

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
 Data File : BG027274.D
 Acq On : 7 Jun 2017 8:51
 Operator : SJ/MA
 Sample : I3478-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 146-COMP

Quant Time: Jun 07 12:52:28 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	8.56	152	48180	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	221904	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	141869	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	345721	20.00	ng	-0.02
75) Chrysene-d12	22.28	240	400765	20.00	ng	-0.03
86) Perylene-d12	25.97	264	371621	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	454001	143.79	ng	-0.01
7) Phenol-d6	7.69	99	585502	126.33	ng	0.00
23) Nitrobenzene-d5	9.73	82	379631	107.59	ng	-0.01
41) 2,4,6-Tribromophenol	16.62	330	307260	164.47	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	957512	94.42	ng	-0.02
78) Terphenyl-d14	20.47	244	1630398	103.78	ng	-0.02

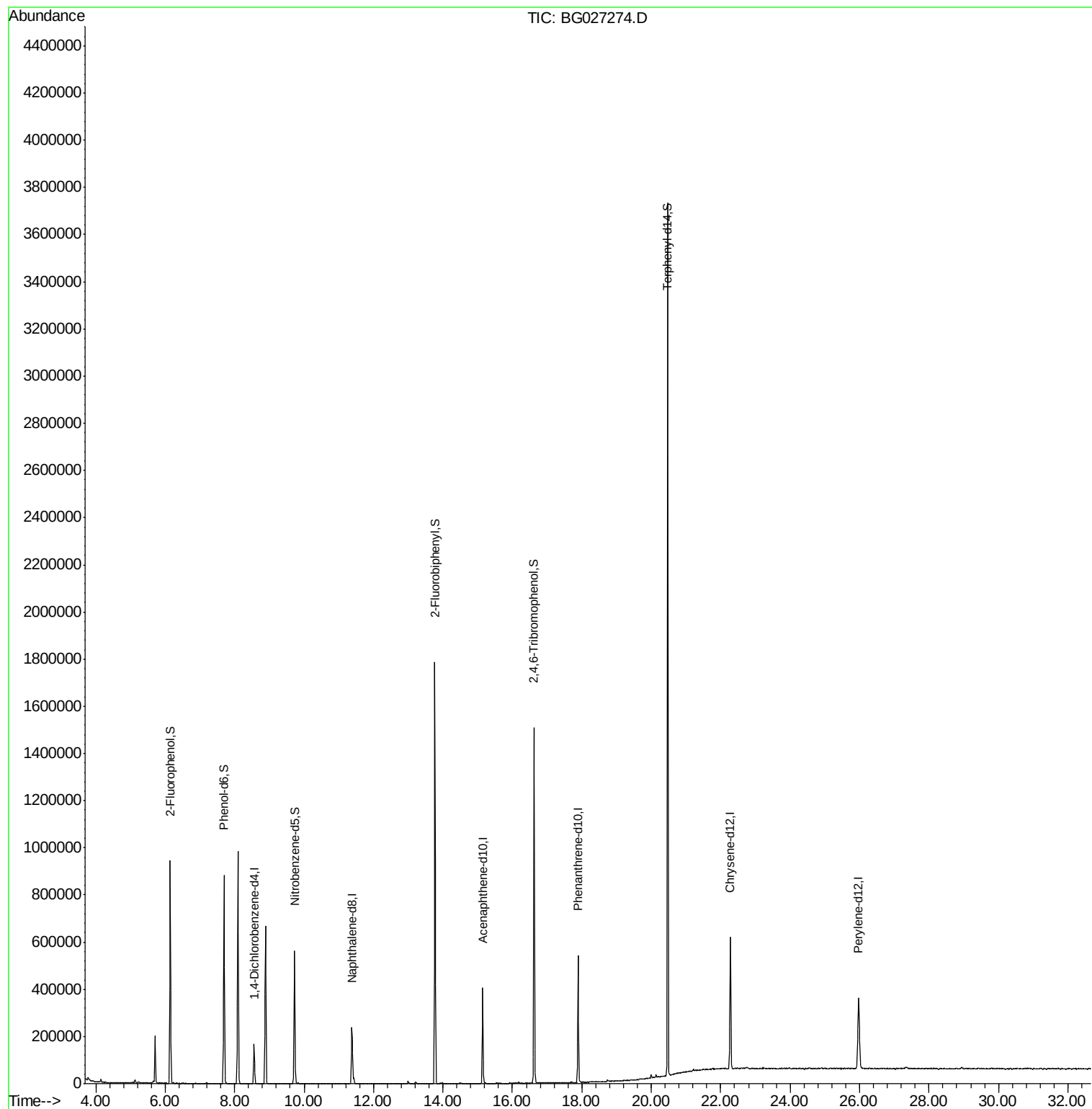
Target Compounds	Qvalue
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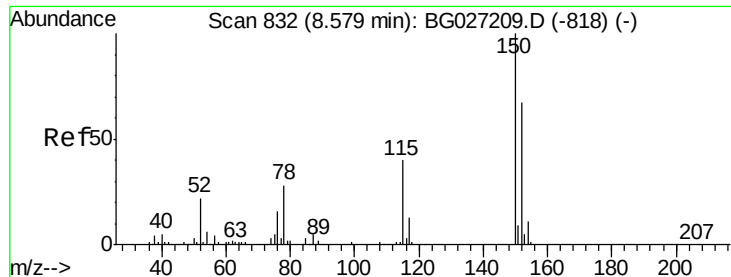
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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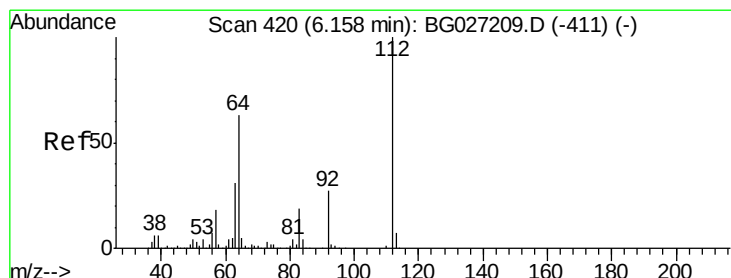
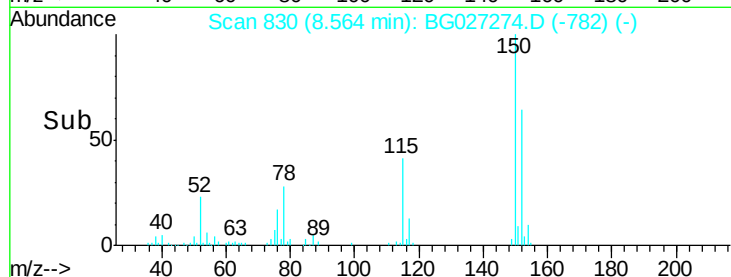
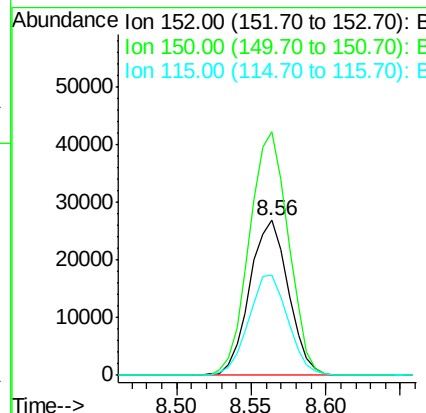
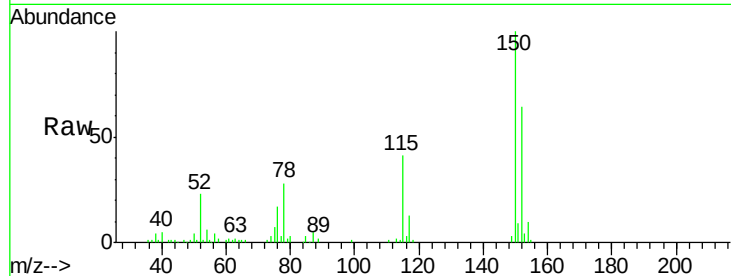


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 830
Delta R.T. -0.02 min
Lab File: BG027274.D
Acq: 7 Jun 2017 8:51

Instrument :
BNA_G
ClientSampleId :
146-COMP

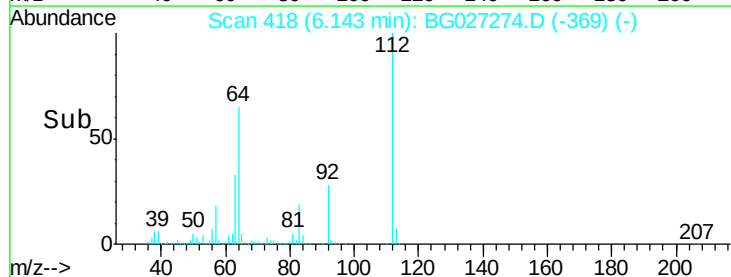
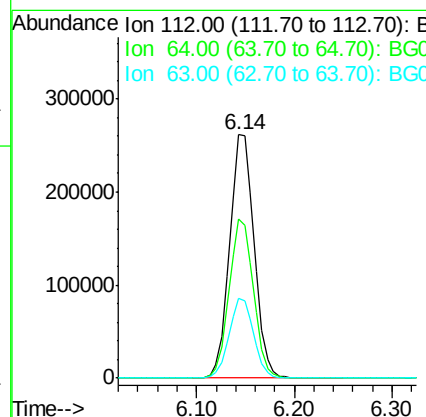
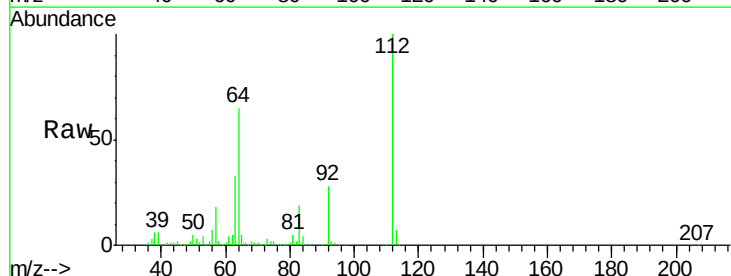
Tgt Ion:152 Resp: 48180
Ion Ratio Lower Upper
152 100
150 157.3 114.0 171.0
115 64.7 48.1 72.1

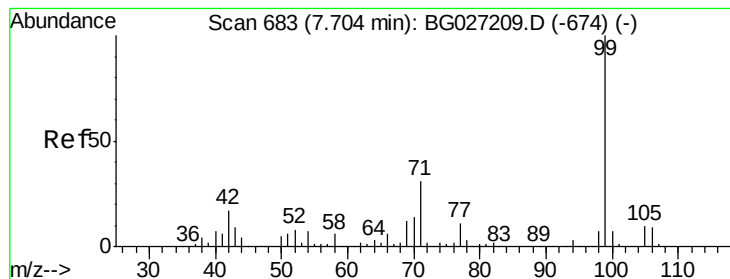


#5

2-Fluorophenol
Concen: 143.792 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027274.D
Acq: 7 Jun 2017 8:51

Tgt Ion:112 Resp: 454001
Ion Ratio Lower Upper
112 100
64 65.4 61.8 92.6
63 32.8 37.2 55.8#





#7

Phenol-d6

Concen: 126.332 ng

RT: 7.69 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027274.D

Acq: 7 Jun 2017 8:51

Instrument :

BNA_G

ClientSampleId :

146-COMP

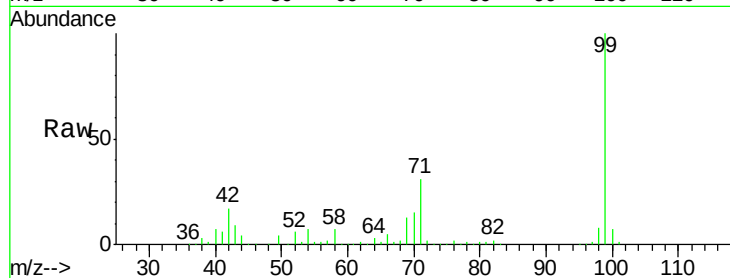
Tgt Ion: 99 Resp: 585502

Ion Ratio Lower Upper

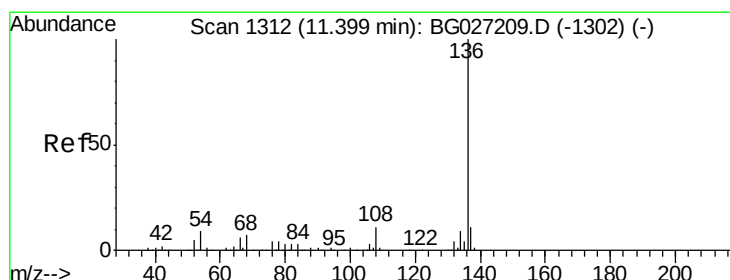
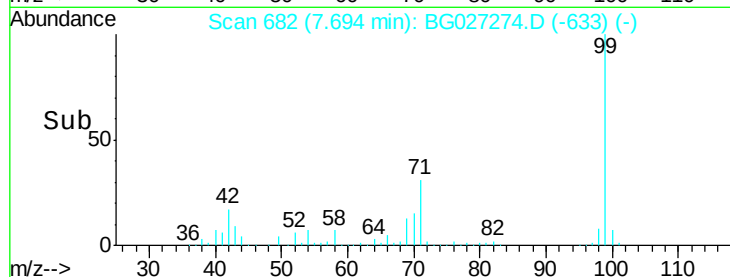
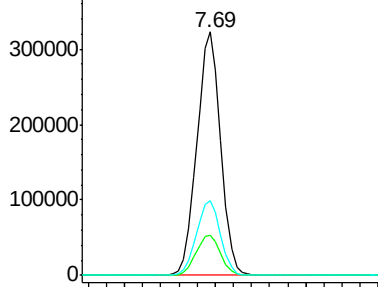
99 100

42 16.7 20.5 30.7#

71 30.9 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: 11.38 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BG027274.D

Acq: 7 Jun 2017 8:51

Tgt Ion: 136 Resp: 221904

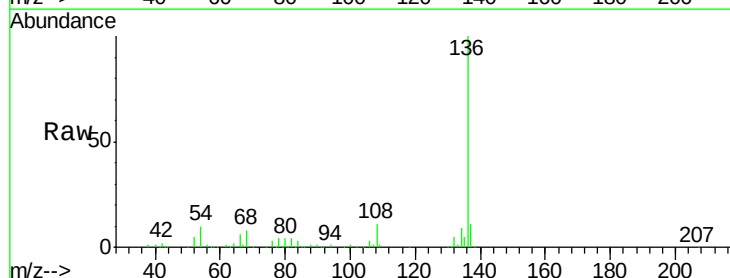
Ion Ratio Lower Upper

136 100

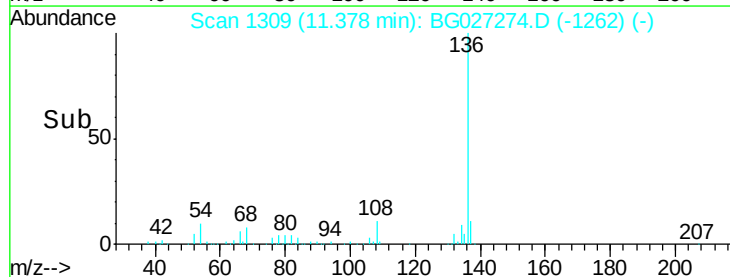
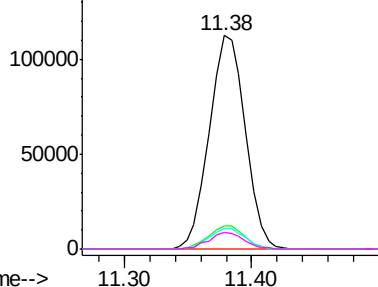
137 11.0 8.9 13.3

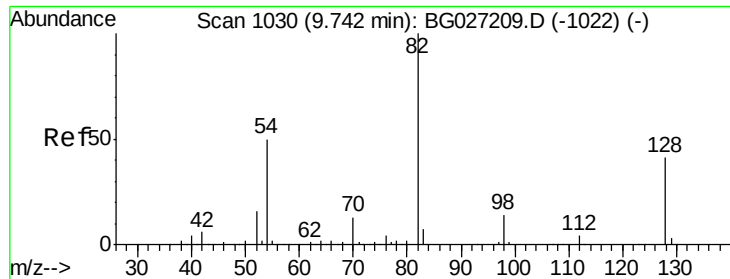
54 9.6 9.3 13.9

68 7.7 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

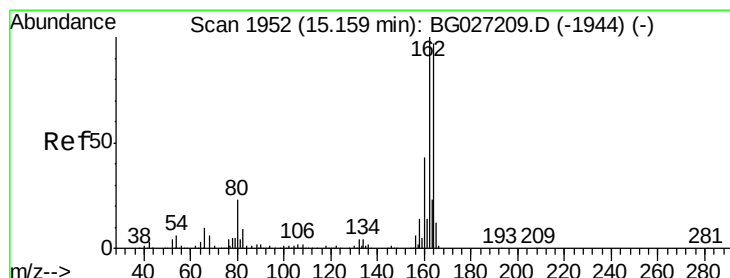
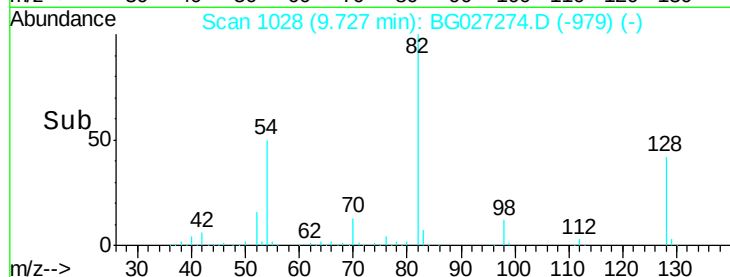
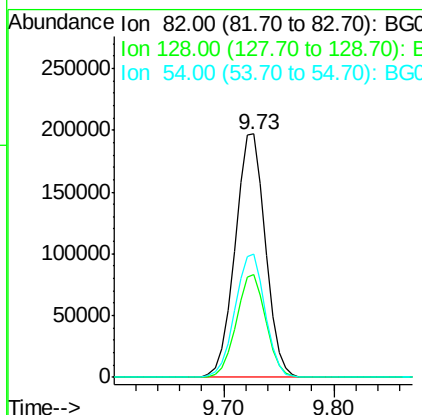
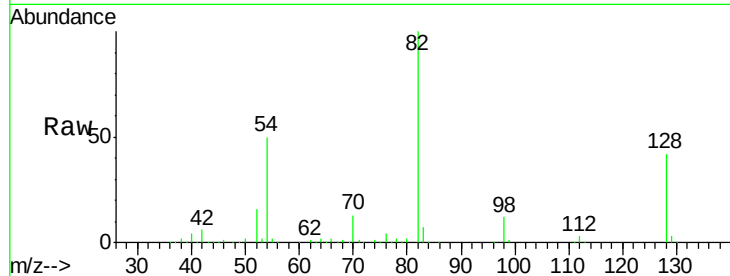




#23
 Nitrobenzene-d5
 Concen: 107.591 ng
 RT: 9.73 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG027274.D
 Acq: 7 Jun 2017 8:51

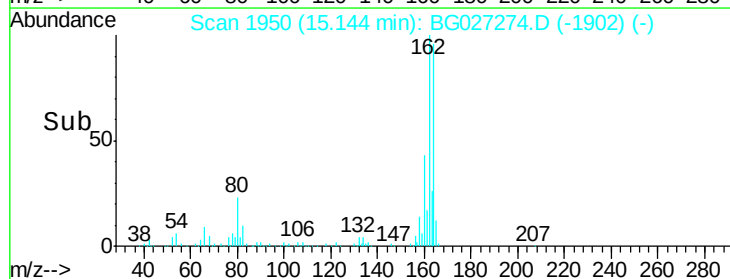
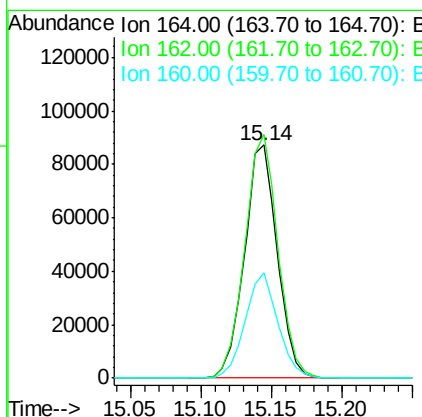
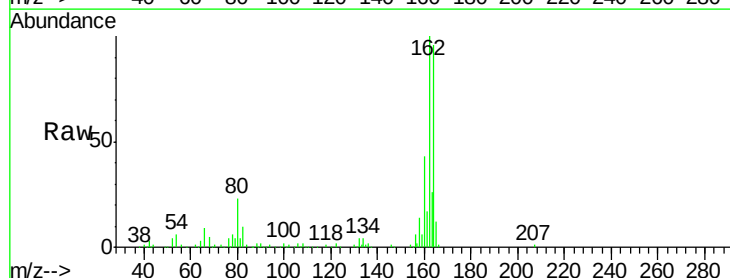
Instrument :
 BNA_G
 ClientSampled :
 146-COMP

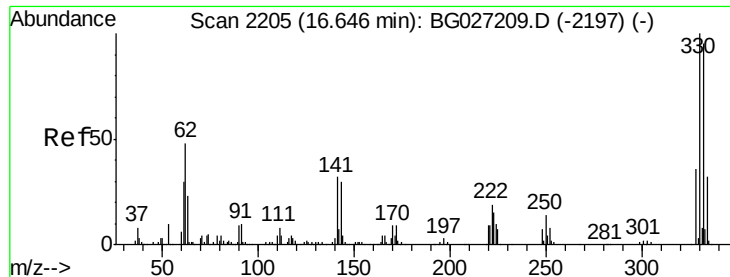
Tgt Ion: 82 Resp: 379631
 Ion Ratio Lower Upper
 82 100
 128 42.1 26.4 39.6#
 54 50.4 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.14 min Scan# 1950
 Delta R.T. -0.02 min
 Lab File: BG027274.D
 Acq: 7 Jun 2017 8:51

Tgt Ion: 164 Resp: 141869
 Ion Ratio Lower Upper
 164 100
 162 104.4 85.1 127.7
 160 45.2 34.7 52.1

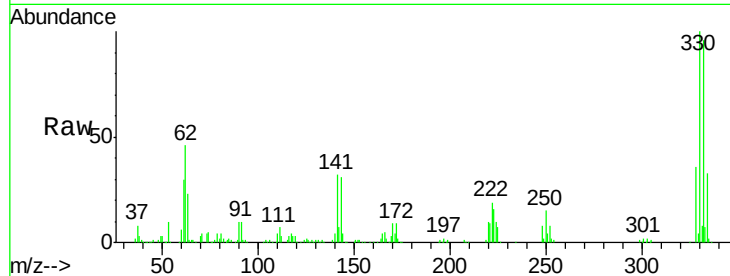




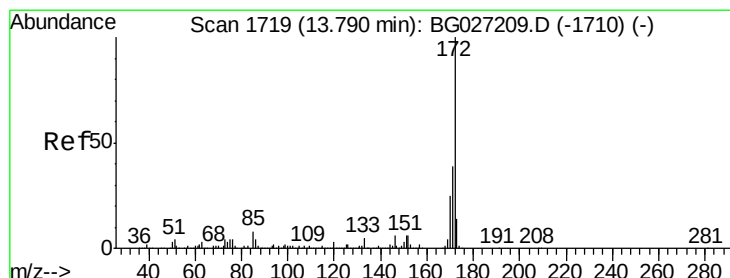
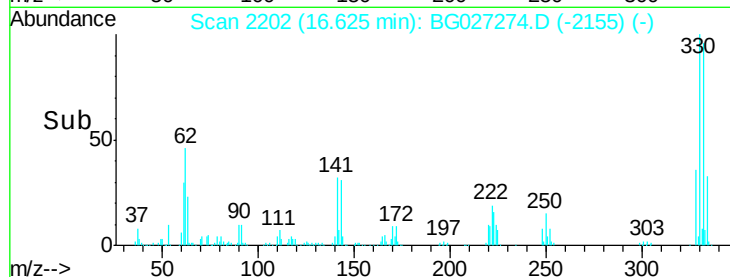
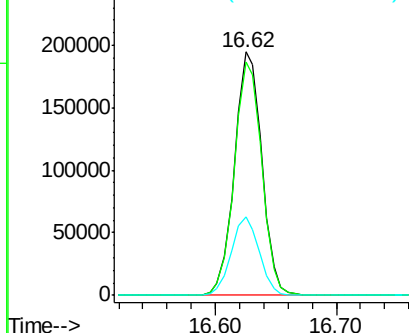
#41
 2,4,6-Tribromophenol
 Concen: 164.471 ng
 RT: 16.62 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027274.D
 Acq: 7 Jun 2017 8:51

Instrument :
 BNA_G
 ClientSampleId :
 146-COMP

Tgt Ion:330 Resp: 307260
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 33.0 32.1 48.1

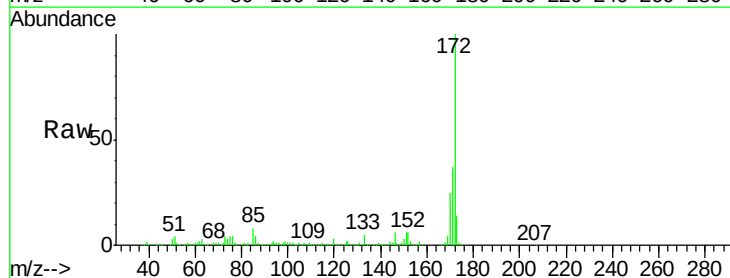


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

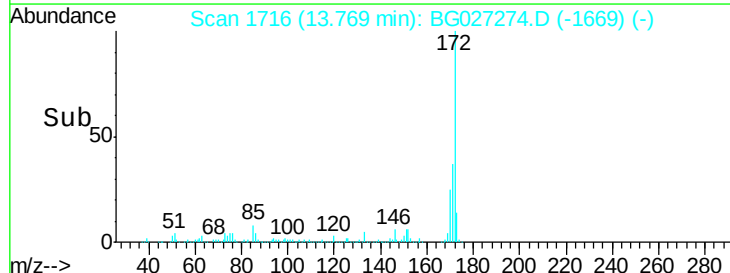
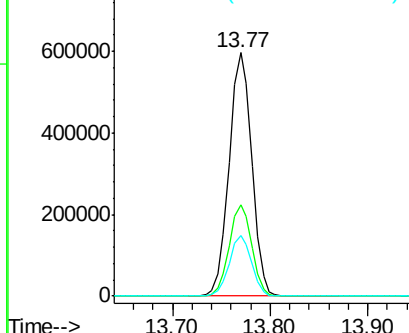


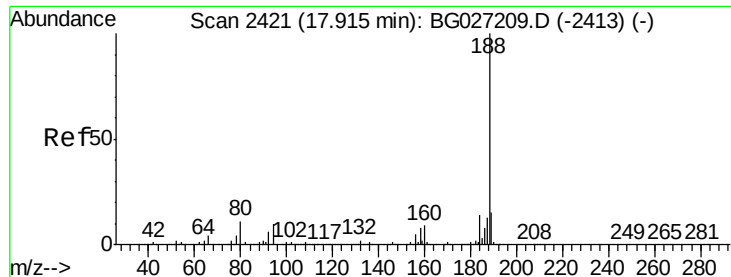
#44
 2-Fluorobiphenyl
 Concen: 94.421 ng
 RT: 13.77 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG027274.D
 Acq: 7 Jun 2017 8:51

Tgt Ion:172 Resp: 957512
 Ion Ratio Lower Upper
 172 100
 171 37.4 32.2 48.2
 170 25.1 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

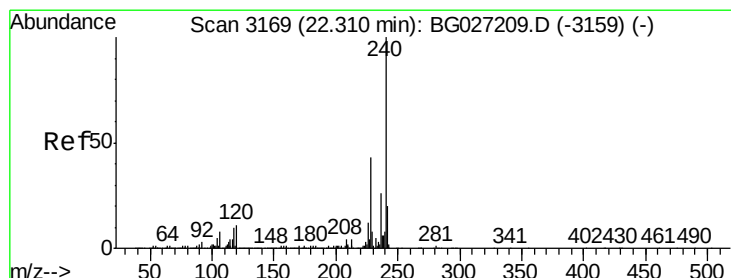
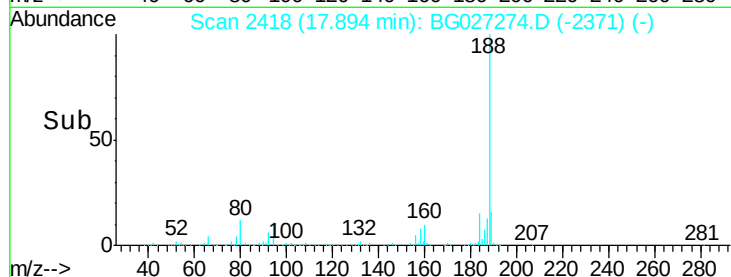
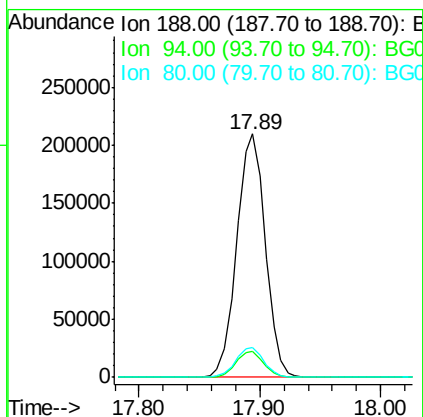
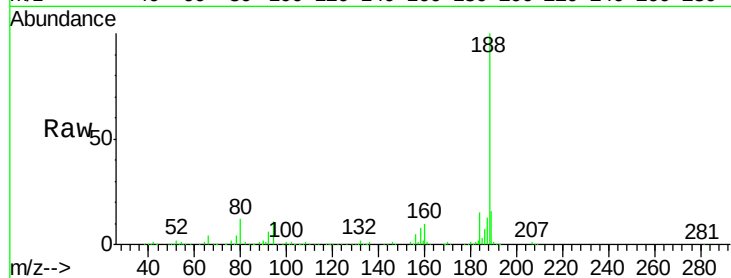




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.89 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG027274.D
Acq: 7 Jun 2017 8:51

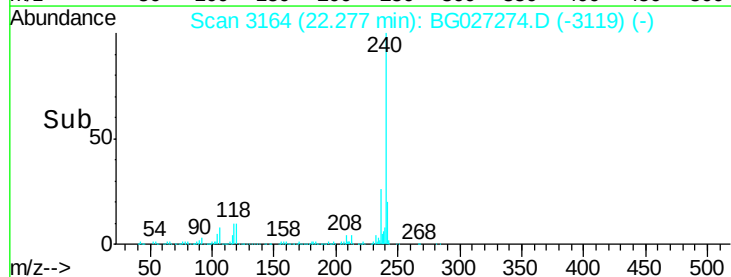
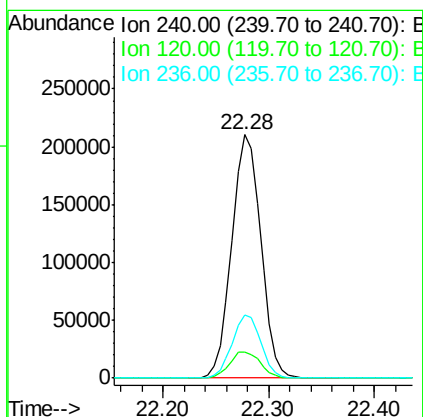
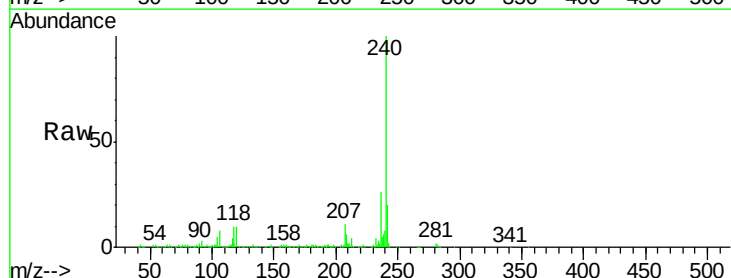
Instrument :
BNA_G
ClientSampleId :
146-COMP

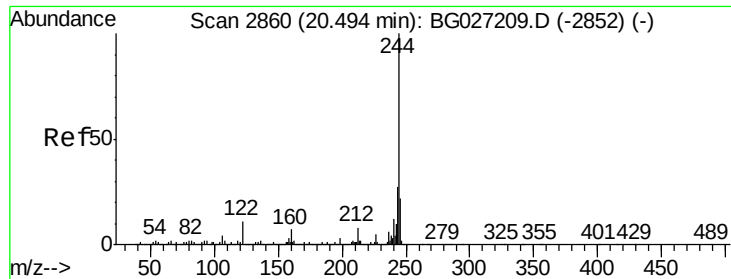
Tgt Ion:188 Resp: 345721
Ion Ratio Lower Upper
188 100
94 10.7 5.8 8.8#
80 12.2 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.28 min Scan# 3164
Delta R.T. -0.03 min
Lab File: BG027274.D
Acq: 7 Jun 2017 8:51

Tgt Ion:240 Resp: 400765
Ion Ratio Lower Upper
240 100
120 10.4 5.7 8.5#
236 26.0 22.2 33.4





#78

Terphenyl-d14

Concen: 103.780 ng

RT: 20.47 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG027274.D

Acq: 7 Jun 2017 8:51

Instrument :

BNA_G

ClientSampleId :

146-COMP

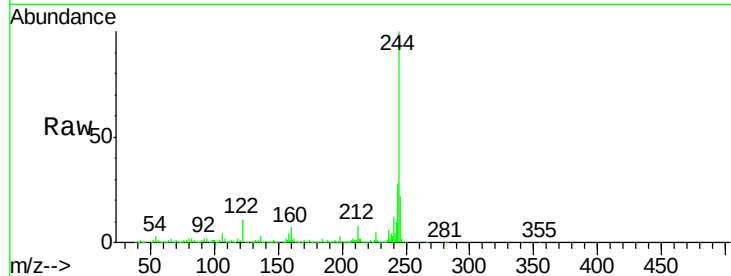
Tgt Ion:244 Resp: 1630398

Ion Ratio Lower Upper

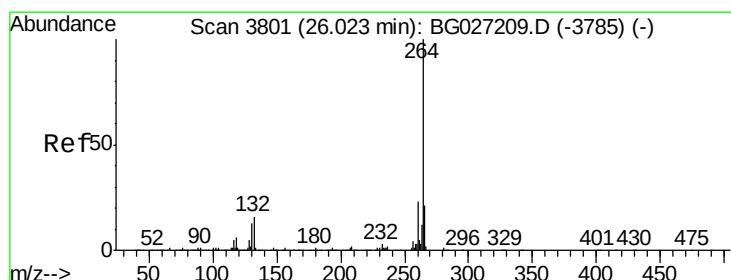
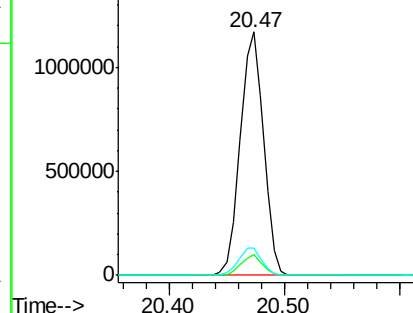
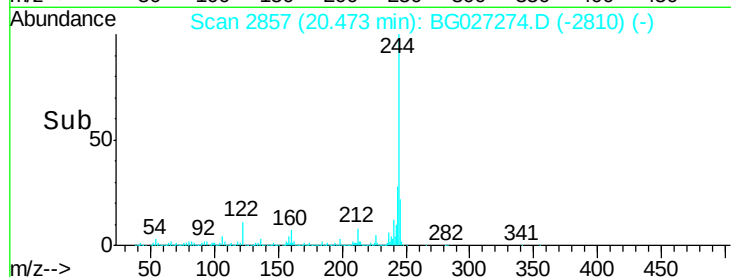
244 100

212 8.4 10.0 15.0#

122 11.5 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: 25.97 min Scan# 3793

Delta R.T. -0.05 min

Lab File: BG027274.D

Acq: 7 Jun 2017 8:51

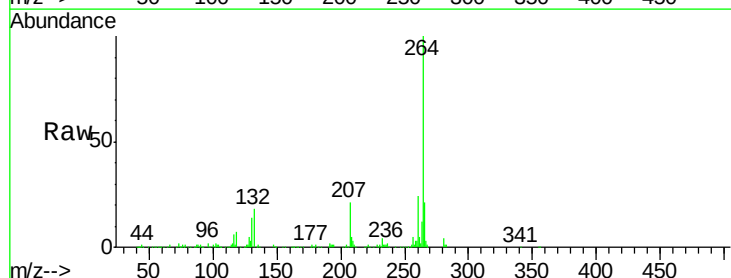
Tgt Ion:264 Resp: 371621

Ion Ratio Lower Upper

264 100

260 23.5 21.8 32.8

265 20.8 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

