Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090916\
Data File : BG023973.D
Acq On : 9 Sep 2016 11:56
Operator : UM/SJ
Sample : H4728-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TILCON-MH-SF-006

Quant Time: Sep 09 13:05:41 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 12:43:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	51072	20.00	ng	-0.04
21) Naphthalene-d8	10.90	136	239044	20.00	ng	-0.04
38) Acenaphthene-d10	14.74	164	191784	20.00	ng	-0.03
63) Phenanthrene-d10	17.50	188	497213	20.00	ng	-0.03
75) Chrysene-d12	21.82	240	444641	20.00	ng	-0.03
86) Perylene-d12	25.18	264	435446	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	299777	103.05	ng	-0.03
7) Phenol-d6	7.23	99	490051	109.44	ng	-0.04
23) Nitrobenzene-d5	9.24	82	369678	69.04	ng	-0.04
41) 2,4,6-Tribromophenol	16.24	330	320889	92.87	ng	-0.03
44) 2-Fluorobiphenyl	13.35	172	852064	63.70	ng	-0.03
78) Terphenyl-d14	20.12	244	1548834	79.33	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.18	163	362172	22.02	ng	98

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

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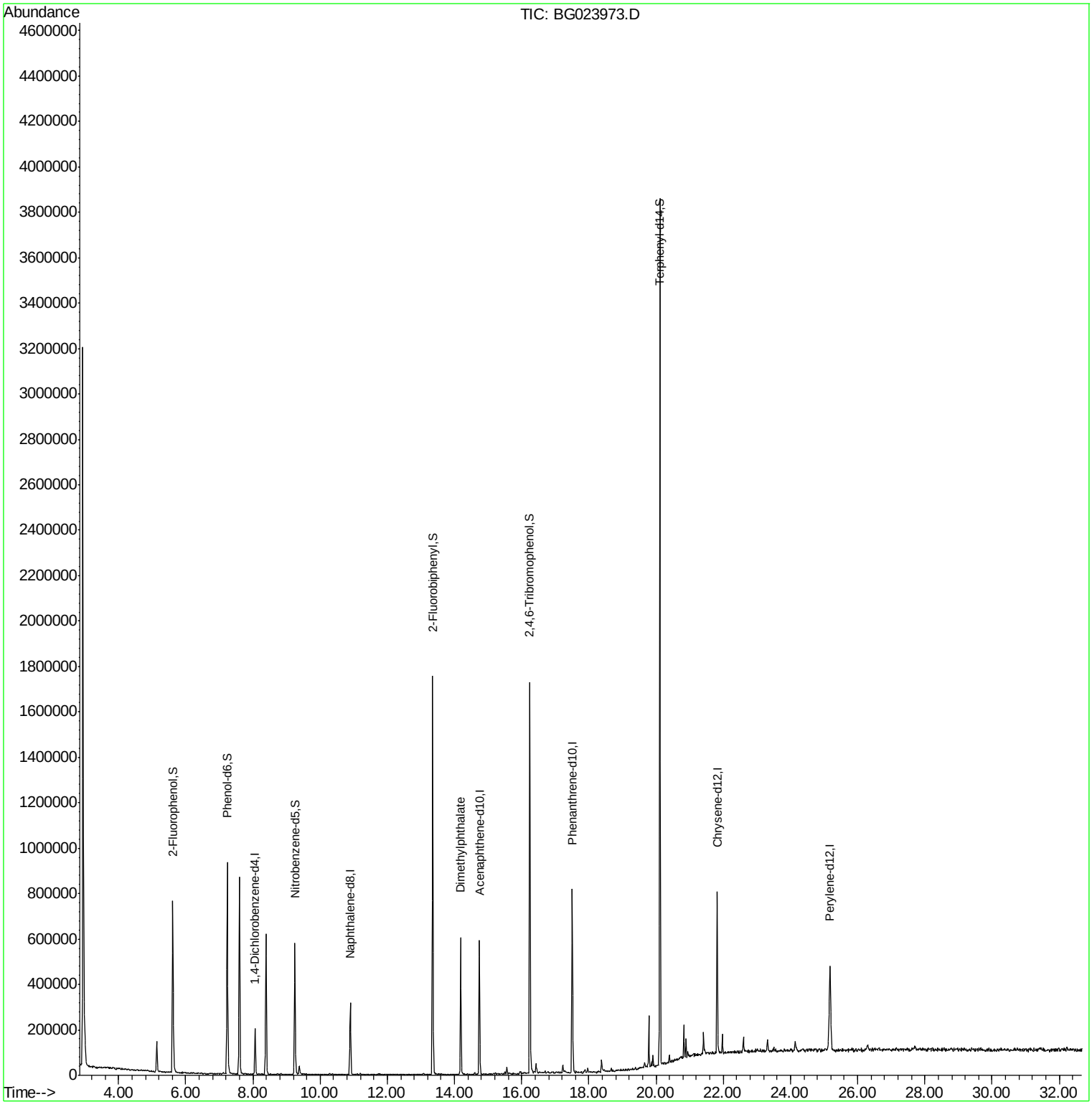
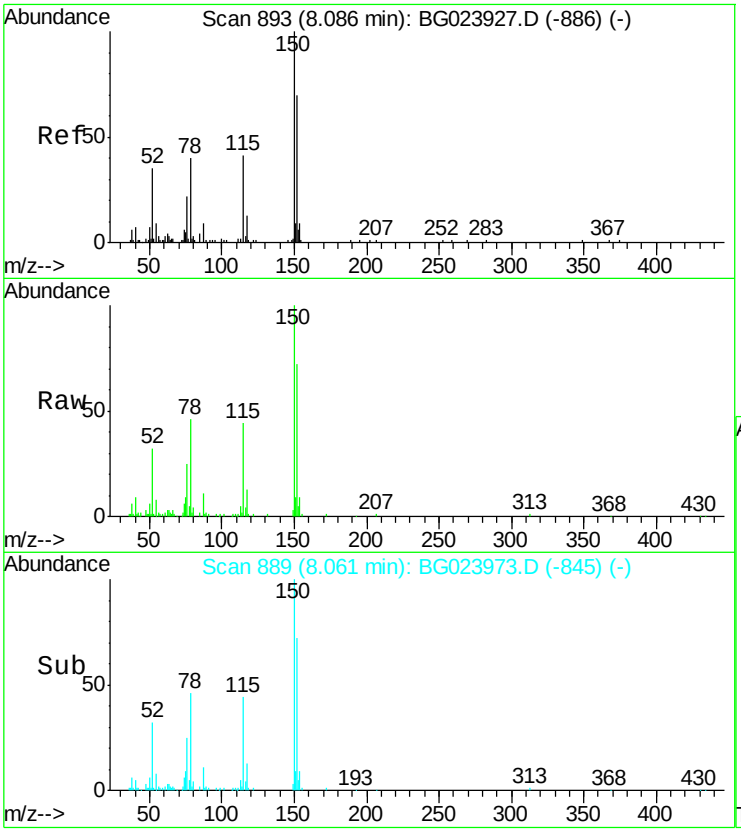


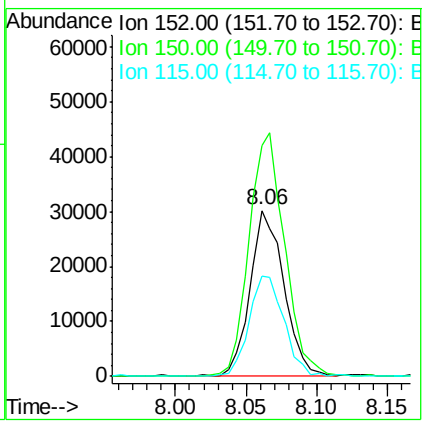


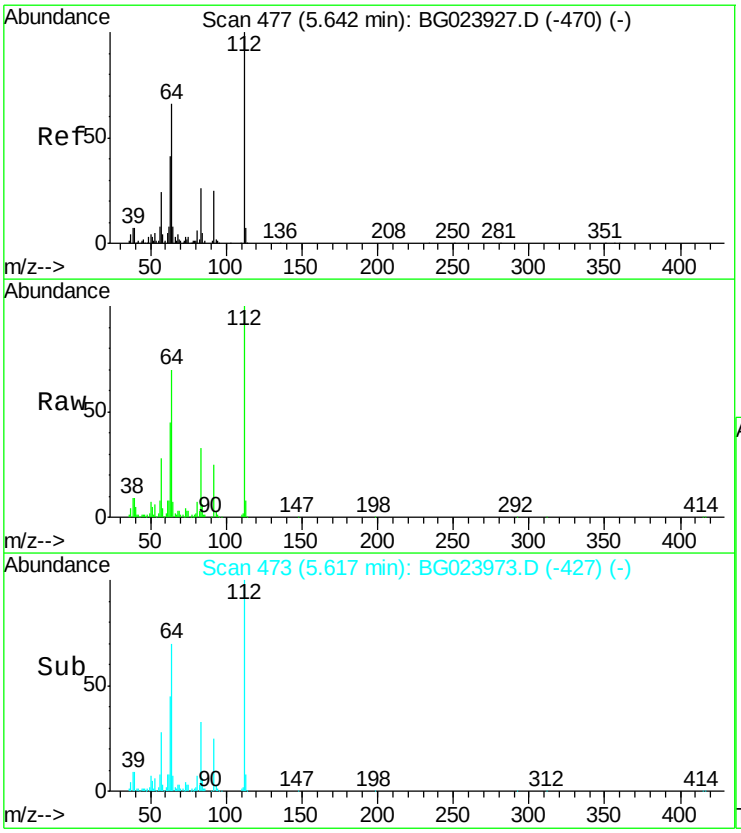
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.06 min Scan# 889
Delta R.T. -0.04 min
Lab File: BG023973.D
Acq: 9 Sep 2016 11:56

Instrument :
BNA_G
ClientSampleId :
TILCON-MH-SF-006

Tgt Ion:152 Resp: 51072

Ion	Ratio	Lower	Upper
152	100		
150	139.4	144.7	217.1#
115	60.9	64.0	96.0#

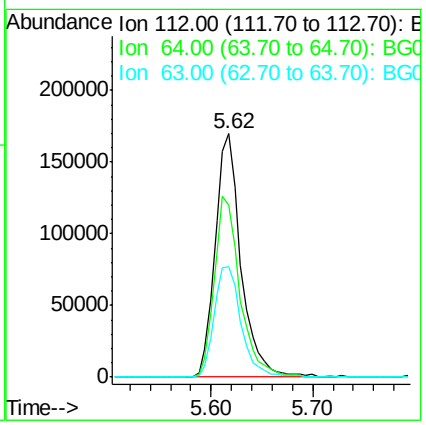


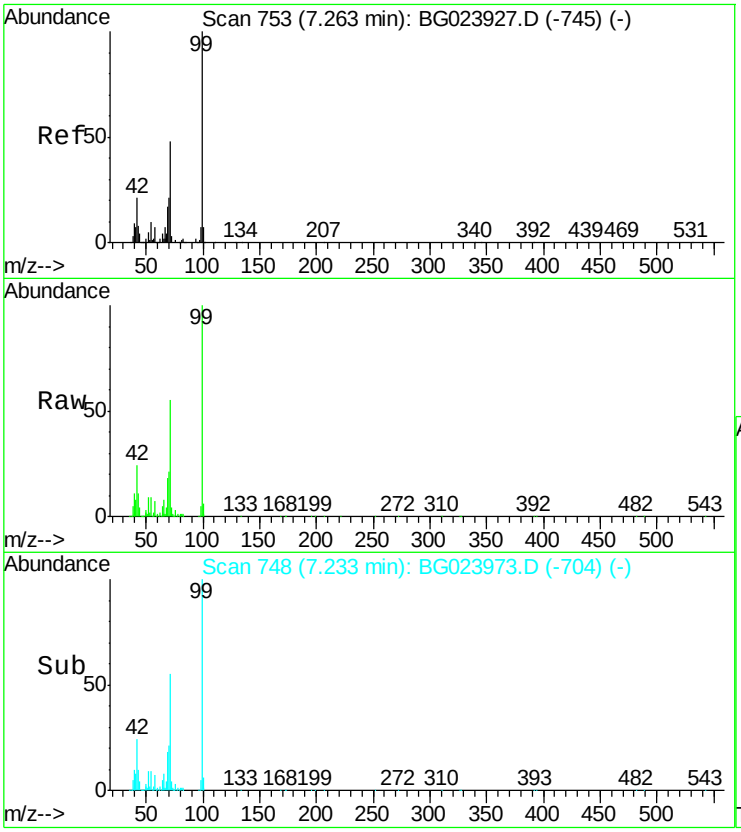


#5
2-Fluorophenol
Concen: 103.05 ng
RT: 5.62 min Scan# 473
Delta R.T. -0.03 min
Lab File: BG023973.D
Acq: 9 Sep 2016 11:56

Tgt Ion:112 Resp: 299777

Ion	Ratio	Lower	Upper
112	100		
64	70.4	59.0	88.4
63	45.4	37.8	56.8



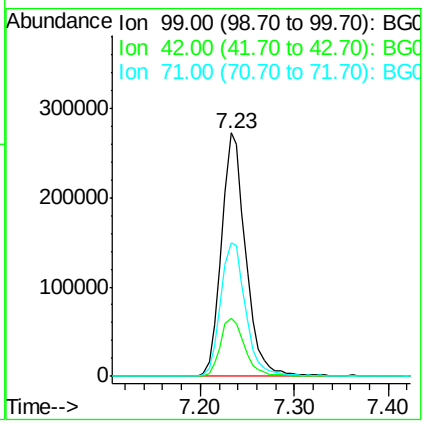


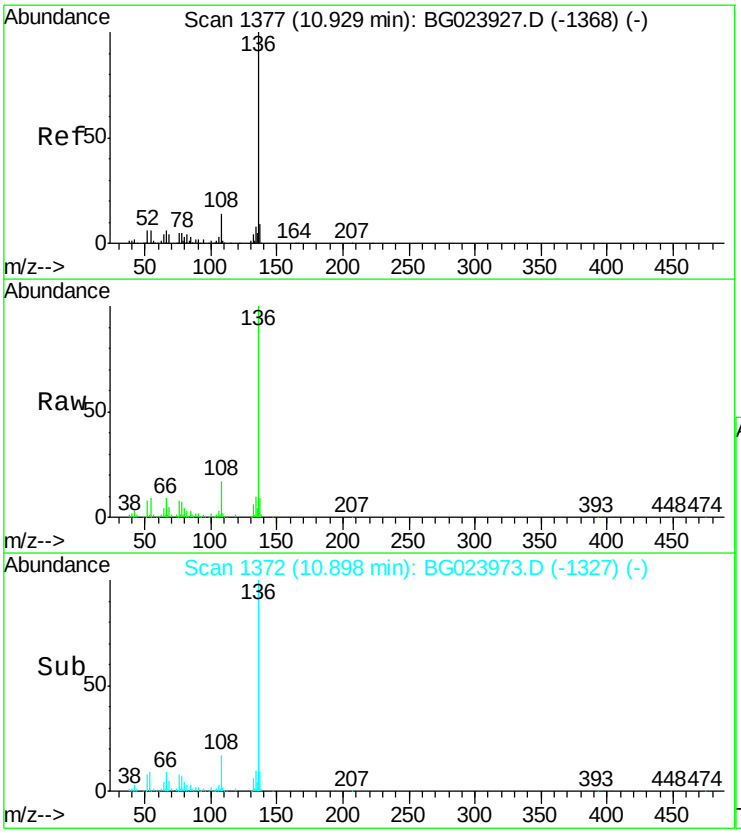
#7
Phenol-d6
Concen: 109.44 ng
RT: 7.23 min Scan# 748
Delta R.T. -0.04 min
Lab File: BG023973.D
Acq: 9 Sep 2016 11:56

Instrument :
BNA_G
ClientSampleId :
TILCON-MH-SF-006

Tgt Ion: 99 Resp: 490051

Ion	Ratio	Lower	Upper
99	100		
42	23.9	17.8	26.6
71	54.7	41.5	62.3

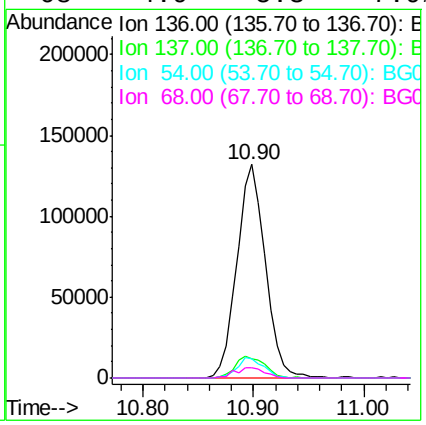


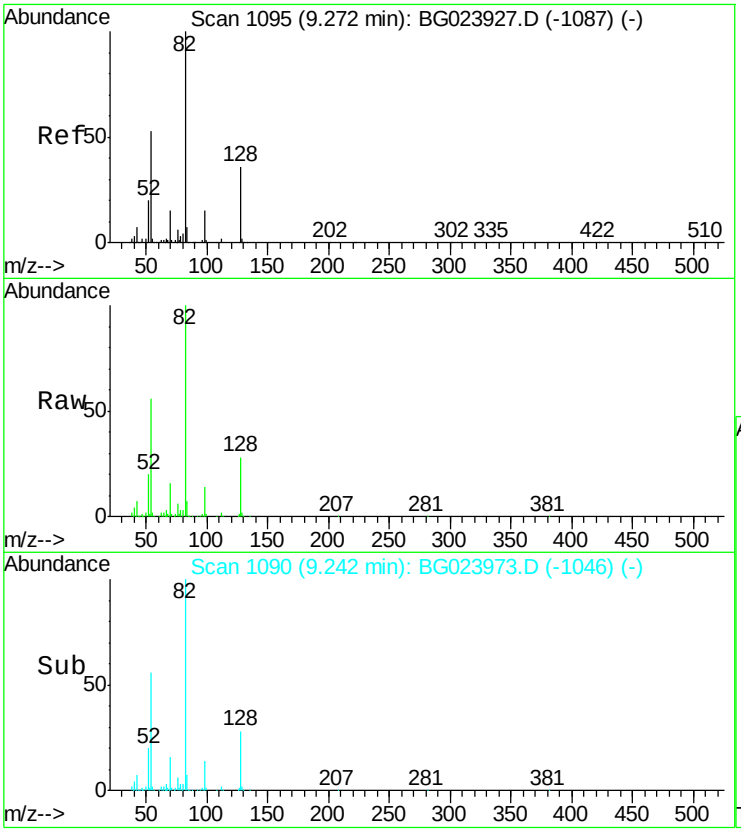


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.90 min Scan# 1372
Delta R.T. -0.04 min
Lab File: BG023973.D
Acq: 9 Sep 2016 11:56

Tgt Ion:136 Resp: 239044

Ion	Ratio	Lower	Upper
136	100		
137	9.1	9.6	14.4#
54	9.1	7.3	10.9
68	4.9	5.3	7.9#



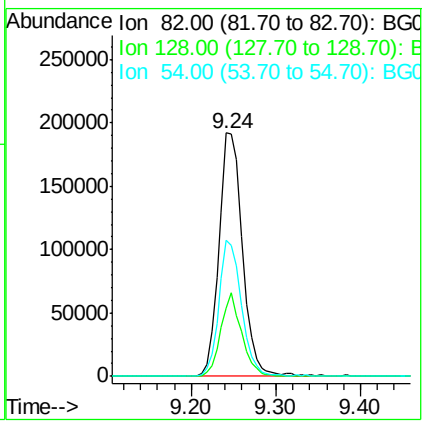


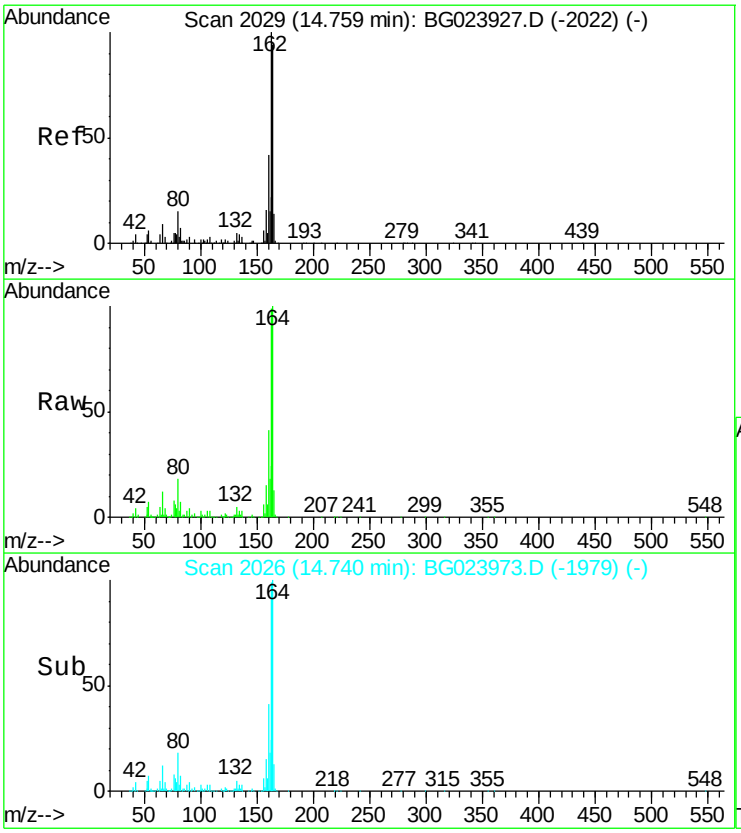
#23
Nitrobenzene-d5
Concen: 69.04 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.04 min
Lab File: BG023973.D
Acq: 9 Sep 2016 11:56

Instrument :
BNA_G
ClientSampleId :
TILCON-MH-SF-006

Tgt Ion: 82 Resp: 369678

Ion	Ratio	Lower	Upper
82	100		
128	28.2	24.4	36.6
54	55.9	41.4	62.0

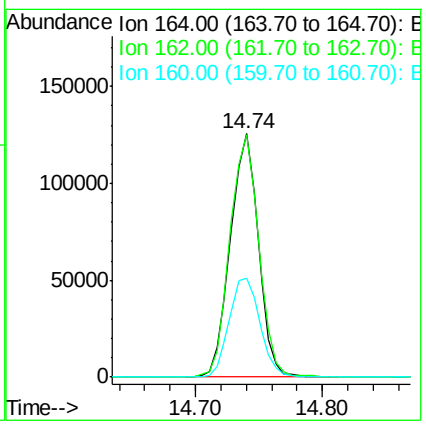


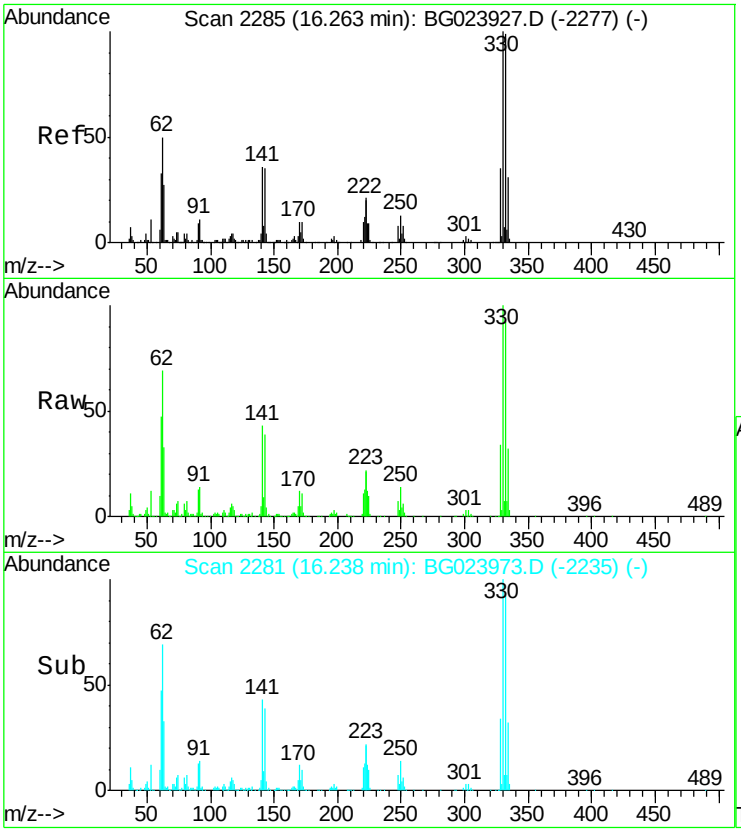


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.03 min
Lab File: BG023973.D
Acq: 9 Sep 2016 11:56

Tgt Ion:164 Resp: 191784

Ion	Ratio	Lower	Upper
164	100		
162	99.3	87.7	131.5
160	40.9	37.2	55.8



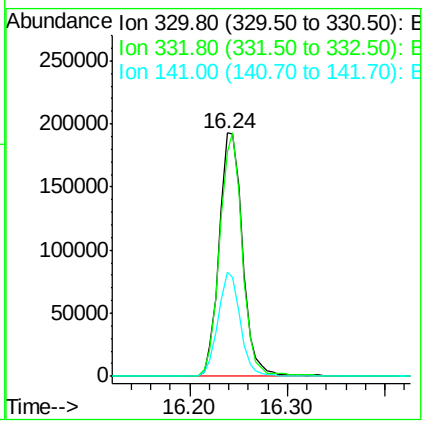


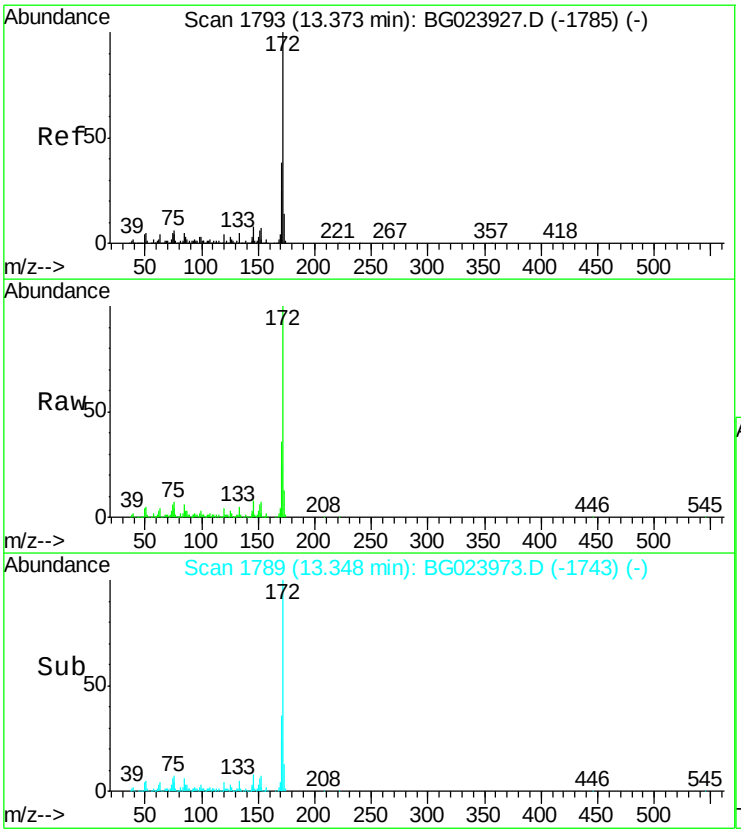
#41
2,4,6-Tribromophenol
Concen: 92.87 ng
RT: 16.24 min Scan# 2281
Delta R.T. -0.03 min
Lab File: BG023973.D
Acq: 9 Sep 2016 11:56

Instrument :
BNA_G
ClientSampleId :
TILCON-MH-SF-006

Tgt Ion:330 Resp: 320889

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	40.9	31.7	47.5

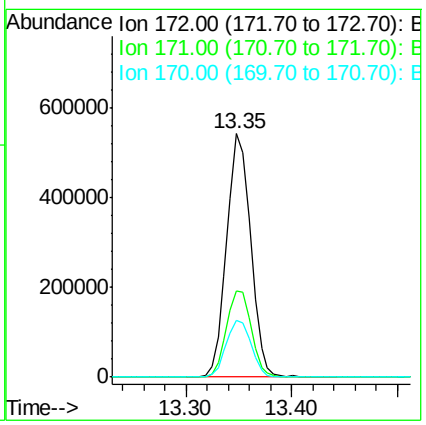


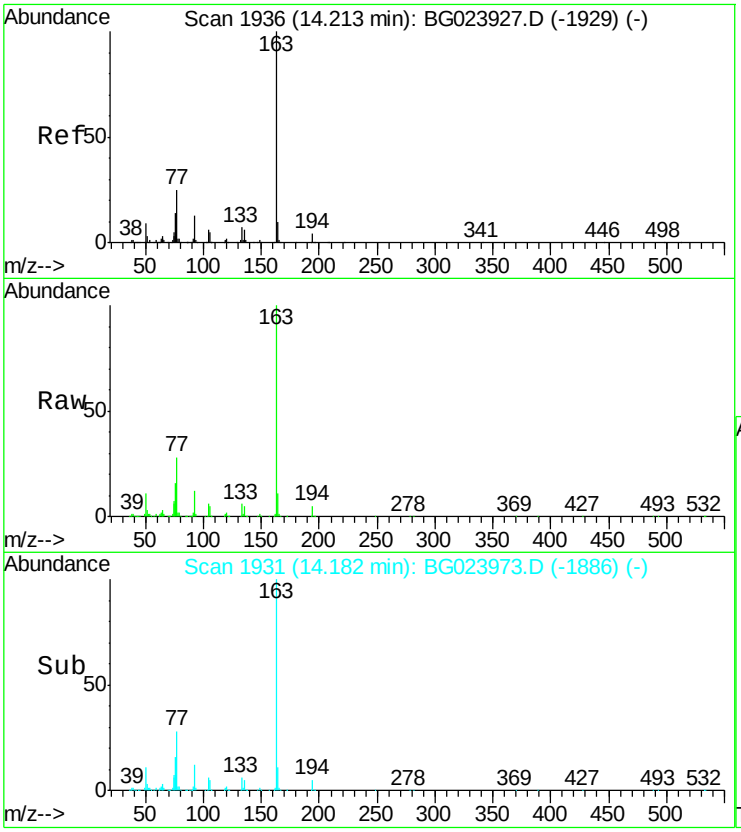


#44
2-Fluorobiphenyl
Concen: 63.70 ng
RT: 13.35 min Scan# 1789
Delta R.T. -0.03 min
Lab File: BG023973.D
Acq: 9 Sep 2016 11:56

Tgt Ion:172 Resp: 852064

Ion	Ratio	Lower	Upper
172	100		
171	35.6	31.6	47.4
170	23.5	21.3	31.9



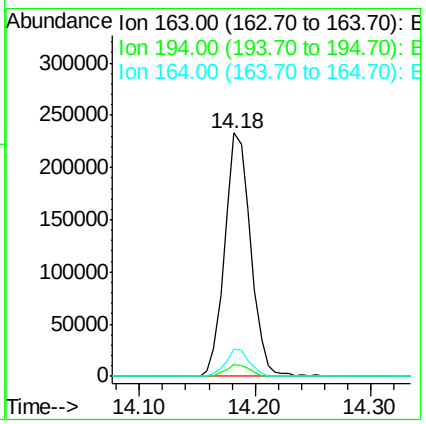


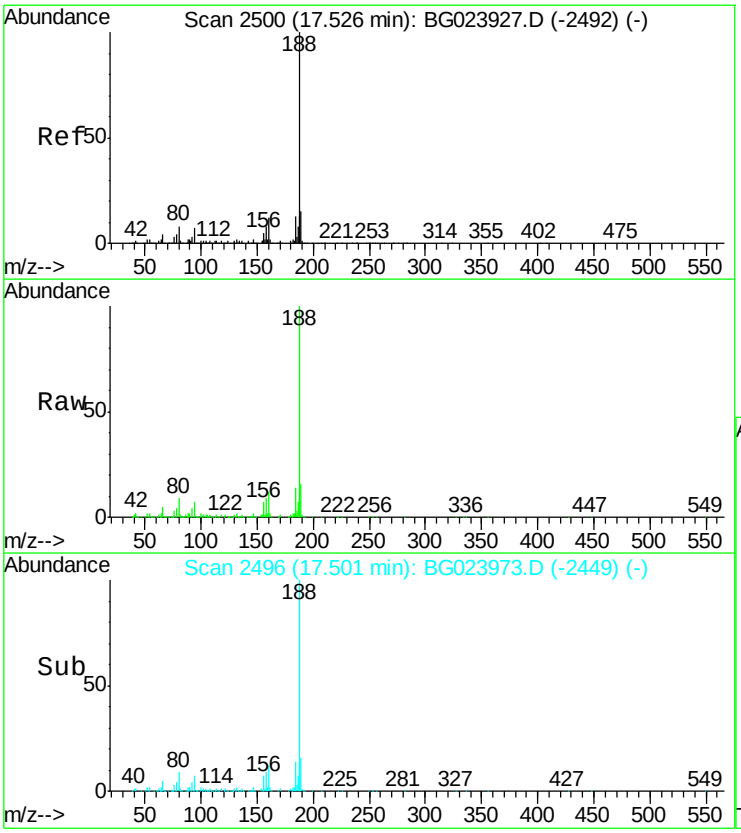
#49
Dimethylphthalate
Concen: 22.02 ng
RT: 14.18 min Scan# 1931
Delta R.T. -0.04 min
Lab File: BG023973.D
Acq: 9 Sep 2016 11:56

Instrument :
BNA_G
ClientSampleId :
TILCON-MH-SF-006

Tgt Ion:163 Resp: 362172

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.6	5.4
164	11.1	8.1	12.1

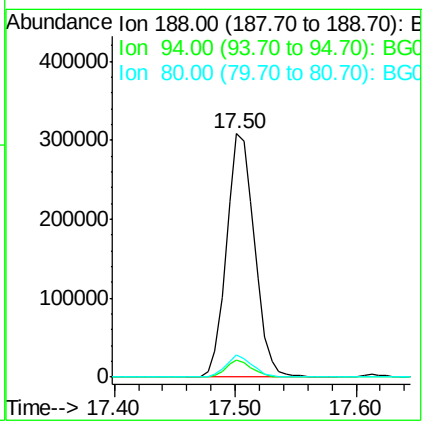


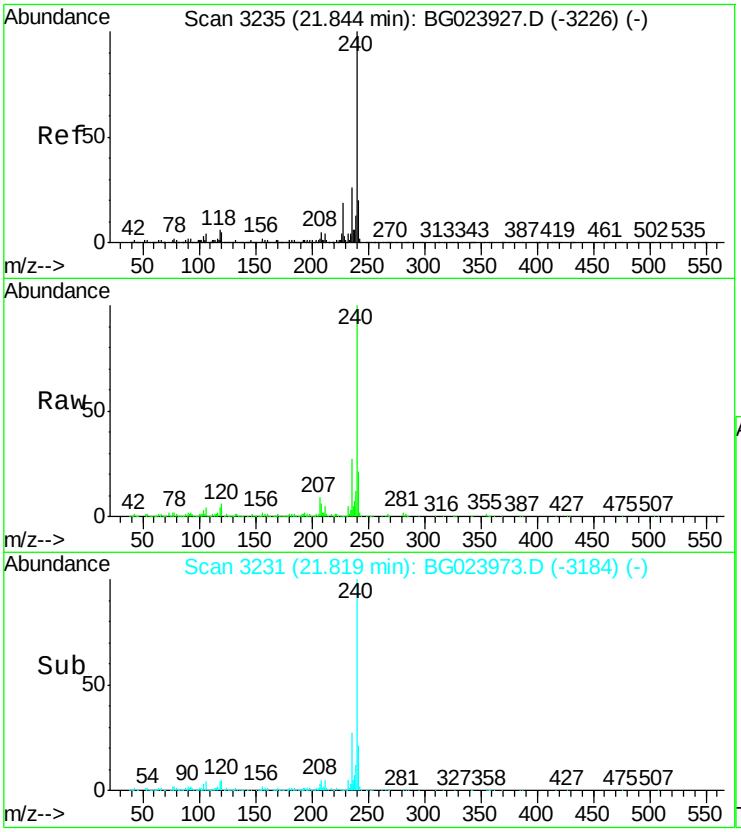


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2496
Delta R.T. -0.03 min
Lab File: BG023973.D
Acq: 9 Sep 2016 11:56

Tgt Ion:188 Resp: 497213

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.2	7.8
80	9.0	7.2	10.8



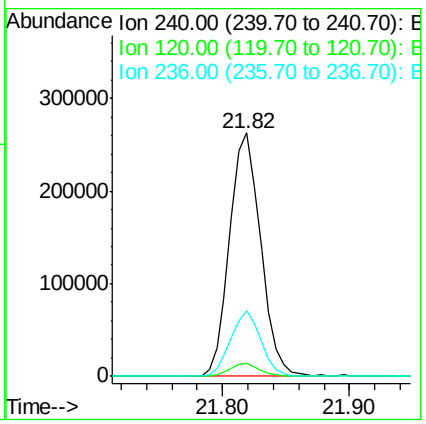


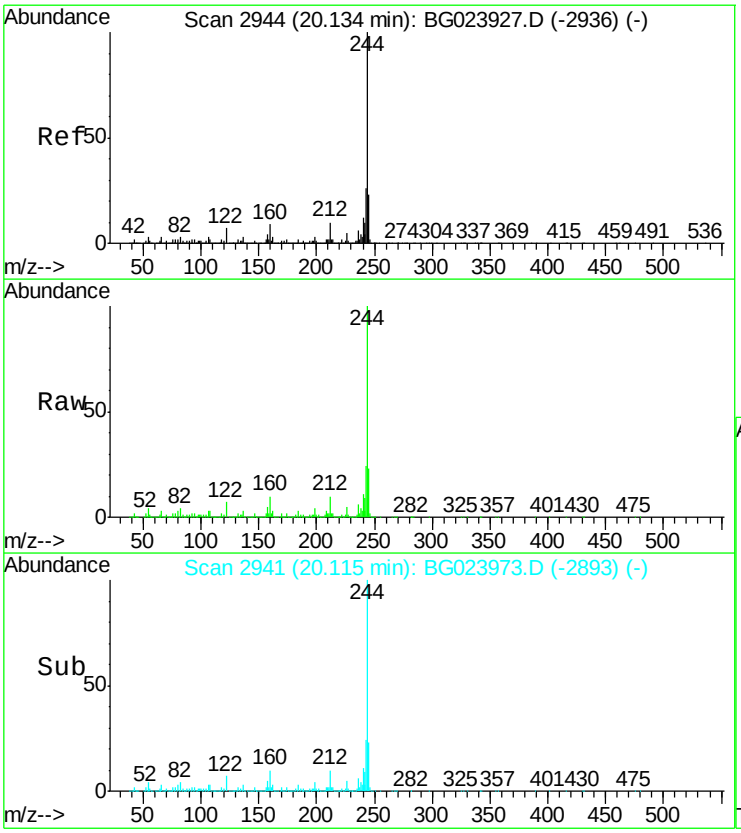
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.03 min
Lab File: BG023973.D
Acq: 9 Sep 2016 11:56

Instrument :
BNA_G
ClientSampleId :
TILCON-MH-SF-006

Tgt Ion:240 Resp: 444641

Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.1	6.1
236	26.9	21.1	31.7

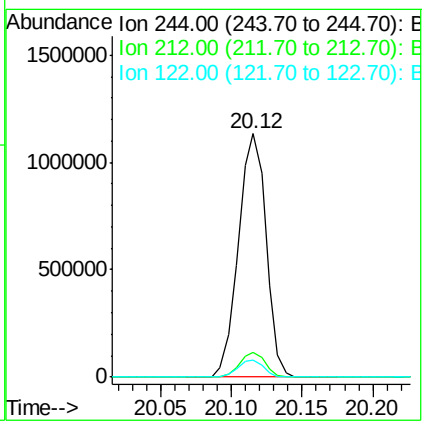


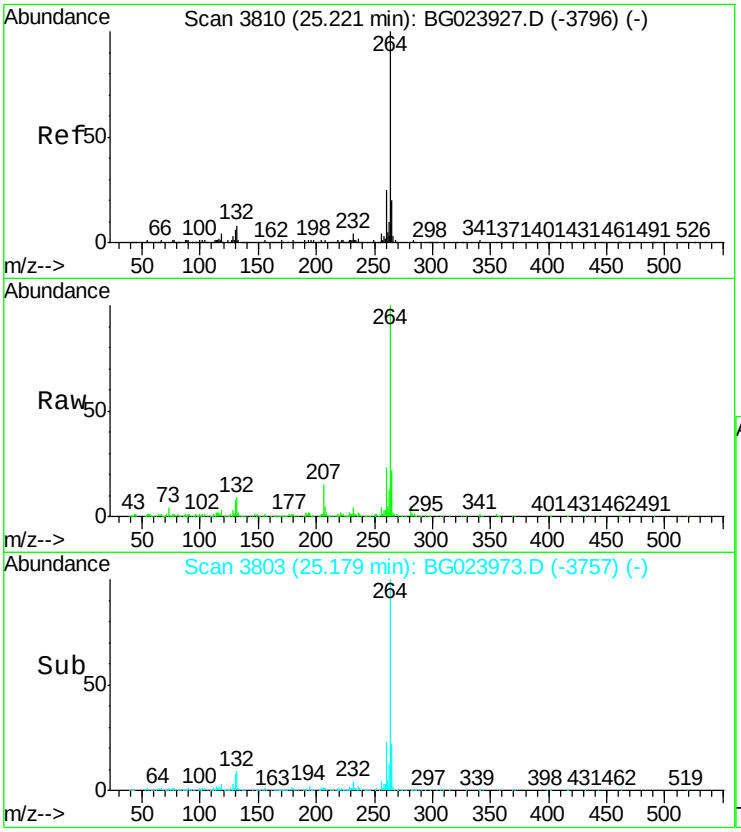


#78
Terphenyl-d14
Concen: 79.33 ng
RT: 20.12 min Scan# 2941
Delta R.T. -0.02 min
Lab File: BG023973.D
Acq: 9 Sep 2016 11:56

Tgt Ion:244 Resp: 1548834

Ion	Ratio	Lower	Upper
244	100		
212	10.4	10.8	16.2#
122	7.2	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.18 min Scan# 3803
Delta R.T. -0.03 min
Lab File: BG023973.D
Acq: 9 Sep 2016 11:56

Instrument :
BNA_G
ClientSampleId :
TILCON-MH-SF-006

Tgt Ion:264 Resp: 435446

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	22.4	18.9	28.3