

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121118\
 Data File : BG038491.D
 Acq On : 12 Dec 2018 6:28
 Operator : JU/SJ
 Sample : J6331-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Dec 12 07:14:10 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	8.06	152	22206	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	96293	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	67083	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	164851	20.00	ng	-0.01
76) Chrysene-d12	21.73	240	165089	20.00	ng	-0.01
87) Perylene-d12	25.04	264	167712	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	180341	143.72	ng	0.00
7) Phenol-d6	7.22	99	229088	126.31	ng	0.00
23) Nitrobenzene-d5	9.25	82	181566	93.61	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	114453	138.98	ng	-0.01
45) 2-Fluorobiphenyl	13.32	172	552501	117.36	ng	0.00
79) Terphenyl-d14	20.05	244	796575	103.37	ng	0.00

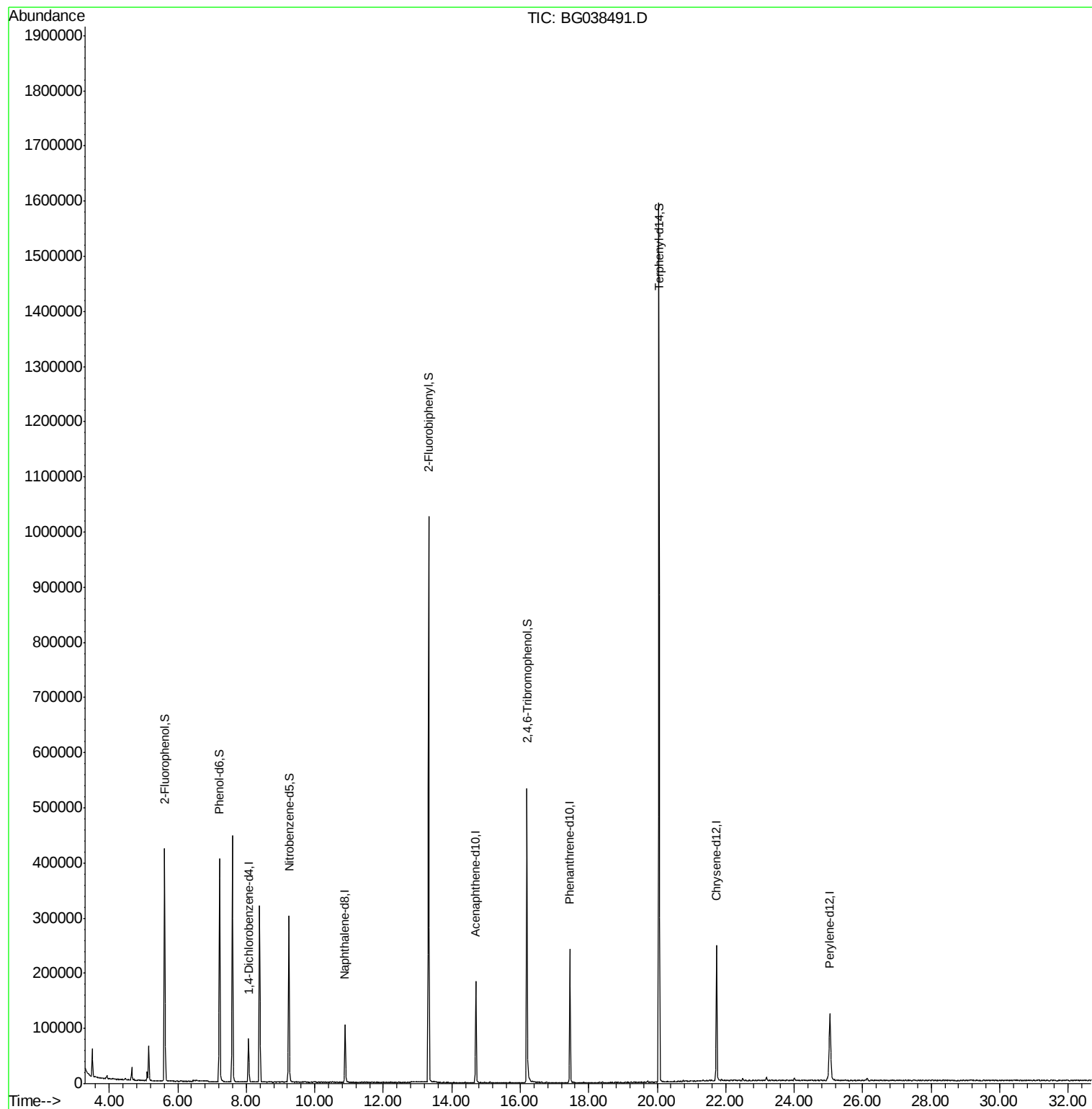
Target Compounds Qvalue

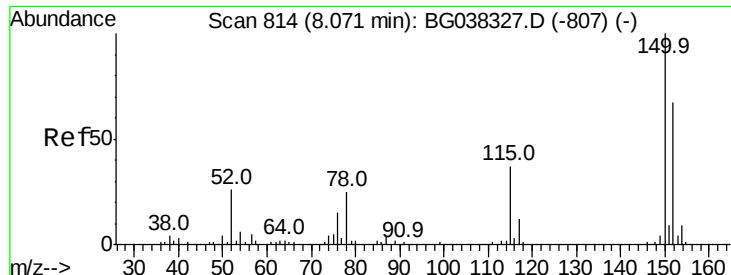
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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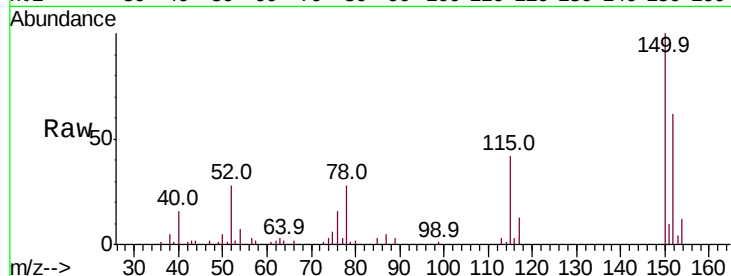


#1

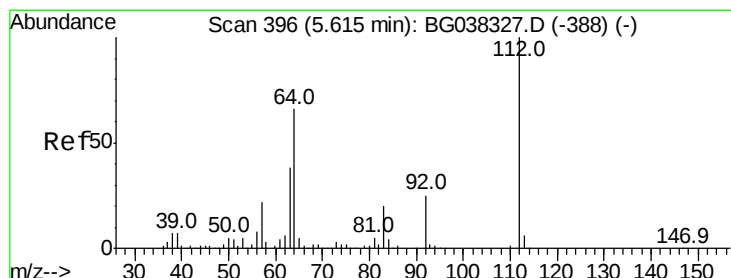
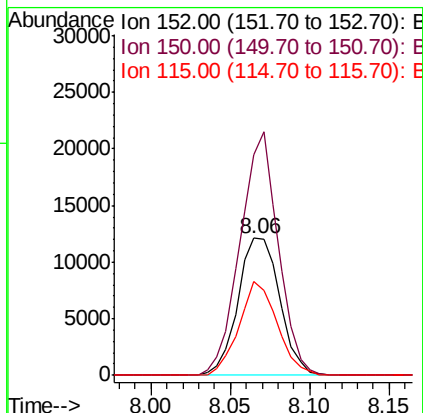
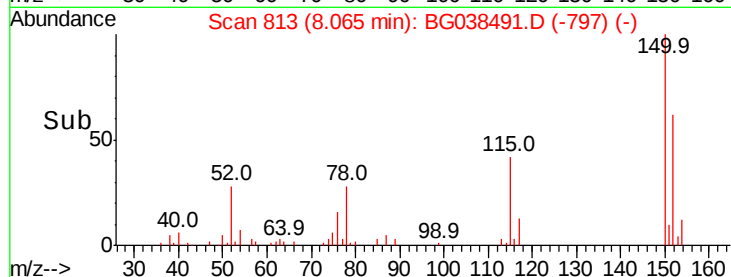
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG038491.D
 Acq: 12 Dec 2018 6:28

Instrument :
 BNA_G
 ClientSampled :
 TP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	126.0	189.0
115	68.2	45.5	68.3



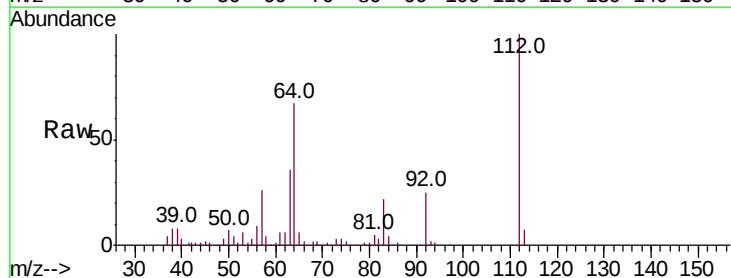
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



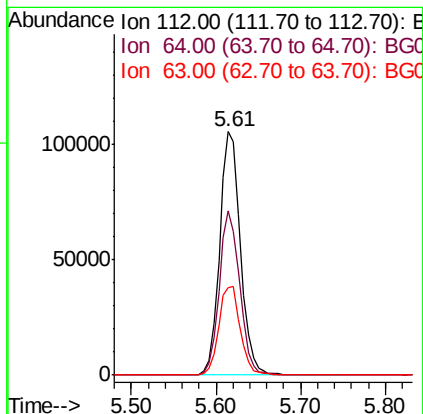
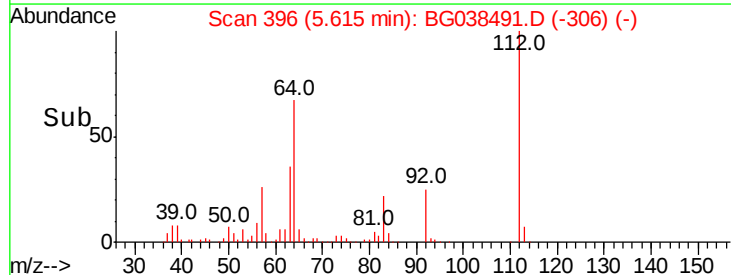
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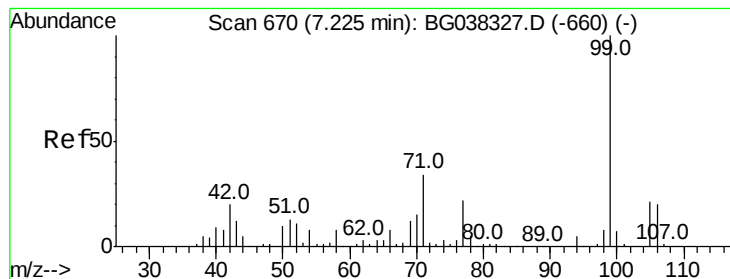
2-Fluorophenol
 Concen: 143.718 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BG038491.D
 Acq: 12 Dec 2018 6:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.1	79.7
63	36.2	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: 126.313 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038491.D

Acq: 12 Dec 2018 6:28

Instrument :

BNA_G

ClientSampleId :

TP-3

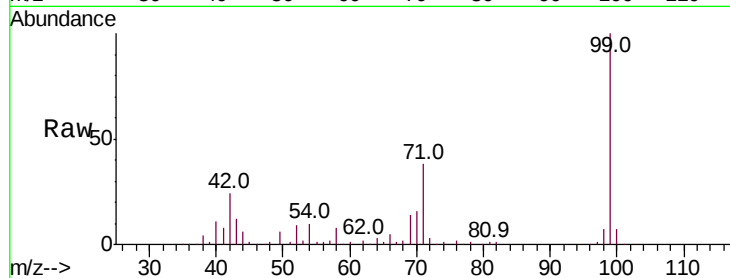
Tot Ion: 99 Resp: 229088

Ion Ratio Lower Upper

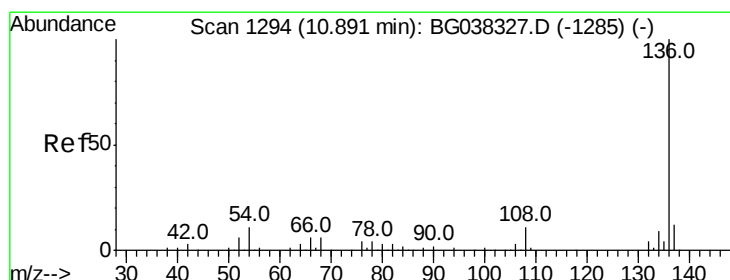
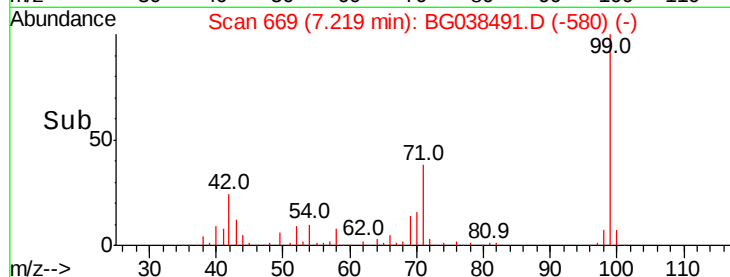
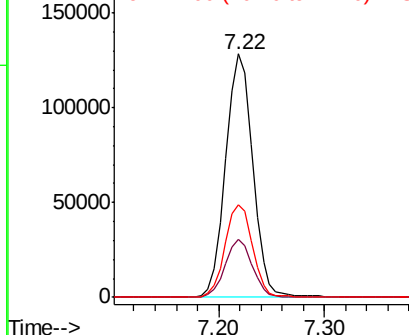
99 100

42 23.8 15.0 22.4#

71 37.9 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: 10.89 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG038491.D

Acq: 12 Dec 2018 6:28

Tgt Ion: 136 Resp: 96293

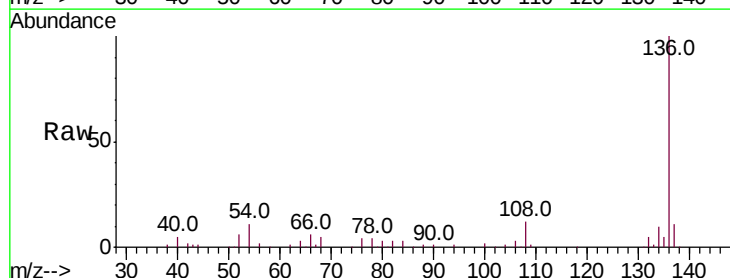
Ion Ratio Lower Upper

136 100

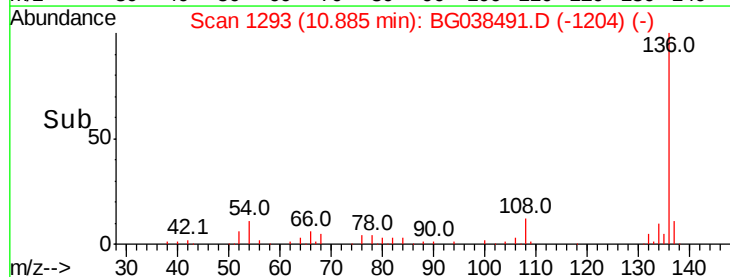
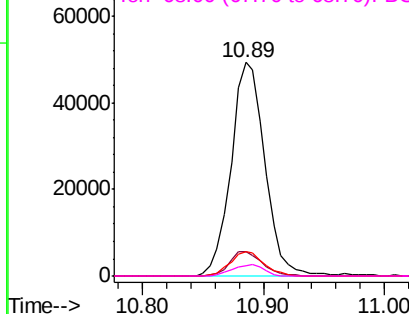
137 11.2 9.6 14.4

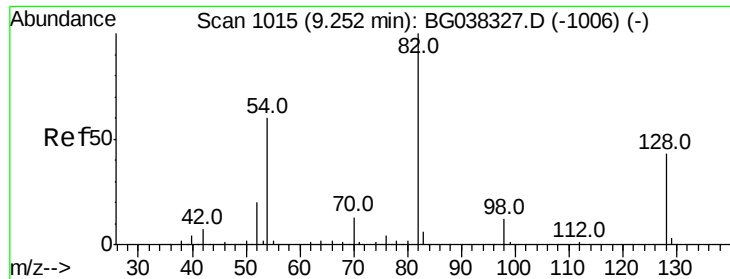
54 11.5 7.9 11.9

68 4.9 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

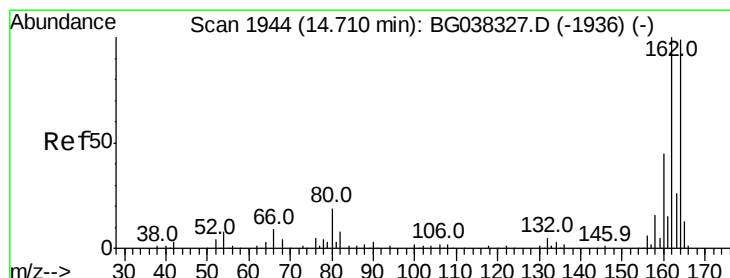
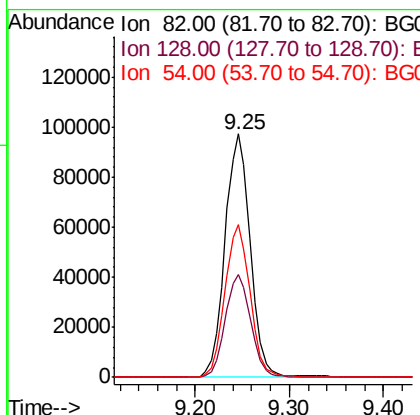
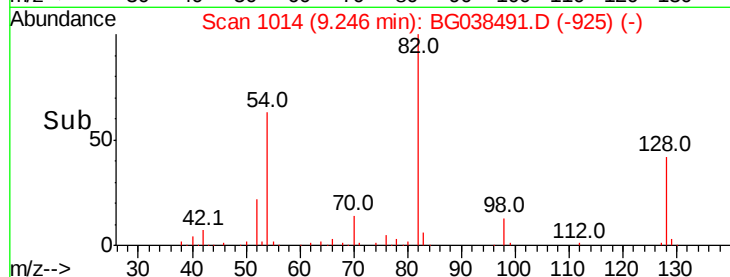
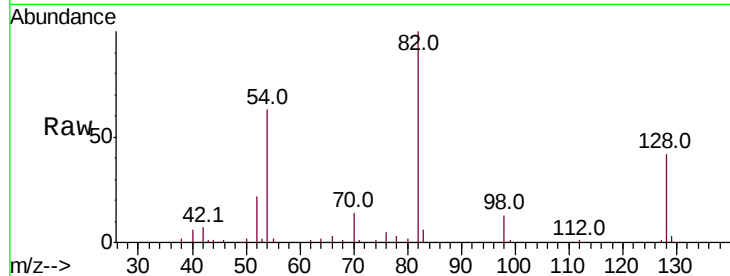




#23
Nitrobenzene-d5
Concen: 93.614 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038491.D
Acq: 12 Dec 2018 6:28

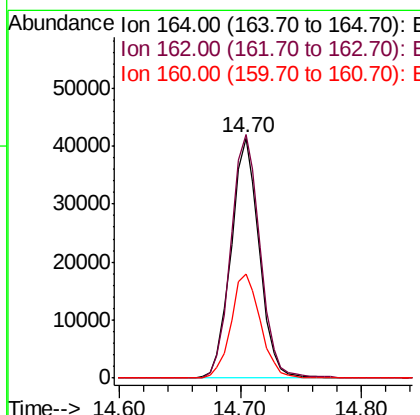
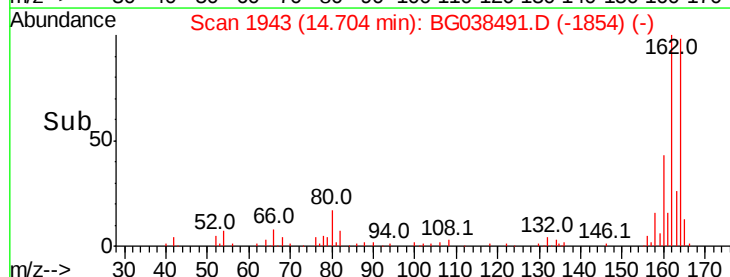
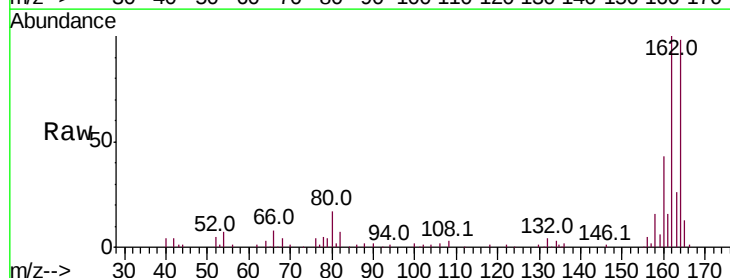
Instrument :
BNA_G
ClientSampleId :
TP-3

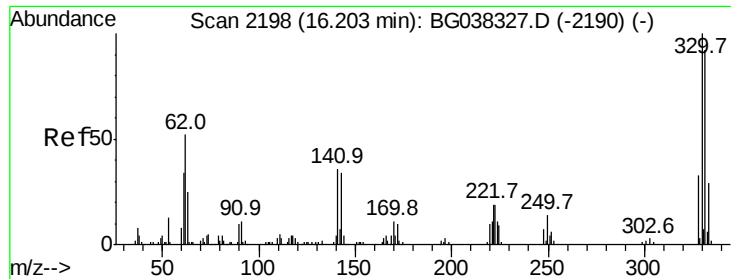
Tot Ion: 82 Resp: 181566
Ion Ratio Lower Upper
82 100
128 42.1 34.6 51.8
54 62.8 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG038491.D
Acq: 12 Dec 2018 6:28

Tgt Ion: 164 Resp: 67083
Ion Ratio Lower Upper
164 100
162 101.5 81.3 121.9
160 43.4 36.3 54.5

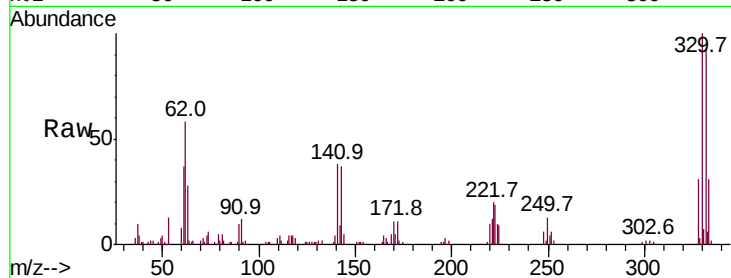




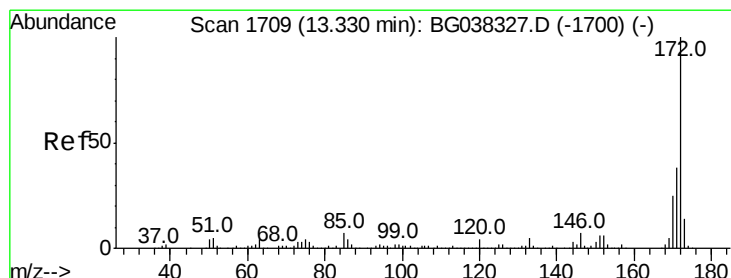
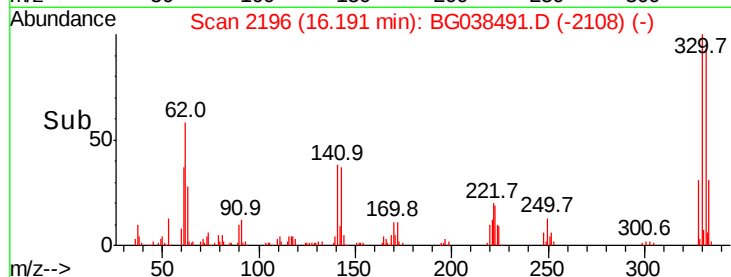
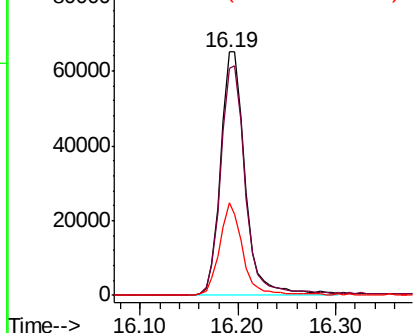
#42
 2,4,6-Tribromophenol
 Concen: 138.979 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG038491.D
 Acq: 12 Dec 2018 6:28

Instrument :
 BNA_G
 ClientSampled :
 TP-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.4	117.6
141	35.8	32.2	48.2

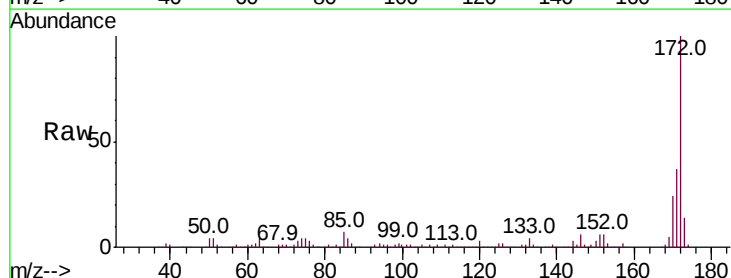


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

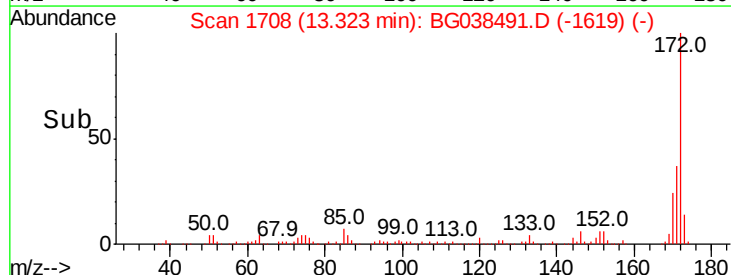
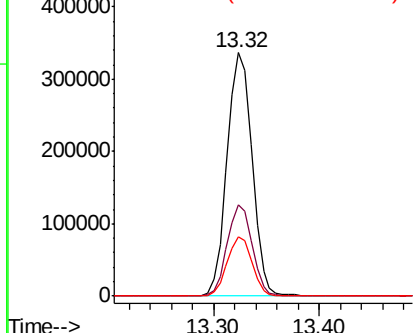


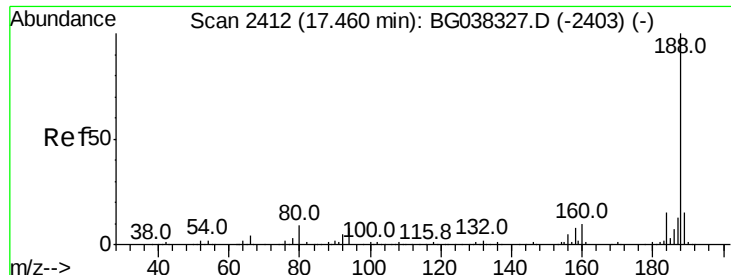
#45
 2-Fluorobiphenyl
 Concen: 117.357 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038491.D
 Acq: 12 Dec 2018 6:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.0	46.4
170	24.2	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

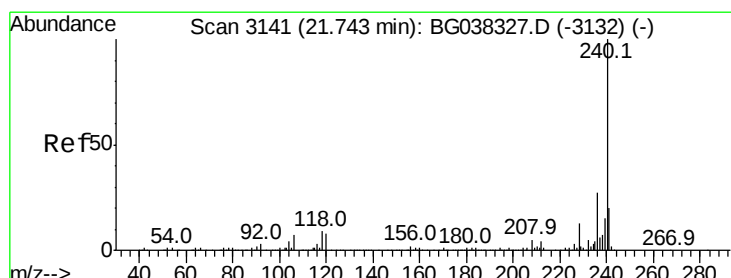
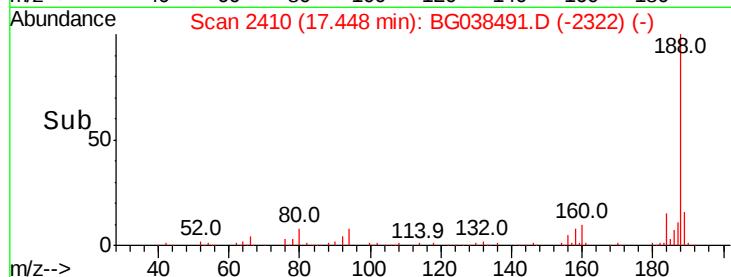
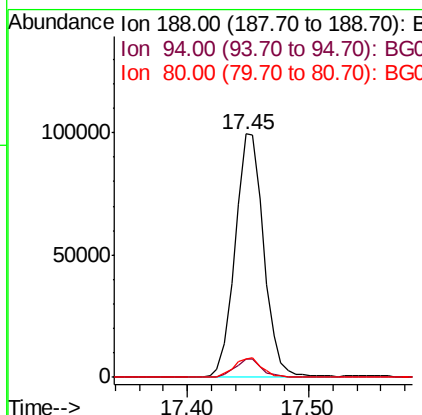
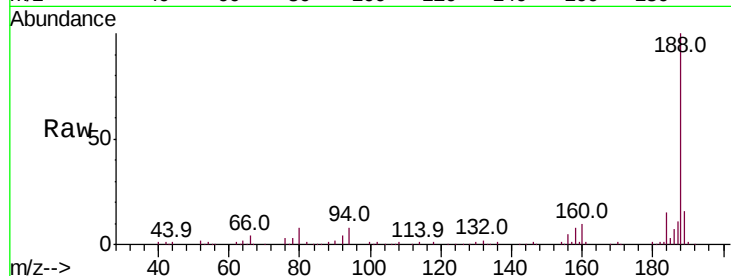




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BG038491.D
 Acq: 12 Dec 2018 6:28

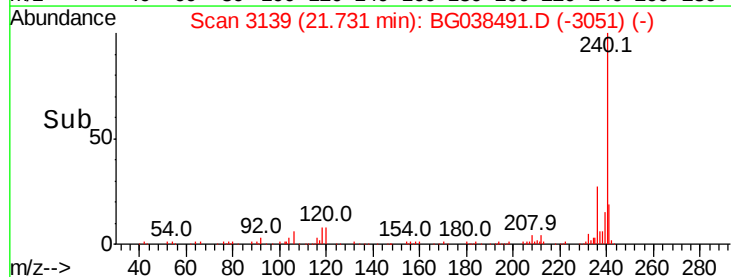
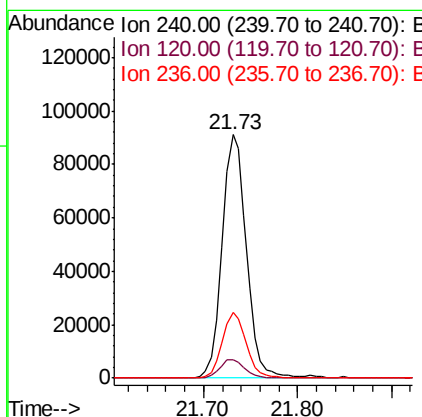
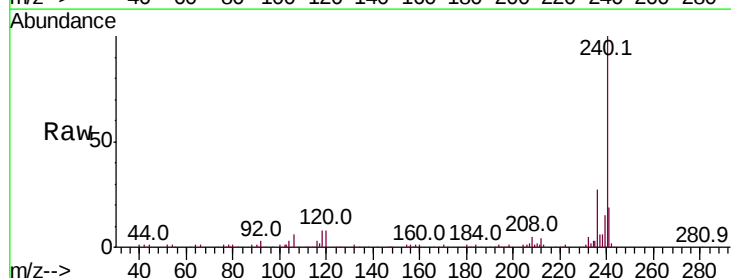
Instrument :
 BNA_G
 ClientSampleId :
 TP-3

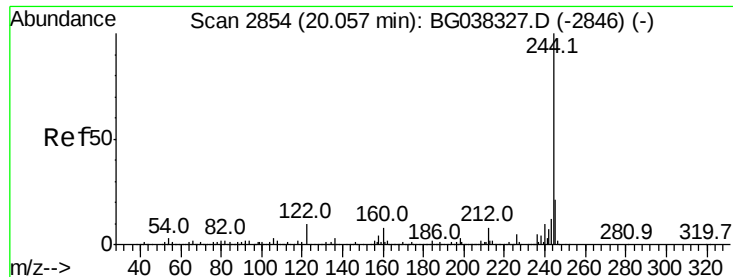
Tot Ion:188 Resp: 164851
 Ion Ratio Lower Upper
 188 100
 94 7.5 7.2 10.8
 80 7.5 7.7 11.5#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038491.D
 Acq: 12 Dec 2018 6:28

Tgt Ion:240 Resp: 165089
 Ion Ratio Lower Upper
 240 100
 120 7.7 8.1 12.1#
 236 27.2 21.4 32.0





#79

Terphenyl-d14

Concen: 103.367 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038491.D

Acq: 12 Dec 2018 6:28

Instrument :

BNA_G

ClientSampleId :

TP-3

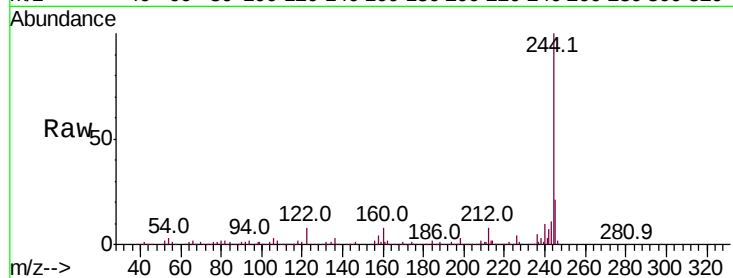
Tot Ion:244 Resp: 796575

Ion Ratio Lower Upper

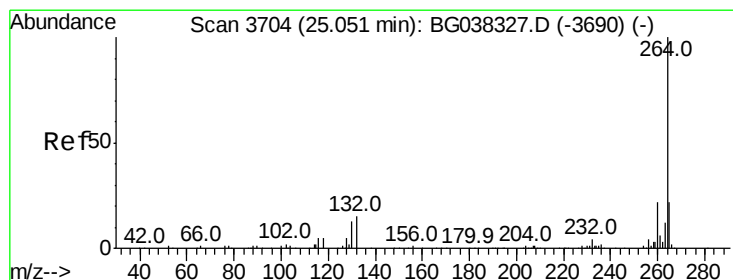
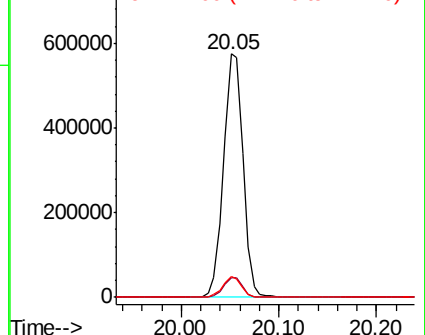
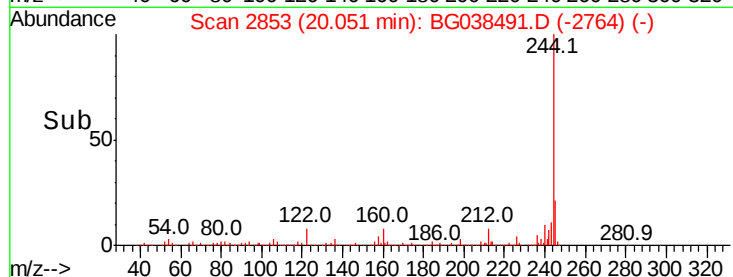
244 100

212 7.8 6.5 9.7

122 8.3 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# 3702

Delta R.T. -0.01 min

Lab File: BG038491.D

Acq: 12 Dec 2018 6:28

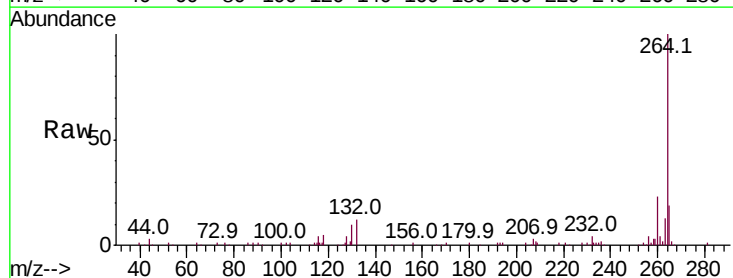
Tgt Ion:264 Resp: 167712

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

265 19.3 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

