

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032558.D
 Acq On : 6 Feb 2018 6:17
 Operator : SJ/JU
 Sample : J1453-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-3

Quant Time: Feb 06 08:27:15 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

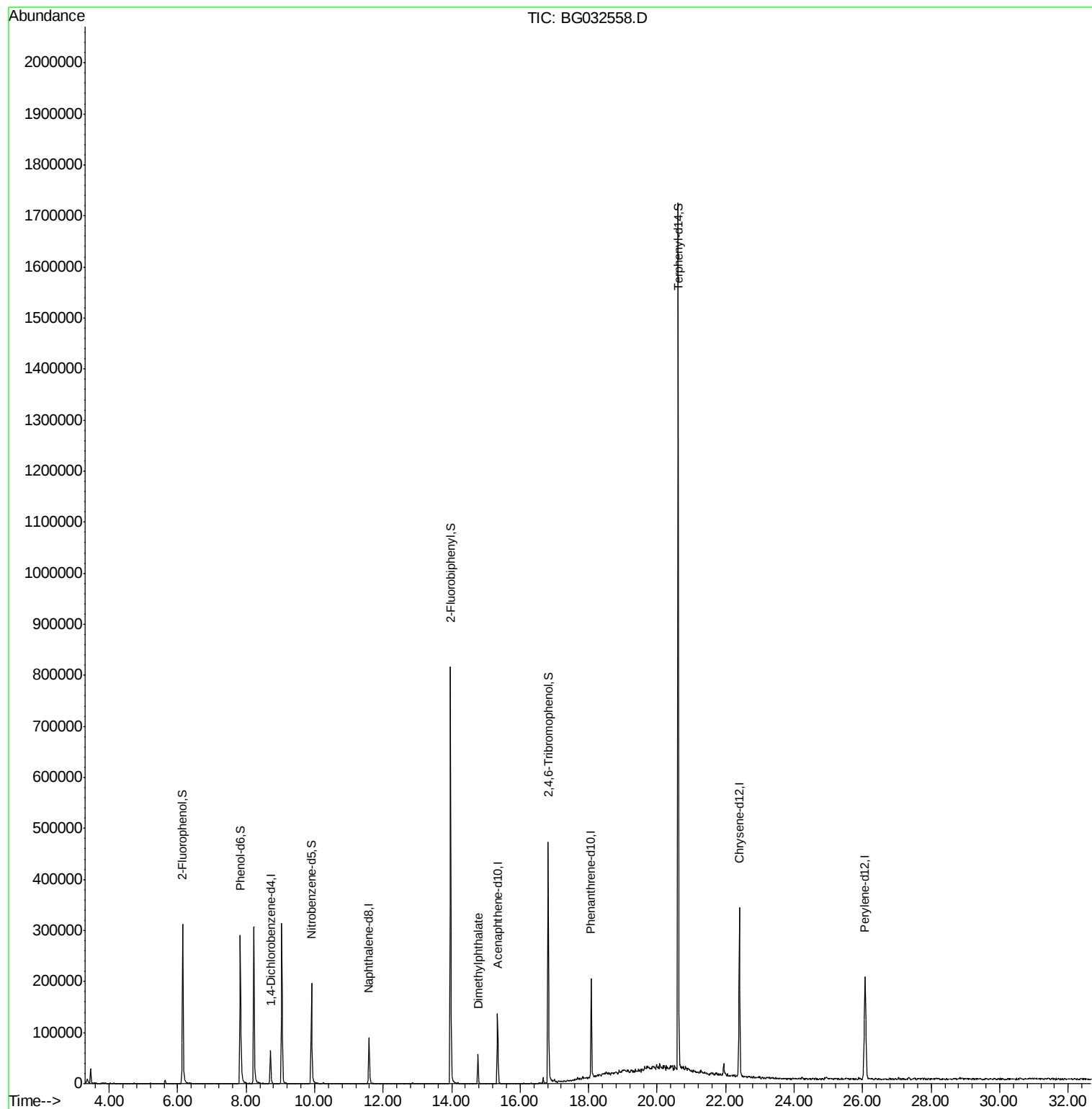
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	24321	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	102306	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	57100	20.00	ng	-0.01
63) Phenanthrene-d10	18.07	188	142665	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	255958	20.00	ng	-0.01
86) Perylene-d12	26.06	264	292279	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	170763	141.03	ng	0.00
7) Phenol-d6	7.83	99	206322	127.69	ng	0.00
23) Nitrobenzene-d5	9.91	82	135103	82.48	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	134453	123.70	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	504344	104.98	ng	-0.02
78) Terphenyl-d14	20.61	244	959274	80.28	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.77	163	47369	8.997	ng	Qvalue 99

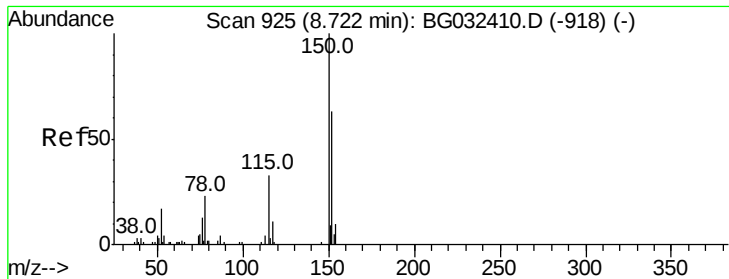
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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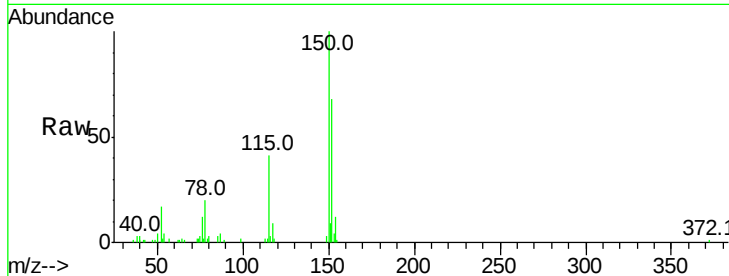


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG032558.D
Acq: 6 Feb 2018 6:17

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Tot Ion	Ratio	Lower	Upper
152	100		
150	147.9	126.6	189.8
115	60.4	53.0	79.4

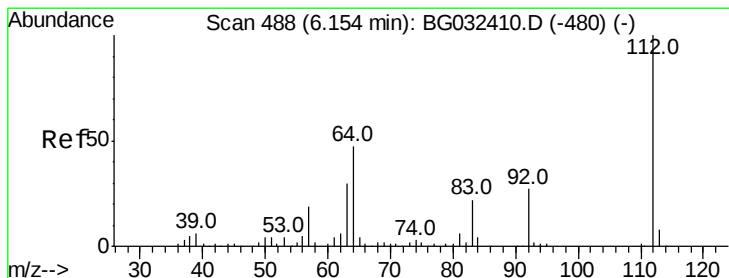
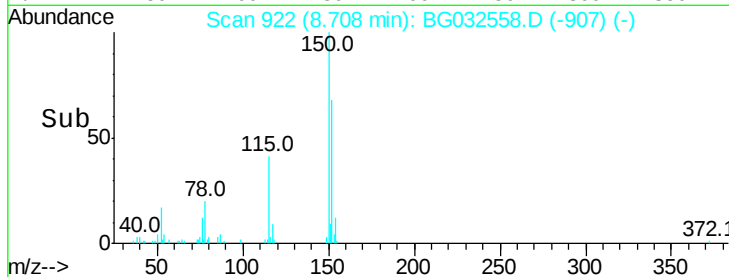
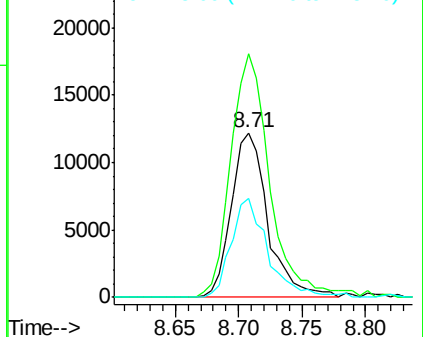


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

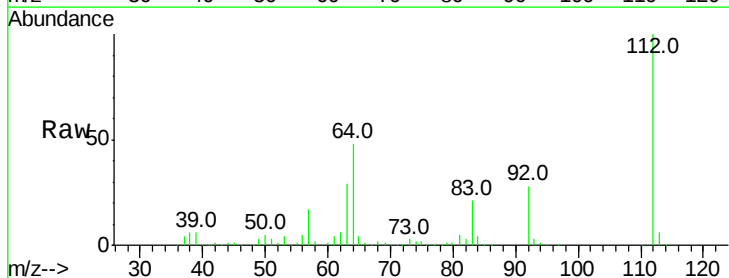
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 141.025 ng
RT: 6.15 min Scan# 486
Delta R.T. -0.01 min
Lab File: BG032558.D
Acq: 6 Feb 2018 6:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.7	56.3	84.5#
63	28.6	30.1	45.1#

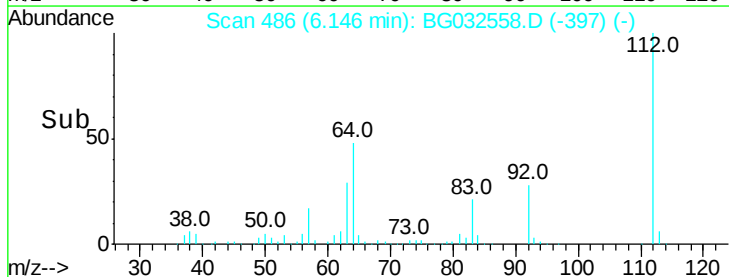
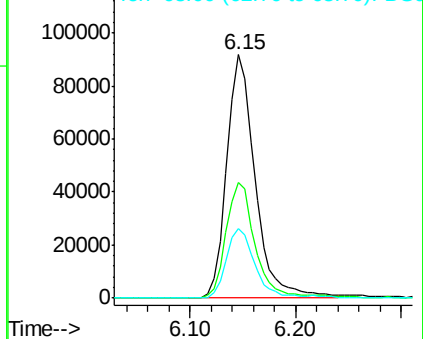


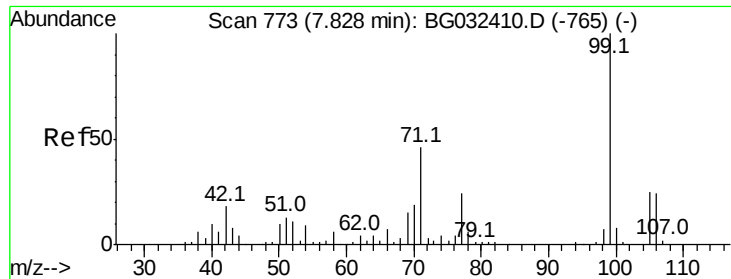
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 127.690 ng

RT: 7.83 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG032558.D

Acq: 6 Feb 2018 6:17

Instrument :

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ClientSampleId :

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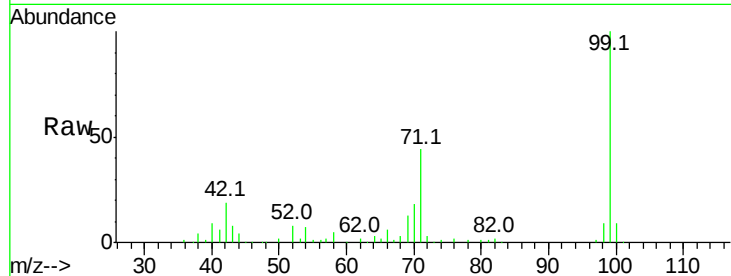
Tot Ion: 99 Resp: 206322

Ion Ratio Lower Upper

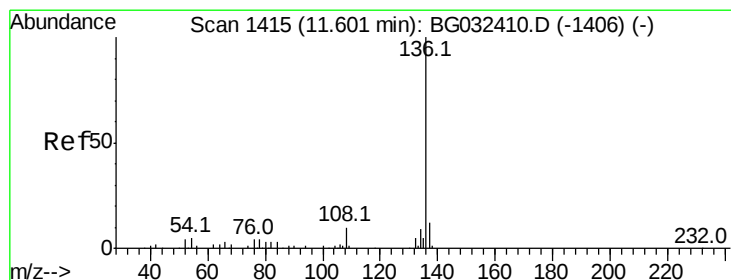
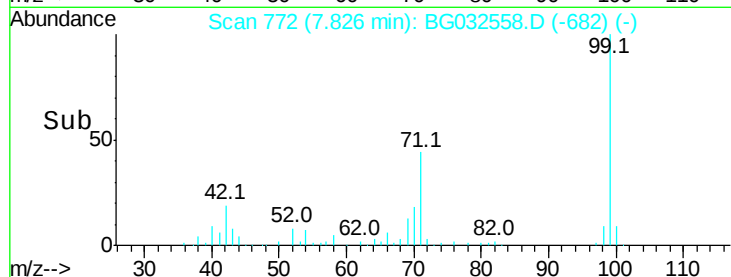
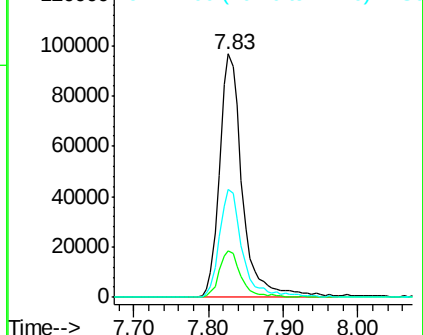
99 100

42 18.8 14.1 21.1

71 44.3 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: 11.59 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BG032558.D

Acq: 6 Feb 2018 6:17

Tgt Ion: 136 Resp: 102306

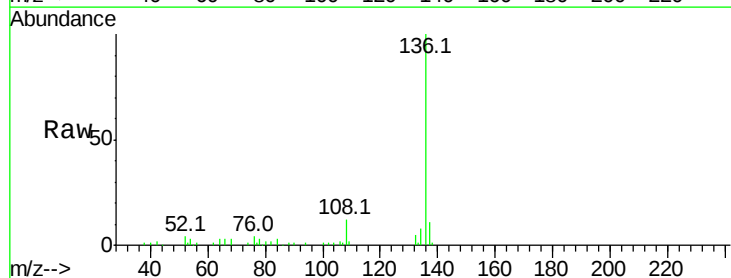
Ion Ratio Lower Upper

136 100

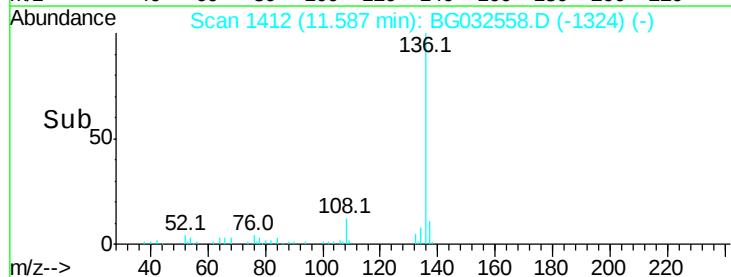
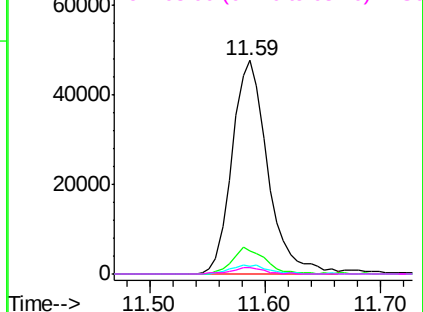
137 11.1 9.2 13.8

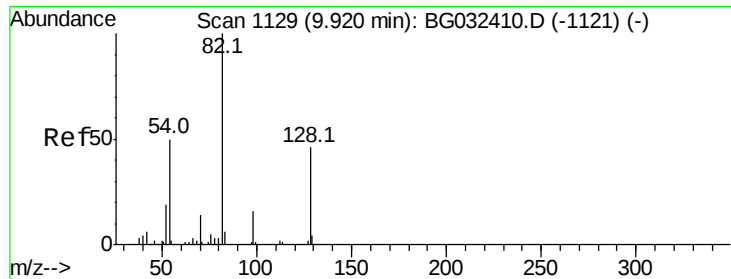
54 3.5 10.3 15.5#

68 3.2 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

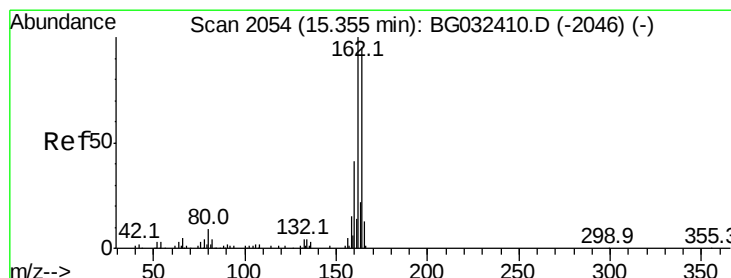
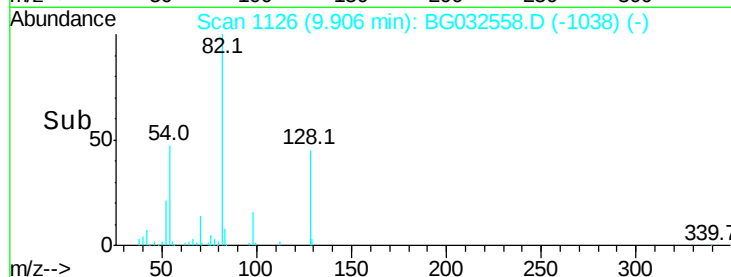
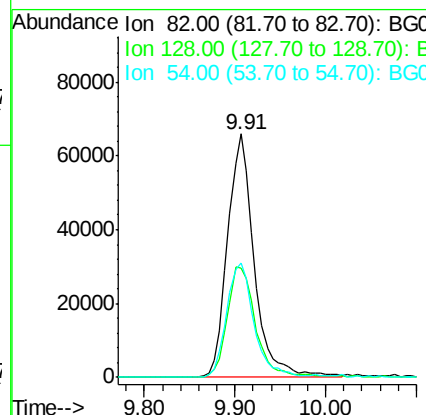
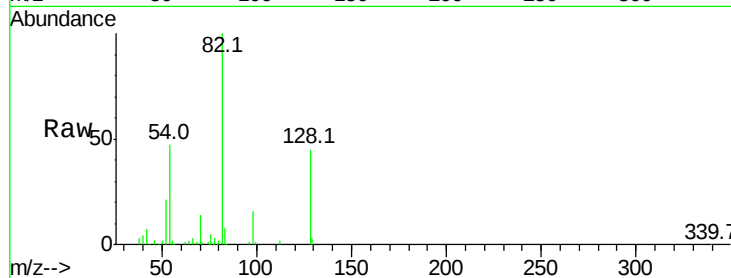




#23
 Nitrobenzene-d5
 Concen: 82.484 ng
 RT: 9.91 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BG032558.D
 Acq: 6 Feb 2018 6:17

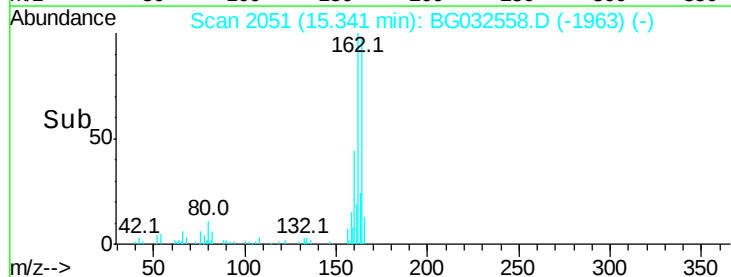
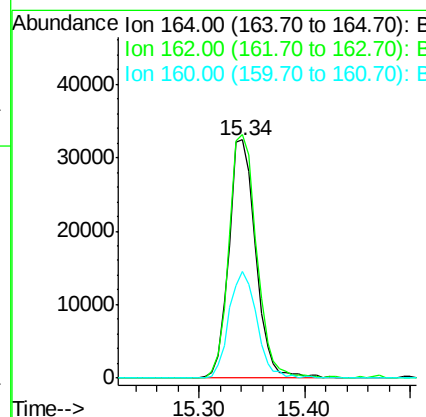
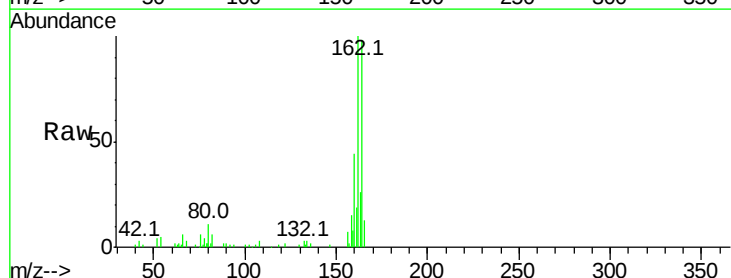
Instrument :
 BNA_G
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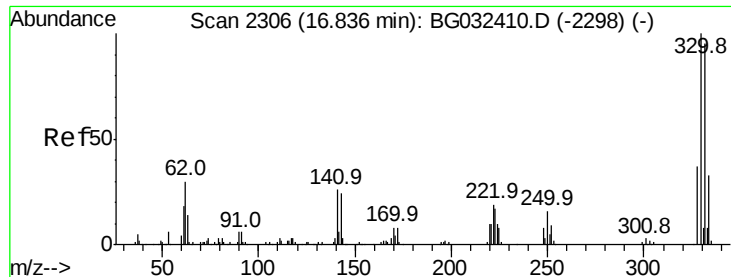
Tot Ion: 82 Resp: 135103
 Ion Ratio Lower Upper
 82 100
 128 44.9 29.7 44.5#
 54 46.8 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BG032558.D
 Acq: 6 Feb 2018 6:17

Tgt Ion:164 Resp: 57100
 Ion Ratio Lower Upper
 164 100
 162 102.2 78.8 118.2
 160 44.9 35.4 53.0

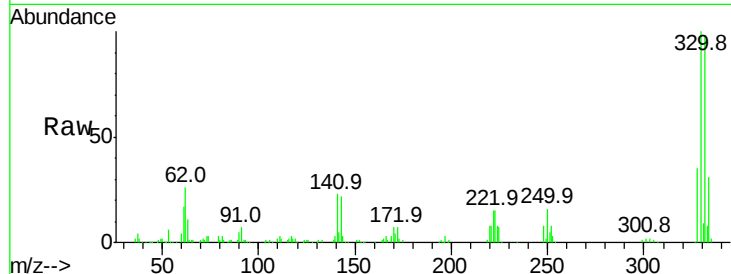




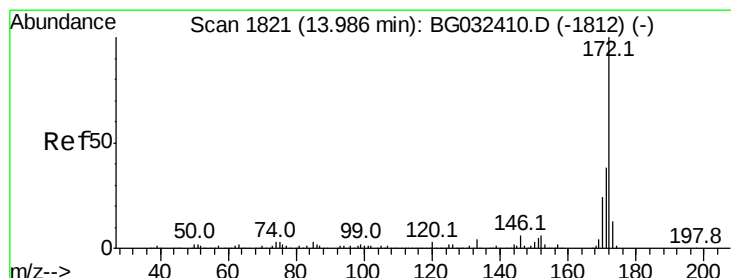
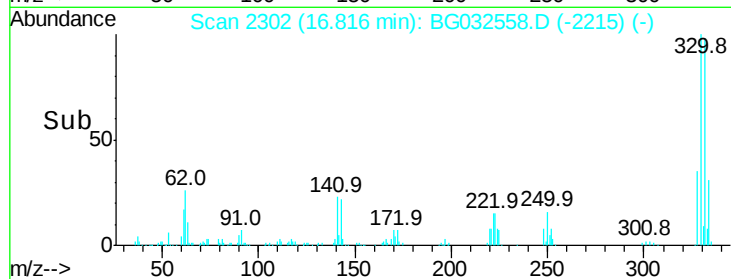
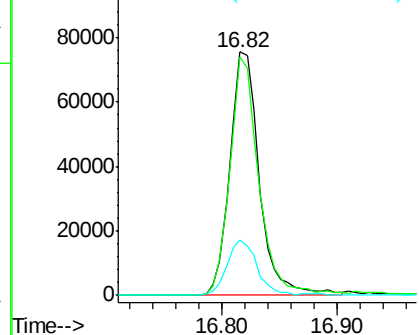
#41
 2,4,6-Tribromophenol
 Concen: 123.703 ng
 RT: 16.82 min Scan# 2302
 Delta R.T. -0.02 min
 Lab File: BG032558.D
 Acq: 6 Feb 2018 6:17

Instrument :
 BNA_G
 ClientSampleId :
 P-3

Tot Ion:330 Resp: 134453
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 22.8 25.2 37.8#

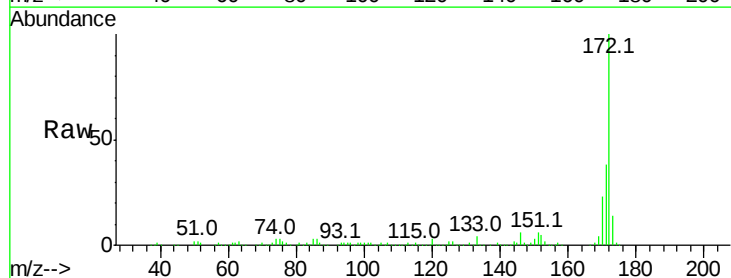


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

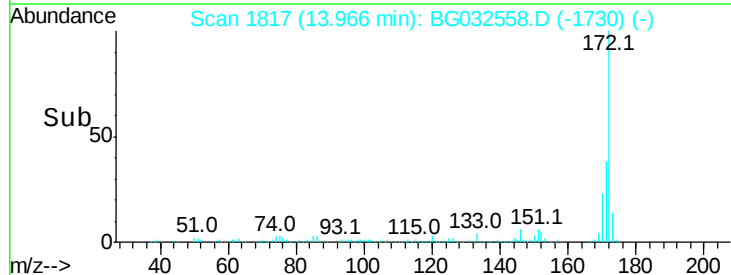
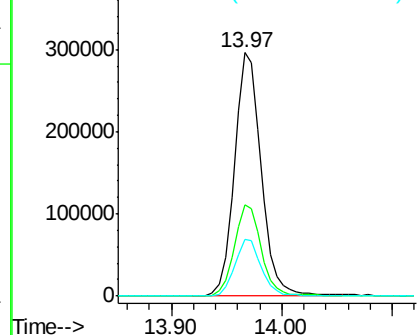


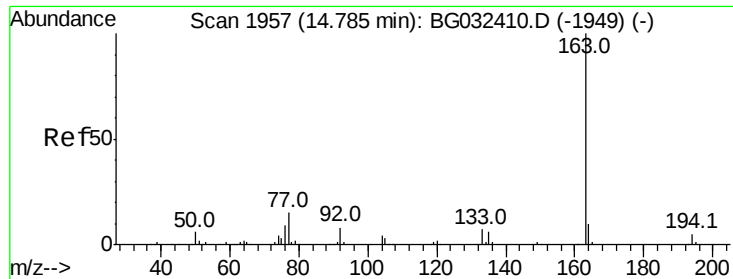
#44
 2-Fluorobiphenyl
 Concen: 104.982 ng
 RT: 13.97 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BG032558.D
 Acq: 6 Feb 2018 6:17

Tgt Ion:172 Resp: 504344
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 23.1 19.5 29.3



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





#49

Dimethylphthalate

Concen: 8.997 ng

RT: 14.77 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG032558.D

Acq: 6 Feb 2018 6:17

Instrument :

BNA_G

ClientSampleId :

P-3

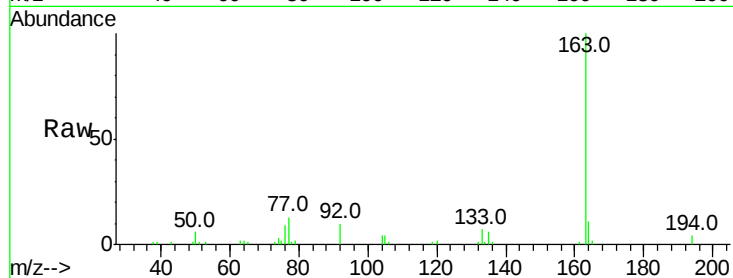
Tot Ion:163 Resp: 47369

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

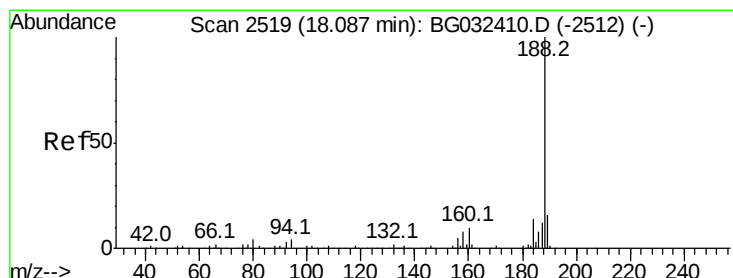
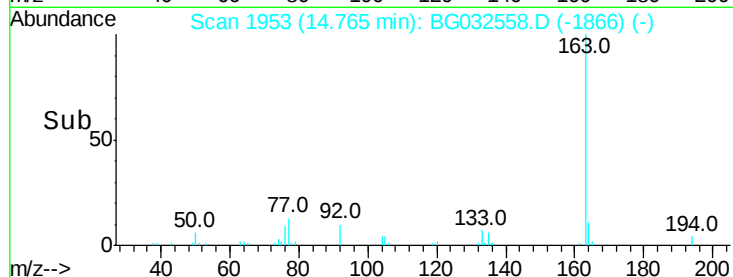
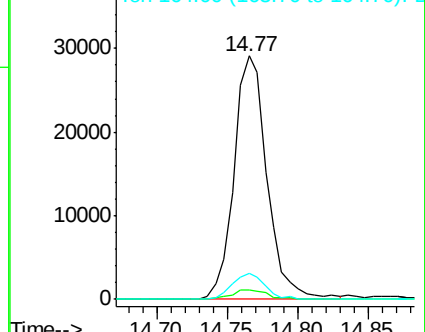
164 10.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.07 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG032558.D

Acq: 6 Feb 2018 6:17

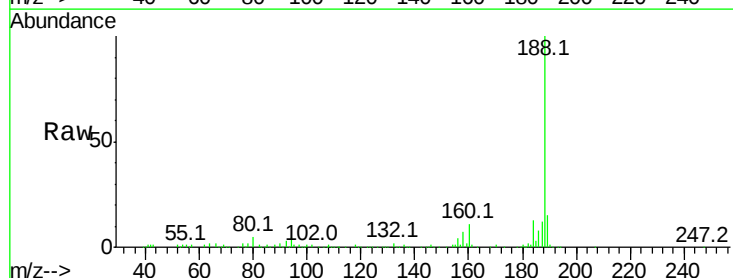
Tgt Ion:188 Resp: 142665

Ion Ratio Lower Upper

188 100

94 4.7 6.9 10.3#

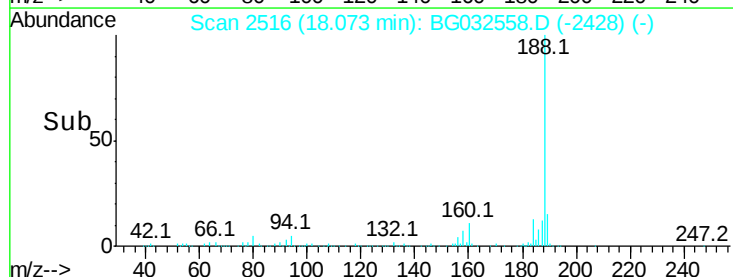
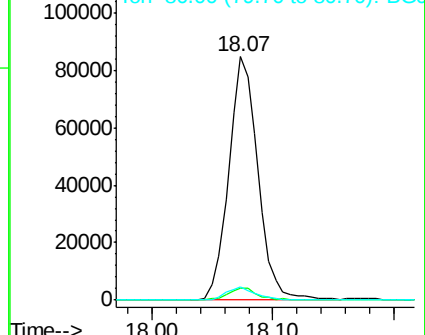
80 5.5 7.7 11.5#

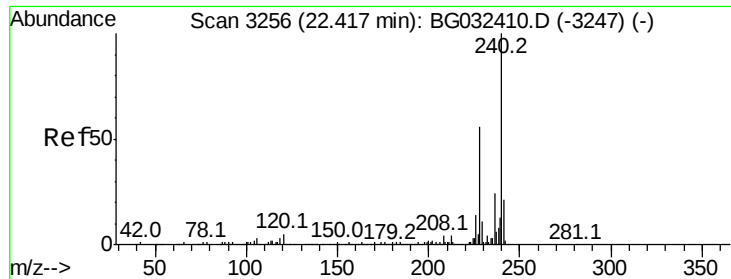


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

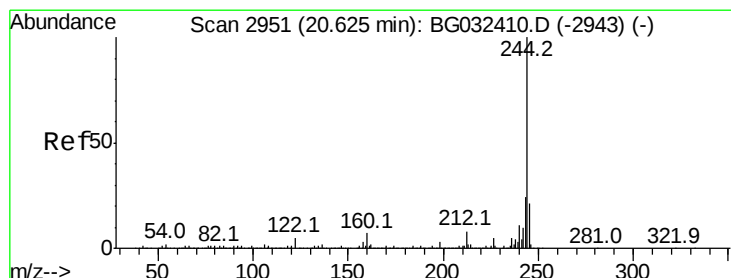
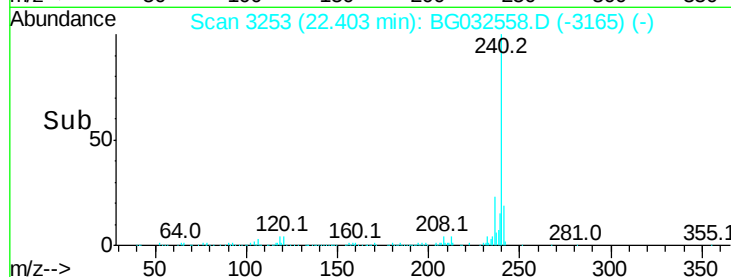
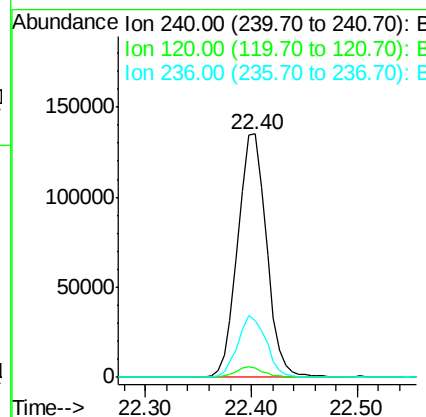
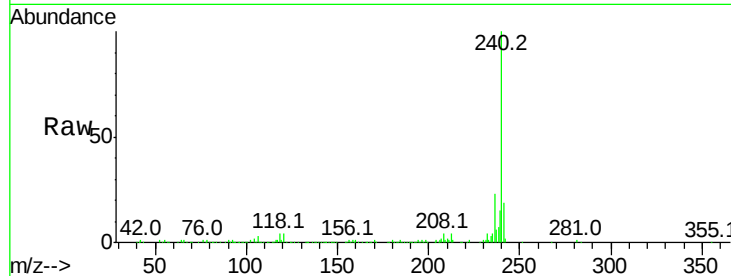




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.40 min Scan# 3253
 Delta R.T. -0.01 min
 Lab File: BG032558.D
 Acq: 6 Feb 2018 6:17

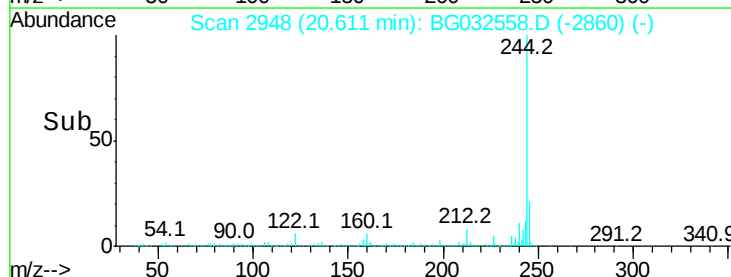
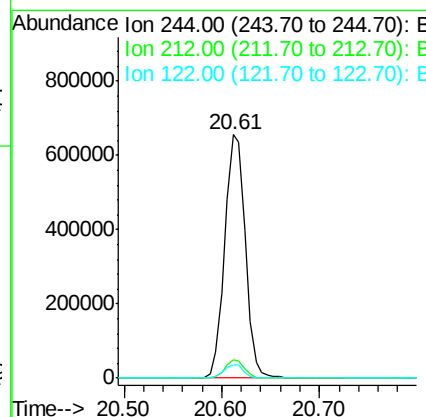
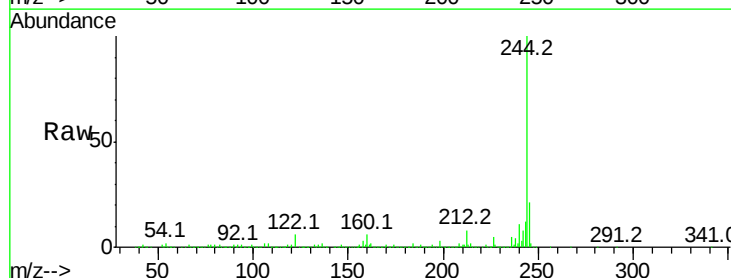
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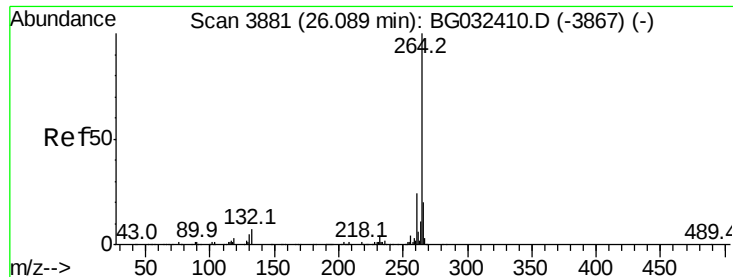
Tot Ion:240 Resp: 255958
 Ion Ratio Lower Upper
 240 100
 120 4.0 6.8 10.2#
 236 23.5 20.9 31.3



#78
 Terphenyl-d14
 Concen: 80.280 ng
 RT: 20.61 min Scan# 2948
 Delta R.T. -0.01 min
 Lab File: BG032558.D
 Acq: 6 Feb 2018 6:17

Tgt Ion:244 Resp: 959274
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 5.6 7.0 10.4#

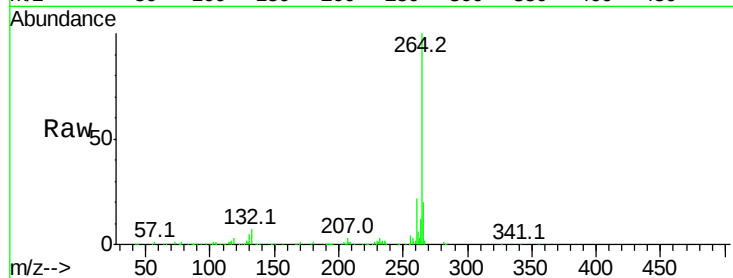




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.06 min Scan# 3876
 Delta R.T. -0.03 min
 Lab File: BG032558.D
 Acq: 6 Feb 2018 6:17

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	17.4	26.0
265	20.5	17.7	26.5



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

