

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
 Data File : BG038405.D
 Acq On : 7 Dec 2018 16:11
 Operator : JU/SJ
 Sample : J6255-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120518-DBRI-F-D-S

Quant Time: Dec 08 04:20:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

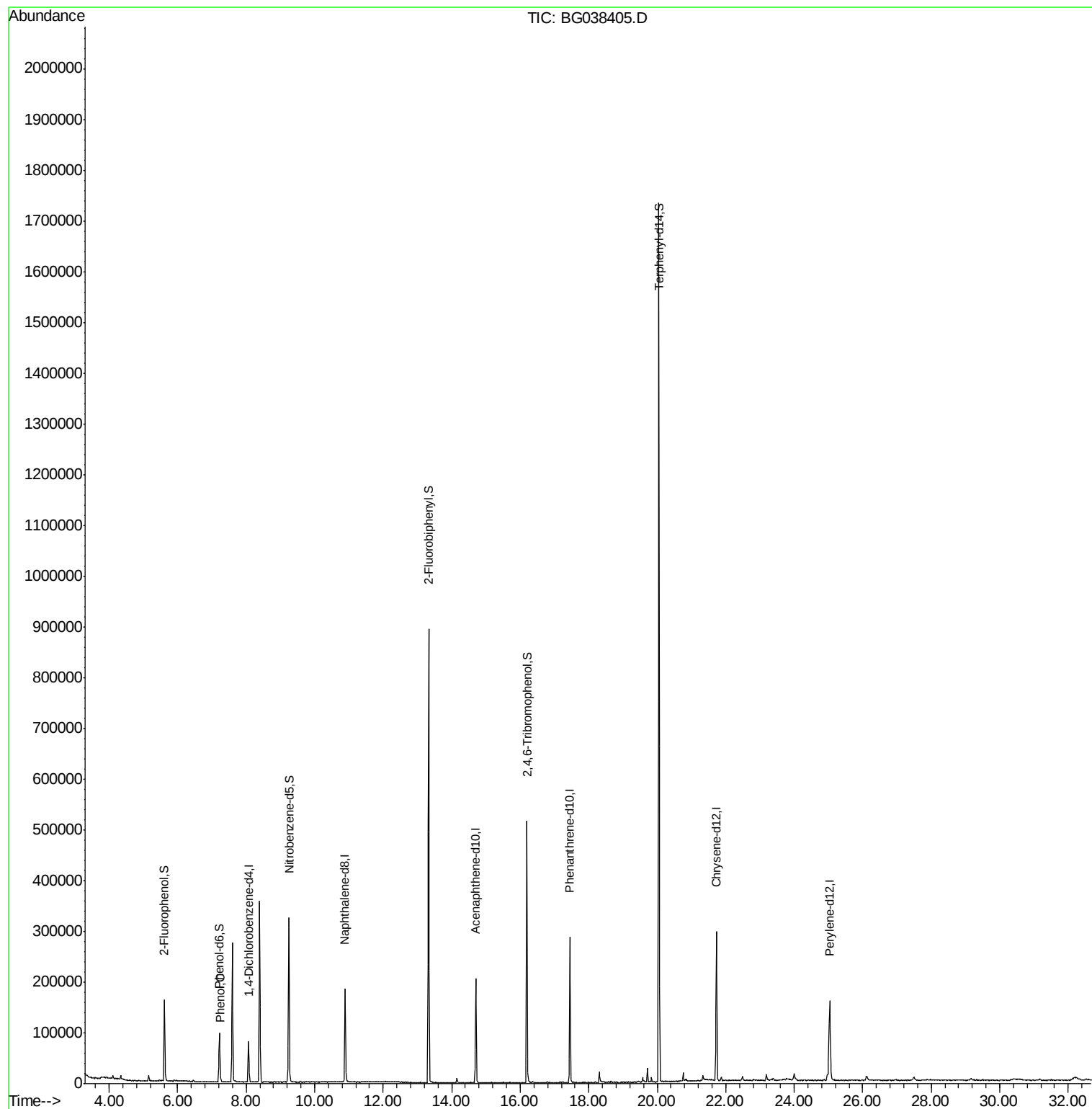
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	24234	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	173413	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	73677	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	191603	20.00	ng	-0.01
76) Chrysene-d12	21.73	240	185622	20.00	ng	-0.01
87) Perylene-d12	25.04	264	190963	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	78113	57.04	ng	0.00
7) Phenol-d6	7.21	99	58172	29.39	ng	-0.01
23) Nitrobenzene-d5	9.25	82	201223	57.61	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	98149	108.51	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	478235	92.49	ng	0.00
79) Terphenyl-d14	20.05	244	840165	96.96	ng	0.00
Target Compounds						
10) Phenol	7.24	94	7450	3.562	ng	Qvalue 88

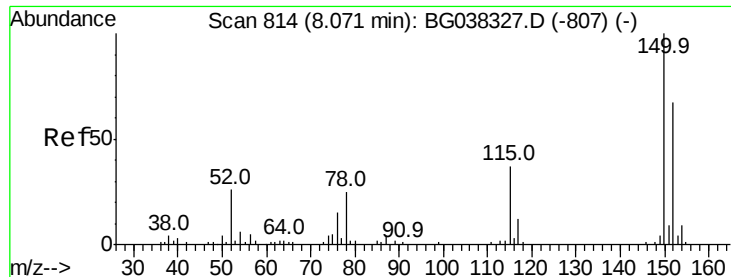
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_G
ClientSampleId :
120518-DBRI-F-D-S

Quant Time: Dec 08 04:20:37 2018
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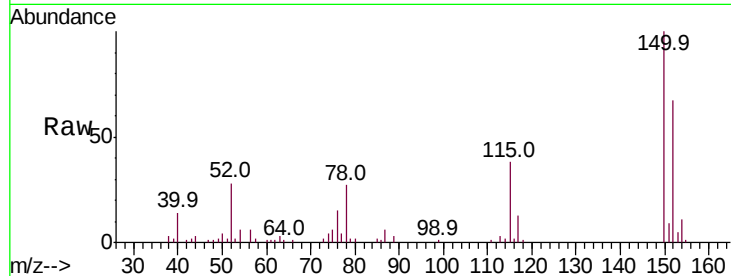


#1

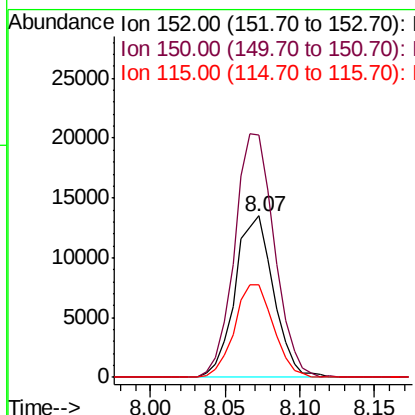
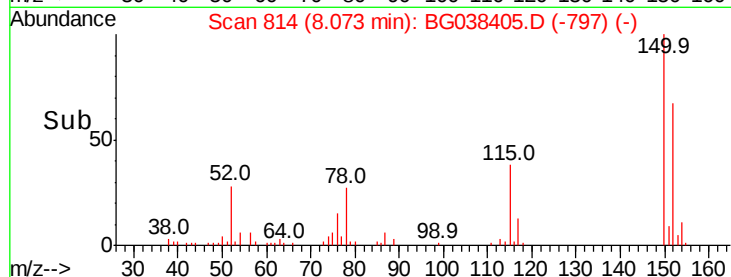
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038405.D
Acq: 7 Dec 2018 16:11

Instrument :
BNA_G
ClientSampleId :
120518-DBRI-F-D-S

Tot Ion:152 Resp: 24234
Ion Ratio Lower Upper
152 100
150 150.2 126.0 189.0
115 57.6 45.5 68.3



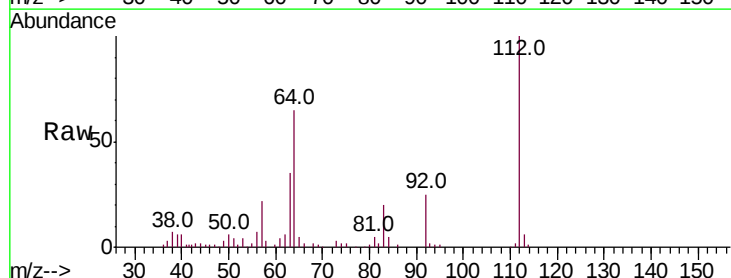
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



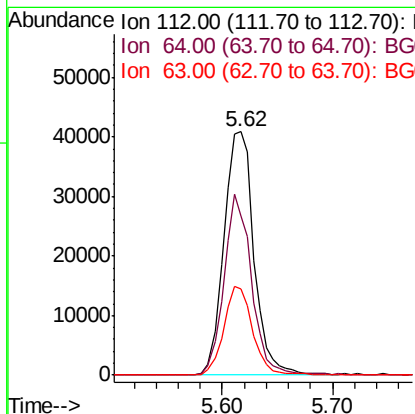
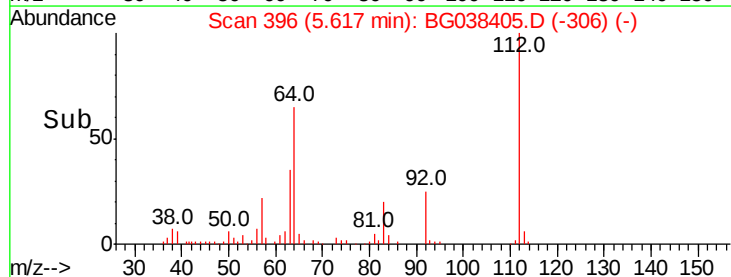
#5

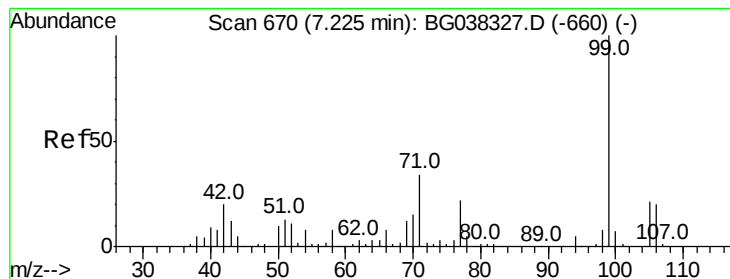
2-Fluorophenol
Concen: 57.041 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038405.D
Acq: 7 Dec 2018 16:11

Tgt Ion:112 Resp: 78113
Ion Ratio Lower Upper
112 100
64 65.2 53.1 79.7
63 35.4 27.3 40.9



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: 29.390 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038405.D

Acq: 7 Dec 2018 16:11

Instrument :

BNA_G

ClientSampleId :

120518-DBRI-F-D-S

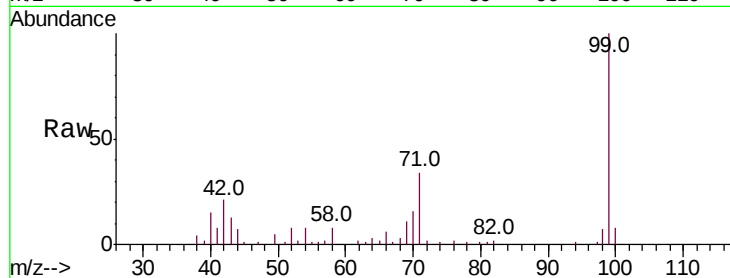
Tot Ion: 99 Resp: 58172

Ion Ratio Lower Upper

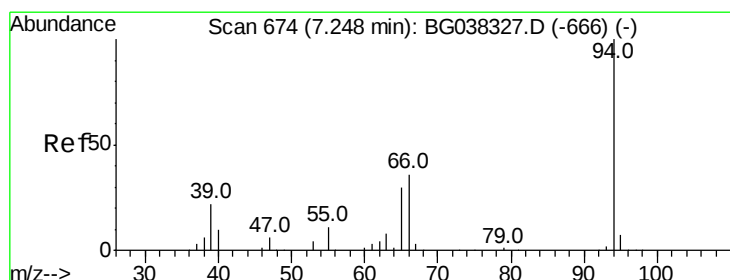
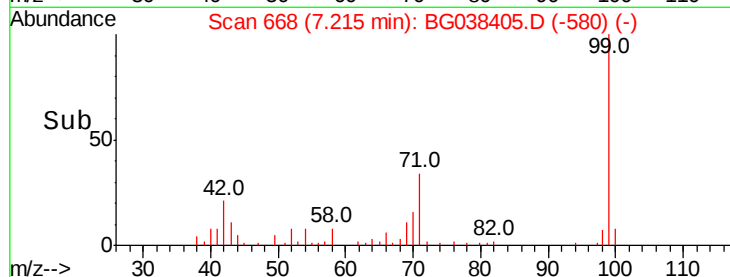
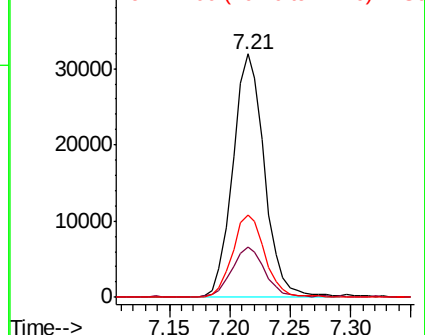
99 100

42 20.8 15.0 22.4

71 33.6 25.5 38.3



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



#10

Phenol

Concen: 3.562 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.00 min

Lab File: BG038405.D

Acq: 7 Dec 2018 16:11

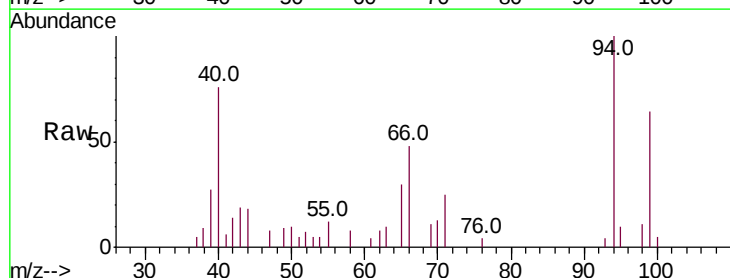
Tgt Ion: 94 Resp: 7450

Ion Ratio Lower Upper

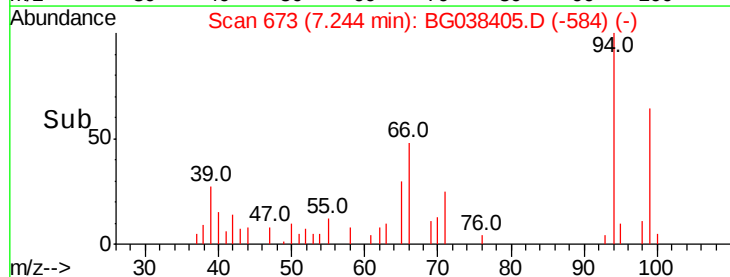
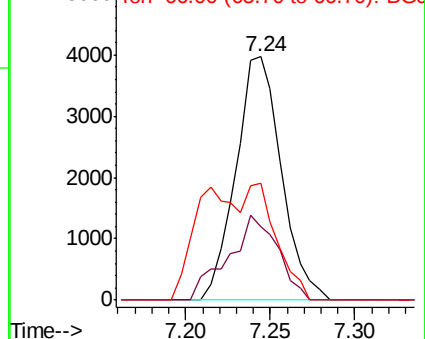
94 100

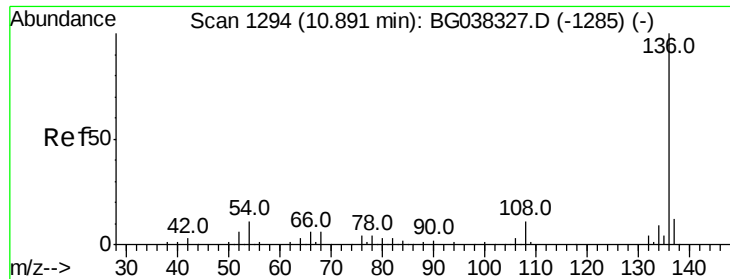
65 30.3 9.7 49.7

66 47.9 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

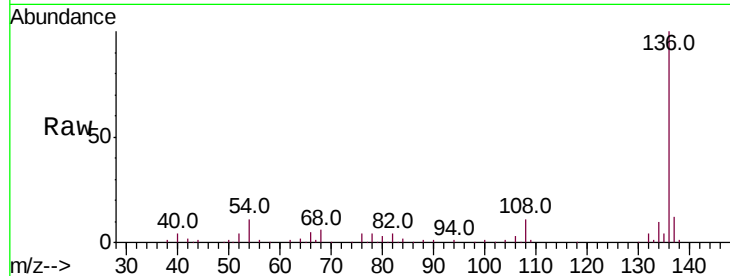




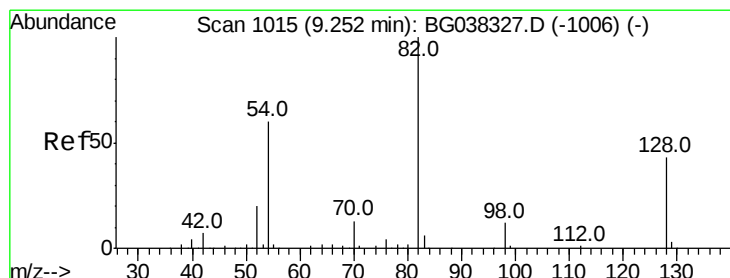
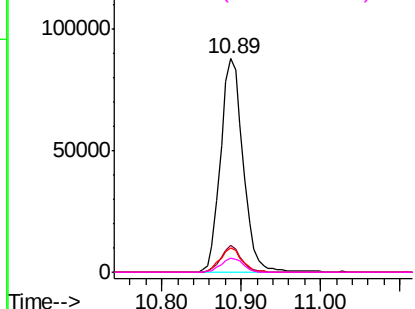
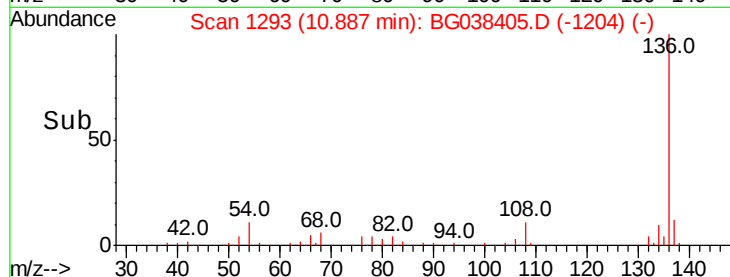
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038405.D
Acq: 7 Dec 2018 16:11

Instrument :
BNA_G
ClientSampleId :
120518-DBRI-F-D-S

Tot Ion:	136	Resp:	173413
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.6	14.4
54	11.1	7.9	11.9
68	6.5	4.8	7.2

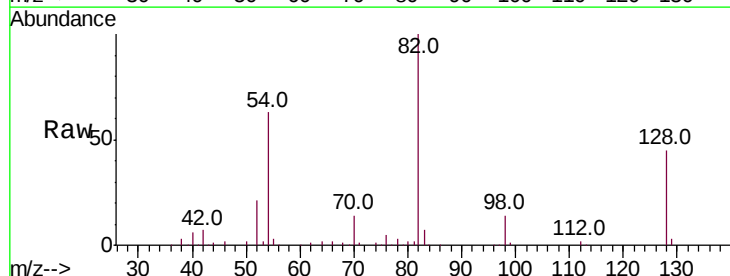


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

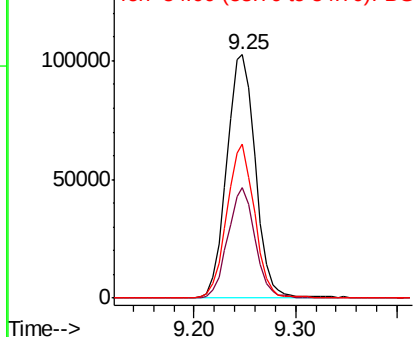
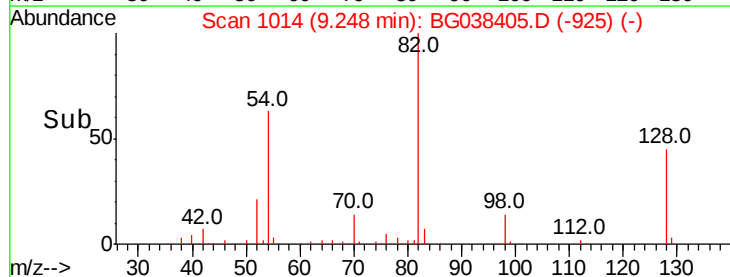


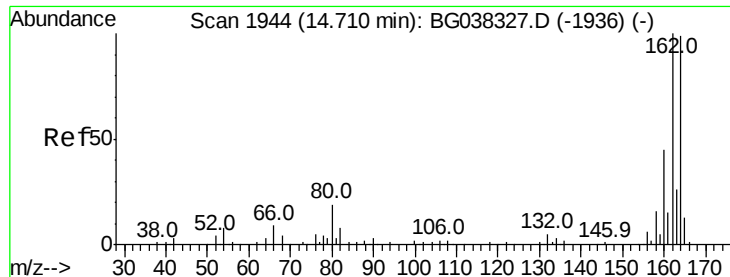
#23
Nitrobenzene-d5
Concen: 57.610 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG038405.D
Acq: 7 Dec 2018 16:11

Tgt Ion:	82	Resp:	201223
Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.6	51.8
54	63.3	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG038405.D

Acq: 7 Dec 2018 16:11

Instrument :

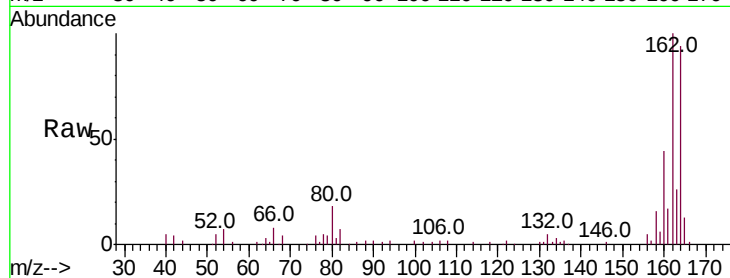
BNA_G

ClientSampleId :

120518-DBRI-F-D-S

Tot Ion:164 Resp: 73677

Ion	Ratio	Lower	Upper
164	100		
162	106.2	81.3	121.9
160	46.7	36.3	54.5

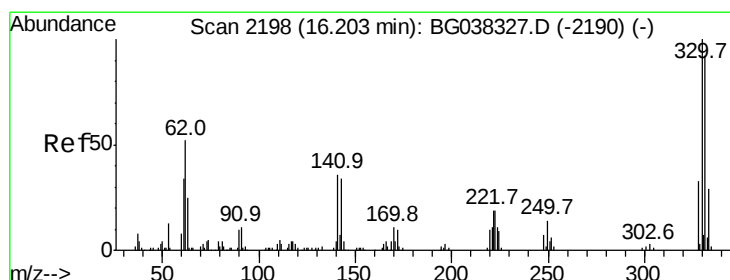
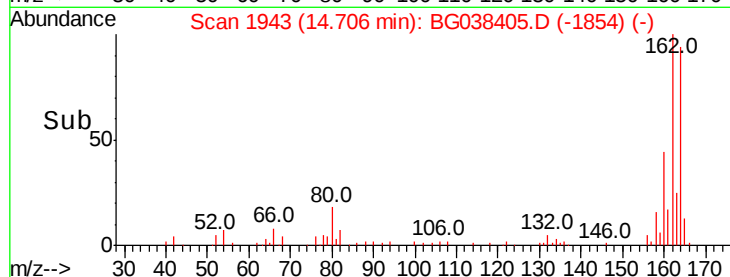
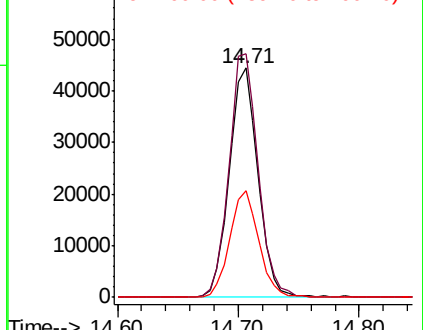


Abundance

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: 108.515 ng

RT: 16.19 min Scan# 2196

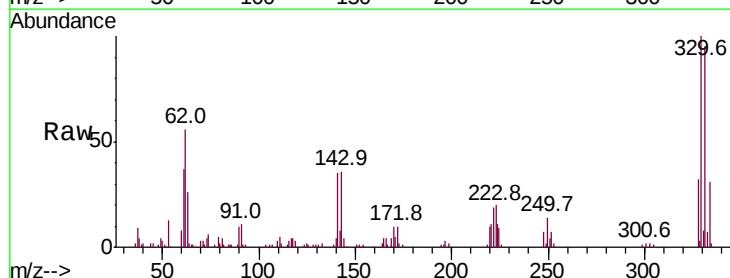
Delta R.T. -0.01 min

Lab File: BG038405.D

Acq: 7 Dec 2018 16:11

Tgt Ion:330 Resp: 98149

Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.4	117.6
141	37.4	32.2	48.2

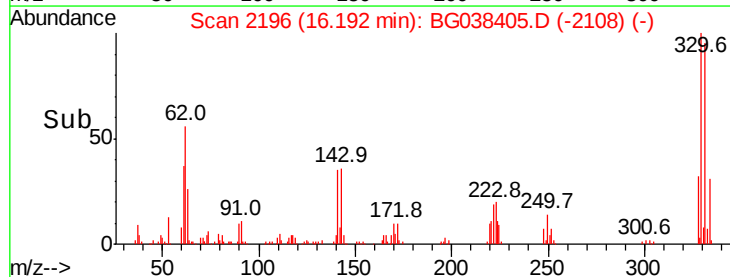
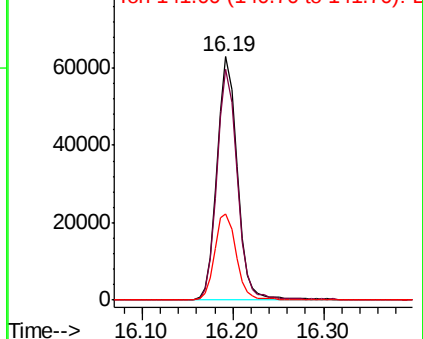


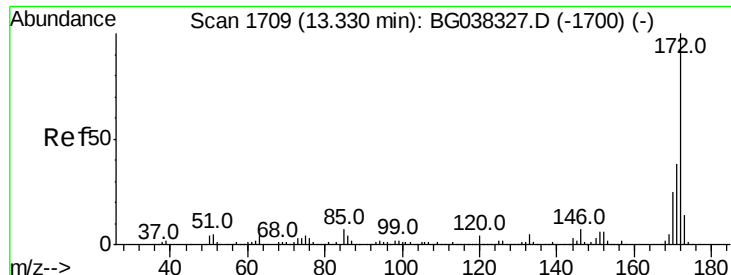
Abundance

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

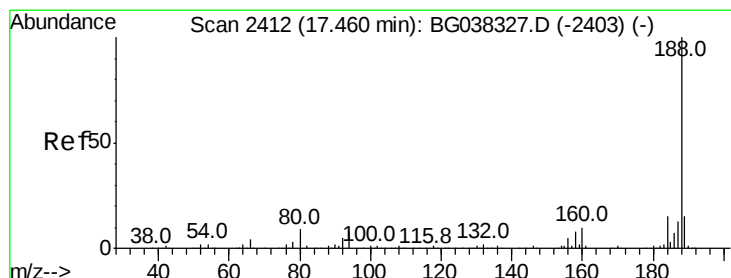
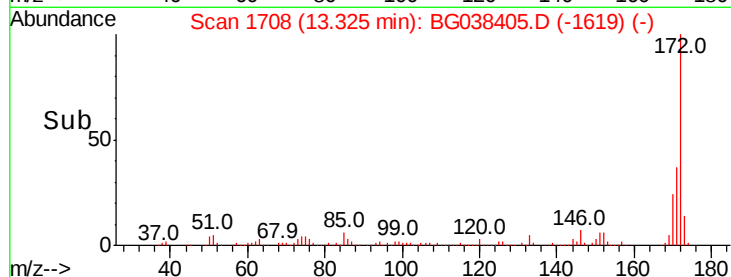
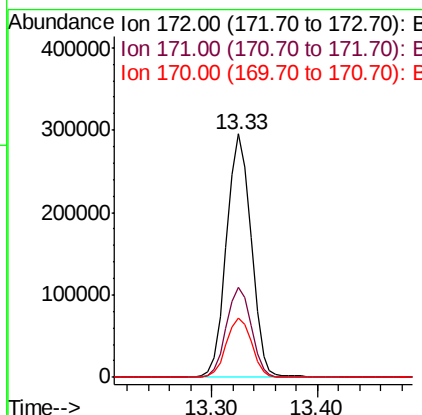
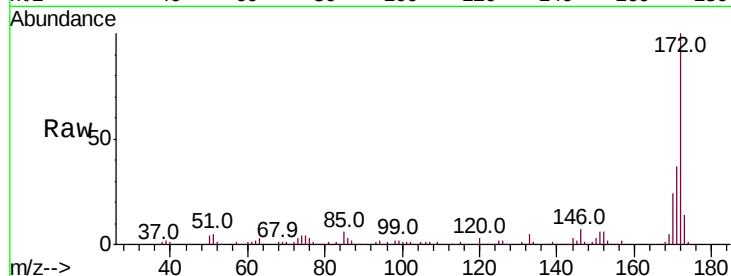




#45
 2-Fluorobiphenyl
 Concen: 92.491 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038405.D
 Acq: 7 Dec 2018 16:11

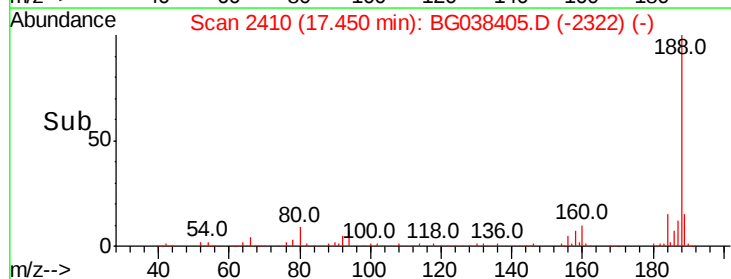
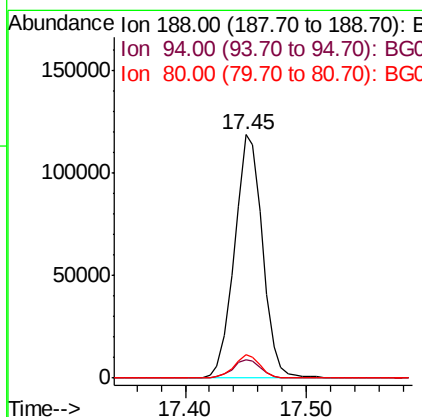
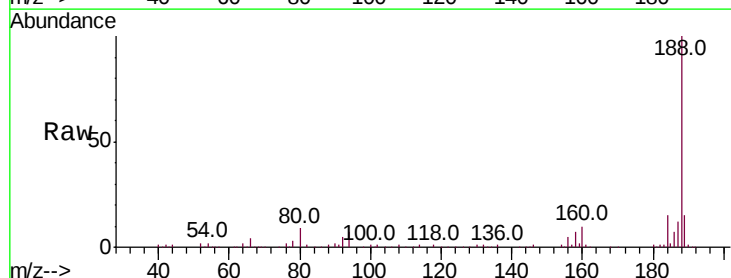
Instrument :
 BNA_G
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 120518-DBRI-F-D-S

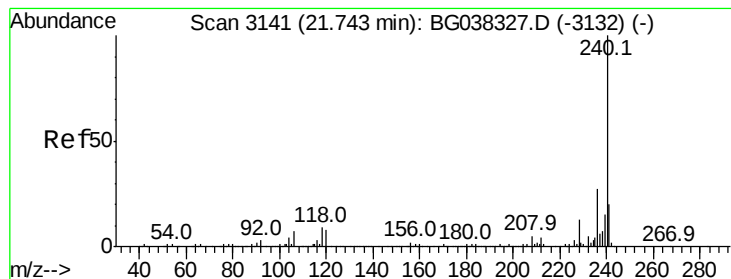
Tot Ion:172 Resp: 478235
 Ion Ratio Lower Upper
 172 100
 171 37.1 31.0 46.4
 170 24.4 20.2 30.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BG038405.D
 Acq: 7 Dec 2018 16:11

Tgt Ion:188 Resp: 191603
 Ion Ratio Lower Upper
 188 100
 94 7.4 7.2 10.8
 80 9.4 7.7 11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038405.D

Acq: 7 Dec 2018 16:11

Instrument :

BNA_G

ClientSampleId :

120518-DBRI-F-D-S

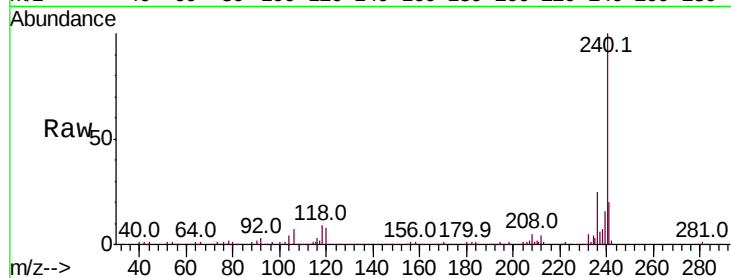
Tot Ion:240 Resp: 185622

Ion Ratio Lower Upper

240 100

120 8.5 8.1 12.1

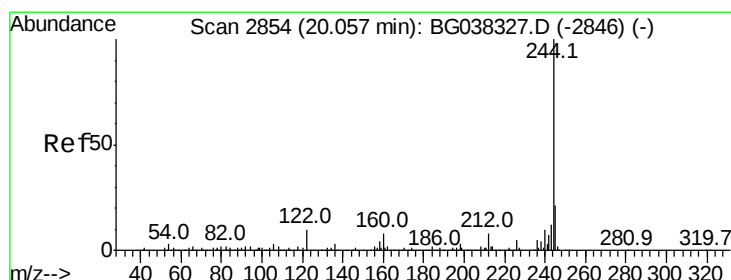
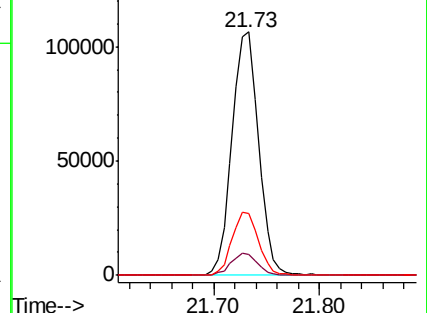
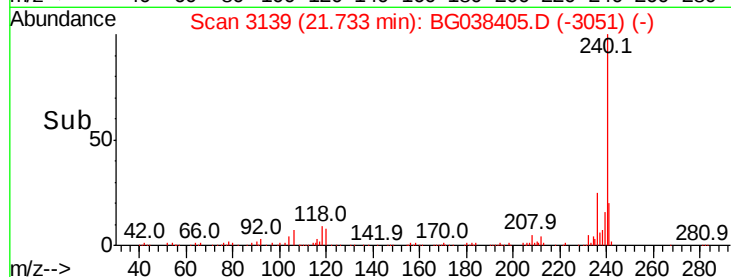
236 25.2 21.4 32.0



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: 96.963 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038405.D

Acq: 7 Dec 2018 16:11

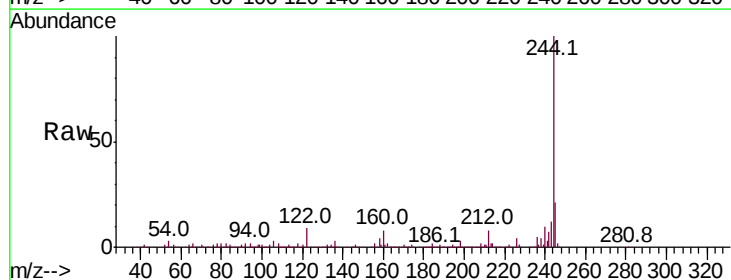
Tgt Ion:244 Resp: 840165

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

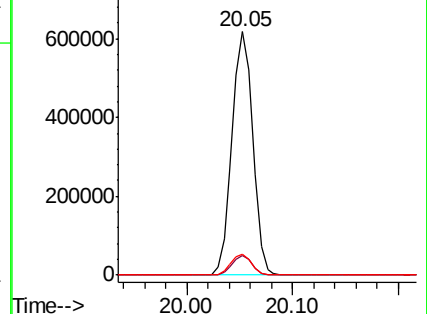
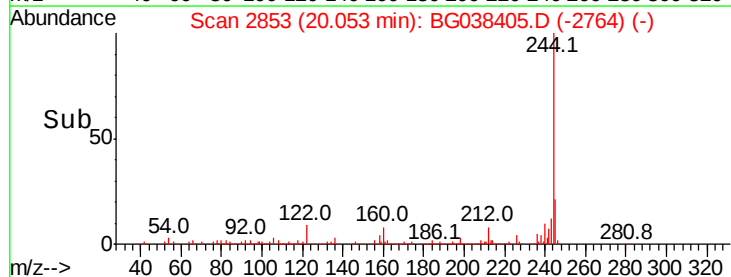
122 8.8 9.0 13.4#

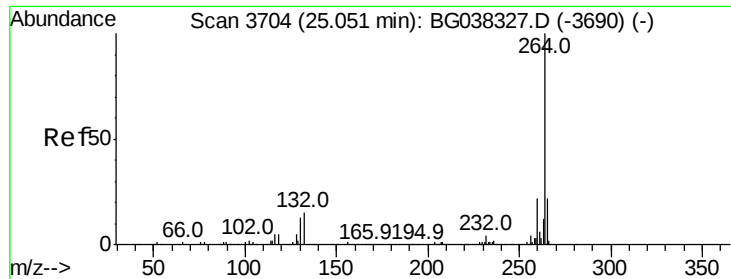


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.04 min Scan# 3701
 Delta R.T. -0.02 min
 Lab File: BG038405.D
 Acq: 7 Dec 2018 16:11

Instrument :
 BNA_G
 ClientSampleId :
 120518-DBRI-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	20.6	17.9	26.9

