

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039049.D
 Acq On : 10 Jan 2019 10:51
 Operator : JU/SJ
 Sample : K1006-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-E

Quant Time: Jan 10 13:31:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

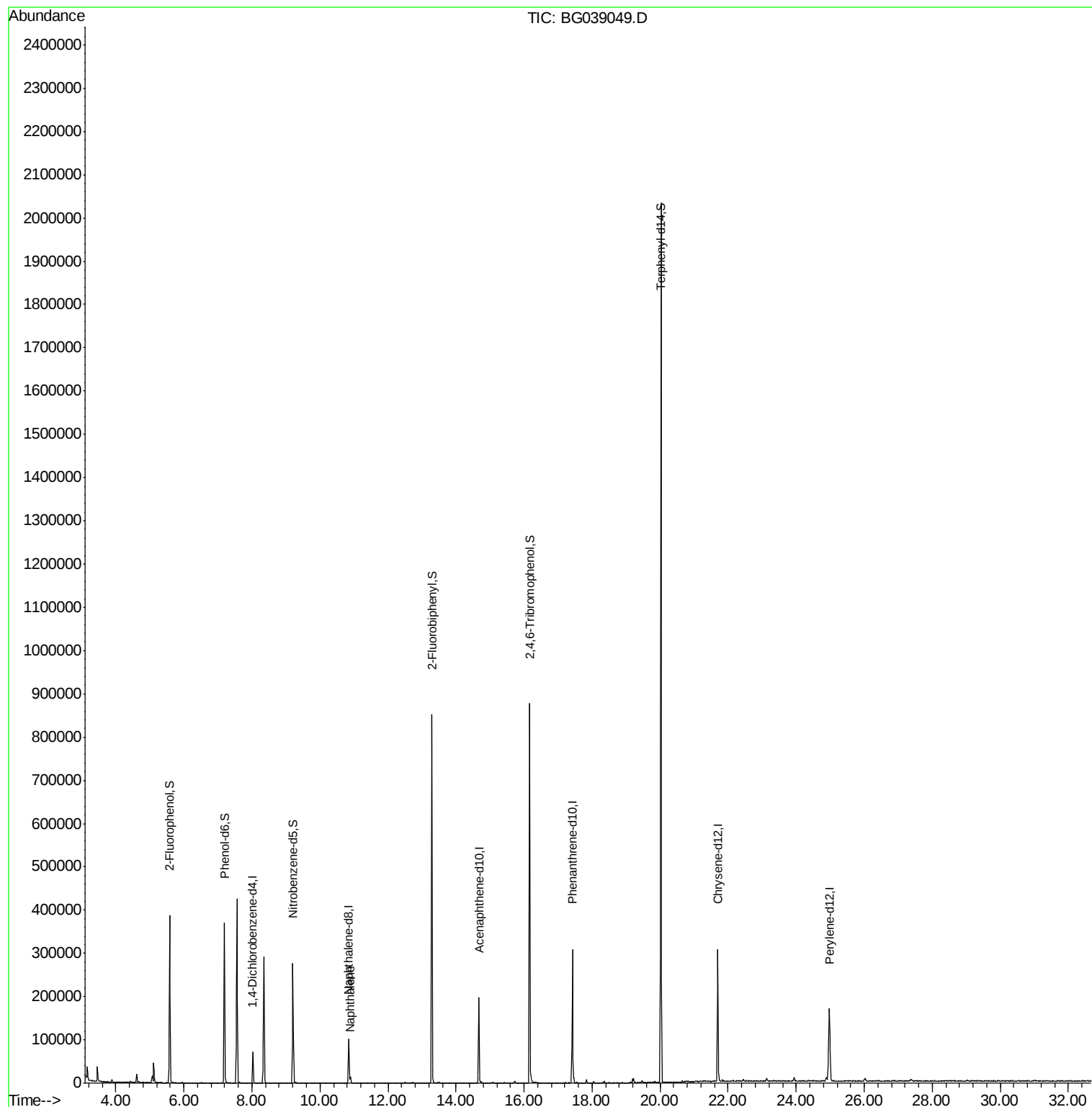
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	22795	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	93624	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	70672	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	198275	20.00	ng	0.00
76) Chrysene-d12	21.70	240	197800	20.00	ng	0.00
87) Perylene-d12	24.98	264	213004	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	175045	145.67	ng	0.00
7) Phenol-d6	7.19	99	221962	128.35	ng	0.00
23) Nitrobenzene-d5	9.21	82	166533	97.33	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	190050	160.43	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	460501	89.18	ng	0.00
79) Terphenyl-d14	20.02	244	1027566	96.10	ng	0.00
Target Compounds						
31) Naphthalene	10.90	128	13021	2.773	ng	Qvalue 96

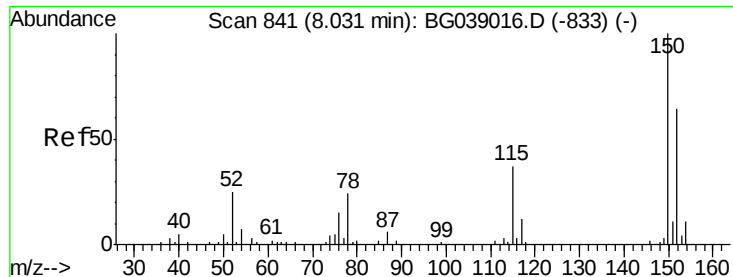
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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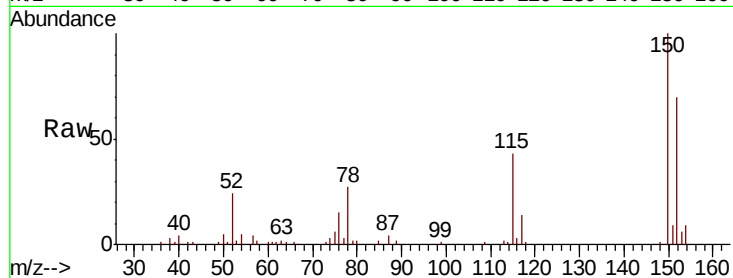


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039049.D
Acq: 10 Jan 2019 10:51

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-E

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.3	124.7	187.1
115	61.9	46.5	69.7

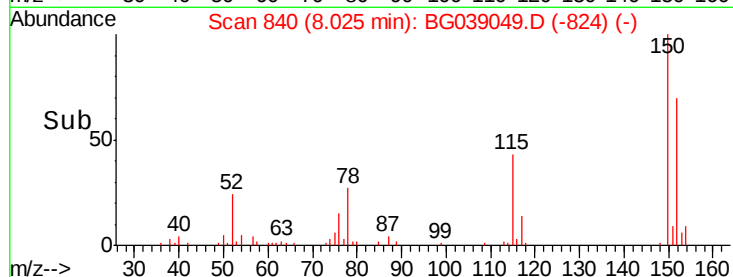
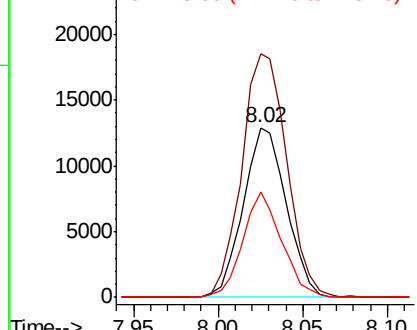


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

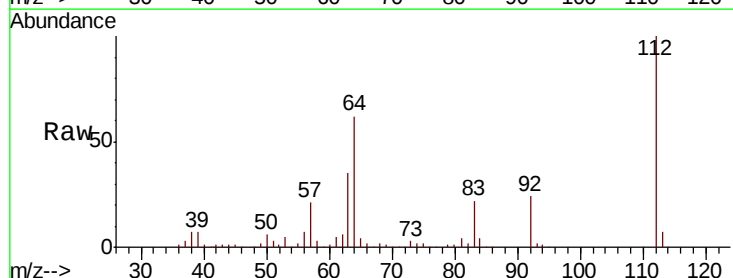
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 145.671 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039049.D
Acq: 10 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	47.0	70.6
63	34.9	28.0	42.0

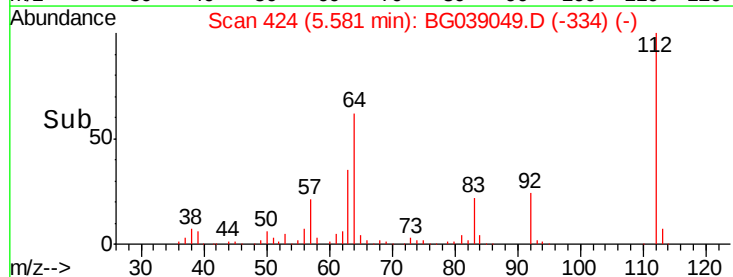
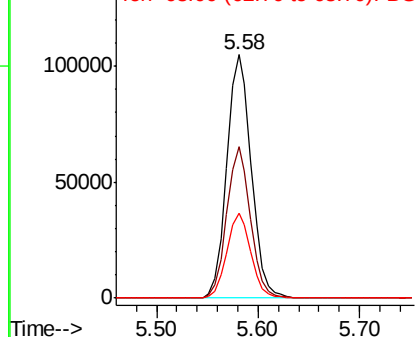


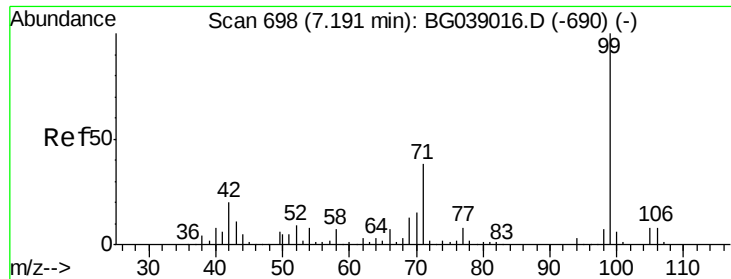
Abundance

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: 128.352 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039049.D

Acq: 10 Jan 2019 10:51

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-E

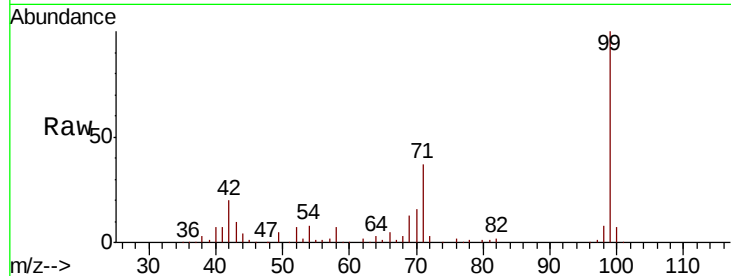
Tot Ion: 99 Resp: 221962

Ion Ratio Lower Upper

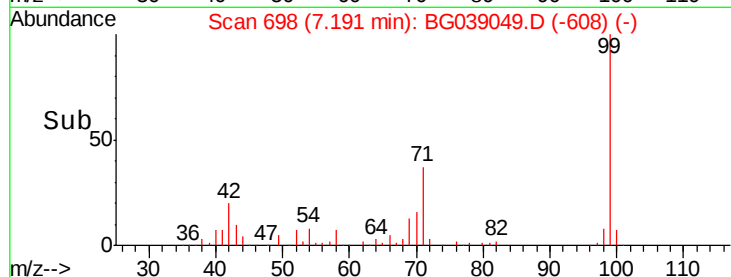
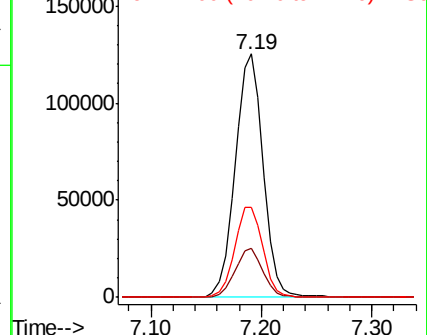
99 100

42 20.1 15.8 23.6

71 37.0 30.2 45.4



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: 10.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039049.D

Acq: 10 Jan 2019 10:51

Tgt Ion: 136 Resp: 93624

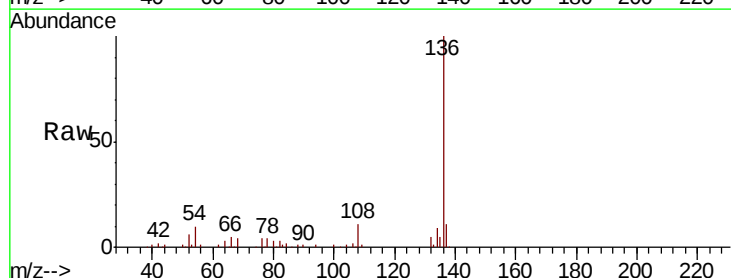
Ion Ratio Lower Upper

136 100

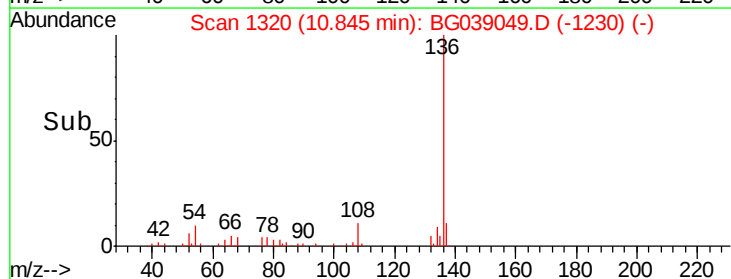
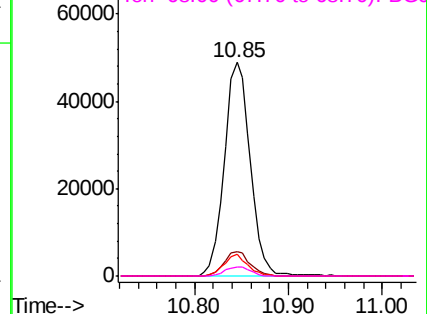
137 11.2 9.4 14.2

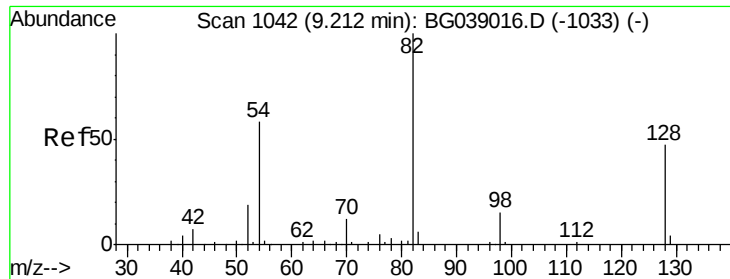
54 10.0 7.2 10.8

68 4.3 3.5 5.3



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

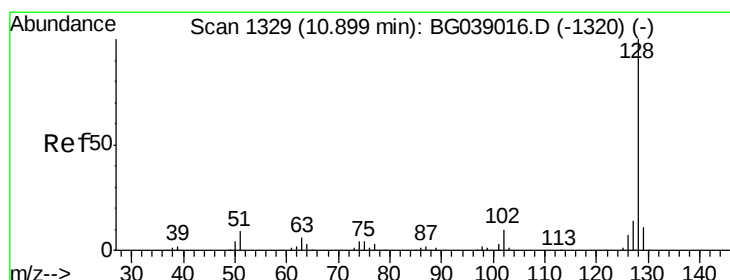
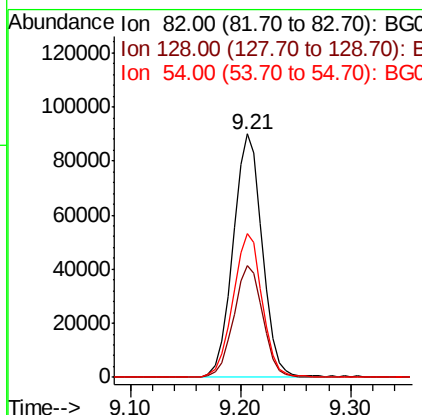
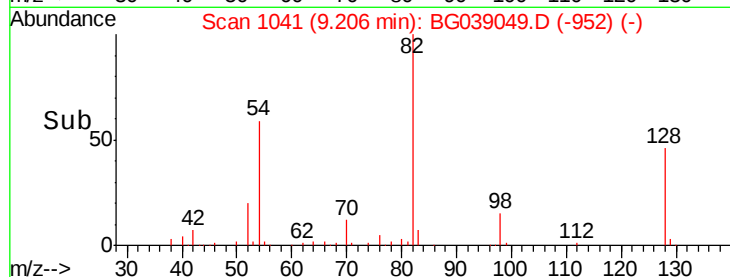
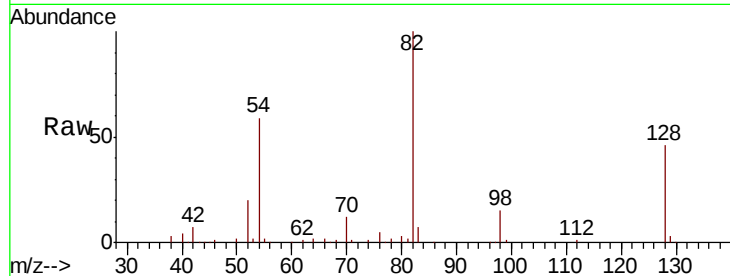




#23
 Nitrobenzene-d5
 Concen: 97.332 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039049.D
 Acq: 10 Jan 2019 10:51

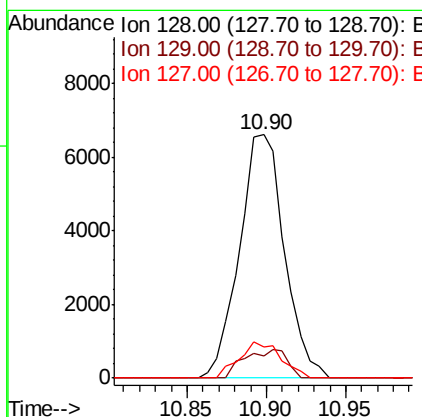
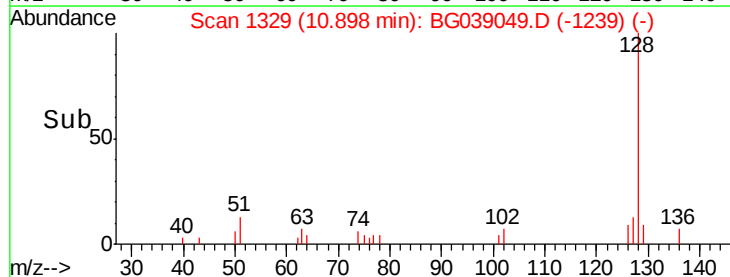
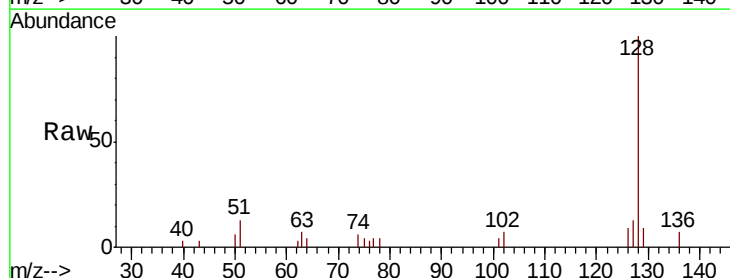
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-E

Tot Ion: 82 Resp: 166533
 Ion Ratio Lower Upper
 82 100
 128 45.7 37.3 55.9
 54 58.9 46.4 69.6



#31
 Naphthalene
 Concen: 2.773 ng
 RT: 10.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BG039049.D
 Acq: 10 Jan 2019 10:51

Tgt Ion: 128 Resp: 13021
 Ion Ratio Lower Upper
 128 100
 129 9.1 9.1 13.7
 127 12.7 11.2 16.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG039049.D

Acq: 10 Jan 2019 10:51

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-E

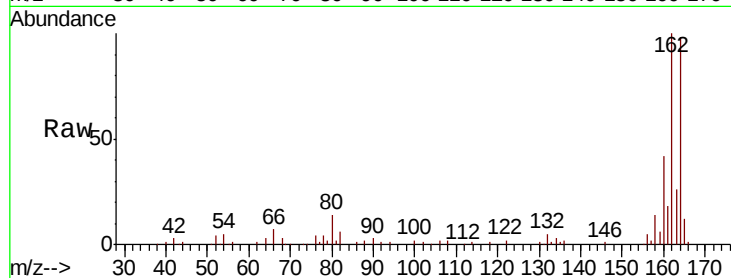
Tot Ion:164 Resp: 70672

Ion Ratio Lower Upper

164 100

162 102.5 87.2 130.8

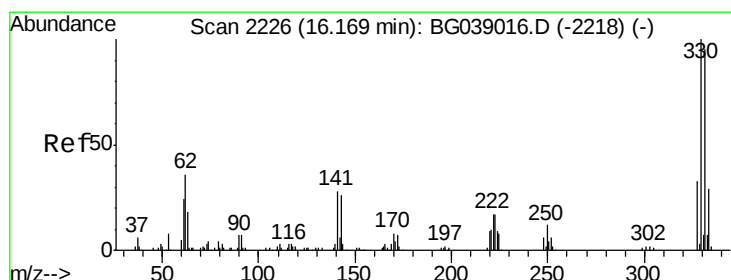
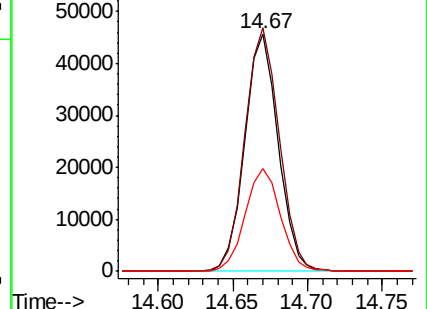
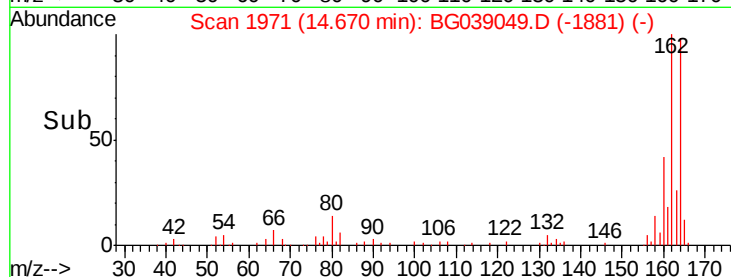
160 43.5 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 160.426 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039049.D

Acq: 10 Jan 2019 10:51

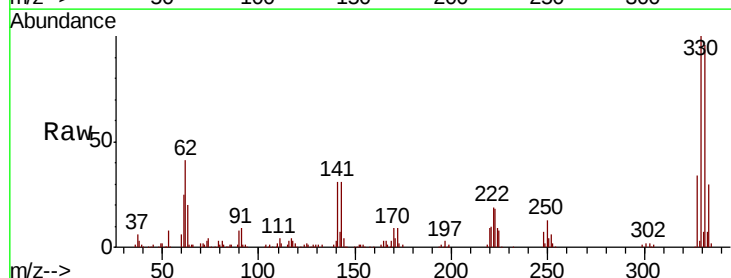
Tgt Ion:330 Resp: 190050

Ion Ratio Lower Upper

330 100

332 95.9 75.7 113.5

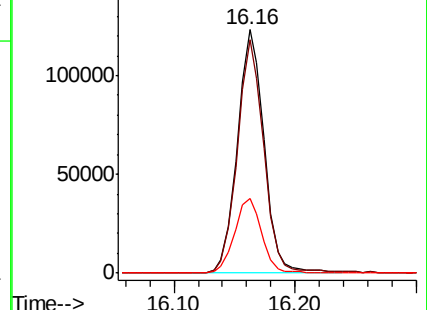
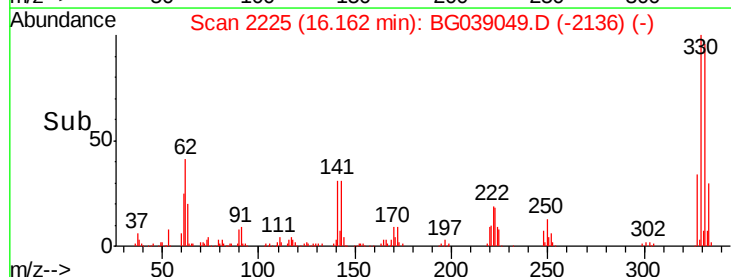
141 31.6 24.9 37.3



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

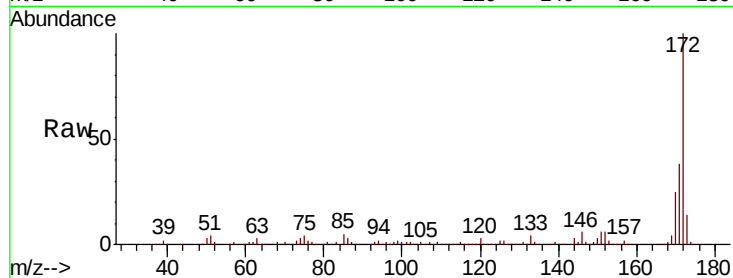




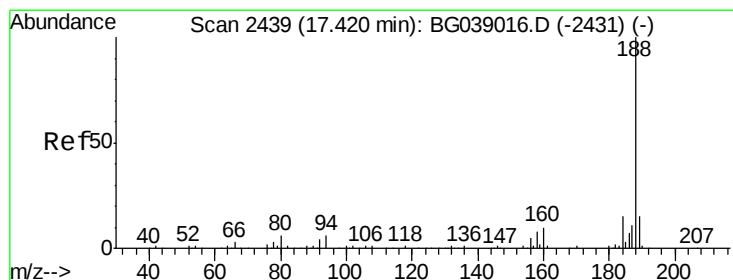
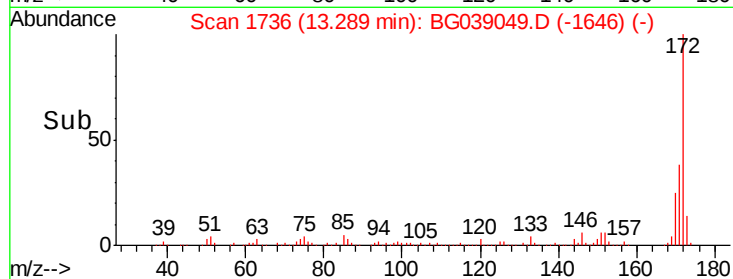
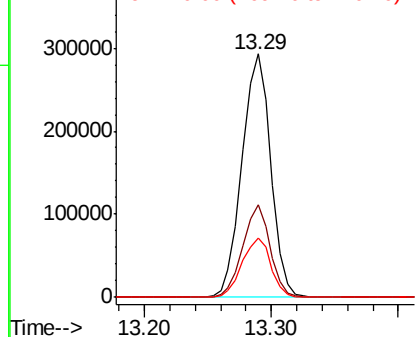
#45
 2-Fluorobiphenyl
 Concen: 89.176 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039049.D
 Acq: 10 Jan 2019 10:51

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-E

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.4	44.0
170	24.6	20.1	30.1

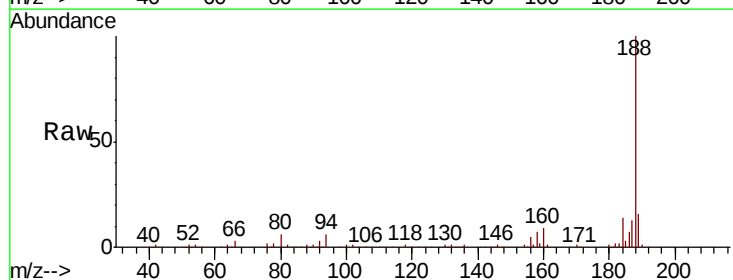


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

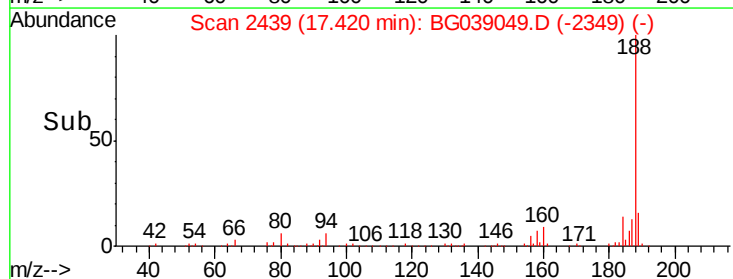
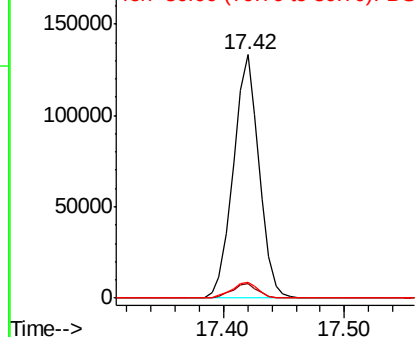


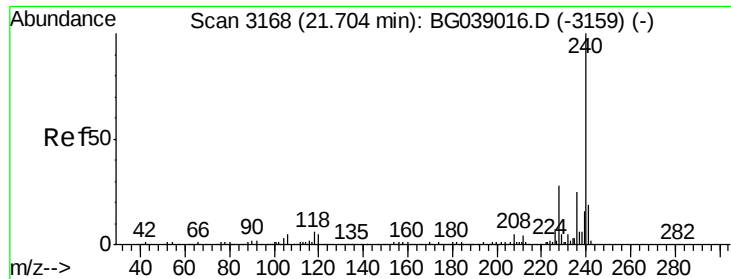
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.00 min
 Lab File: BG039049.D
 Acq: 10 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.0	7.4
80	6.3	4.7	7.1



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG039049.D

Acq: 10 Jan 2019 10:51

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-E

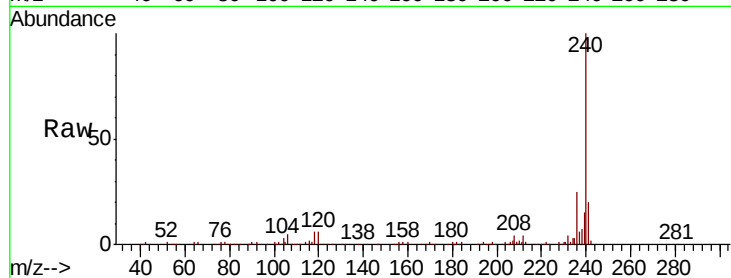
Tot Ion:240 Resp: 197800

Ion Ratio Lower Upper

240 100

120 6.4 4.3 6.5

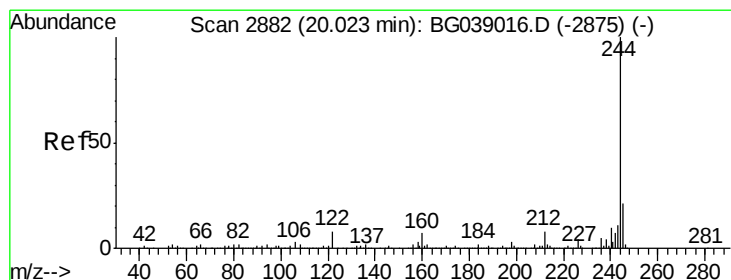
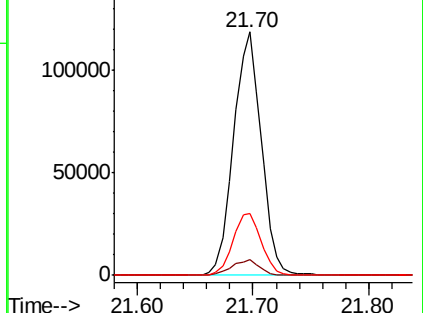
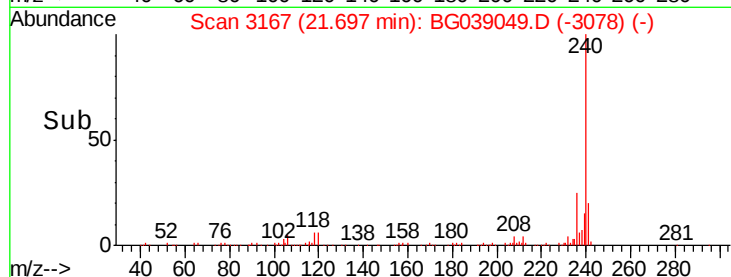
236 25.2 20.1 30.1



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



#79

Terphenyl-d14

Concen: 96.101 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039049.D

Acq: 10 Jan 2019 10:51

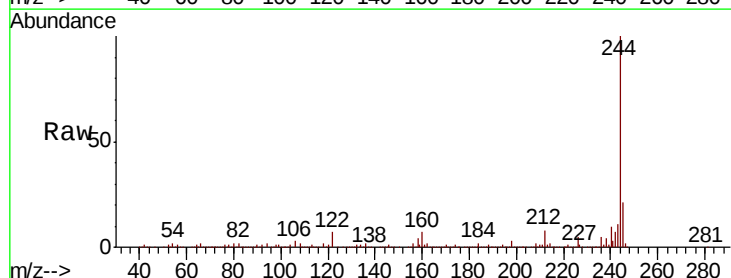
Tgt Ion:244 Resp: 1027566

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

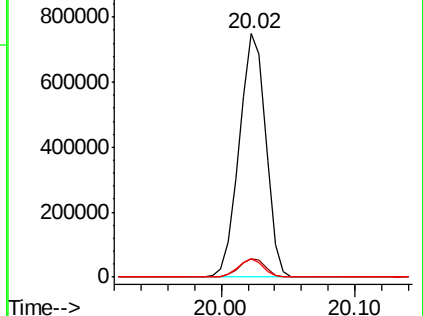
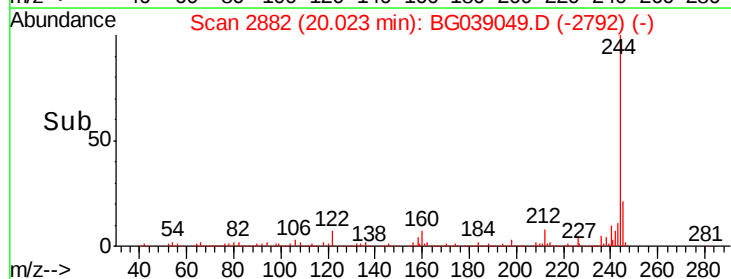
122 7.5 6.1 9.1

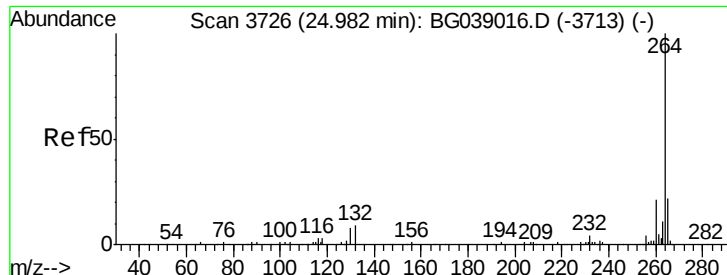


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

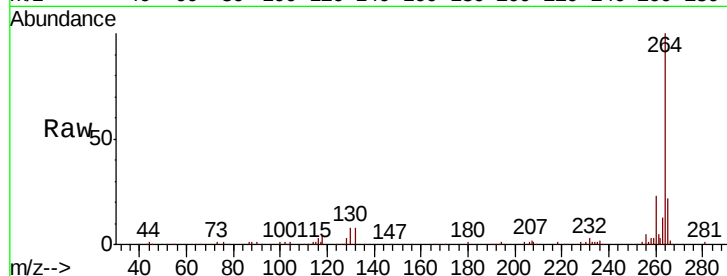




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.98 min Scan# 3725
 Delta R.T. -0.01 min
 Lab File: BG039049.D
 Acq: 10 Jan 2019 10:51

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-E

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.0	25.6
265	21.7	17.2	25.8



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

