

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032536.D
 Acq On : 5 Feb 2018 16:31
 Operator : SJ/JU
 Sample : J1161-01
 Misc : LOD 1PPM
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2018

Manual Integrations
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 2/6/2018 2:35:01 PM

Quant Time: Feb 06 09:57:14 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	18669	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	81921	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	61135	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	157555	20.00	ng	-0.01
75) Chrysene-d12	22.41	240	209938	20.00	ng	-0.01
86) Perylene-d12	26.07	264	227580m	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	133735	143.88	ng	0.00
7) Phenol-d6	7.83	99	134419	108.38	ng	0.00
23) Nitrobenzene-d5	9.91	82	112302	85.62	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	162528m	139.66	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	427952	83.20	ng	-0.02
78) Terphenyl-d14	20.62	244	914320	93.29	ng	-0.01

Target Compounds Qvalue

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

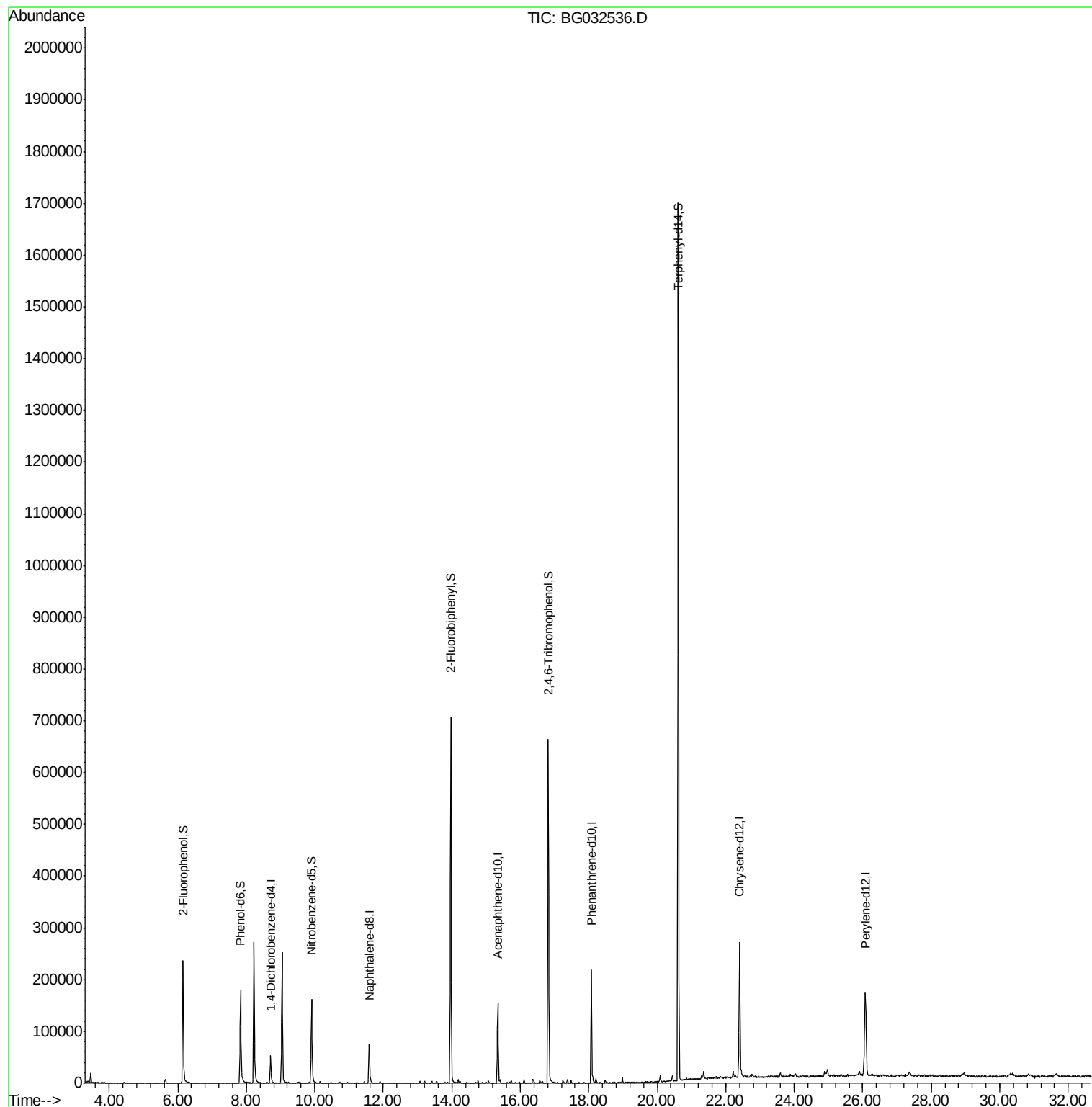
Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
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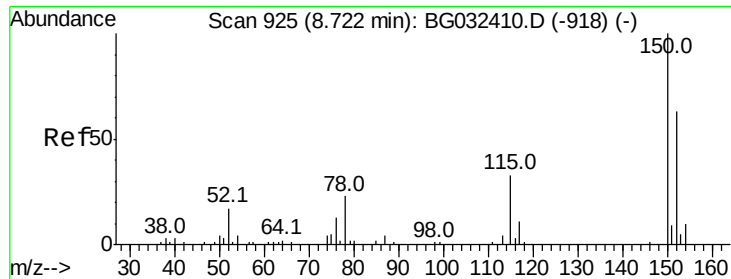
Instrument :
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#1

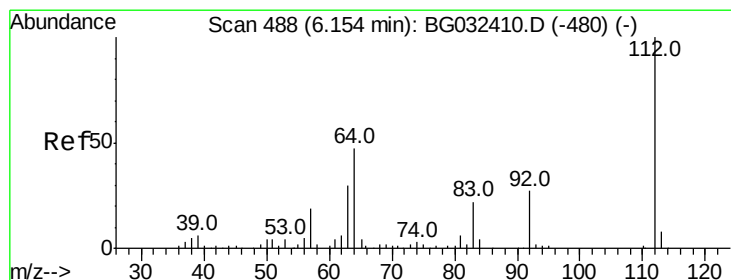
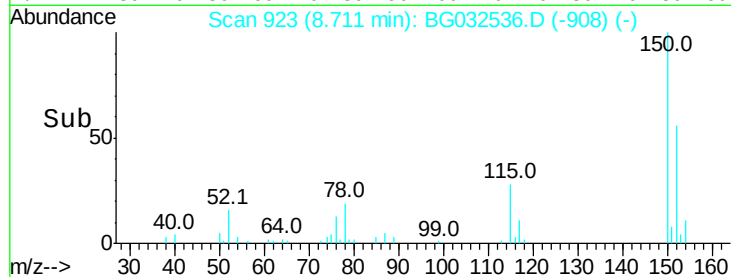
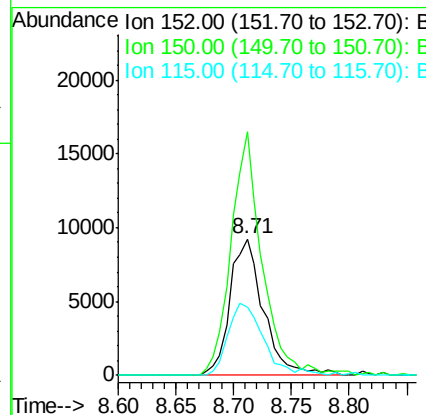
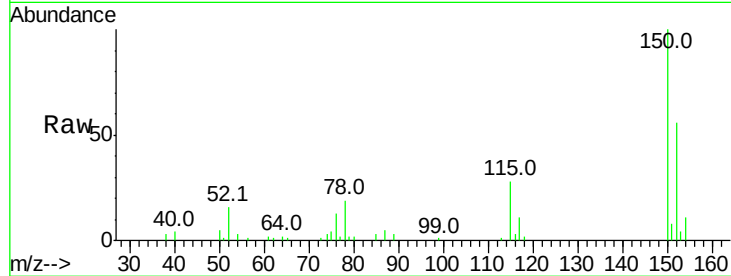
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032536.D
Acq: 5 Feb 2018 16:31

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Tot Ion	Ratio	Lower	Upper
152	100		
150	178.1	126.6	189.8
115	50.1	53.0	79.4#

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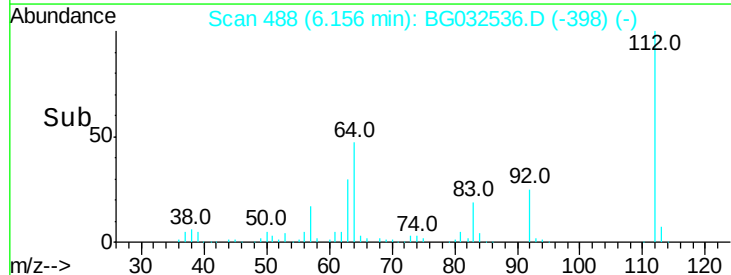
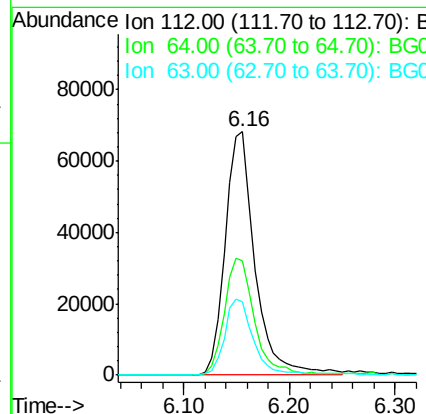
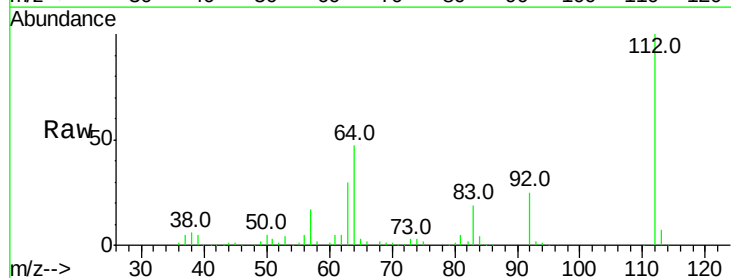
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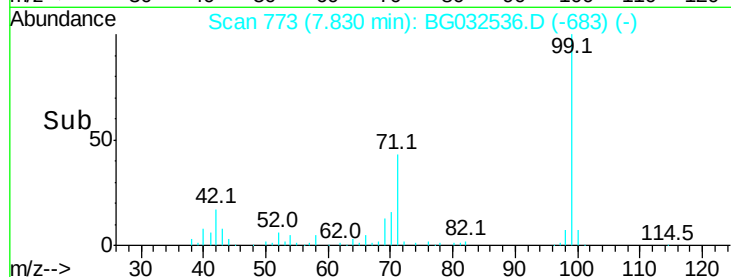
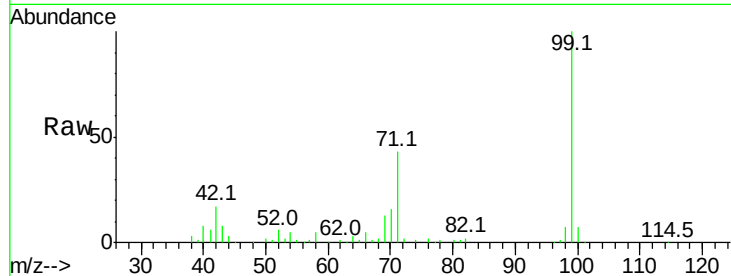
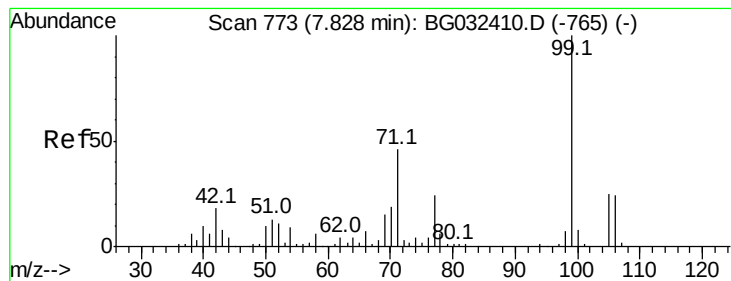


#5

2-Fluorophenol
Concen: 143.883 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032536.D
Acq: 5 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.2	56.3	84.5#
63	30.1	30.1	45.1





#7

Phenol-d6

Concen: 108.376 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032536.D

Acq: 5 Feb 2018 16:31

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		134419		
42	16.8	14.1	21.1		
71	42.8	26.1	39.1#		

Instrument :

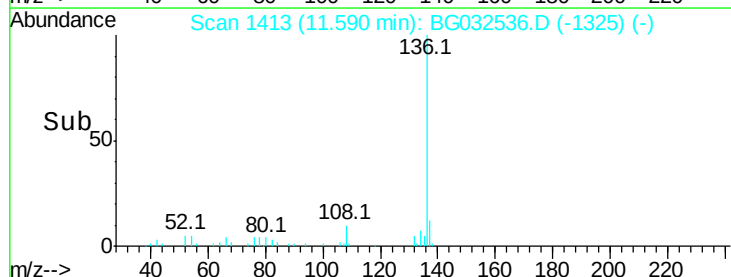
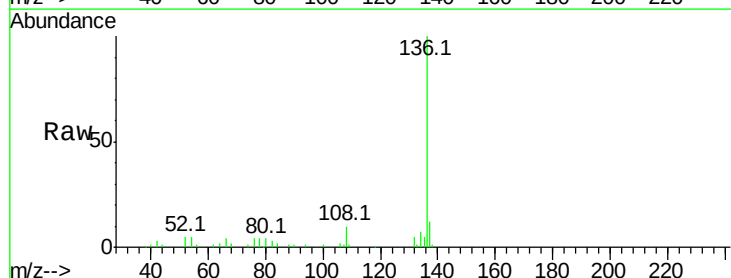
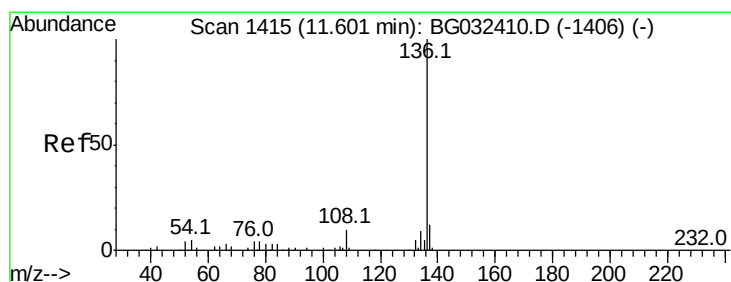
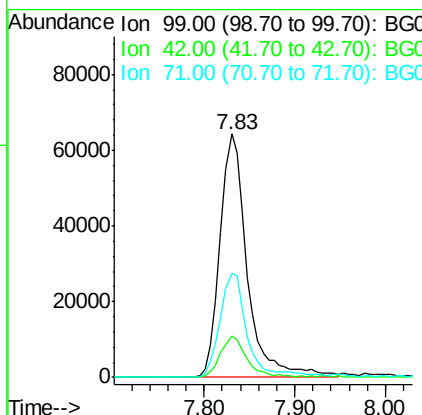
BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

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#21

Naphthalene-d8

Concen: 20.000 ng

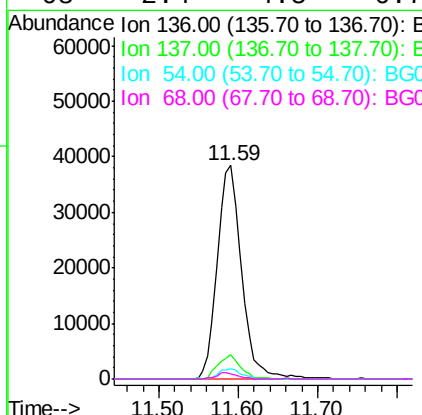
RT: 11.59 min Scan# 1413

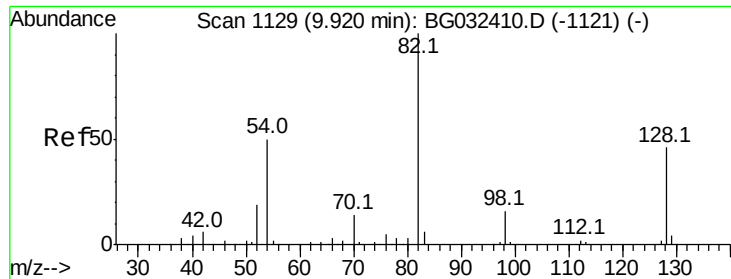
Delta R.T. -0.01 min

Lab File: BG032536.D

Acq: 5 Feb 2018 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		81921		
137	11.5	9.2	13.8		
54	4.9	10.3	15.5#		
68	2.4	4.5	6.7#		





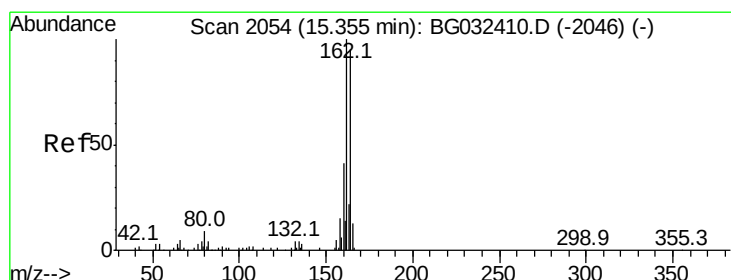
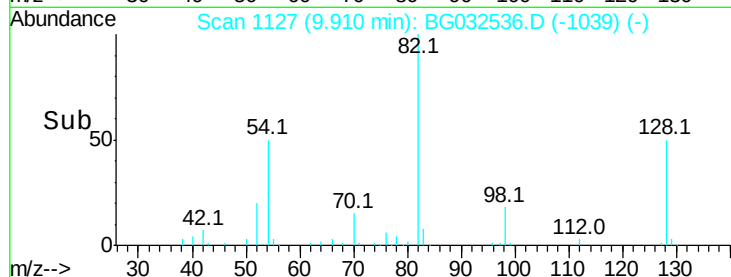
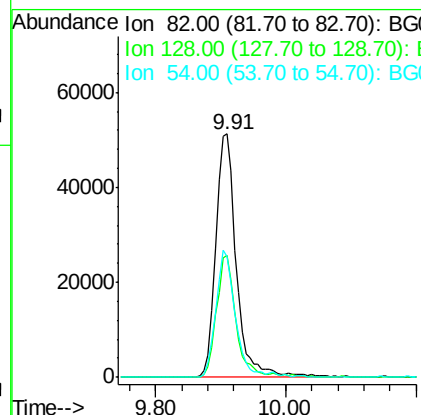
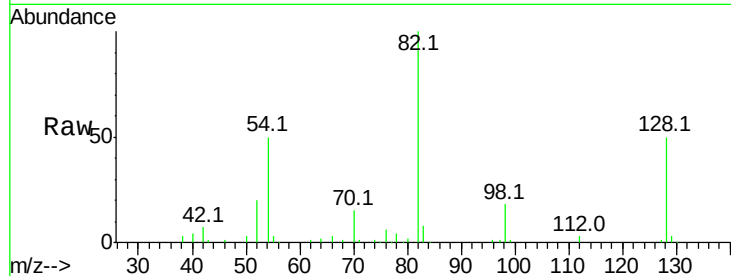
#23
 Nitrobenzene-d5
 Concen: 85.624 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032536.D
 Acq: 5 Feb 2018 16:31

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2018

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.9	29.7	44.5
54	49.7	43.1	64.7

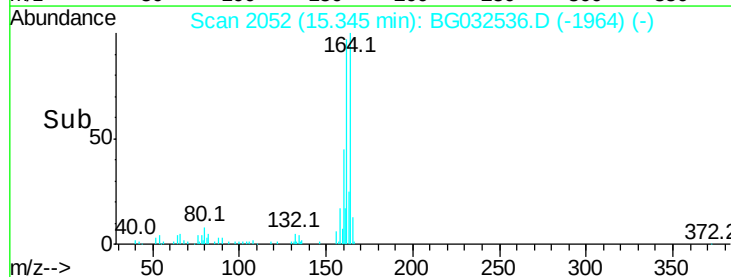
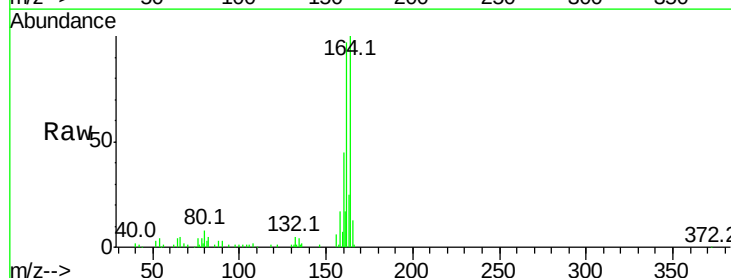
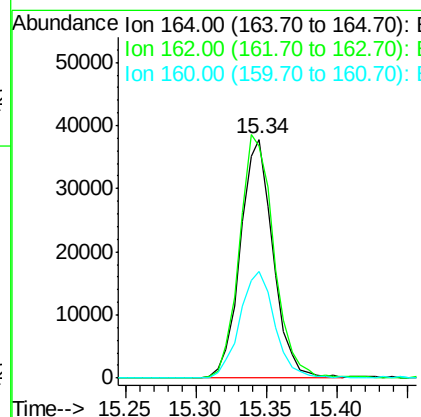
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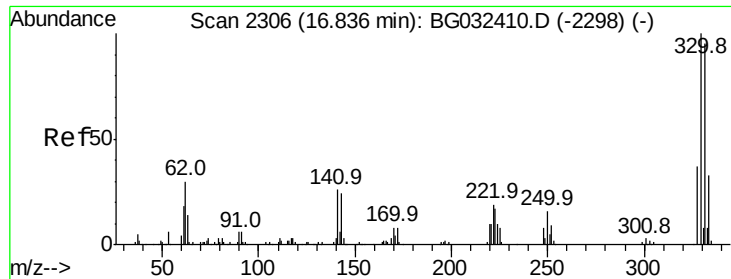
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032536.D
 Acq: 5 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.1	78.8	118.2
160	44.7	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 139.664 ng

RT: 16.82 min Scan# 2303

Delta R.T. -0.02 min

Lab File: BG032536.D

Acq: 5 Feb 2018 16:31

Instrument :

BNA_G

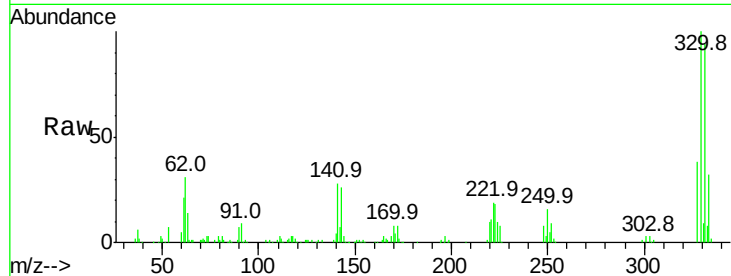
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

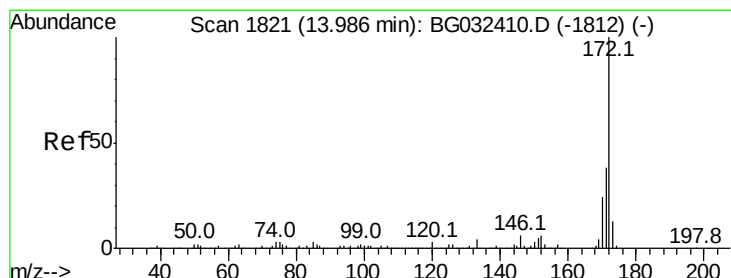
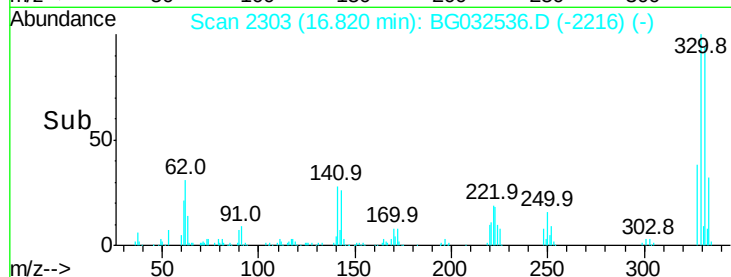
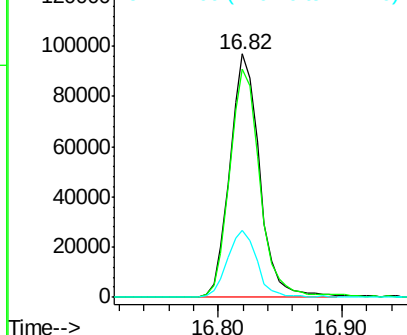
Tot Ion:	330	Resp:	162528
Ion Ratio	Lower	Upper	
330	100		
332	0.0	77.0	115.6#
141	0.0	25.2	37.8#

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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: 83.201 ng

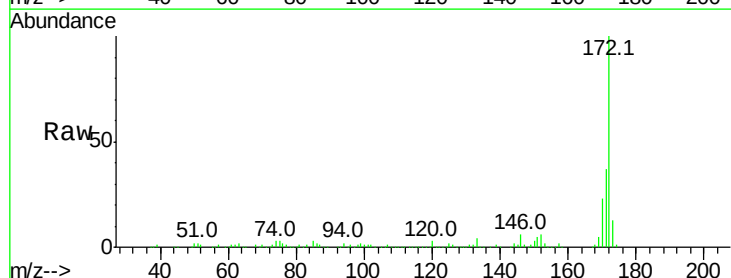
RT: 13.97 min Scan# 1818

Delta R.T. -0.02 min

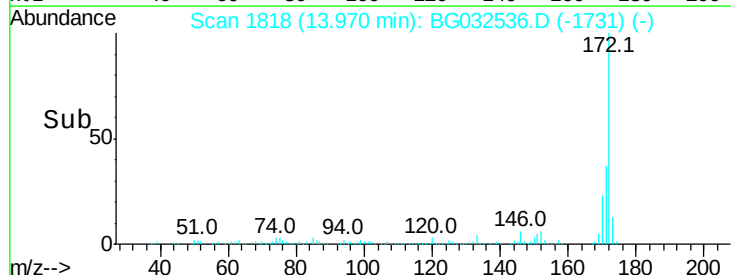
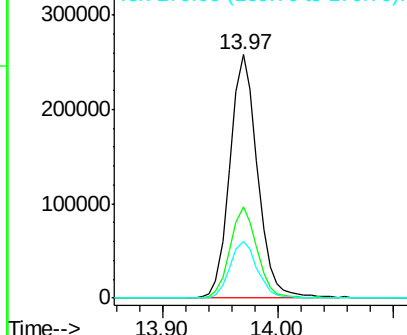
Lab File: BG032536.D

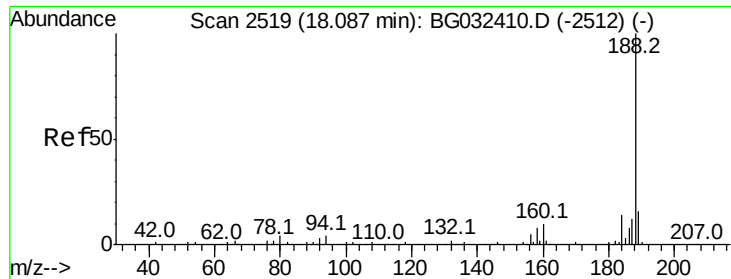
Acq: 5 Feb 2018 16:31

Tgt Ion:	172	Resp:	427952
Ion Ratio	Lower	Upper	
172	100		
171	37.4	30.0	45.0
170	23.1	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





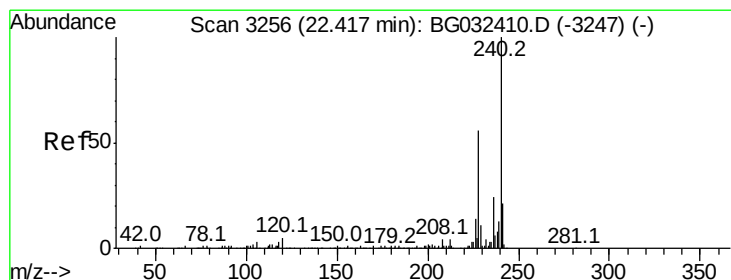
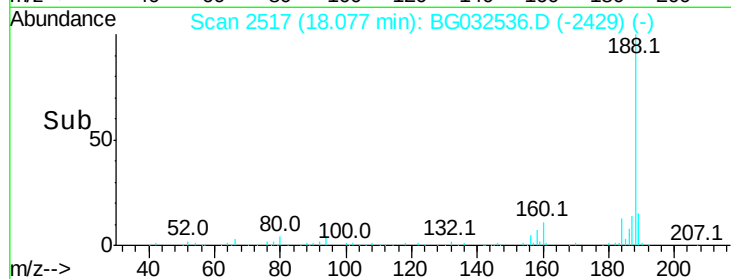
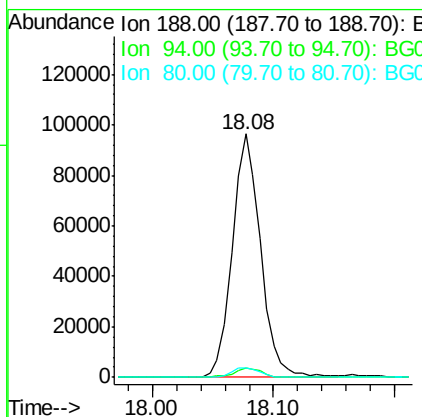
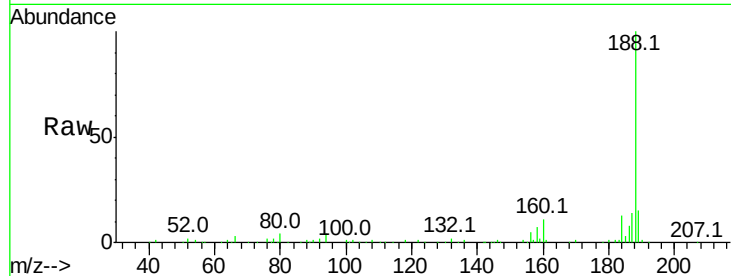
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032536.D
Acq: 5 Feb 2018 16:31

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	3.9	6.9	10.3#
80	3.9	7.7	11.5#

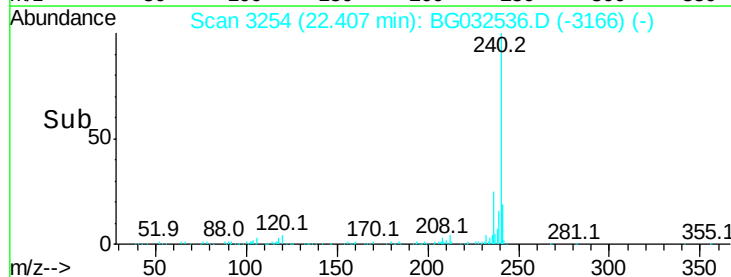
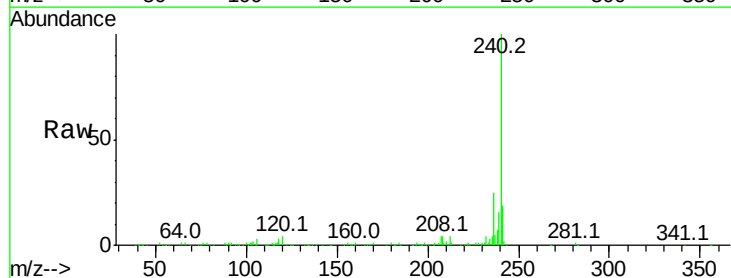
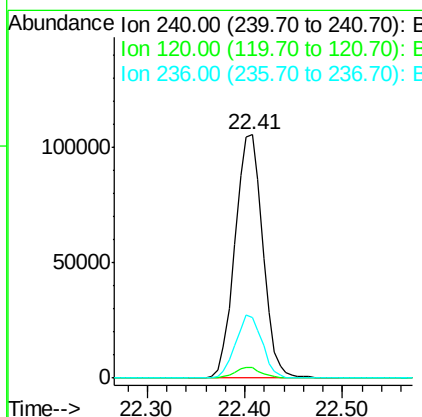
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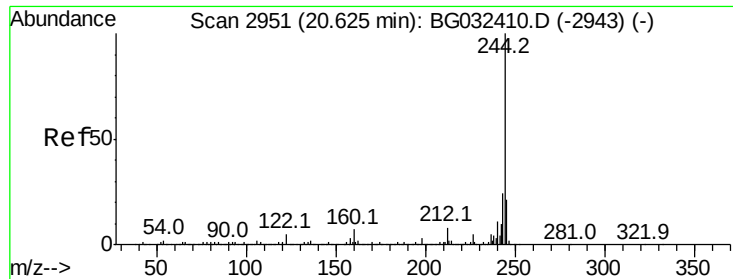
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032536.D
Acq: 5 Feb 2018 16:31

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	4.2	6.8	10.2#
236	24.9	20.9	31.3





#78

Terphenyl-d14

Concen: 93.292 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032536.D

Acq: 5 Feb 2018 16:31

Instrument :

BNA_G

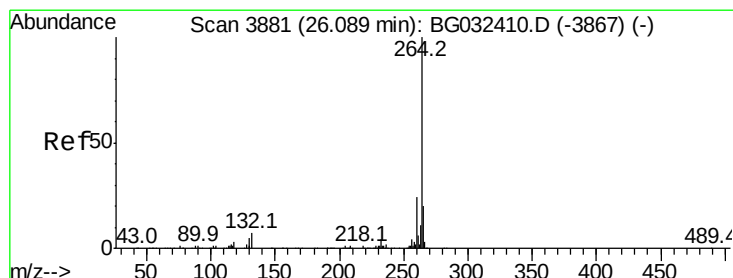
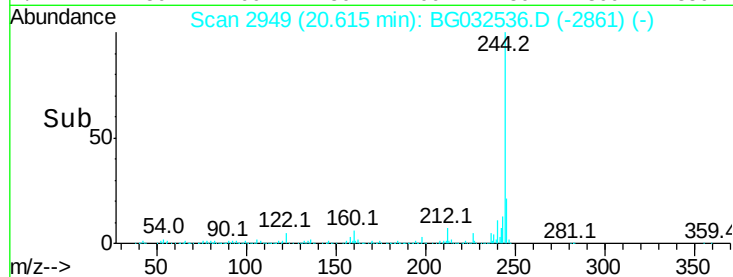
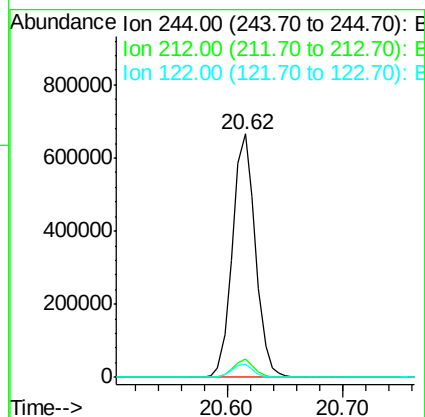
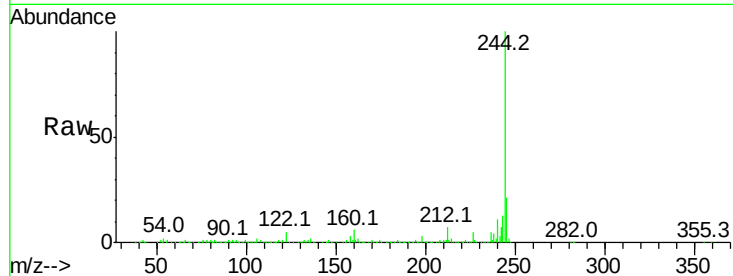
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

Tot Ion:	244	Resp:	914320
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.8	8.8
122	5.3	7.0	10.4

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#86

Perylene-d12

Concen: 20.000 ng m

RT: 26.07 min Scan# 3878

Delta R.T. -0.02 min

Lab File: BG032536.D

Acq: 5 Feb 2018 16:31

Tgt Ion:	264	Resp:	227580
Ion Ratio	Lower	Upper	
264	100		
260	20.9	17.4	26.0
265	22.0	17.7	26.5

