Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016495.D
Acq On : 17 Apr 2015 19:17
Operator : TP/IZ
Sample : G1915-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TILCONMH1.5STONE002

Quant Time: Apr 18 00:50:45 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 18 00:32:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	66970	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	291479	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	172826	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	368371	20.00	ng	0.00
75) Chrysene-d12	21.23	240	314571	20.00	ng	0.00
86) Perylene-d12	23.45	264	297687	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	425534	100.28	ng	0.00
7) Phenol-d6	6.84	99	596158	93.59	ng	0.00
23) Nitrobenzene-d5	8.81	82	298746	59.37	ng	-0.01
41) 2,4,6-Tribromophenol	15.79	330	115128	98.50	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	673703	66.37	ng	0.00
78) Terphenyl-d14	19.67	244	824767	61.36	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	13.76	163	30278	2.39	ng	99

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

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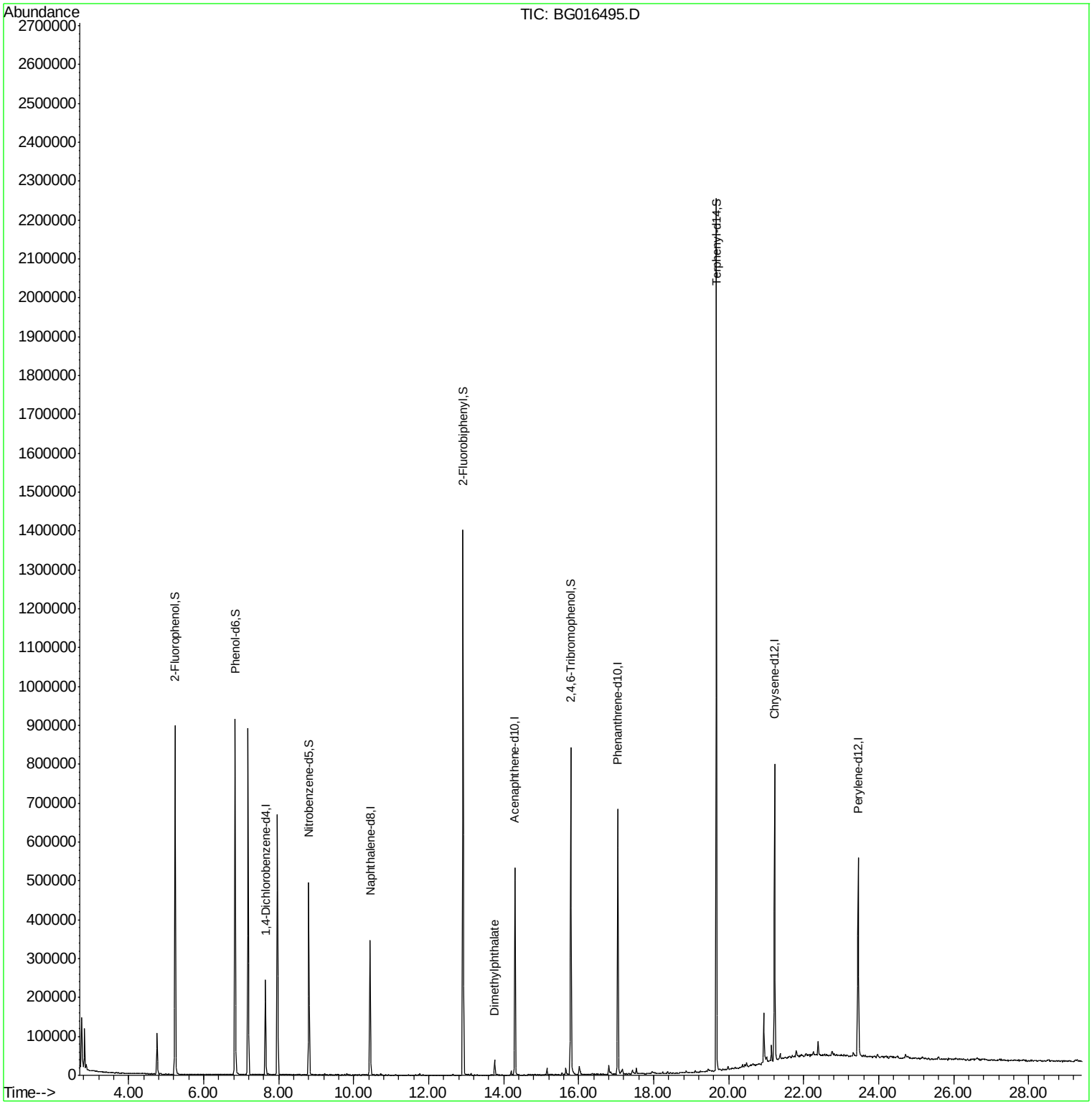
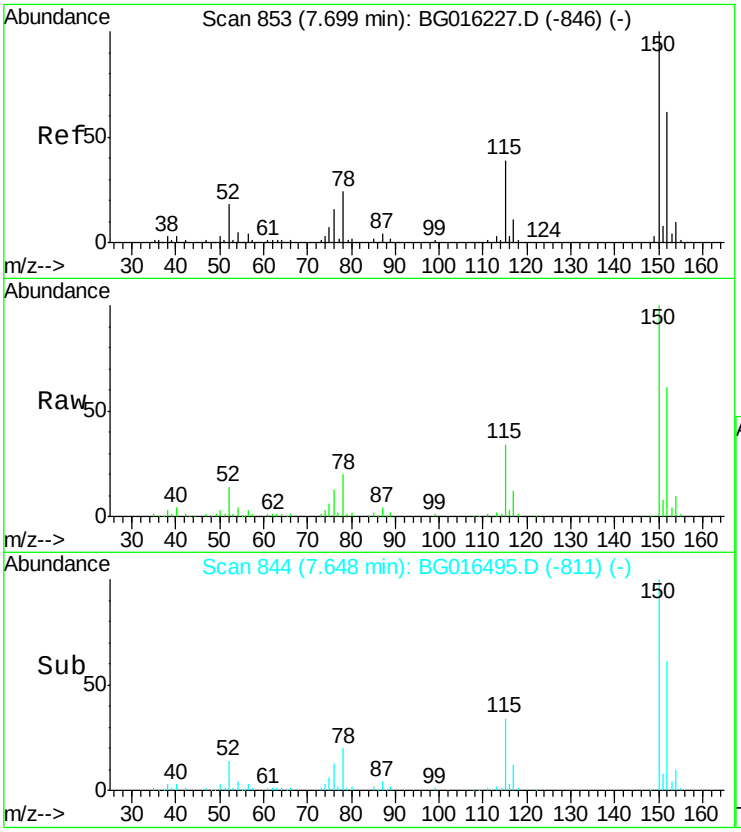


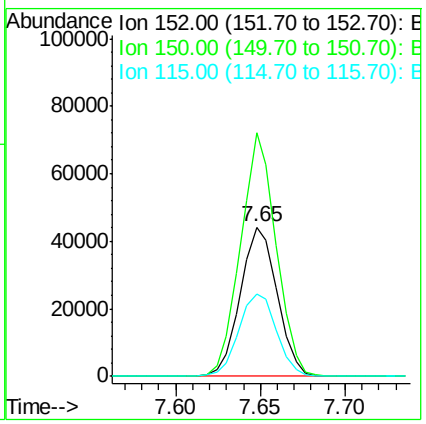


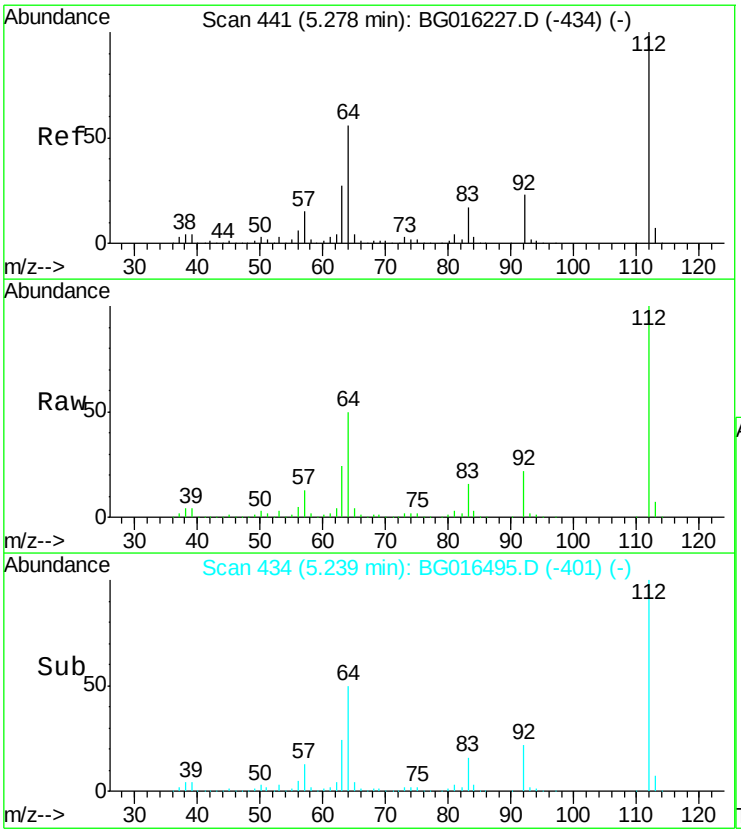
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.65 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG016495.D
Acq: 17 Apr 2015 19:17

Instrument :
BNA_G
ClientSampleId :
TILCONMH1.5STONE002

Tgt Ion:152 Resp: 66970

Ion	Ratio	Lower	Upper
152	100		
150	163.3	130.1	195.1
115	54.8	50.5	75.7

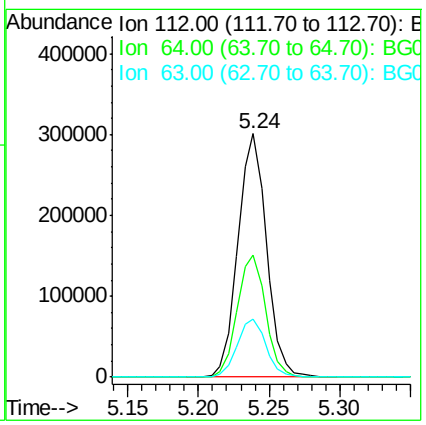


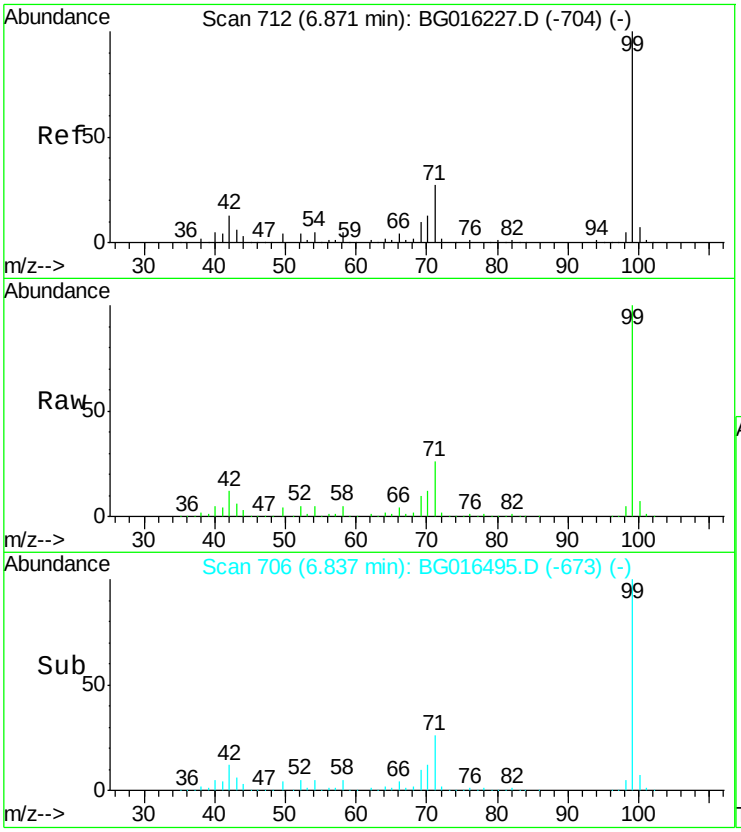


#5
2-Fluorophenol
Concen: 100.28 ng
RT: 5.24 min Scan# 434
Delta R.T. -0.01 min
Lab File: BG016495.D
Acq: 17 Apr 2015 19:17

Tgt Ion:112 Resp: 425534

Ion	Ratio	Lower	Upper
112	100		
64	50.3	44.5	66.7
63	24.1	21.4	32.0



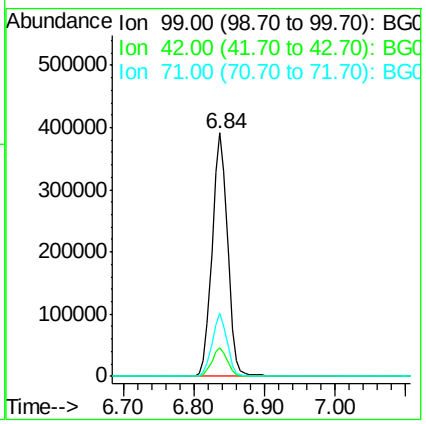


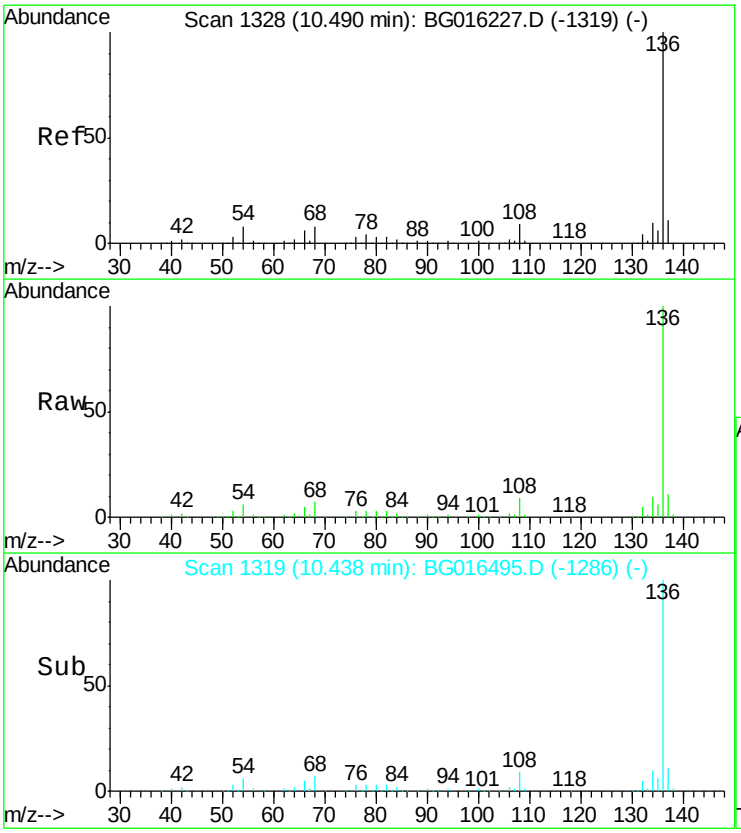
#7
Phenol-d6
Concen: 93.59 ng
RT: 6.84 min Scan# 706
Delta R.T. -0.01 min
Lab File: BG016495.D
Acq: 17 Apr 2015 19:17

Instrument :
BNA_G
ClientSampleId :
TILCONMH1.5STONE002

Tgt Ion: 99 Resp: 596158

Ion	Ratio	Lower	Upper
99	100		
42	11.8	10.0	15.0
71	26.1	21.5	32.3

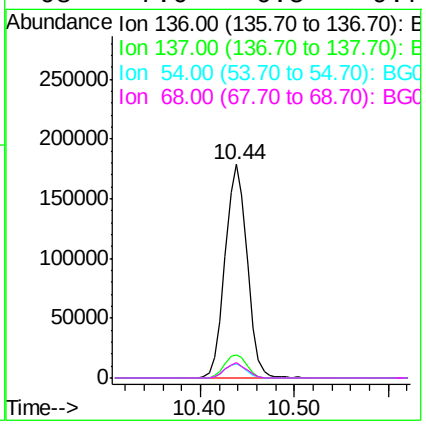


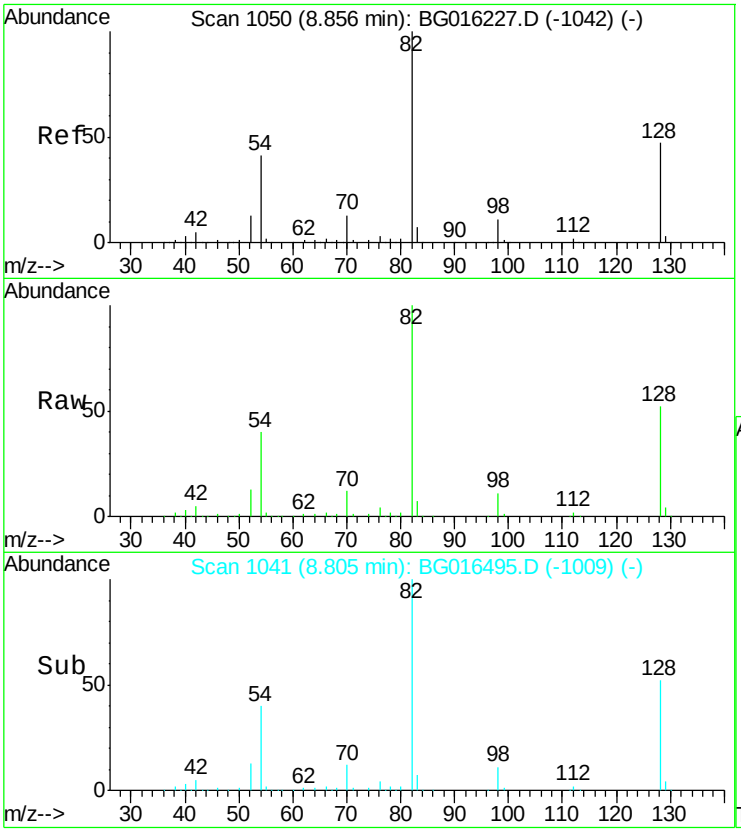


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.44 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG016495.D
Acq: 17 Apr 2015 19:17

Tgt Ion:136 Resp: 291479

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.4	6.3	9.5
68	7.0	6.5	9.7



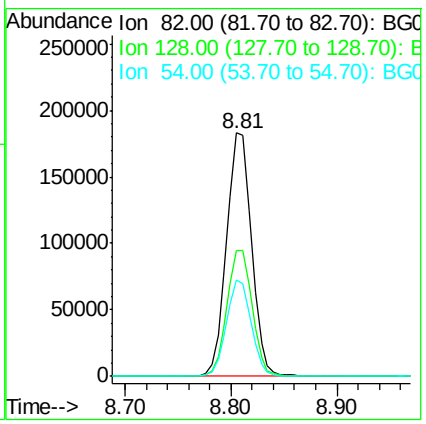


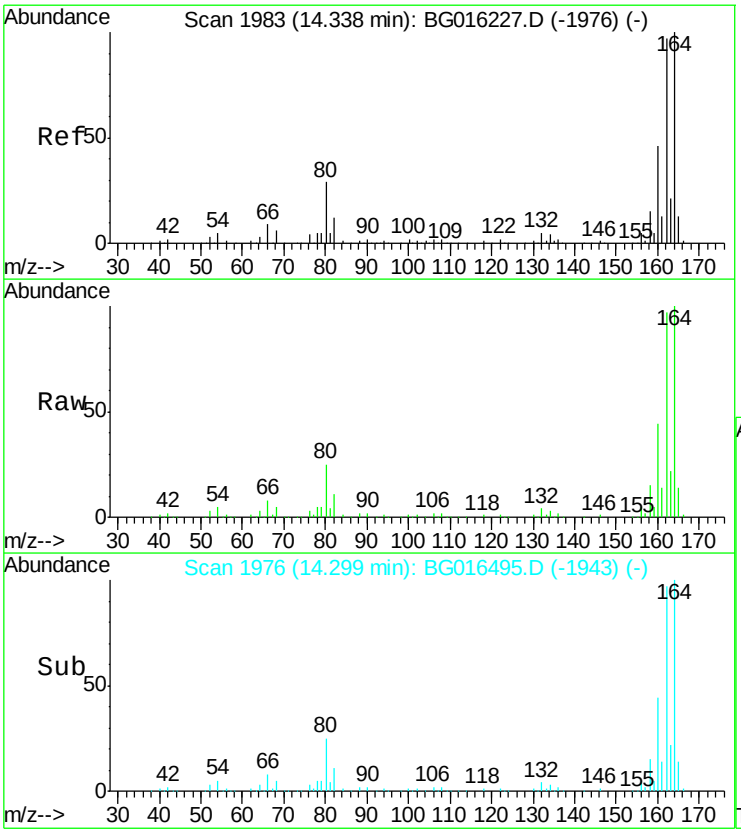
#23
Nitrobenzene-d5
Concen: 59.37 ng
RT: 8.81 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG016495.D
Acq: 17 Apr 2015 19:17

Instrument :
BNA_G
ClientSampleId :
TILCONMH1.5STONE002

Tgt Ion: 82 Resp: 298746

Ion	Ratio	Lower	Upper
82	100		
128	51.6	37.8	56.8
54	39.9	32.6	49.0

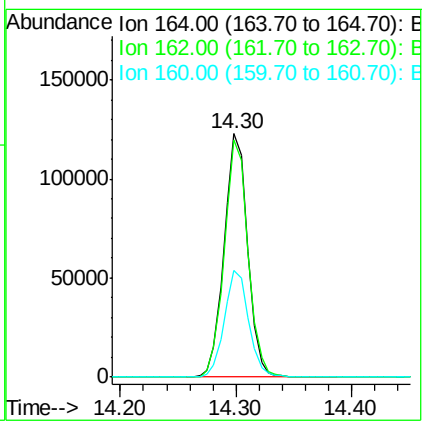


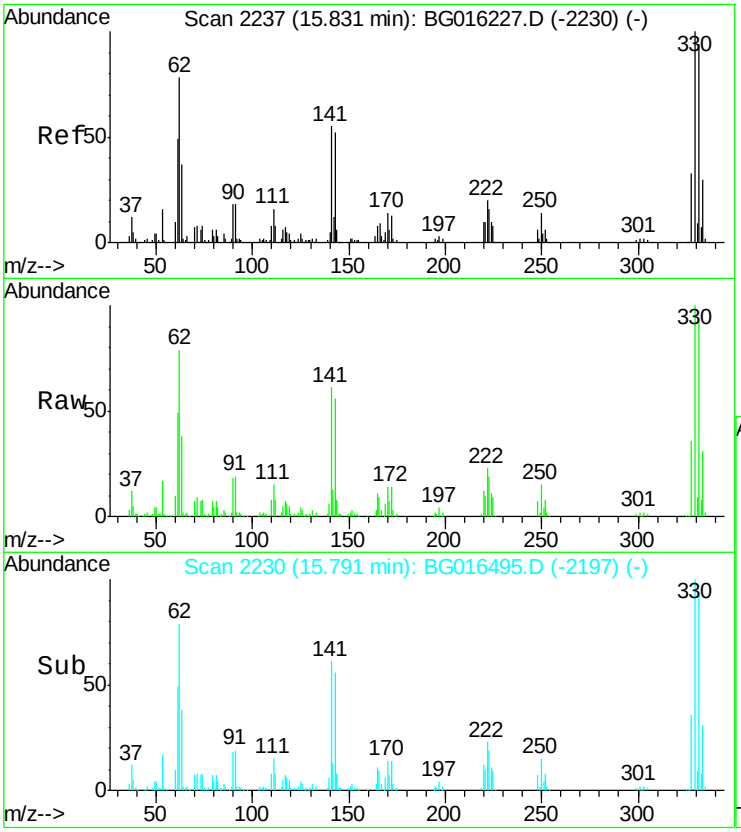


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.30 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG016495.D
Acq: 17 Apr 2015 19:17

Tgt Ion:164 Resp: 172826

Ion	Ratio	Lower	Upper
164	100		
162	97.5	77.3	115.9
160	43.9	36.7	55.1



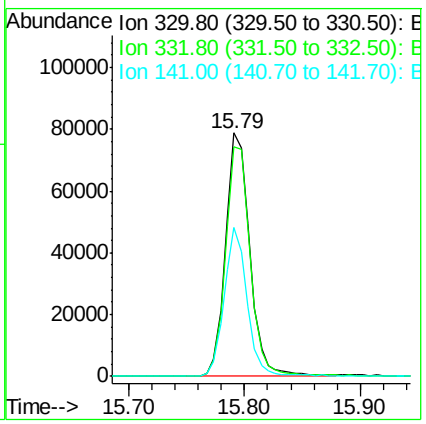


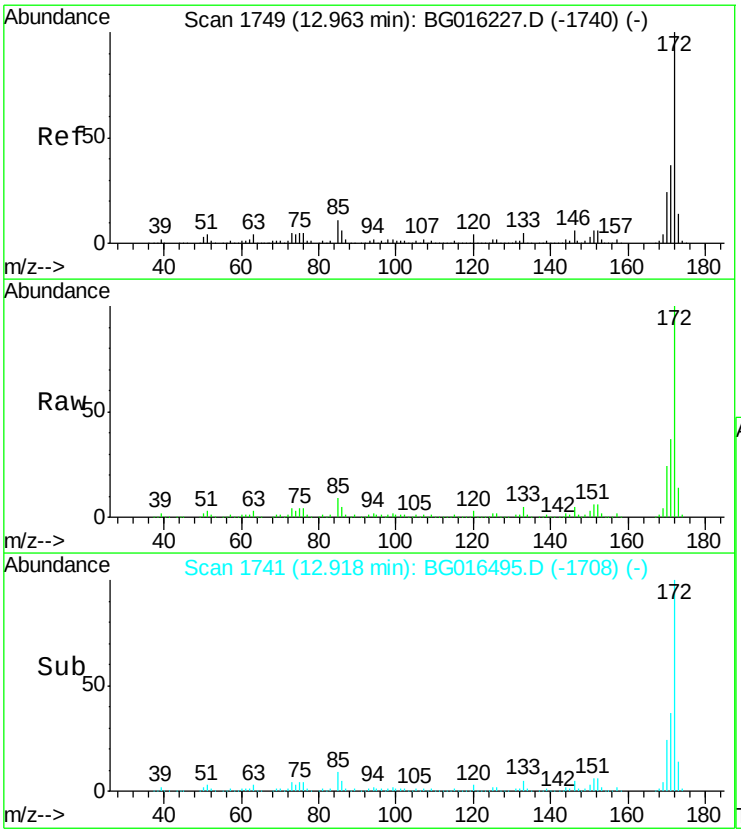
#41
2,4,6-Tribromophenol
Concen: 98.50 ng
RT: 15.79 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BG016495.D
Acq: 17 Apr 2015 19:17

Instrument :
BNA_G
ClientSampleId :
TILCONMH1.5STONE002

Tgt Ion:330 Resp: 115128

Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.8	113.6
141	57.3	46.6	69.8

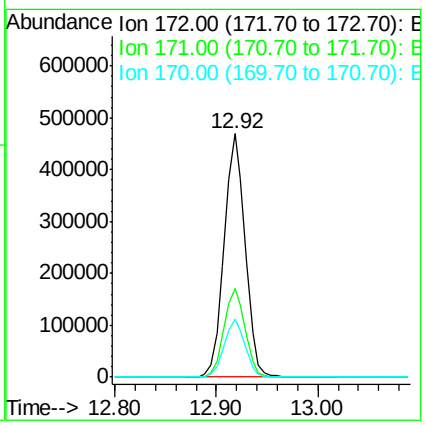


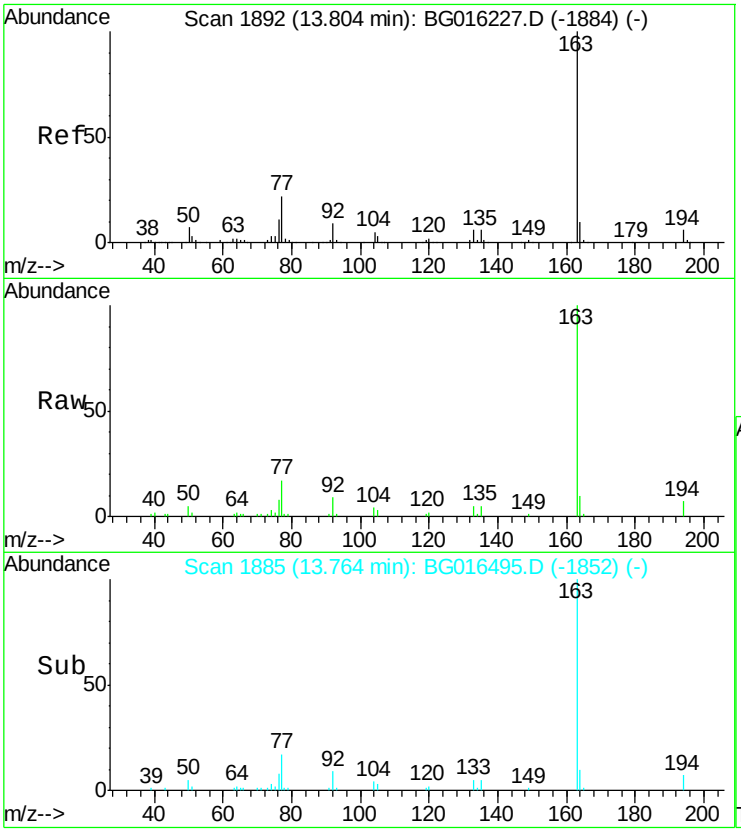


#44
2-Fluorobiphenyl
Concen: 66.37 ng
RT: 12.92 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG016495.D
Acq: 17 Apr 2015 19:17

Tgt Ion:172 Resp: 673703

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.0	19.4	29.2



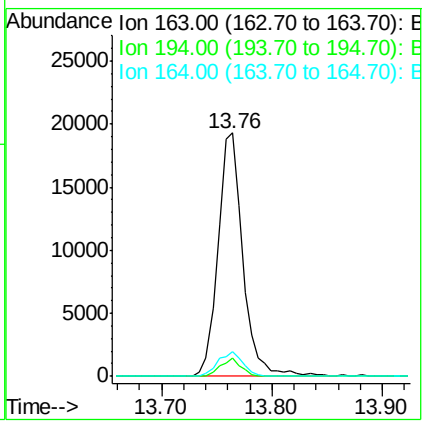


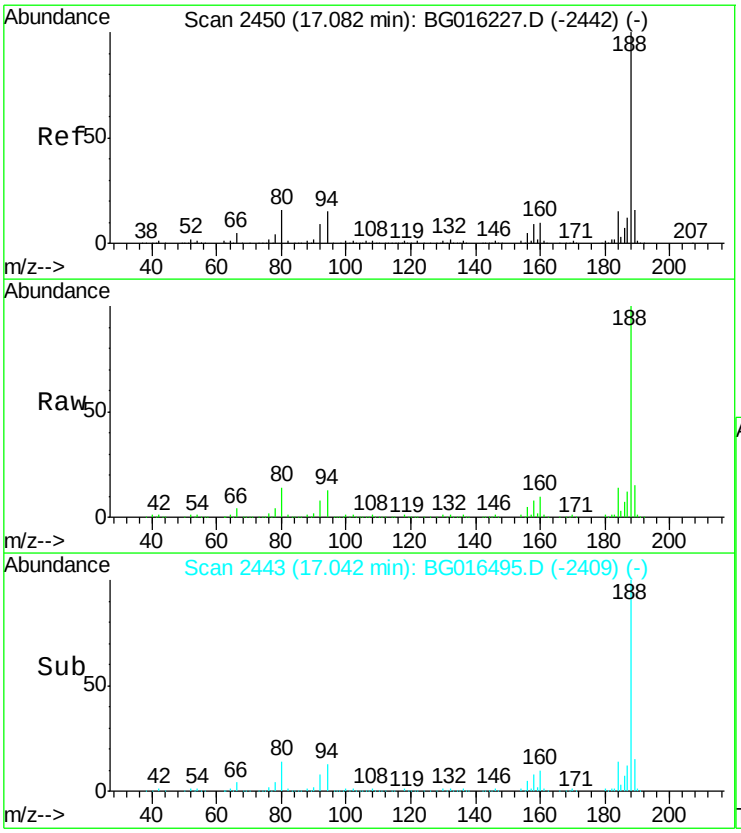
#49
Dimethylphthalate
Concen: 2.39 ng
RT: 13.76 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BG016495.D
Acq: 17 Apr 2015 19:17

Instrument :
BNA_G
ClientSampleId :
TILCONMH1.5STONE002

Tgt Ion:163 Resp: 30278

Ion	Ratio	Lower	Upper
163	100		
194	7.3	5.0	7.4
164	10.3	8.2	12.4

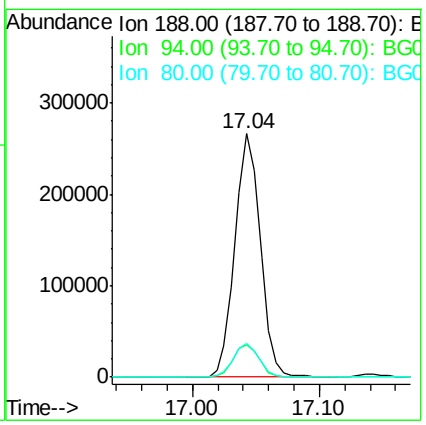


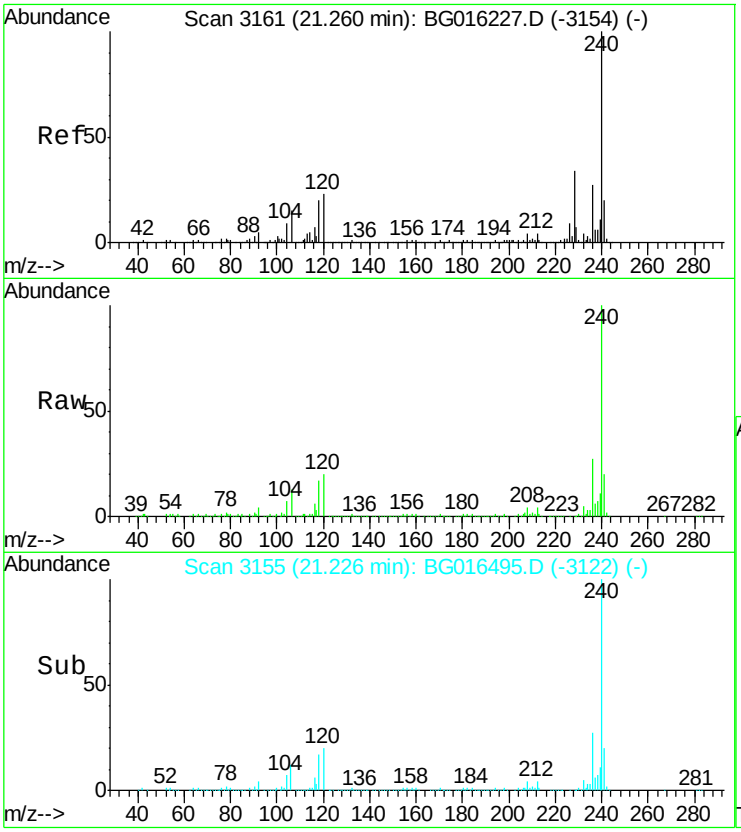


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG016495.D
Acq: 17 Apr 2015 19:17

Tgt Ion:188 Resp: 368371

Ion	Ratio	Lower	Upper
188	100		
94	13.5	12.2	18.4
80	14.0	12.8	19.2



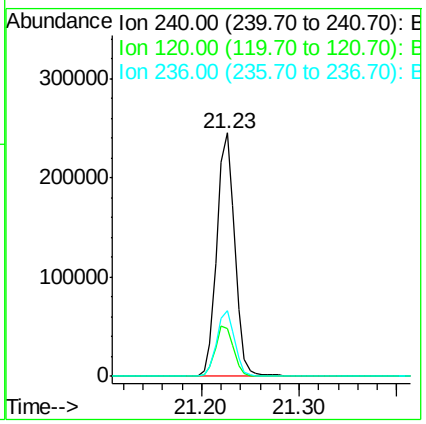


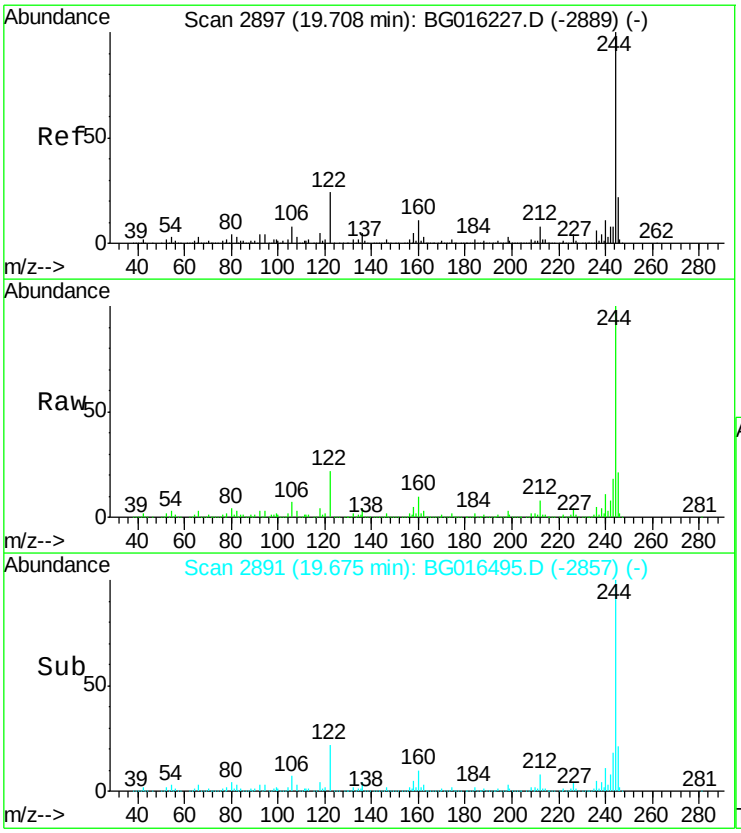
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG016495.D
Acq: 17 Apr 2015 19:17

Instrument :
BNA_G
ClientSampleId :
TILCONMH1.5STONE002

Tgt Ion:240 Resp: 314571

Ion	Ratio	Lower	Upper
240	100		
120	19.9	18.6	28.0
236	27.2	21.7	32.5

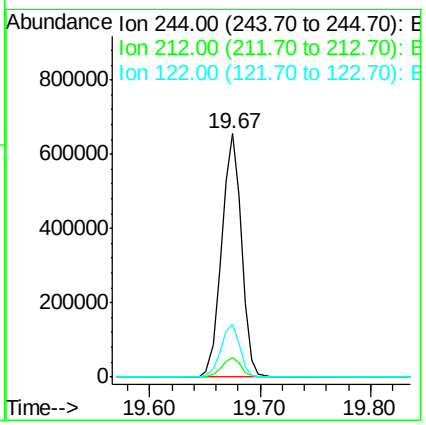


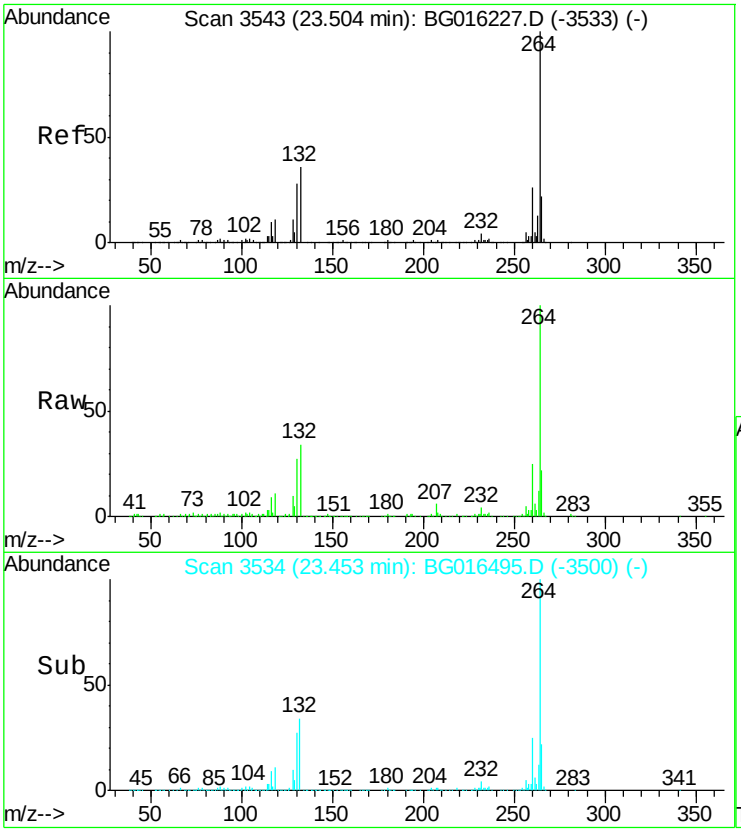


#78
Terphenyl-d14
Concen: 61.36 ng
RT: 19.67 min Scan# 2891
Delta R.T. 0.00 min
Lab File: BG016495.D
Acq: 17 Apr 2015 19:17

Tgt Ion:244 Resp: 824767

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	9.8
122	21.5	19.1	28.7





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.45 min Scan# 3534
Delta R.T. 0.00 min
Lab File: BG016495.D
Acq: 17 Apr 2015 19:17

Instrument :
BNA_G
ClientSampleId :
TILCONMH1.5STONE002

Tgt Ion:264 Resp: 297687

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.4	30.6
265	22.1	17.2	25.8