Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050615\
Data File : BG016898.D
Acq On : 6 May 2015 14:25
Operator : TP/IZ
Sample : G2124-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SVOC-GPC-BLANK

Quant Time: May 07 04:33:53 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 03:57:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	64252	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	301216	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	203420	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	454747	20.00	ng	0.00
75) Chrysene-d12	21.36	240	448040	20.00	ng	0.00
86) Perylene-d12	23.66	264	437507	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.87	99	61	0.01	ng	-0.10
23) Nitrobenzene-d5	8.95	82	68	0.01	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.03	172	59	0.00	ng	-0.03
78) Terphenyl-d14	19.78	244	68	0.00	ng	-0.03
Target Compounds						Qvalue

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

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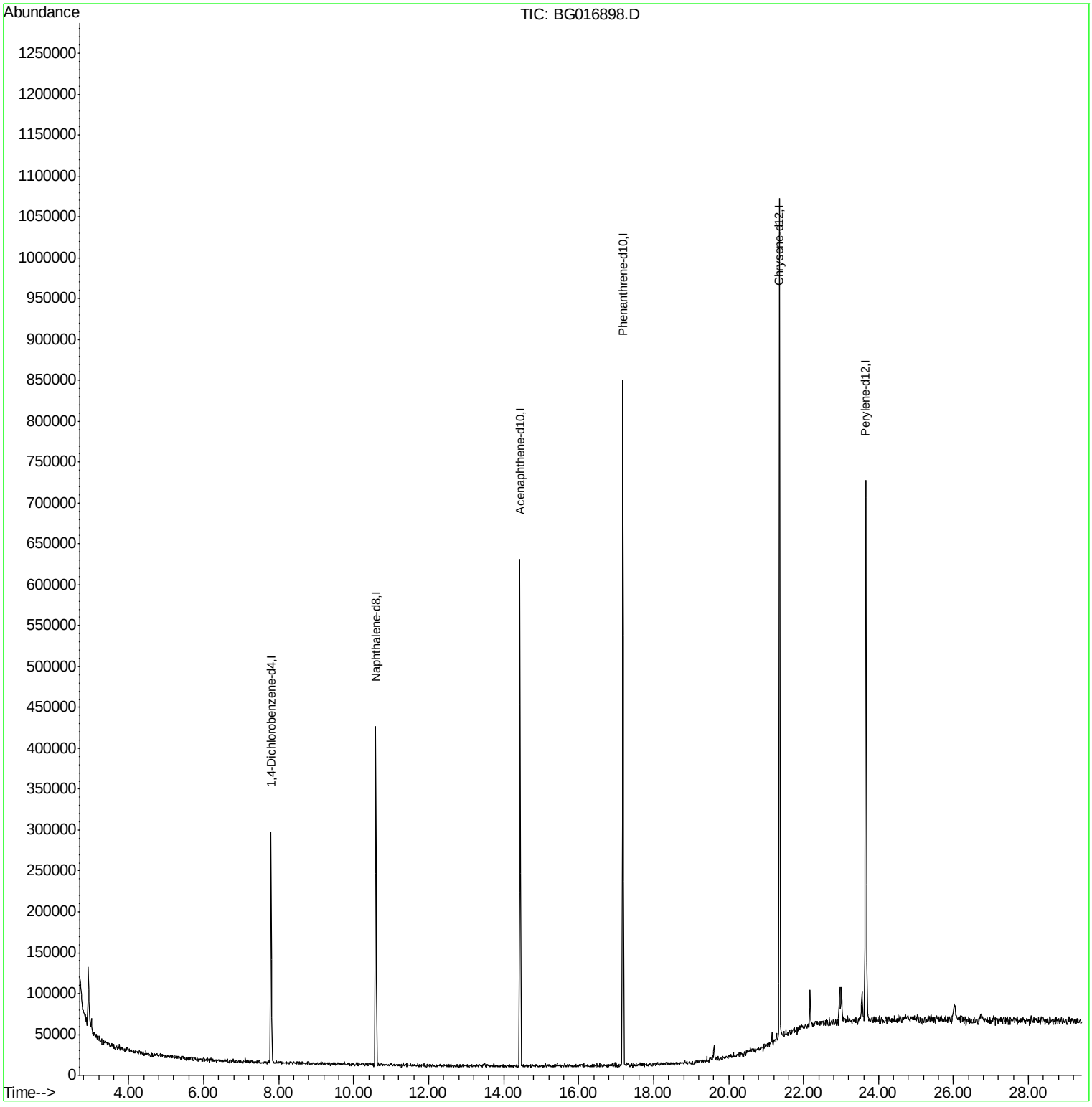
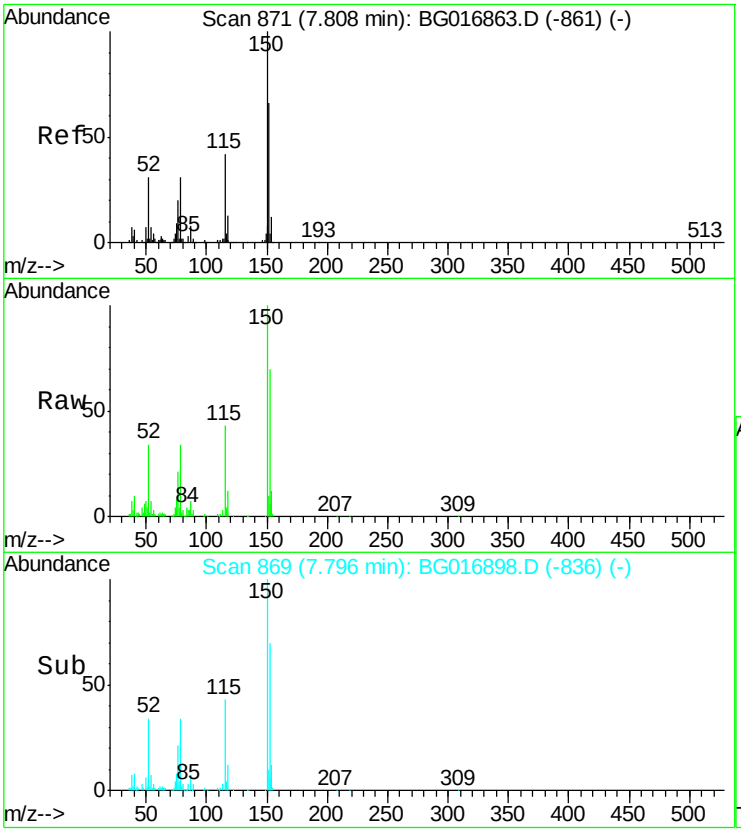


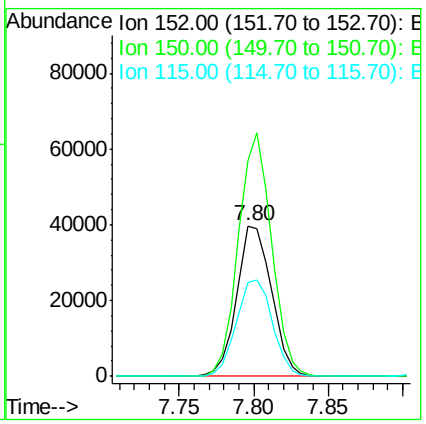


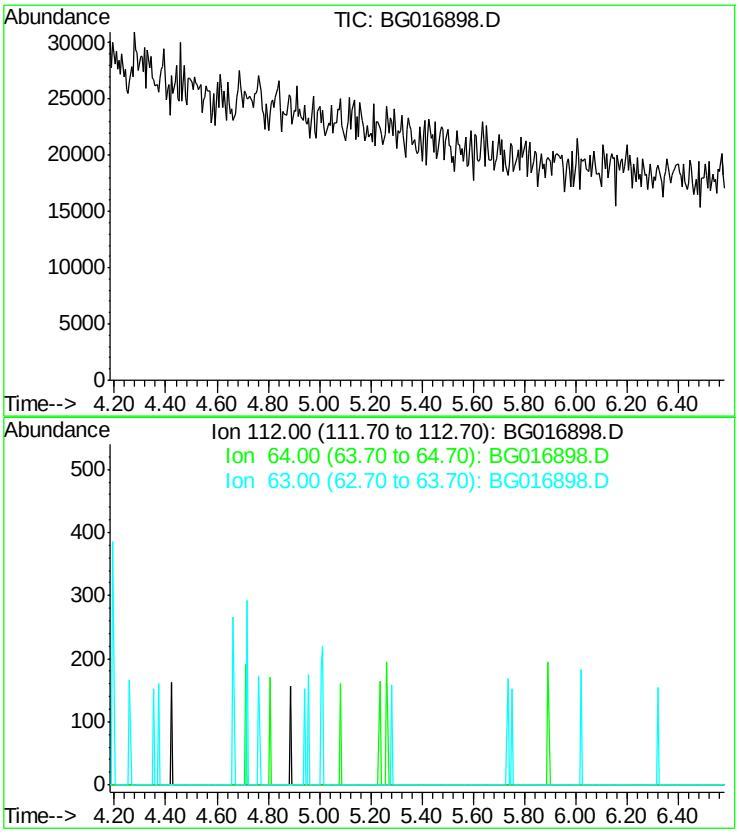
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 869
Delta R.T. -0.00 min
Lab File: BG016898.D
Acq: 6 May 2015 14:25

Tgt Ion:152 Resp: 64252

Ion	Ratio	Lower	Upper
152	100		
150	143.7	121.0	181.4
115	62.2	50.5	75.7

Instrument :
BNA_G
ClientSampleId :
SVOC-GPC-BLANK



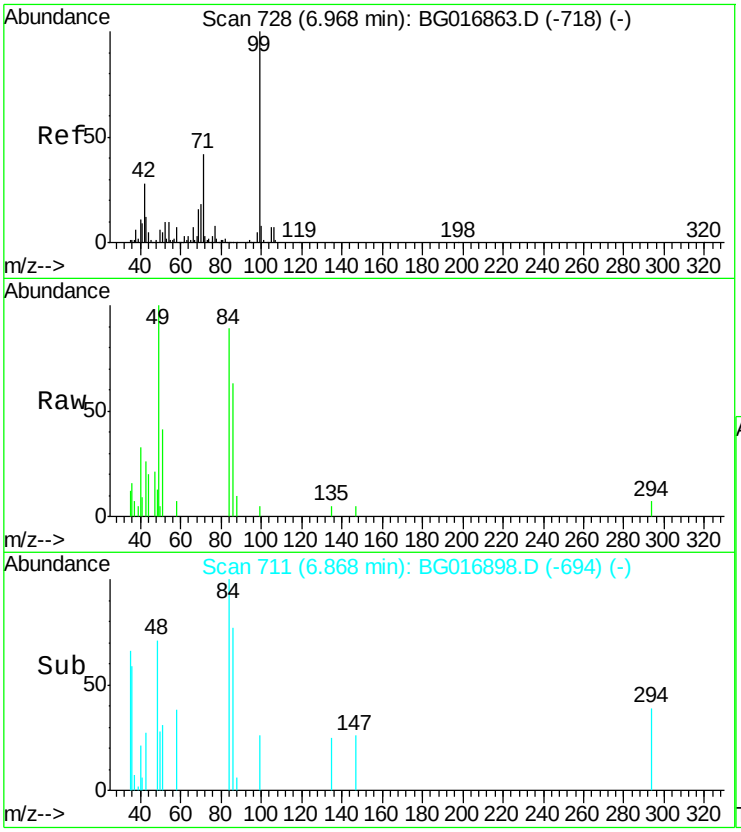


#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.38 min

Lab File: BG016898.D
Acq: 6 May 2015 14:25

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	64.3
63	35.1

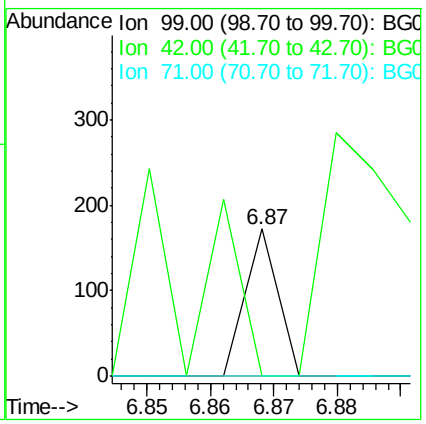


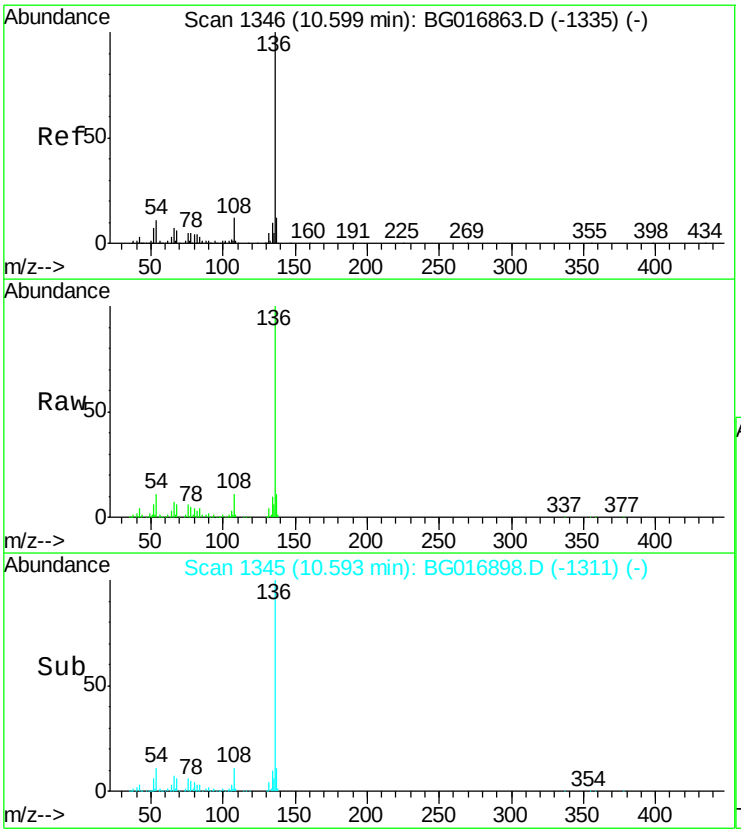
#7
Phenol-d6
Concen: 0.01 ng
RT: 6.87 min Scan# 711
Delta R.T. -0.10 min
Lab File: BG016898.D
Acq: 6 May 2015 14:25

Instrument :
BNA_G
ClientSampleId :
SVOC-GPC-BLANK

Tgt Ion: 99 Resp: 61

Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.1	33.1#
71	0.0	33.4	50.0#

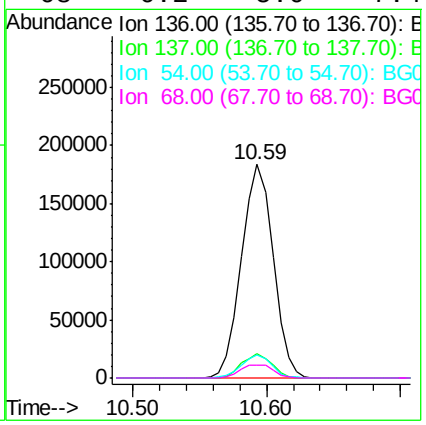


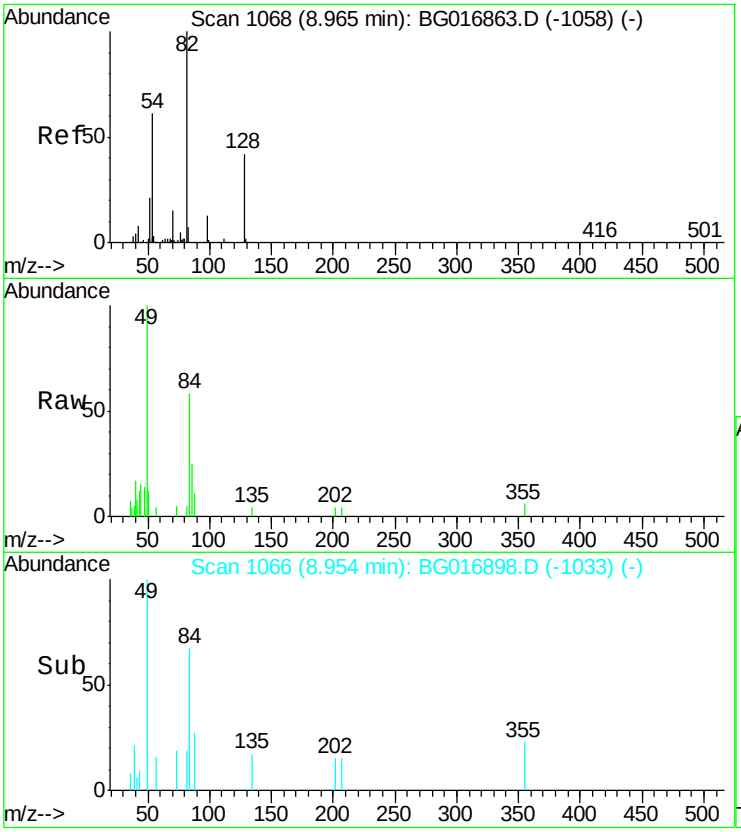


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BG016898.D
Acq: 6 May 2015 14:25

Tgt Ion:136 Resp: 301216

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.8
54	11.1	8.7	13.1
68	6.2	5.0	7.4



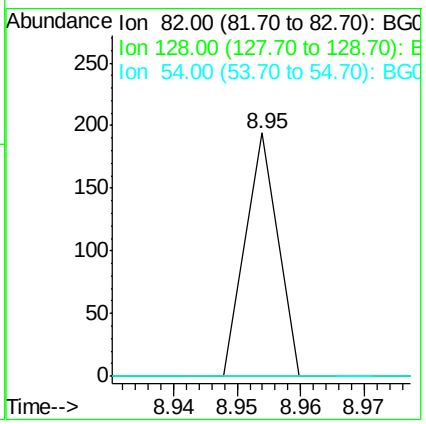


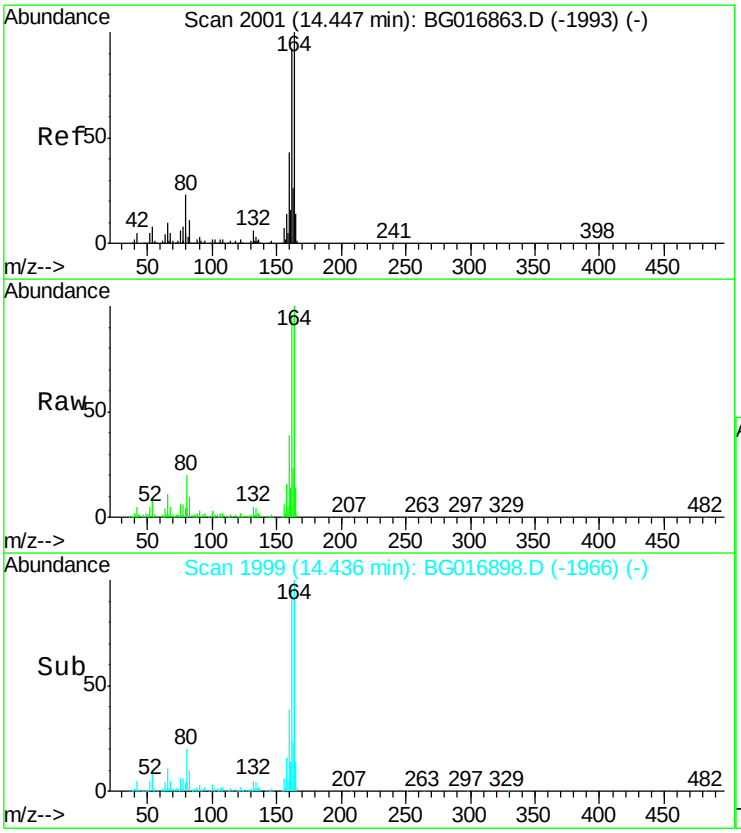
#23
Nitrobenzene-d5
Concen: 0.01 ng
RT: 8.95 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BG016898.D
Acq: 6 May 2015 14:25

Instrument :
BNA_G
ClientSampleId :
SVOC-GPC-BLANK

Tgt Ion: 82 Resp: 68

Ion	Ratio	Lower	Upper
82	100		
128	0.0	33.2	49.8#
54	0.0	48.6	72.8#

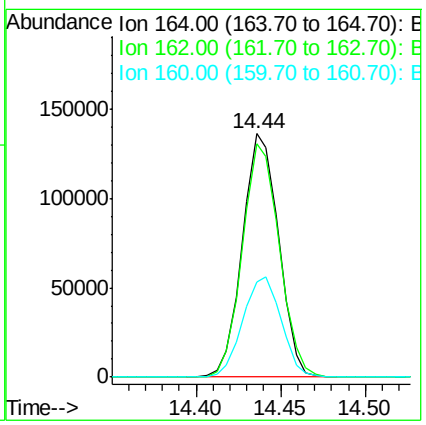


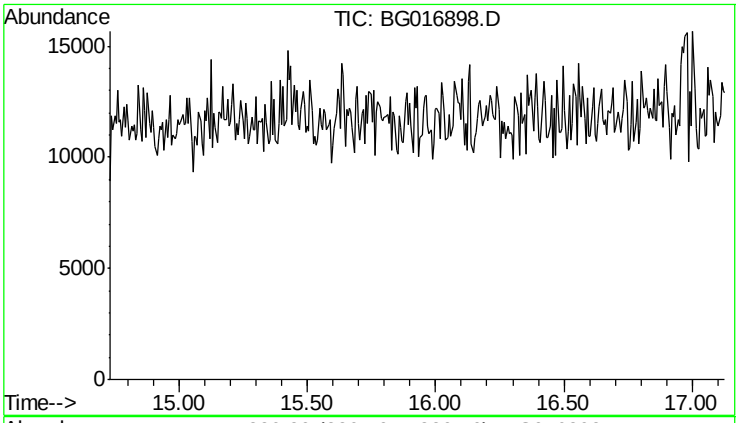


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.44 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG016898.D
Acq: 6 May 2015 14:25

Tgt Ion:164 Resp: 203420

Ion	Ratio	Lower	Upper
164	100		
162	95.6	74.0	111.0
160	39.2	34.7	52.1





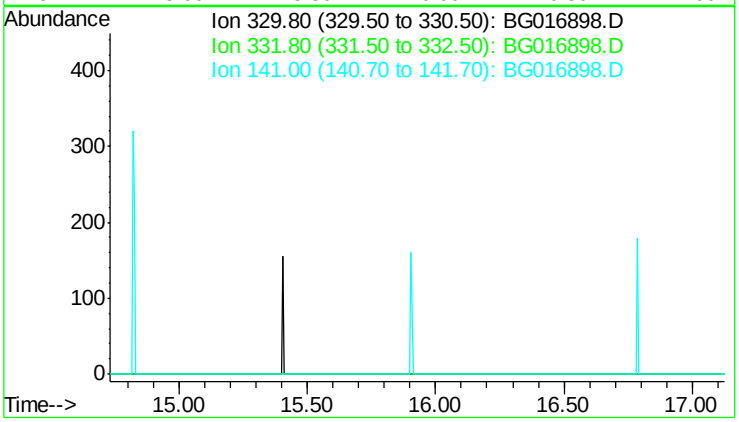
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 15.93 min

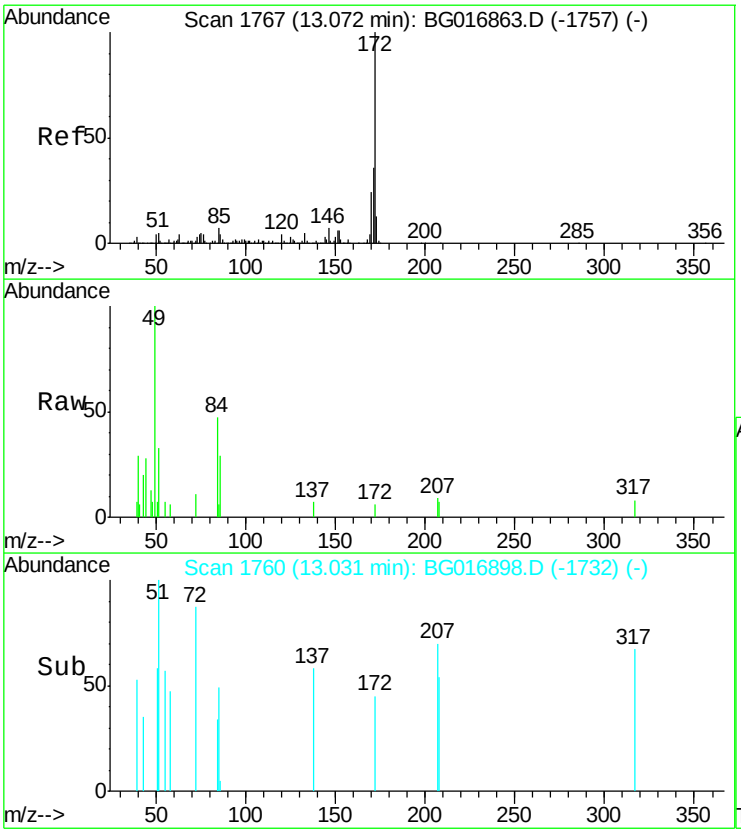
Lab File: BG016898.D
Acq: 6 May 2015 14:25

Instrument :
BNA_G
ClientSampleId :
SVOC-GPC-BLANK

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	0.0
141	0.0

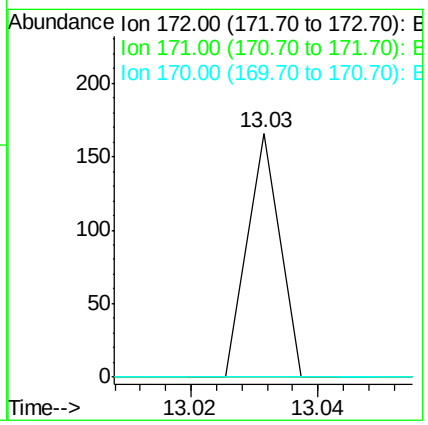


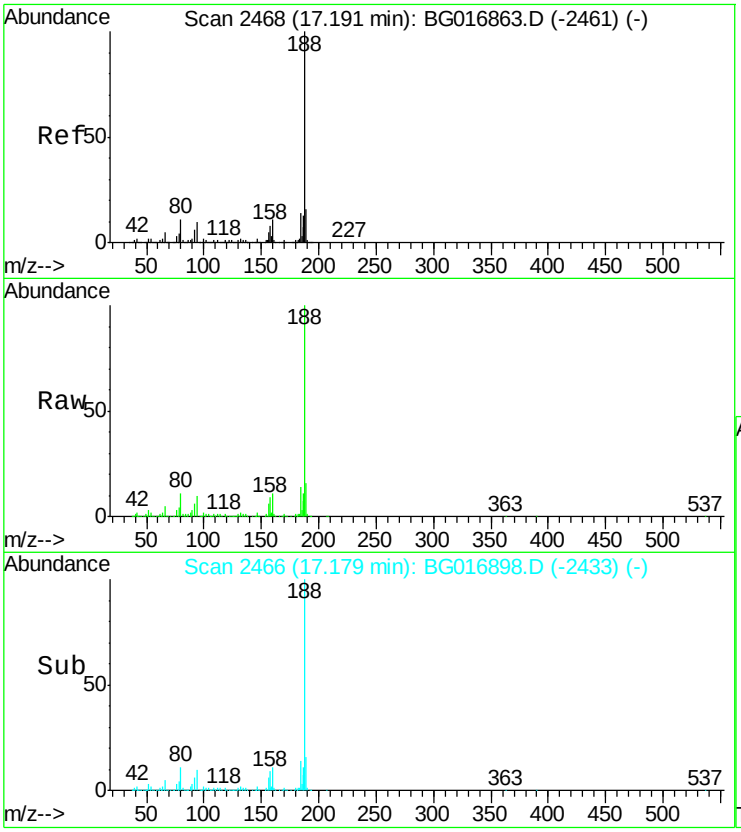


#44
2-Fluorobiphenyl
Concen: 0.00 ng
RT: 13.03 min Scan# 1760
Delta R.T. -0.03 min
Lab File: BG016898.D
Acq: 6 May 2015 14:25

Tgt Ion:172 Resp: 59

Ion	Ratio	Lower	Upper
172	100		
171	0.0	29.0	43.4#
170	0.0	19.0	28.4#



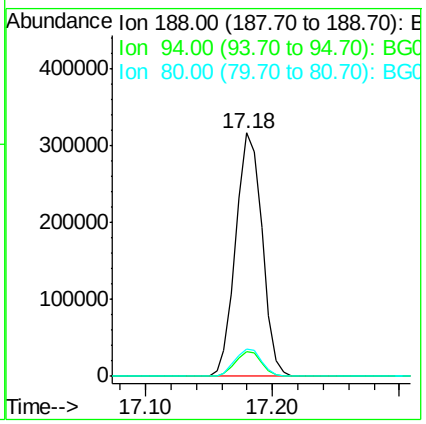


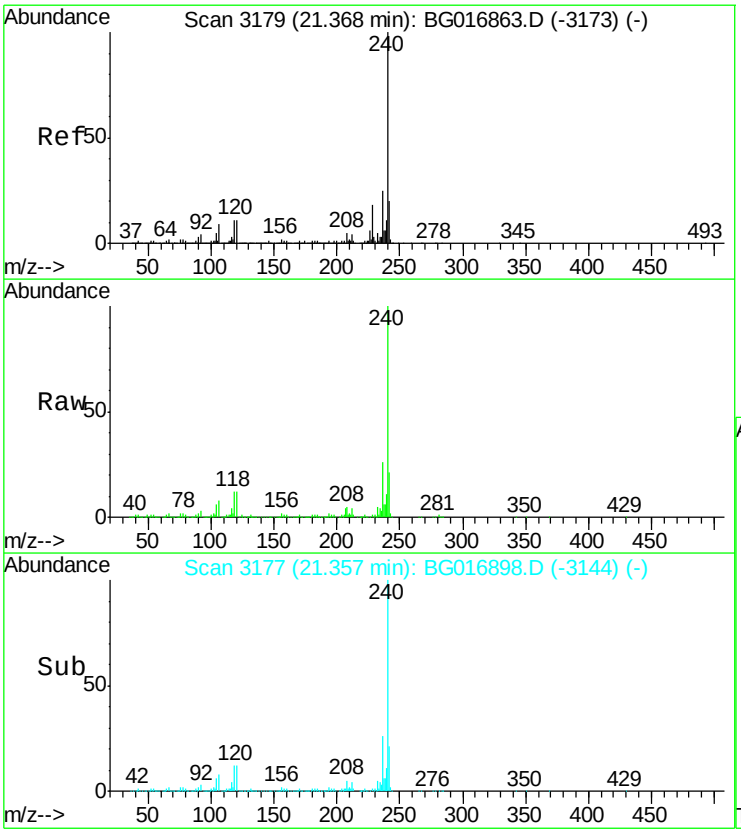
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG016898.D
Acq: 6 May 2015 14:25

Instrument :
BNA_G
ClientSampleId :
SVOC-GPC-BLANK

Tgt Ion:188 Resp: 454747

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.4
80	11.1	8.8	13.2

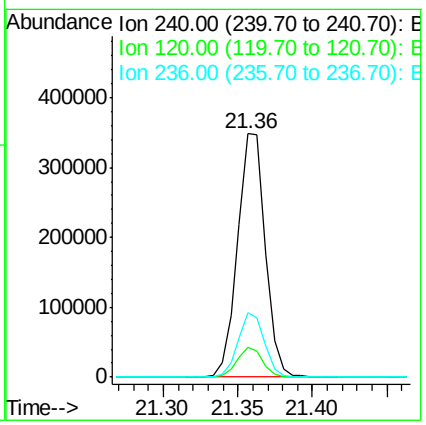


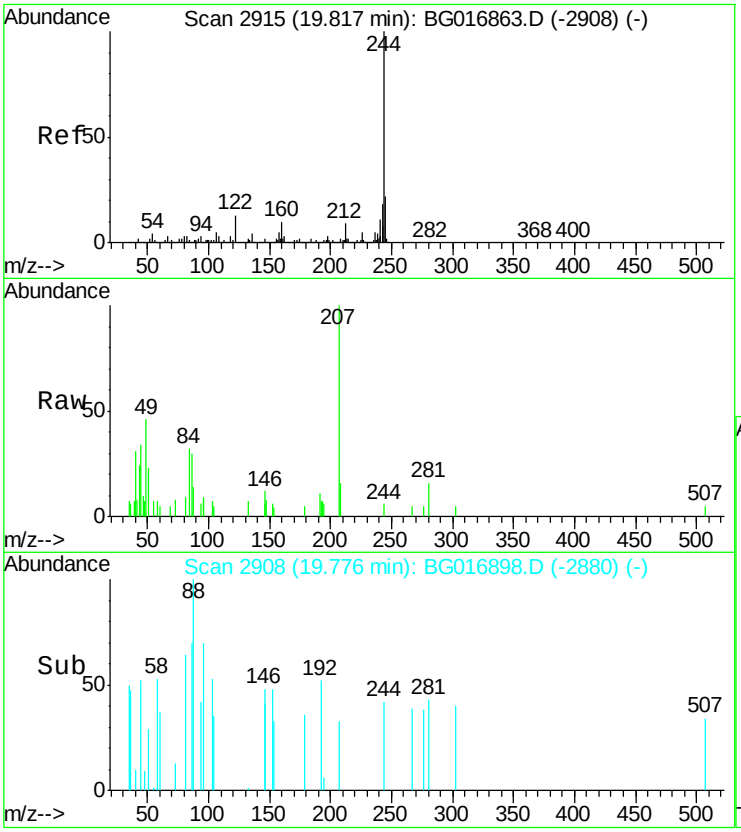


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BG016898.D
Acq: 6 May 2015 14:25

Tgt Ion:240 Resp: 448040

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.1	13.7
236	26.4	20.2	30.4



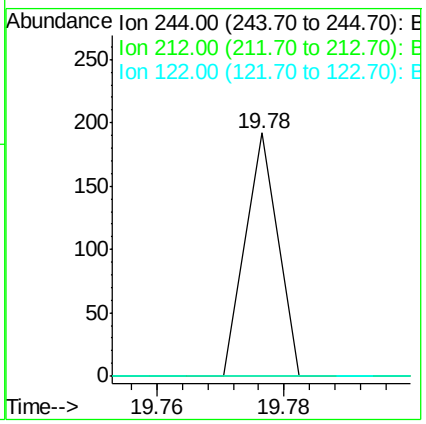


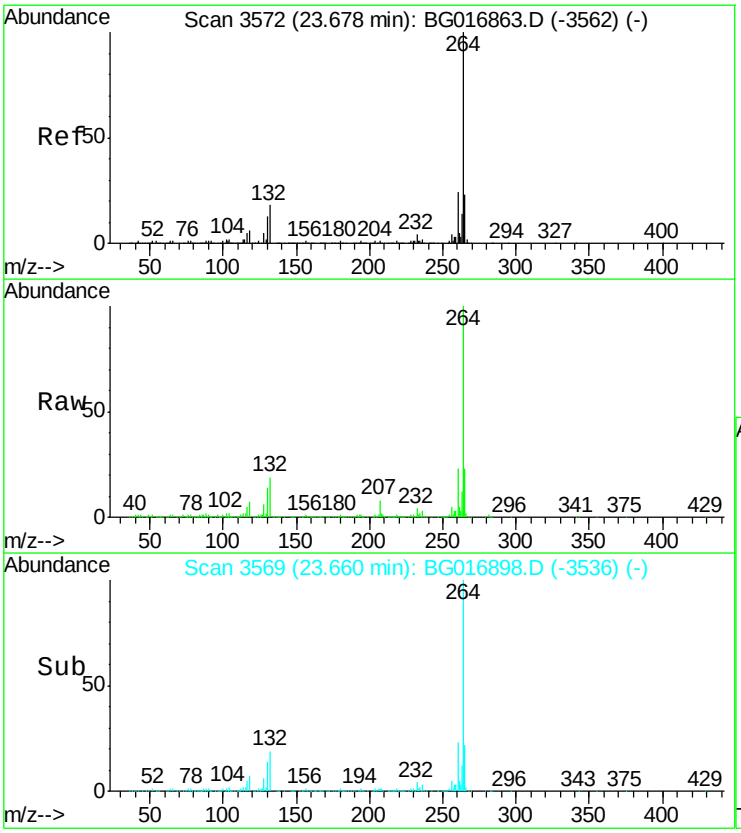
#78
Terphenyl-d14
Concen: 0.00 ng
RT: 19.78 min Scan# 2908
Delta R.T. -0.03 min
Lab File: BG016898.D
Acq: 6 May 2015 14:25

Instrument :
BNA_G
ClientSampleId :
SVOC-GPC-BLANK

Tgt Ion:244 Resp: 68

Ion	Ratio	Lower	Upper
244	100		
212	0.0	7.0	10.6#
122	0.0	10.4	15.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.66 min Scan# 3569
Delta R.T. -0.00 min
Lab File: BG016898.D
Acq: 6 May 2015 14:25

Tgt Ion:264 Resp: 437507

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.6	18.5	27.7