Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023906.D
Acq On : 25 Aug 2016 22:58
Operator : UM/SJ
Sample : H4588-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-04

Quant Time: Aug 26 01:45:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 24 17:42:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	123854	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	542247	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	343463	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	759780	20.00	ng	0.00
75) Chrysene-d12	21.85	240	795028	20.00	ng	0.00
86) Perylene-d12	25.24	264	793561	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	386368	52.51	ng	0.00
7) Phenol-d6	7.25	99	368765	32.18	ng	0.00
23) Nitrobenzene-d5	9.27	82	839618	76.98	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	441041	87.79	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1565524	76.88	ng	0.00
78) Terphenyl-d14	20.14	244	1955359	74.63	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.20	163	211218	8.02	ng	99

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

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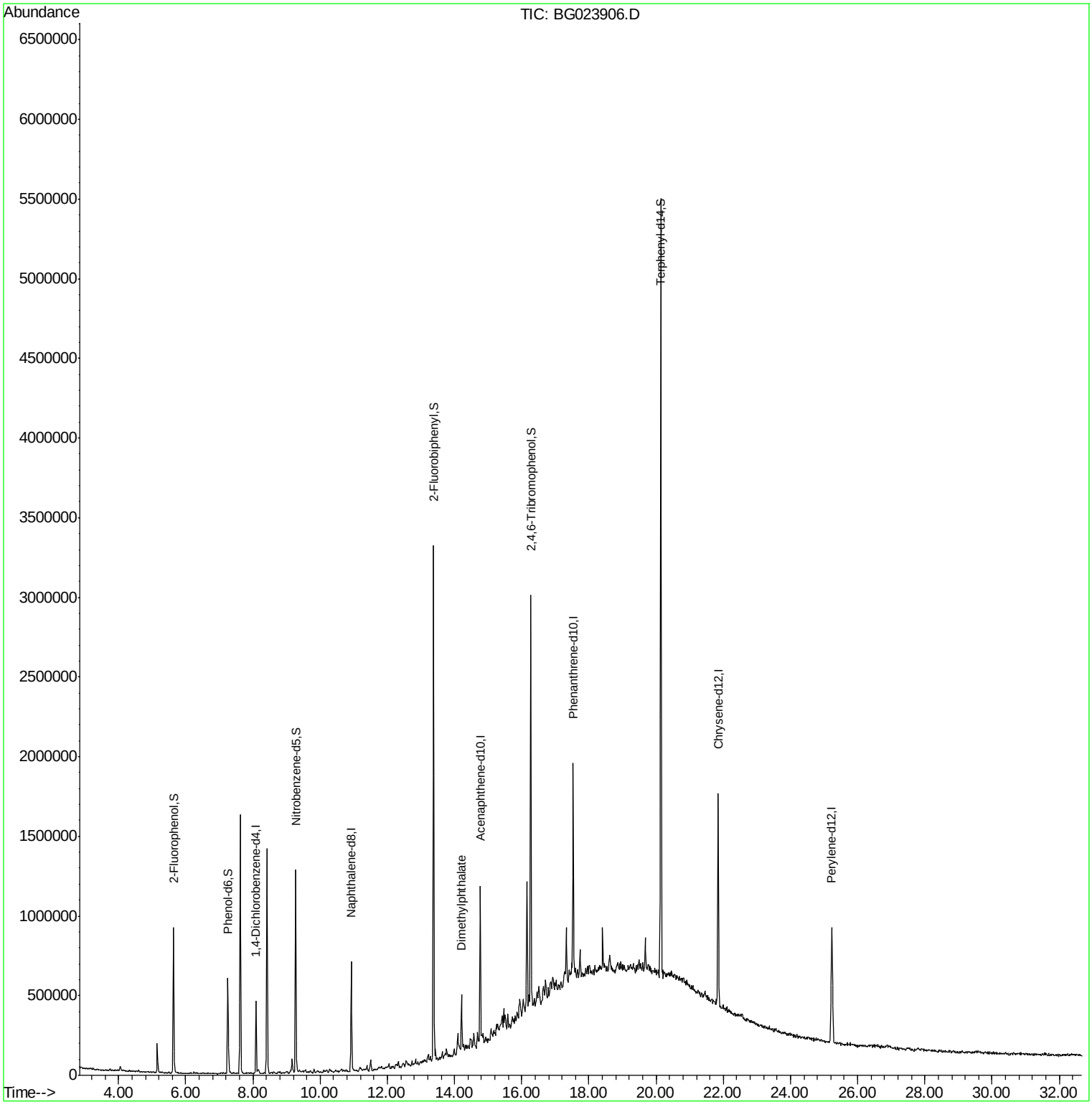
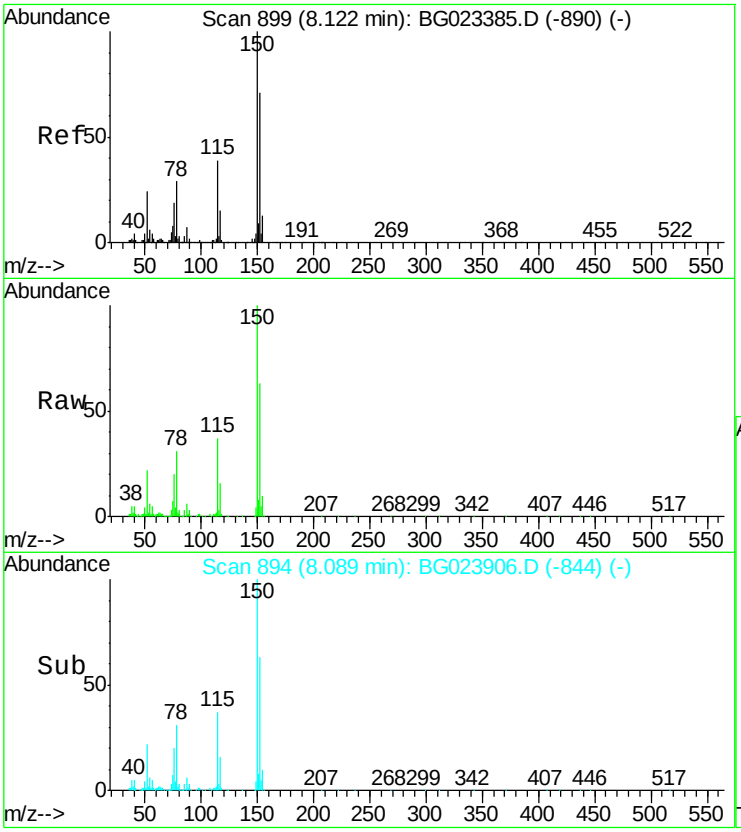


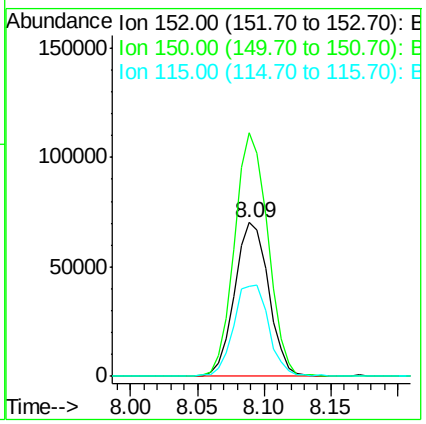


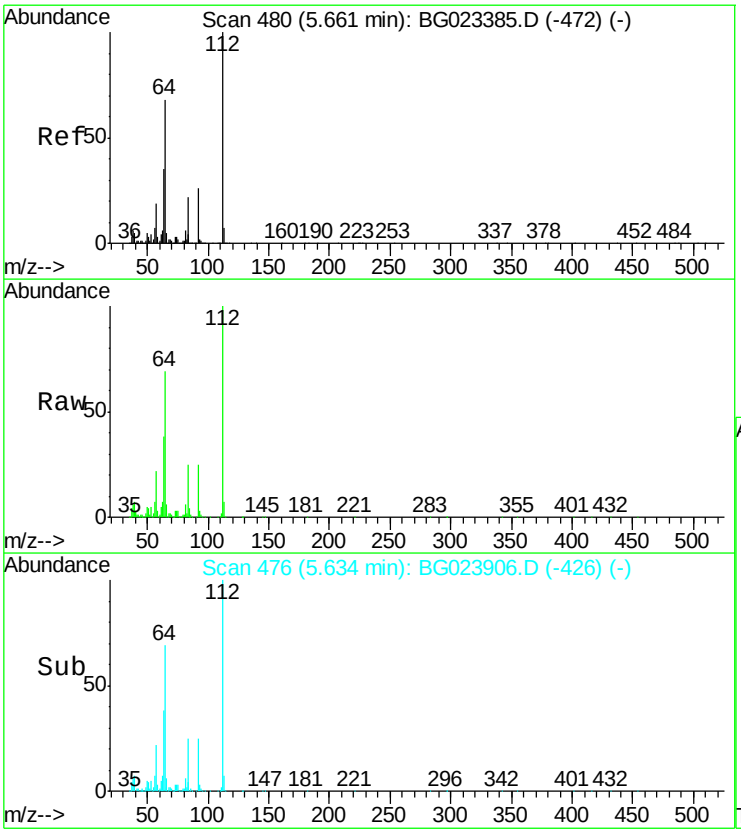
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG023906.D
Acq: 25 Aug 2016 22:58

Instrument :
BNA_G
ClientSampleId :
MW-04

Tgt Ion:152 Resp: 123854

Ion	Ratio	Lower	Upper
152	100		
150	158.7	144.7	217.1
115	58.7	64.0	96.0#

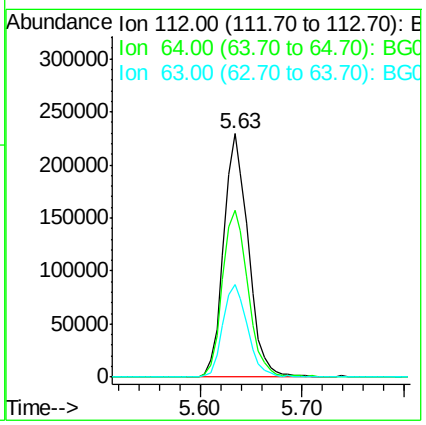


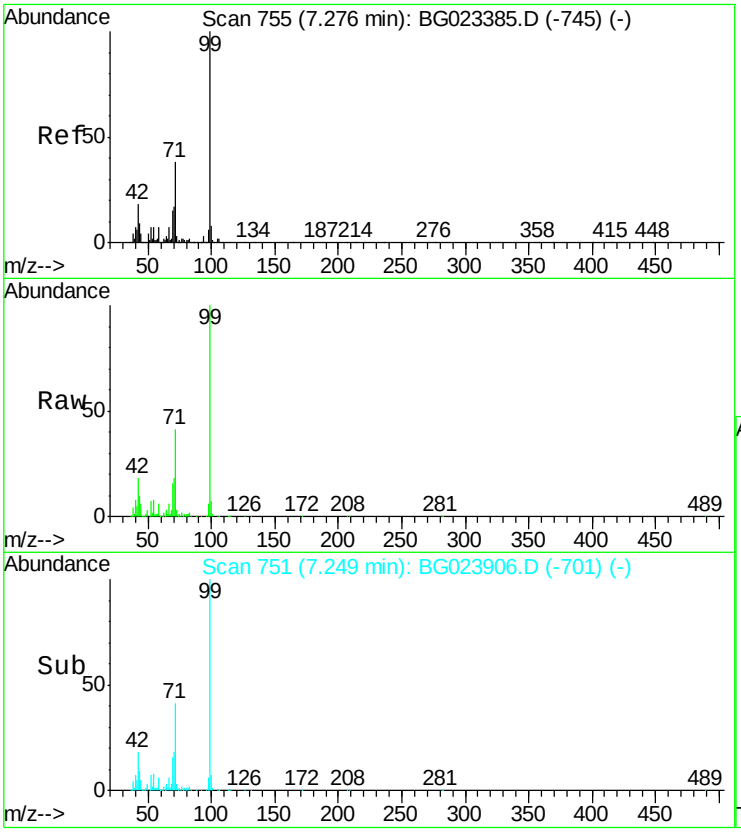


#5
2-Fluorophenol
Concen: 52.51 ng
RT: 5.63 min Scan# 476
Delta R.T. -0.01 min
Lab File: BG023906.D
Acq: 25 Aug 2016 22:58

Tgt Ion:112 Resp: 386368

Ion	Ratio	Lower	Upper
112	100		
64	68.5	59.0	88.4
63	38.0	37.8	56.8



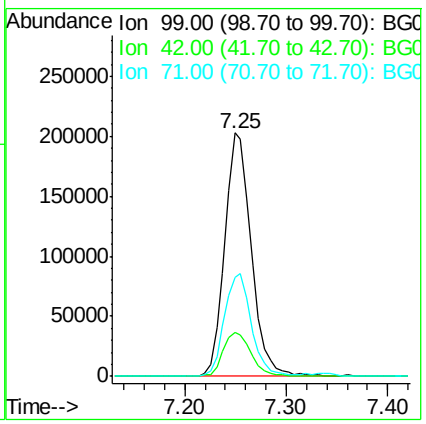


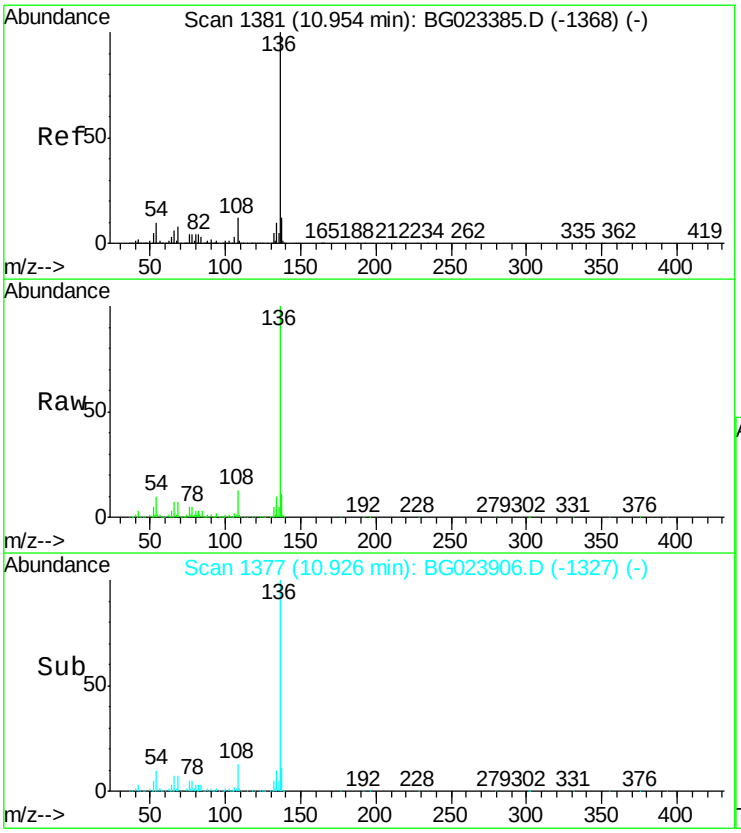
#7
Phenol-d6
Concen: 32.18 ng
RT: 7.25 min Scan# 751
Delta R.T. -0.01 min
Lab File: BG023906.D
Acq: 25 Aug 2016 22:58

Instrument :
BNA_G
ClientSampleId :
MW-04

Tgt Ion: 99 Resp: 368765

Ion	Ratio	Lower	Upper
99	100		
42	17.8	17.8	26.6
71	40.9	41.5	62.3#

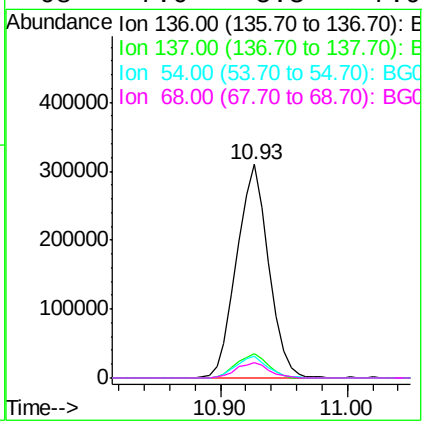


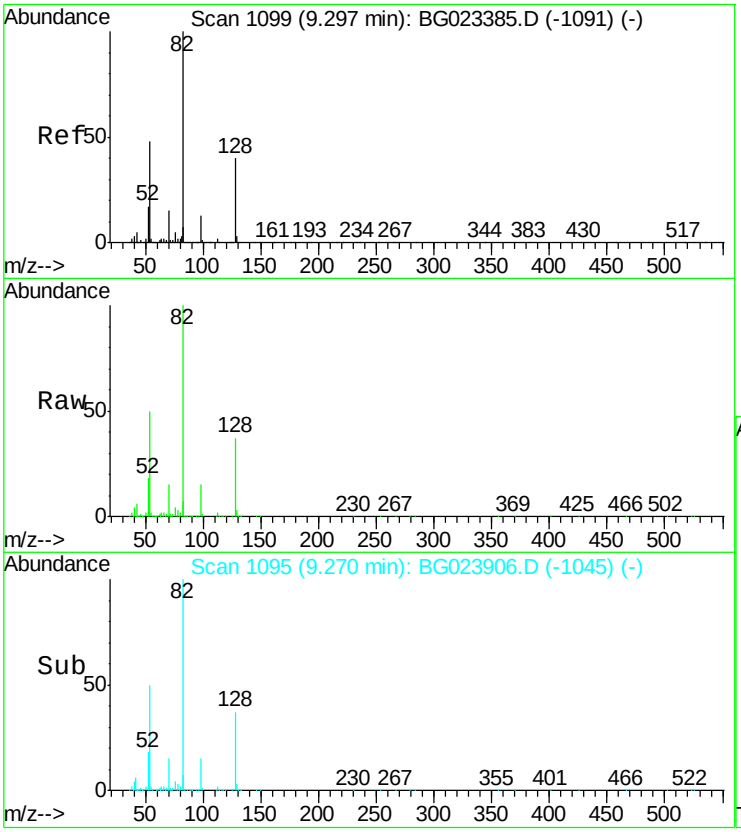


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG023906.D
Acq: 25 Aug 2016 22:58

Tgt Ion:136 Resp: 542247

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	10.0	7.3	10.9
68	7.0	5.3	7.9



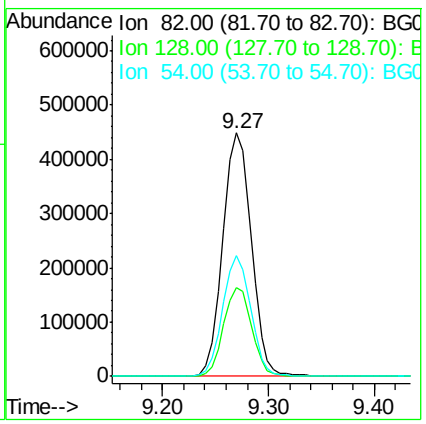


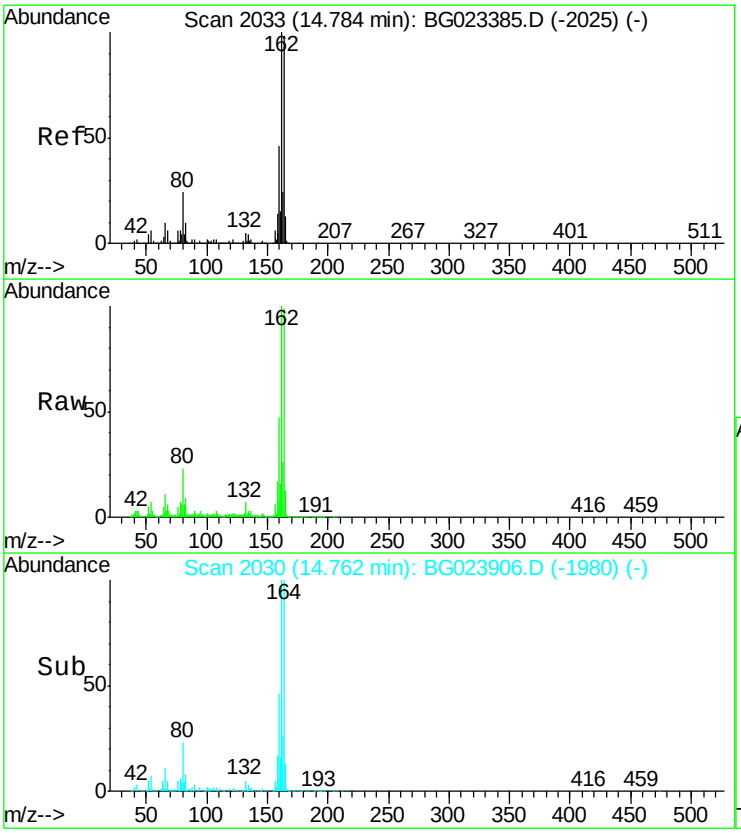
#23
Nitrobenzene-d5
Concen: 76.98 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BG023906.D
Acq: 25 Aug 2016 22:58

Instrument :
BNA_G
ClientSampleId :
MW-04

Tgt Ion: 82 Resp: 839618

Ion	Ratio	Lower	Upper
82	100		
128	36.6	24.4	36.6
54	49.7	41.4	62.0

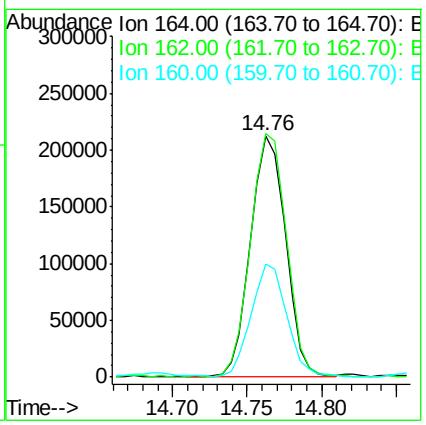


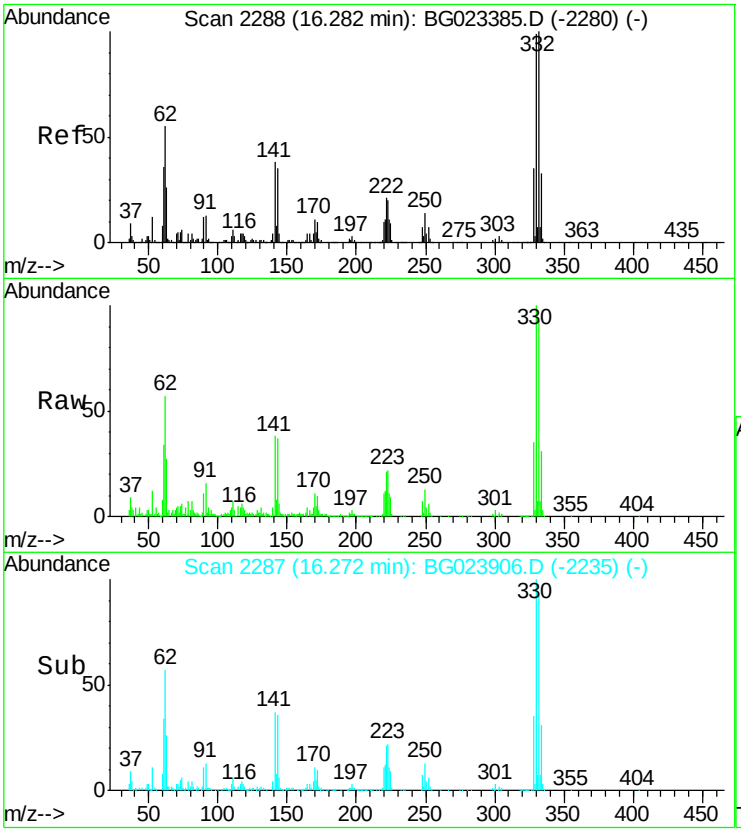


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BG023906.D
Acq: 25 Aug 2016 22:58

Tgt Ion:164 Resp: 343463

Ion	Ratio	Lower	Upper
164	100		
162	100.9	87.7	131.5
160	47.0	37.2	55.8



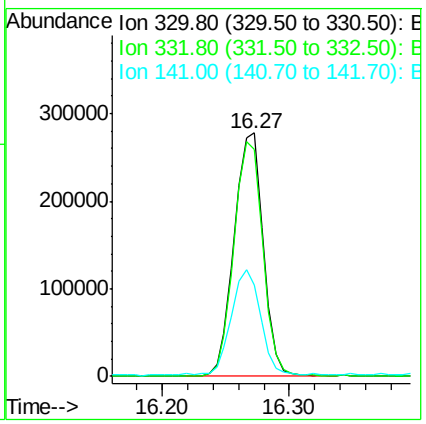


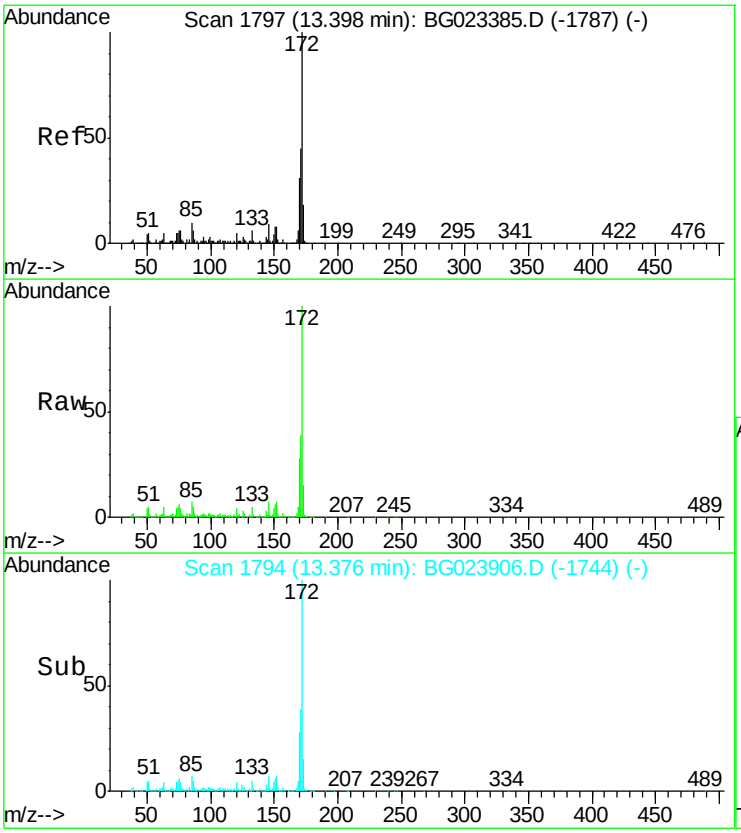
#41
2,4,6-Tribromophenol
Concen: 87.79 ng
RT: 16.27 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BG023906.D
Acq: 25 Aug 2016 22:58

Instrument :
BNA_G
ClientSampleId :
MW-04

Tgt Ion:330 Resp: 441041

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	44.3	31.7	47.5

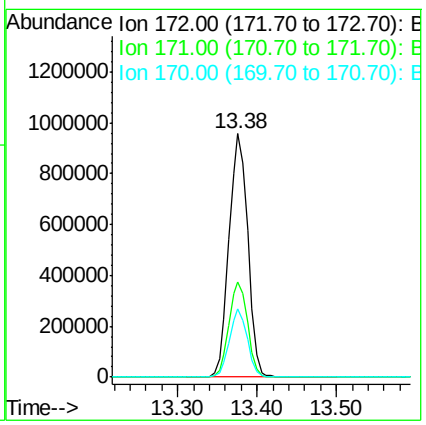


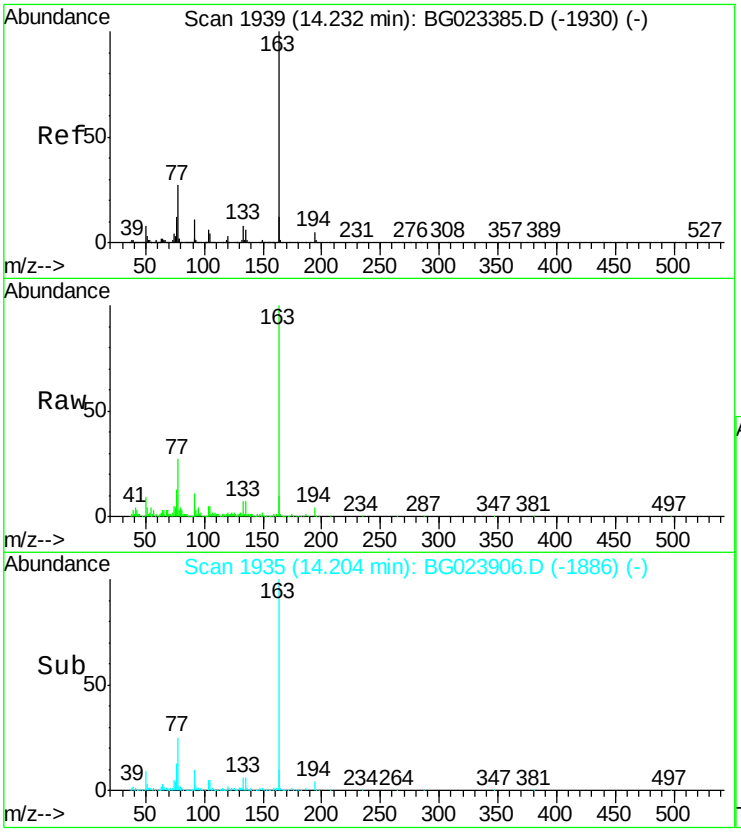


#44
2-Fluorobiphenyl
Concen: 76.88 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BG023906.D
Acq: 25 Aug 2016 22:58

Tgt Ion:172 Resp: 1565524

Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.6	47.4
170	28.0	21.3	31.9



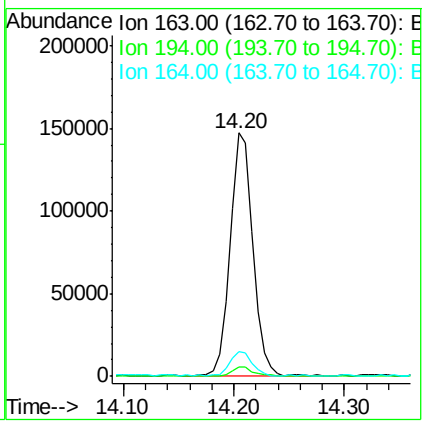


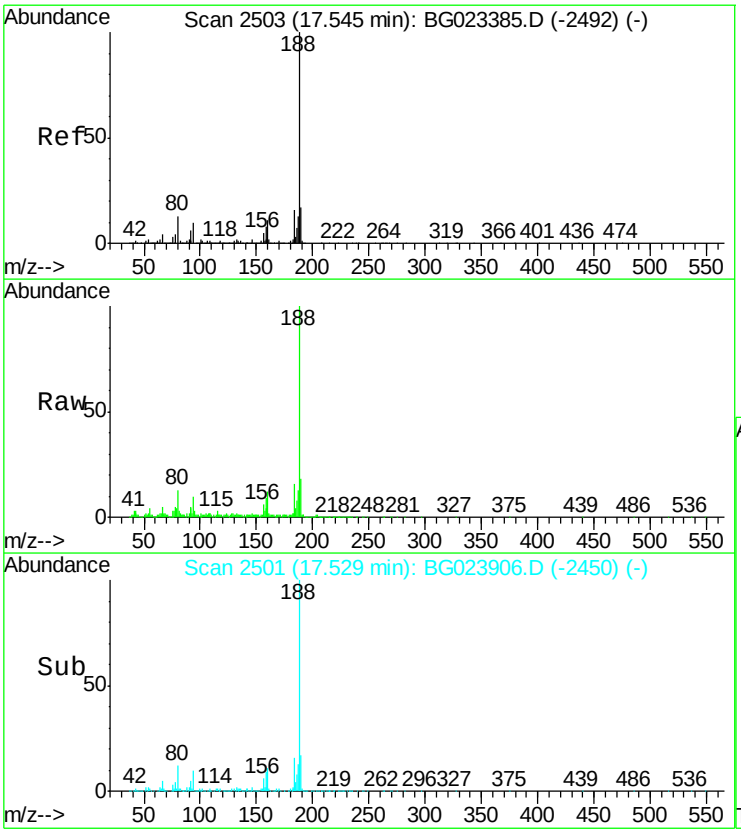
#49
Dimethylphthalate
Concen: 8.02 ng
RT: 14.20 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BG023906.D
Acq: 25 Aug 2016 22:58

Instrument :
BNA_G
ClientSampleId :
MW-04

Tgt Ion:163 Resp: 211218

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.6	5.4
164	10.4	8.1	12.1

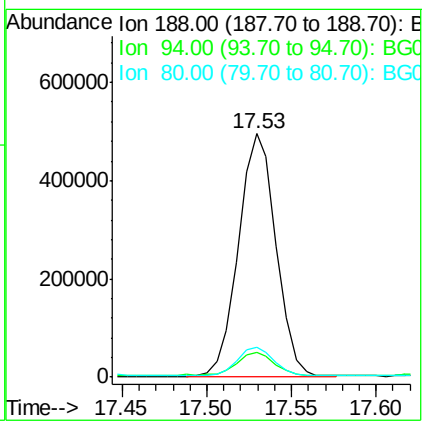


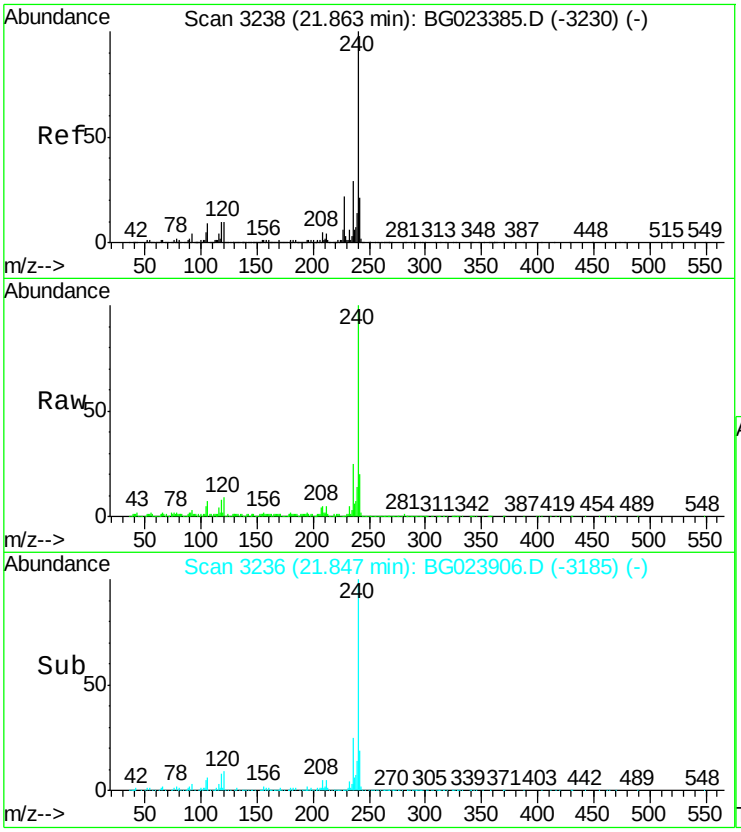


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2501
Delta R.T. 0.00 min
Lab File: BG023906.D
Acq: 25 Aug 2016 22:58

Tgt Ion:188 Resp: 759780

Ion	Ratio	Lower	Upper
188	100		
94	10.3	5.2	7.8#
80	12.5	7.2	10.8#



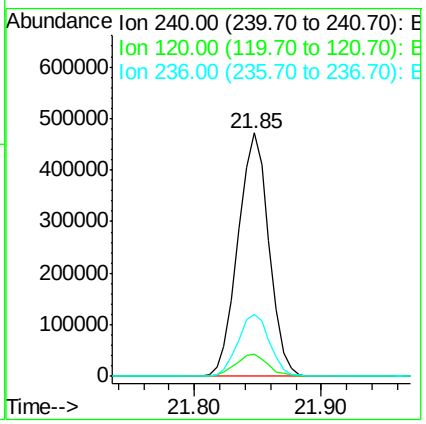


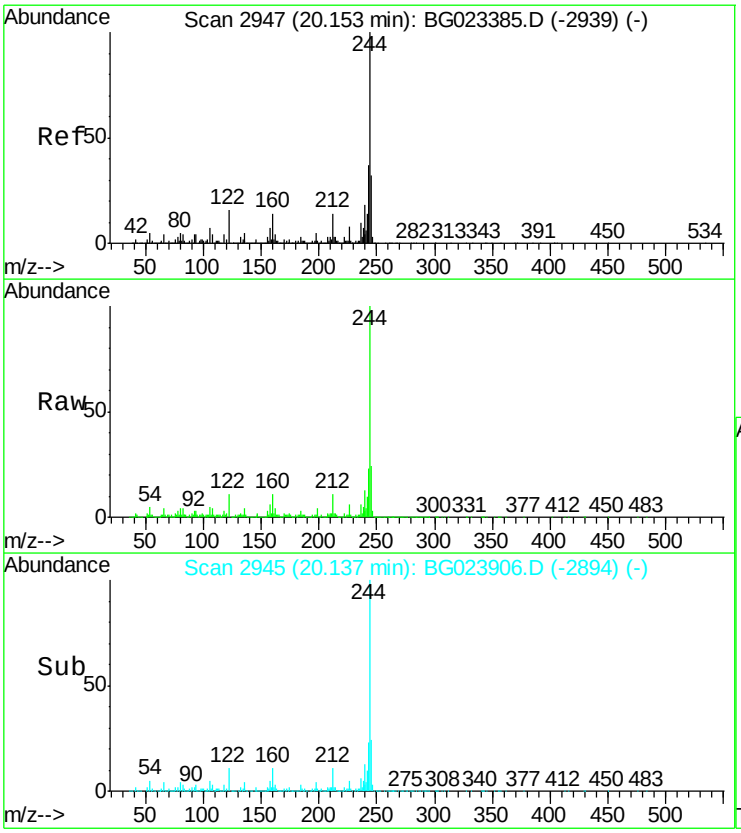
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.00 min
Lab File: BG023906.D
Acq: 25 Aug 2016 22:58

Instrument :
BNA_G
ClientSampleId :
MW-04

Tgt Ion:240 Resp: 795028

Ion	Ratio	Lower	Upper
240	100		
120	9.3	4.1	6.1#
236	25.2	21.1	31.7

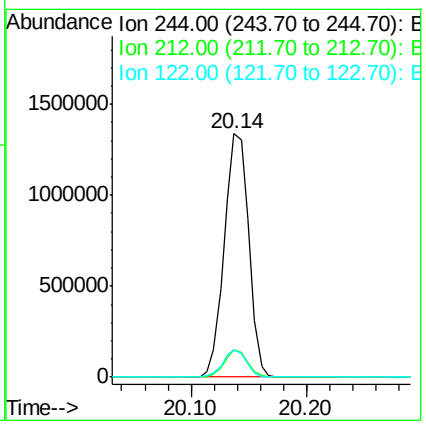


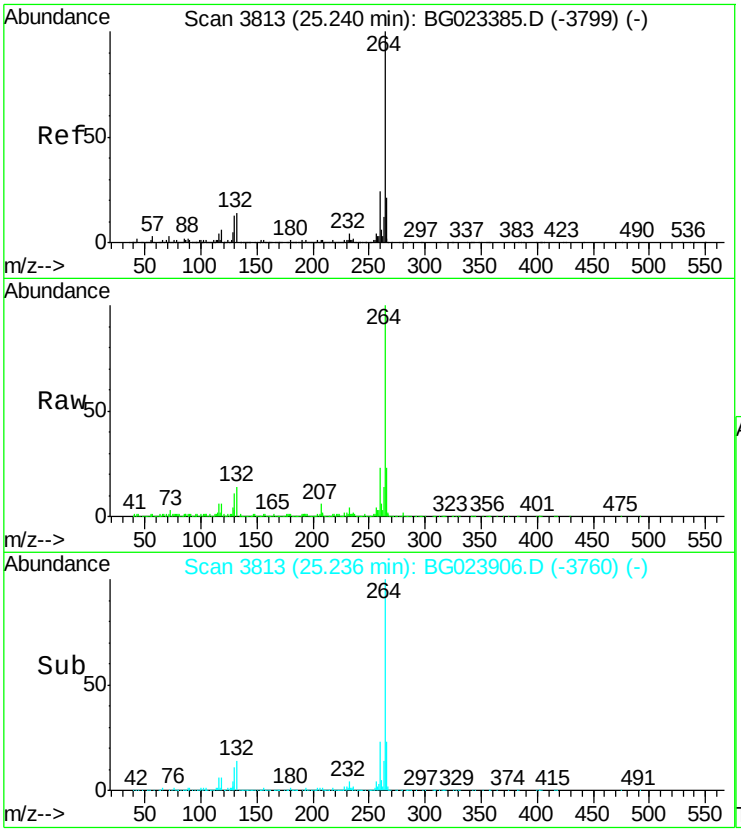


#78
Terphenyl-d14
Concen: 74.63 ng
RT: 20.14 min Scan# 2945
Delta R.T. 0.00 min
Lab File: BG023906.D
Acq: 25 Aug 2016 22:58

Tgt Ion:244 Resp: 1955359

Ion	Ratio	Lower	Upper
244	100		
212	11.4	10.8	16.2
122	11.2	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.24 min Scan# 3813
Delta R.T. 0.01 min
Lab File: BG023906.D
Acq: 25 Aug 2016 22:58

Instrument :
BNA_G
ClientSampleId :
MW-04

Tgt Ion:264 Resp: 793561

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	22.8	18.9	28.3