Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
Data File : BG032696.D
Acq On : 15 Feb 2018 00:32
Operator : SJ/JU
Sample : PB106539BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB106539BL

Quant Time: Feb 15 04:46:57 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	24543	20.00	ng	-0.02
21) Naphthalene-d8	11.53	136	100905	20.00	ng	-0.02
38) Acenaphthene-d10	15.30	164	60947	20.00	ng	-0.01
63) Phenanthrene-d10	18.03	188	166810	20.00	ng	-0.02
75) Chrysene-d12	22.35	240	212722	20.00	ng	-0.02
86) Perylene-d12	25.99	264	336138	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	86841	70.99	ng	-0.01
7) Phenol-d6	7.78	99	111701	66.78	ng	-0.02
23) Nitrobenzene-d5	9.85	82	109026	68.67	ng	-0.02
41) 2,4,6-Tribromophenol	16.77	330	94461	100.66	ng	-0.02
44) 2-Fluorobiphenyl	13.92	172	338702	69.50	ng	-0.01
78) Terphenyl-d14	20.57	244	713494	76.45	ng	-0.01
Target Compounds						Qvalue

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

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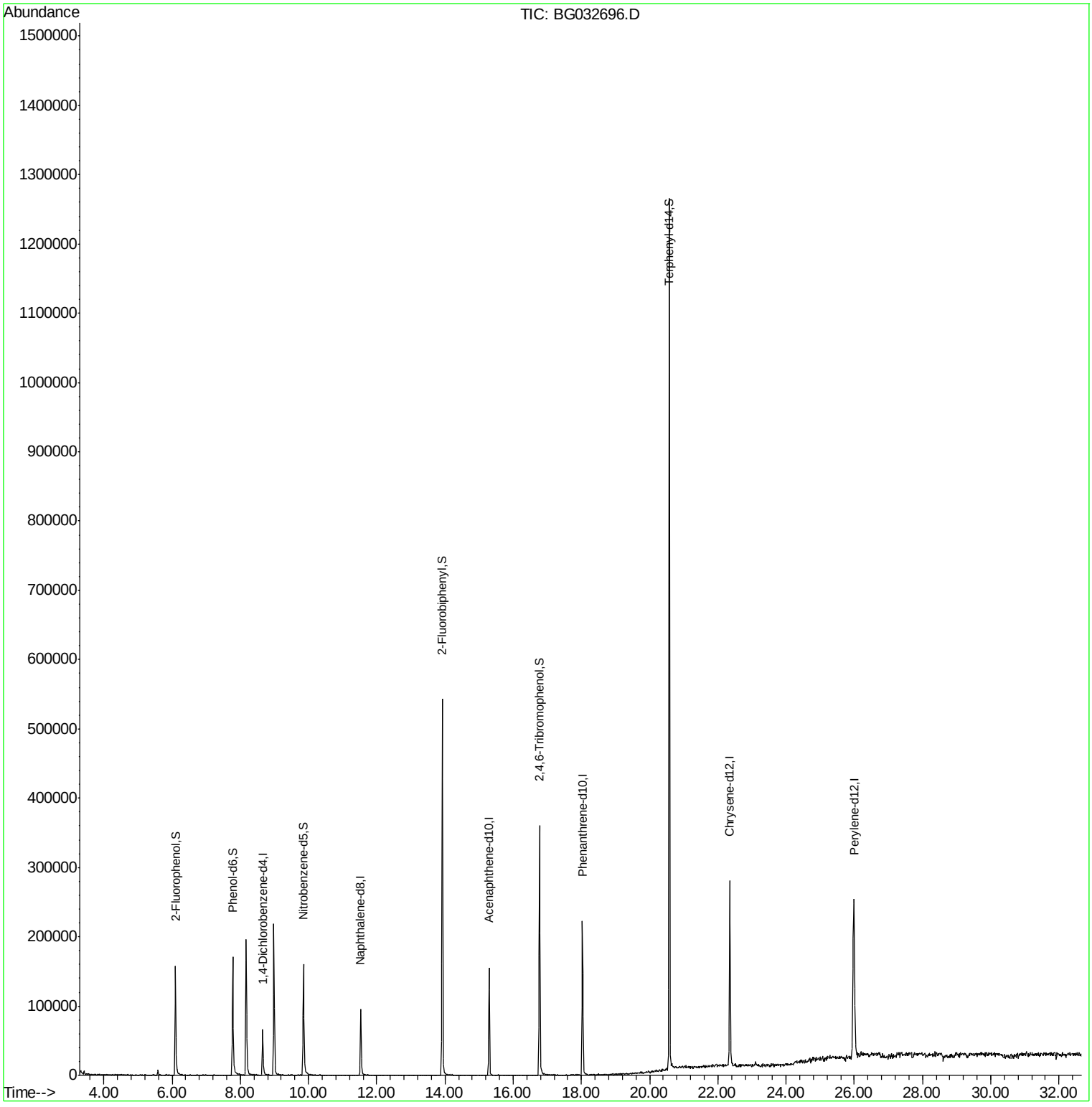
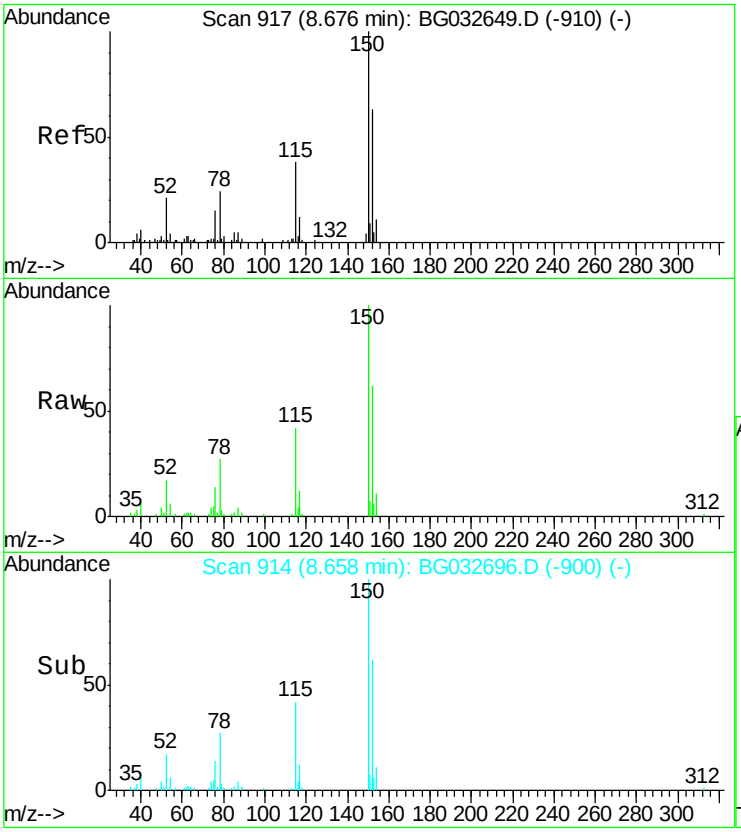


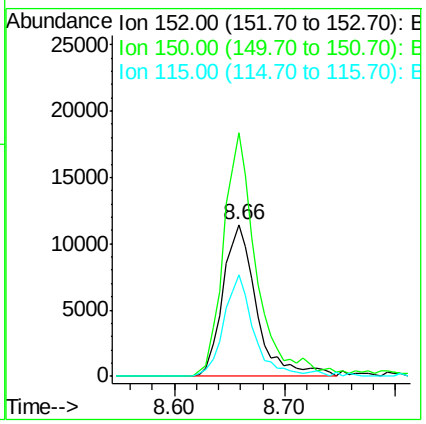


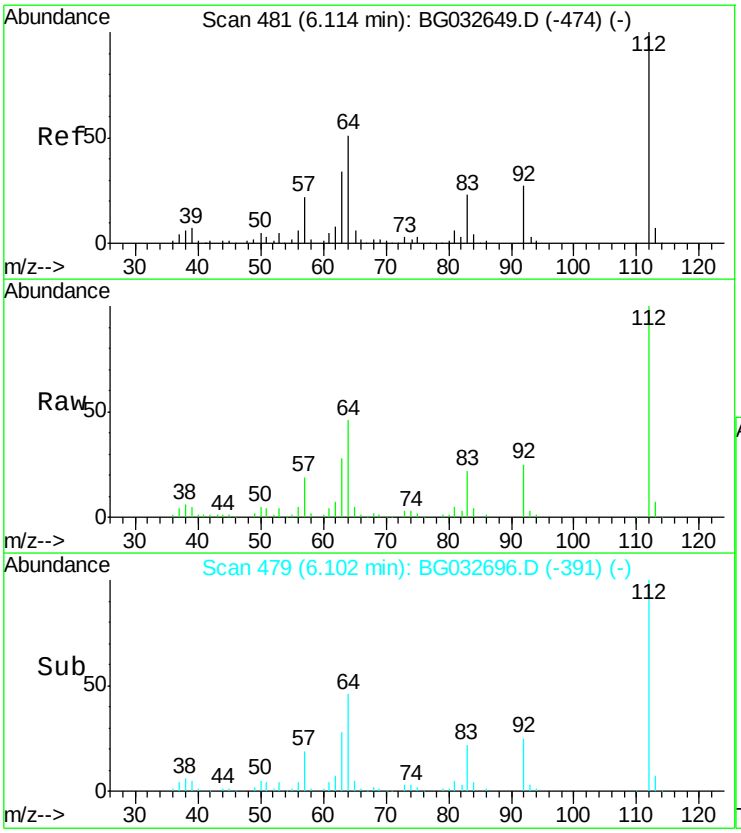
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.66 min Scan# 914
Delta R.T. -0.02 min
Lab File: BG032696.D
Acq: 15 Feb 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB106539BL

Tgt Ion:152 Resp: 24543

Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.6	189.8
115	66.5	53.0	79.4

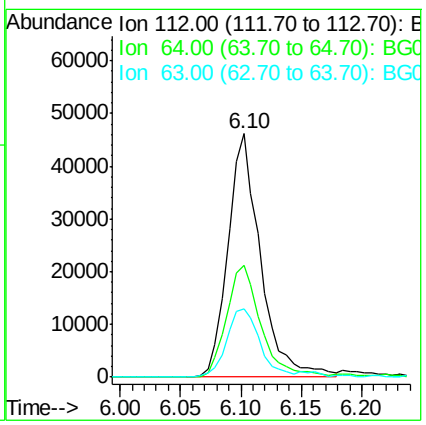


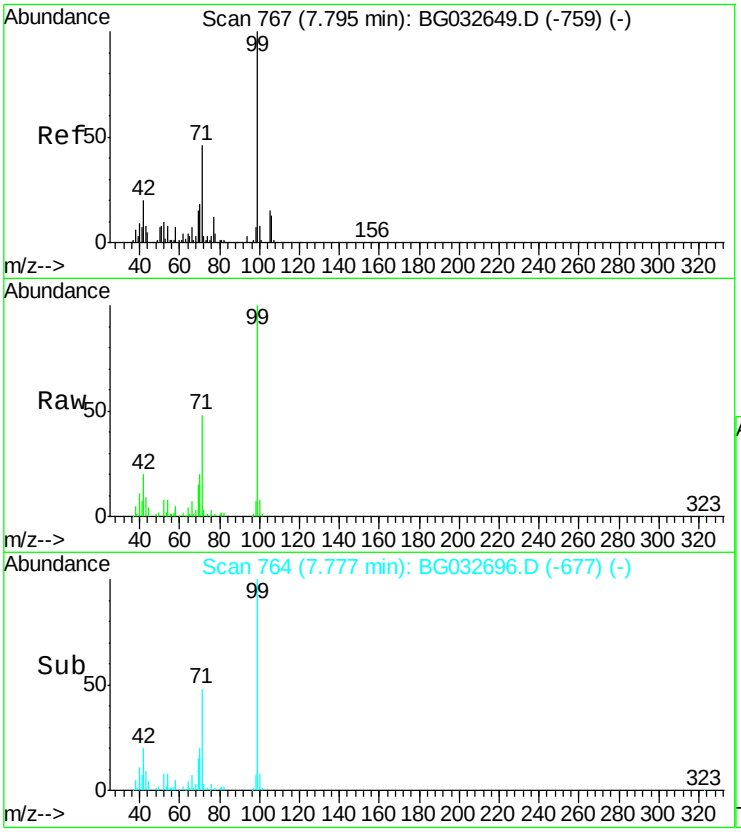


#5
2-Fluorophenol
Concen: 70.991 ng
RT: 6.10 min Scan# 479
Delta R.T. -0.01 min
Lab File: BG032696.D
Acq: 15 Feb 2018 00:32

Tgt Ion:112 Resp: 86841

Ion	Ratio	Lower	Upper
112	100		
64	45.7	56.3	84.5#
63	27.9	30.1	45.1#



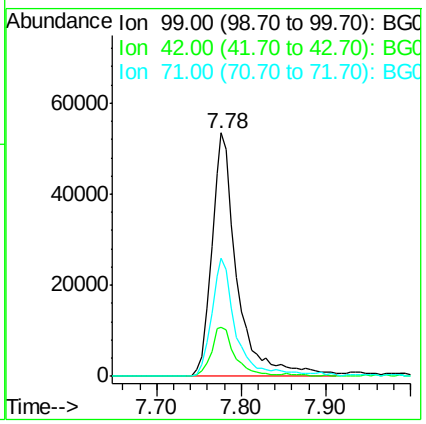


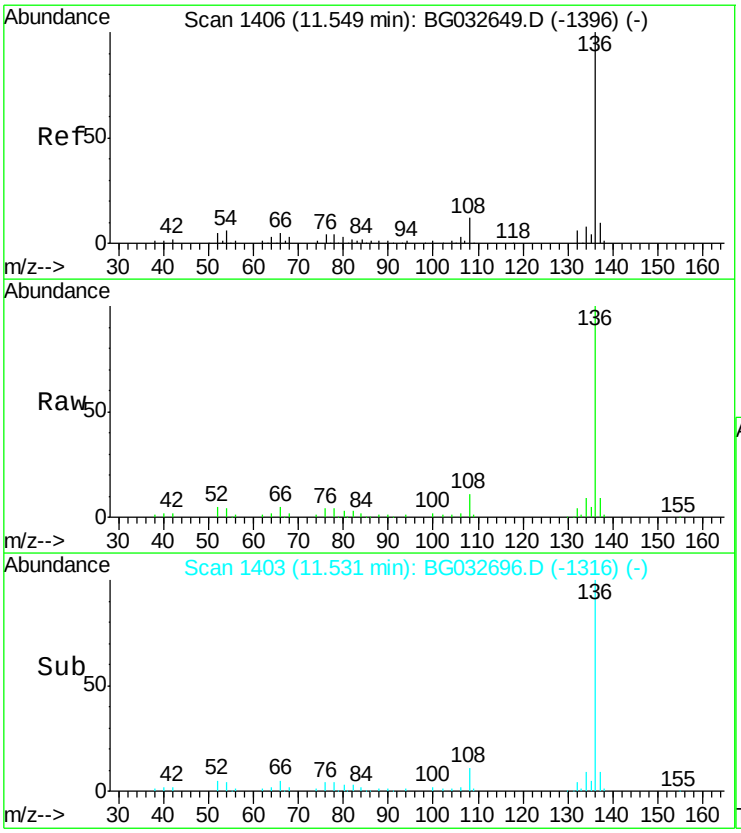
#7
Phenol-d6
Concen: 66.779 ng
RT: 7.78 min Scan# 764
Delta R.T. -0.02 min
Lab File: BG032696.D
Acq: 15 Feb 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB106539BL

Tgt Ion: 99 Resp: 111701

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.1	21.1
71	48.4	26.1	39.1#

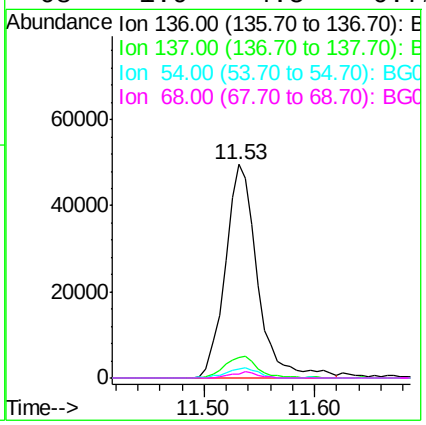


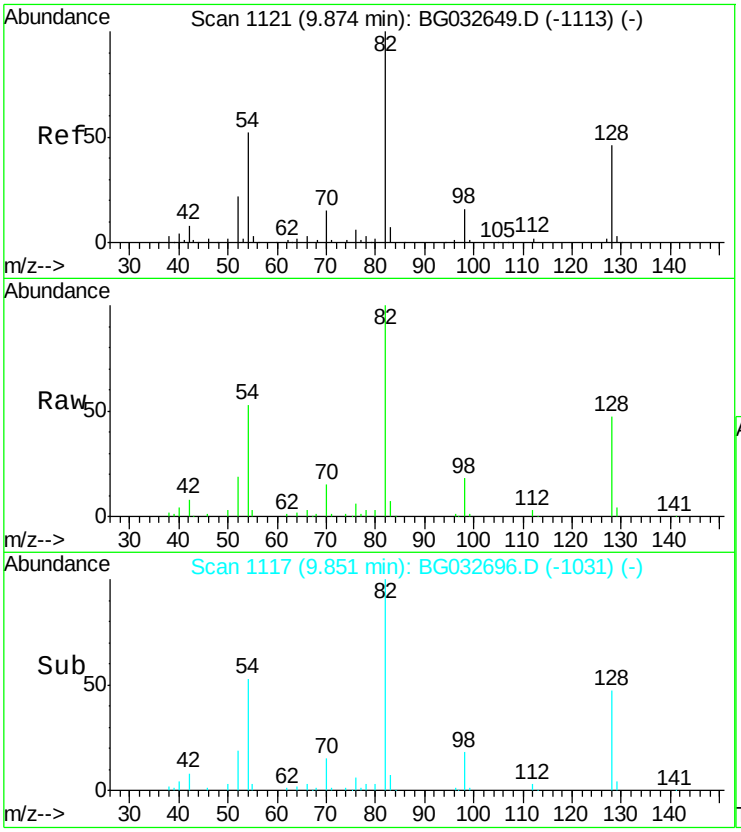


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.53 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG032696.D
Acq: 15 Feb 2018 00:32

Tgt Ion:136 Resp: 100905

Ion	Ratio	Lower	Upper
136	100		
137	9.4	9.2	13.8
54	4.1	10.3	15.5#
68	1.9	4.5	6.7#



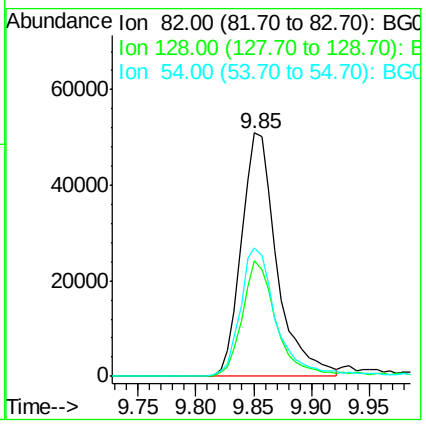


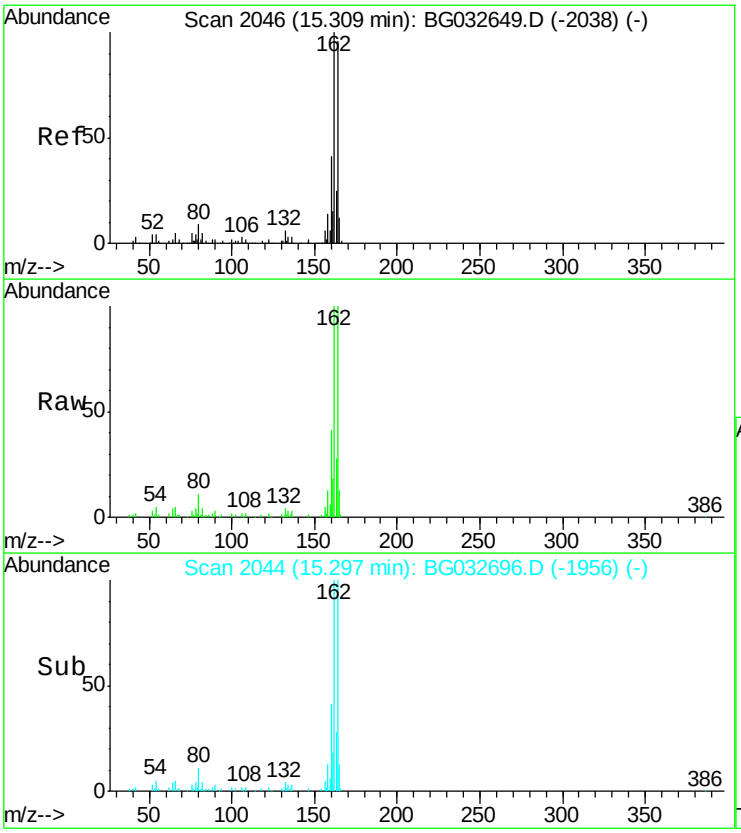
#23
Nitrobenzene-d5
Concen: 68.670 ng
RT: 9.85 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BG032696.D
Acq: 15 Feb 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB106539BL

Tgt Ion: 82 Resp: 109026

Ion	Ratio	Lower	Upper
82	100		
128	47.3	29.7	44.5#
54	52.5	43.1	64.7

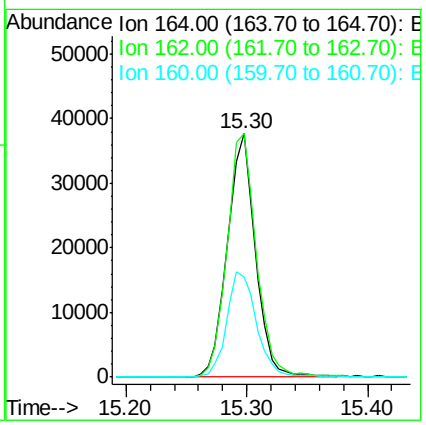


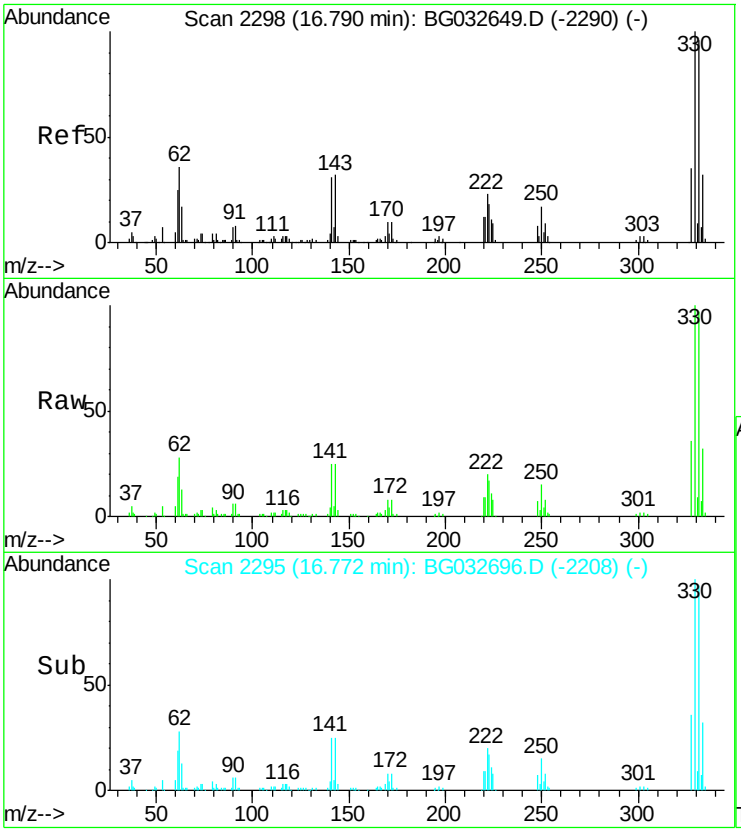


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.30 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG032696.D
Acq: 15 Feb 2018 00:32

Tgt Ion:164 Resp: 60947

Ion	Ratio	Lower	Upper
164	100		
162	100.1	78.8	118.2
160	41.2	35.4	53.0



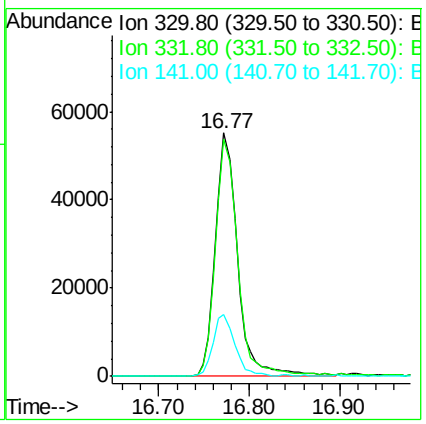


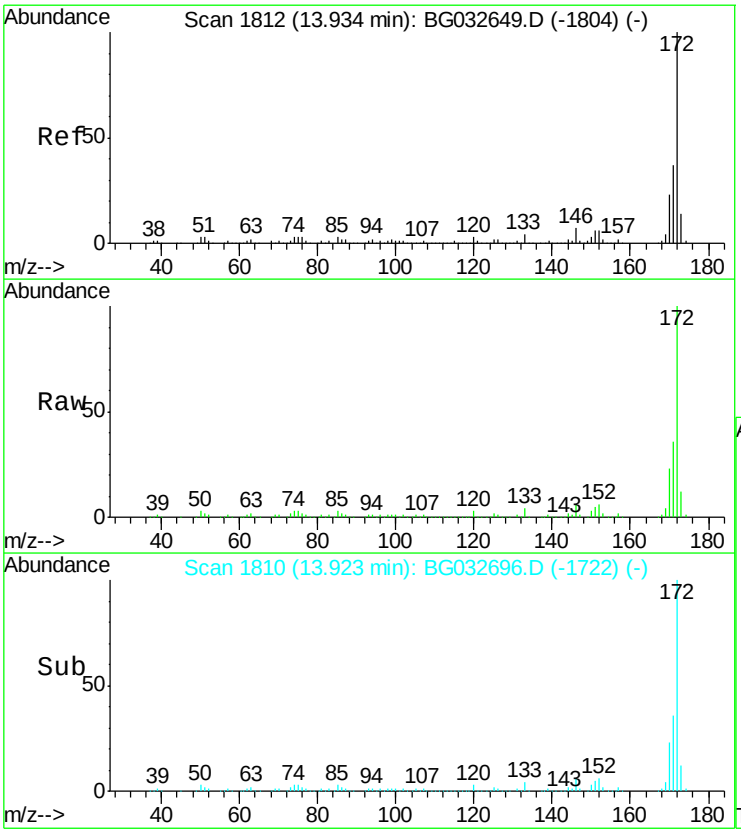
#41
2,4,6-Tribromophenol
Concen: 100.656 ng
RT: 16.77 min Scan# 2295
Delta R.T. -0.02 min
Lab File: BG032696.D
Acq: 15 Feb 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB106539BL

Tgt Ion:330 Resp: 94461

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	24.5	25.2	37.8#

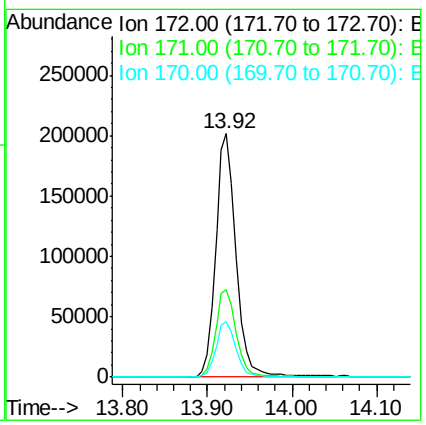


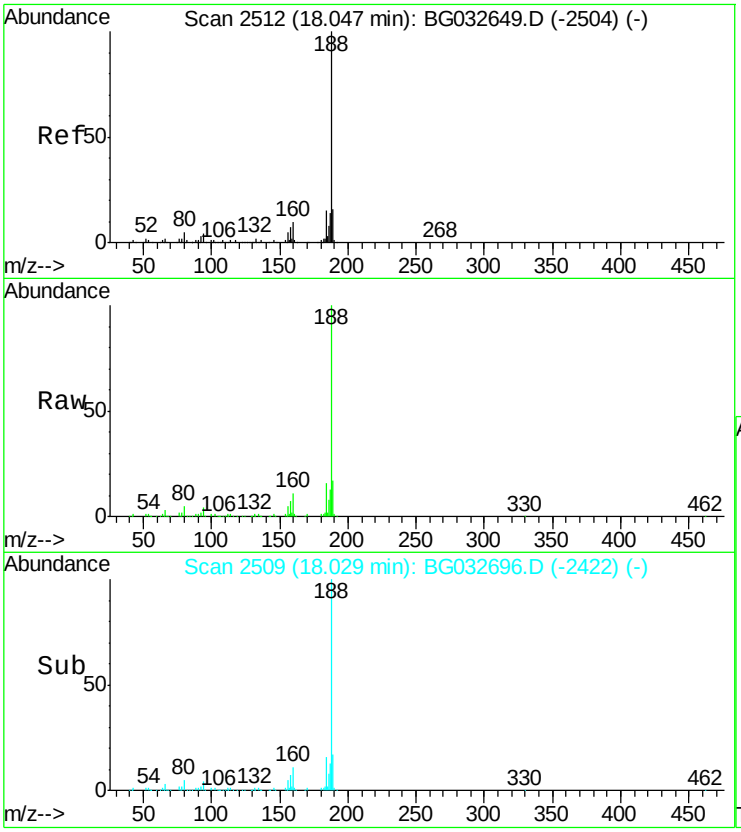


#44
2-Fluorobiphenyl
Concen: 69.496 ng
RT: 13.92 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BG032696.D
Acq: 15 Feb 2018 00:32

Tgt Ion:172 Resp: 338702

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.0	45.0
170	22.9	19.5	29.3



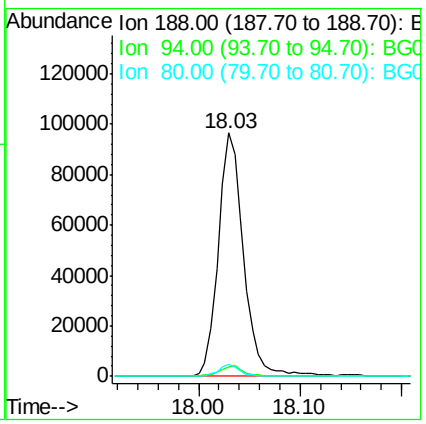


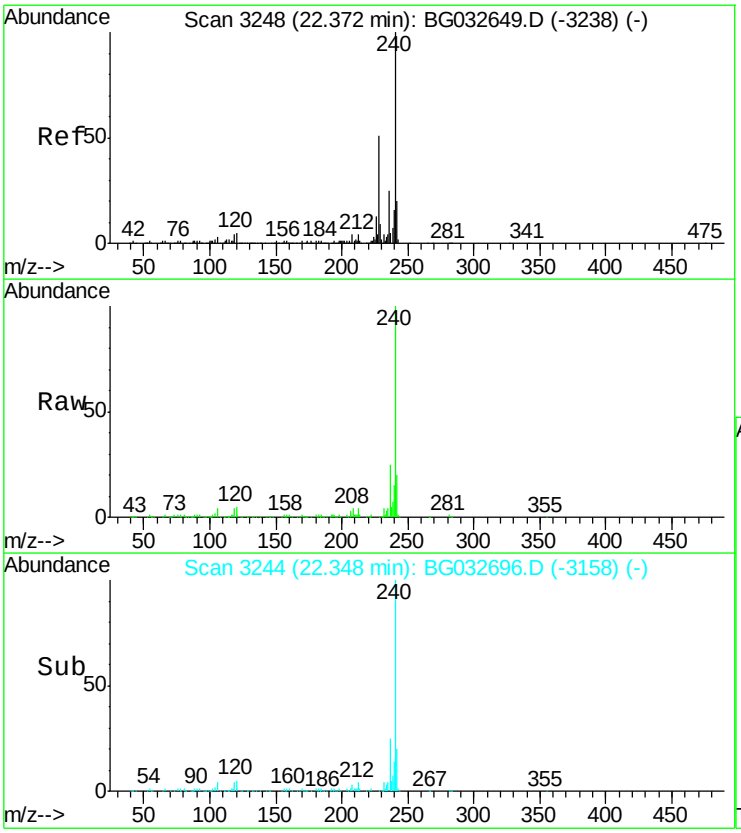
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.03 min Scan# 2509
Delta R.T. -0.02 min
Lab File: BG032696.D
Acq: 15 Feb 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB106539BL

Tgt Ion:188 Resp: 166810

Ion	Ratio	Lower	Upper
188	100		
94	4.0	6.9	10.3#
80	4.7	7.7	11.5#

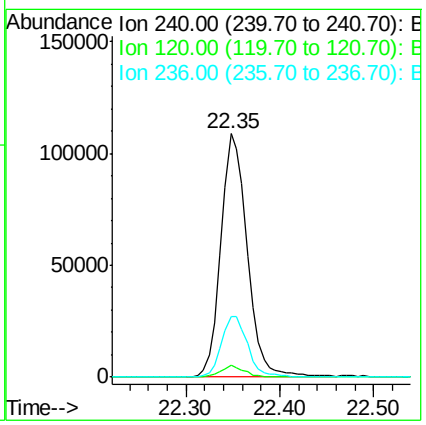


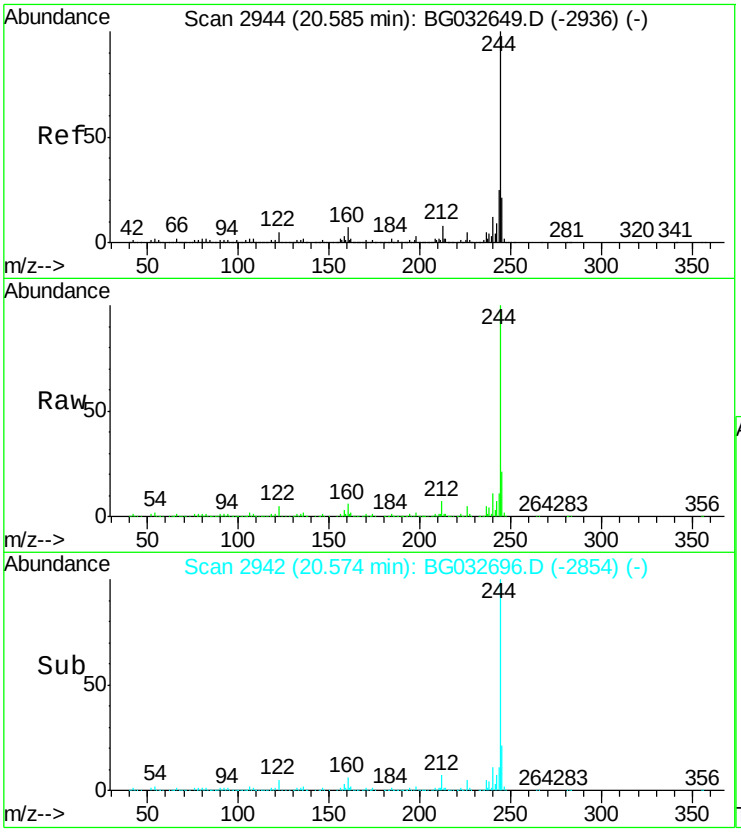


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.35 min Scan# 3244
Delta R.T. -0.02 min
Lab File: BG032696.D
Acq: 15 Feb 2018 00:32

Tgt Ion:240 Resp: 212722

Ion	Ratio	Lower	Upper
240	100		
120	5.7	6.8	10.2#
236	25.0	20.9	31.3



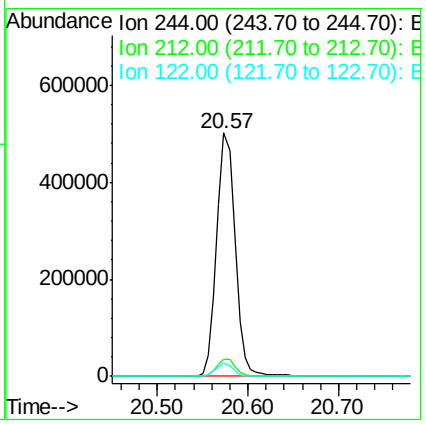


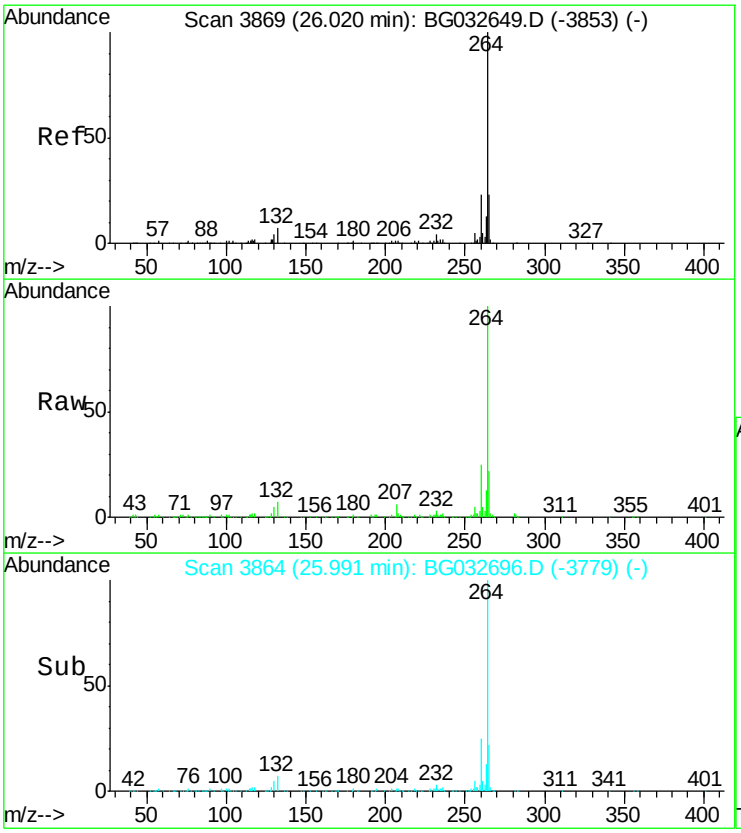
#78
Terphenyl-d14
Concen: 76.447 ng
RT: 20.57 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BG032696.D
Acq: 15 Feb 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB106539BL

Tgt Ion:244 Resp: 713494

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	5.3	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.99 min Scan# 3864
Delta R.T. -0.03 min
Lab File: BG032696.D
Acq: 15 Feb 2018 00:32

Tgt Ion:264 Resp: 336138

Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	22.3	17.7	26.5