Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
Data File : BG025548.D
Acq On : 20 Jan 2017 21:23
Operator : UM/SJ
Sample : I1347-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLACK-FILL1-0-5FT-COMP

Quant Time: Jan 21 00:48:21 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	53182	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	215131	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	167995	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	391176	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	625620	20.00	ng	-0.02
86) Perylene-d12	25.22	264	545937	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	432589	147.85	ng	-0.02
7) Phenol-d6	7.34	99	556525	135.06	ng	-0.02
23) Nitrobenzene-d5	9.37	82	477288	98.01	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	397326	146.91	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1005867	96.94	ng	-0.02
78) Terphenyl-d14	20.14	244	2259565	95.76	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	11.06	128	82849	7.71	ng	97

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

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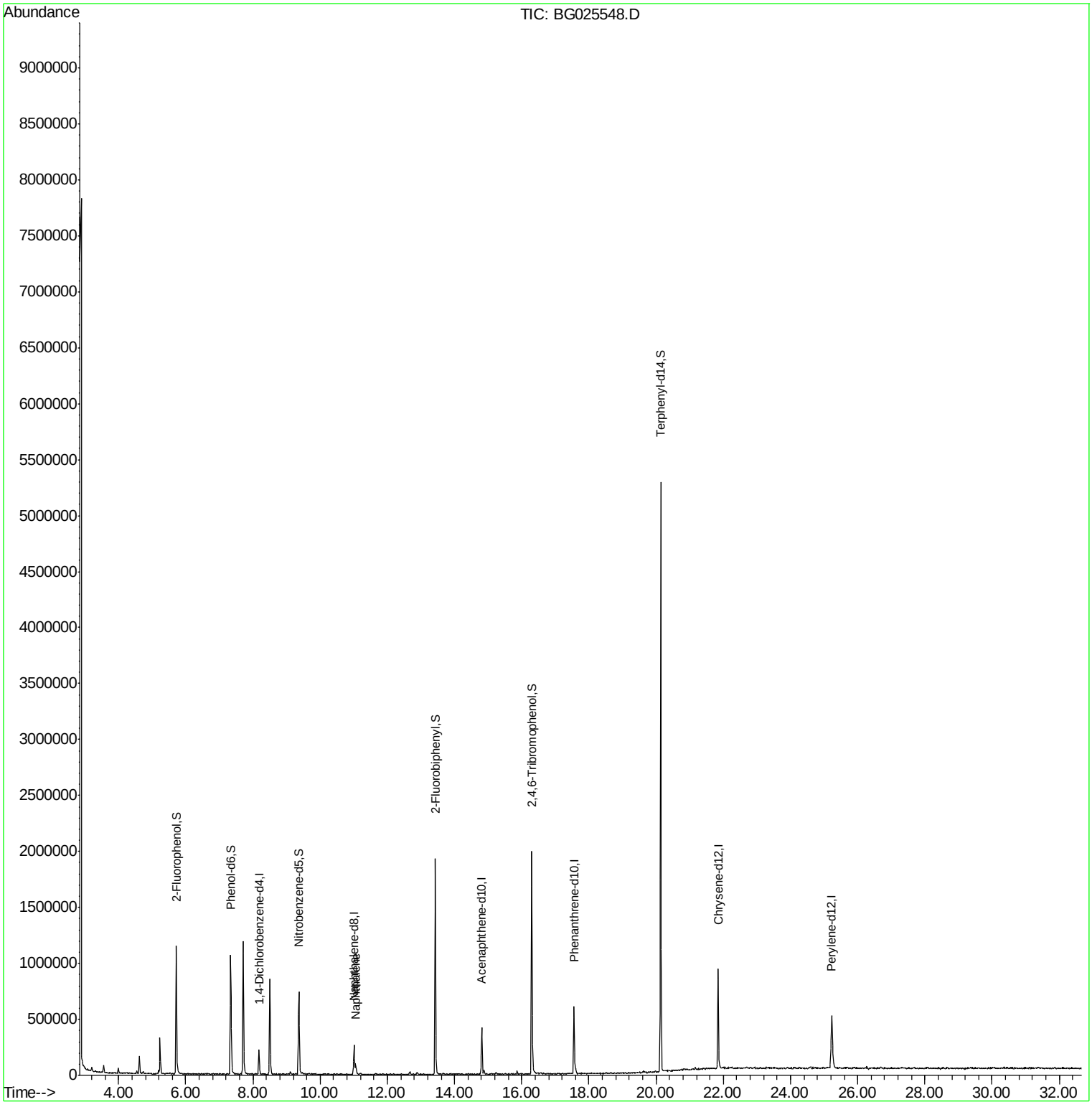
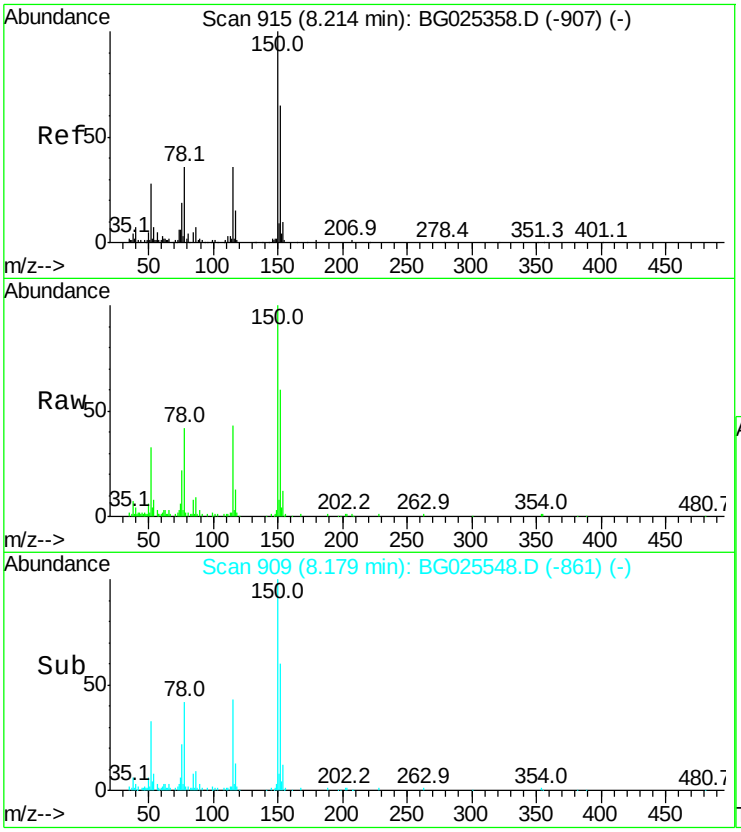


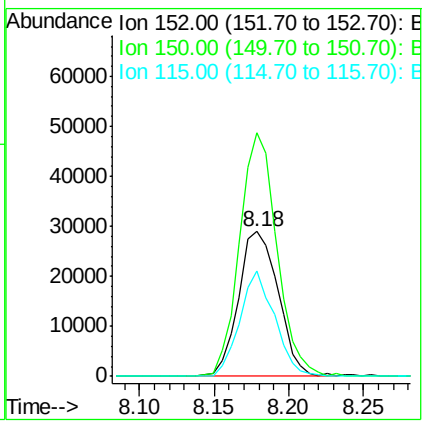


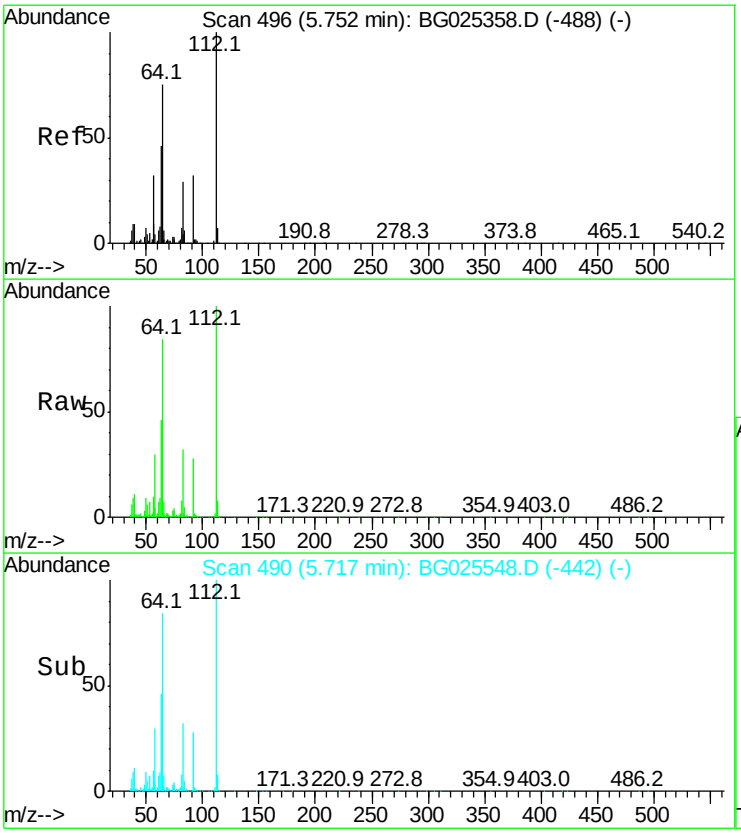
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 909
Delta R.T. -0.02 min
Lab File: BG025548.D
Acq: 20 Jan 2017 21:23

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMP

Tgt Ion:152 Resp: 53182

Ion	Ratio	Lower	Upper
152	100		
150	168.1	114.0	171.0
115	72.5	48.1	72.1#

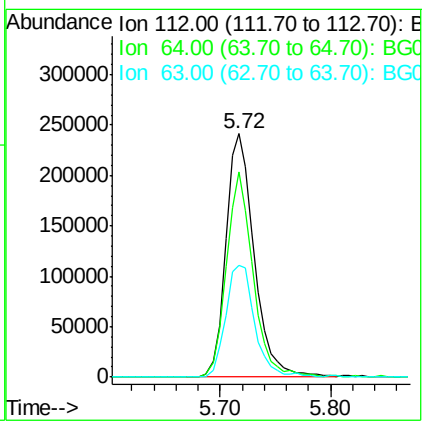


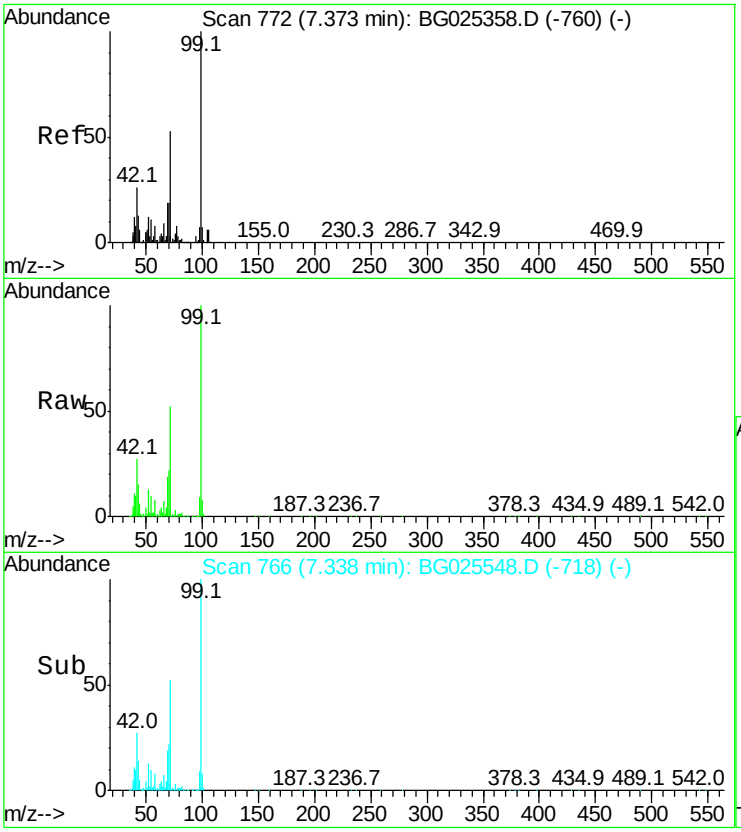


#5
2-Fluorophenol
Concen: 147.85 ng
RT: 5.72 min Scan# 490
Delta R.T. -0.02 min
Lab File: BG025548.D
Acq: 20 Jan 2017 21:23

Tgt Ion:112 Resp: 432589

Ion	Ratio	Lower	Upper
112	100		
64	84.1	61.8	92.6
63	46.0	37.2	55.8



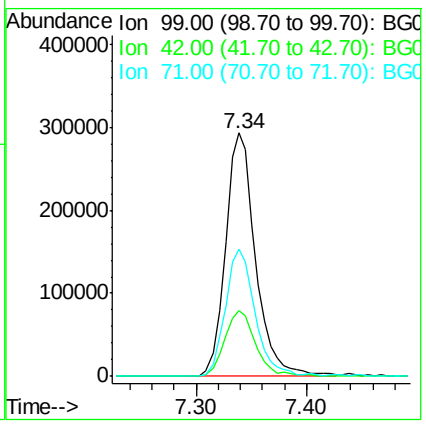


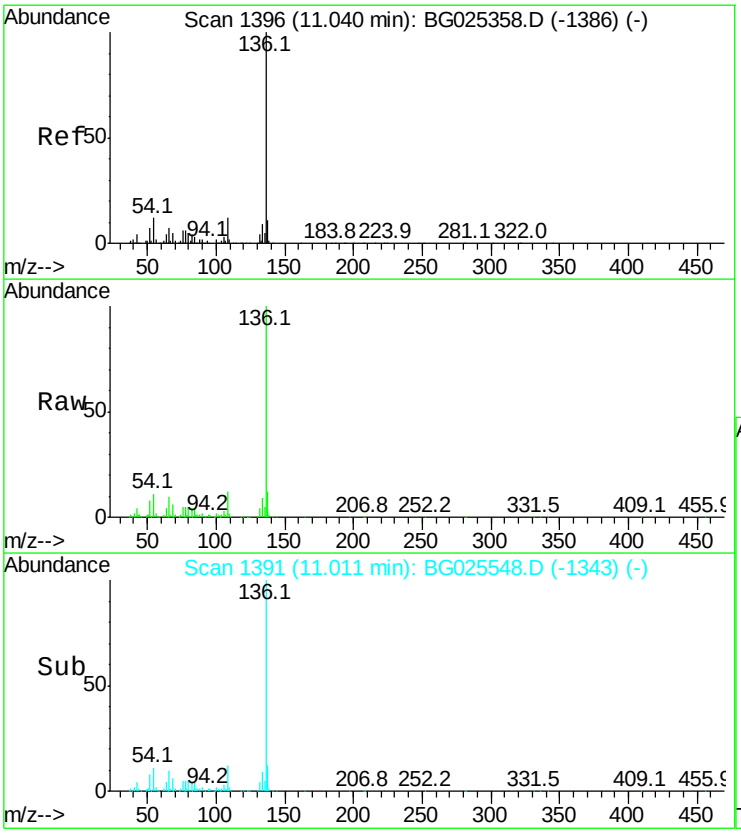
#7
Phenol-d6
Concen: 135.06 ng
RT: 7.34 min Scan# 766
Delta R.T. -0.02 min
Lab File: BG025548.D
Acq: 20 Jan 2017 21:23

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMP

Tgt Ion: 99 Resp: 556525

Ion	Ratio	Lower	Upper
99	100		
42	26.9	20.5	30.7
71	52.3	37.6	56.4

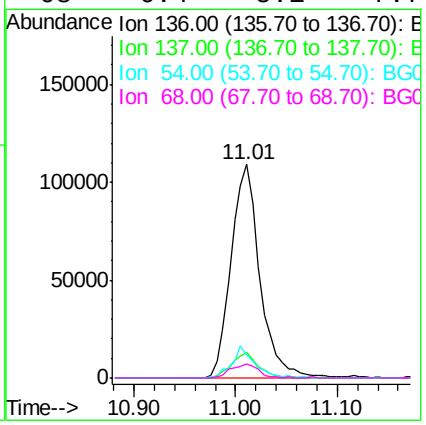


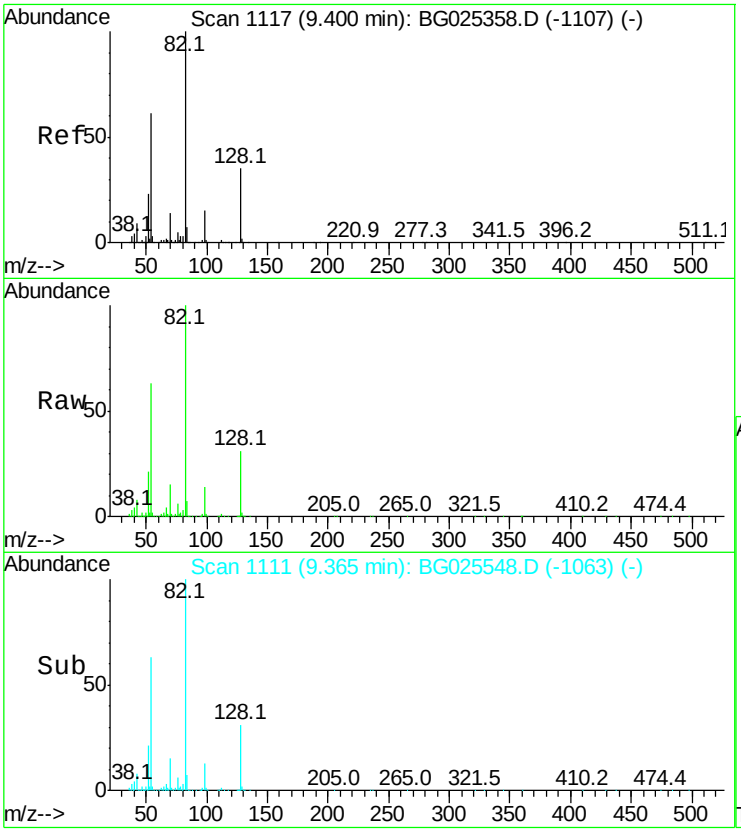


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BG025548.D
Acq: 20 Jan 2017 21:23

Tgt Ion:136 Resp: 215131

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.9	13.3
54	10.8	9.3	13.9
68	6.4	5.1	7.7



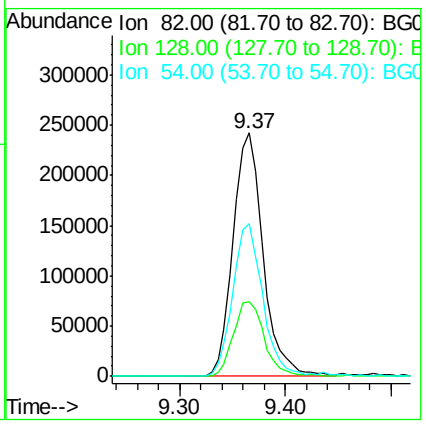


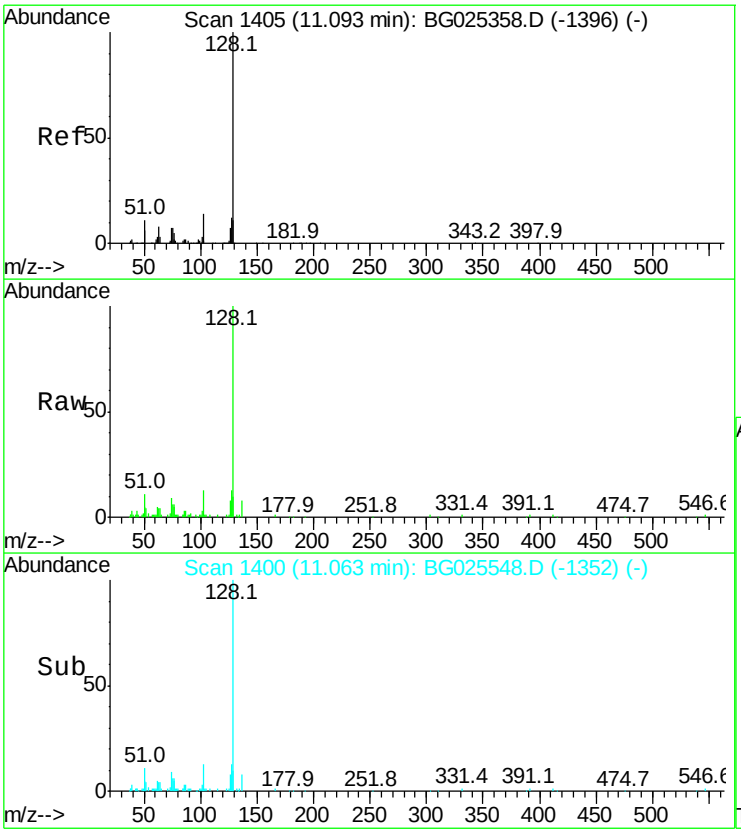
#23
Nitrobenzene-d5
Concen: 98.01 ng
RT: 9.37 min Scan# 1111
Delta R.T. -0.02 min
Lab File: BG025548.D
Acq: 20 Jan 2017 21:23

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMP

Tgt Ion: 82 Resp: 477288

Ion	Ratio	Lower	Upper
82	100		
128	30.8	26.4	39.6
54	62.6	49.4	74.2

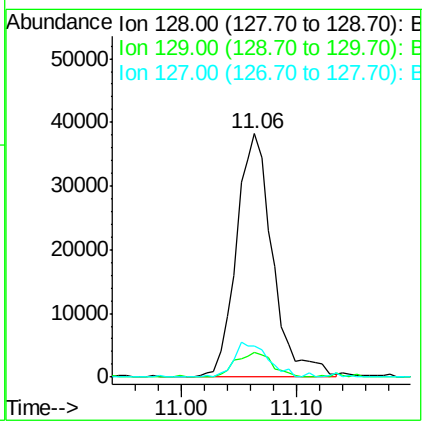


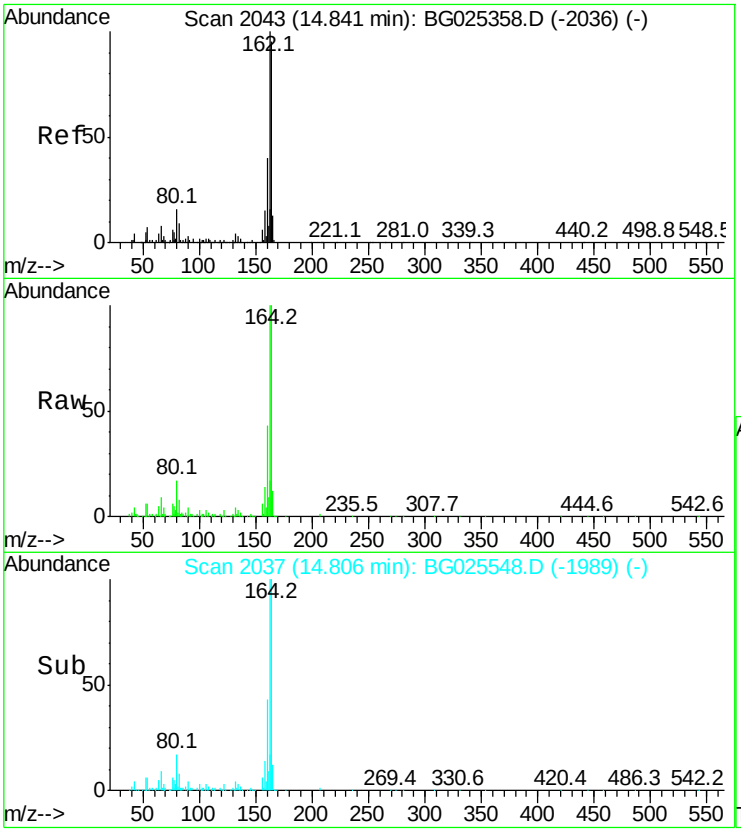


#31
Naphthalene
Concen: 7.71 ng
RT: 11.06 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BG025548.D
Acq: 20 Jan 2017 21:23

Tgt Ion:128 Resp: 82849

Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.3	13.9
127	12.9	11.4	17.0



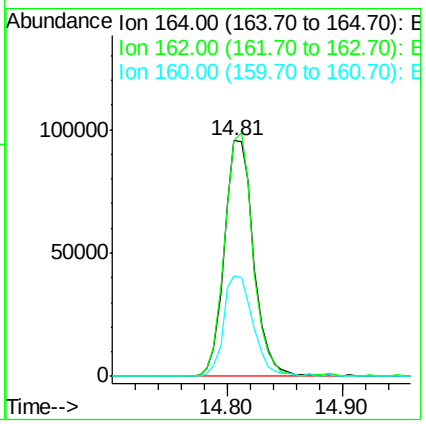


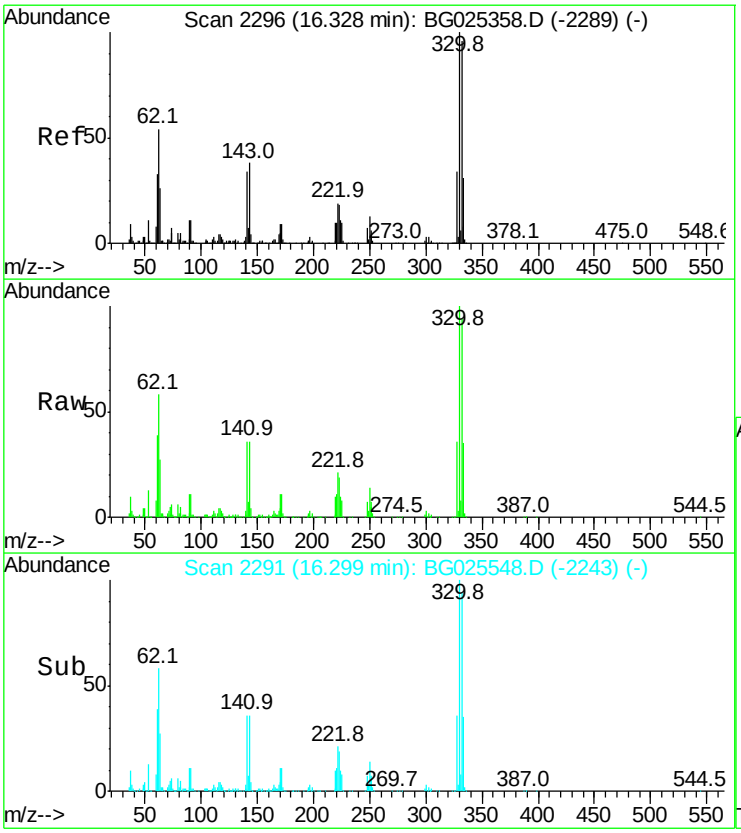
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BG025548.D
Acq: 20 Jan 2017 21:23

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMP

Tgt Ion:164 Resp: 167995

Ion	Ratio	Lower	Upper
164	100		
162	100.2	85.1	127.7
160	42.6	34.7	52.1

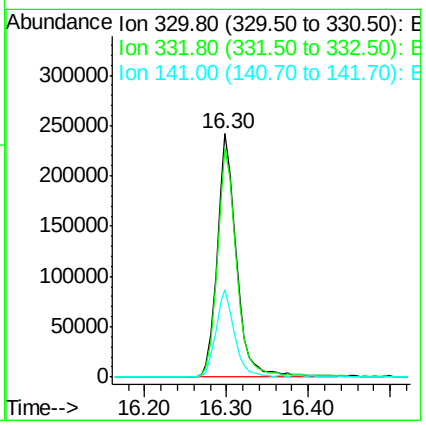


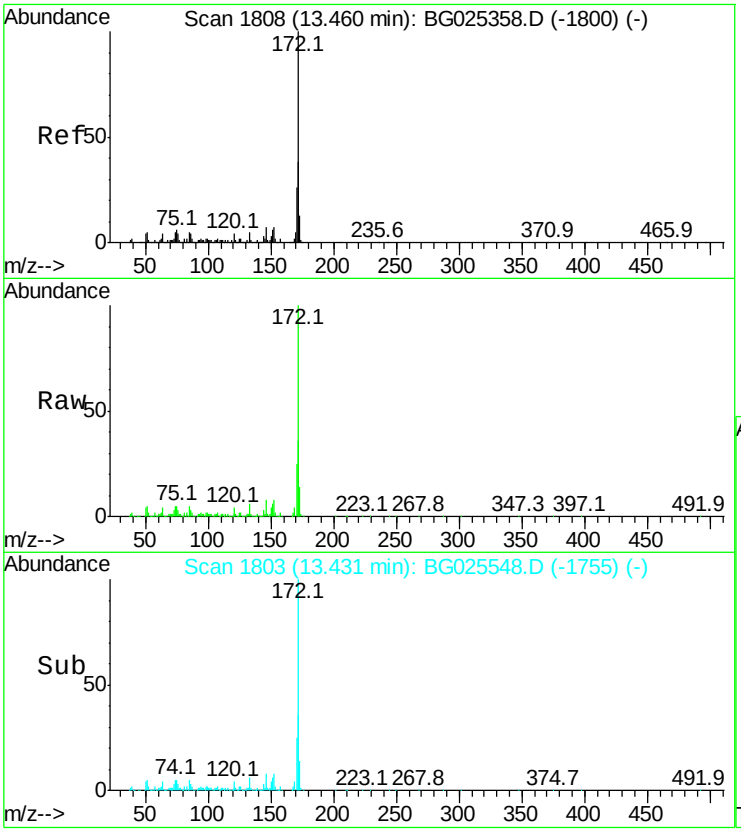


#41
2,4,6-Tribromophenol
Concen: 146.91 ng
RT: 16.30 min Scan# 2291
Delta R.T. -0.02 min
Lab File: BG025548.D
Acq: 20 Jan 2017 21:23

Tgt Ion:330 Resp: 397326

Ion	Ratio	Lower	Upper
330	100		
332	93.0	77.3	115.9
141	34.6	32.1	48.1



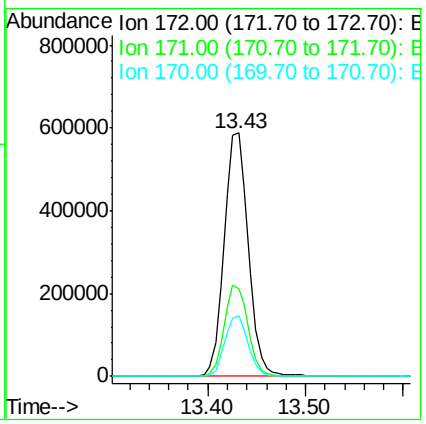


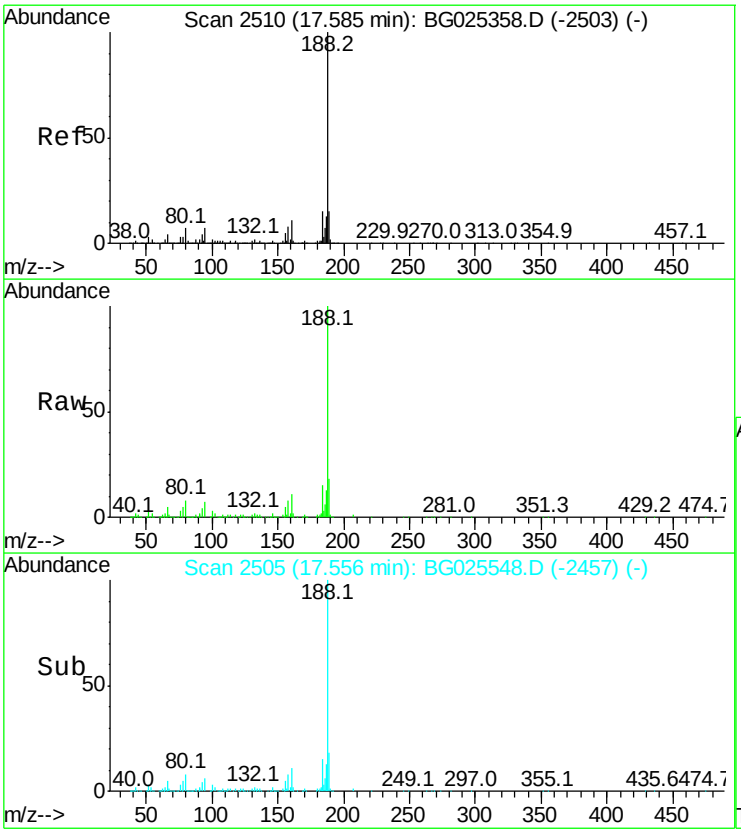
#44
2-Fluorobiphenyl
Concen: 96.94 ng
RT: 13.43 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BG025548.D
Acq: 20 Jan 2017 21:23

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMP

Tgt Ion:172 Resp: 1005867

Ion	Ratio	Lower	Upper
172	100		
171	36.2	32.2	48.2
170	24.6	21.8	32.6

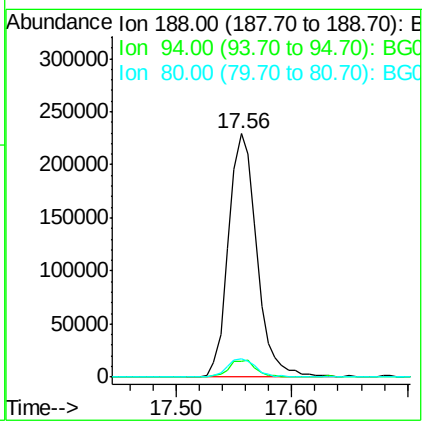


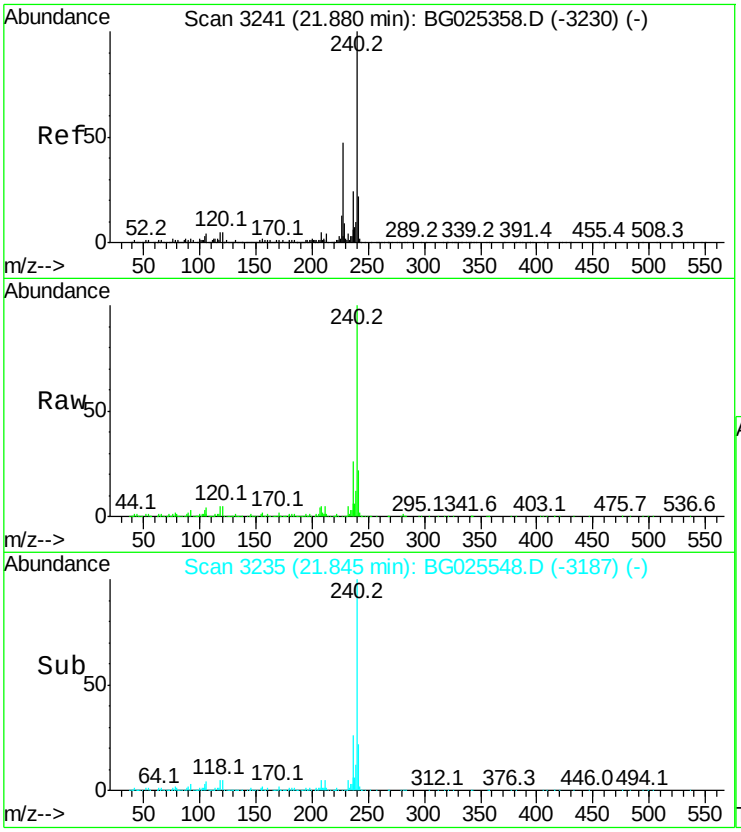


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.02 min
Lab File: BG025548.D
Acq: 20 Jan 2017 21:23

Tgt Ion:188 Resp: 391176

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.8	8.8
80	7.6	7.5	11.3



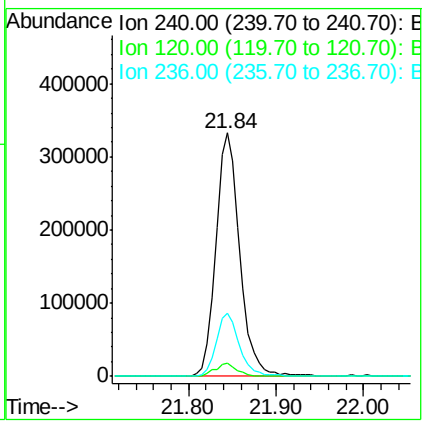


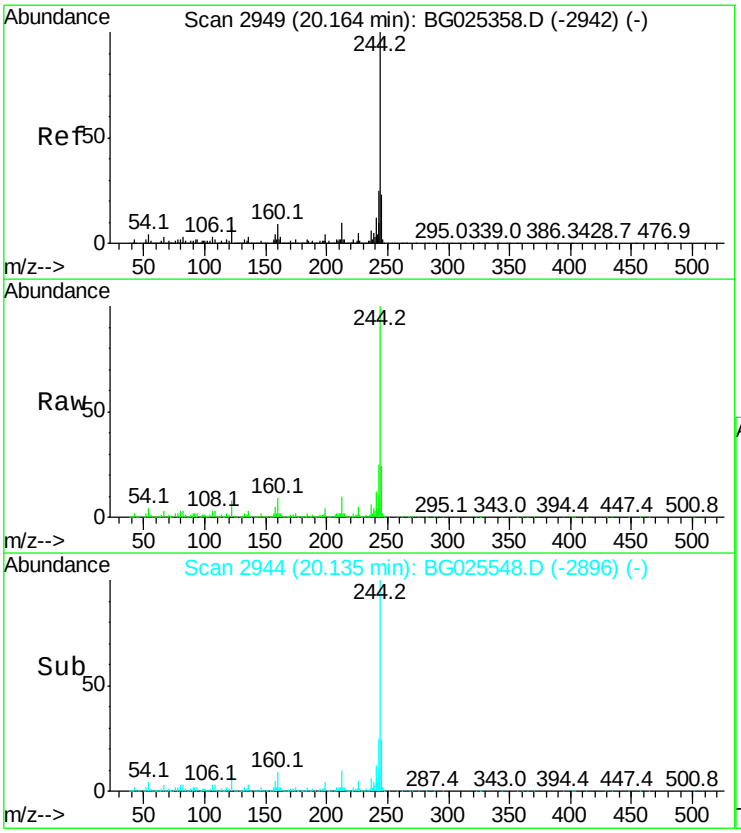
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.02 min
Lab File: BG025548.D
Acq: 20 Jan 2017 21:23

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMP

Tgt Ion:240 Resp: 625620

Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.7	8.5#
236	26.0	22.2	33.4

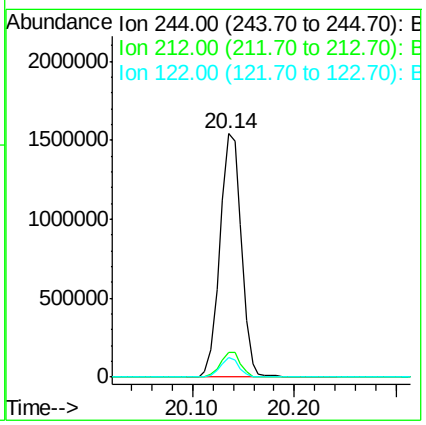


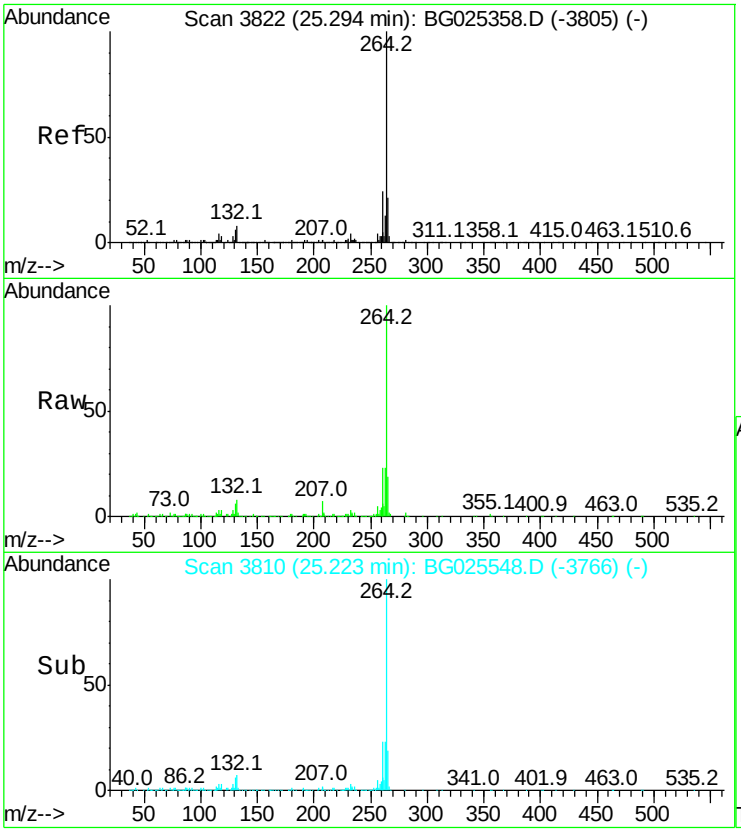


#78
Terphenyl-d14
Concen: 95.76 ng
RT: 20.14 min Scan# 2944
Delta R.T. -0.02 min
Lab File: BG025548.D
Acq: 20 Jan 2017 21:23

Tgt Ion:244 Resp: 2259565

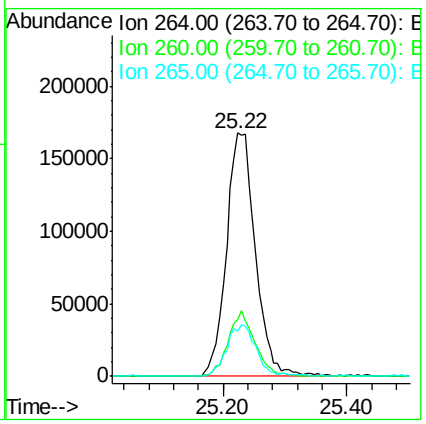
Ion	Ratio	Lower	Upper
244	100		
212	10.0	10.0	15.0
122	7.9	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3810
Delta R.T. -0.04 min
Lab File: BG025548.D
Acq: 20 Jan 2017 21:23

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMP

Tgt Ion:264 Resp: 545937

Ion	Ratio	Lower	Upper
264	100		
260	23.4	21.8	32.8
265	18.6	18.2	27.4