Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082216\
Data File : BG023834.D
Acq On : 22 Aug 2016 15:37
Operator : UM/SJ
Sample : H4500-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HSR-WC-65-081616

Quant Time: Aug 22 17:18:43 2016
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	96566	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	400657	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	264317	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	616047	20.00	ng	-0.01
75) Chrysene-d12	21.85	240	679712	20.00	ng	-0.01
86) Perylene-d12	25.23	264	665955	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	733566	127.87	ng	-0.03
7) Phenol-d6	7.25	99	989492	110.74	ng	-0.02
23) Nitrobenzene-d5	9.27	82	769177	95.44	ng	-0.02
41) 2,4,6-Tribromophenol	16.27	330	477986	123.63	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1463937	93.42	ng	-0.02
78) Terphenyl-d14	20.14	244	2277441	110.63	ng	-0.01
Target Compounds						Qvalue

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

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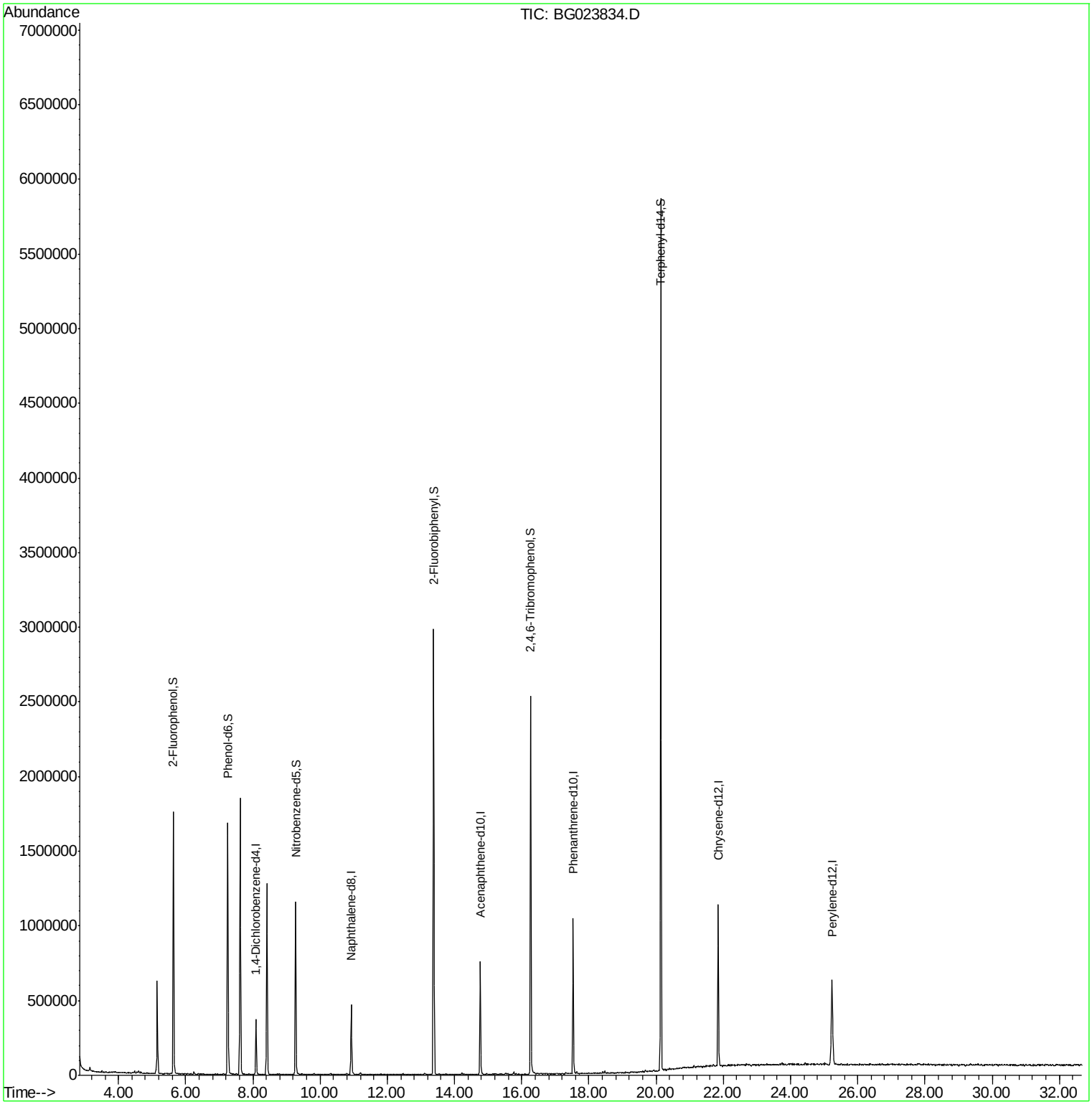
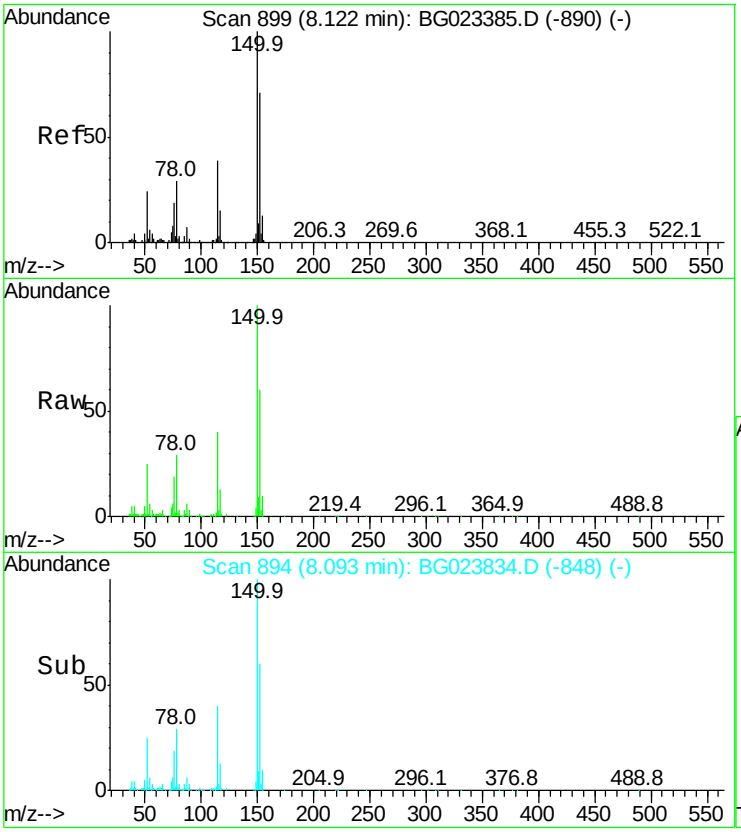


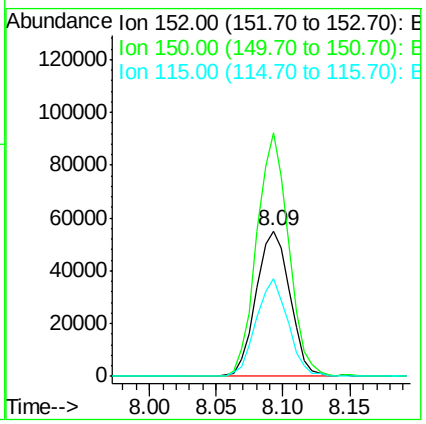


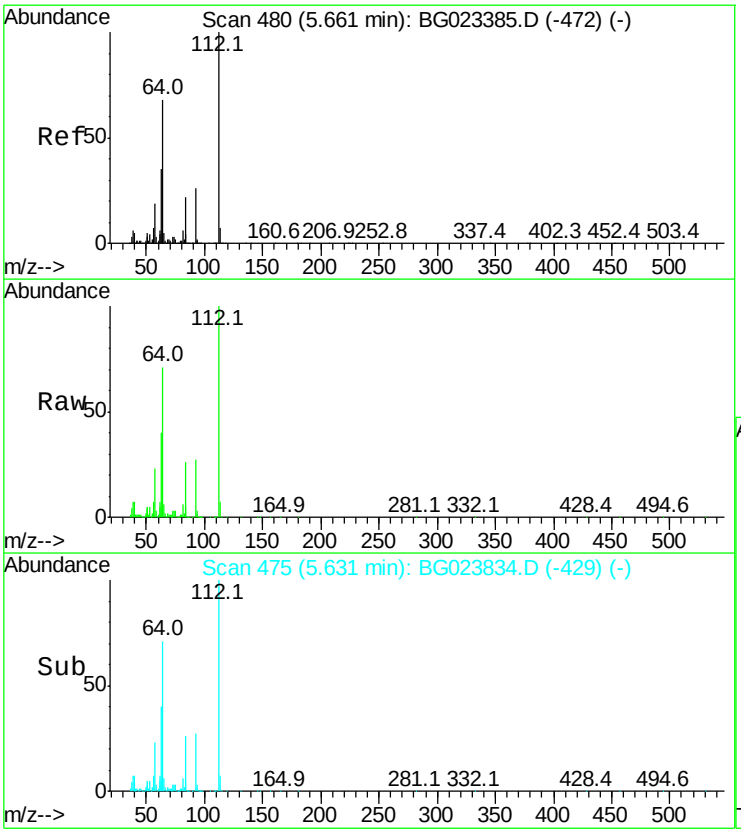
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.03 min
Lab File: BG023834.D
Acq: 22 Aug 2016 15:37

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616

Tgt Ion:152 Resp: 96566

Ion	Ratio	Lower	Upper
152	100		
150	167.2	144.7	217.1
115	67.0	64.0	96.0

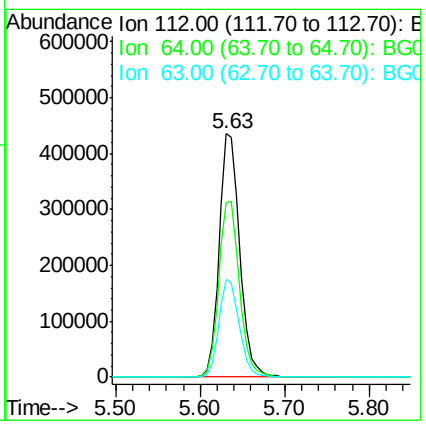


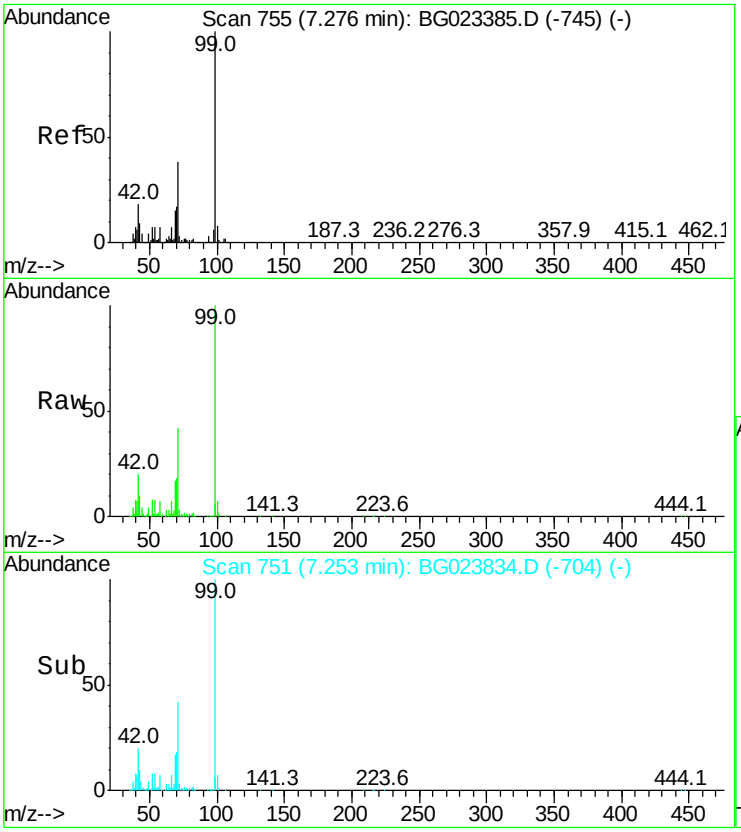


#5
2-Fluorophenol
Concen: 127.87 ng
RT: 5.63 min Scan# 475
Delta R.T. -0.03 min
Lab File: BG023834.D
Acq: 22 Aug 2016 15:37

Tgt Ion:112 Resp: 733566

Ion	Ratio	Lower	Upper
112	100		
64	71.4	59.0	88.4
63	40.0	37.8	56.8



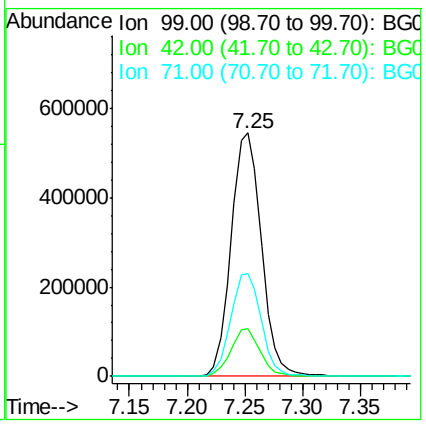


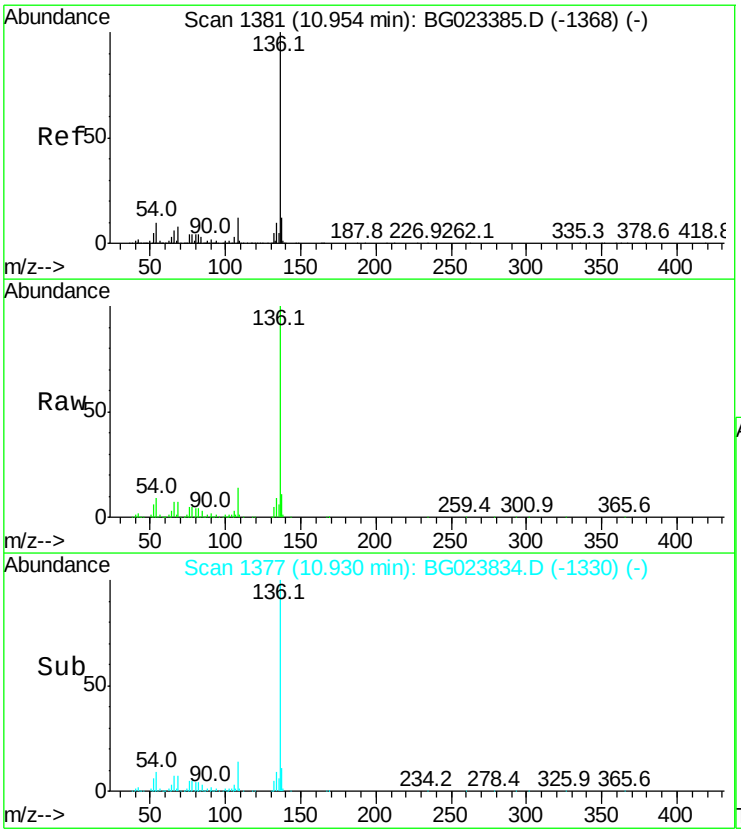
#7
Phenol-d6
Concen: 110.74 ng
RT: 7.25 min Scan# 751
Delta R.T. -0.02 min
Lab File: BG023834.D
Acq: 22 Aug 2016 15:37

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616

Tgt Ion: 99 Resp: 989492

Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.8	26.6
71	42.5	41.5	62.3

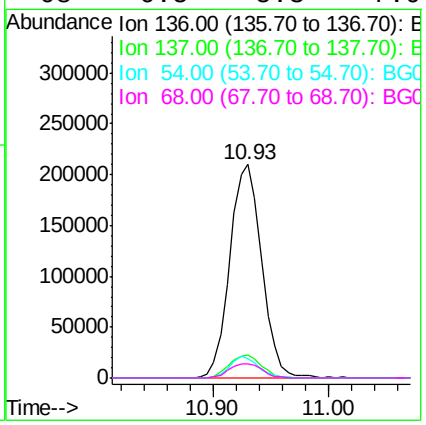


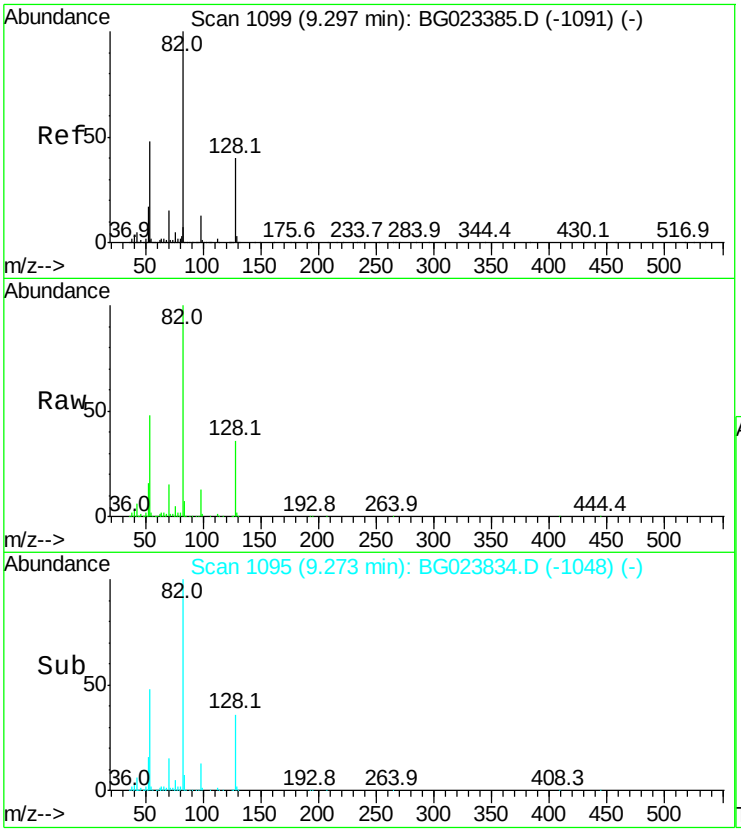


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG023834.D
Acq: 22 Aug 2016 15:37

Tgt Ion:136 Resp: 400657

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	9.3	7.3	10.9
68	6.5	5.3	7.9



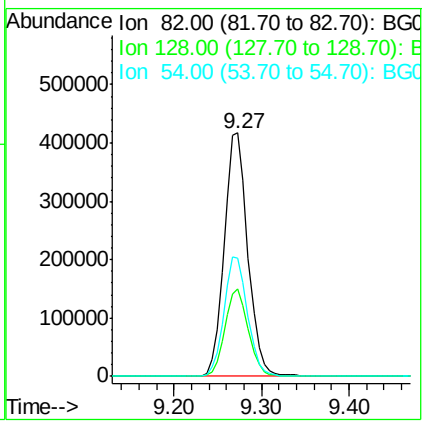


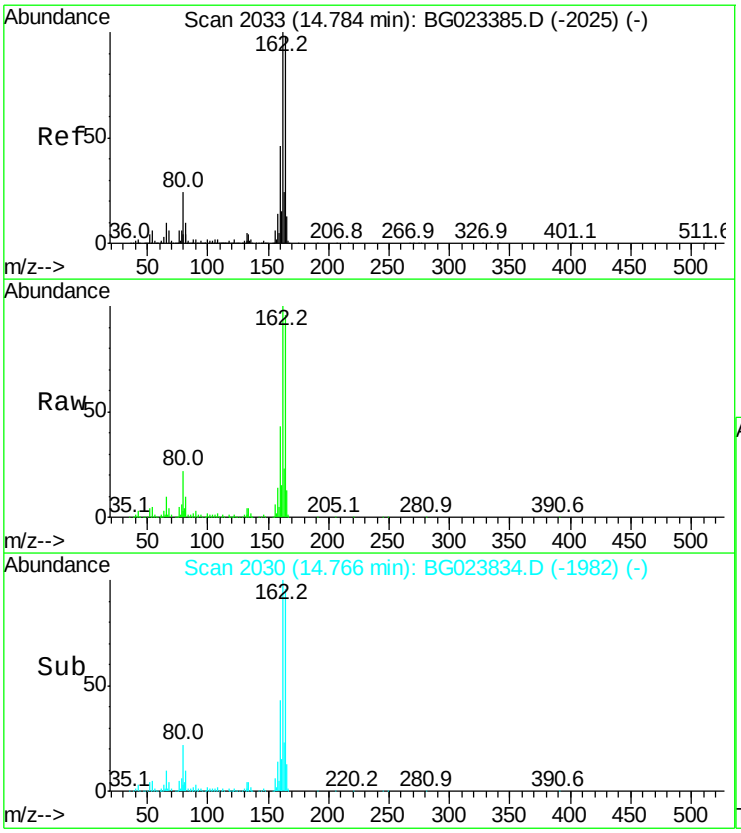
#23
Nitrobenzene-d5
Concen: 95.44 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.02 min
Lab File: BG023834.D
Acq: 22 Aug 2016 15:37

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616

Tgt Ion: 82 Resp: 769177

Ion	Ratio	Lower	Upper
82	100		
128	35.8	24.4	36.6
54	48.3	41.4	62.0

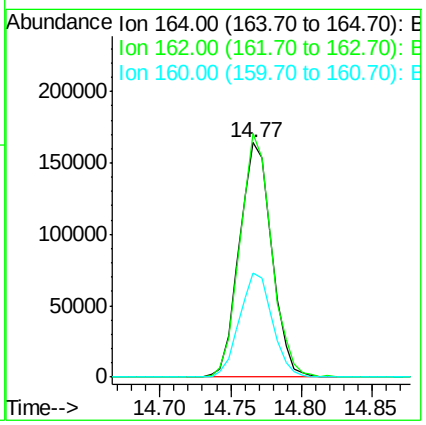


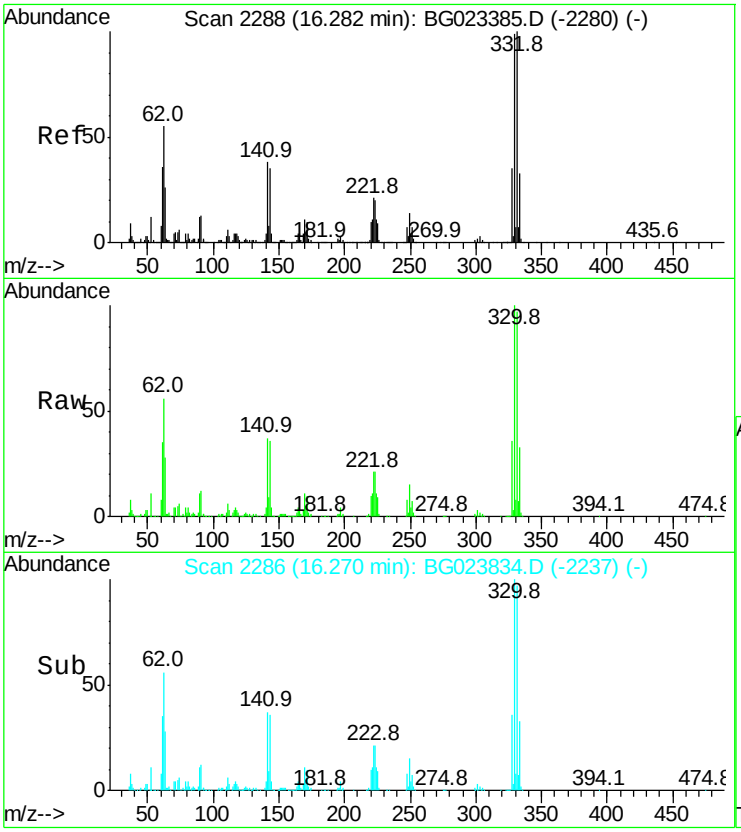


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BG023834.D
Acq: 22 Aug 2016 15:37

Tgt Ion:164 Resp: 264317

Ion	Ratio	Lower	Upper
164	100		
162	103.8	87.7	131.5
160	44.2	37.2	55.8



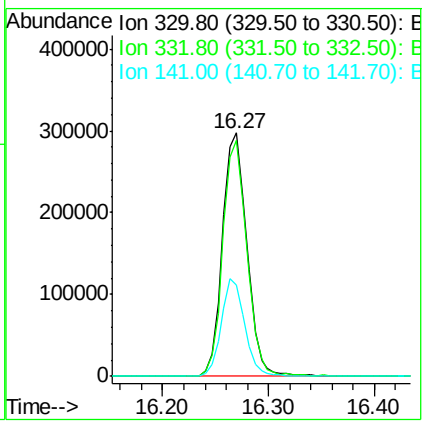


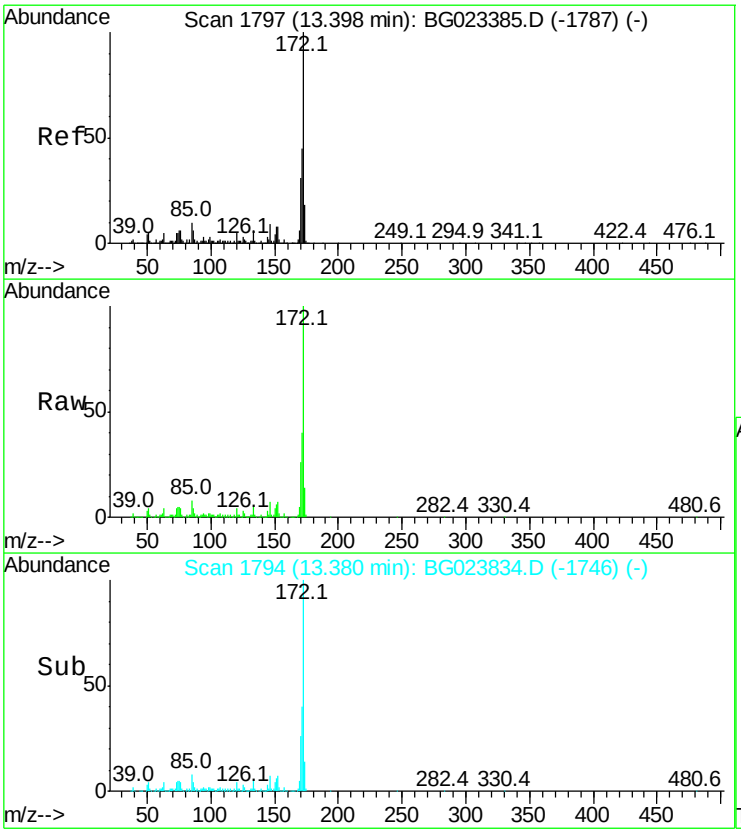
#41
2,4,6-Tribromophenol
Concen: 123.63 ng
RT: 16.27 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BG023834.D
Acq: 22 Aug 2016 15:37

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616

Tgt Ion:330 Resp: 477986

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.4	116.2
141	38.3	31.7	47.5

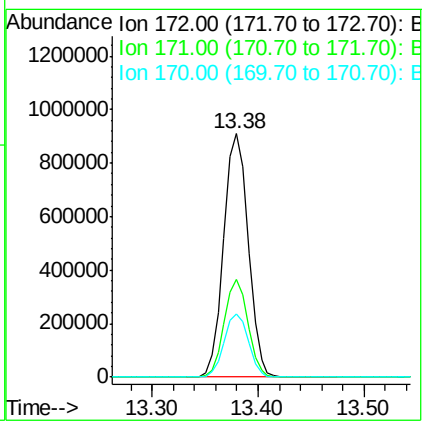


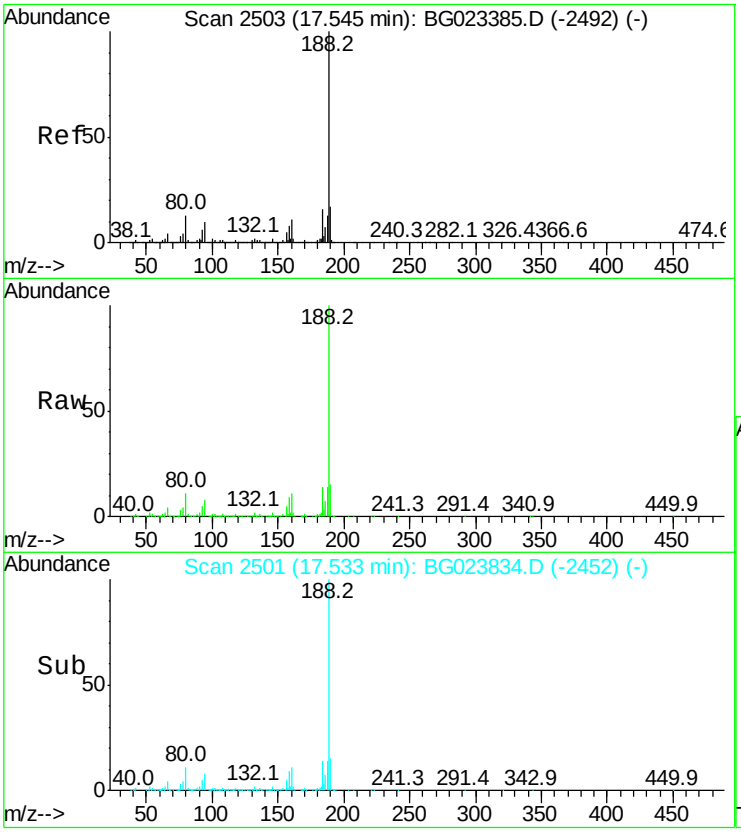


#44
2-Fluorobiphenyl
Concen: 93.42 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG023834.D
Acq: 22 Aug 2016 15:37

Tgt Ion:172 Resp: 1463937

Ion	Ratio	Lower	Upper
172	100		
171	39.9	31.6	47.4
170	26.1	21.3	31.9



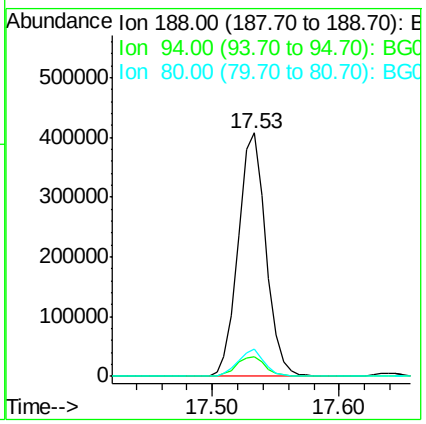


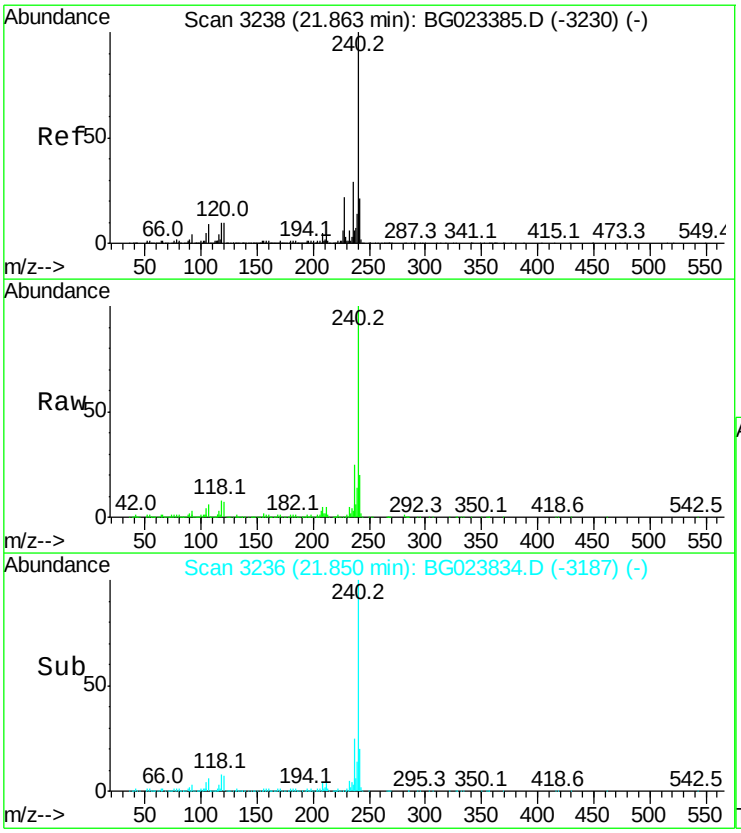
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BG023834.D
Acq: 22 Aug 2016 15:37

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616

Tgt Ion:188 Resp: 616047

Ion	Ratio	Lower	Upper
188	100		
94	8.3	5.2	7.8#
80	11.0	7.2	10.8#

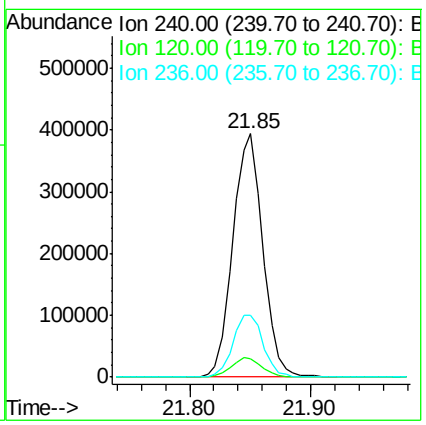


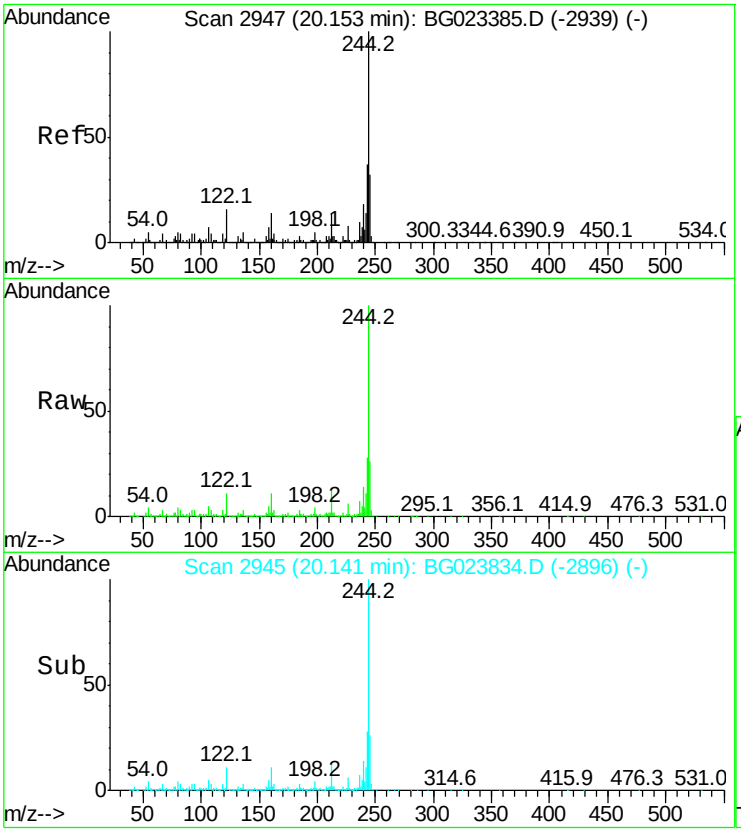


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. -0.01 min
Lab File: BG023834.D
Acq: 22 Aug 2016 15:37

Tgt Ion:240 Resp: 679712

Ion	Ratio	Lower	Upper
240	100		
120	7.3	4.1	6.1#
236	25.3	21.1	31.7



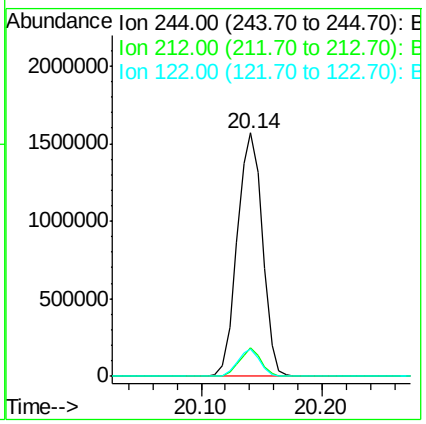


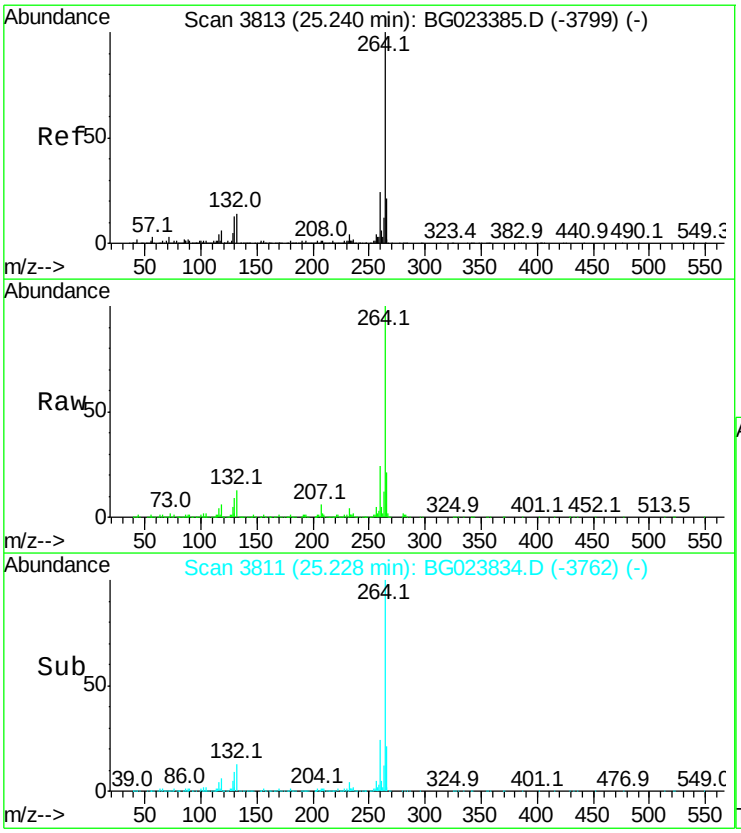
#78
Terphenyl-d14
Concen: 110.63 ng
RT: 20.14 min Scan# 2945
Delta R.T. -0.01 min
Lab File: BG023834.D
Acq: 22 Aug 2016 15:37

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616

Tgt Ion:244 Resp: 2277441

Ion	Ratio	Lower	Upper
244	100		
212	11.6	10.8	16.2
122	11.2	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3811
Delta R.T. -0.01 min
Lab File: BG023834.D
Acq: 22 Aug 2016 15:37

Tgt Ion:264 Resp: 665955

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	21.2	18.9	28.3