

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
 Data File : BG038297.D
 Acq On : 1 Dec 2018 21:25
 Operator : JU/SJ
 Sample : J6128-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112718-CHDE-F-D-S

Quant Time: Dec 03 03:13:11 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	28801	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	126026	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	84065	20.00	ng	-0.01
64) Phenanthrene-d10	17.46	188	209682	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	201152	20.00	ng	-0.01
87) Perylene-d12	25.05	264	205711	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	73222	43.90	ng	-0.01
7) Phenol-d6	7.22	99	63382	26.62	ng	-0.01
23) Nitrobenzene-d5	9.25	82	222111	94.34	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	89759	93.62	ng	-0.01
45) 2-Fluorobiphenyl	13.34	172	521677	90.41	ng	-0.01
79) Terphenyl-d14	20.06	244	867934	101.53	ng	0.00

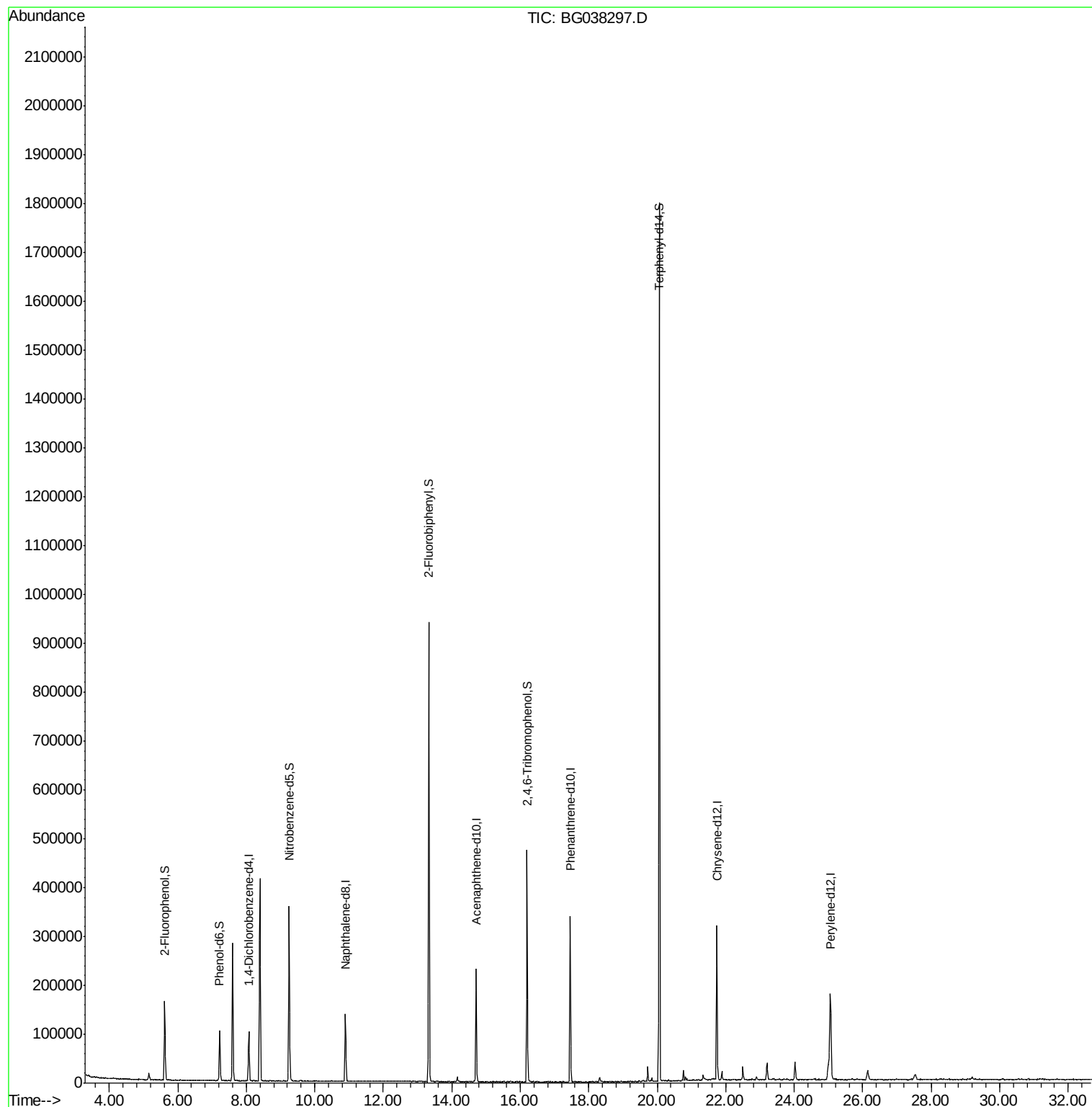
Target Compounds Qvalue

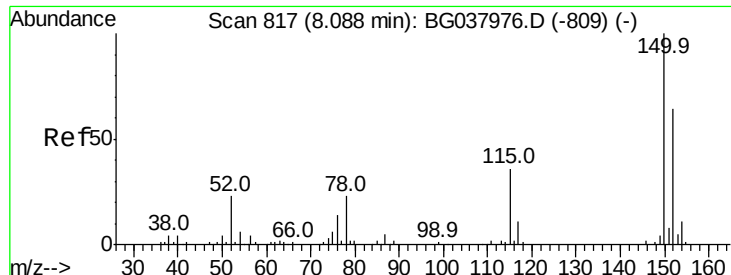
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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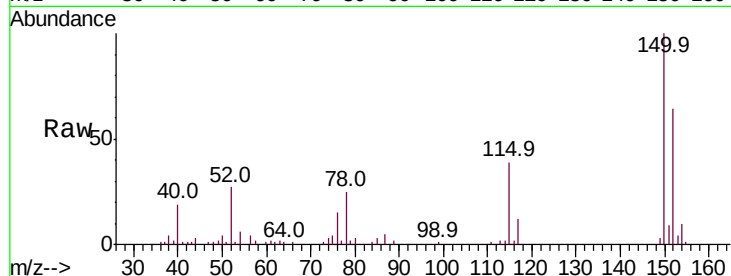


#1

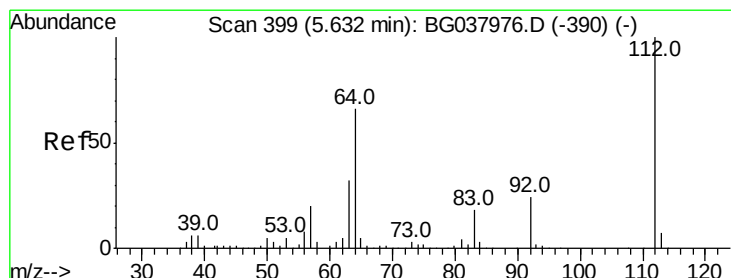
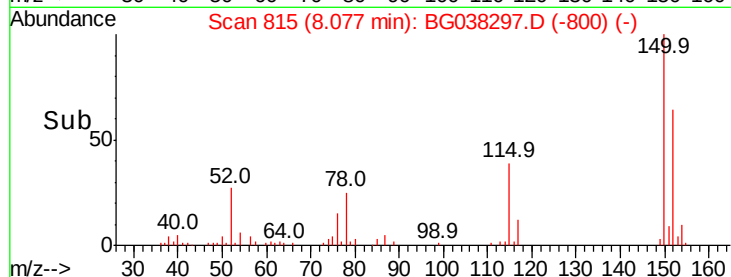
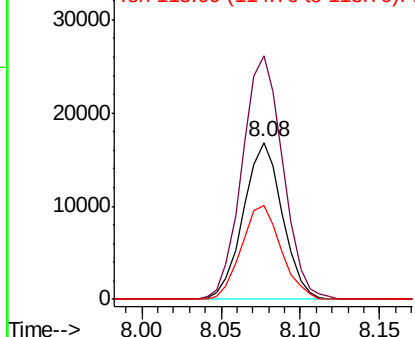
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038297.D
Acq: 1 Dec 2018 21:25

Instrument :
BNA_G
ClientSampleId :
112718-CHDE-F-D-S

Tot Ion:152 Resp: 28801
Ion Ratio Lower Upper
152 100
150 155.2 126.0 189.0
115 60.2 45.5 68.3



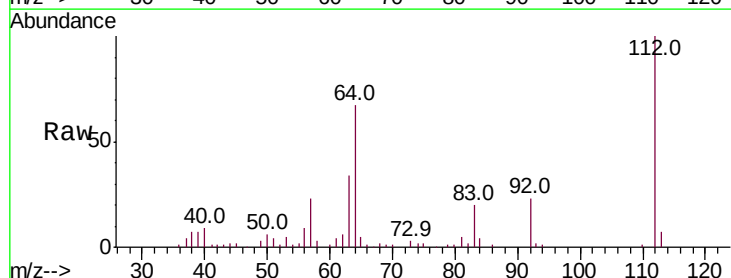
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



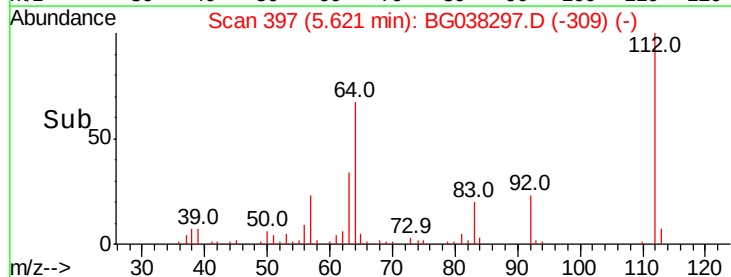
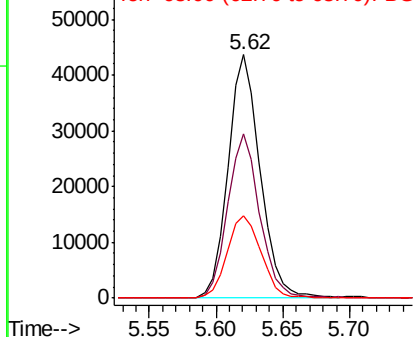
#5

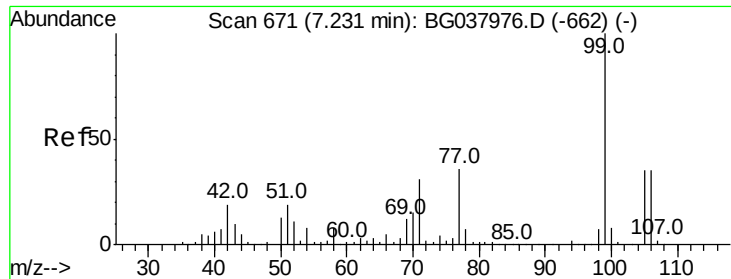
2-Fluorophenol
Concen: 43.895 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG038297.D
Acq: 1 Dec 2018 21:25

Tgt Ion:112 Resp: 73222
Ion Ratio Lower Upper
112 100
64 67.3 53.1 79.7
63 33.8 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: 26.618 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038297.D

Acq: 1 Dec 2018 21:25

Instrument :

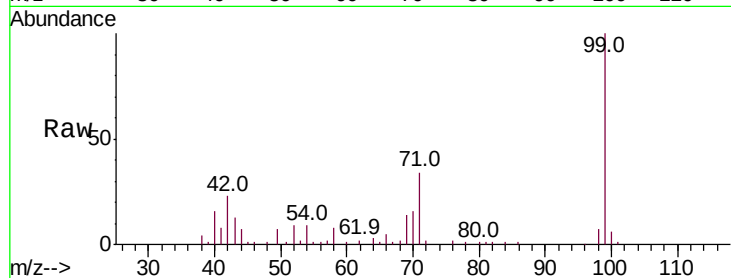
BNA_G

ClientSampleId :

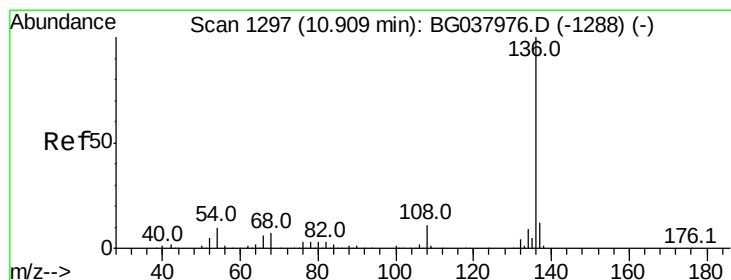
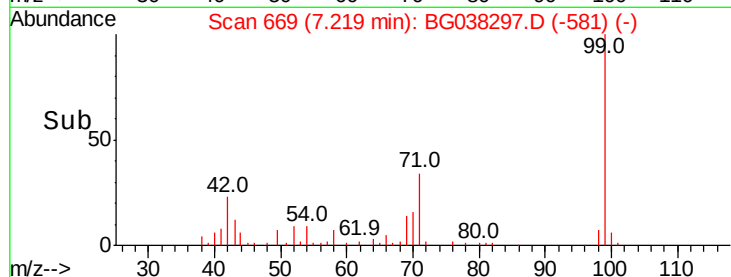
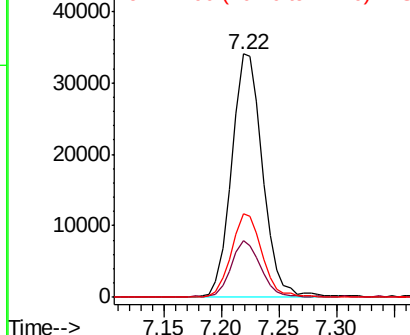
112718-CHDE-F-D-S

Tot Ion: 99 Resp: 63382

Ion	Ratio	Lower	Upper
99	100		
42	23.1	15.0	22.4#
71	34.3	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

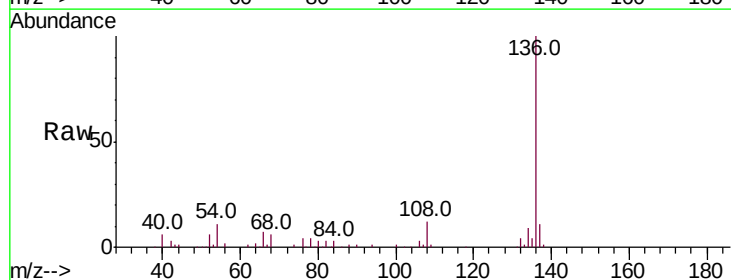
Delta R.T. -0.01 min

Lab File: BG038297.D

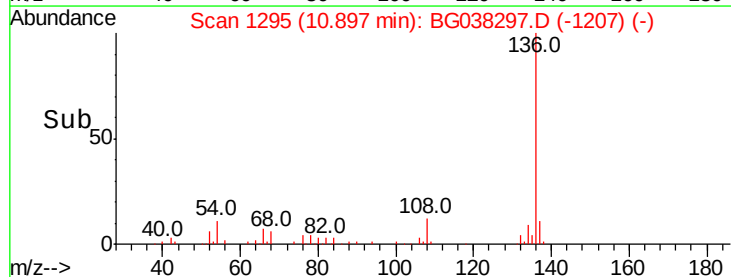
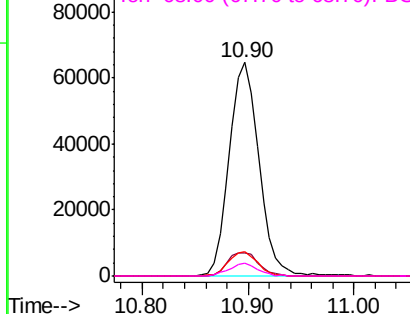
Acq: 1 Dec 2018 21:25

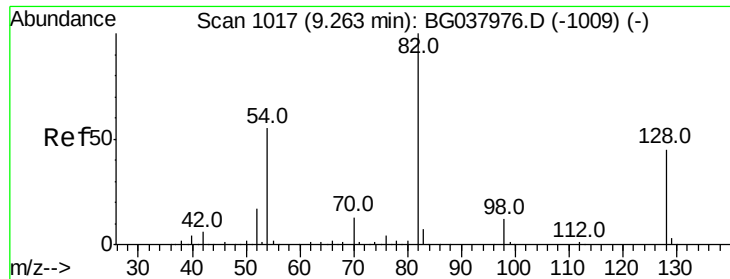
Tgt Ion: 136 Resp: 126026

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	11.5	7.9	11.9
68	5.8	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): BGC
Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 94.343 ng

RT: 9.25 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BG038297.D

Acq: 1 Dec 2018 21:25

Instrument :

BNA_G

ClientSampleId :

112718-CHDE-F-D-S

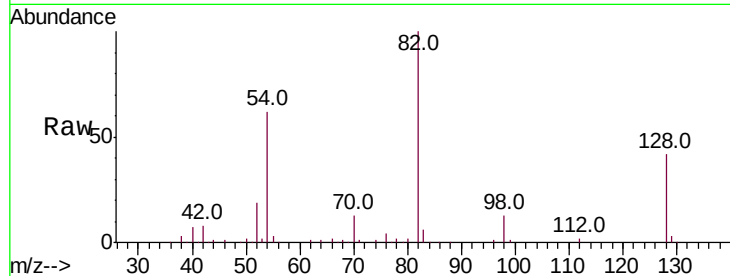
Tot Ion: 82 Resp: 222111

Ion Ratio Lower Upper

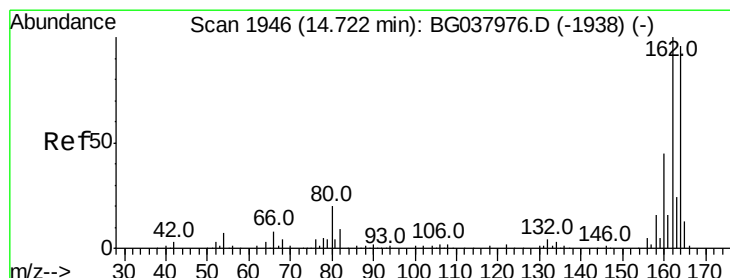
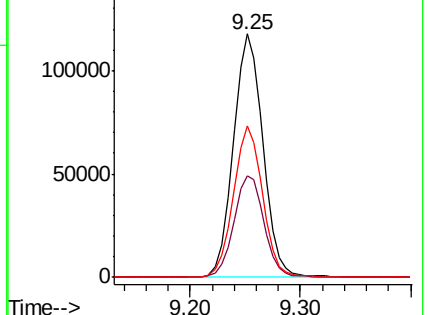
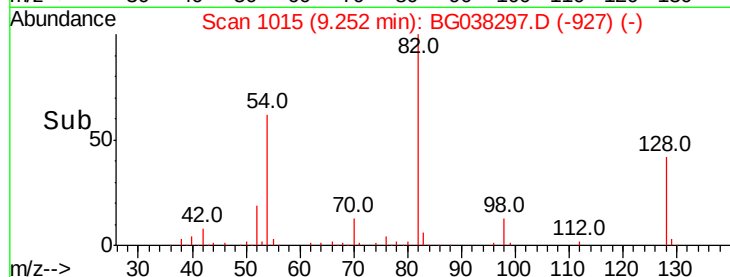
82 100

128 41.8 34.6 51.8

54 62.5 45.3 67.9



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG038297.D

Acq: 1 Dec 2018 21:25

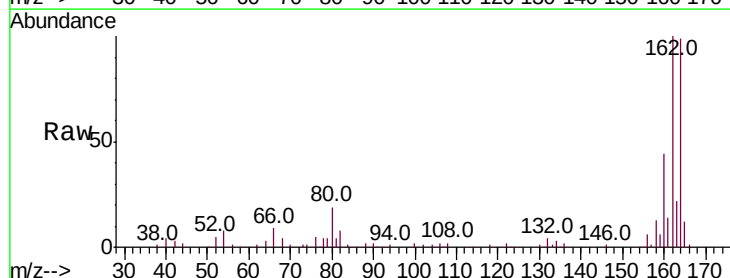
Tgt Ion: 164 Resp: 84065

Ion Ratio Lower Upper

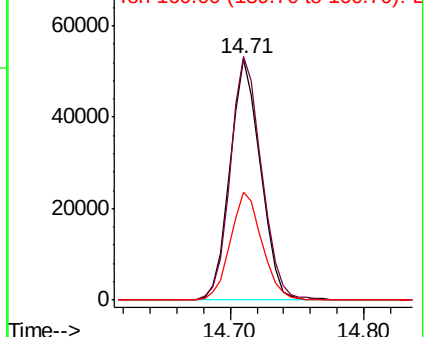
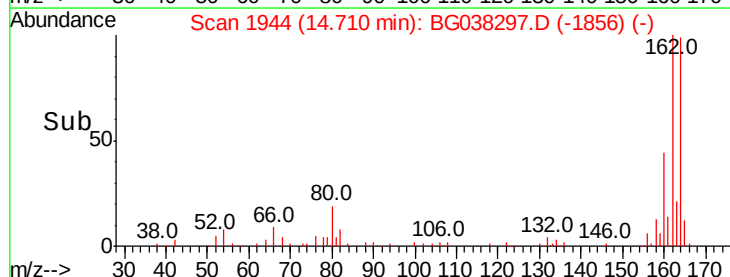
164 100

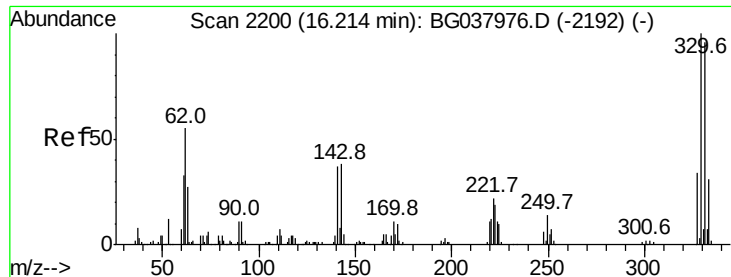
162 100.9 81.3 121.9

160 44.8 36.3 54.5



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

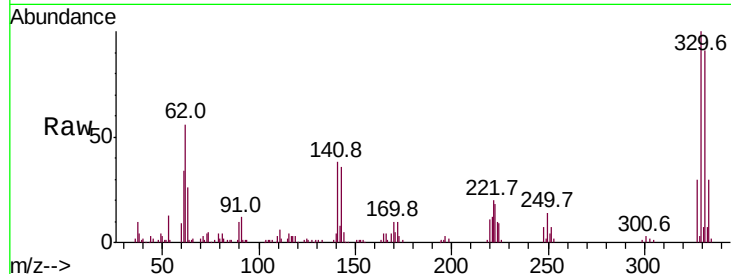




#42
 2,4,6-Tribromophenol
 Concen: 93.622 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG038297.D
 Acq: 1 Dec 2018 21:25

Instrument :
 BNA_G
 ClientSampleId :
 112718-CHDE-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	78.4	117.6
141	40.9	32.2	48.2

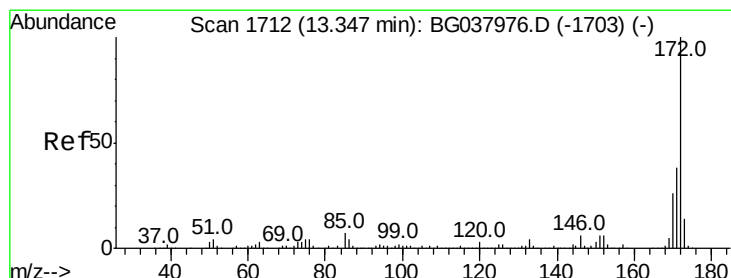
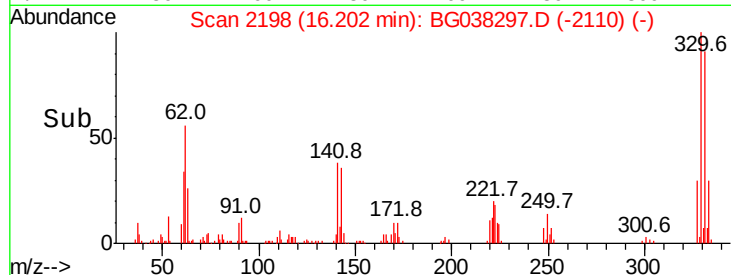
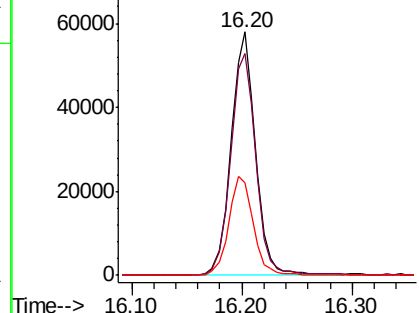


Abundance

Ion 329.80 (329.50 to 330.50): E

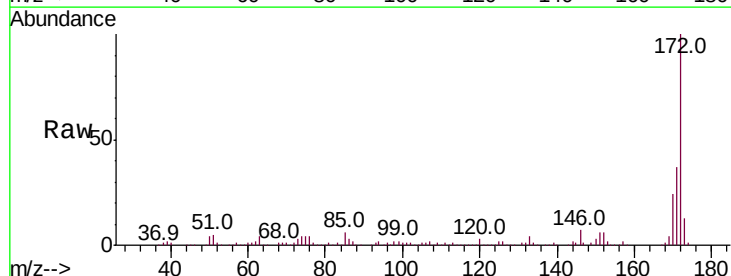
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.407 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038297.D
 Acq: 1 Dec 2018 21:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.0	46.4
170	24.3	20.2	30.2

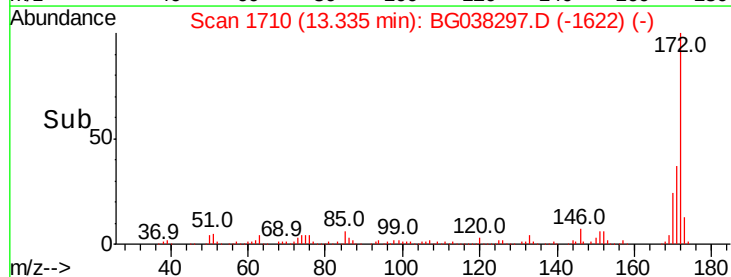
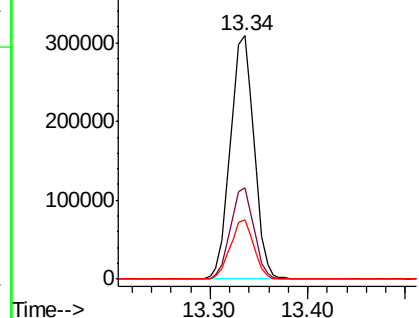


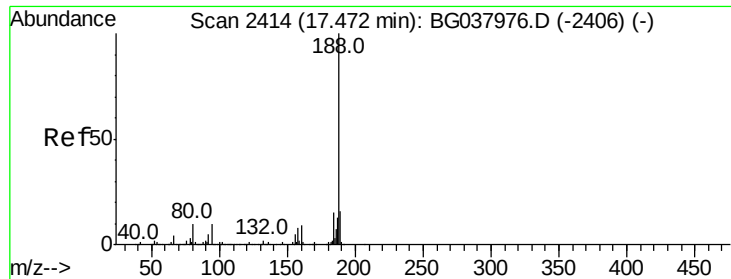
Abundance

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

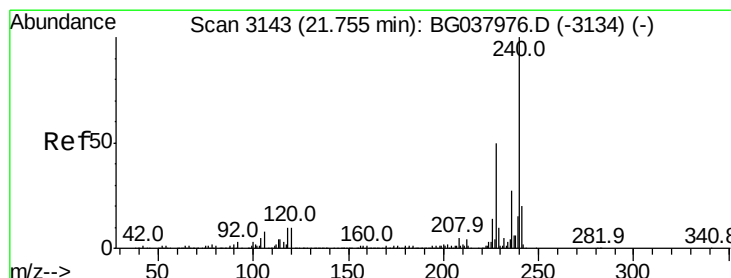
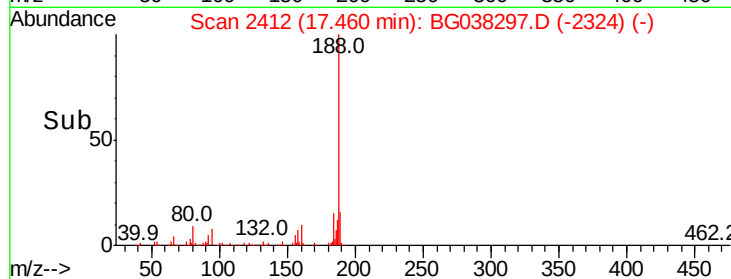
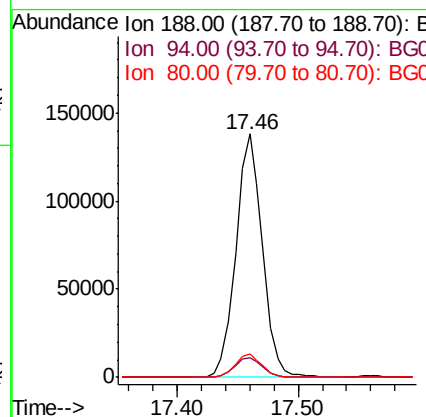
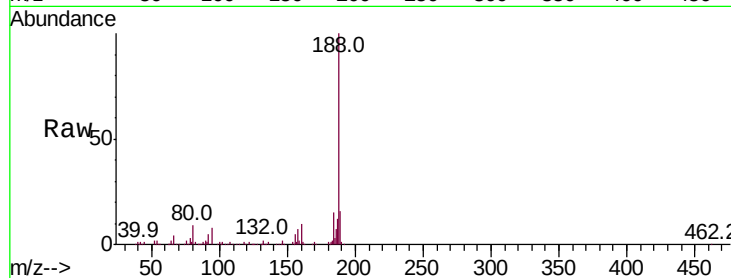




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG038297.D
Acq: 1 Dec 2018 21:25

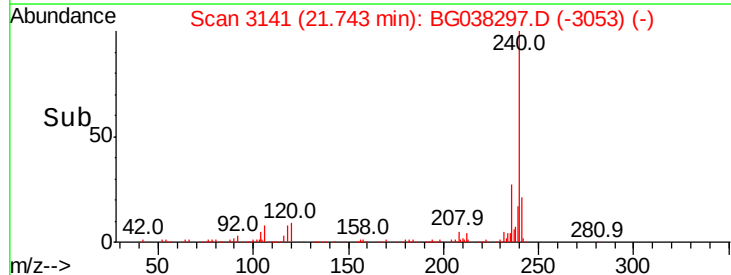
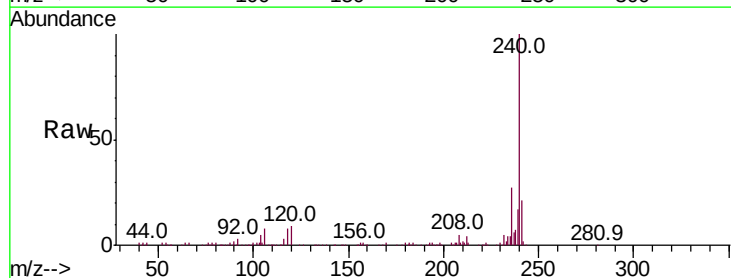
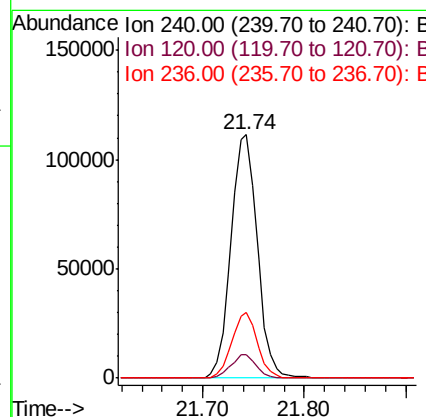
Instrument :
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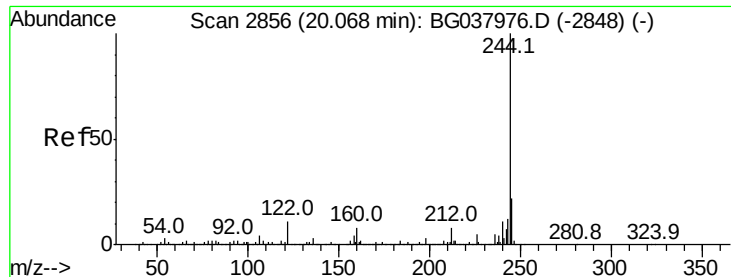
Tot Ion:188 Resp: 209682
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 9.4 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038297.D
Acq: 1 Dec 2018 21:25

Tgt Ion:240 Resp: 201152
Ion Ratio Lower Upper
240 100
120 9.5 8.1 12.1
236 27.2 21.4 32.0





#79

Terphenyl-d14

Concen: 101.528 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038297.D

Acq: 1 Dec 2018 21:25

Instrument :

BNA_G

ClientSampleId :

112718-CHDE-F-D-S

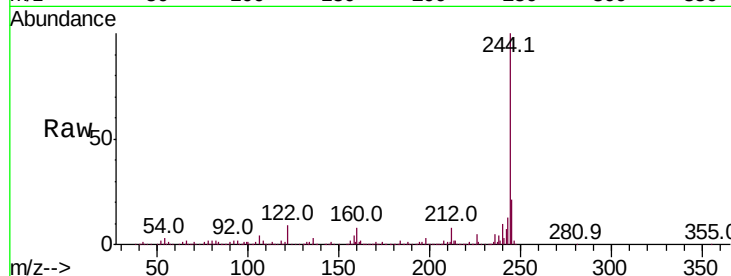
Tot Ion:244 Resp: 867934

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

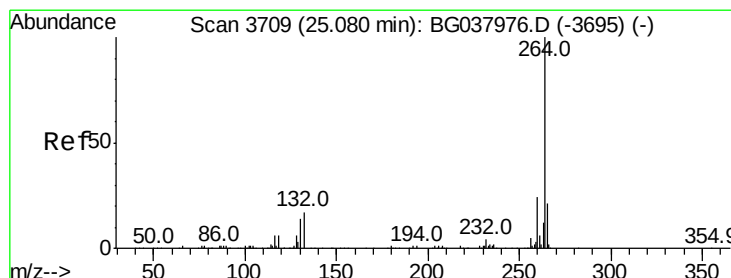
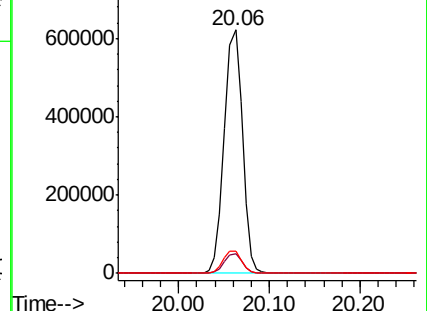
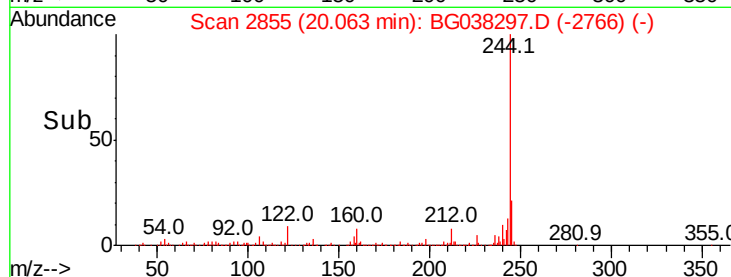
122 9.2 9.0 13.4



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: 25.05 min Scan# 3704

Delta R.T. -0.03 min

Lab File: BG038297.D

Acq: 1 Dec 2018 21:25

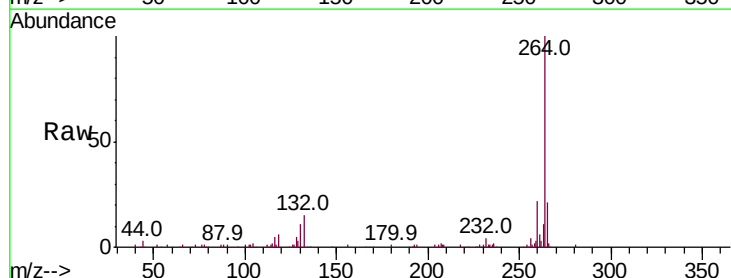
Tgt Ion:264 Resp: 205711

Ion Ratio Lower Upper

264 100

260 22.1 18.2 27.4

265 21.3 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

