

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024098.D
 Acq On : 23 Sep 2016 21:58
 Operator : UM/SJ
 Sample : H4818-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2016-01-QT4

Manual Integrations
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Quant Time: Sep 26 08:31:09 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	38249	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	175480	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	154728	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	383350	20.00	ng	0.00
75) Chrysene-d12	21.79	240	416182	20.00	ng	0.00
86) Perylene-d12	25.13	264	406940	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	338085	153.13	ng	0.00
7) Phenol-d6	7.21	99	518137	139.48	ng	0.00
23) Nitrobenzene-d5	9.22	82	369788	83.06	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	291688	131.15	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	791802	86.02	ng	0.00
78) Terphenyl-d14	20.09	244	1524305	75.00	ng	0.00
Target Compounds						
53) 2,4-Dinitrophenol	14.92	184	1967m	3.91	ng	Qvalue

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

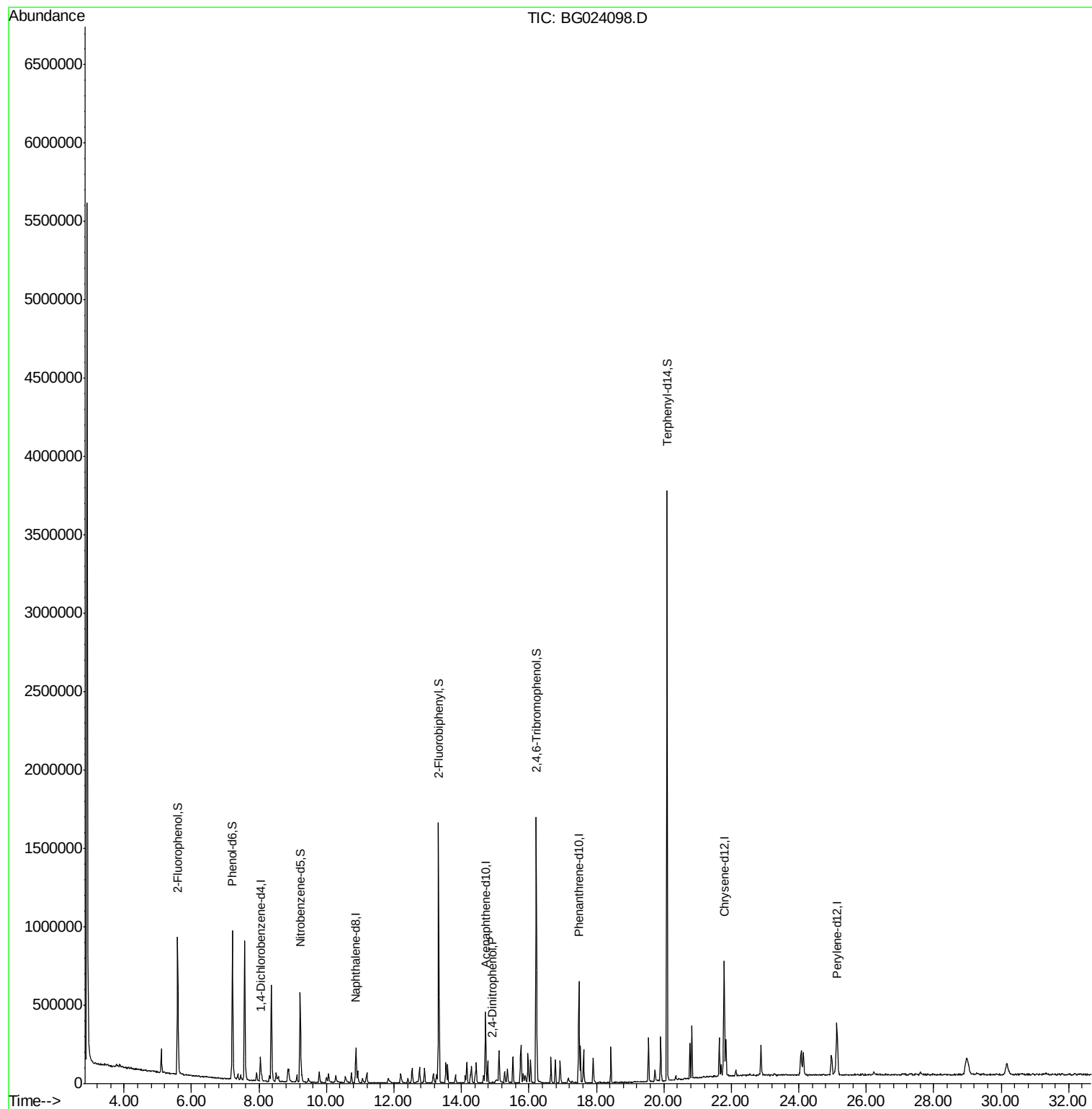
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024098.D
Acq On : 23 Sep 2016 21:58
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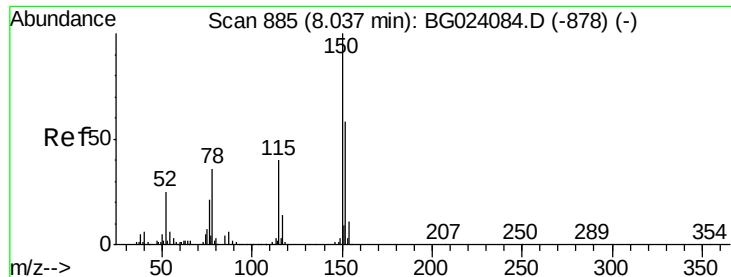
Instrument :
BNA_G
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LOD-SOIL2016-01-QT4

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#1

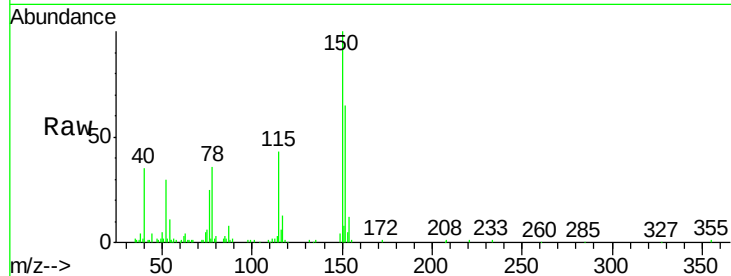
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 886
Delta R.T. 0.01 min
Lab File: BG024098.D
Acq: 23 Sep 2016 21:58

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01-QT4

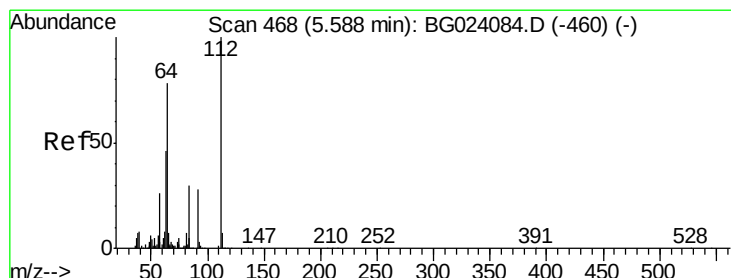
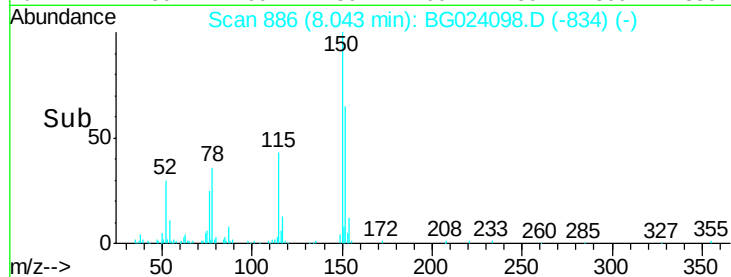
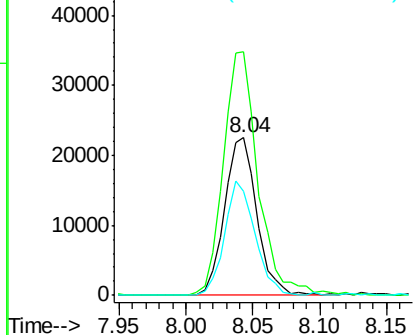
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.3	144.7	217.1
115	65.6	64.0	96.0

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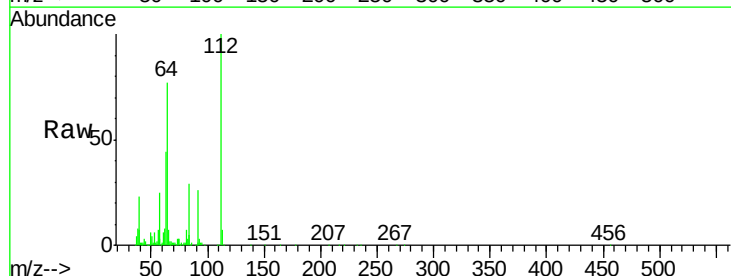
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



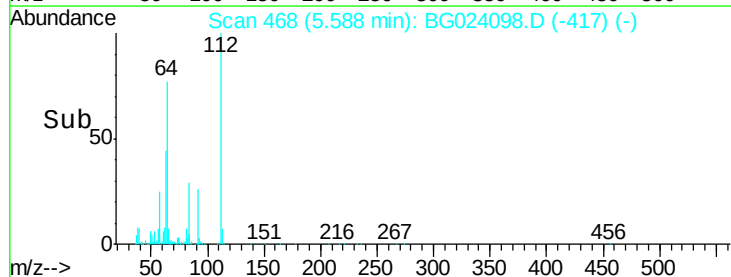
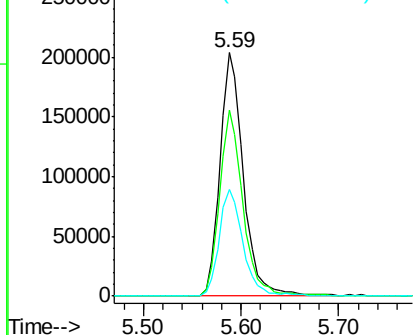
#5

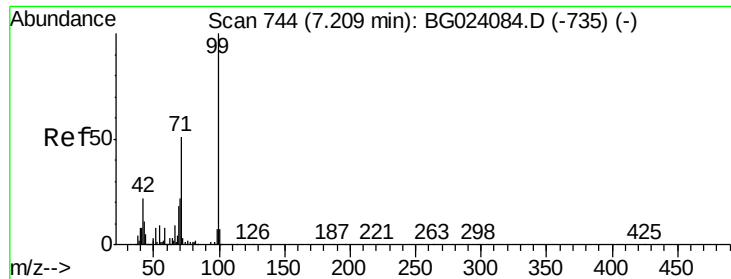
2-Fluorophenol
Concen: 153.13 ng
RT: 5.59 min Scan# 468
Delta R.T. 0.00 min
Lab File: BG024098.D
Acq: 23 Sep 2016 21:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.6	59.0	88.4
63	44.0	37.8	56.8



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: 139.48 ng

RT: 7.21 min Scan# 744

Delta R.T. 0.00 min

Lab File: BG024098.D

Acq: 23 Sep 2016 21:58

Instrument :

BNA_G

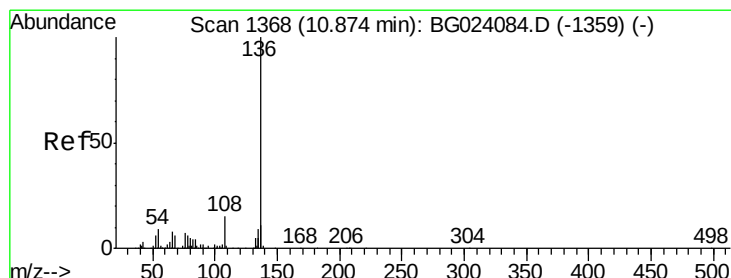
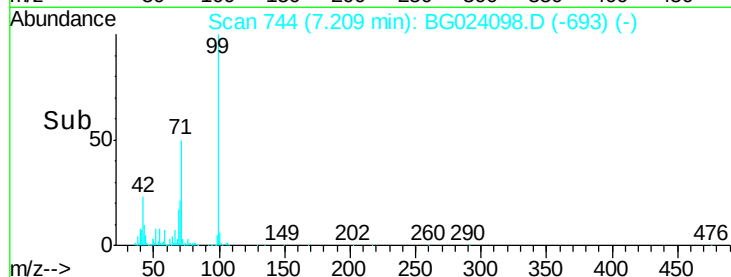
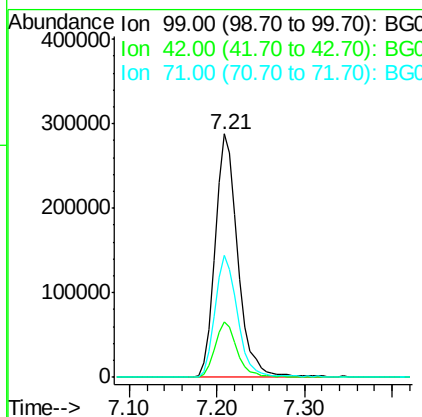
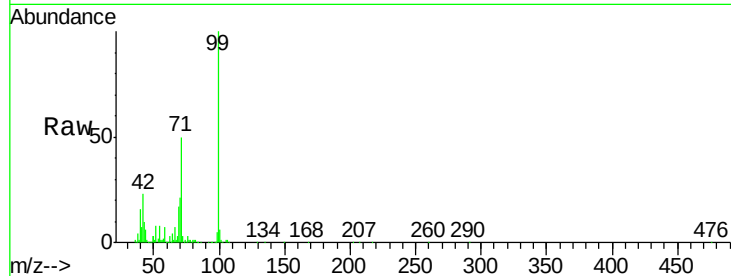
ClientSampleId :

LOD-SOIL2016-01-QT4

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	518137		
42	22.5	17.8	26.6	
71	49.9	41.5	62.3	

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#21

Naphthalene-d8

Concen: 20.00 ng

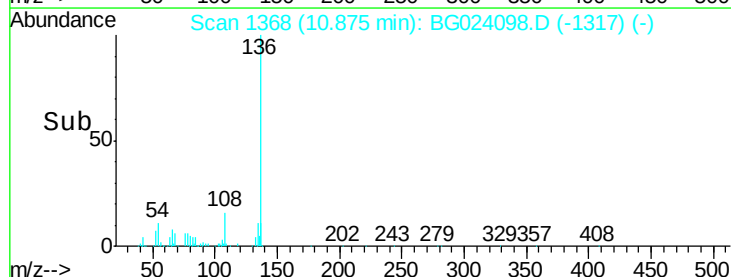
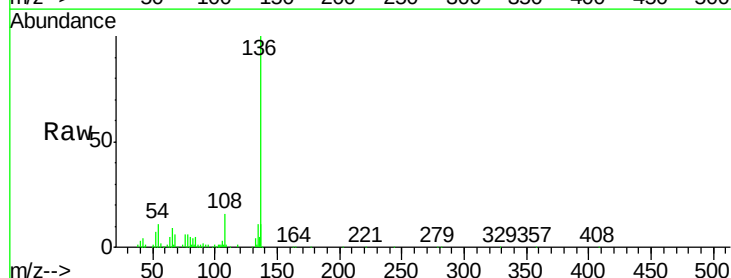
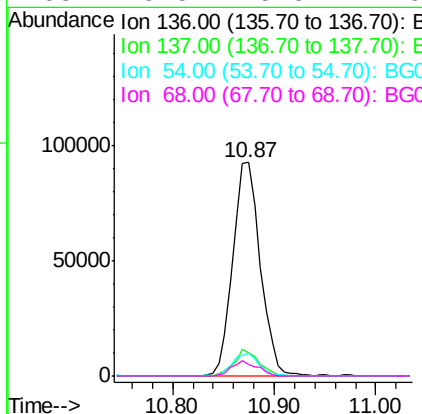
RT: 10.87 min Scan# 1368

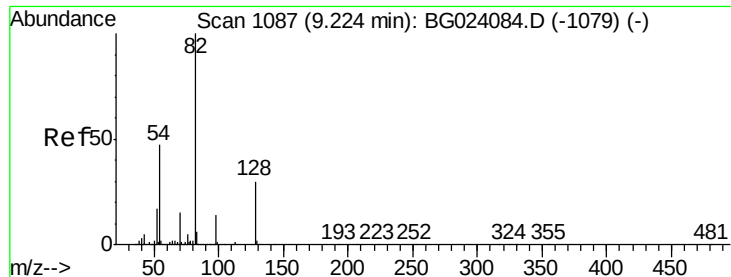
Delta R.T. 0.00 min

Lab File: BG024098.D

Acq: 23 Sep 2016 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	175480		
137	10.7	9.6	14.4	
54	10.5	7.3	10.9	
68	5.5	5.3	7.9	





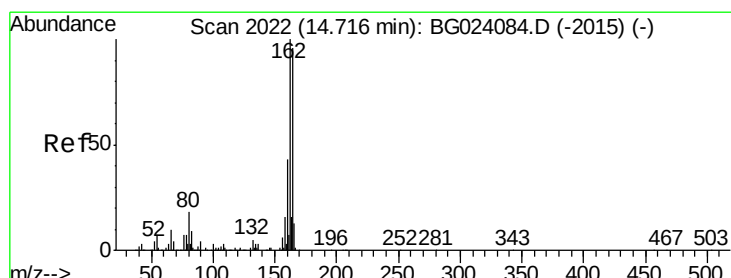
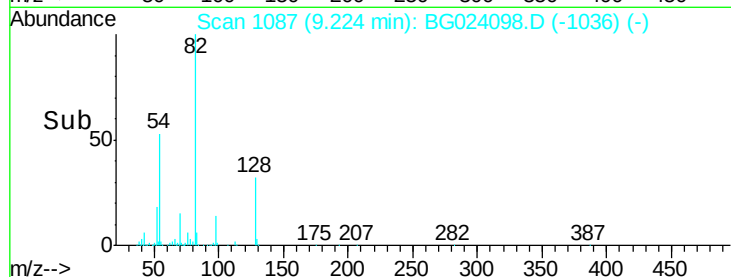
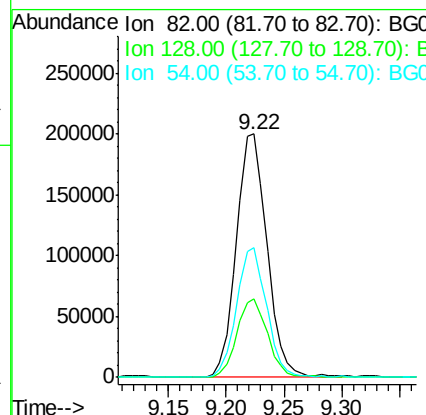
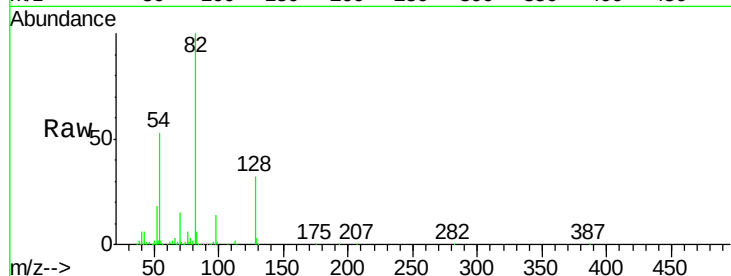
#23
 Nitrobenzene-d5
 Concen: 83.06 ng
 RT: 9.22 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BG024098.D
 Acq: 23 Sep 2016 21:58

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2016-01-QT4

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	369788		
128	32.3	24.4	36.6	
54	53.0	41.4	62.0	

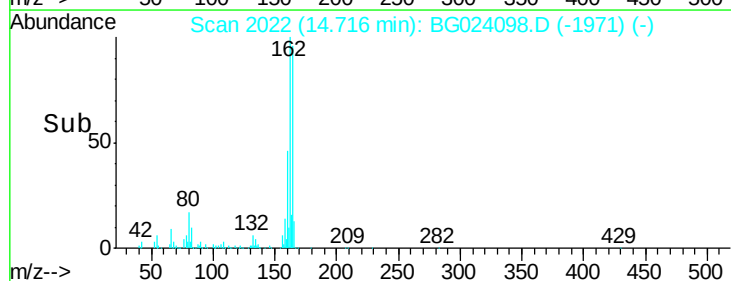
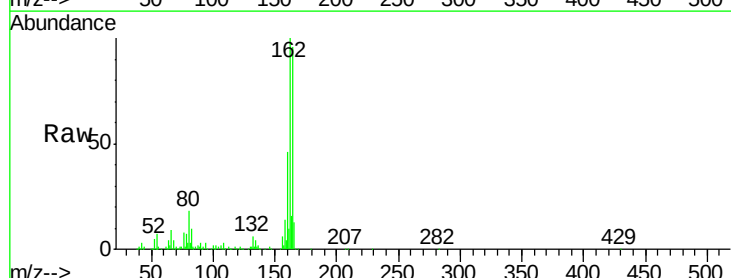
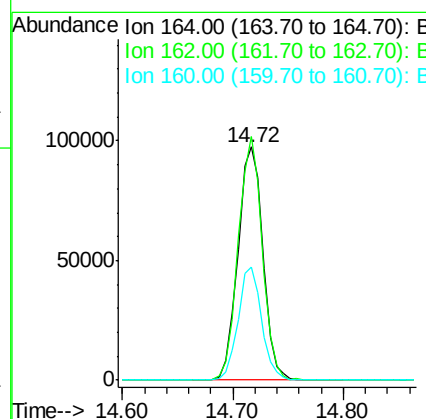
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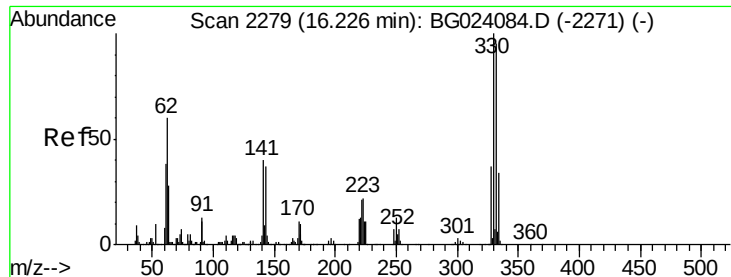
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BG024098.D
 Acq: 23 Sep 2016 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	154728		
162	104.4	87.7	131.5	
160	48.4	37.2	55.8	





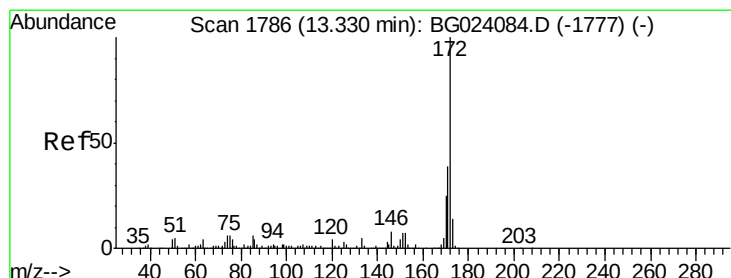
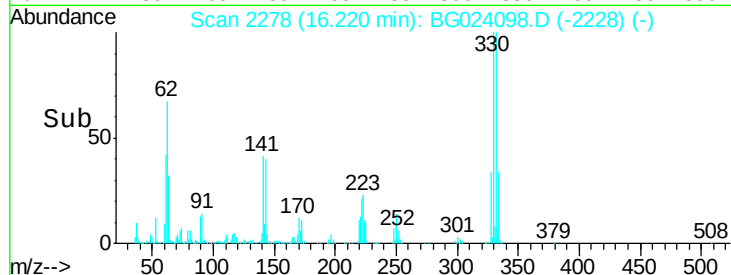
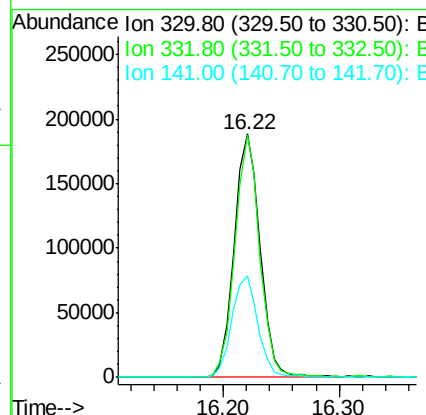
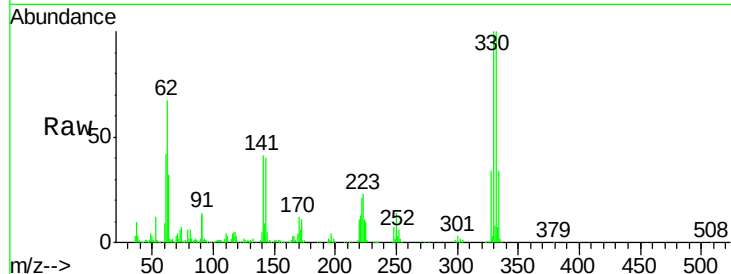
#41
 2,4,6-Tribromophenol
 Concen: 131.15 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG024098.D
 Acq: 23 Sep 2016 21:58

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2016-01-QT4

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	291688		
332	95.8	77.4	116.2	
141	42.1	31.7	47.5	

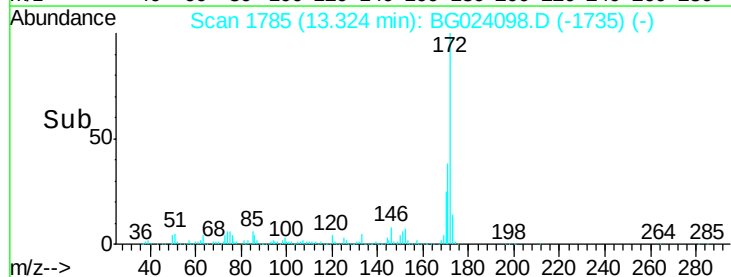
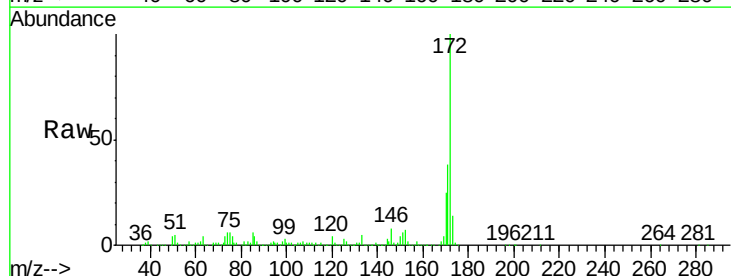
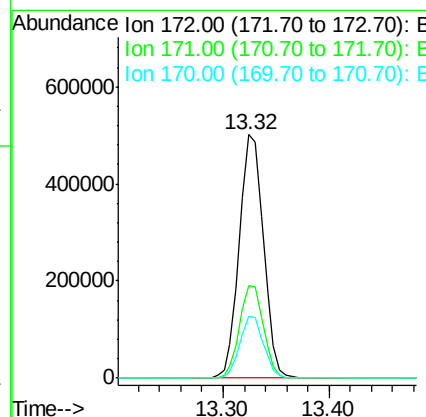
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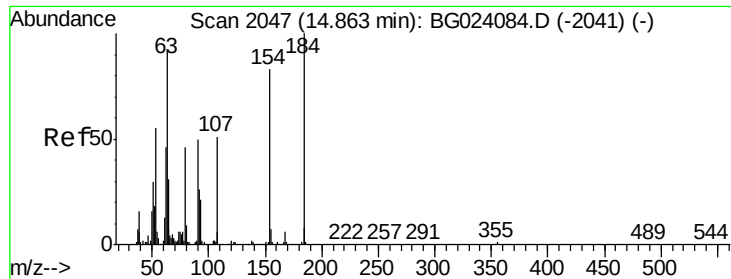
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#44
 2-Fluorobiphenyl
 Concen: 86.02 ng
 RT: 13.32 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG024098.D
 Acq: 23 Sep 2016 21:58

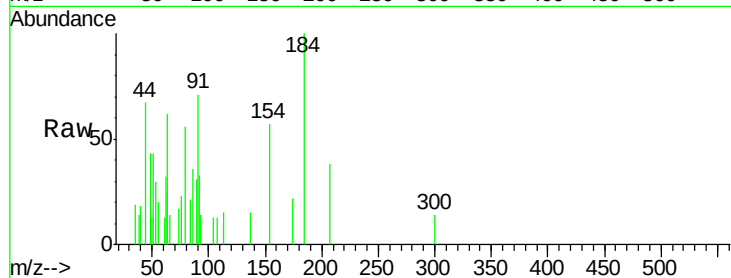
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	791802		
171	38.3	31.6	47.4	
170	25.2	21.3	31.9	





#53
2,4-Dinitrophenol
Concen: 3.91 ng m
RT: 14.92 min Scan# 2056
Delta R.T. 0.05 min
Lab File: BG024098.D
Acq: 23 Sep 2016 21:58

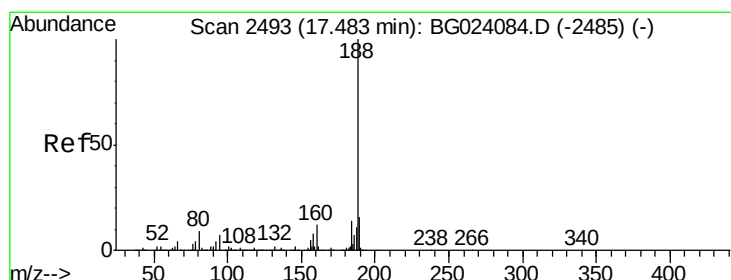
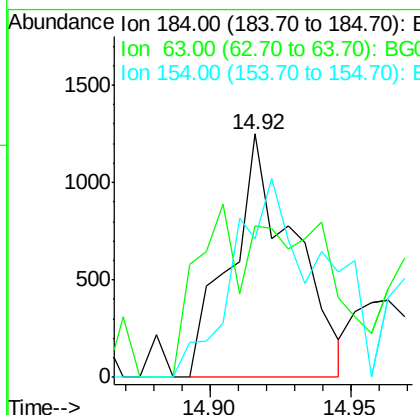
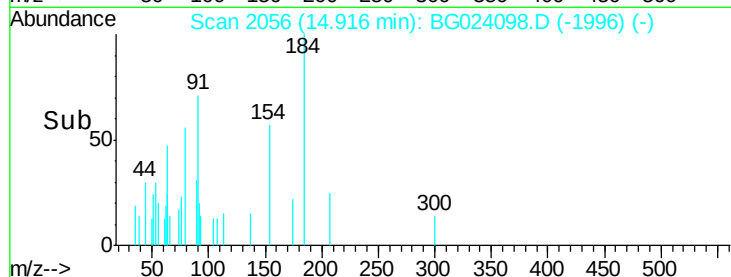
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01-QT4



Tgt Ion:184 Resp: 1967
Ion Ratio Lower Upper
184 100
63 62.0 59.6 89.4
154 57.0 67.4 101.0#

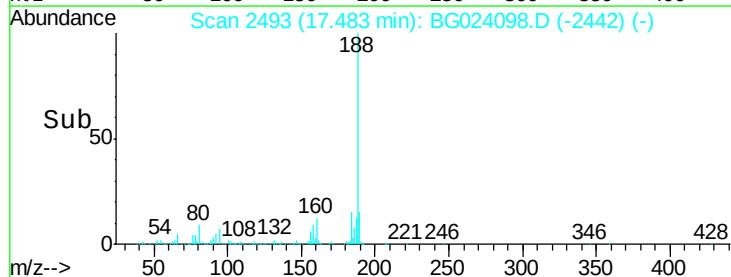
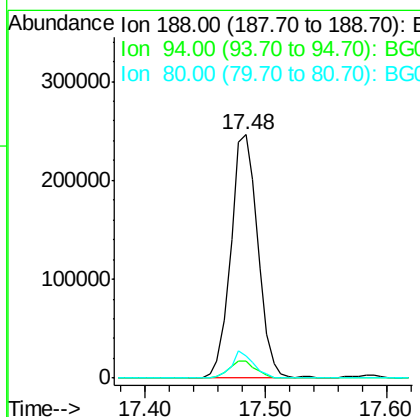
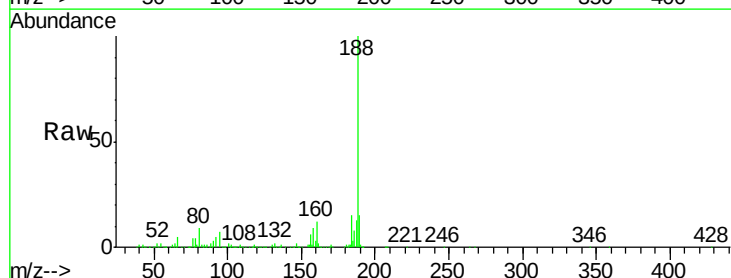
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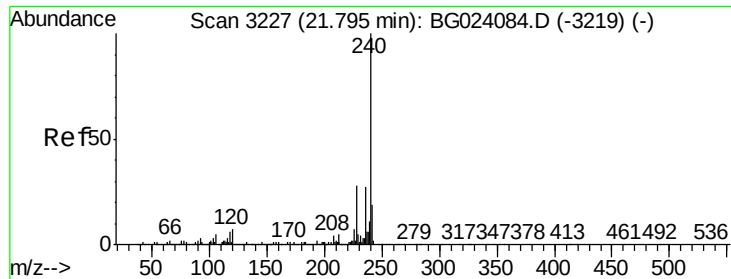
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BG024098.D
Acq: 23 Sep 2016 21:58

Tgt Ion:188 Resp: 383350
Ion Ratio Lower Upper
188 100
94 7.3 5.2 7.8
80 8.9 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BG024098.D

Acq: 23 Sep 2016 21:58

Instrument :

BNA_G

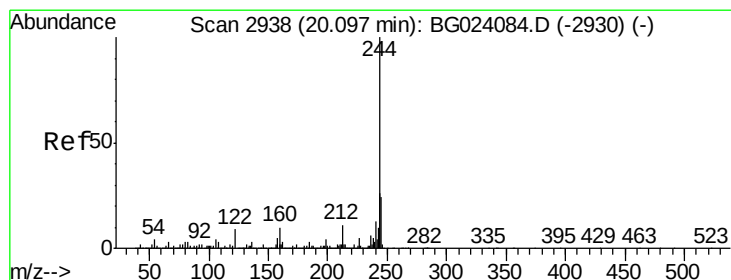
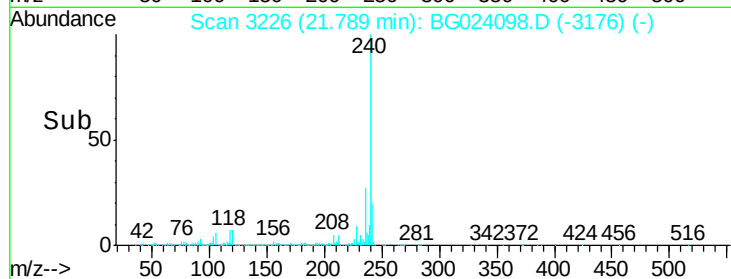
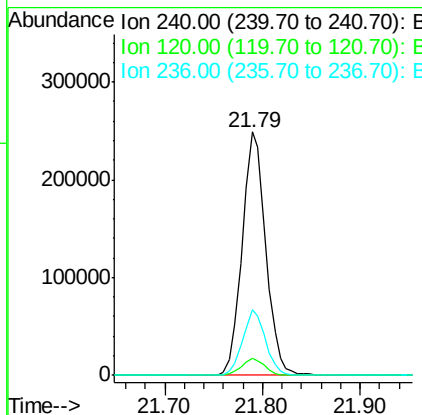
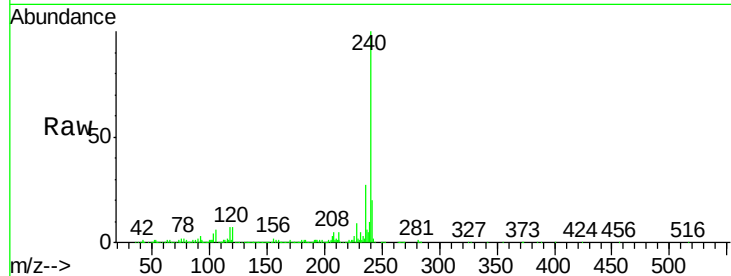
ClientSampleId :

LOD-SOIL2016-01-QT4

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	416182		
120	6.9	4.1	6.1#	
236	26.9	21.1	31.7	

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#78

Terphenyl-d14

Concen: 75.00 ng

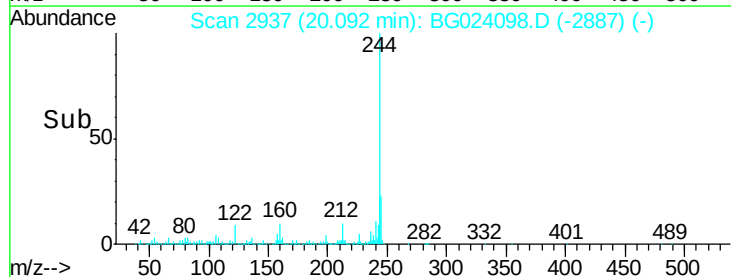
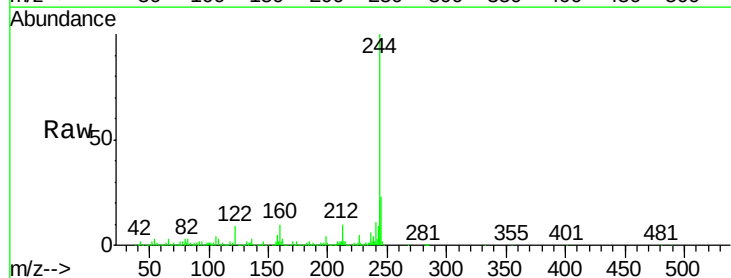
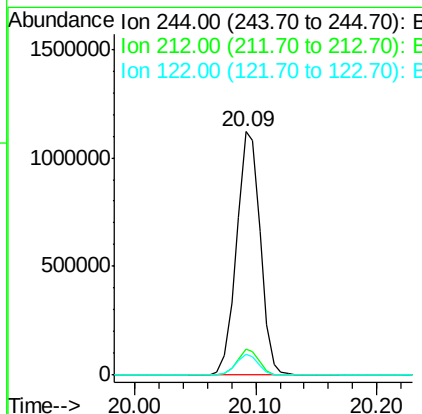
RT: 20.09 min Scan# 2937

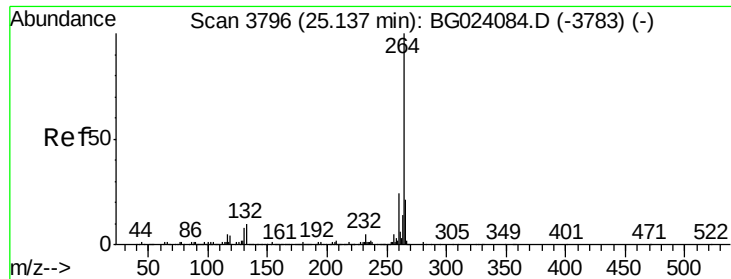
Delta R.T. -0.01 min

Lab File: BG024098.D

Acq: 23 Sep 2016 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1524305		
212	10.5	10.8	16.2#	
122	8.7	8.0	12.0	





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.13 min Scan# 3795
Delta R.T. -0.01 min
Lab File: BG024098.D
Acq: 23 Sep 2016 21:58

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01-QT4

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	406940		
260	21.5	18.4	27.6	
265	23.7	18.9	28.3	

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