

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038448.D
 Acq On : 10 Dec 2018 20:57
 Operator : JU/SJ
 Sample : J6196-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-120718-C

Quant Time: Dec 11 04:06:26 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	26129	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	112955	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	75460	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	197125	20.00	ng	0.00
76) Chrysene-d12	21.73	240	193476	20.00	ng	-0.01
87) Perylene-d12	25.04	264	198584	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	202075	136.86	ng	0.00
7) Phenol-d6	7.22	99	259306	121.51	ng	0.00
23) Nitrobenzene-d5	9.24	82	191239	84.06	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	135664	146.45	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	458913	86.66	ng	0.00
79) Terphenyl-d14	20.06	244	898239	99.46	ng	0.00

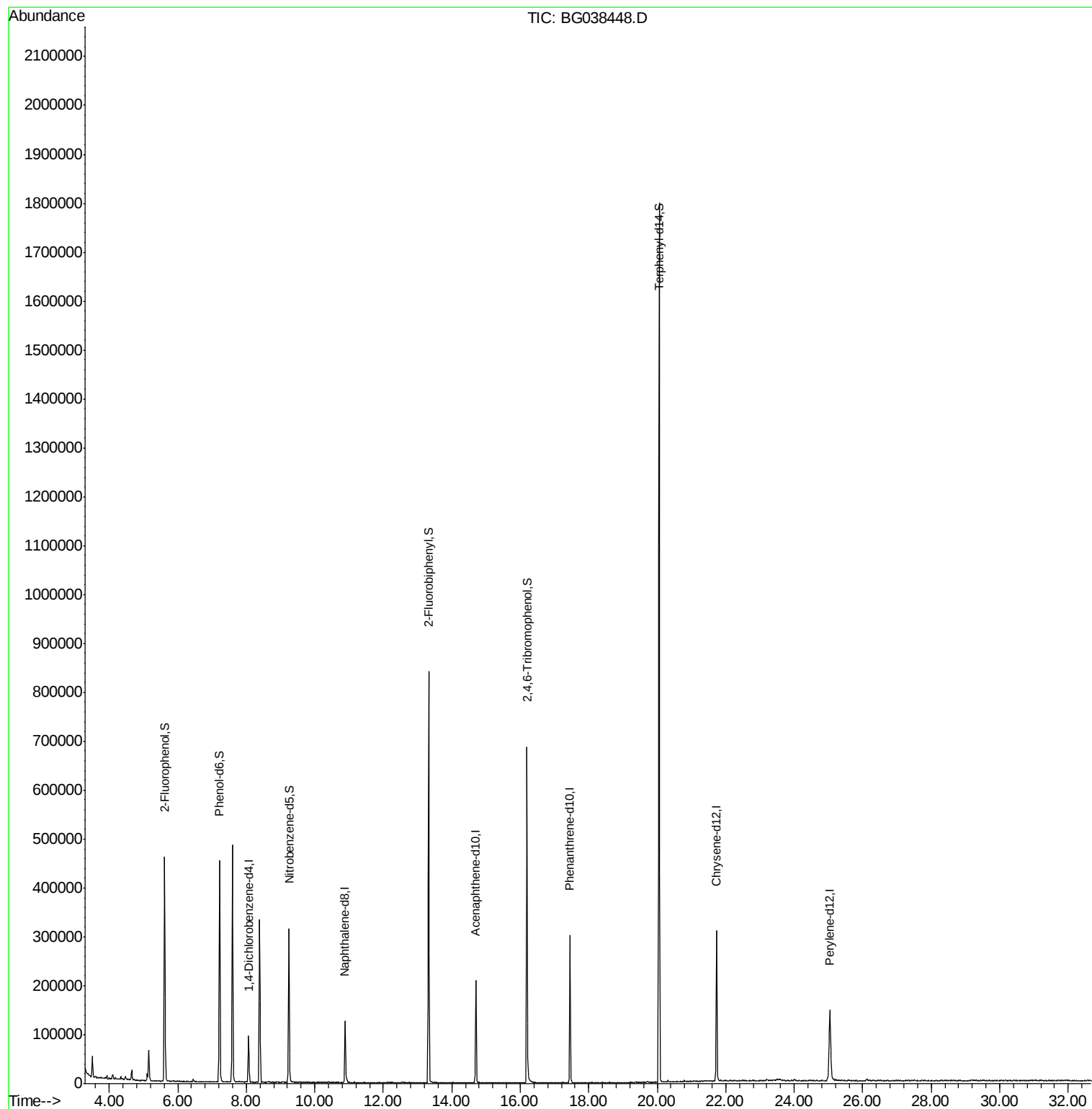
Target Compounds Qvalue

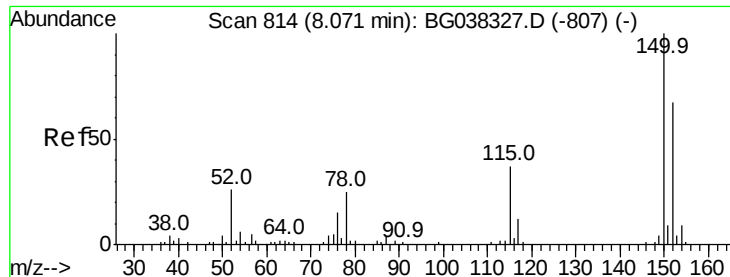
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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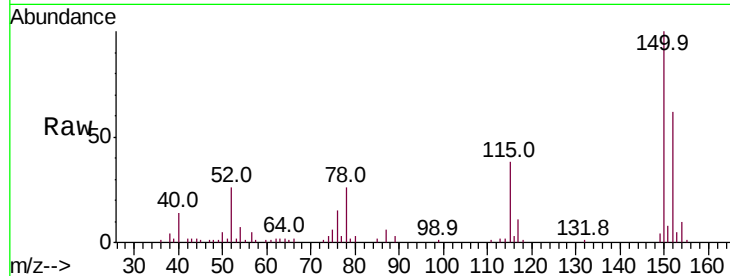


#1

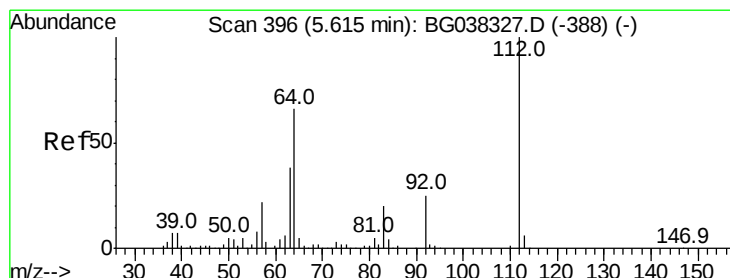
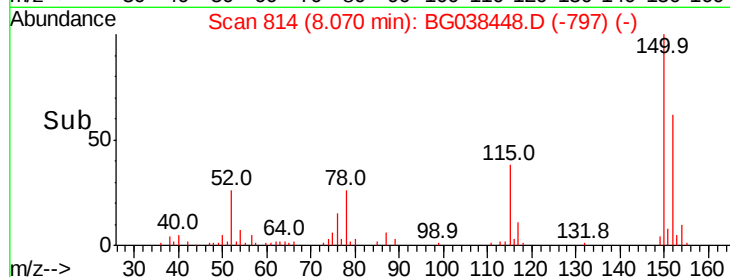
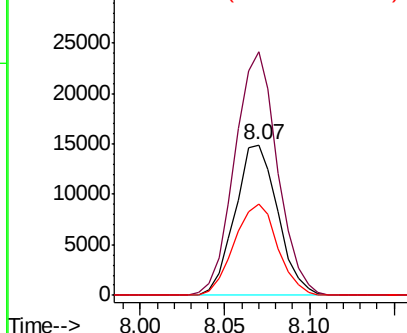
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038448.D
Acq: 10 Dec 2018 20:57

Instrument :
BNA_G
ClientSampleId :
EO-03-120718-C

Tot Ion:152 Resp: 26129
Ion Ratio Lower Upper
152 100
150 161.6 126.0 189.0
115 60.9 45.5 68.3



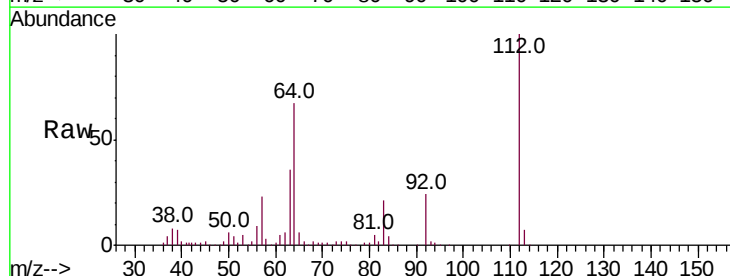
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



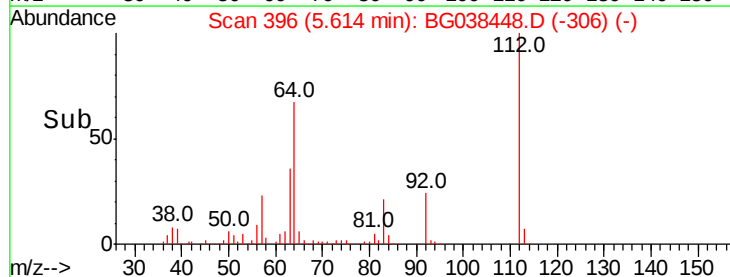
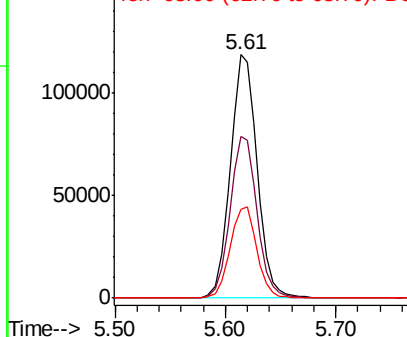
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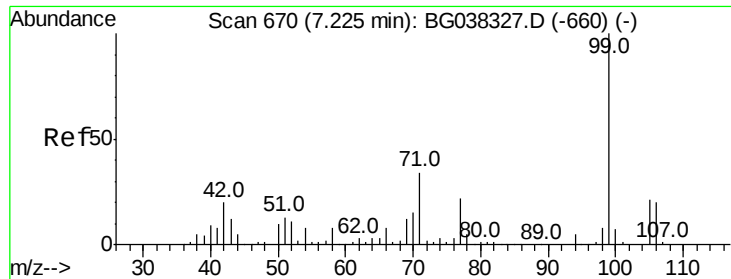
2-Fluorophenol
Concen: 136.860 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038448.D
Acq: 10 Dec 2018 20:57

Tgt Ion:112 Resp: 202075
Ion Ratio Lower Upper
112 100
64 66.5 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: 121.509 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038448.D

Acq: 10 Dec 2018 20:57

Instrument :

BNA_G

ClientSampleId :

EO-03-120718-C

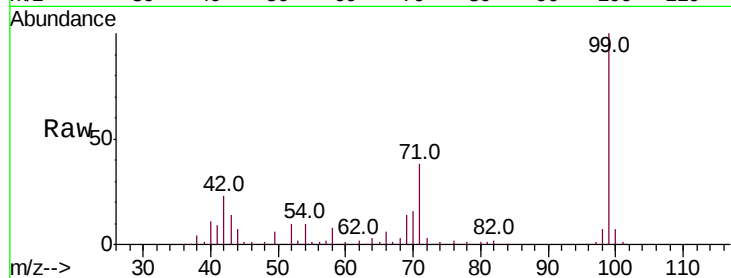
Tot Ion: 99 Resp: 259306

Ion Ratio Lower Upper

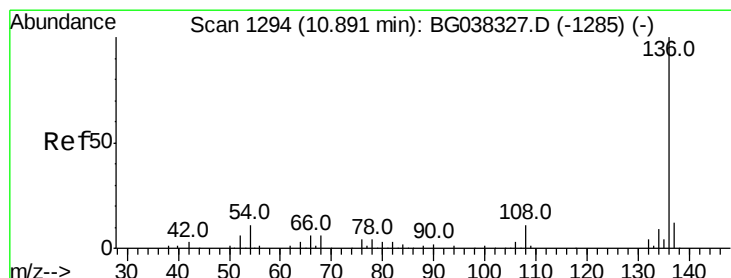
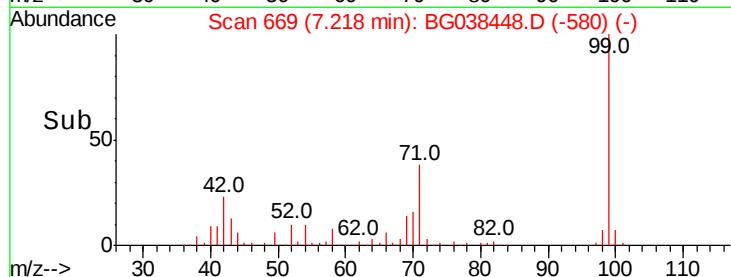
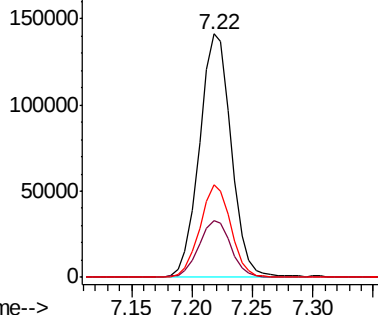
99 100

42 23.4 15.0 22.4#

71 38.0 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: 10.88 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG038448.D

Acq: 10 Dec 2018 20:57

Tgt Ion: 136 Resp: 112955

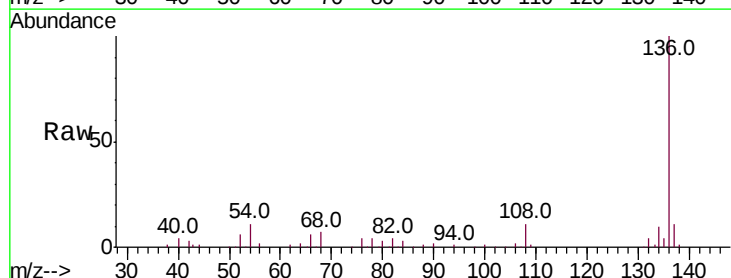
Ion Ratio Lower Upper

136 100

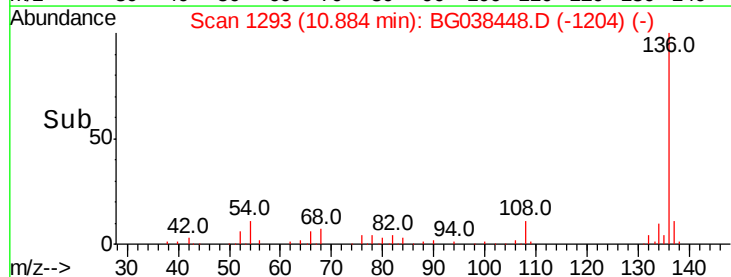
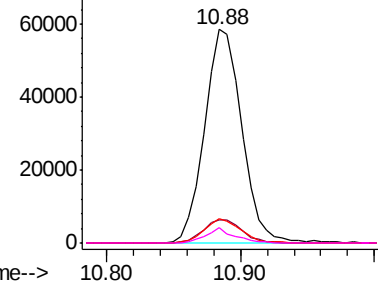
137 10.9 9.6 14.4

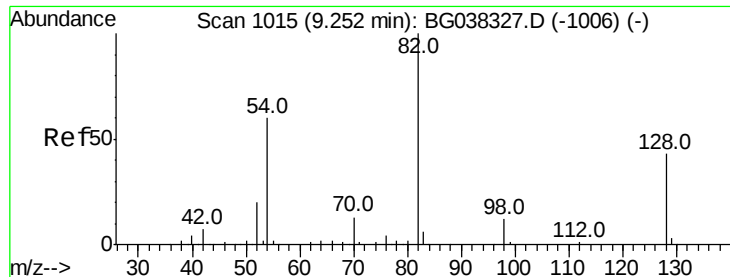
54 11.3 7.9 11.9

68 7.1 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

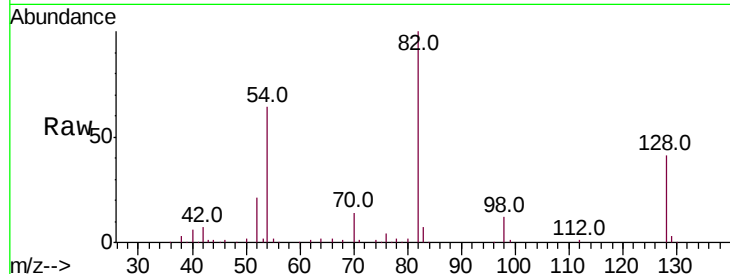




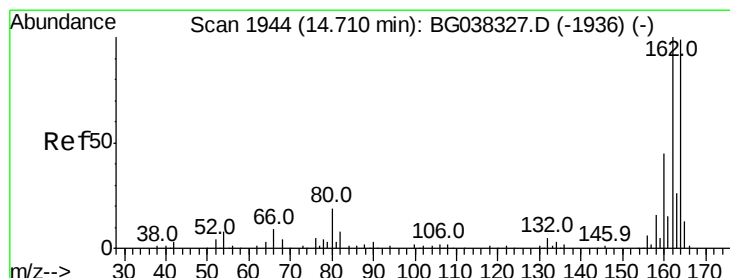
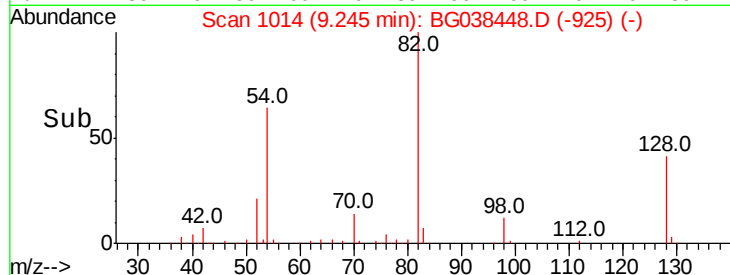
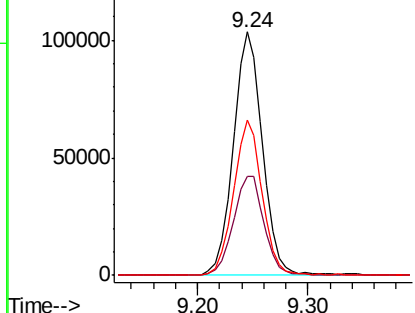
#23
 Nitrobenzene-d5
 Concen: 84.057 ng
 RT: 9.24 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG038448.D
 Acq: 10 Dec 2018 20:57

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-120718-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.6	51.8
54	63.6	45.3	67.9

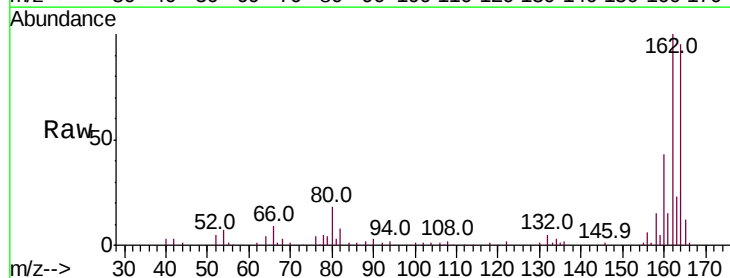


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

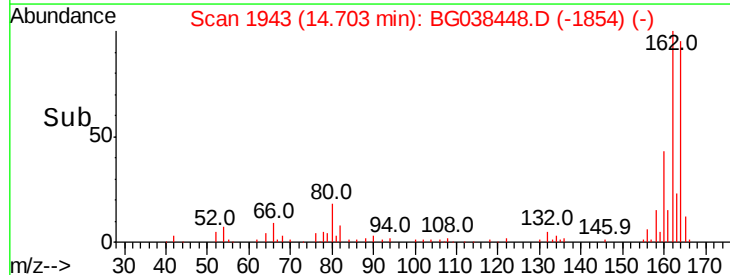
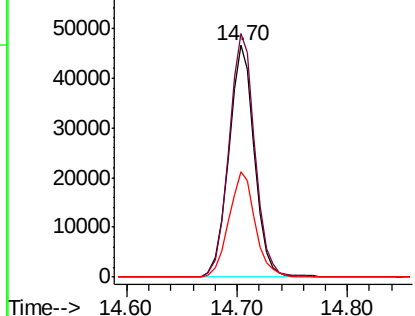


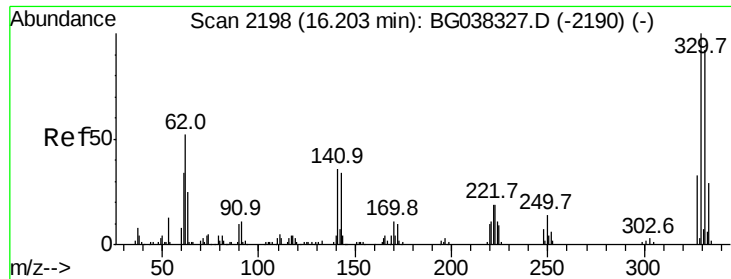
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BG038448.D
 Acq: 10 Dec 2018 20:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	81.3	121.9
160	45.7	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

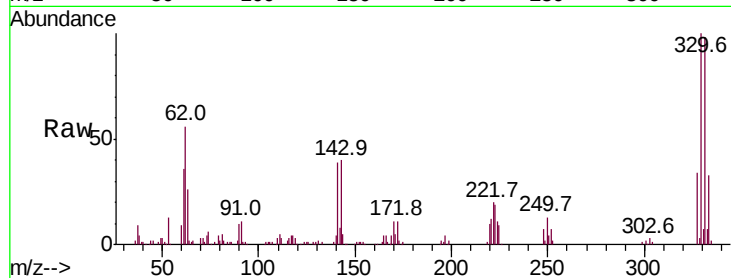




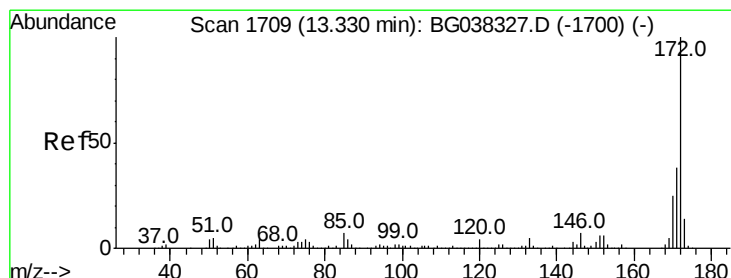
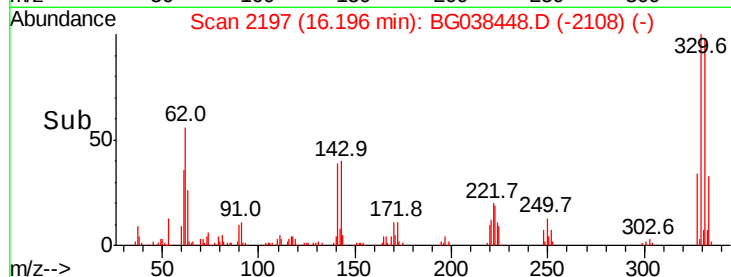
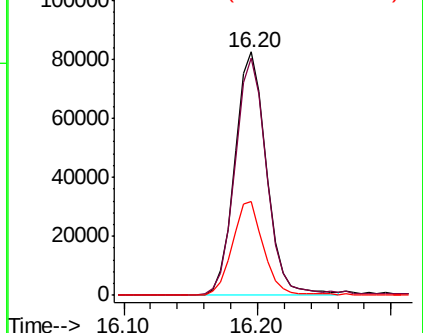
#42
 2,4,6-Tribromophenol
 Concen: 146.448 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG038448.D
 Acq: 10 Dec 2018 20:57

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-120718-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	78.4	117.6
141	38.6	32.2	48.2

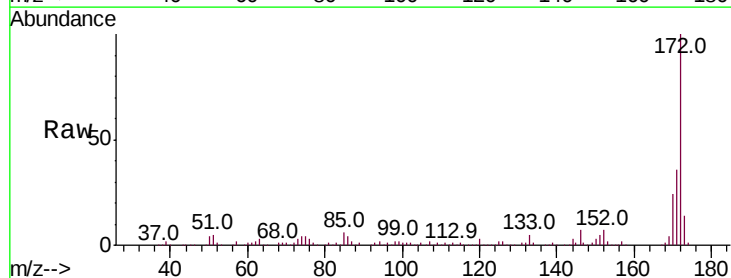


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

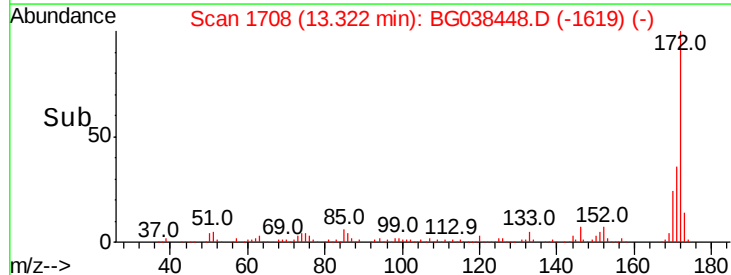
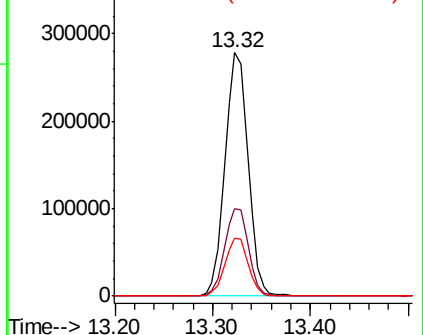


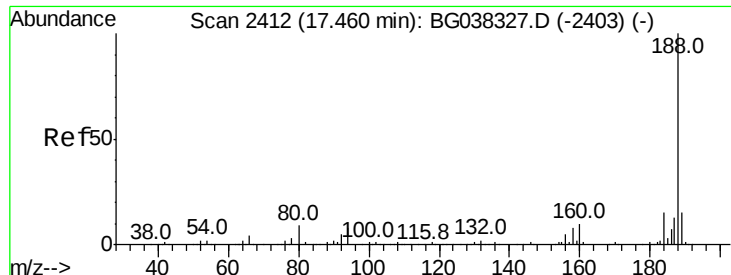
#45
 2-Fluorobiphenyl
 Concen: 86.657 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038448.D
 Acq: 10 Dec 2018 20:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	31.0	46.4
170	24.0	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

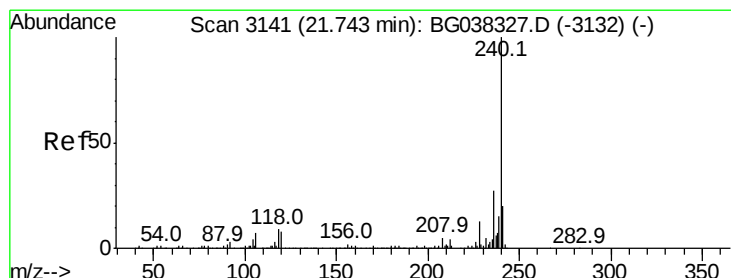
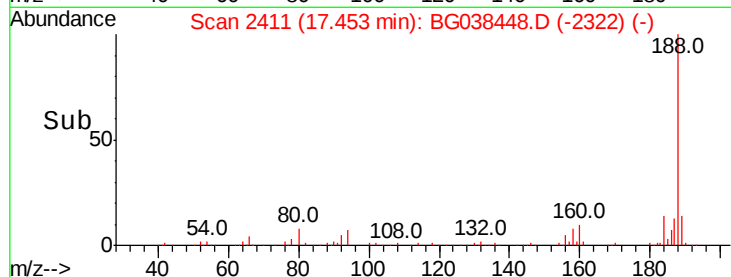
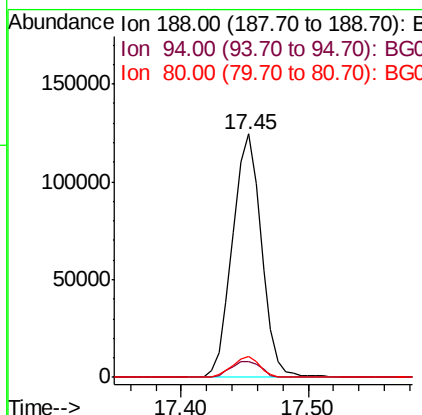
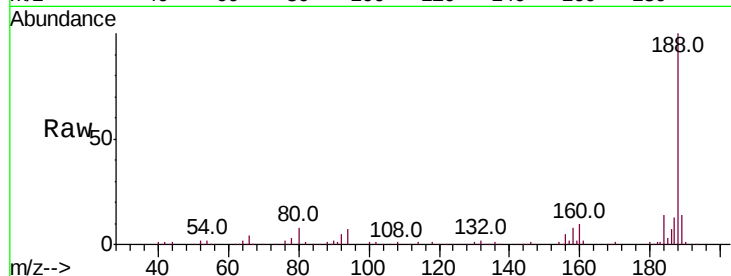




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038448.D
Acq: 10 Dec 2018 20:57

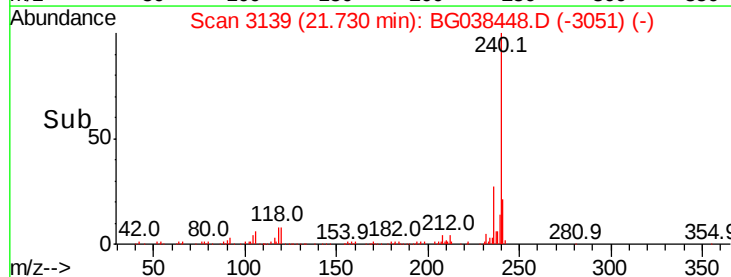
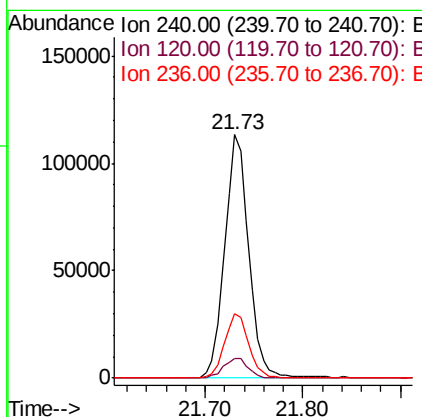
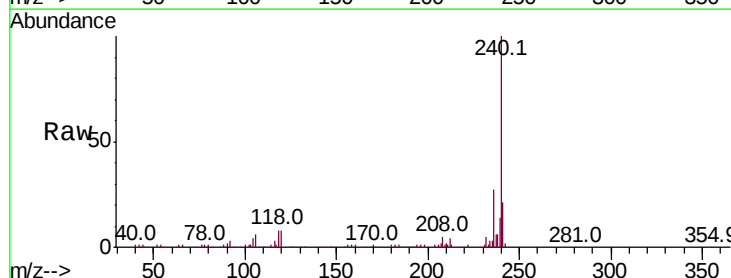
Instrument :
BNA_G
ClientSampleId :
EO-03-120718-C

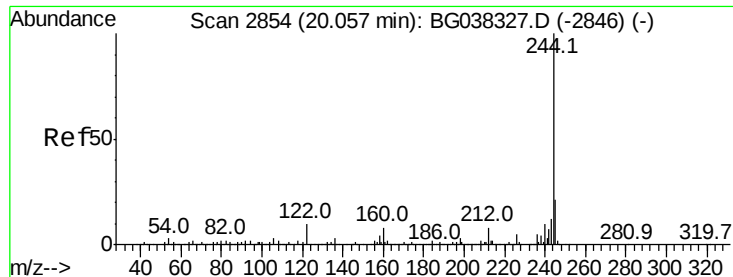
Tot Ion:188 Resp: 197125
Ion Ratio Lower Upper
188 100
94 6.5 7.2 10.8#
80 8.4 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038448.D
Acq: 10 Dec 2018 20:57

Tgt Ion:240 Resp: 193476
Ion Ratio Lower Upper
240 100
120 8.0 8.1 12.1#
236 26.7 21.4 32.0





#79

Terphenyl-d14

Concen: 99.457 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038448.D

Acq: 10 Dec 2018 20:57

Instrument :

BNA_G

ClientSampleId :

EO-03-120718-C

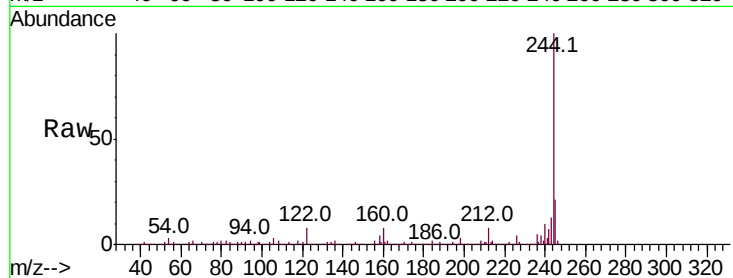
Tot Ion:244 Resp: 898239

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 7.8 9.0 13.4#

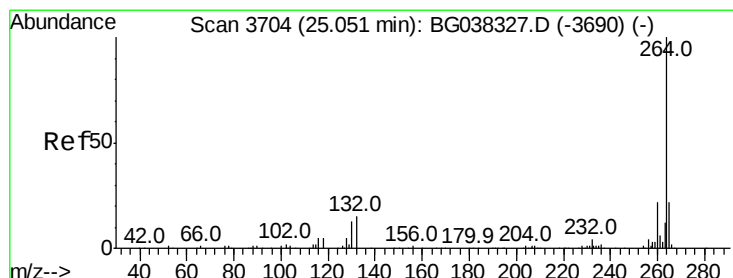
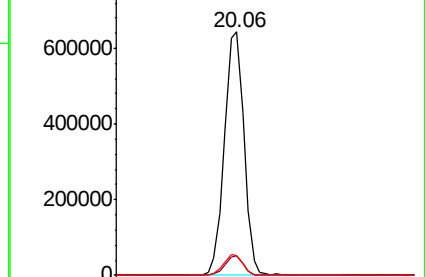
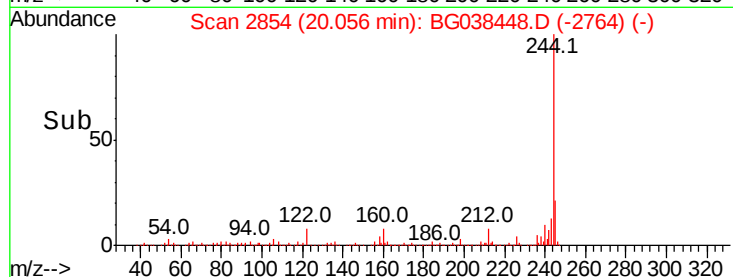


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.06



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038448.D

Acq: 10 Dec 2018 20:57

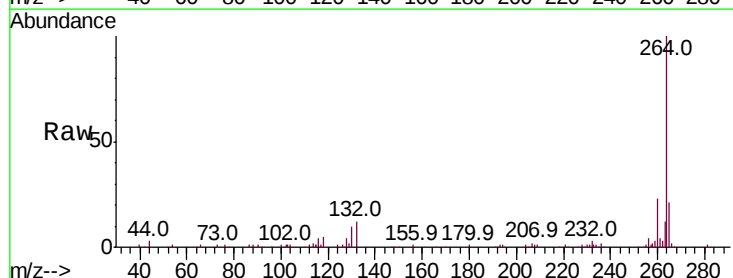
Tgt Ion:264 Resp: 198584

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 20.5 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

25.04

