Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
Data File : BG024665.D
Acq On : 4 Nov 2016 2:54
Operator : UM/SJ
Sample : H5491-18RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-76-6.8-18.0RE

Quant Time: Nov 04 06:44:21 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	86454	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	337589	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	249798	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	619534	20.00	ng	0.00
75) Chrysene-d12	21.92	240	886445	20.00	ng	-0.01
86) Perylene-d12	25.35	264	908545	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	83821	15.89	ng	0.00
7) Phenol-d6	7.40	99	88213	12.19	ng	0.00
23) Nitrobenzene-d5	9.44	82	497233	67.06	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	65412	17.53	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1039817	69.19	ng	0.00
78) Terphenyl-d14	20.21	244	2184151	73.63	ng	0.00
Target Compounds						Qvalue

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

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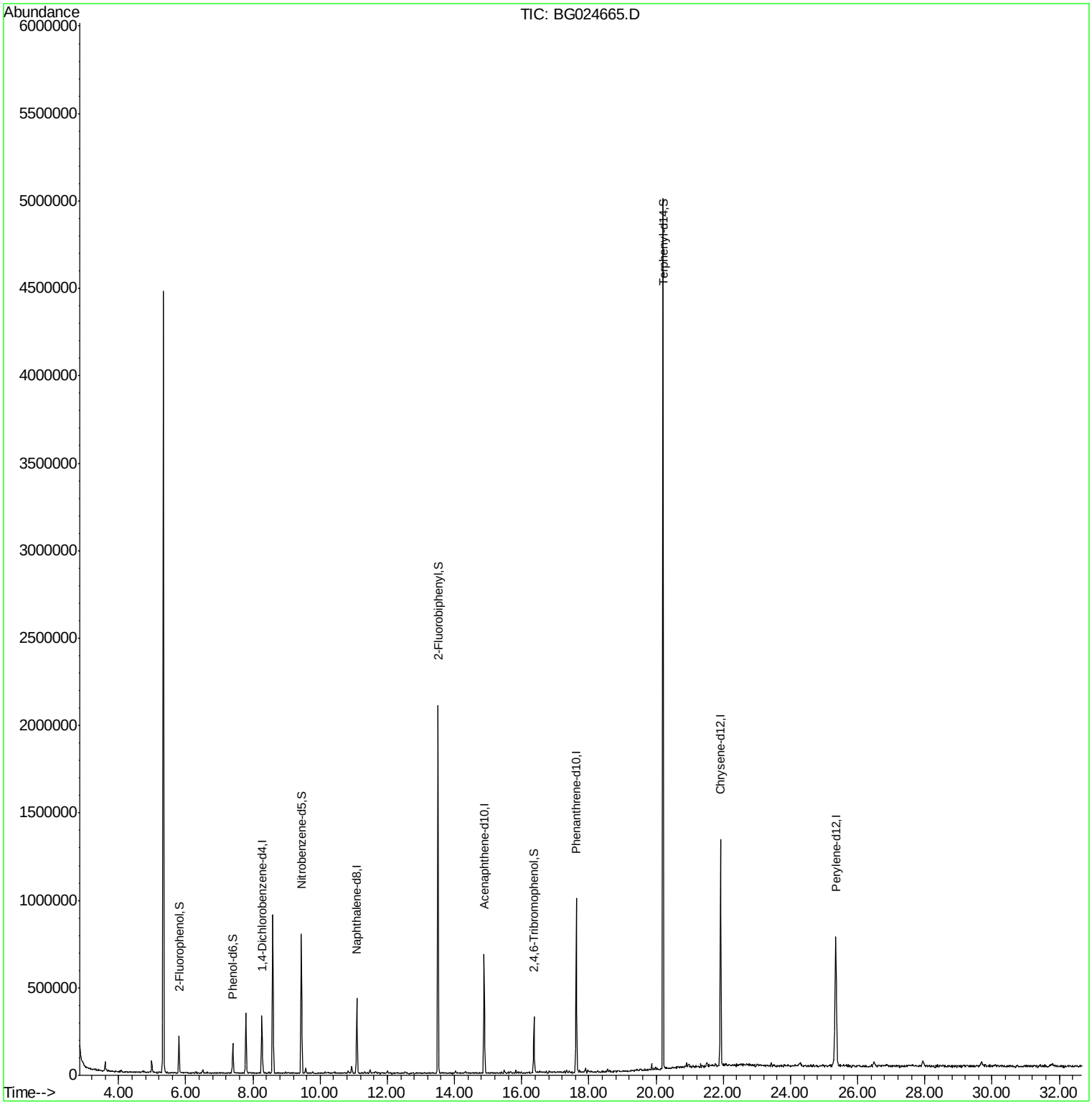
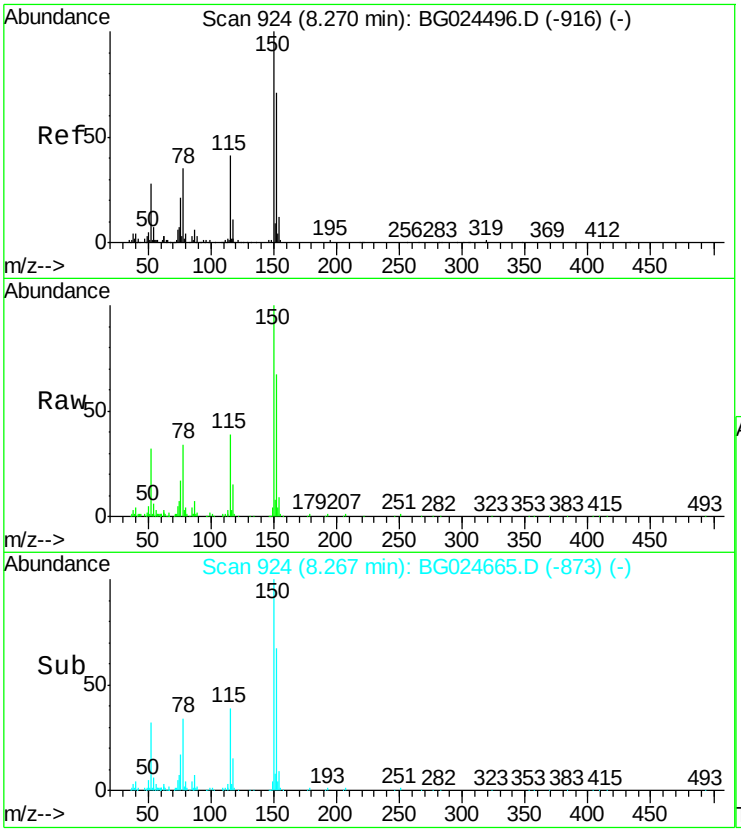


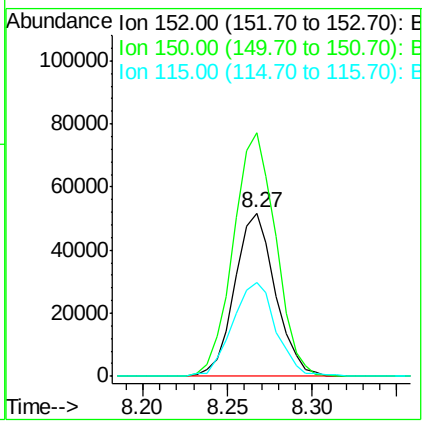


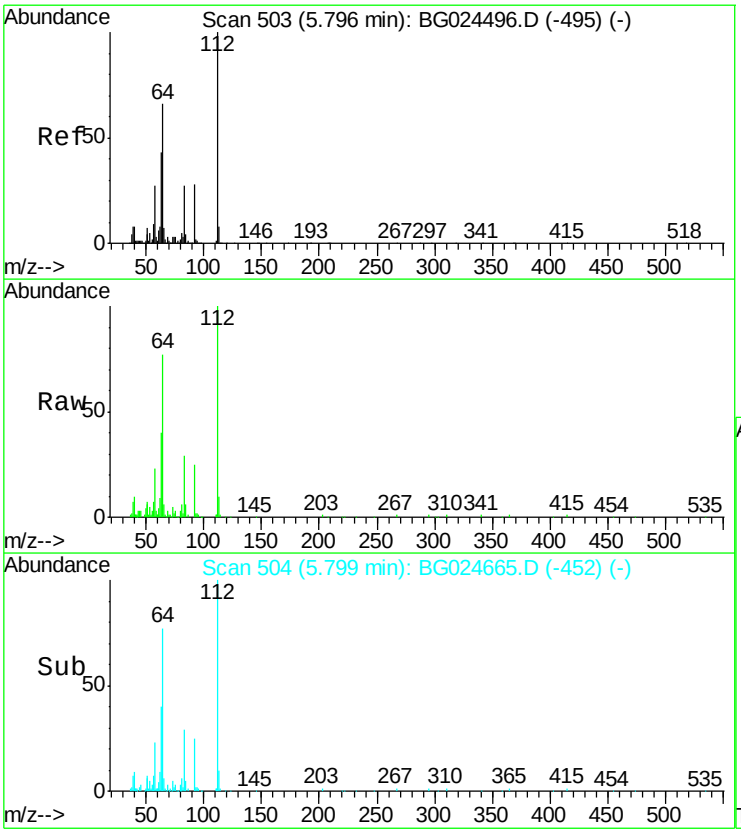
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024665.D
Acq: 4 Nov 2016 2:54

Instrument :
BNA_G
ClientSampleId :
GW-76-6.8-18.0RE

Tgt Ion:152 Resp: 86454

Ion	Ratio	Lower	Upper
152	100		
150	149.3	114.0	171.0
115	57.7	48.1	72.1

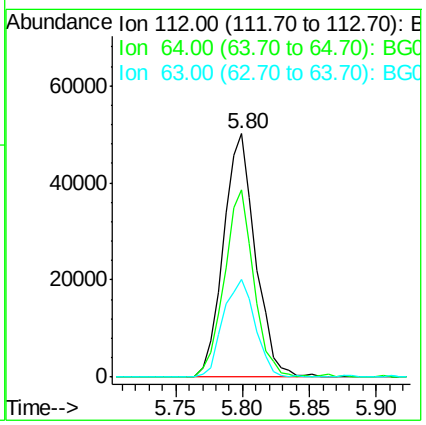


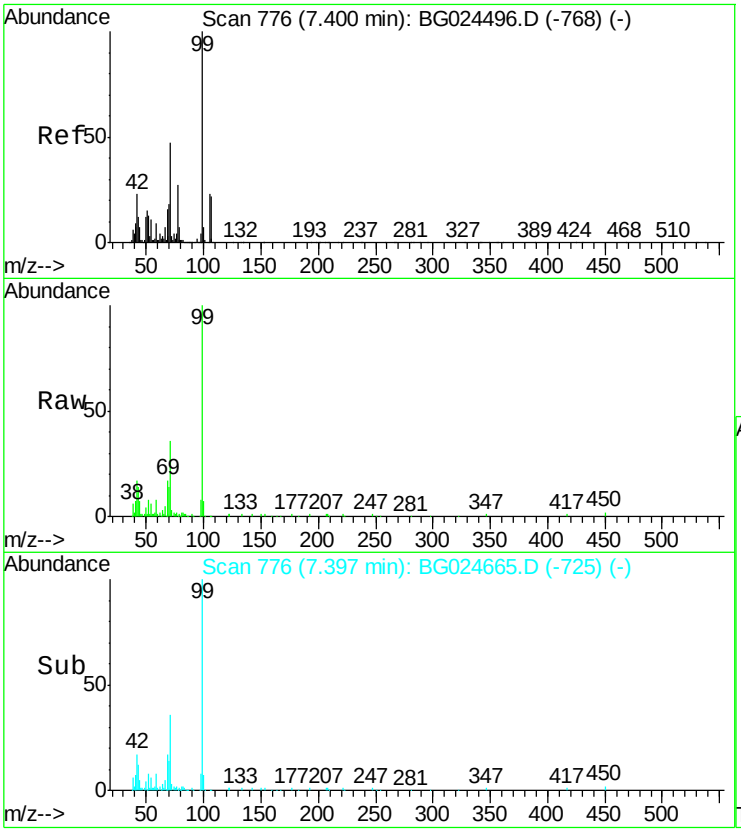


#5
2-Fluorophenol
Concen: 15.89 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG024665.D
Acq: 4 Nov 2016 2:54

Tgt Ion:112 Resp: 83821

Ion	Ratio	Lower	Upper
112	100		
64	76.8	61.8	92.6
63	40.2	37.2	55.8



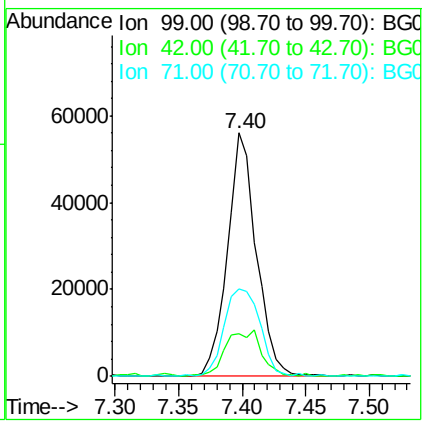


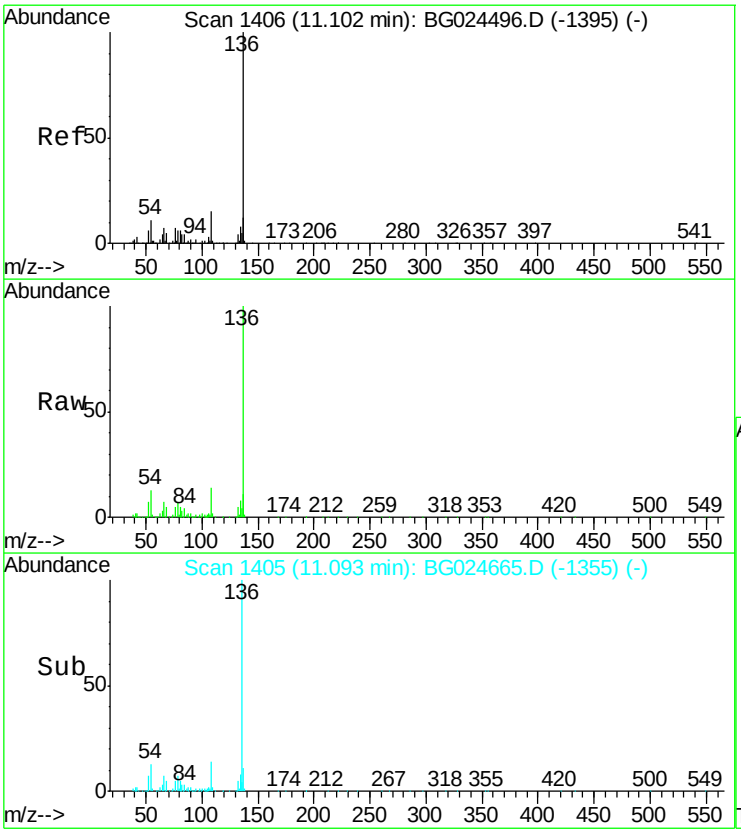
#7
Phenol-d6
Concen: 12.19 ng
RT: 7.40 min Scan# 776
Delta R.T. -0.00 min
Lab File: BG024665.D
Acq: 4 Nov 2016 2:54

Instrument :
BNA_G
ClientSampleId :
GW-76-6.8-18.0RE

Tgt Ion: 99 Resp: 88213

Ion	Ratio	Lower	Upper
99	100		
42	17.3	20.5	30.7#
71	36.0	37.6	56.4#

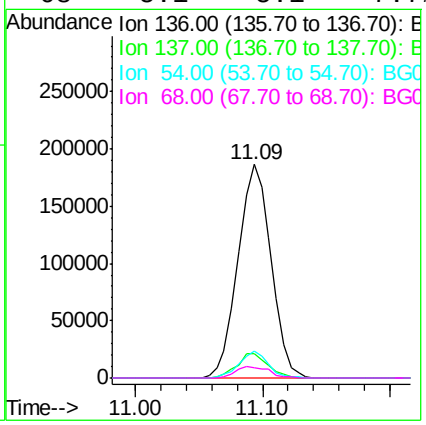


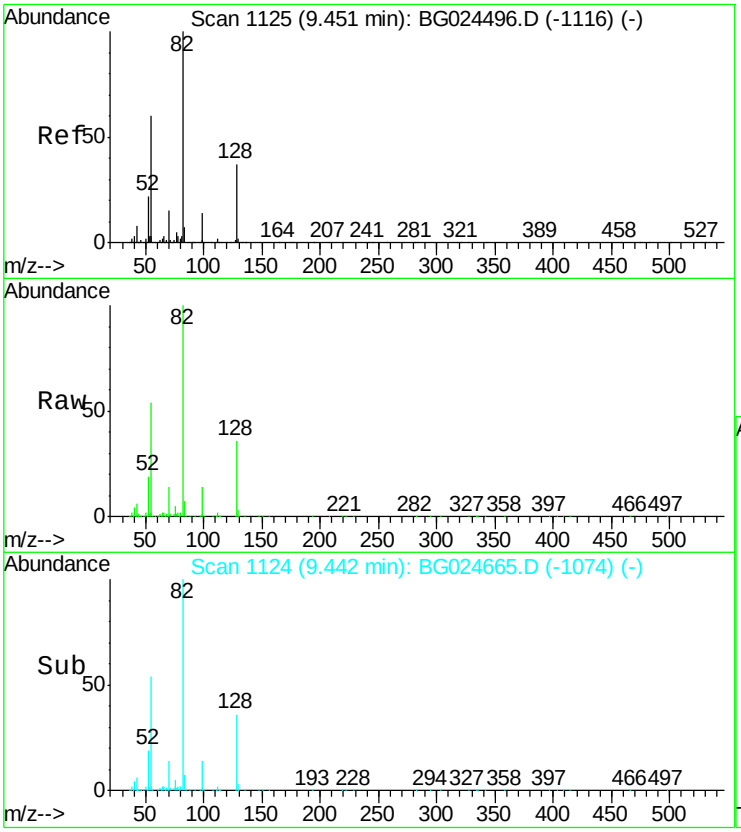


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024665.D
Acq: 4 Nov 2016 2:54

Tgt Ion:136 Resp: 337589

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	12.5	9.3	13.9
68	5.1	5.1	7.7#



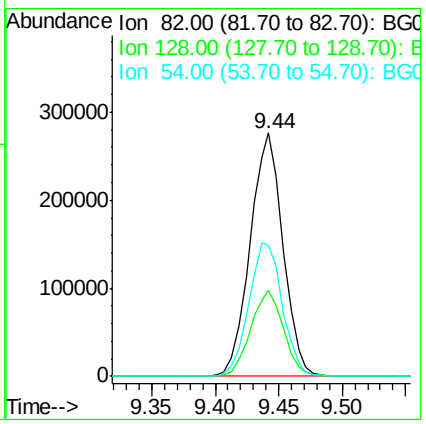


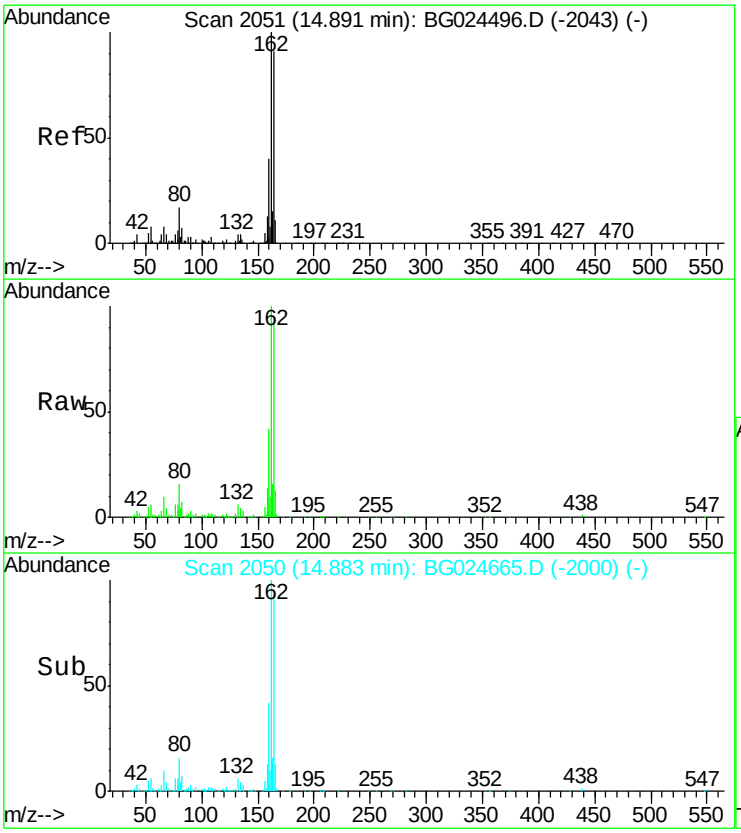
#23
Nitrobenzene-d5
Concen: 67.06 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024665.D
Acq: 4 Nov 2016 2:54

Instrument :
BNA_G
ClientSampleId :
GW-76-6.8-18.0RE

Tgt Ion: 82 Resp: 497233

Ion	Ratio	Lower	Upper
82	100		
128	35.7	26.4	39.6
54	53.6	49.4	74.2

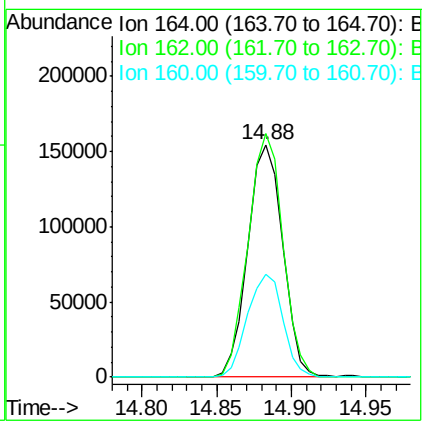


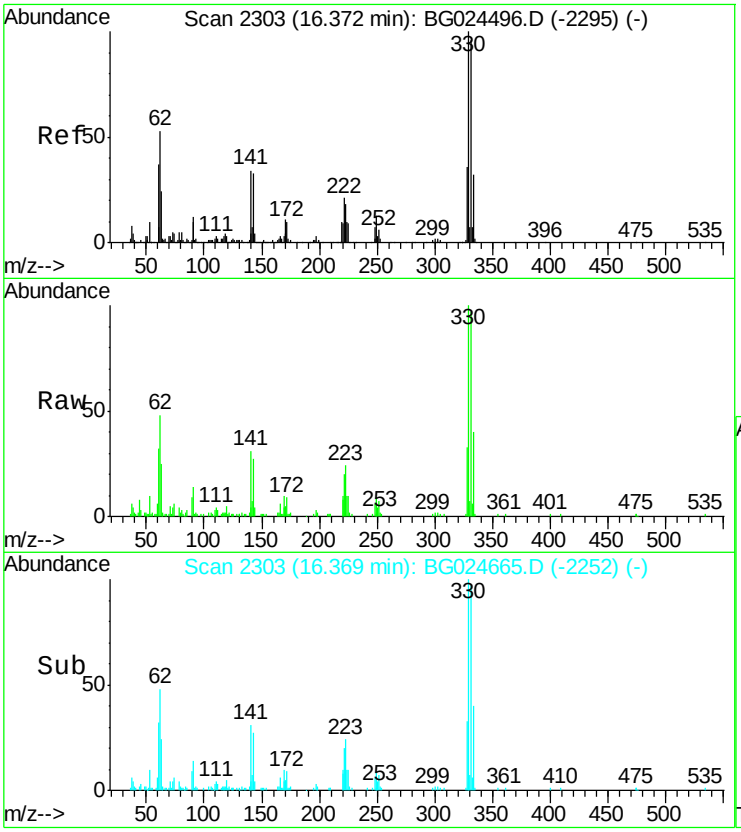


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024665.D
Acq: 4 Nov 2016 2:54

Tgt Ion:164 Resp: 249798

Ion	Ratio	Lower	Upper
164	100		
162	104.7	85.1	127.7
160	44.4	34.7	52.1



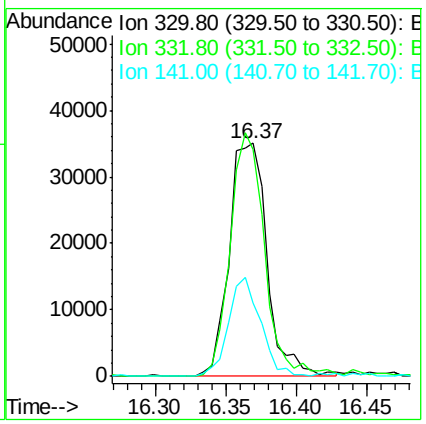


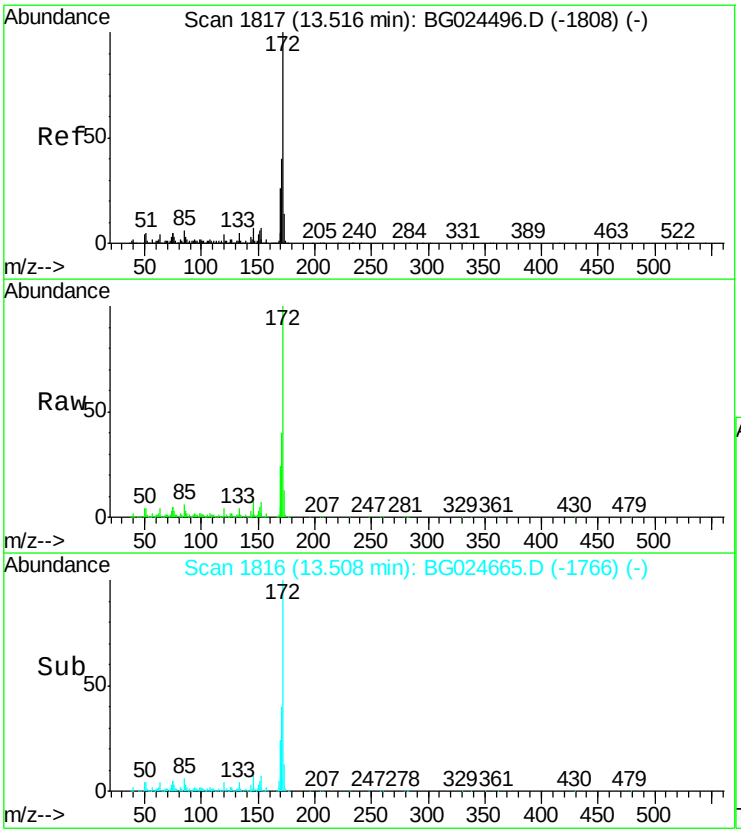
#41
2,4,6-Tribromophenol
Concen: 17.53 ng
RT: 16.37 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG024665.D
Acq: 4 Nov 2016 2:54

Instrument :
BNA_G
ClientSampleId :
GW-76-6.8-18.0RE

Tgt Ion:330 Resp: 65412

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.3	115.9
141	35.8	32.1	48.1

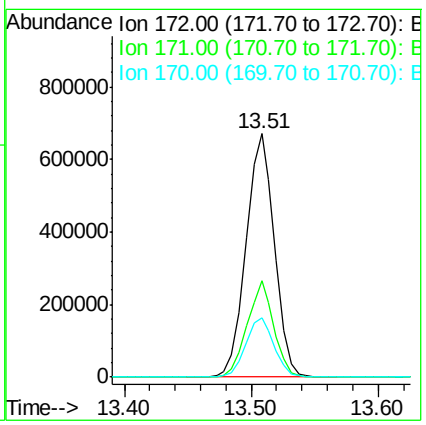


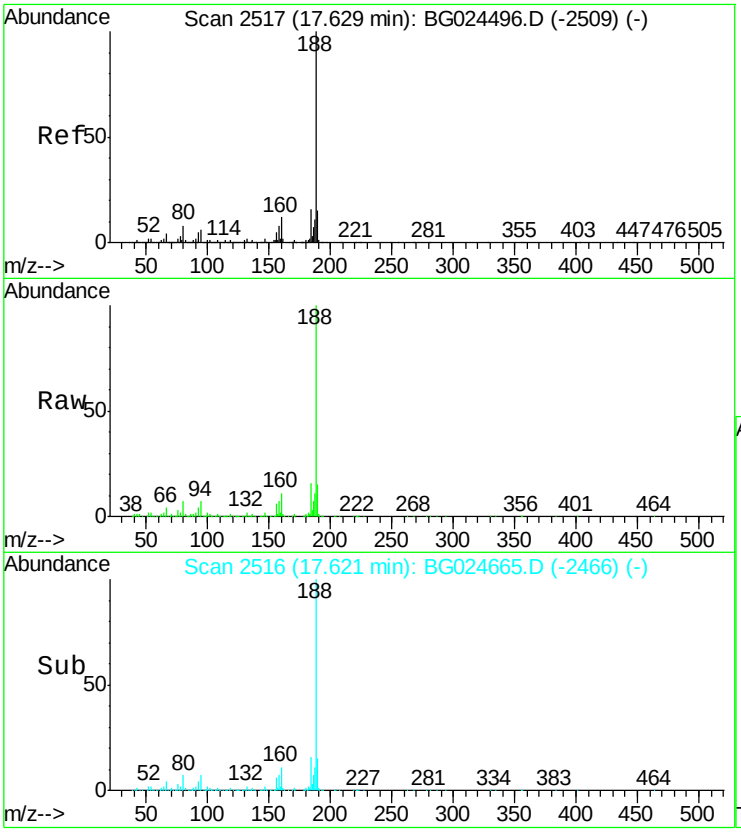


#44
2-Fluorobiphenyl
Concen: 69.19 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024665.D
Acq: 4 Nov 2016 2:54

Tgt Ion:172 Resp: 1039817

Ion	Ratio	Lower	Upper
172	100		
171	39.8	32.2	48.2
170	24.3	21.8	32.6



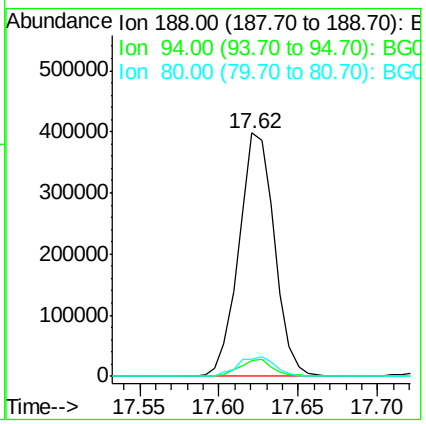


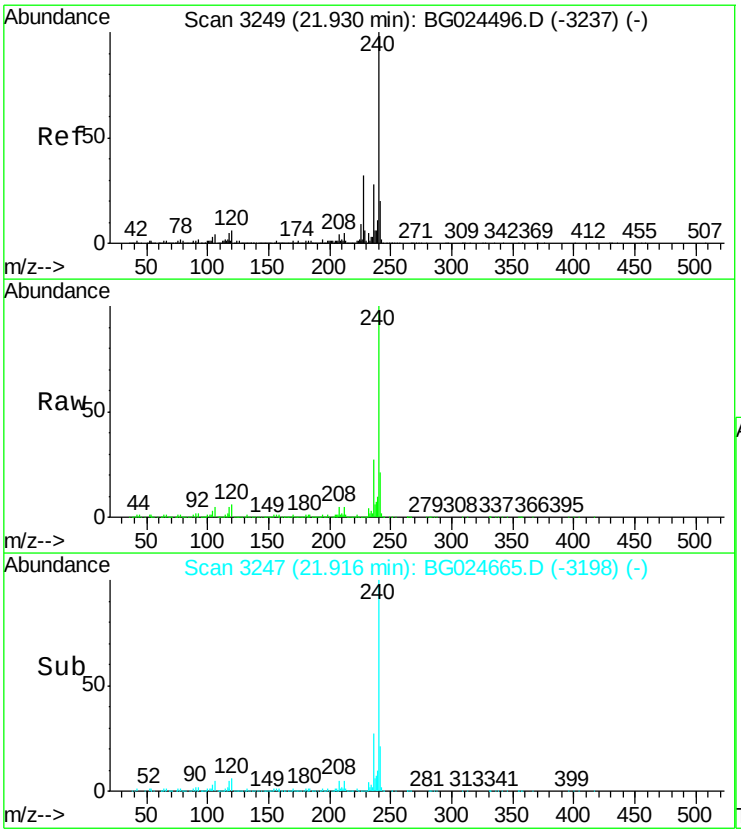
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024665.D
Acq: 4 Nov 2016 2:54

Instrument :
BNA_G
ClientSampleId :
GW-76-6.8-18.0RE

Tgt Ion:188 Resp: 619534

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.8	8.8
80	7.1	7.5	11.3#

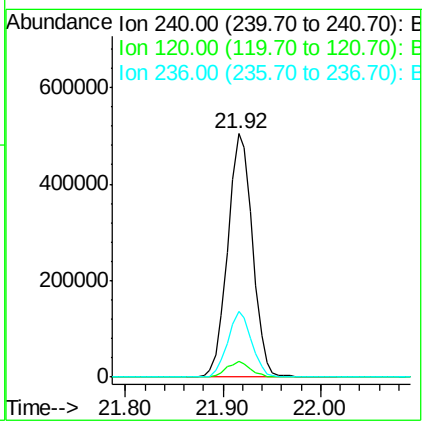


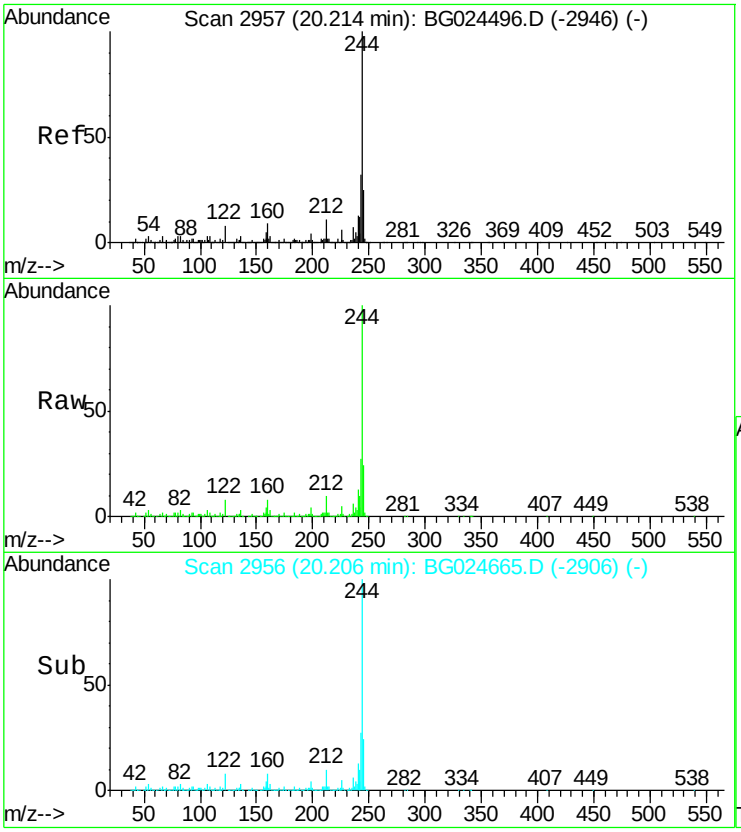


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024665.D
Acq: 4 Nov 2016 2:54

Tgt Ion:240 Resp: 886445

Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.7	8.5
236	26.9	22.2	33.4



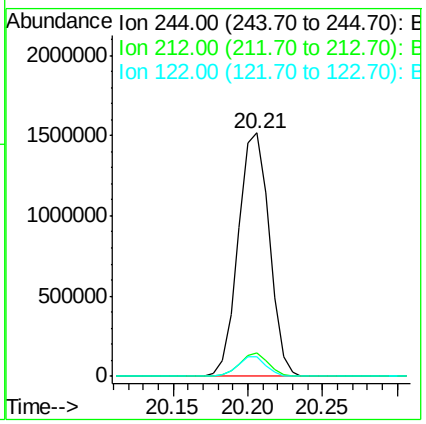


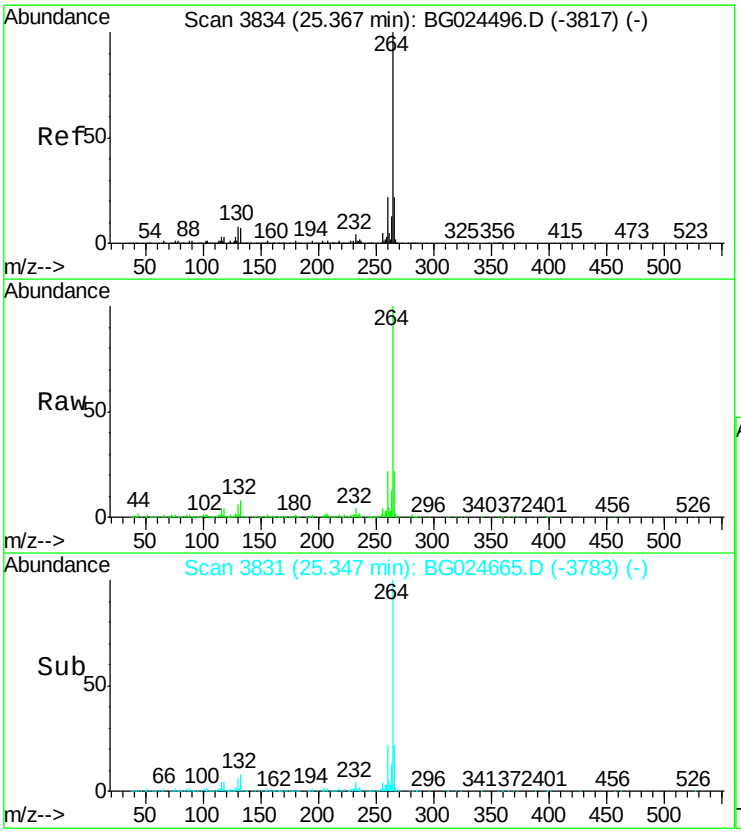
#78
Terphenyl-d14
Concen: 73.63 ng
RT: 20.21 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024665.D
Acq: 4 Nov 2016 2:54

Instrument :
BNA_G
ClientSampleId :
GW-76-6.8-18.0RE

Tgt Ion:244 Resp: 2184151

Ion	Ratio	Lower	Upper
244	100		
212	9.6	10.0	15.0#
122	8.0	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BG024665.D
Acq: 4 Nov 2016 2:54

Tgt Ion:264 Resp: 908545

Ion	Ratio	Lower	Upper
264	100		
260	22.1	21.8	32.8
265	21.8	18.2	27.4