

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG020981.D
 Acq On : 19 Feb 2016 20:54
 Operator : SJ/UM
 Sample : H1509-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-5

Manual Integrations
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Quant Time: Feb 19 22:24:03 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	19048	20.00	ng	-0.01
21) Naphthalene-d8	11.08	136	104321	20.00	ng	-0.02
38) Acenaphthene-d10	14.87	164	65288	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	134149	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	124523	20.00	ng	-0.02
86) Perylene-d12	25.25	264	118540	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	74162	65.57	ng	0.00
7) Phenol-d6	7.40	99	66318	40.12	ng	0.00
23) Nitrobenzene-d5	9.43	82	161138	101.56	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	114508	178.35	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	486480	104.67	ng	-0.01
78) Terphenyl-d14	20.19	244	498521	93.39	ng	-0.02

Target Compounds Qvalue

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

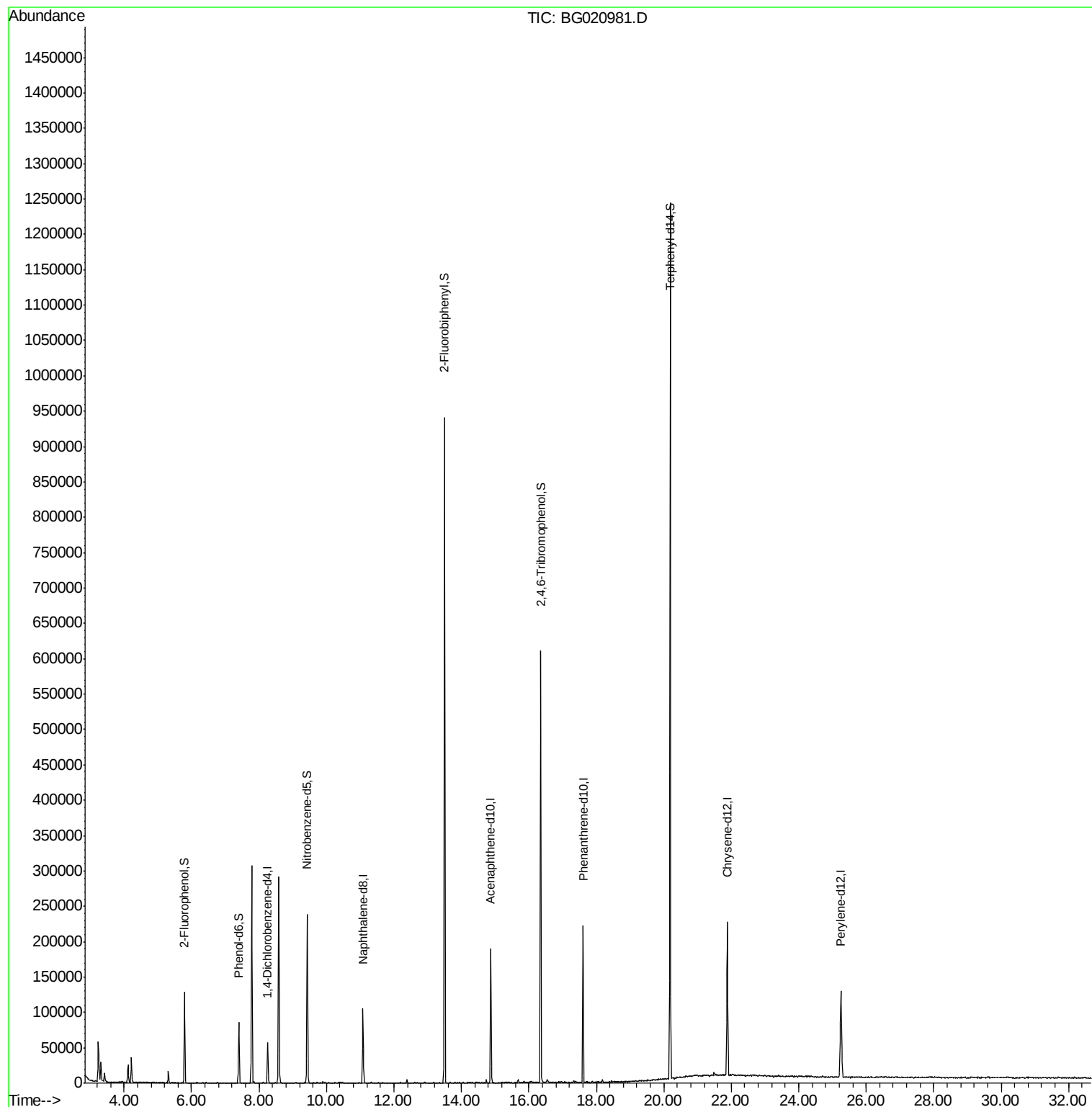
Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
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#1

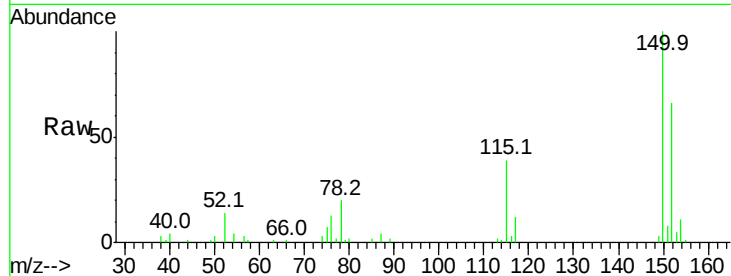
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG020981.D
Acq: 19 Feb 2016 20:54

Instrument :
BNA_G
ClientSampleId :
MW-5

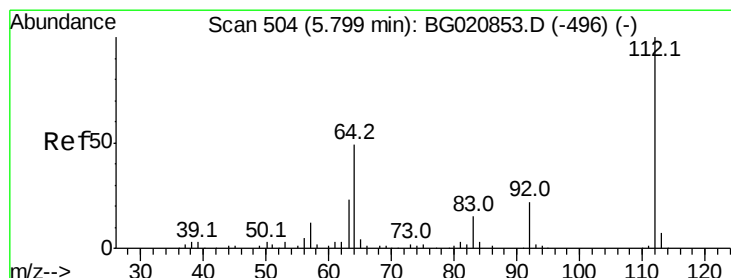
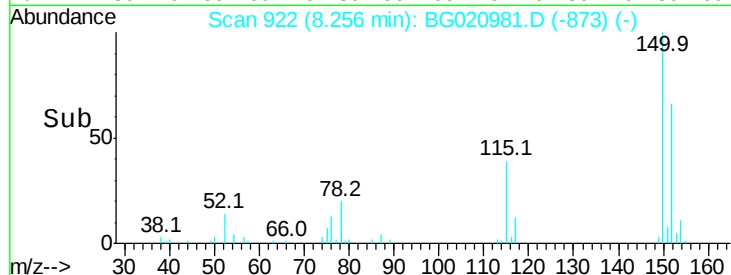
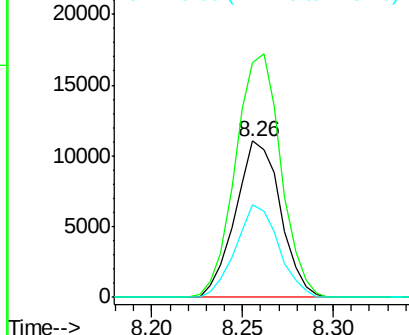
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	122.0	183.0
115	59.1	45.2	67.8

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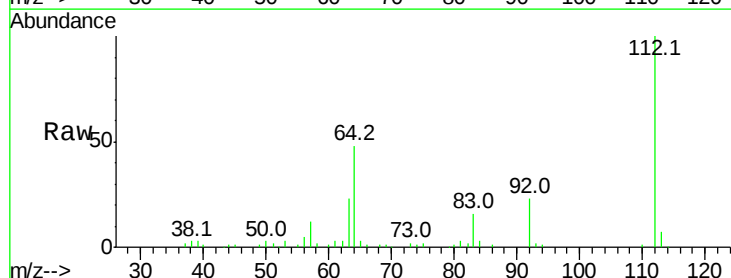
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



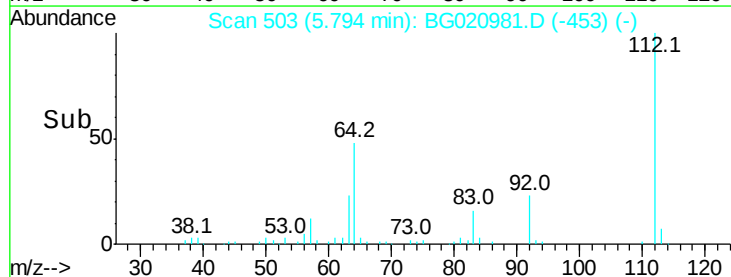
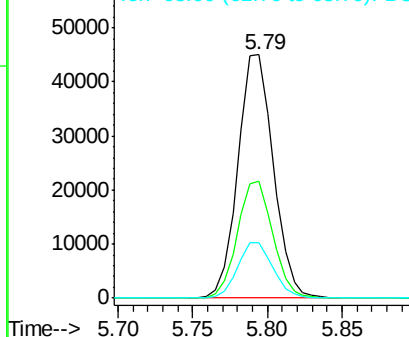
#5

2-Fluorophenol
Concen: 65.57 ng
RT: 5.79 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG020981.D
Acq: 19 Feb 2016 20:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.9	39.3	58.9
63	22.7	18.2	27.4



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: 40.12 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG020981.D

Acq: 19 Feb 2016 20:54

Instrument :

BNA_G

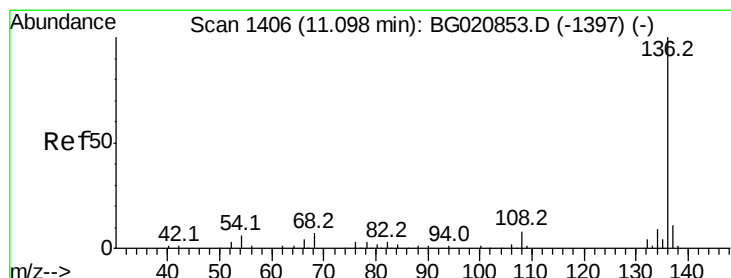
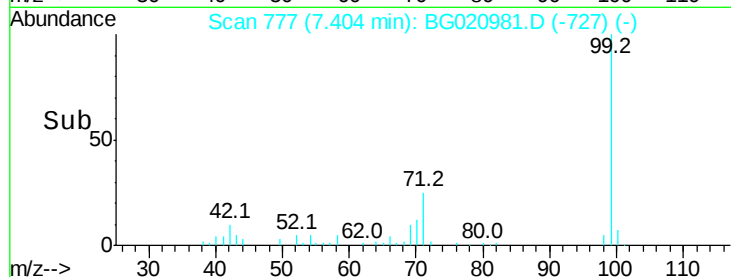
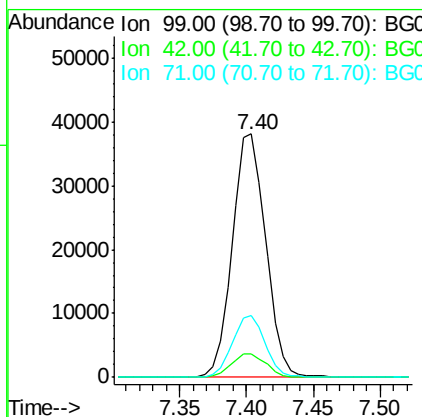
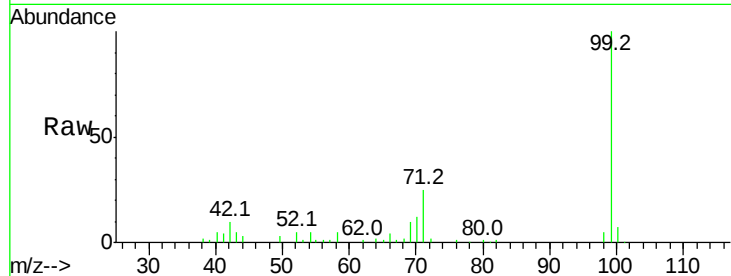
ClientSampleId :

MW-5

Tot Ion:	99	Resp:	66318
Ion Ratio	Lower	Upper	
99	100		
42	9.9	8.4	12.6
71	25.5	19.4	29.0

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#21

Naphthalene-d8

Concen: 20.00 ng

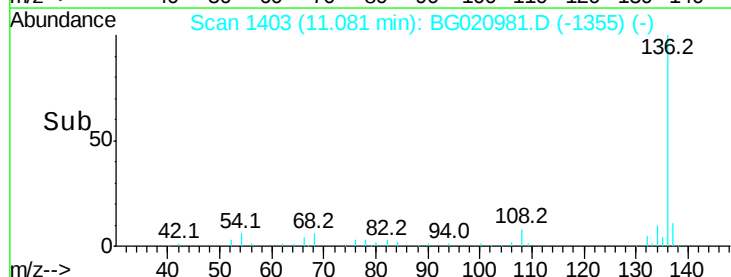
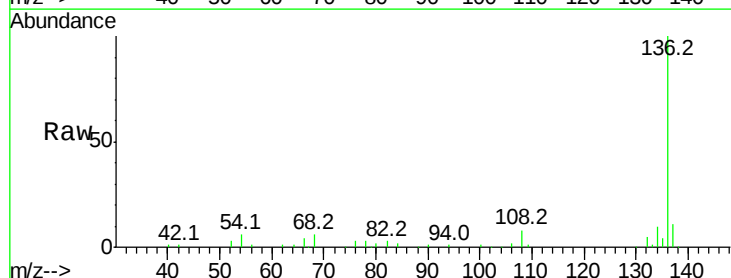
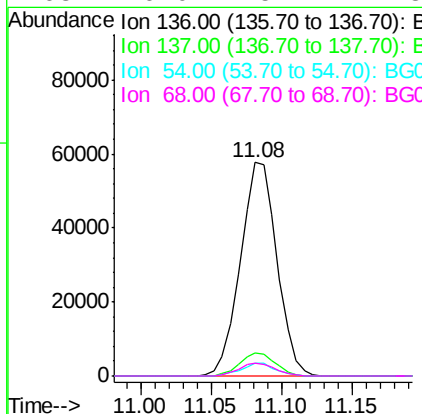
RT: 11.08 min Scan# 1403

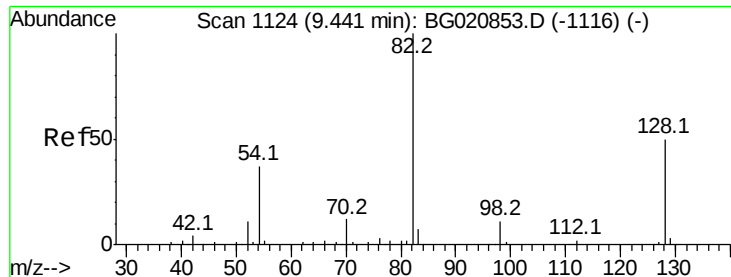
Delta R.T. -0.02 min

Lab File: BG020981.D

Acq: 19 Feb 2016 20:54

Tgt Ion:	136	Resp:	104321
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.8	13.2
54	5.8	5.0	7.4
68	6.0	5.2	7.8





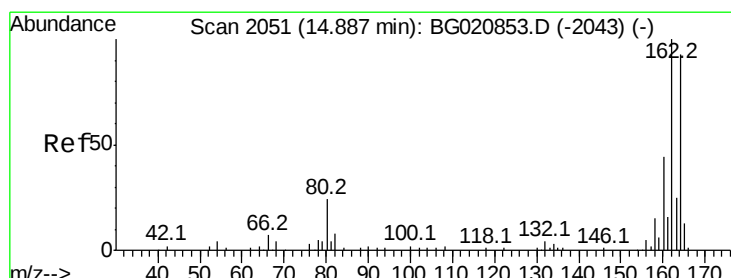
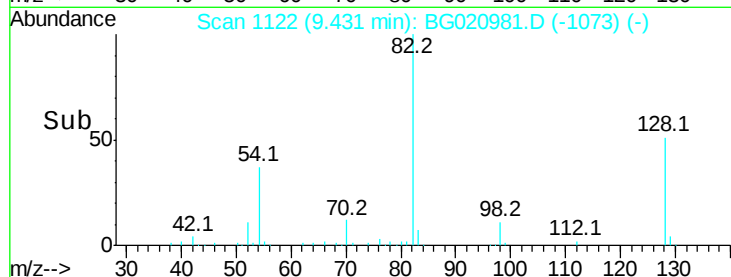
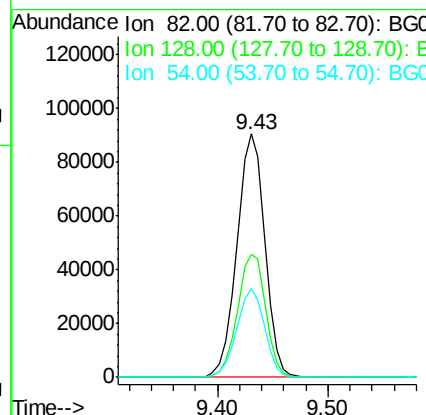
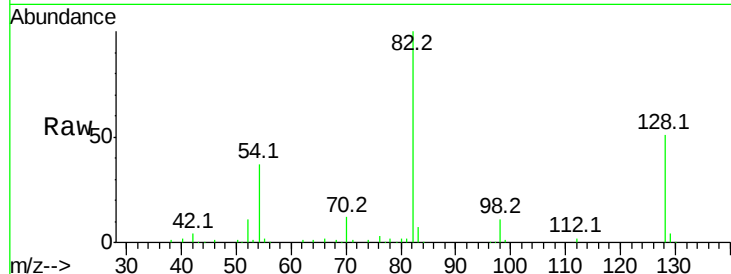
#23
Nitrobenzene-d5
Concen: 101.56 ng
RT: 9.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG020981.D
Acq: 19 Feb 2016 20:54

Instrument :
BNA_G
ClientSampleId :
MW-5

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.6	40.1	60.1
54	36.6	29.5	44.3

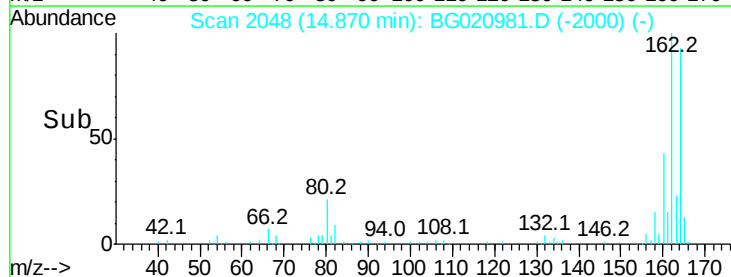
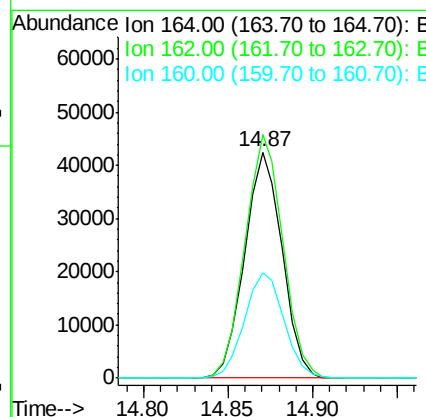
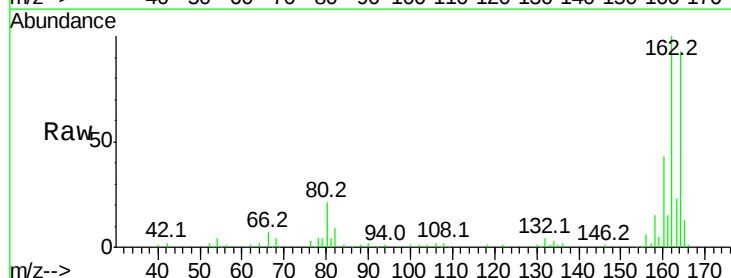
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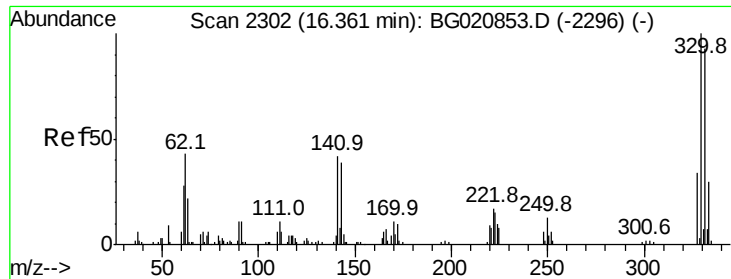
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG020981.D
Acq: 19 Feb 2016 20:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.9	85.7	128.5
160	46.7	37.4	56.0





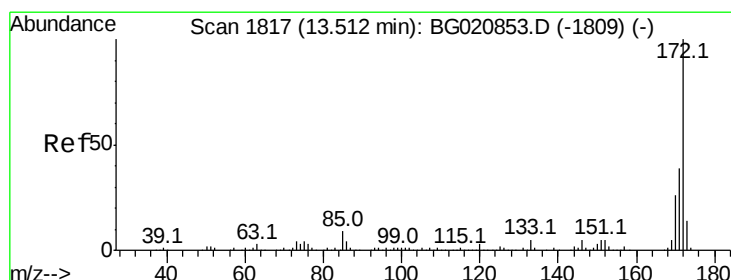
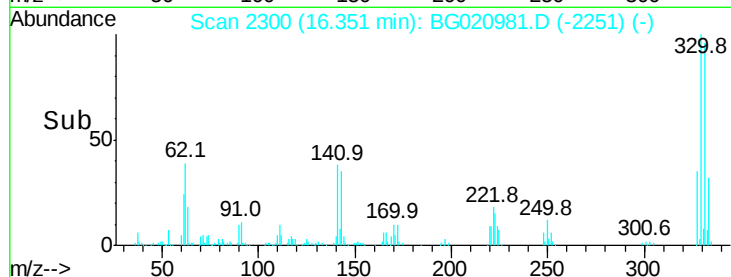
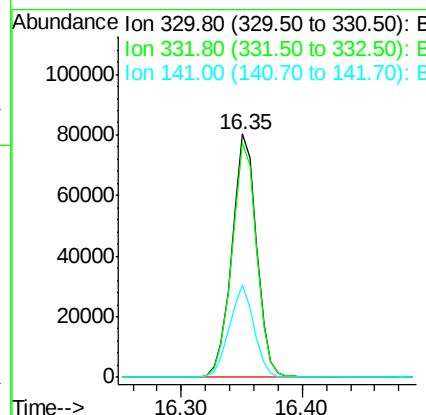
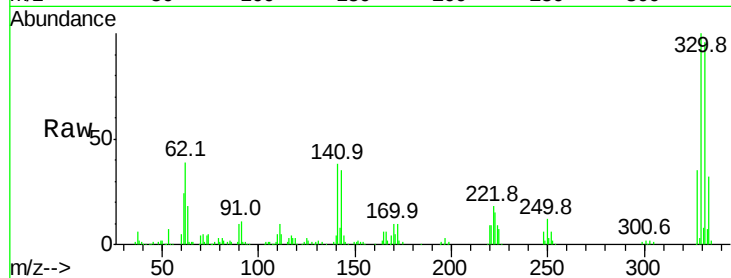
#41
 2,4,6-Tribromophenol
 Concen: 178.35 ng
 RT: 16.35 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BG020981.D
 Acq: 19 Feb 2016 20:54

Instrument :
 BNA_G
 ClientSampled :
 MW-5

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	76.1	114.1	
141	37.8	32.0	48.0	

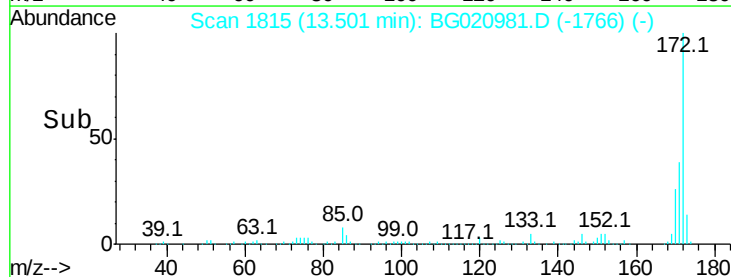
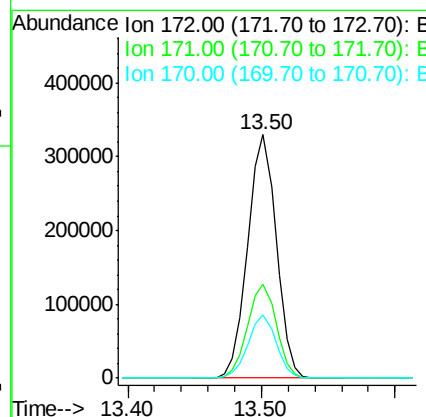
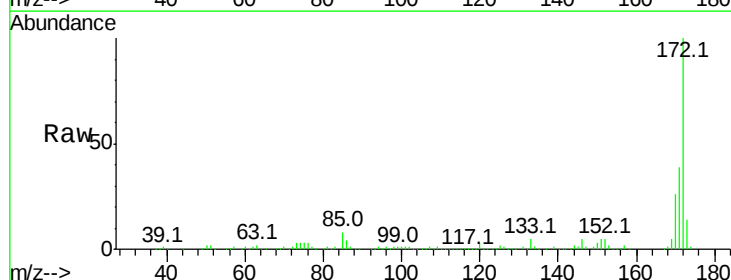
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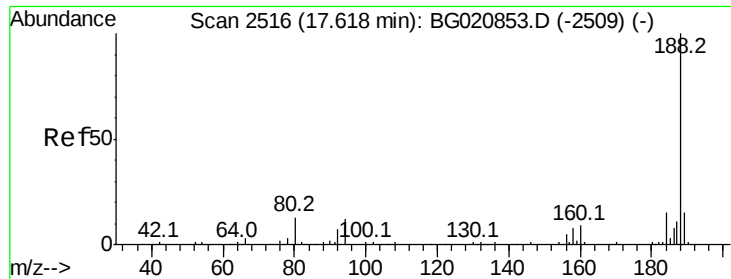
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#44
 2-Fluorobiphenyl
 Concen: 104.67 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020981.D
 Acq: 19 Feb 2016 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	38.8	31.2	46.8	
170	26.0	20.6	30.8	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.61 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BG020981.D

Acq: 19 Feb 2016 20:54

Instrument :

BNA_G

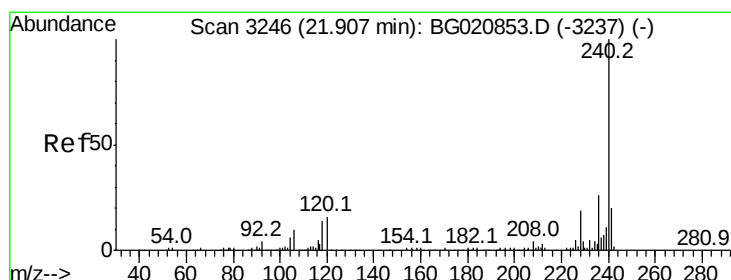
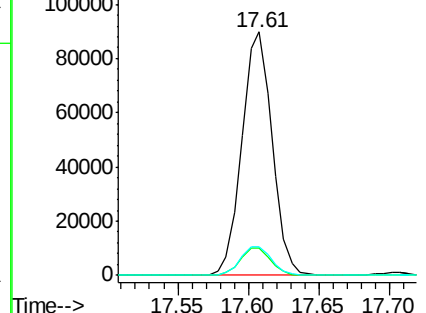
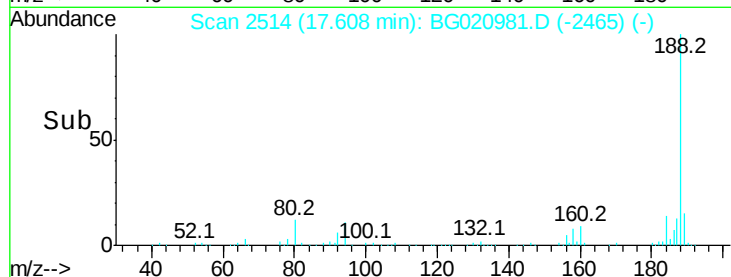
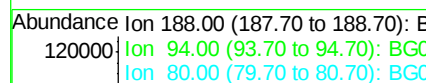
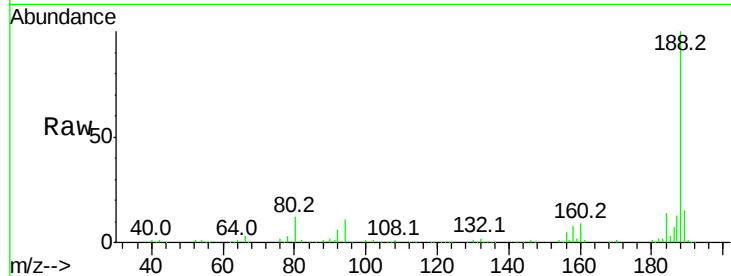
ClientSampleId :

MW-5

Tot Ion:188	Resp: 134149
Ion Ratio	Lower Upper
188 100	
94 11.0	9.4 14.0
80 11.8	10.2 15.4

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#75

Chrysene-d12

Concen: 20.00 ng

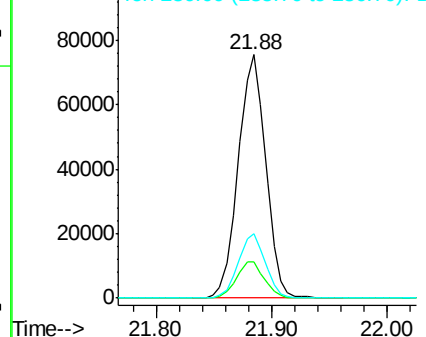
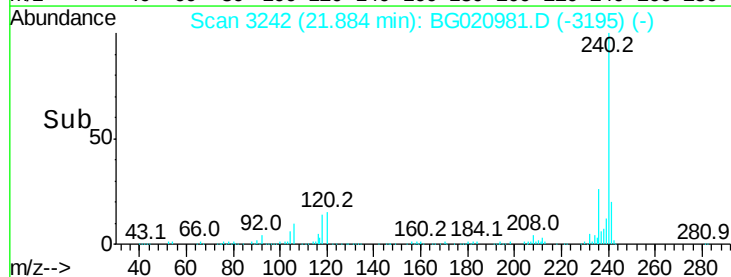
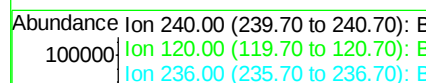
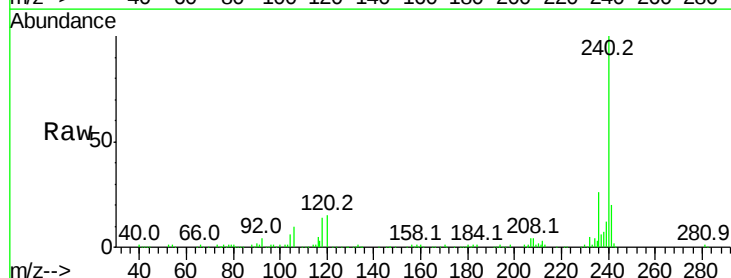
RT: 21.88 min Scan# 3242

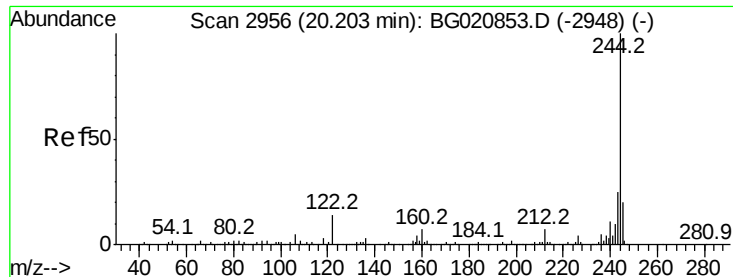
Delta R.T. -0.02 min

Lab File: BG020981.D

Acq: 19 Feb 2016 20:54

Tgt Ion:240	Resp: 124523
Ion Ratio	Lower Upper
240 100	
120 14.7	13.0 19.4
236 26.2	21.0 31.4





#78

Terphenyl-d14

Concen: 93.39 ng

RT: 20.19 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG020981.D

Acq: 19 Feb 2016 20:54

Instrument :

BNA_G

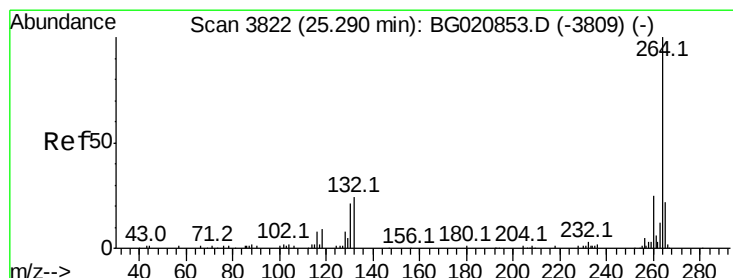
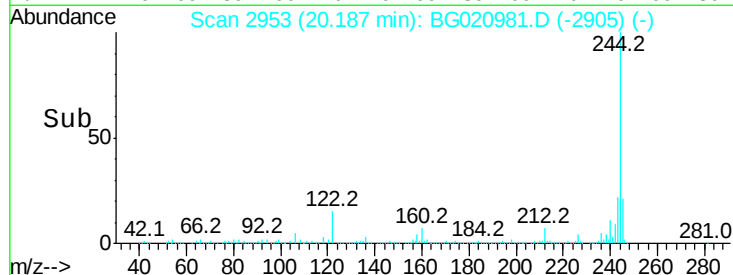
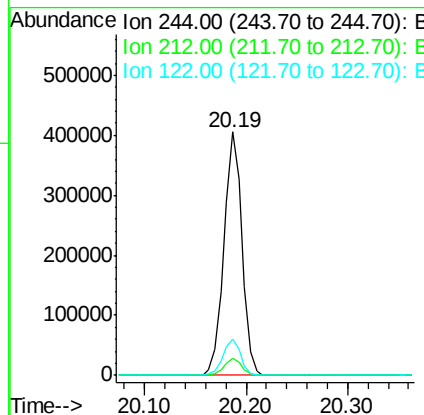
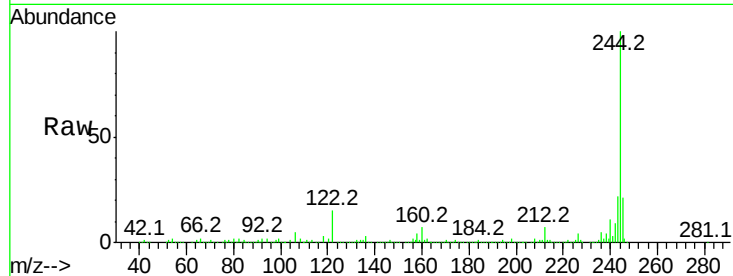
ClientSampled :

MW-5

Tot Ion:	244	Resp:	498521
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.5	8.3
122	14.8	11.4	17.2

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#86

Perylene-d12

Concen: 20.00 ng

RT: 25.25 min Scan# 3815

Delta R.T. -0.04 min

Lab File: BG020981.D

Acq: 19 Feb 2016 20:54

Tgt Ion:	264	Resp:	118540
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.9	29.9
265	21.8	18.0	27.0

