

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
 Data File : BG037955.D
 Acq On : 12 Nov 2018 22:01
 Operator : JU/SJ
 Sample : PB114712BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114712BL

Quant Time: Nov 13 06:18:43 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	8.09	152	94350	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	434610	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	288971	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	618561	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	570446	20.00	ng	-0.02
87) Perylene-d12	25.08	264	436868	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	331793	58.79	ng	-0.01
7) Phenol-d6	7.24	99	486498	57.01	ng	-0.01
23) Nitrobenzene-d5	9.27	82	293247	37.80	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	141008	44.74	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	737193	38.47	ng	-0.02
79) Terphenyl-d14	20.07	244	1028685	38.53	ng	-0.02

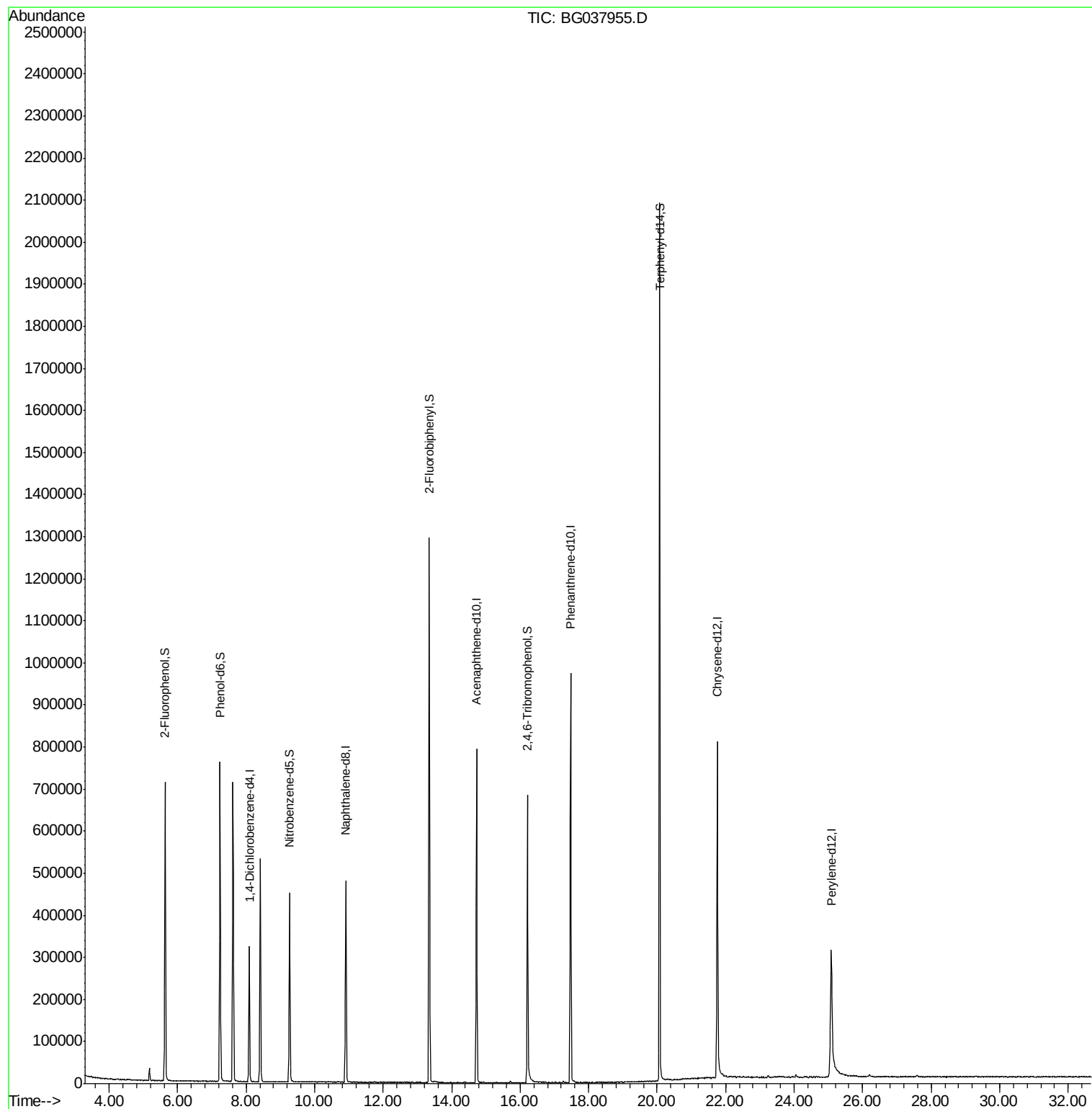
Target Compounds Qvalue

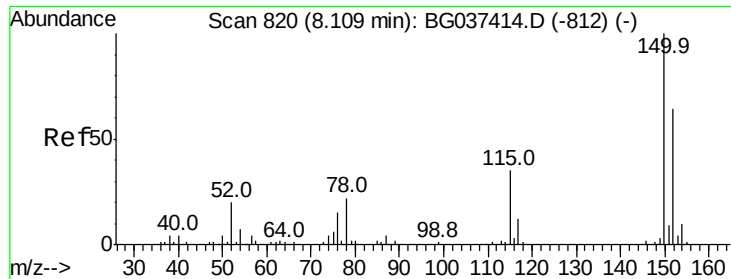
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.09 min Scan# 817

Delta R.T. -0.02 min

Lab File: BG037955.D

Acq: 12 Nov 2018 22:01

Instrument :

BNA_G

ClientSampleId :

PB114712BL

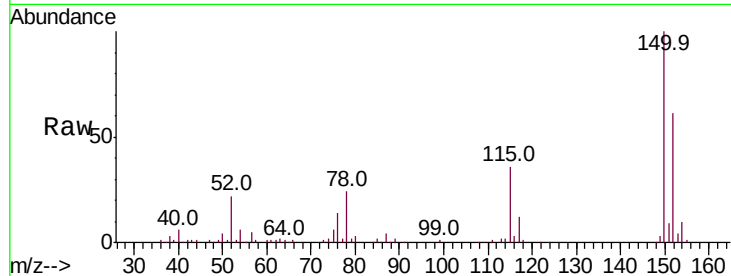
Tot Ion:152 Resp: 94350

Ion Ratio Lower Upper

152 100

150 164.3 126.0 189.0

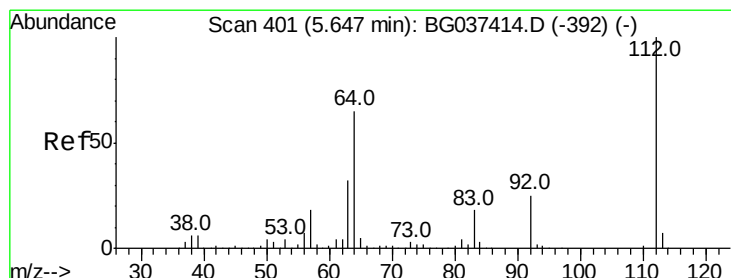
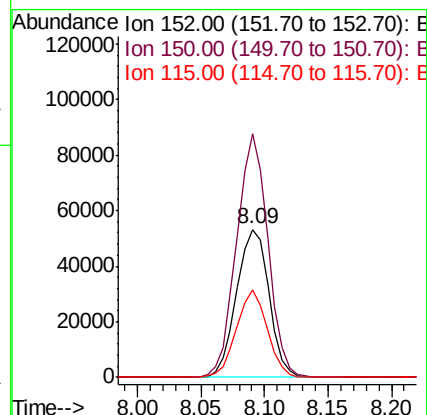
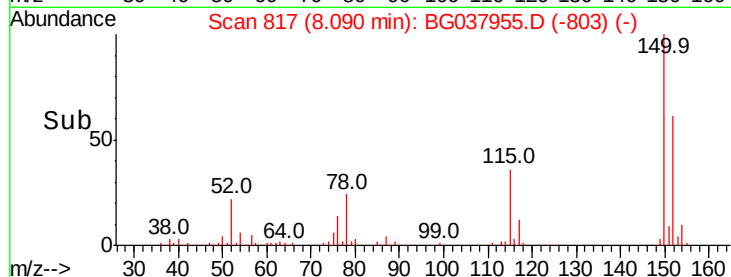
115 59.4 45.5 68.3



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: 58.793 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG037955.D

Acq: 12 Nov 2018 22:01

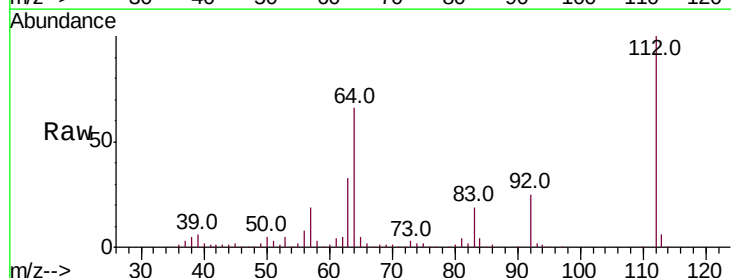
Tgt Ion:112 Resp: 331793

Ion Ratio Lower Upper

112 100

64 65.6 53.1 79.7

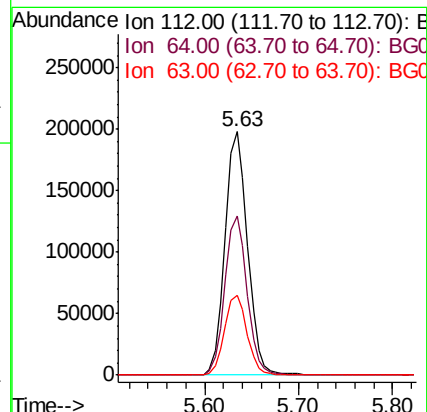
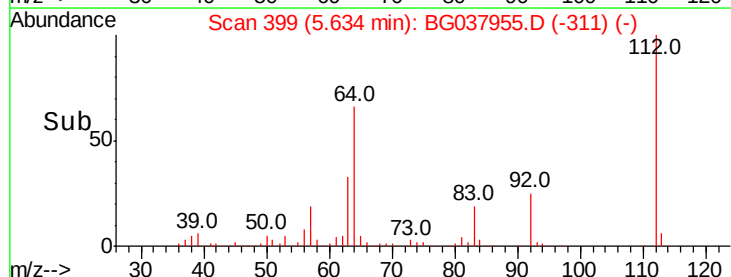
63 32.6 27.3 40.9

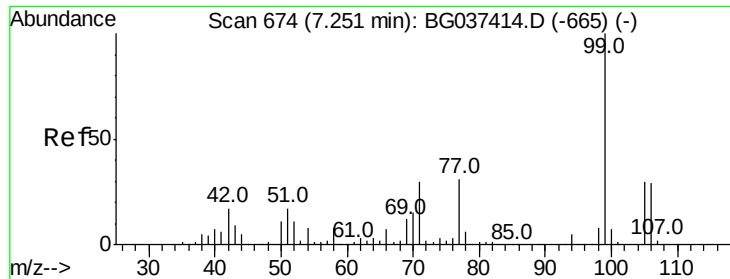


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 57.010 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037955.D

Acq: 12 Nov 2018 22:01

Instrument :

BNA_G

ClientSampleId :

PB114712BL

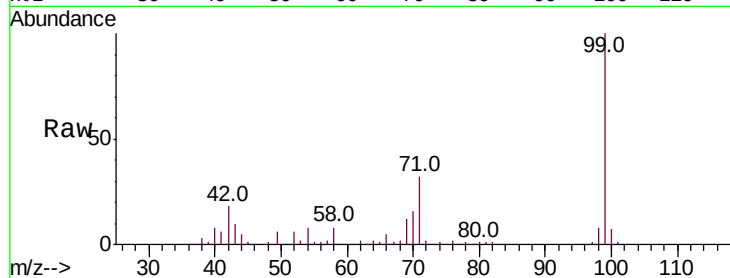
Tot Ion: 99 Resp: 486498

Ion Ratio Lower Upper

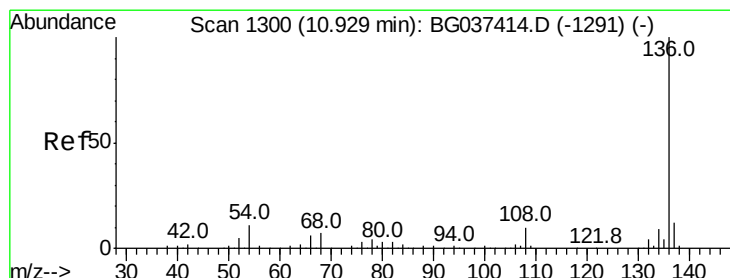
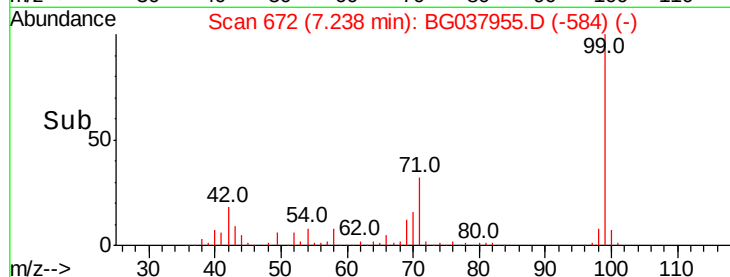
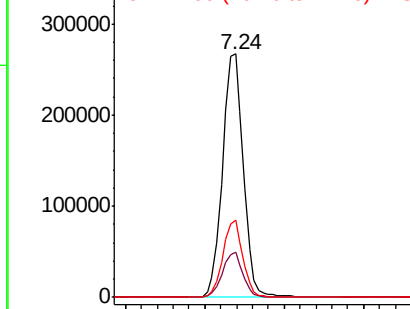
99 100

42 18.4 15.0 22.4

71 31.6 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: 10.91 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BG037955.D

Acq: 12 Nov 2018 22:01

Tgt Ion: 136 Resp: 434610

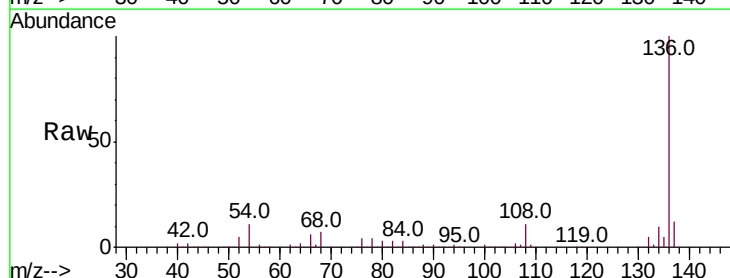
Ion Ratio Lower Upper

136 100

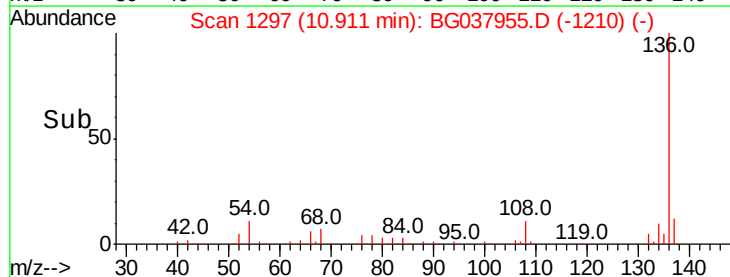
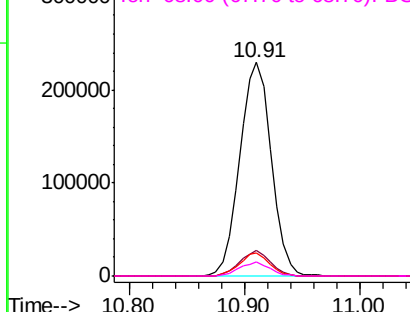
137 11.8 9.6 14.4

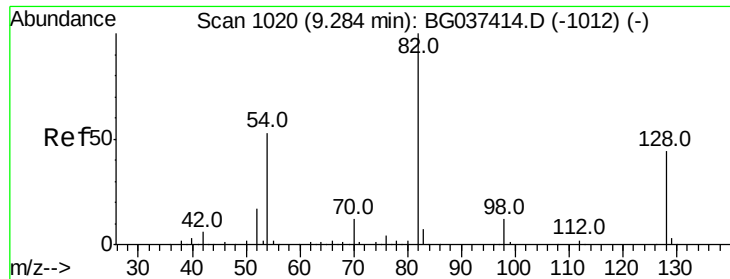
54 10.8 7.9 11.9

68 6.7 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

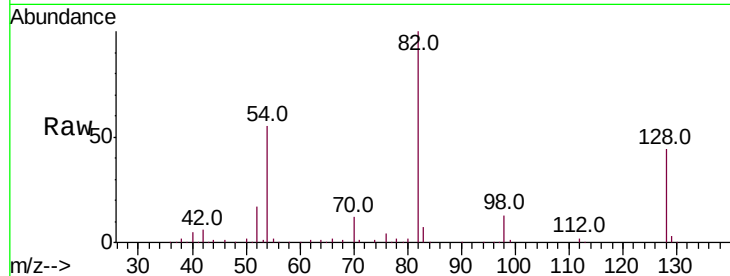




#23
Nitrobenzene-d5
Concen: 37.798 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BG037955.D
Acq: 12 Nov 2018 22:01

Instrument :
BNA_G
ClientSampleId :
PB114712BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	51.8
54	54.6	45.3	67.9

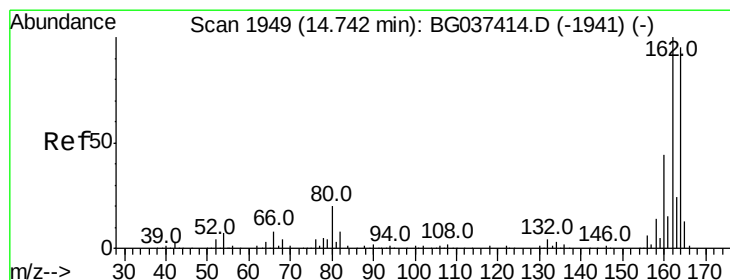
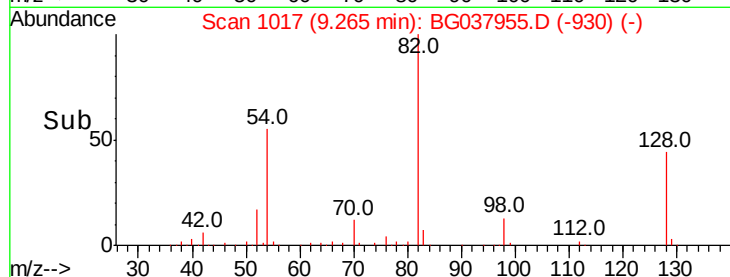
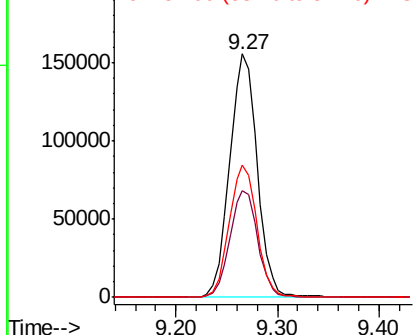


Abundance

Ion 82.00 (81.70 to 82.70): BGC

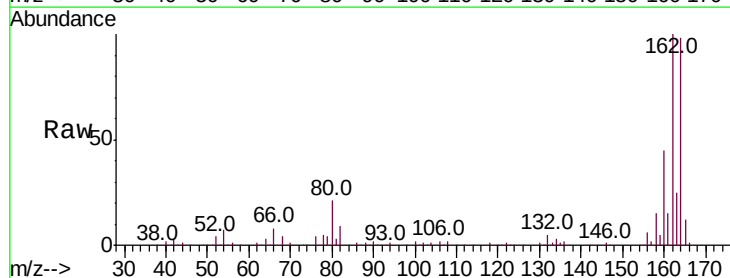
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG037955.D
Acq: 12 Nov 2018 22:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.3	121.9
160	45.6	36.3	54.5

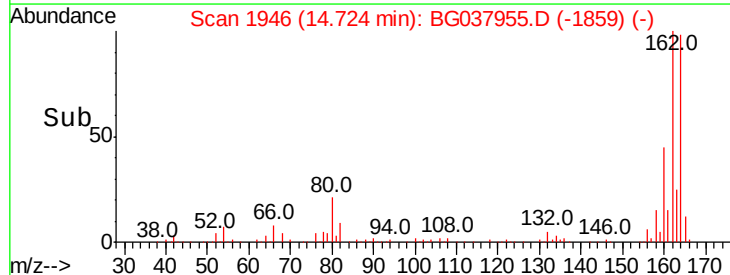
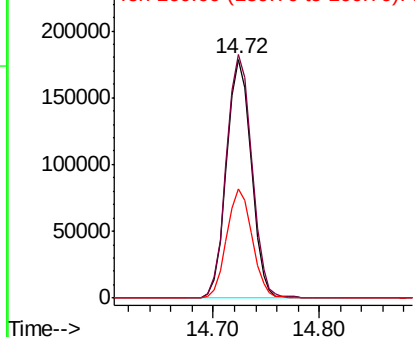


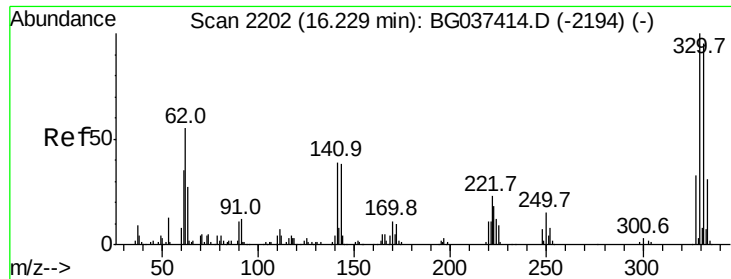
Abundance

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

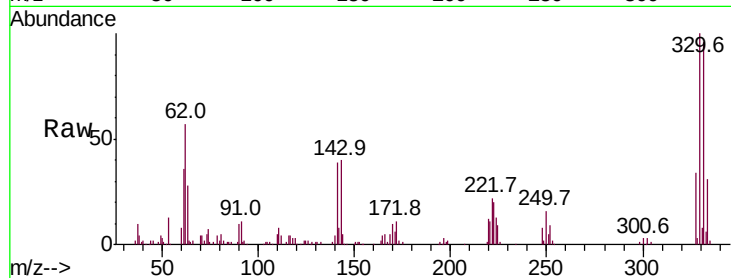




#42
 2,4,6-Tribromophenol
 Concen: 44.739 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.02 min
 Lab File: BG037955.D
 Acq: 12 Nov 2018 22:01

Instrument :
 BNA_G
 ClientSampleID :
 PB114712BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.4	117.6
141	38.1	32.2	48.2

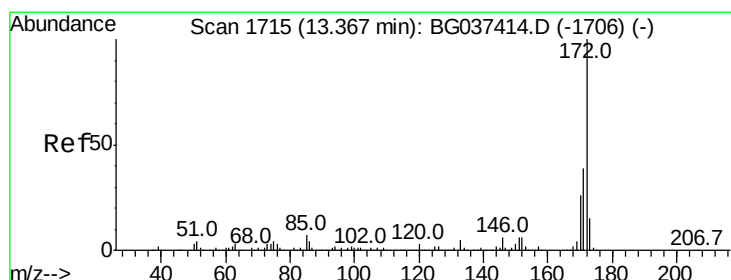
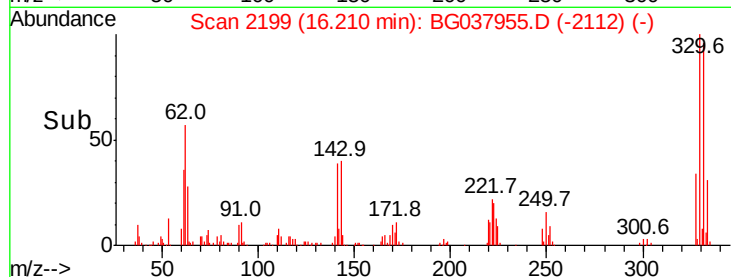
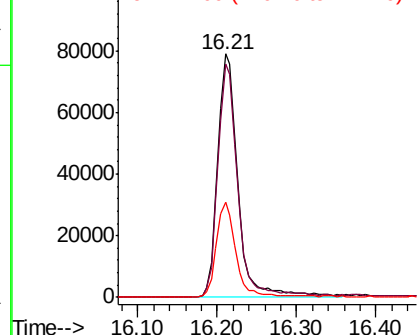


Abundance

Ion 329.80 (329.50 to 330.50): E

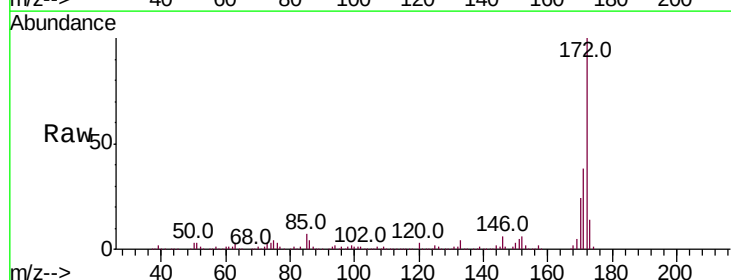
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 38.469 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037955.D
 Acq: 12 Nov 2018 22:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	24.5	20.2	30.2

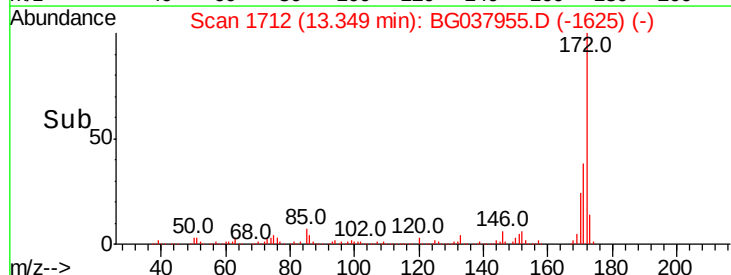
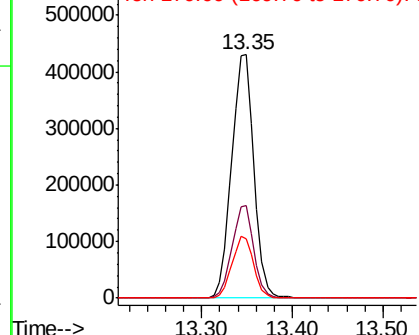


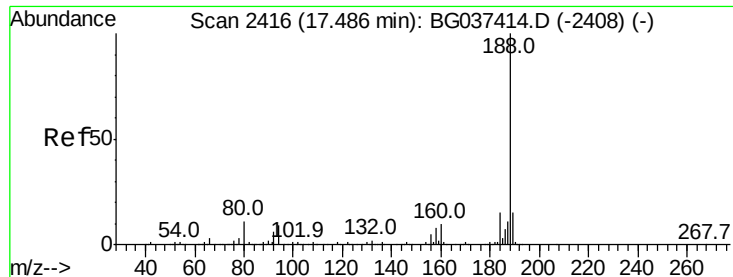
Abundance

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

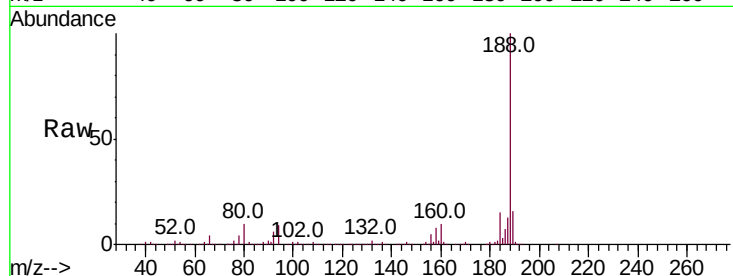




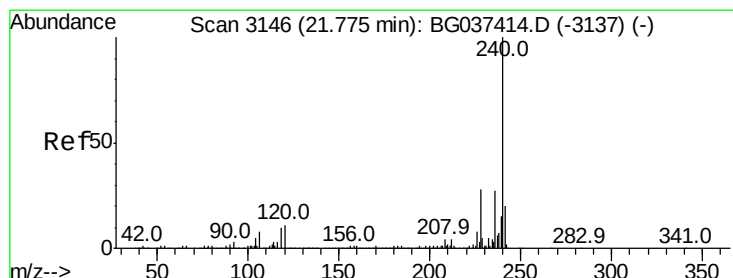
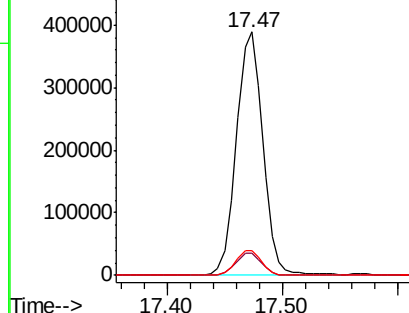
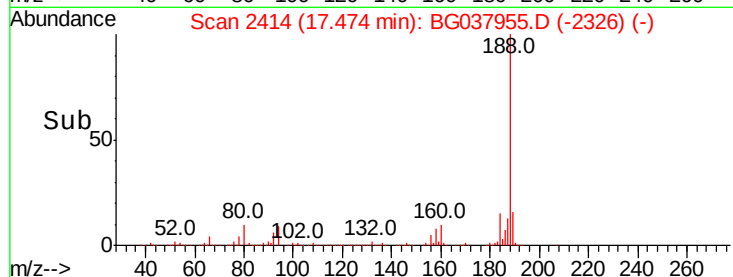
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037955.D
Acq: 12 Nov 2018 22:01

Instrument :
BNA_G
ClientSampleId :
PB114712BL

Tot Ion:188 Resp: 618561
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.3 7.7 11.5

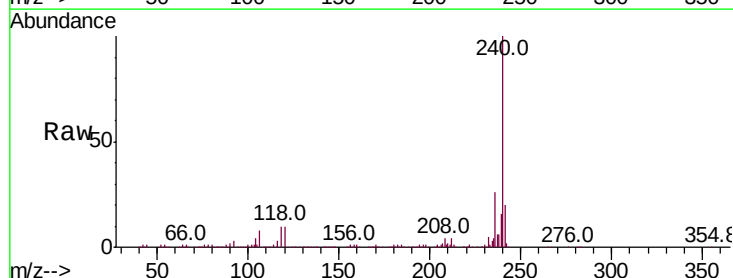


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

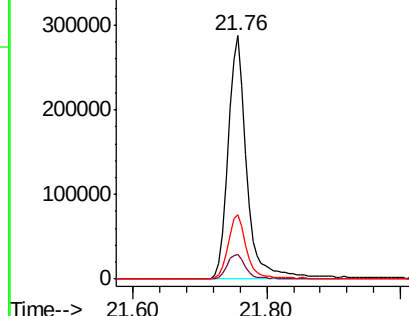
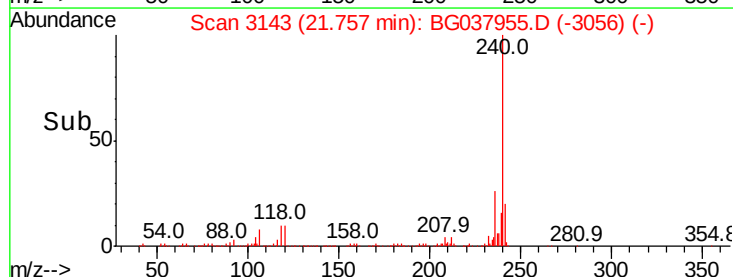


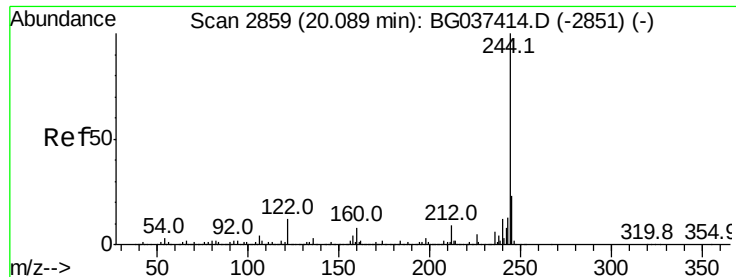
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037955.D
Acq: 12 Nov 2018 22:01

Tgt Ion:240 Resp: 570446
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 26.4 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: 38.532 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG037955.D

Acq: 12 Nov 2018 22:01

Instrument :

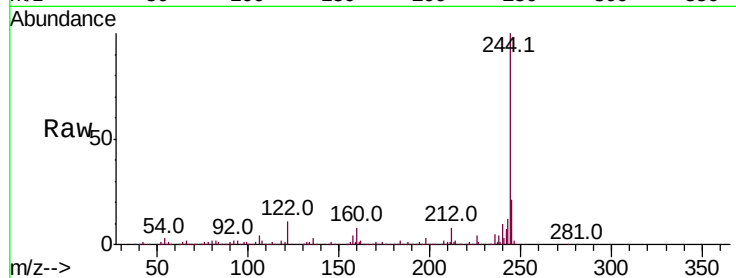
BNA_G

ClientSampleId :

PB114712BL

Tot Ion:244 Resp: 1028685

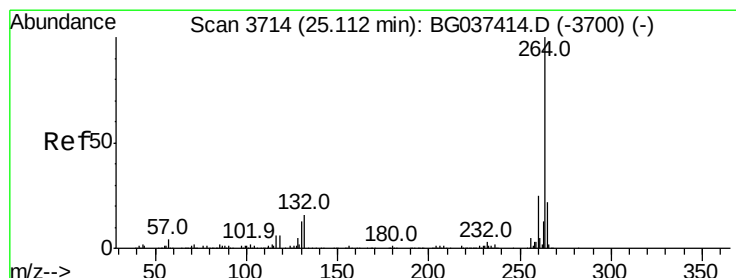
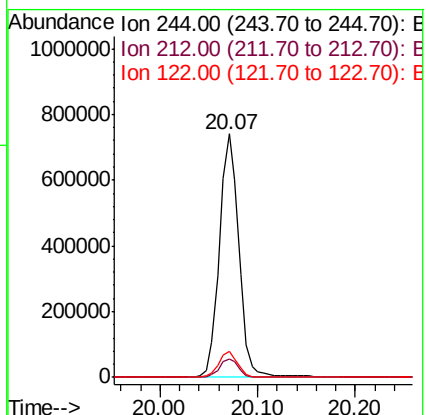
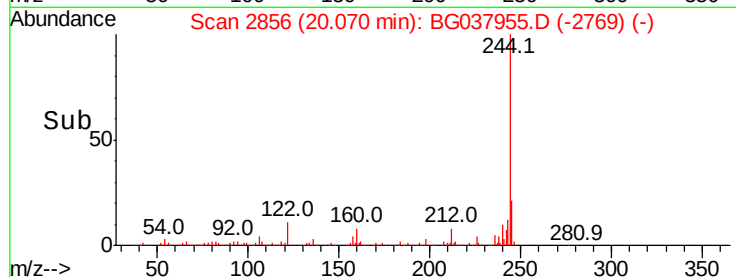
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	10.6	9.0	13.4



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: 25.08 min Scan# 3709

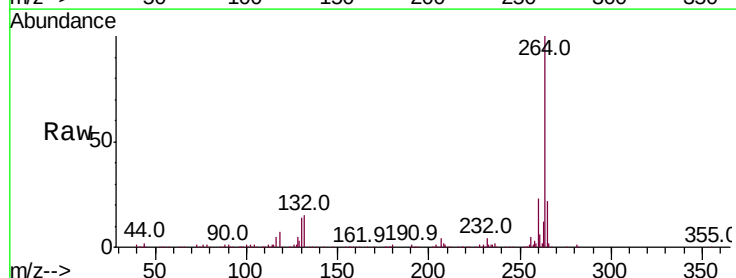
Delta R.T. -0.03 min

Lab File: BG037955.D

Acq: 12 Nov 2018 22:01

Tgt Ion:264 Resp: 436868

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	22.4	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

