

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
 Data File : BG023871.D
 Acq On : 24 Aug 2016 2:23
 Operator : UM/SJ
 Sample : H4556-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-17A(19.6-19.8)

Manual Integrations
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Quant Time: Aug 24 05:07:40 2016
 Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	104346	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	435595	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	280919	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	617277	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	641137	20.00	ng	-0.03
86) Perylene-d12	25.21	264	666647	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	805945	130.01	ng	-0.03
7) Phenol-d6	7.25	99	1176534	121.85	ng	-0.03
23) Nitrobenzene-d5	9.27	82	837015	95.53	ng	-0.03
41) 2,4,6-Tribromophenol	16.26	330	419624	102.12	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1453223	87.25	ng	-0.02
78) Terphenyl-d14	20.13	244	1847671	91.69	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.27	94	22444	2.17	ng	83
31) Naphthalene	10.98	128	166402	7.50	ng	95
37) 2-Methylnaphthalene	12.58	142	566197m	33.57	ng	
45) 1,1'-Biphenyl	13.59	154	64932	3.02	ng	98
49) Dimethylphthalate	14.21	163	445148	20.65	ng	99
51) Acenaphthene	14.83	154	40110	2.41	ng	# 93
57) Fluorene	15.82	166	95979	4.55	ng	99
70) Phenanthrene	17.57	178	355270	11.34	ng	# 93

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

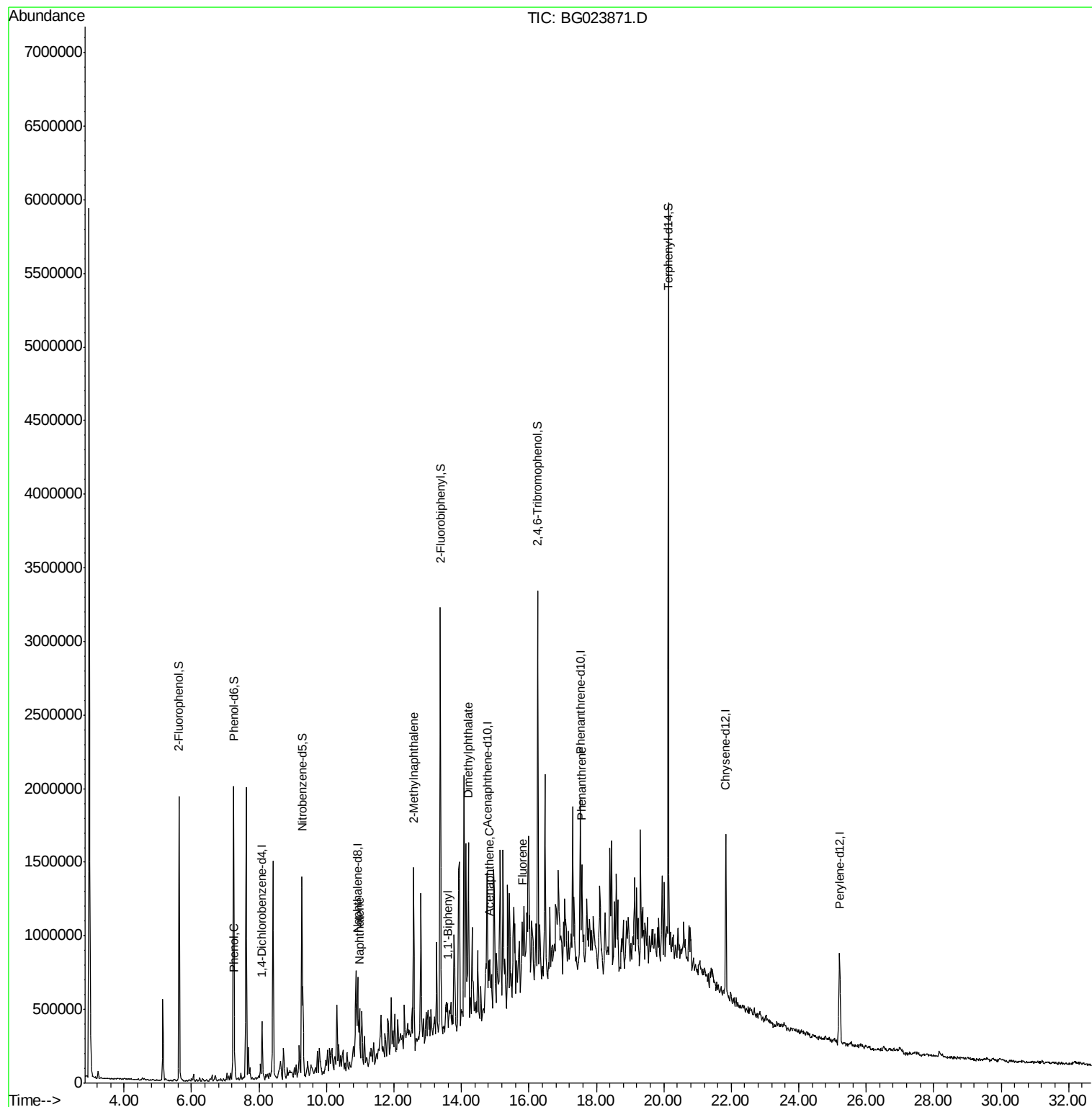
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023871.D
Acq On : 24 Aug 2016 2:23
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Sample : H4556-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

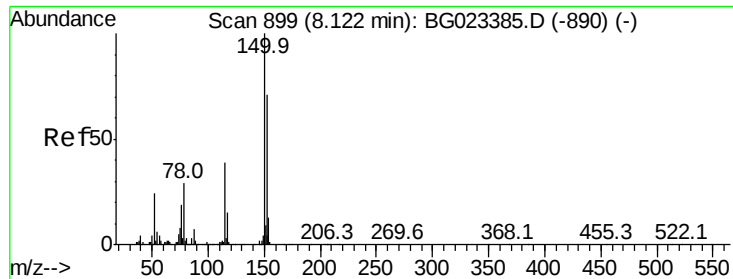
Instrument :
BNA_G
ClientSampleId :
SB-17A(19.6-19.8)

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Quant Time: Aug 24 05:07:40 2016
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.03 min

Lab File: BG023871.D

Acq: 24 Aug 2016 2:23

Instrument :

BNA_G

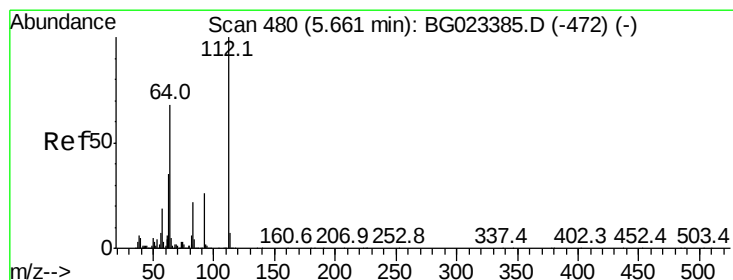
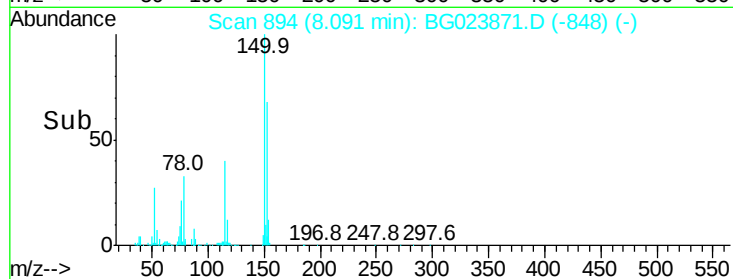
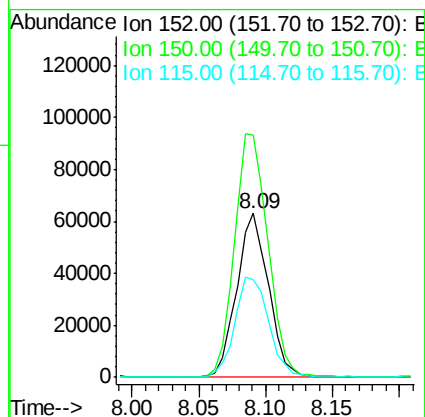
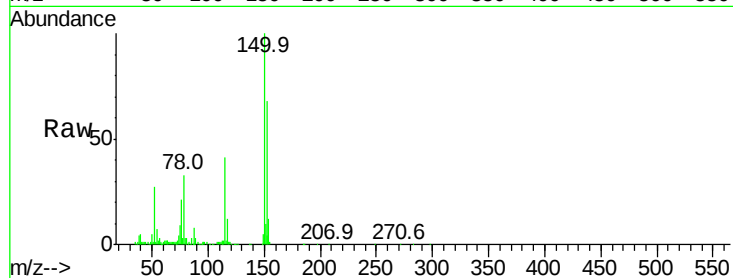
ClientSampleId :

SB-17A(19.6-19.8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.0	144.7	217.1
115	60.1	64.0	96.0

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#5

2-Fluorophenol

Concen: 130.01 ng

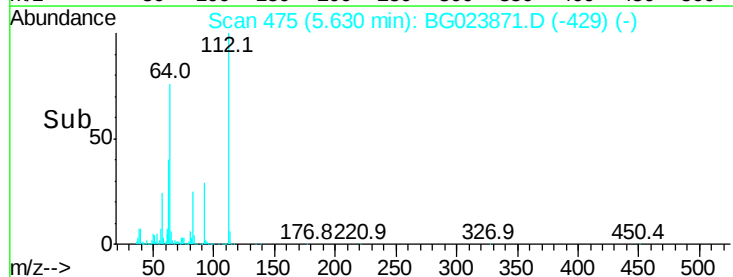
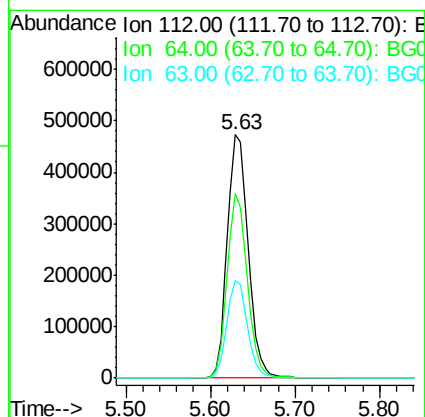
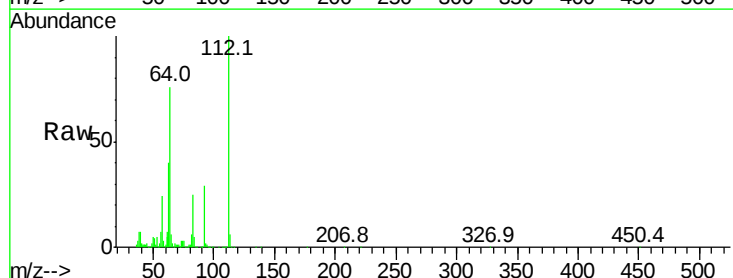
RT: 5.63 min Scan# 475

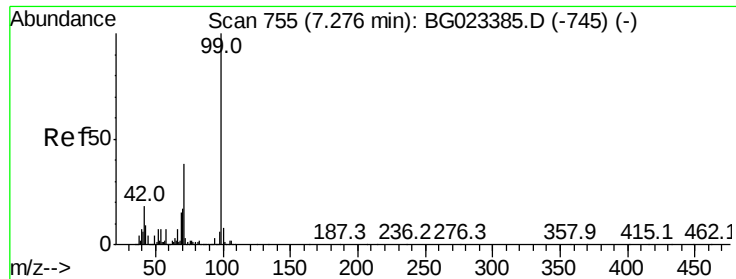
Delta R.T. -0.03 min

Lab File: BG023871.D

Acq: 24 Aug 2016 2:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.1	59.0	88.4
63	40.0	37.8	56.8





#7

Phenol-d6

Concen: 121.85 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023871.D

Acq: 24 Aug 2016 2:23

Instrument :

BNA_G

ClientSampleId :

SB-17A(19.6-19.8)

Tot Ion: 99 Resp: 1176534

Ion Ratio Lower Upper

99 100

42 18.3 17.8 26.6

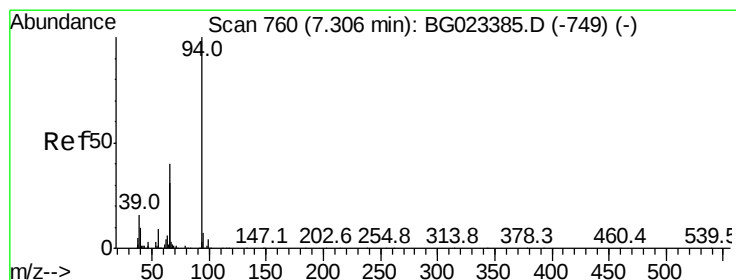
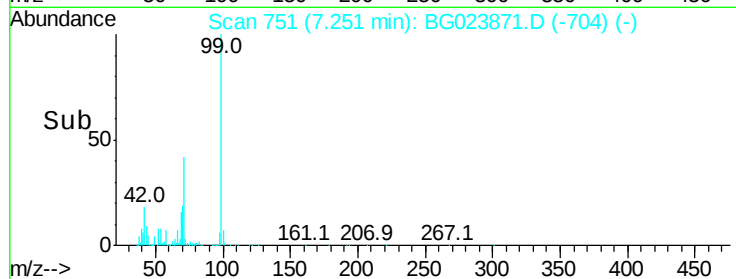
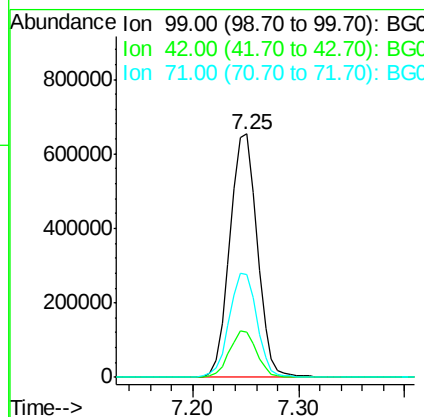
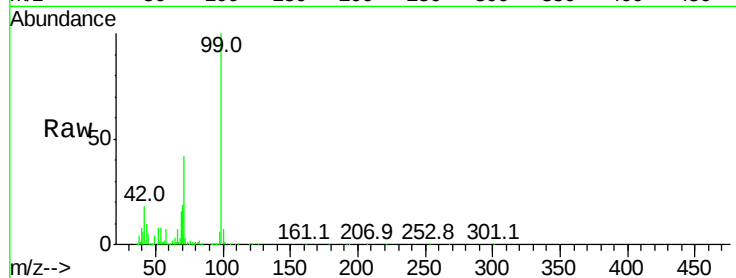
71 42.2 41.5 62.3

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#10

Phenol

Concen: 2.17 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.03 min

Lab File: BG023871.D

Acq: 24 Aug 2016 2:23

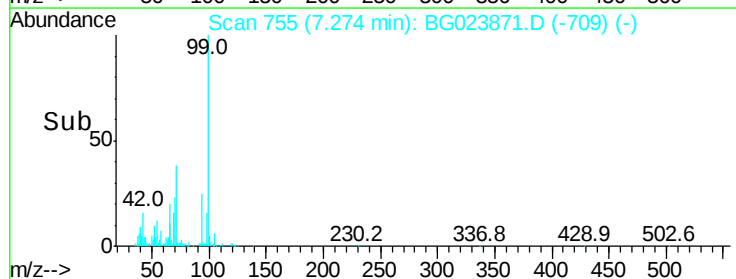
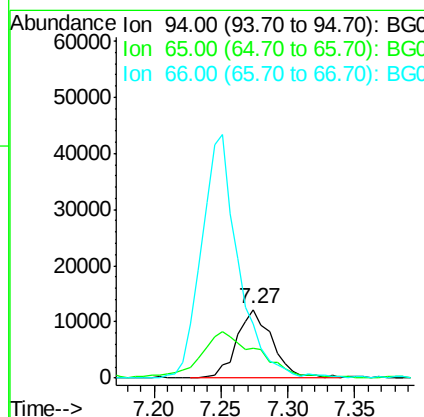
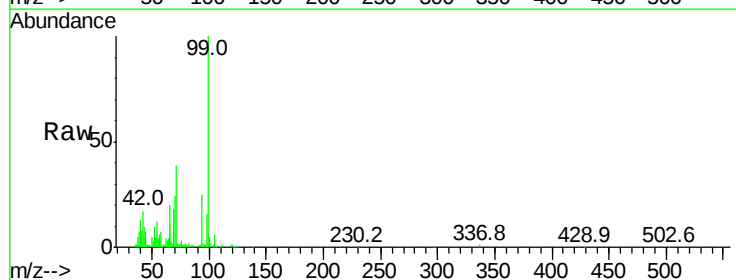
Tgt Ion: 94 Resp: 22444

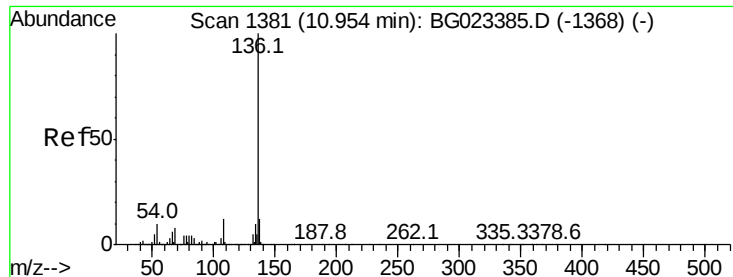
Ion Ratio Lower Upper

94 100

65 42.7 18.1 58.1

66 79.6 42.1 82.1





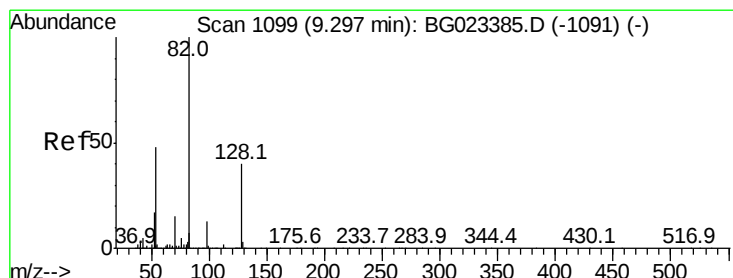
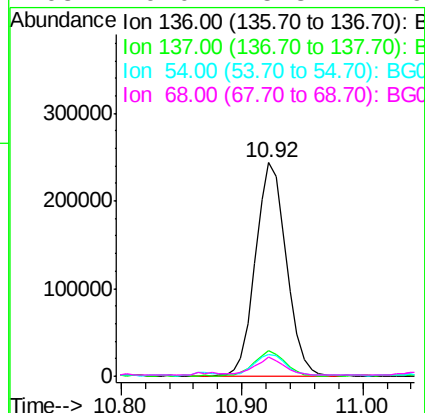
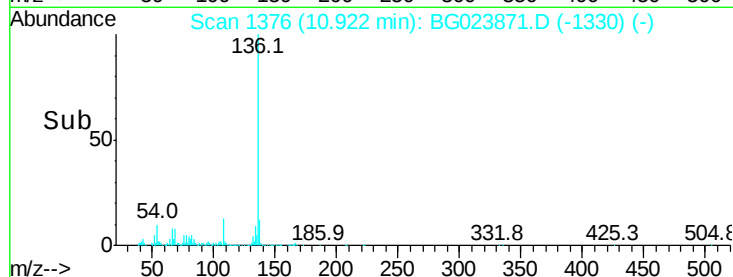
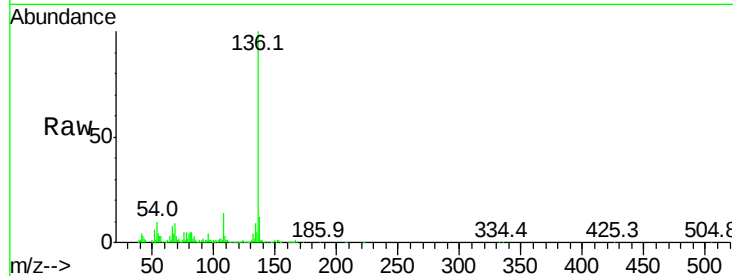
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.03 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Instrument :
BNA_G
ClientSampleId :
SB-17A(19.6-19.8)

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	12.0	9.6	14.4
54	10.4	7.3	10.9
68	9.0	5.3	7.9#

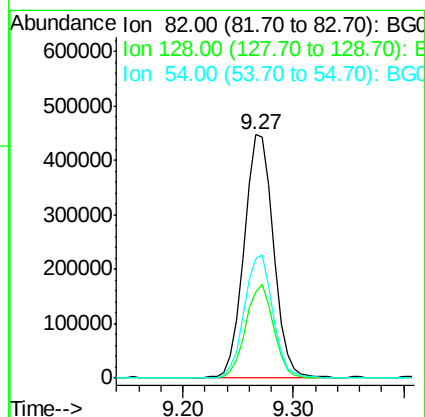
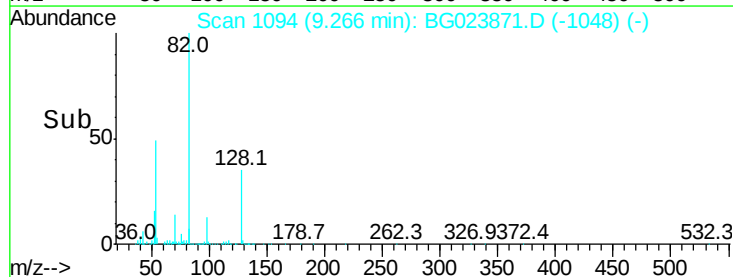
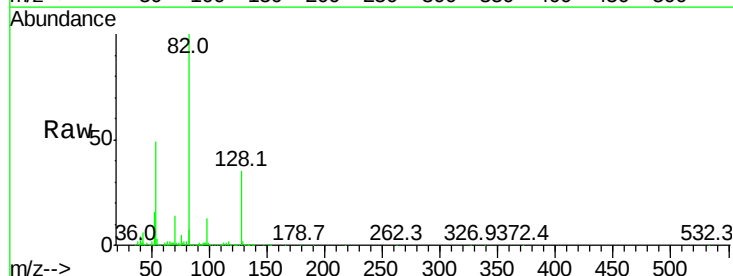
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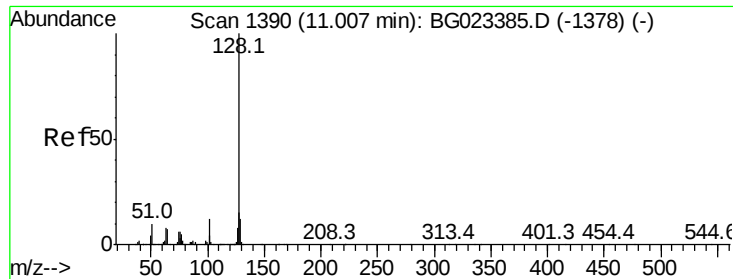
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#23
Nitrobenzene-d5
Concen: 95.53 ng
RT: 9.27 min Scan# 1094
Delta R.T. -0.03 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	35.2	24.4	36.6
54	49.2	41.4	62.0





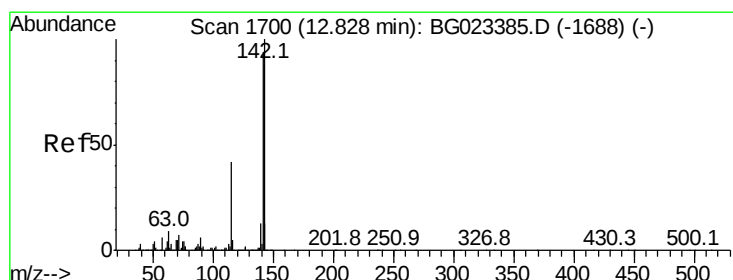
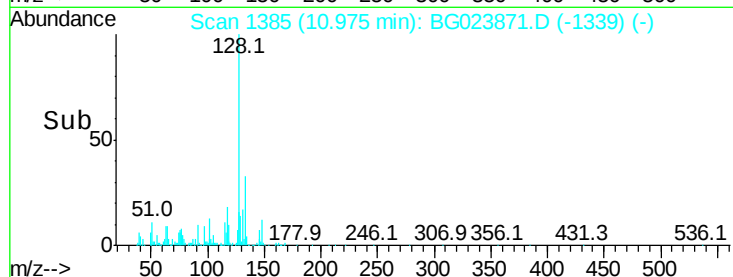
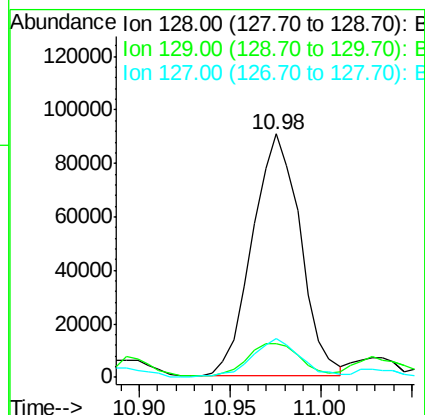
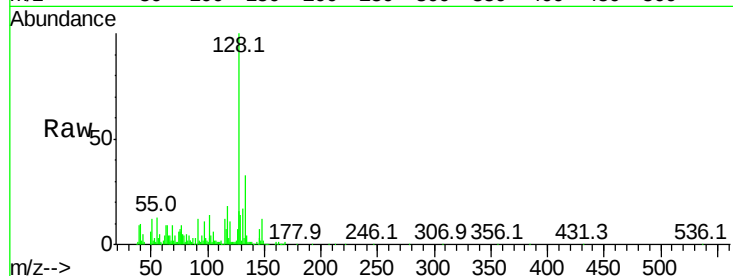
#31
Naphthalene
Concen: 7.50 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.03 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Instrument :
BNA_G
ClientSampleId :
SB-17A(19.6-19.8)

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	13.8	9.4	14.0
127	15.9	11.3	16.9

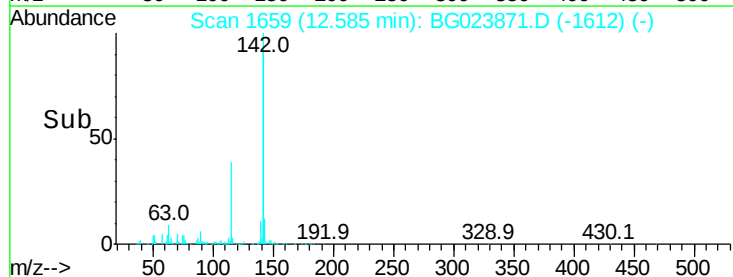
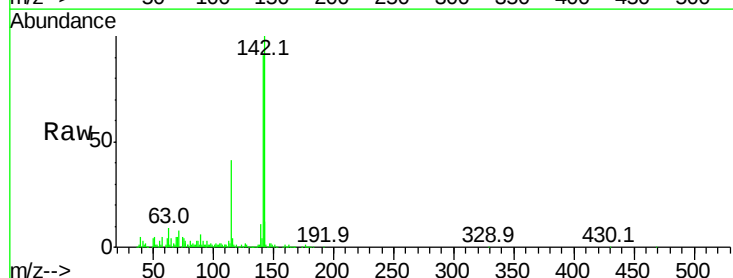
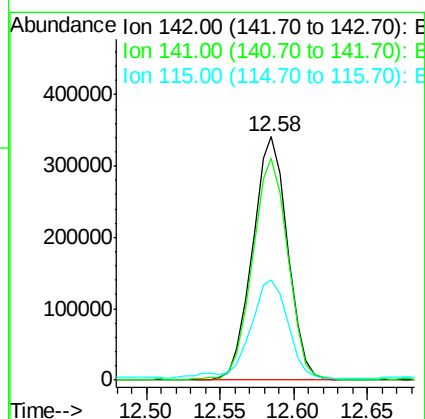
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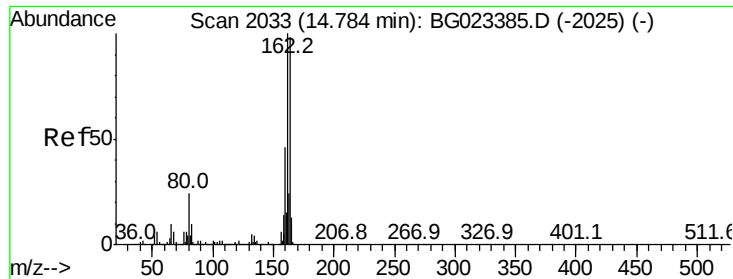
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#37
2-Methylnaphthalene
Concen: 33.57 ng m
RT: 12.58 min Scan# 1659
Delta R.T. -0.03 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
141	91.1	70.2	105.2
115	41.2	41.7	62.5#





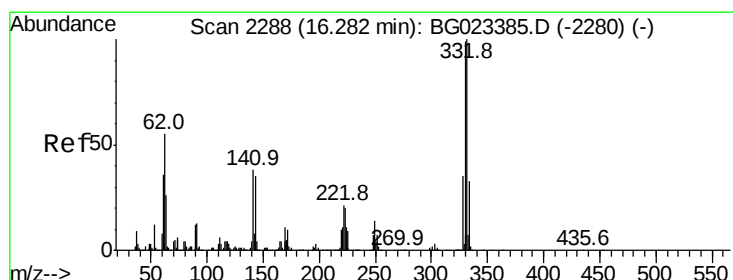
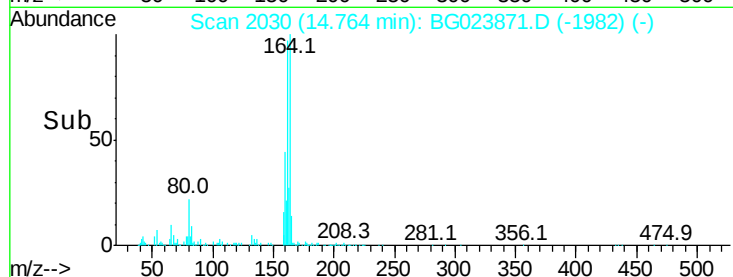
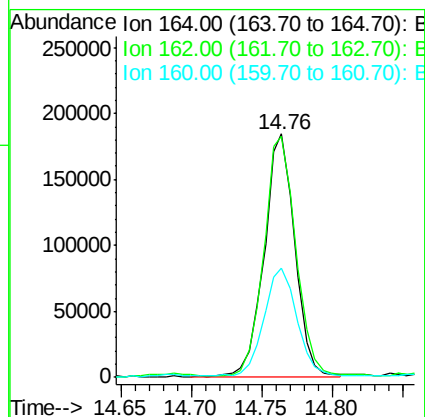
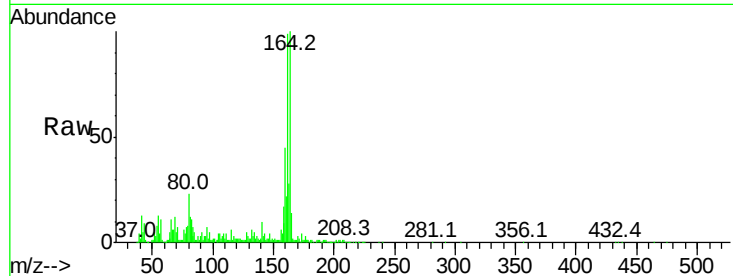
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Instrument :
BNA_G
ClientSampleId :
SB-17A(19.6-19.8)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	280919		
162	99.1		87.7	131.5
160	45.1		37.2	55.8

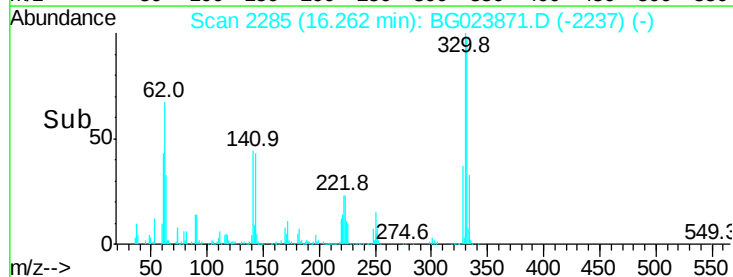
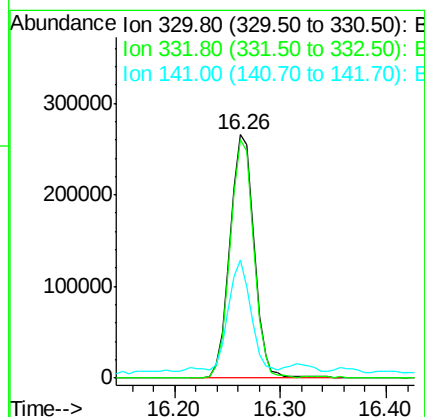
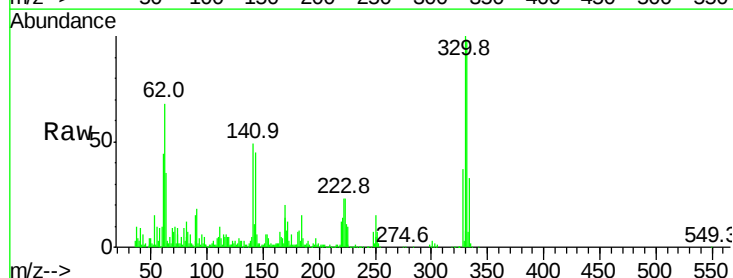
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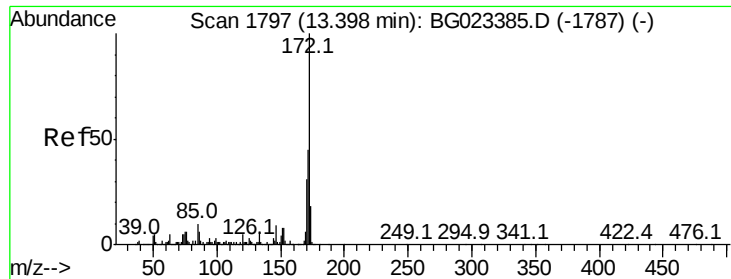
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#41
2,4,6-Tribromophenol
Concen: 102.12 ng
RT: 16.26 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	419624		
332	95.6		77.4	116.2
141	42.9		31.7	47.5





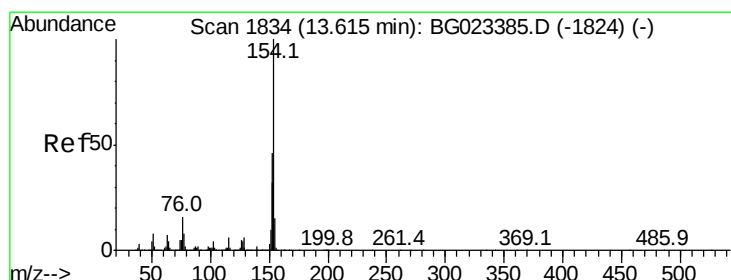
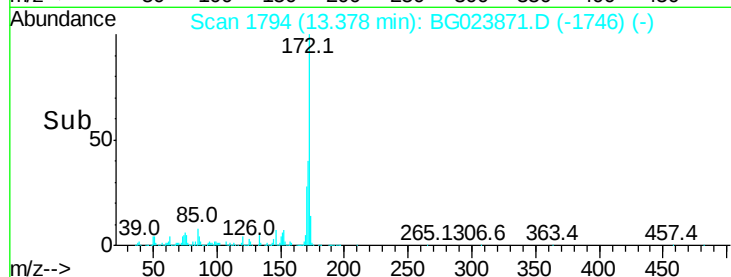
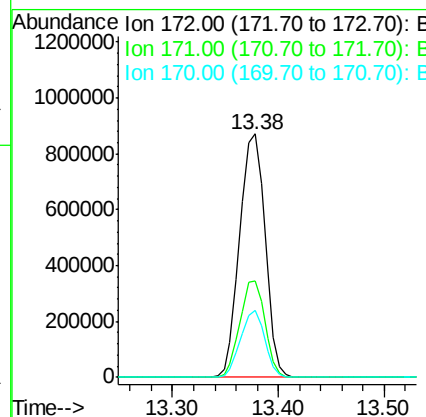
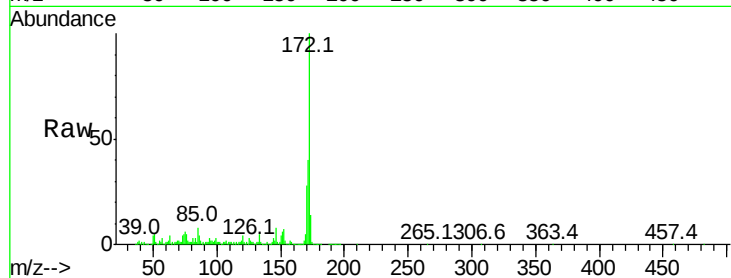
#44
 2-Fluorobiphenyl
 Concen: 87.25 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG023871.D
 Acq: 24 Aug 2016 2:23

Instrument :
 BNA_G
 ClientSampleId :
 SB-17A(19.6-19.8)

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.6	47.4
170	27.7	21.3	31.9

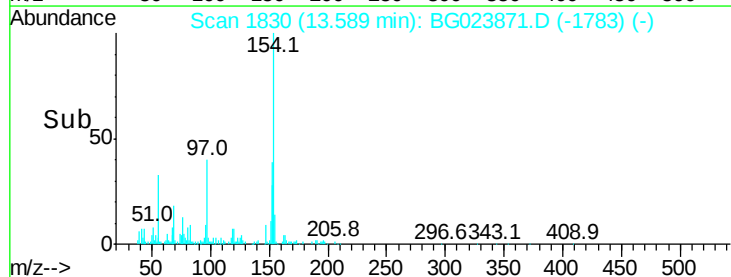
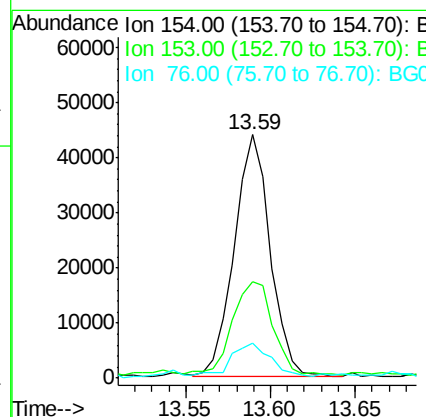
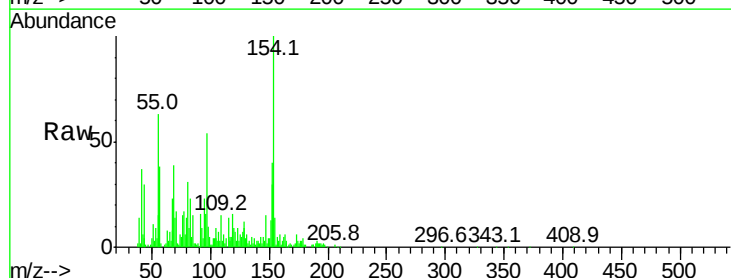
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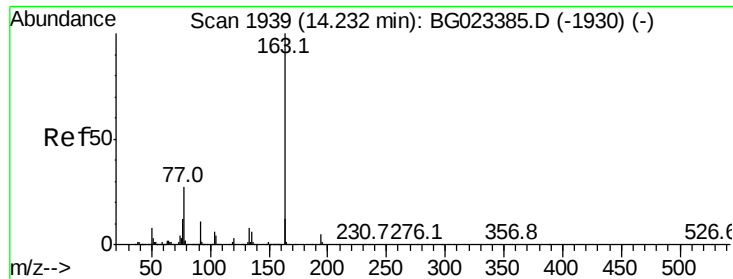
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#45
 1,1'-Biphenyl
 Concen: 3.02 ng
 RT: 13.59 min Scan# 1830
 Delta R.T. -0.03 min
 Lab File: BG023871.D
 Acq: 24 Aug 2016 2:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.2	60.2
76	14.6	0.0	32.9





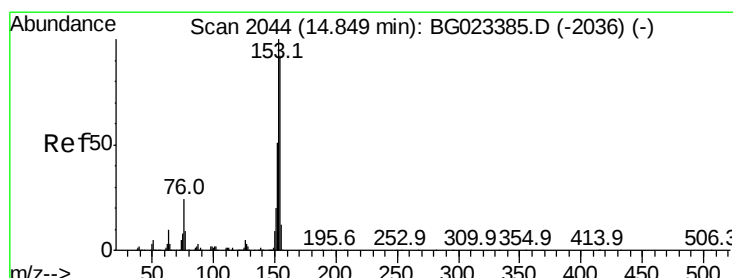
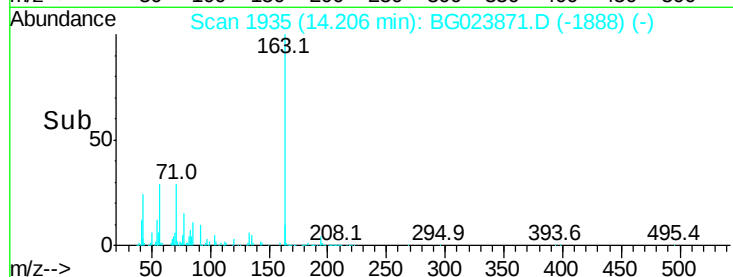
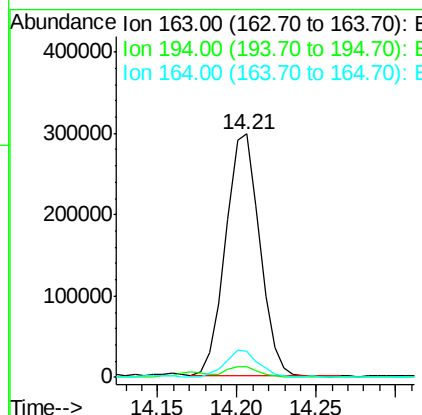
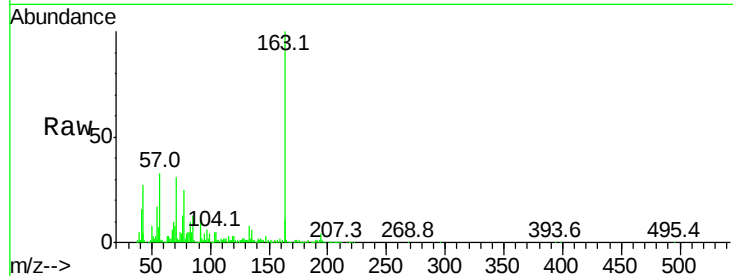
#49
Dimethylphthalate
Concen: 20.65 ng
RT: 14.21 min Scan# 1935
Delta R.T. -0.03 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Instrument :
BNA_G
ClientSampleId :
SB-17A(19.6-19.8)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	445148		
194	4.2		3.6	5.4
164	10.7		8.1	12.1

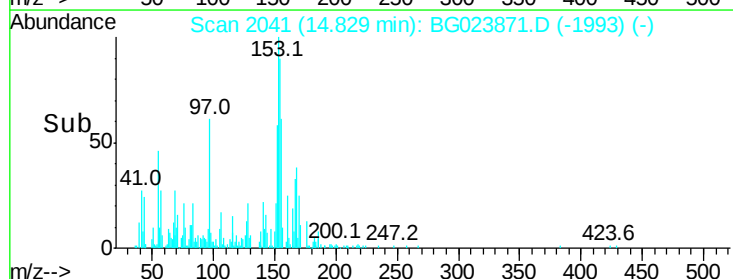
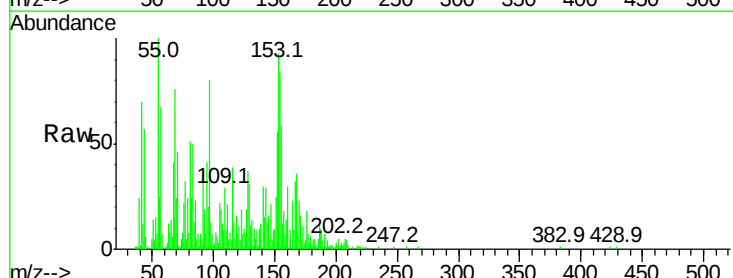
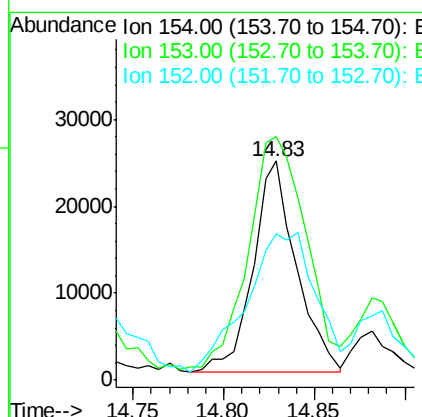
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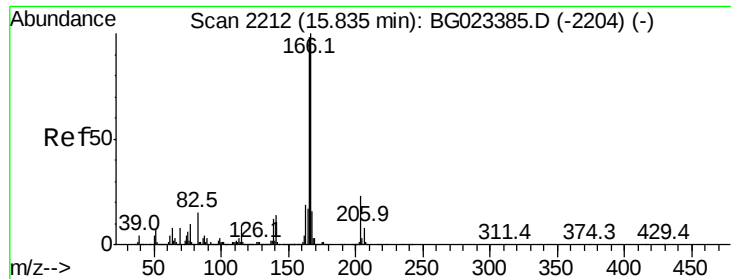
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#51
Acenaphthene
Concen: 2.41 ng
RT: 14.83 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BG023871.D
Acq: 24 Aug 2016 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	40110		
153	111.1		87.5	131.3
152	66.7		42.7	64.1#





#57

Fluorene

Concen: 4.55 ng

RT: 15.82 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG023871.D

Acq: 24 Aug 2016 2:23

Instrument :

BNA_G

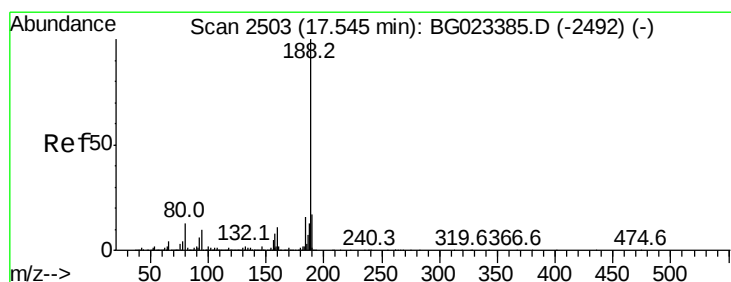
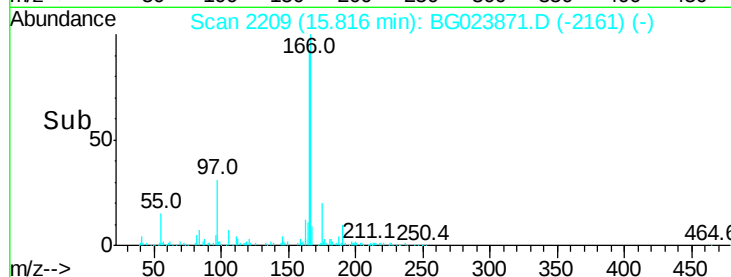
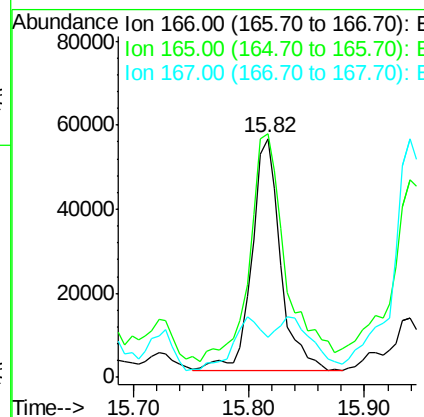
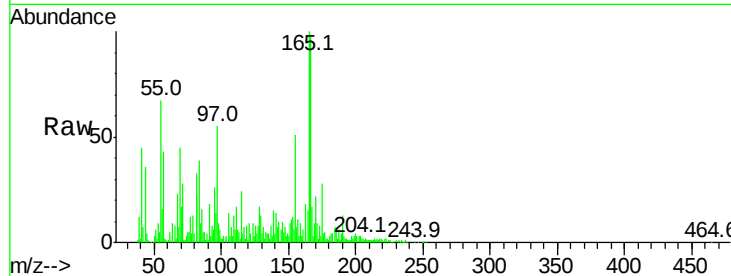
ClientSampleId :

SB-17A(19.6-19.8)

Tot Ion:	166	Resp:	95979
Ion Ratio	Lower	Upper	
166	100		
165	101.9	81.0	121.6
167	16.8	12.0	18.0

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#63

Phenanthrene-d10

Concen: 20.00 ng

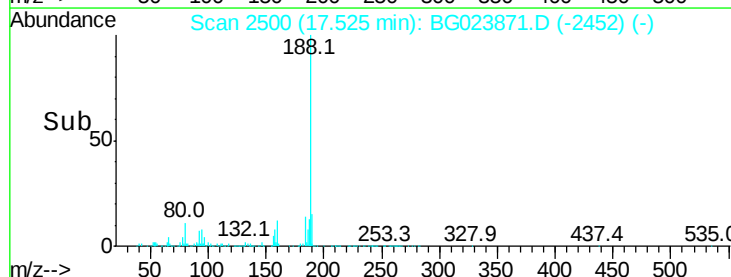
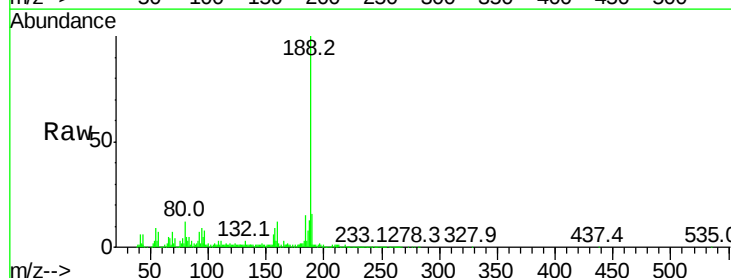
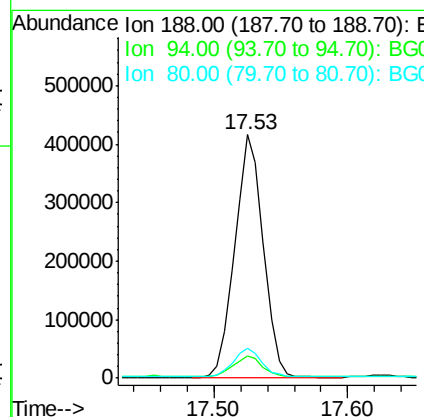
RT: 17.53 min Scan# 2500

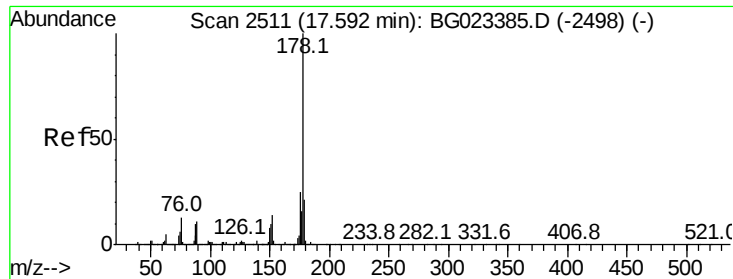
Delta R.T. -0.02 min

Lab File: BG023871.D

Acq: 24 Aug 2016 2:23

Tgt Ion:	188	Resp:	617277
Ion Ratio	Lower	Upper	
188	100		
94	8.9	5.2	7.8#
80	12.0	7.2	10.8#





#70

Phenanthrene

Concen: 11.34 ng

RT: 17.57 min Scan# 2507

Delta R.T. -0.03 min

Lab File: BG023871.D

Acq: 24 Aug 2016 2:23

Instrument :

BNA_G

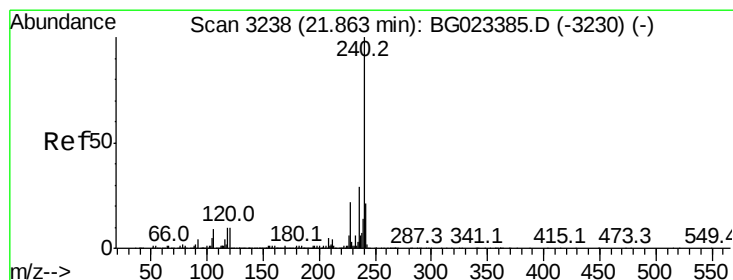
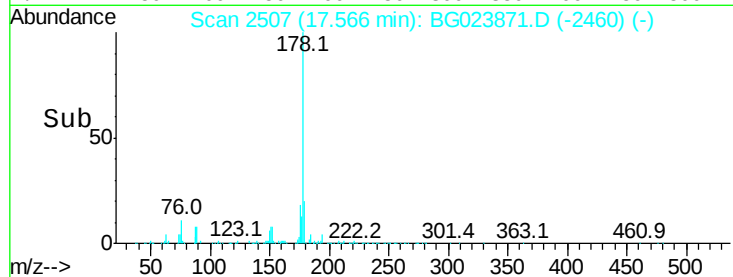
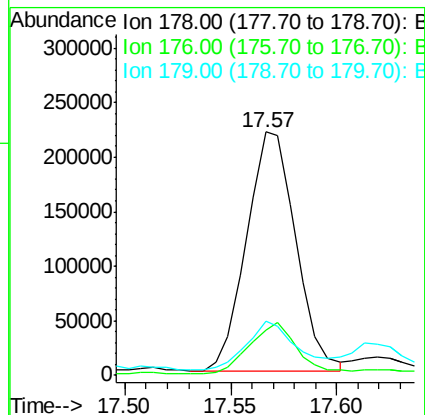
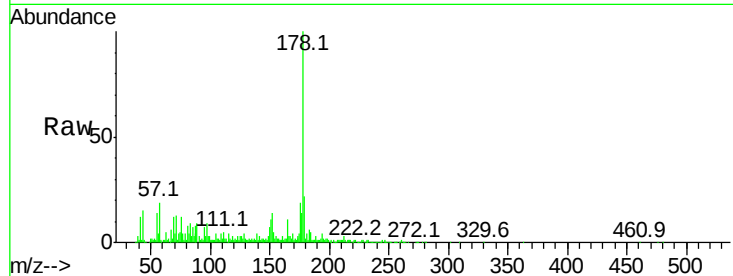
ClientSampleId :

SB-17A(19.6-19.8)

Tot Ion:	178	Resp:	355270
Ion Ratio		Lower	Upper
178	100		
176	18.6	16.8	25.2
179	22.1	14.3	21.5#

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#75

Chrysene-d12

Concen: 20.00 ng

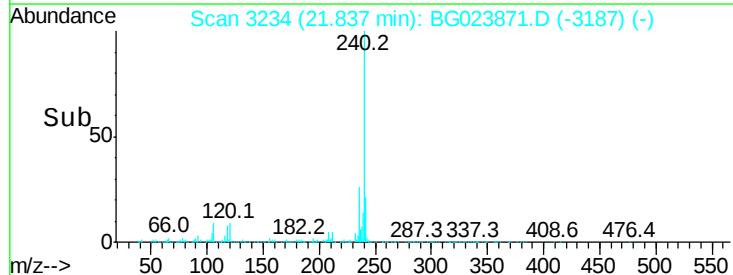
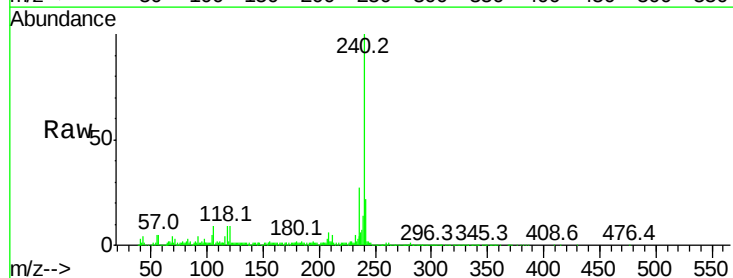
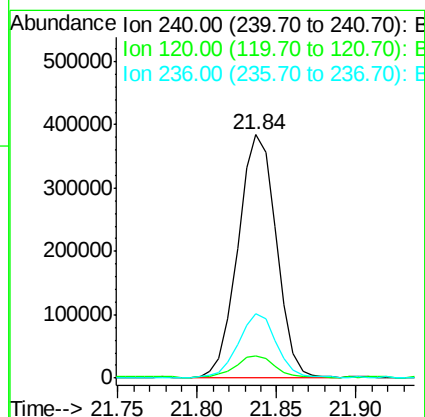
RT: 21.84 min Scan# 3234

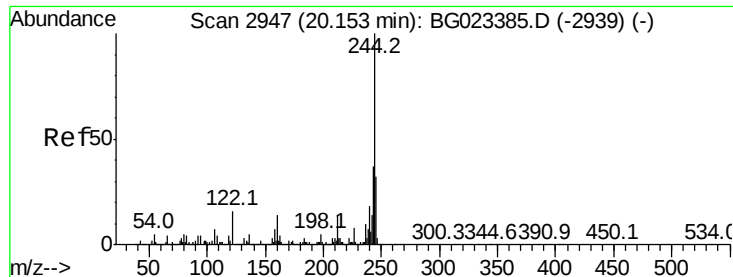
Delta R.T. -0.03 min

Lab File: BG023871.D

Acq: 24 Aug 2016 2:23

Tgt Ion:	240	Resp:	641137
Ion Ratio		Lower	Upper
240	100		
120	9.4	4.1	6.1#
236	26.6	21.1	31.7





#78

Terphenyl-d14

Concen: 91.69 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG023871.D

Acq: 24 Aug 2016 2:23

Instrument :

BNA_G

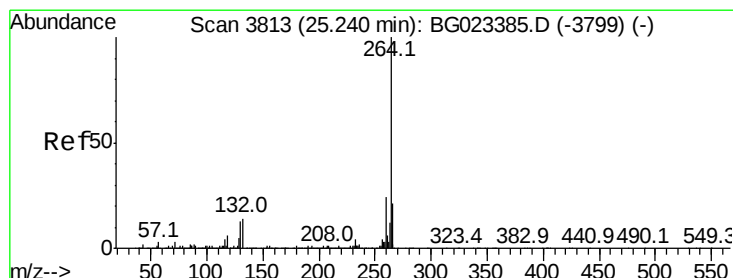
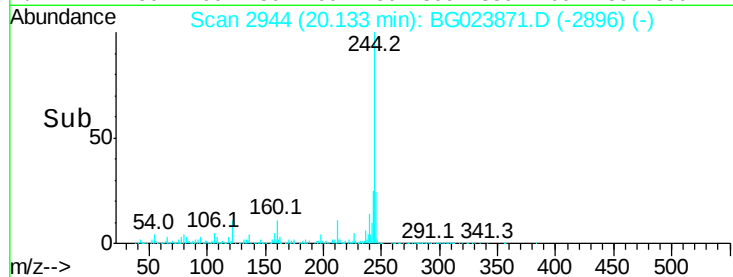
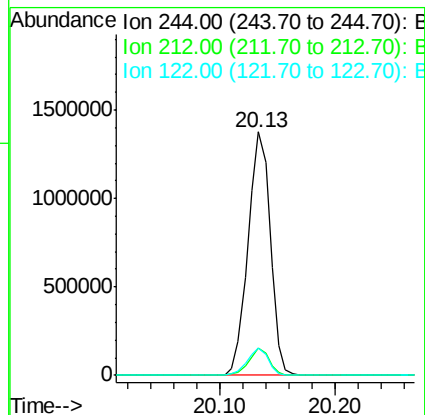
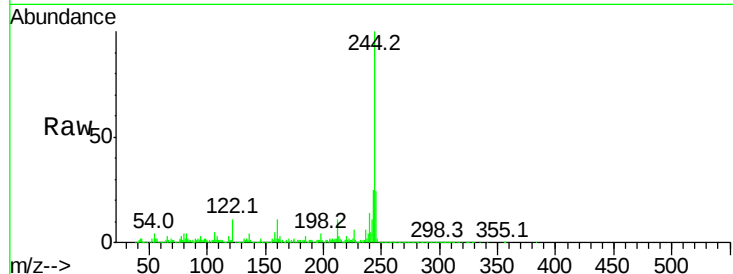
ClientSampleId :

SB-17A(19.6-19.8)

Tot Ion:	244	Resp:	1847671
Ion Ratio	Lower	Upper	
244	100		
212	11.1	10.8	16.2
122	11.0	8.0	12.0

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#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3808

Delta R.T. -0.03 min

Lab File: BG023871.D

Acq: 24 Aug 2016 2:23

Tgt Ion:	264	Resp:	666647
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.4	27.6
265	21.4	18.9	28.3

