

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
 Data File : BG038380.D
 Acq On : 6 Dec 2018 12:12
 Operator : JU/SJ
 Sample : PB115213TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115213TB

Quant Time: Dec 06 14:30:54 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	24509	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	90184	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	61525	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	217003	20.00	ng	0.00
76) Chrysene-d12	21.73	240	168971	20.00	ng	0.00
87) Perylene-d12	25.04	264	204011	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	151235	109.20	ng	0.00
7) Phenol-d6	7.22	99	196777	98.30	ng	0.00
23) Nitrobenzene-d5	9.25	82	127929	70.43	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	84296	111.61	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	298403	69.11	ng	0.00
79) Terphenyl-d14	20.05	244	613528	77.78	ng	0.00

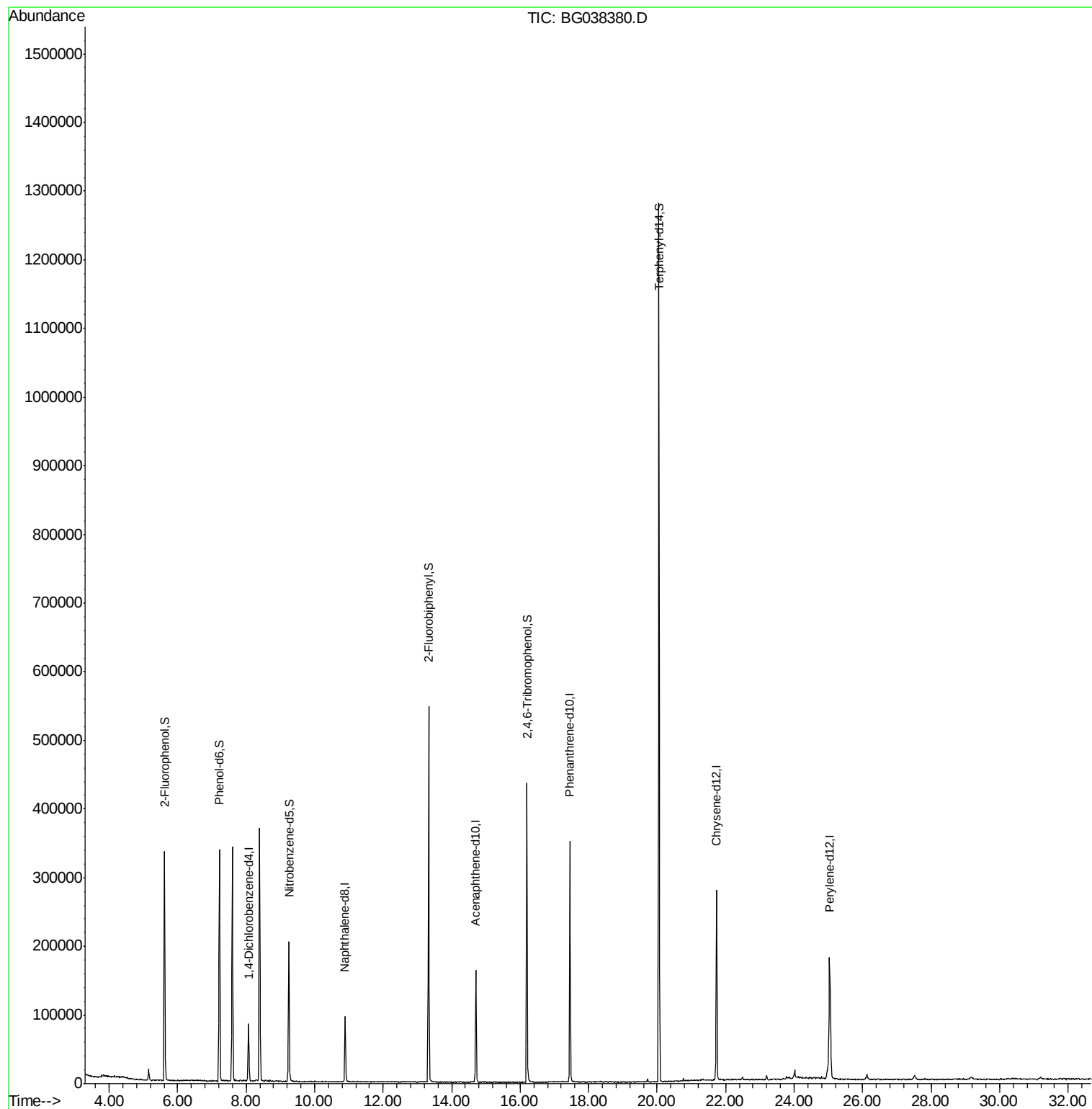
Target Compounds Qvalue

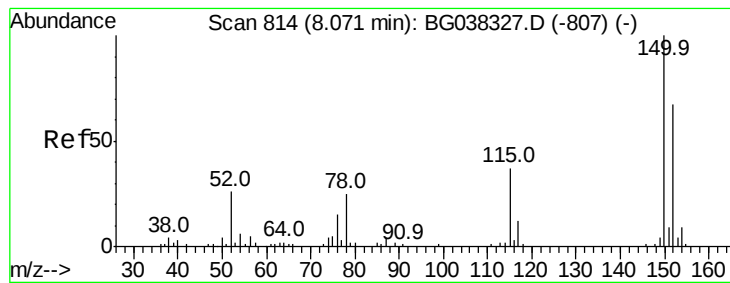
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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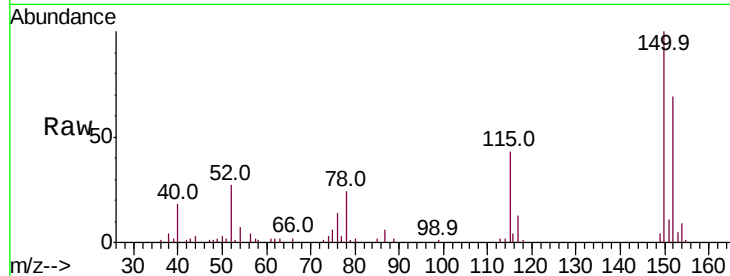


#1

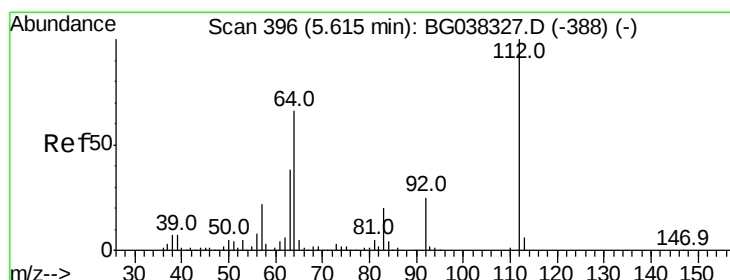
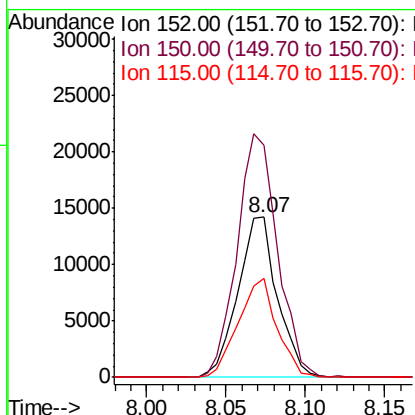
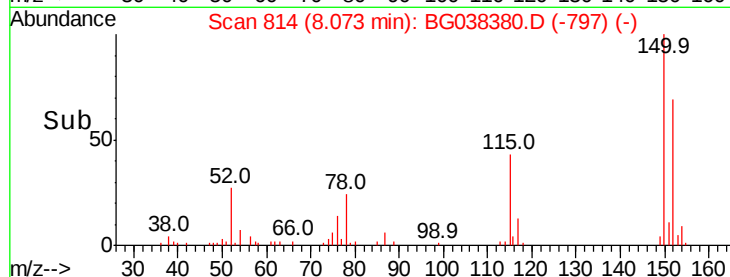
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038380.D
Acq: 6 Dec 2018 12:12

Instrument :
BNA_G
ClientSampleId :
PB115213TB

Tot Ion:152 Resp: 24509
Ion Ratio Lower Upper
152 100
150 144.7 126.0 189.0
115 61.8 45.5 68.3



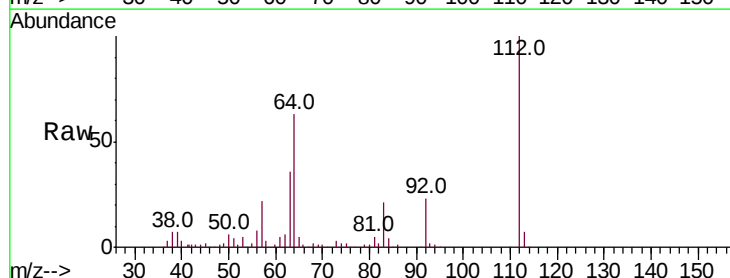
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



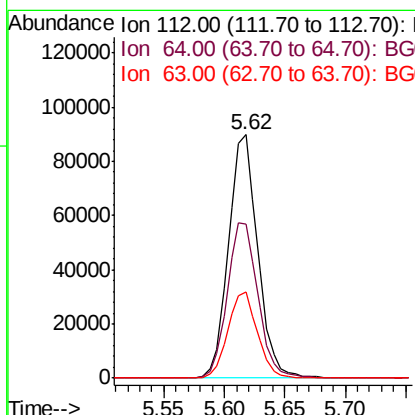
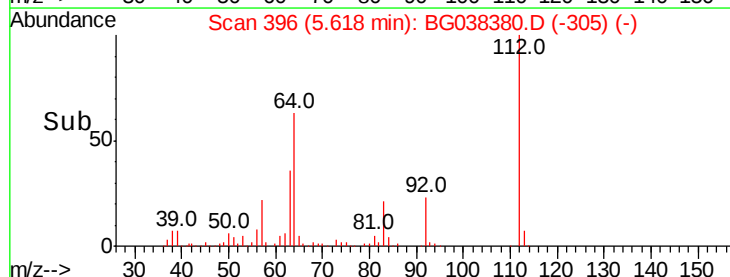
#5

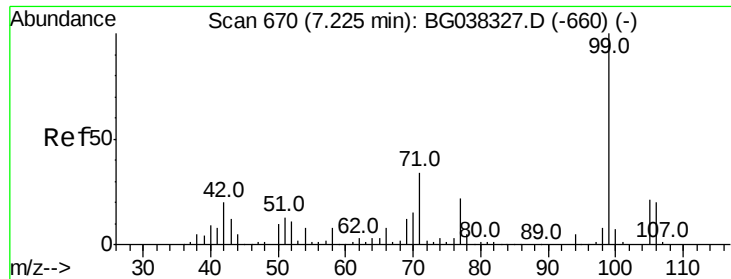
2-Fluorophenol
Concen: 109.197 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038380.D
Acq: 6 Dec 2018 12:12

Tgt Ion:112 Resp: 151235
Ion Ratio Lower Upper
112 100
64 63.0 53.1 79.7
63 35.6 27.3 40.9



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: 98.303 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038380.D

Acq: 6 Dec 2018 12:12

Instrument :

BNA_G

ClientSampleId :

PB115213TB

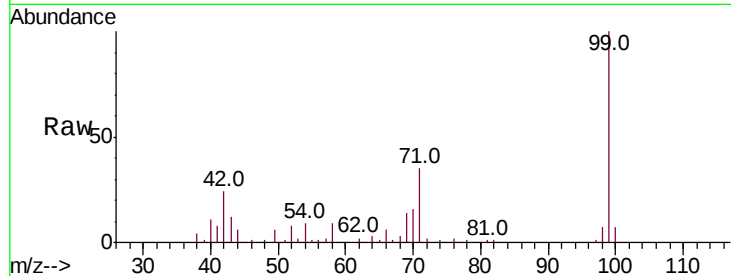
Tot Ion: 99 Resp: 196777

Ion Ratio Lower Upper

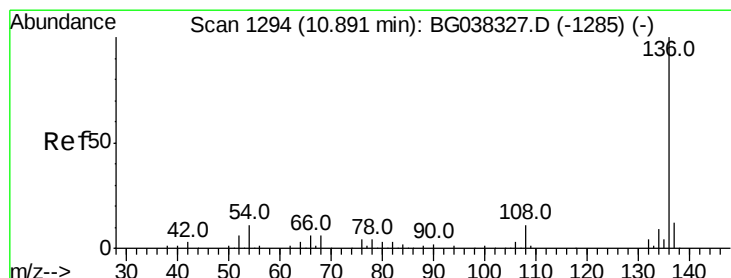
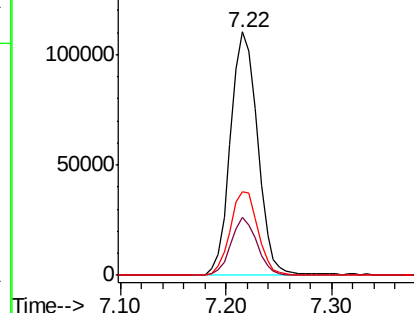
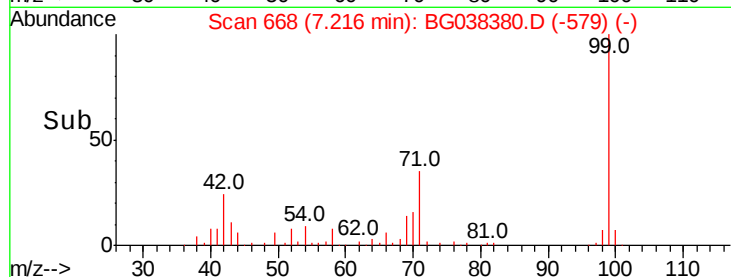
99 100

42 23.6 15.0 22.4#

71 34.6 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
150000
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: 10.89 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BG038380.D

Acq: 6 Dec 2018 12:12

Tgt Ion: 136 Resp: 90184

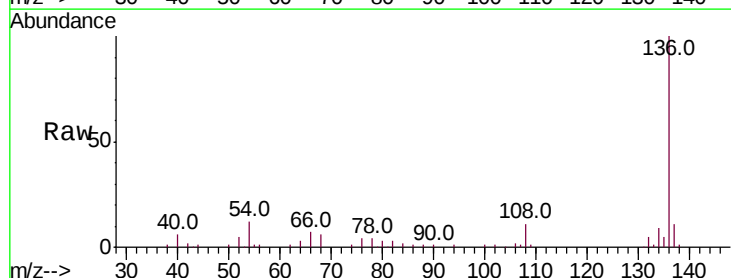
Ion Ratio Lower Upper

136 100

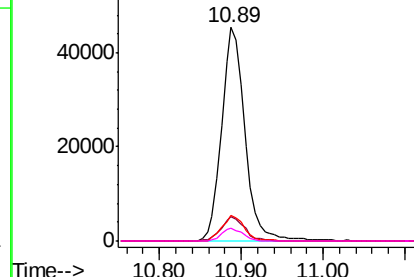
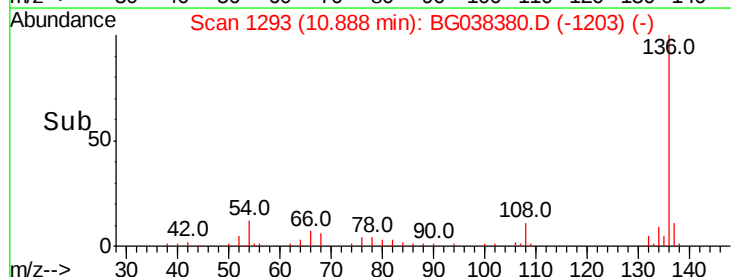
137 11.3 9.6 14.4

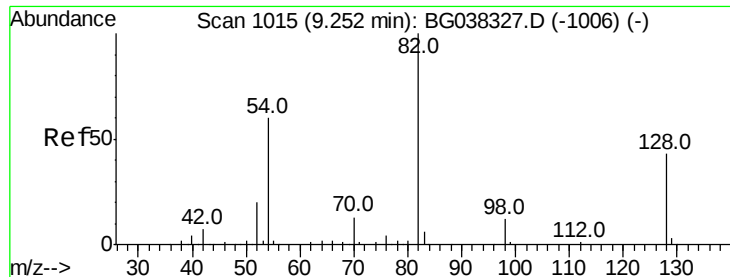
54 12.2 7.9 11.9#

68 5.9 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): E
60000
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

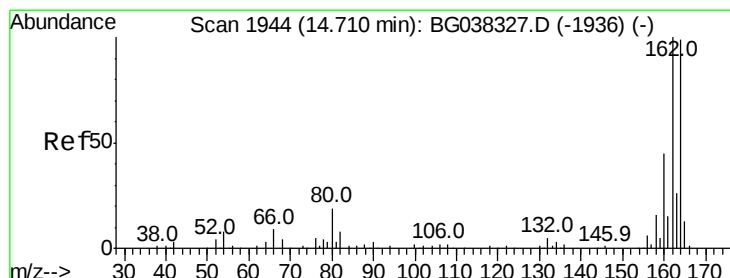
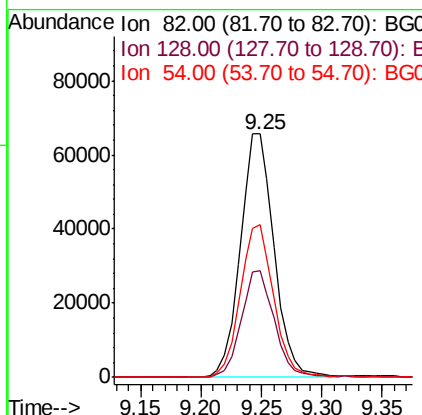
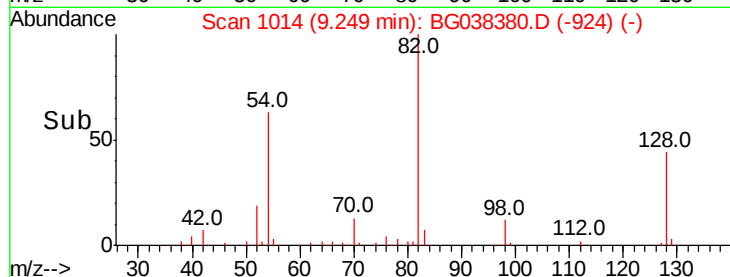
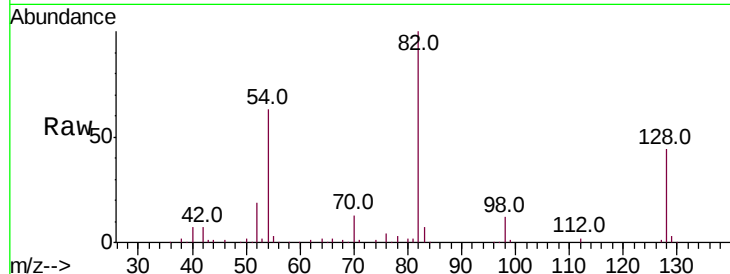




#23
Nitrobenzene-d5
Concen: 70.427 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG038380.D
Acq: 6 Dec 2018 12:12

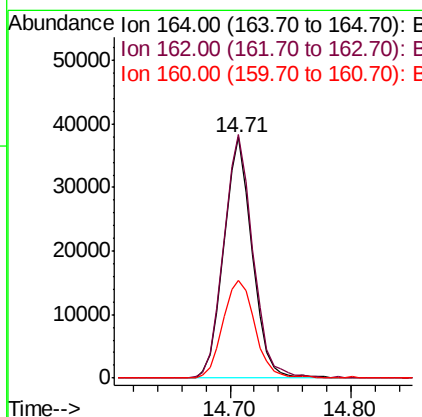
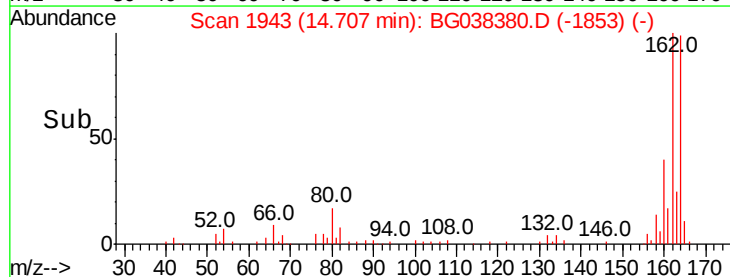
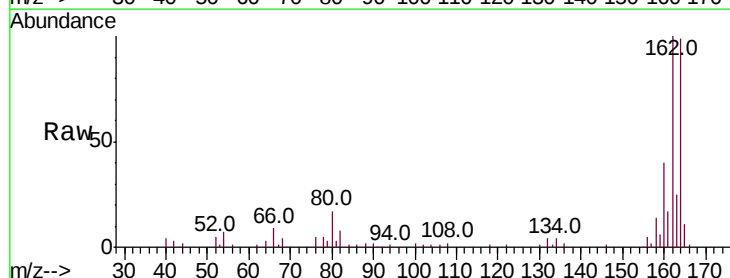
Instrument :
BNA_G
ClientSampleId :
PB115213TB

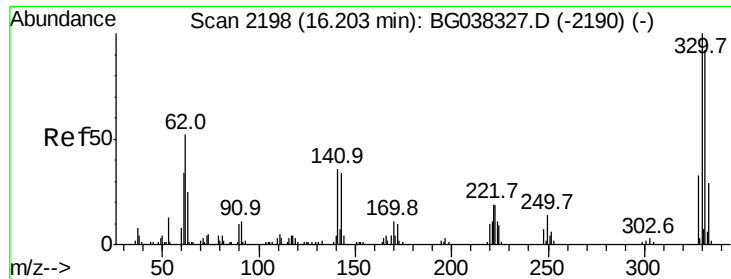
Tot Ion: 82 Resp: 127929
Ion Ratio Lower Upper
82 100
128 43.9 34.6 51.8
54 62.7 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG038380.D
Acq: 6 Dec 2018 12:12

Tgt Ion:164 Resp: 61525
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 40.6 36.3 54.5

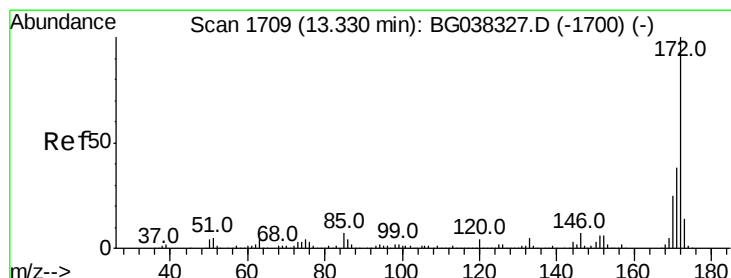
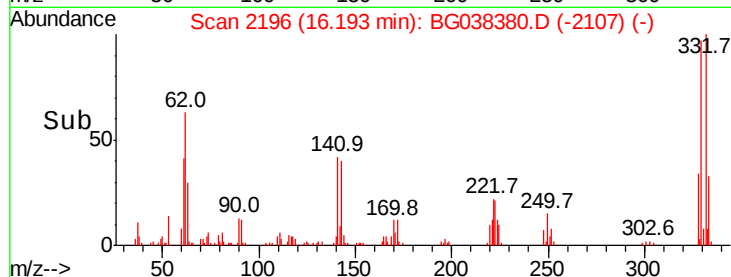
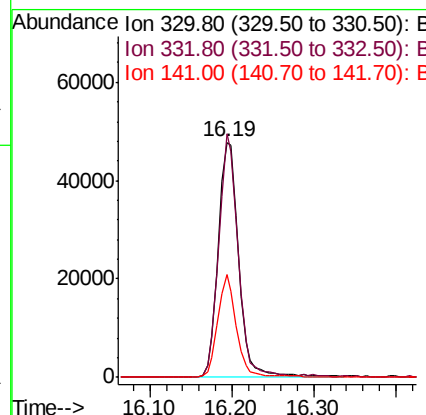
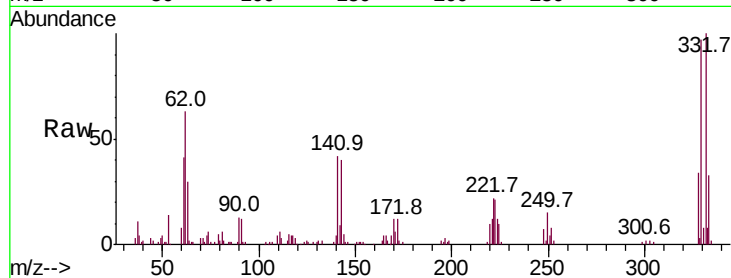




#42
 2,4,6-Tribromophenol
 Concen: 111.607 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG038380.D
 Acq: 6 Dec 2018 12:12

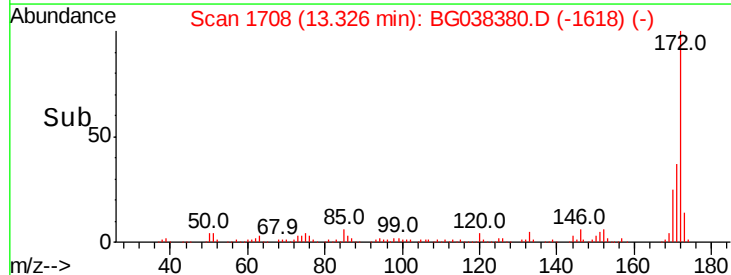
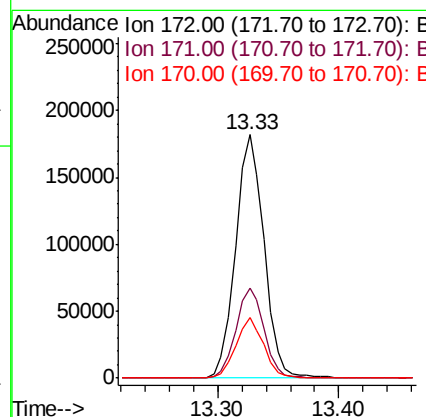
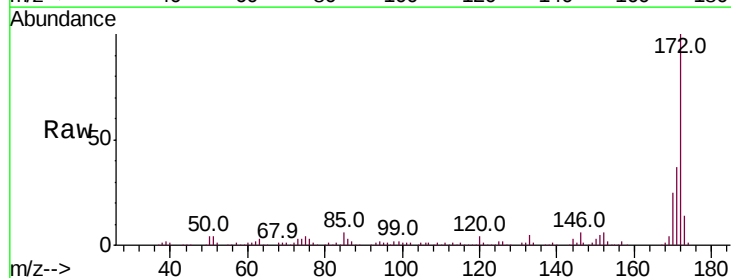
Instrument :
 BNA_G
 ClientSampleId :
 PB115213TB

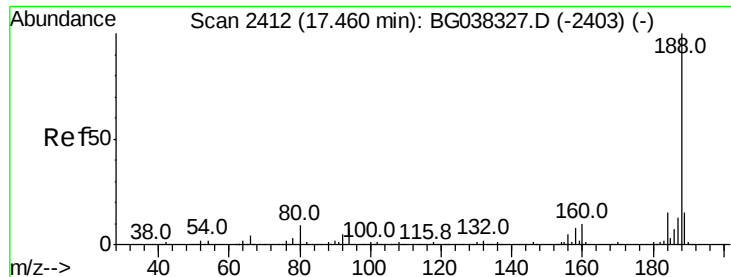
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.4	117.6
141	39.5	32.2	48.2



#45
 2-Fluorobiphenyl
 Concen: 69.110 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038380.D
 Acq: 6 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.0	46.4
170	24.7	20.2	30.2

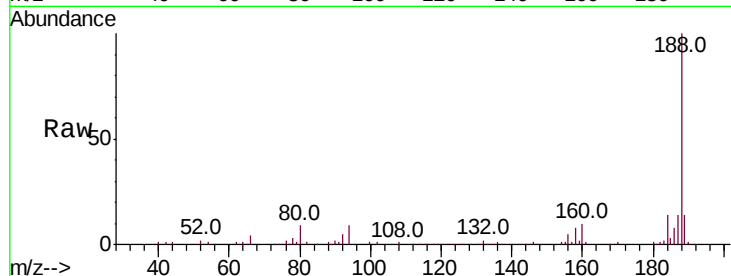




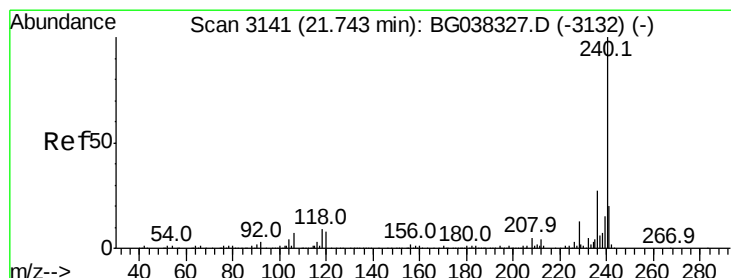
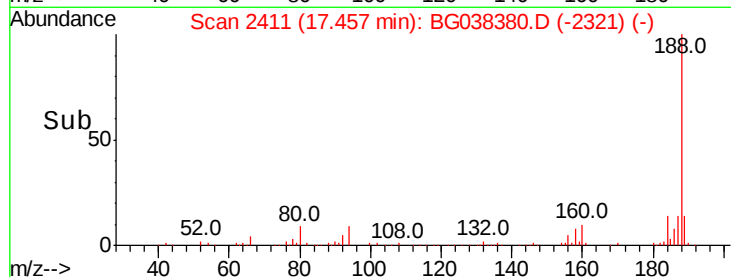
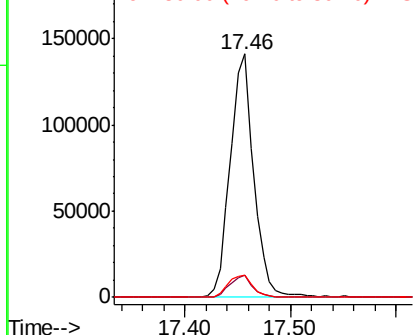
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2411
 Delta R.T. -0.00 min
 Lab File: BG038380.D
 Acq: 6 Dec 2018 12:12

Instrument :
 BNA_G
 ClientSampleId :
 PB115213TB

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.2	7.7	11.5

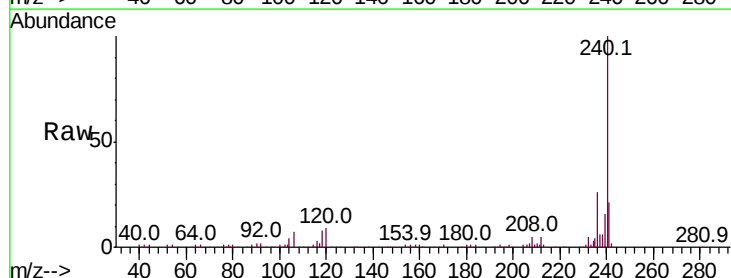


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

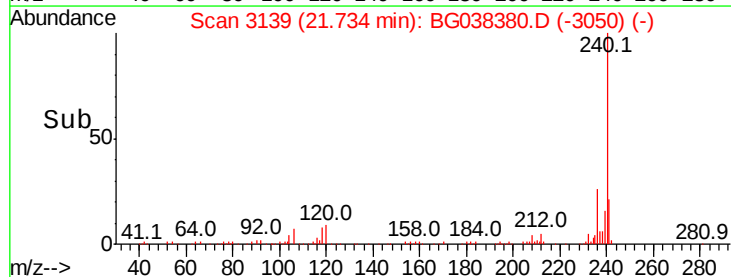
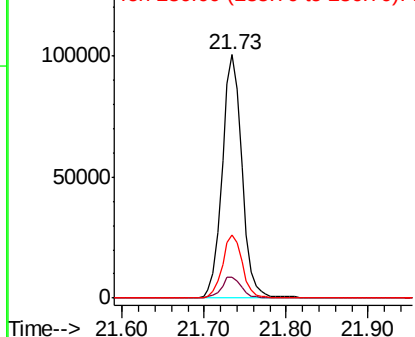


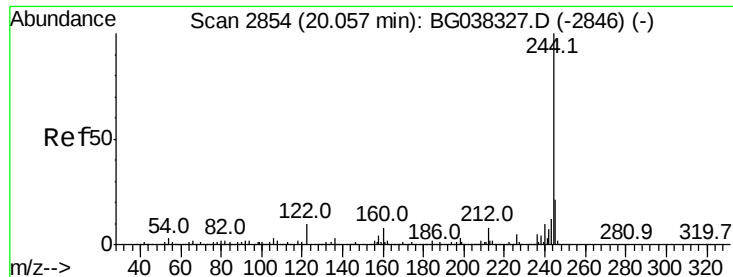
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038380.D
 Acq: 6 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.1	12.1
236	25.9	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: 77.785 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038380.D

Acq: 6 Dec 2018 12:12

Instrument :

BNA_G

ClientSampleId :

PB115213TB

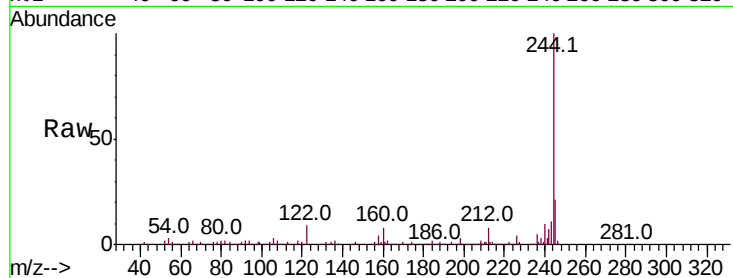
Tot Ion:244 Resp: 613528

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

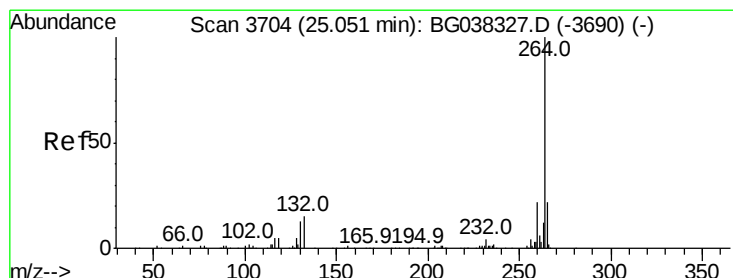
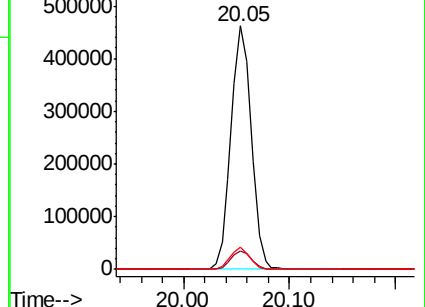
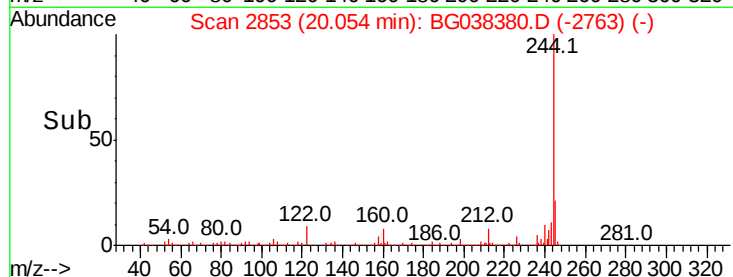
122 9.0 9.0 13.4



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: 25.04 min Scan# 3701

Delta R.T. -0.02 min

Lab File: BG038380.D

Acq: 6 Dec 2018 12:12

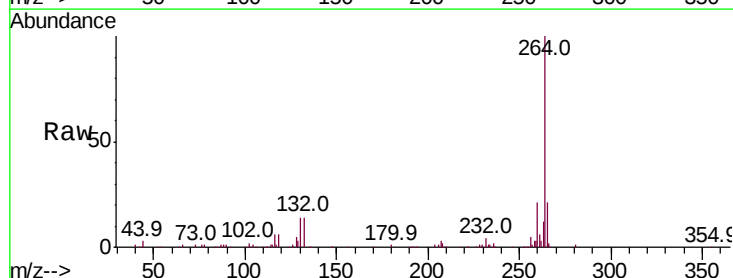
Tgt Ion:264 Resp: 204011

Ion Ratio Lower Upper

264 100

260 21.3 18.2 27.4

265 21.0 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

