

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037479.D
 Acq On : 23 Oct 2018 16:51
 Operator : JU/SJ
 Sample : PB114087BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114087BL

Quant Time: Oct 24 04:56:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	59896	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	254725	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	174656	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	448412	20.00	ng	0.00
76) Chrysene-d12	21.77	240	410515	20.00	ng	0.00
87) Perylene-d12	25.11	264	400087	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	335360	93.61	ng	0.00
7) Phenol-d6	7.25	99	476249	87.91	ng	0.00
23) Nitrobenzene-d5	9.28	82	264814	58.24	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	161703	84.89	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	671167	57.95	ng	0.00
79) Terphenyl-d14	20.09	244	1119146	58.25	ng	0.00

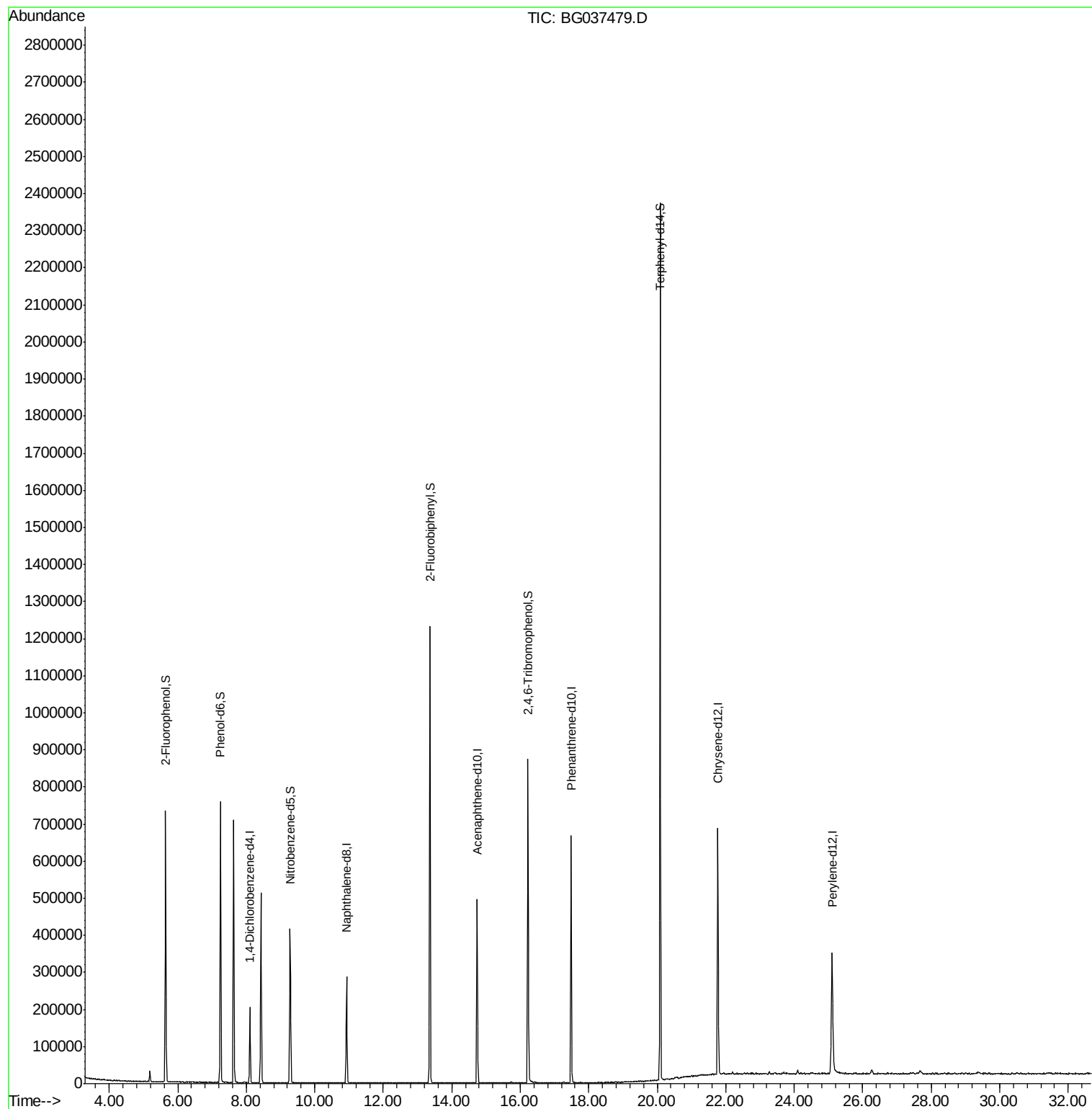
Target Compounds Qvalue

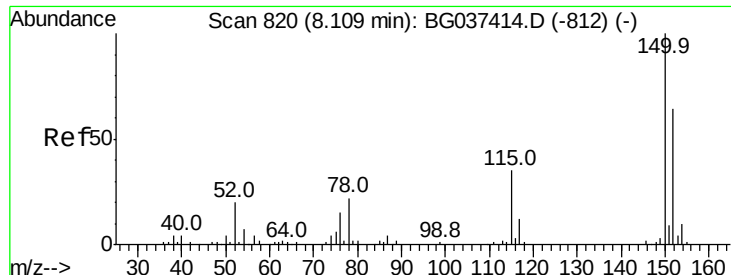
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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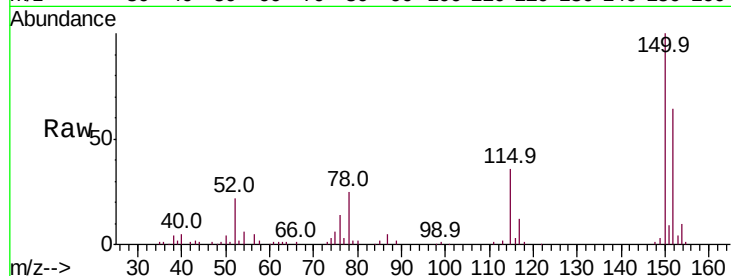


#1

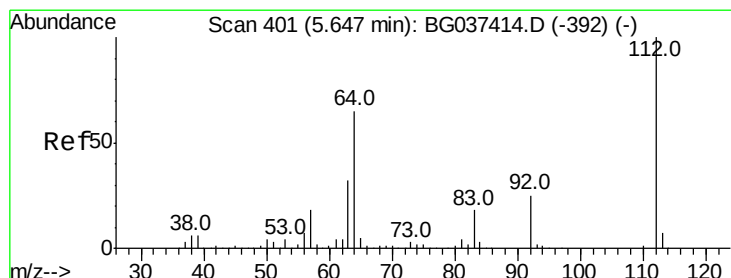
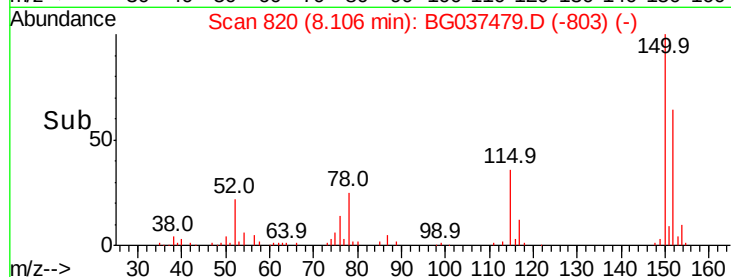
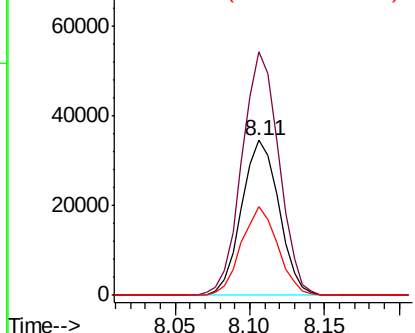
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037479.D
Acq: 23 Oct 2018 16:51

Instrument :
BNA_G
ClientSampleId :
PB114087BL

Tot Ion:152 Resp: 59896
Ion Ratio Lower Upper
152 100
150 157.3 126.0 189.0
115 57.2 45.5 68.3



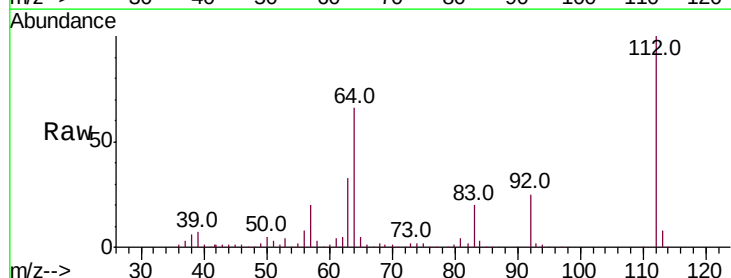
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



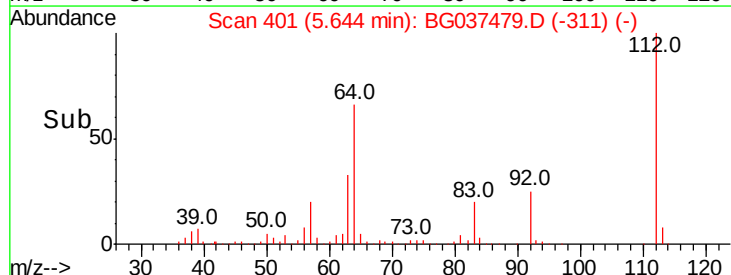
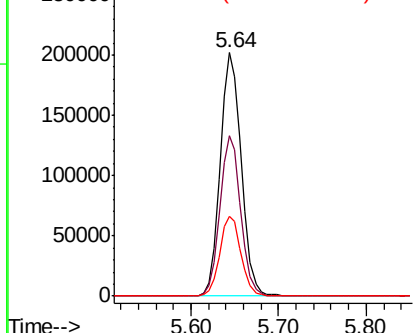
#5

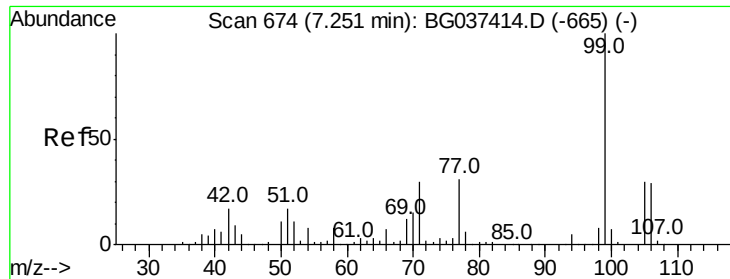
2-Fluorophenol
Concen: 93.608 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037479.D
Acq: 23 Oct 2018 16:51

Tgt Ion:112 Resp: 335360
Ion Ratio Lower Upper
112 100
64 66.1 53.1 79.7
63 32.9 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: 87.912 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037479.D

Acq: 23 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

PB114087BL

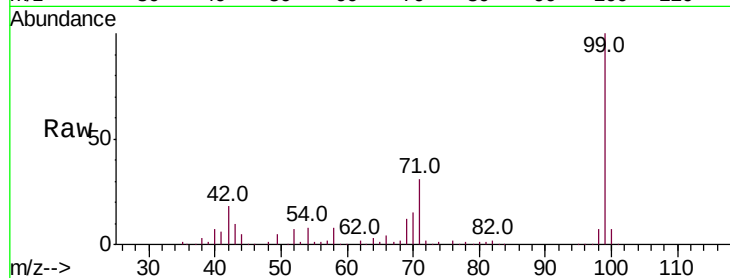
Tot Ion: 99 Resp: 476249

Ion Ratio Lower Upper

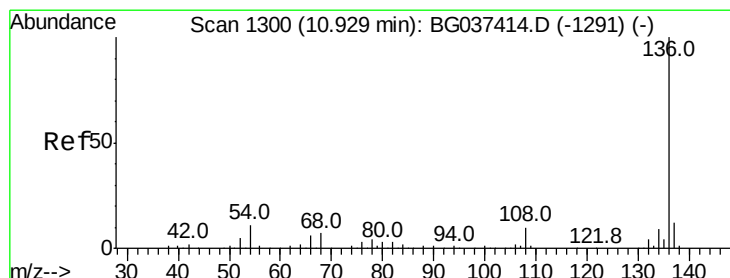
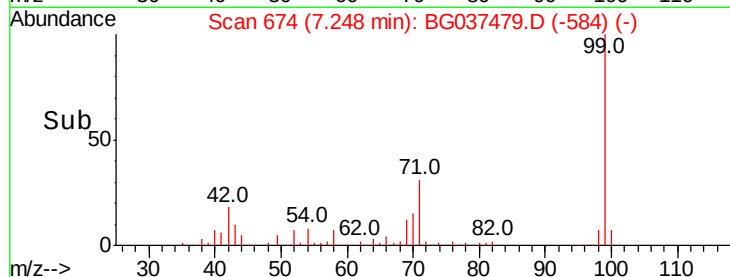
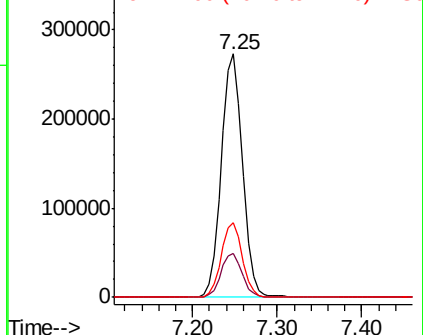
99 100

42 17.8 15.0 22.4

71 30.6 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: 10.93 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG037479.D

Acq: 23 Oct 2018 16:51

Tgt Ion: 136 Resp: 254725

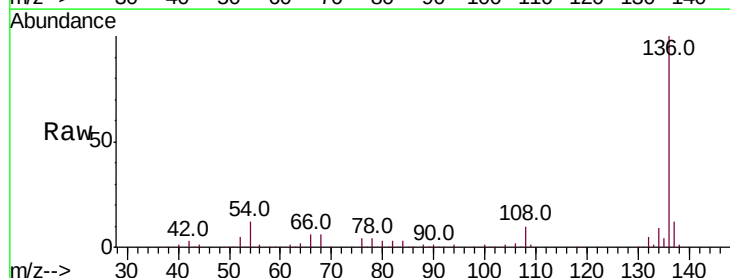
Ion Ratio Lower Upper

136 100

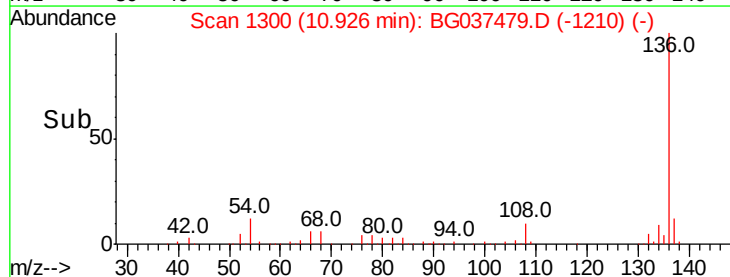
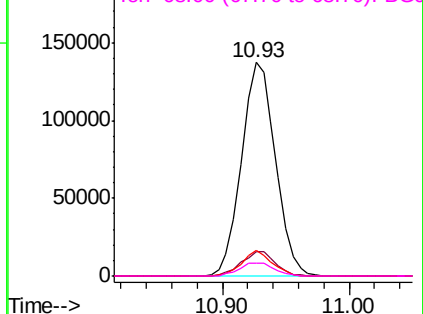
137 11.6 9.6 14.4

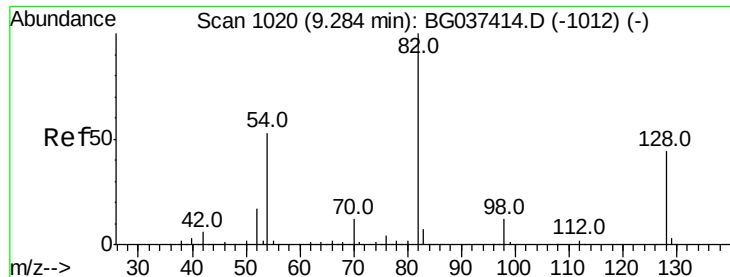
54 12.1 7.9 11.9#

68 5.8 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

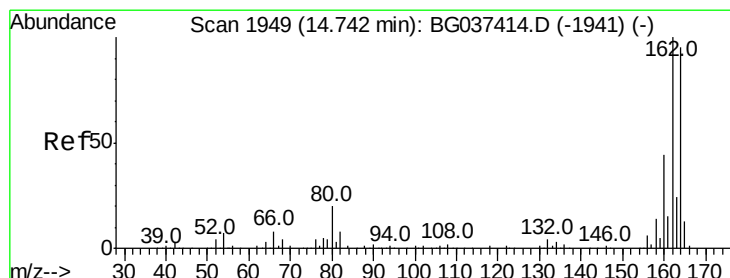
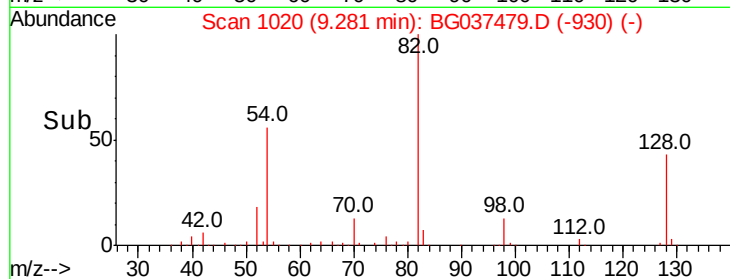
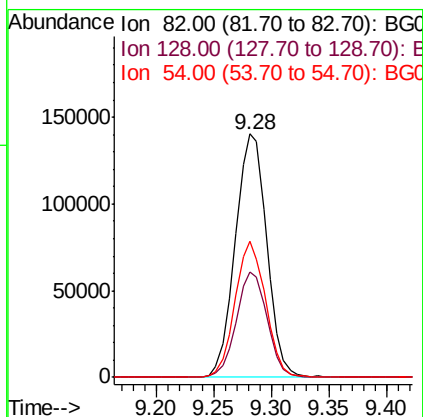
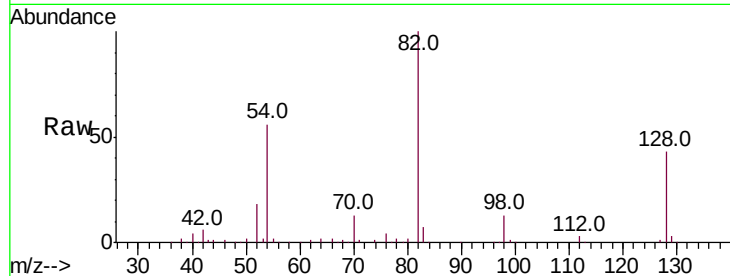




#23
 Nitrobenzene-d5
 Concen: 58.238 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037479.D
 Acq: 23 Oct 2018 16:51

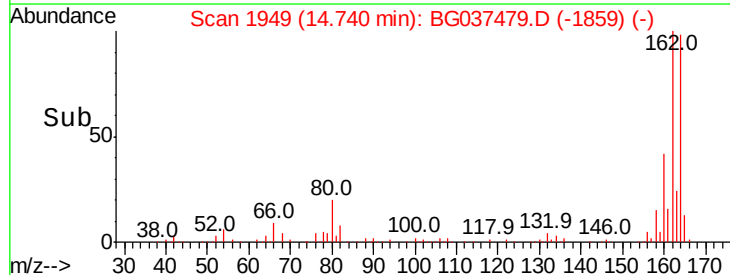
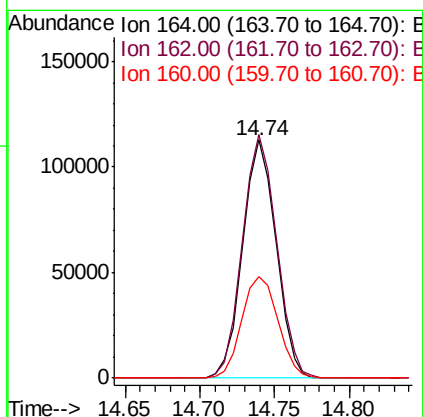
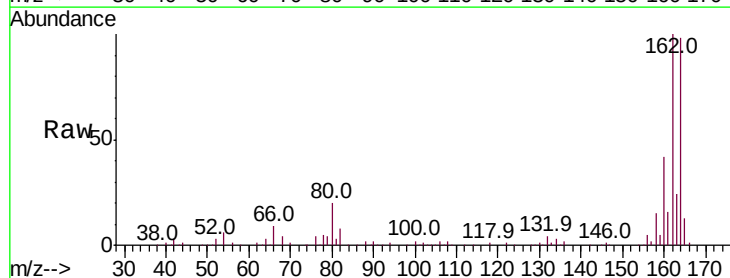
Instrument :
 BNA_G
 ClientSampleId :
 PB114087BL

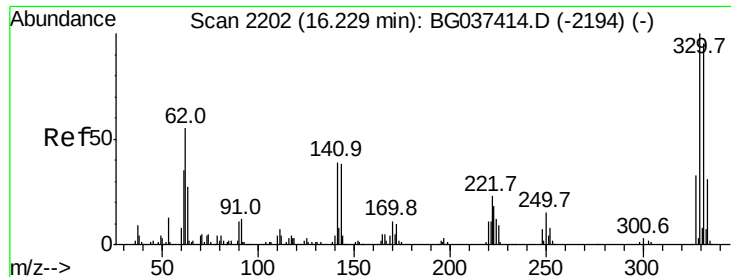
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	51.8
54	56.0	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG037479.D
 Acq: 23 Oct 2018 16:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.3	121.9
160	42.8	36.3	54.5

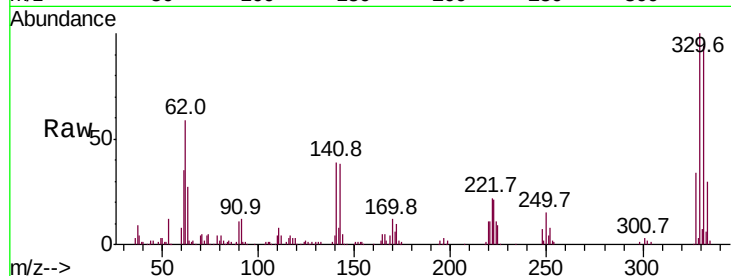




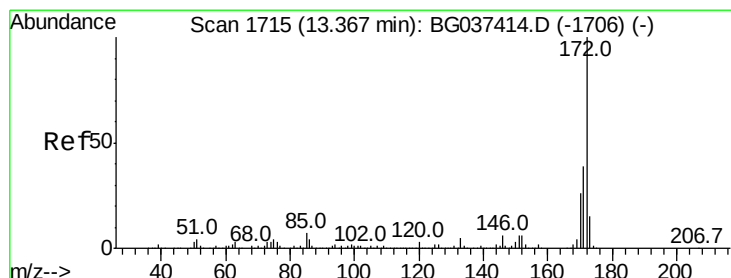
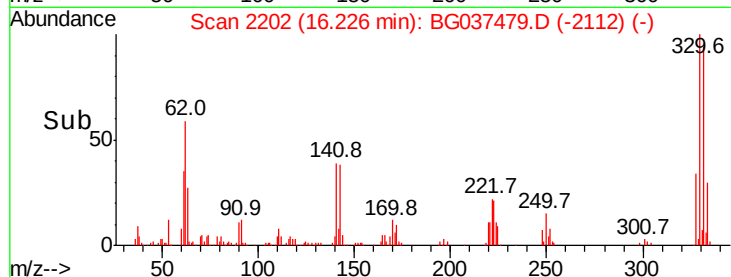
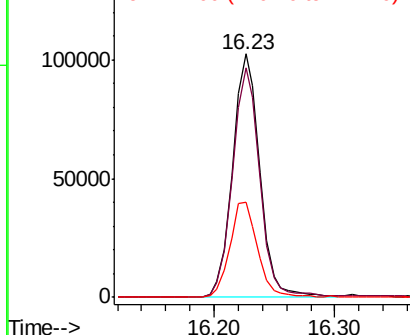
#42
 2,4,6-Tribromophenol
 Concen: 84.886 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037479.D
 Acq: 23 Oct 2018 16:51

Instrument :
 BNA_G
 ClientSampleId :
 PB114087BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.4	117.6
141	39.8	32.2	48.2

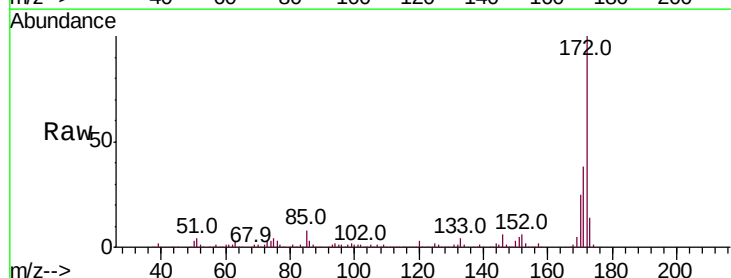


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

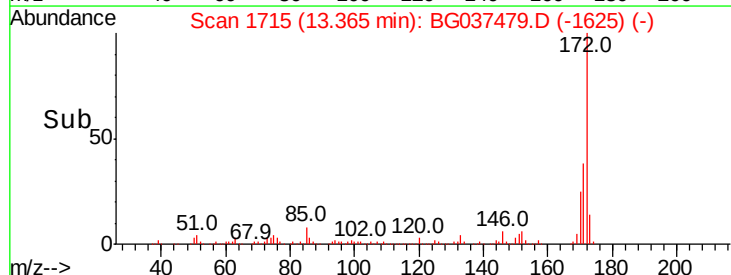
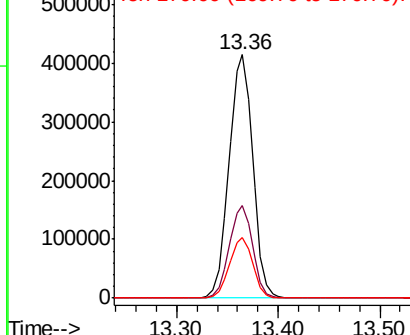


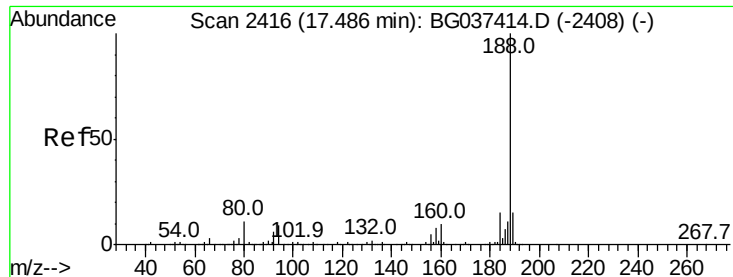
#45
 2-Fluorobiphenyl
 Concen: 57.947 ng
 RT: 13.36 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG037479.D
 Acq: 23 Oct 2018 16:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.1	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: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037479.D

Acq: 23 Oct 2018 16:51

Instrument :

BNA_G

ClientSampleId :

PB114087BL

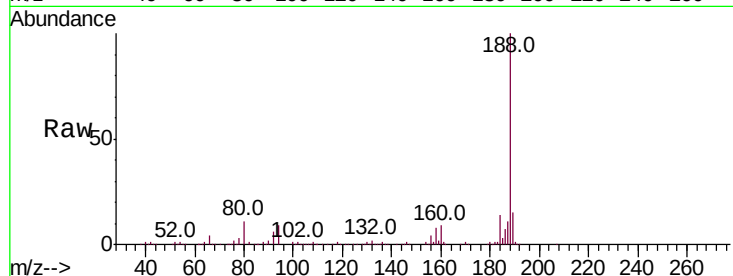
Tot Ion:188 Resp: 448412

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

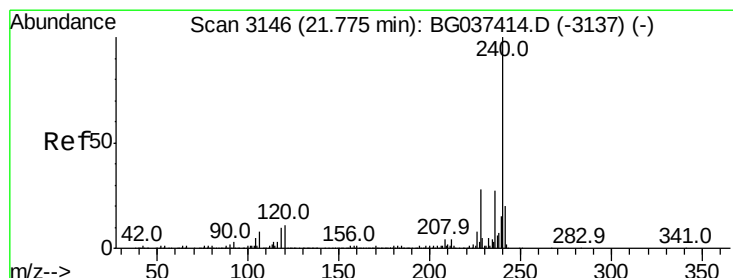
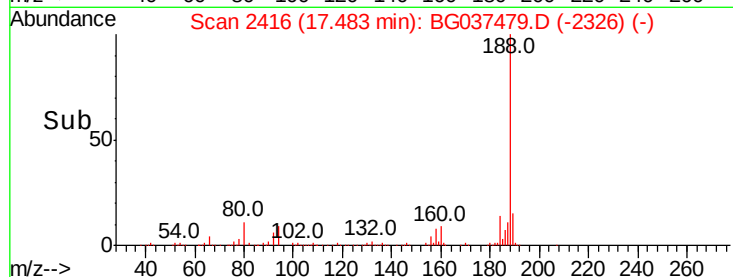
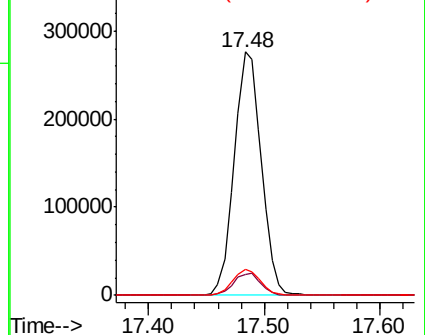
80 10.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG037479.D

Acq: 23 Oct 2018 16:51

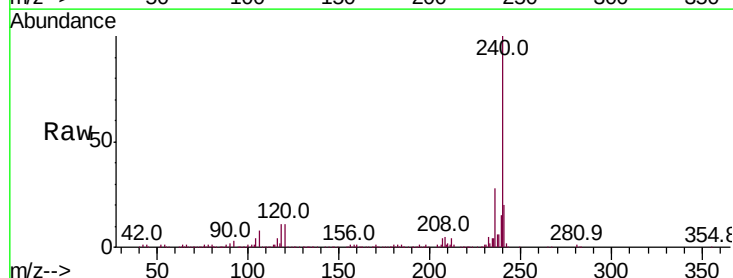
Tgt Ion:240 Resp: 410515

Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

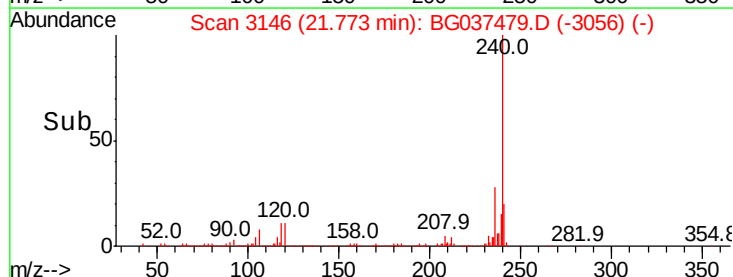
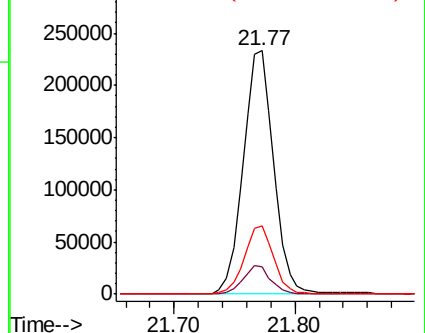
236 27.8 21.4 32.0

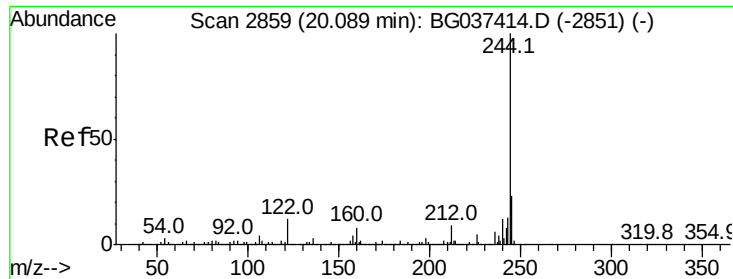


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 58.253 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037479.D

Acq: 23 Oct 2018 16:51

Instrument :

BNA_G

ClientSampled :

PB114087BL

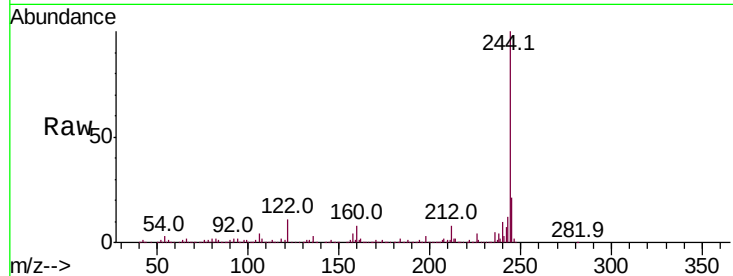
Tot Ion:244 Resp: 1119146

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	11.3	9.0	13.4

244 100

212 8.0 6.5 9.7

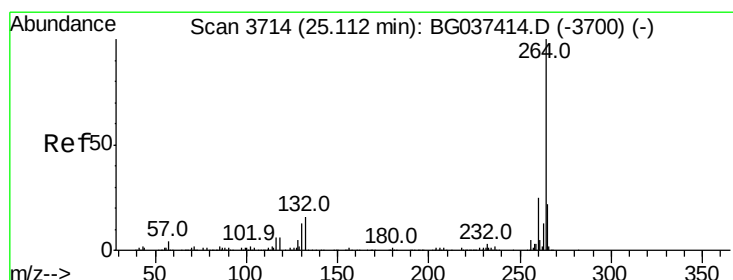
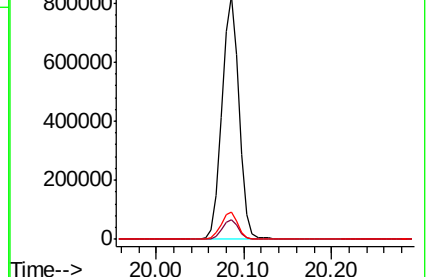
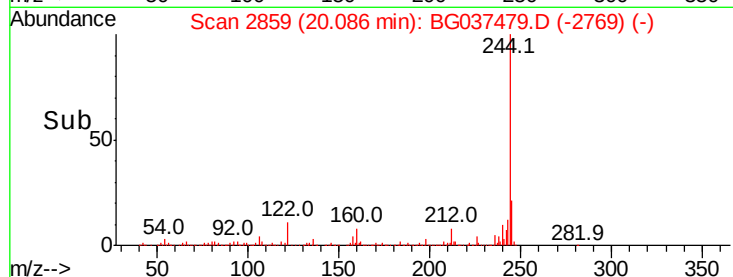
122 11.3 9.0 13.4



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: 25.11 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BG037479.D

Acq: 23 Oct 2018 16:51

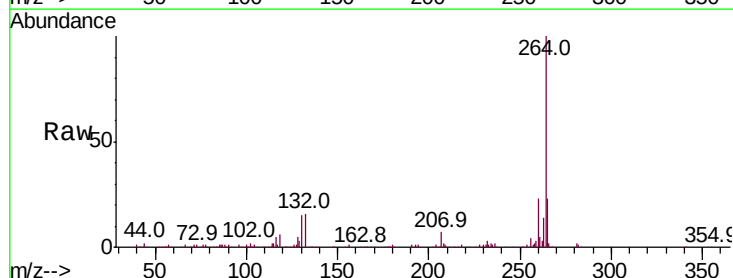
Tgt Ion:264 Resp: 400087

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	23.2	17.9	26.9

264 100

260 23.3 18.2 27.4

265 23.2 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

