Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
Data File : BG024682.D
Acq On : 4 Nov 2016 14:39
Operator : UM/SJ
Sample : H5509-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-1-4.5-5.0

Quant Time: Nov 04 15:55:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	101786	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	411091	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	315288	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	756420	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1024571	20.00	ng	0.00
86) Perylene-d12	25.35	264	1075765	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	611976	98.54	ng	0.00
7) Phenol-d6	7.40	99	911223	106.97	ng	0.00
23) Nitrobenzene-d5	9.44	82	644714	71.40	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	516635	109.68	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1297630	68.41	ng	0.00
78) Terphenyl-d14	20.21	244	2383180	69.50	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.32	163	499424	22.31	ng	99

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

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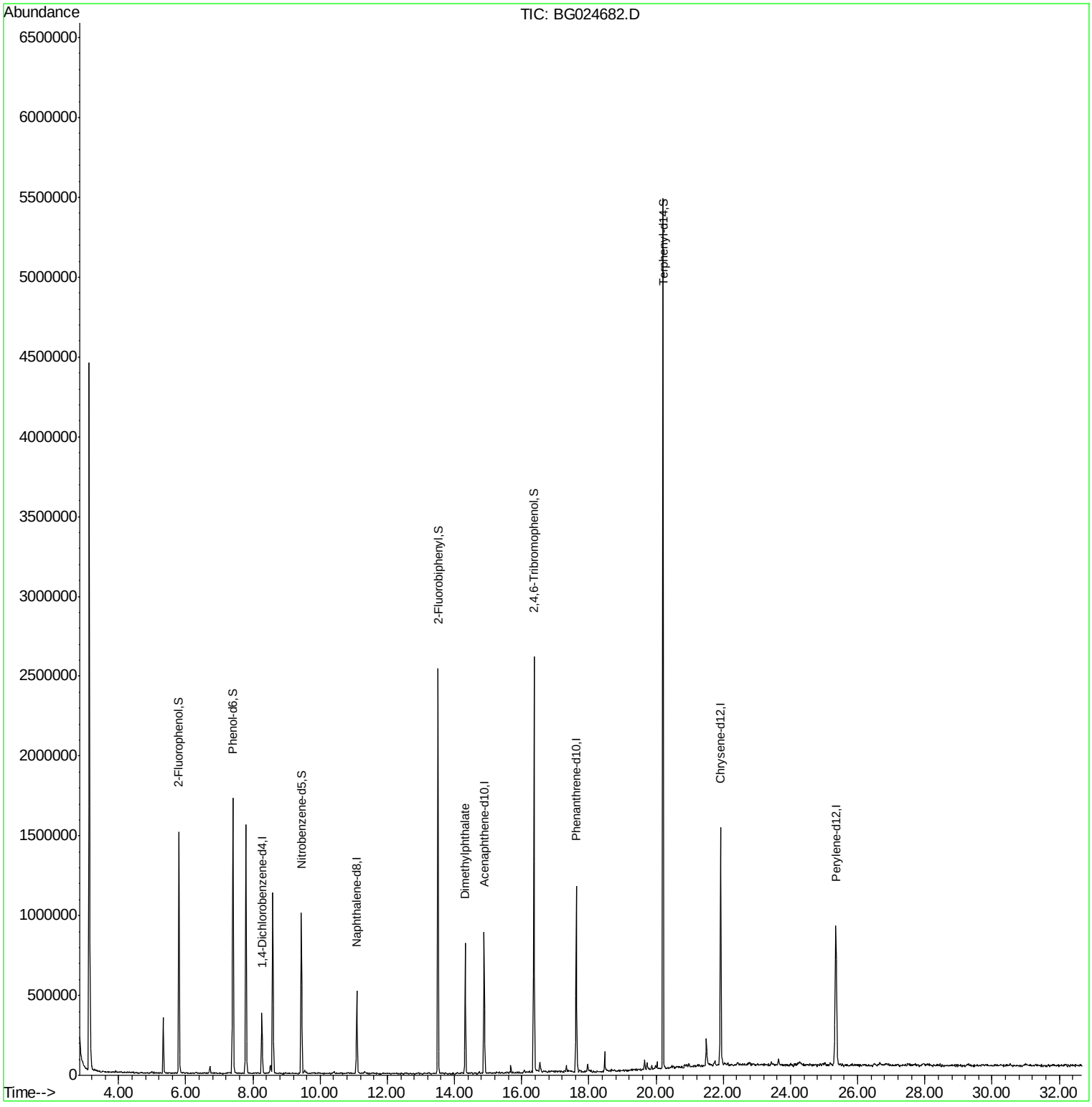
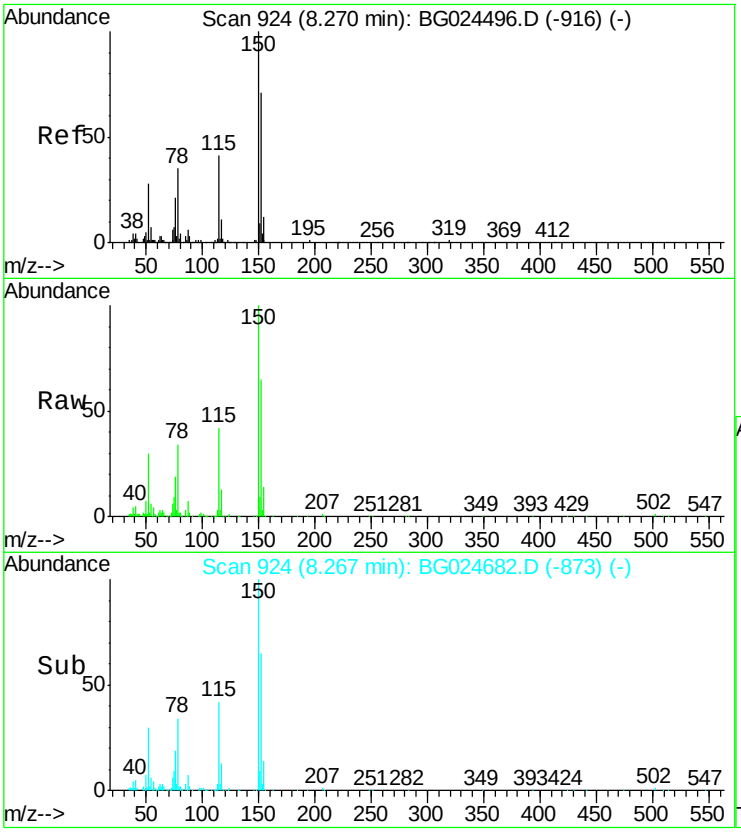


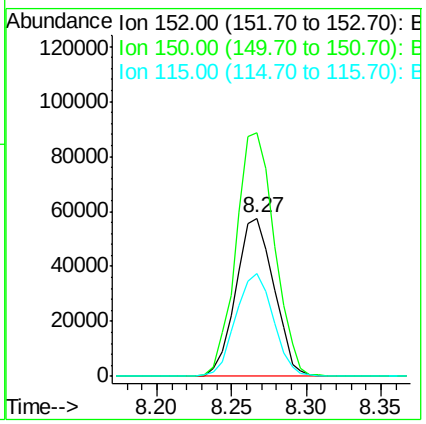


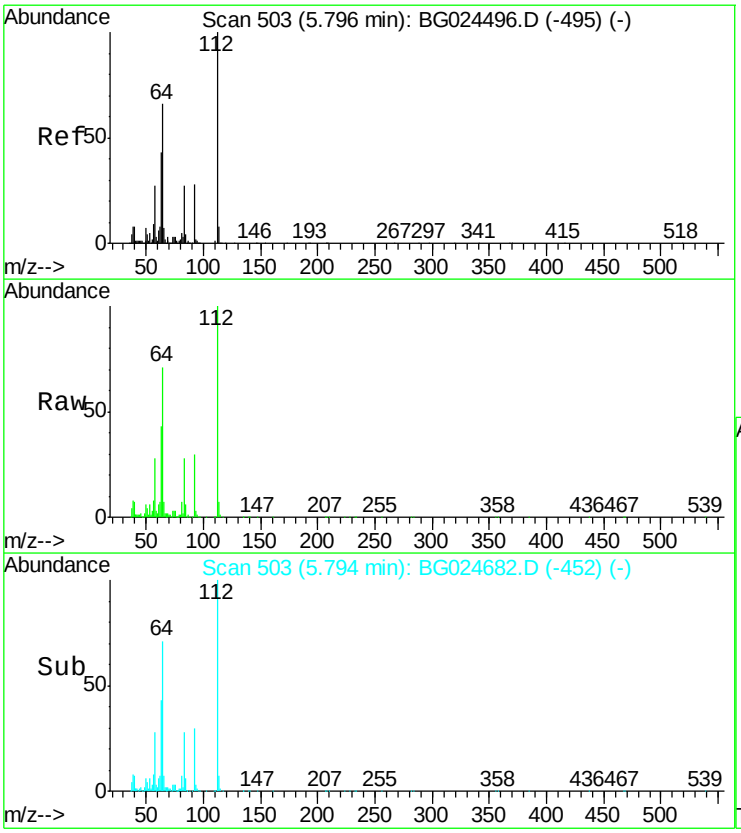
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024682.D
Acq: 4 Nov 2016 14:39

Instrument :
BNA_G
ClientSampleId :
S-1-4.5-5.0

Tgt Ion:152 Resp: 101786

Ion	Ratio	Lower	Upper
152	100		
150	153.9	114.0	171.0
115	65.1	48.1	72.1

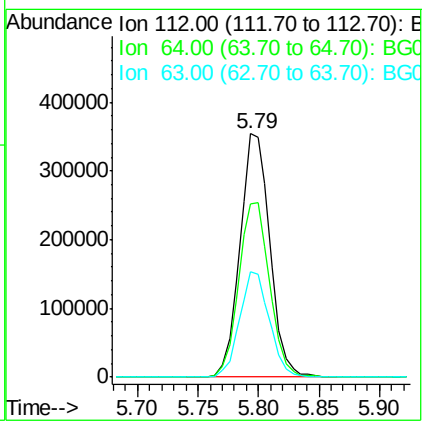


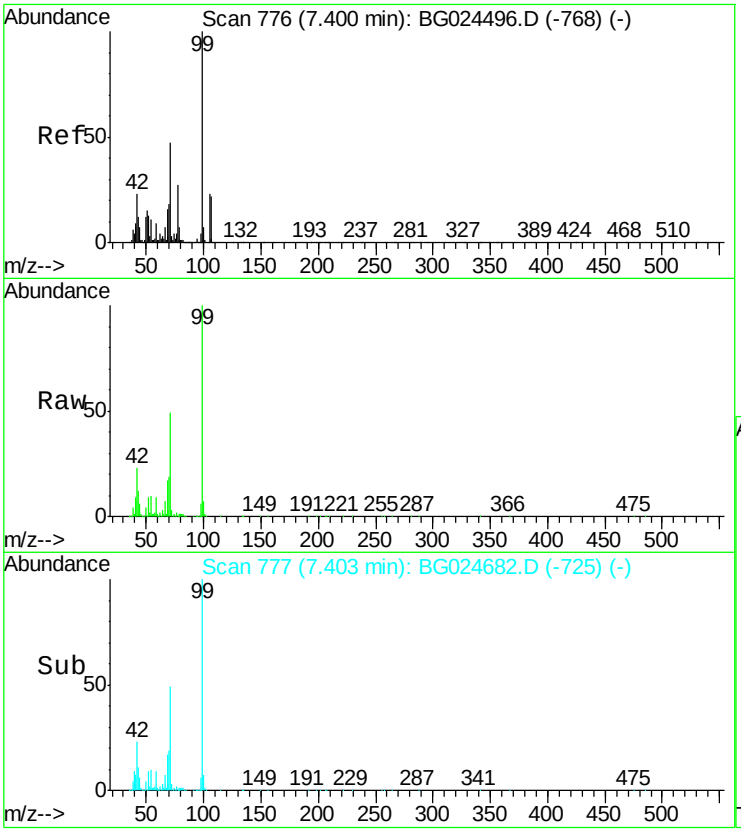


#5
2-Fluorophenol
Concen: 98.54 ng
RT: 5.79 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG024682.D
Acq: 4 Nov 2016 14:39

Tgt Ion:112 Resp: 611976

Ion	Ratio	Lower	Upper
112	100		
64	71.2	61.8	92.6
63	43.2	37.2	55.8



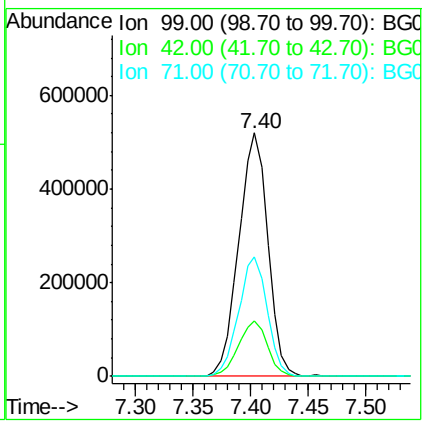


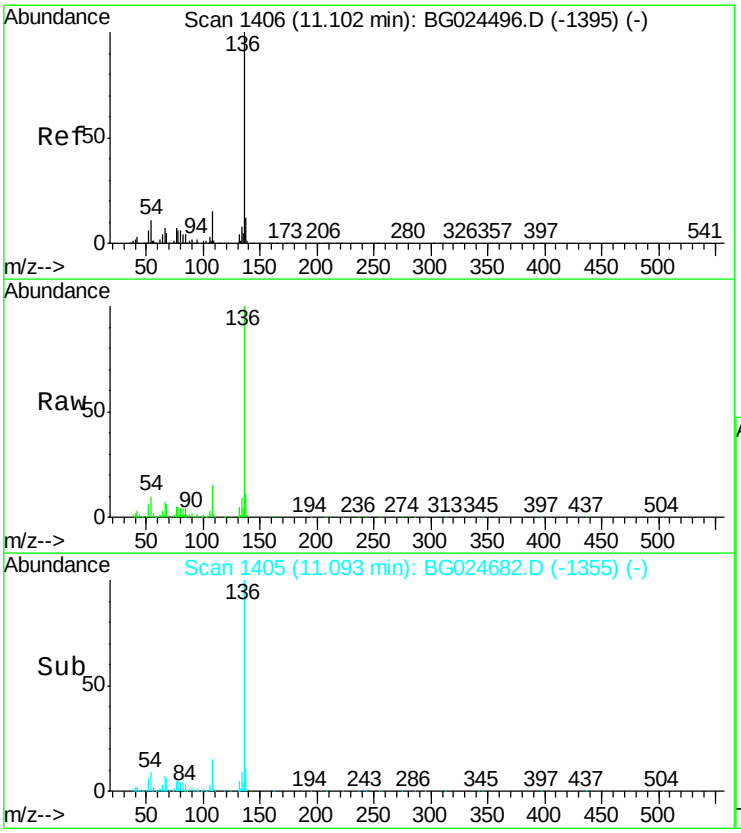
#7
Phenol-d6
Concen: 106.97 ng
RT: 7.40 min Scan# 777
Delta R.T. 0.00 min
Lab File: BG024682.D
Acq: 4 Nov 2016 14:39

Instrument :
BNA_G
ClientSampleId :
S-1-4.5-5.0

Tgt Ion: 99 Resp: 911223

Ion	Ratio	Lower	Upper
99	100		
42	22.9	20.5	30.7
71	49.0	37.6	56.4

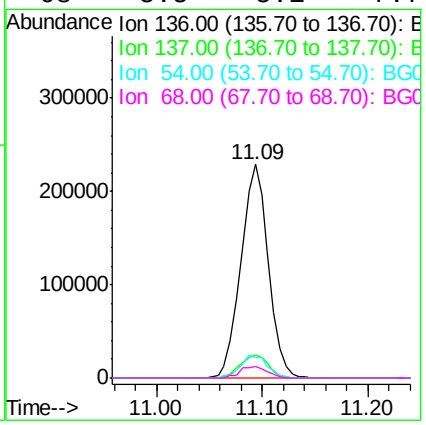


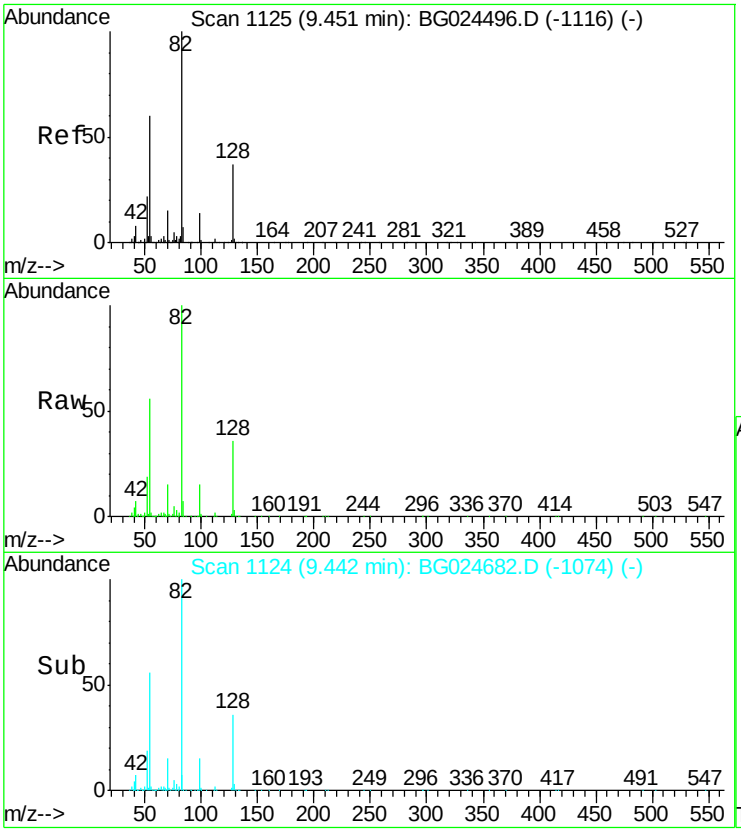


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024682.D
Acq: 4 Nov 2016 14:39

Tgt Ion:136 Resp: 411091

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.5	9.3	13.9
68	5.5	5.1	7.7



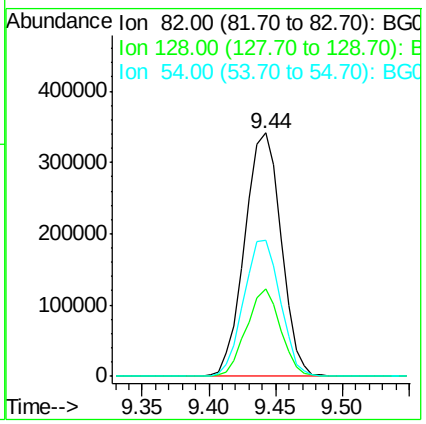


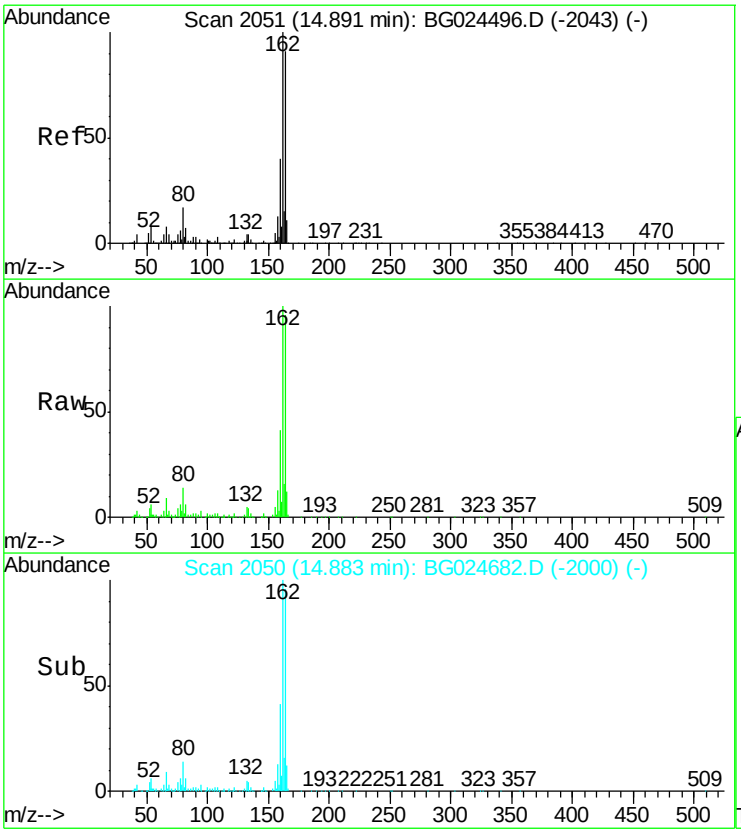
#23
Nitrobenzene-d5
Concen: 71.40 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024682.D
Acq: 4 Nov 2016 14:39

Instrument :
BNA_G
ClientSampleId :
S-1-4.5-5.0

Tgt Ion: 82 Resp: 644714

Ion	Ratio	Lower	Upper
82	100		
128	36.0	26.4	39.6
54	55.9	49.4	74.2

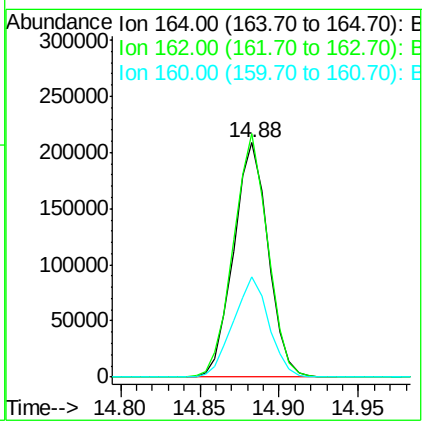


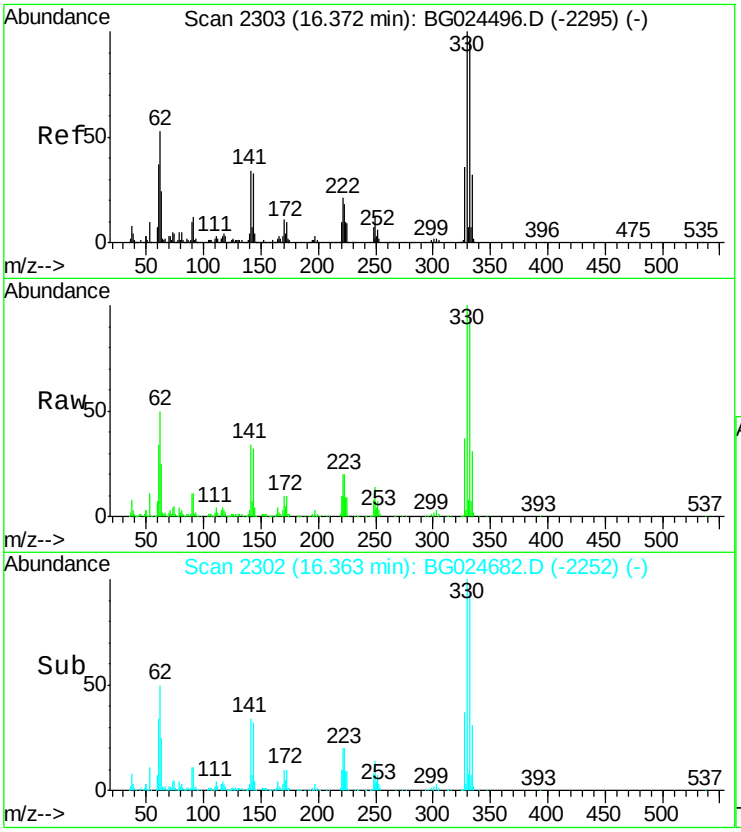


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024682.D
Acq: 4 Nov 2016 14:39

Tgt Ion:164 Resp: 315288

Ion	Ratio	Lower	Upper
164	100		
162	104.0	85.1	127.7
160	43.0	34.7	52.1



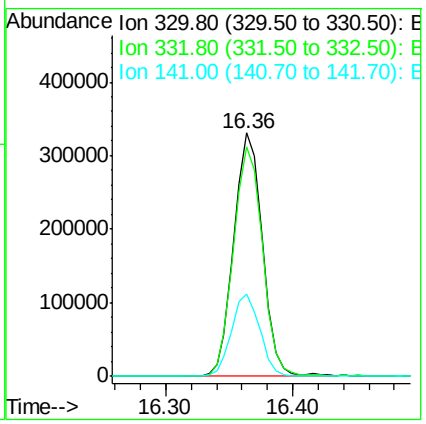


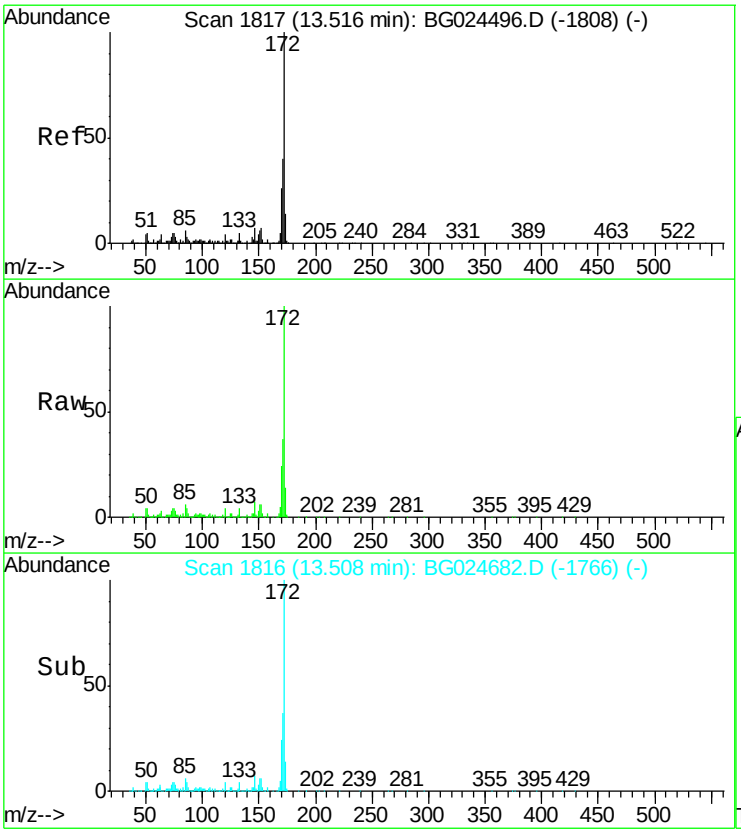
#41
2,4,6-Tribromophenol
Concen: 109.68 ng
RT: 16.36 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024682.D
Acq: 4 Nov 2016 14:39

Instrument :
BNA_G
ClientSampleId :
S-1-4.5-5.0

Tgt Ion:330 Resp: 516635

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.3	115.9
141	33.7	32.1	48.1

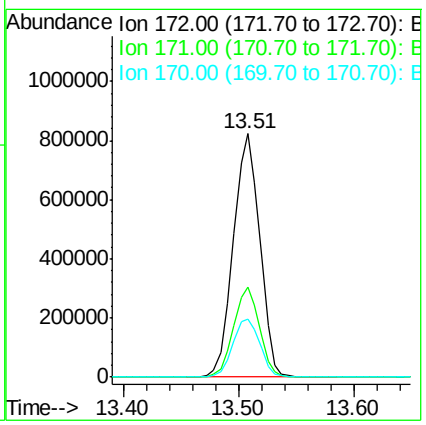


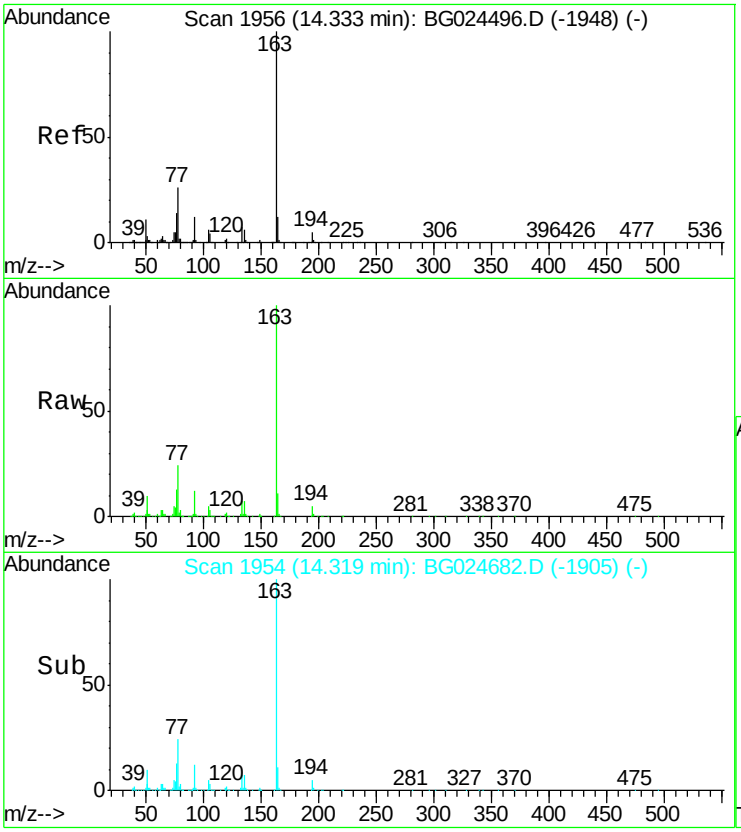


#44
2-Fluorobiphenyl
Concen: 68.41 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024682.D
Acq: 4 Nov 2016 14:39

Tgt Ion:172 Resp: 1297630

Ion	Ratio	Lower	Upper
172	100		
171	36.9	32.2	48.2
170	24.0	21.8	32.6



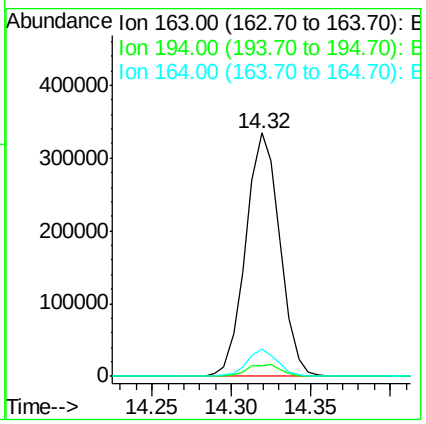


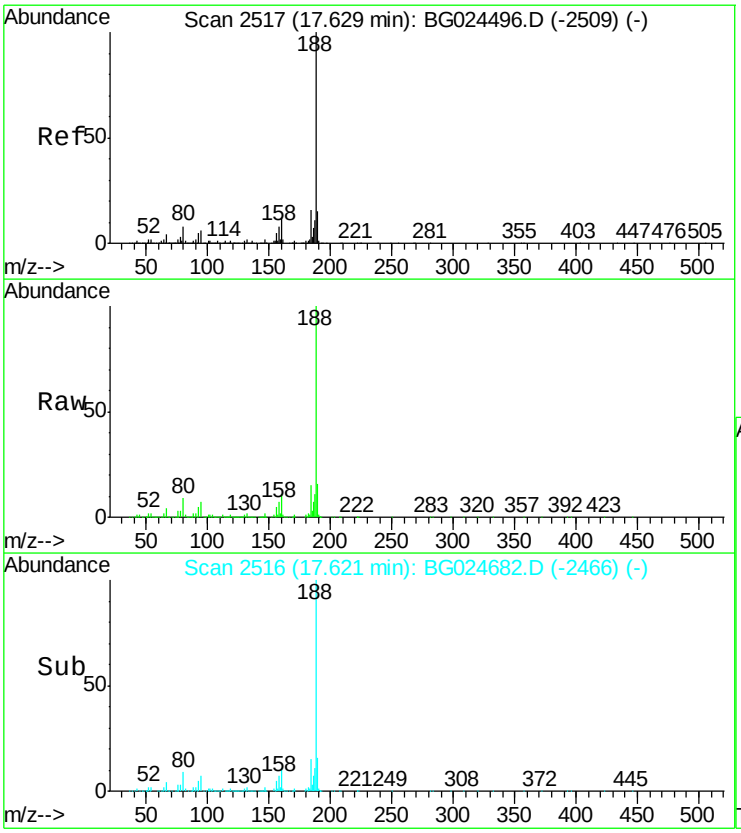
#49
Dimethylphthalate
Concen: 22.31 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024682.D
Acq: 4 Nov 2016 14:39

Instrument :
BNA_G
ClientSampleId :
S-1-4.5-5.0

Tgt Ion:163 Resp: 499424

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.8	5.6
164	11.1	9.3	13.9

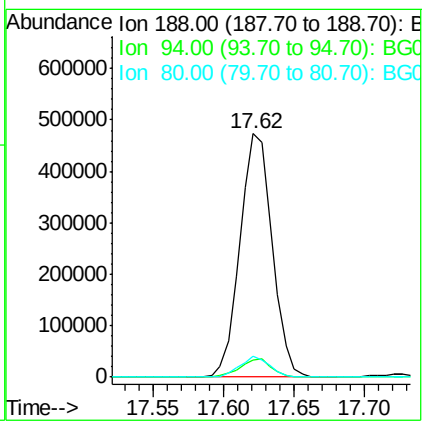


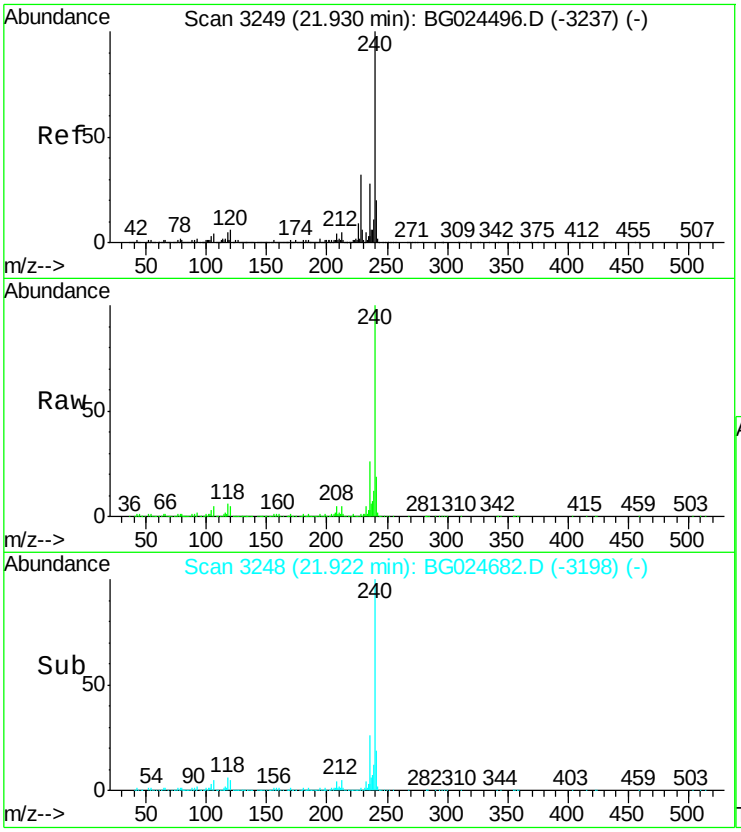


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024682.D
Acq: 4 Nov 2016 14:39

Tgt Ion:188 Resp: 756420

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



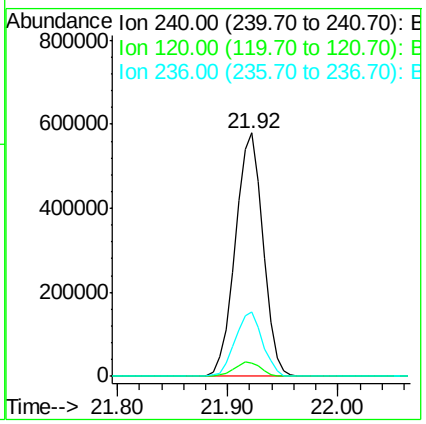


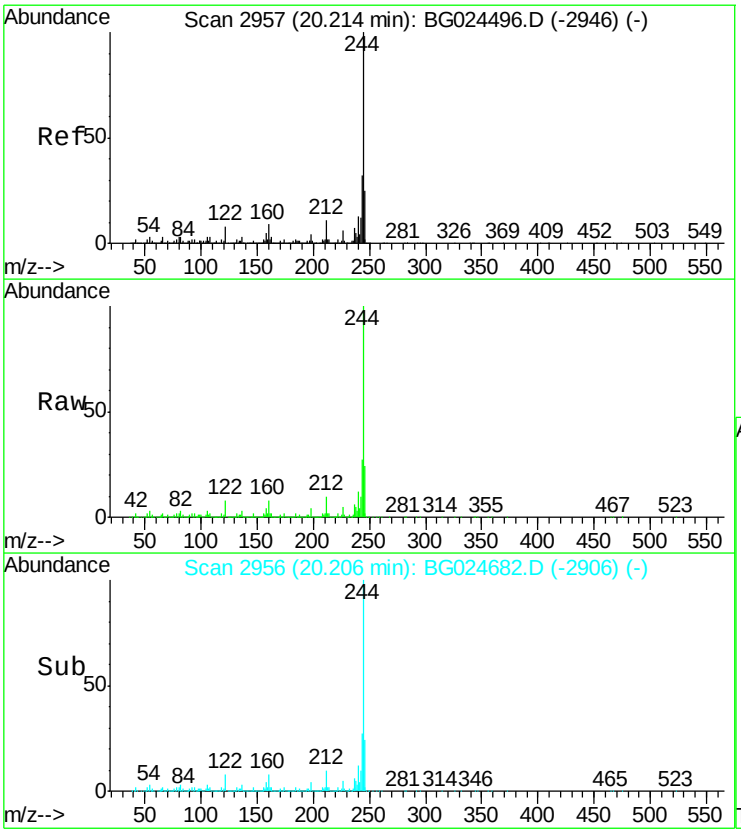
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024682.D
Acq: 4 Nov 2016 14:39

Instrument :
BNA_G
ClientSampleId :
S-1-4.5-5.0

Tgt Ion:240 Resp: 1024571

Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.7	8.5#
236	26.2	22.2	33.4

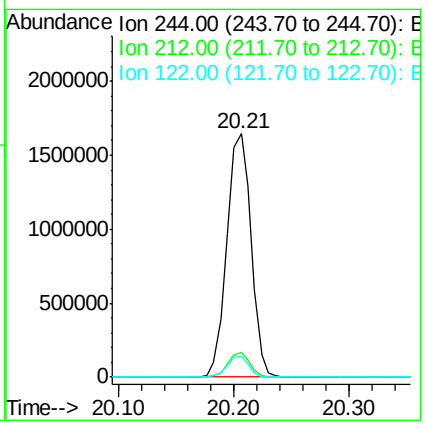


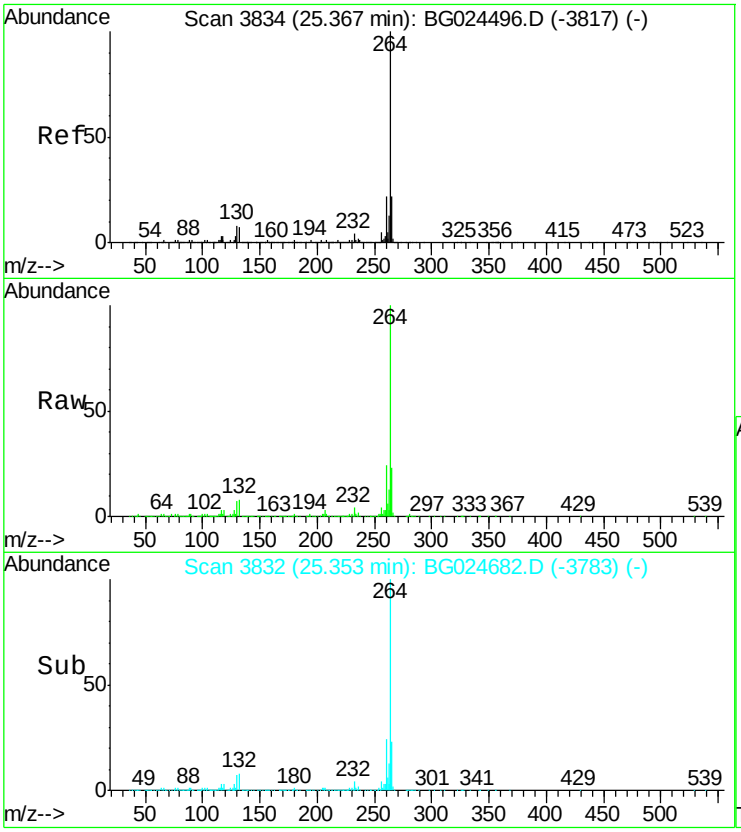


#78
Terphenyl-d14
Concen: 69.50 ng
RT: 20.21 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024682.D
Acq: 4 Nov 2016 14:39

Tgt Ion:244 Resp: 2383180

Ion	Ratio	Lower	Upper
244	100		
212	10.1	10.0	15.0
122	8.4	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BG024682.D
Acq: 4 Nov 2016 14:39

Instrument :
BNA_G
ClientSampleId :
S-1-4.5-5.0

Tgt Ion:264 Resp: 1075765

Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	23.0	18.2	27.4