

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042015\
 Data File : BG016576.D
 Acq On : 21 Apr 2015 8:11
 Operator : TP/IZ
 Sample : G1932-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-31

Manual Integrations
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Quant Time: Apr 21 15:39:56 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	82078	20.00	ng	-0.02
21) Naphthalene-d8	10.44	136	377767	20.00	ng	-0.03
38) Acenaphthene-d10	14.29	164	224009	20.00	ng	-0.03
63) Phenanthrene-d10	17.04	188	435052	20.00	ng	-0.03
75) Chrysene-d12	21.21	240	368162	20.00	ng	-0.03
86) Perylene-d12	23.43	264	352375	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	242916	46.71	ng	-0.02
7) Phenol-d6	6.84	99	238507	30.55	ng	-0.02
23) Nitrobenzene-d5	8.81	82	423084	64.88	ng	-0.03
41) 2,4,6-Tribromophenol	15.79	330	161042	106.30	ng	-0.02
44) 2-Fluorobiphenyl	12.91	172	960710	73.02	ng	-0.03
78) Terphenyl-d14	19.66	244	937332	59.59	ng	-0.03
Target Compounds						
31) Naphthalene	10.48	128	59101	3.00	ng	Qvalue # 95
32) Benzoic acid	9.95	122	831322m	180.85	ng	
37) 2-Methylnaphthalene	12.10	142	84547	5.97	ng	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	45494	2.67	ng	99

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

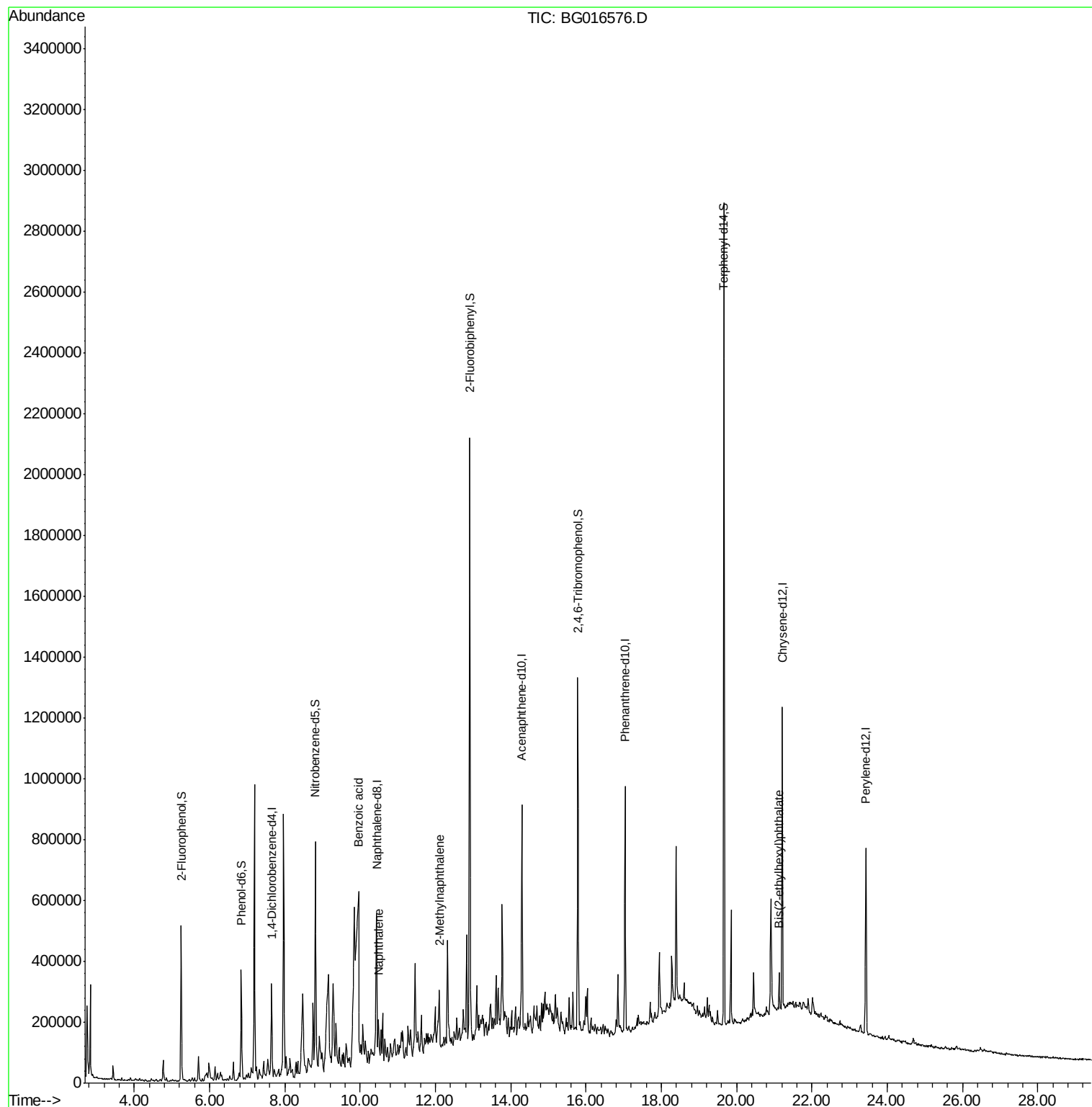
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042015\
Data File : BG016576.D
Acq On : 21 Apr 2015 8:11
Operator : TP/IZ
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Misc :
ALS Vial : 27 Sample Multiplier: 1

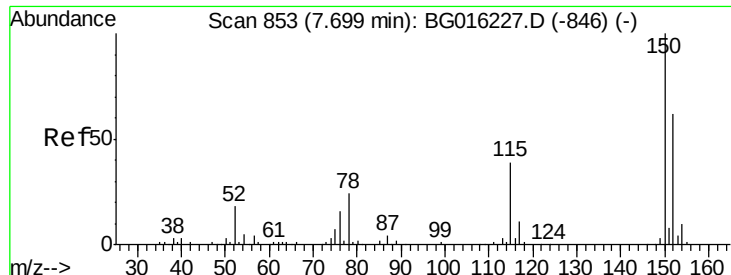
Instrument :
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ClientSampleId :
MW-31

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Quant Time: Apr 21 15:39:56 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

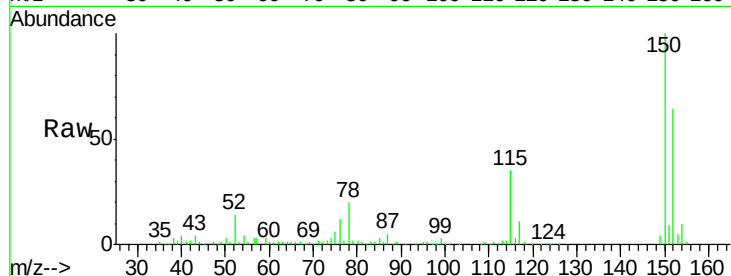
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.65 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG016576.D
Acq: 21 Apr 2015 8:11

Instrument :
BNA_G
ClientSampleId :
MW-31

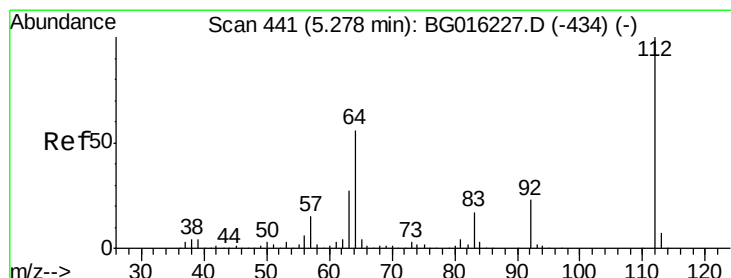
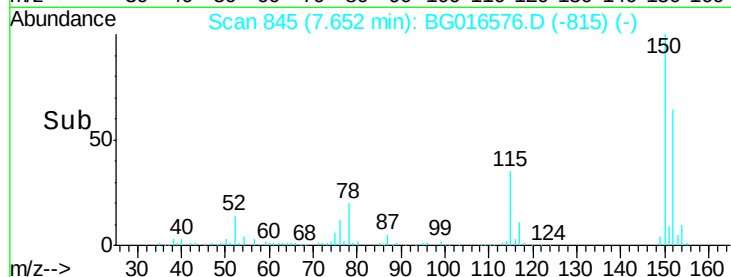
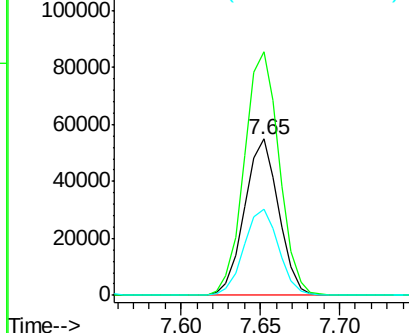
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	130.1	195.1
115	55.2	50.5	75.7

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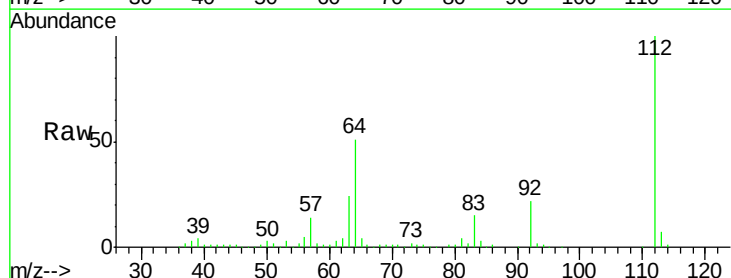
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



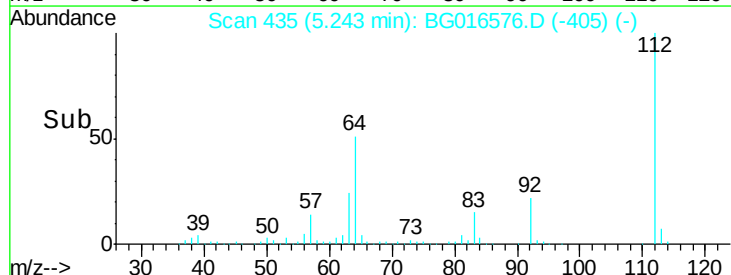
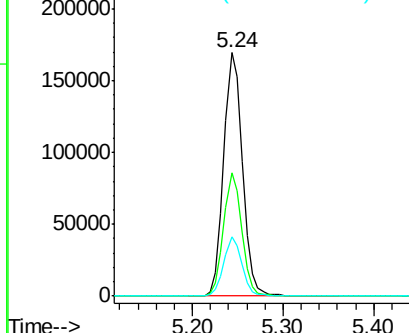
#5

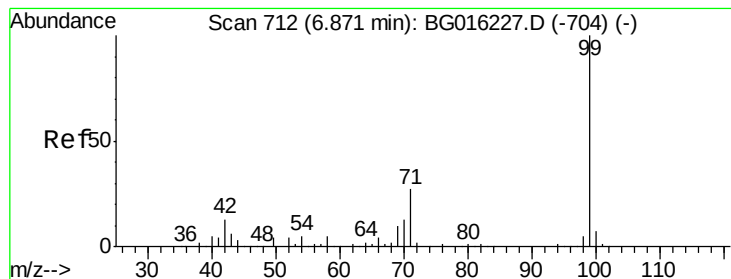
2-Fluorophenol
Concen: 46.71 ng
RT: 5.24 min Scan# 435
Delta R.T. -0.02 min
Lab File: BG016576.D
Acq: 21 Apr 2015 8:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.9	44.5	66.7
63	24.2	21.4	32.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 30.55 ng

RT: 6.84 min Scan# 707

Delta R.T. -0.02 min

Lab File: BG016576.D

Acq: 21 Apr 2015 8:11

Instrument :

BNA_G

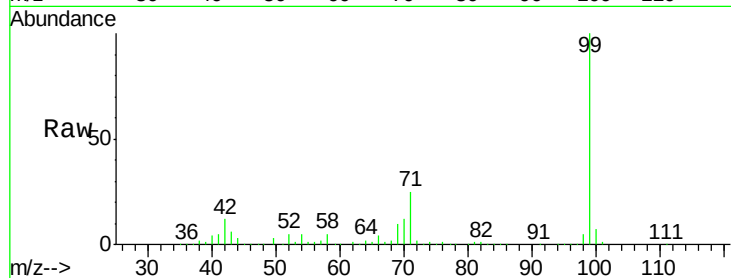
ClientSampleId :

MW-31

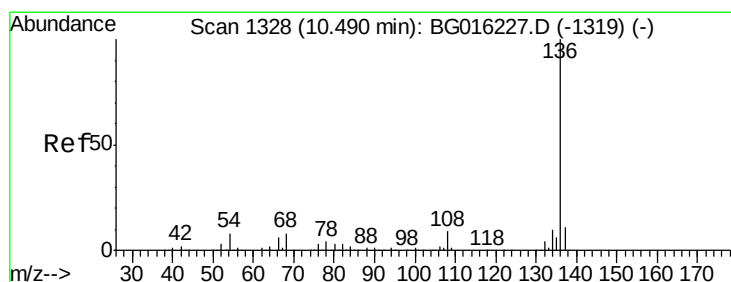
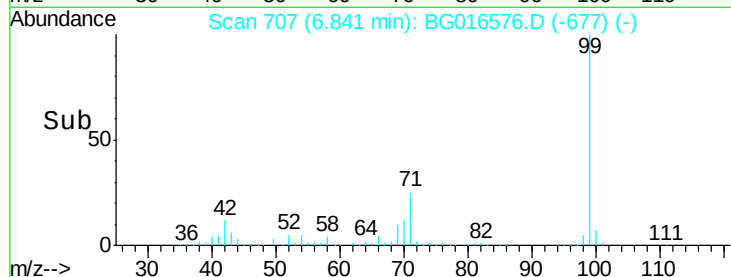
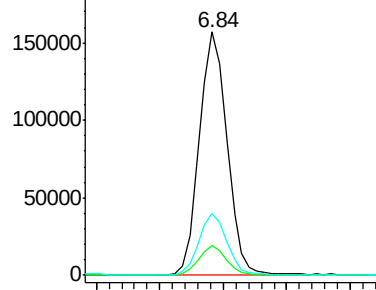
Tot Ion:	99	Resp:	238507
Ion Ratio	Lower	Upper	
99	100		
42	12.2	10.0	15.0
71	25.5	21.5	32.3

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.44 min Scan# 1319

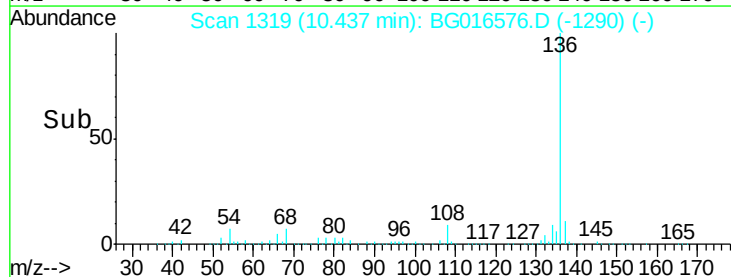
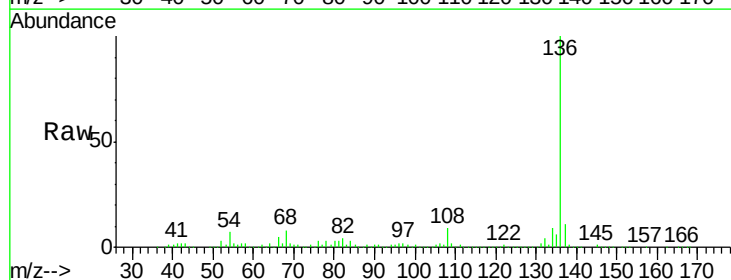
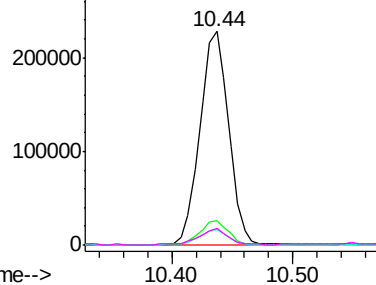
Delta R.T. -0.03 min

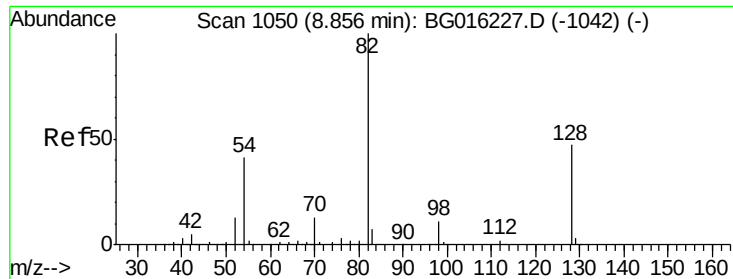
Lab File: BG016576.D

Acq: 21 Apr 2015 8:11

Tgt Ion:	136	Resp:	377767
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.7	13.1
54	7.1	6.3	9.5
68	7.7	6.5	9.7

Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





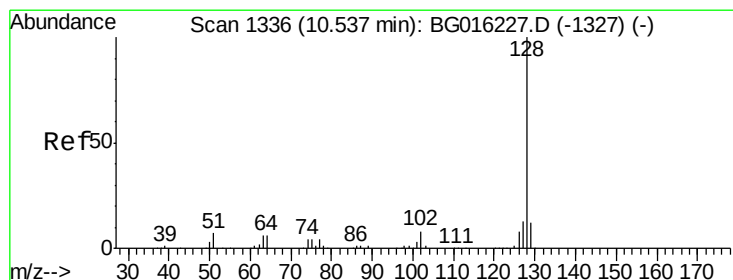
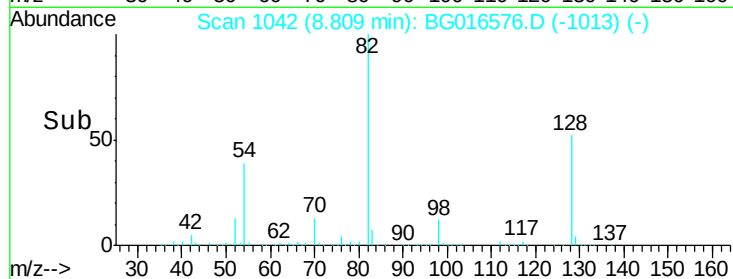
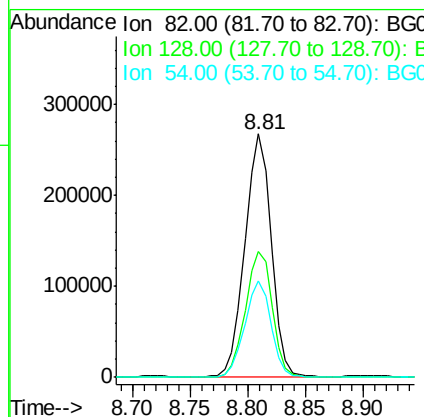
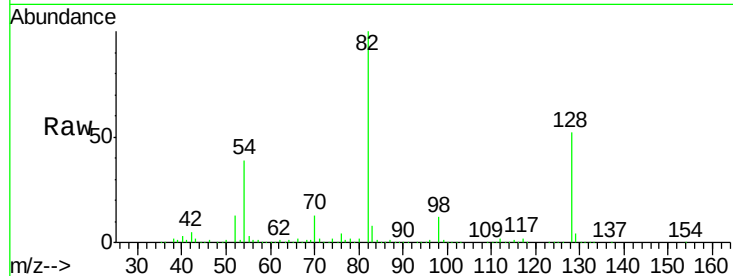
#23
 Nitrobenzene-d5
 Concen: 64.88 ng
 RT: 8.81 min Scan# 1042
 Delta R.T. -0.03 min
 Lab File: BG016576.D
 Acq: 21 Apr 2015 8:11

Instrument :
 BNA_G
 ClientSampled :
 MW-31

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	51.7	37.8	56.8	
54	39.4	32.6	49.0	

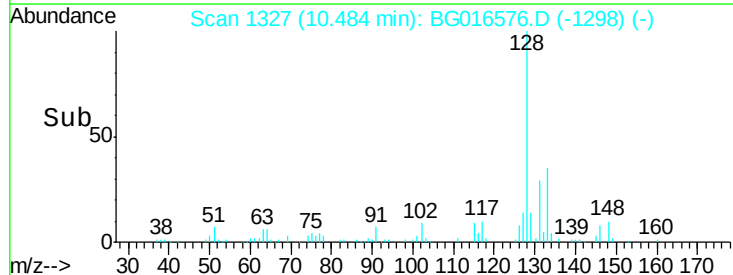
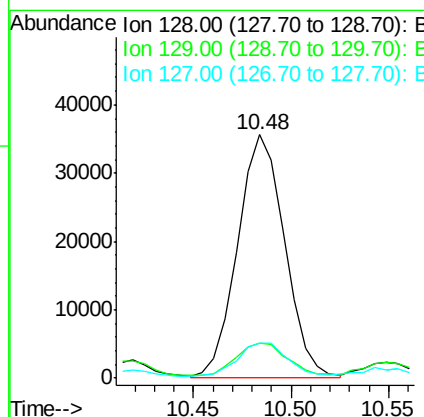
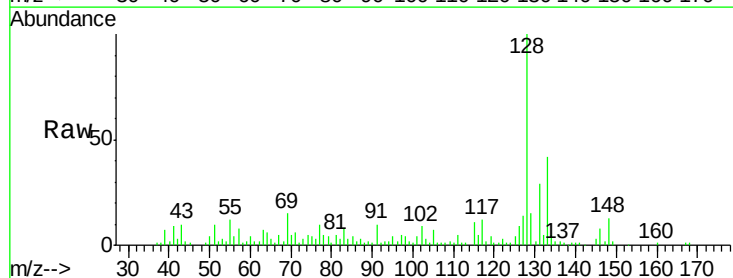
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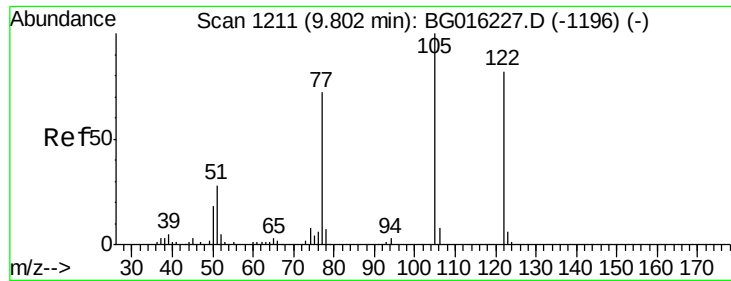
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#31
 Naphthalene
 Concen: 3.00 ng
 RT: 10.48 min Scan# 1327
 Delta R.T. -0.03 min
 Lab File: BG016576.D
 Acq: 21 Apr 2015 8:11

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	14.6	9.2	13.8#	
127	14.4	10.6	16.0	





#32

Benzoic acid

Concen: 180.85 ng/mL

RT: 9.95 min Scan# 1236

Delta R.T. 0.16 min

Lab File: BG016576.D

Acq: 21 Apr 2015 8:11

Instrument :

BNA_G

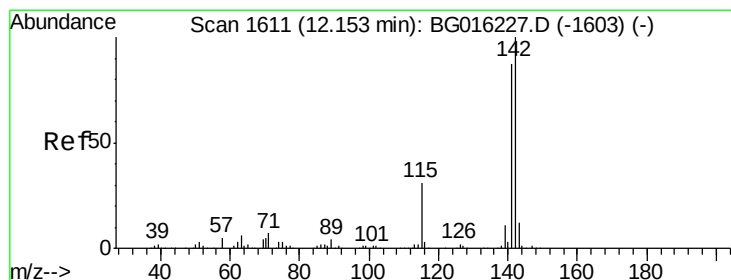
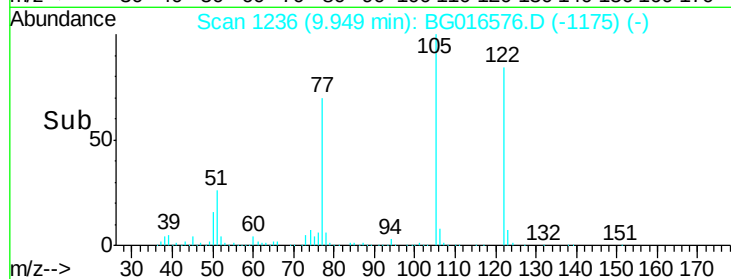
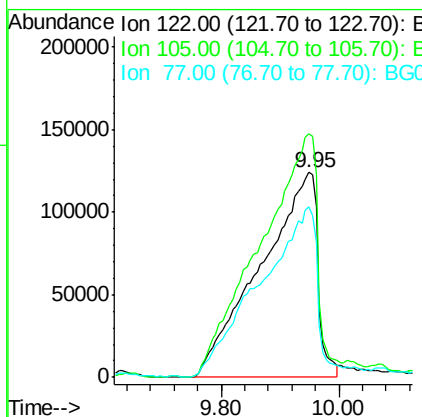
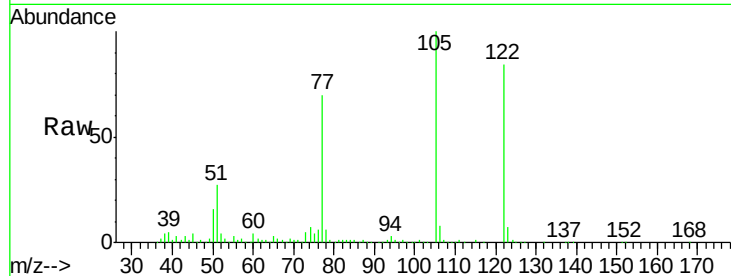
ClientSampleId :

MW-31

Tot Ion:	122	Resp:	831322
Ion Ratio	Lower	Upper	
122	100		
105	118.7	99.7	139.7
77	83.0	66.8	106.8

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#37

2-Methylnaphthalene

Concen: 5.97 ng/mL

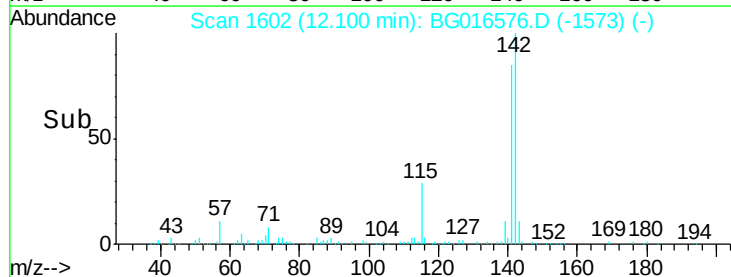
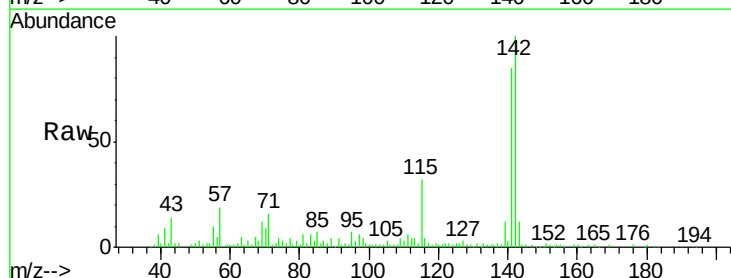
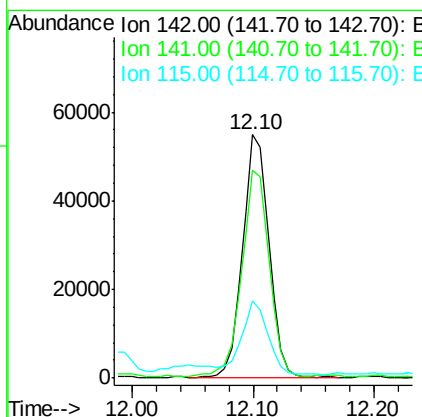
RT: 12.10 min Scan# 1602

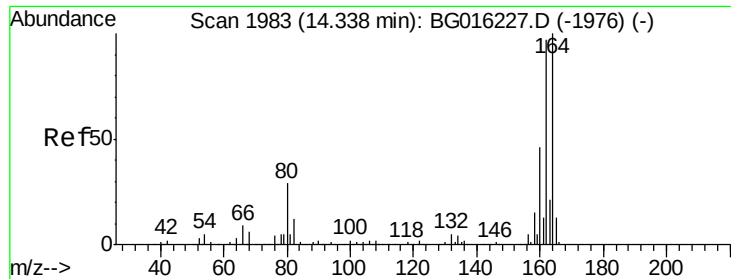
Delta R.T. -0.03 min

Lab File: BG016576.D

Acq: 21 Apr 2015 8:11

Tgt Ion:	142	Resp:	84547
Ion Ratio	Lower	Upper	
142	100		
141	85.3	69.3	103.9
115	31.7	25.0	37.6





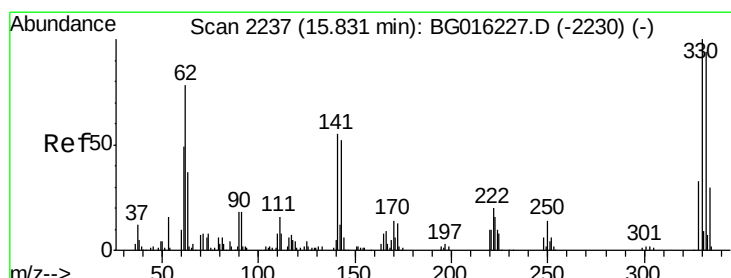
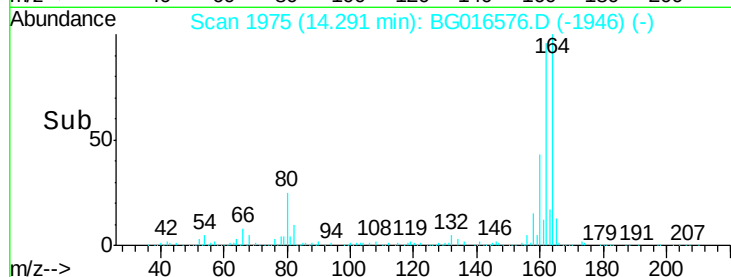
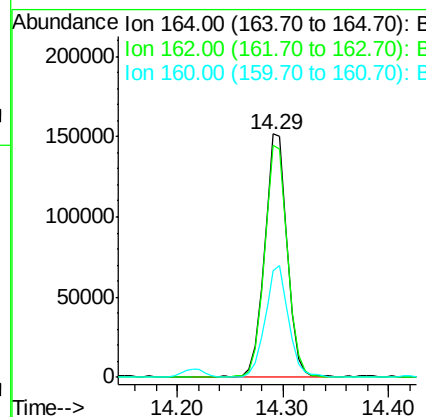
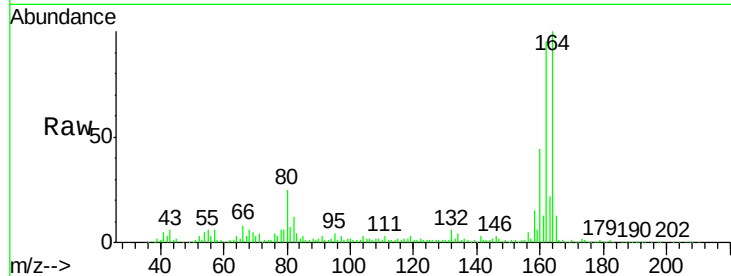
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.29 min Scan# 1975
Delta R.T. -0.03 min
Lab File: BG016576.D
Acq: 21 Apr 2015 8:11

Instrument :
BNA_G
ClientSampleId :
MW-31

Tot Ion	Ratio	Resp	Lower	Upper
164	100	224009		
162	95.1		77.3	115.9
160	44.0		36.7	55.1

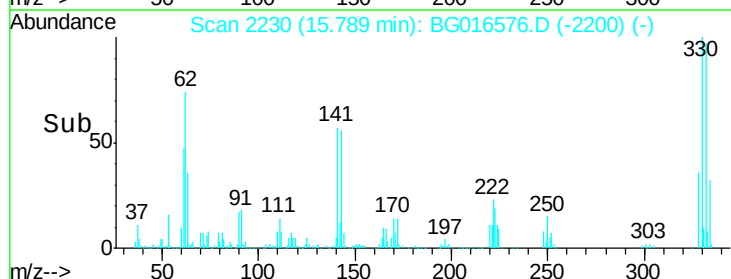
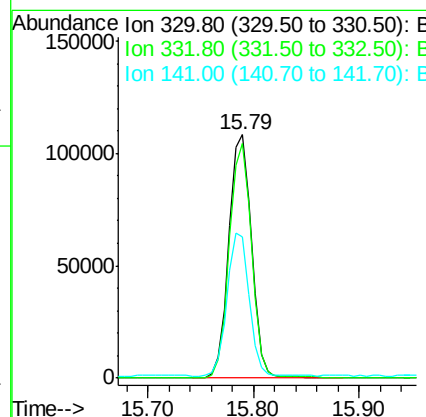
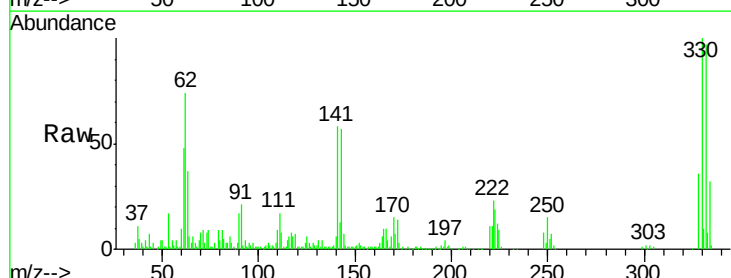
Manual Integrations
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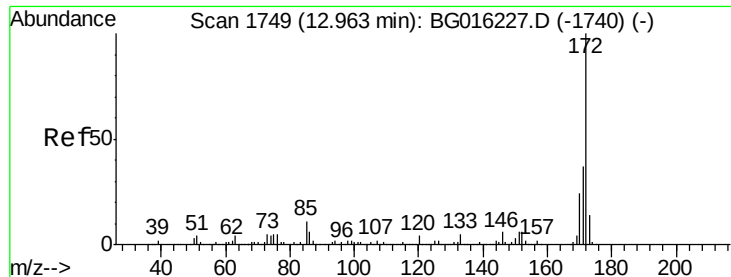
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#41
2,4,6-Tribromophenol
Concen: 106.30 ng
RT: 15.79 min Scan# 2230
Delta R.T. -0.02 min
Lab File: BG016576.D
Acq: 21 Apr 2015 8:11

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	161042		
332	95.0		75.8	113.6
141	57.1		46.6	69.8





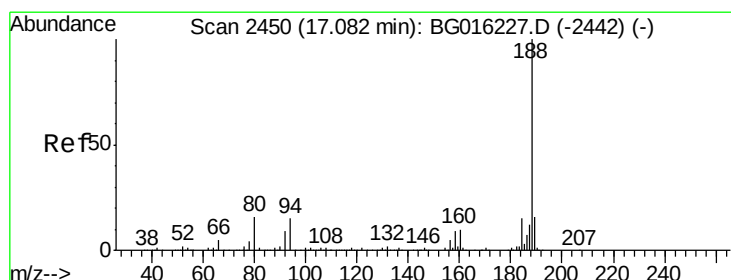
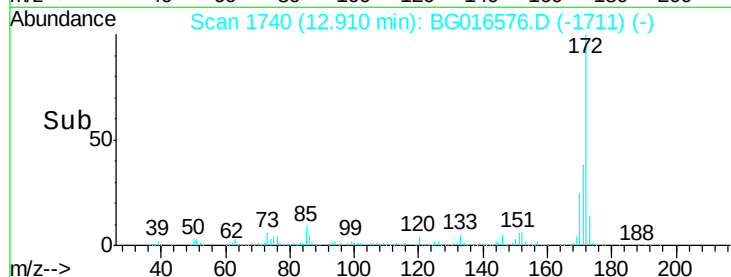
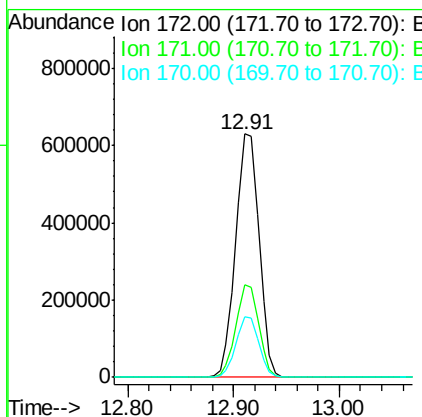
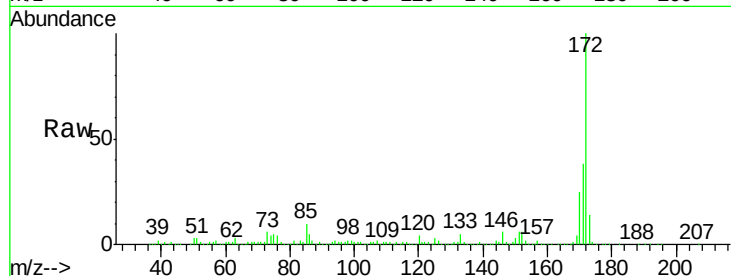
#44
2-Fluorobiphenyl
Concen: 73.02 ng
RT: 12.91 min Scan# 1740
Delta R.T. -0.03 min
Lab File: BG016576.D
Acq: 21 Apr 2015 8:11

Instrument :
BNA_G
ClientSampleId :
MW-31

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.6	44.4
170	24.7	19.4	29.2

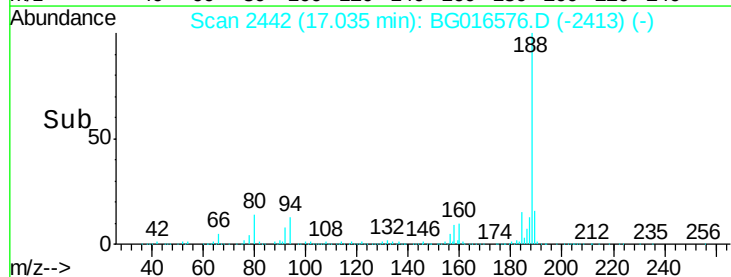
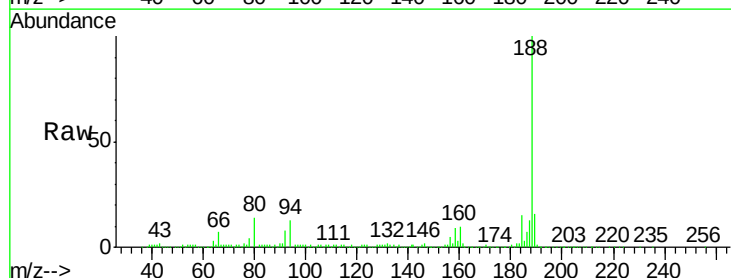
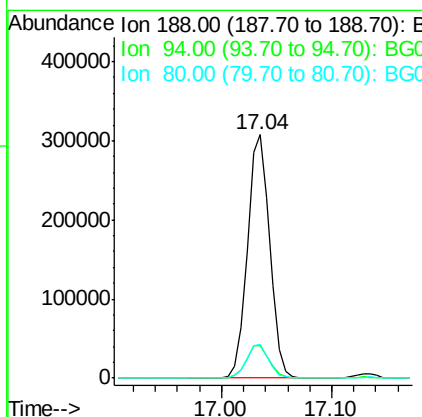
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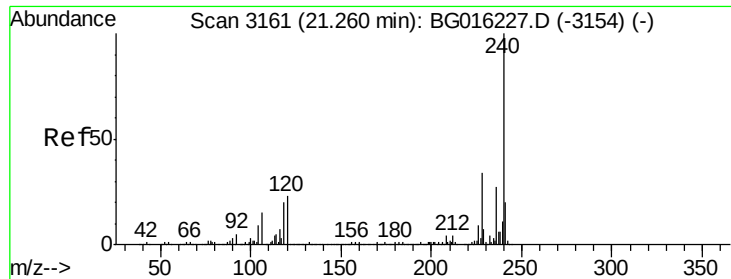
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2442
Delta R.T. -0.03 min
Lab File: BG016576.D
Acq: 21 Apr 2015 8:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.4	12.2	18.4
80	13.8	12.8	19.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.21 min Scan# 3153

Delta R.T. -0.03 min

Lab File: BG016576.D

Acq: 21 Apr 2015 8:11

Instrument :

BNA_G

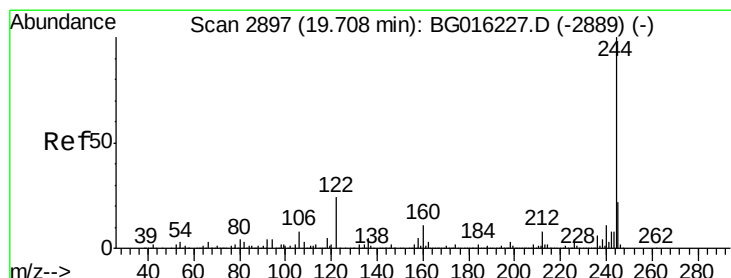
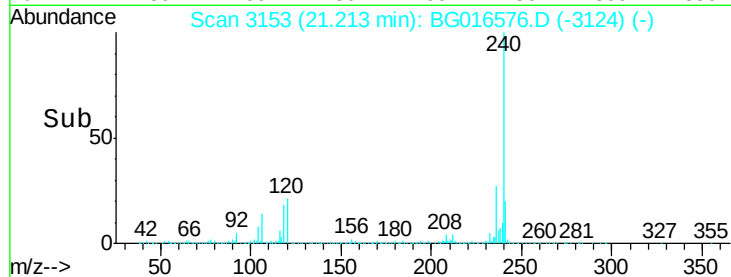
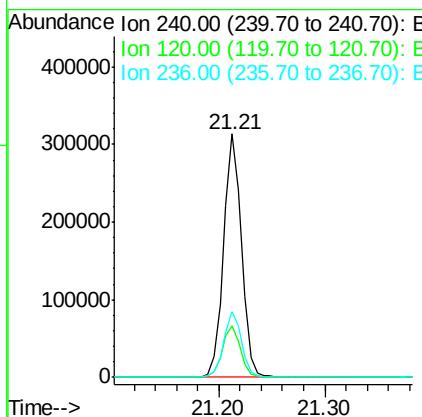
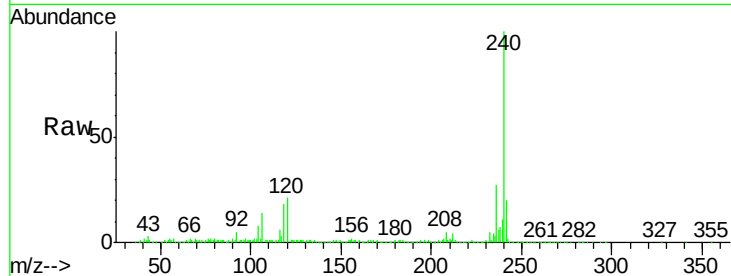
ClientSampleId :

MW-31

Tot Ion:	240	Resp:	368162
Ion Ratio	Lower	Upper	
240	100		
120	21.4	18.6	28.0
236	27.2	21.7	32.5

Manual Integrations
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#78

Terphenyl-d14

Concen: 59.59 ng

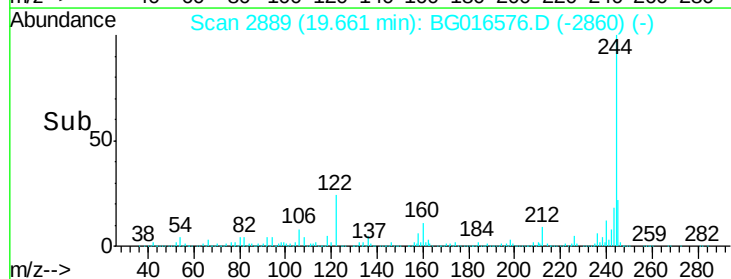
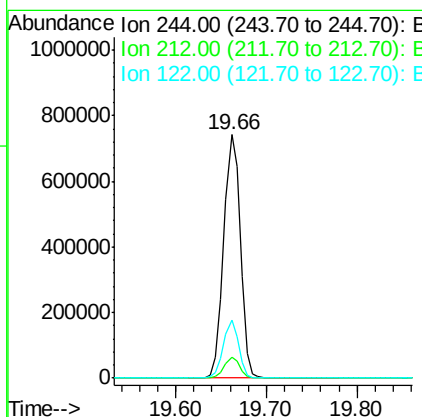
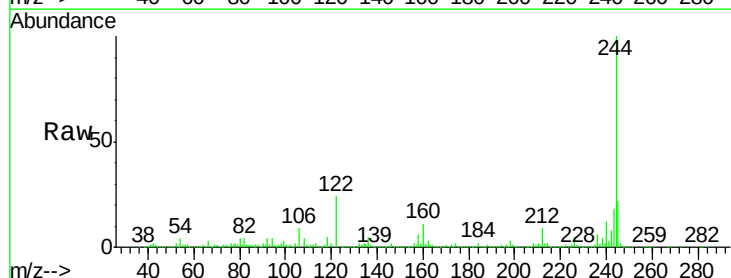
RT: 19.66 min Scan# 2889

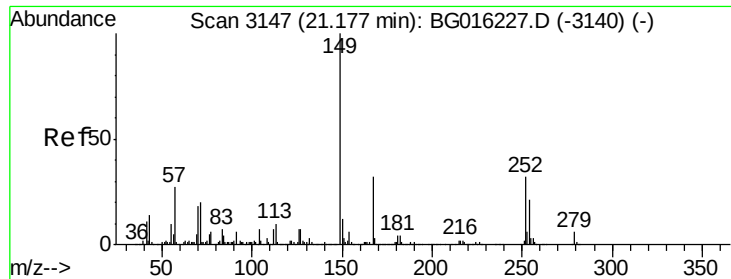
Delta R.T. -0.03 min

Lab File: BG016576.D

Acq: 21 Apr 2015 8:11

Tgt Ion:	244	Resp:	937332
Ion Ratio	Lower	Upper	
244	100		
212	8.7	6.6	9.8
122	23.6	19.1	28.7





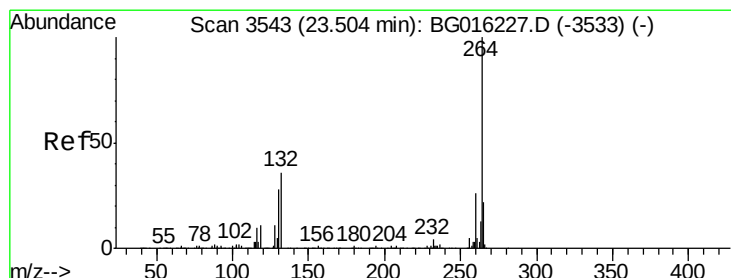
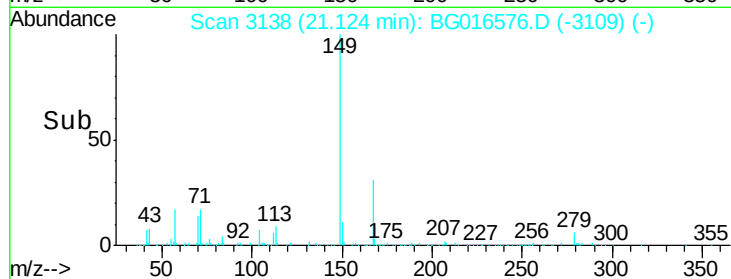
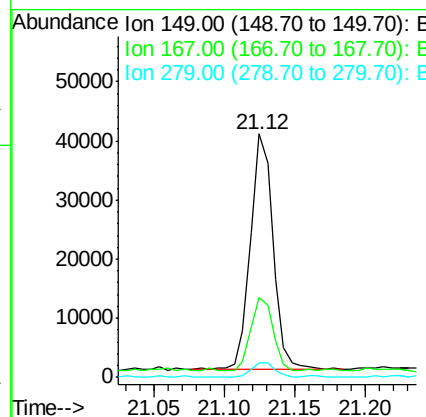
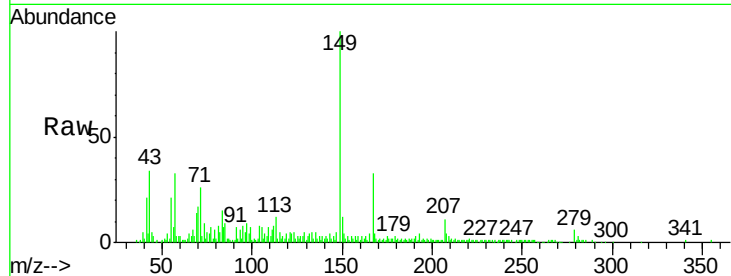
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.67 ng
 RT: 21.12 min Scan# 3138
 Delta R.T. -0.03 min
 Lab File: BG016576.D
 Acq: 21 Apr 2015 8:11

Instrument :
 BNA_G
 ClientSampled :
 MW-31

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	33.0	25.8	38.6	
279	6.1	4.7	7.1	

Manual Integrations
 APPROVED

apatel
 4/21/2015 5:06:04 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.43 min Scan# 3531
 Delta R.T. -0.03 min
 Lab File: BG016576.D
 Acq: 21 Apr 2015 8:11

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.8	20.4	30.6	
265	21.6	17.2	25.8	

