

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
 Data File : BG025440.D
 Acq On : 9 Jan 2017 21:29
 Operator : UM/SJ
 Sample : I1073-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 L-SWITCH-SP-0-2-COMP

Quant Time: Jan 10 00:23:50 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	49098	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	197471	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	152084	20.00	ng	-0.01
63) Phenanthrene-d10	17.57	188	368957	20.00	ng	-0.01
75) Chrysene-d12	21.86	240	566392	20.00	ng	-0.02
86) Perylene-d12	25.26	264	593548	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	387048	143.29	ng	-0.01
7) Phenol-d6	7.36	99	483495	127.10	ng	-0.02
23) Nitrobenzene-d5	9.38	82	430598	96.33	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	358982	146.61	ng	-0.01
44) 2-Fluorobiphenyl	13.45	172	922276	98.18	ng	-0.01
78) Terphenyl-d14	20.15	244	1993732	93.33	ng	-0.01

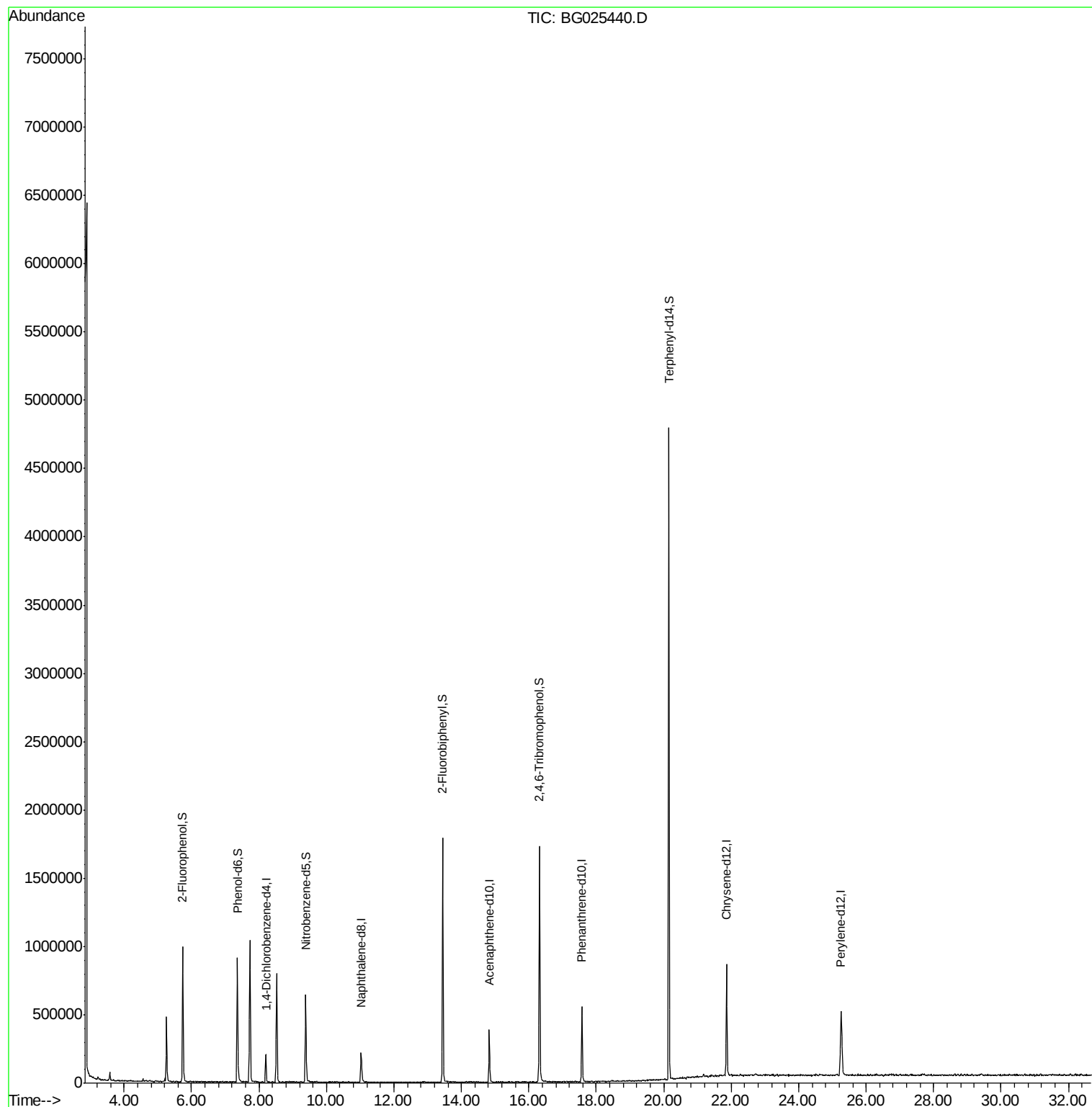
Target Compounds	Qvalue
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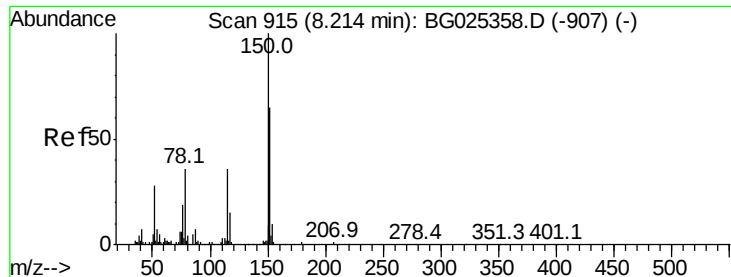
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG025440.D

Acq: 9 Jan 2017 21:29

Instrument :

BNA_G

ClientSampleId :

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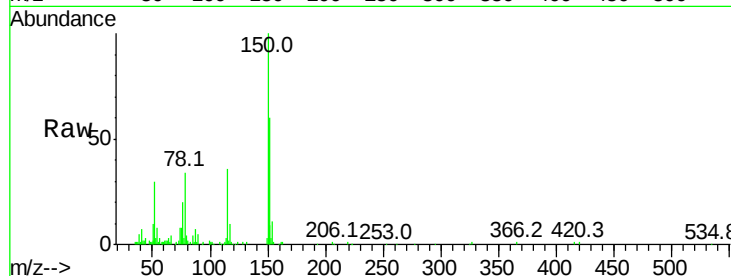
Tot Ion:152 Resp: 49098

Ion Ratio Lower Upper

152 100

150 166.3 114.0 171.0

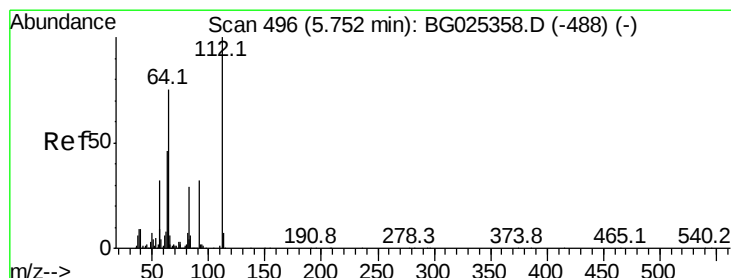
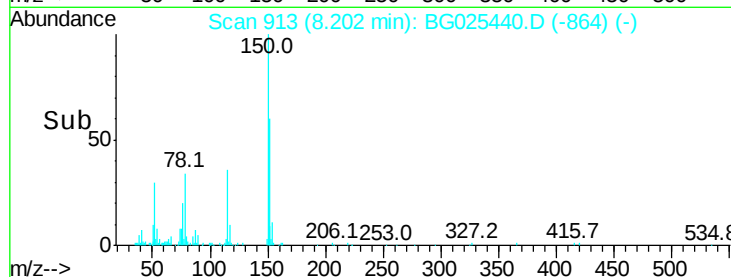
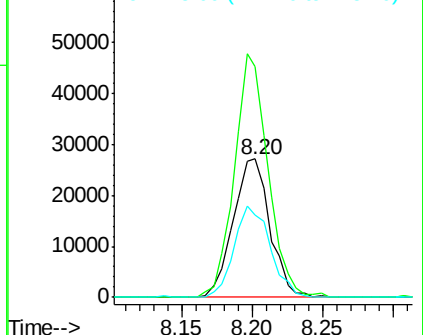
115 59.6 48.1 72.1



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: 143.29 ng

RT: 5.74 min Scan# 494

Delta R.T. -0.01 min

Lab File: BG025440.D

Acq: 9 Jan 2017 21:29

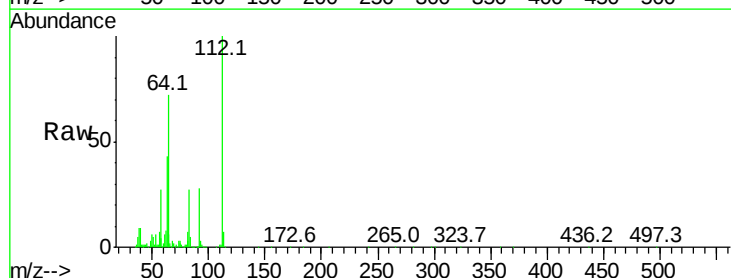
Tgt Ion:112 Resp: 387048

Ion Ratio Lower Upper

112 100

64 72.1 61.8 92.6

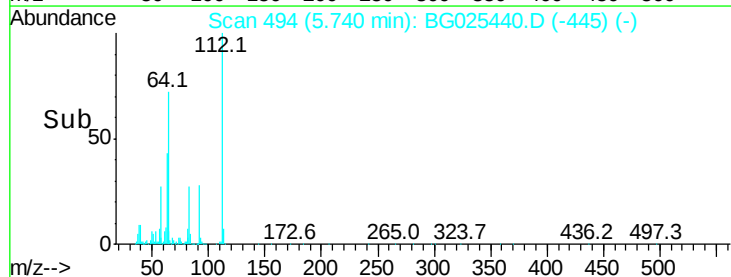
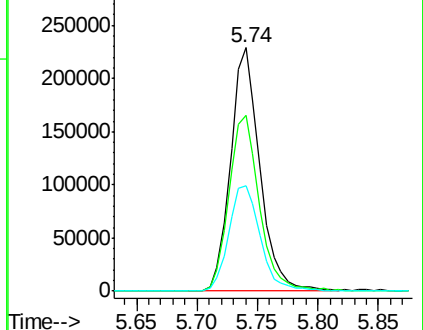
63 43.0 37.2 55.8

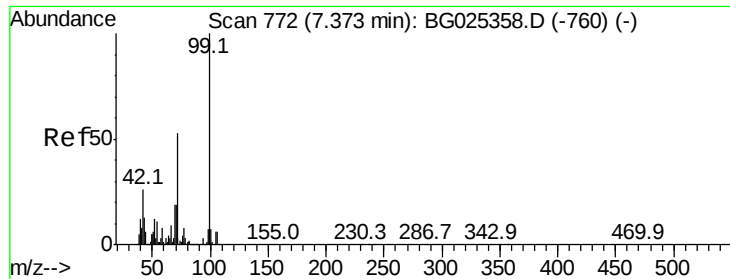


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 127.10 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG025440.D

Acq: 9 Jan 2017 21:29

Instrument :

BNA_G

ClientSampleId :

L-SWITCH-SP-0-2-COMP

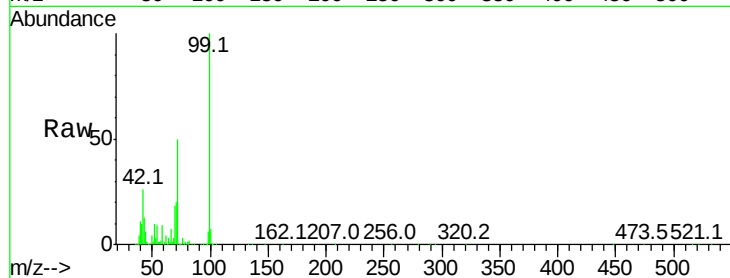
Tot Ion: 99 Resp: 483495

Ion Ratio Lower Upper

99 100

42 25.5 20.5 30.7

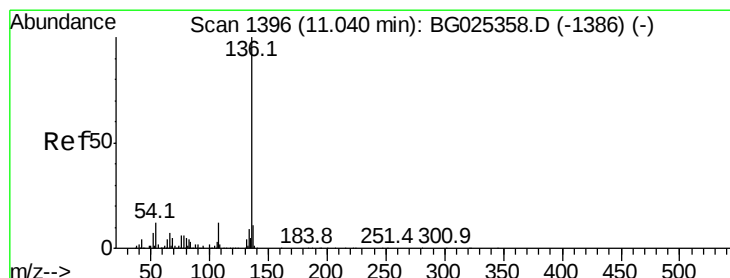
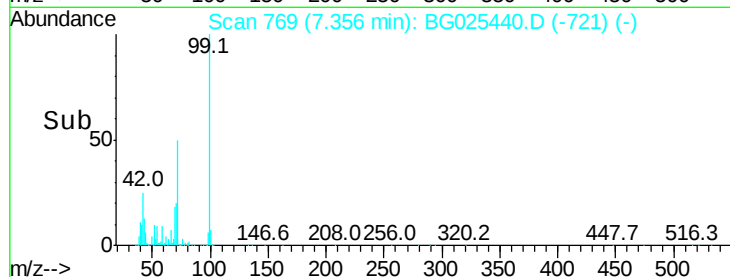
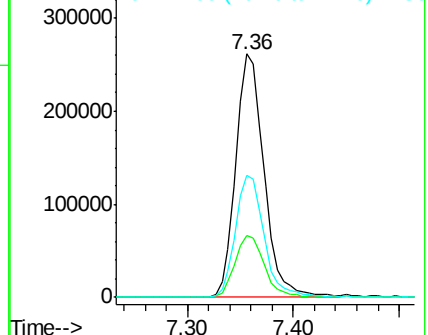
71 50.3 37.6 56.4



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: 20.00 ng

RT: 11.03 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BG025440.D

Acq: 9 Jan 2017 21:29

Tgt Ion: 136 Resp: 197471

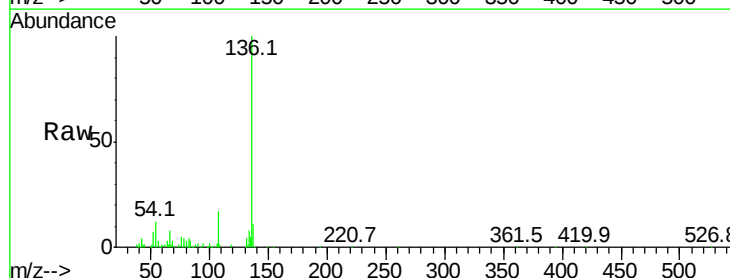
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 12.0 9.3 13.9

68 3.1 5.1 7.7#

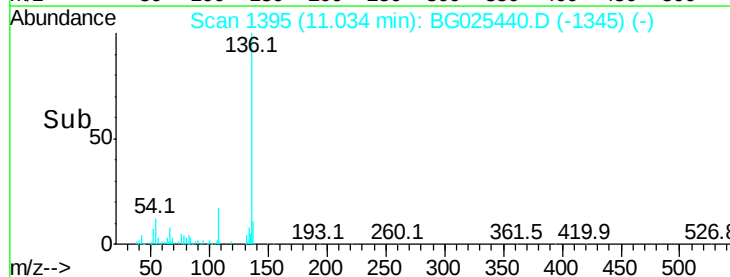
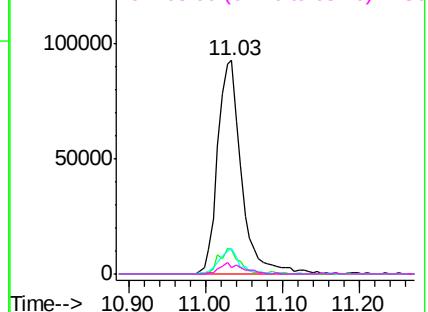


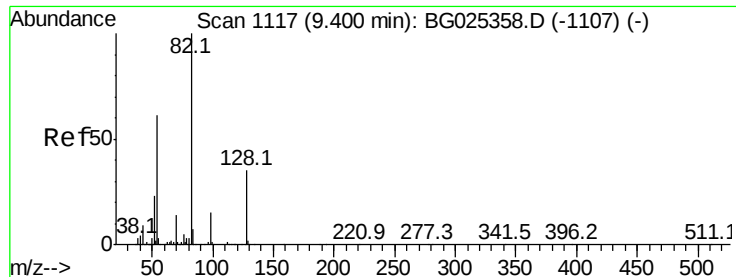
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

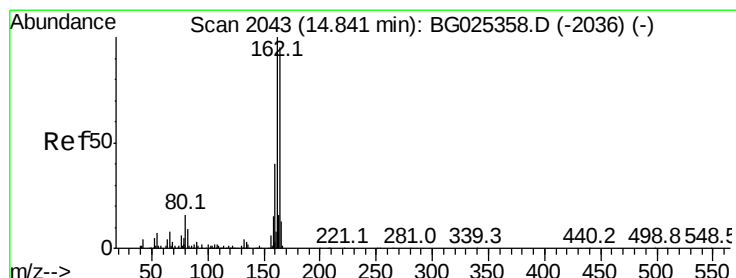
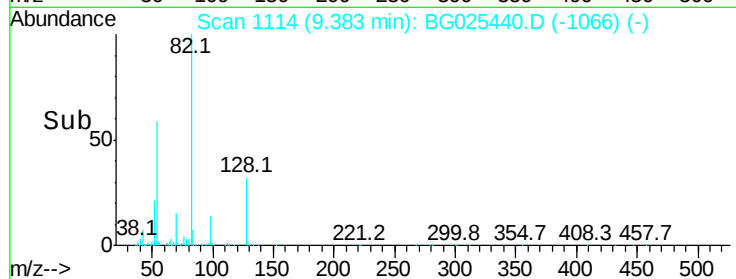
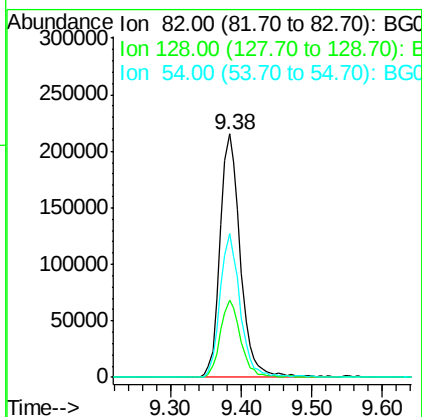
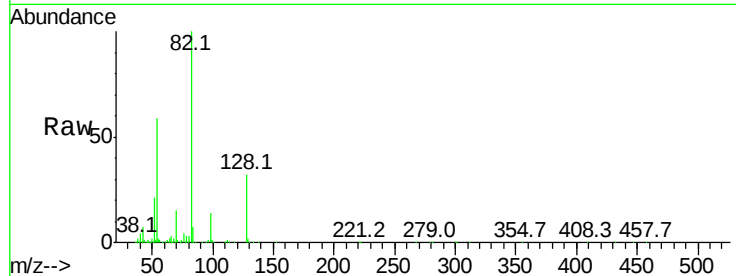




#23
 Nitrobenzene-d5
 Concen: 96.33 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.02 min
 Lab File: BG025440.D
 Acq: 9 Jan 2017 21:29

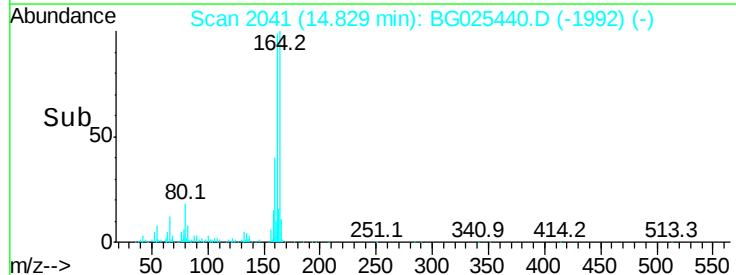
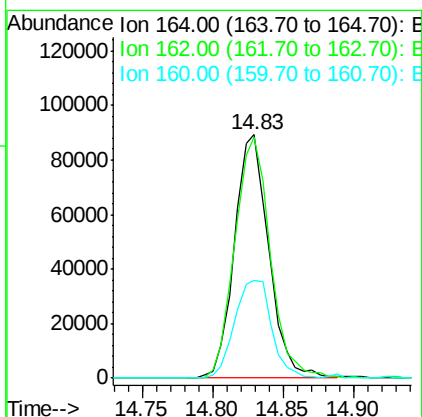
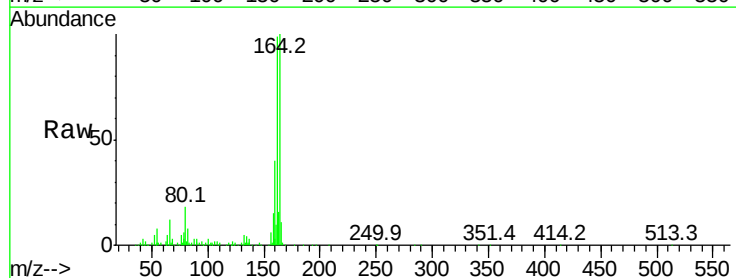
Instrument :
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 L-SWITCH-SP-0-2-COMP

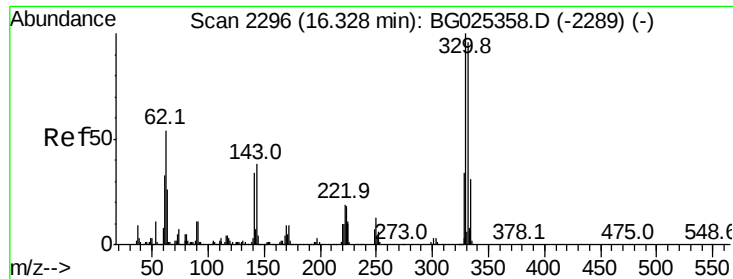
Tot Ion	82	Resp	430598
Ion Ratio	100	Lower	Upper
128	31.8	26.4	39.6
54	58.9	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BG025440.D
 Acq: 9 Jan 2017 21:29

Tgt Ion	164	Resp	152084
Ion Ratio	100	Lower	Upper
162	98.9	85.1	127.7
160	40.2	34.7	52.1

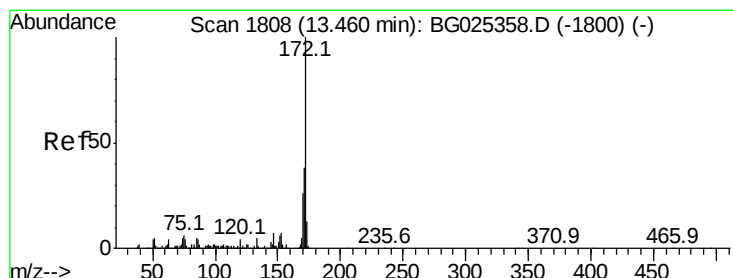
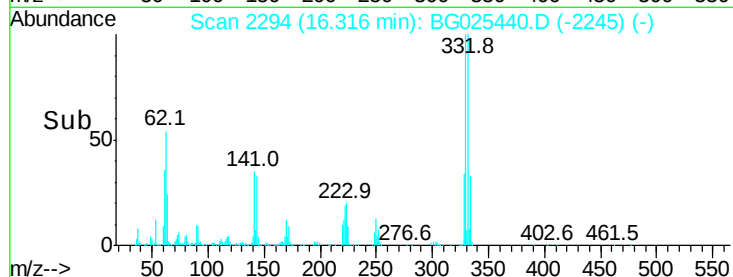
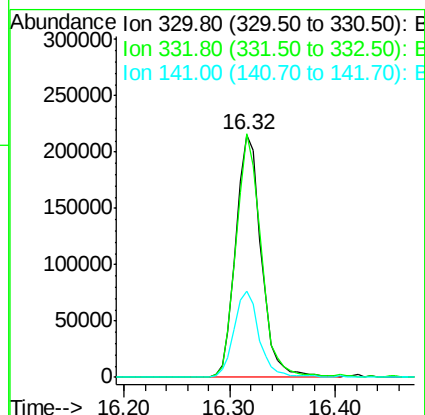
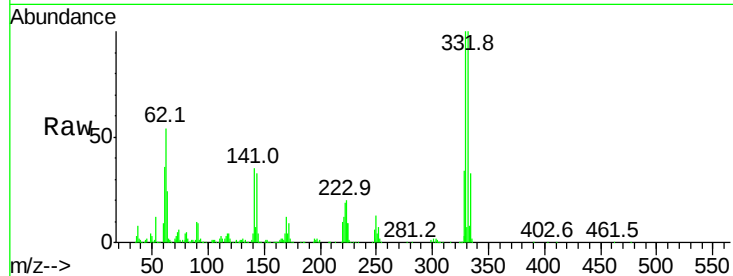




#41
 2,4,6-Tribromophenol
 Concen: 146.61 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BG025440.D
 Acq: 9 Jan 2017 21:29

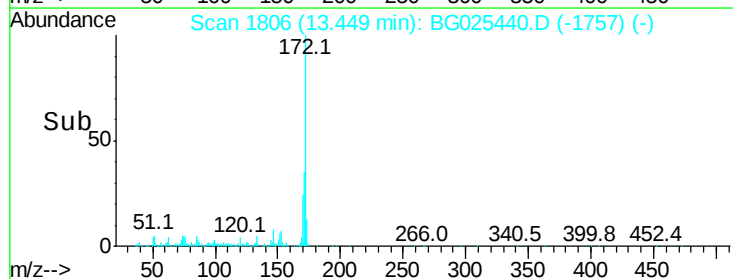
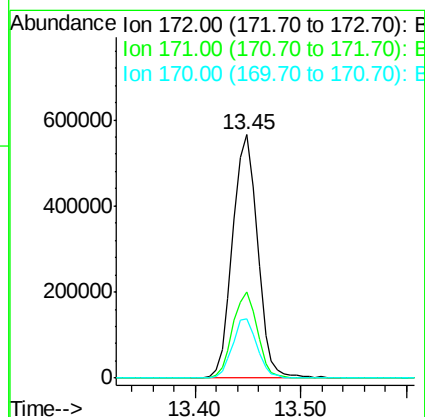
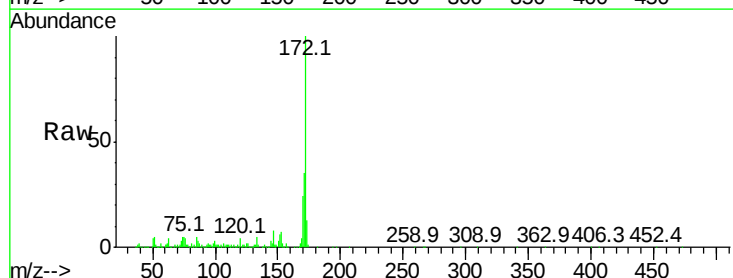
Instrument :
 BNA_G
 ClientSampleId :
 L-SWITCH-SP-0-2-COMP

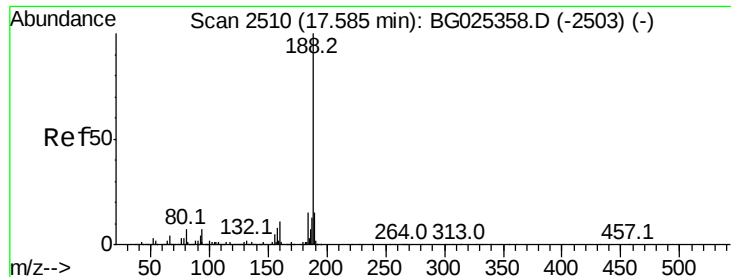
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.3	115.9
141	35.1	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 98.18 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG025440.D
 Acq: 9 Jan 2017 21:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	32.2	48.2
170	24.4	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BG025440.D

Acq: 9 Jan 2017 21:29

Instrument :

BNA_G

ClientSampleId :

L-SWITCH-SP-0-2-COMP

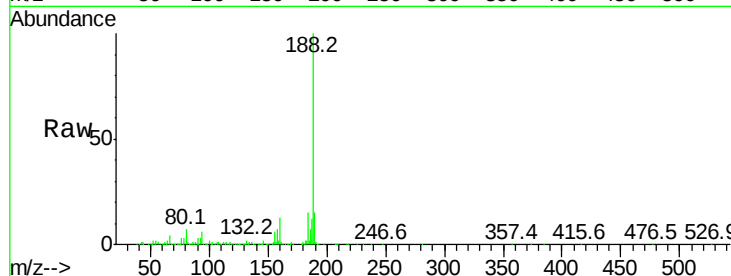
Tot Ion:188 Resp: 368957

Ion Ratio Lower Upper

188 100

94 5.8 5.8 8.8#

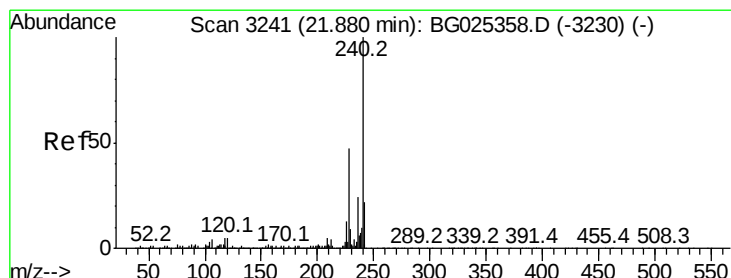
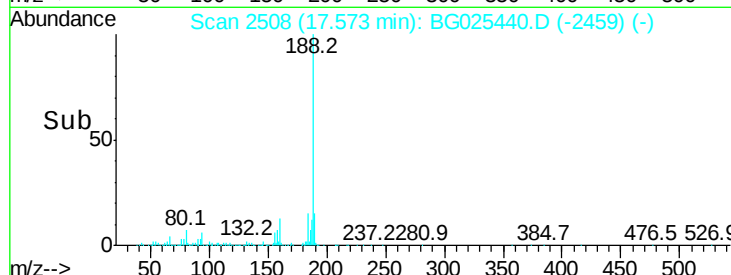
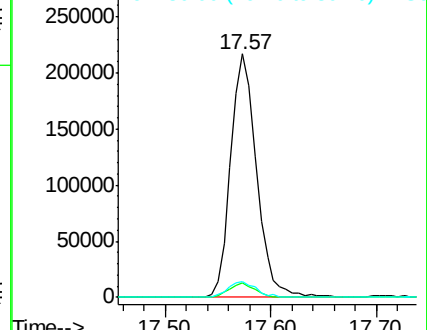
80 6.6 7.5 11.3#



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: 21.86 min Scan# 3238

Delta R.T. -0.02 min

Lab File: BG025440.D

Acq: 9 Jan 2017 21:29

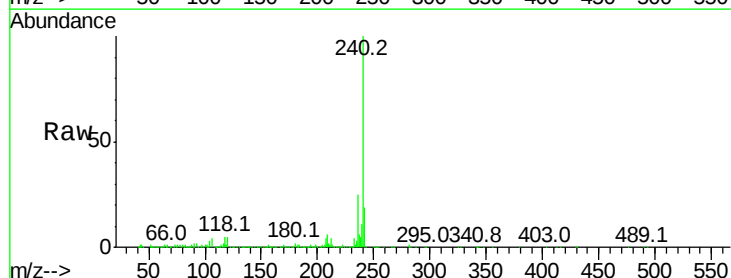
Tgt Ion:240 Resp: 566392

Ion Ratio Lower Upper

240 100

120 5.0 5.7 8.5#

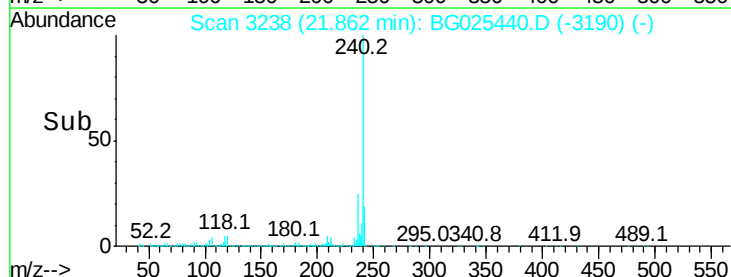
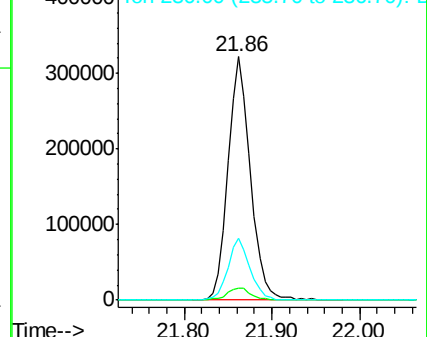
236 25.4 22.2 33.4

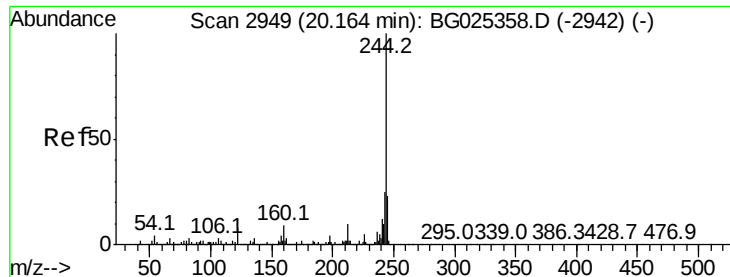


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.33 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG025440.D

Acq: 9 Jan 2017 21:29

Instrument :

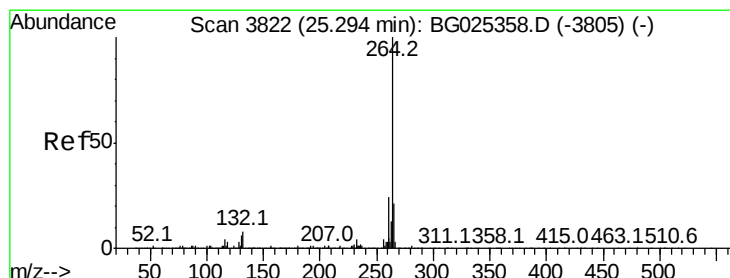
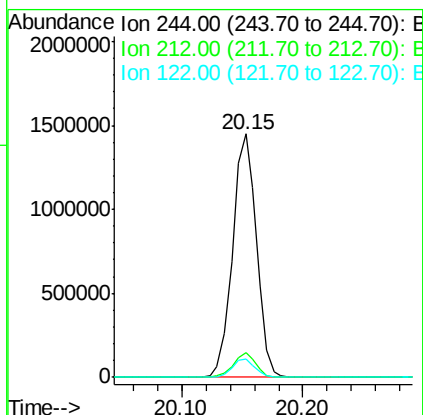
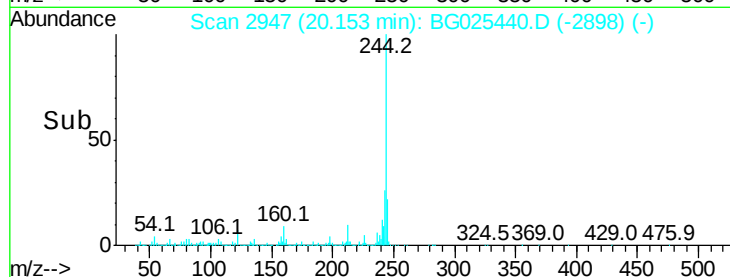
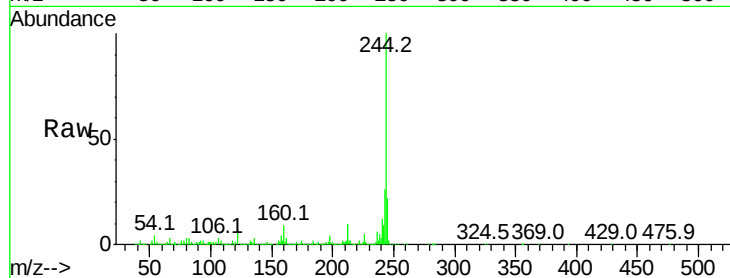
BNA_G

ClientSampleId :

L-SWITCH-SP-0-2-COMP

Tot Ion:244 Resp: 1993732

Ion	Ratio	Lower	Upper
244	100		
212	10.1	10.0	15.0
122	7.5	8.6	12.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3816

Delta R.T. -0.04 min

Lab File: BG025440.D

Acq: 9 Jan 2017 21:29

Tgt Ion:264 Resp: 593548

Ion	Ratio	Lower	Upper
264	100		
260	23.4	21.8	32.8
265	21.3	18.2	27.4

