

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
 Data File : BG020864.D
 Acq On : 11 Feb 2016 20:07
 Operator : SJ/UM
 Sample : G4825-03
 Misc : LOD 5PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2016-01

Manual Integrations
 APPROVED

Sohil
 2/12/2016 4:44:07 PM

Quant Time: Feb 12 13:26:43 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	8.27	152	22159	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	110632	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	70748	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	151687	20.00	ng	0.00
75) Chrysene-d12	21.90	240	143063	20.00	ng	0.00
86) Perylene-d12	25.28	264	132744	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	173307	131.71	ng	0.00
7) Phenol-d6	7.41	99	245329	127.56	ng	0.00
23) Nitrobenzene-d5	9.44	82	134206	79.76	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	93283	134.08	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	380756	75.60	ng	0.00
78) Terphenyl-d14	20.20	244	518471	84.54	ng	0.00
Target Compounds						
32) Benzoic acid	10.29	122	1530	1.08	ng	Qvalue # 80
53) 2,4-Dinitrophenol	14.98	184	365m	9.07	ng	
76) Benzidine	19.82	184	2502	0.54	ng	99

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

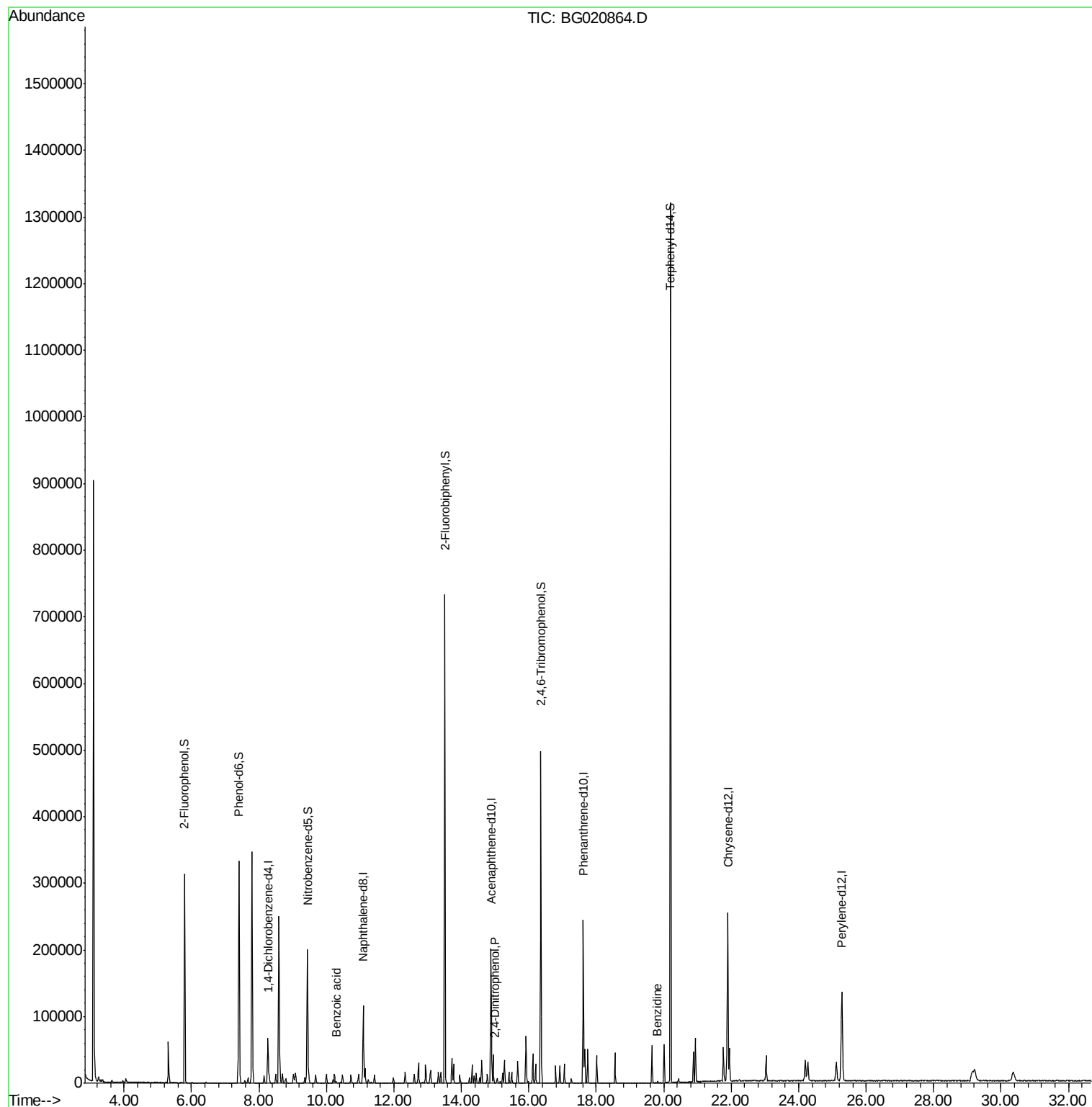
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020864.D
Acq On : 11 Feb 2016 20:07
Operator : SJ/UM
Sample : G4825-03
Misc : LOD 5PPM
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Manual Integrations
APPROVED

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2/12/2016 4:44:07 PM

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QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration





#1

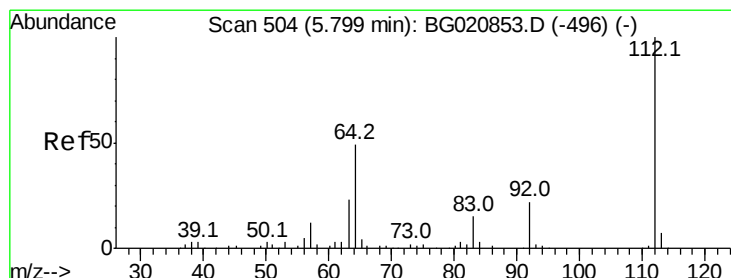
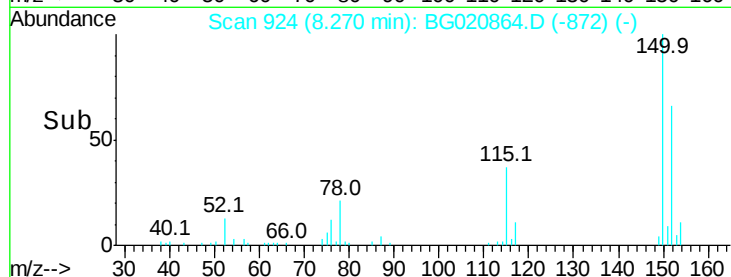
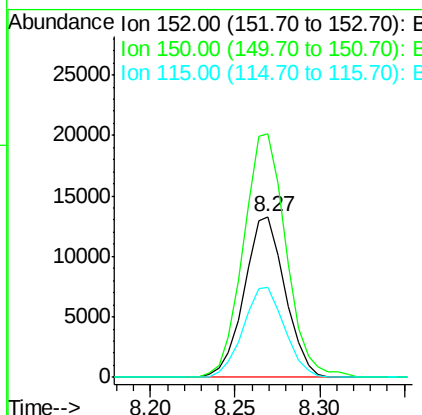
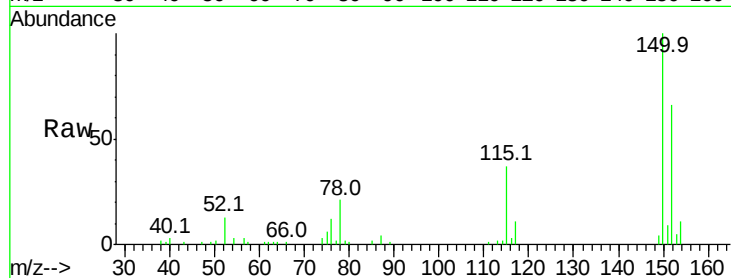
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG020864.D
Acq: 11 Feb 2016 20:07

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	122.0	183.0
115	55.7	45.2	67.8

Manual Integrations
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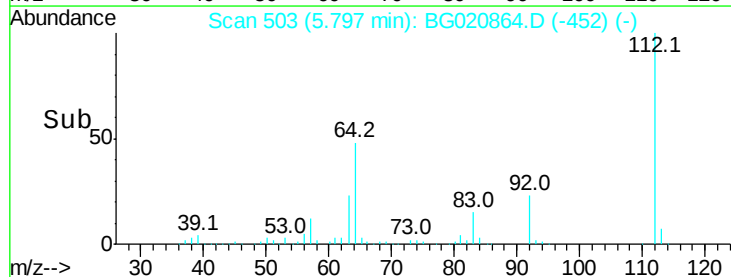
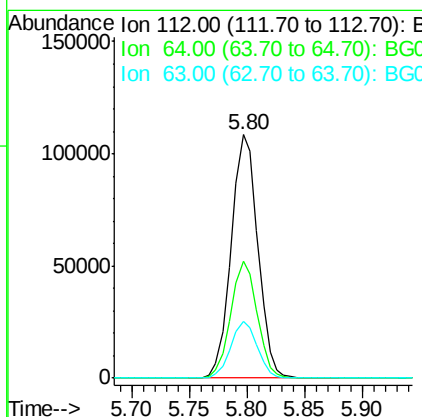
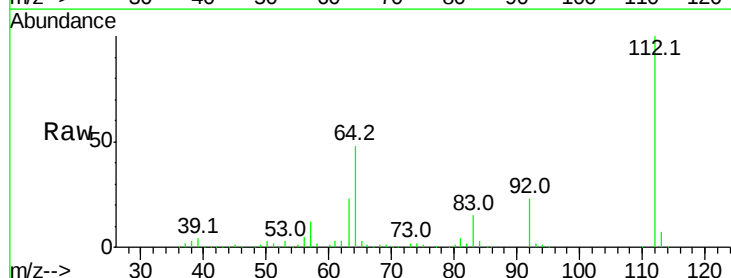
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#5

2-Fluorophenol
Concen: 131.71 ng
RT: 5.80 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG020864.D
Acq: 11 Feb 2016 20:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.2	39.3	58.9
63	23.2	18.2	27.4





#7

Phenol-d6

Concen: 127.56 ng

RT: 7.41 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG020864.D

Acq: 11 Feb 2016 20:07

Instrument :

BNA_G

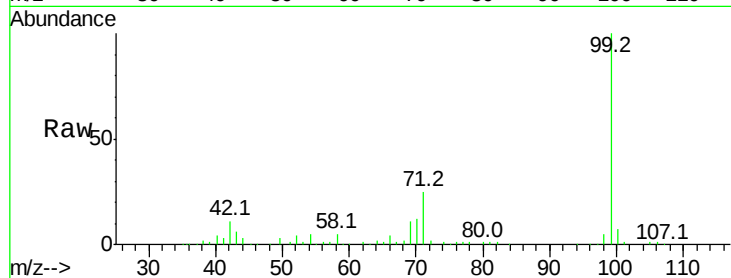
ClientSampleId :

LOD-SOIL2016-01

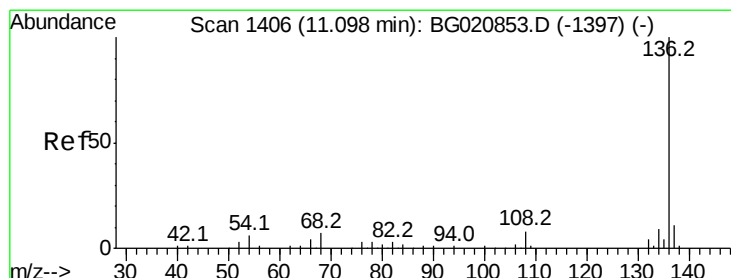
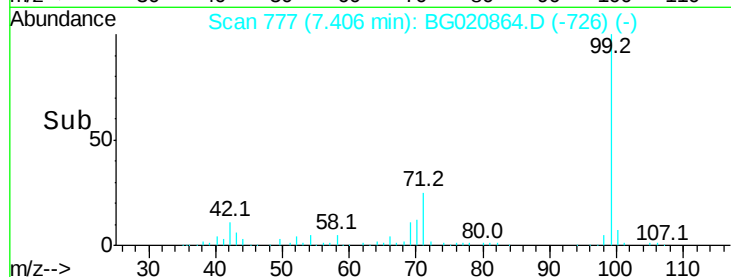
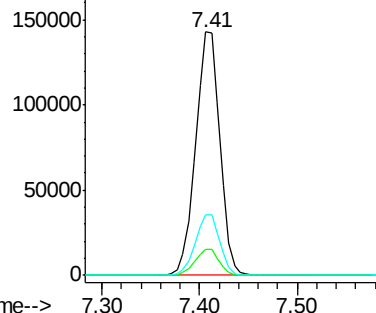
Tot Ion:	99	Resp:	245329
Ion Ratio	Lower	Upper	
99	100		
42	10.7	8.4	12.6
71	24.7	19.4	29.0

Manual Integrations
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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: 11.10 min Scan# 1405

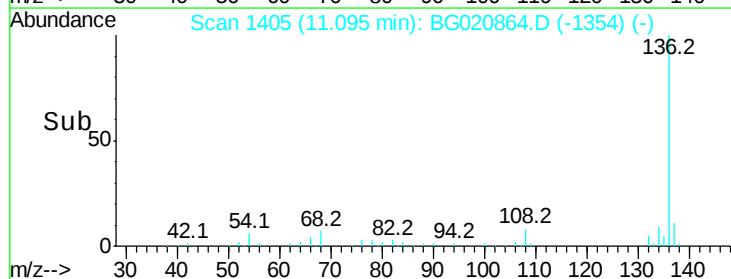
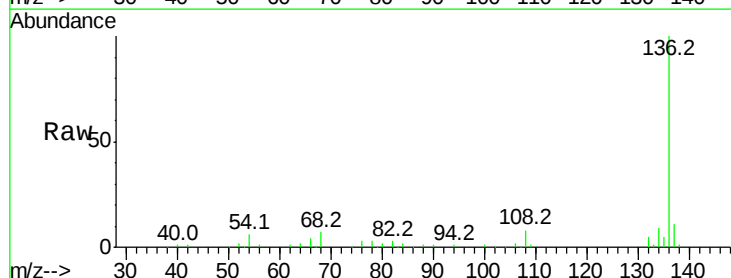
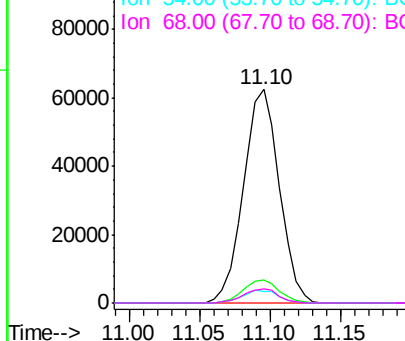
Delta R.T. -0.00 min

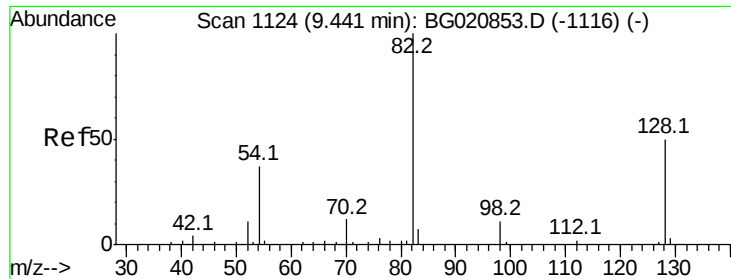
Lab File: BG020864.D

Acq: 11 Feb 2016 20:07

Tgt Ion:	136	Resp:	110632
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	5.7	5.0	7.4
68	6.6	5.2	7.8

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





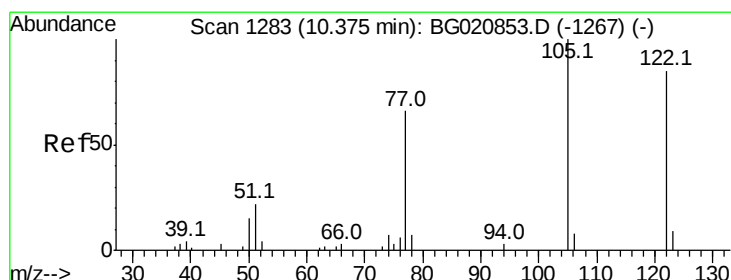
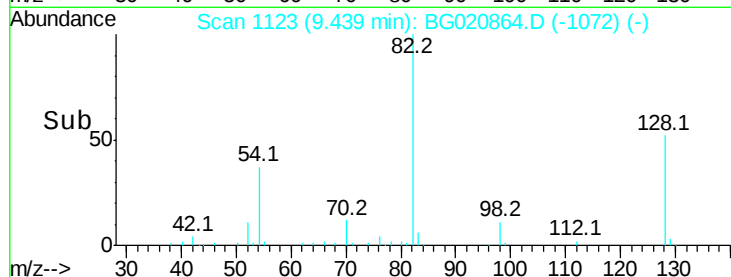
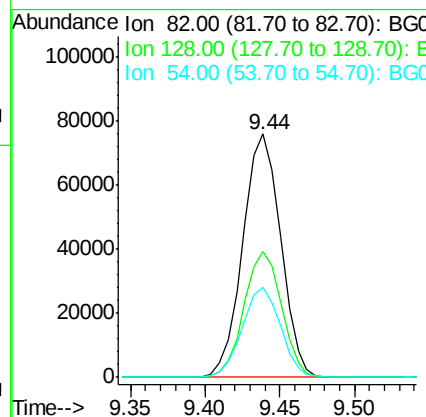
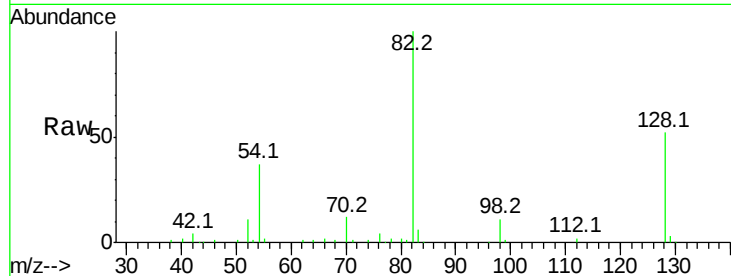
#23
 Nitrobenzene-d5
 Concen: 79.76 ng
 RT: 9.44 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BG020864.D
 Acq: 11 Feb 2016 20:07

Instrument :
 BNA_G
 ClientSampleID :
 LOD-SOIL2016-01

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	51.7	40.1	60.1	
54	37.2	29.5	44.3	

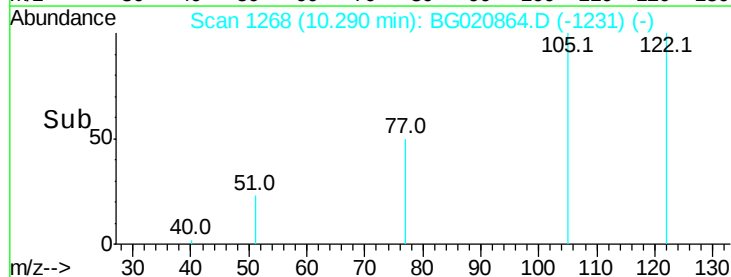
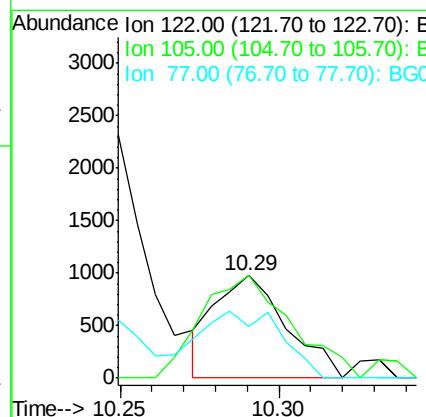
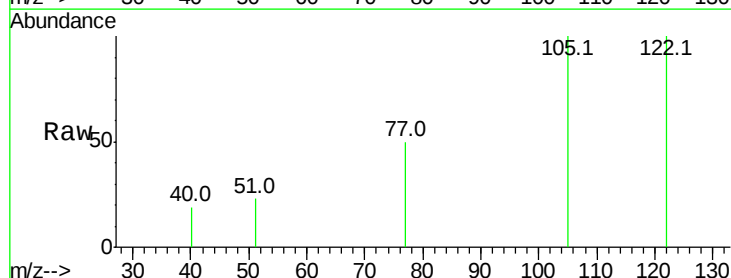
Manual Integrations
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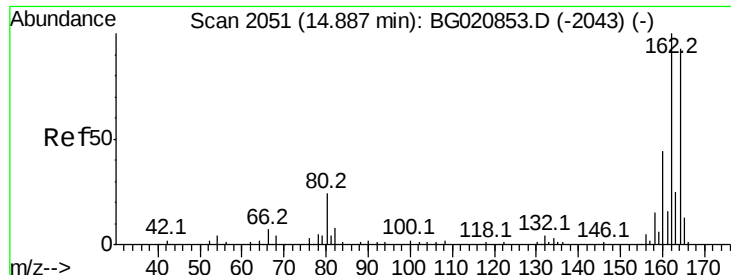
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#32
 Benzoic acid
 Concen: 1.08 ng
 RT: 10.29 min Scan# 1268
 Delta R.T. -0.08 min
 Lab File: BG020864.D
 Acq: 11 Feb 2016 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	100.2	94.0	134.0	
77	50.6	56.8	96.8	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BG020864.D

Acq: 11 Feb 2016 20:07

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2016-01

Tot Ion:164 Resp: 70748

Ion Ratio Lower Upper

164 100

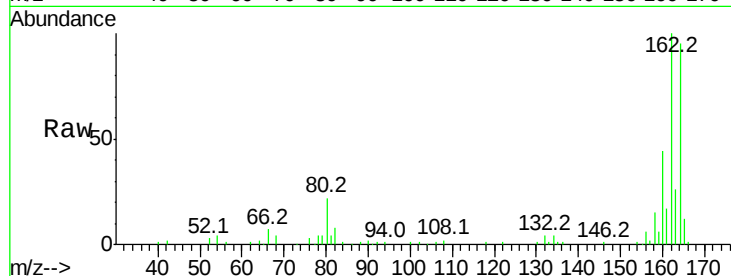
162 105.2 85.7 128.5

160 46.6 37.4 56.0

Manual Integrations
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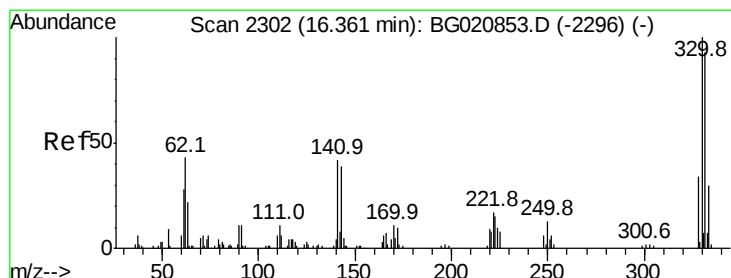
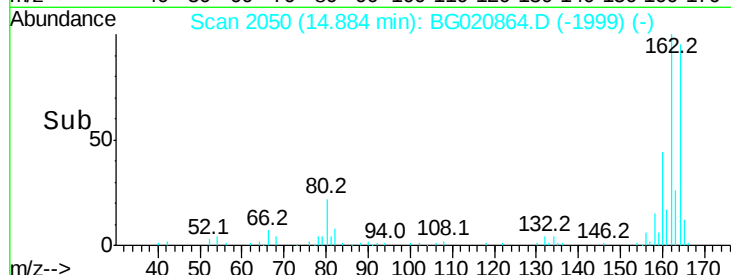
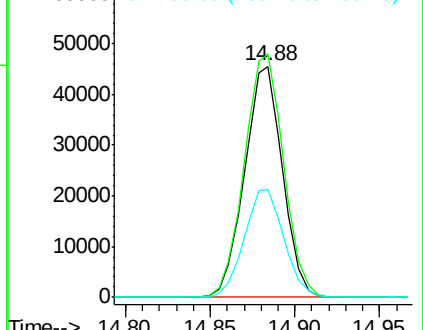
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 134.08 ng

RT: 16.36 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BG020864.D

Acq: 11 Feb 2016 20:07

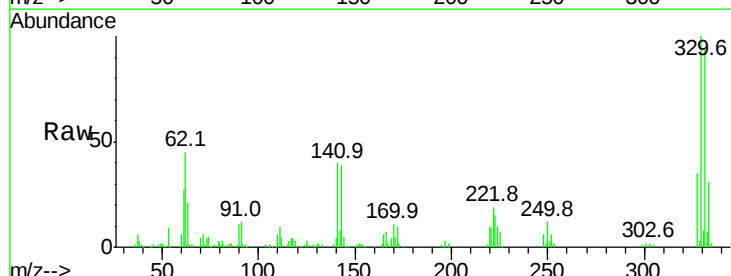
Tgt Ion:330 Resp: 93283

Ion Ratio Lower Upper

330 100

332 96.0 76.1 114.1

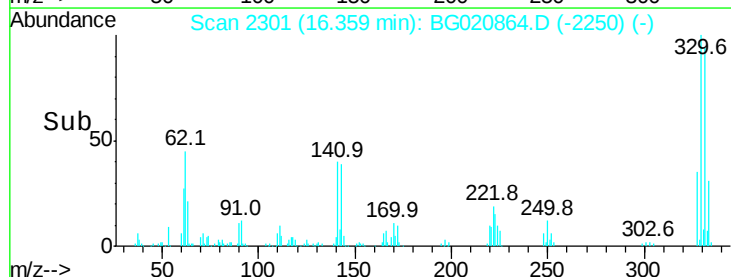
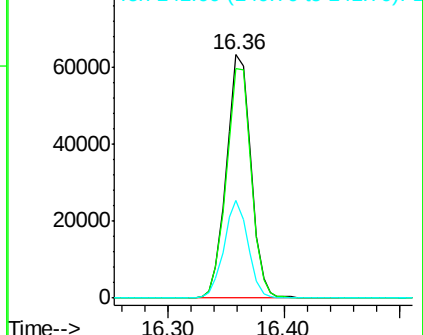
141 38.9 32.0 48.0

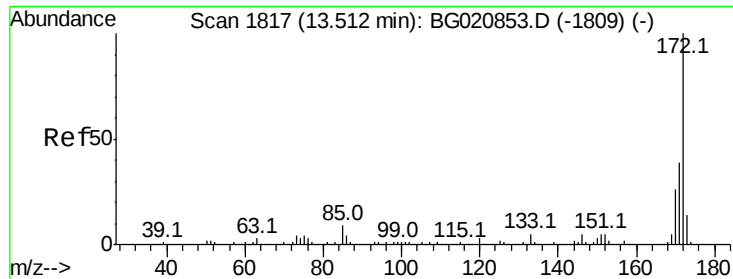


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





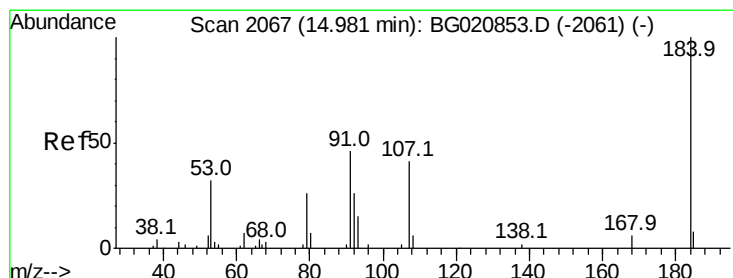
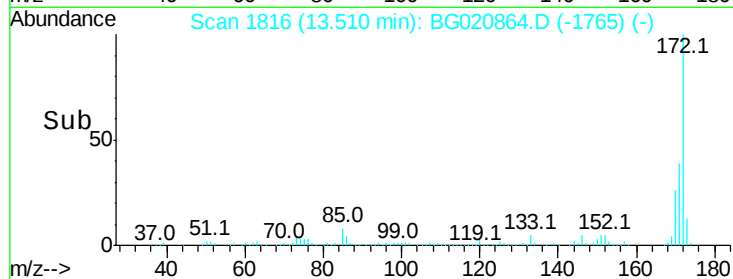
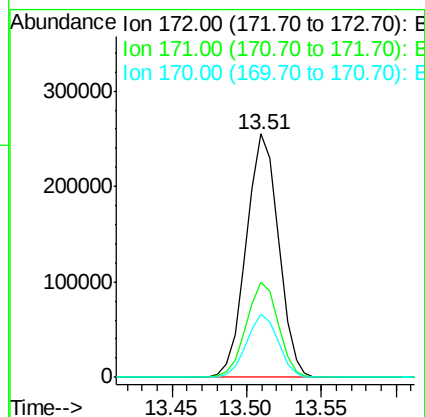
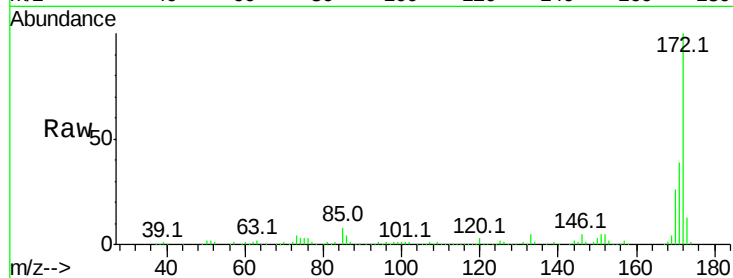
#44
2-Fluorobiphenyl
Concen: 75.60 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BG020864.D
Acq: 11 Feb 2016 20:07

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	39.0	31.2	46.8
170	25.9	20.6	30.8

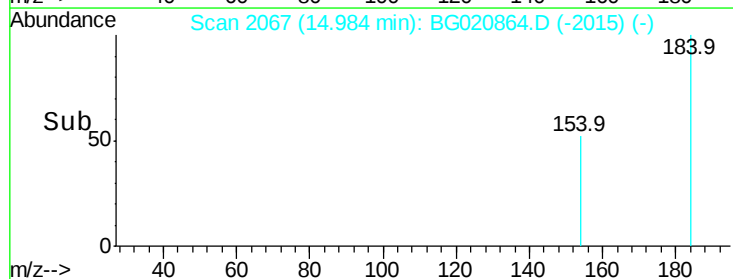
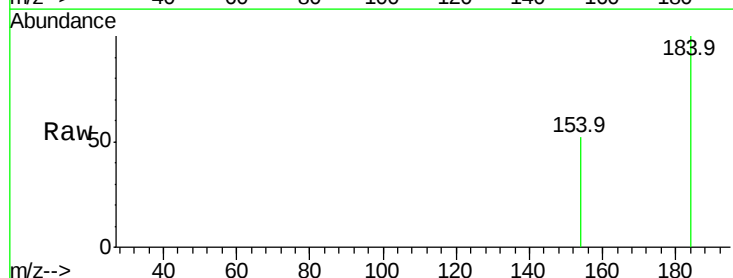
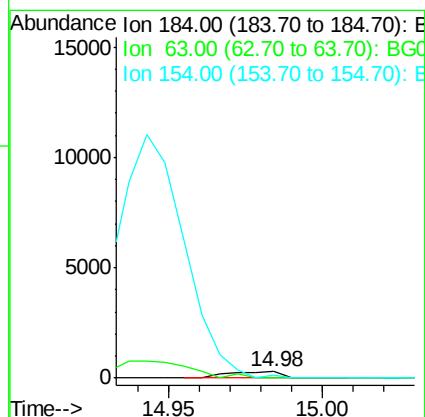
Manual Integrations
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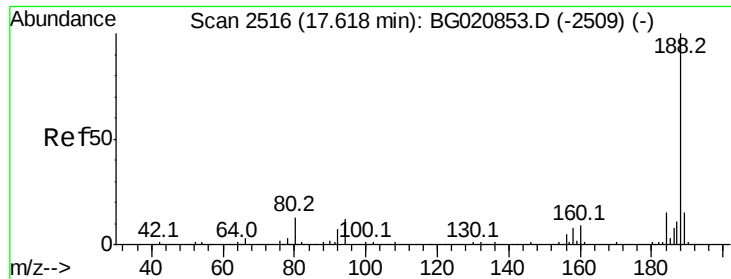
Sohil
2/12/2016 4:44:07 PM



#53
2,4-Dinitrophenol
Concen: 9.07 ng m
RT: 14.98 min Scan# 2067
Delta R.T. 0.00 min
Lab File: BG020864.D
Acq: 11 Feb 2016 20:07

Tgt Ion	Ratio	Resp Lower	Upper
184	100		
63	0.0	39.8	59.6#
154	51.8	48.1	72.1





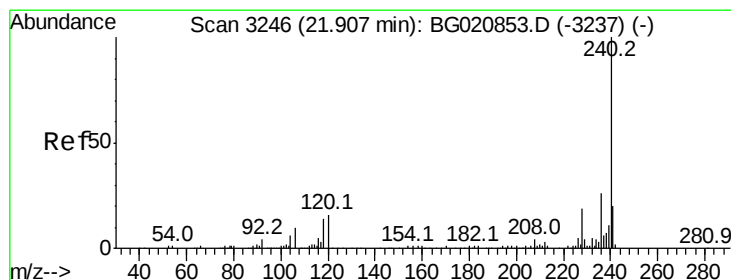
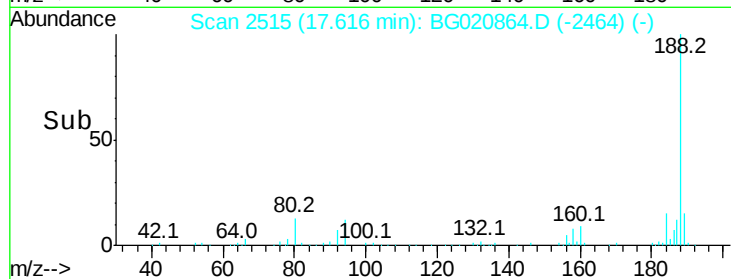
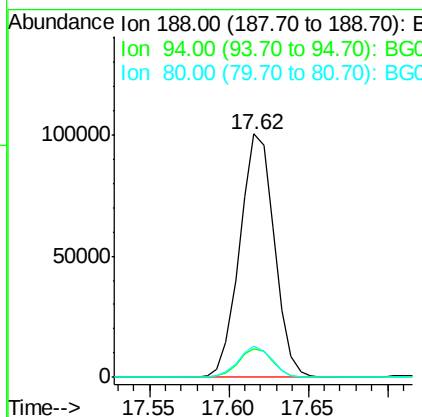
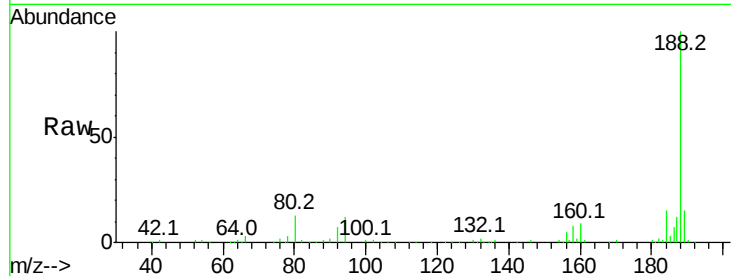
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.62 min Scan# 2515
 Delta R.T. -0.00 min
 Lab File: BG020864.D
 Acq: 11 Feb 2016 20:07

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.7	9.4	14.0
80	12.7	10.2	15.4

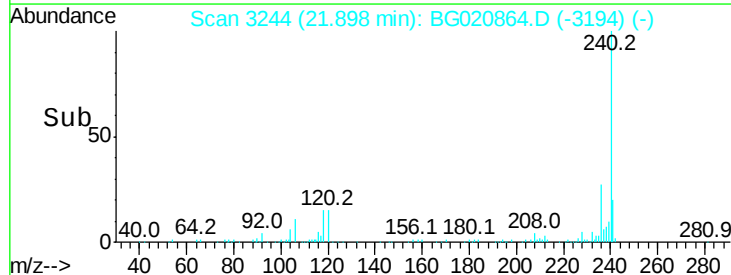
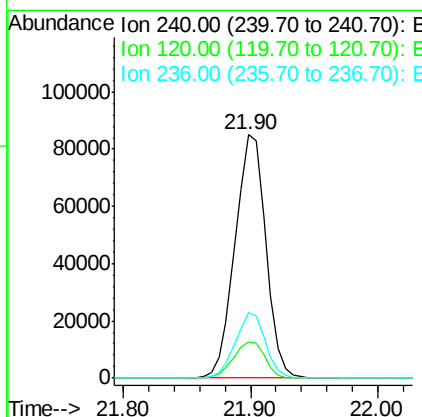
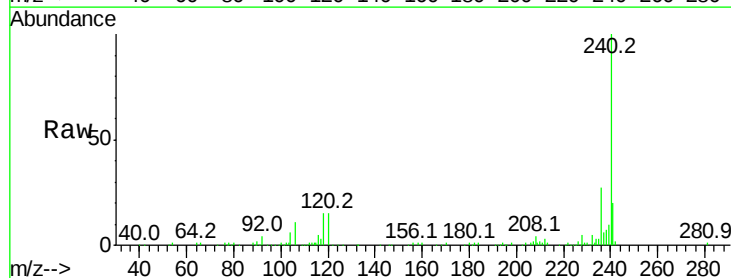
Manual Integrations
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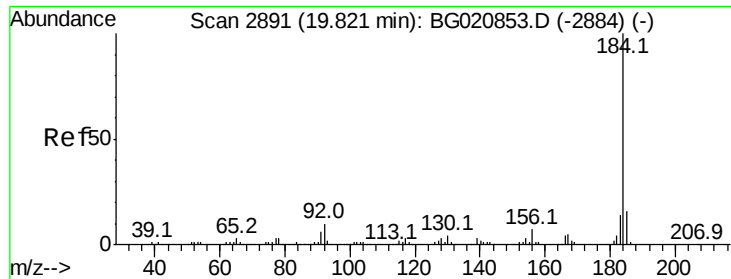
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.90 min Scan# 3244
 Delta R.T. -0.01 min
 Lab File: BG020864.D
 Acq: 11 Feb 2016 20:07

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.9	13.0	19.4
236	26.8	21.0	31.4





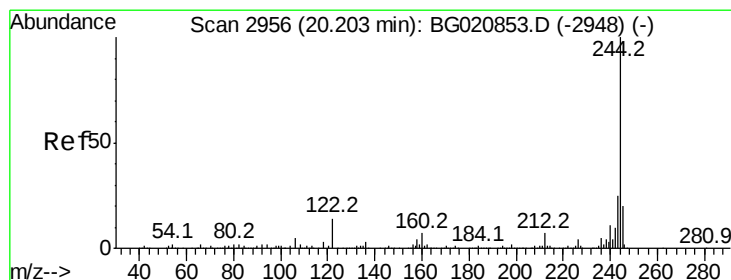
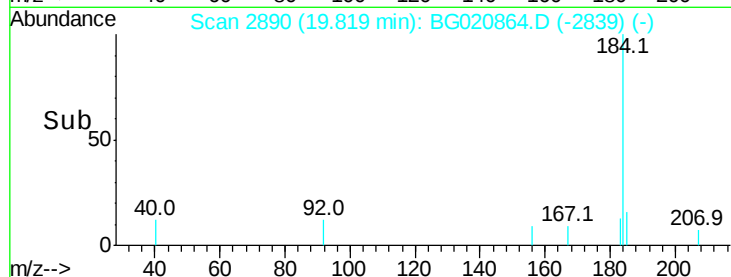
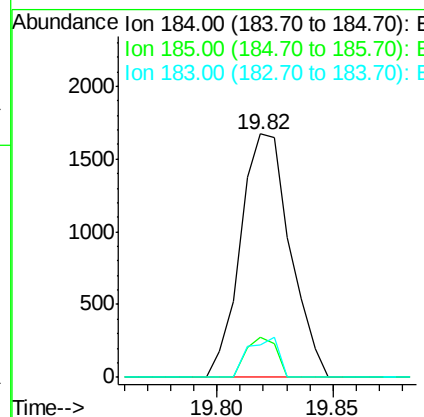
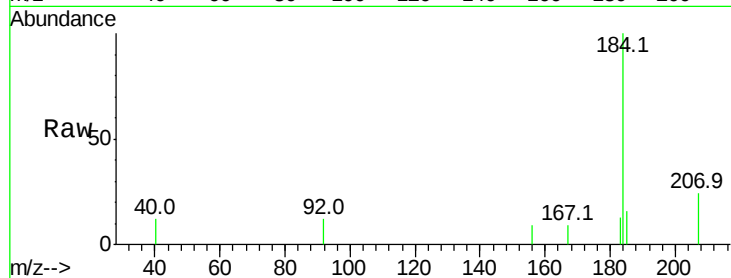
#76
Benzidine
Concen: 0.54 ng
RT: 19.82 min Scan# 2890
Delta R.T. -0.00 min
Lab File: BG020864.D
Acq: 11 Feb 2016 20:07

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.4	12.6	19.0
183	13.1	11.0	16.4

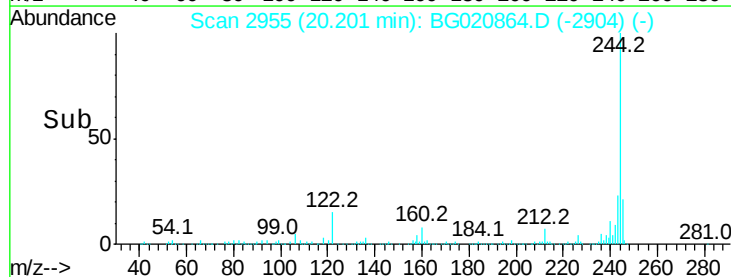
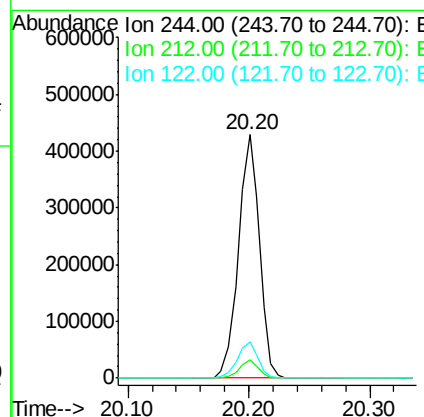
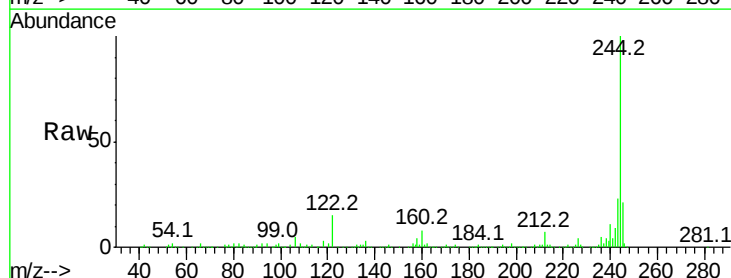
Manual Integrations
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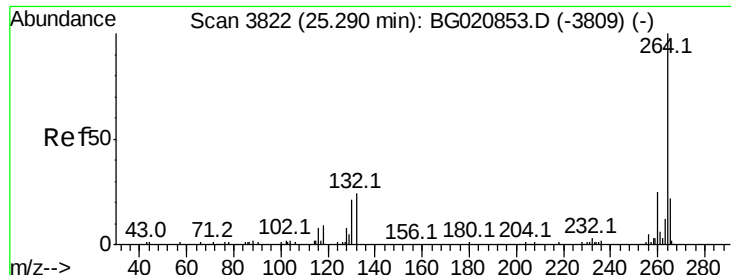
Sohil
2/12/2016 4:44:07 PM



#78
Terphenyl-d14
Concen: 84.54 ng
RT: 20.20 min Scan# 2955
Delta R.T. -0.00 min
Lab File: BG020864.D
Acq: 11 Feb 2016 20:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.5	8.3
122	15.1	11.4	17.2





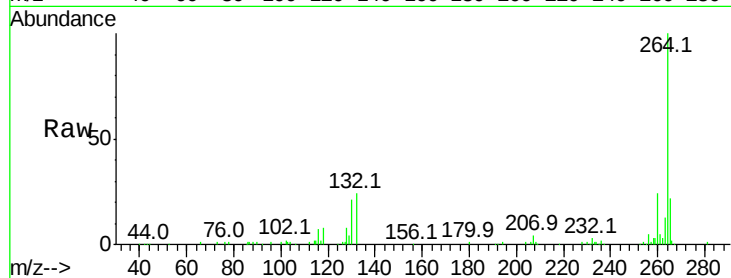
#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3820
Delta R.T. -0.01 min
Lab File: BG020864.D
Acq: 11 Feb 2016 20:07

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.9	29.9
265	21.5	18.0	27.0

Manual Integrations
APPROVED

Sohil
2/12/2016 4:44:07 PM



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

