

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061217\
 Data File : BG027381.D
 Acq On : 12 Jun 2017 18:49
 Operator : SJ/MA
 Sample : I3586-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CORE-SAMPLE-NRL-65

Quant Time: Jun 13 04:17:34 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	51188	20.00	ng	-0.03
21) Naphthalene-d8	11.36	136	217545	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	129781	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	339983	20.00	ng	-0.04
75) Chrysene-d12	22.25	240	387750	20.00	ng	-0.06
86) Perylene-d12	25.92	264	352853	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	526348	156.91	ng	-0.02
7) Phenol-d6	7.68	99	658215	133.67	ng	-0.02
23) Nitrobenzene-d5	9.70	82	444573	128.52	ng	-0.04
41) 2,4,6-Tribromophenol	16.61	330	349536	204.53	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	984575	106.13	ng	-0.04
78) Terphenyl-d14	20.45	244	1823999	120.00	ng	-0.04

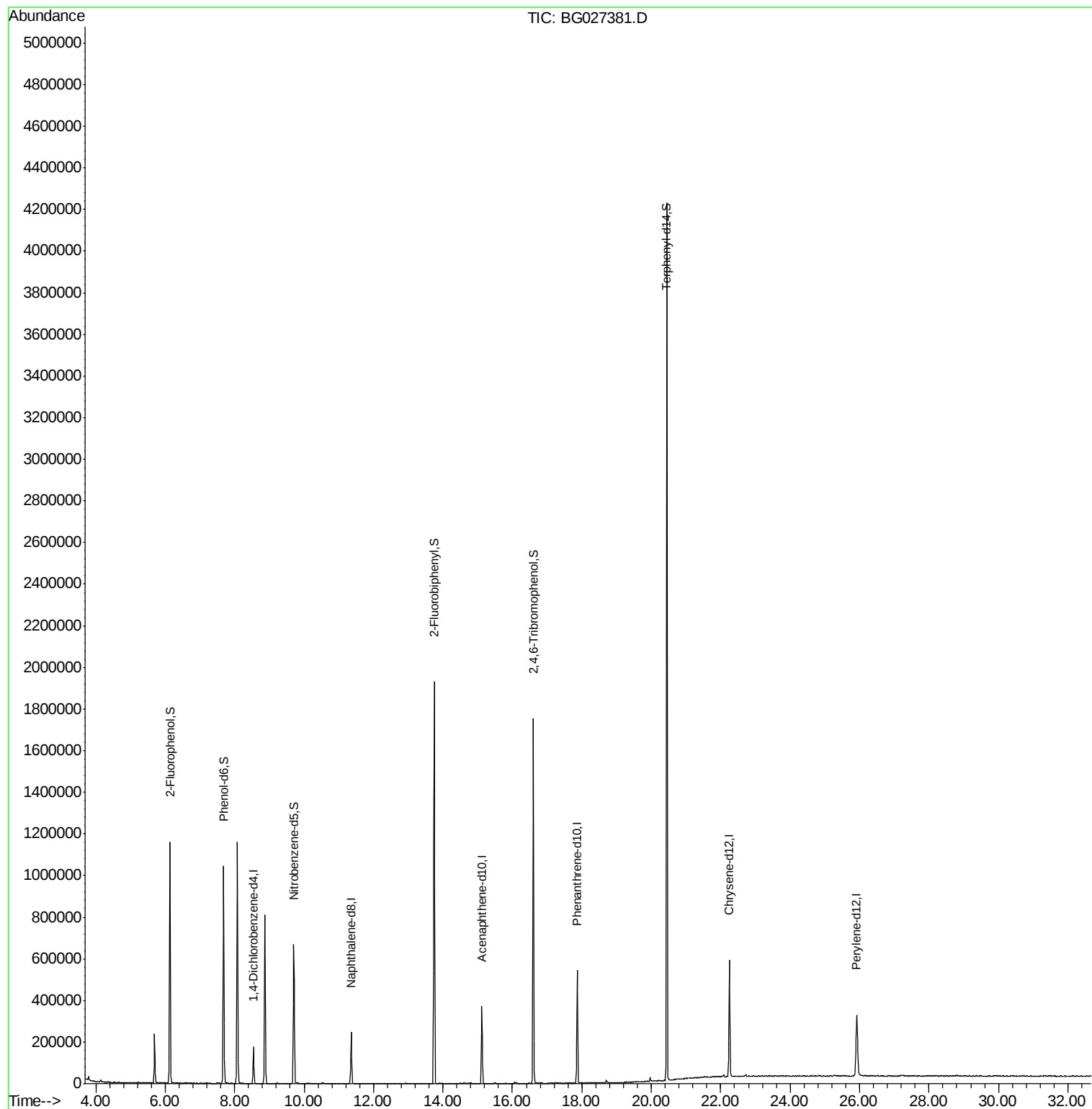
Target Compounds	Qvalue
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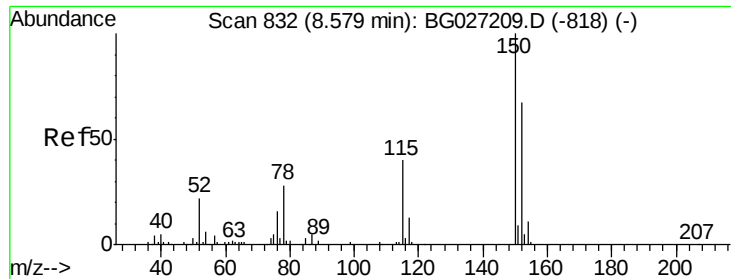
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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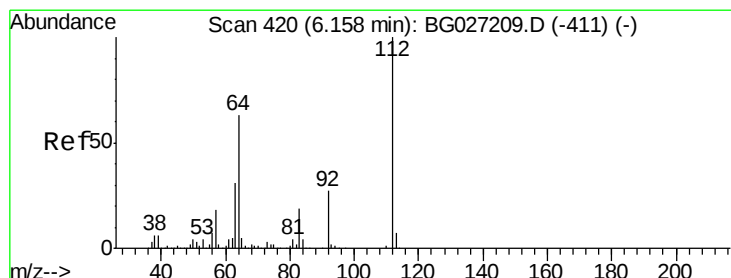
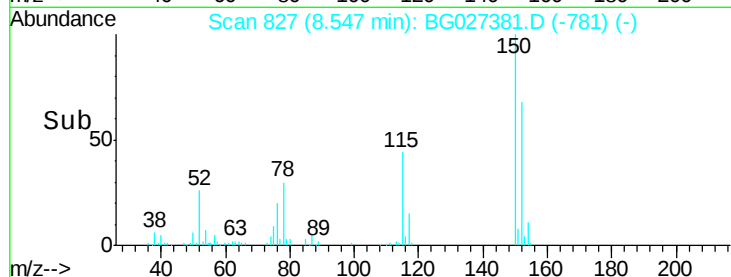
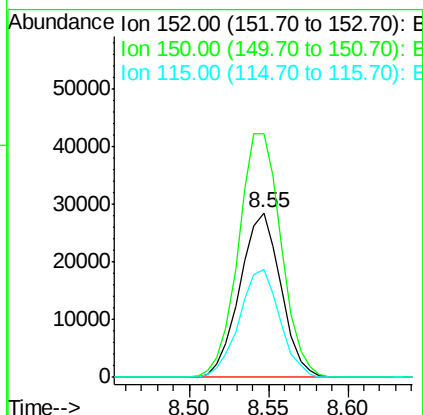
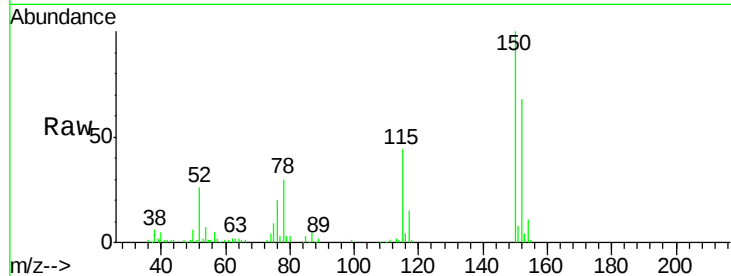


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.55 min Scan# 827
Delta R.T. -0.03 min
Lab File: BG027381.D
Acq: 12 Jun 2017 18:49

Instrument :
BNA_G
ClientSampleId :
CORE-SAMPLE-NRL-65

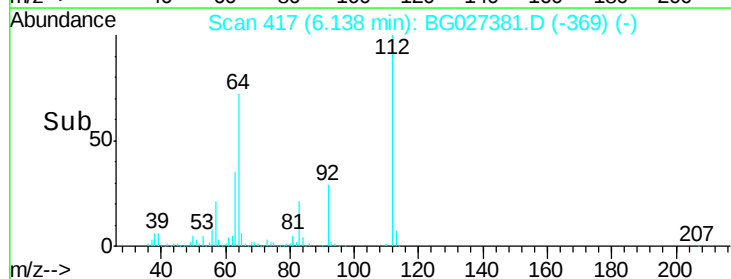
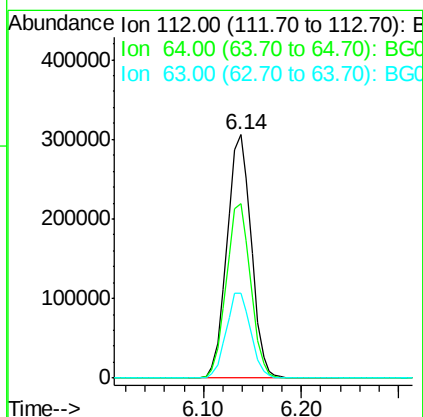
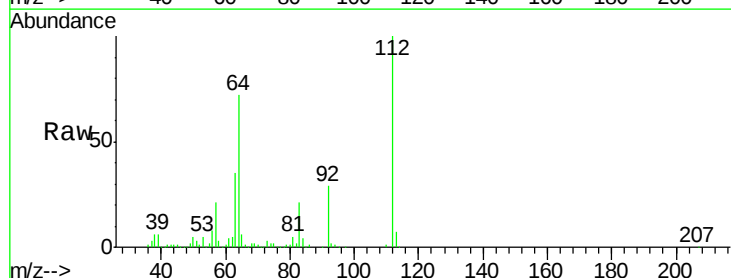
Tgt Ion:152 Resp: 51188
Ion Ratio Lower Upper
152 100
150 147.9 114.0 171.0
115 65.8 48.1 72.1

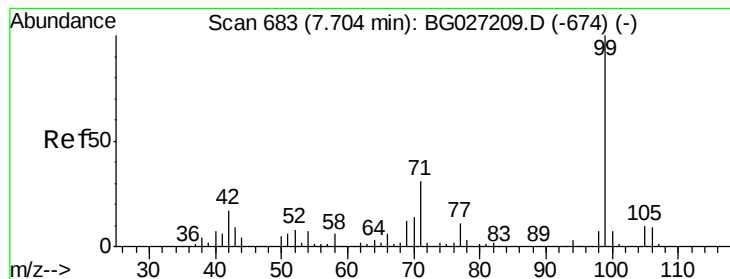


#5

2-Fluorophenol
Concen: 156.910 ng
RT: 6.14 min Scan# 417
Delta R.T. -0.02 min
Lab File: BG027381.D
Acq: 12 Jun 2017 18:49

Tgt Ion:112 Resp: 526348
Ion Ratio Lower Upper
112 100
64 71.5 61.8 92.6
63 35.1 37.2 55.8#





#7

Phenol-d6

Concen: 133.675 ng

RT: 7.68 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG027381.D

Acq: 12 Jun 2017 18:49

Instrument :

BNA_G

ClientSampleId :

CORE-SAMPLE-NRL-65

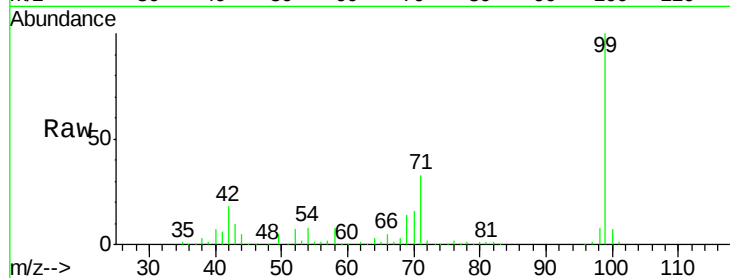
Tgt Ion: 99 Resp: 658215

Ion Ratio Lower Upper

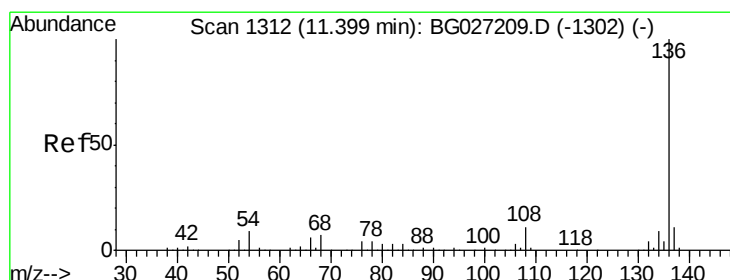
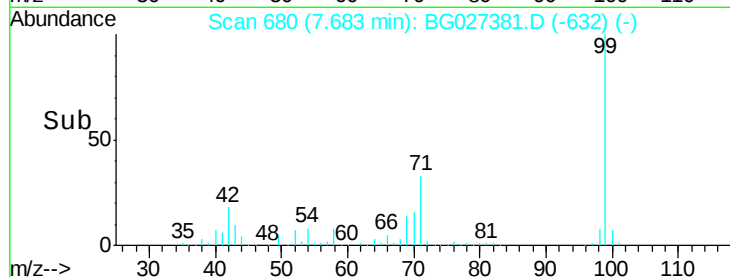
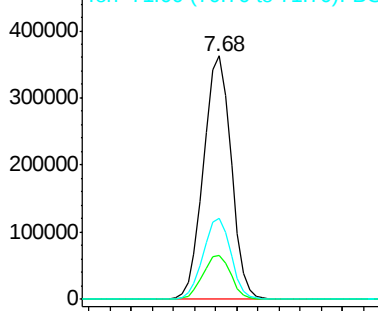
99 100

42 18.2 20.5 30.7#

71 33.4 37.6 56.4#



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: 11.36 min Scan# 1306

Delta R.T. -0.04 min

Lab File: BG027381.D

Acq: 12 Jun 2017 18:49

Tgt Ion: 136 Resp: 217545

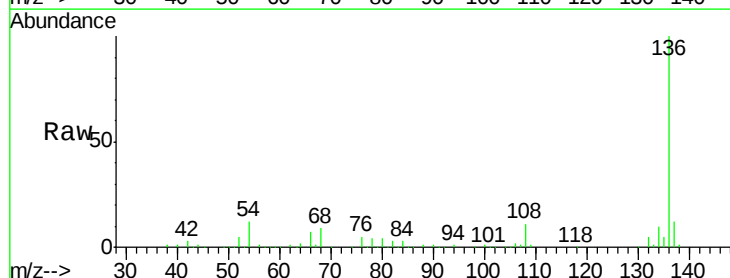
Ion Ratio Lower Upper

136 100

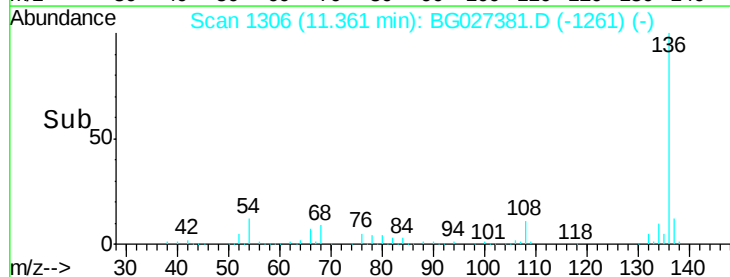
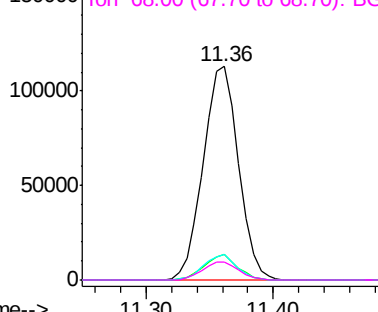
137 11.8 8.9 13.3

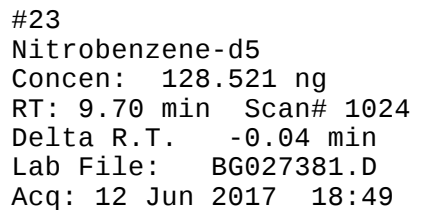
54 11.7 9.3 13.9

68 8.6 5.1 7.7#



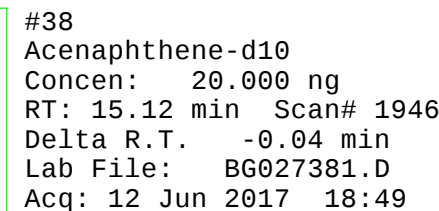
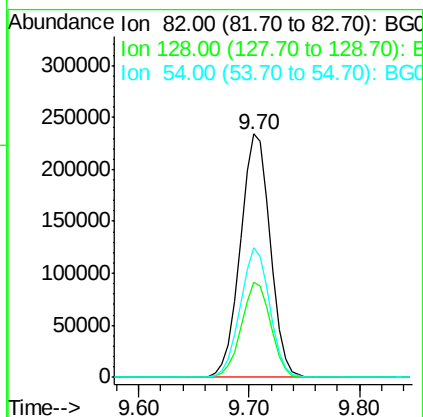
Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



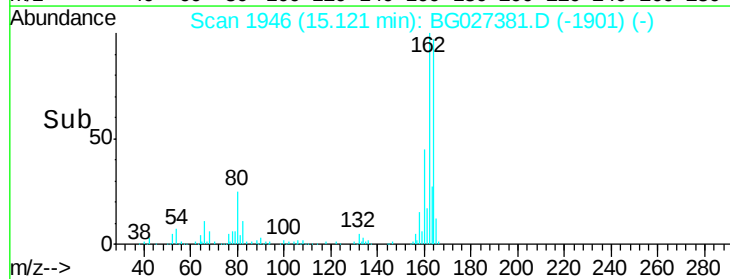
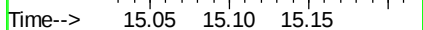
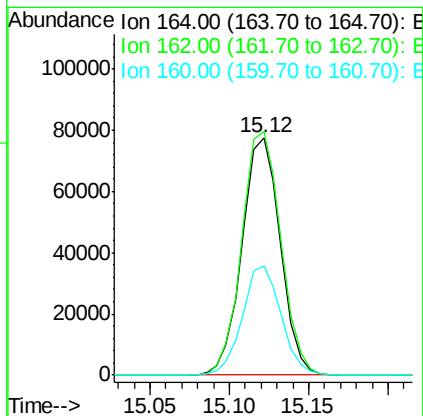


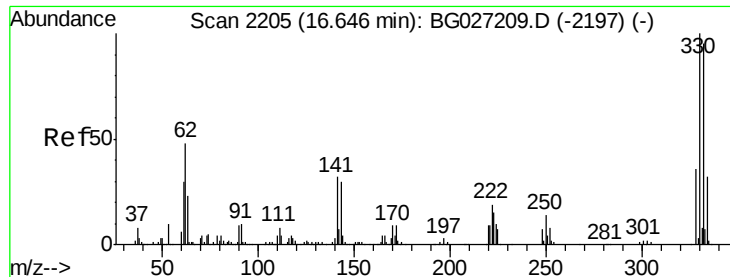
Instrument :
BNA_G
ClientSampleId :
CORE-SAMPLE-NRL-65

Tgt	Ion: 82	Resp:	444573
Ion	Ratio	Lower	Upper
82	100		
128	38.9	26.4	39.6
54	53.4	49.4	74.2



Tgt	Ion:164	Resp:	129781
Ion	Ratio	Lower	Upper
164	100		
162	102.6	85.1	127.7
160	46.3	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 204.528 ng

RT: 16.61 min Scan# 2199

Delta R.T. -0.04 min

Lab File: BG027381.D

Acq: 12 Jun 2017 18:49

Instrument :

BNA_G

ClientSampleId :

CORE-SAMPLE-NRL-65

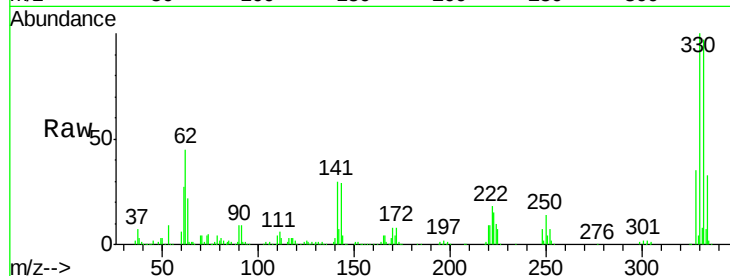
Tgt Ion:330 Resp: 349536

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

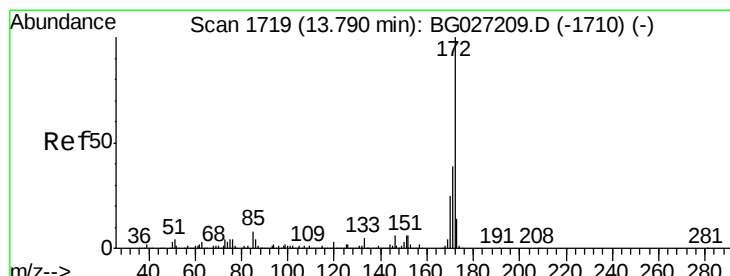
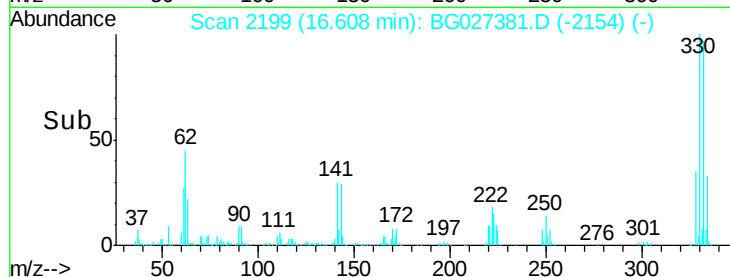
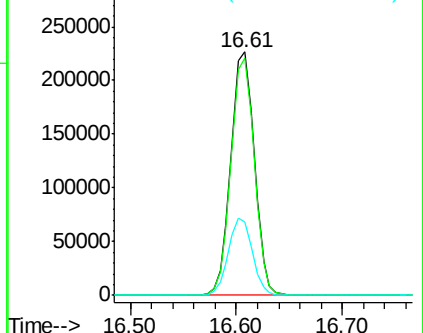
141 32.4 32.1 48.1



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: 106.132 ng

RT: 13.75 min Scan# 1712

Delta R.T. -0.04 min

Lab File: BG027381.D

Acq: 12 Jun 2017 18:49

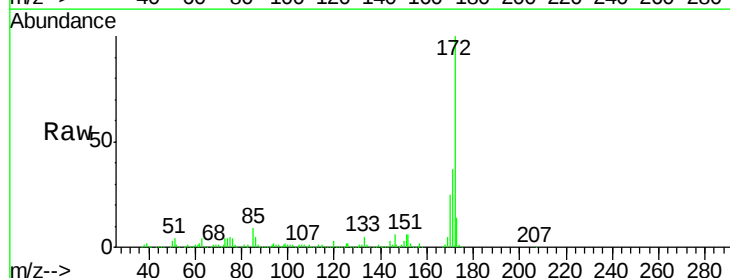
Tgt Ion:172 Resp: 984575

Ion Ratio Lower Upper

172 100

171 37.5 32.2 48.2

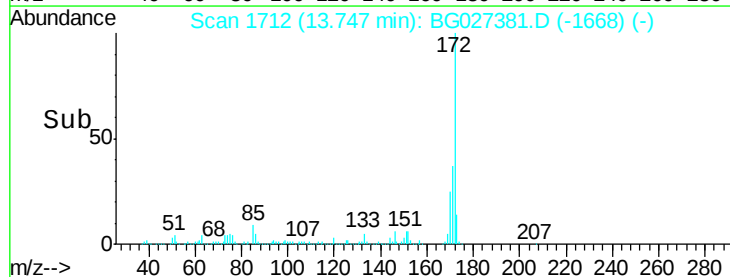
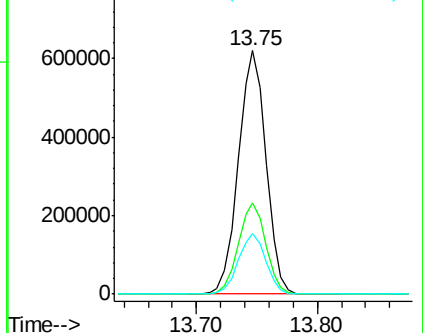
170 24.7 21.8 32.6

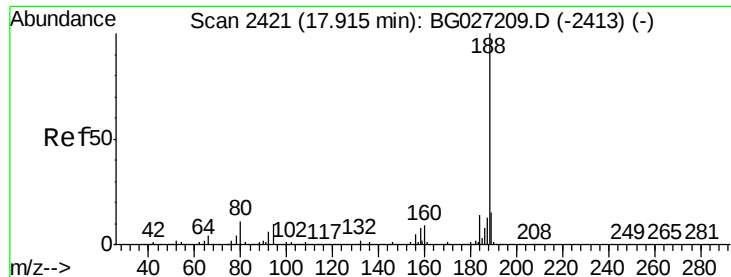


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

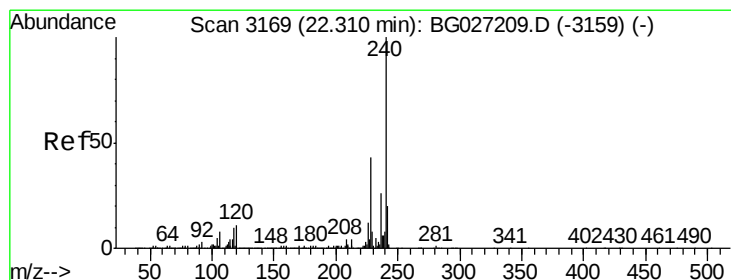
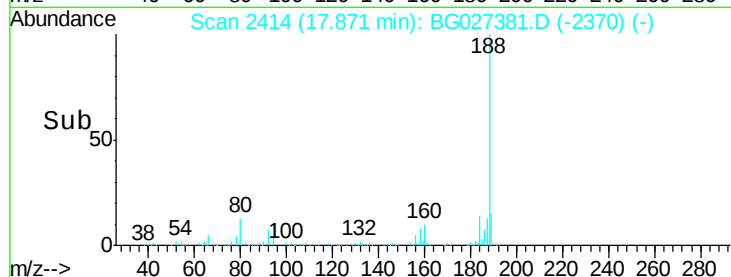
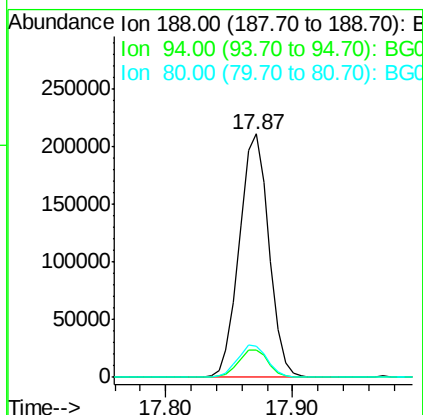
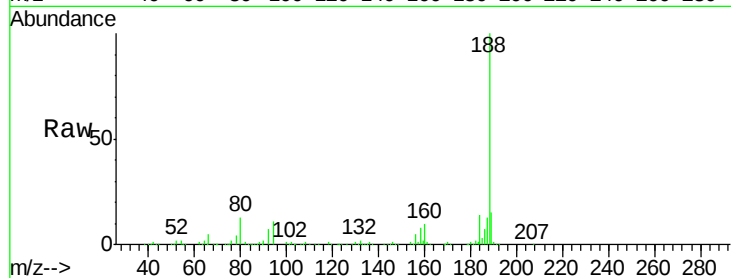




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.87 min Scan# 2414
Delta R.T. -0.04 min
Lab File: BG027381.D
Acq: 12 Jun 2017 18:49

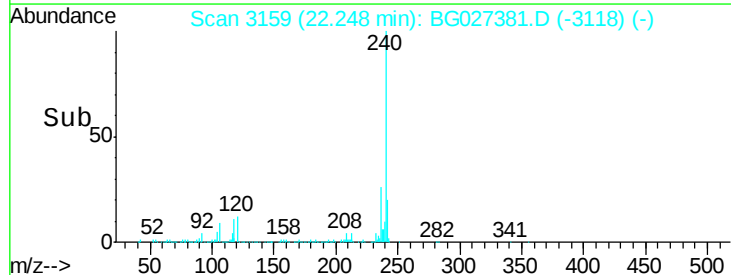
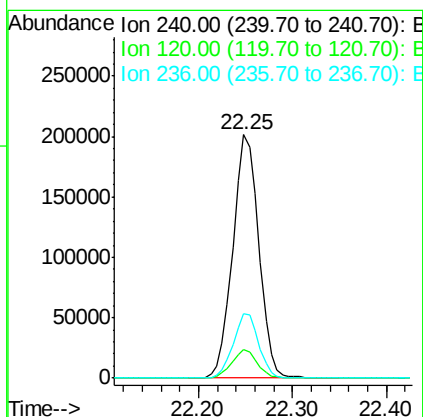
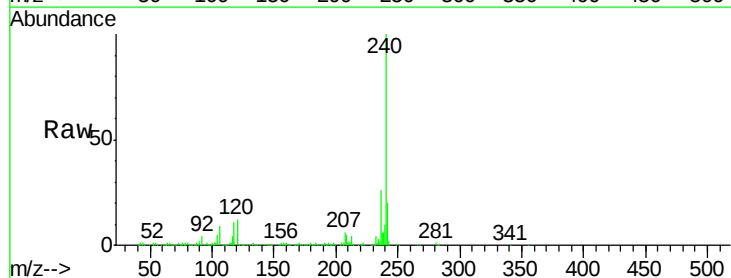
Instrument :
BNA_G
ClientSampleId :
CORE-SAMPLE-NRL-65

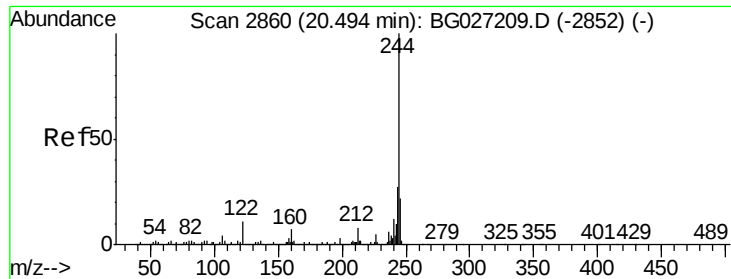
Tgt Ion:188 Resp: 339983
Ion Ratio Lower Upper
188 100
94 11.1 5.8 8.8#
80 12.8 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.25 min Scan# 3159
Delta R.T. -0.06 min
Lab File: BG027381.D
Acq: 12 Jun 2017 18:49

Tgt Ion:240 Resp: 387750
Ion Ratio Lower Upper
240 100
120 11.7 5.7 8.5#
236 26.3 22.2 33.4





#78

Terphenyl-d14

Concen: 120.001 ng

RT: 20.45 min Scan# 2853

Delta R.T. -0.04 min

Lab File: BG027381.D

Acq: 12 Jun 2017 18:49

Instrument :

BNA_G

ClientSampleId :

CORE-SAMPLE-NRL-65

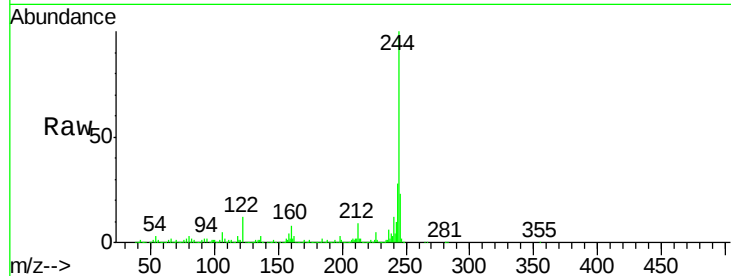
Tgt Ion:244 Resp: 1823999

Ion Ratio Lower Upper

244 100

212 8.6 10.0 15.0#

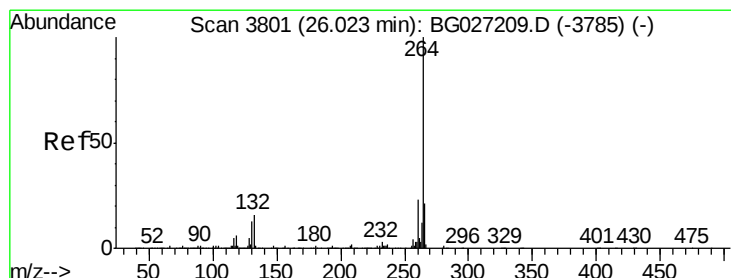
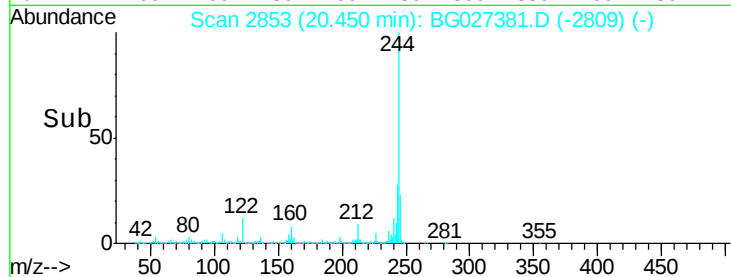
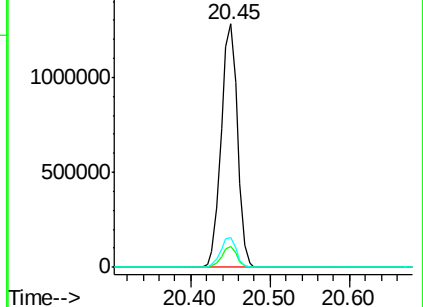
122 12.3 8.6 12.8



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

Perylene-d12

Concen: 20.000 ng

RT: 25.92 min Scan# 3784

Delta R.T. -0.10 min

Lab File: BG027381.D

Acq: 12 Jun 2017 18:49

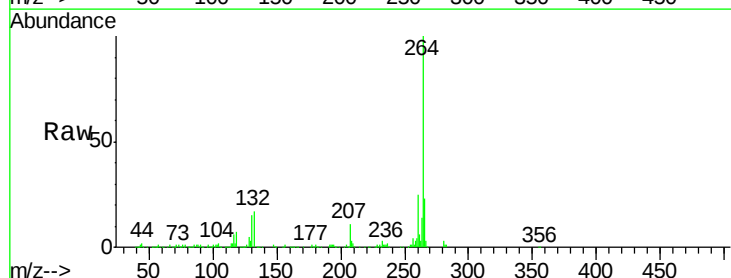
Tgt Ion:264 Resp: 352853

Ion Ratio Lower Upper

264 100

260 24.6 21.8 32.8

265 22.9 18.2 27.4



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

