Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG062217\
Data File : BG027601.D
Acq On : 22 Jun 2017 18:15
Operator : SJ/JU
Sample : PB100013BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB100013BL

Quant Time: Jun 23 02:09:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	26526	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	106285	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	58014	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	149705	20.00	ng	0.00
75) Chrysene-d12	22.20	240	191855	20.00	ng	-0.01
86) Perylene-d12	25.84	264	181460	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.71	172	188751	44.44	ng	0.00
78) Terphenyl-d14	0.00	244	0	0.00	ng	

Target Compounds	Qvalue

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

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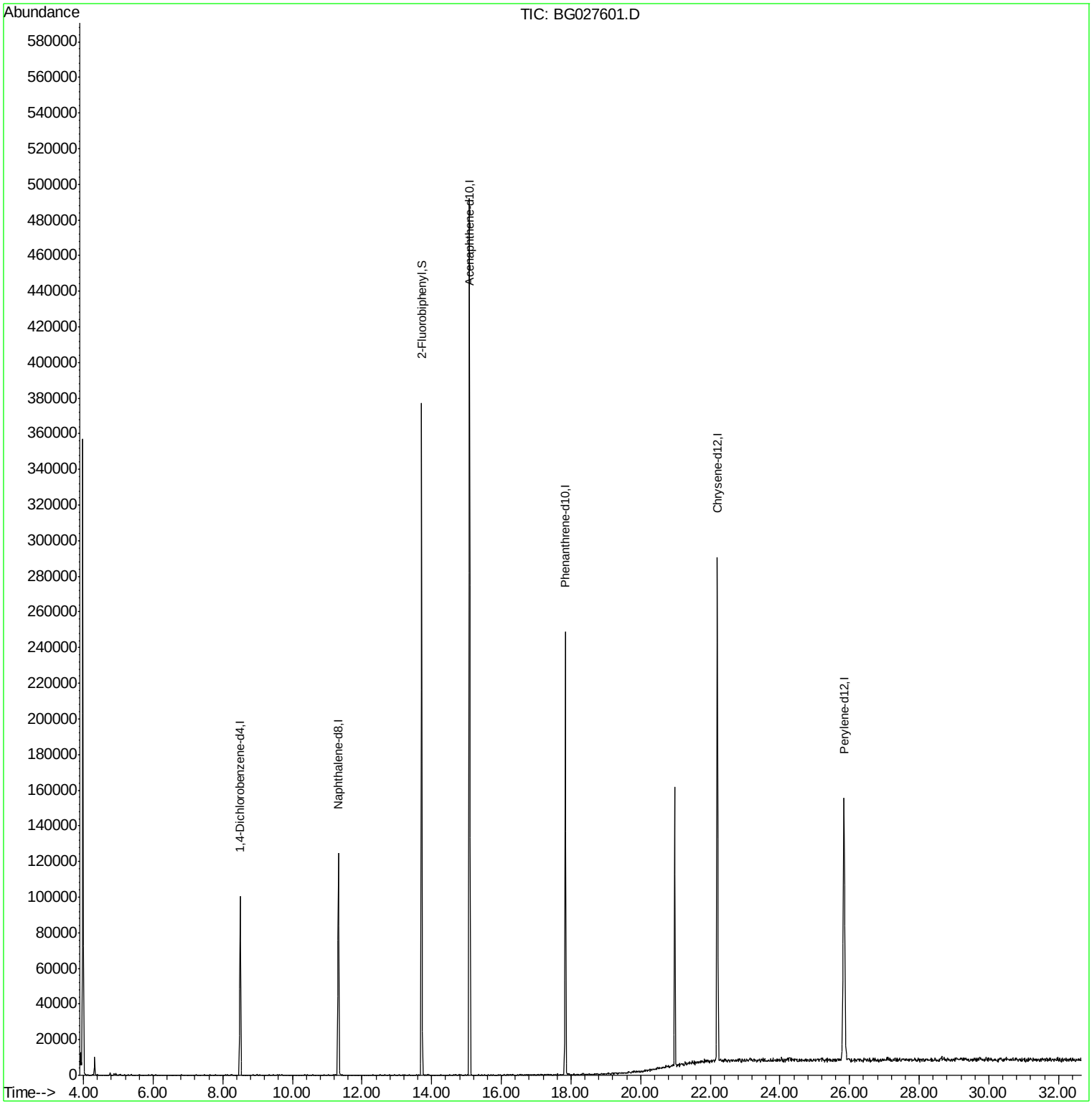
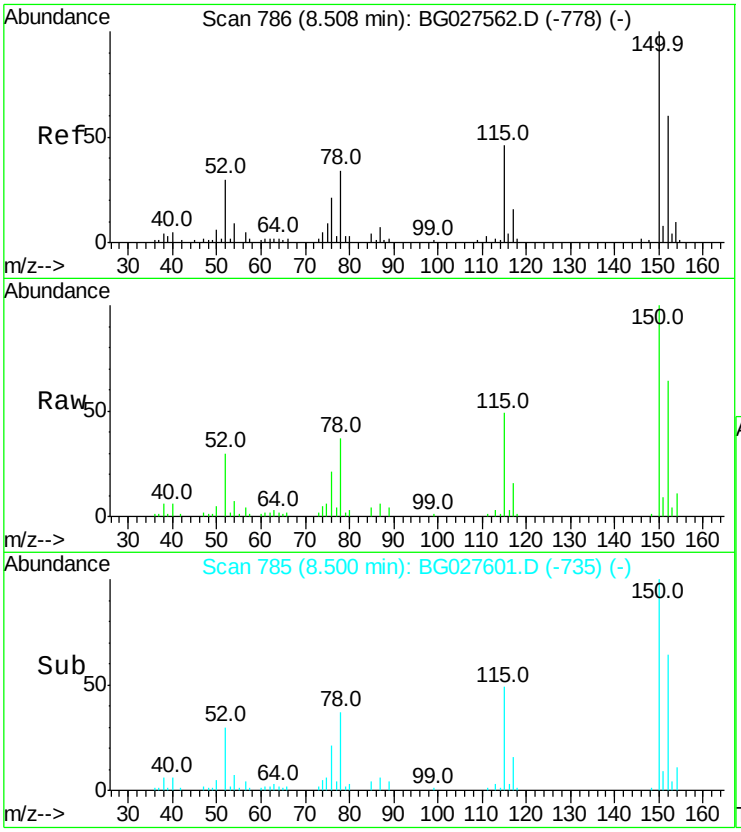


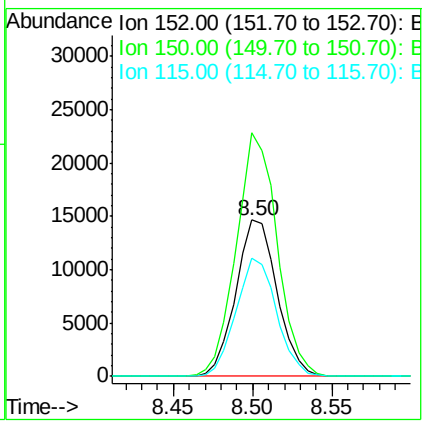


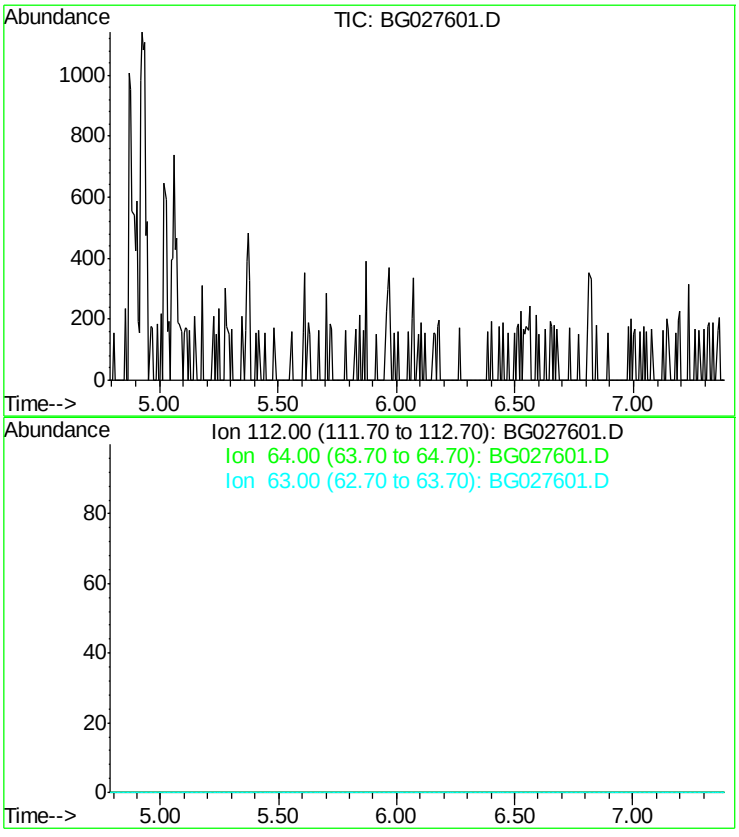
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.50 min Scan# 785
Delta R.T. -0.01 min
Lab File: BG027601.D
Acq: 22 Jun 2017 18:15

Instrument :
BNA_G
ClientSampleId :
PB100013BL

Tgt Ion:152 Resp: 26526

Ion	Ratio	Lower	Upper
152	100		
150	155.8	114.0	171.0
115	75.8	48.1	72.1#



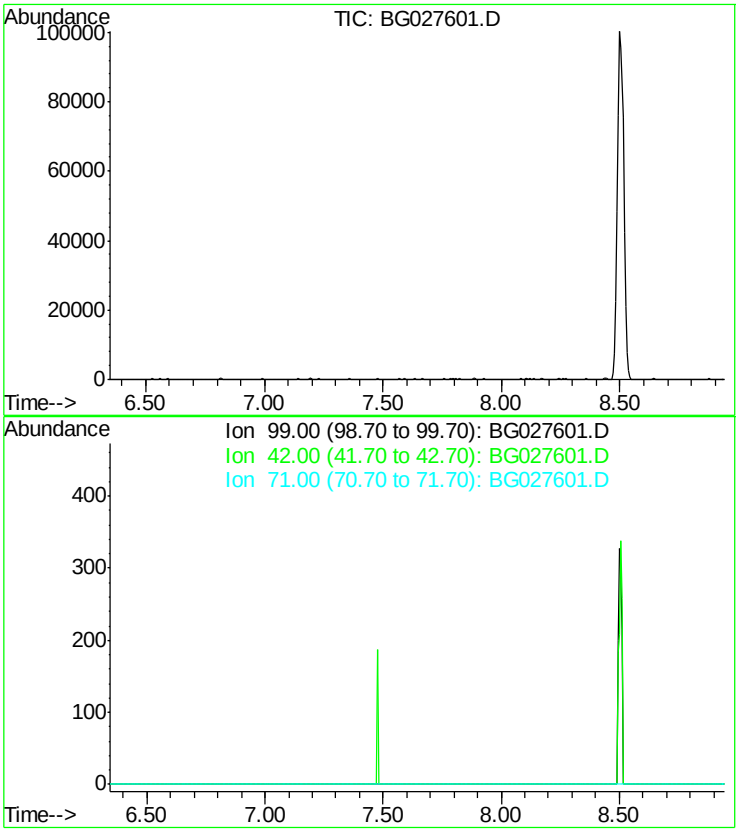


#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 6.09 min

Lab File: BG027601.D
Acq: 22 Jun 2017 18:15

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	77.2
63	46.5



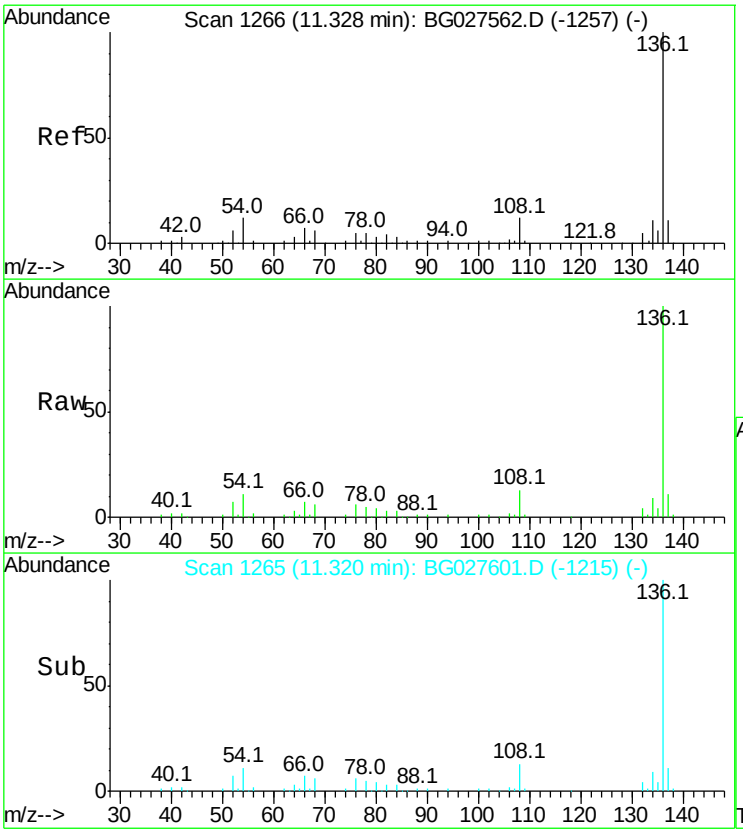
#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 7.64 min

Lab File: BG027601.D
Acq: 22 Jun 2017 18:15

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	25.6
71	47.0

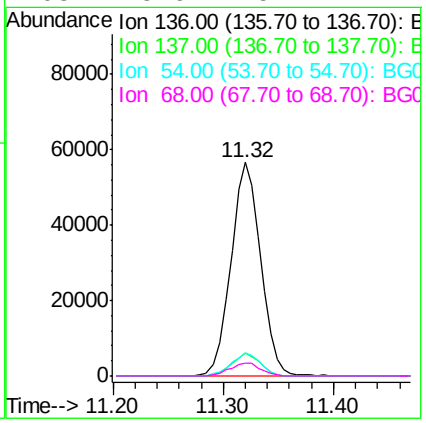
Instrument :
BNA_G
ClientSampleId :
PB100013BL

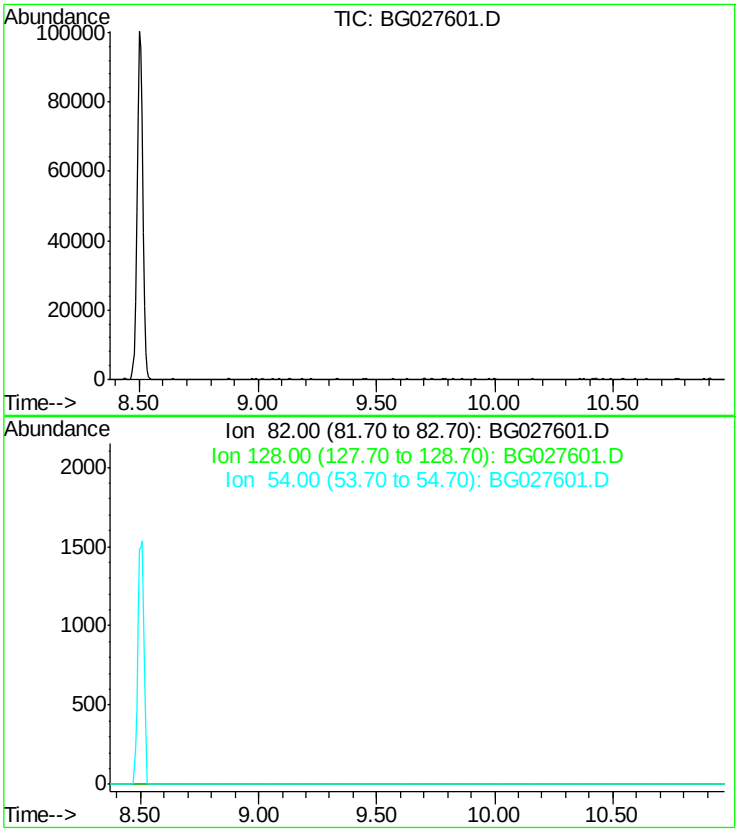


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.32 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG027601.D
Acq: 22 Jun 2017 18:15

Tgt Ion:136 Resp: 106285

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	11.0	9.3	13.9
68	5.9	5.1	7.7





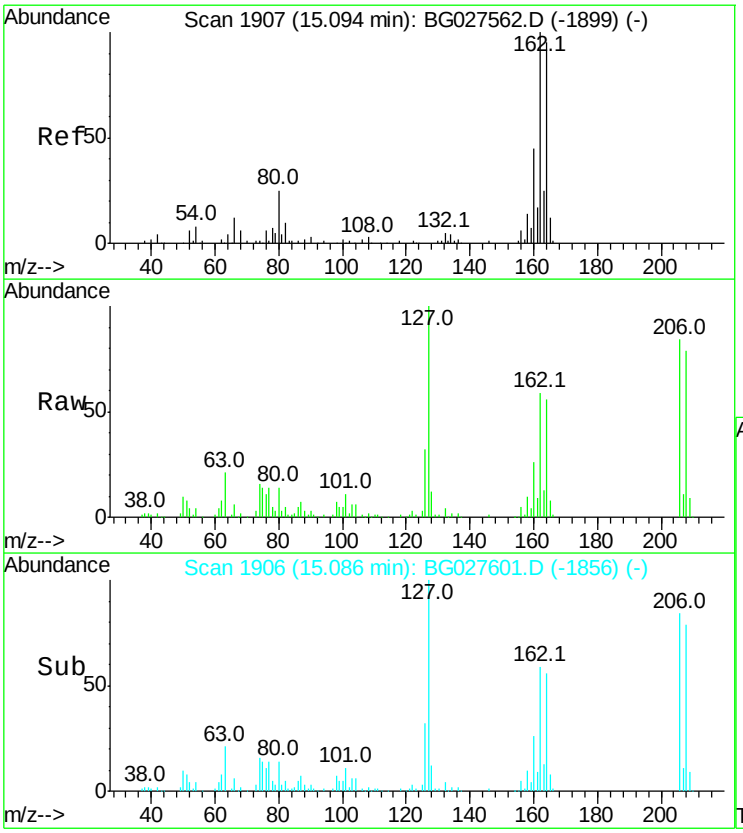
#23
Nitrobenzene-d5
Concen: 0.00 ng
Expected RT: 9.67 min

Lab File: BG027601.D
Acq: 22 Jun 2017 18:15

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	33.0
54	61.8

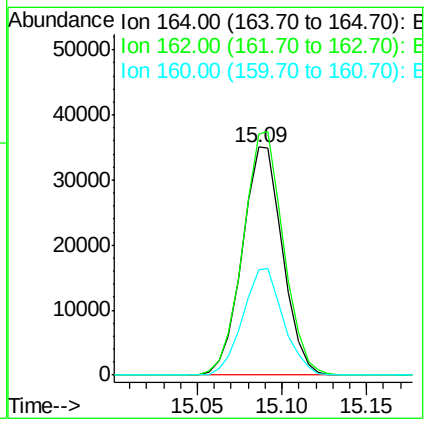
Instrument :
BNA_G
ClientSampleId :
PB100013BL

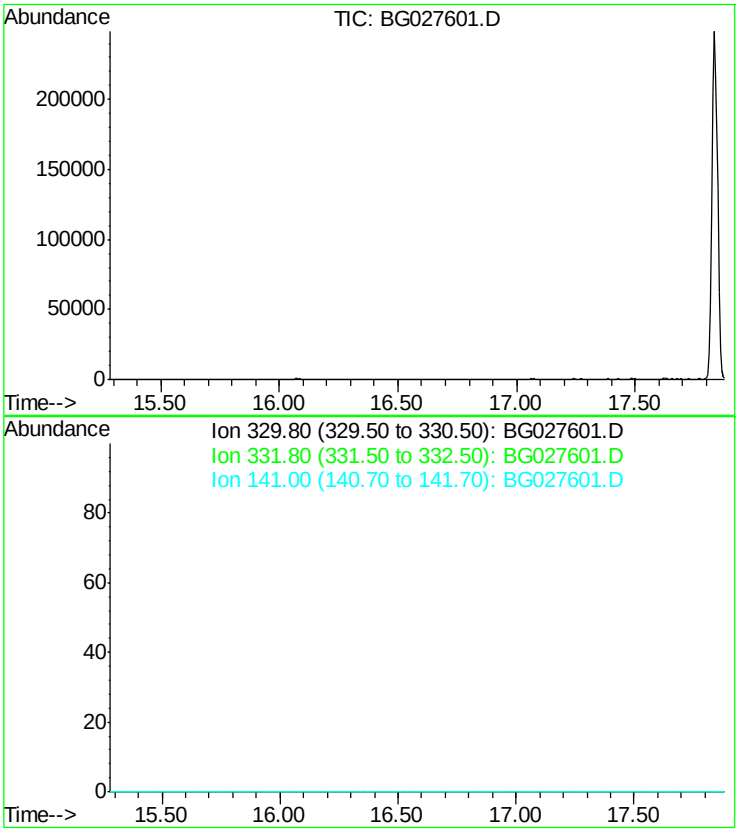


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG027601.D
Acq: 22 Jun 2017 18:15

Tgt Ion:164 Resp: 58014

Ion	Ratio	Lower	Upper
164	100		
162	105.7	85.1	127.7
160	46.3	34.7	52.1





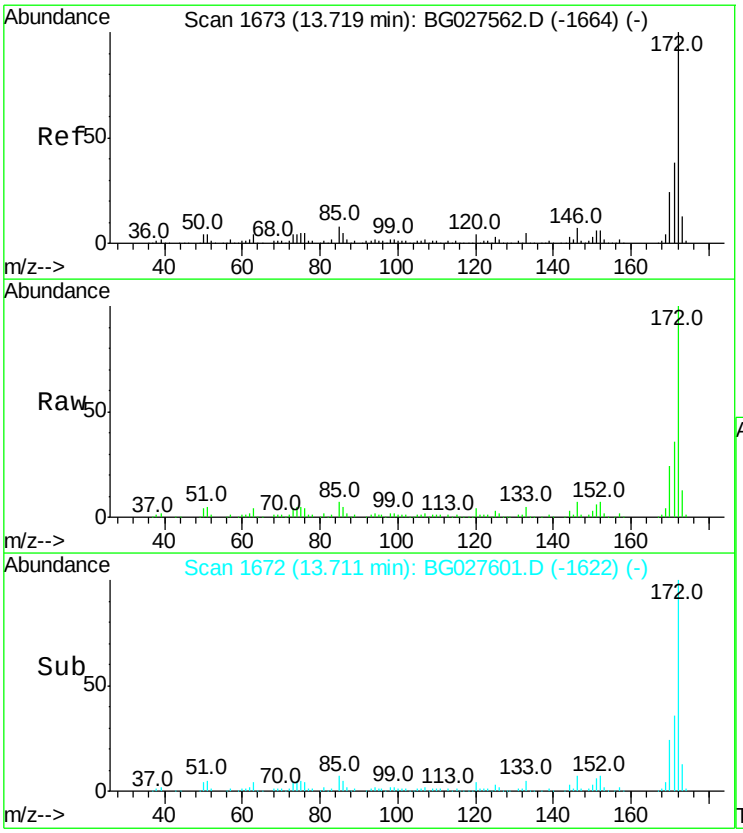
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 16.58 min

Lab File: BG027601.D
Acq: 22 Jun 2017 18:15

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.6
141	40.1

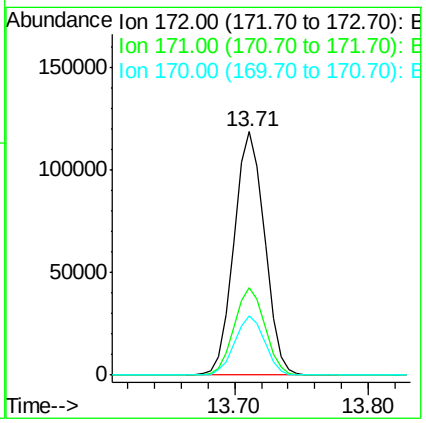
Instrument :
BNA_G
ClientSampleId :
PB100013BL

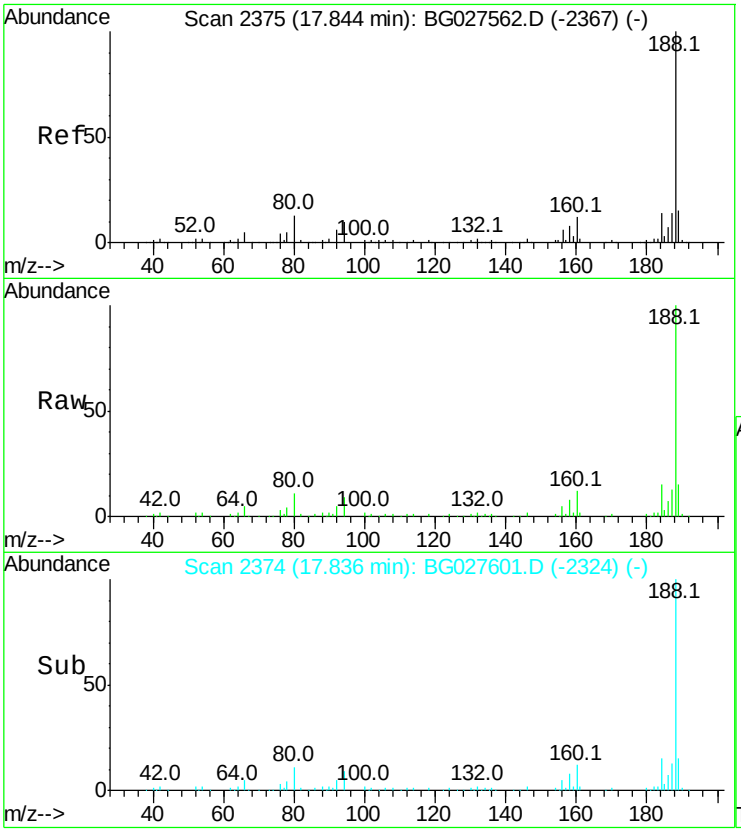


#44
2-Fluorobiphenyl
Concen: 44.44 ng
RT: 13.71 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BG027601.D
Acq: 22 Jun 2017 18:15

Tgt Ion:172 Resp: 188751

Ion	Ratio	Lower	Upper
172	100		
171	36.1	32.2	48.2
170	24.3	21.8	32.6



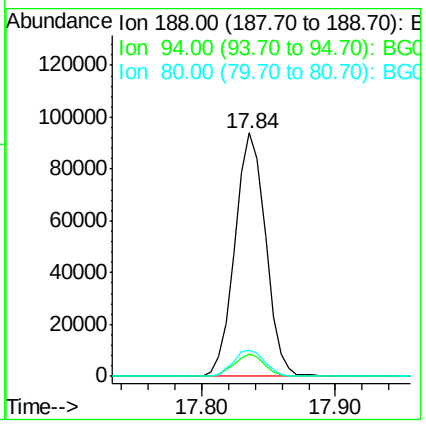


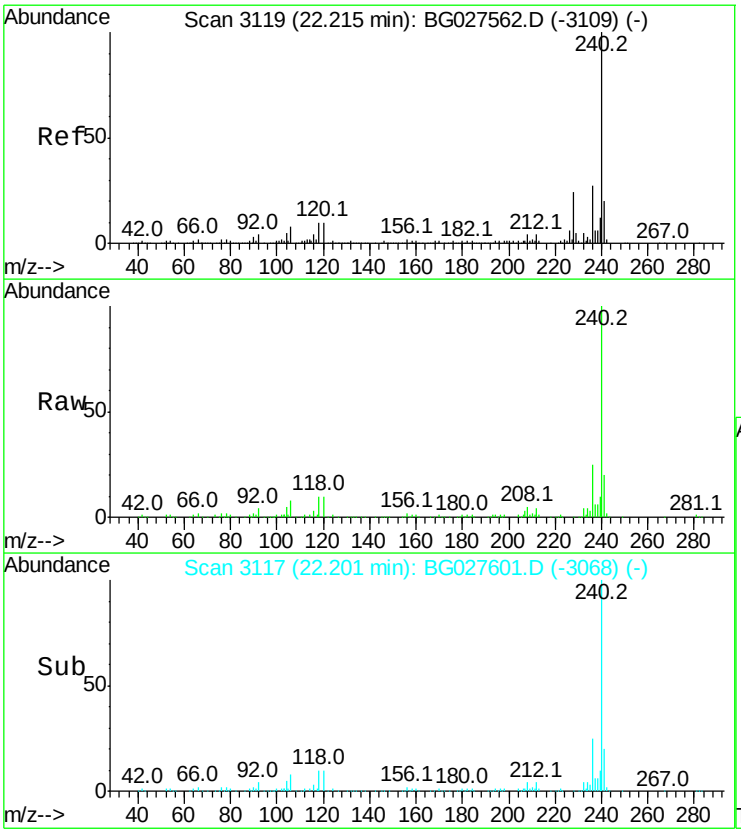
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027601.D
Acq: 22 Jun 2017 18:15

Instrument :
BNA_G
ClientSampleId :
PB100013BL

Tgt Ion:188 Resp: 149705

Ion	Ratio	Lower	Upper
188	100		
94	9.2	5.8	8.8#
80	10.8	7.5	11.3

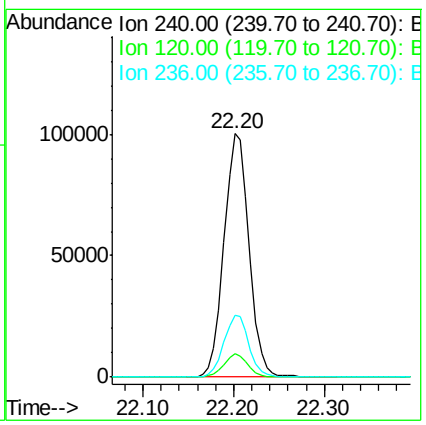


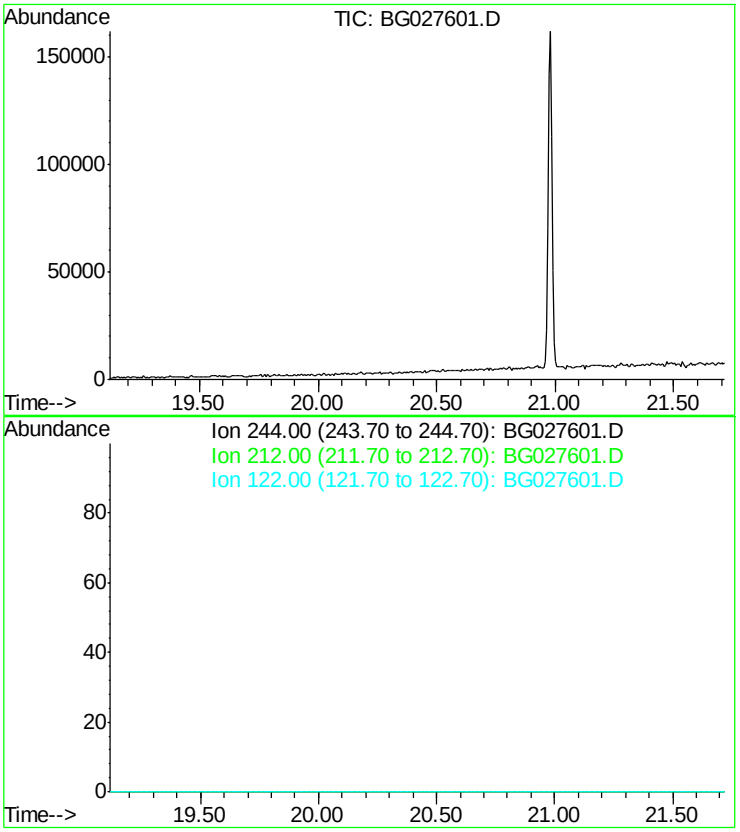


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.20 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG027601.D
Acq: 22 Jun 2017 18:15

Tgt Ion:240 Resp: 191855

Ion	Ratio	Lower	Upper
240	100		
120	9.6	5.7	8.5#
236	25.2	22.2	33.4





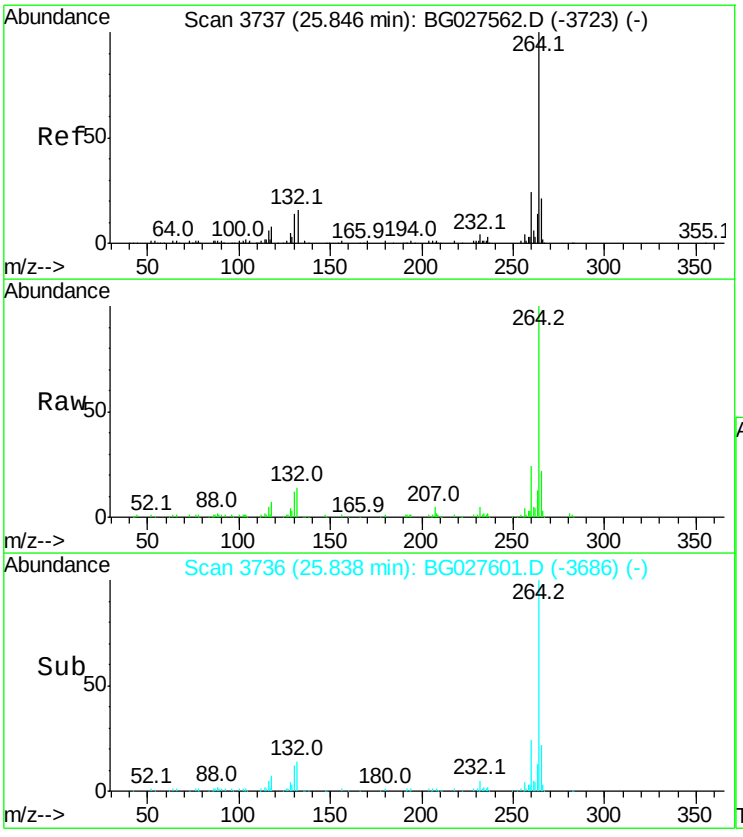
#78
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 20.42 min

Lab File: BG027601.D
Acq: 22 Jun 2017 18:15

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	12.5
122	10.7

Instrument :
BNA_G
ClientSampleId :
PB100013BL



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.84 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG027601.D
Acq: 22 Jun 2017 18:15

Tgt Ion:264 Resp: 181460

Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	22.4	18.2	27.4