Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG072015\
Data File : BG017984.D
Acq On : 20 Jul 2015 12:18
Operator : TP/UM
Sample : G2976-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BRIDGE14-6(0-2)

Quant Time: Jul 20 17:33:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 18 01:50:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	146416	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	648004	20.00	ng		0.00
38) Acenaphthene-d10	14.25	164	391034	20.00	ng		0.00
63) Phenanthrene-d10	17.00	188	757733	20.00	ng		0.00
75) Chrysene-d12	21.20	240	752662	20.00	ng		0.00
86) Perylene-d12	23.42	264	756859	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	799934	95.31	ng		0.00
7) Phenol-d6	6.77	99	1022473	92.99	ng		0.00
23) Nitrobenzene-d5	8.74	82	608321	60.80	ng		0.00
41) 2,4,6-Tribromophenol	15.74	330	366541	92.52	ng		0.00
44) 2-Fluorobiphenyl	12.86	172	1258846	55.79	ng		0.00
78) Terphenyl-d14	19.64	244	1469657	49.19	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	13.70	163	277103	10.20	ng		99
70) Phenanthrene	17.04	178	85735	2.19	ng		98
74) Fluoranthene	19.06	202	104794	2.45	ng		97
77) Pyrene	19.43	202	81167	1.93	ng		94
79) Butylbenzylphthalate	20.34	149	56214	2.99	ng		93
80) Benzo(a)anthracene	21.18	228	44348	1.12	ng		95
82) Chrysene	21.18	228	44348	1.17	ng		91
87) Benzo(b)fluoranthene	22.75	252	50468	1.22	ng		98
88) Benzo(k)fluoranthene	22.75	252	50468	1.22	ng	#	97

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

Quantitation Report (QT Reviewed)

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Acq On : 20 Jul 2015 12:18
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Misc :
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BNA_G
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BRIDGE14-6(0-2)

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
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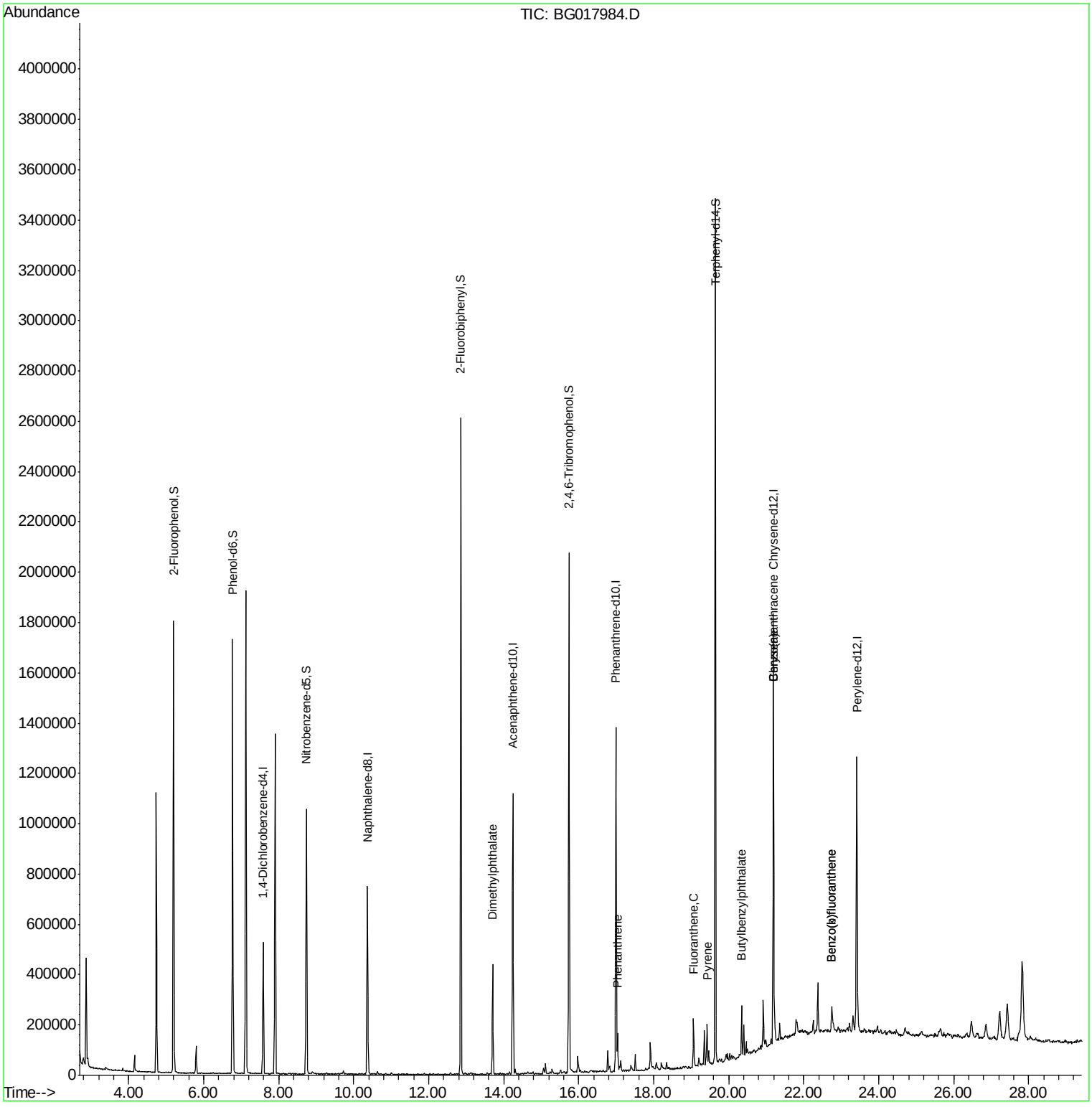
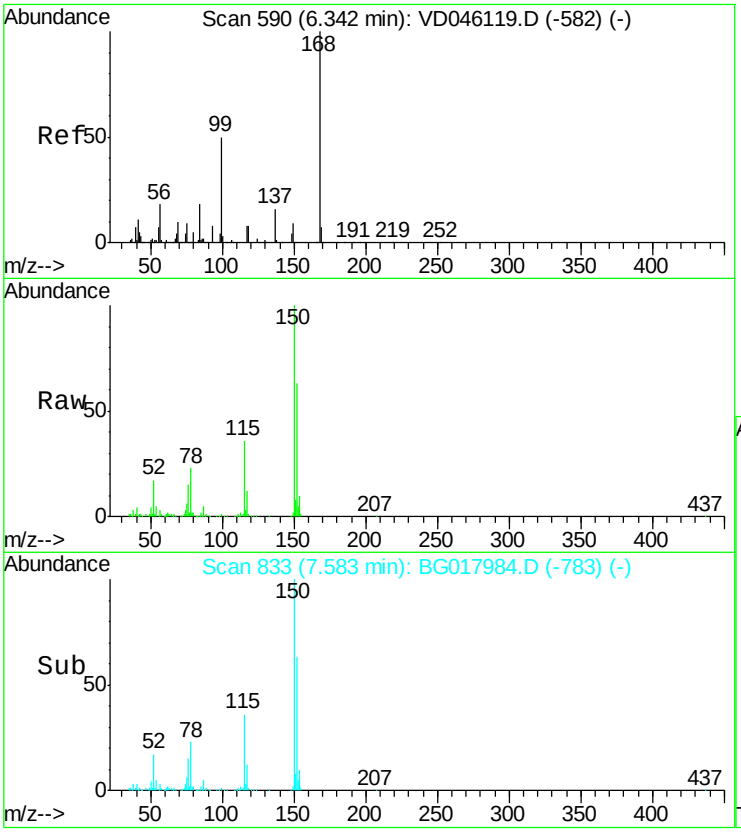


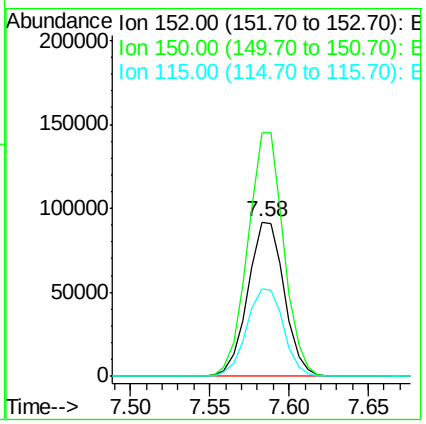


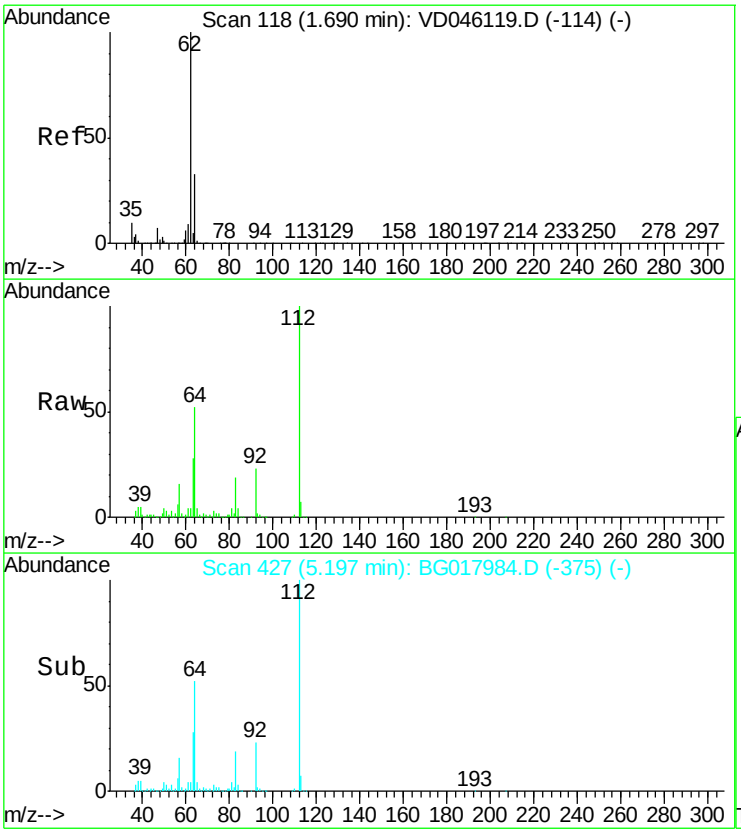
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.58 min Scan# 833
Delta R.T. -0.01 min
Lab File: BG017984.D
Acq: 20 Jul 2015 12:18

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-6(0-2)

Tgt Ion:152 Resp: 146416

Ion	Ratio	Lower	Upper
152	100		
150	157.8	119.1	178.7
115	56.5	47.0	70.4

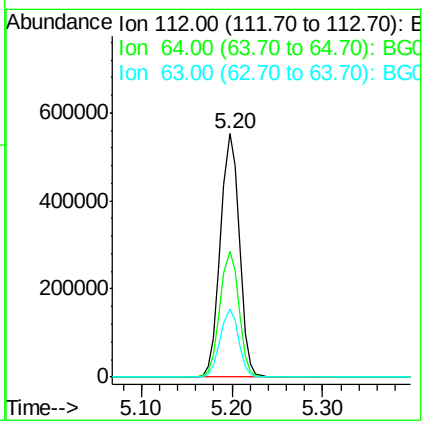


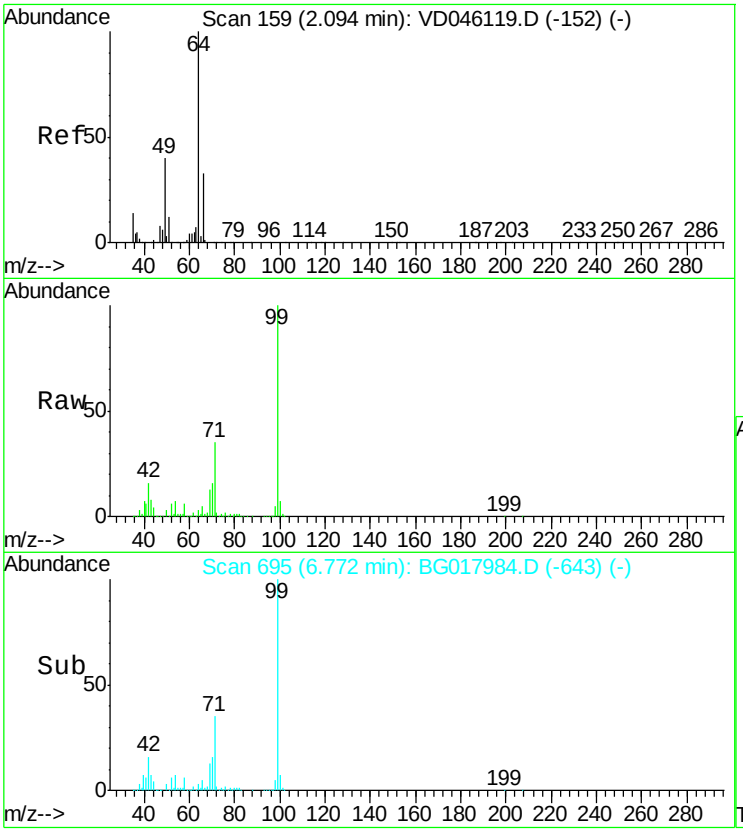


#5
2-Fluorophenol
Concen: Below ng
RT: 5.20 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG017984.D
Acq: 20 Jul 2015 12:18

Tgt Ion:112 Resp: 799934

Ion	Ratio	Lower	Upper
112	100		
64	51.5	45.4	68.0
63	28.1	25.3	37.9



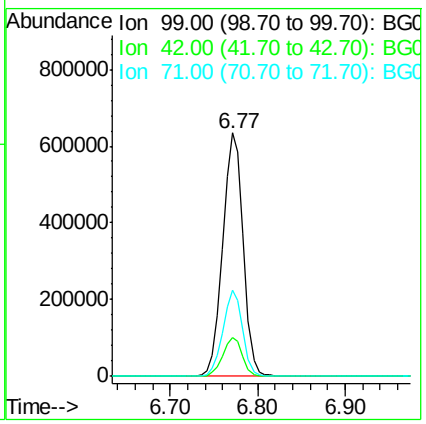


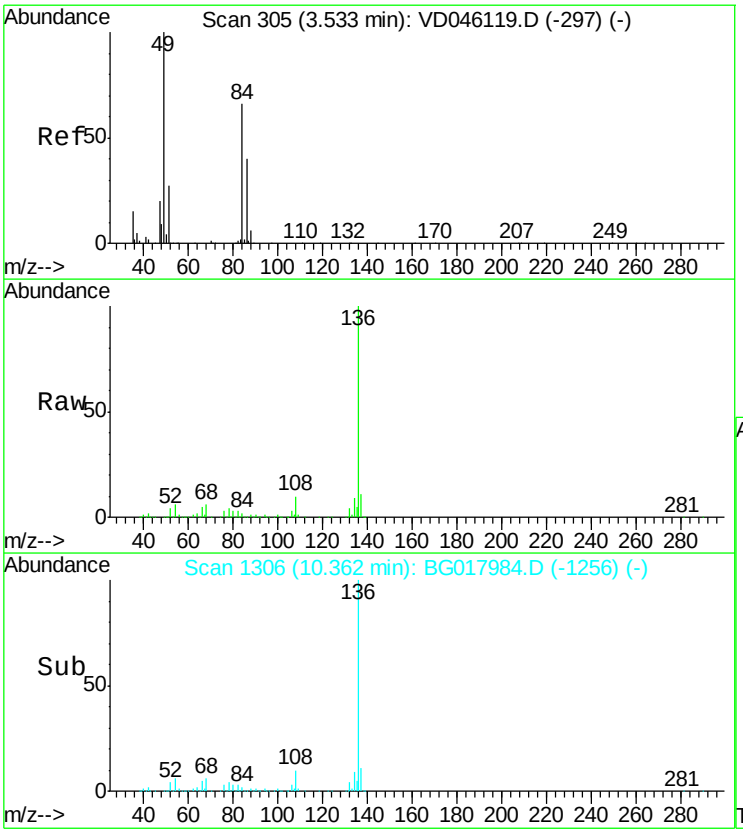
#7
Phenol-d6
Concen: Below ng
RT: 6.77 min Scan# 695
Delta R.T. 0.01 min
Lab File: BG017984.D
Acq: 20 Jul 2015 12:18

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-6(0-2)

Tgt Ion: 99 Resp: 1022473

Ion	Ratio	Lower	Upper
99	100		
42	15.8	16.2	24.4#
71	35.2	29.5	44.3

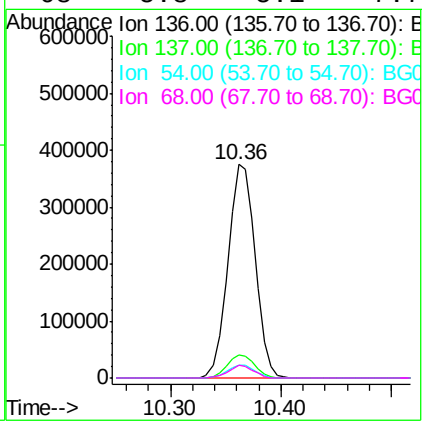


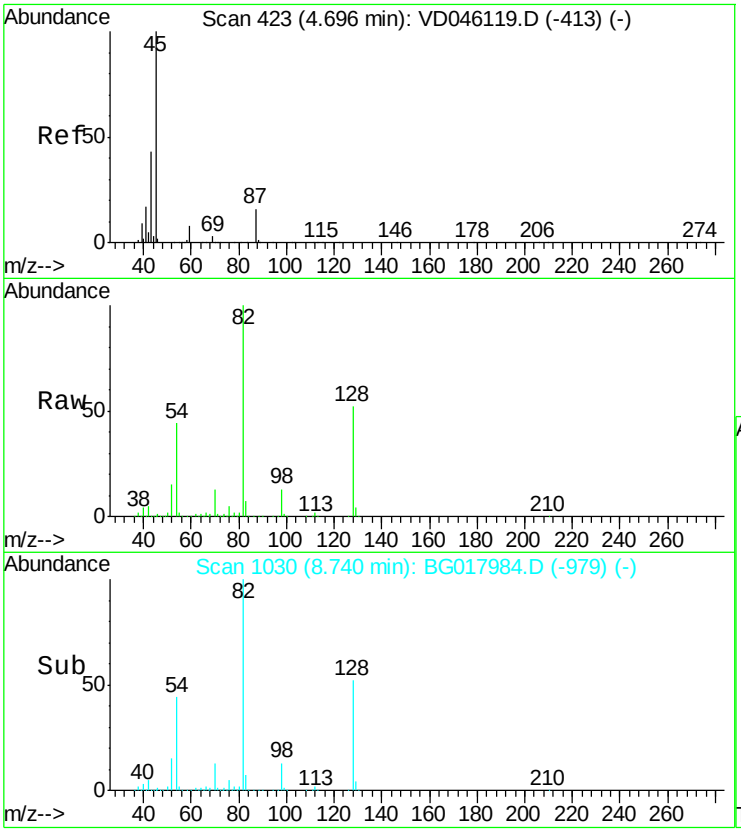


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.36 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG017984.D
Acq: 20 Jul 2015 12:18

Tgt Ion:136 Resp: 648004

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.3	6.6	9.8#
68	5.8	5.1	7.7



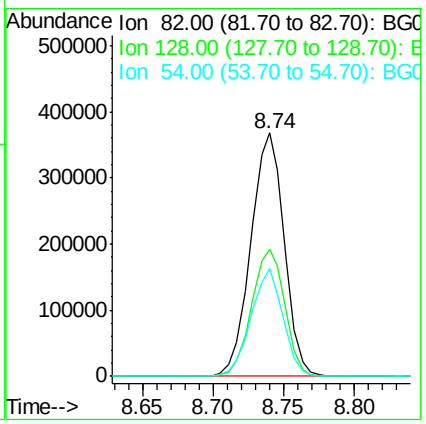


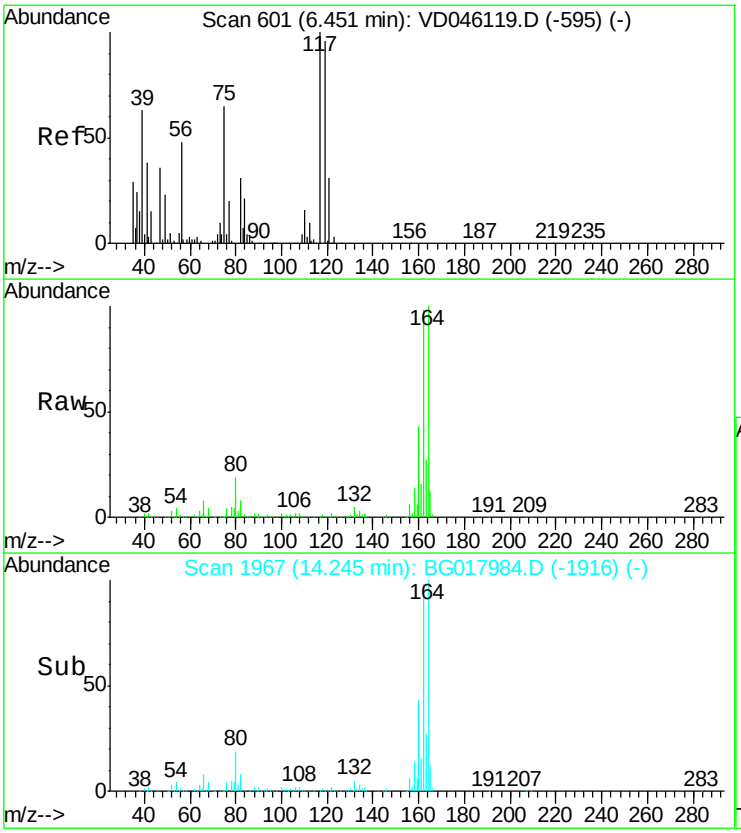
#23
Nitrobenzene-d5
Concen: Below ng
RT: 8.74 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG017984.D
Acq: 20 Jul 2015 12:18

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-6(0-2)

Tgt Ion: 82 Resp: 608321

Ion	Ratio	Lower	Upper
82	100		
128	52.0	37.8	56.6
54	44.3	39.9	59.9

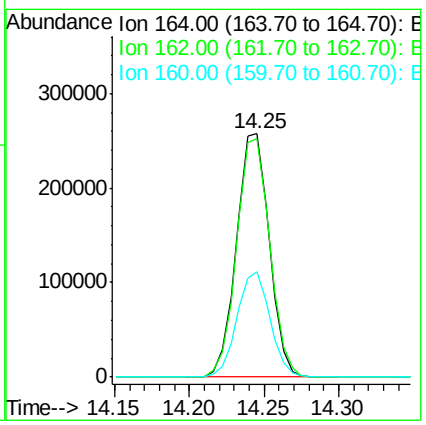


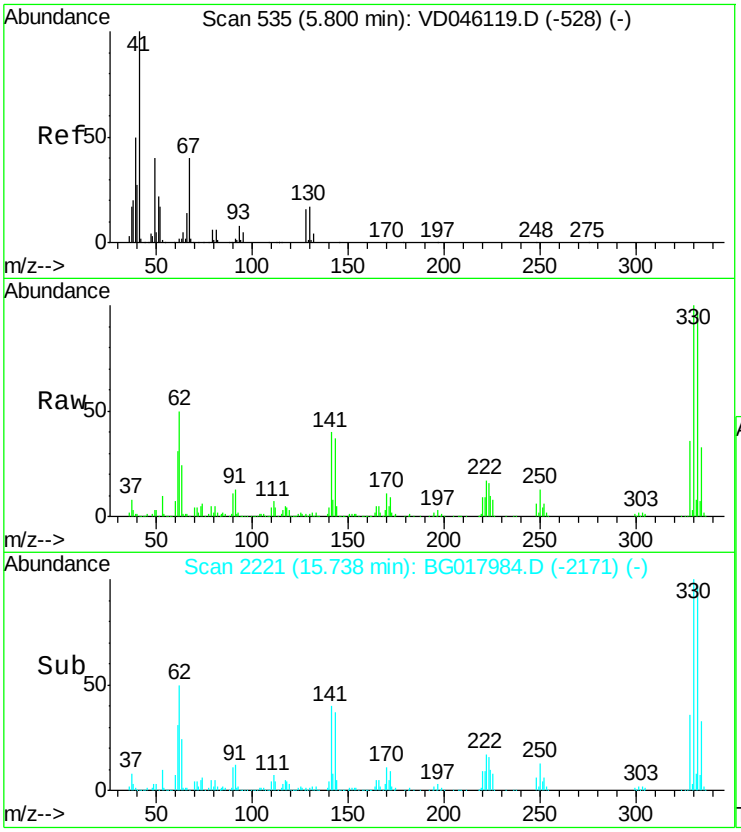


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.25 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BG017984.D
Acq: 20 Jul 2015 12:18

Tgt Ion:164 Resp: 391034

Ion	Ratio	Lower	Upper
164	100		
162	97.7	76.3	114.5
160	43.4	33.7	50.5



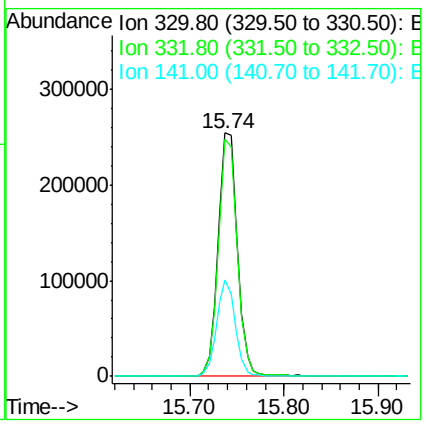


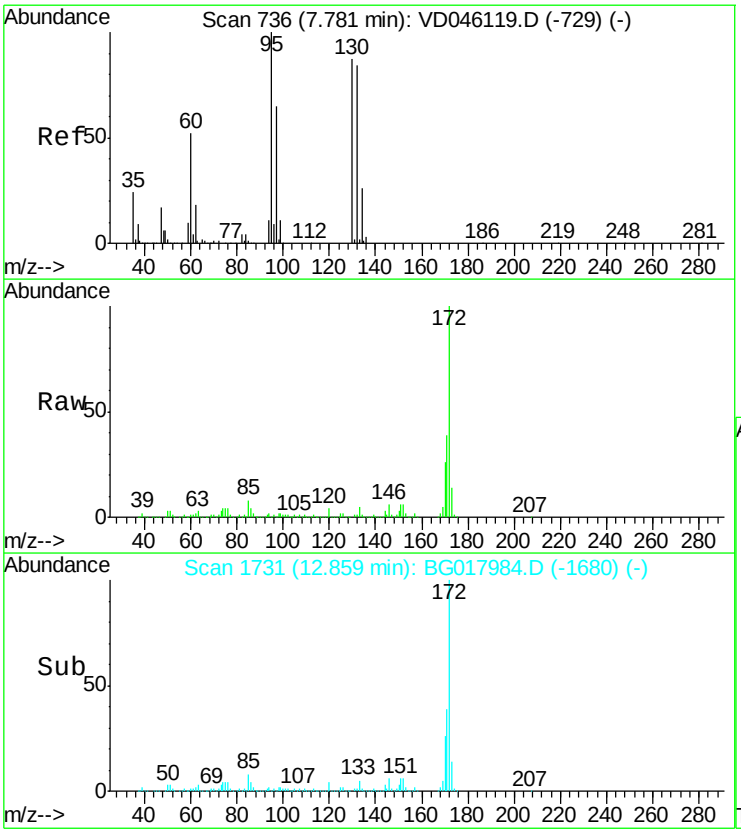
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 15.74 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG017984.D
Acq: 20 Jul 2015 12:18

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-6(0-2)

Tgt Ion:330 Resp: 366541

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.8	115.2
141	38.0	38.0	57.0

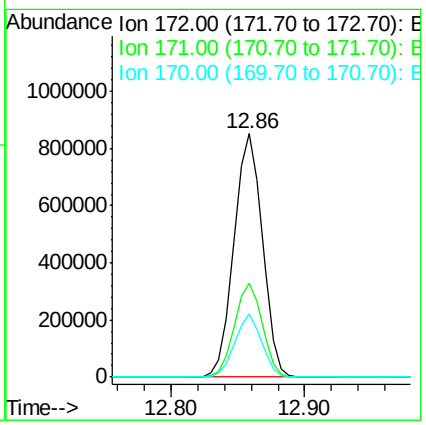


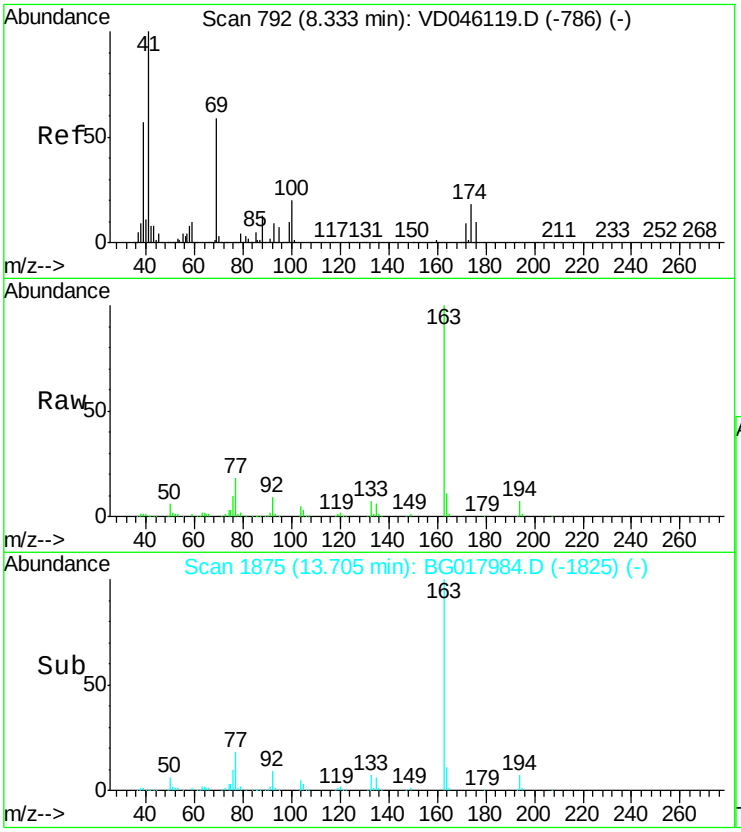


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 12.86 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG017984.D
Acq: 20 Jul 2015 12:18

Tgt Ion:172 Resp: 1258846

Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.7	46.1
170	25.8	19.7	29.5



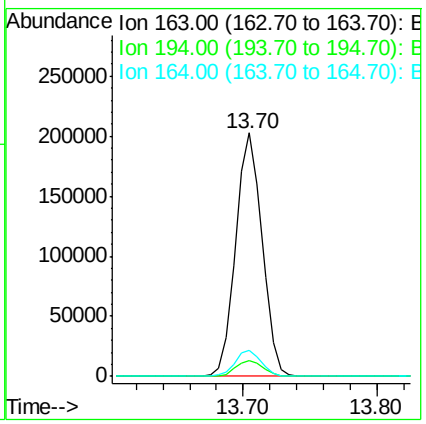


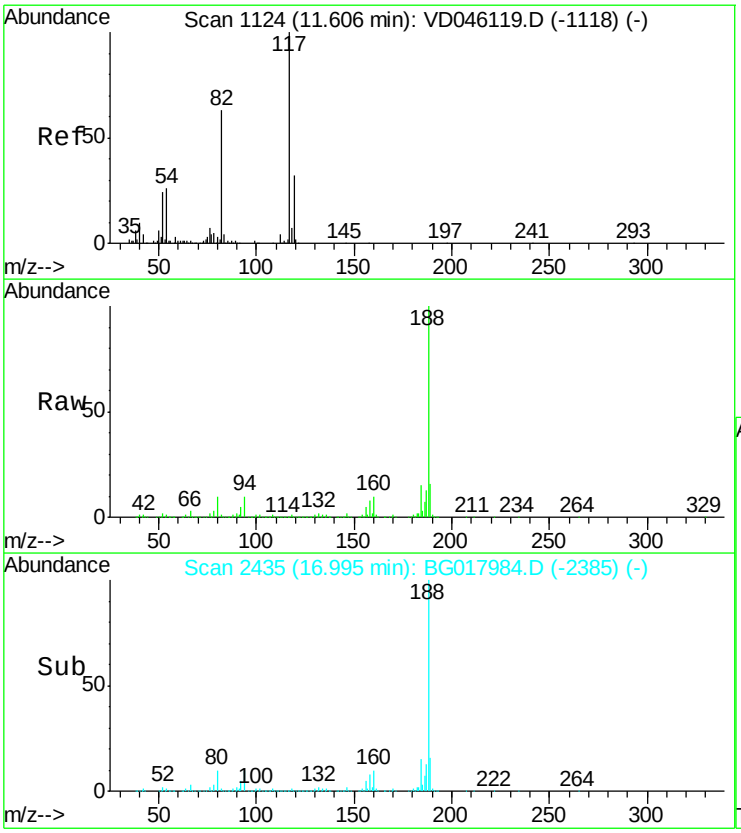
#49
Dimethylphthalate
Concen: 10.20 ng
RT: 13.70 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG017984.D
Acq: 20 Jul 2015 12:18

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-6(0-2)

Tgt Ion:163 Resp: 277103

Ion	Ratio	Lower	Upper
163	100		
194	6.6	5.8	8.6
164	10.7	8.3	12.5

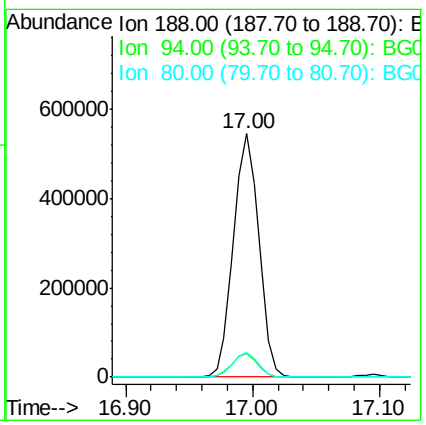


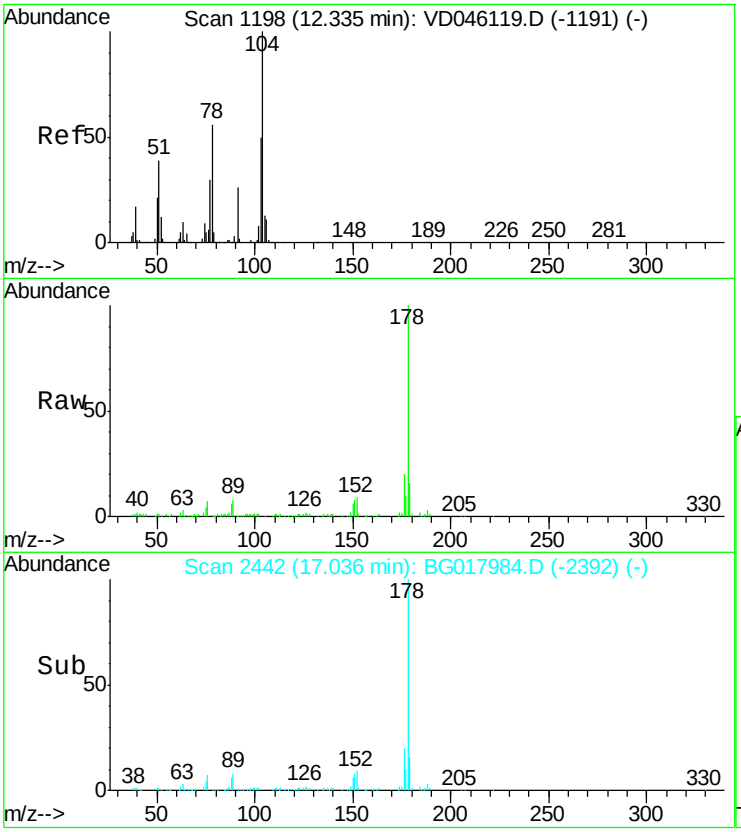


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.00 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG017984.D
Acq: 20 Jul 2015 12:18

Tgt Ion:188 Resp: 757733

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.2	12.2
80	10.3	8.2	12.4



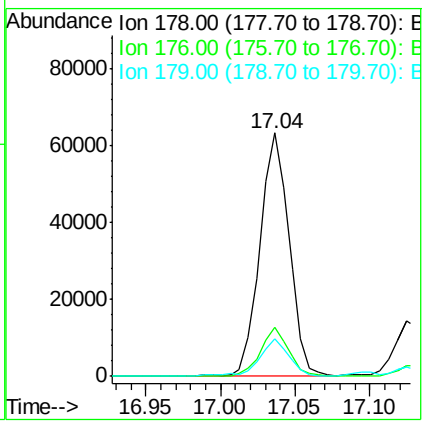


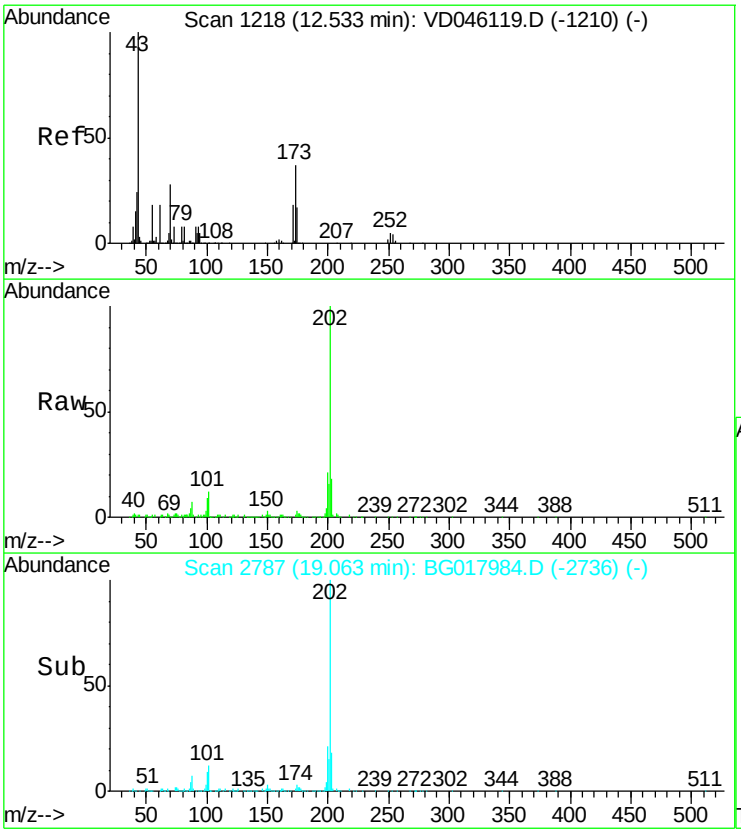
#70
Phenanthrene
Concen: 2.19 ng
RT: 17.04 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG017984.D
Acq: 20 Jul 2015 12:18

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-6(0-2)

Tgt Ion:178 Resp: 85735

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.5	24.7
179	15.5	13.5	20.3

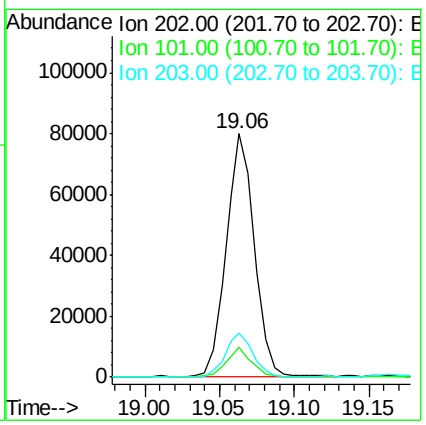


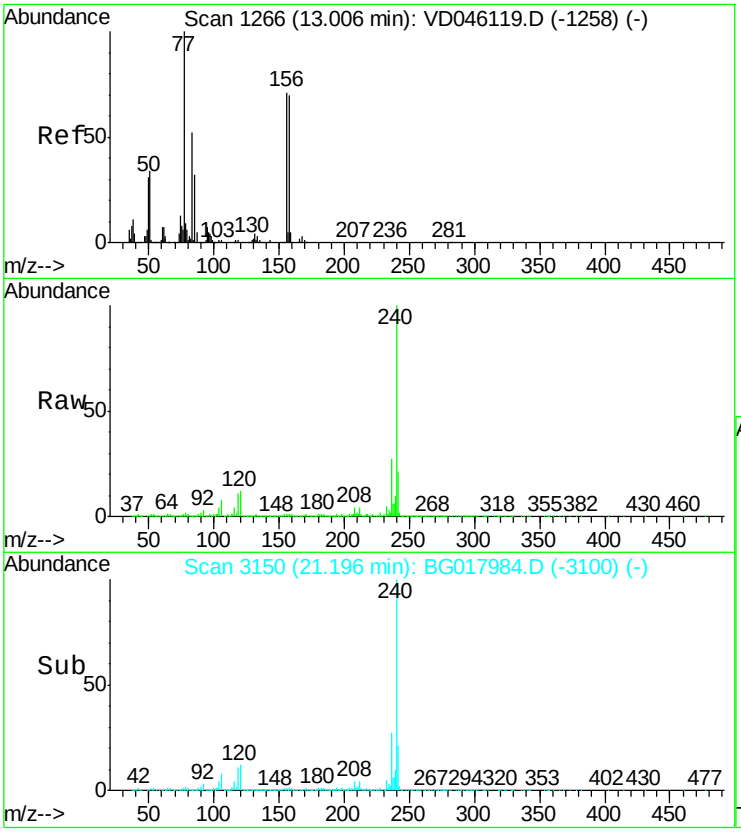


#74
Fluoranthene
Concen: 2.45 ng
RT: 19.06 min Scan# 2787
Delta R.T. 0.00 min
Lab File: BG017984.D
Acq: 20 Jul 2015 12:18

Tgt Ion:202 Resp: 104794

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	33.3
203	18.0	0.0	39.5



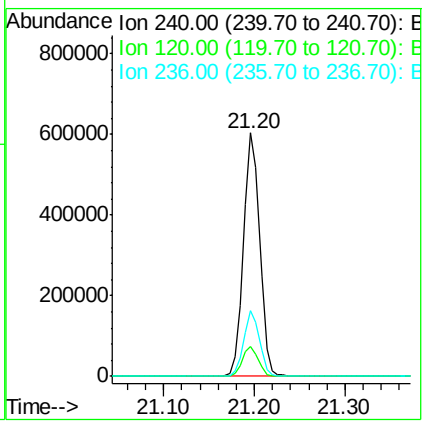


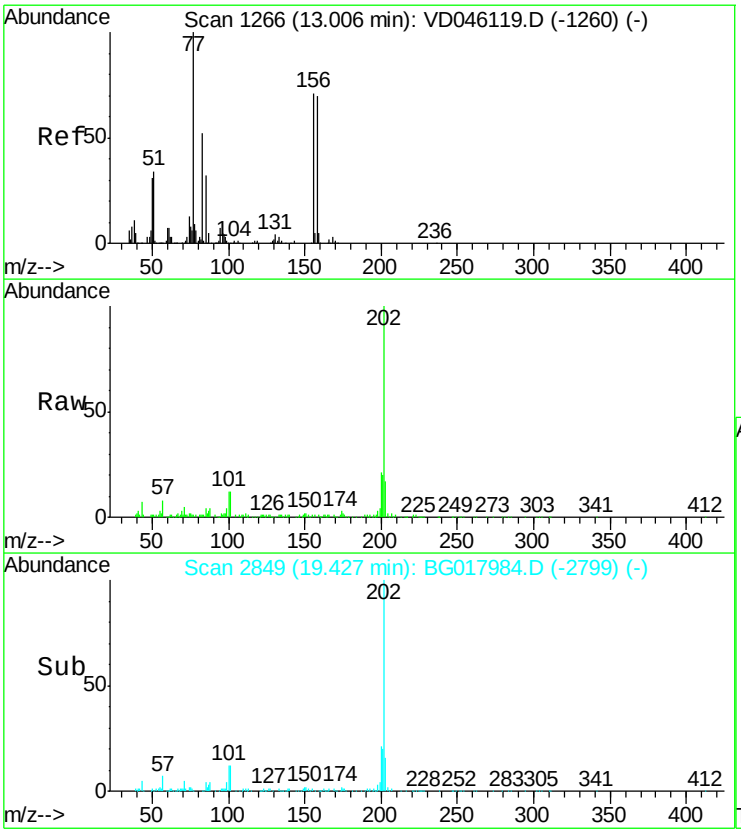
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.20 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG017984.D
Acq: 20 Jul 2015 12:18

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-6(0-2)

Tgt Ion:240 Resp: 752662

Ion	Ratio	Lower	Upper
240	100		
120	12.3	10.8	16.2
236	27.2	20.0	30.0

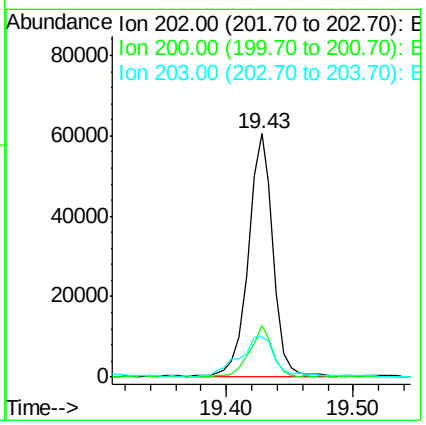


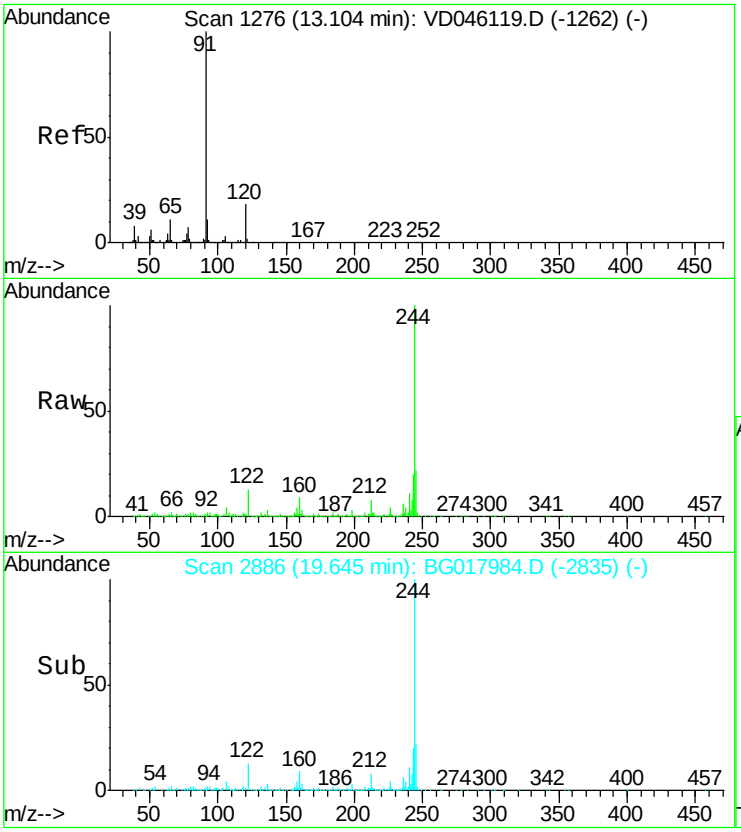


#77
Pyrene
Concen: 1.93 ng
RT: 19.43 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG017984.D
Acq: 20 Jul 2015 12:18

Tgt Ion:202 Resp: 81167

Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.8	28.2
203	16.5	15.9	23.9



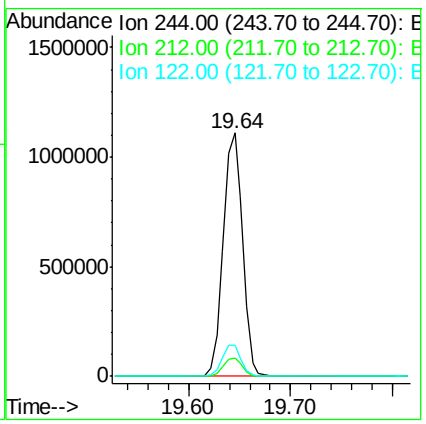


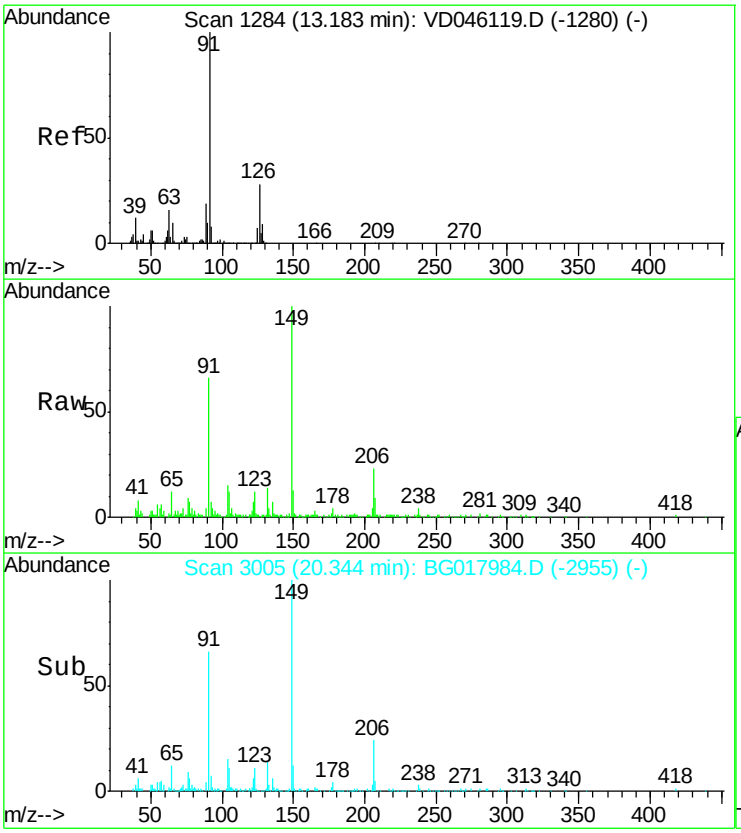
#78
Terphenyl-d14
Concen: 1.93 ng
RT: 19.64 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BG017984.D
Acq: 20 Jul 2015 12:18

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-6(0-2)

Tgt Ion:244 Resp: 1469657

Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.2	10.8
122	13.0	12.8	19.2

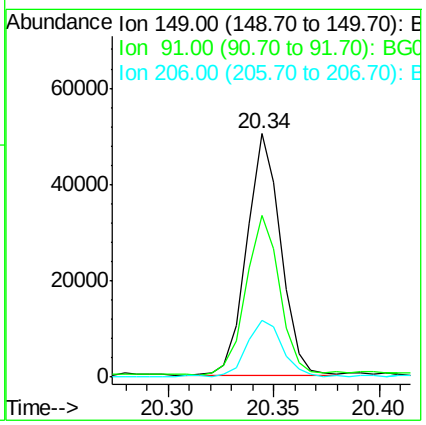


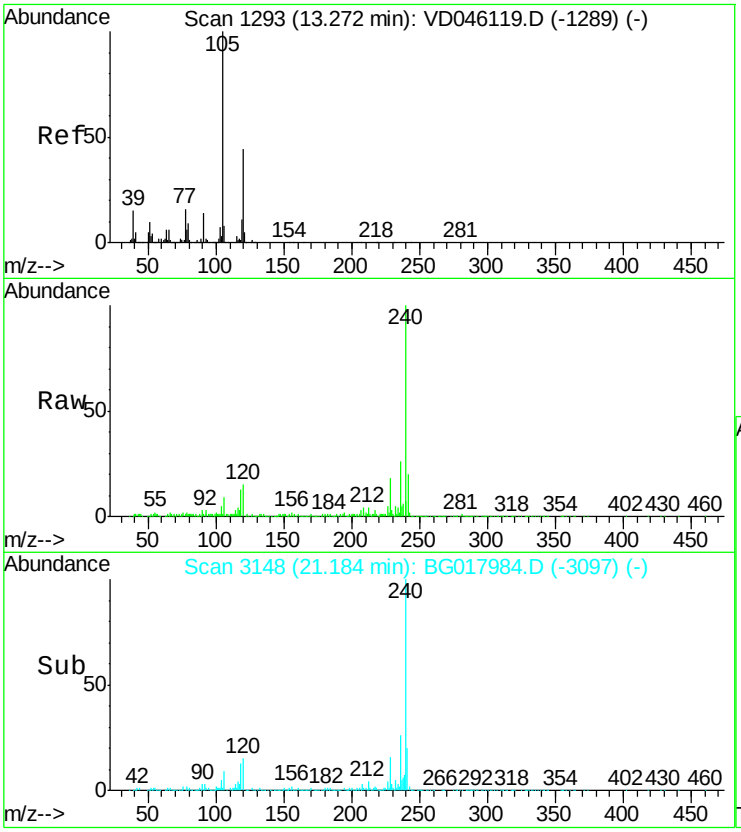


#79
Butylbenzylphthalate
Concen: 2.99 ng
RT: 20.34 min Scan# 3005
Delta R.T. -0.01 min
Lab File: BG017984.D
Acq: 20 Jul 2015 12:18

Tgt Ion:149 Resp: 56214

Ion	Ratio	Lower	Upper
149	100		
91	66.4	59.5	89.3
206	23.5	18.5	27.7



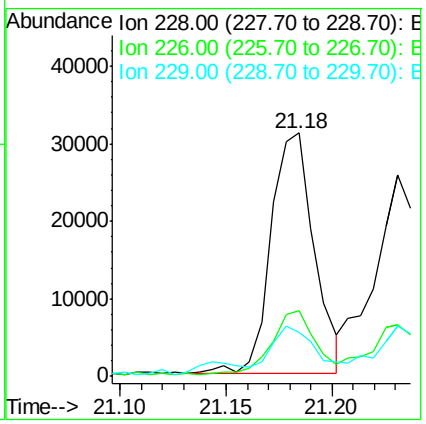


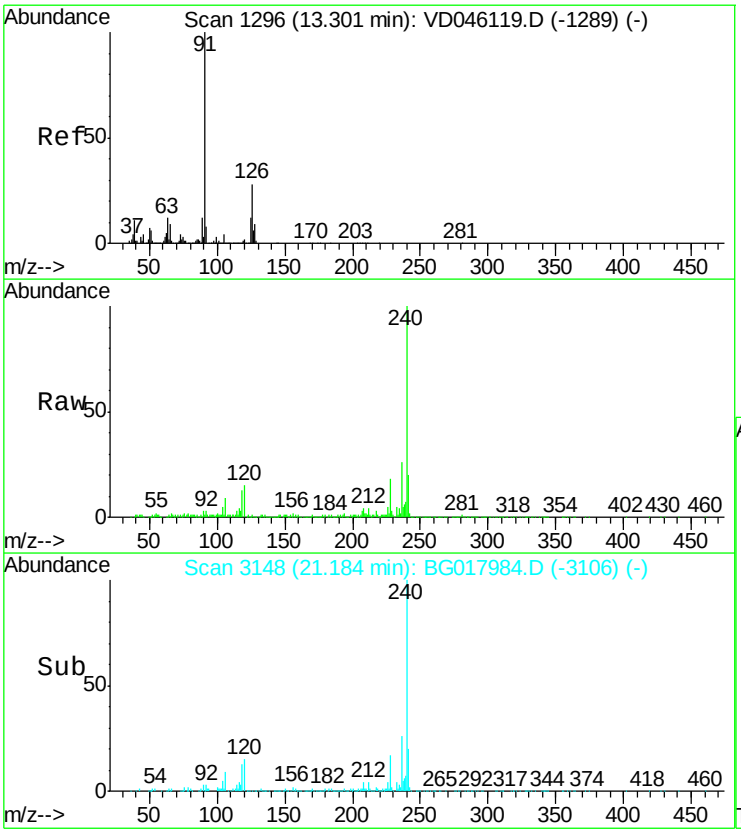
#80
Benzo(a)anthracene
Concen: 1.12 ng
RT: 21.18 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG017984.D
Acq: 20 Jul 2015 12:18

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-6(0-2)

Tgt Ion:228 Resp: 44348

Ion	Ratio	Lower	Upper
228	100		
226	27.1	23.1	34.7
229	17.9	17.4	26.0

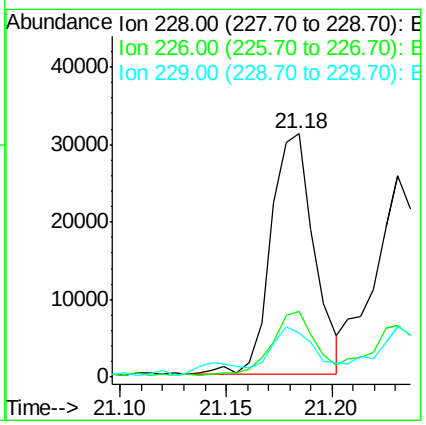


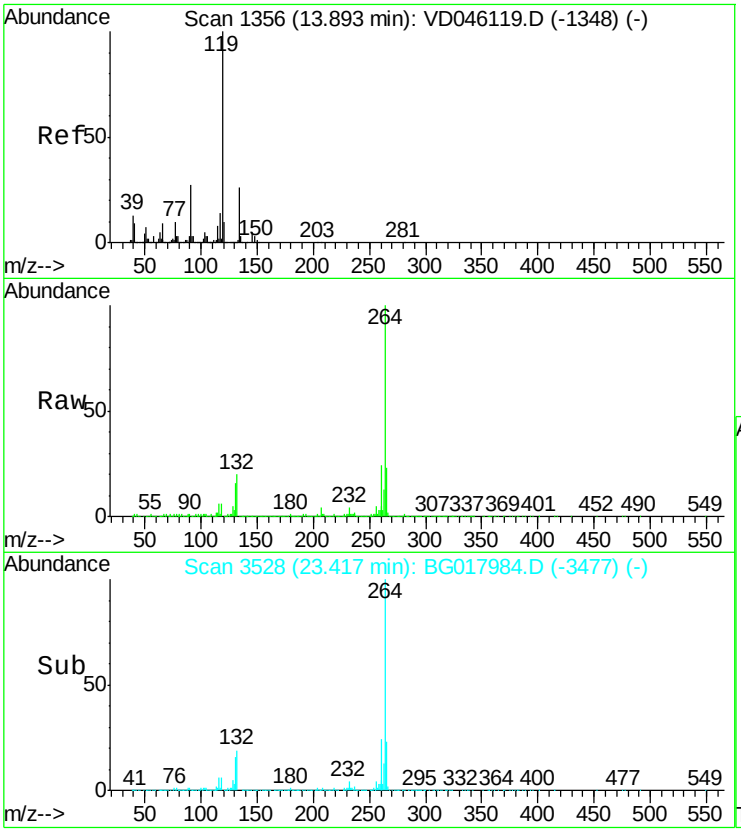


#82
Chrysene
Concen: 1.17 ng
RT: 21.18 min Scan# 3148
Delta R.T. -0.05 min
Lab File: BG017984.D
Acq: 20 Jul 2015 12:18

Tgt Ion:228 Resp: 44348

Ion	Ratio	Lower	Upper
228	100		
226	27.1	26.1	39.1
229	17.9	17.7	26.5



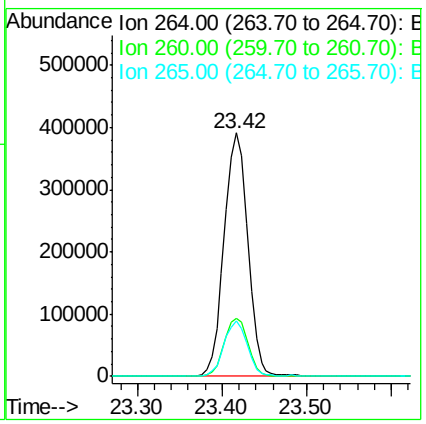


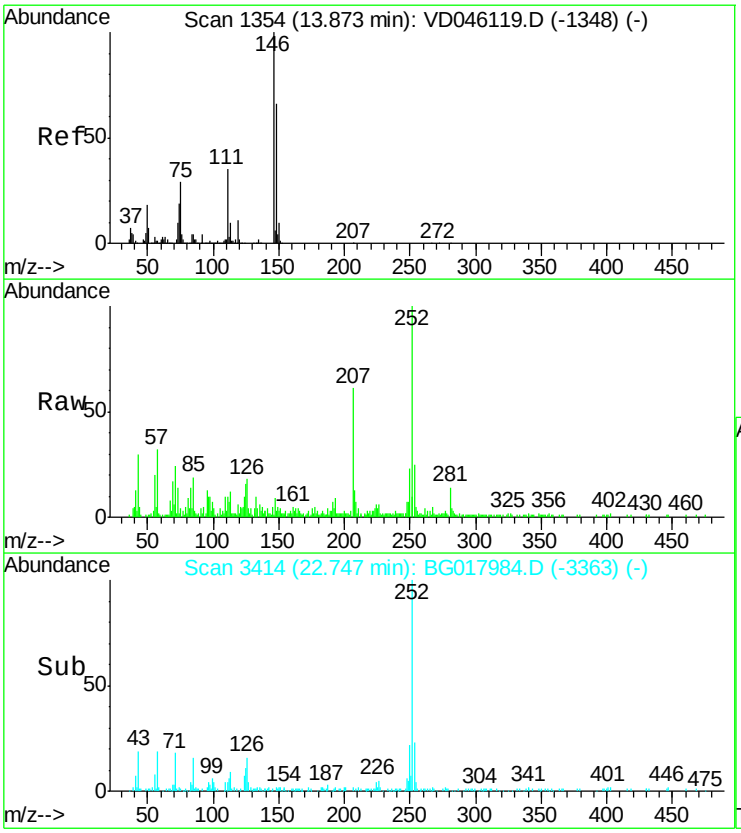
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.42 min Scan# 3528
Delta R.T. 0.00 min
Lab File: BG017984.D
Acq: 20 Jul 2015 12:18

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-6(0-2)

Tgt Ion:264 Resp: 756859

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	22.7	18.2	27.2

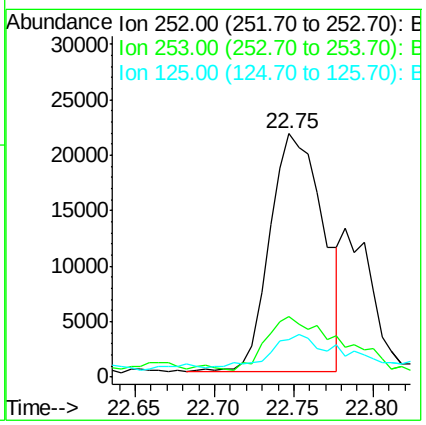


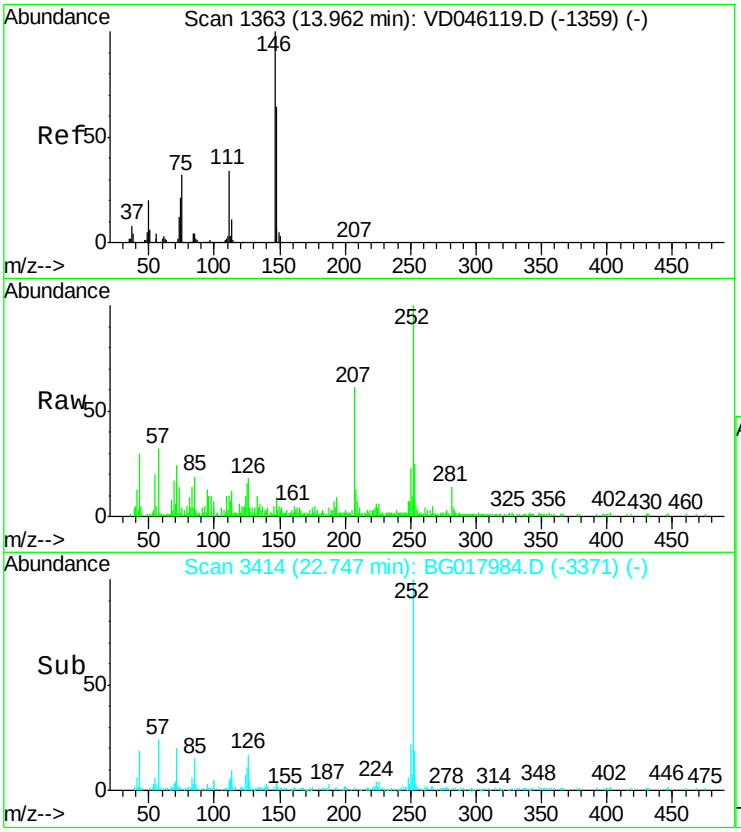


#87
Benzo(b)fluoranthene
Concen: 1.22 ng
RT: 22.75 min Scan# 3414
Delta R.T. 0.00 min
Lab File: BG017984.D
Acq: 20 Jul 2015 12:18

Tgt Ion:252 Resp: 50468

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.7	29.5
125	15.5	10.6	15.8





#88
Benzo(k)fluoranthene
Concen: 1.22 ng
RT: 22.75 min Scan# 3414
Delta R.T. -0.05 min
Lab File: BG017984.D
Acq: 20 Jul 2015 12:18

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-6(0-2)

Tgt Ion:252 Resp: 50468

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.0	28.6
125	15.5	10.3	15.5#