

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
 Data File : BG025549.D
 Acq On : 20 Jan 2017 22:03
 Operator : UM/SJ
 Sample : I1347-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL2-0-5FT-COMP

Quant Time: Jan 21 00:49:33 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	53740	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	204999	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	165987	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	382510	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	616908	20.00	ng	-0.02
86) Perylene-d12	25.23	264	664646	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	434605	147.00	ng	-0.02
7) Phenol-d6	7.34	99	553579	132.95	ng	-0.02
23) Nitrobenzene-d5	9.36	82	475362	102.44	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	385541	144.27	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	978450	95.43	ng	-0.02
78) Terphenyl-d14	20.14	244	2211587	95.05	ng	-0.02

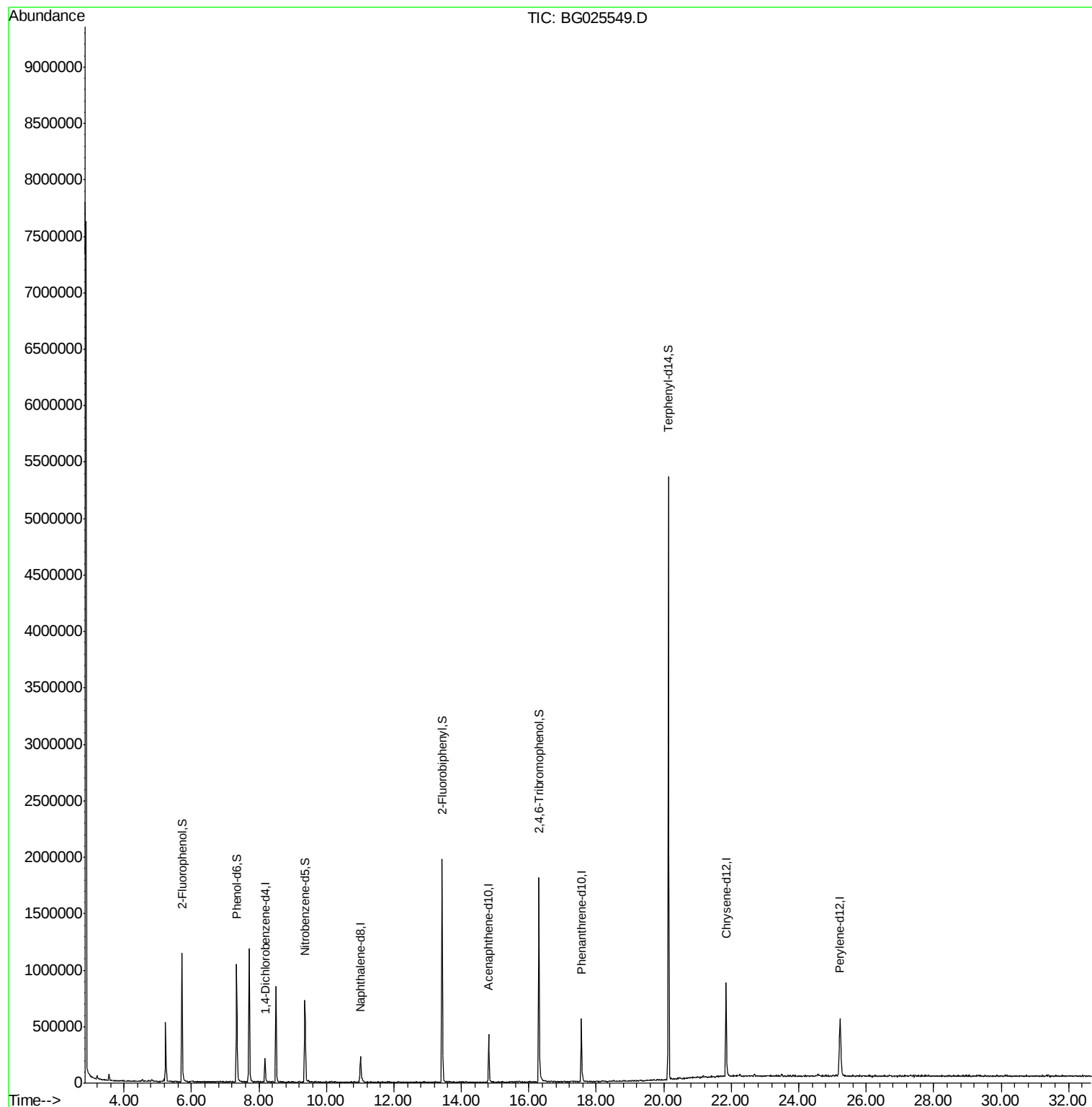
Target Compounds Qvalue

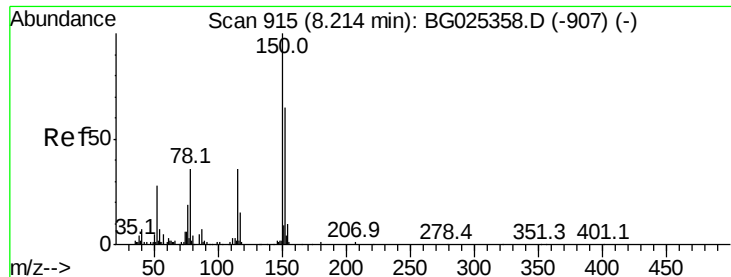
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 908

Delta R.T. -0.02 min

Lab File: BG025549.D

Acq: 20 Jan 2017 22:03

Instrument :

BNA_G

ClientSampleId :

BLACK-FILL2-0-5FT-COMP

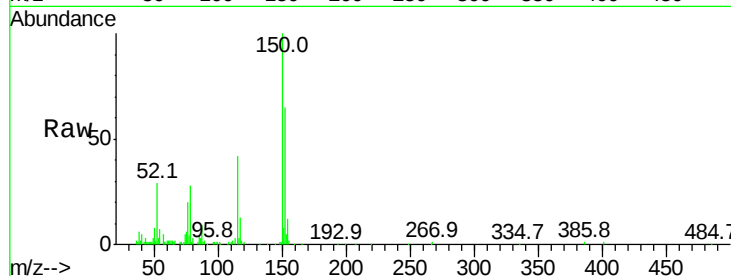
Tot Ion:152 Resp: 53740

Ion Ratio Lower Upper

152 100

150 152.8 114.0 171.0

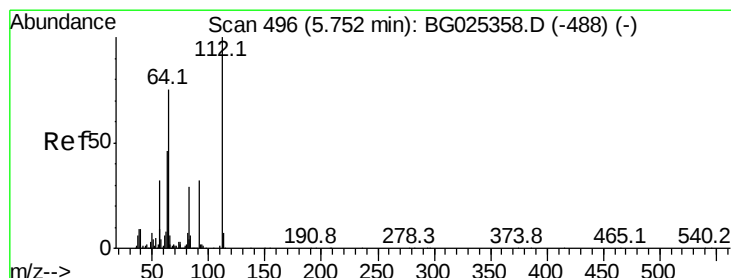
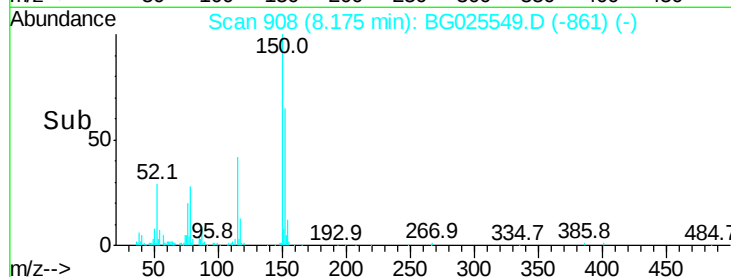
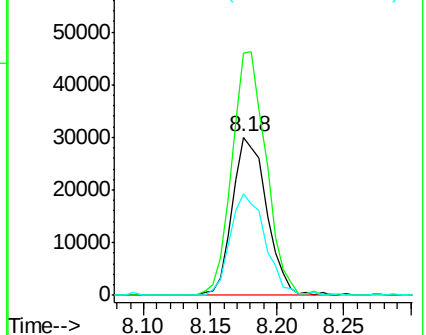
115 64.4 48.1 72.1



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: 147.00 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025549.D

Acq: 20 Jan 2017 22:03

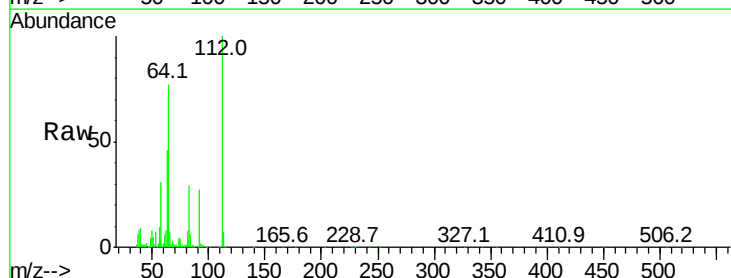
Tgt Ion:112 Resp: 434605

Ion Ratio Lower Upper

112 100

64 76.6 61.8 92.6

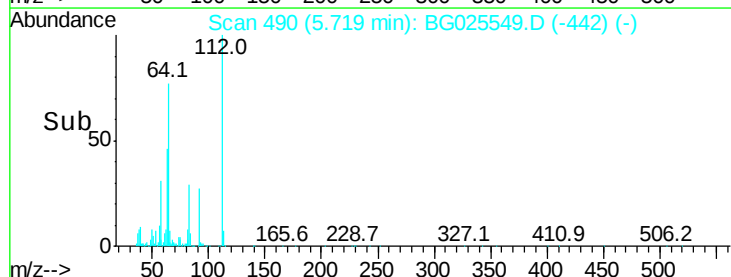
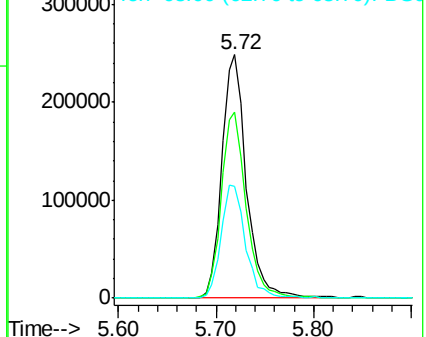
63 45.7 37.2 55.8

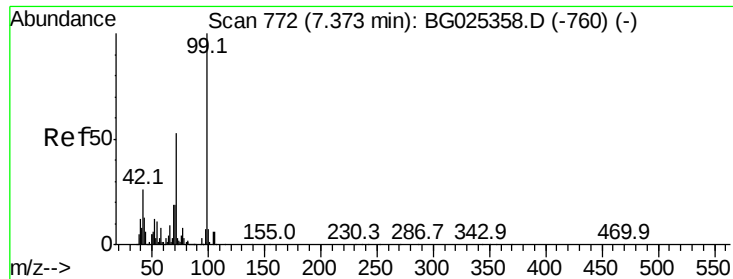


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 132.95 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025549.D

Acq: 20 Jan 2017 22:03

Instrument :

BNA_G

ClientSampleId :

BLACK-FILL2-0-5FT-COMP

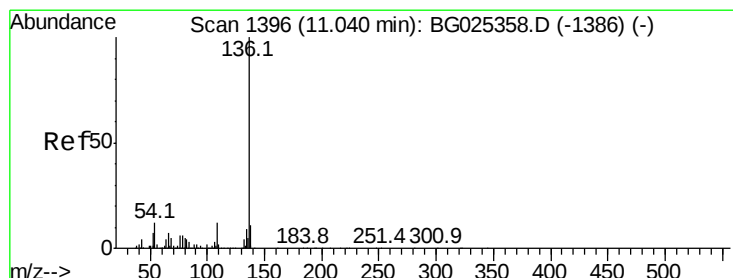
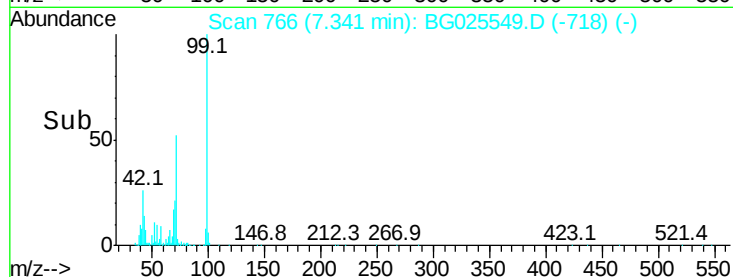
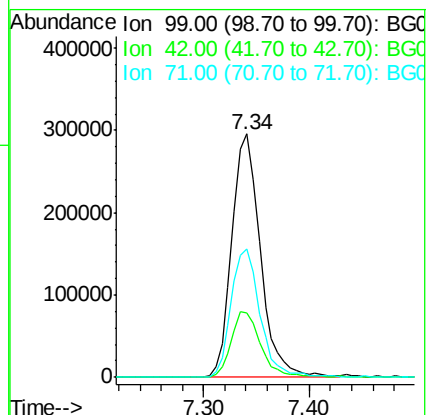
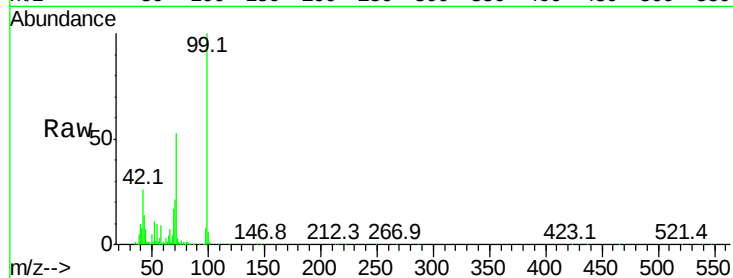
Tot Ion: 99 Resp: 553579

Ion Ratio Lower Upper

99 100

42 26.2 20.5 30.7

71 52.5 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.01 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BG025549.D

Acq: 20 Jan 2017 22:03

Tgt Ion: 136 Resp: 204999

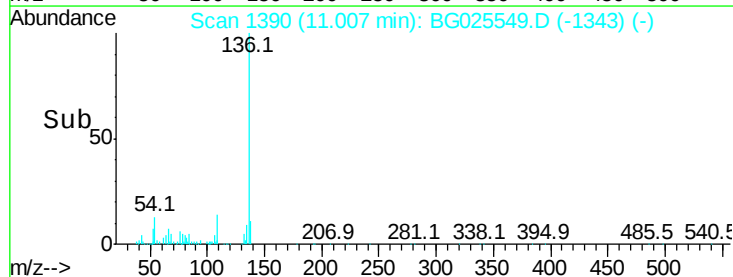
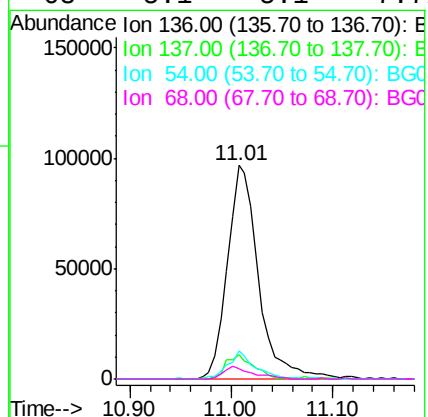
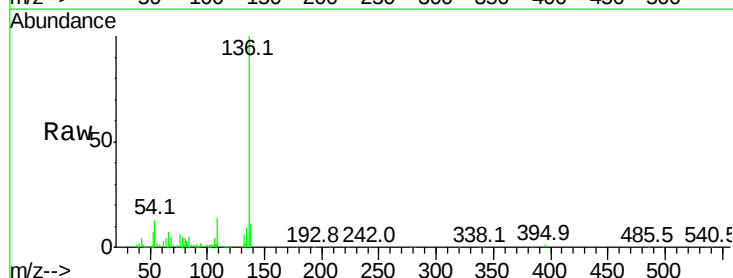
Ion Ratio Lower Upper

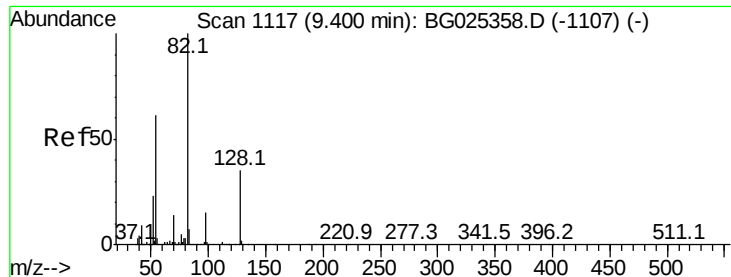
136 100

137 11.5 8.9 13.3

54 13.0 9.3 13.9

68 5.1 5.1 7.7#

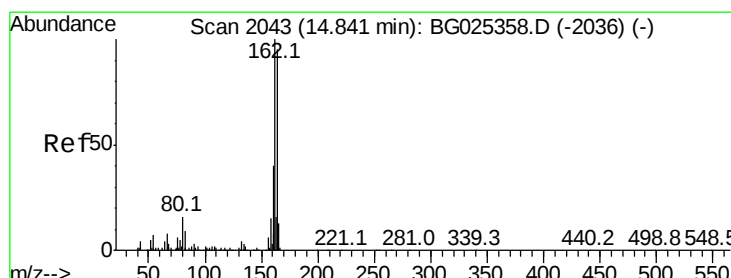
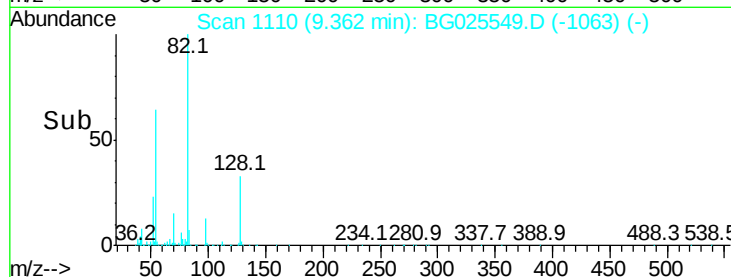
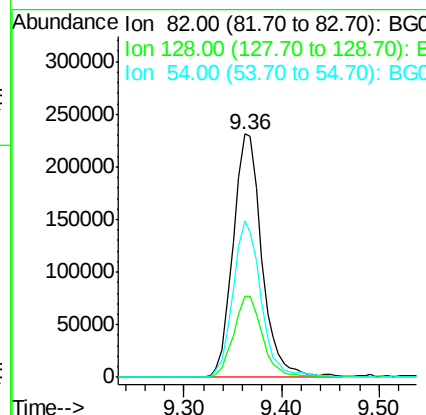
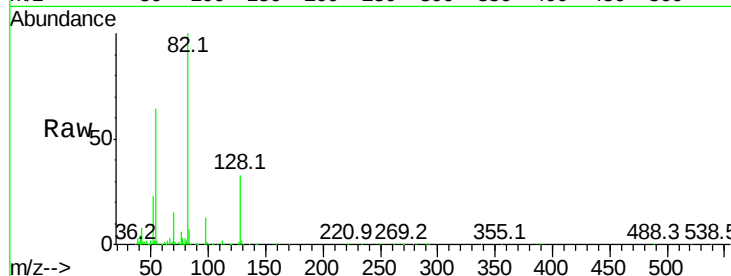




#23
 Nitrobenzene-d5
 Concen: 102.44 ng
 RT: 9.36 min Scan# 1110
 Delta R.T. -0.02 min
 Lab File: BG025549.D
 Acq: 20 Jan 2017 22:03

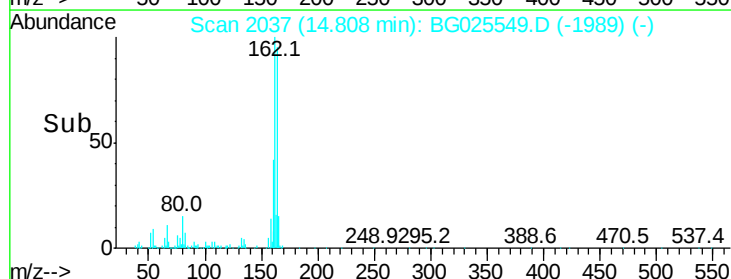
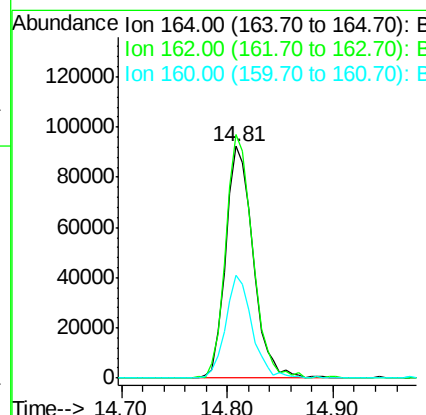
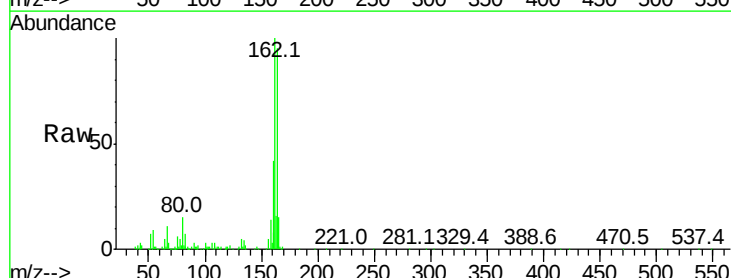
Instrument :
 BNA_G
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 BLACK-FILL2-0-5FT-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.0	26.4	39.6
54	64.1	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. -0.02 min
 Lab File: BG025549.D
 Acq: 20 Jan 2017 22:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	85.1	127.7
160	44.6	34.7	52.1

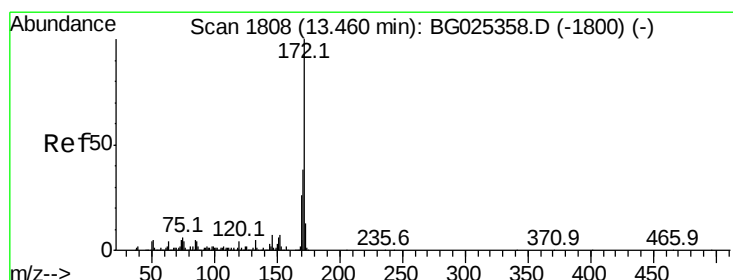
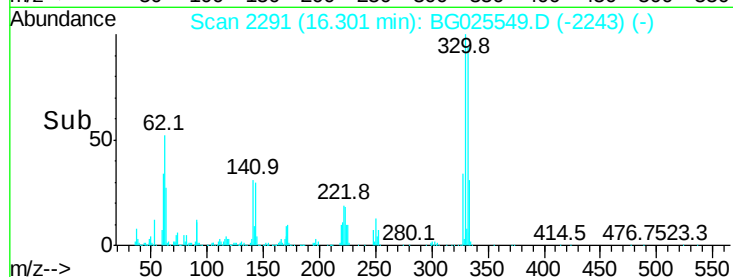
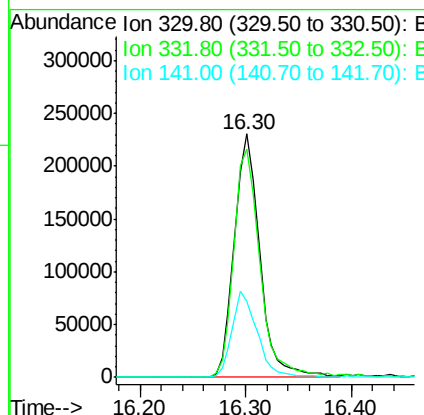
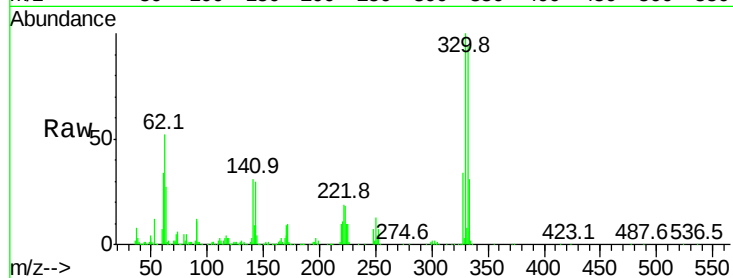




#41
 2,4,6-Tribromophenol
 Concen: 144.27 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BG025549.D
 Acq: 20 Jan 2017 22:03

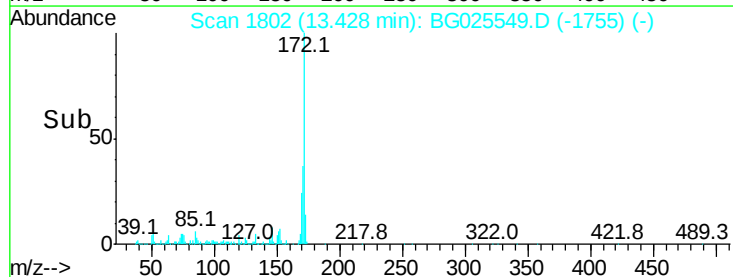
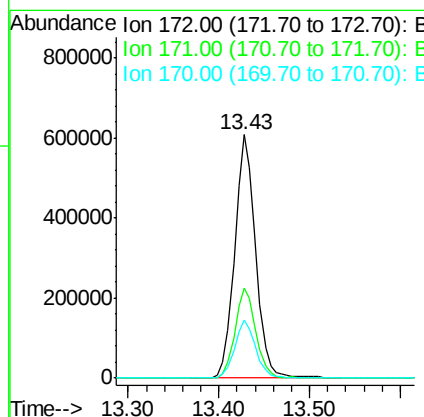
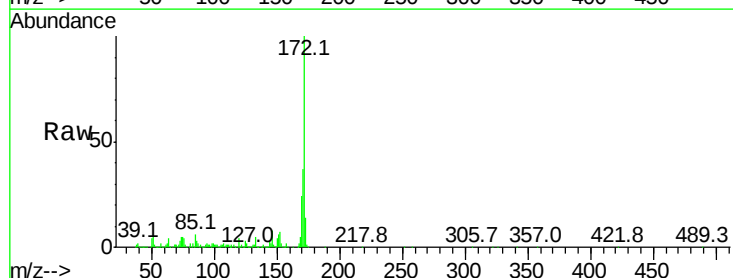
Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL2-0-5FT-COMP

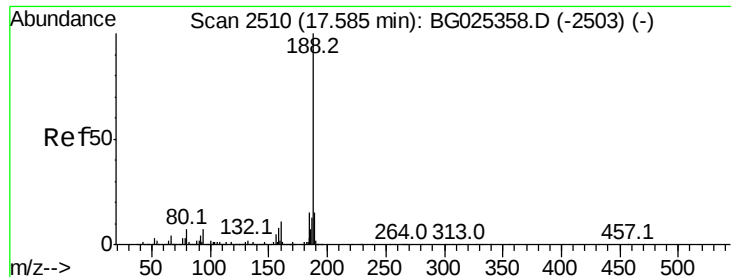
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	35.1	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 95.43 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG025549.D
 Acq: 20 Jan 2017 22:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	32.2	48.2
170	24.1	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.02 min

Lab File: BG025549.D

Acq: 20 Jan 2017 22:03

Instrument :

BNA_G

ClientSampleId :

BLACK-FILL2-0-5FT-COMP

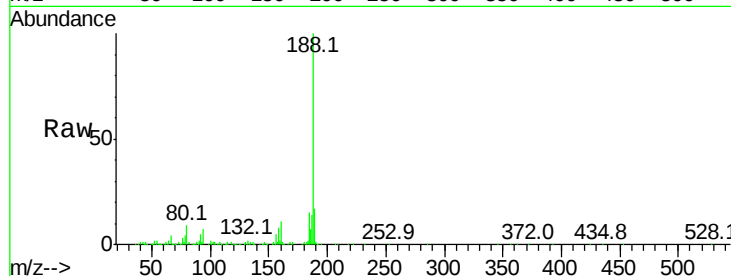
Tot Ion:188 Resp: 382510

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.8

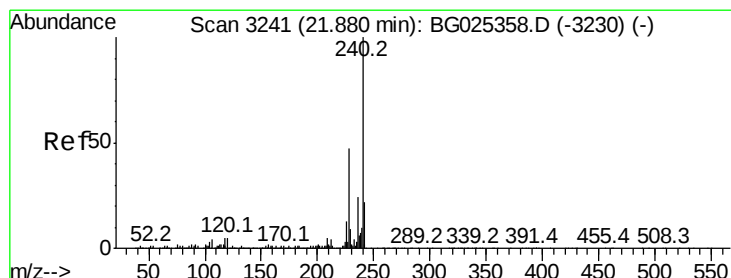
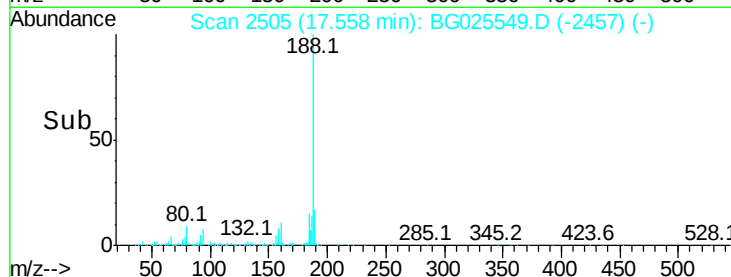
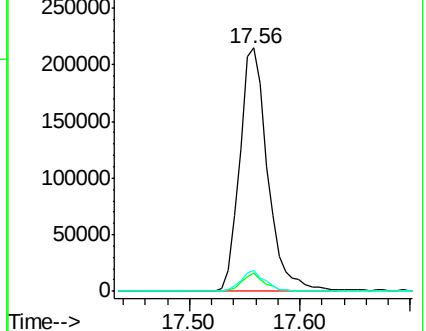
80 8.7 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3234

Delta R.T. -0.02 min

Lab File: BG025549.D

Acq: 20 Jan 2017 22:03

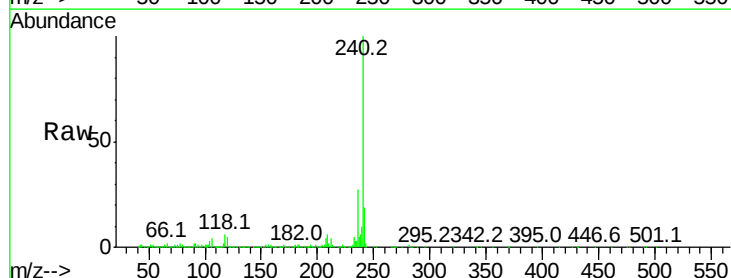
Tgt Ion:240 Resp: 616908

Ion Ratio Lower Upper

240 100

120 4.7 5.7 8.5#

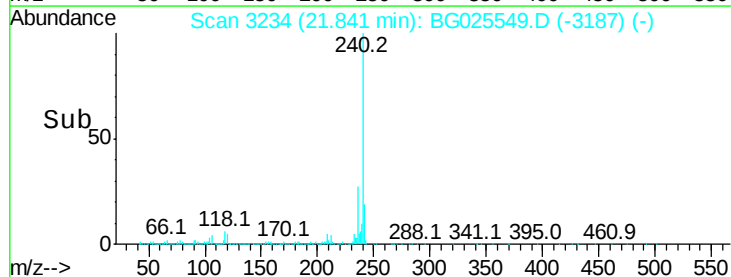
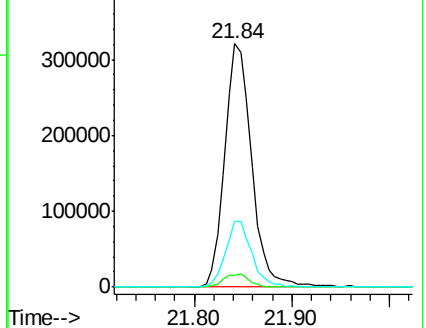
236 26.8 22.2 33.4

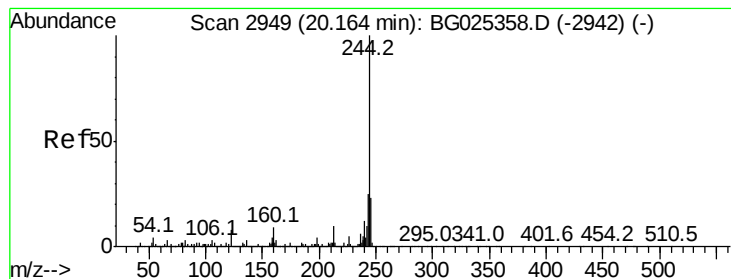


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.05 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025549.D

Acq: 20 Jan 2017 22:03

Instrument :

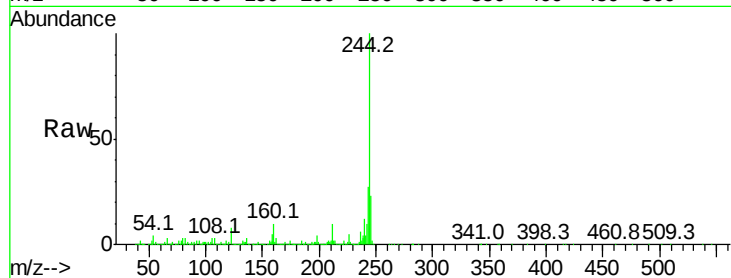
BNA_G

ClientSampleId :

BLACK-FILL2-0-5FT-COMP

Tot Ion:244 Resp: 2211587

Ion	Ratio	Lower	Upper
244	100		
212	10.1	10.0	15.0
122	8.4	8.6	12.8#

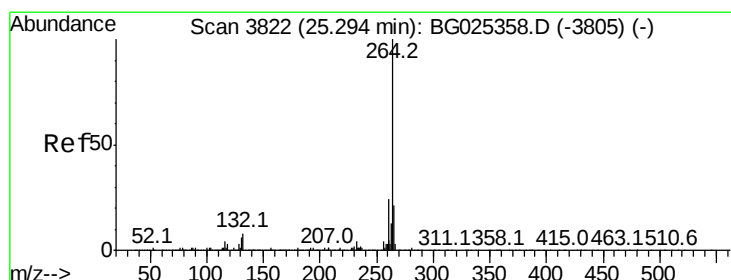
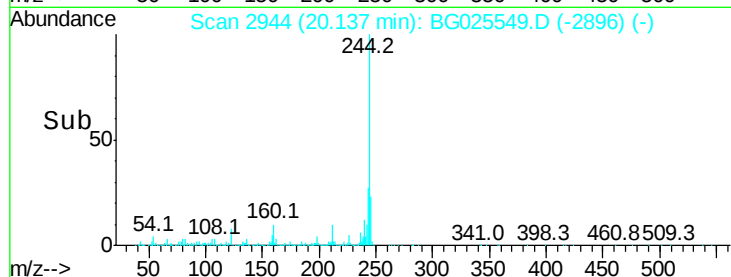
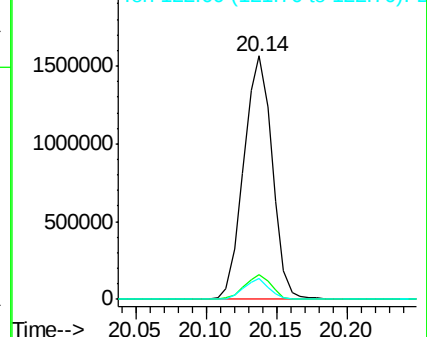


Abundance

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: 20.00 ng

RT: 25.23 min Scan# 3810

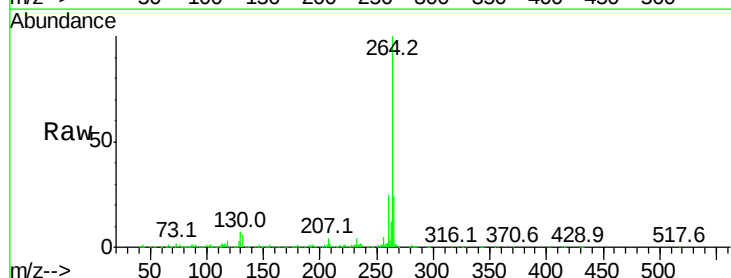
Delta R.T. -0.04 min

Lab File: BG025549.D

Acq: 20 Jan 2017 22:03

Tgt Ion:264 Resp: 664646

Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.8	32.8
265	24.2	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

