

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
 Data File : BG039408.D
 Acq On : 8 Feb 2019 8:45
 Operator : JU/SJ
 Sample : K1394-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ISF

Quant Time: Feb 09 02:31:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

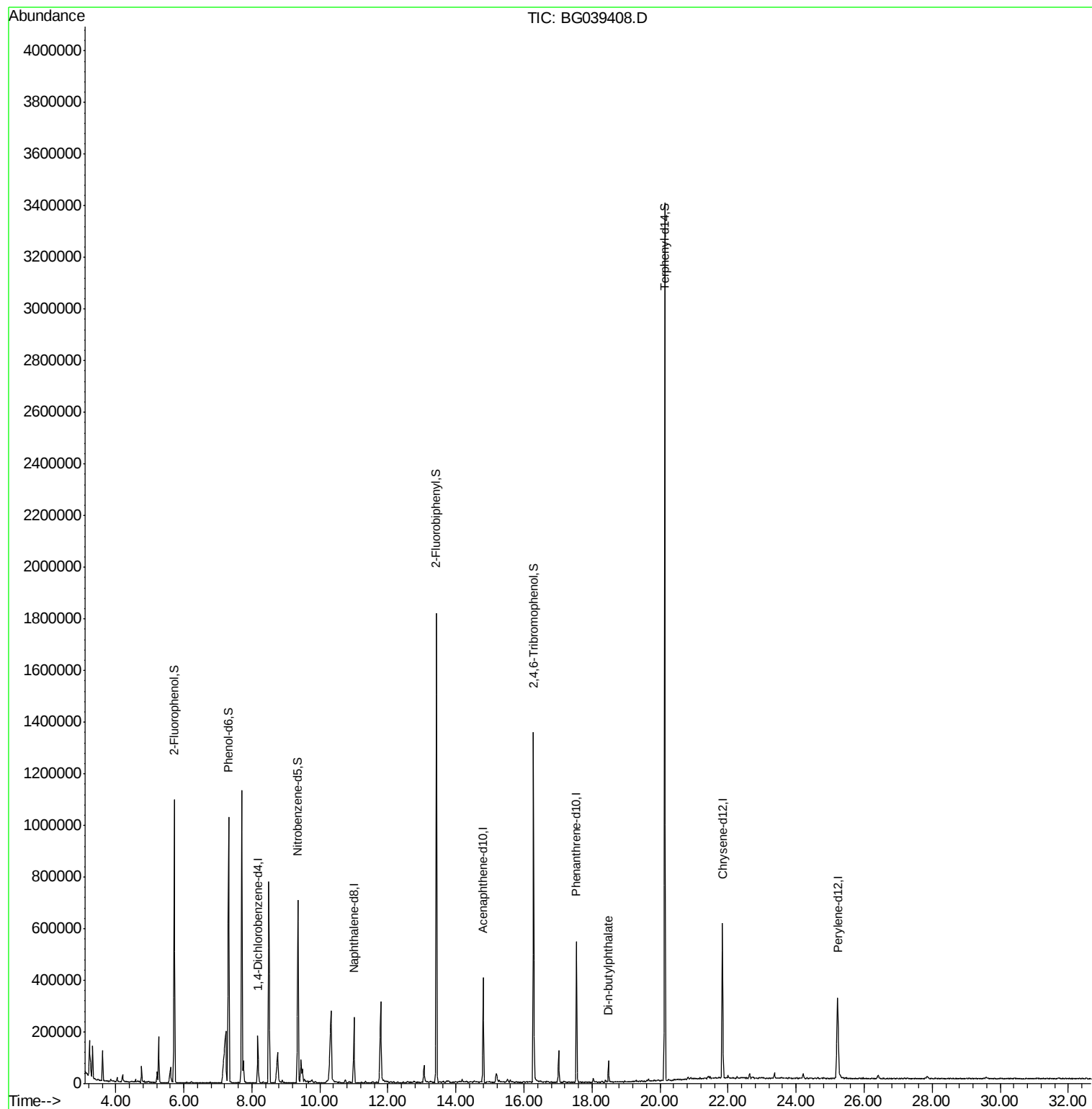
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	50807	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	216736	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	141939	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	339972	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	378996	20.00	ng	-0.02
87) Perylene-d12	25.22	264	379533	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	445250	149.99	ng	0.00
7) Phenol-d6	7.31	99	571568	130.80	ng	0.00
23) Nitrobenzene-d5	9.35	82	413234	119.11	ng	-0.01
42) 2,4,6-Tribromophenol	16.29	330	242956	158.96	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	926237	93.61	ng	-0.01
79) Terphenyl-d14	20.14	244	1547131	86.41	ng	-0.01
Target Compounds						Qvalue
74) Di-n-butylphthalate	18.48	149	57968	2.873	ng	98

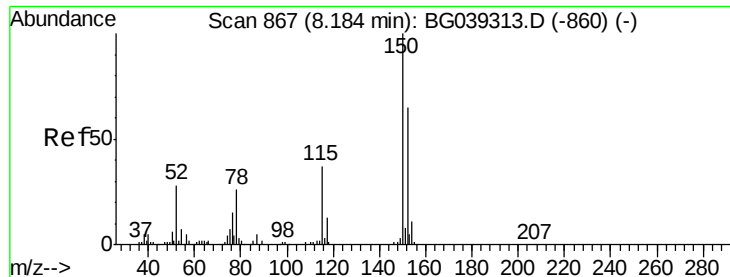
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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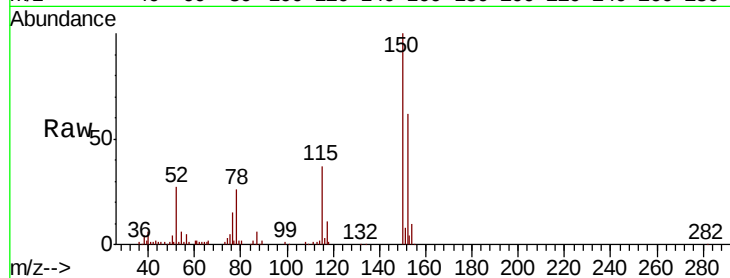


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039408.D
Acq: 8 Feb 2019 8:45

Instrument :
BNA_G
ClientSampleId :
ISF

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.3	123.7	185.5
115	60.6	45.9	68.9

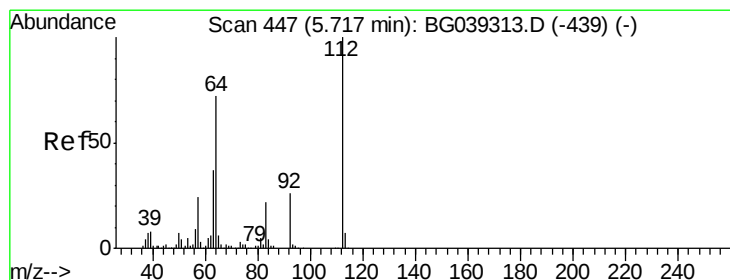
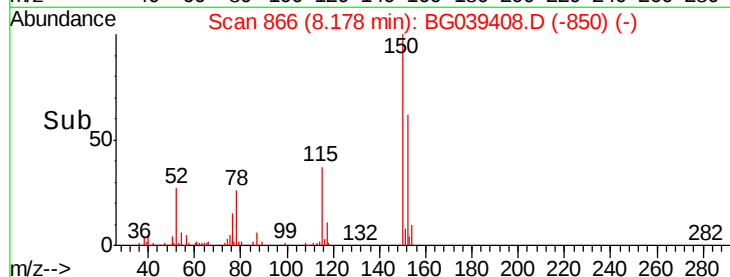
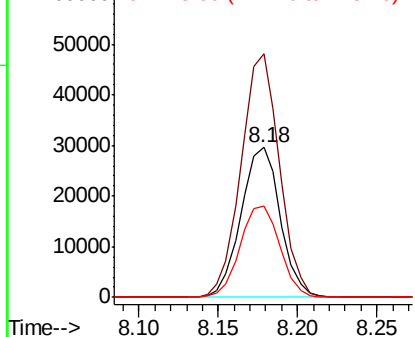


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

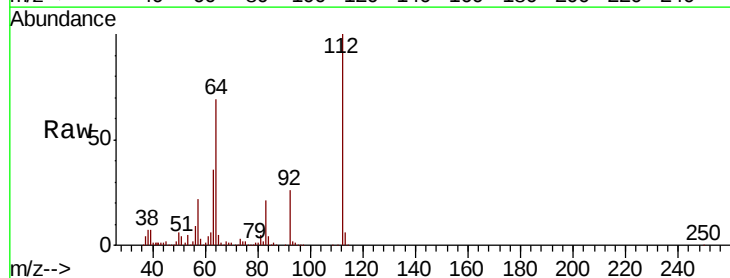
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 149.989 ng
RT: 5.72 min Scan# 447
Delta R.T. 0.00 min
Lab File: BG039408.D
Acq: 8 Feb 2019 8:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	57.8	86.8
63	36.4	29.8	44.6

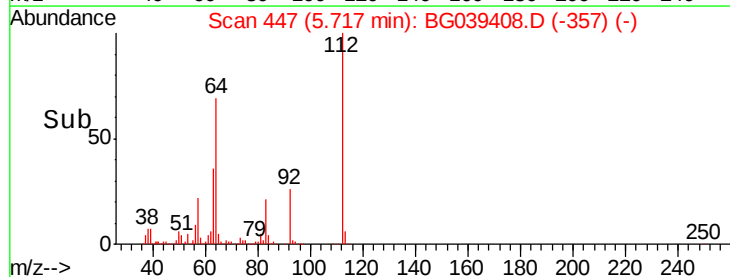
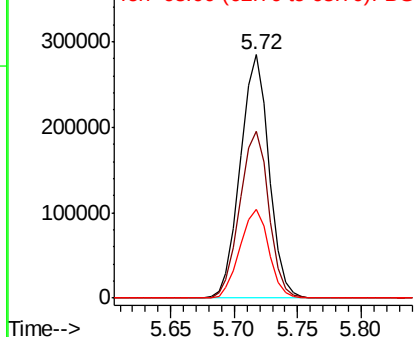


Abundance

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: 130.805 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039408.D

Acq: 8 Feb 2019 8:45

Instrument :

BNA_G

ClientSampleId :

ISF

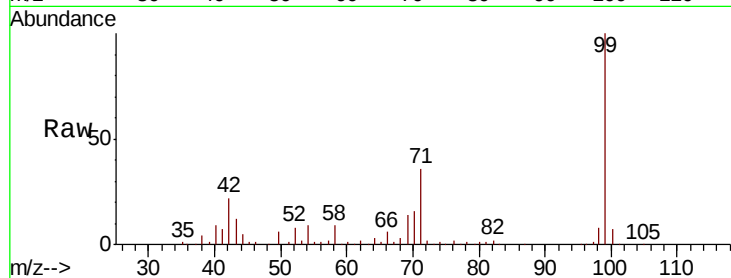
Tot Ion: 99 Resp: 571568

Ion Ratio Lower Upper

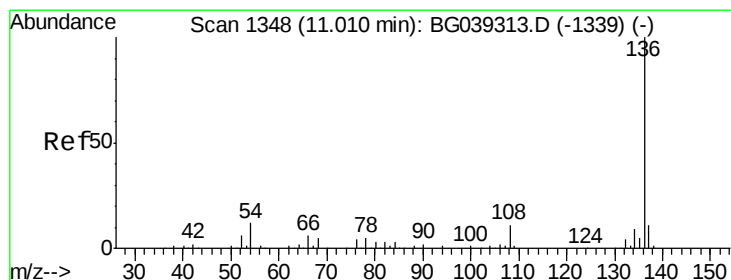
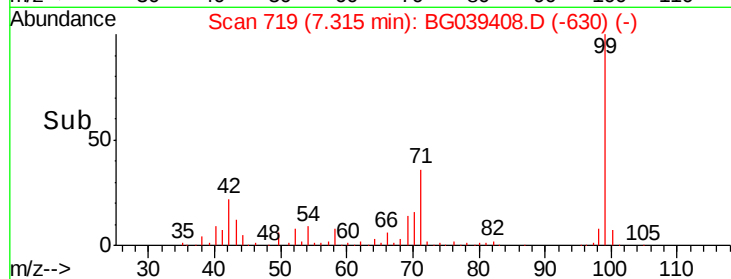
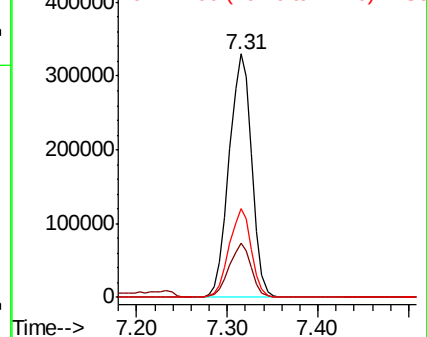
99 100

42 22.3 18.2 27.2

71 36.5 28.0 42.0



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: 11.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BG039408.D

Acq: 8 Feb 2019 8:45

Tgt Ion: 136 Resp: 216736

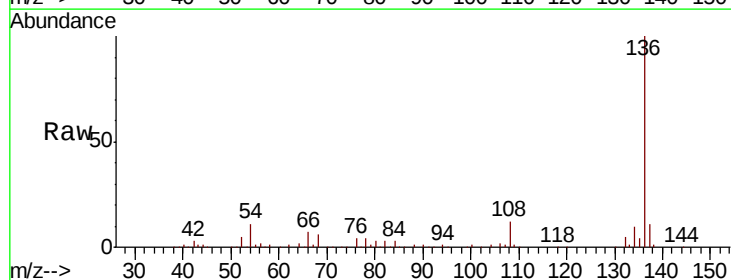
Ion Ratio Lower Upper

136 100

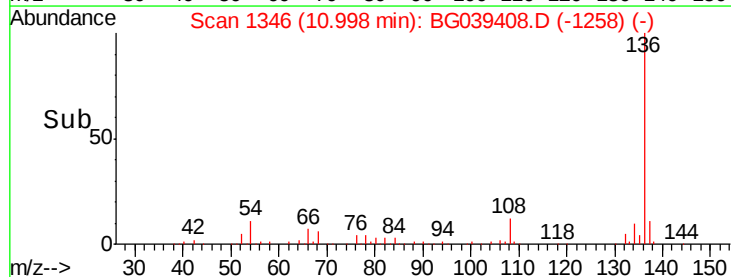
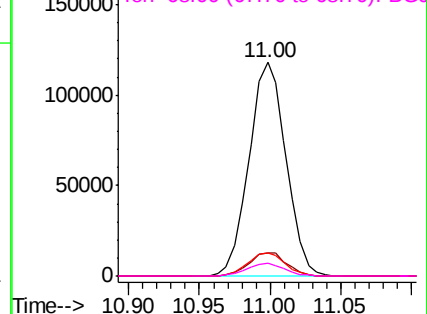
137 10.7 9.1 13.7

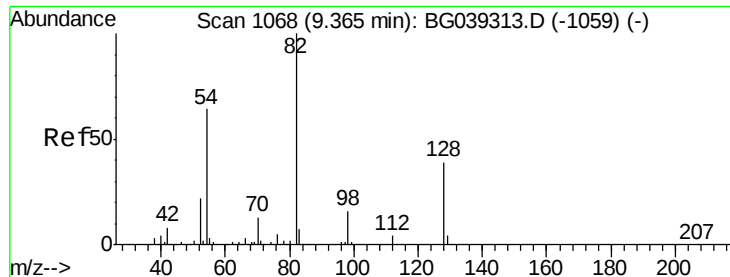
54 10.9 9.4 14.2

68 6.1 4.2 6.4



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

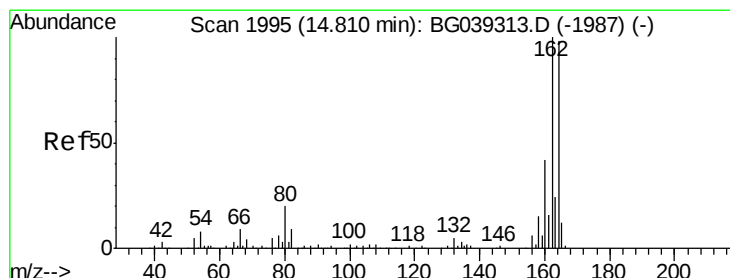
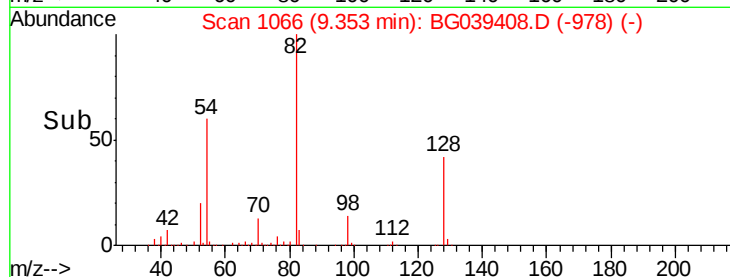
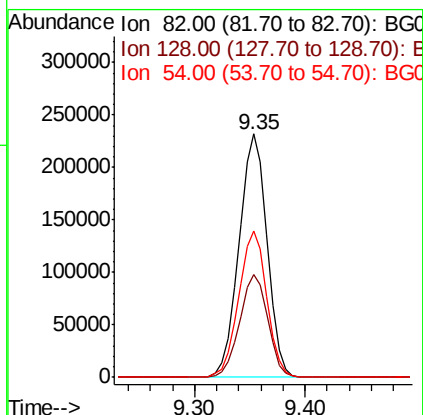
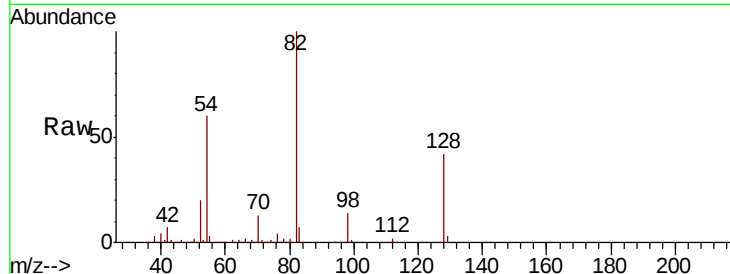




#23
 Nitrobenzene-d5
 Concen: 119.110 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039408.D
 Acq: 8 Feb 2019 8:45

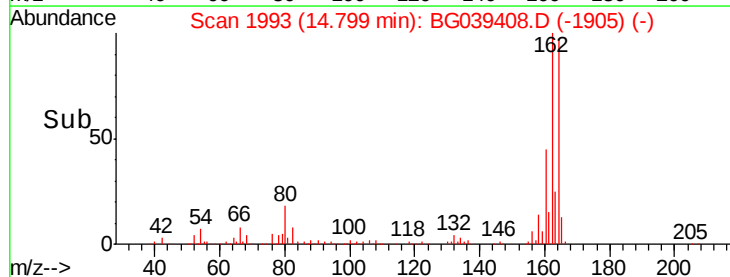
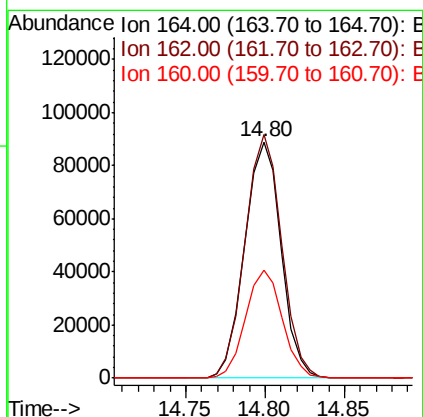
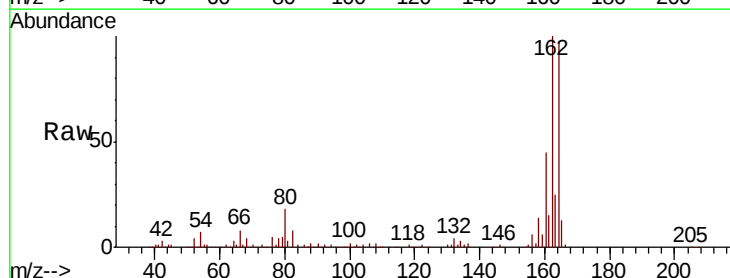
Instrument :
 BNA_G
 ClientSampled :
 ISF

Tot Ion	82	Resp	413234
Ion Ratio	100	Lower	Upper
128	42.4	31.3	46.9
54	60.1	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BG039408.D
 Acq: 8 Feb 2019 8:45

Tgt Ion	164	Resp	141939
Ion Ratio	100	Lower	Upper
162	103.1	81.6	122.4
160	46.0	34.2	51.2

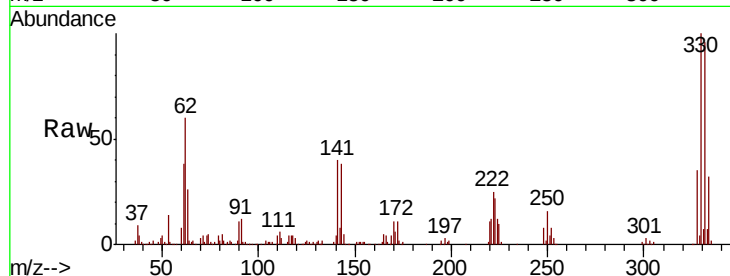




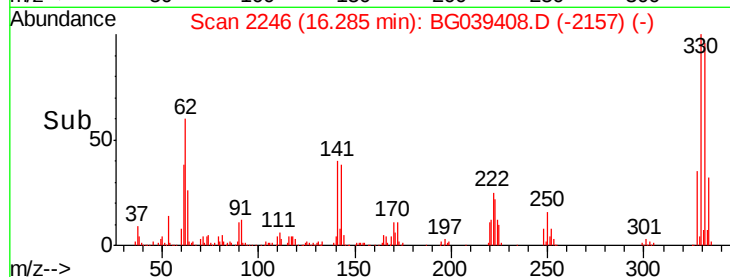
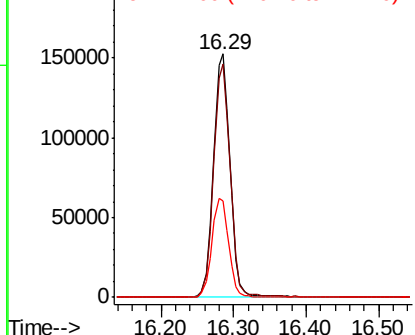
#42
 2,4,6-Tribromophenol
 Concen: 158.957 ng
 RT: 16.29 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039408.D
 Acq: 8 Feb 2019 8:45

Instrument :
 BNA_G
 ClientSampleId :
 ISF

Tot Ion:330 Resp: 242956
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.7 113.5
 141 41.1 35.6 53.4

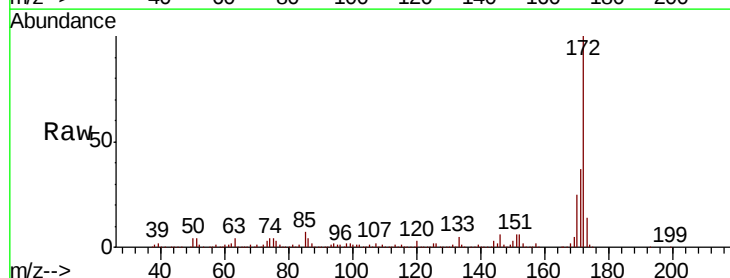


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

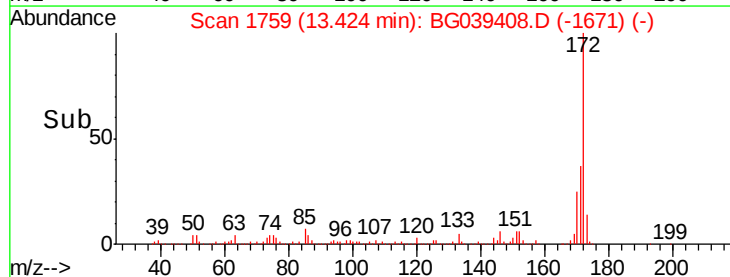
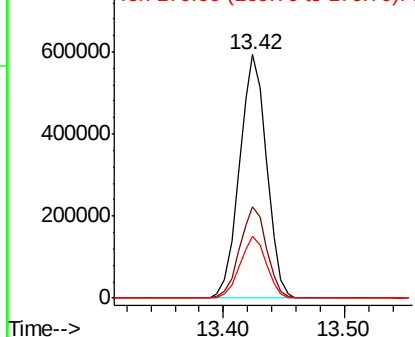


#45
 2-Fluorobiphenyl
 Concen: 93.613 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039408.D
 Acq: 8 Feb 2019 8:45

Tgt Ion:172 Resp: 926237
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.4 20.2 30.4



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039408.D

Acq: 8 Feb 2019 8:45

Instrument :

BNA_G

ClientSampleId :

ISF

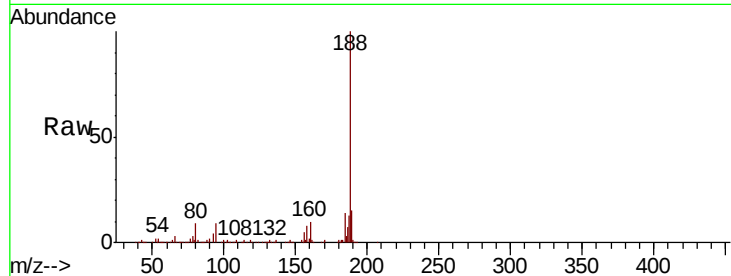
Tot Ion:188 Resp: 339972

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

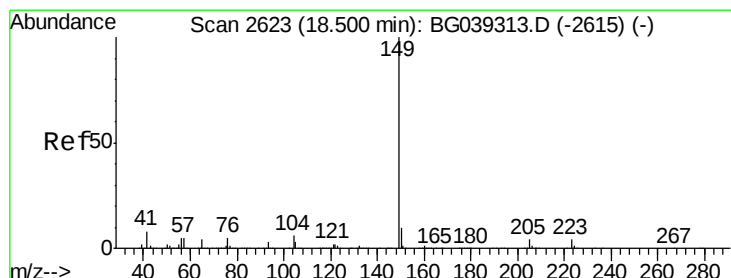
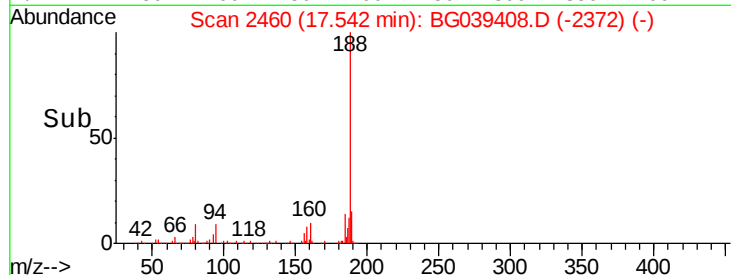
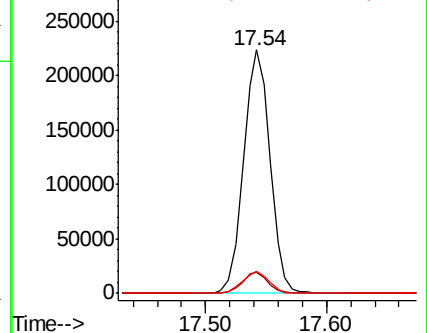
80 8.9 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#74

Di-n-butylphthalate

Concen: 2.873 ng

RT: 18.48 min Scan# 2620

Delta R.T. -0.02 min

Lab File: BG039408.D

Acq: 8 Feb 2019 8:45

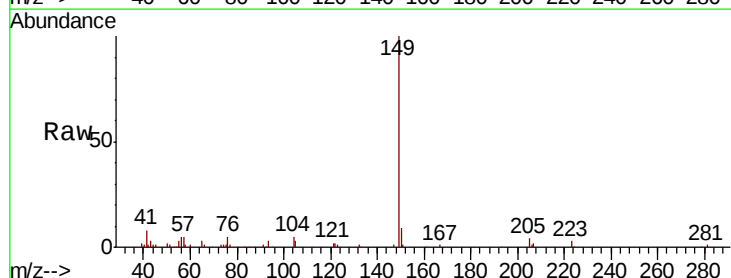
Tgt Ion:149 Resp: 57968

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

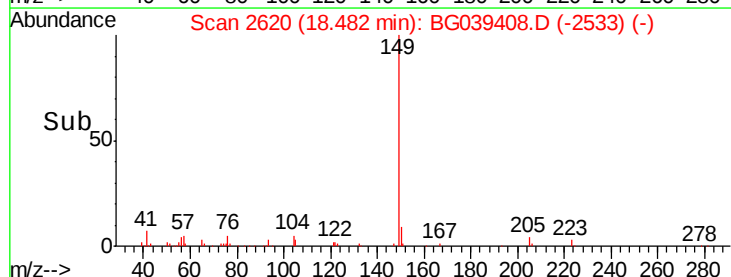
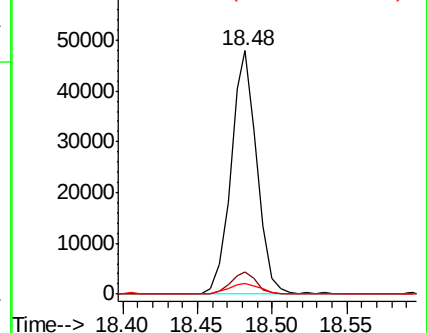
104 4.5 4.5 6.7

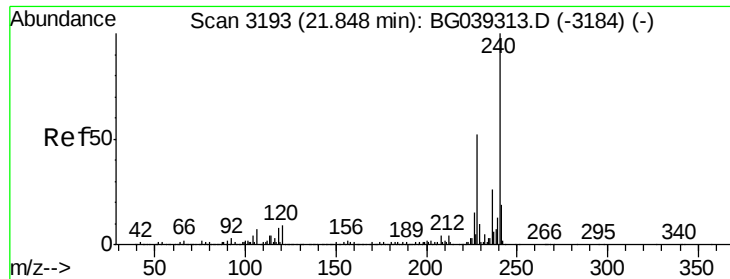


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

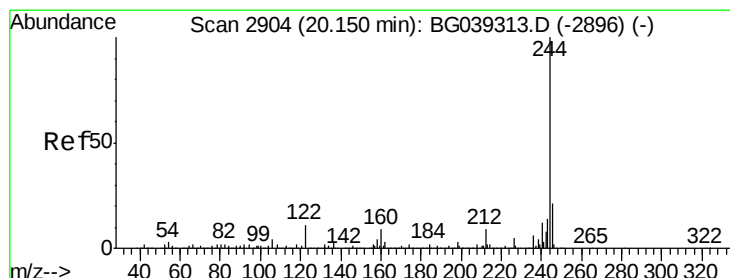
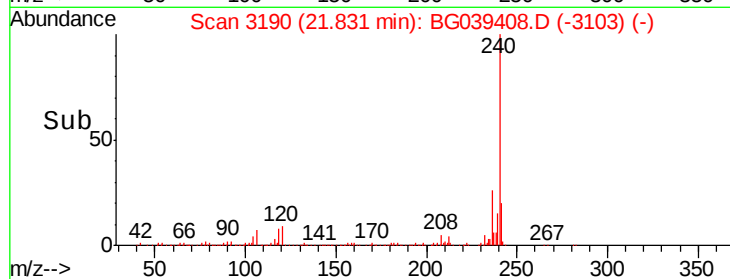
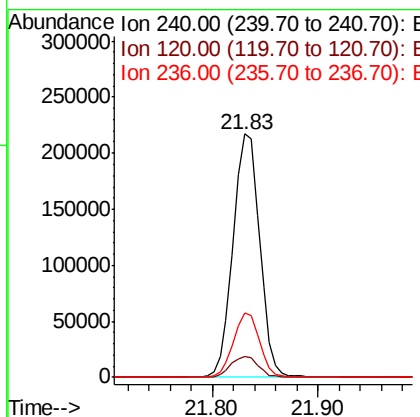
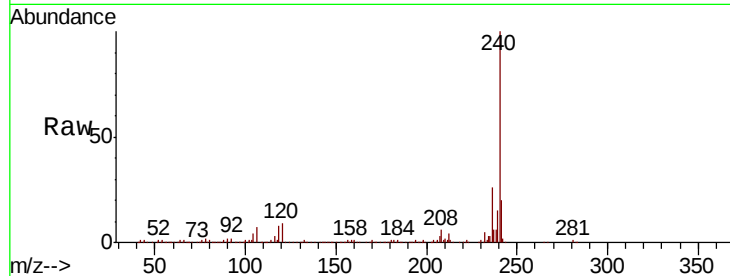




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.83 min Scan# 3190
 Delta R.T. -0.02 min
 Lab File: BG039408.D
 Acq: 8 Feb 2019 8:45

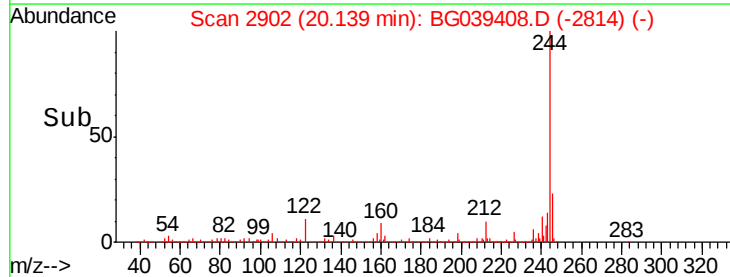
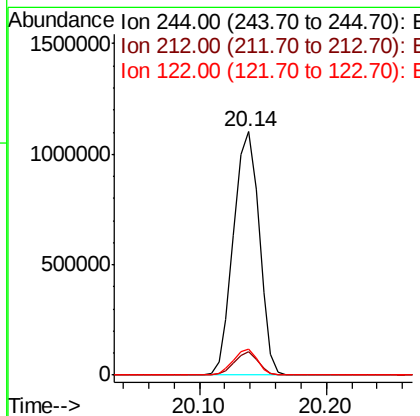
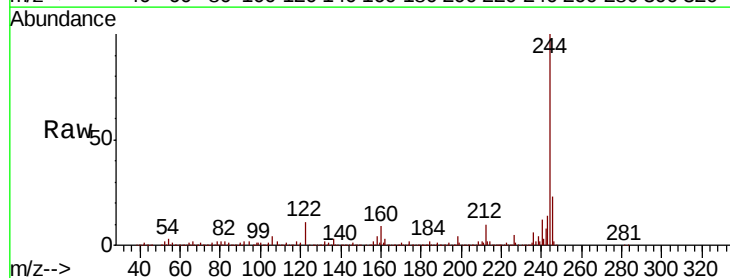
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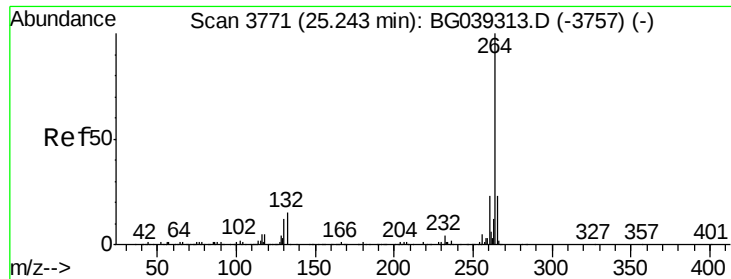
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	26.4	21.0	31.4



#79
 Terphenyl-d14
 Concen: 86.407 ng
 RT: 20.14 min Scan# 2902
 Delta R.T. -0.01 min
 Lab File: BG039408.D
 Acq: 8 Feb 2019 8:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.3	10.9
122	10.6	8.4	12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.22 min Scan# 3767
Delta R.T. -0.02 min
Lab File: BG039408.D
Acq: 8 Feb 2019 8:45

Instrument :
BNA_G
ClientSampleId :
ISF

Tot Ion:	264	Resp:	379533
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	21.5	18.5	27.7

