

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
 Data File : BG038299.D
 Acq On : 1 Dec 2018 22:45
 Operator : JU/SJ
 Sample : J6128-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112718-CHDE-F-U-M

Quant Time: Dec 03 03:20:49 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	8.08	152	29940	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	128924	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	82466	20.00	ng	-0.01
64) Phenanthrene-d10	17.46	188	212433	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	211518	20.00	ng	-0.01
87) Perylene-d12	25.06	264	213735	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	70388	40.59	ng	-0.01
7) Phenol-d6	7.22	99	57024	23.04	ng	0.00
23) Nitrobenzene-d5	9.25	82	220071	91.38	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	93403	99.31	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	506514	89.48	ng	-0.01
79) Terphenyl-d14	20.06	244	850198	94.58	ng	0.00

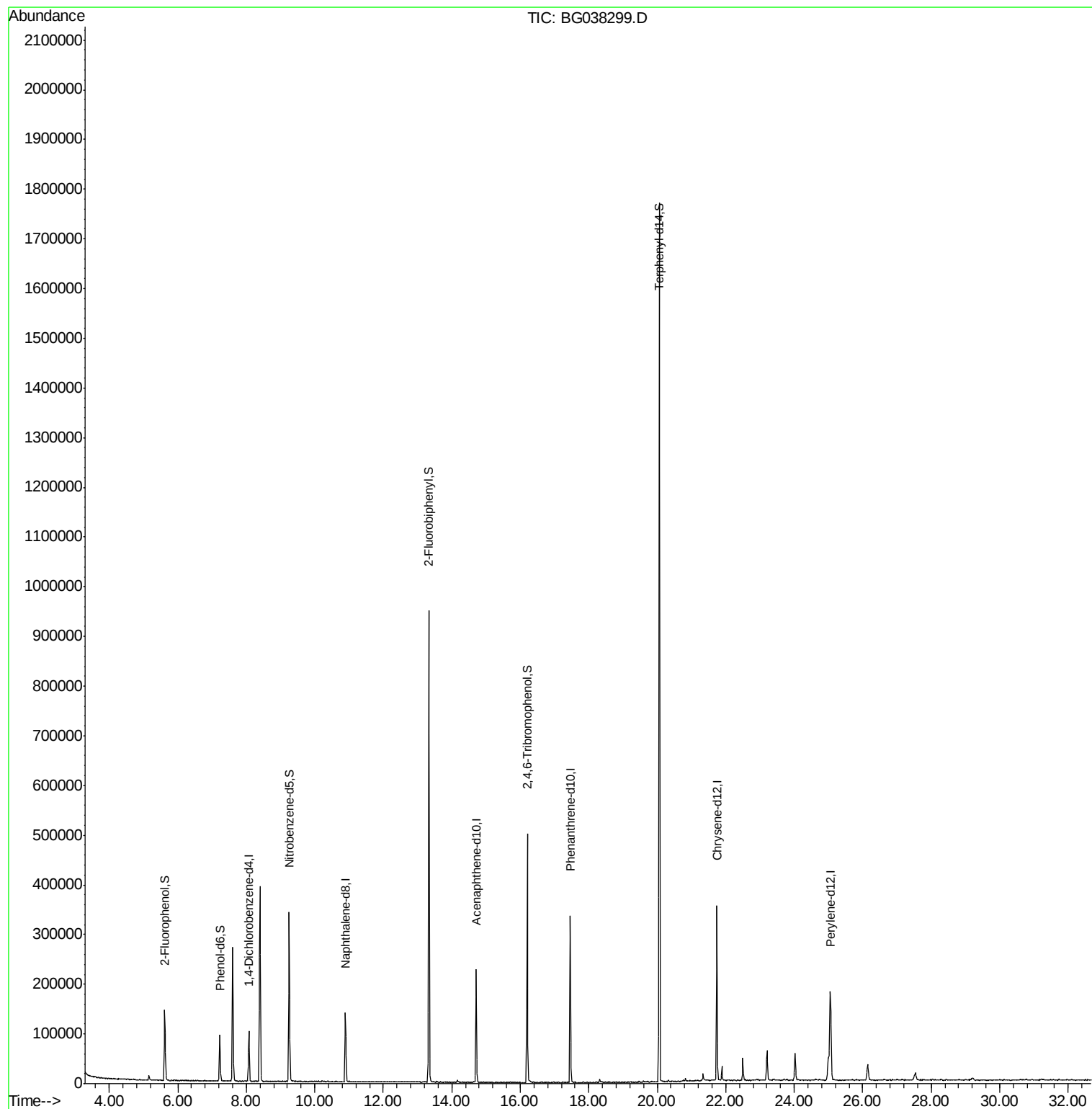
Target Compounds Qvalue

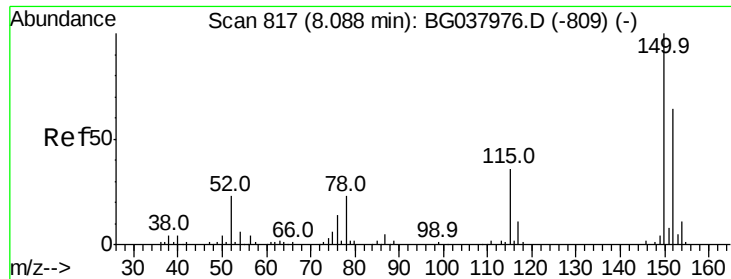
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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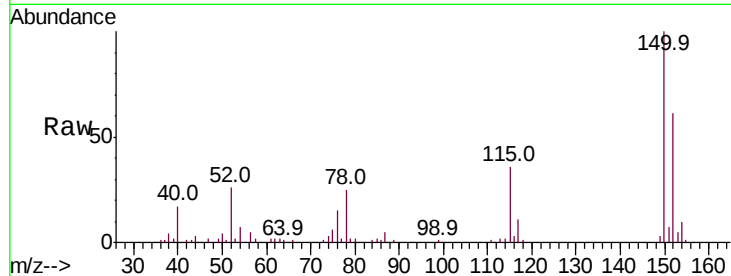


#1

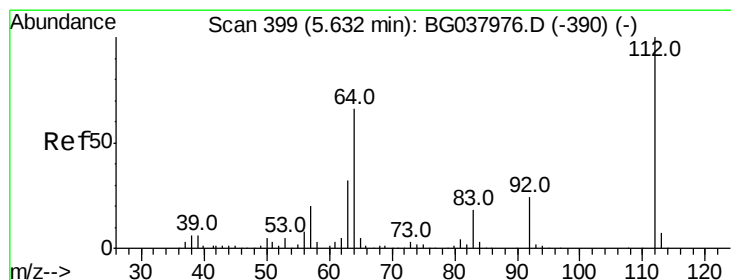
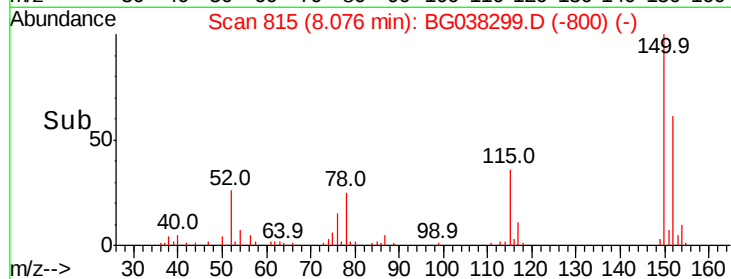
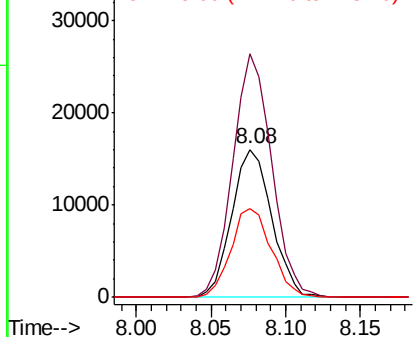
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038299.D
Acq: 1 Dec 2018 22:45

Instrument :
BNA_G
ClientSampleId :
112718-CHDE-F-U-M

Tot Ion:152 Resp: 29940
Ion Ratio Lower Upper
152 100
150 164.8 126.0 189.0
115 59.8 45.5 68.3



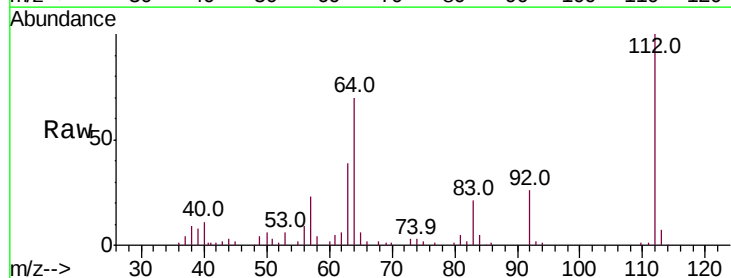
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



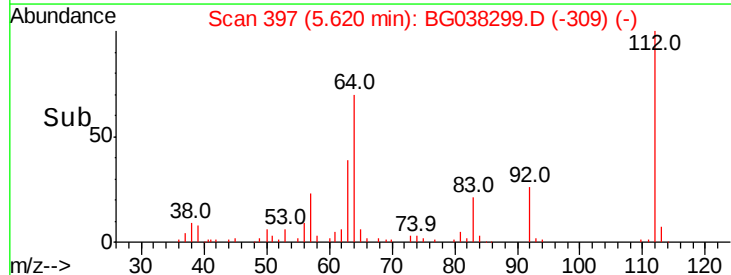
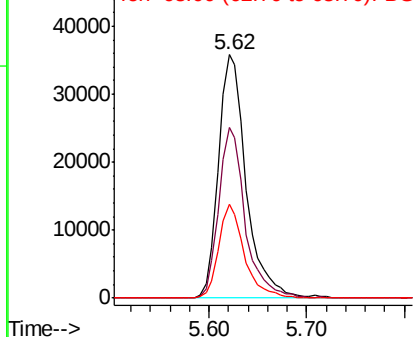
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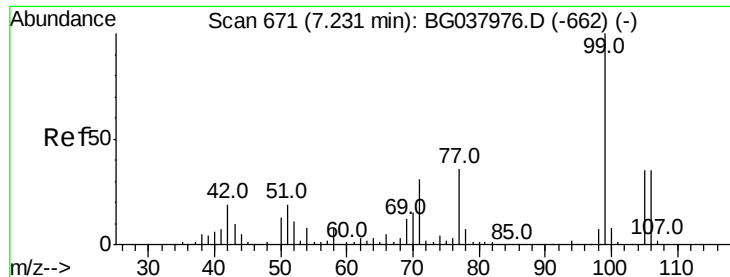
2-Fluorophenol
Concen: 40.591 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG038299.D
Acq: 1 Dec 2018 22:45

Tgt Ion:112 Resp: 70388
Ion Ratio Lower Upper
112 100
64 70.1 53.1 79.7
63 38.7 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: 23.037 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038299.D

Acq: 1 Dec 2018 22:45

Instrument :

BNA_G

ClientSampleId :

112718-CHDE-F-U-M

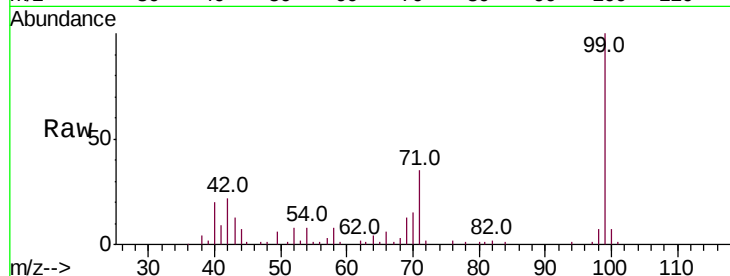
Tot Ion: 99 Resp: 57024

Ion Ratio Lower Upper

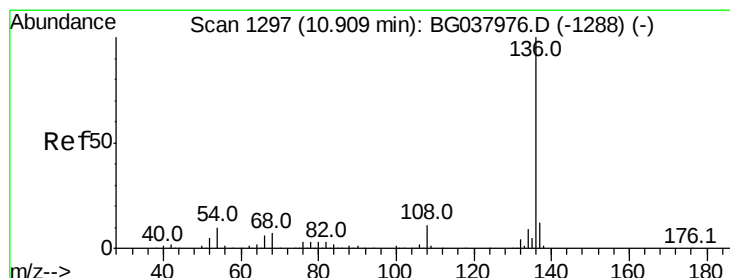
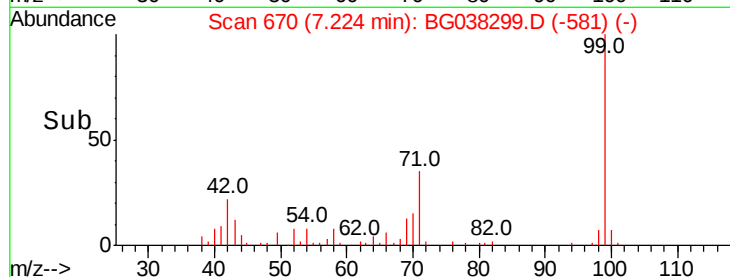
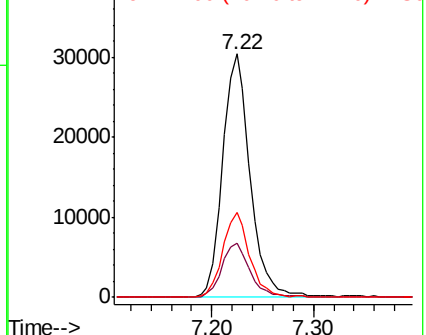
99 100

42 22.4 15.0 22.4

71 35.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG038299.D

Acq: 1 Dec 2018 22:45

Tgt Ion: 136 Resp: 128924

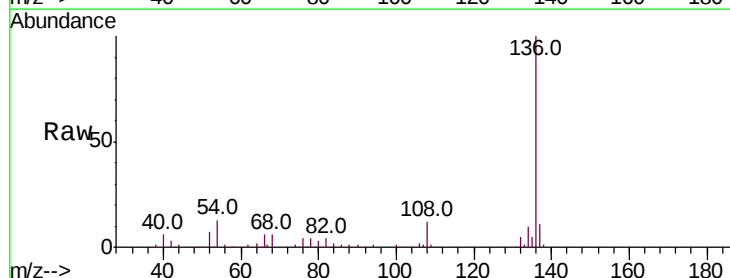
Ion Ratio Lower Upper

136 100

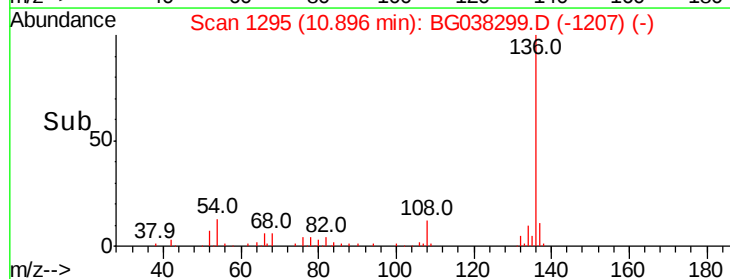
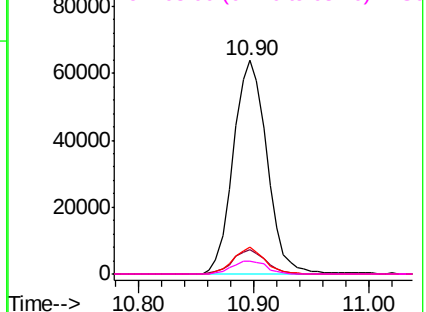
137 11.2 9.6 14.4

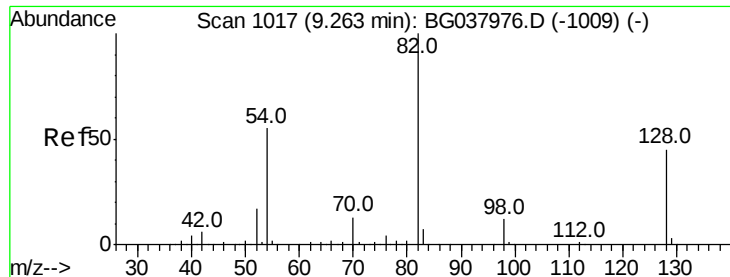
54 12.6 7.9 11.9#

68 6.2 4.8 7.2



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

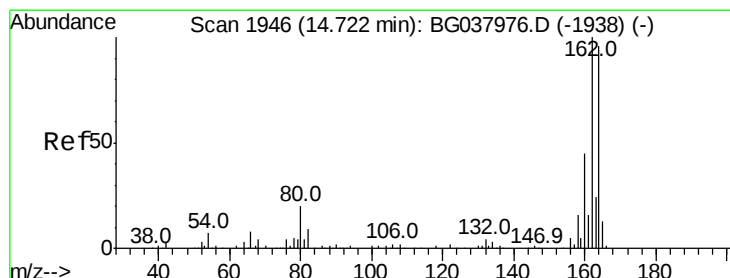
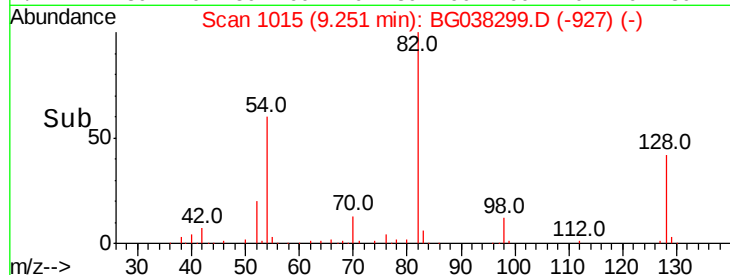
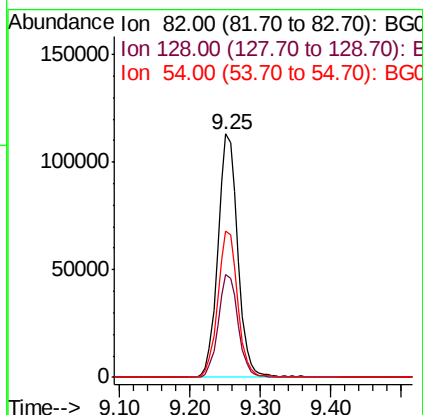
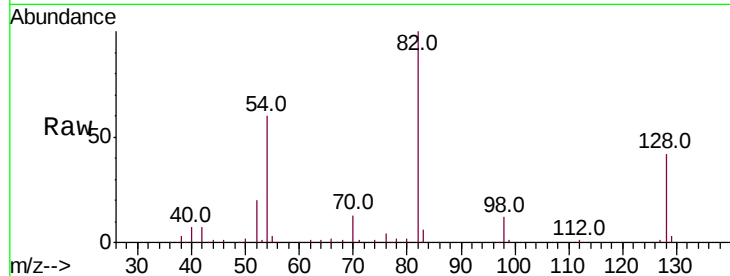




#23
Nitrobenzene-d5
Concen: 91.375 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG038299.D
Acq: 1 Dec 2018 22:45

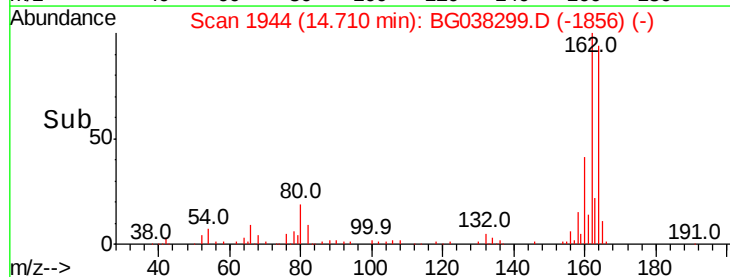
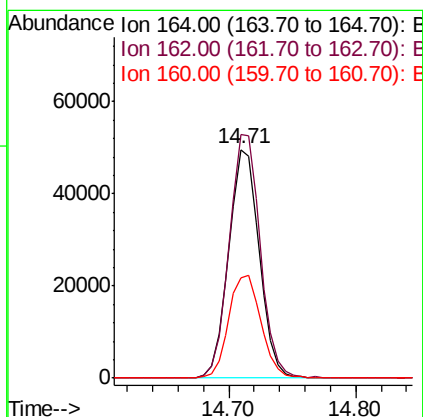
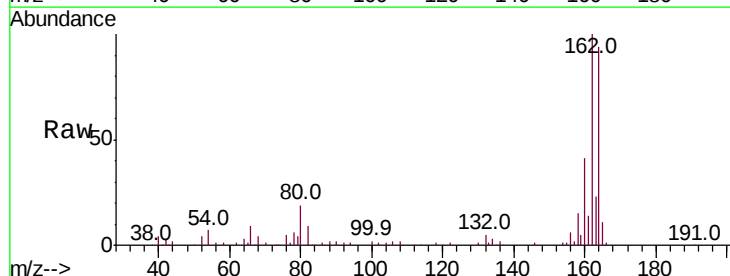
Instrument :
BNA_G
ClientSampleId :
112718-CHDE-F-U-M

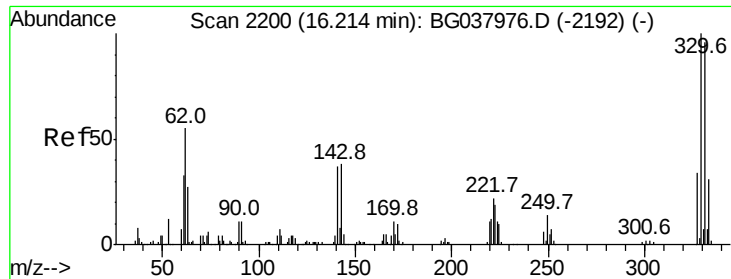
Tot Ion: 82 Resp: 220071
Ion Ratio Lower Upper
82 100
128 42.2 34.6 51.8
54 60.2 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG038299.D
Acq: 1 Dec 2018 22:45

Tgt Ion:164 Resp: 82466
Ion Ratio Lower Upper
164 100
162 106.6 81.3 121.9
160 44.2 36.3 54.5

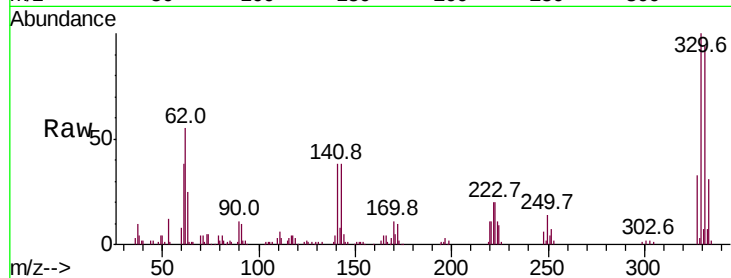




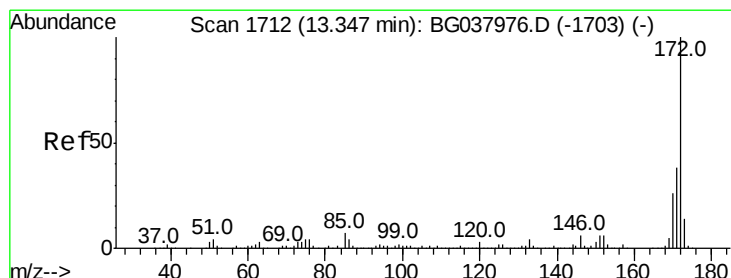
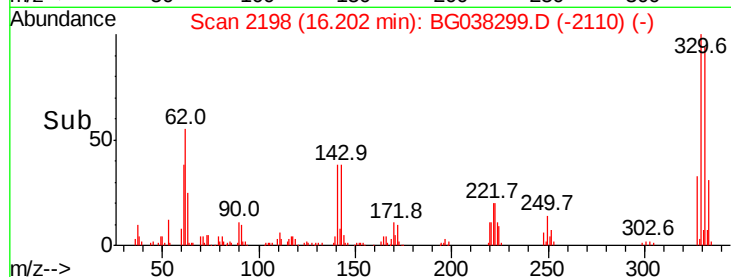
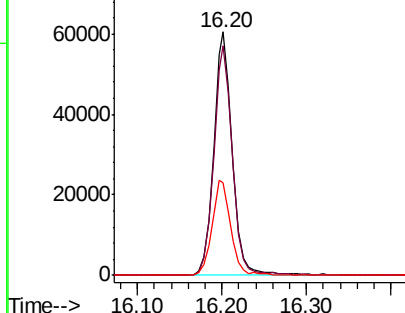
#42
 2,4,6-Tribromophenol
 Concen: 99.312 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG038299.D
 Acq: 1 Dec 2018 22:45

Instrument :
 BNA_G
 ClientSampleId :
 112718-CHDE-F-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	78.4	117.6
141	39.1	32.2	48.2

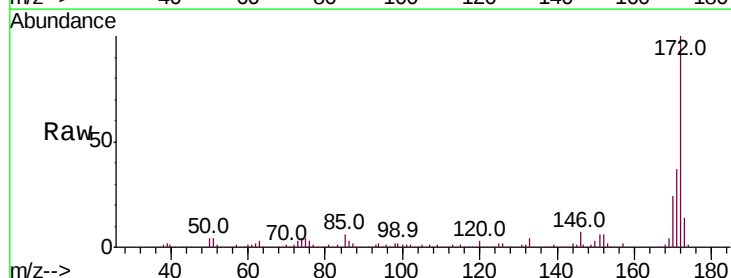


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

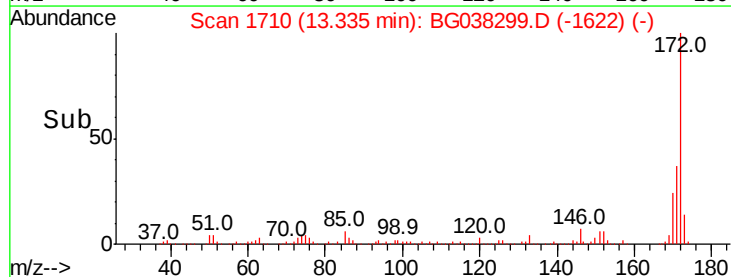
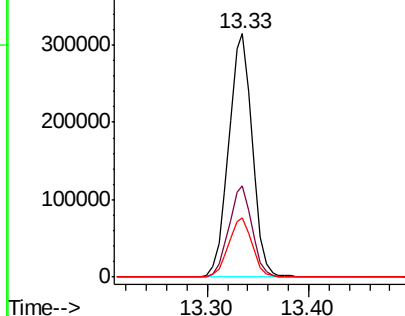


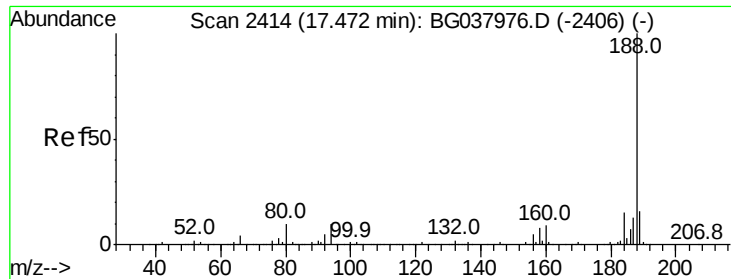
#45
 2-Fluorobiphenyl
 Concen: 89.481 ng
 RT: 13.33 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038299.D
 Acq: 1 Dec 2018 22:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.0	46.4
170	24.5	20.2	30.2



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

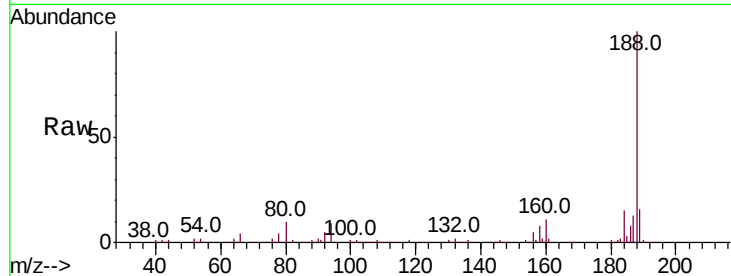




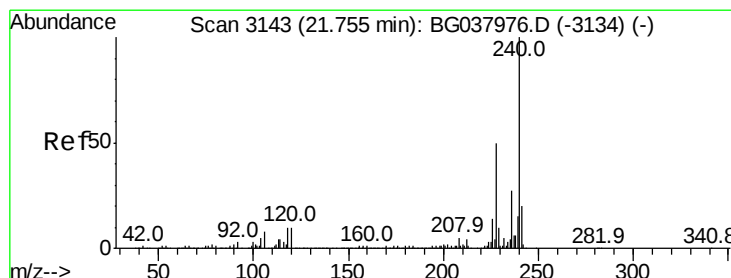
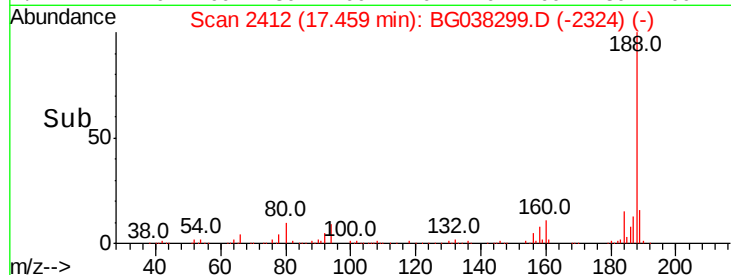
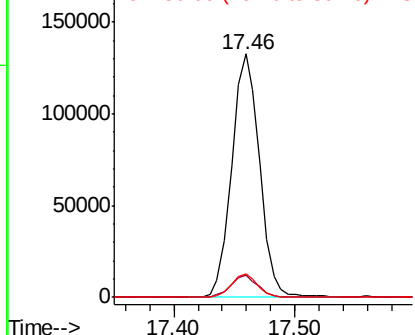
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG038299.D
Acq: 1 Dec 2018 22:45

Instrument :
BNA_G
ClientSampleId :
112718-CHDE-F-U-M

Tot Ion:188 Resp: 212433
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 9.7 7.7 11.5

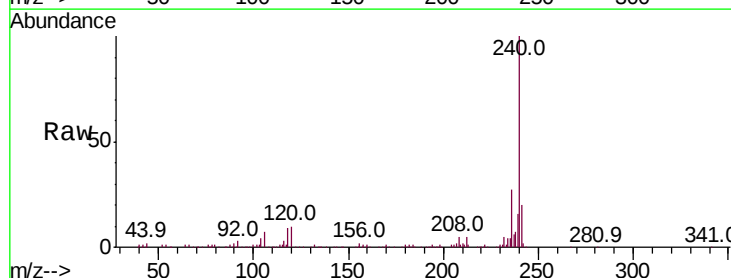


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

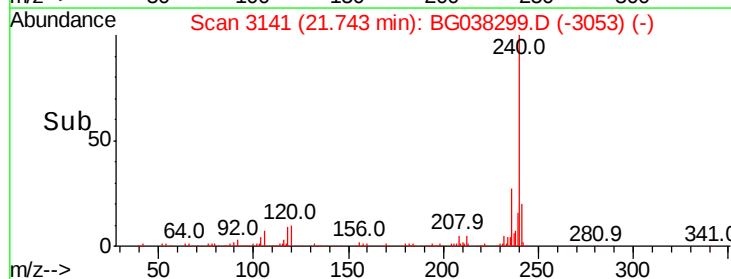
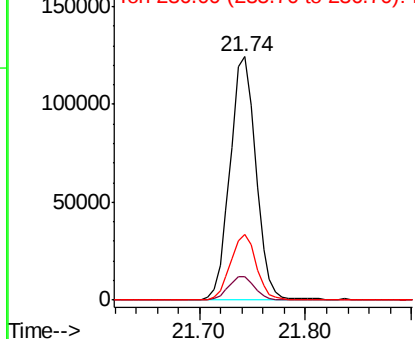


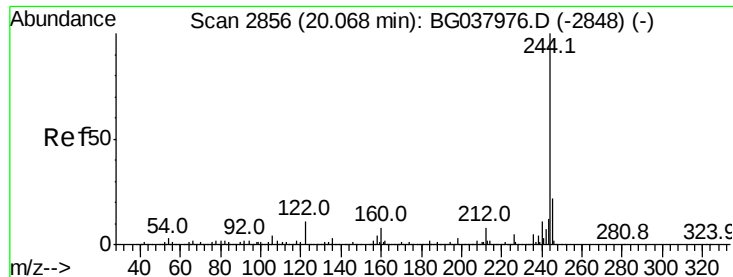
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038299.D
Acq: 1 Dec 2018 22:45

Tgt Ion:240 Resp: 211518
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 26.8 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: 94.579 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038299.D

Acq: 1 Dec 2018 22:45

Instrument :

BNA_G

ClientSampleId :

112718-CHDE-F-U-M

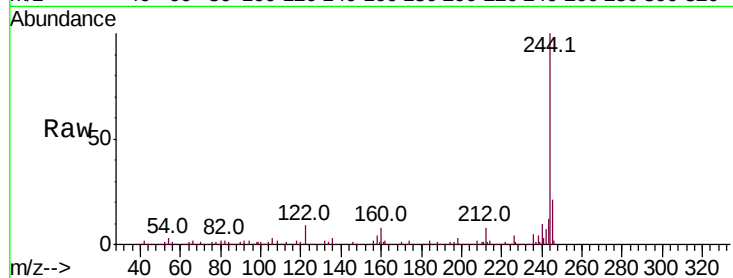
Tot Ion:244 Resp: 850198

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

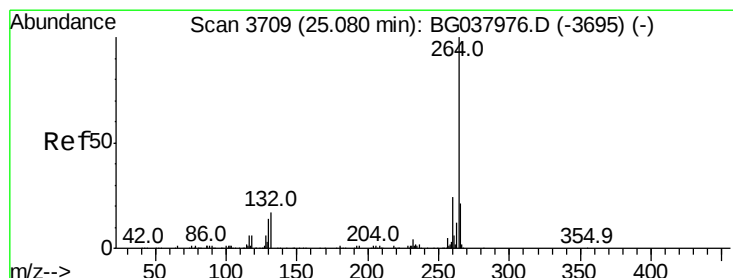
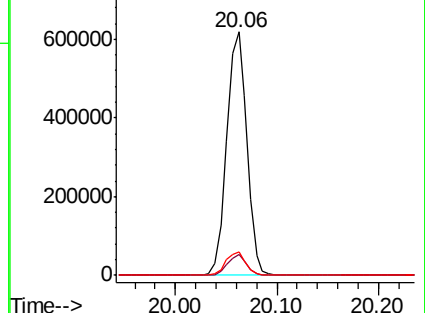
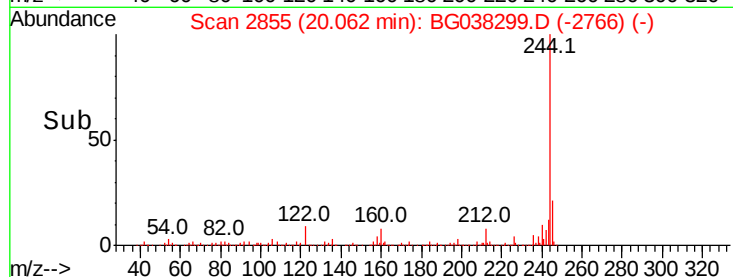
122 9.4 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.02 min

Lab File: BG038299.D

Acq: 1 Dec 2018 22:45

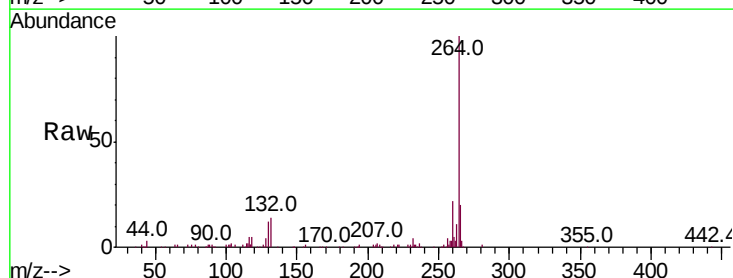
Tgt Ion:264 Resp: 213735

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.4

265 20.4 17.9 26.9



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

