

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
 Data File : BG038192.D
 Acq On : 28 Nov 2018 8:46
 Operator : JU/SJ
 Sample : J6070-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112118-TIPC-E-D-M

Quant Time: Nov 28 11:08:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

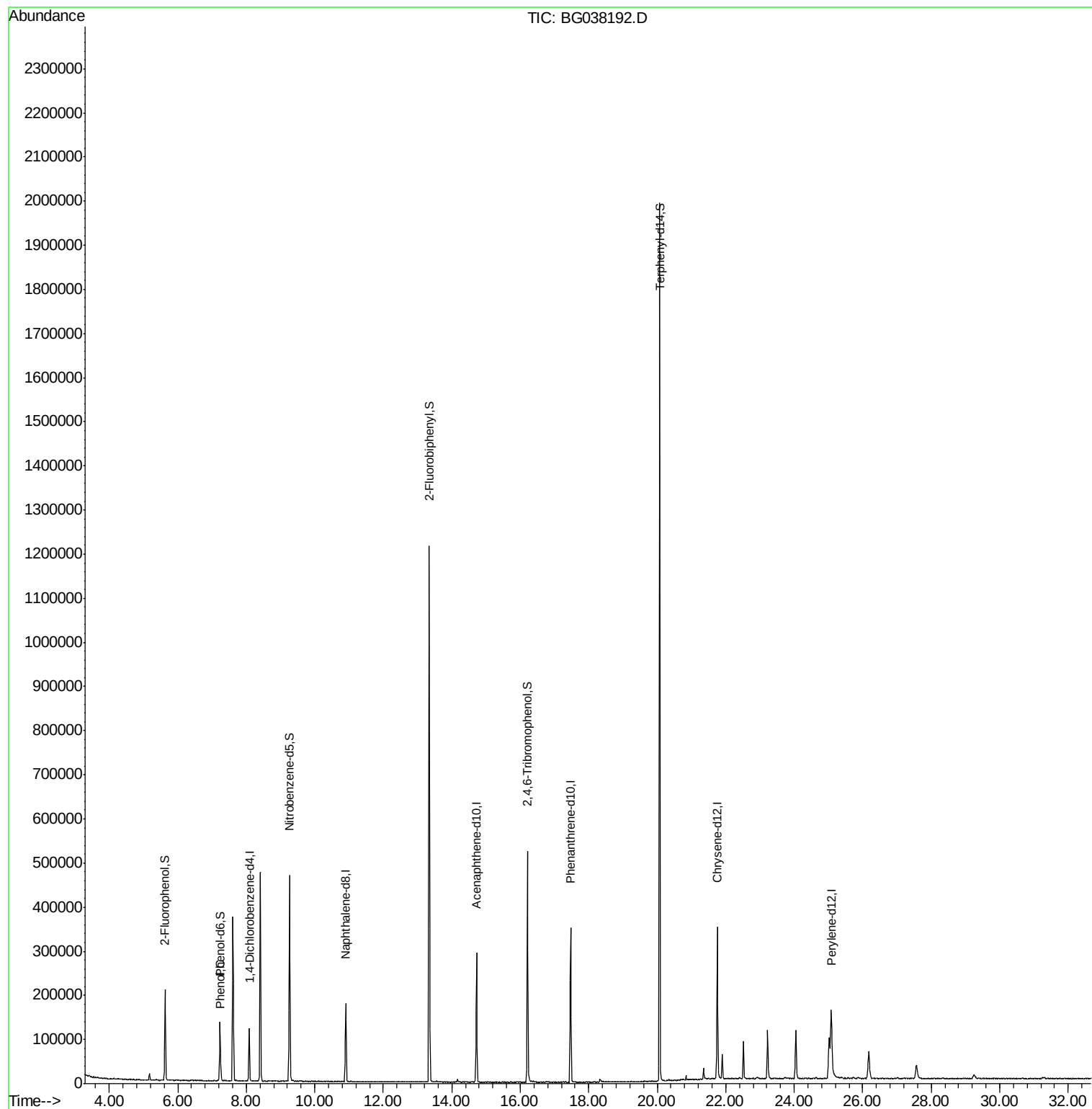
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	34773	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	158941	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	99868	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	227055	20.00	ng	0.00
76) Chrysene-d12	21.75	240	217018	20.00	ng	0.00
87) Perylene-d12	25.08	264	208048	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	92098	45.73	ng	0.00
7) Phenol-d6	7.23	99	81507	28.35	ng	0.00
23) Nitrobenzene-d5	9.26	82	284735	95.90	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	99735	87.57	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	652895	95.24	ng	0.00
79) Terphenyl-d14	20.07	244	966253	104.77	ng	0.00
Target Compounds						
10) Phenol	7.25	94	9230	3.031	ng	Qvalue 84

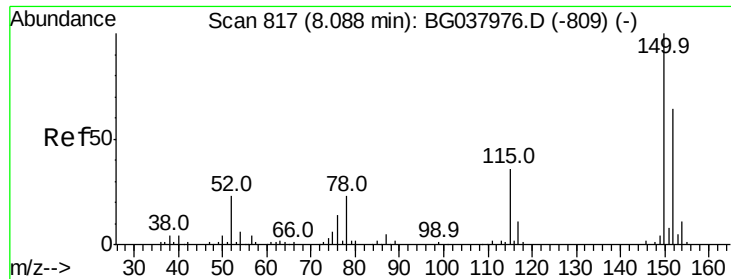
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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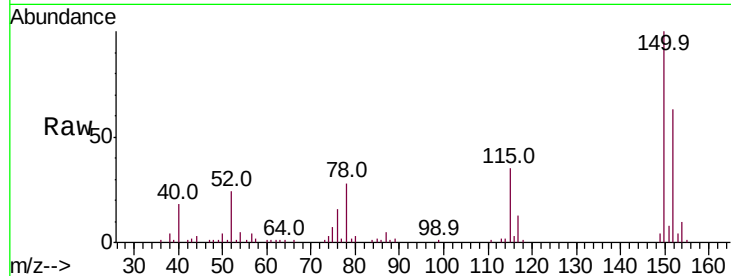


#1

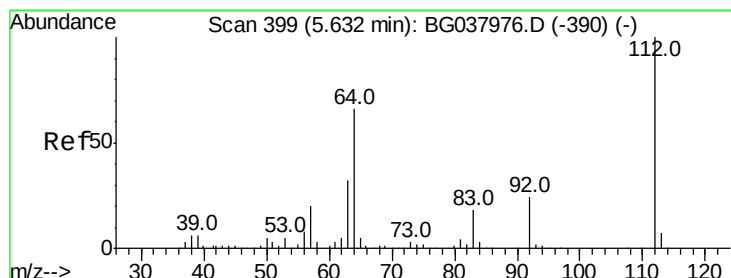
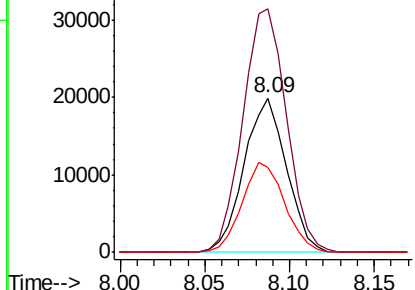
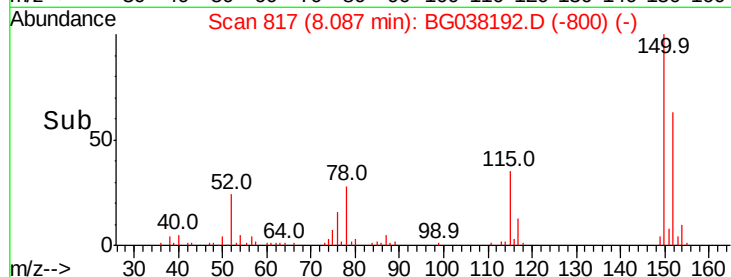
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038192.D
Acq: 28 Nov 2018 8:46

Instrument :
BNA_G
ClientSampleId :
112118-TIPC-E-D-M

Tot Ion:152 Resp: 34773
Ion Ratio Lower Upper
152 100
150 157.6 126.0 189.0
115 55.0 45.5 68.3



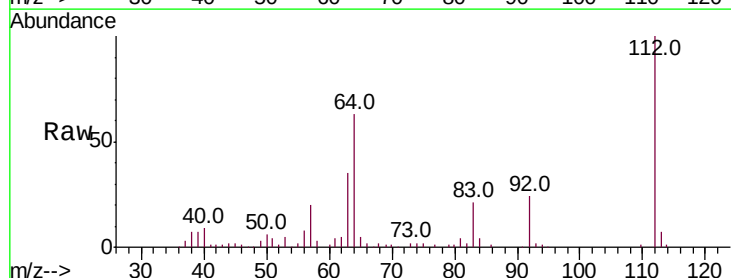
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



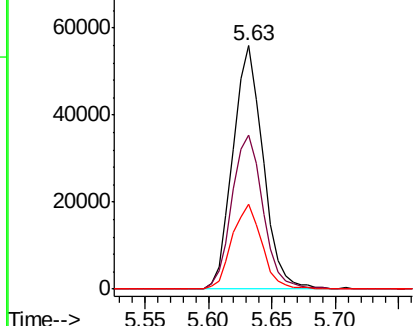
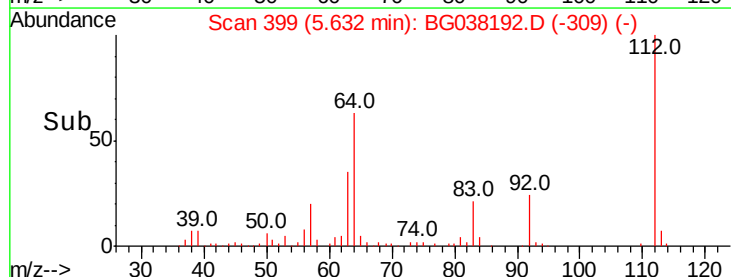
#5

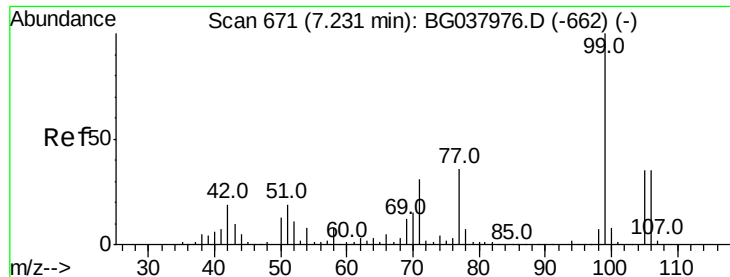
2-Fluorophenol
Concen: 45.729 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038192.D
Acq: 28 Nov 2018 8:46

Tgt Ion:112 Resp: 92098
Ion Ratio Lower Upper
112 100
64 63.5 53.1 79.7
63 34.6 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: 28.352 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038192.D

Acq: 28 Nov 2018 8:46

Instrument :

BNA_G

ClientSampleId :

112118-TIPC-E-D-M

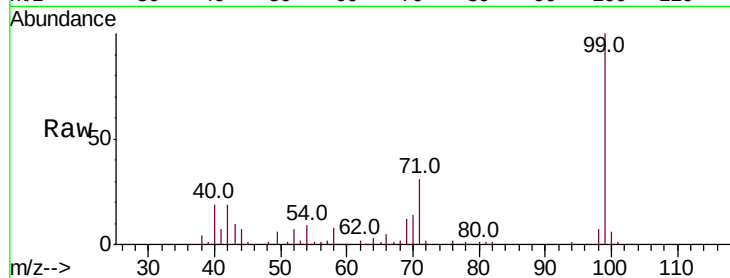
Tot Ion: 99 Resp: 81507

Ion Ratio Lower Upper

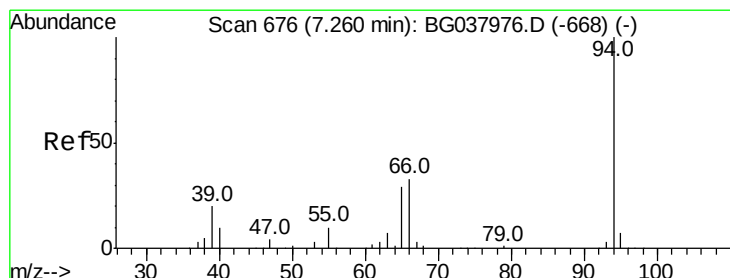
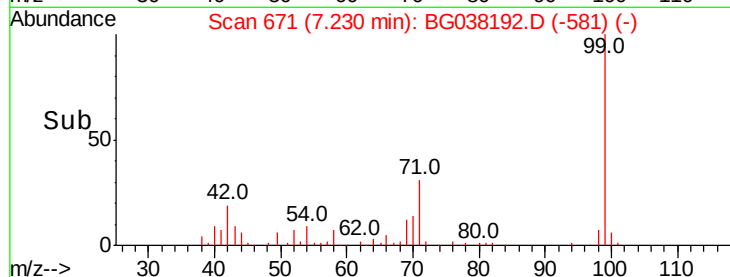
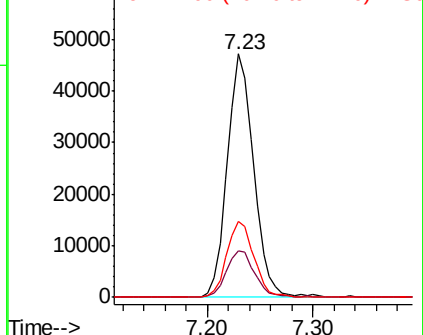
99 100

42 19.2 15.0 22.4

71 31.4 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: 3.031 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038192.D

Acq: 28 Nov 2018 8:46

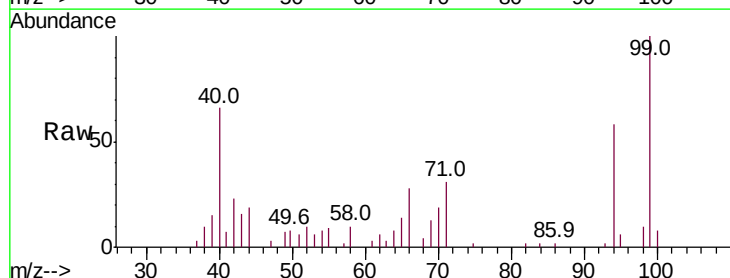
Tgt Ion: 94 Resp: 9230

Ion Ratio Lower Upper

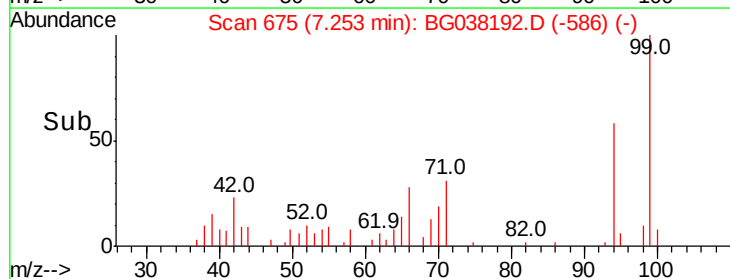
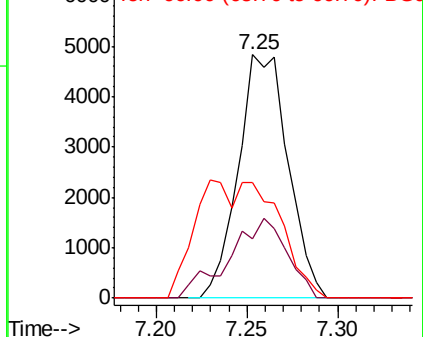
94 100

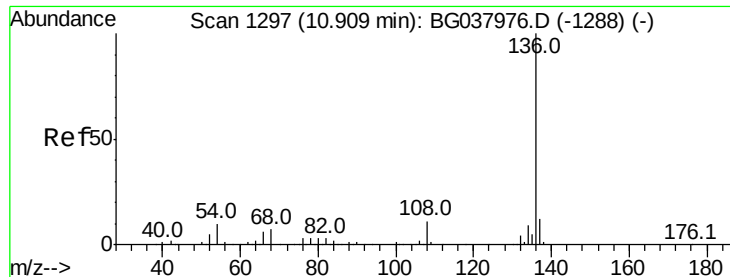
65 24.3 9.7 49.7

66 47.7 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

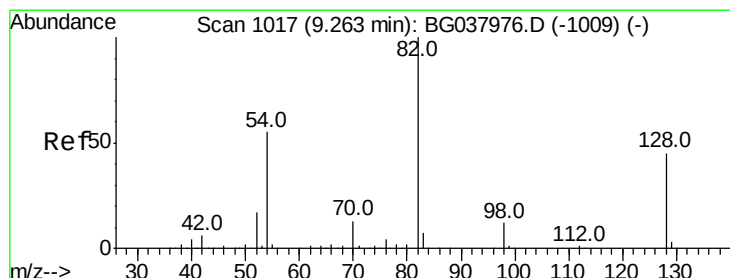
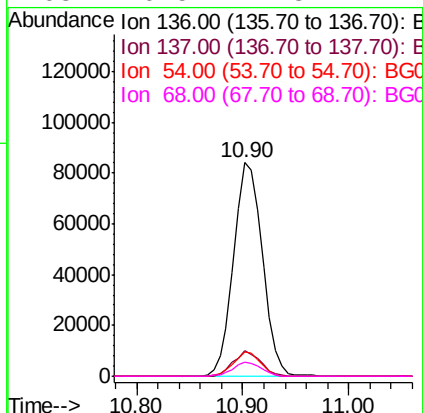
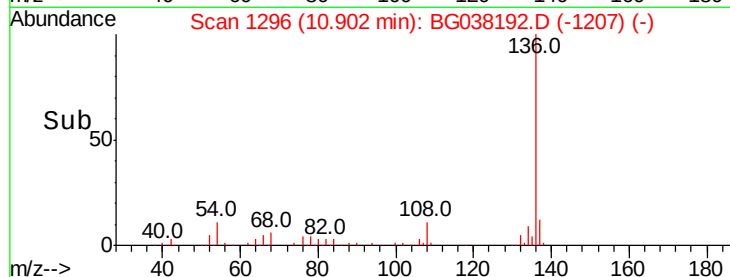
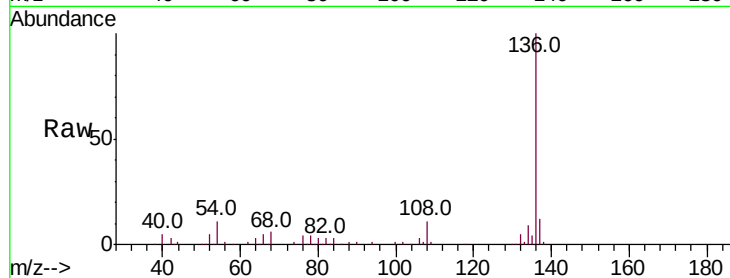




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038192.D
Acq: 28 Nov 2018 8:46

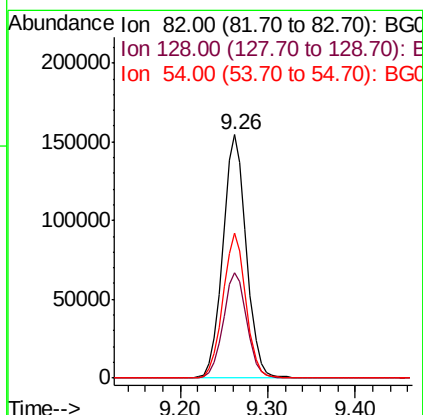
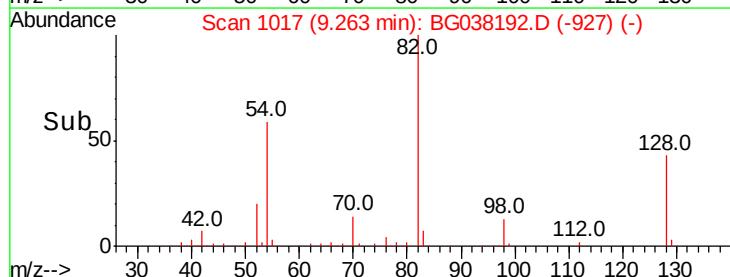
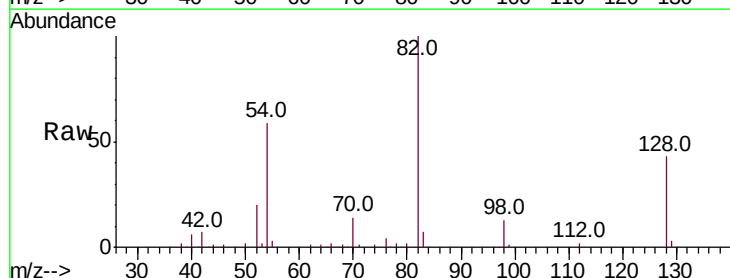
Instrument :
BNA_G
ClientSampleId :
112118-TIPC-E-D-M

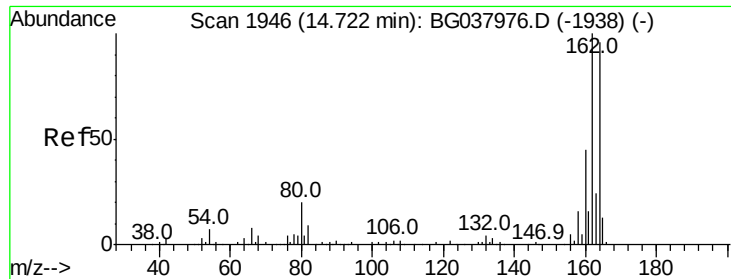
Tot Ion:	136	Resp:	158941
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	11.3	7.9	11.9
68	6.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 95.897 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038192.D
Acq: 28 Nov 2018 8:46

Tgt Ion:	82	Resp:	284735
Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	51.8
54	59.4	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038192.D

Acq: 28 Nov 2018 8:46

Instrument :

BNA_G

ClientSampleId :

112118-TIPC-E-D-M

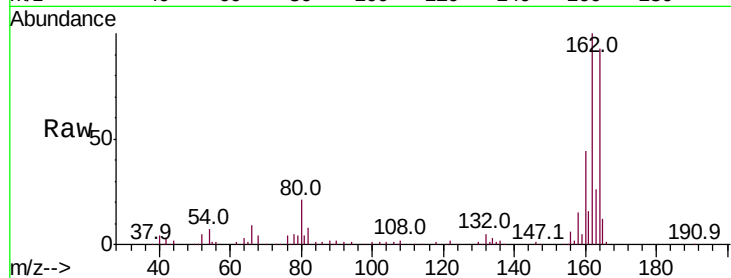
Tot Ion:164 Resp: 99868

Ion Ratio Lower Upper

164 100

162 107.6 81.3 121.9

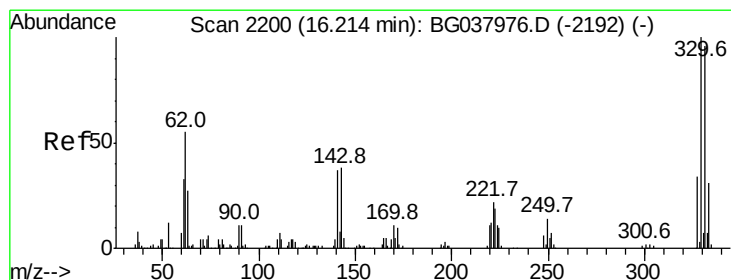
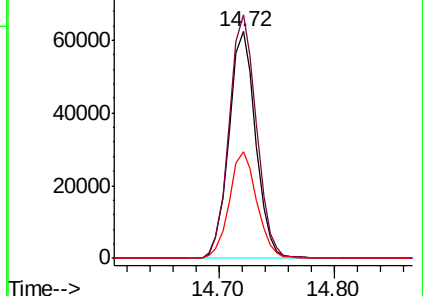
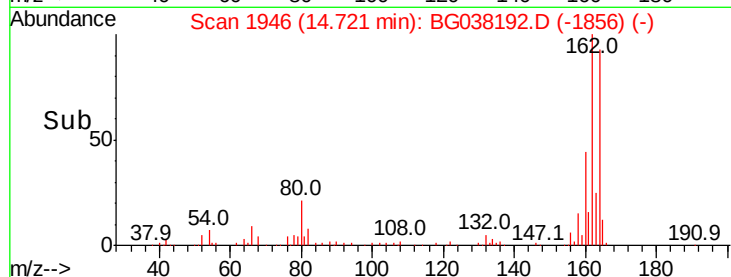
160 47.3 36.3 54.5



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: 87.566 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038192.D

Acq: 28 Nov 2018 8:46

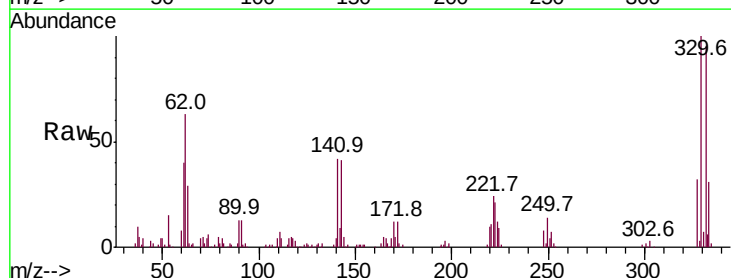
Tgt Ion:330 Resp: 99735

Ion Ratio Lower Upper

330 100

332 95.4 78.4 117.6

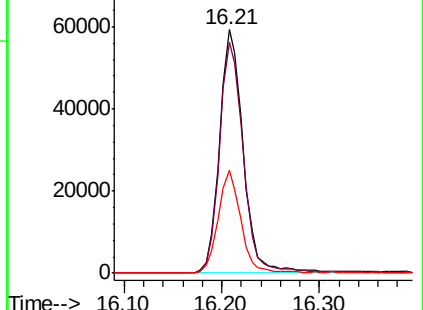
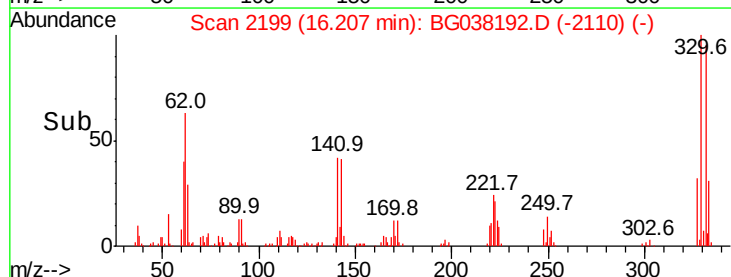
141 40.6 32.2 48.2

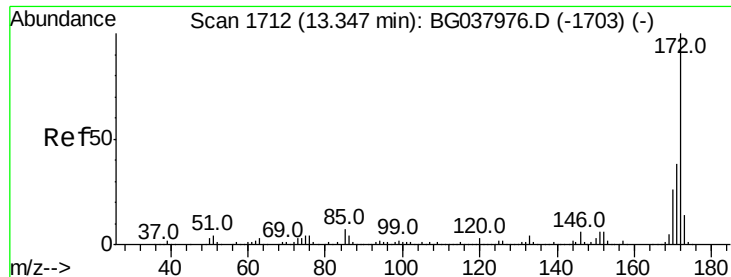


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

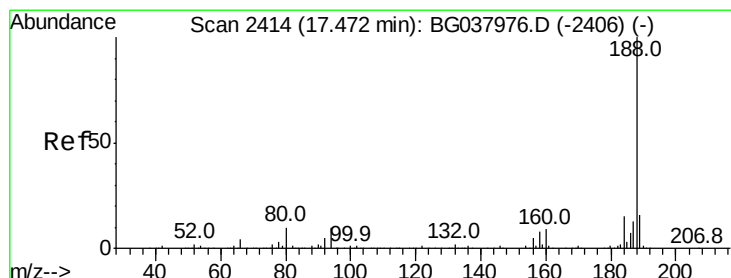
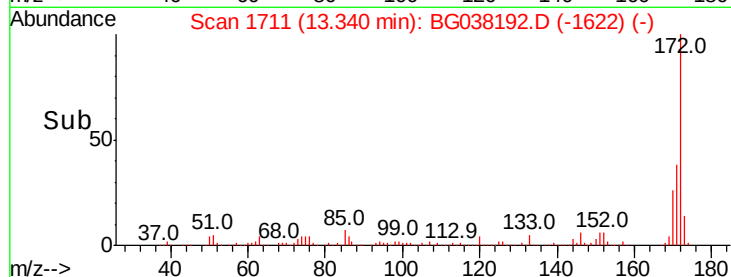
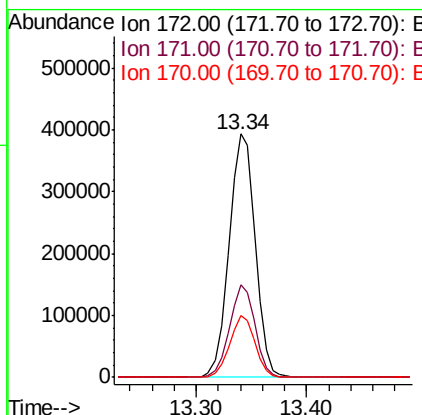
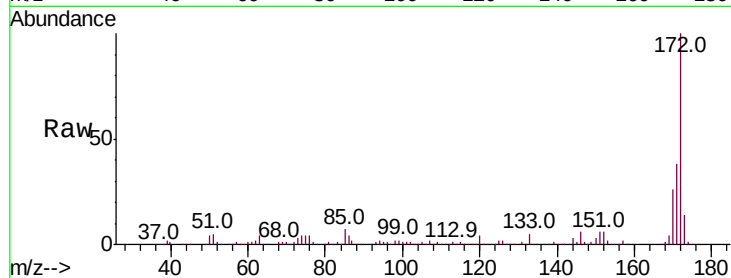




#45
 2-Fluorobiphenyl
 Concen: 95.243 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038192.D
 Acq: 28 Nov 2018 8:46

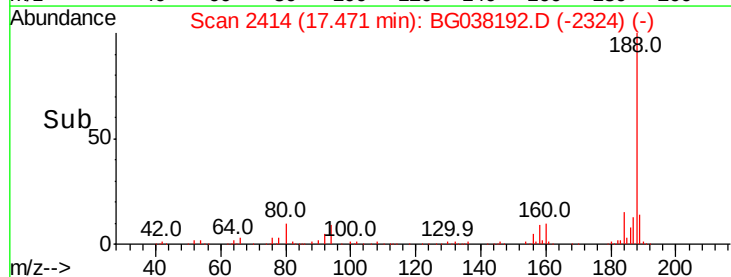
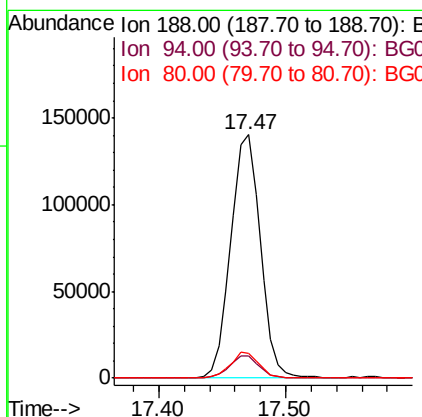
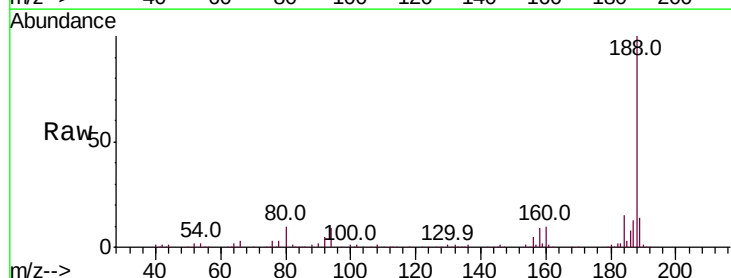
Instrument :
 BNA_G
 ClientSampleId :
 112118-TIPC-E-D-M

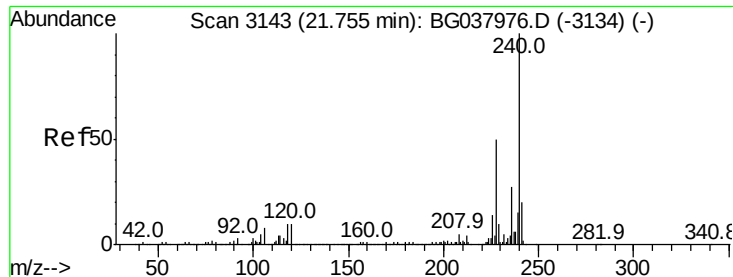
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	25.5	20.2	30.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BG038192.D
 Acq: 28 Nov 2018 8:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	9.9	7.7	11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG038192.D

Acq: 28 Nov 2018 8:46

Instrument :

BNA_G

ClientSampleId :

112118-TIPC-E-D-M

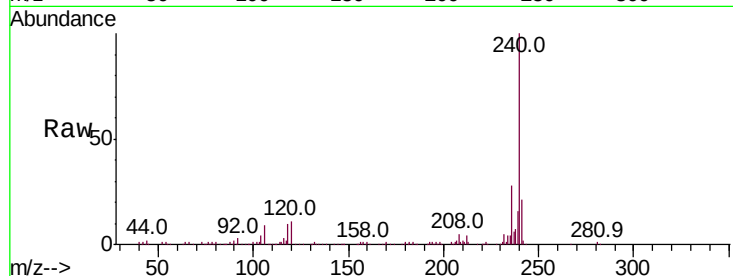
Tot Ion:240 Resp: 217018

Ion Ratio Lower Upper

240 100

120 11.4 8.1 12.1

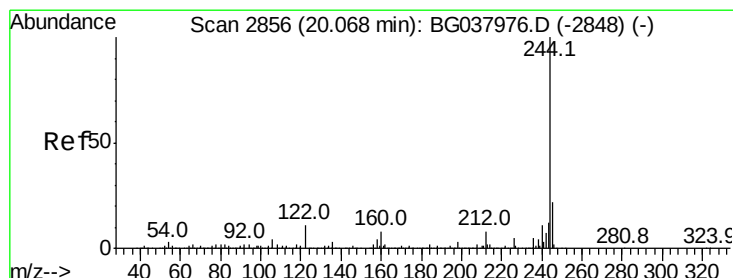
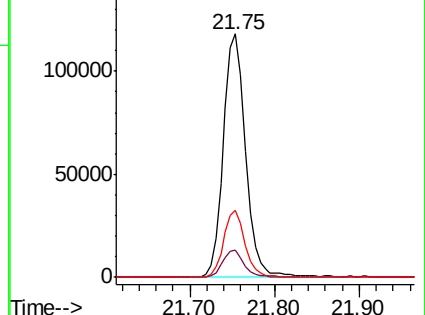
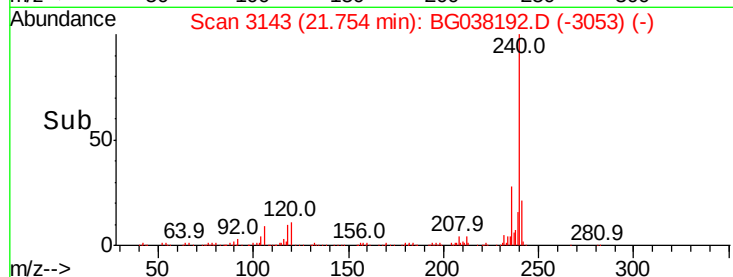
236 27.8 21.4 32.0



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: 104.766 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038192.D

Acq: 28 Nov 2018 8:46

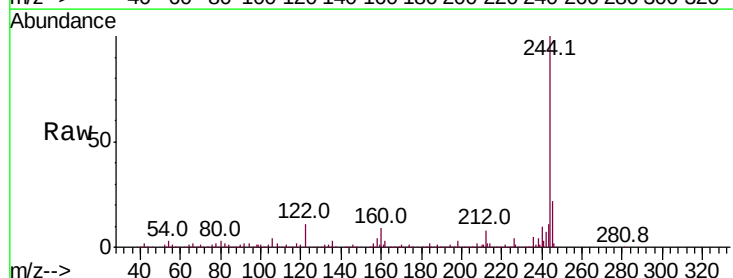
Tgt Ion:244 Resp: 966253

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

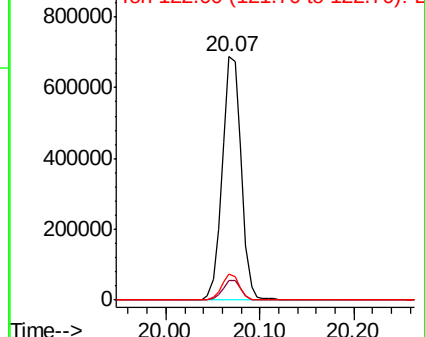
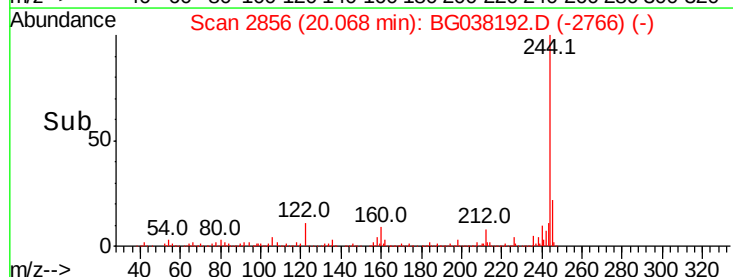
122 10.6 9.0 13.4

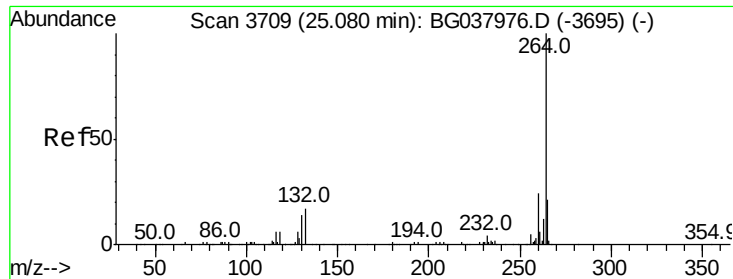


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.08 min Scan# 3709
Delta R.T. -0.00 min
Lab File: BG038192.D
Acq: 28 Nov 2018 8:46

Instrument :
BNA_G
ClientSampleId :
112118-TIPC-E-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	22.8	17.9	26.9

