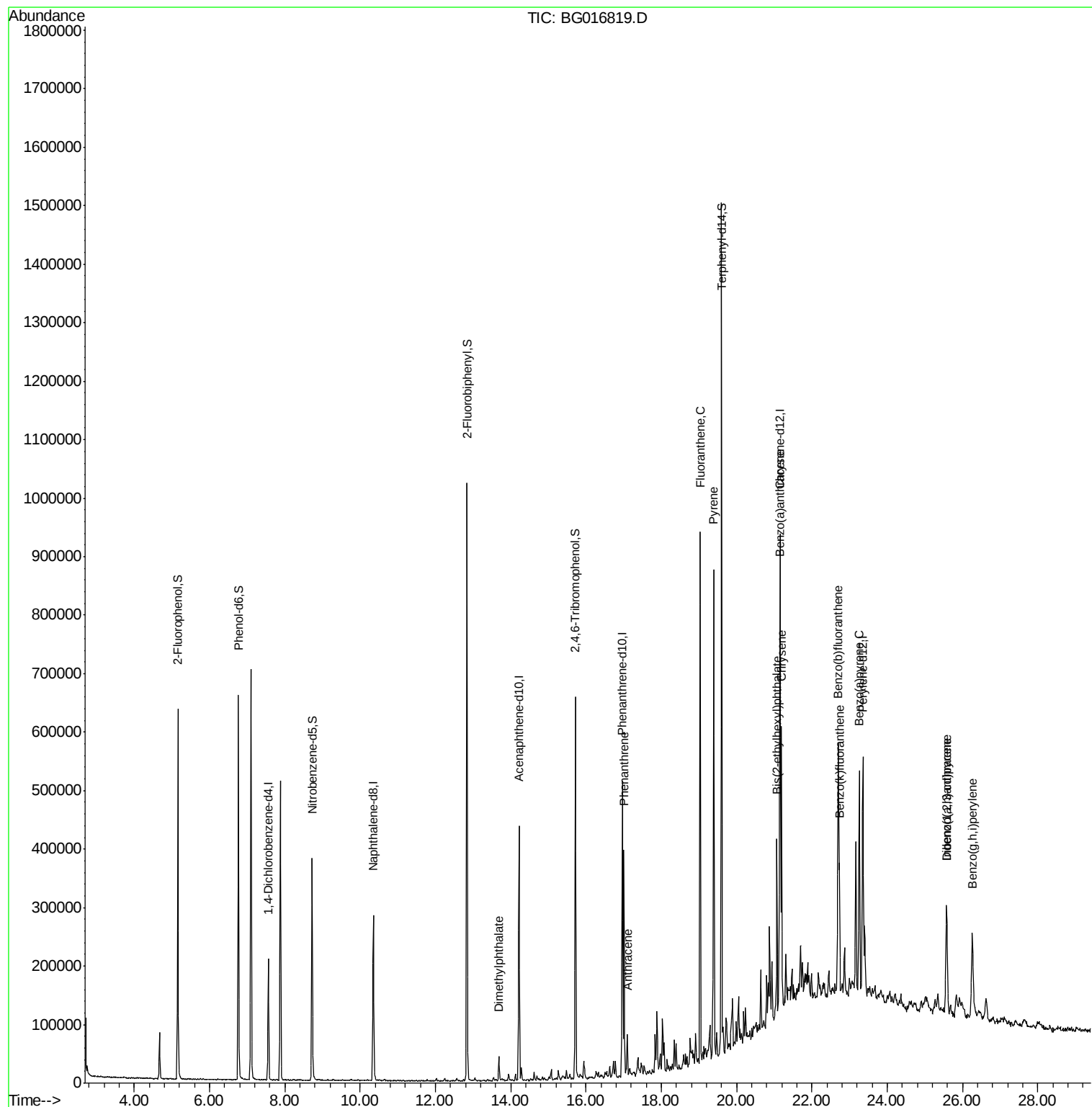
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
Data File : BG016819.D
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ALS Vial : 25 Sample Multiplier: 1

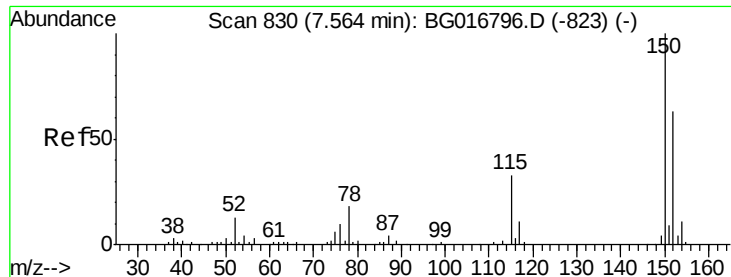
Instrument :
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SB4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

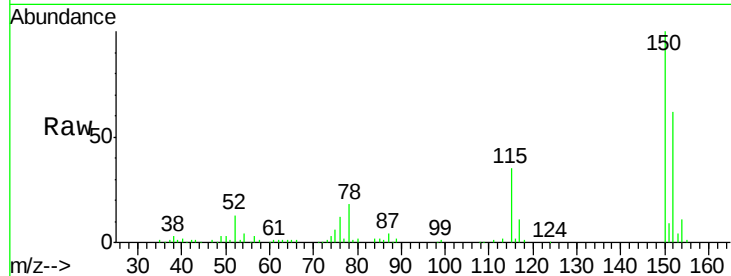
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG016819.D
Acq: 30 Apr 2015 4:57

Instrument :
BNA_G
ClientSampled :
SB4

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	126.2	189.4
115	56.3	41.1	61.7

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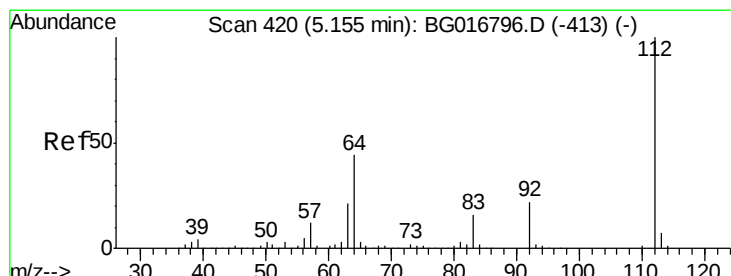
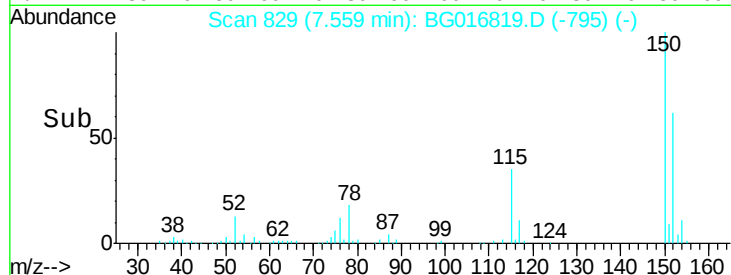
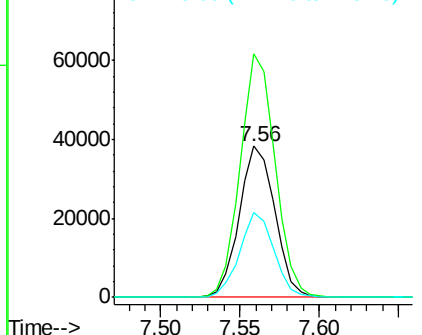


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

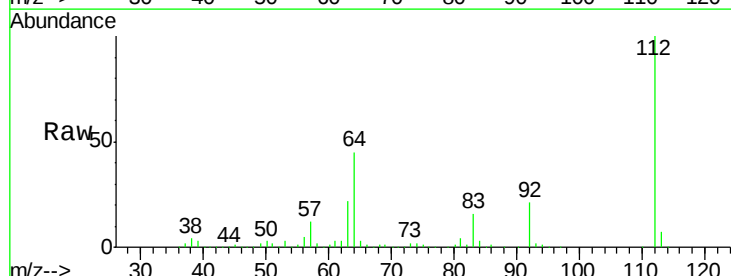
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.60 ng
RT: 5.16 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG016819.D
Acq: 30 Apr 2015 4:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.8	35.5	53.3
63	22.2	17.2	25.8

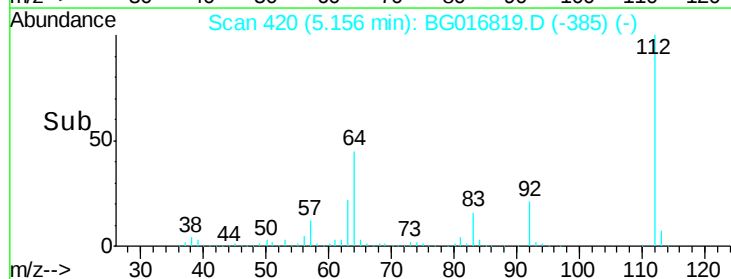
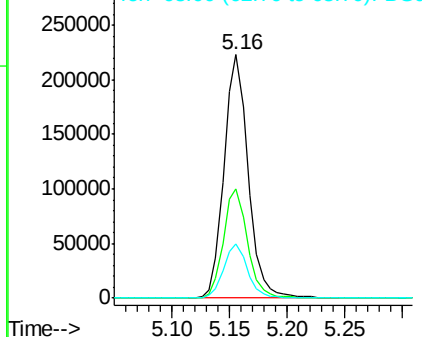


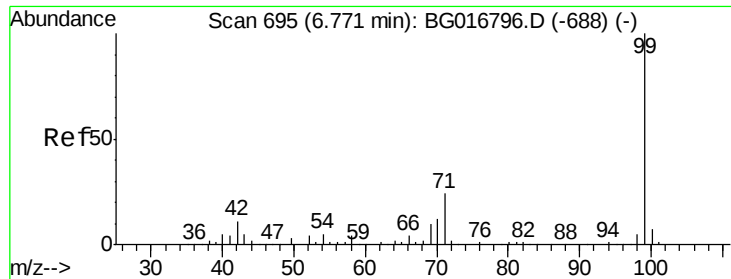
Abundance

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: 98.35 ng

RT: 6.77 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG016819.D

Acq: 30 Apr 2015 4:57

Instrument :

BNA_G

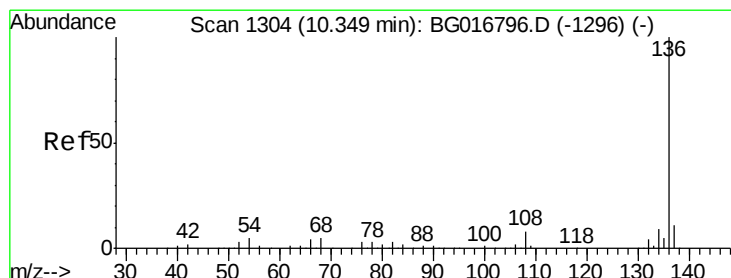
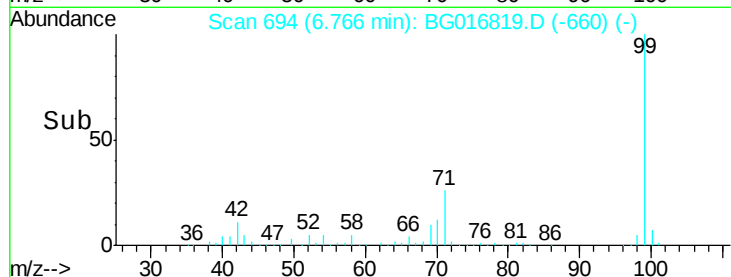
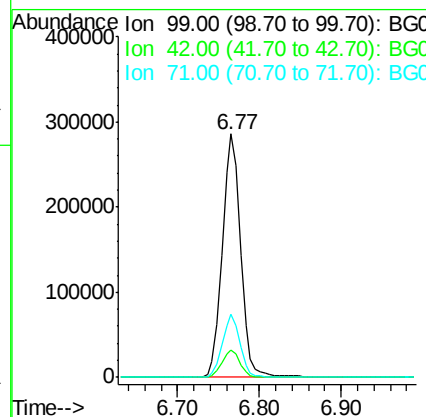
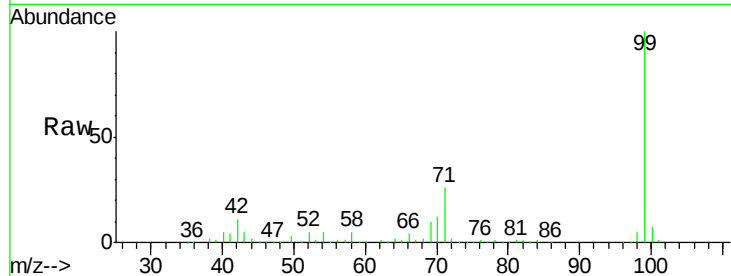
ClientSampleId :

SB4

Tot Ion:	99	Resp:	447257
Ion Ratio	Lower	Upper	
99	100		
42	11.4	8.9	13.3
71	26.1	19.0	28.6

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#21

Naphthalene-d8

Concen: 20.00 ng

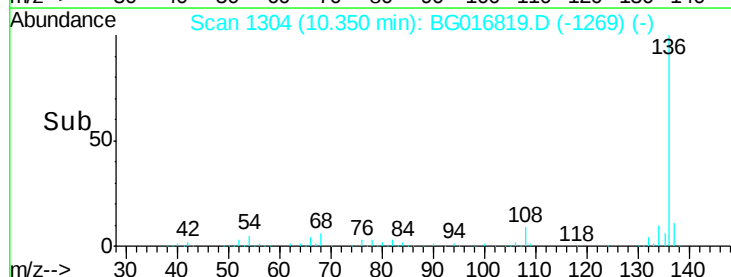
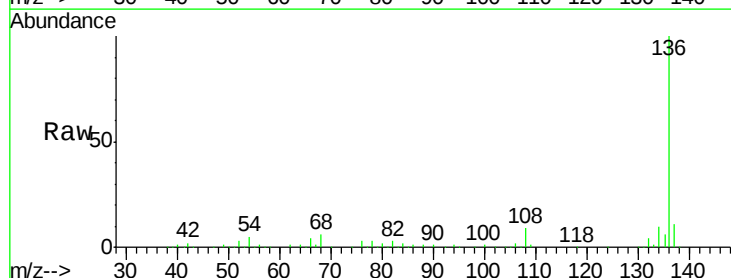
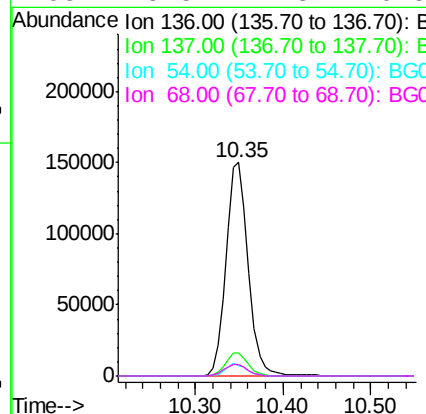
RT: 10.35 min Scan# 1304

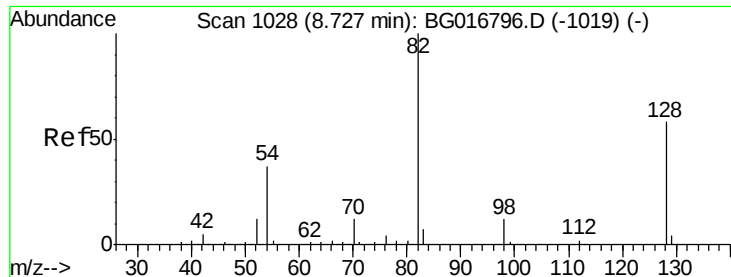
Delta R.T. 0.00 min

Lab File: BG016819.D

Acq: 30 Apr 2015 4:57

Tgt Ion:	136	Resp:	262653
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	12.8
54	5.1	4.3	6.5
68	5.5	4.3	6.5





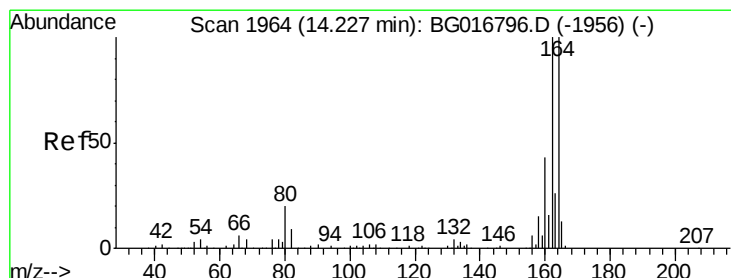
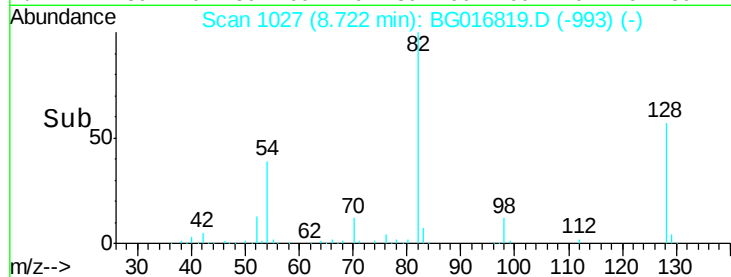
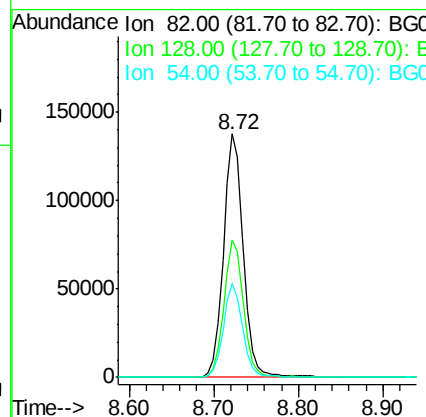
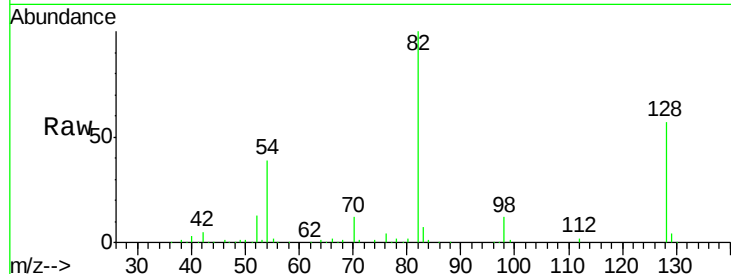
#23
 Nitrobenzene-d5
 Concen: 55.54 ng
 RT: 8.72 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG016819.D
 Acq: 30 Apr 2015 4:57

Instrument :
 BNA_G
 ClientSampled :
 SB4

Tot Ion	Ratio	Resp	Lower	Upper
82	100	223949		
128	56.6	46.3	69.5	
54	38.7	30.0	45.0	

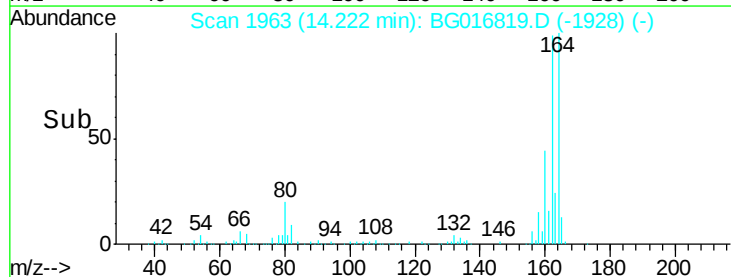
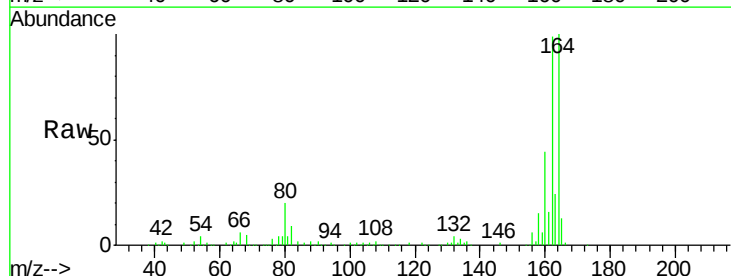
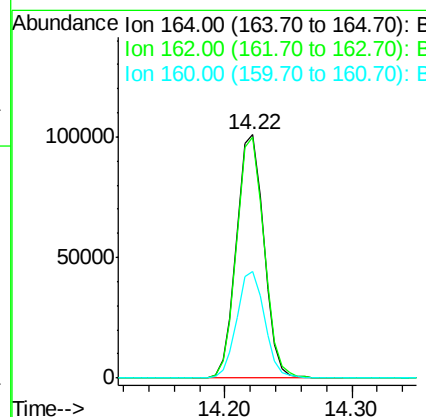
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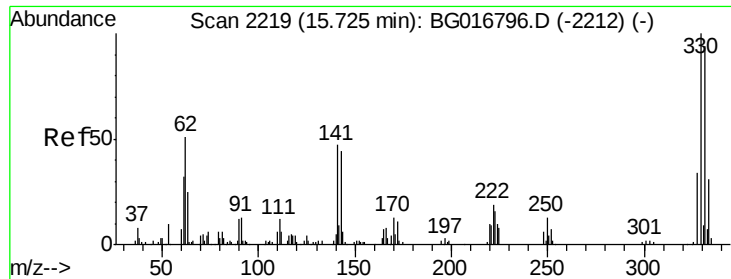
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.22 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: BG016819.D
 Acq: 30 Apr 2015 4:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	150580		
162	98.9	80.2	120.4	
160	44.0	34.8	52.2	





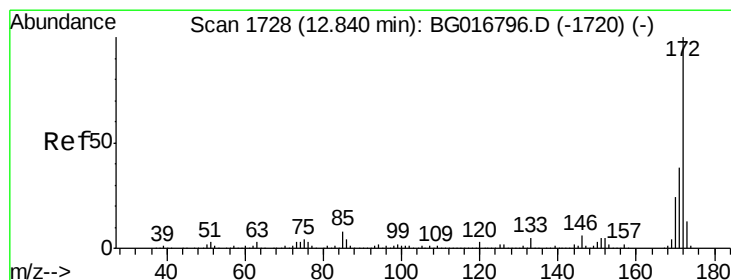
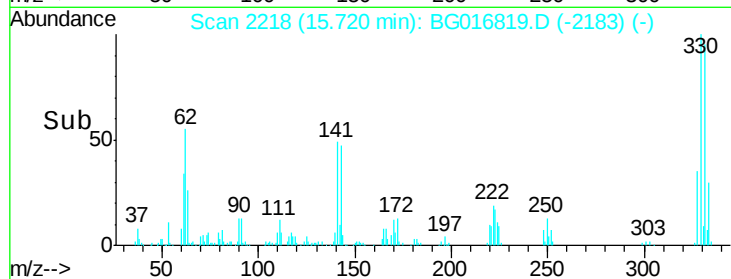
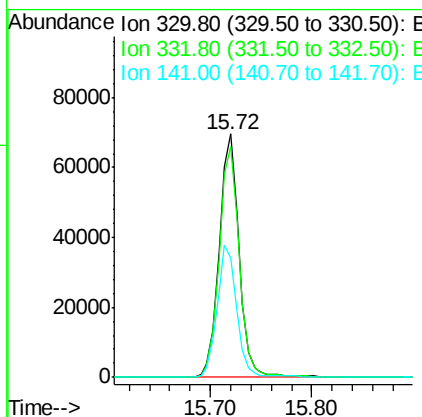
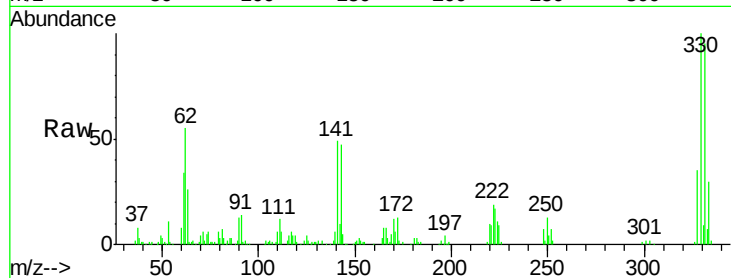
#41
 2,4,6-Tribromophenol
 Concen: 84.52 ng
 RT: 15.72 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: BG016819.D
 Acq: 30 Apr 2015 4:57

Instrument :
 BNA_G
 ClientSampled :
 SB4

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	75.3	112.9	
141	53.8	40.7	61.1	

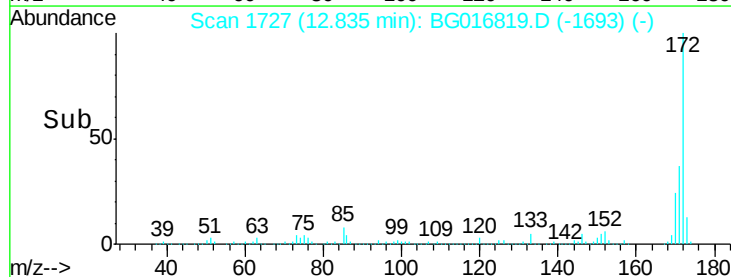
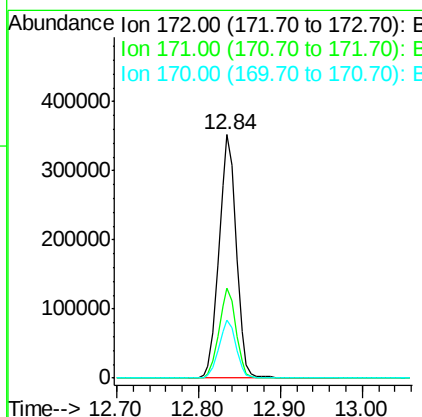
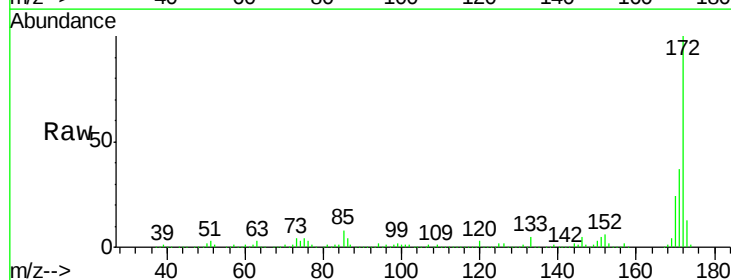
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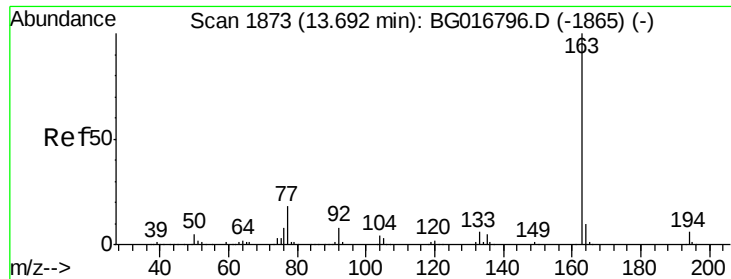
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#44
 2-Fluorobiphenyl
 Concen: 53.38 ng
 RT: 12.84 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BG016819.D
 Acq: 30 Apr 2015 4:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.2	30.2	45.4	
170	24.1	19.4	29.0	





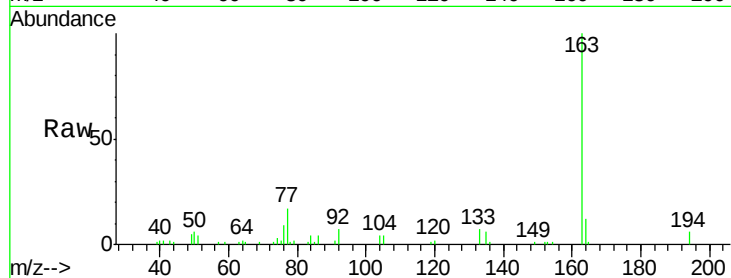
#49
Dimethylphthalate
Concen: 2.82 ng
RT: 13.68 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG016819.D
Acq: 30 Apr 2015 4:57

Instrument :
BNA_G
ClientSampled :
SB4

Tot Ion	Ratio	Resp	Lower	Upper
163	100	30419		
194	6.2		4.7	7.1
164	11.7		8.2	12.2

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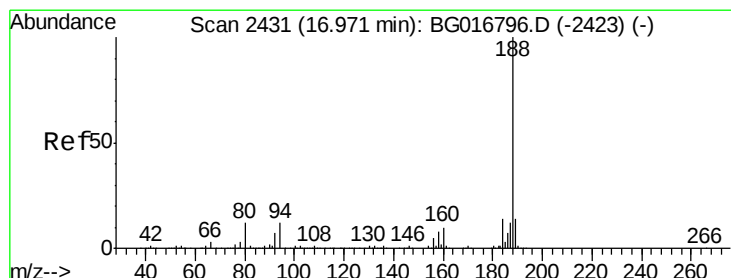
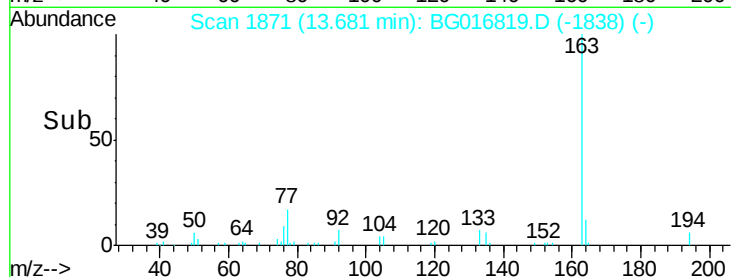
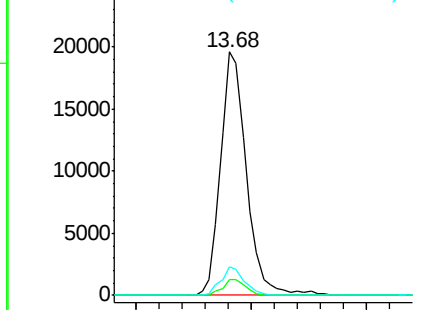


Abundance

Ion 163.00 (162.70 to 163.70): E

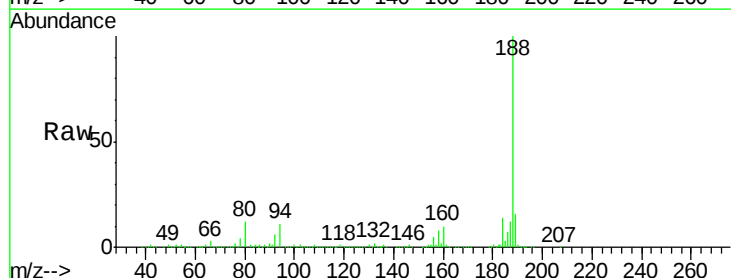
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG016819.D
Acq: 30 Apr 2015 4:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	282610		
94	11.2		9.5	14.3
80	11.6		9.2	13.8

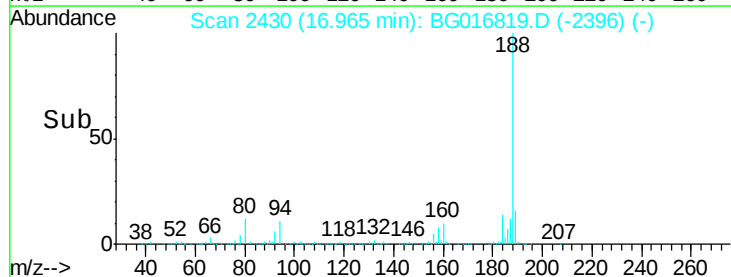
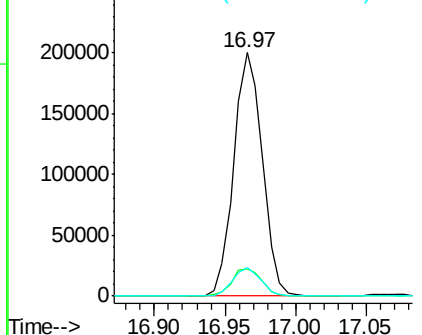


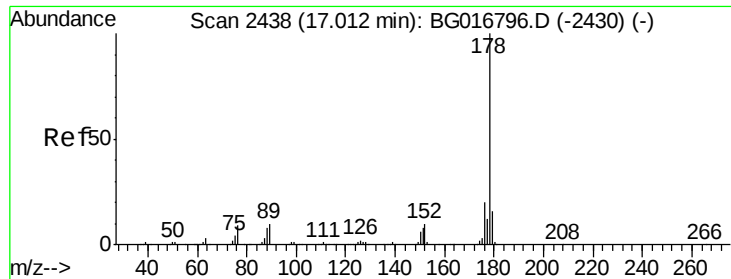
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





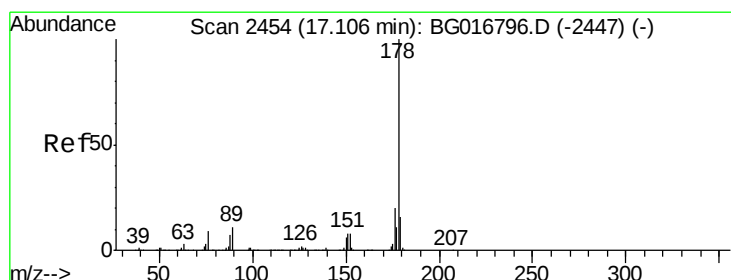
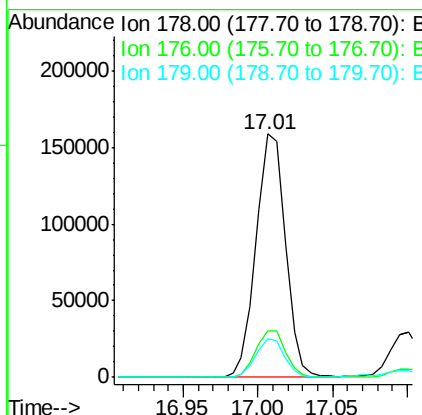
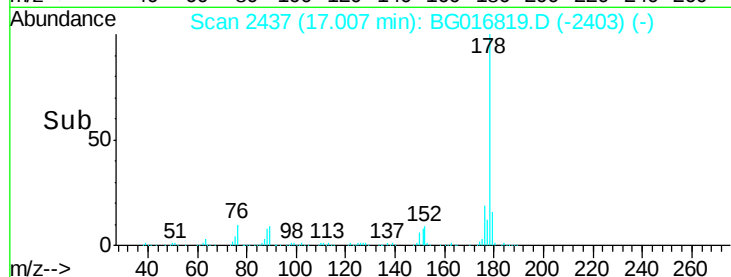
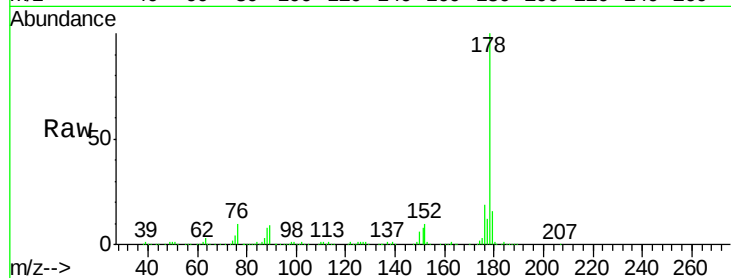
#70
Phenanthrene
Concen: 14.14 ng
RT: 17.01 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BG016819.D
Acq: 30 Apr 2015 4:57

Instrument :
BNA_G
ClientSampleId :
SB4

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	16.1	12.7	19.1

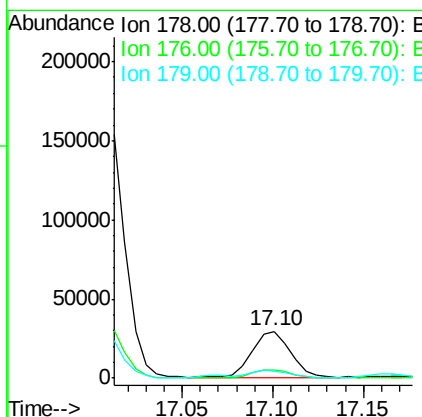
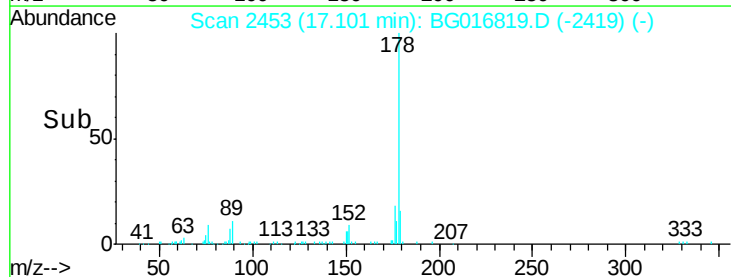
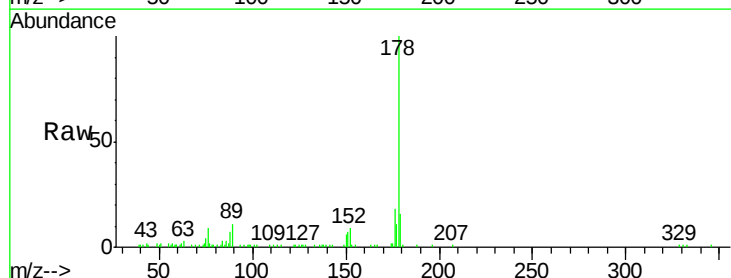
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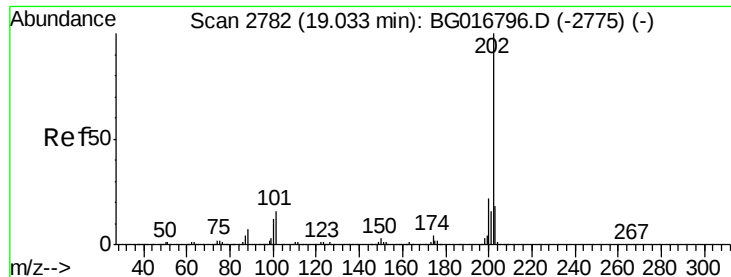
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#71
Anthracene
Concen: 2.85 ng
RT: 17.10 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG016819.D
Acq: 30 Apr 2015 4:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.0	24.0
179	15.9	12.6	18.8





#74

Fluoranthene

Concen: 29.57 ng

RT: 19.03 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BG016819.D

Acq: 30 Apr 2015 4:57

Instrument :

BNA_G

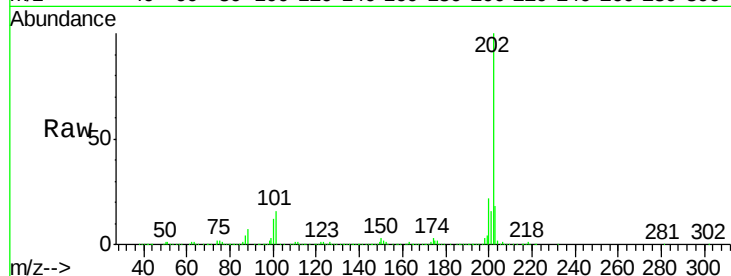
ClientSampleId :

SB4

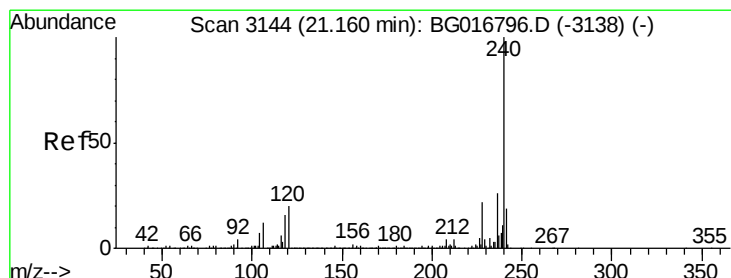
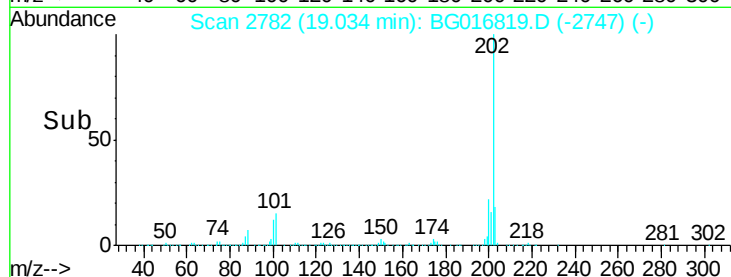
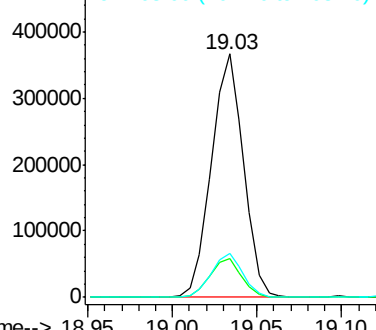
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		486038		
101	15.7	0.0	36.2		
203	18.0	0.0	37.6		

Manual Integrations
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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

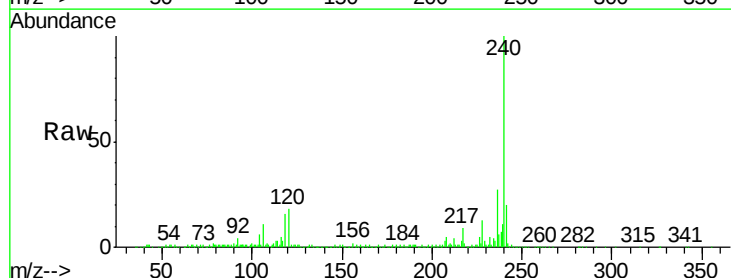
RT: 21.16 min Scan# 3144

Delta R.T. 0.00 min

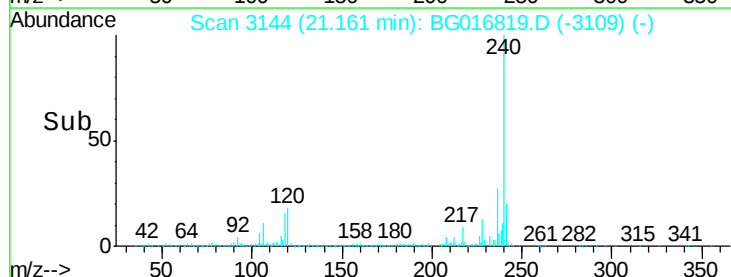
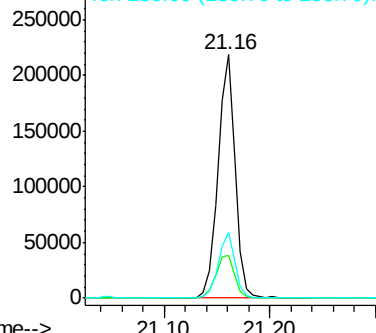
Lab File: BG016819.D

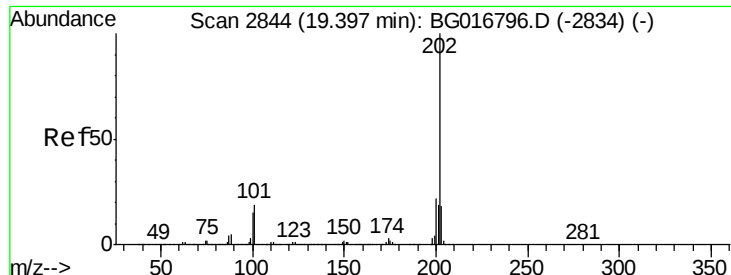
Acq: 30 Apr 2015 4:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		242967		
120	17.8	16.1	24.1		
236	27.0	21.0	31.6		



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





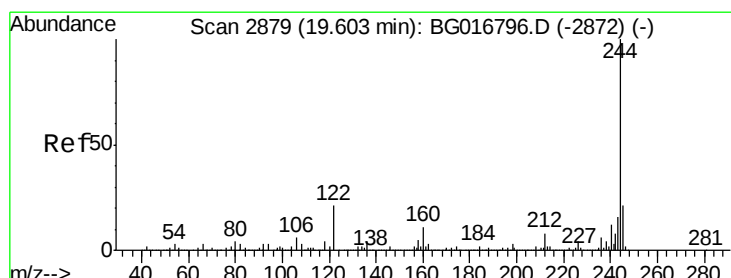
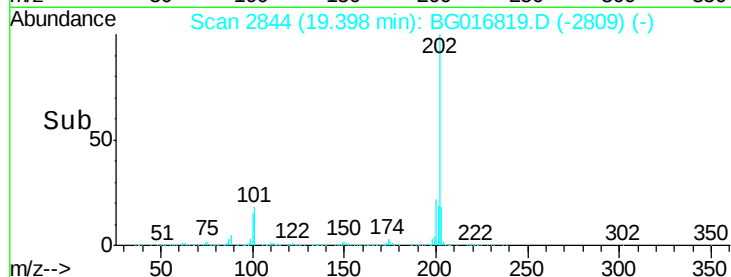
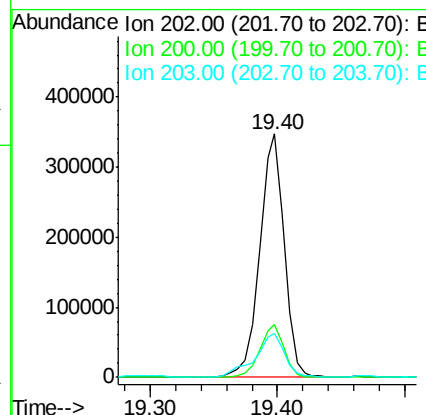
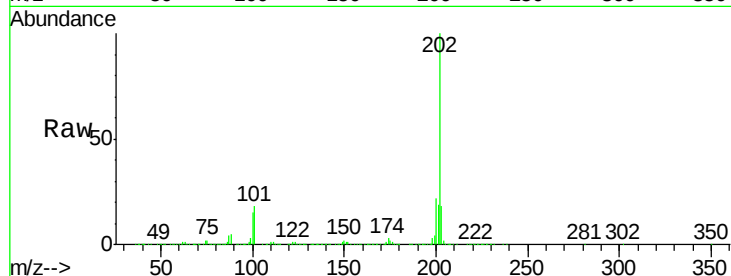
#77
Pvrene
Concen: 29.42 ng
RT: 19.40 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BG016819.D
Acq: 30 Apr 2015 4:57

Instrument :
BNA_G
ClientSampleId :
SB4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	21.8	17.3	25.9		
203	18.0	14.6	22.0		

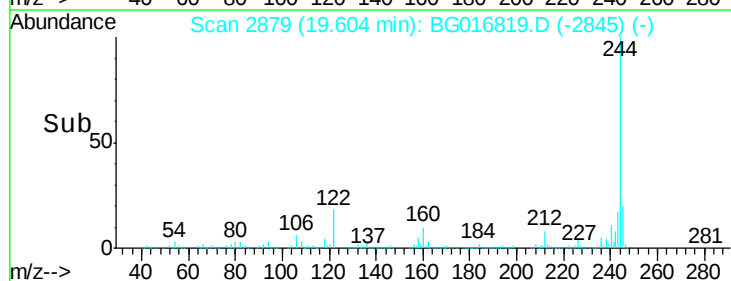
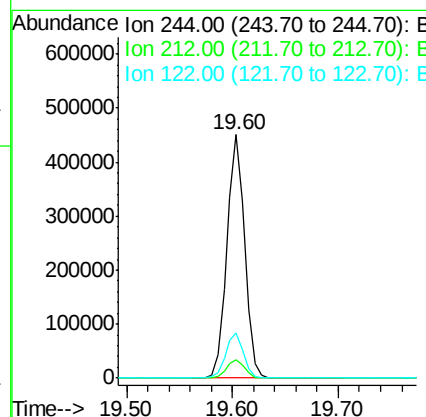
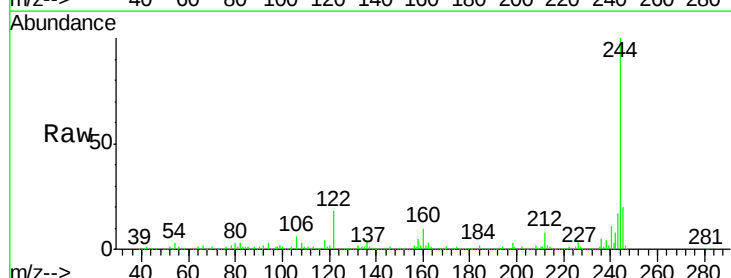
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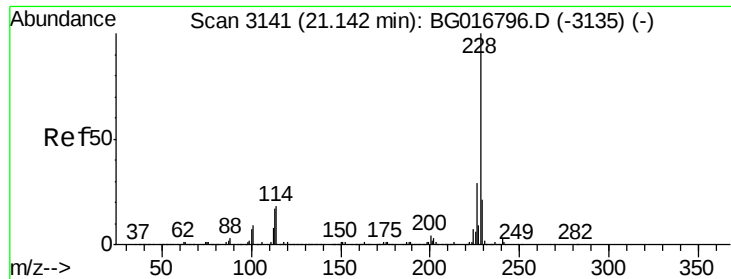
apatel
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#78
Terphenyl-d14
Concen: 52.48 ng
RT: 19.60 min Scan# 2879
Delta R.T. -0.00 min
Lab File: BG016819.D
Acq: 30 Apr 2015 4:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100				
212	7.7	6.4	9.6		
122	18.5	16.4	24.6		





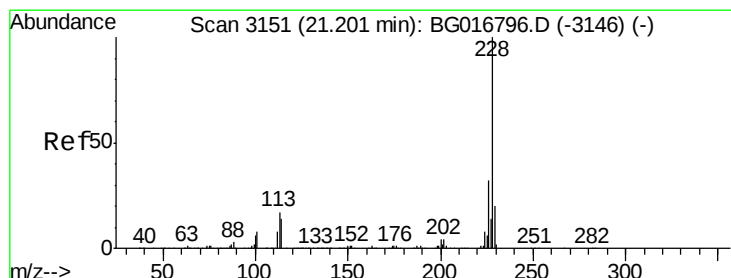
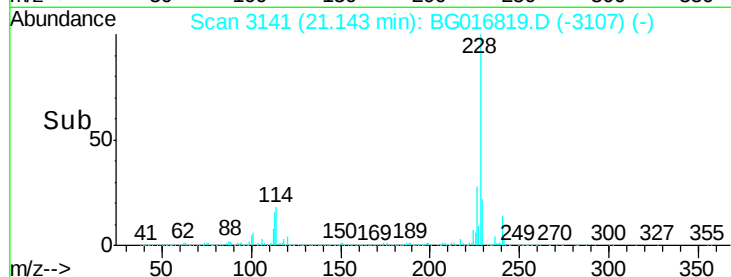
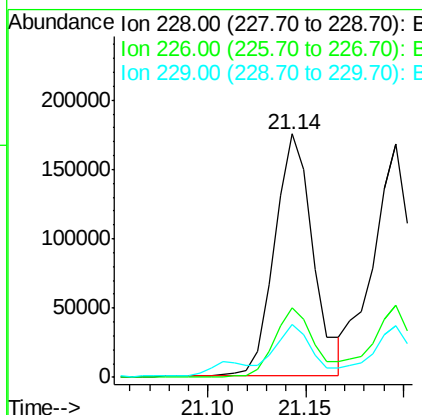
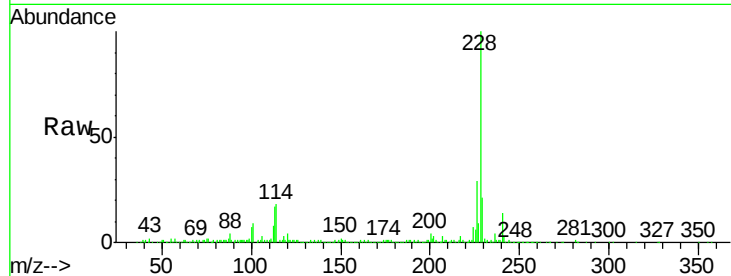
#80
Benzo(a)anthracene
Concen: 17.02 ng
RT: 21.14 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG016819.D
Acq: 30 Apr 2015 4:57

Instrument :
BNA_G
ClientSampleId :
SB4

Tot Ion	Ratio	Resp Lower	Upper
228	100		
226	28.6	23.4	35.0
229	21.5	17.0	25.6

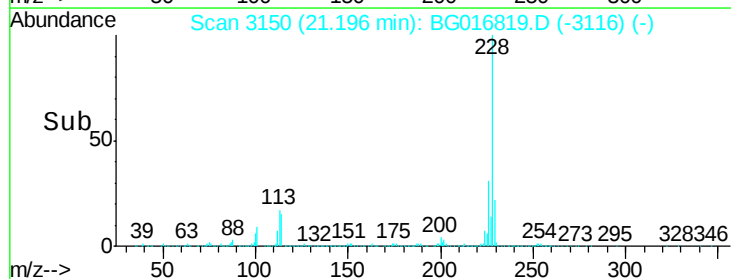
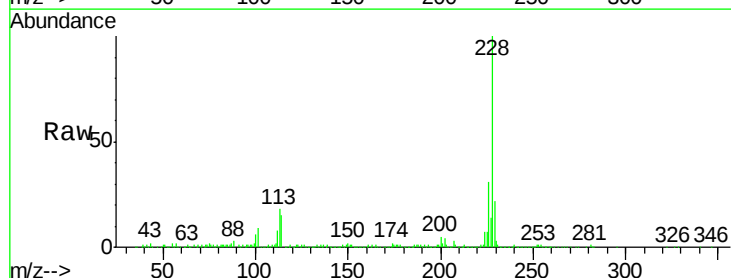
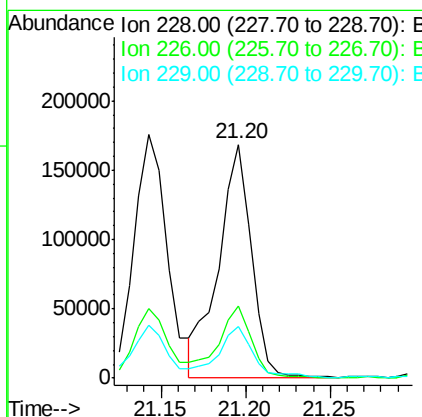
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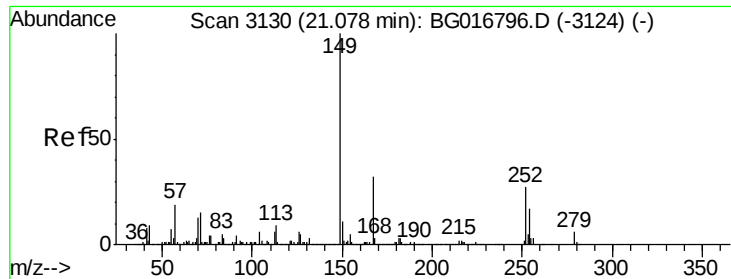
apatel
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#82
Chrysene
Concen: 17.11 ng
RT: 21.20 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG016819.D
Acq: 30 Apr 2015 4:57

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.6	25.1	37.7
229	22.4	16.1	24.1





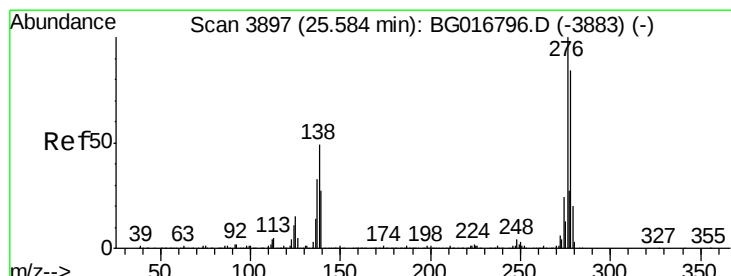
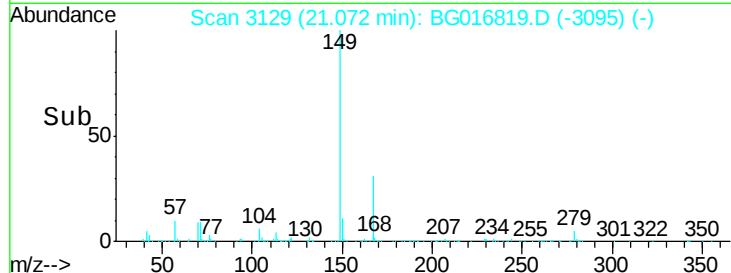
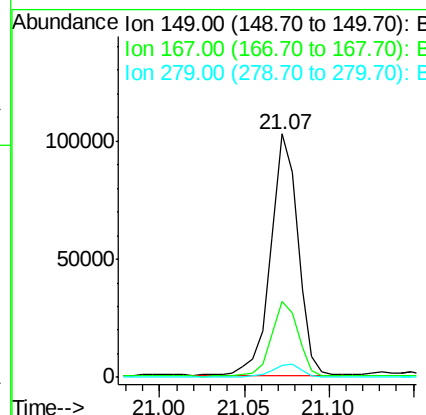
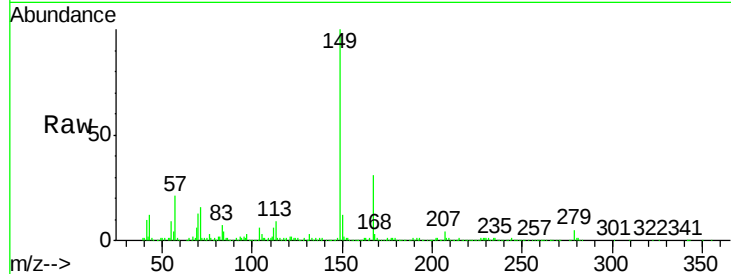
#83
Bis(2-ethylhexyl)phthalate
Concen: 10.23 ng
RT: 21.07 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG016819.D
Acq: 30 Apr 2015 4:57

Instrument :
BNA_G
ClientSampled :
SB4

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	30.9	25.9	38.9
279	5.1	5.0	7.4

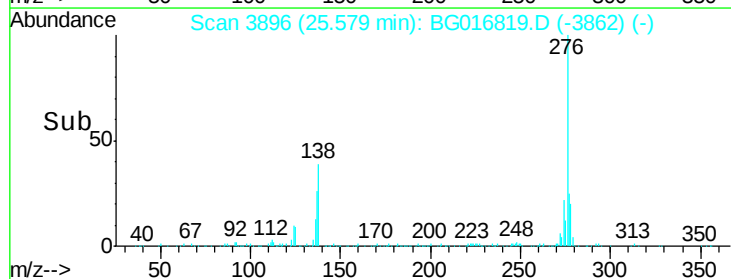
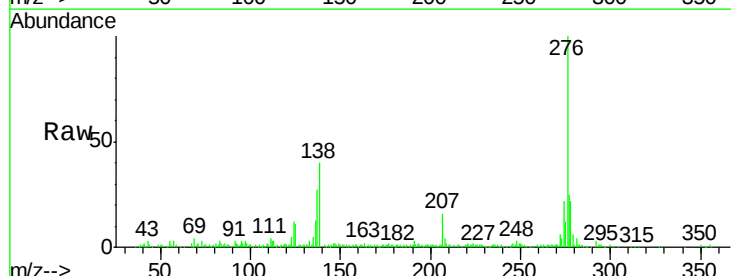
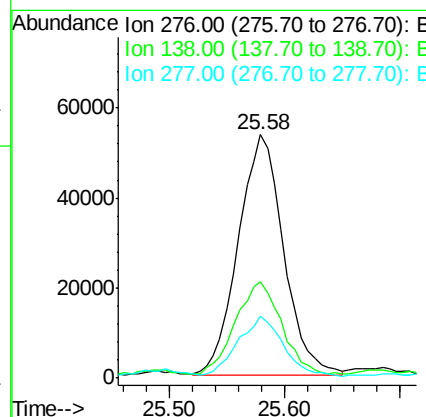
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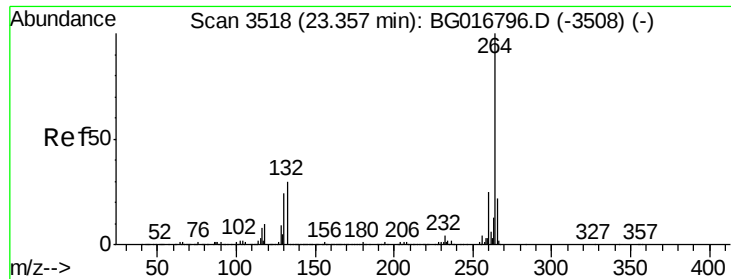
apatel
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#85
Indeno(1,2,3-cd)pyrene
Concen: 9.65 ng
RT: 25.58 min Scan# 3896
Delta R.T. -0.00 min
Lab File: BG016819.D
Acq: 30 Apr 2015 4:57

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	38.5	37.0	55.6
277	24.5	21.4	32.0





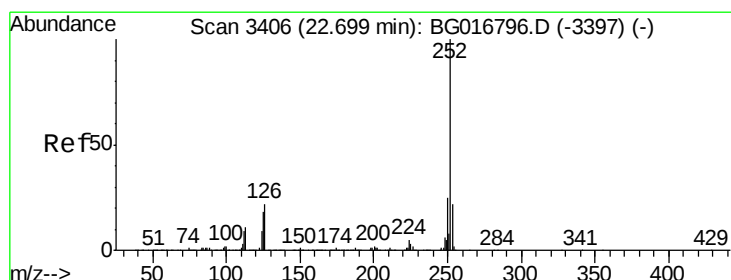
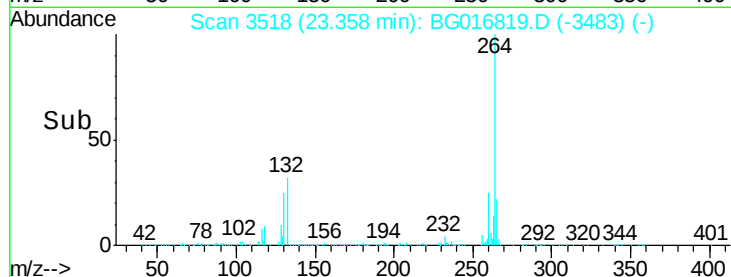
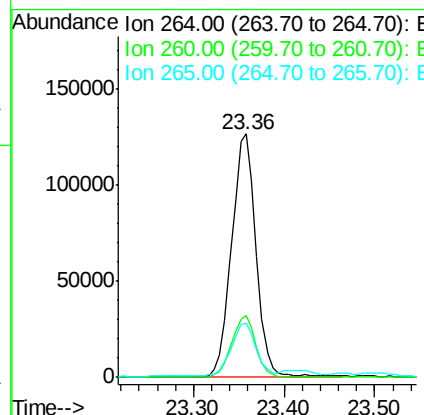
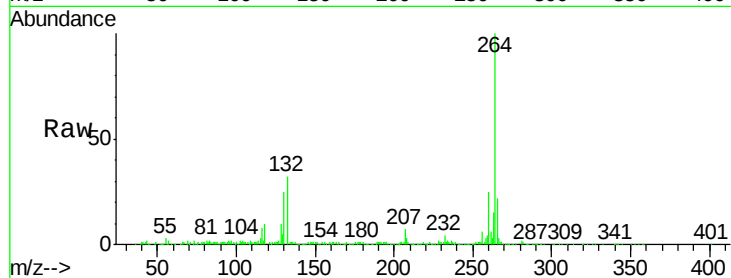
#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BG016819.D
Acq: 30 Apr 2015 4:57

Instrument :
BNA_G
ClientSampleId :
SB4

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.7	29.5
265	22.0	17.4	26.2

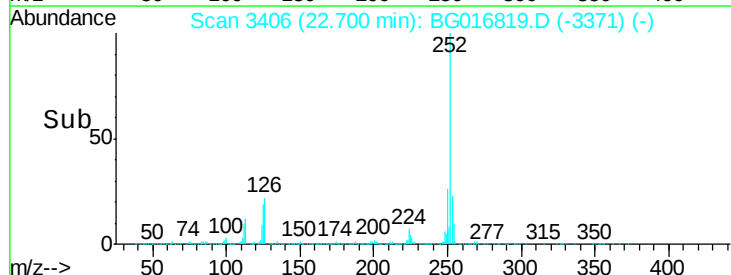
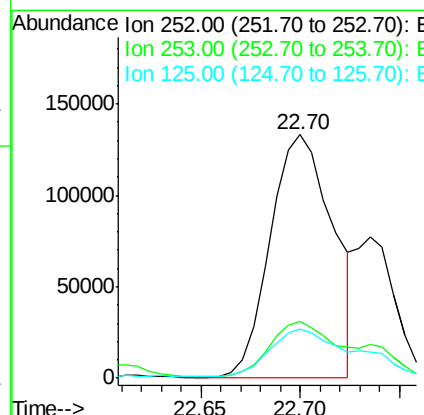
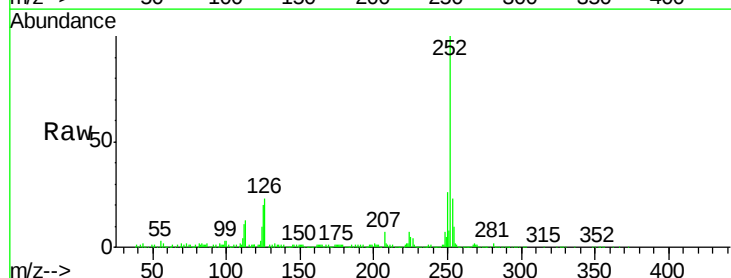
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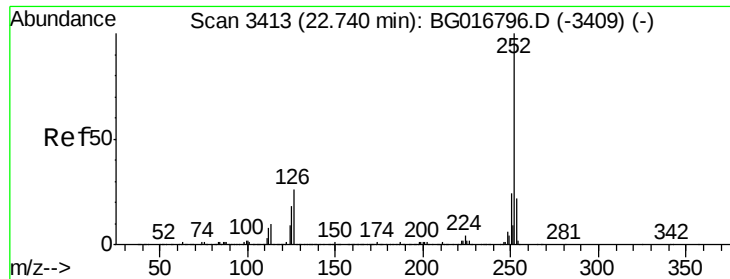
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#87
Benzo(b)fluoranthene
Concen: 21.61 ng m
RT: 22.70 min Scan# 3406
Delta R.T. 0.00 min
Lab File: BG016819.D
Acq: 30 Apr 2015 4:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	20.2	14.2	21.2





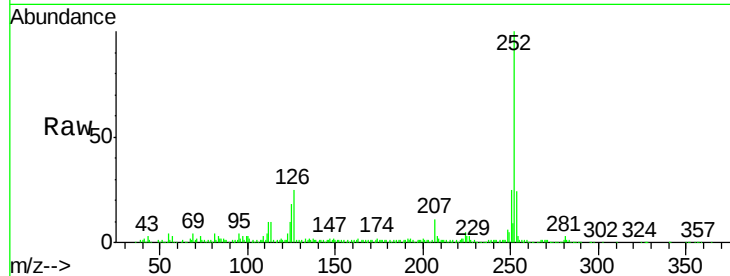
#88
Benzo(k)fluoranthene
Concen: 8.09 ng m
RT: 22.74 min Scan# 3412
Delta R.T. -0.00 min
Lab File: BG016819.D
Acq: 30 Apr 2015 4:57

Instrument :
BNA_G
ClientSampled :
SB4

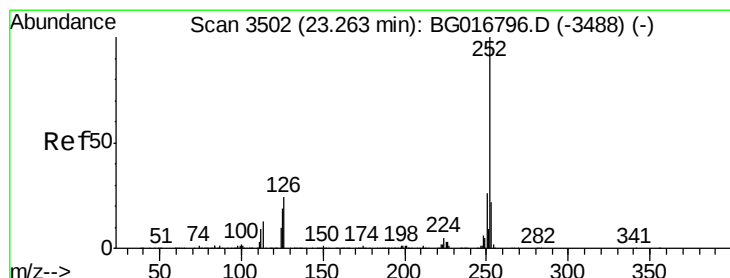
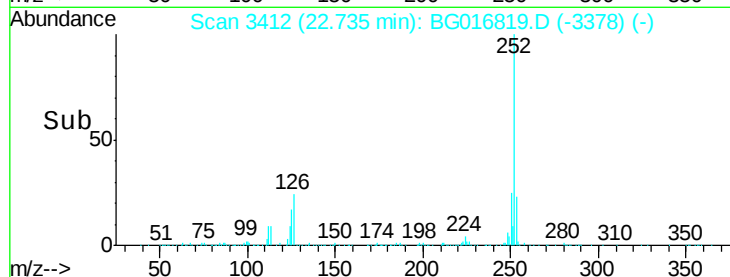
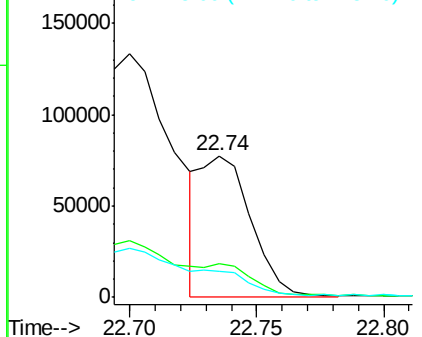
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	18.4	14.5	21.7

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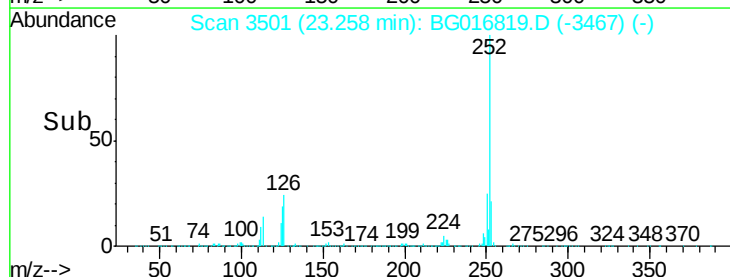
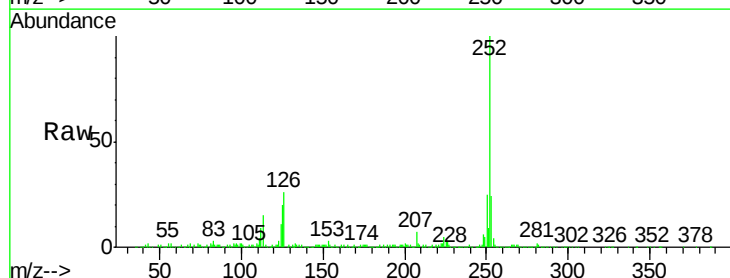
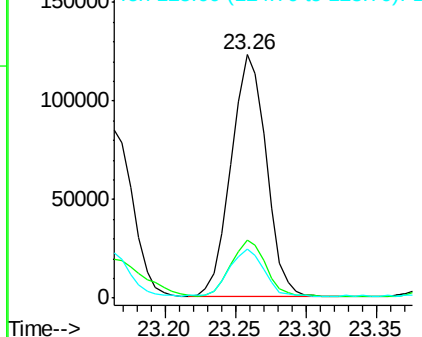
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

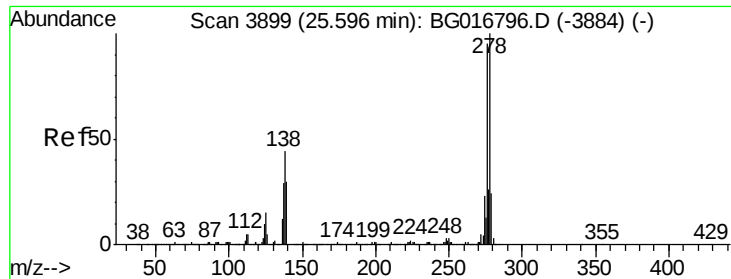


#89
Benzo(a)pyrene
Concen: 16.74 ng
RT: 23.26 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BG016819.D
Acq: 30 Apr 2015 4:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	20.2	15.0	22.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





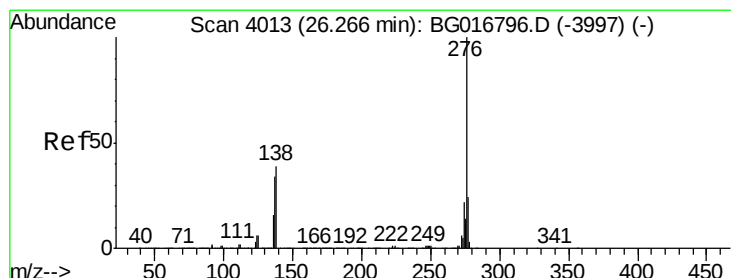
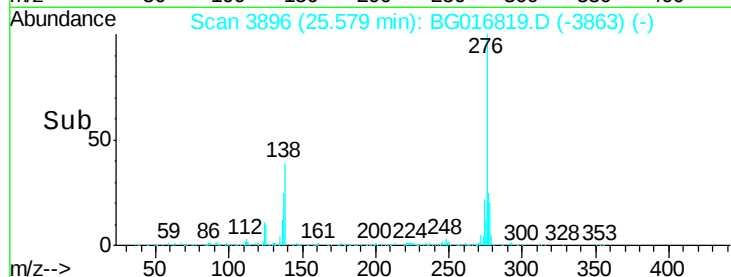
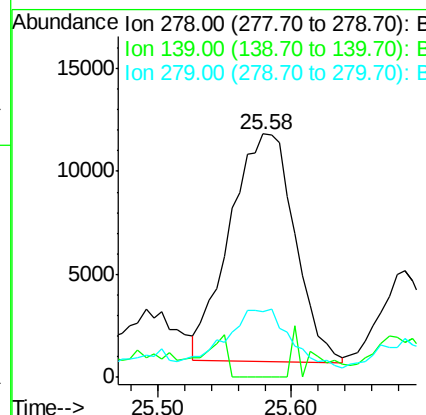
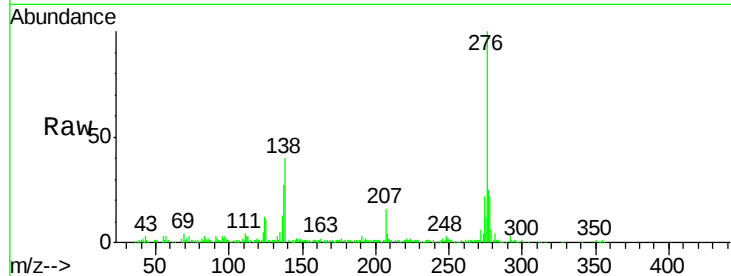
#90
Dibenzo(a,h)anthracene
Concen: 2.87 ng
RT: 25.58 min Scan# 3896
Delta R.T. -0.01 min
Lab File: BG016819.D
Acq: 30 Apr 2015 4:57

Instrument :
BNA_G
ClientSampleId :
SB4

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	23.9	35.9#
279	27.0	19.4	29.0

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#91
Benzo(g,h,i)perylene
Concen: 11.28 ng
RT: 26.27 min Scan# 4013
Delta R.T. 0.00 min
Lab File: BG016819.D
Acq: 30 Apr 2015 4:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.6	29.4
138	38.2	31.0	46.4

