

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036799.D
 Acq On : 18 Sep 2018 23:42
 Operator : JU/SJ
 Sample : J4922-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LIP-22

Quant Time: Sep 19 07:18:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

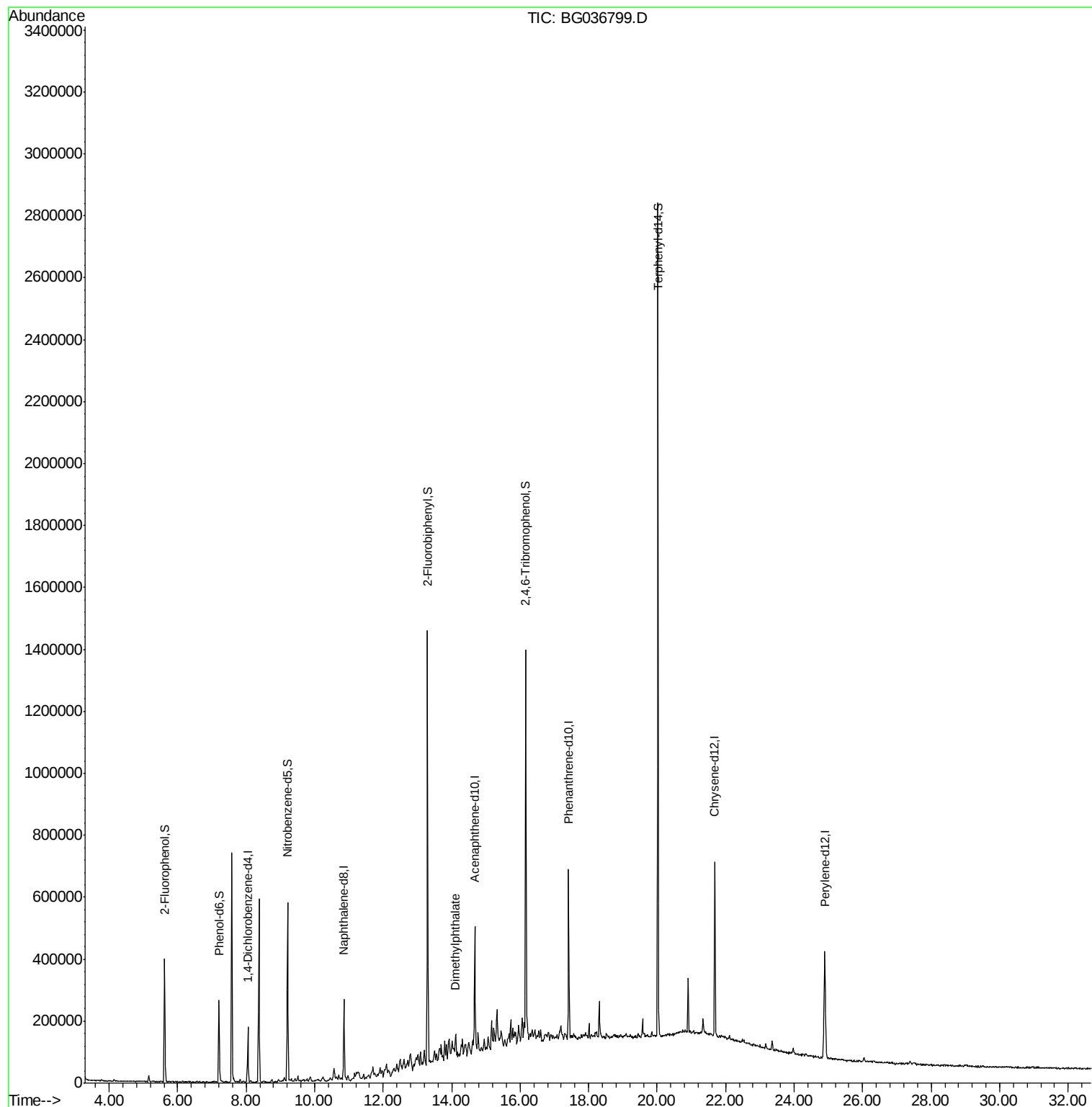
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49442	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	208285	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	136489	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	343939	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	356898	20.00	ng	0.00
86) Perylene-d12	24.89	264	370691	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	165998	53.26	ng	0.00
7) Phenol-d6	7.20	99	151369	33.92	ng	-0.01
23) Nitrobenzene-d5	9.21	82	346650	90.30	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	238451	146.41	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	699334	73.16	ng	-0.01
78) Terphenyl-d14	20.02	244	1258427	82.41	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	30515	2.738	ng	Qvalue # 92

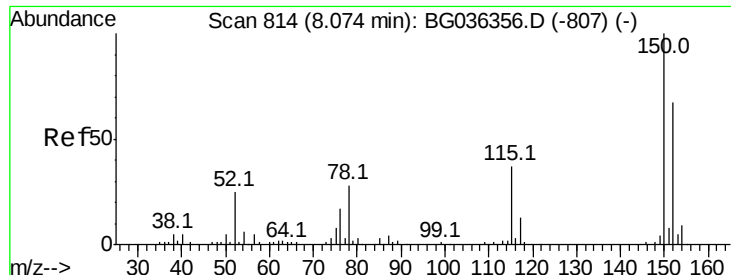
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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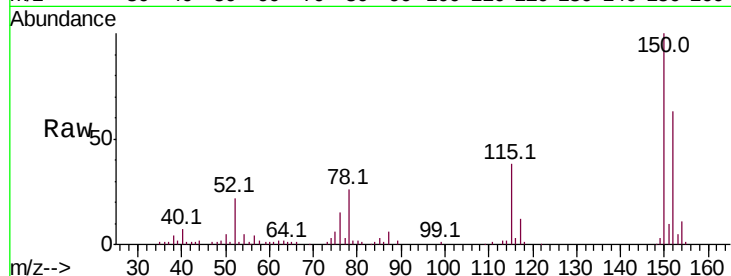


#1

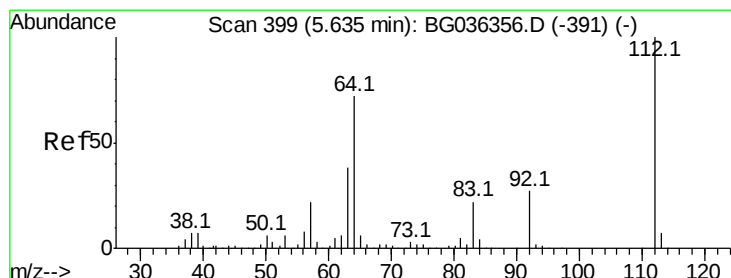
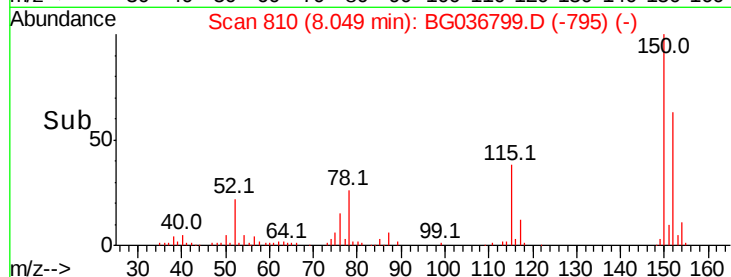
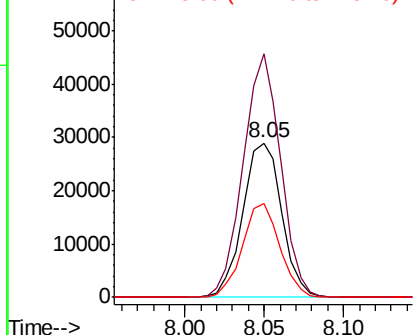
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036799.D
Acq: 18 Sep 2018 23:42

Instrument :
BNA_G
ClientSampleId :
LIP-22

Tot Ion:152 Resp: 49442
Ion Ratio Lower Upper
152 100
150 157.5 119.5 179.3
115 60.3 44.5 66.7



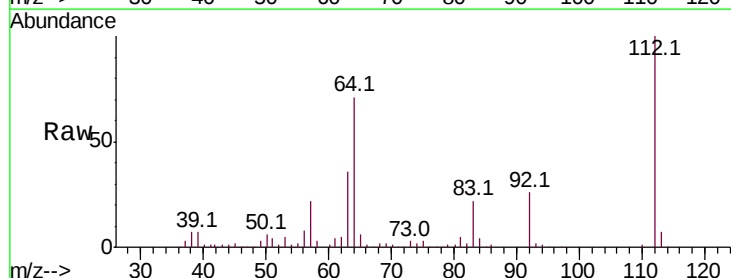
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



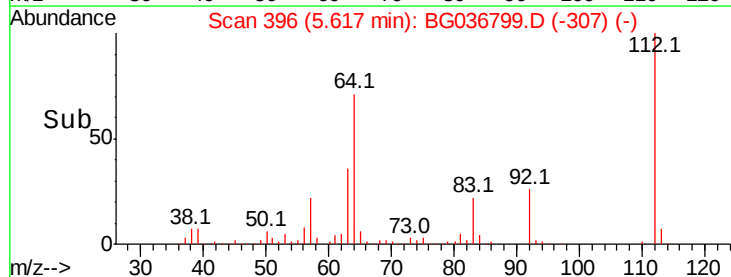
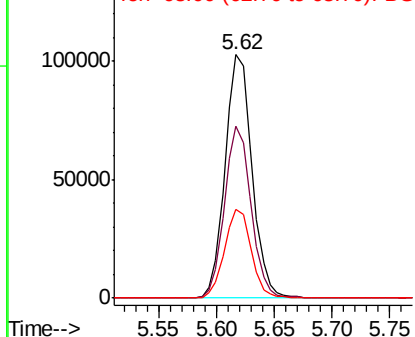
#5

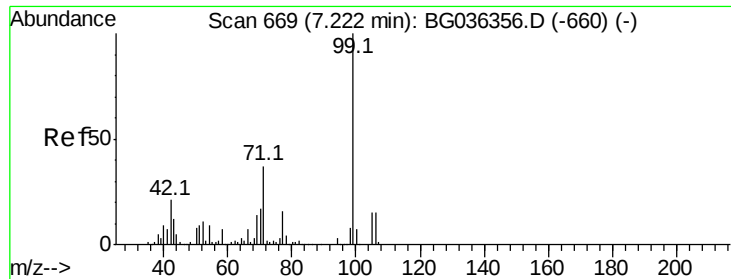
2-Fluorophenol
Concen: 53.259 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036799.D
Acq: 18 Sep 2018 23:42

Tgt Ion:112 Resp: 165998
Ion Ratio Lower Upper
112 100
64 70.7 57.2 85.8
63 36.5 30.8 46.2



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: 33.920 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036799.D

Acq: 18 Sep 2018 23:42

Instrument :

BNA_G

ClientSampleId :

LIP-22

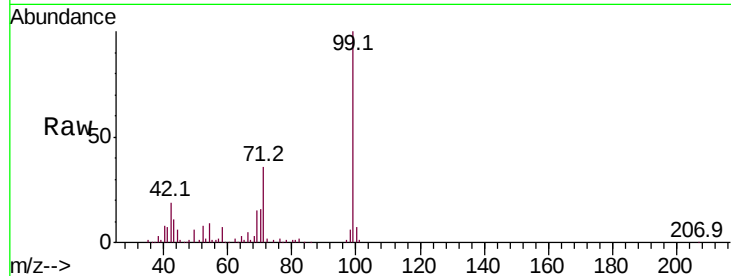
Tot Ion: 99 Resp: 151369

Ion Ratio Lower Upper

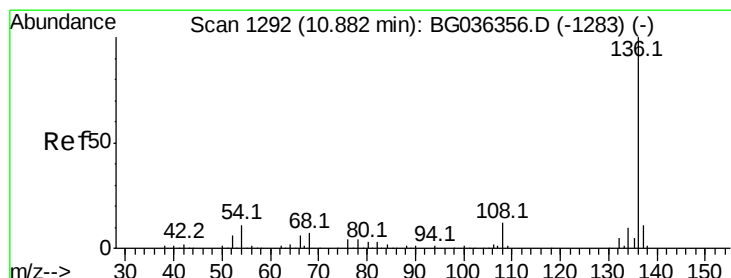
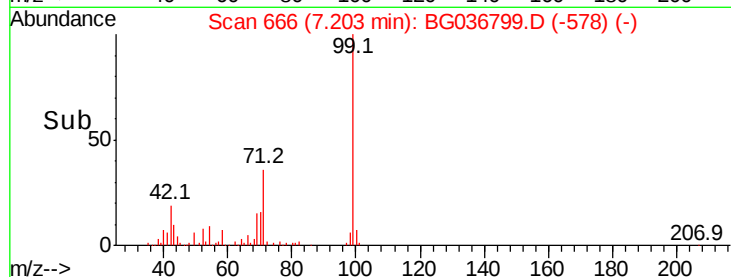
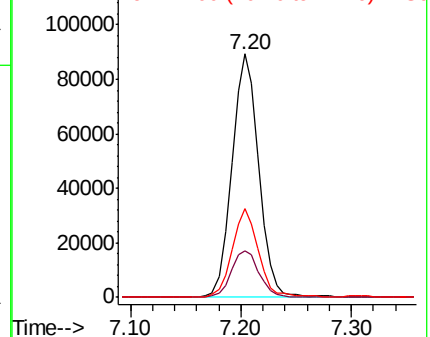
99 100

42 19.1 16.5 24.7

71 36.3 29.4 44.2



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# 1287

Delta R.T. -0.01 min

Lab File: BG036799.D

Acq: 18 Sep 2018 23:42

Tgt Ion: 136 Resp: 208285

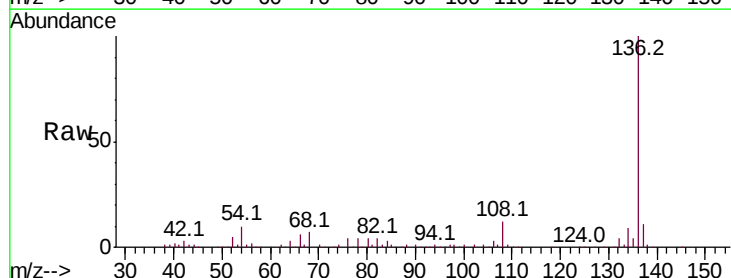
Ion Ratio Lower Upper

136 100

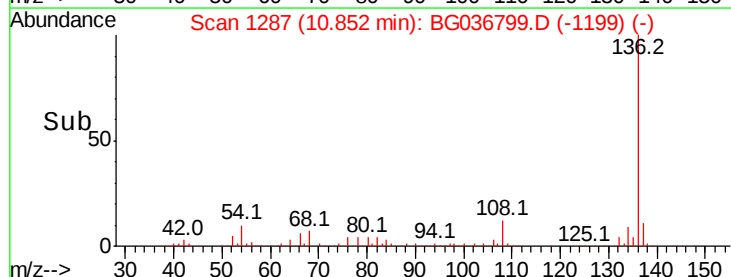
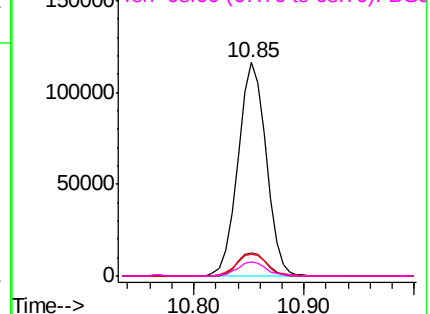
137 10.8 8.8 13.2

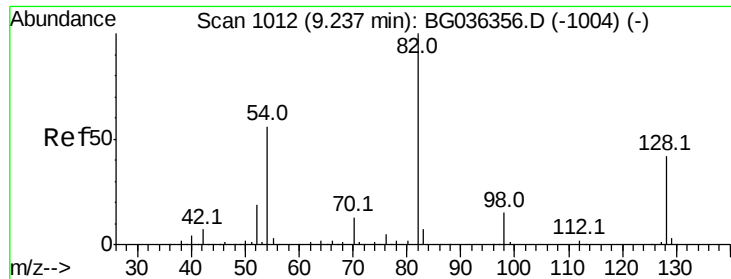
54 10.5 9.2 13.8

68 6.8 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

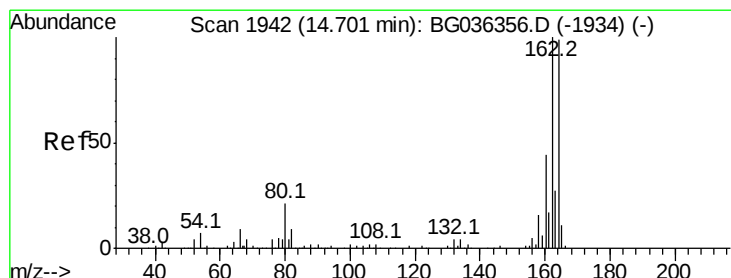
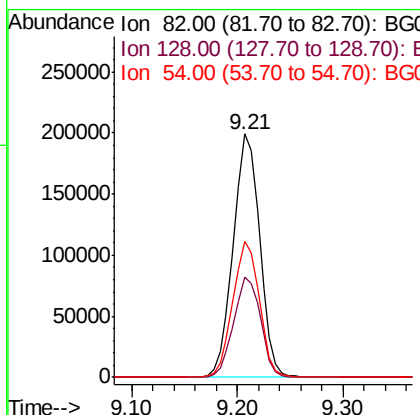
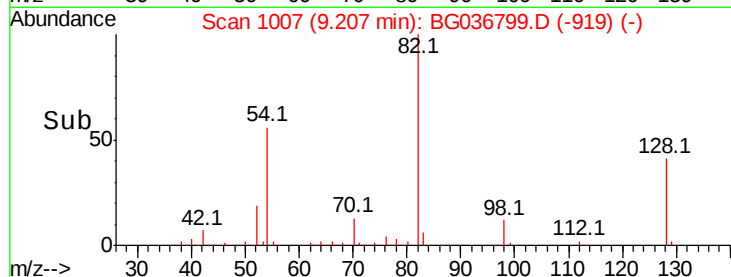
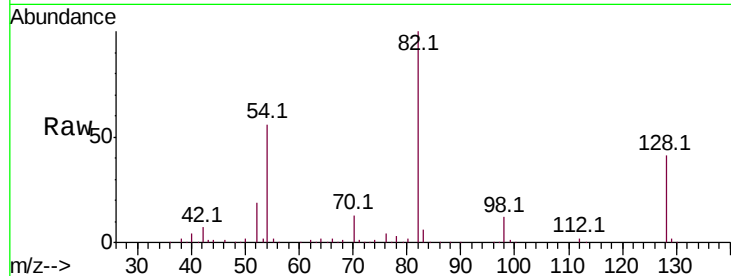




#23
Nitrobenzene-d5
Concen: 90.300 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036799.D
Acq: 18 Sep 2018 23:42

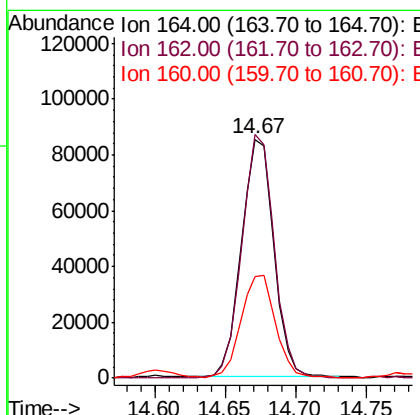
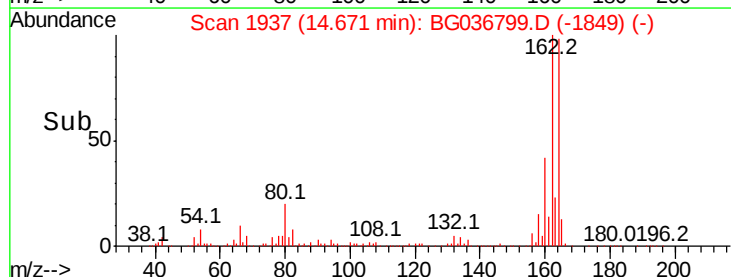
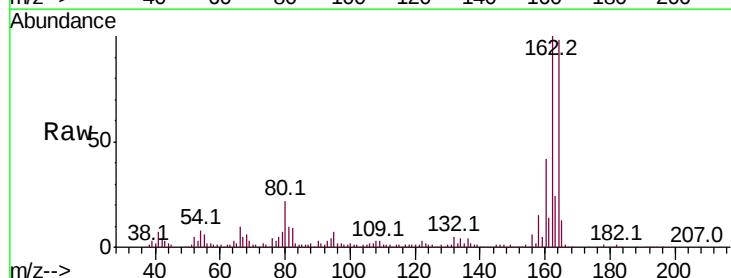
Instrument :
BNA_G
ClientSampleId :
LIP-22

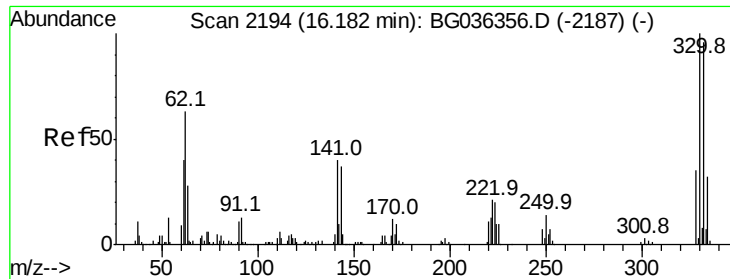
Tot Ion: 82 Resp: 346650
Ion Ratio Lower Upper
82 100
128 41.0 33.3 49.9
54 56.0 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036799.D
Acq: 18 Sep 2018 23:42

Tgt Ion:164 Resp: 136489
Ion Ratio Lower Upper
164 100
162 102.1 80.7 121.1
160 42.6 35.3 52.9

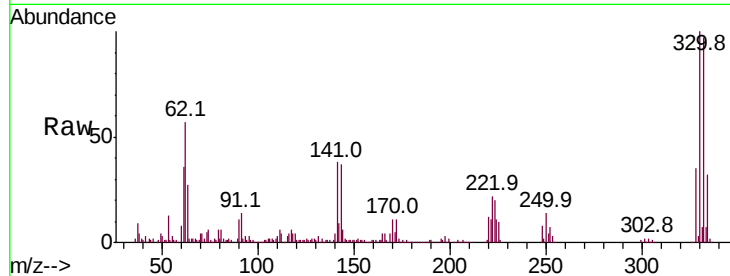




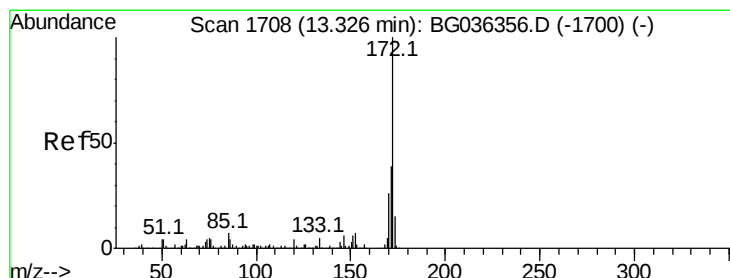
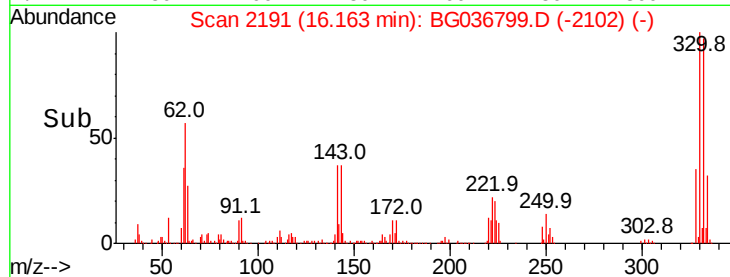
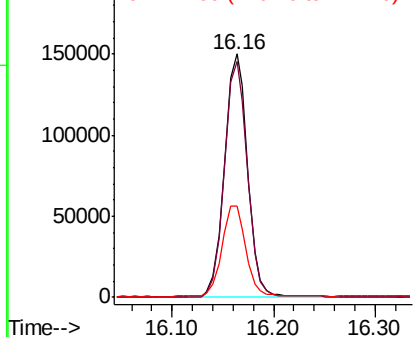
#41
 2,4,6-Tribromophenol
 Concen: 146.413 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036799.D
 Acq: 18 Sep 2018 23:42

Instrument :
 BNA_G
 ClientSampleId :
 LIP-22

Tot Ion:330 Resp: 238451
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.4 113.2
 141 38.9 30.7 46.1

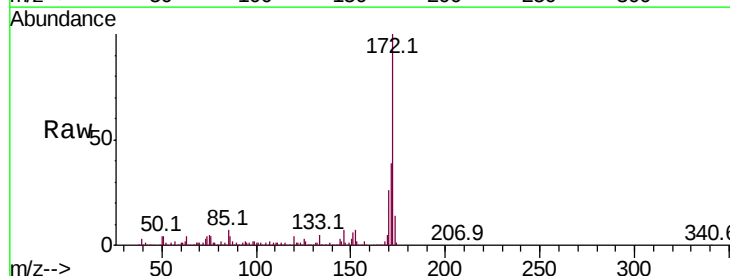


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

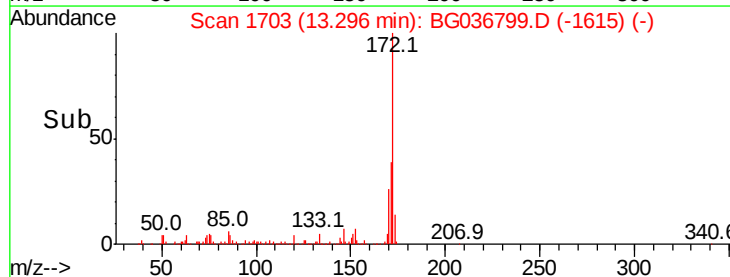
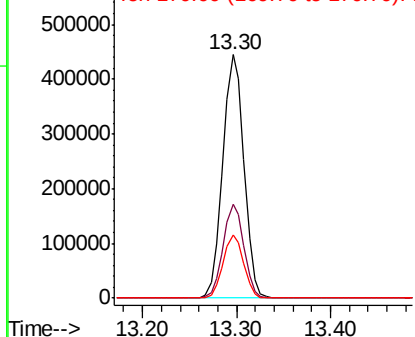


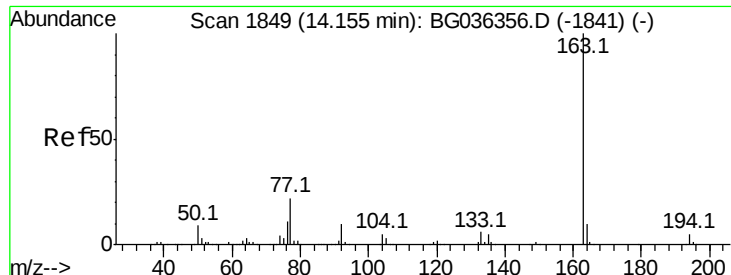
#44
 2-Fluorobiphenyl
 Concen: 73.158 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036799.D
 Acq: 18 Sep 2018 23:42

Tgt Ion:172 Resp: 699334
 Ion Ratio Lower Upper
 172 100
 171 38.8 31.3 46.9
 170 25.8 21.0 31.6



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: 2.738 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BG036799.D

Acq: 18 Sep 2018 23:42

Instrument :

BNA_G

ClientSampled :

LIP-22

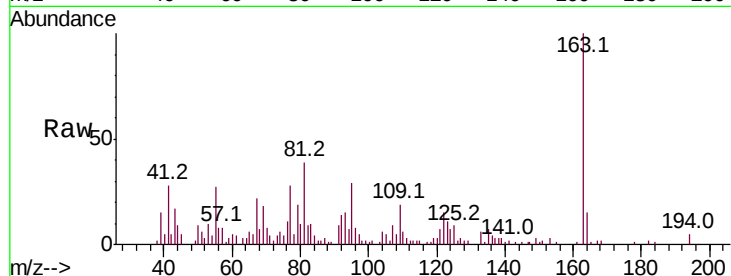
Tot Ion:163 Resp: 30515

Ion Ratio Lower Upper

163 100

194 4.8 4.0 6.0

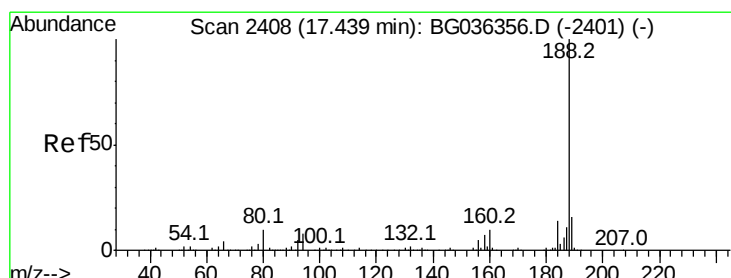
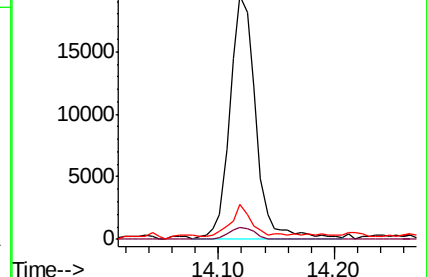
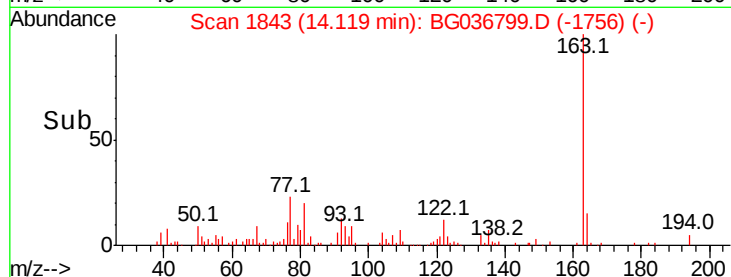
164 14.5 8.1 12.1#



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: 17.41 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG036799.D

Acq: 18 Sep 2018 23:42

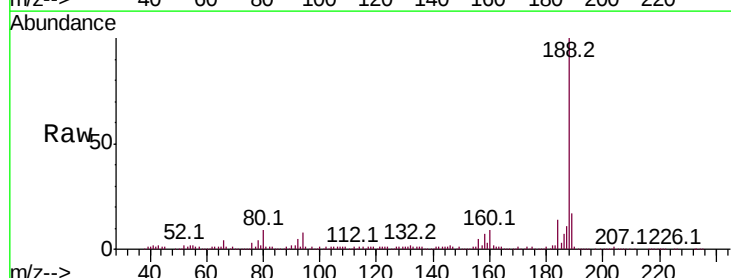
Tgt Ion:188 Resp: 343939

Ion Ratio Lower Upper

188 100

94 7.7 6.7 10.1

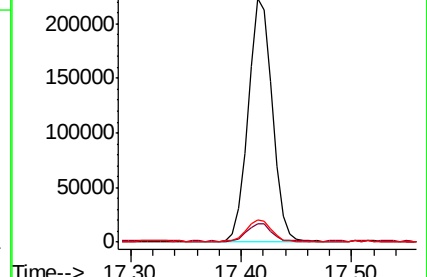
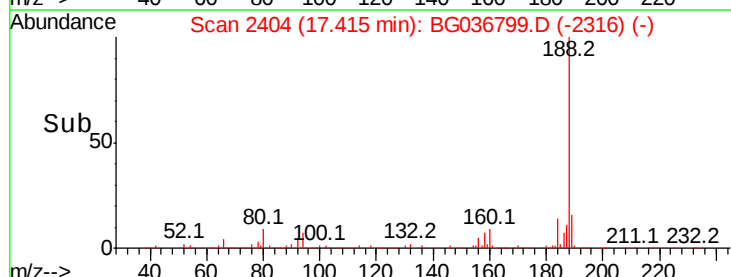
80 9.2 8.1 12.1

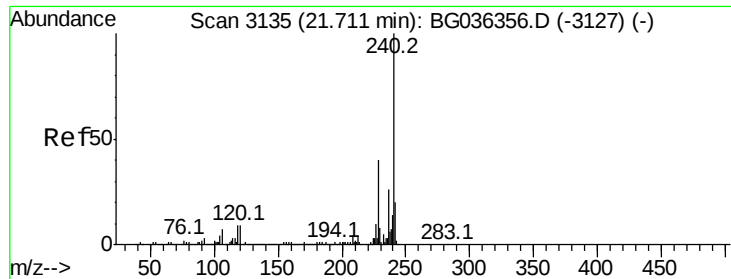


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

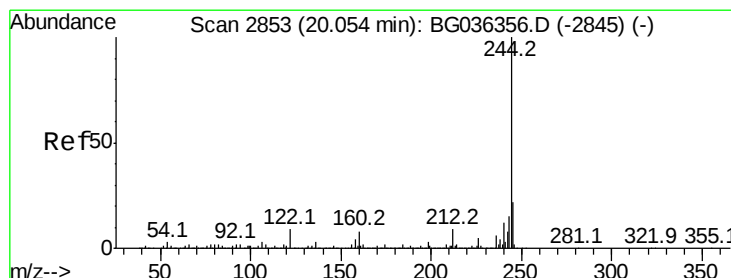
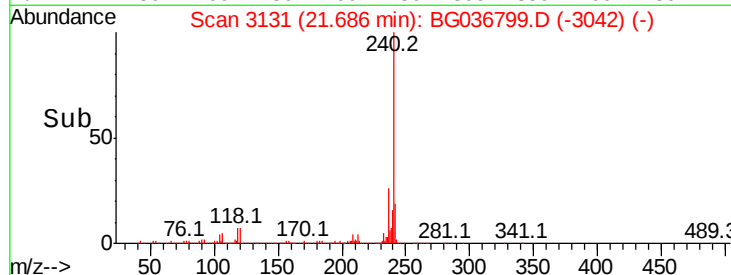
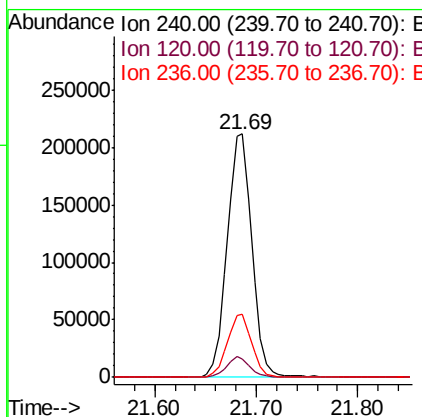
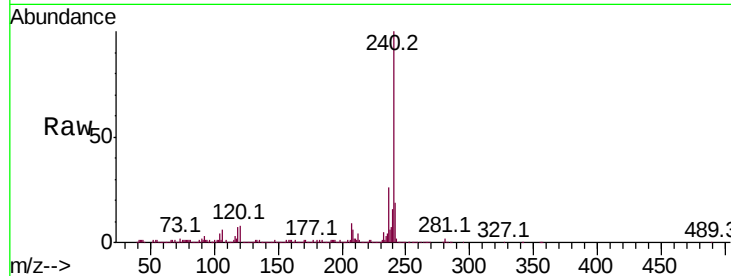




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036799.D
 Acq: 18 Sep 2018 23:42

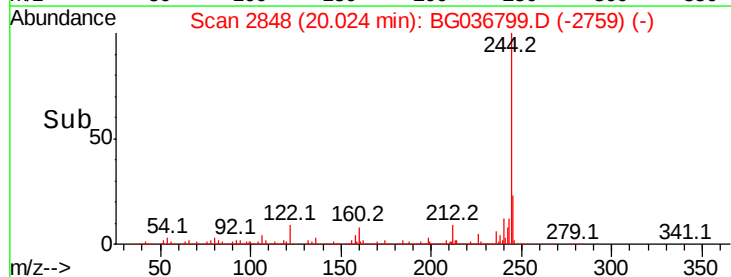
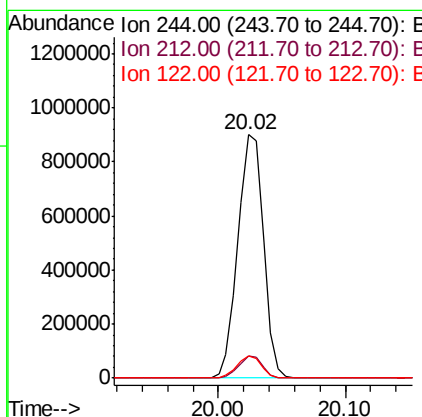
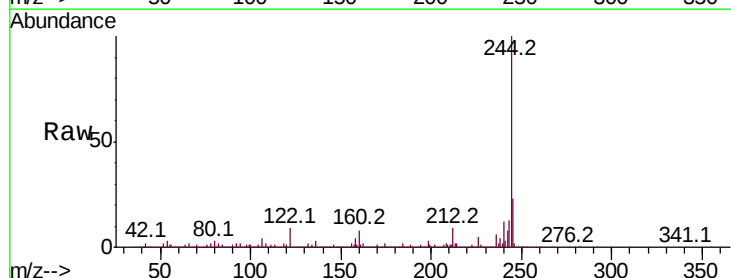
Instrument :
 BNA_G
 ClientSampled :
 LIP-22

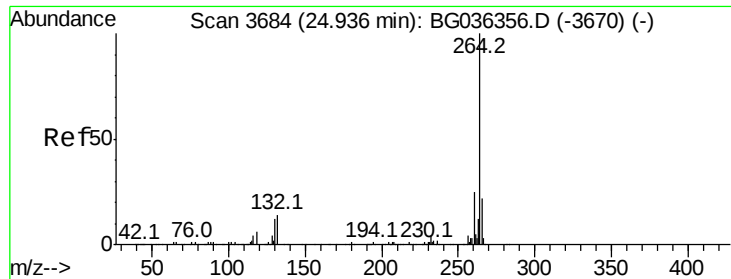
Tot Ion:240 Resp: 356898
 Ion Ratio Lower Upper
 240 100
 120 7.6 6.9 10.3
 236 25.7 21.2 31.8



#78
 Terphenyl-d14
 Concen: 82.415 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036799.D
 Acq: 18 Sep 2018 23:42

Tgt Ion:244 Resp: 1258427
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.0 10.6
 122 9.2 7.1 10.7

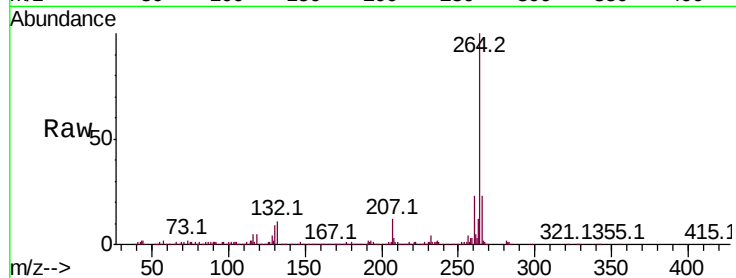




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036799.D
Acq: 18 Sep 2018 23:42

Instrument :
BNA_G
ClientSampleId :
LIP-22

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.6	29.4
265	22.9	17.4	26.0



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

