

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036958.D
 Acq On : 25 Sep 2018 20:54
 Operator : JU/SJ
 Sample : J4774-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-092418

Quant Time: Sep 26 01:58:39 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	45859	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	181700	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	117854	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	325505	20.00	ng	0.00
75) Chrysene-d12	21.68	240	344086	20.00	ng	-0.01
86) Perylene-d12	24.88	264	338398	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	293039	122.55	ng	0.00
7) Phenol-d6	7.20	99	364157	98.43	ng	-0.01
23) Nitrobenzene-d5	9.20	82	300063	88.44	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	199313	141.35	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	637166	80.52	ng	0.00
78) Terphenyl-d14	20.02	244	1207025	92.24	ng	0.00

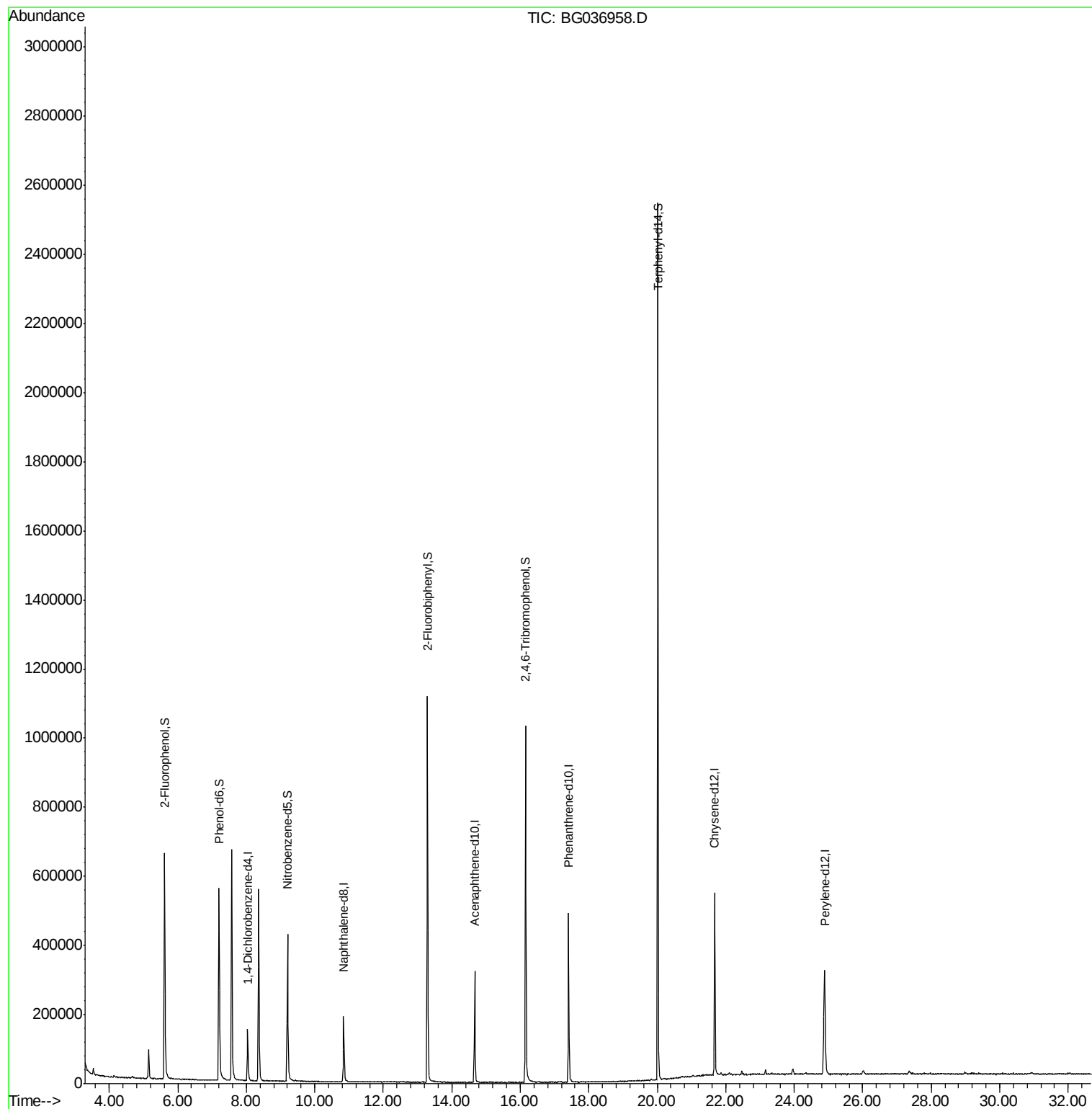
Target Compounds Qvalue

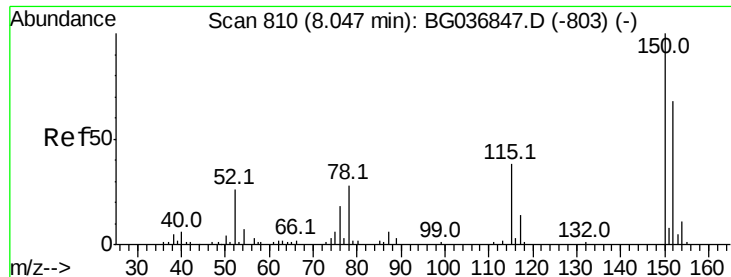
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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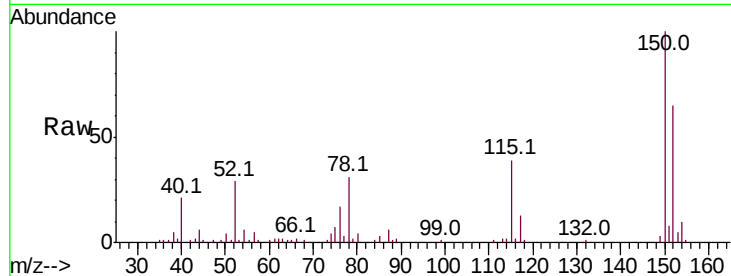


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BG036958.D
 Acq: 25 Sep 2018 20:54

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-092418

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	119.5	179.3
115	60.0	44.5	66.7

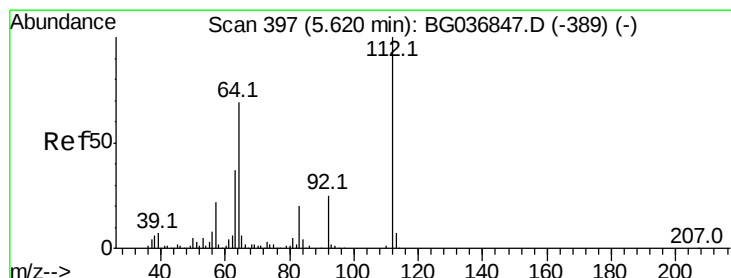
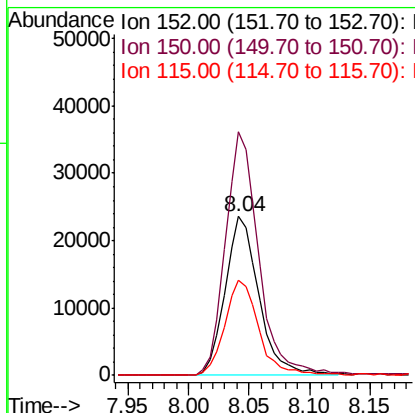
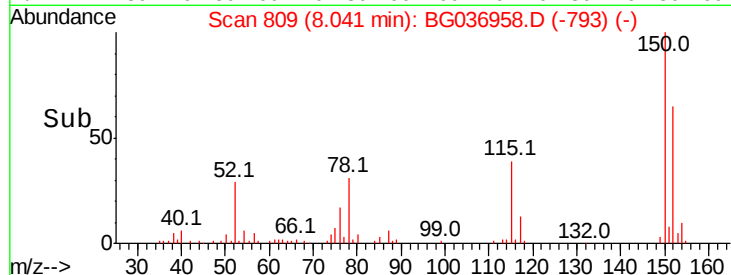


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

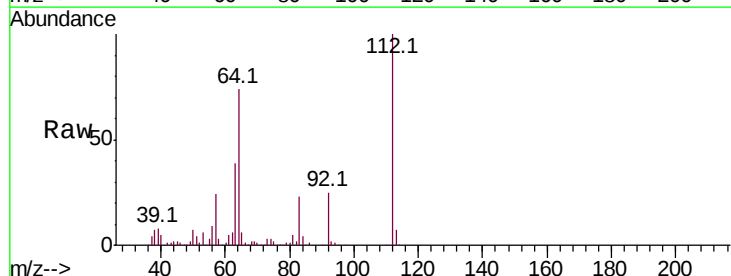
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 122.546 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG036958.D
 Acq: 25 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.5	57.2	85.8
63	38.7	30.8	46.2

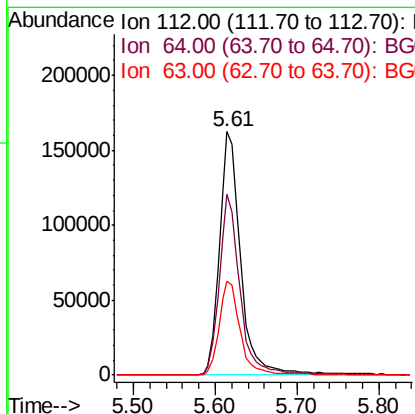
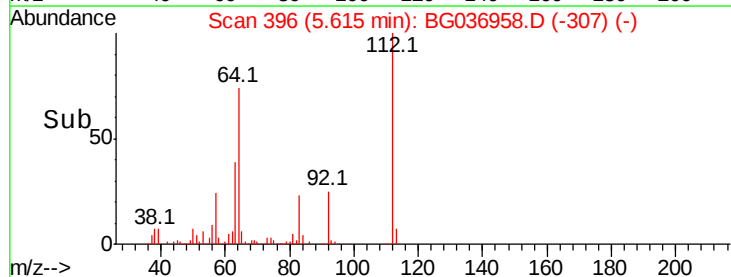


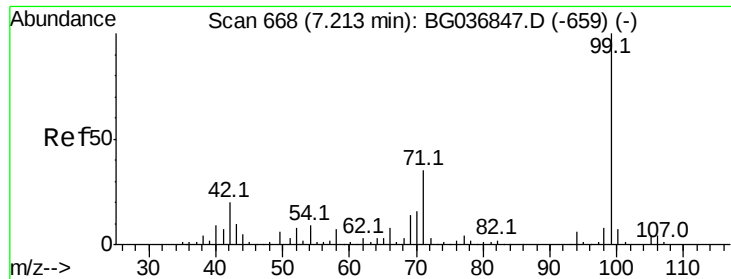
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 98.430 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036958.D

Acq: 25 Sep 2018 20:54

Instrument :

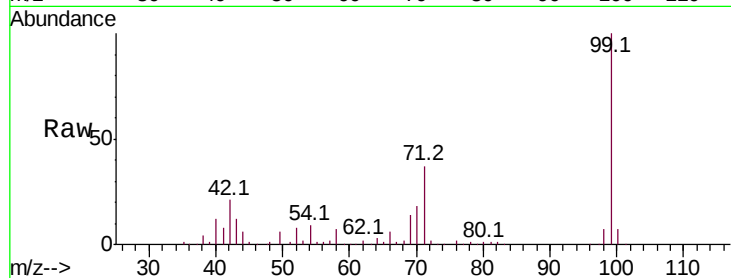
BNA_G

ClientSampleId :

OK-03-092418

Tot Ion: 99 Resp: 364157

Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.5	24.7
71	36.9	29.4	44.2

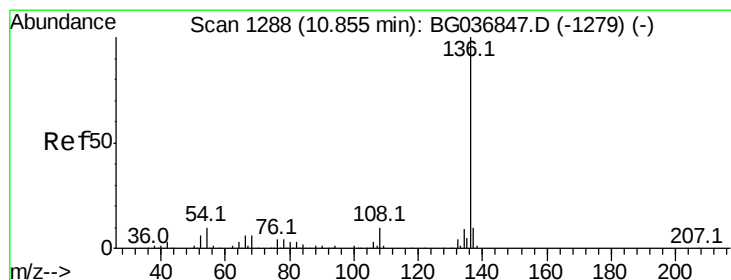
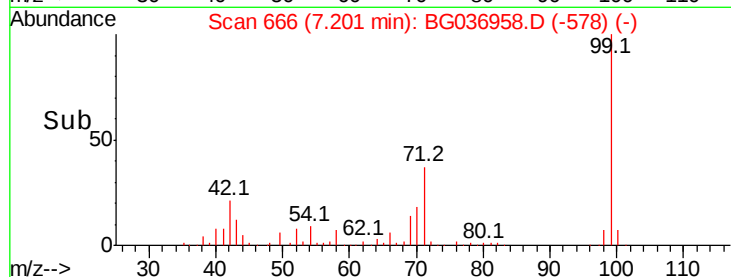
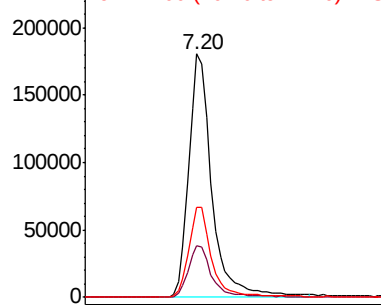


Abundance

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

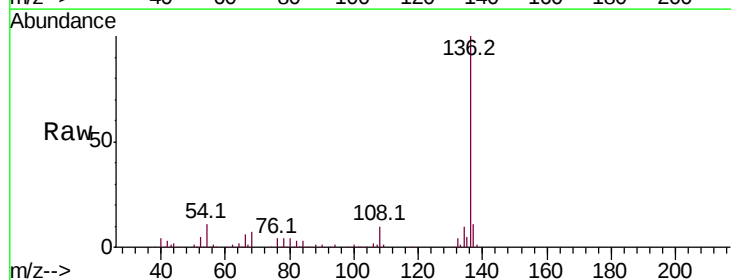
Delta R.T. -0.01 min

Lab File: BG036958.D

Acq: 25 Sep 2018 20:54

Tgt Ion: 136 Resp: 181700

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	10.9	9.2	13.8
68	6.5	5.8	8.6



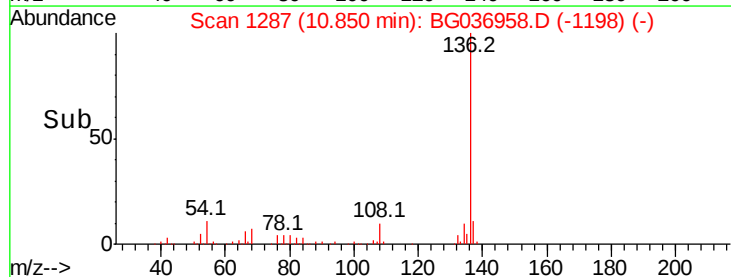
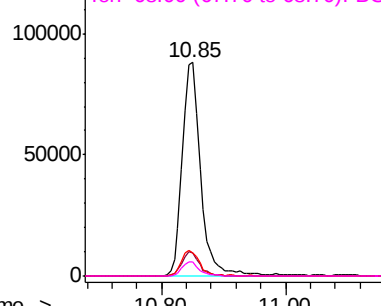
Abundance

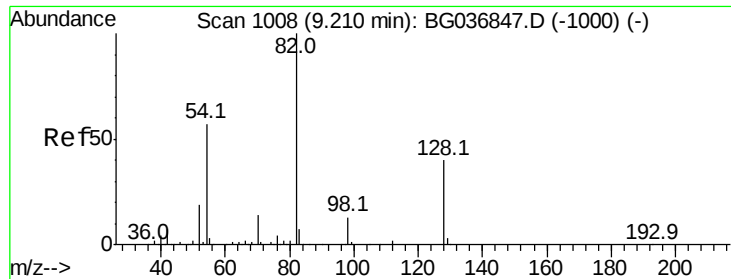
Ion 136.00 (135.70 to 136.70): BGC

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

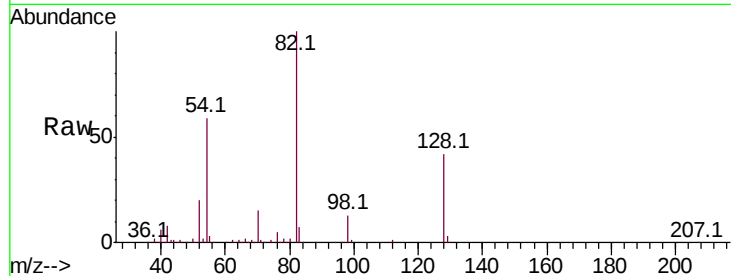




#23
Nitrobenzene-d5
Concen: 88.435 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036958.D
Acq: 25 Sep 2018 20:54

Instrument :
BNA_G
ClientSampleId :
OK-03-092418

Tot Ion	82	Resp	300063
Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.3	49.9
54	58.7	45.1	67.7

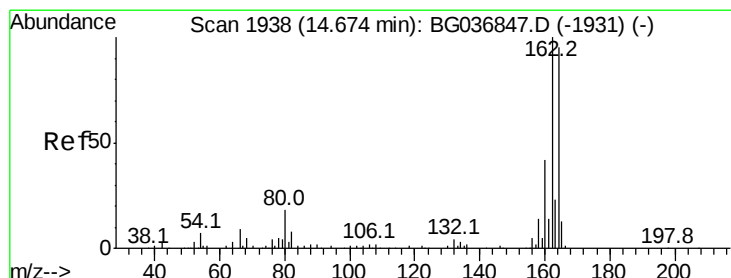
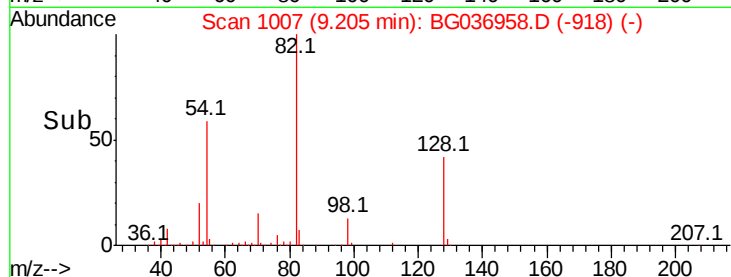
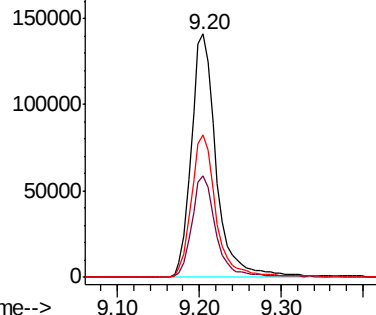


Abundance

Ion 82.00 (81.70 to 82.70): BGC

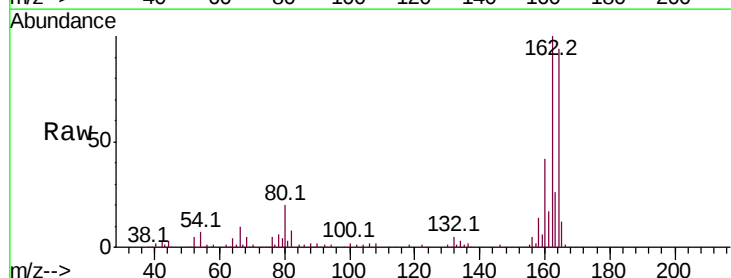
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036958.D
Acq: 25 Sep 2018 20:54

Tgt Ion	164	Resp	117854
Ion	Ratio	Lower	Upper
164	100		
162	106.2	80.7	121.1
160	45.1	35.3	52.9

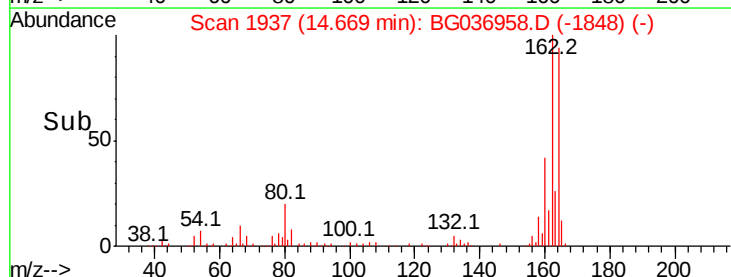
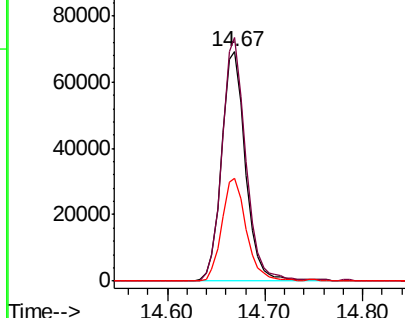


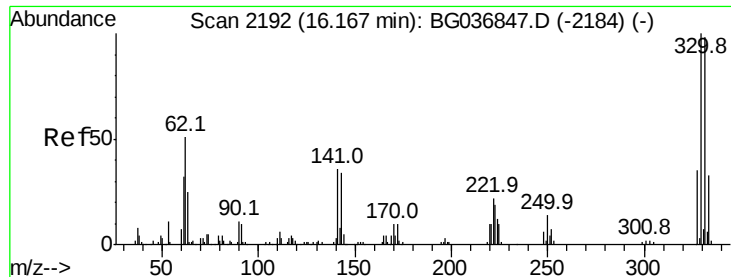
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 141.352 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036958.D

Acq: 25 Sep 2018 20:54

Instrument :

BNA_G

ClientSampleId :

OK-03-092418

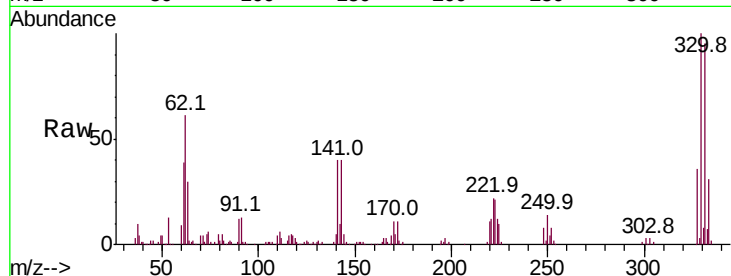
Tot Ion:330 Resp: 199313

Ion Ratio Lower Upper

330 100

332 97.6 75.4 113.2

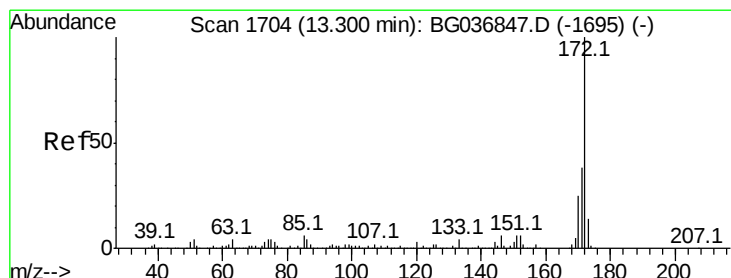
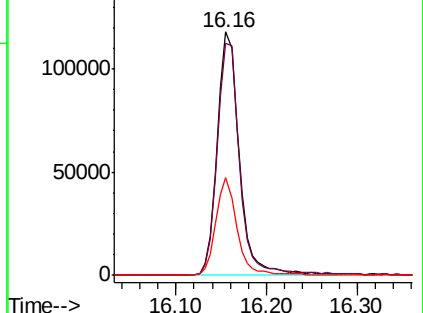
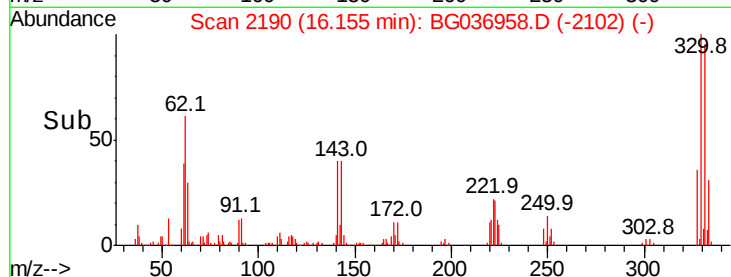
141 38.7 30.7 46.1



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: 80.522 ng

RT: 13.29 min Scan# 1703

Delta R.T. -0.01 min

Lab File: BG036958.D

Acq: 25 Sep 2018 20:54

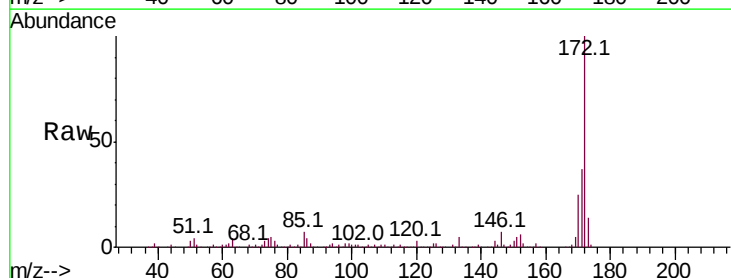
Tgt Ion:172 Resp: 637166

Ion Ratio Lower Upper

172 100

171 37.3 31.3 46.9

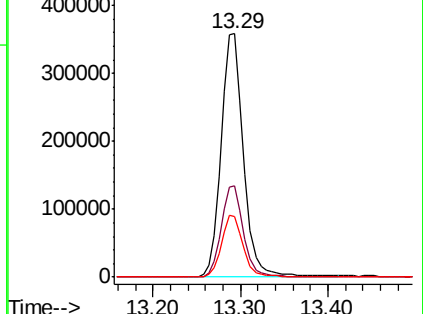
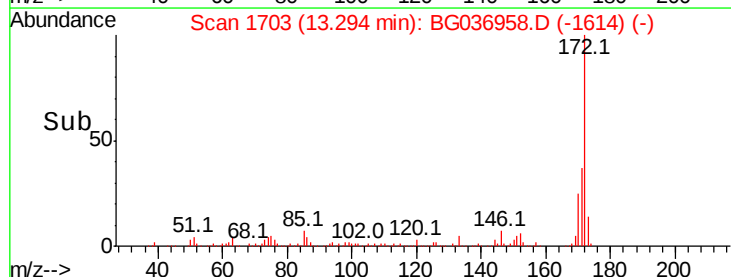
170 25.0 21.0 31.6

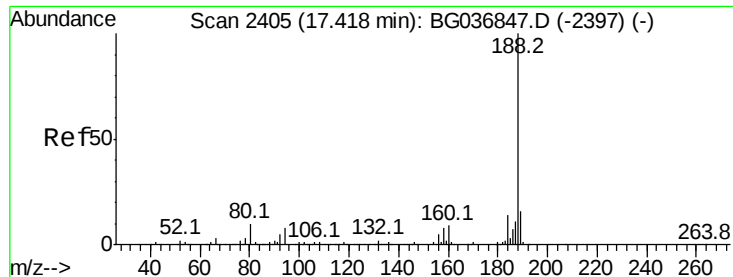


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

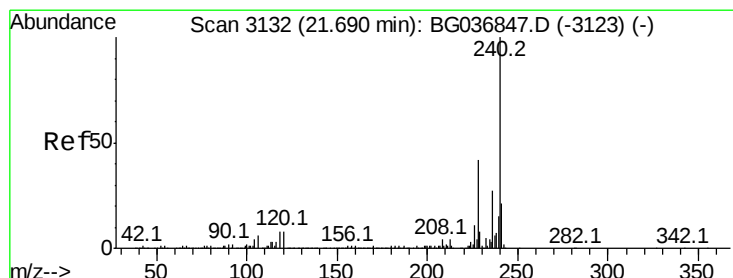
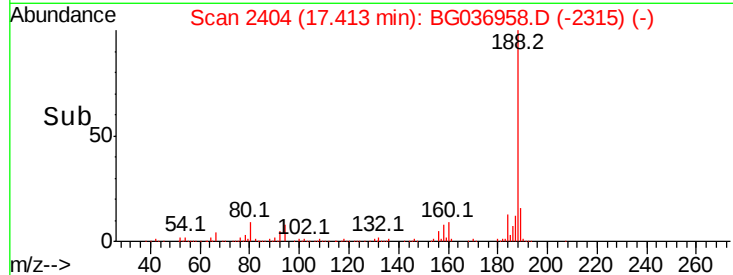
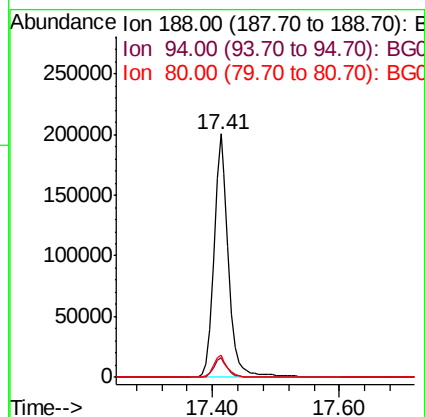
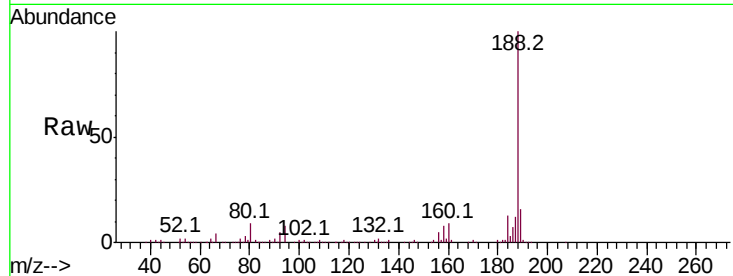




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036958.D
Acq: 25 Sep 2018 20:54

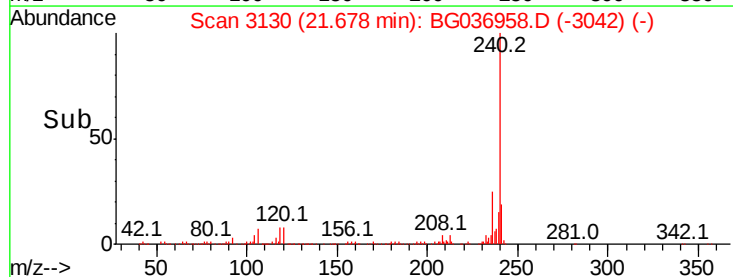
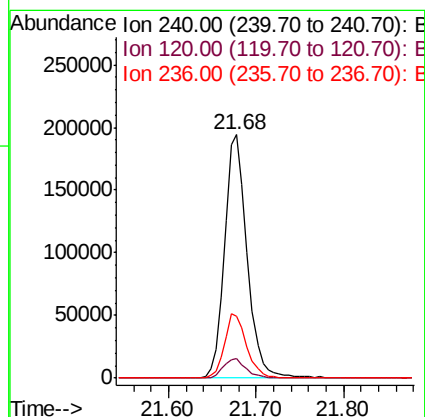
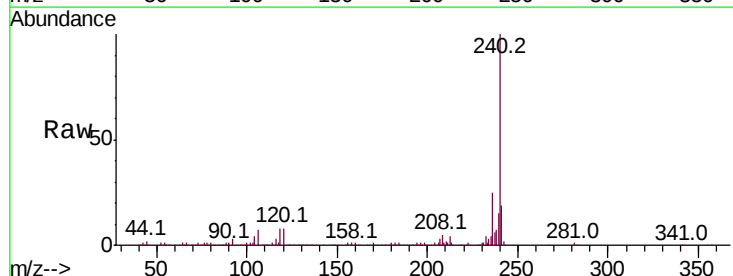
Instrument :
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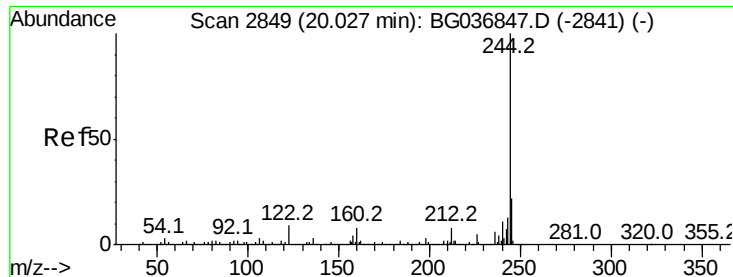
Tot Ion:188 Resp: 325505
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.2 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036958.D
Acq: 25 Sep 2018 20:54

Tgt Ion:240 Resp: 344086
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 25.3 21.2 31.8



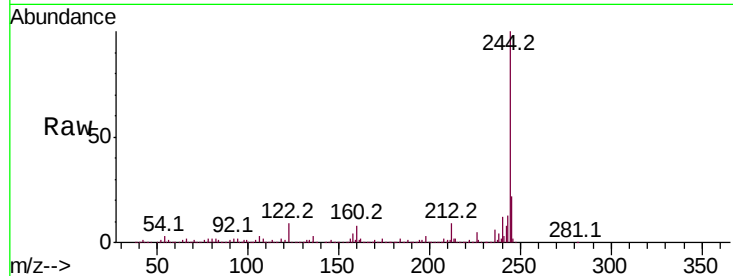


#78
 Terphenyl-d14
 Concen: 92.240 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036958.D
 Acq: 25 Sep 2018 20:54

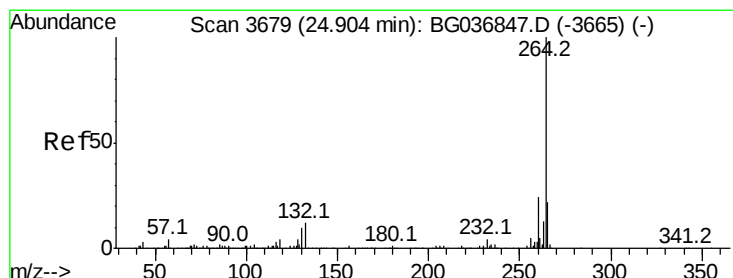
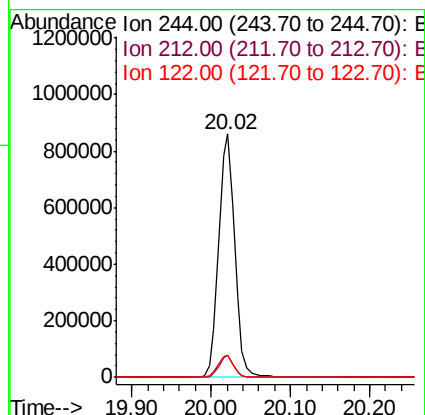
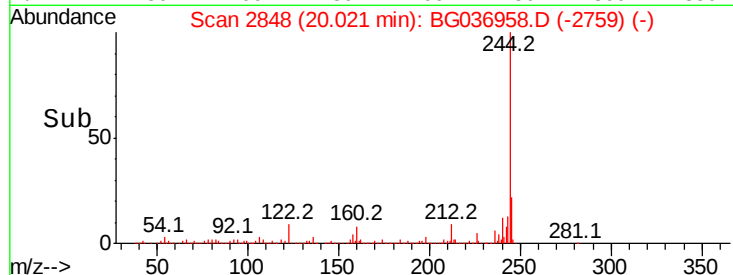
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-092418

Tot Ion:244 Resp: 1207025

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	8.9	7.1	10.7



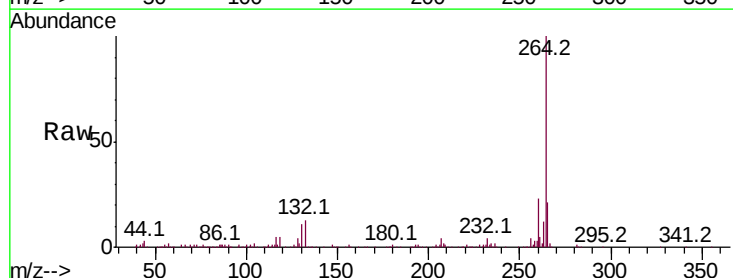
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG036958.D
 Acq: 25 Sep 2018 20:54

Tgt Ion:264 Resp: 338398

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.6	29.4
265	20.8	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

