

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
 Data File : BG016824.D
 Acq On : 30 Apr 2015 7:51
 Operator : TP/IZ
 Sample : G2041-01 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-01SOUTH

Manual Integrations
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 5/1/2015 8:58:34 AM

Quant Time: Apr 30 09:01:20 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	62396	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	265144	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	145200	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	268899	20.00	ng	0.00
75) Chrysene-d12	21.16	240	232528	20.00	ng	0.00
86) Perylene-d12	23.35	264	225804	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	62691	18.51	ng	0.00
7) Phenol-d6	6.77	99	80498	16.93	ng	0.00
23) Nitrobenzene-d5	8.73	82	40697	10.00	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	15864	14.67	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	106050	11.31	ng	0.00
78) Terphenyl-d14	19.60	244	105066	10.90	ng	0.00
Target Compounds						Qvalue
74) Fluoranthene	19.03	202	74008	4.73	ng	99
77) Pyrene	19.40	202	91454	6.02	ng	99
80) Benzo(a)anthracene	21.14	228	51717	3.85	ng	100
82) Chrysene	21.19	228	48366	3.81	ng	98
87) Benzo(b)fluoranthene	22.70	252	63623m	4.95	ng	
89) Benzo(a)pyrene	23.26	252	45056	3.70	ng	94
91) Benzo(g,h,i)perylene	26.26	276	26362	2.14	ng	99

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

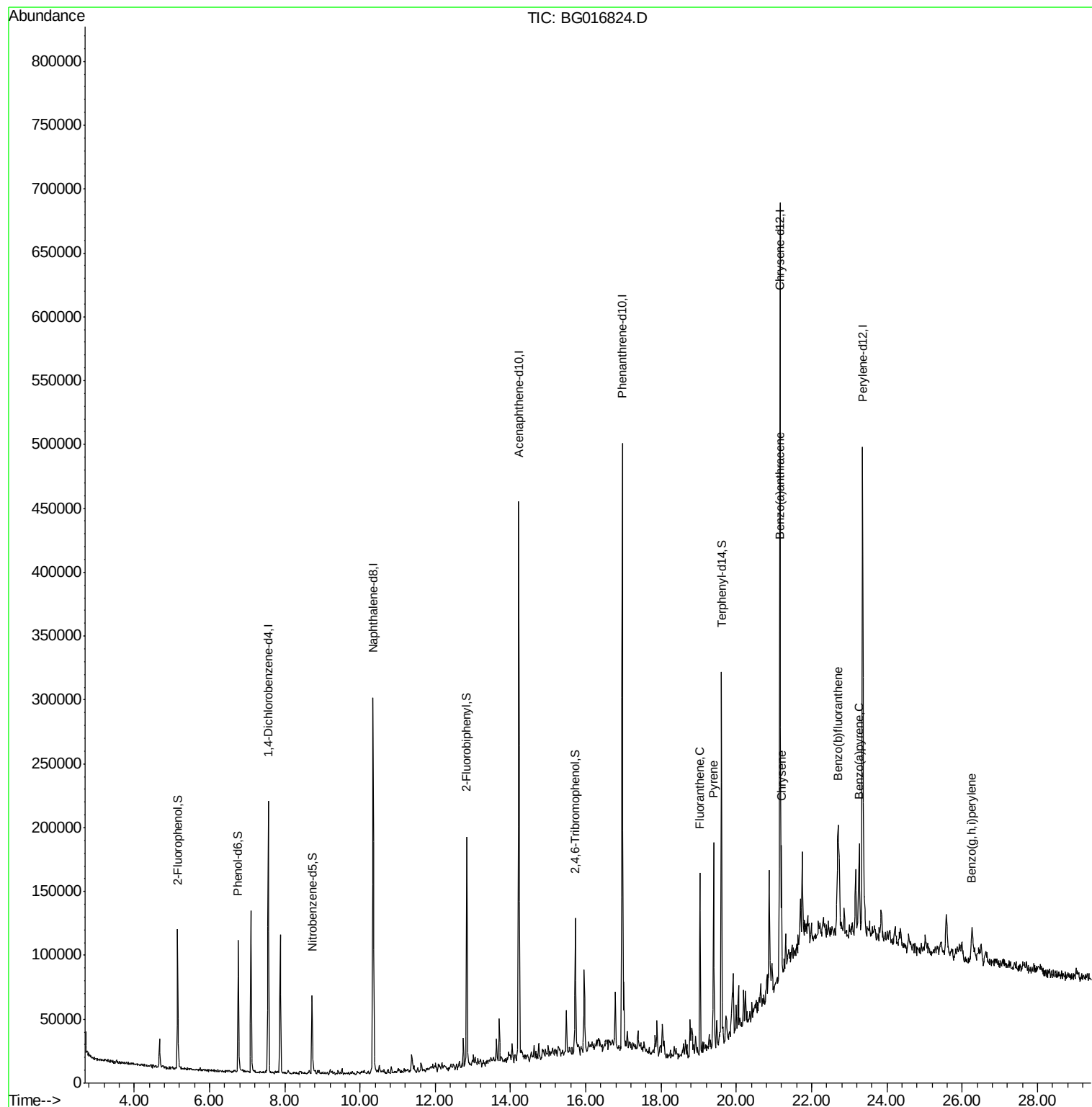
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
Data File : BG016824.D
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Sample : G2041-01 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

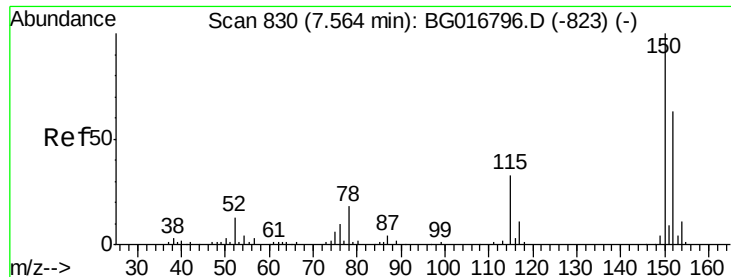
Instrument :
BNA_G
ClientSampleId :
SP-01SOUTH

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Quant Time: Apr 30 09:01:20 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

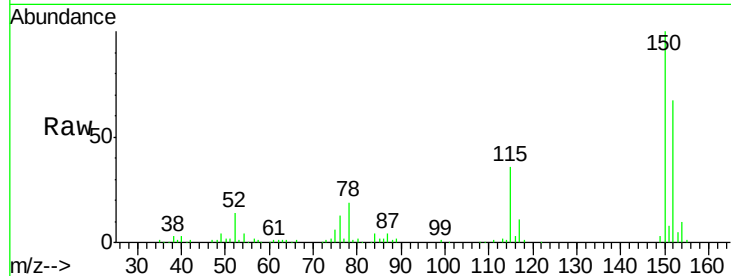
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG016824.D
Acq: 30 Apr 2015 7:51

Instrument :
BNA_G
ClientSampleId :
SP-01SOUTH

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	126.2	189.4
115	54.2	41.1	61.7

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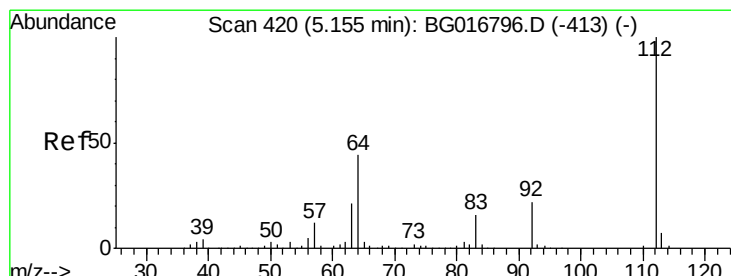
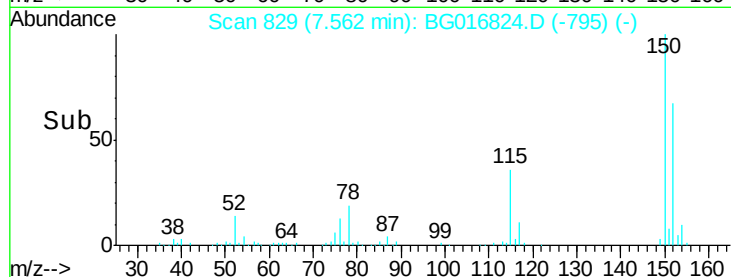
Abundance

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

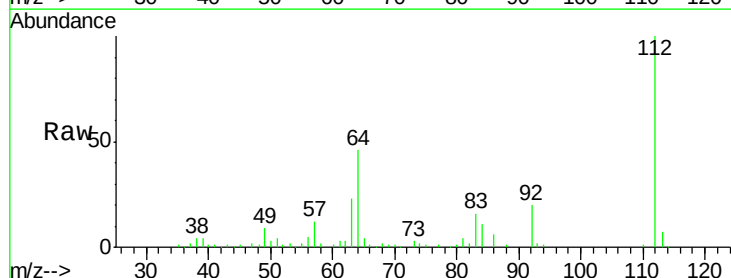
Time-->



#5

2-Fluorophenol
Concen: 18.51 ng
RT: 5.15 min Scan# 419
Delta R.T. 0.00 min
Lab File: BG016824.D
Acq: 30 Apr 2015 7:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.7	35.5	53.3
63	22.5	17.2	25.8



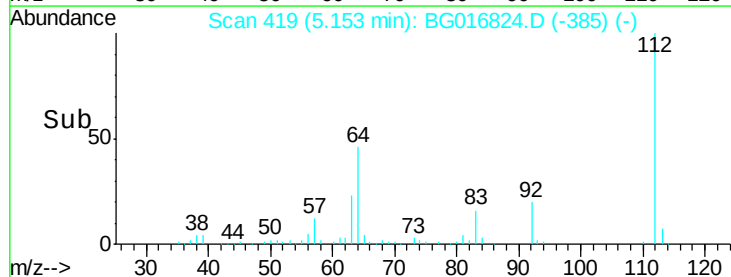
Abundance

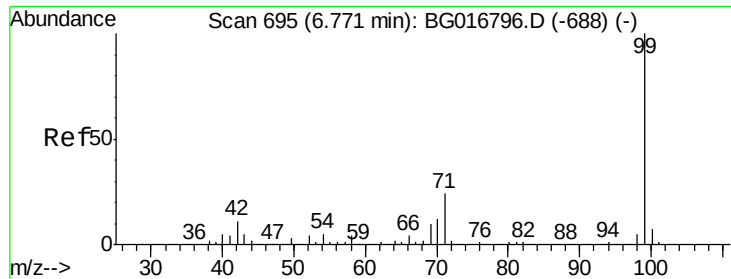
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Time-->





#7

Phenol-d6

Concen: 16.93 ng

RT: 6.77 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG016824.D

Acq: 30 Apr 2015 7:51

Instrument :

BNA_G

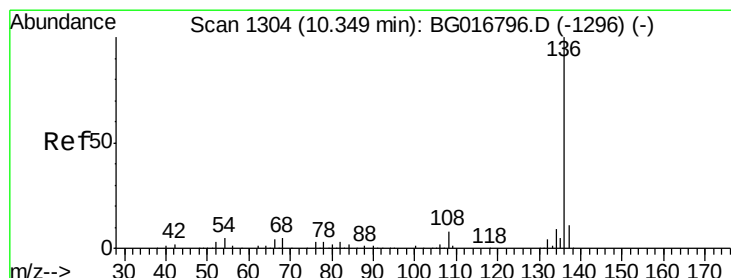
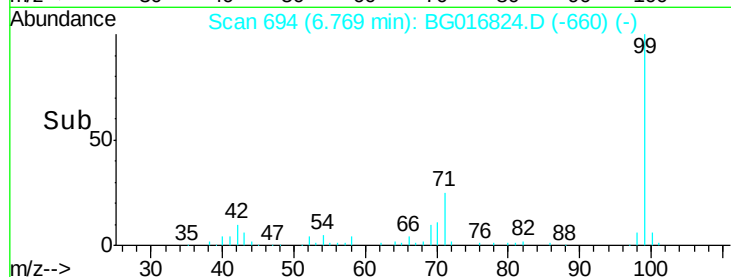
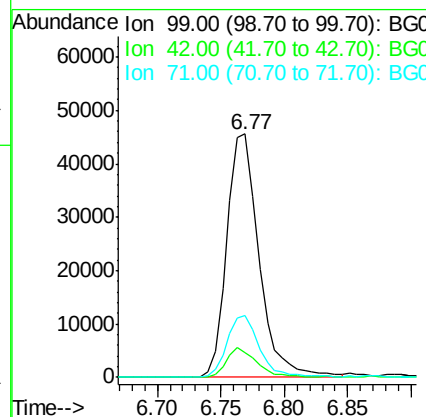
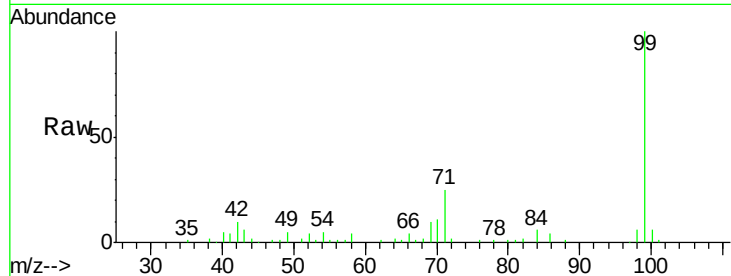
ClientSampleId :

SP-01SOUTH

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		80498		
42	10.3	8.9	13.3		
71	25.3	19.0	28.6		

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#21

Naphthalene-d8

Concen: 20.00 ng

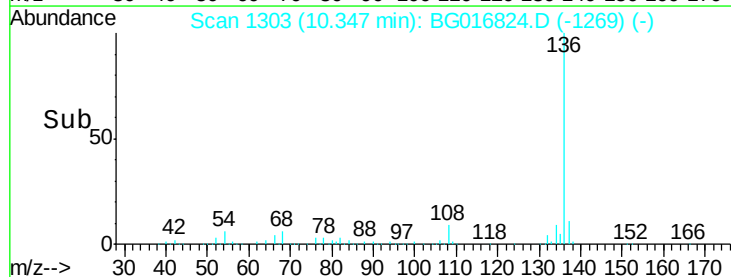
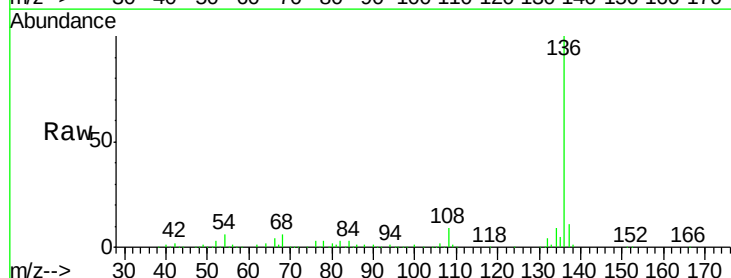
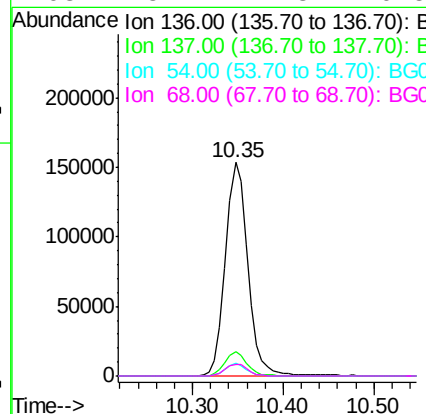
RT: 10.35 min Scan# 1303

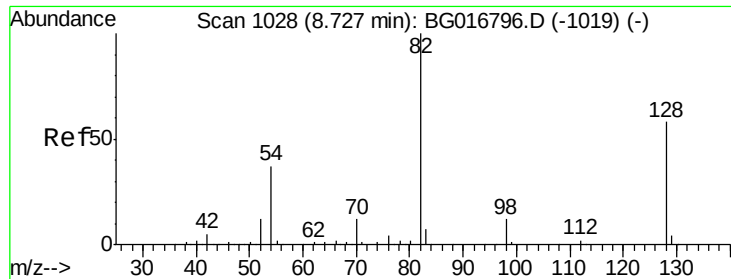
Delta R.T. 0.00 min

Lab File: BG016824.D

Acq: 30 Apr 2015 7:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		265144		
137	11.3	8.6	12.8		
54	5.8	4.3	6.5		
68	5.7	4.3	6.5		





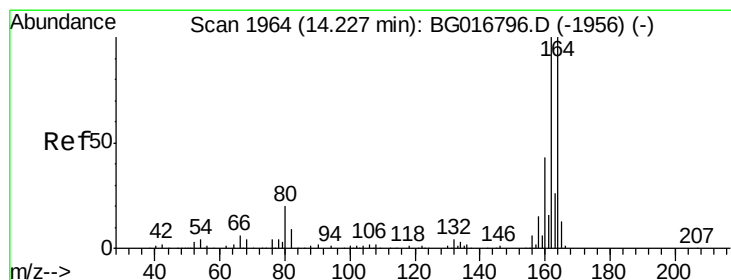
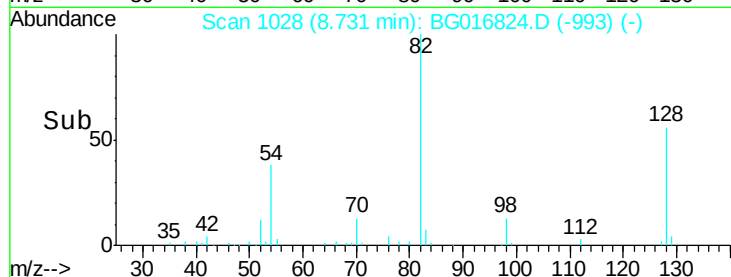
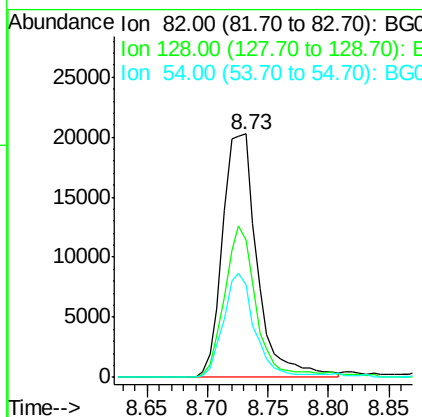
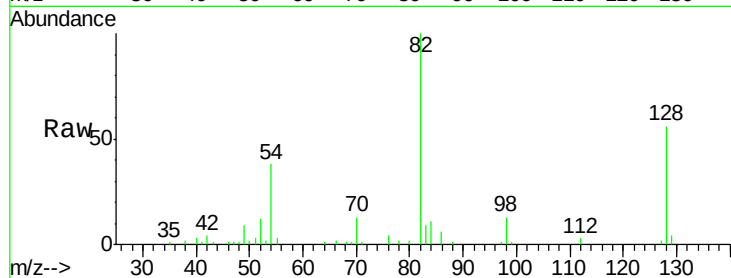
#23
Nitrobenzene-d5
Concen: 10.00 ng
RT: 8.73 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BG016824.D
Acq: 30 Apr 2015 7:51

Instrument :
BNA_G
ClientSampleId :
SP-01SOUTH

Tot Ion	82	Resp	40697
Ion Ratio	100	Lower	Upper
128	56.4	46.3	69.5
54	37.9	30.0	45.0

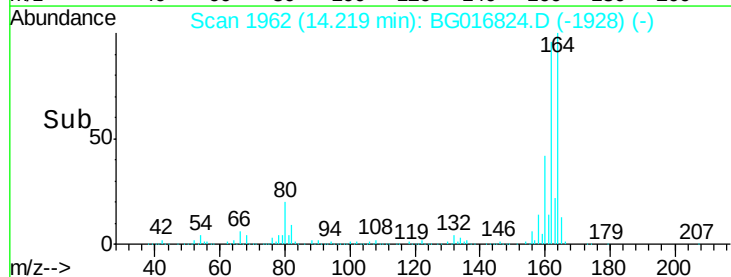
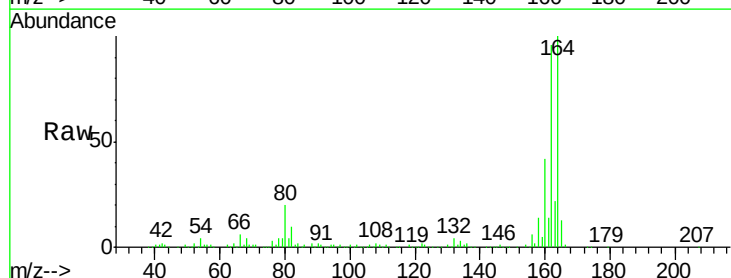
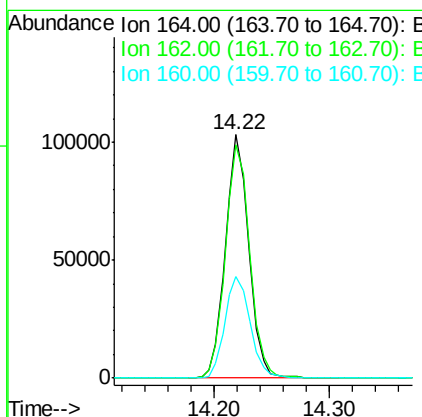
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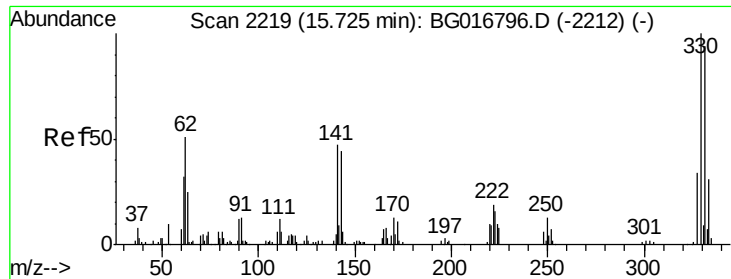
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.22 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG016824.D
Acq: 30 Apr 2015 7:51

Tgt Ion	164	Resp	145200
Ion Ratio	100	Lower	Upper
162	95.6	80.2	120.4
160	41.7	34.8	52.2





#41

2,4,6-Tribromophenol

Concen: 14.67 ng

RT: 15.72 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG016824.D

Acq: 30 Apr 2015 7:51

Instrument :

BNA_G

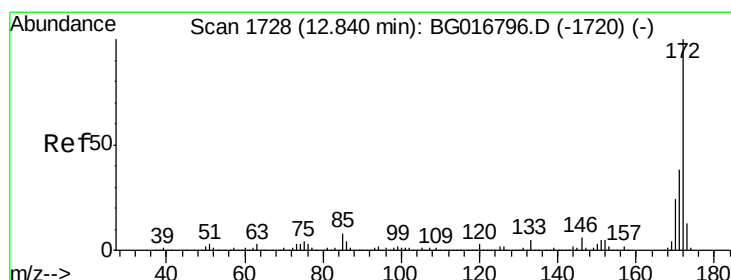
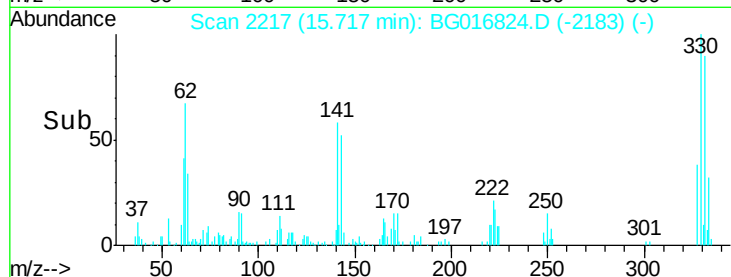
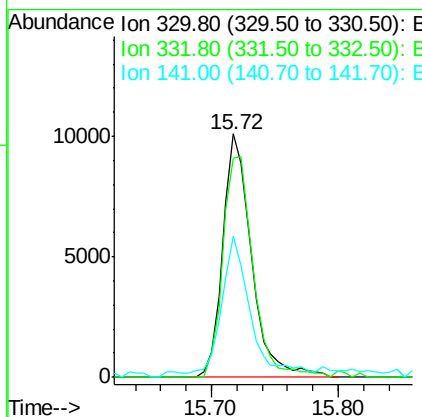
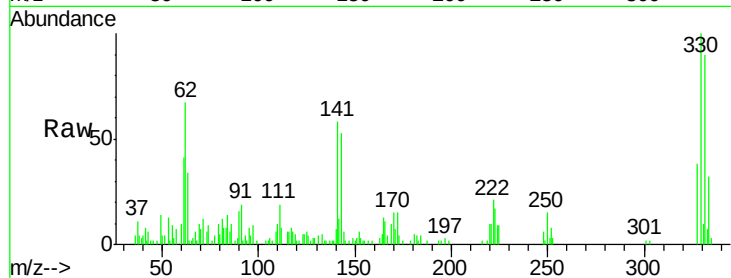
ClientSampleId :

SP-01SOUTH

Tot Ion:	330	Resp:	15864
Ion Ratio	Lower	Upper	
330	100		
332	95.7	75.3	112.9
141	53.4	40.7	61.1

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#44

2-Fluorobiphenyl

Concen: 11.31 ng

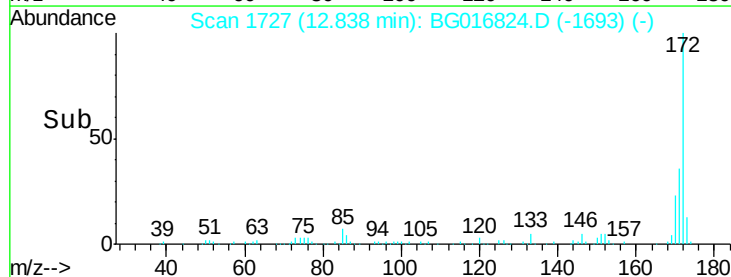
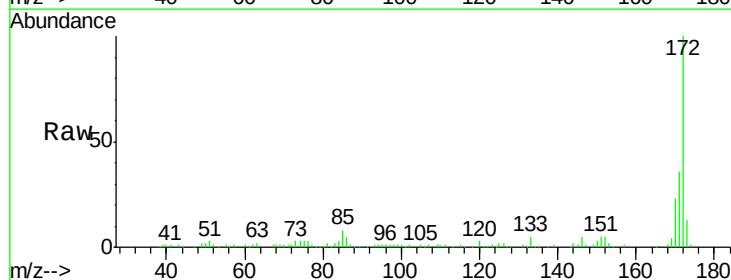
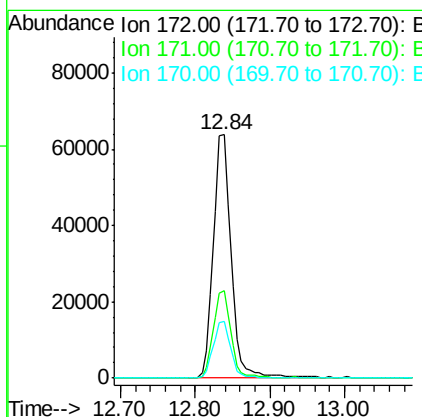
RT: 12.84 min Scan# 1727

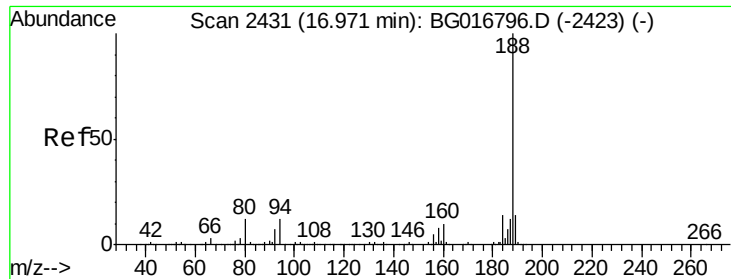
Delta R.T. 0.00 min

Lab File: BG016824.D

Acq: 30 Apr 2015 7:51

Tgt Ion:	172	Resp:	106050
Ion Ratio	Lower	Upper	
172	100		
171	35.9	30.2	45.4
170	23.3	19.4	29.0





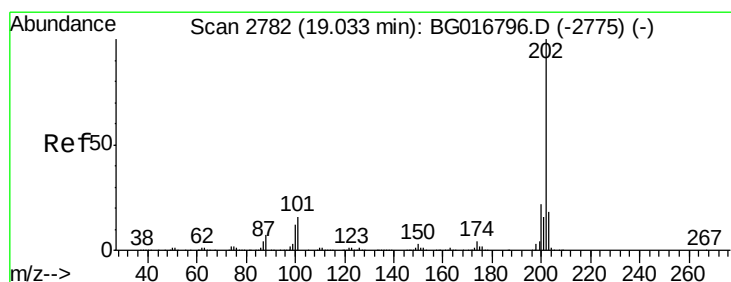
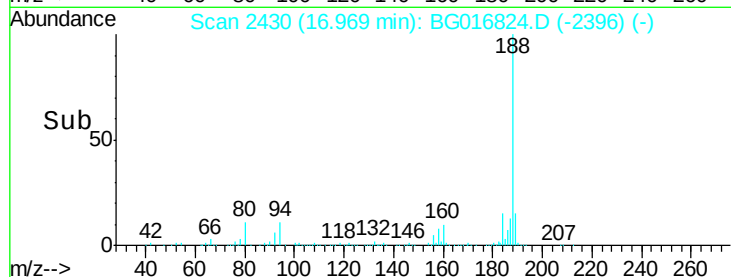
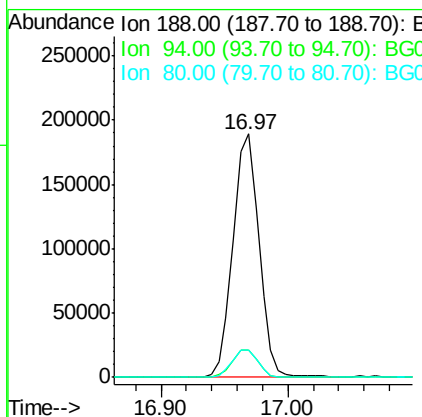
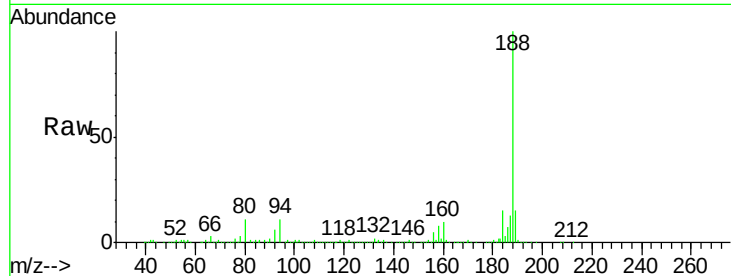
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG016824.D
Acq: 30 Apr 2015 7:51

Instrument :
BNA_G
ClientSampleId :
SP-01SOUTH

Tot Ion	Ratio	Resp	Lower	Upper
188	100	268899		
94	11.1		9.5	14.3
80	11.3		9.2	13.8

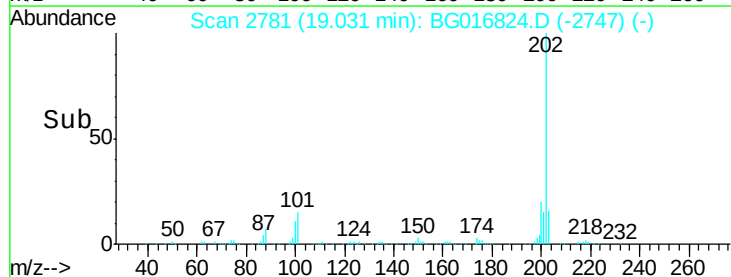
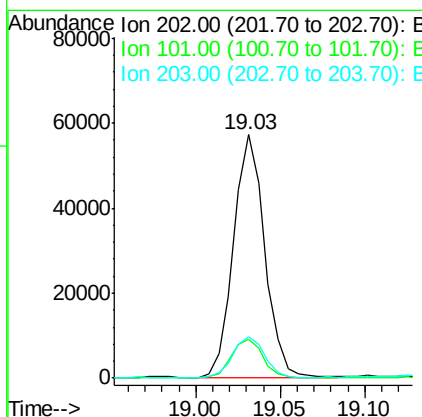
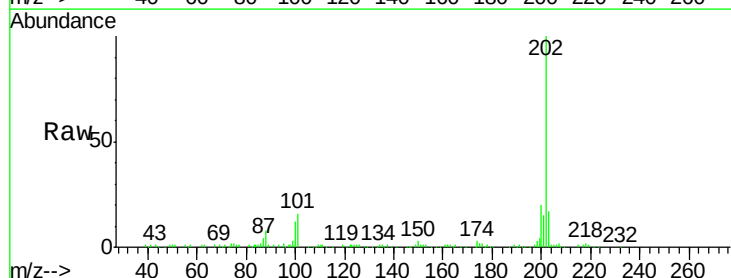
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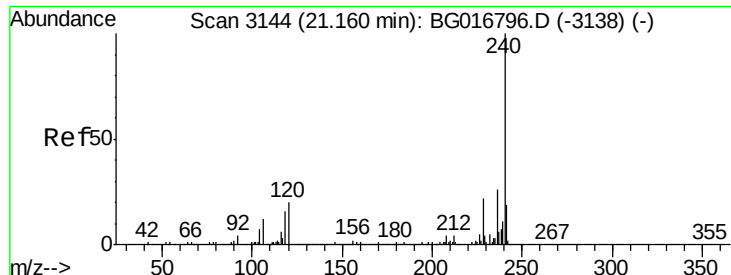
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#74
Fluoranthene
Concen: 4.73 ng
RT: 19.03 min Scan# 2781
Delta R.T. 0.00 min
Lab File: BG016824.D
Acq: 30 Apr 2015 7:51

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	74008		
101	16.0		0.0	36.2
203	17.1		0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG016824.D

Acq: 30 Apr 2015 7:51

Instrument :

BNA_G

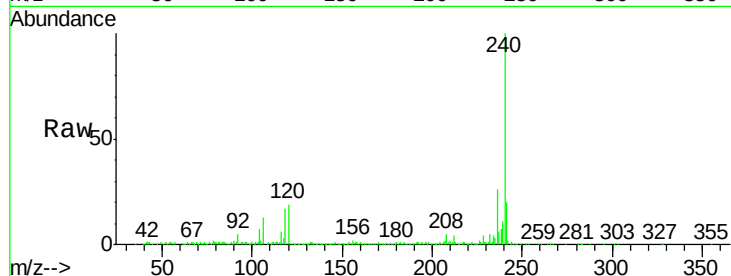
ClientSampleId :

SP-01SOUTH

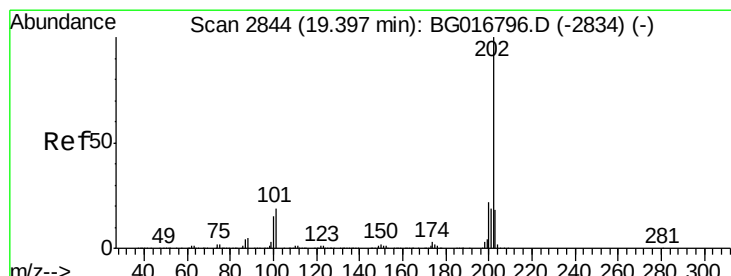
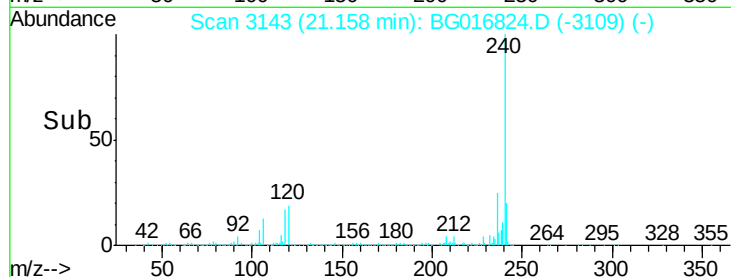
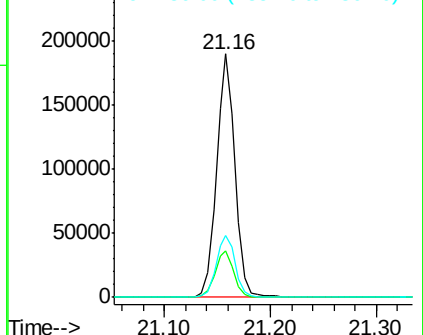
Tot Ion:	240	Resp:	232528
Ion Ratio	Lower	Upper	
240	100		
120	19.3	16.1	24.1
236	25.5	21.0	31.6

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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: 6.02 ng

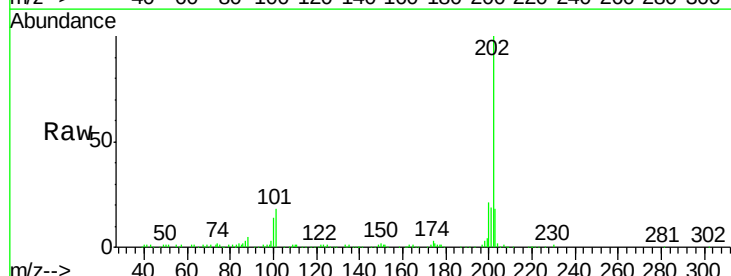
RT: 19.40 min Scan# 2843

Delta R.T. 0.00 min

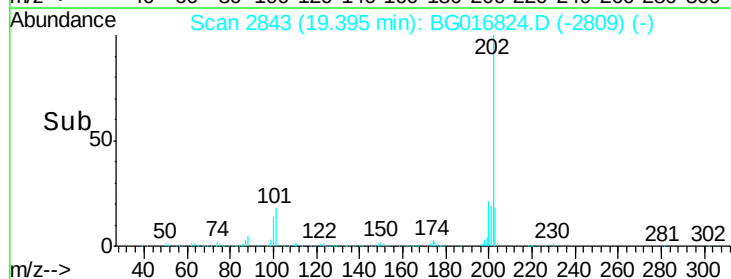
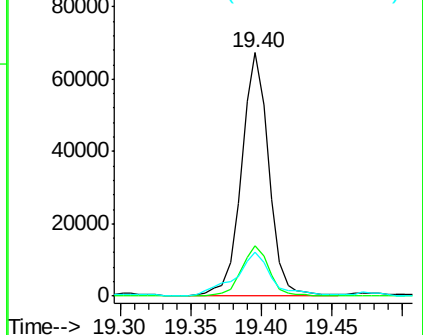
Lab File: BG016824.D

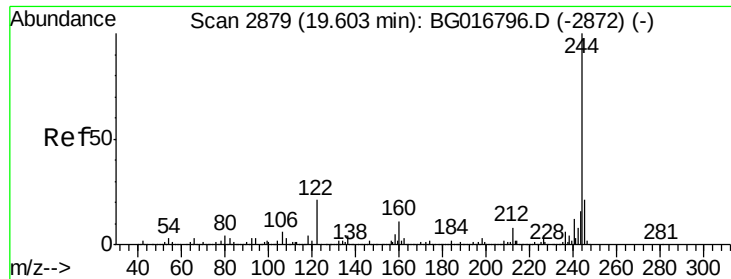
Acq: 30 Apr 2015 7:51

Tgt Ion:	202	Resp:	91454
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.3	25.9
203	18.3	14.6	22.0



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: 10.90 ng

RT: 19.60 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG016824.D

Acq: 30 Apr 2015 7:51

Instrument :

BNA_G

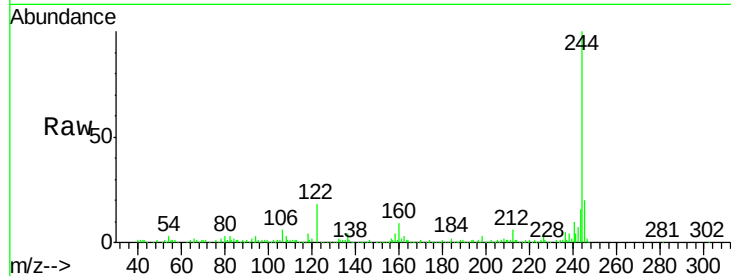
ClientSampleId :

SP-01SOUTH

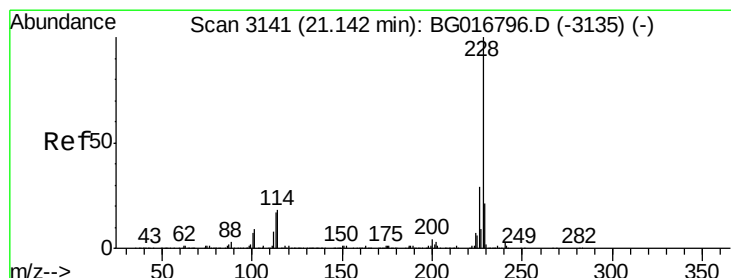
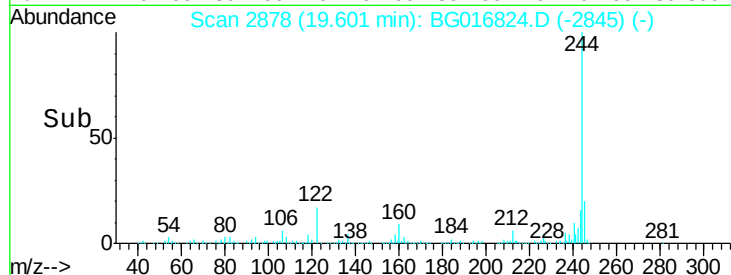
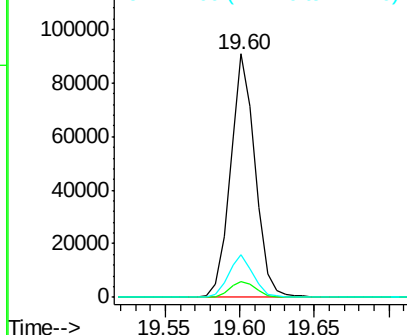
Tot Ion:	244	Resp:	105066
Ion Ratio		Lower	Upper
244	100		
212	6.4	6.4	9.6
122	17.6	16.4	24.6

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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



#80

Benzo(a)anthracene

Concen: 3.85 ng

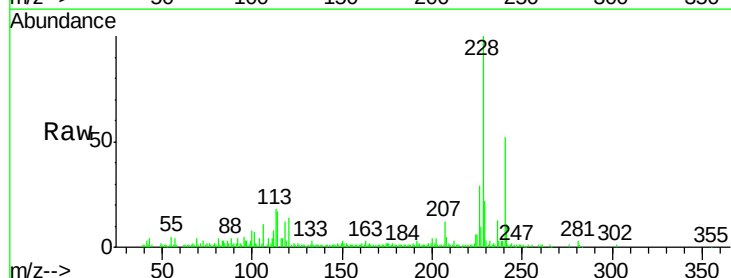
RT: 21.14 min Scan# 3140

Delta R.T. -0.00 min

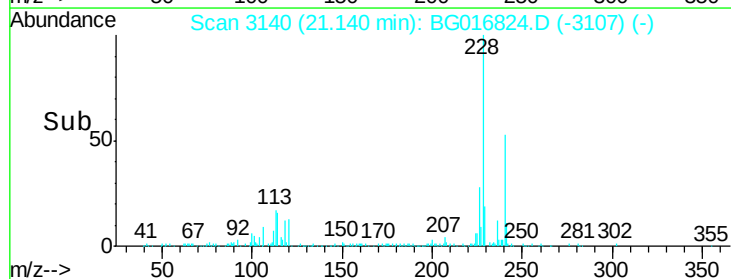
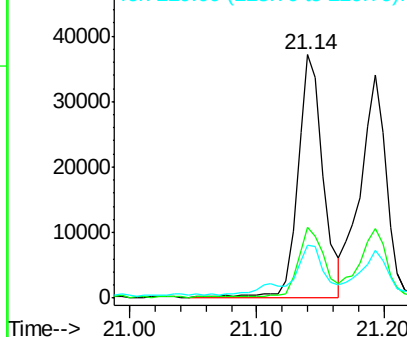
Lab File: BG016824.D

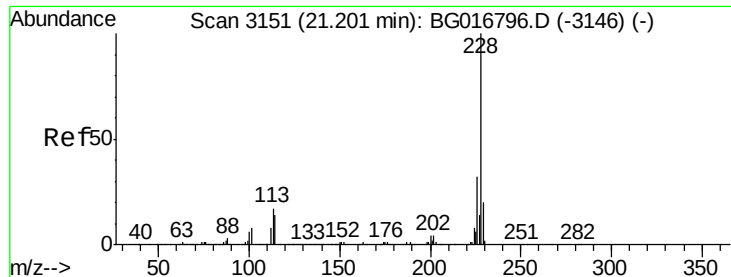
Acq: 30 Apr 2015 7:51

Tgt Ion:	228	Resp:	51717
Ion Ratio		Lower	Upper
228	100		
226	29.3	23.4	35.0
229	21.7	17.0	25.6



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





#82

Chrysene

Concen: 3.81 ng

RT: 21.19 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG016824.D

Acq: 30 Apr 2015 7:51

Instrument :

BNA_G

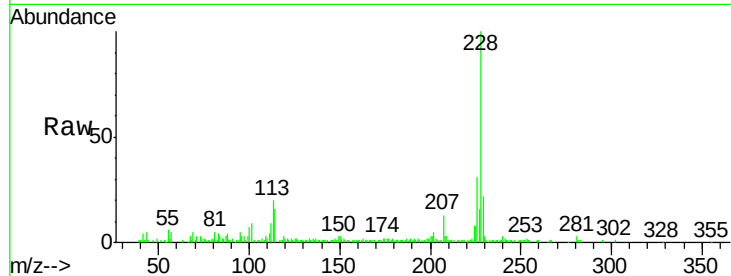
ClientSampleId :

SP-01SOUTH

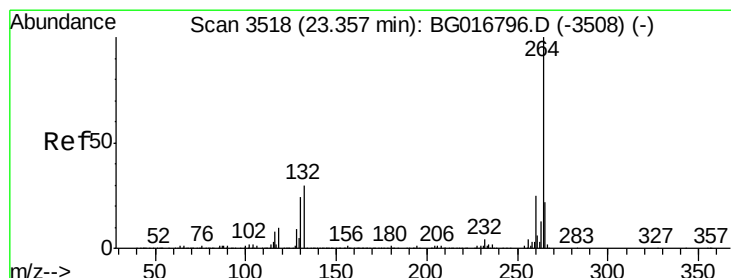
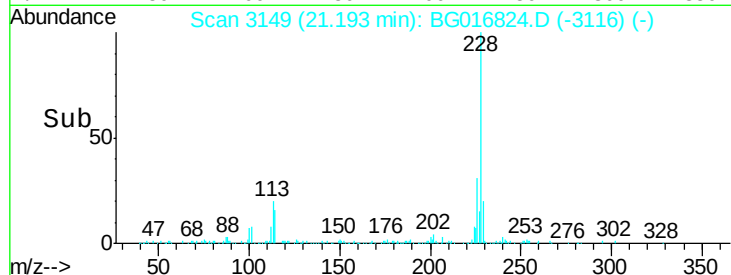
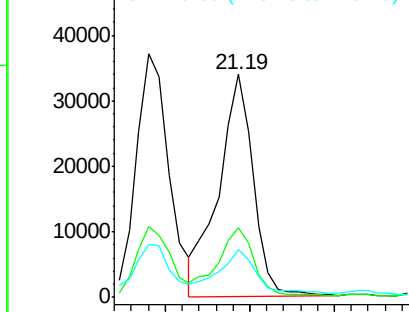
Tot Ion:	228	Resp:	48366
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.1	37.7
229	21.7	16.1	24.1

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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



#86

Perylene-d12

Concen: 20.00 ng

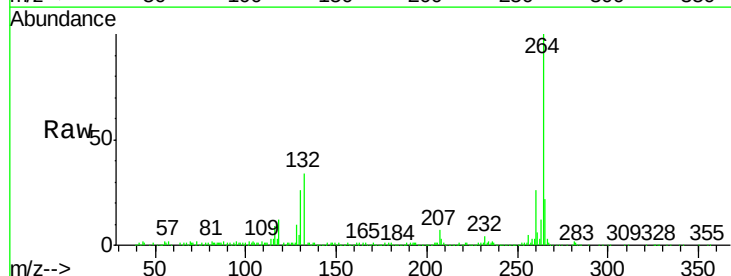
RT: 23.35 min Scan# 3516

Delta R.T. -0.00 min

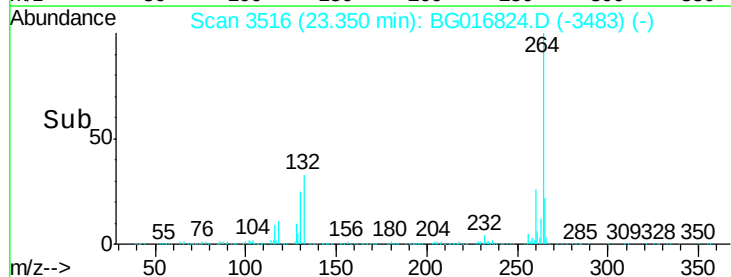
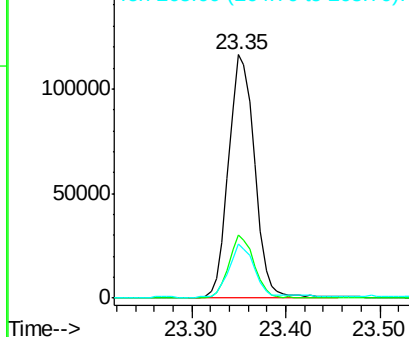
Lab File: BG016824.D

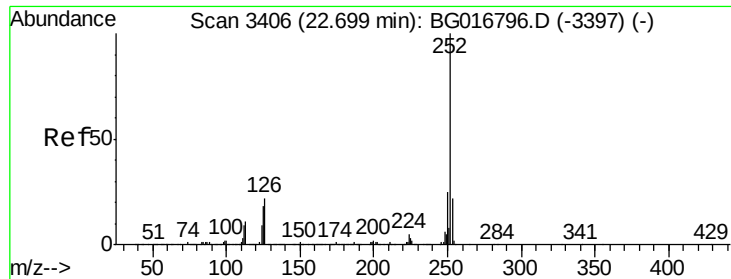
Acq: 30 Apr 2015 7:51

Tgt Ion:	264	Resp:	225804
Ion Ratio	Lower	Upper	
264	100		
260	25.7	19.7	29.5
265	22.2	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: 4.95 ng/mL

RT: 22.70 min Scan# 3405

Delta R.T. 0.00 min

Lab File: BG016824.D

Acq: 30 Apr 2015 7:51

Instrument :

BNA_G

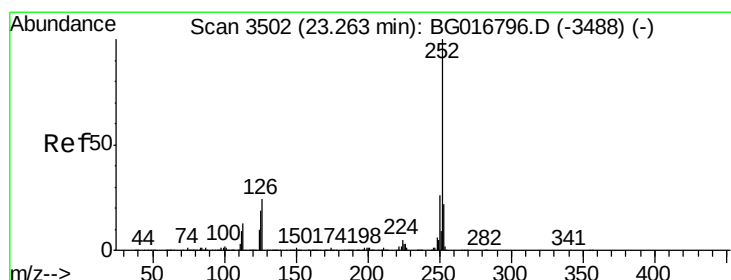
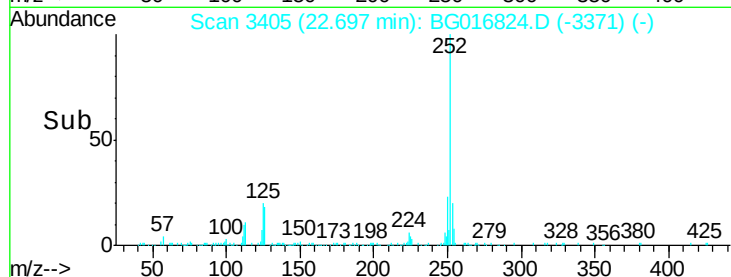
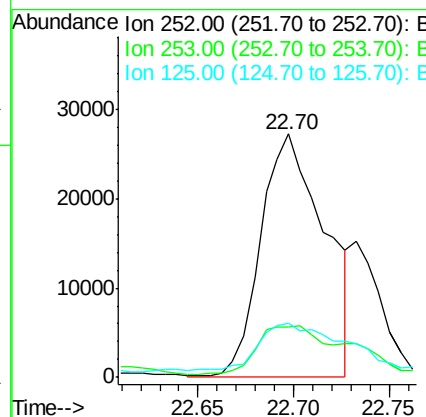
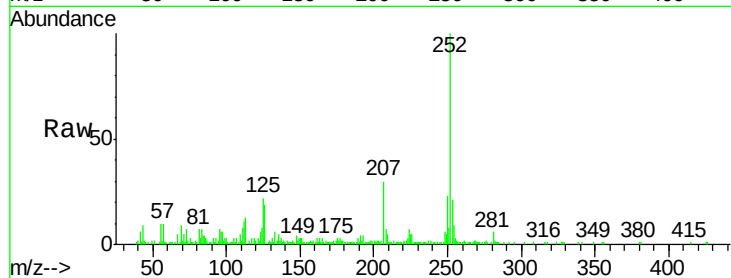
ClientSampleId :

SP-01SOUTH

Tot Ion:	252	Resp:	63623
Ion Ratio	Lower	Upper	
252	100		
253	20.9	18.0	27.0
125	22.3	14.2	21.2

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#89

Benzo(a)pyrene

Concen: 3.70 ng/mL

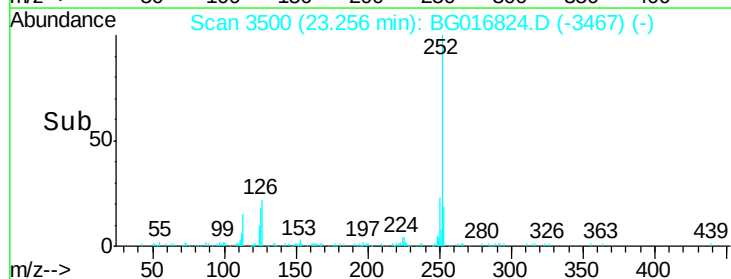
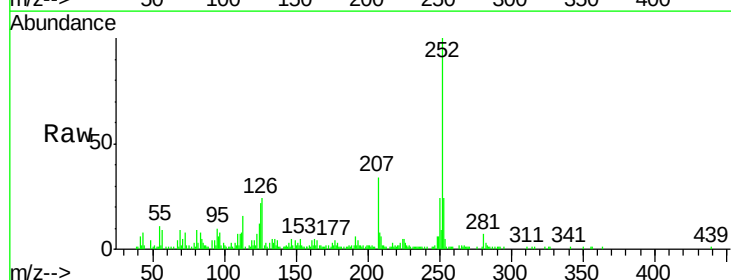
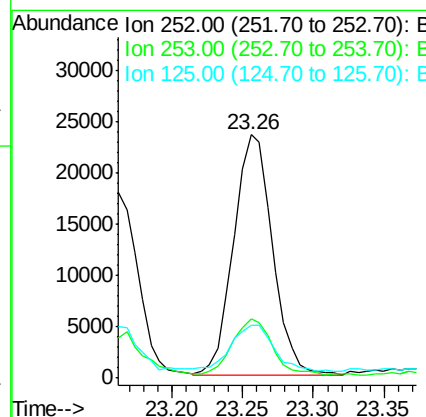
RT: 23.26 min Scan# 3500

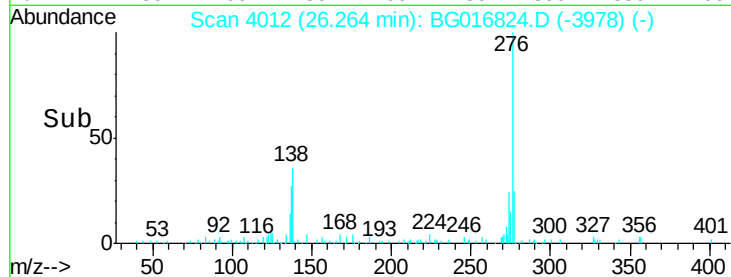
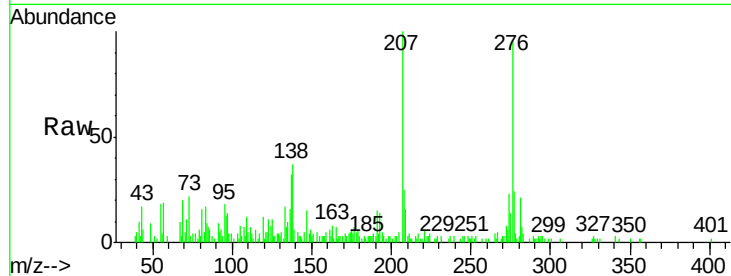
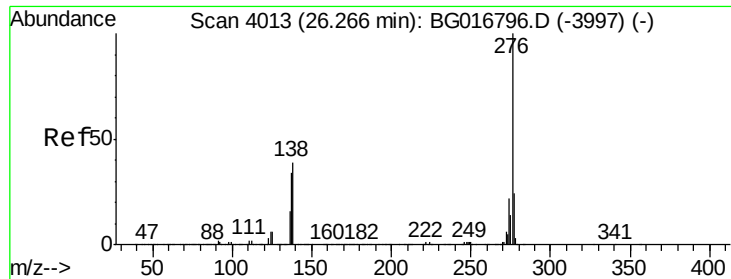
Delta R.T. -0.00 min

Lab File: BG016824.D

Acq: 30 Apr 2015 7:51

Tgt Ion:	252	Resp:	45056
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.9	26.9
125	22.0	15.0	22.4





#91
 Benzo(a,h,i)perylene
 Concen: 2.14 ng
 RT: 26.26 min Scan# 4012
 Delta R.T. 0.00 min
 Lab File: BG016824.D
 Acq: 30 Apr 2015 7:51

Tot Ion:	276	Resp:	26362
Ion Ratio	Lower	Upper	
276	100		
277	24.6	19.6	29.4
138	38.2	31.0	46.4

Instrument :
 BNA_G
 ClientSampleId :
 SP-01SOUTH

Manual Integrations
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