Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
Data File : BG028769.D
Acq On : 15 Sep 2017 16:02
Operator : SJ/JU
Sample : PB102295BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB102295BL

Quant Time: Sep 16 05:23:55 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	23113	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	96704	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	72847	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	246289	20.00	ng	-0.04
75) Chrysene-d12	21.97	240	283716	20.00	ng	-0.06
86) Perylene-d12	25.44	264	290423	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	199523	142.44	ng	-0.05
7) Phenol-d6	7.44	99	271303	128.64	ng	-0.05
23) Nitrobenzene-d5	9.46	82	167407	82.81	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	201443	167.19	ng	-0.04
44) 2-Fluorobiphenyl	13.52	172	455877	83.45	ng	-0.04
78) Terphenyl-d14	20.24	244	1095844	82.37	ng	-0.04

Target Compounds	Qvalue

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

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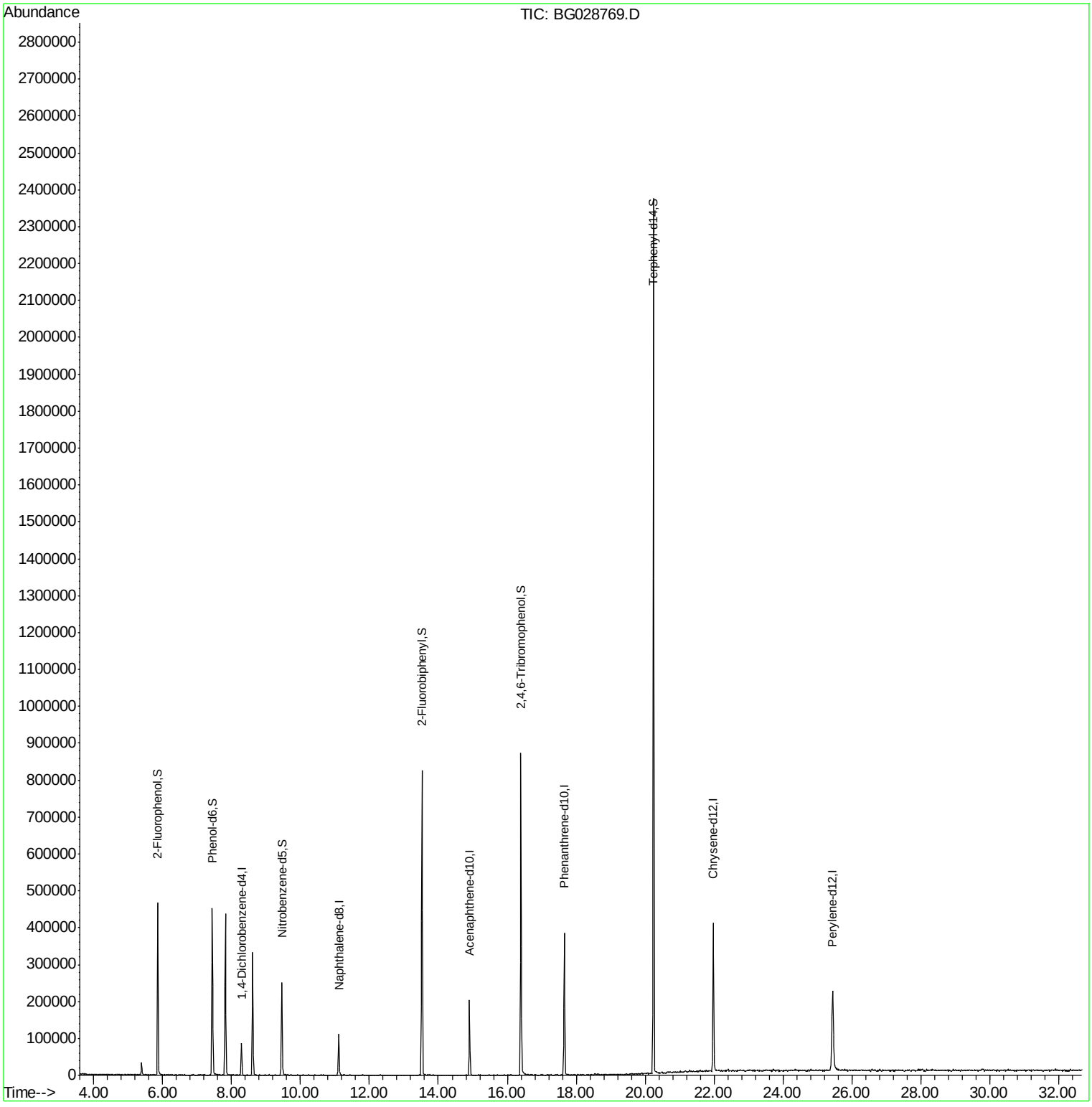
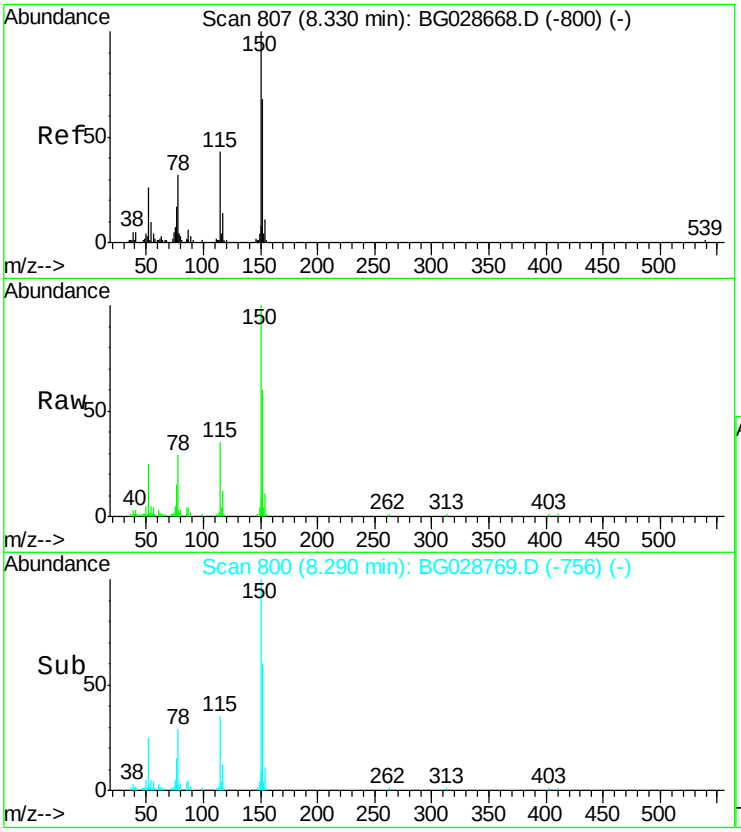


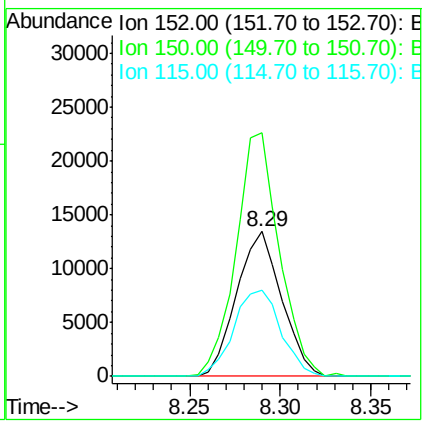


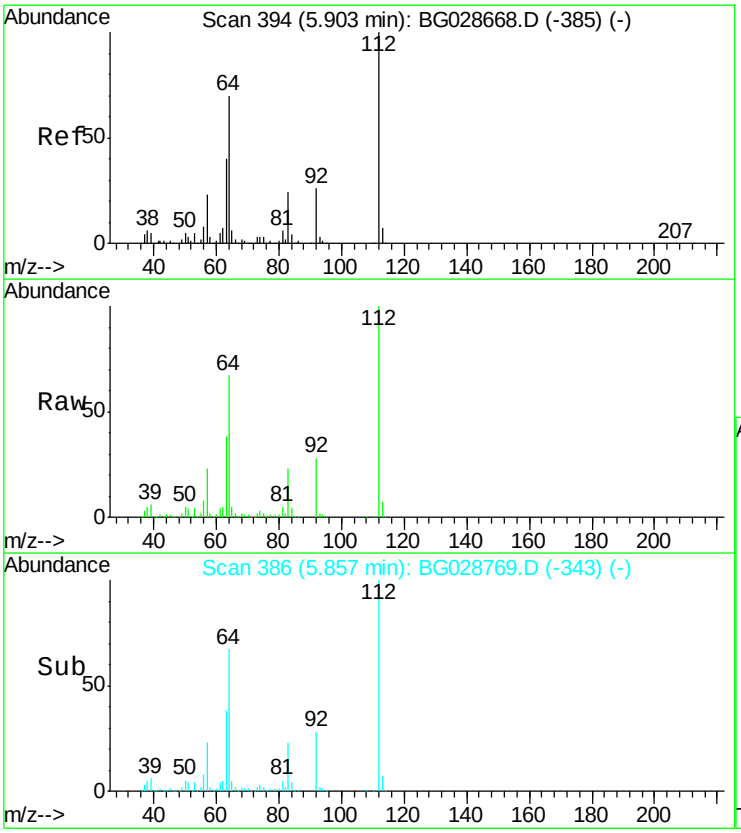
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028769.D
Acq: 15 Sep 2017 16:02

Instrument :
BNA_G
ClientSampleId :
PB102295BL

Tgt Ion:152 Resp: 23113

Ion	Ratio	Lower	Upper
152	100		
150	168.0	114.0	171.0
115	59.2	48.1	72.1

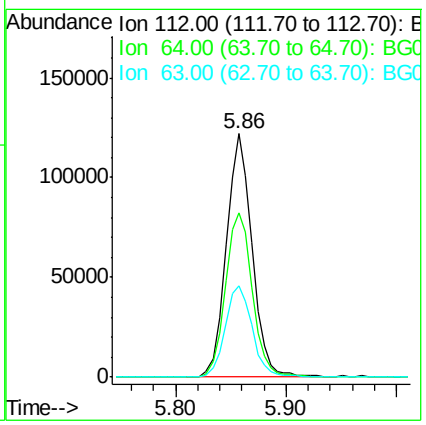


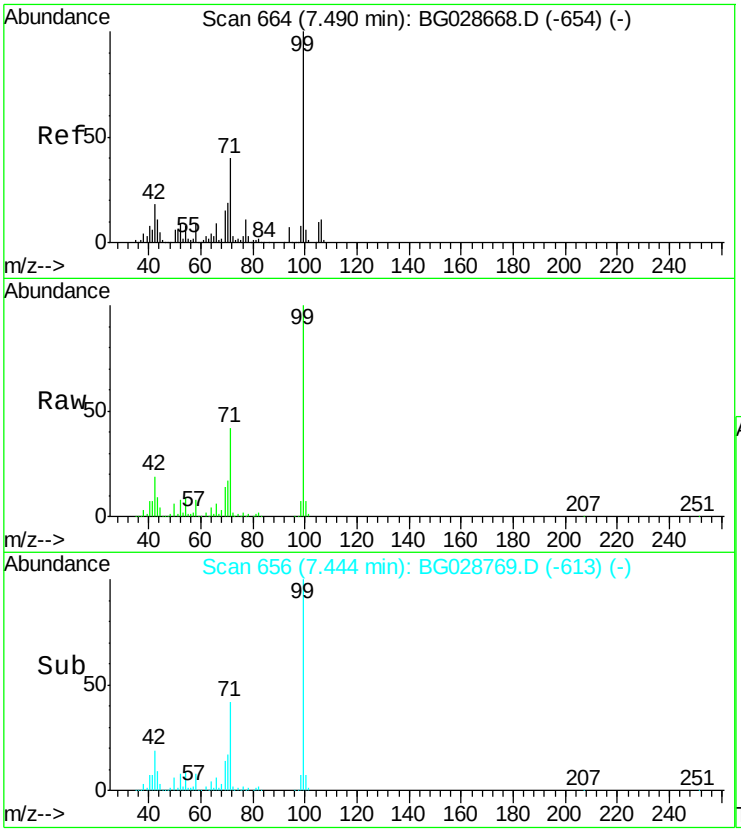


#5
2-Fluorophenol
Concen: 142.440 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.05 min
Lab File: BG028769.D
Acq: 15 Sep 2017 16:02

Tgt Ion:112 Resp: 199523

Ion	Ratio	Lower	Upper
112	100		
64	67.5	61.8	92.6
63	37.6	37.2	55.8



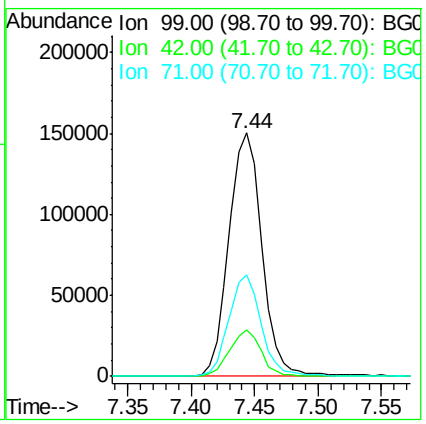


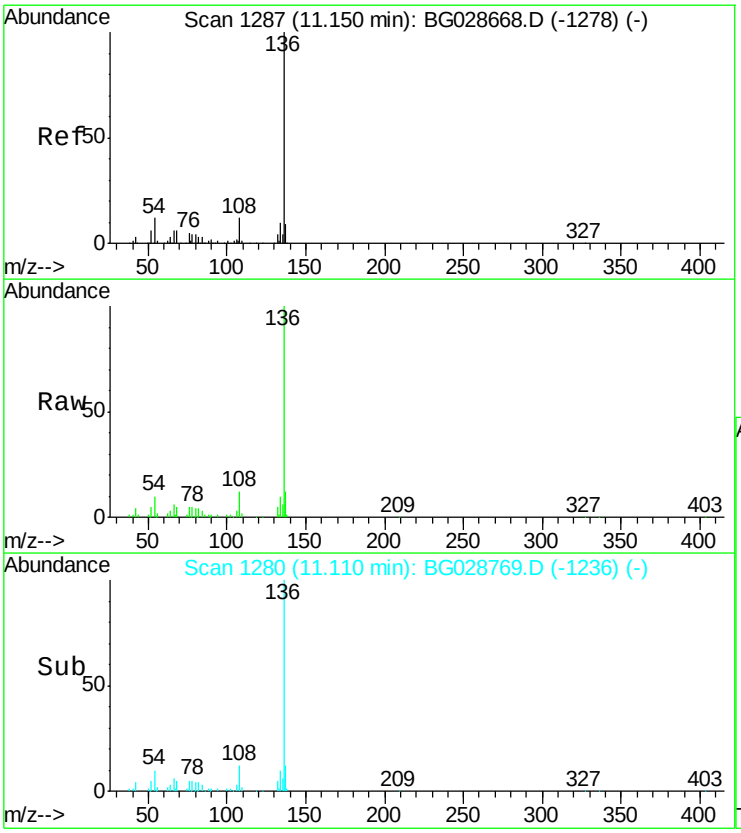
#7
Phenol-d6
Concen: 128.641 ng
RT: 7.44 min Scan# 656
Delta R.T. -0.05 min
Lab File: BG028769.D
Acq: 15 Sep 2017 16:02

Instrument :
BNA_G
ClientSampleId :
PB102295BL

Tgt Ion: 99 Resp: 271303

Ion	Ratio	Lower	Upper
99	100		
42	19.1	20.5	30.7#
71	41.7	37.6	56.4

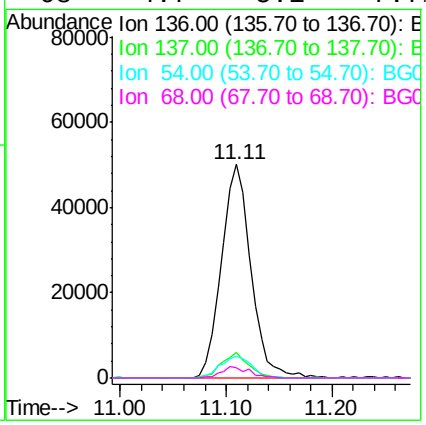


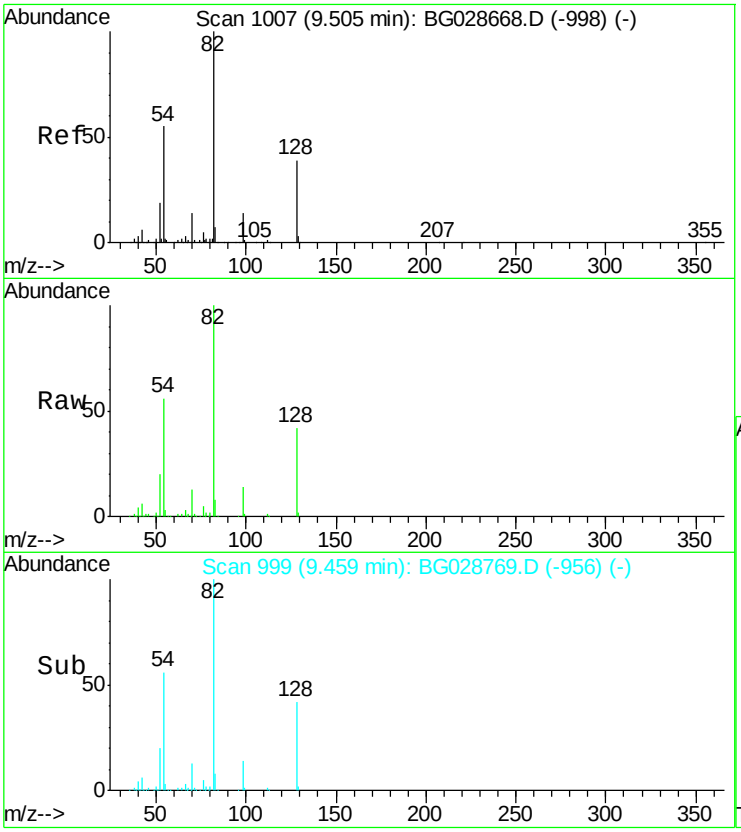


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.11 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BG028769.D
Acq: 15 Sep 2017 16:02

Tgt Ion:136 Resp: 96704

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.9	13.3
54	10.3	9.3	13.9
68	4.7	5.1	7.7#



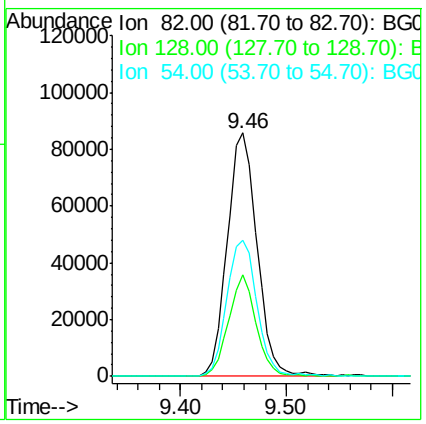


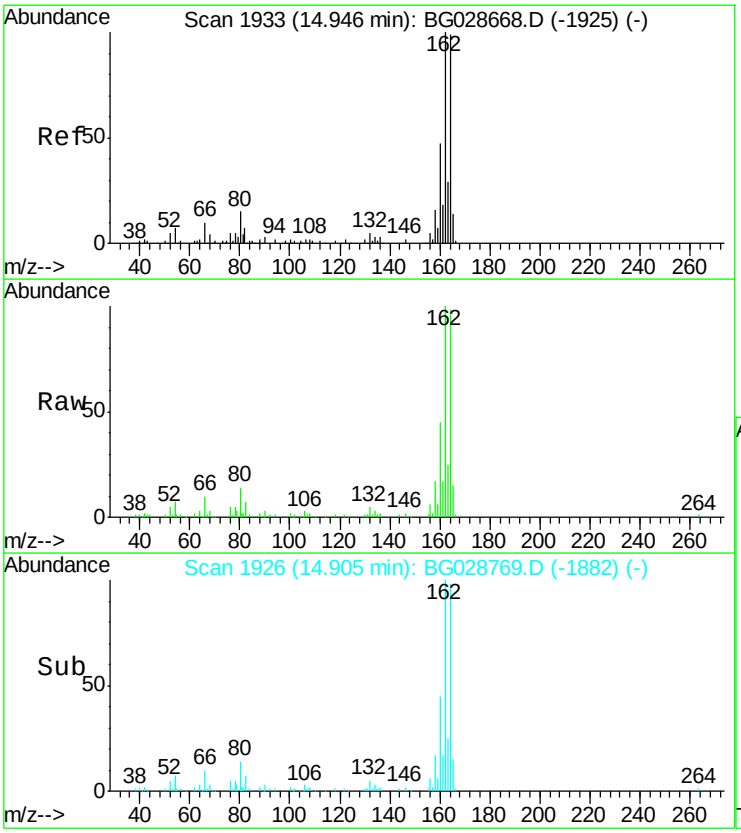
#23
Nitrobenzene-d5
Concen: 82.813 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028769.D
Acq: 15 Sep 2017 16:02

Instrument :
BNA_G
ClientSampleId :
PB102295BL

Tgt Ion: 82 Resp: 167407

Ion	Ratio	Lower	Upper
82	100		
128	41.8	26.4	39.6#
54	56.0	49.4	74.2

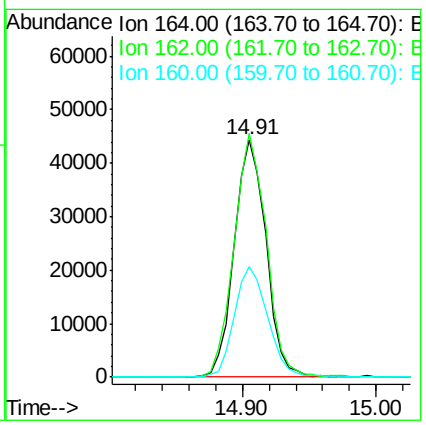


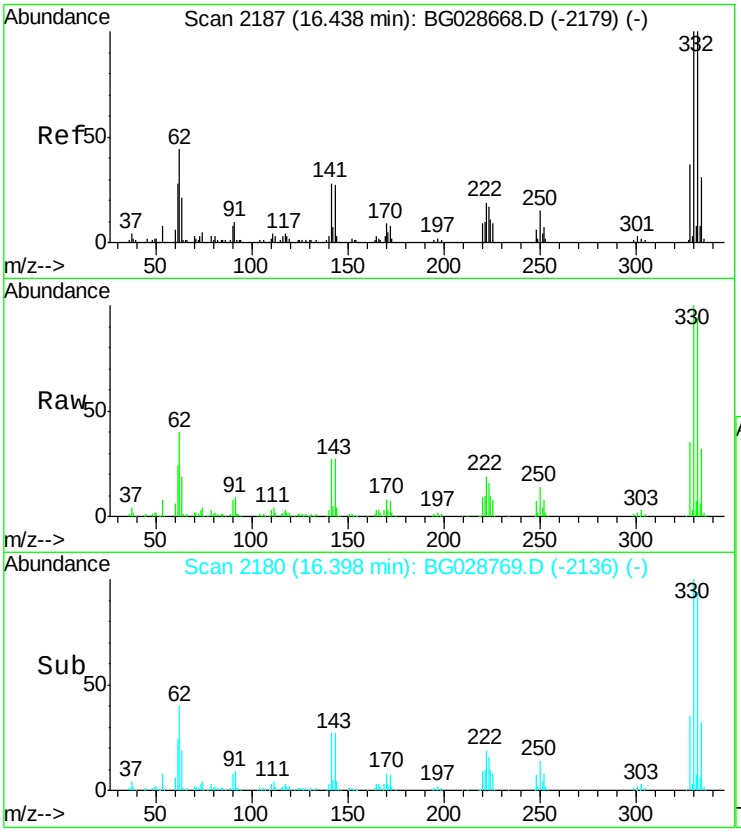


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1926
Delta R.T. -0.04 min
Lab File: BG028769.D
Acq: 15 Sep 2017 16:02

Tgt Ion:164 Resp: 72847

Ion	Ratio	Lower	Upper
164	100		
162	102.6	85.1	127.7
160	46.3	34.7	52.1



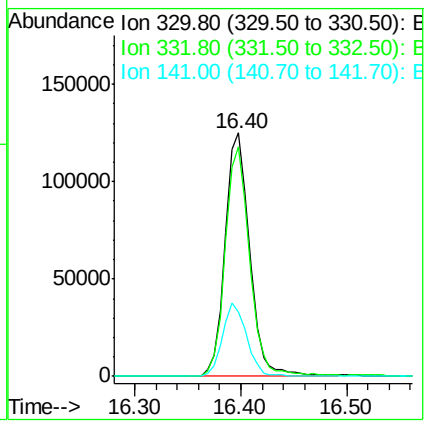


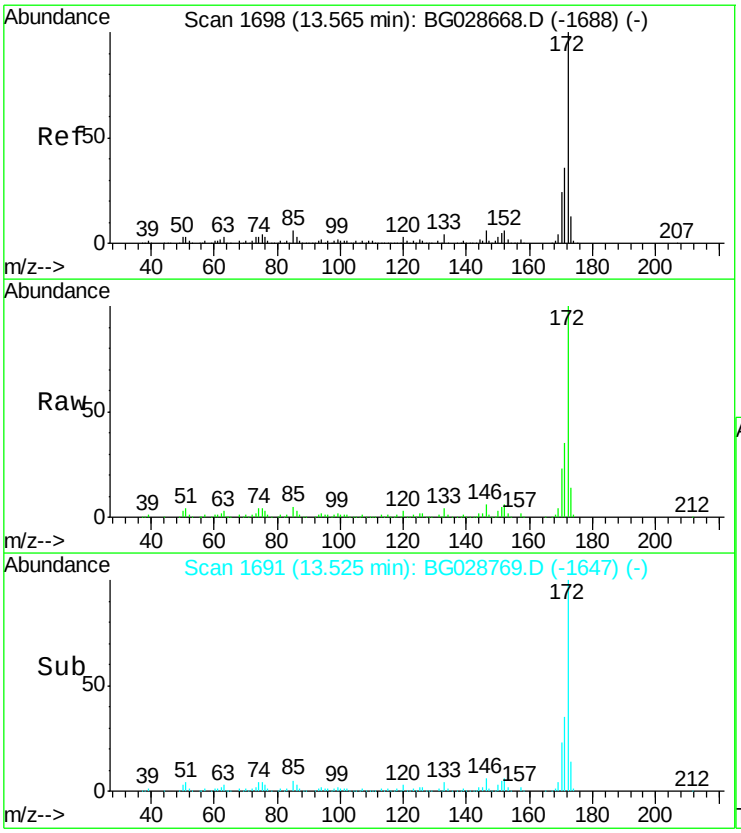
#41
2,4,6-Tribromophenol
Concen: 167.194 ng
RT: 16.40 min Scan# 2180
Delta R.T. -0.04 min
Lab File: BG028769.D
Acq: 15 Sep 2017 16:02

Instrument :
BNA_G
ClientSampleId :
PB102295BL

Tgt Ion:330 Resp: 201443

Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.3	115.9
141	30.1	32.1	48.1#

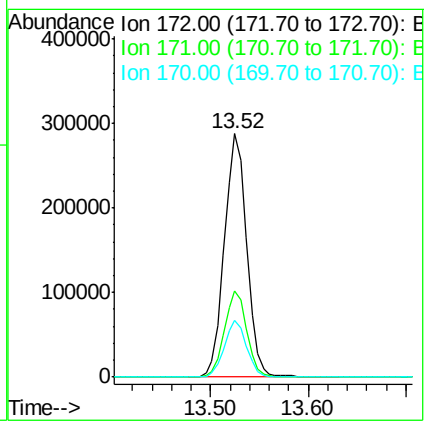


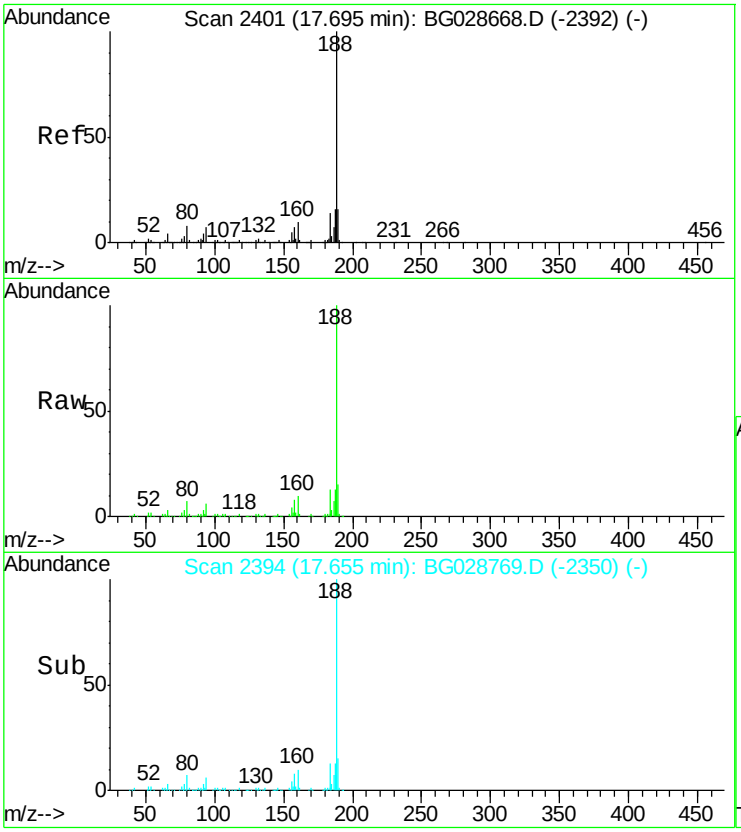


#44
2-Fluorobiphenyl
Concen: 83.446 ng
RT: 13.52 min Scan# 1691
Delta R.T. -0.04 min
Lab File: BG028769.D
Acq: 15 Sep 2017 16:02

Tgt Ion:172 Resp: 455877

Ion	Ratio	Lower	Upper
172	100		
171	35.4	32.2	48.2
170	23.1	21.8	32.6



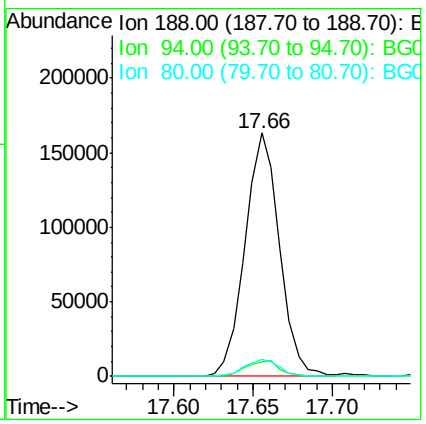


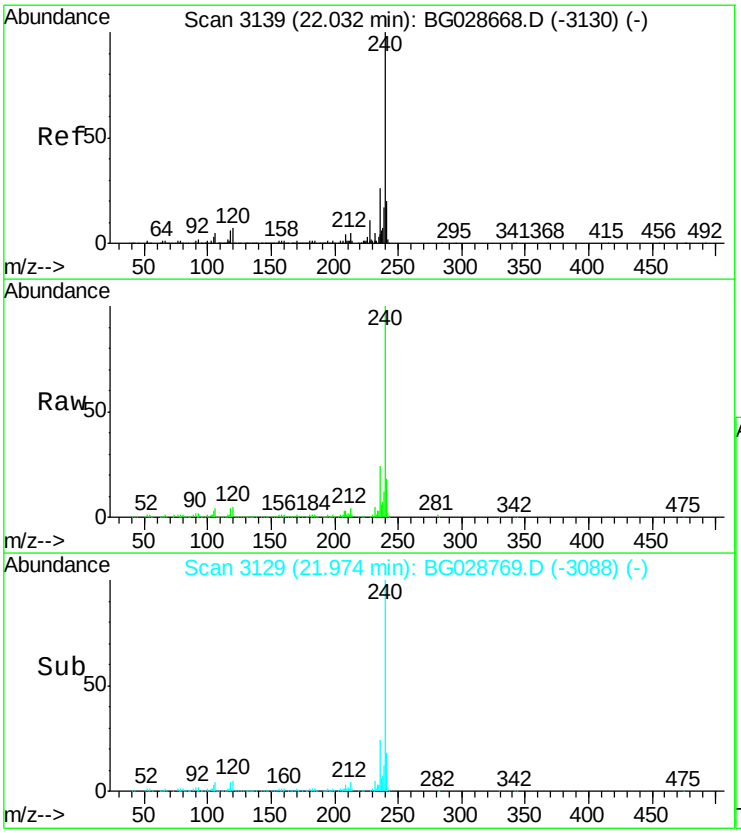
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2394
Delta R.T. -0.04 min
Lab File: BG028769.D
Acq: 15 Sep 2017 16:02

Instrument :
BNA_G
ClientSampleId :
PB102295BL

Tgt Ion:188 Resp: 246289

Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.8	8.8#
80	7.0	7.5	11.3#

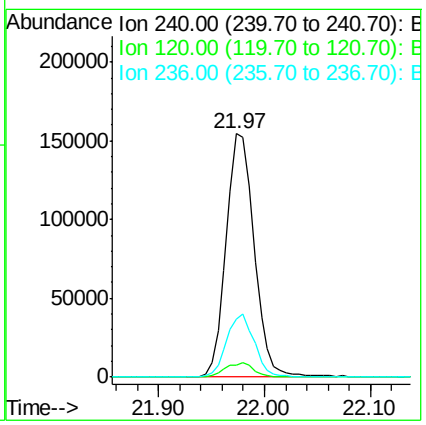


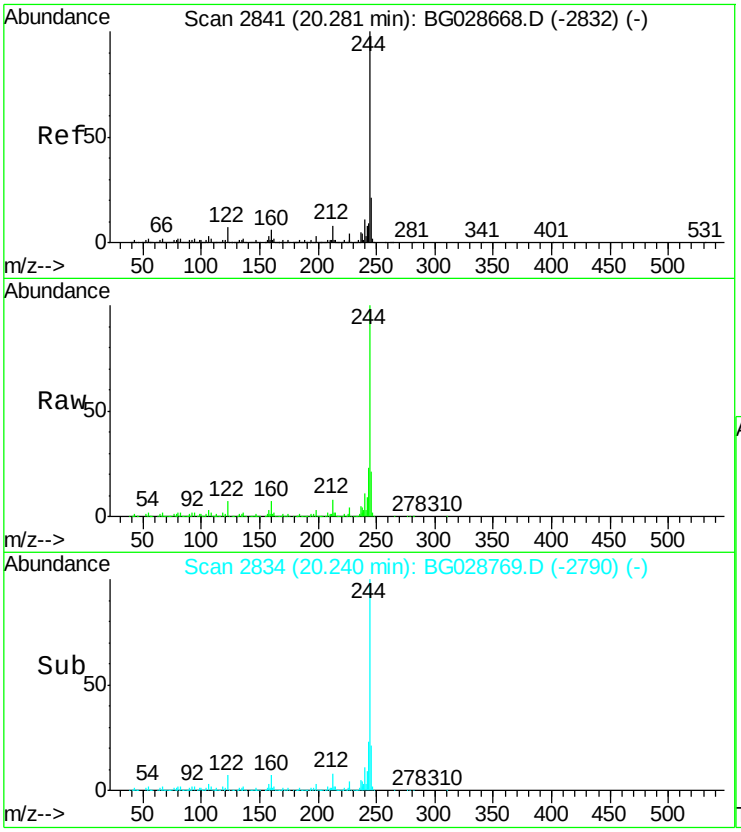


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.97 min Scan# 3129
Delta R.T. -0.06 min
Lab File: BG028769.D
Acq: 15 Sep 2017 16:02

Tgt Ion:240 Resp: 283716

Ion	Ratio	Lower	Upper
240	100		
120	4.8	5.7	8.5#
236	24.0	22.2	33.4



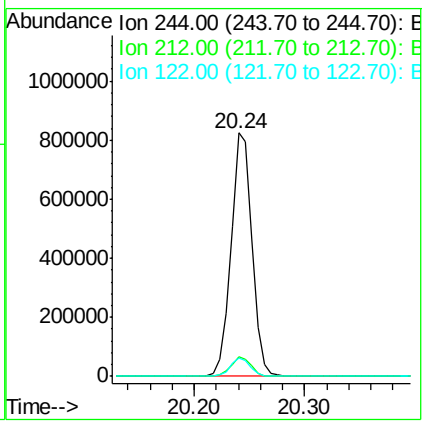


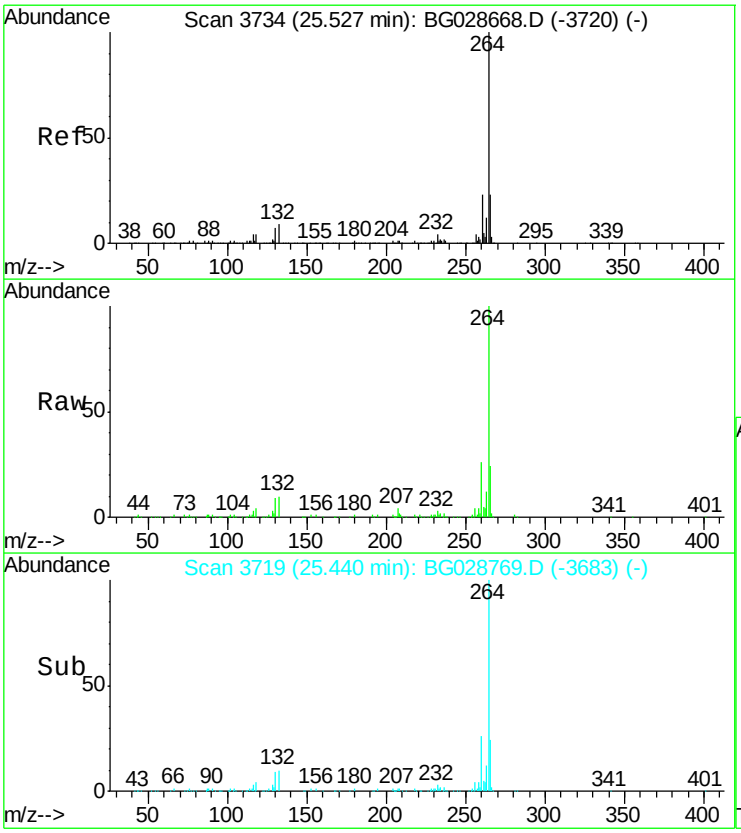
#78
Terphenyl-d14
Concen: 82.370 ng
RT: 20.24 min Scan# 2834
Delta R.T. -0.04 min
Lab File: BG028769.D
Acq: 15 Sep 2017 16:02

Instrument :
BNA_G
ClientSampleId :
PB102295BL

Tgt Ion:244 Resp: 1095844

Ion	Ratio	Lower	Upper
244	100		
212	7.9	10.0	15.0#
122	7.3	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.44 min Scan# 3719
Delta R.T. -0.09 min
Lab File: BG028769.D
Acq: 15 Sep 2017 16:02

Tgt Ion:264 Resp: 290423

Ion	Ratio	Lower	Upper
264	100		
260	25.7	21.8	32.8
265	24.0	18.2	27.4