

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033582.D
 Acq On : 5 Apr 2018 6:19
 Operator : SJ/JU
 Sample : J2192-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHRT25895- SOIL- CONCRETE

Manual Integrations
 APPROVED

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 4/5/2018 5:03:58 PM

Quant Time: Apr 05 11:13:42 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	29128	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	131490	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	110463	20.00	ng	-0.01
63) Phenanthrene-d10	18.21	188	300358	20.00	ng	0.00
75) Chrysene-d12	22.56	240	310792	20.00	ng	0.00
86) Perylene-d12	26.32	264	297268m	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	255612	164.55	ng	0.00
7) Phenol-d6	7.97	99	357297	133.87	ng	0.00
23) Nitrobenzene-d5	10.06	82	294386	102.86	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	226593	137.15	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	752560	98.35	ng	0.00
78) Terphenyl-d14	20.73	244	1560655	107.39	ng	0.00
Target Compounds						
31) Naphthalene	11.80	128	17086	2.508	ng	Qvalue # 92

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

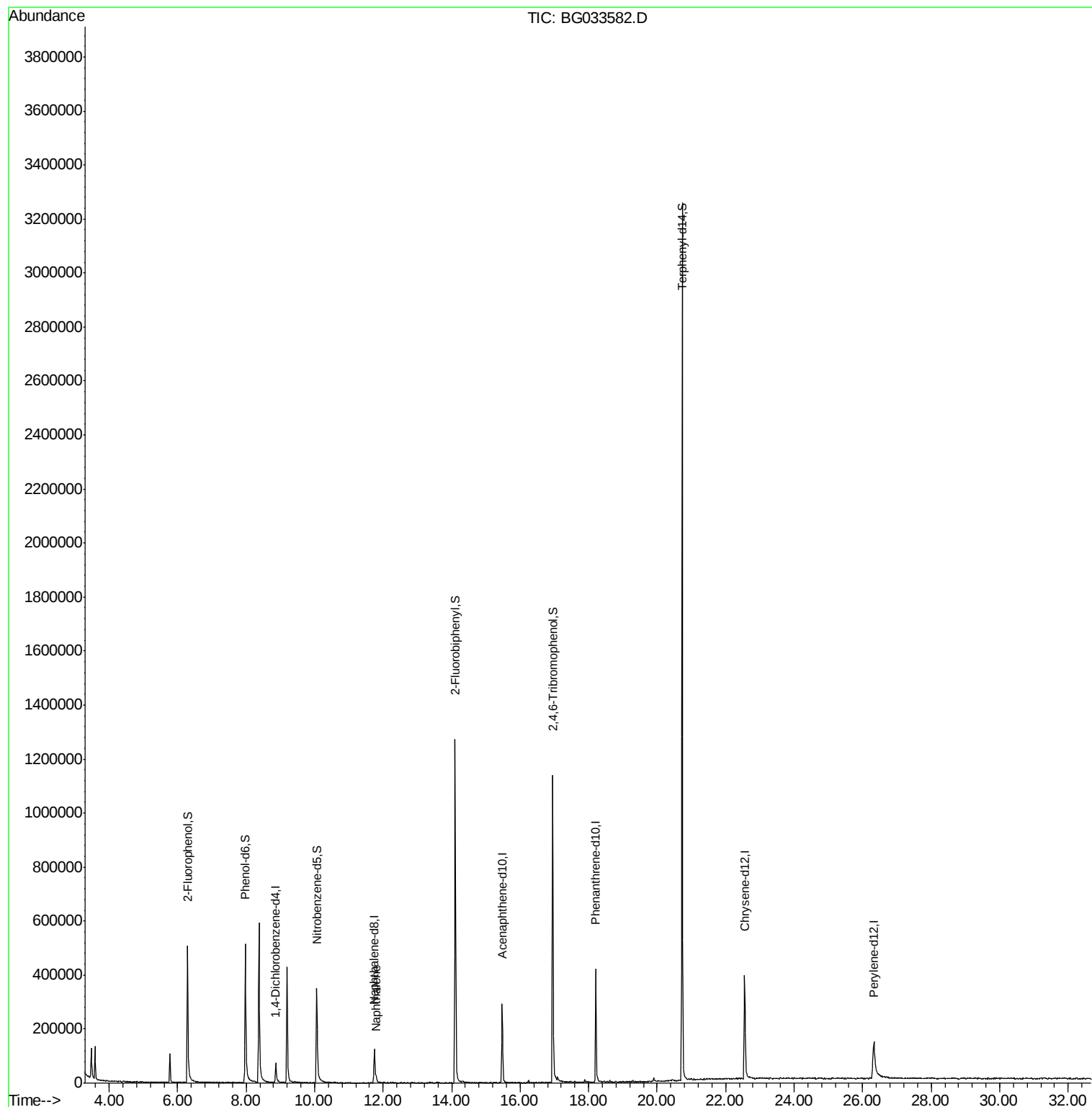
Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
Data File : BG033582.D
Acq On : 5 Apr 2018 6:19
Operator : SJ/JU
Sample : J2192-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

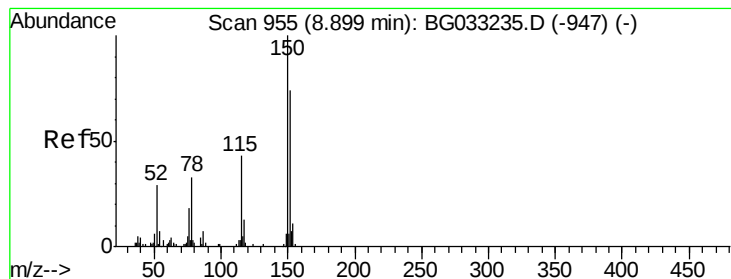
Instrument :
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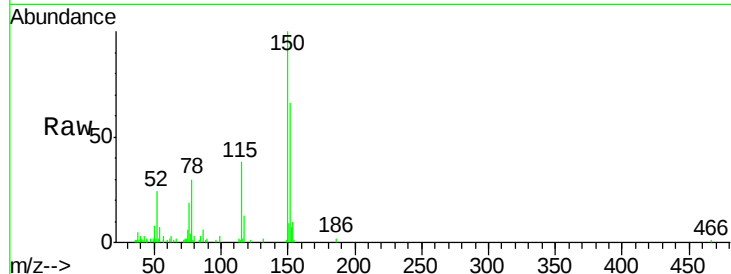
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BG033582.D
 Acq: 5 Apr 2018 6:19

Instrument :
 BNA_G
 ClientSampleId :
 CHRT25895- SOIL- CONCRETE

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	126.6	189.8
115	56.9	53.0	79.4

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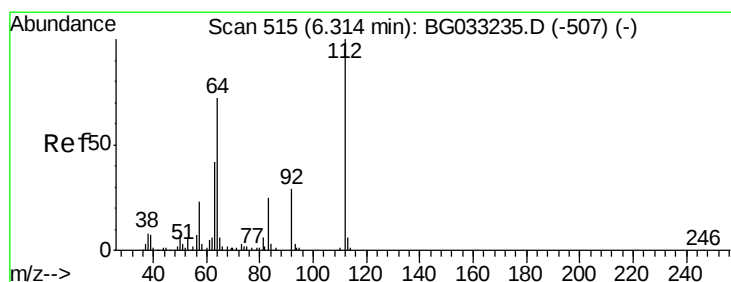
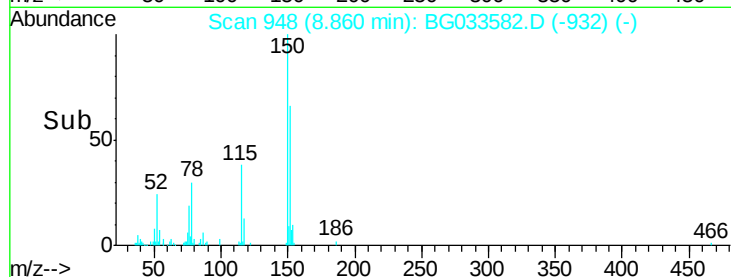
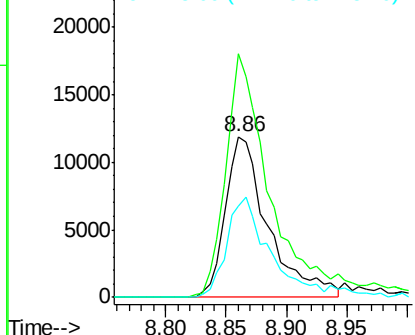


Abundance

Ion 152.00 (151.70 to 152.70): E

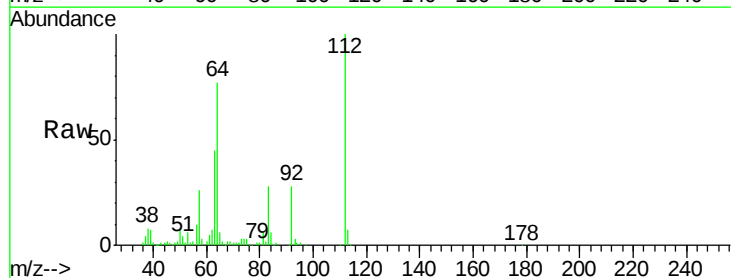
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 164.551 ng
 RT: 6.29 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BG033582.D
 Acq: 5 Apr 2018 6:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.8	56.3	84.5
63	44.5	30.1	45.1

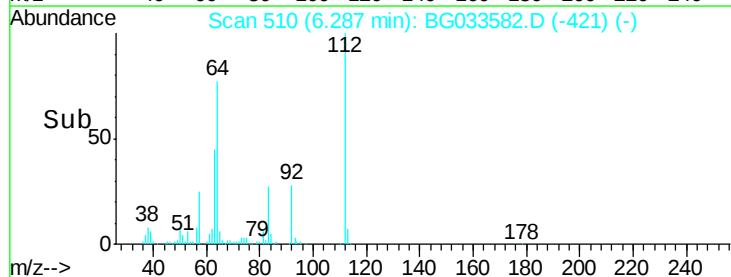
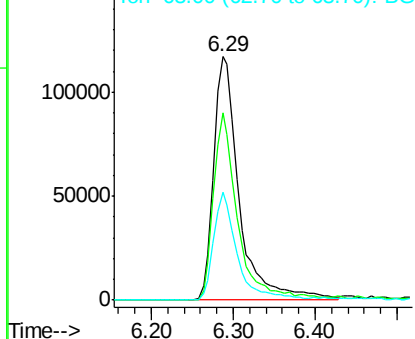


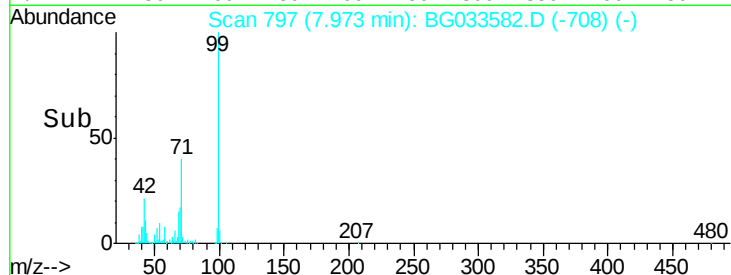
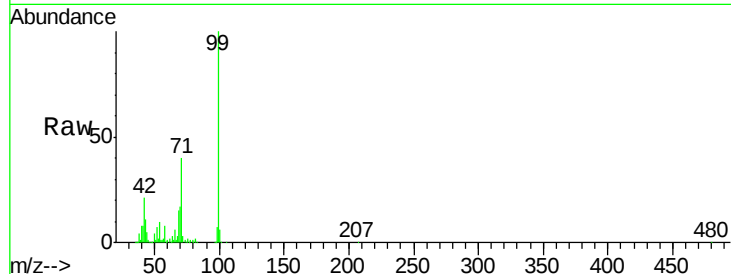
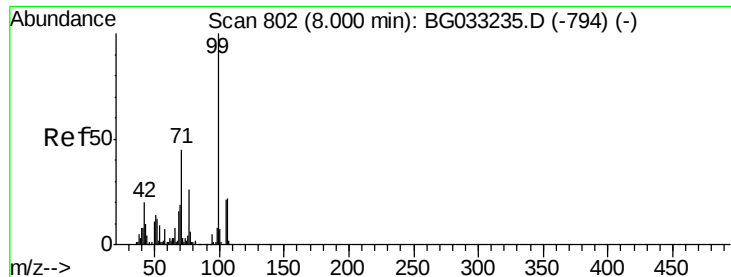
Abundance

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: 133.867 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG033582.D

Acq: 5 Apr 2018 6:19

Tot Ion:	99	Resp:	357297
Ion Ratio	Lower	Upper	
99	100		
42	20.6	14.1	21.1
71	39.8	26.1	39.1#

Instrument :

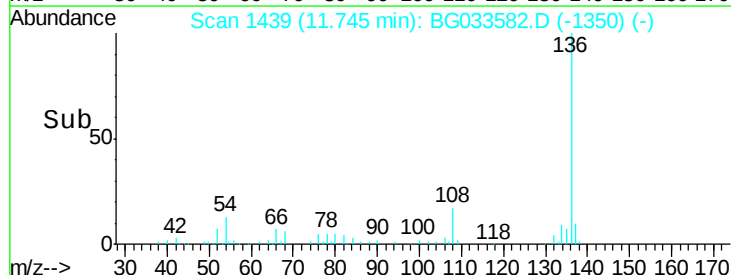
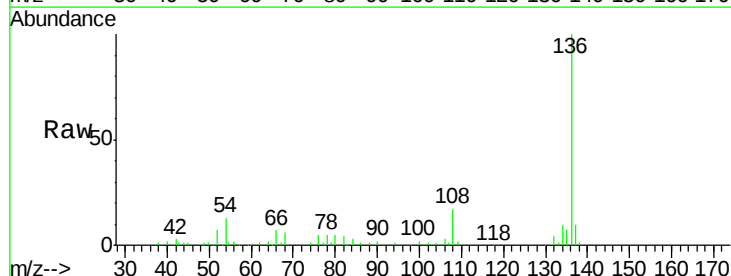
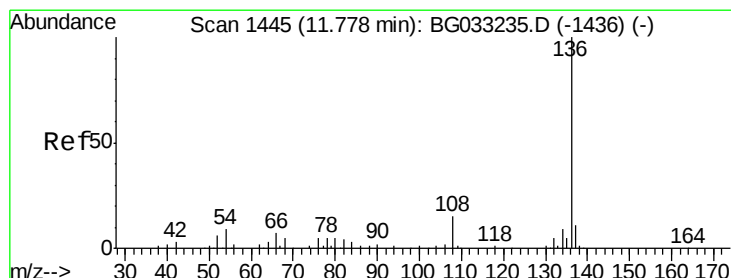
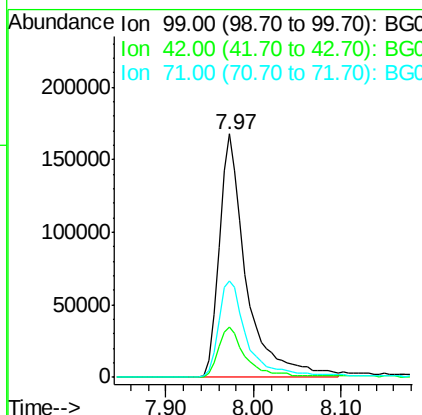
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ClientSampleId :

CHRT25895- SOIL- CONCRETE

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#21

Naphthalene-d8

Concen: 20.000 ng

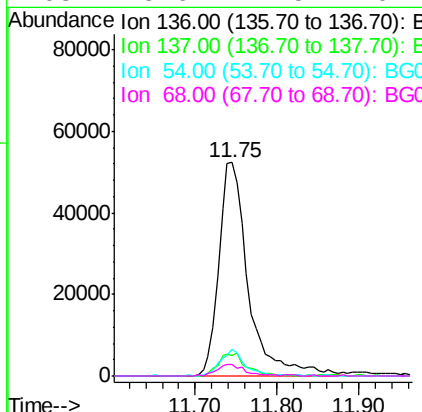
RT: 11.75 min Scan# 1439

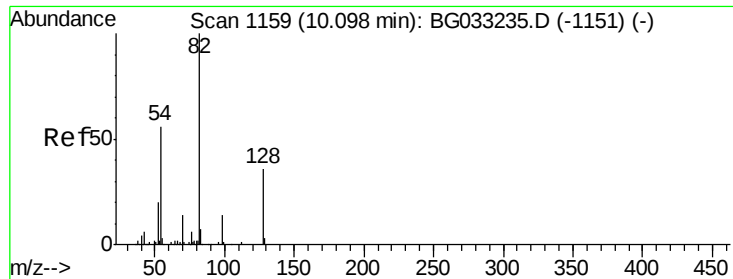
Delta R.T. -0.01 min

Lab File: BG033582.D

Acq: 5 Apr 2018 6:19

Tgt Ion:	136	Resp:	131490
Ion Ratio	Lower	Upper	
136	100		
137	9.8	9.2	13.8
54	13.3	10.3	15.5
68	5.6	4.5	6.7





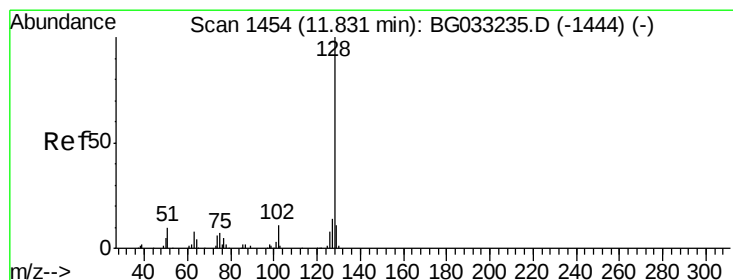
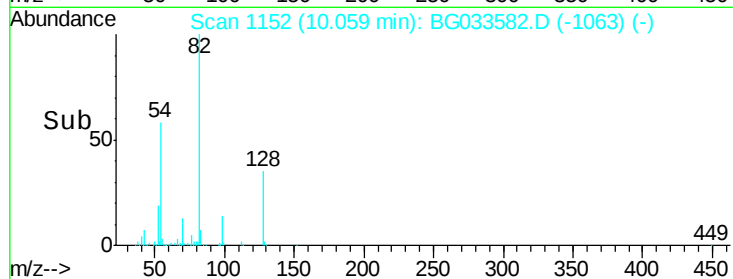
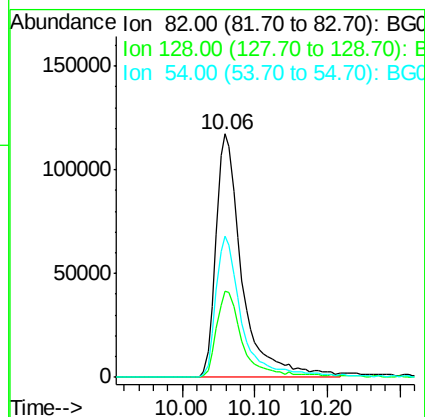
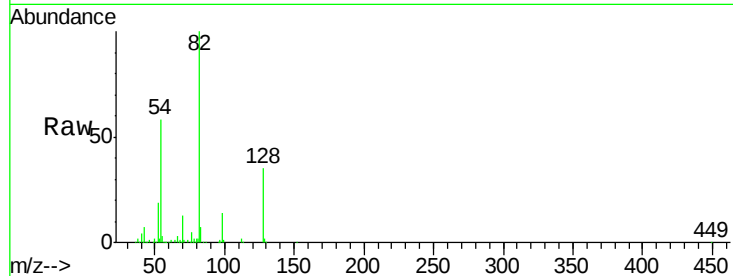
#23
Nitrobenzene-d5
Concen: 102.862 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG033582.D
Acq: 5 Apr 2018 6:19

Instrument :
BNA_G
ClientSampleId :
CHRT25895- SOIL- CONCRETE

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.4	29.7	44.5	
54	58.0	43.1	64.7	

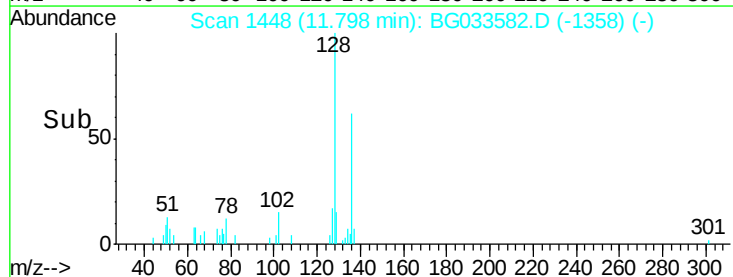
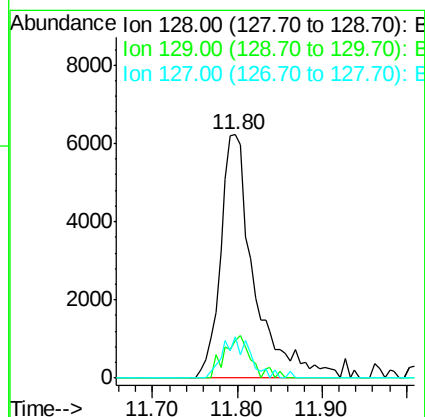
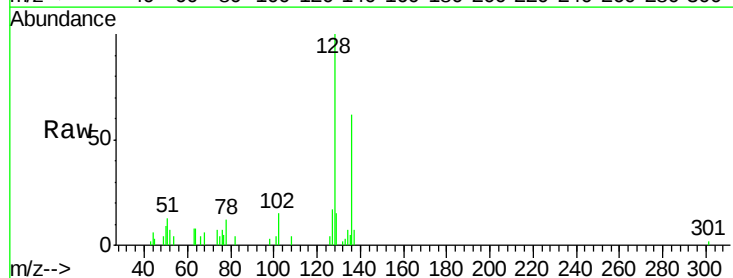
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#31
Naphthalene
Concen: 2.508 ng
RT: 11.80 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BG033582.D
Acq: 5 Apr 2018 6:19

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	15.2	8.6	12.8#	
127	16.8	11.6	17.4	





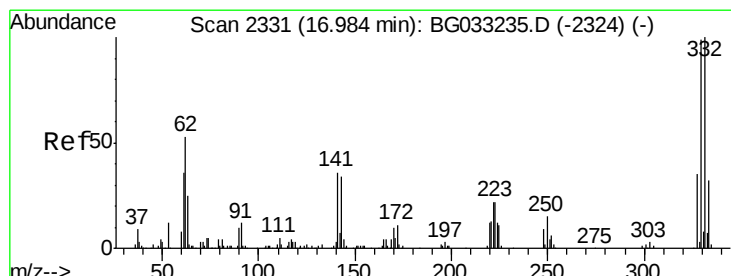
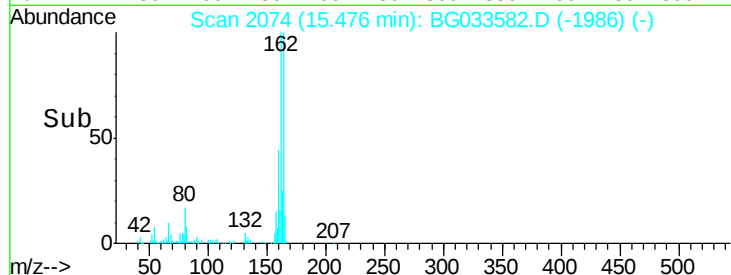
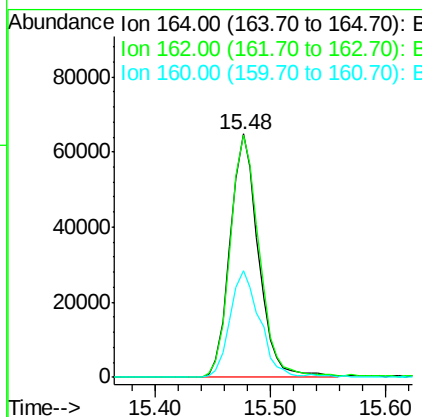
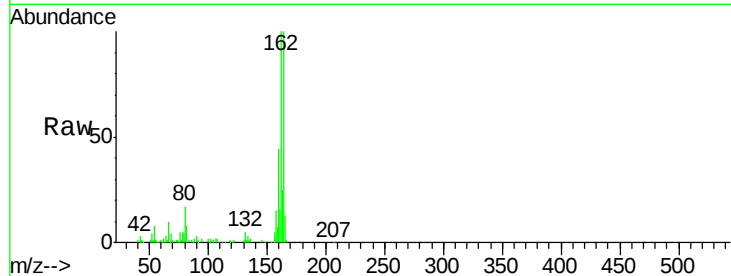
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG033582.D
 Acq: 5 Apr 2018 6:19

Instrument :
 BNA_G
 ClientSampleId :
 CHRT25895- SOIL- CONCRETE

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.7	78.8	118.2
160	43.7	35.4	53.0

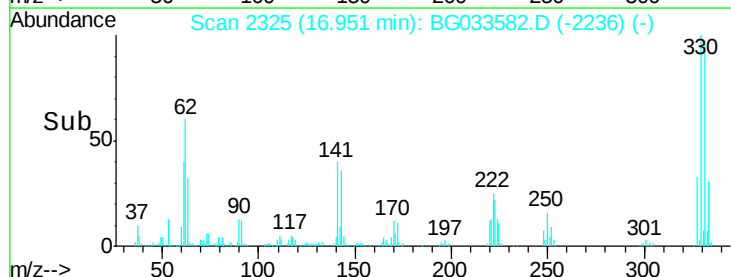
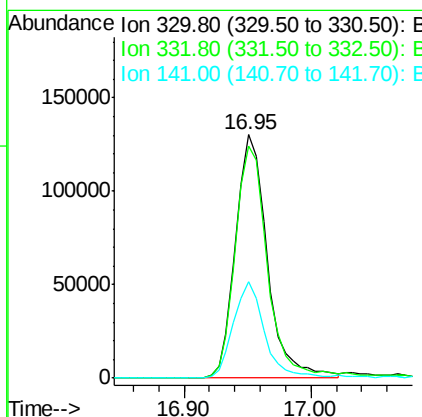
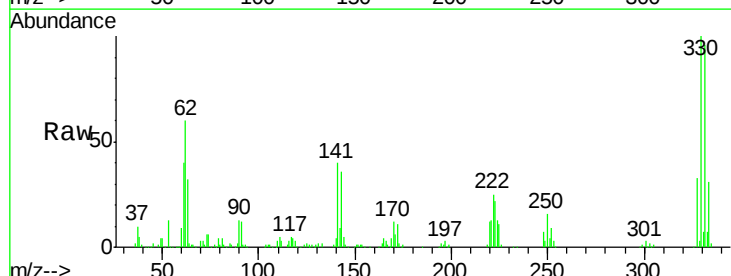
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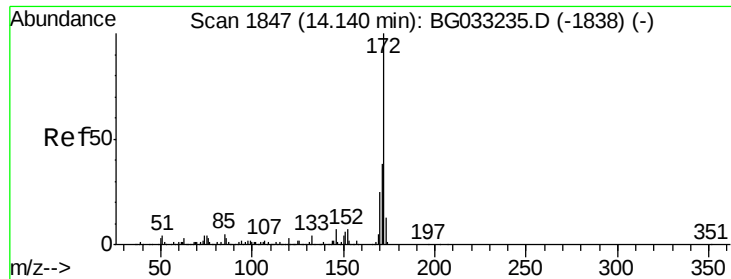
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#41
 2,4,6-Tribromophenol
 Concen: 137.154 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033582.D
 Acq: 5 Apr 2018 6:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	39.6	25.2	37.8





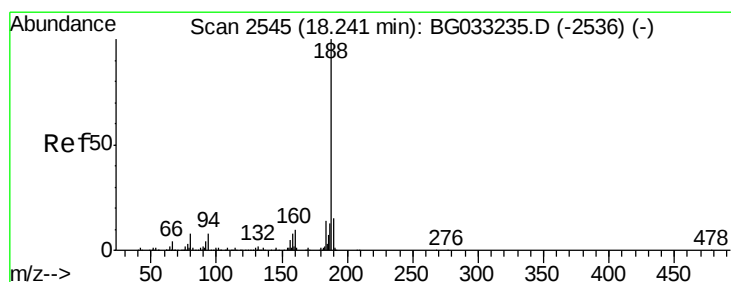
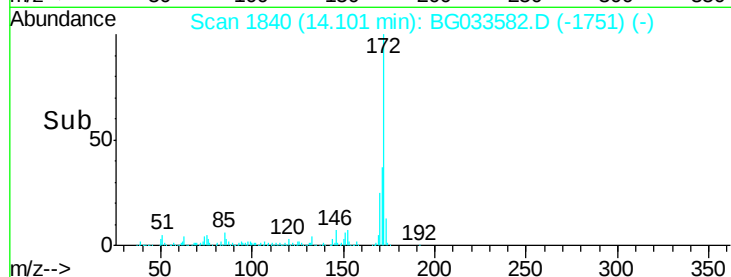
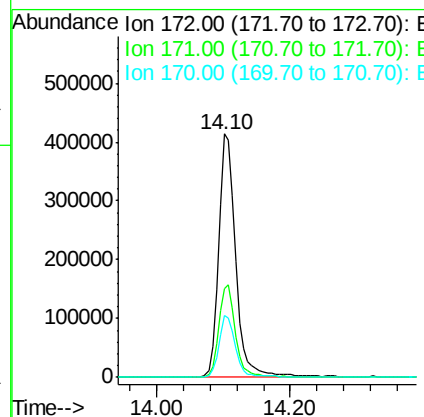
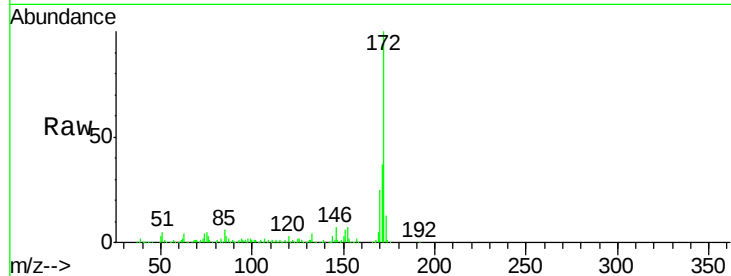
#44
2-Fluorobiphenyl
Concen: 98.352 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG033582.D
Acq: 5 Apr 2018 6:19

Instrument :
BNA_G
ClientSampleId :
CHRT25895- SOIL- CONCRETE

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	25.2	19.5	29.3

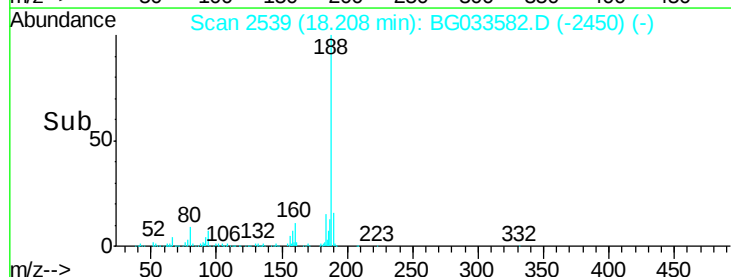
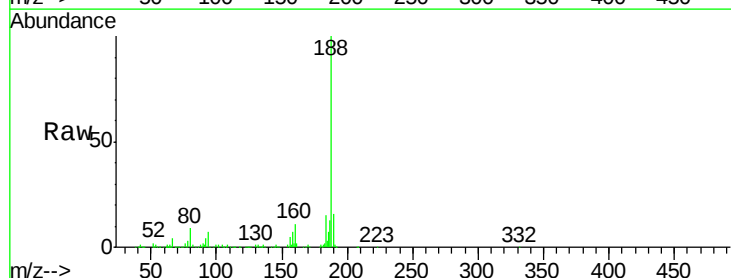
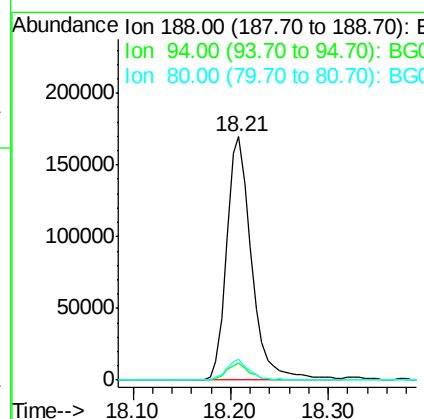
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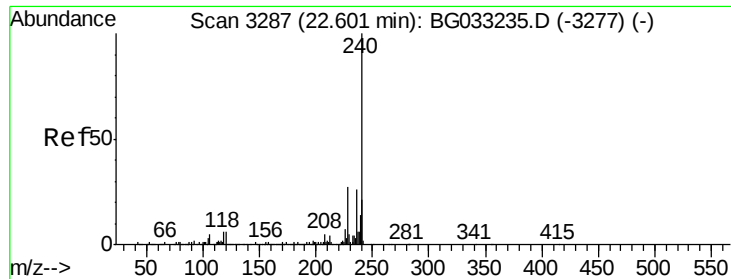
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033582.D
Acq: 5 Apr 2018 6:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	8.7	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033582.D

Acq: 5 Apr 2018 6:19

Instrument :

BNA_G

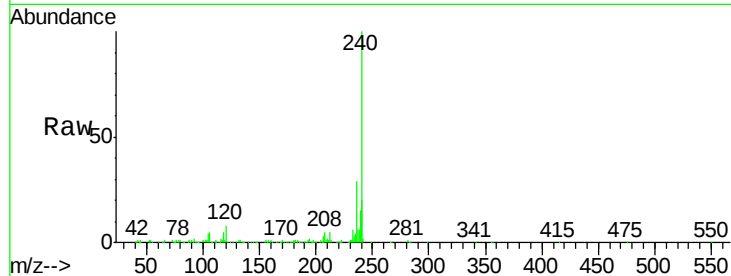
ClientSampleId :

CHRT25895- SOIL- CONCRETE

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.8	10.2
236	28.8	20.9	31.3

Manual Integrations
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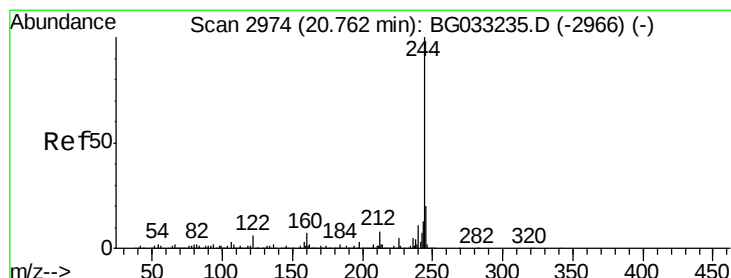
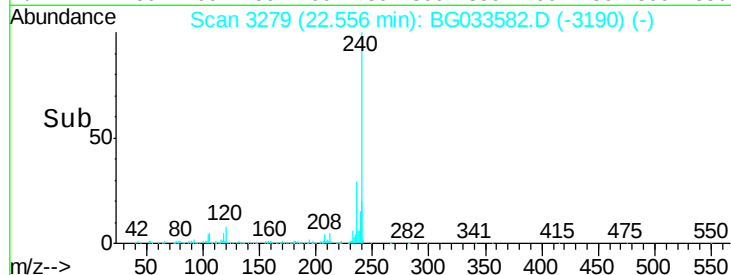
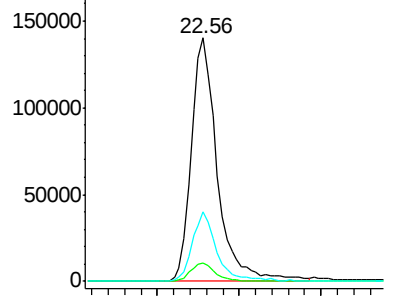
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 107.391 ng

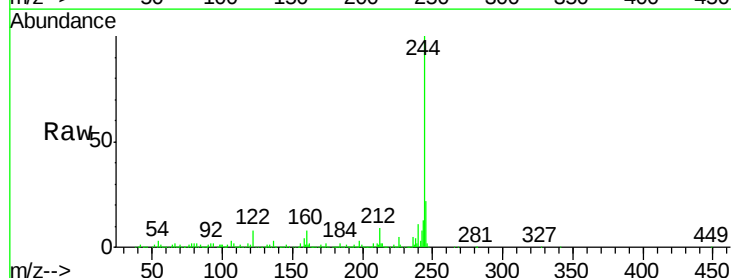
RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG033582.D

Acq: 5 Apr 2018 6:19

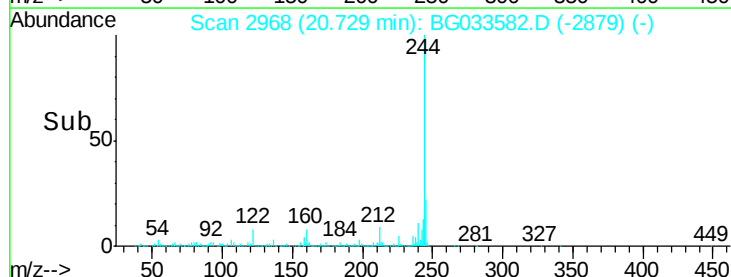
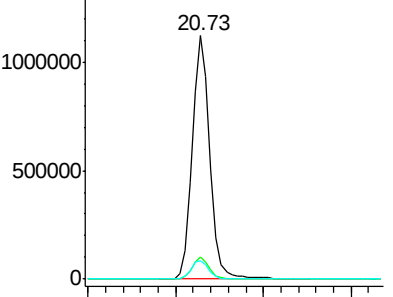
Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	7.8	7.0	10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng/ml
RT: 26.32 min Scan# 3920
Delta R.T. 0.00 min
Lab File: BG033582.D
Acq: 5 Apr 2018 6:19

Instrument :
BNA_G
ClientSampleId :
CHRT25895- SOIL- CONCRETE

Tot Ion:	264	Resp:	297268
Ion Ratio	Lower	Upper	
264	100		
260	23.3	17.4	26.0
265	20.5	17.7	26.5

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