

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
 Data File : BG032721.D
 Acq On : 15 Feb 2018 19:48
 Operator : SJ/JU
 Sample : J1550-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-CUTTINGS

Quant Time: Feb 16 02:51:18 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

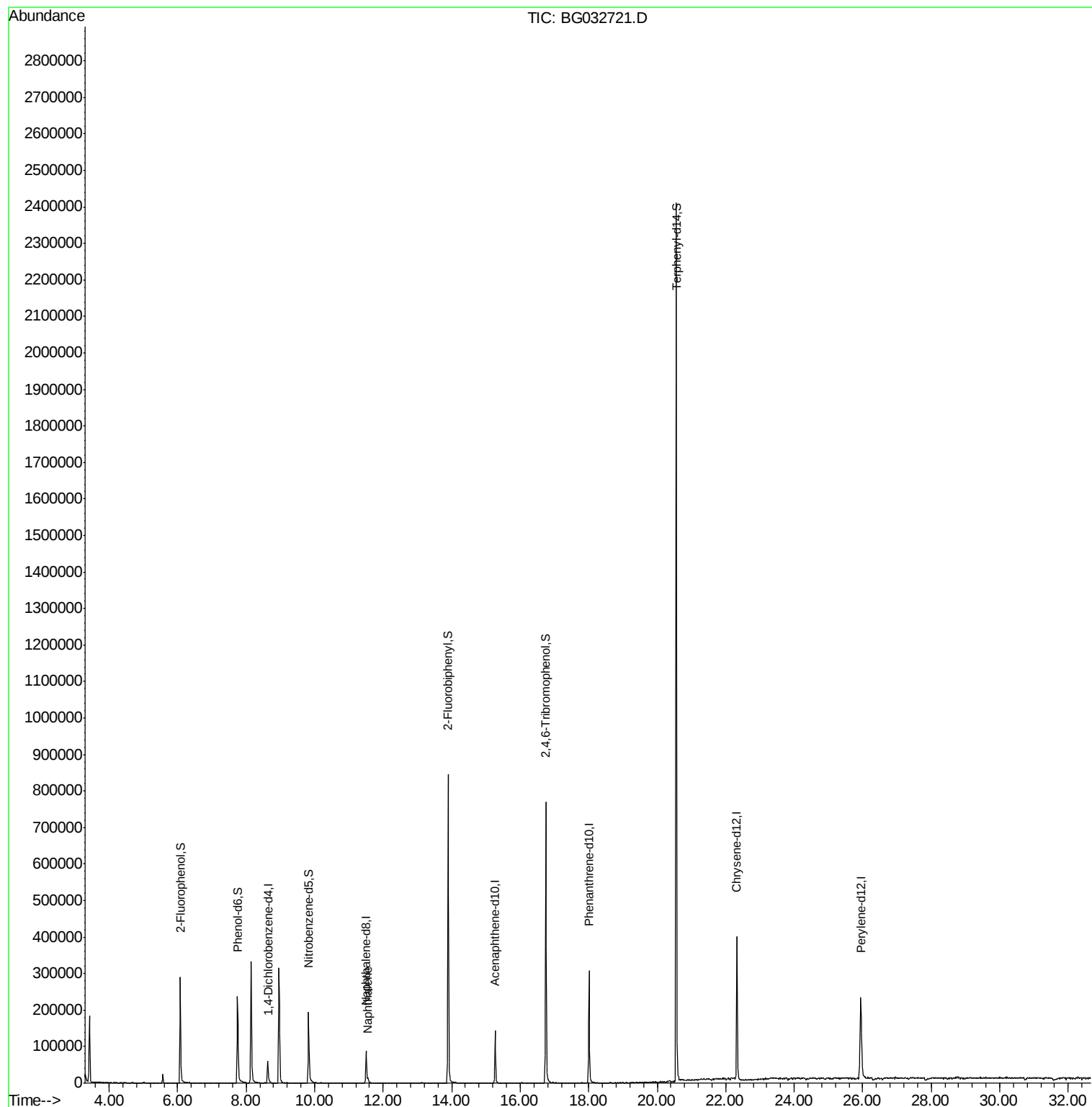
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.63	152	23708	20.00	ng	-0.05
21) Naphthalene-d8	11.50	136	100566	20.00	ng	-0.05
38) Acenaphthene-d10	15.27	164	56989	20.00	ng	-0.04
63) Phenanthrene-d10	18.01	188	224216	20.00	ng	-0.04
75) Chrysene-d12	22.33	240	302286	20.00	ng	-0.05
86) Perylene-d12	25.95	264	320828	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	145906	123.48	ng	-0.04
7) Phenol-d6	7.75	99	156753	97.01	ng	-0.05
23) Nitrobenzene-d5	9.82	82	133500	84.37	ng	-0.05
41) 2,4,6-Tribromophenol	16.75	330	188940	215.31	ng	-0.04
44) 2-Fluorobiphenyl	13.90	172	538600	118.19	ng	-0.04
78) Terphenyl-d14	20.56	244	1254667	94.60	ng	-0.03
Target Compounds						
31) Naphthalene	11.56	128	12505	2.561	ng	Qvalue 97

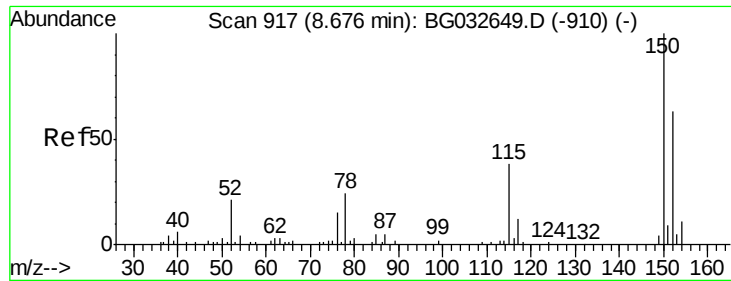
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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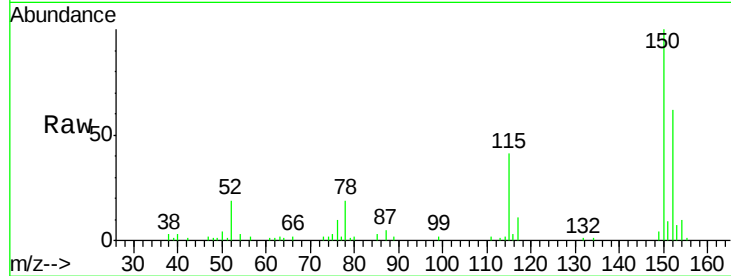


#1

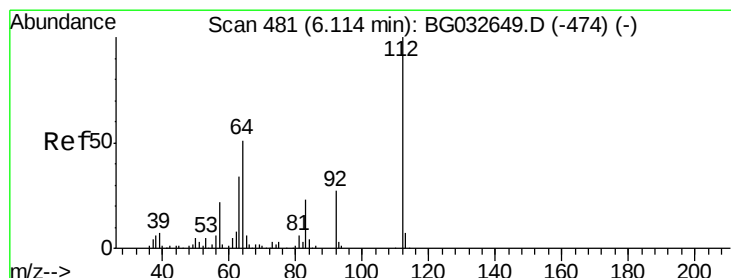
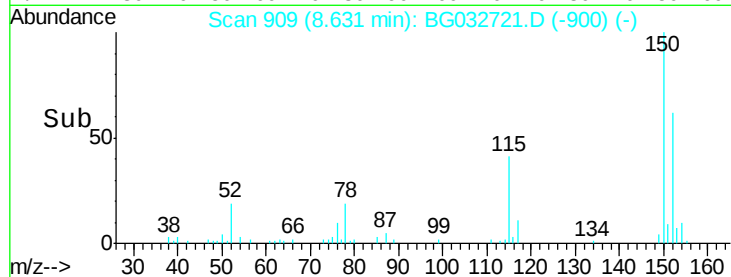
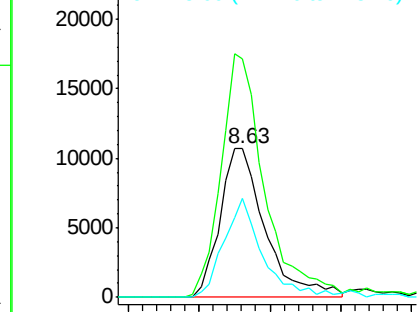
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.05 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS

Tot Ion:152 Resp: 23708
Ion Ratio Lower Upper
152 100
150 160.6 126.6 189.8
115 66.4 53.0 79.4



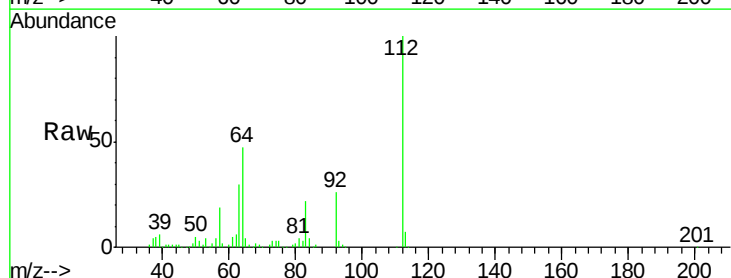
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



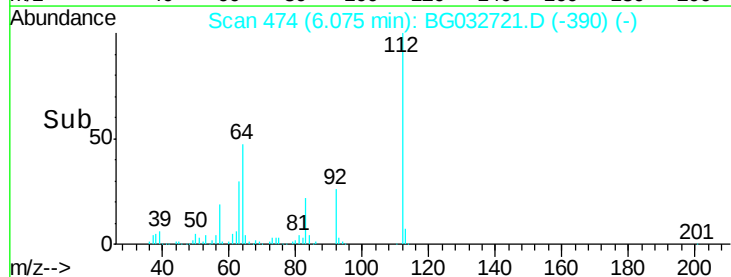
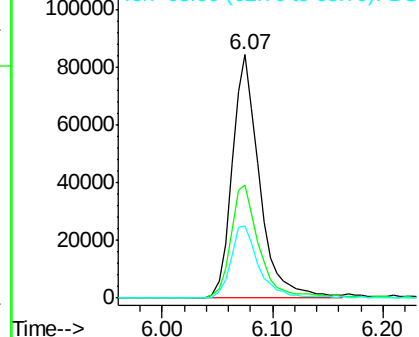
#5

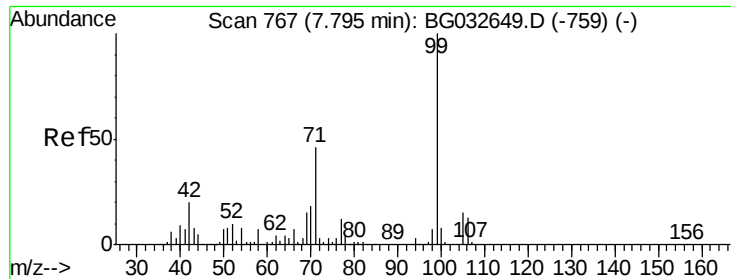
2-Fluorophenol
Concen: 123.477 ng
RT: 6.07 min Scan# 474
Delta R.T. -0.04 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

Tgt Ion:112 Resp: 145906
Ion Ratio Lower Upper
112 100
64 46.7 56.3 84.5#
63 29.7 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: 97.014 ng

RT: 7.75 min Scan# 759

Delta R.T. -0.05 min

Lab File: BG032721.D

Acq: 15 Feb 2018 19:48

Instrument :

BNA_G

ClientSampleId :

SOIL-CUTTINGS

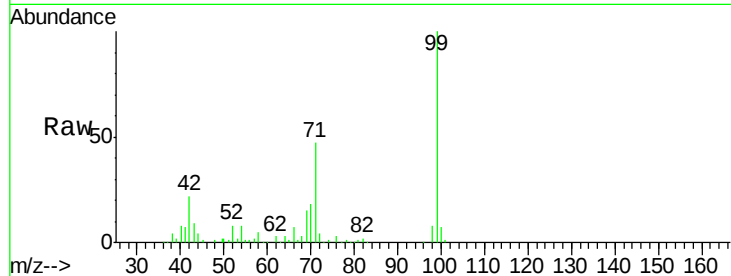
Tot Ion: 99 Resp: 156753

Ion Ratio Lower Upper

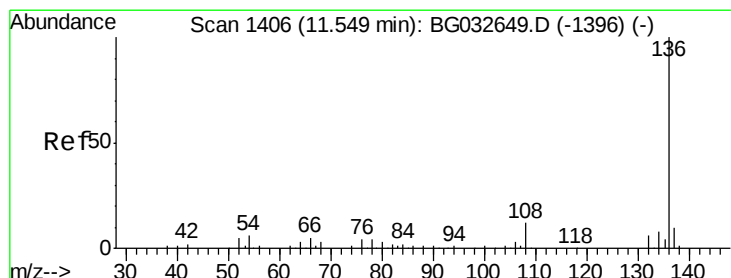
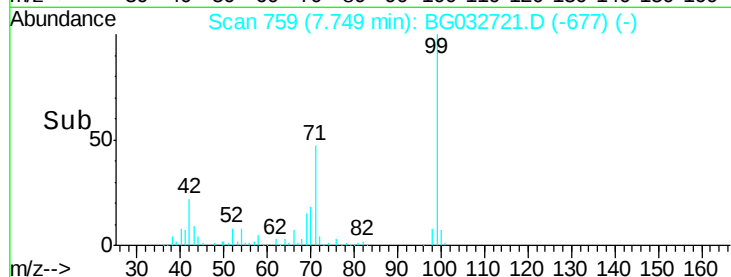
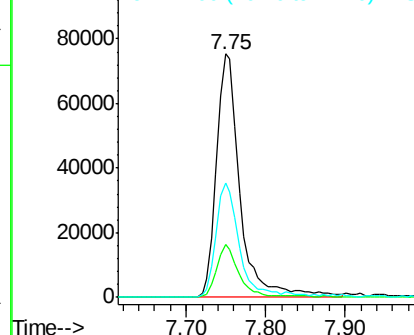
99 100

42 21.7 14.1 21.1#

71 47.1 26.1 39.1#



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: 20.000 ng

RT: 11.50 min Scan# 1398

Delta R.T. -0.05 min

Lab File: BG032721.D

Acq: 15 Feb 2018 19:48

Tgt Ion: 136 Resp: 100566

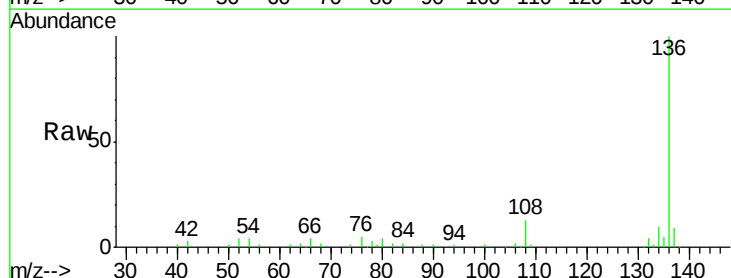
Ion Ratio Lower Upper

136 100

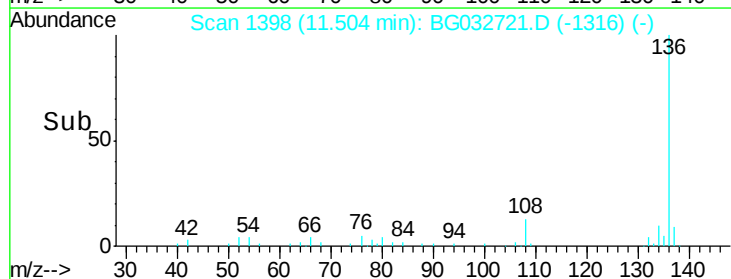
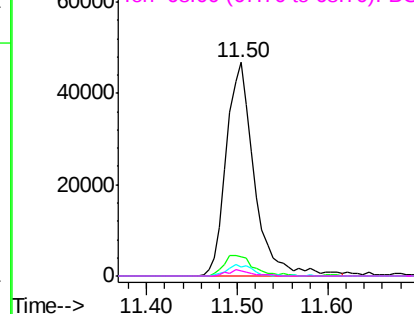
137 9.0 9.2 13.8#

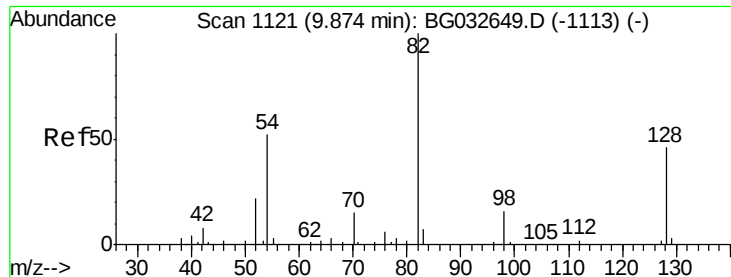
54 4.4 10.3 15.5#

68 2.3 4.5 6.7#



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

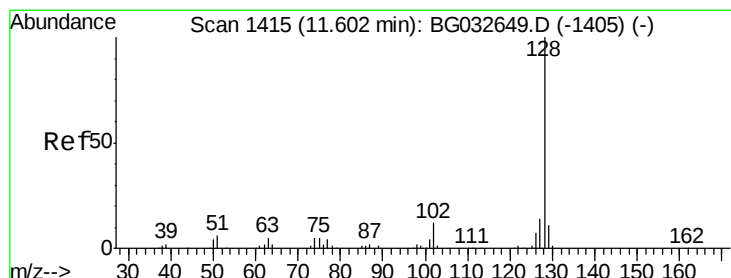
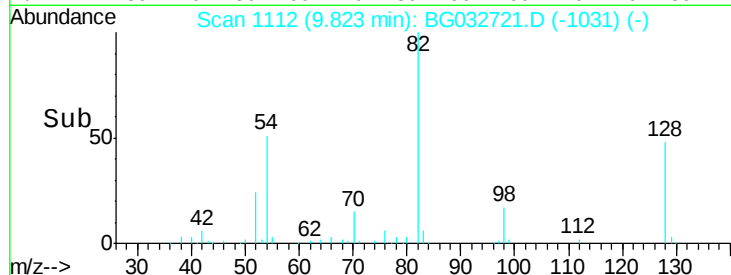
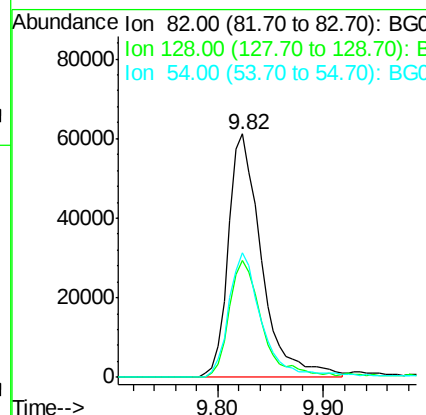
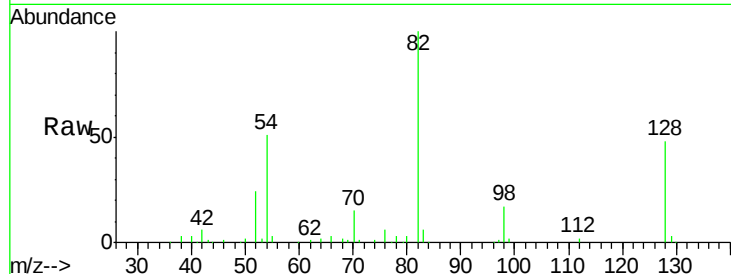




#23
 Nitrobenzene-d5
 Concen: 84.369 ng
 RT: 9.82 min Scan# 1112
 Delta R.T. -0.05 min
 Lab File: BG032721.D
 Acq: 15 Feb 2018 19:48

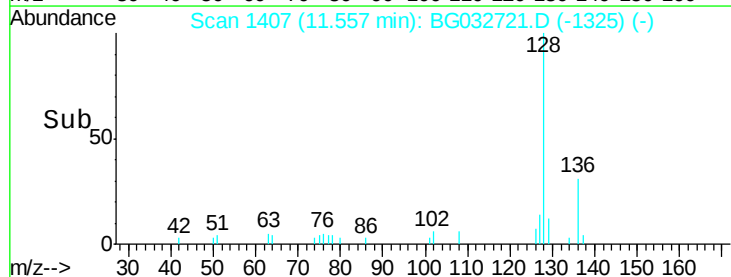
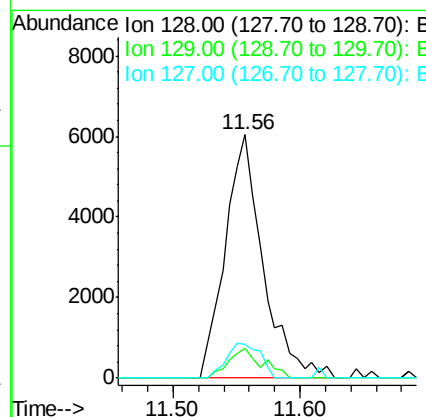
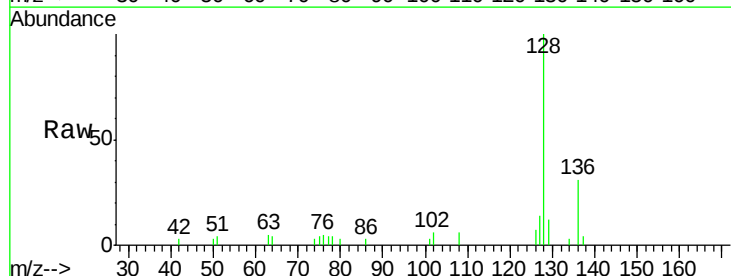
Instrument :
 BNA_G
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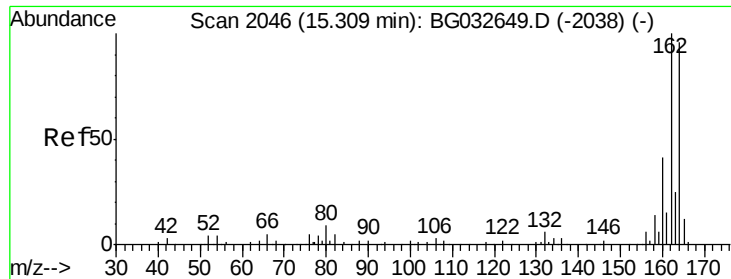
Tot Ion	82	Resp	133500
Ion Ratio	100	Lower	Upper
128	48.0	29.7	44.5#
54	51.4	43.1	64.7



#31
 Naphthalene
 Concen: 2.561 ng
 RT: 11.56 min Scan# 1407
 Delta R.T. -0.05 min
 Lab File: BG032721.D
 Acq: 15 Feb 2018 19:48

Tgt Ion	128	Resp	12505
Ion Ratio	100	Lower	Upper
129	12.0	8.6	12.8
127	13.7	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.27 min Scan# 2039

Delta R.T. -0.04 min

Lab File: BG032721.D

Acq: 15 Feb 2018 19:48

Instrument :

BNA_G

ClientSampleId :

SOIL-CUTTINGS

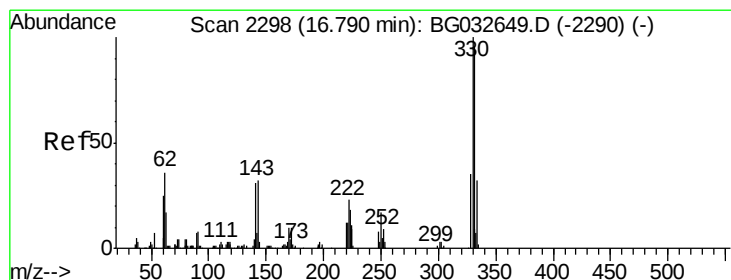
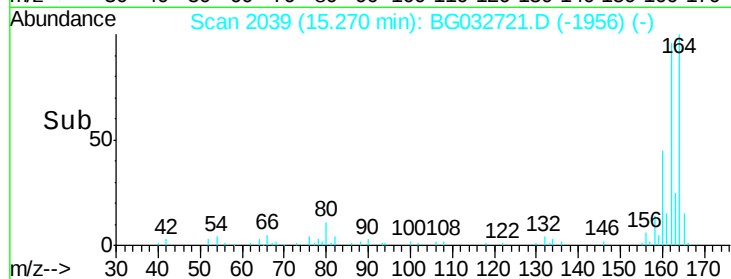
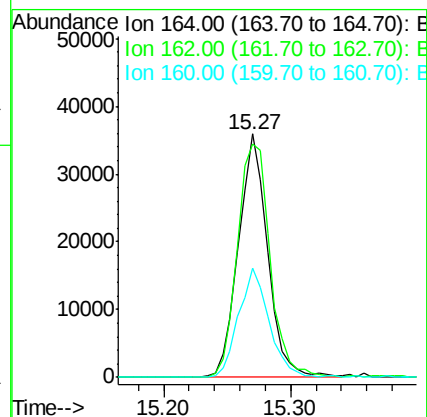
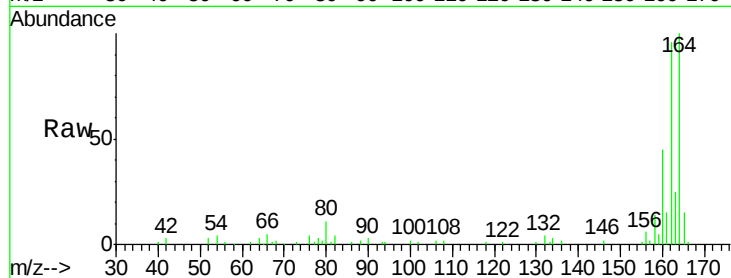
Tot Ion:164 Resp: 56989

Ion Ratio Lower Upper

164 100

162 95.7 78.8 118.2

160 44.7 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 215.314 ng

RT: 16.75 min Scan# 2291

Delta R.T. -0.04 min

Lab File: BG032721.D

Acq: 15 Feb 2018 19:48

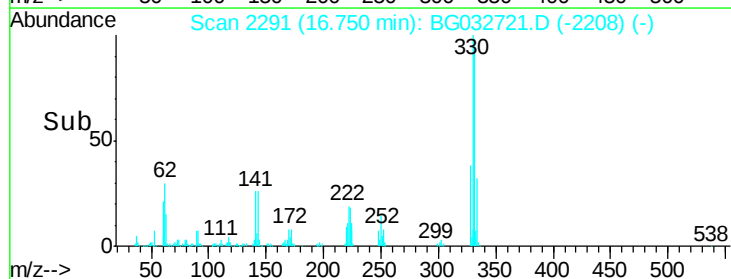
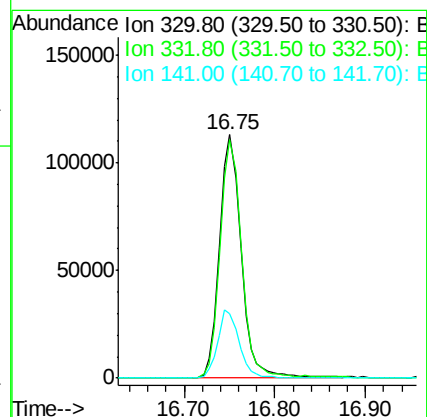
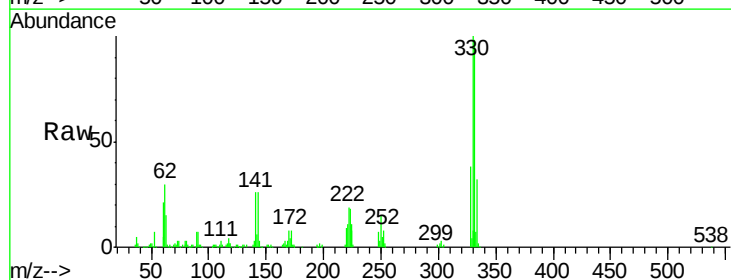
Tgt Ion:330 Resp: 188940

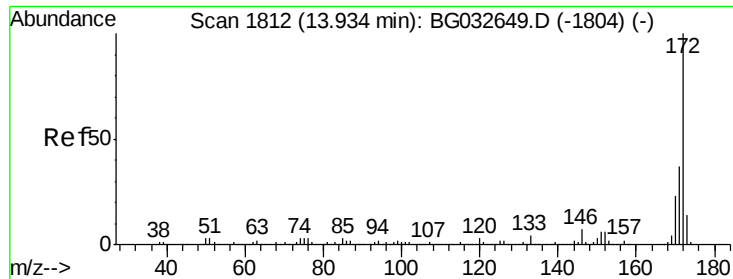
Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

141 27.7 25.2 37.8

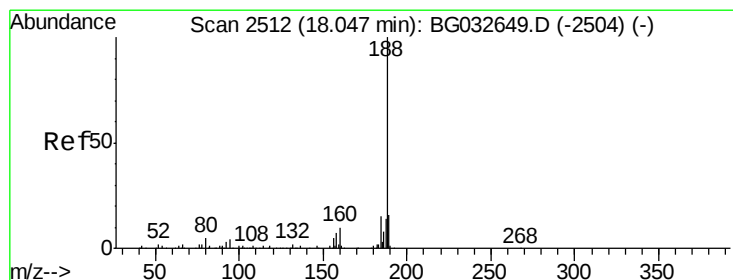
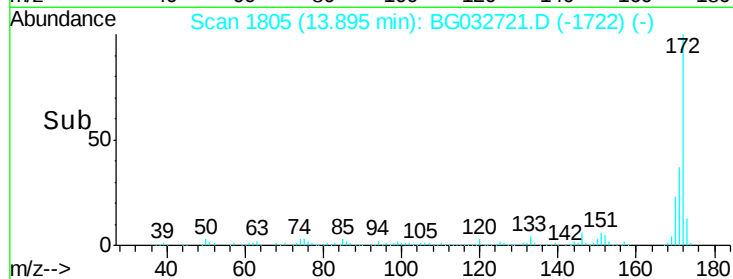
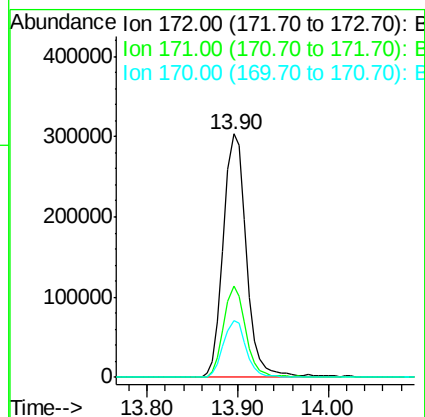
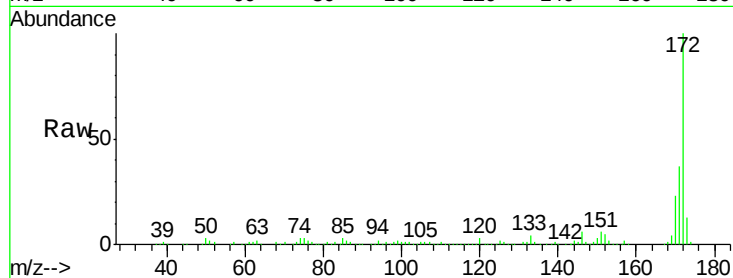




#44
 2-Fluorobiphenyl
 Concen: 118.187 ng
 RT: 13.90 min Scan# 1805
 Delta R.T. -0.04 min
 Lab File: BG032721.D
 Acq: 15 Feb 2018 19:48

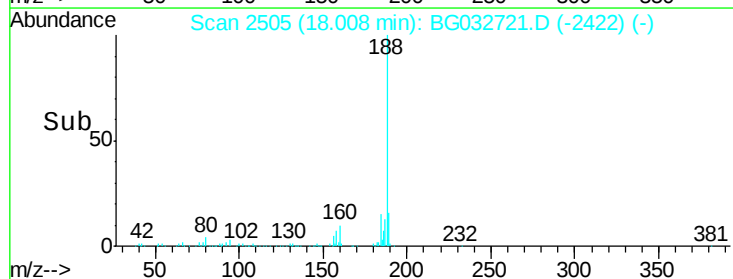
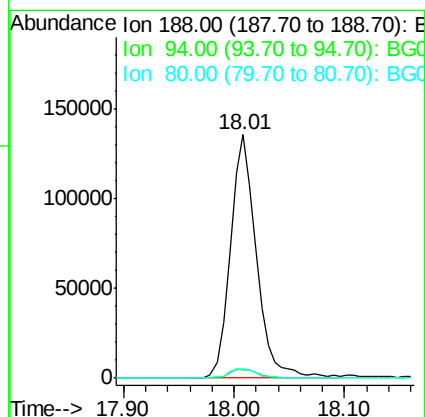
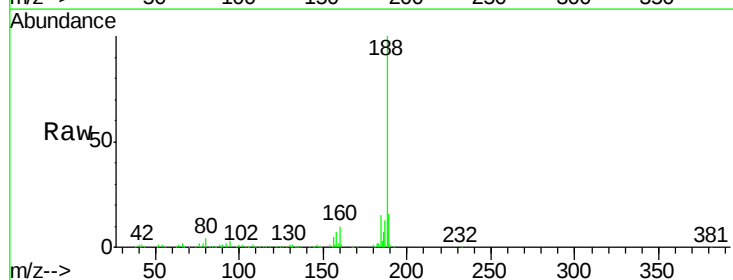
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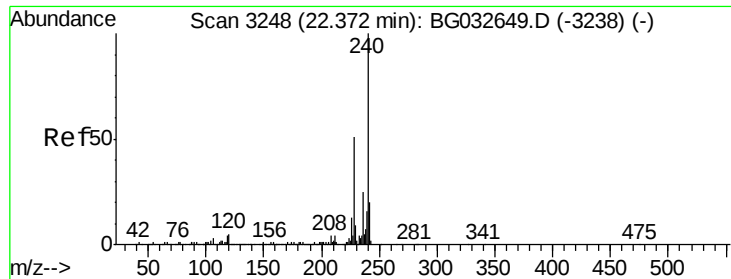
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	23.2	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.01 min Scan# 2505
 Delta R.T. -0.04 min
 Lab File: BG032721.D
 Acq: 15 Feb 2018 19:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	3.5	6.9	10.3#
80	3.9	7.7	11.5#

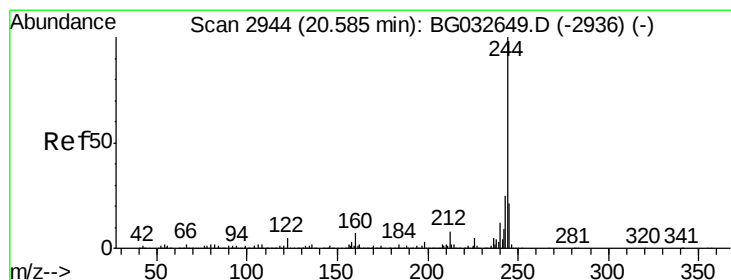
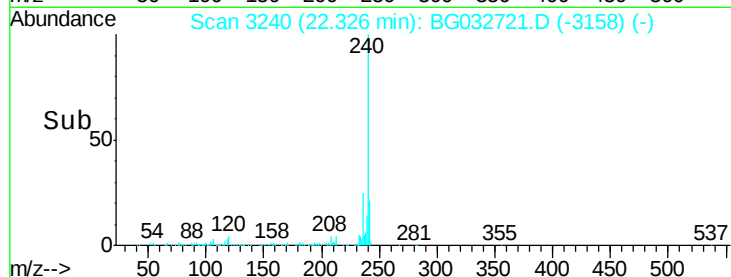
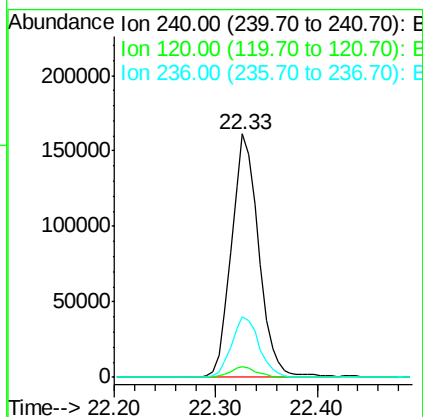
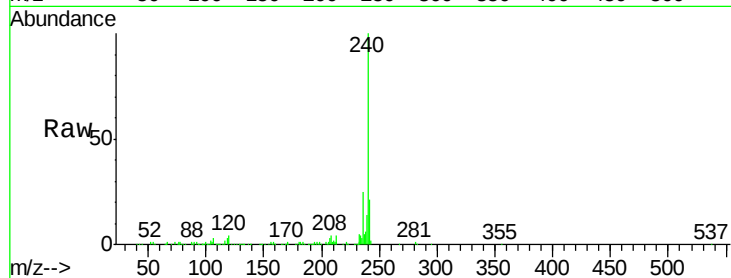




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.33 min Scan# 3240
Delta R.T. -0.05 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

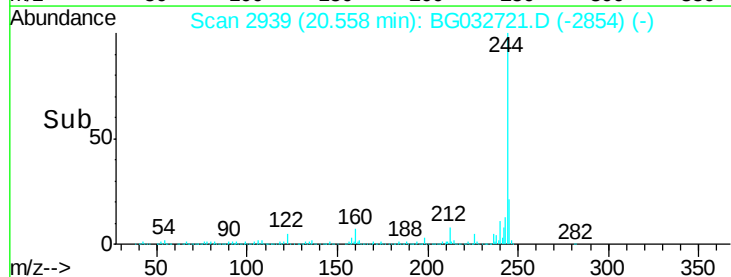
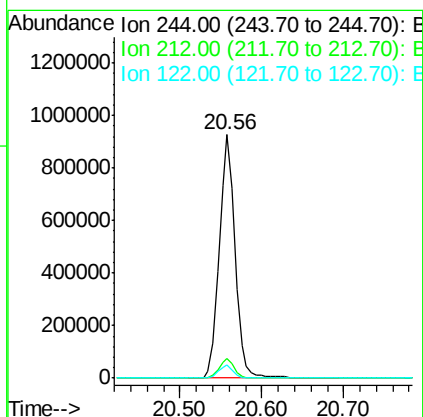
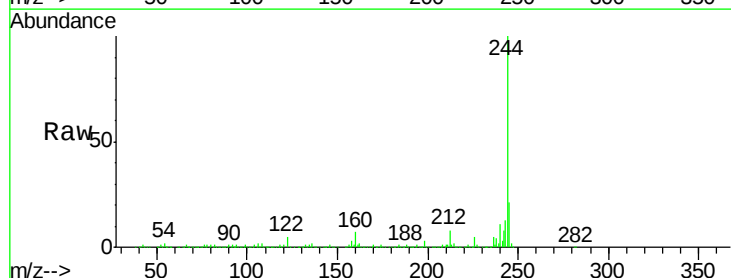
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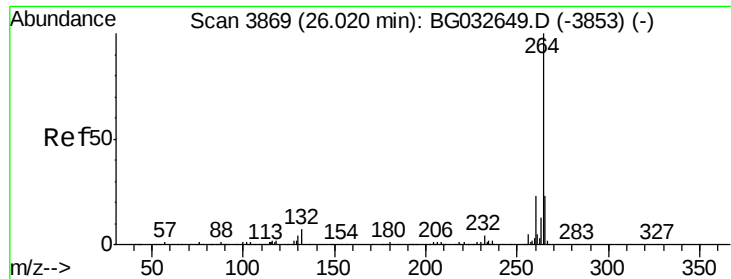
Tot Ion:240 Resp: 302286
Ion Ratio Lower Upper
240 100
120 4.3 6.8 10.2#
236 24.7 20.9 31.3



#78
Terphenyl-d14
Concen: 94.601 ng
RT: 20.56 min Scan# 2939
Delta R.T. -0.03 min
Lab File: BG032721.D
Acq: 15 Feb 2018 19:48

Tgt Ion:244 Resp: 1254667
Ion Ratio Lower Upper
244 100
212 8.0 5.8 8.8
122 5.4 7.0 10.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.95 min Scan# 3856
 Delta R.T. -0.07 min
 Lab File: BG032721.D
 Acq: 15 Feb 2018 19:48

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	19.8	17.7	26.5

