

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
 Data File : BG024691.D
 Acq On : 5 Nov 2016 1:09
 Operator : UM/SJ
 Sample : H5531-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0014

Manual Integrations
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Quant Time: Nov 05 04:45:52 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	99874	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	389885	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	320752	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	697802	20.00	ng	0.00
75) Chrysene-d12	21.92	240	992168	20.00	ng	0.00
86) Perylene-d12	25.35	264	1017547	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	482535	79.19	ng	0.00
7) Phenol-d6	7.40	99	454794	54.41	ng	0.00
23) Nitrobenzene-d5	9.44	82	810793	94.68	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	691453	144.30	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1638403	84.90	ng	0.00
78) Terphenyl-d14	20.20	244	2683572	80.82	ng	0.00
Target Compounds						
10) Phenol	7.43	94	27223	3.16	ng	90
22) Acetophenone	9.09	105	1259132	125.73	ng	# 91
27) 2,4-Dimethylphenol	10.24	122	96702m	15.62	ng	
31) Naphthalene	11.15	128	2131536	109.60	ng	96
32) Benzoic acid	10.40	122	228712	44.37	ng	96
37) 2-Methylnaphthalene	12.73	142	589342	41.53	ng	100
45) 1,1'-Biphenyl	13.72	154	54424	2.45	ng	90
49) Dimethylphthalate	14.32	163	182393	8.01	ng	97

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

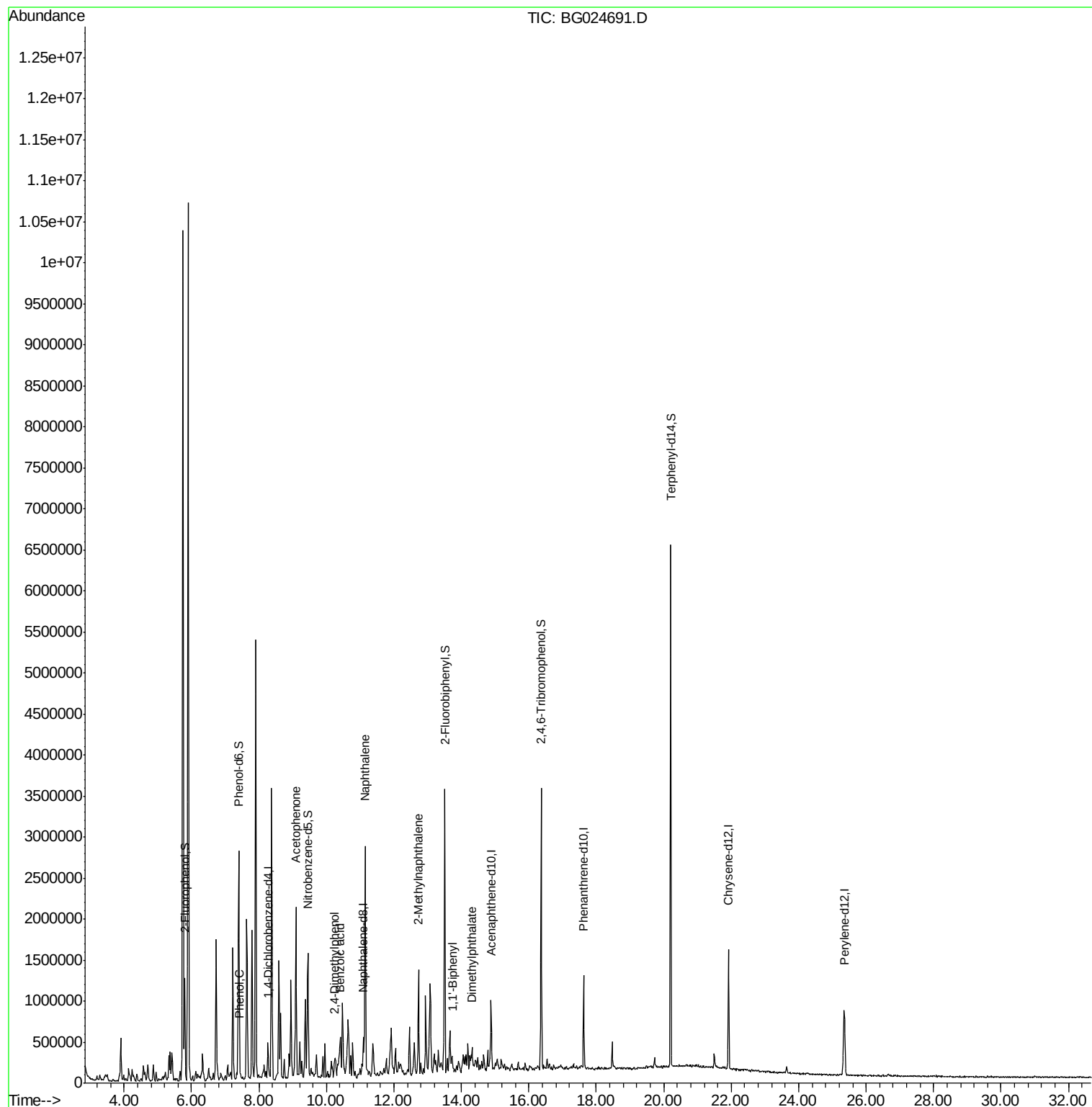
Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024691.D
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Operator : UM/SJ
Sample : H5531-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

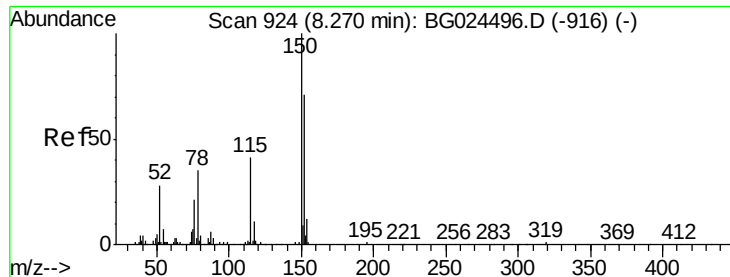
Instrument :
BNA_G
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S22-0014

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Quant Time: Nov 05 04:45:52 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024691.D

Acq: 5 Nov 2016 1:09

Instrument :

BNA_G

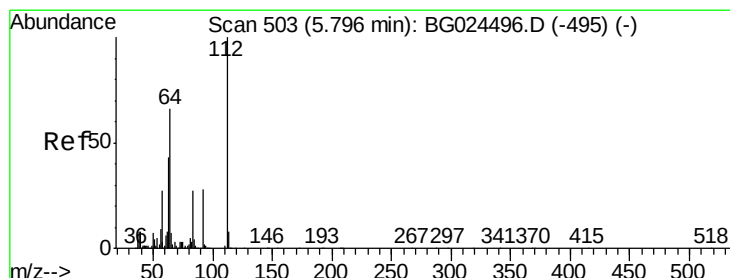
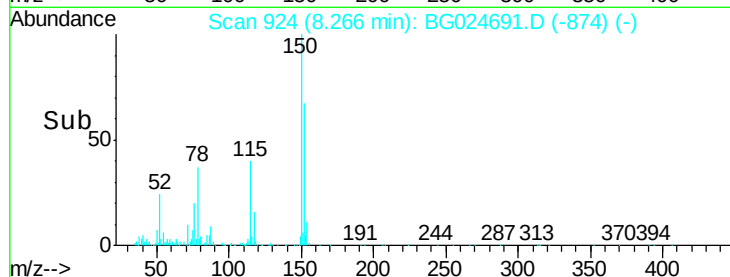
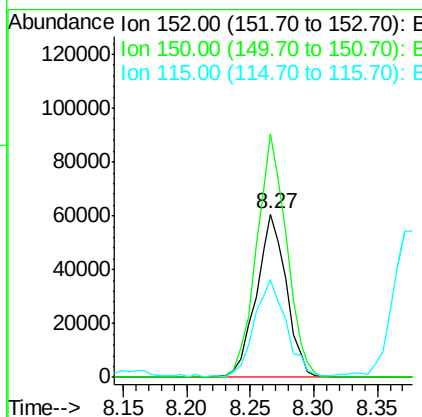
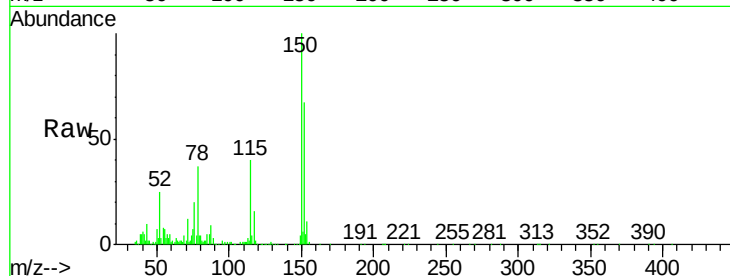
ClientSampleId :

S22-0014

Tot Ion:	152	Resp:	99874
Ion Ratio	Lower	Upper	
152	100		
150	149.3	114.0	171.0
115	60.3	48.1	72.1

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#5

2-Fluorophenol

Concen: 79.19 ng

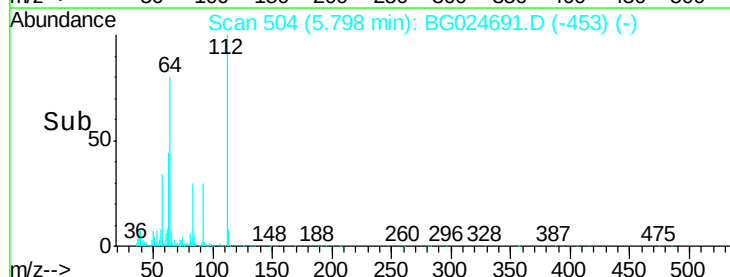
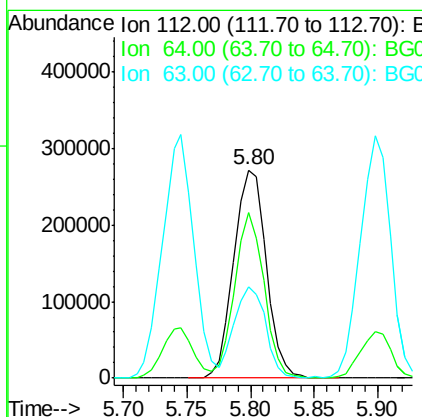
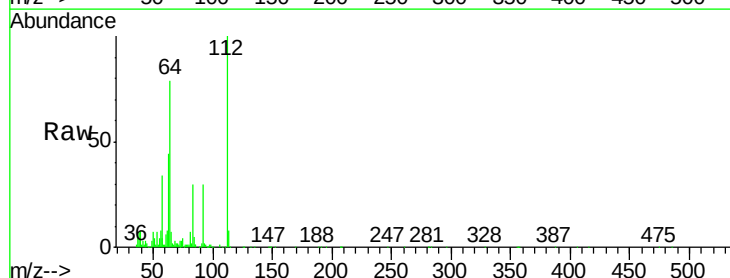
RT: 5.80 min Scan# 504

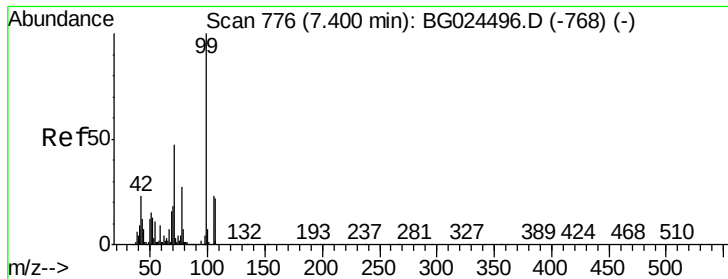
Delta R.T. 0.00 min

Lab File: BG024691.D

Acq: 5 Nov 2016 1:09

Tgt Ion:	112	Resp:	482535
Ion Ratio	Lower	Upper	
112	100		
64	79.5	61.8	92.6
63	43.8	37.2	55.8





#7

Phenol-d6

Concen: 54.41 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024691.D

Acq: 5 Nov 2016 1:09

Instrument :

BNA_G

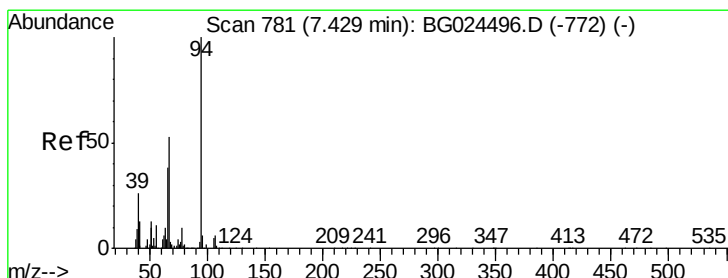
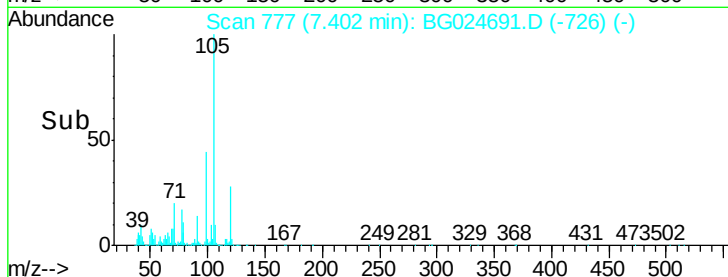
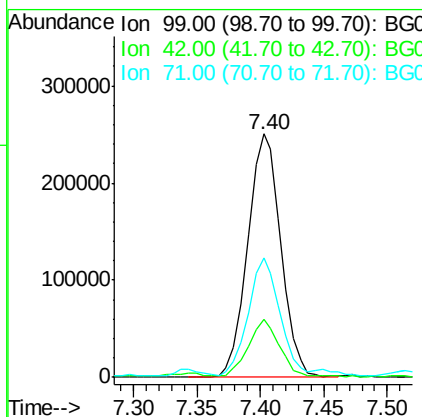
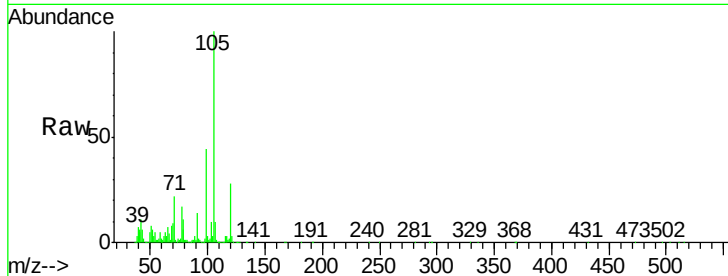
ClientSampleId :

S22-0014

Tot Ion:	99	Resp:	454794
Ion Ratio	Lower	Upper	
99	100		
42	23.9	20.5	30.7
71	48.9	37.6	56.4

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#10

Phenol

Concen: 3.16 ng

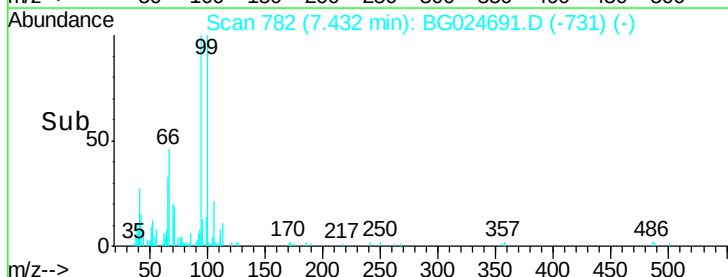
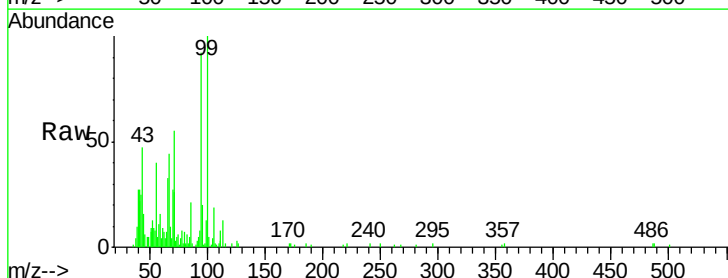
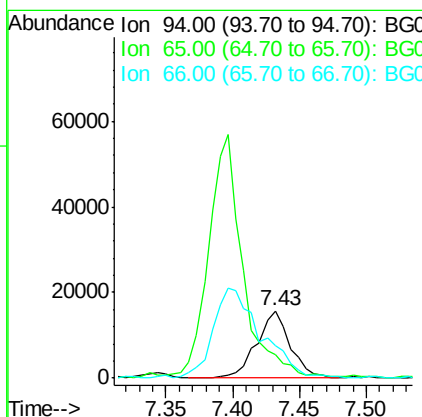
RT: 7.43 min Scan# 782

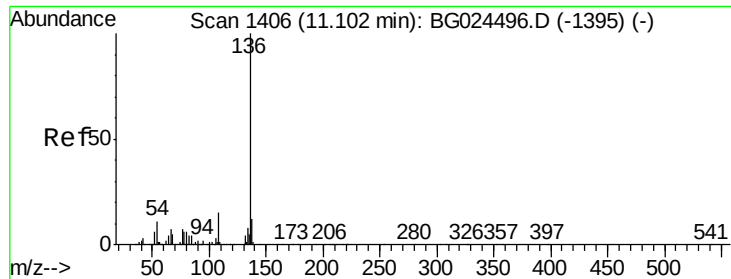
Delta R.T. 0.00 min

Lab File: BG024691.D

Acq: 5 Nov 2016 1:09

Tgt Ion:	94	Resp:	27223
Ion Ratio	Lower	Upper	
94	100		
65	35.2	20.6	60.6
66	47.5	35.5	75.5





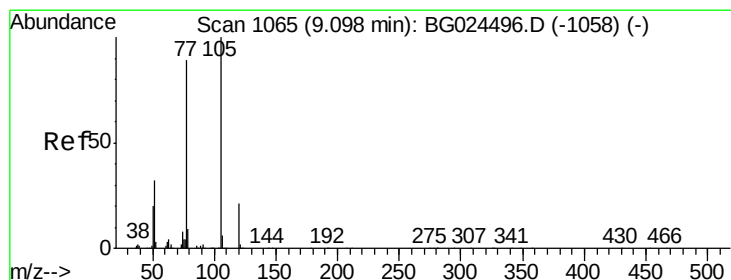
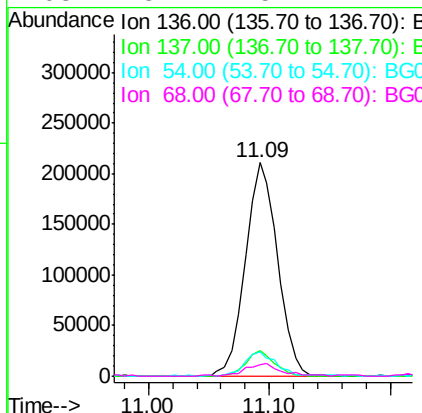
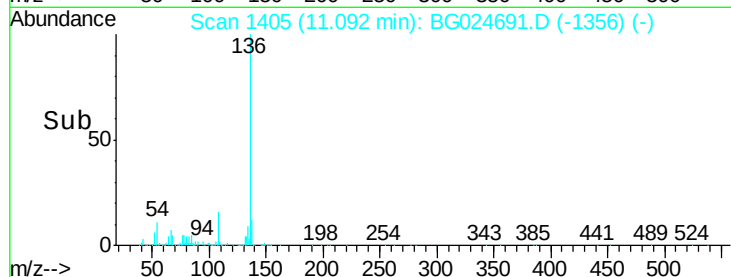
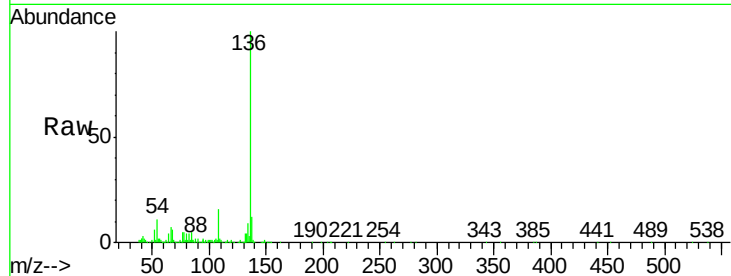
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0014

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		389885		
137	11.9	8.9	13.3		
54	11.2	9.3	13.9		
68	5.7	5.1	7.7		

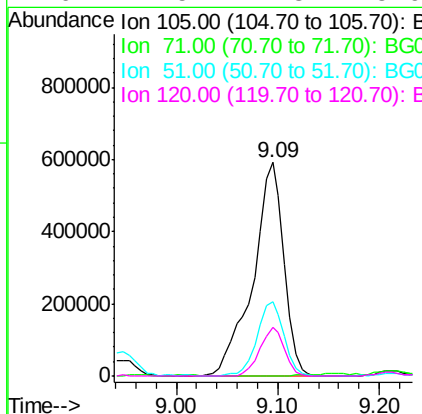
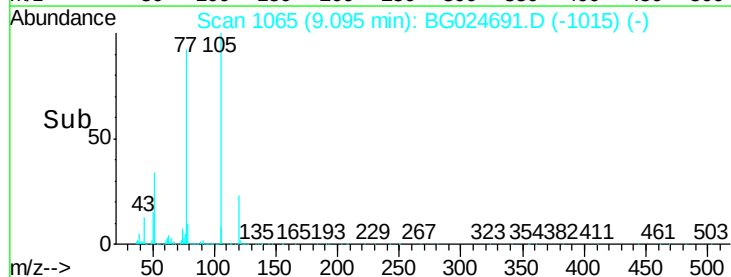
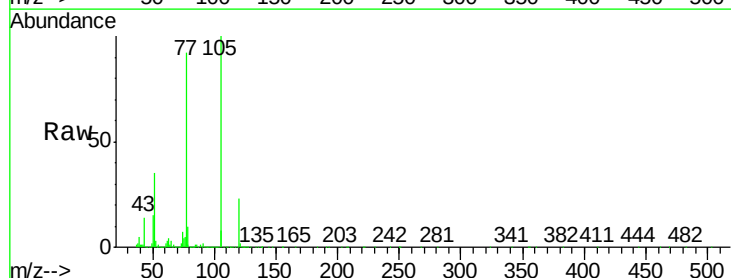
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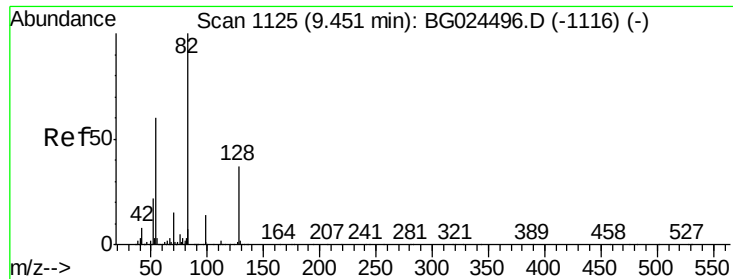
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#22
Acetophenone
Concen: 125.73 ng
RT: 9.09 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1259132		
71	0.2	0.9	1.3#		
51	34.5	34.0	51.0		
120	22.5	17.3	25.9		





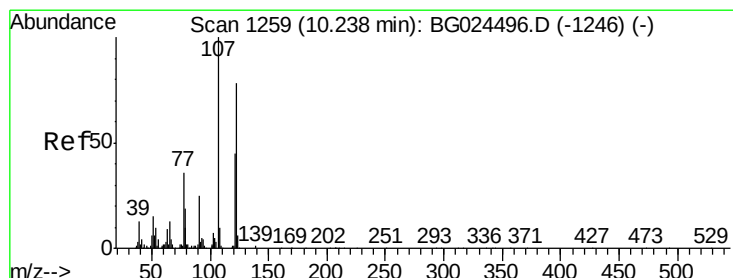
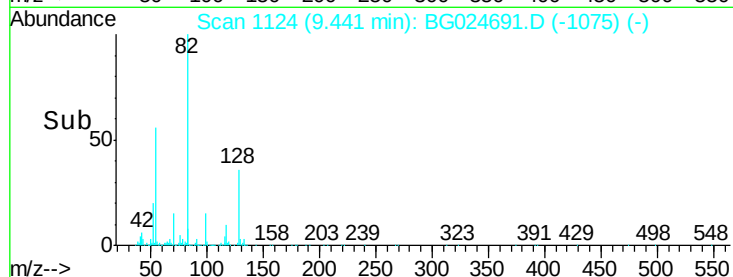
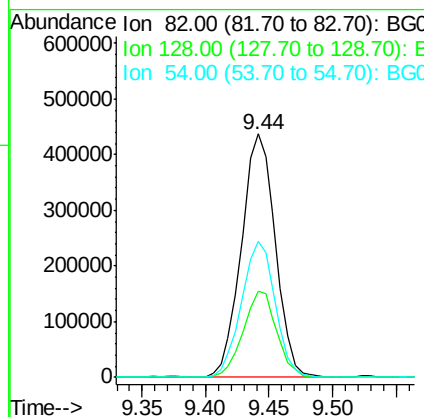
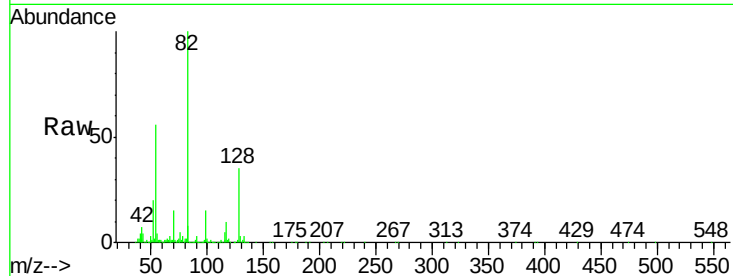
#23
 Nitrobenzene-d5
 Concen: 94.68 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024691.D
 Acq: 5 Nov 2016 1:09

Instrument :
 BNA_G
 ClientSampled :
 S22-0014

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.4	26.4	39.6
54	55.8	49.4	74.2

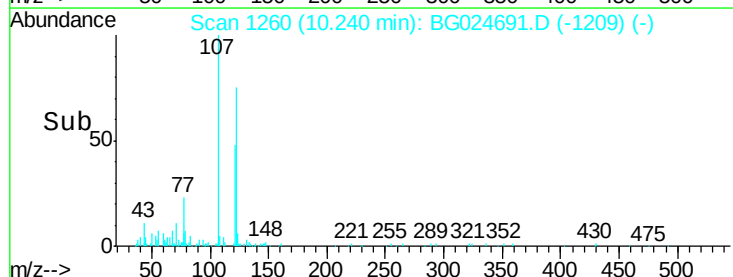
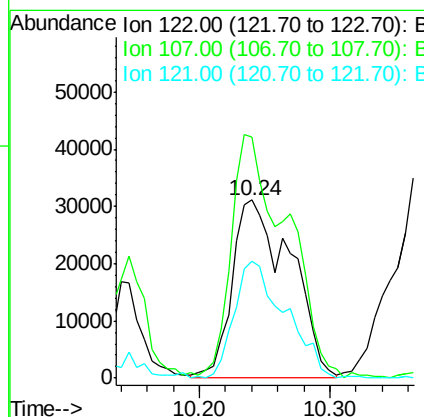
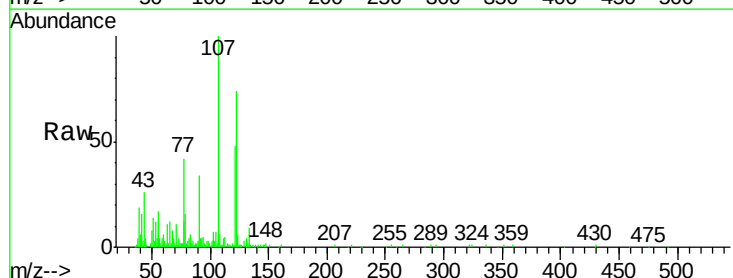
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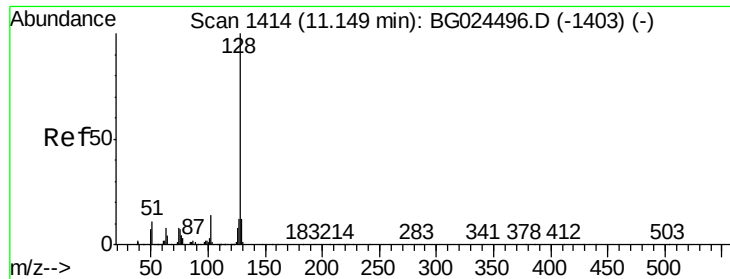
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#27
 2,4-Dimethylphenol
 Concen: 15.62 ng m
 RT: 10.24 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG024691.D
 Acq: 5 Nov 2016 1:09

Tgt Ion	Ratio	Lower	Upper
122	100		
107	135.5	104.2	156.4
121	65.6	46.0	69.0





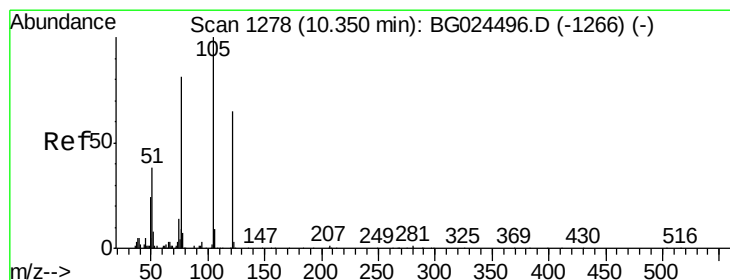
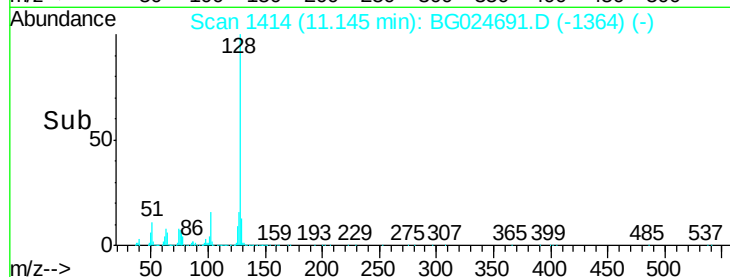
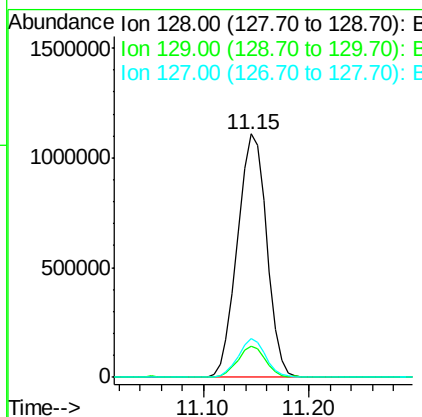
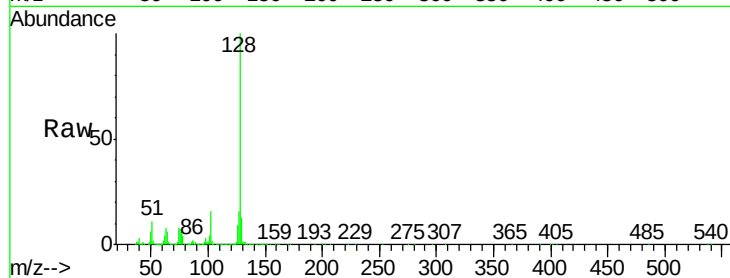
#31
Naphthalene
Concen: 109.60 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Instrument :
BNA_G
ClientSampled :
S22-0014

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.3	13.9
127	15.8	11.4	17.0

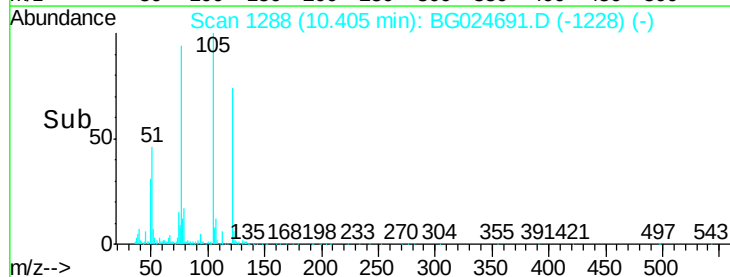
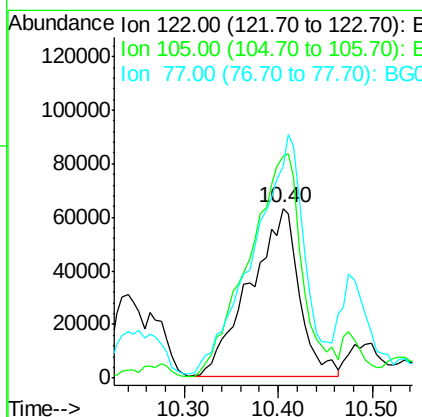
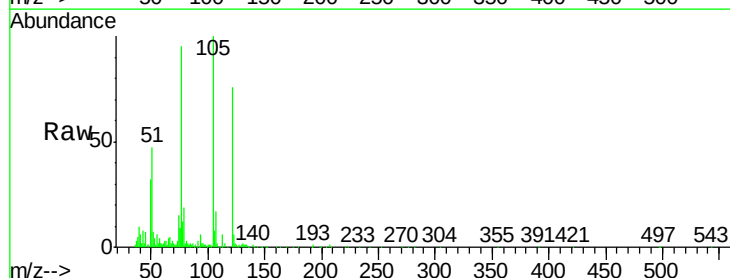
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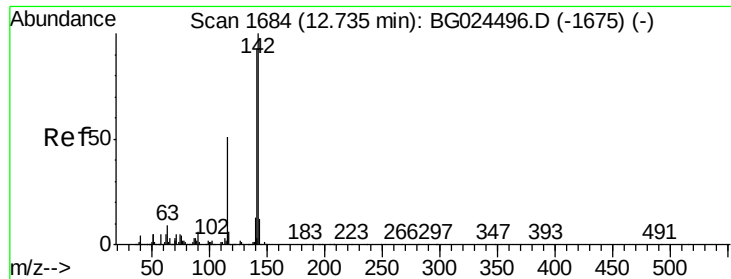
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#32
Benzoic acid
Concen: 44.37 ng
RT: 10.40 min Scan# 1288
Delta R.T. 0.06 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.2	120.1	160.1
77	125.2	104.6	144.6





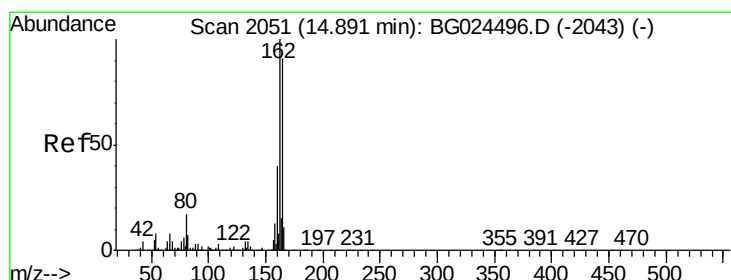
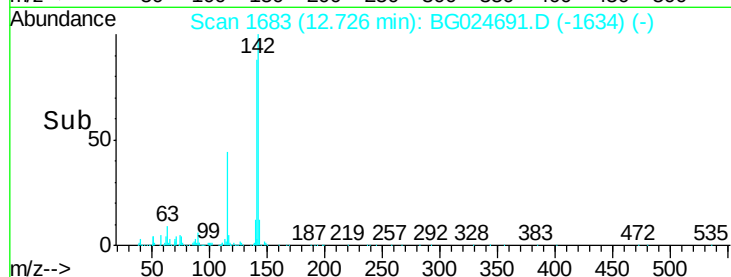
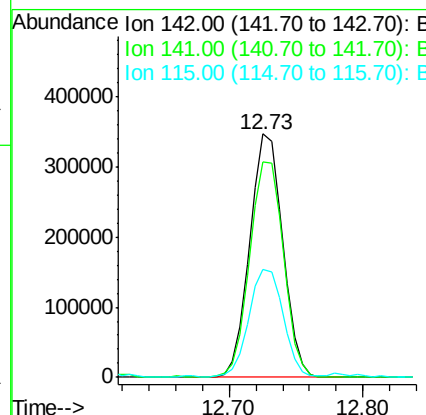
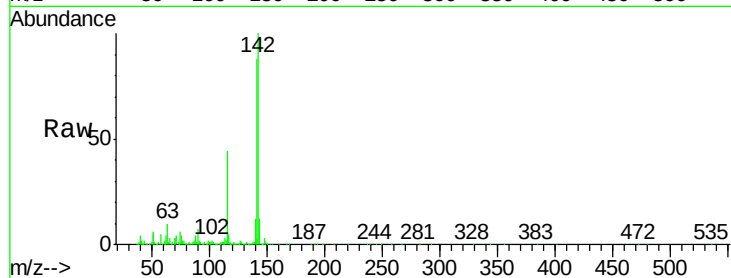
#37
2-Methylnaphthalene
Concen: 41.53 ng
RT: 12.73 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0014

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.4	105.6
115	44.2	35.5	53.3

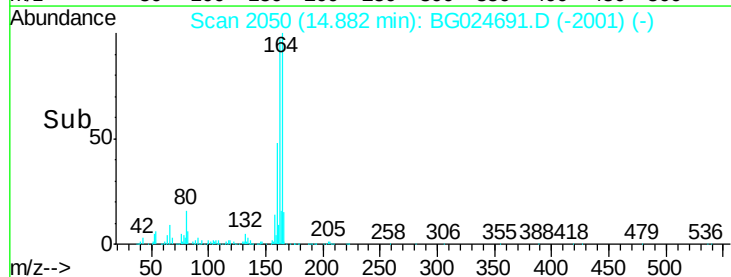
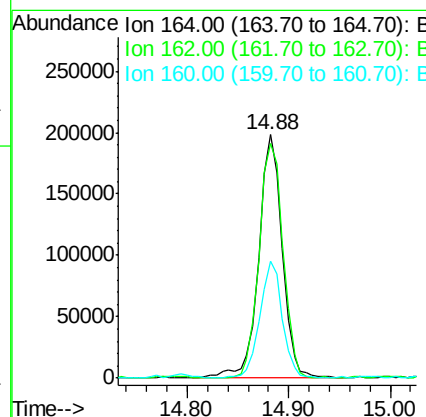
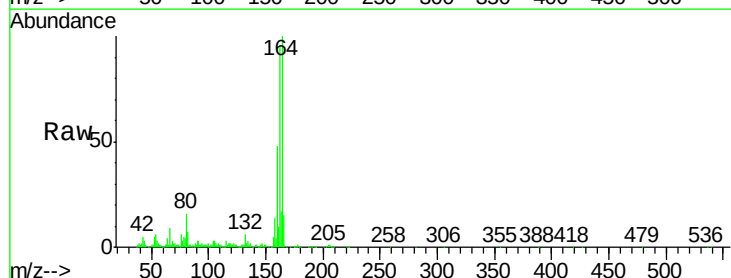
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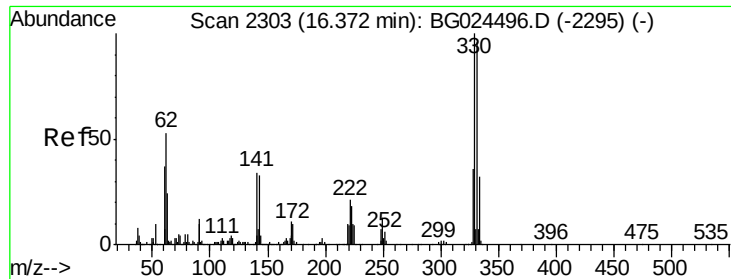
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.3	85.1	127.7
160	48.1	34.7	52.1





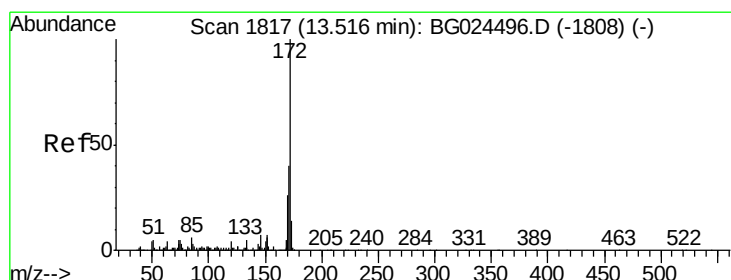
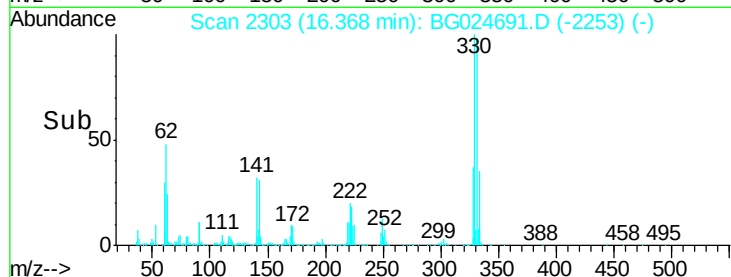
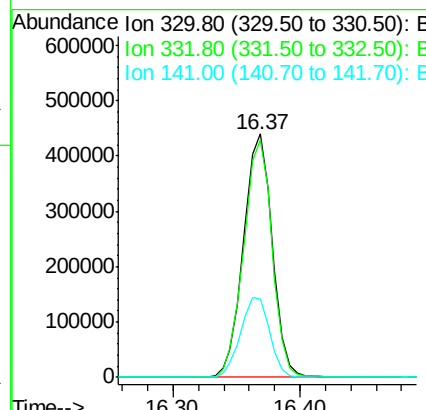
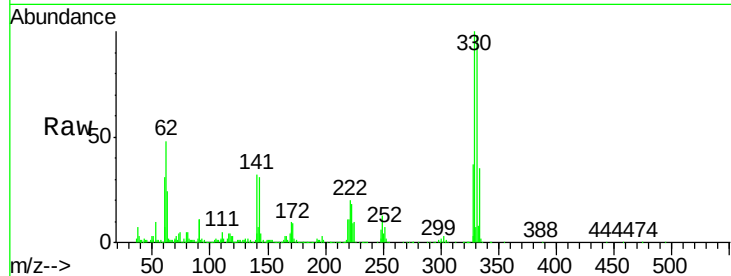
#41
2,4,6-Tribromophenol
Concen: 144.30 ng
RT: 16.37 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Instrument :
BNA_G
ClientSampled :
S22-0014

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	33.0	32.1	48.1

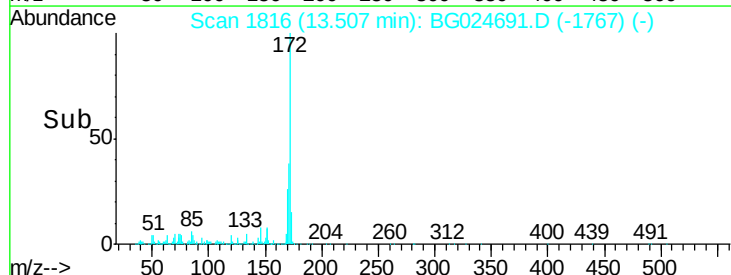
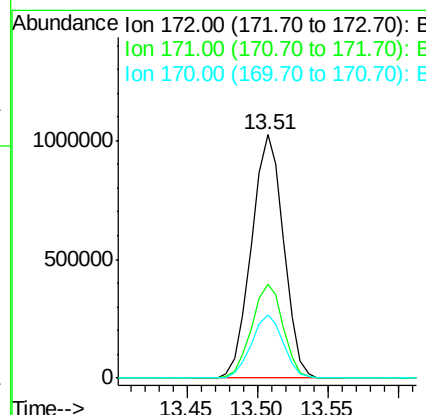
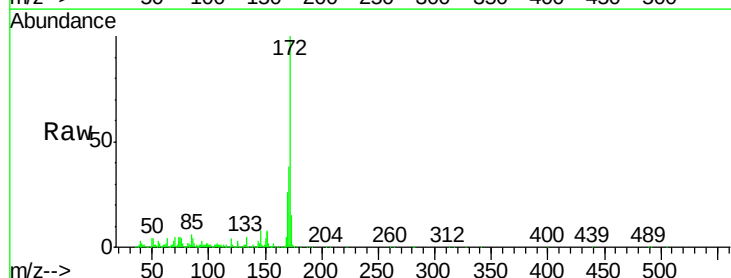
Manual Integrations
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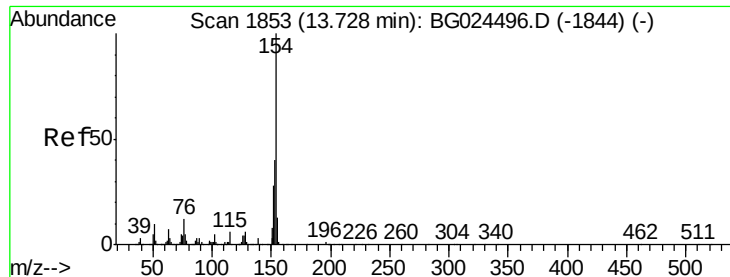
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#44
2-Fluorobiphenyl
Concen: 84.90 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	32.2	48.2
170	25.9	21.8	32.6





#45

1,1'-Biphenyl

Concen: 2.45 ng

RT: 13.72 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG024691.D

Acq: 5 Nov 2016 1:09

Instrument :

BNA_G

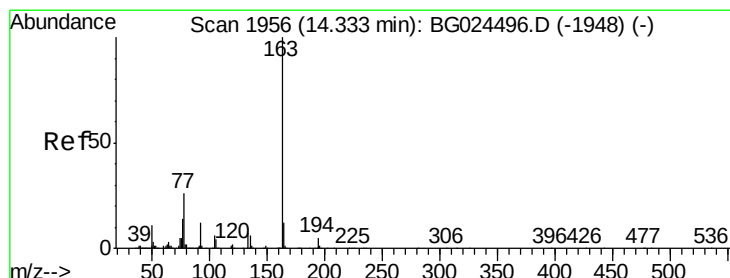
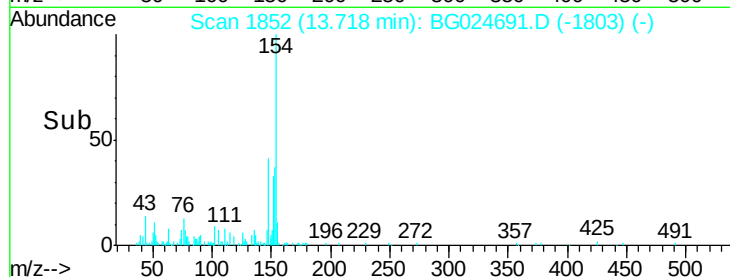
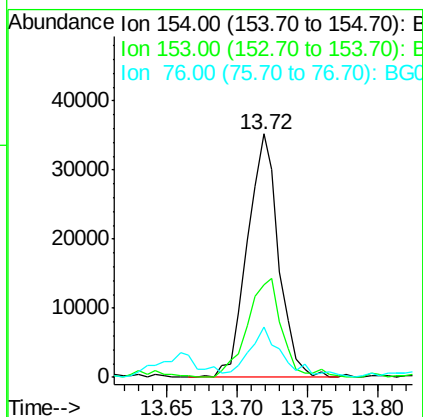
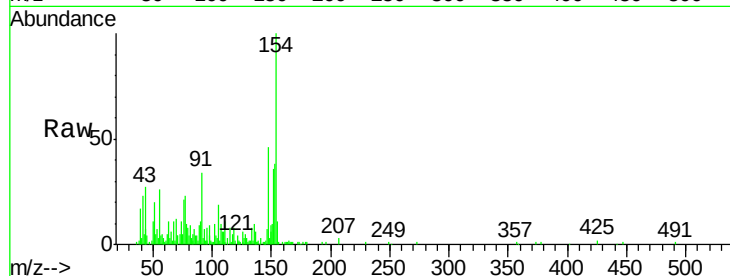
ClientSampleId :

S22-0014

Tot Ion:	154	Resp:	54424
Ion Ratio	Lower	Upper	
154	100		
153	38.0	23.0	63.0
76	20.9	0.0	33.5

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#49

Dimethylphthalate

Concen: 8.01 ng

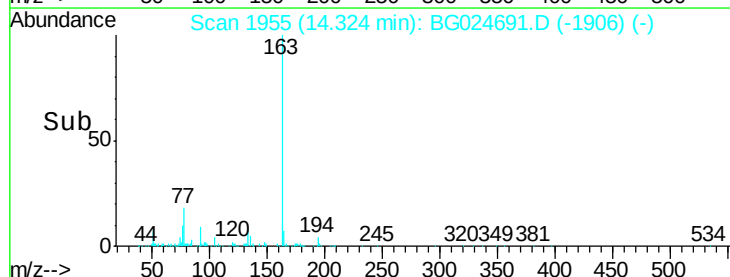
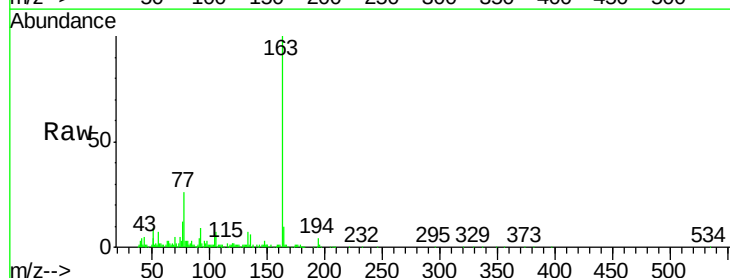
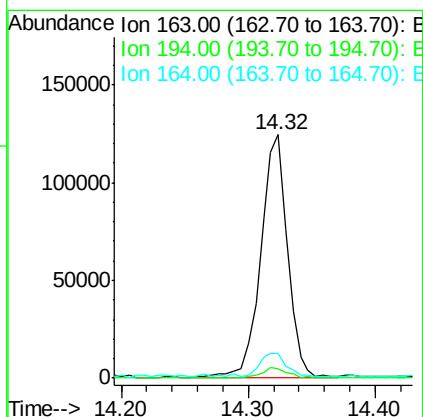
RT: 14.32 min Scan# 1955

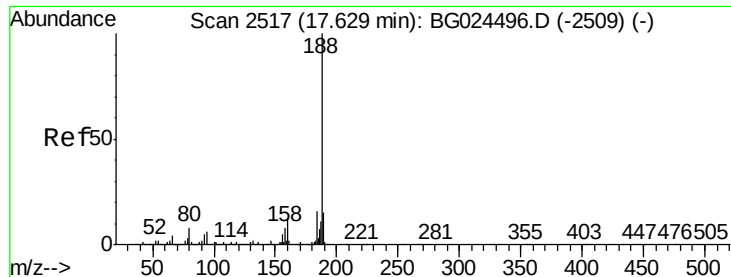
Delta R.T. -0.01 min

Lab File: BG024691.D

Acq: 5 Nov 2016 1:09

Tgt Ion:	163	Resp:	182393
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.8	5.6
164	10.2	9.3	13.9





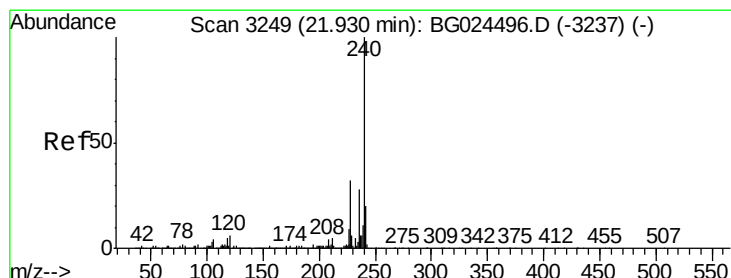
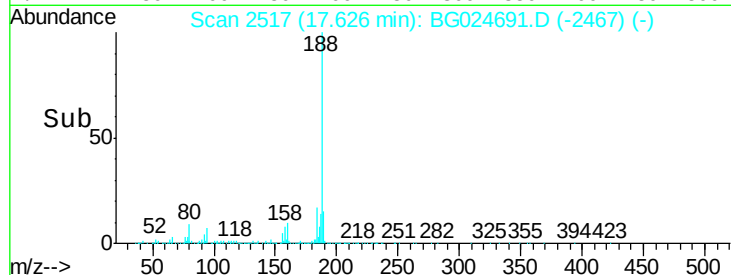
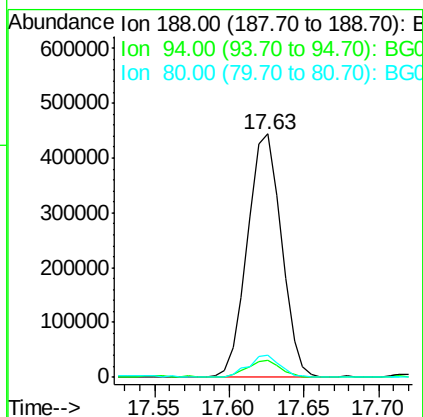
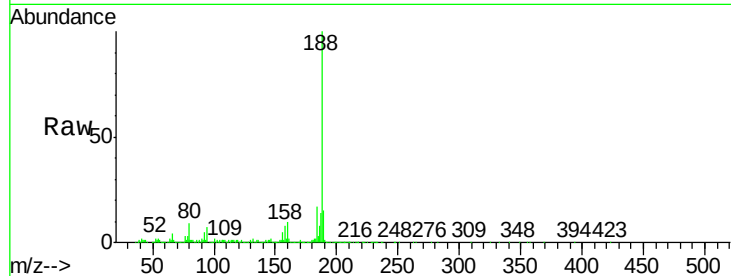
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0014

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.0	5.8	8.8
80	9.2	7.5	11.3

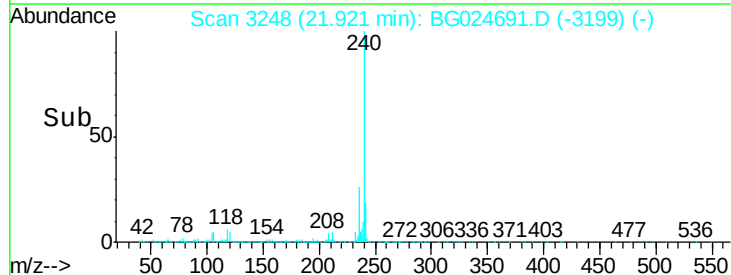
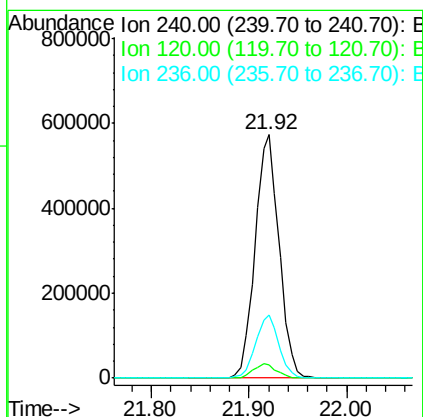
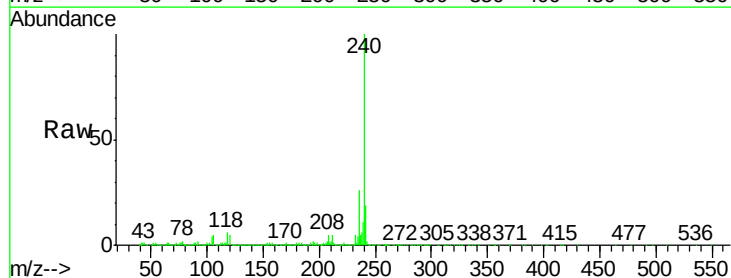
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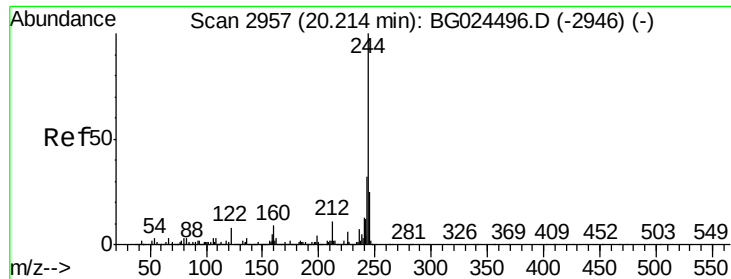
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.4	5.7	8.5#
236	26.0	22.2	33.4





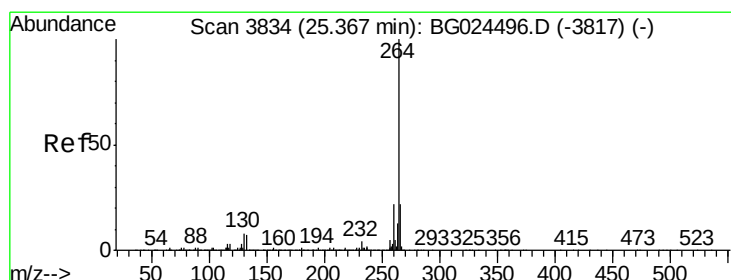
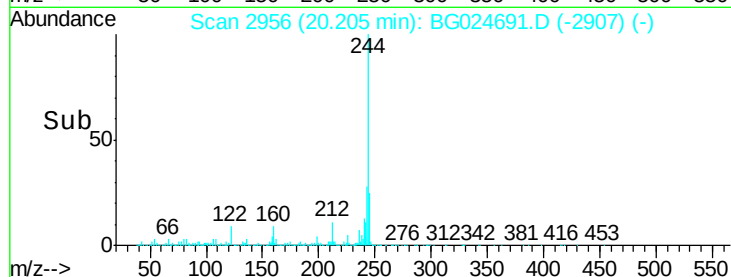
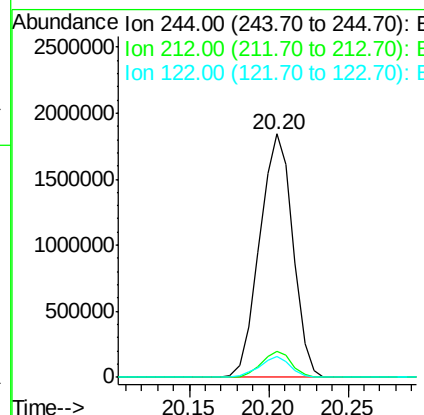
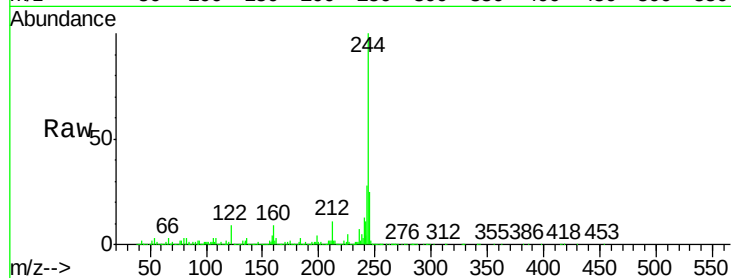
#78
 Terphenyl-d14
 Concen: 80.82 ng
 RT: 20.20 min Scan# 2956
 Delta R.T. -0.01 min
 Lab File: BG024691.D
 Acq: 5 Nov 2016 1:09

Instrument :
 BNA_G
 ClientSampled :
 S22-0014

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.7	10.0	15.0
122	8.6	8.6	12.8

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.35 min Scan# 3832
 Delta R.T. -0.02 min
 Lab File: BG024691.D
 Acq: 5 Nov 2016 1:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	21.8	32.8
265	22.6	18.2	27.4

