

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036959.D
 Acq On : 25 Sep 2018 21:33
 Operator : JU/SJ
 Sample : J4775-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-092418-A

Quant Time: Sep 26 02:13:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42824	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	168960	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	107374	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	288648	20.00	ng	0.00
75) Chrysene-d12	21.68	240	301986	20.00	ng	-0.01
86) Perylene-d12	24.89	264	302622	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	266816	119.49	ng	0.00
7) Phenol-d6	7.20	99	339502	98.27	ng	-0.01
23) Nitrobenzene-d5	9.20	82	263510	83.52	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	168163	130.90	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	575863	79.88	ng	0.00
78) Terphenyl-d14	20.02	244	1063362	92.59	ng	0.00

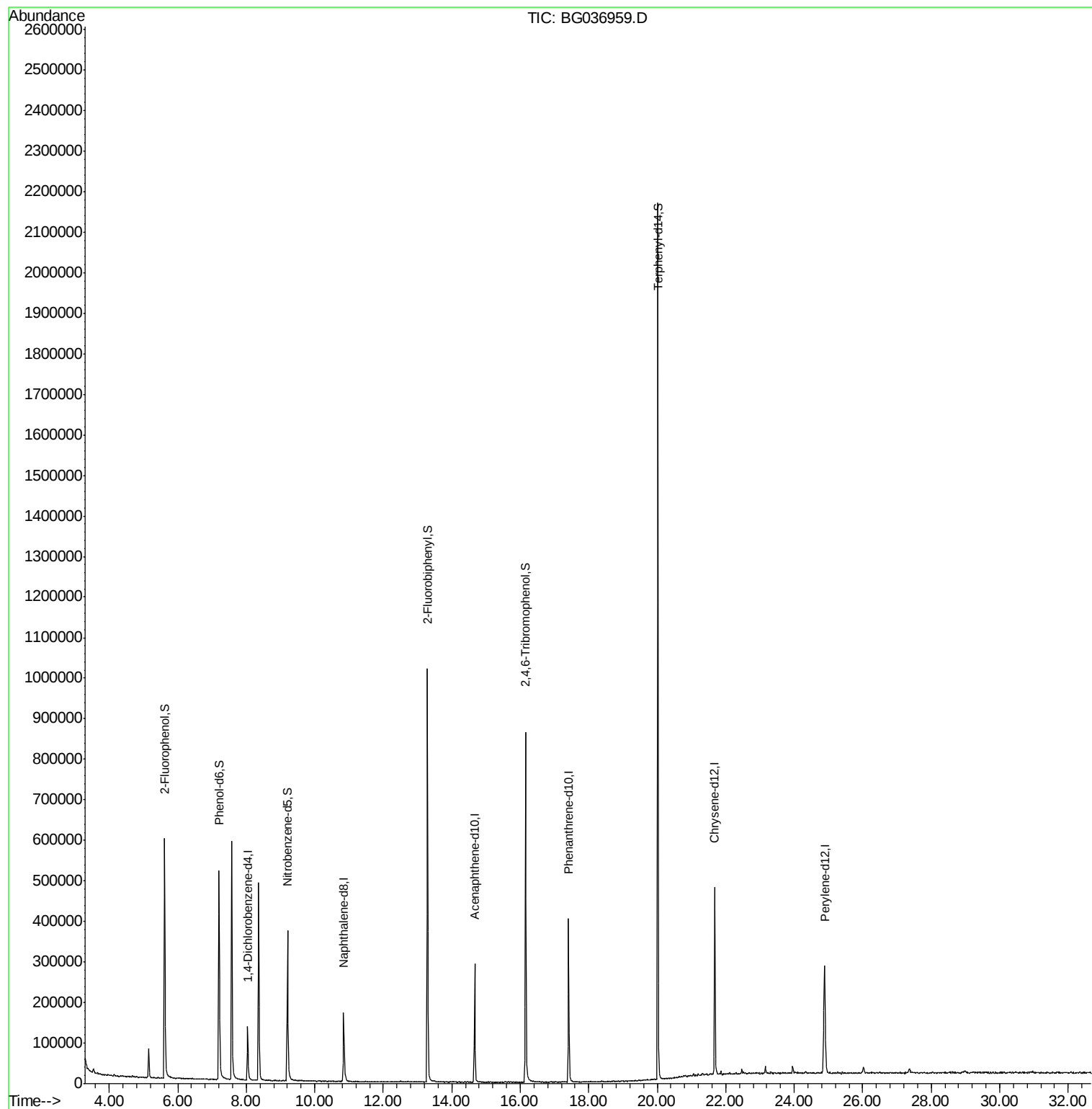
Target Compounds Qvalue

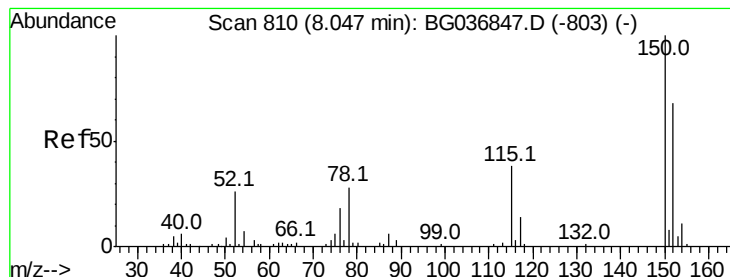
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.01 min

Lab File: BG036959.D

Acq: 25 Sep 2018 21:33

Instrument :

BNA_G

ClientSampleId :

OR-01-092418-A

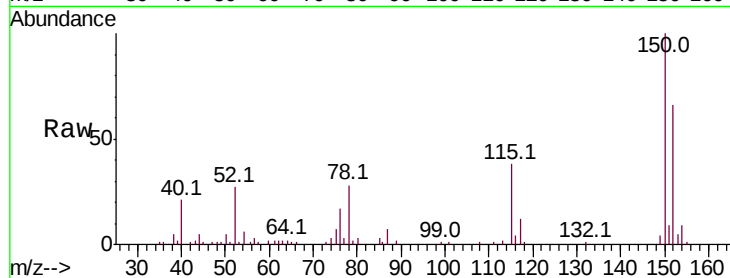
Tot Ion:152 Resp: 42824

Ion Ratio Lower Upper

152 100

150 151.1 119.5 179.3

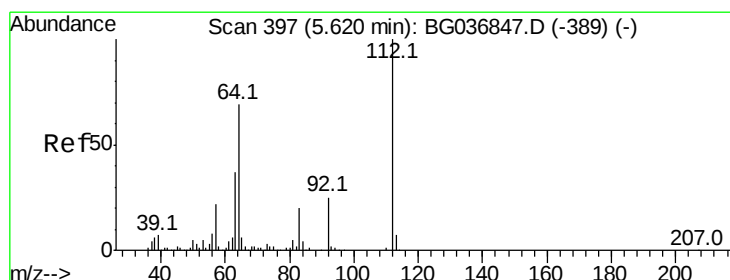
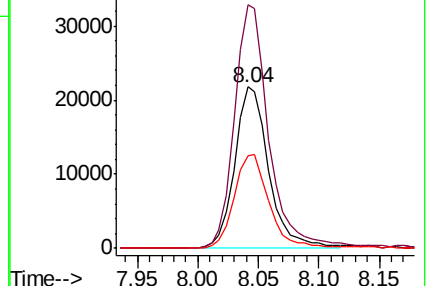
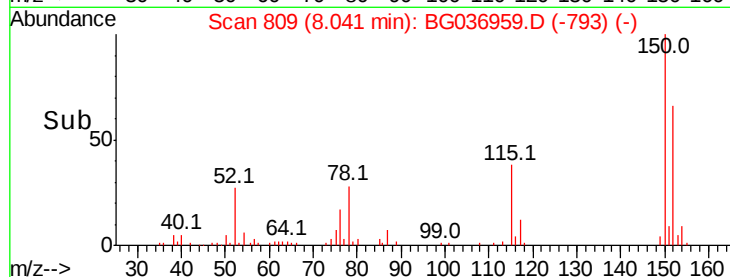
115 57.2 44.5 66.7



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: 119.488 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG036959.D

Acq: 25 Sep 2018 21:33

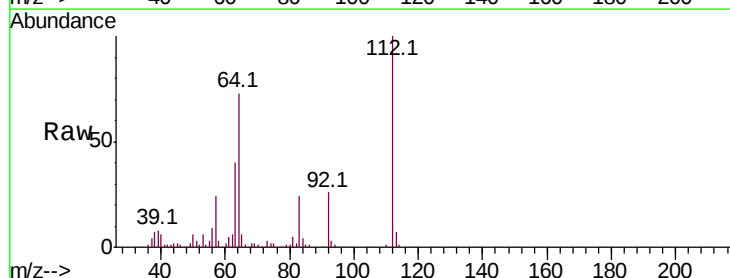
Tgt Ion:112 Resp: 266816

Ion Ratio Lower Upper

112 100

64 73.1 57.2 85.8

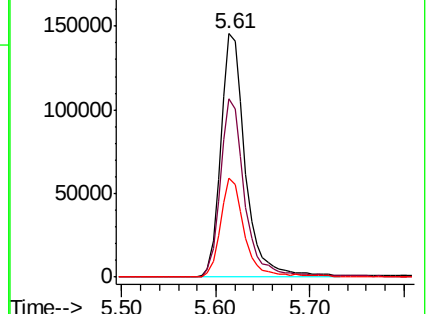
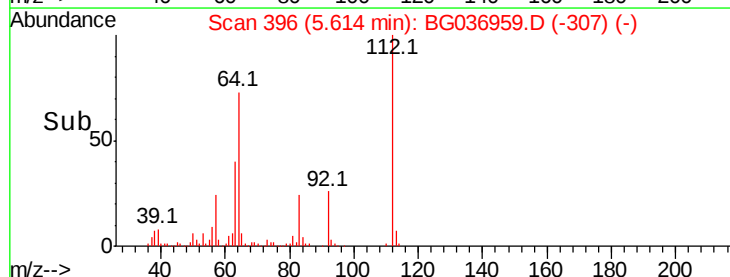
63 40.4 30.8 46.2

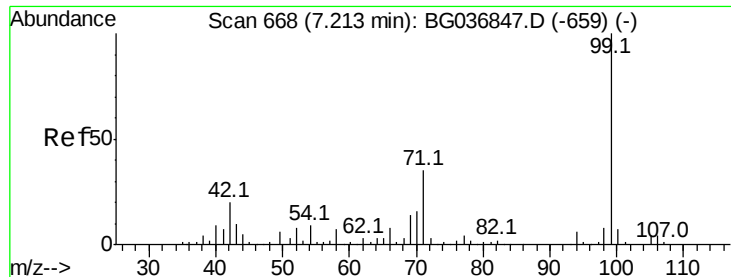


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 98.269 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036959.D

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ClientSampleId :

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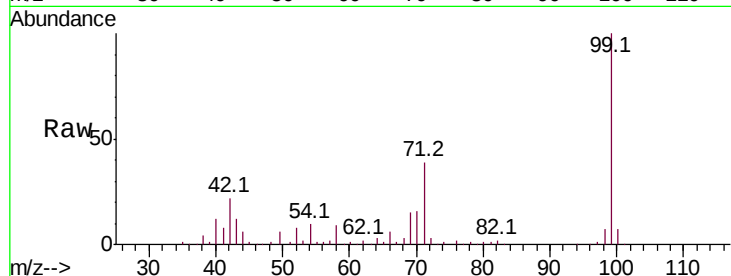
Tot Ion: 99 Resp: 339502

Ion Ratio Lower Upper

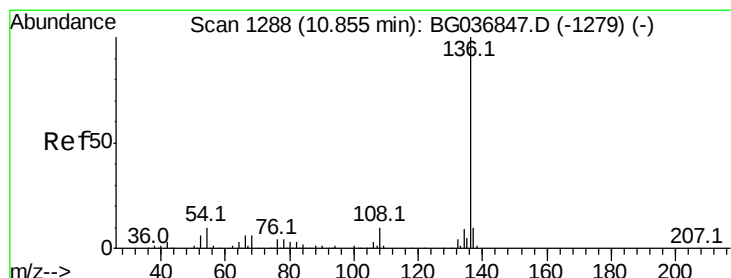
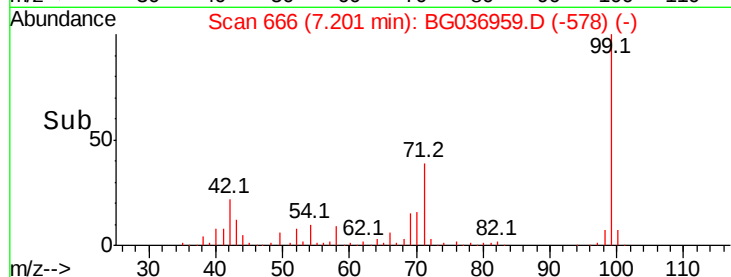
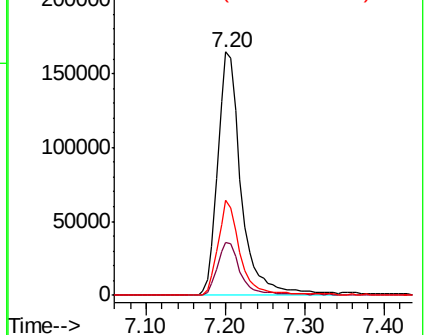
99 100

42 21.9 16.5 24.7

71 39.0 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: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG036959.D

Acq: 25 Sep 2018 21:33

Tgt Ion: 136 Resp: 168960

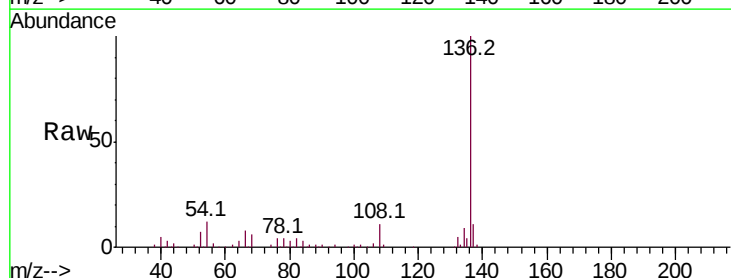
Ion Ratio Lower Upper

136 100

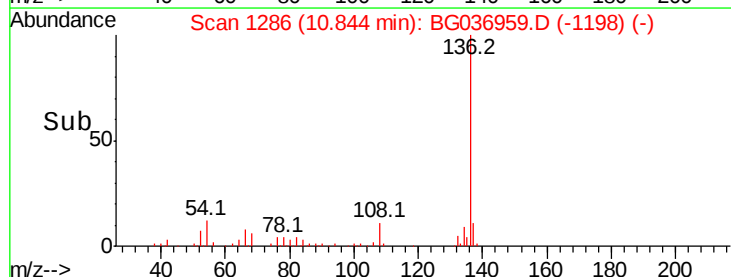
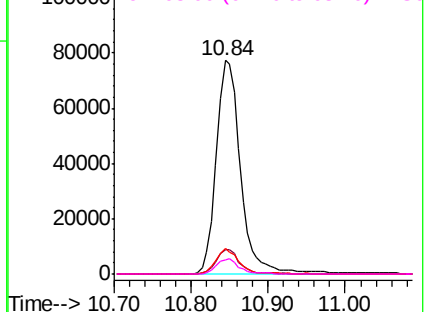
137 11.3 8.8 13.2

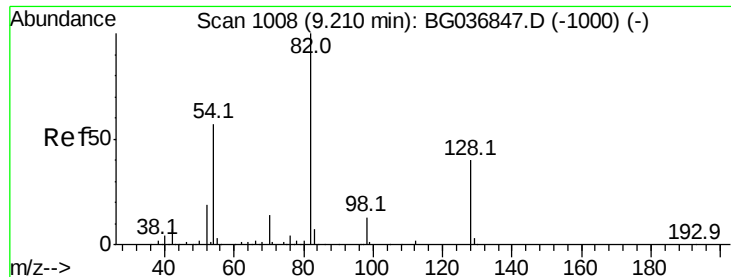
54 12.2 9.2 13.8

68 6.4 5.8 8.6



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

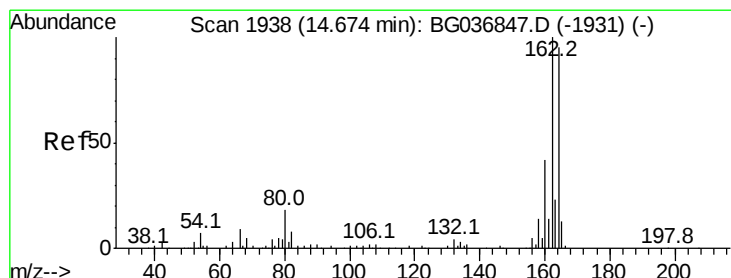
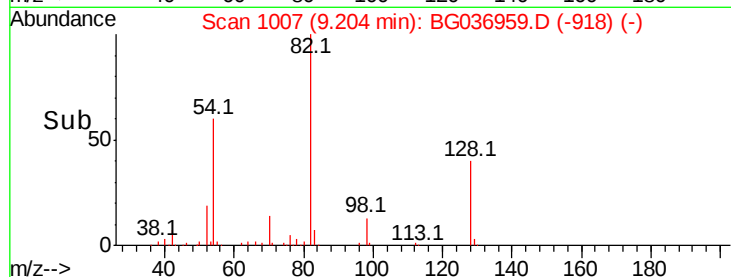
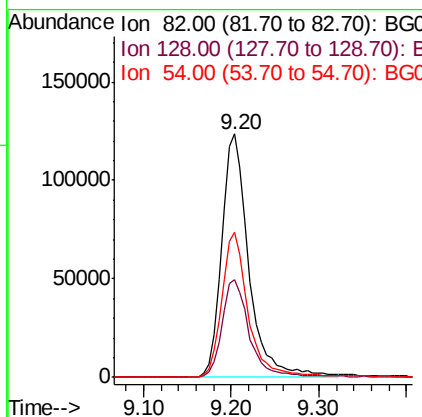
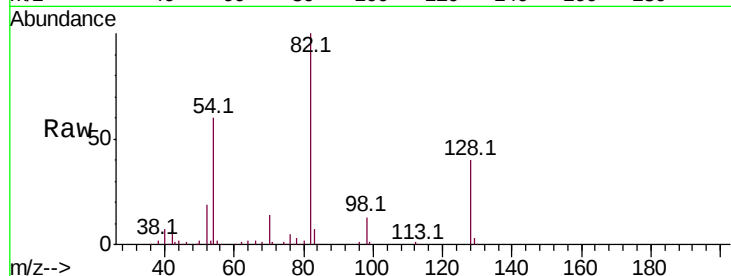




#23
Nitrobenzene-d5
Concen: 83.518 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036959.D
Acq: 25 Sep 2018 21:33

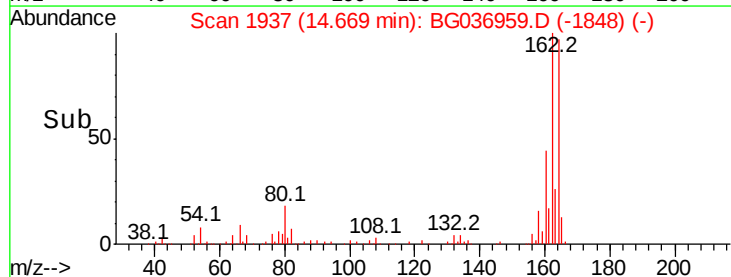
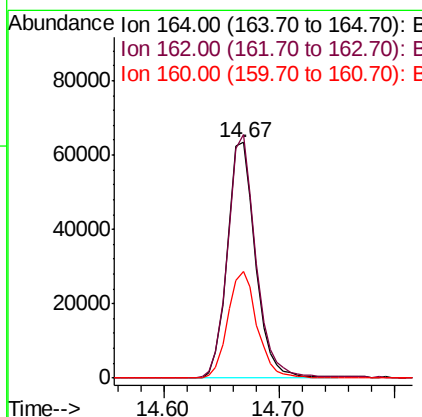
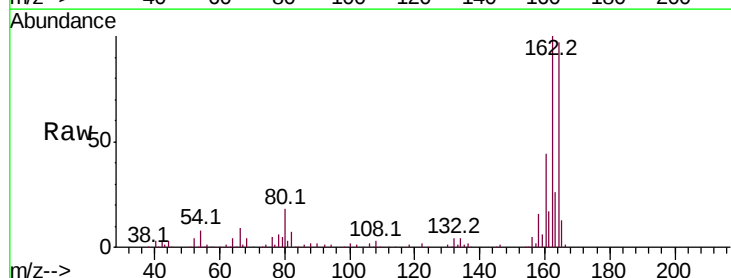
Instrument :
BNA_G
ClientSampleId :
OR-01-092418-A

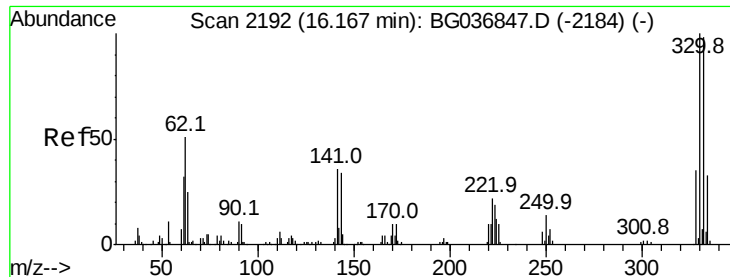
Tot Ion	82	Resp	263510
Ion Ratio	Lower	Upper	
82	100		
128	40.1	33.3	49.9
54	59.8	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036959.D
Acq: 25 Sep 2018 21:33

Tgt Ion	164	Resp	107374
Ion Ratio	Lower	Upper	
164	100		
162	103.4	80.7	121.1
160	45.1	35.3	52.9

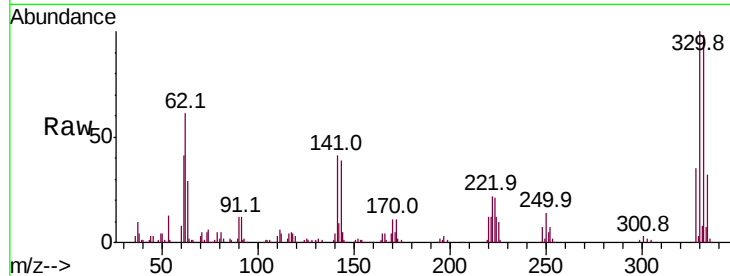




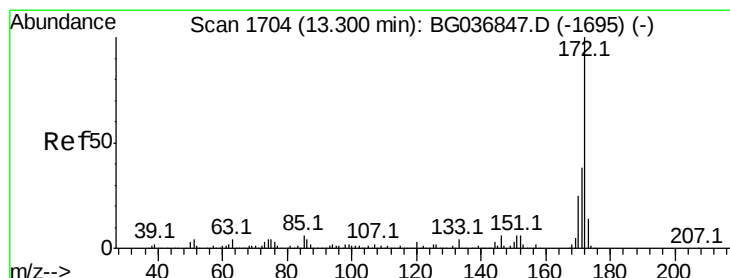
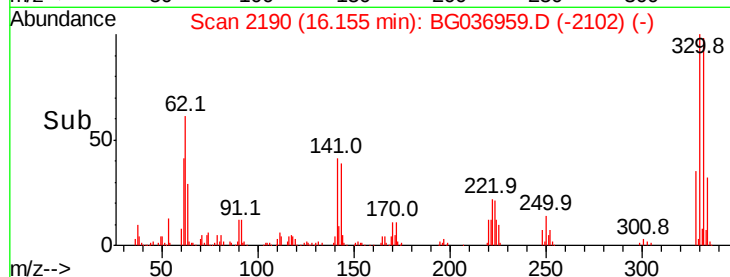
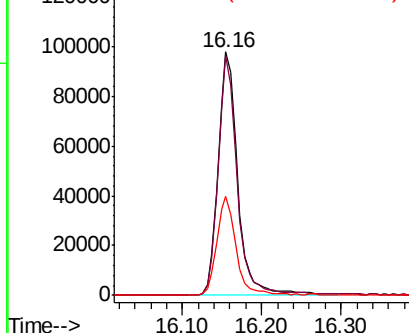
#41
 2,4,6-Tribromophenol
 Concen: 130.900 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036959.D
 Acq: 25 Sep 2018 21:33

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-092418-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.4	113.2
141	39.6	30.7	46.1

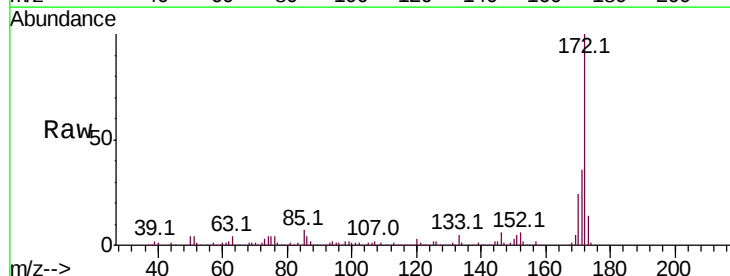


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

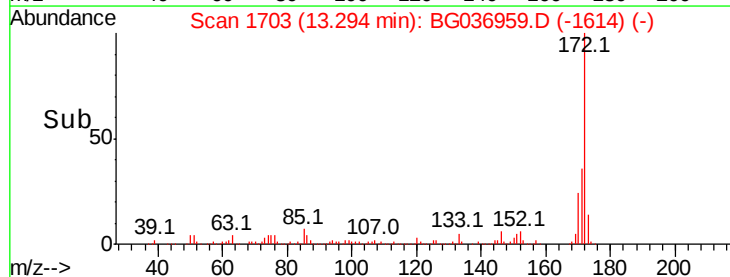
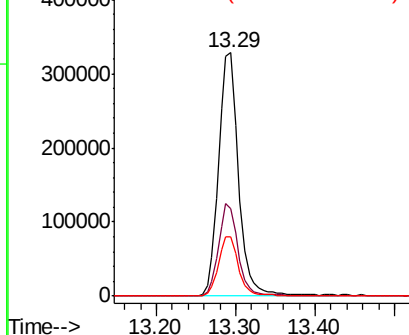


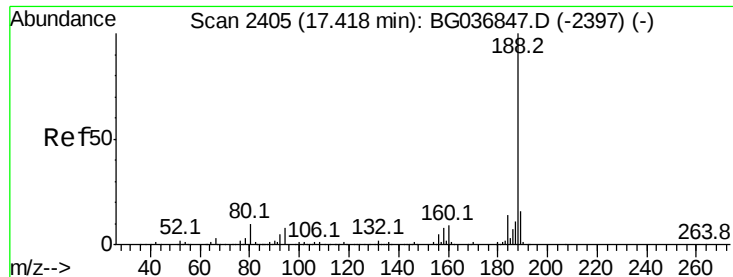
#44
 2-Fluorobiphenyl
 Concen: 79.878 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036959.D
 Acq: 25 Sep 2018 21:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	31.3	46.9
170	24.5	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

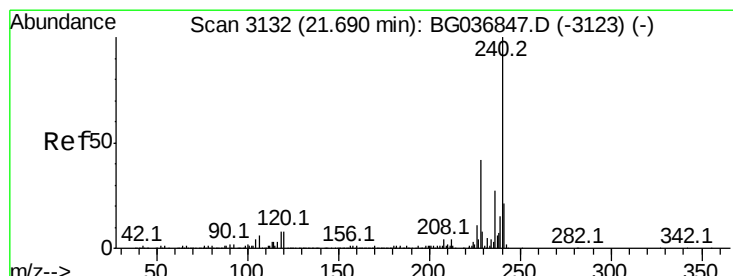
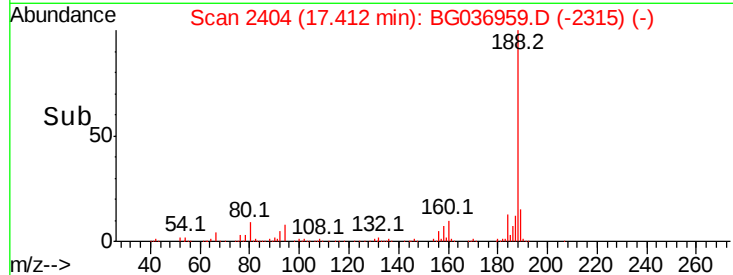
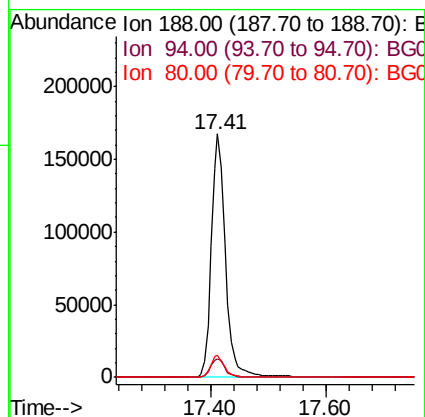
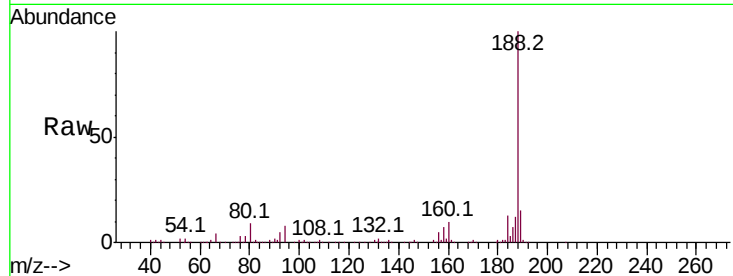




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036959.D
Acq: 25 Sep 2018 21:33

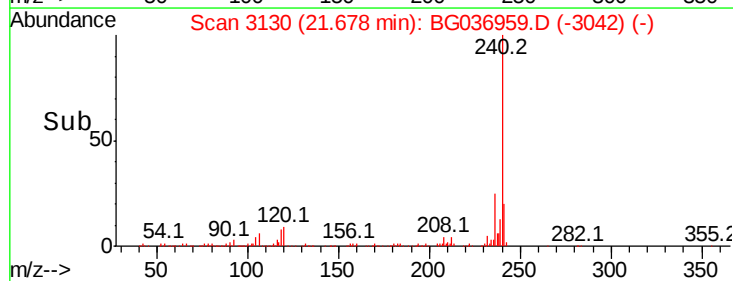
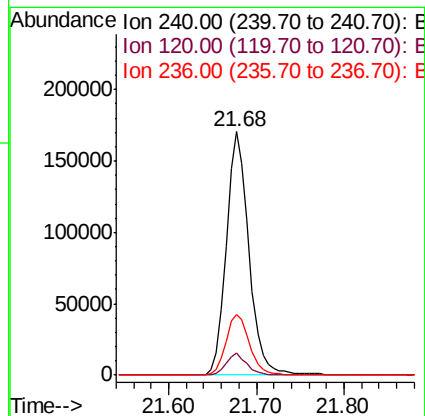
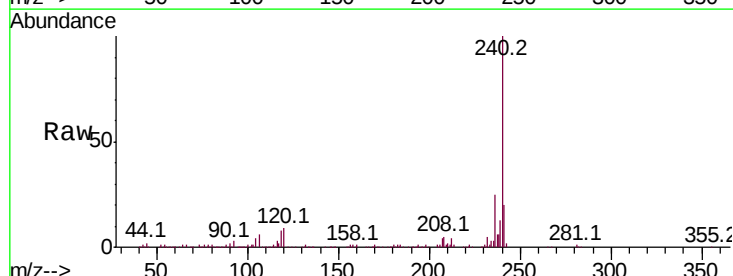
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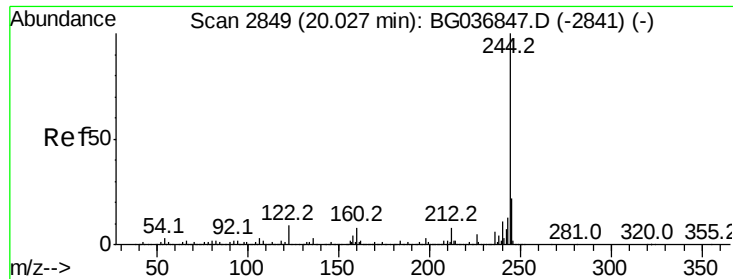
Tot Ion:188 Resp: 288648
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 9.0 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036959.D
Acq: 25 Sep 2018 21:33

Tgt Ion:240 Resp: 301986
Ion Ratio Lower Upper
240 100
120 9.0 6.9 10.3
236 25.0 21.2 31.8



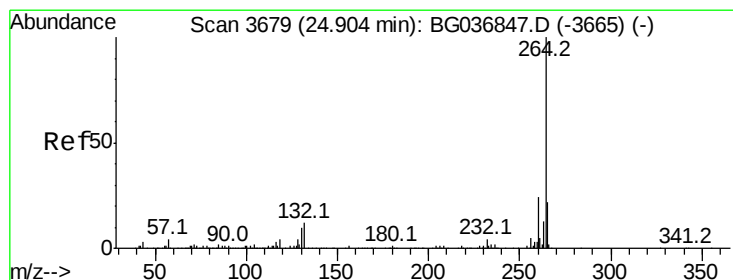
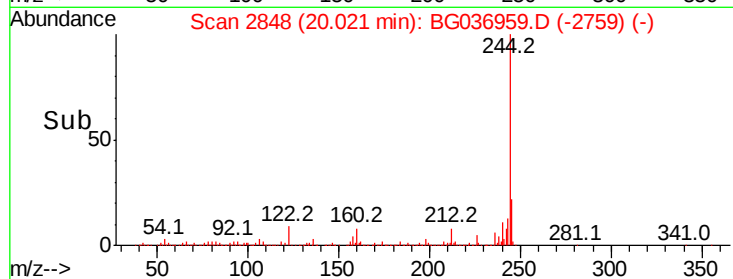
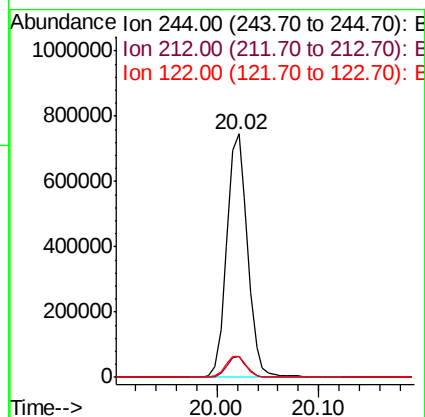
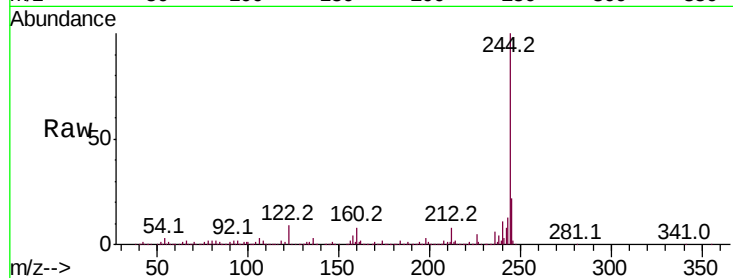


#78
 Terphenyl-d14
 Concen: 92.590 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036959.D
 Acq: 25 Sep 2018 21:33

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-092418-A

Tot Ion:244 Resp: 1063362

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	8.7	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036959.D
 Acq: 25 Sep 2018 21:33

Tgt Ion:264 Resp: 302622

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	20.9	17.4	26.0

