Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022974.D
Acq On : 9 Jul 2016 20:49
Operator : UM/SJ
Sample : H3934-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C2.3-03

Quant Time: Jul 11 02:29:27 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	86887	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	417836	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	343433	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	805613	20.00	ng	0.00
75) Chrysene-d12	21.84	240	900673	20.00	ng	0.00
86) Perylene-d12	25.20	264	902112	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	733599	138.09	ng	0.00
7) Phenol-d6	7.31	99	1198792	144.07	ng	0.00
23) Nitrobenzene-d5	9.32	82	842199	86.31	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	697794	113.05	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1724367	79.09	ng	0.00
78) Terphenyl-d14	20.15	244	2390110	83.67	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.24	163	369688	13.18	ng	# 98

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

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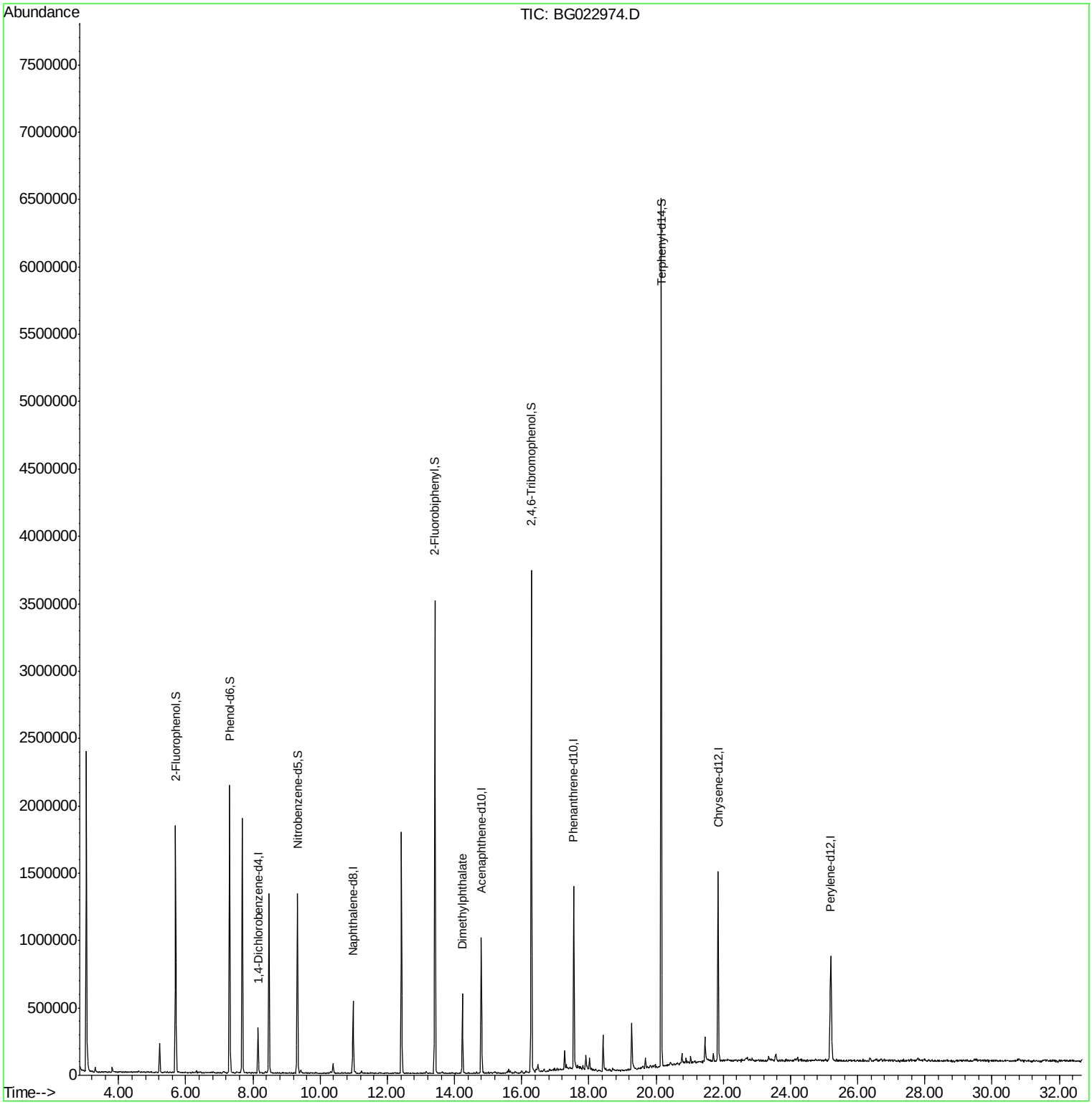
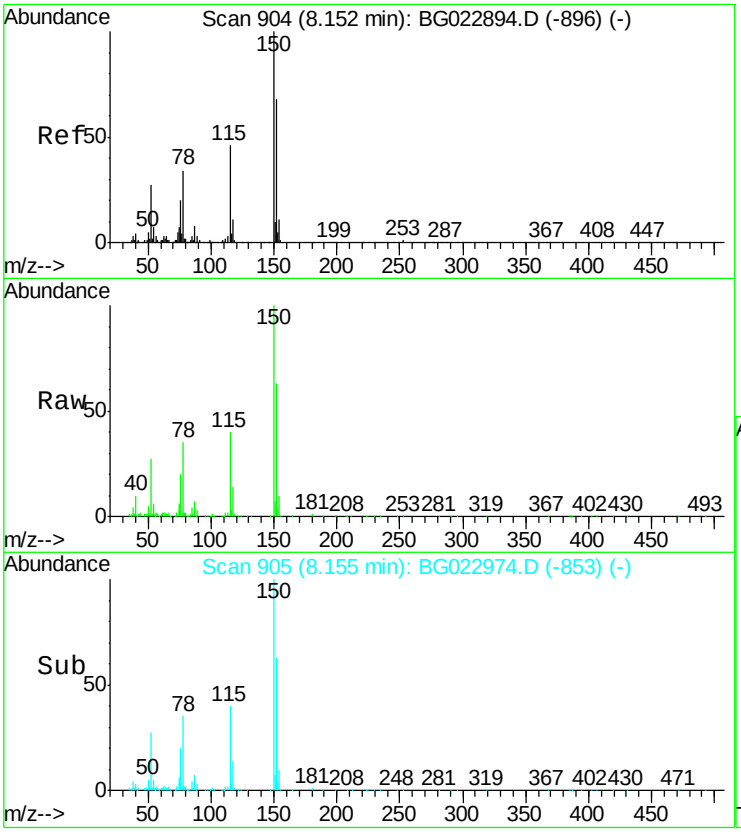


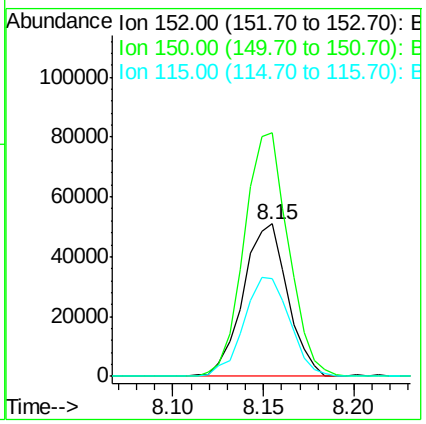


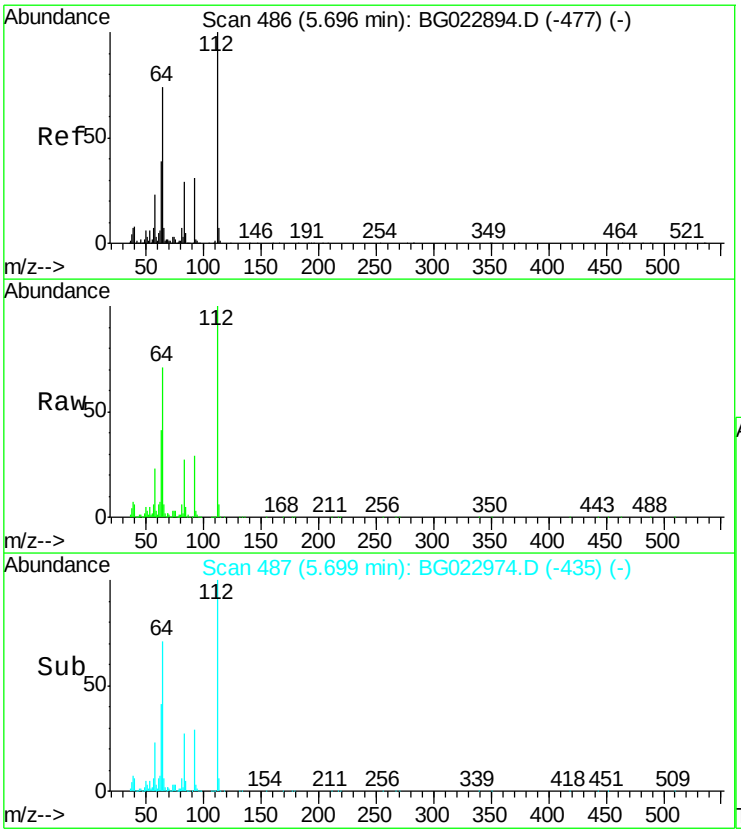
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG022974.D
Acq: 9 Jul 2016 20:49

Instrument :
BNA_G
ClientSampleId :
C2.3-03

Tgt Ion:152 Resp: 86887

Ion	Ratio	Lower	Upper
152	100		
150	159.6	144.7	217.1
115	63.8	64.0	96.0#

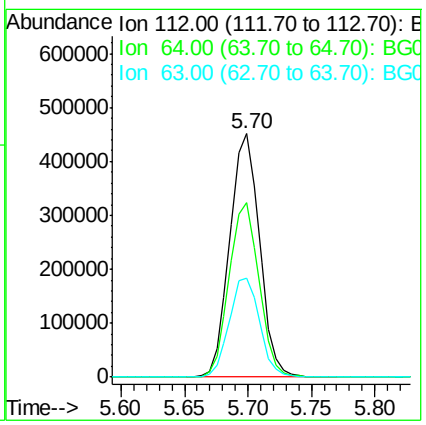


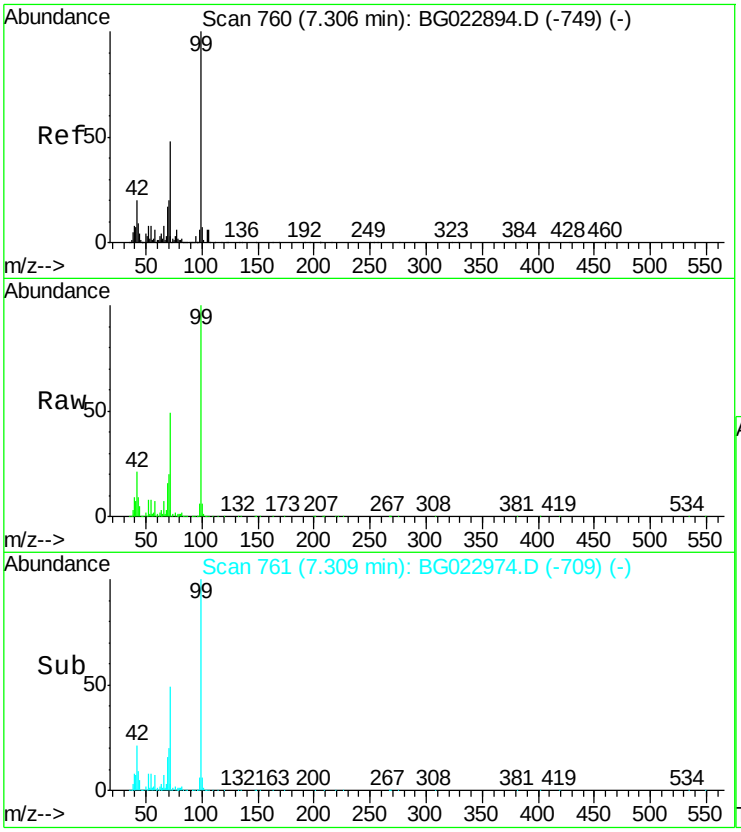


#5
2-Fluorophenol
Concen: 138.09 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG022974.D
Acq: 9 Jul 2016 20:49

Tgt Ion:112 Resp: 733599

Ion	Ratio	Lower	Upper
112	100		
64	71.5	59.0	88.4
63	40.8	37.8	56.8



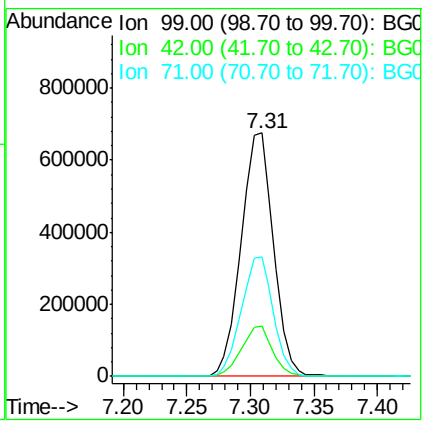


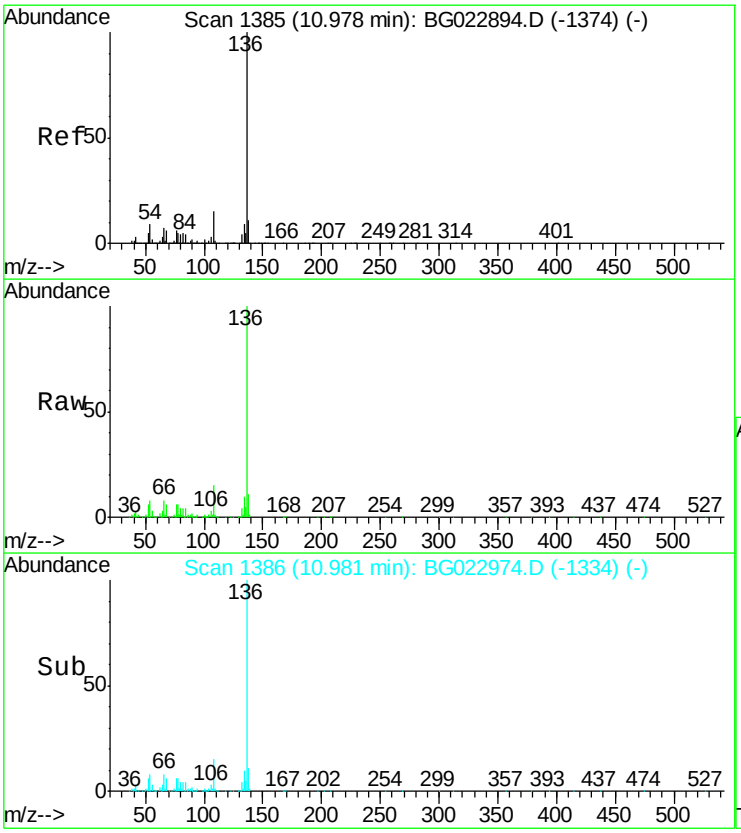
#7
Phenol-d6
Concen: 144.07 ng
RT: 7.31 min Scan# 761
Delta R.T. 0.00 min
Lab File: BG022974.D
Acq: 9 Jul 2016 20:49

Instrument :
BNA_G
ClientSampleId :
C2.3-03

Tgt Ion: 99 Resp: 1198792

Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.8	26.6
71	48.9	41.5	62.3

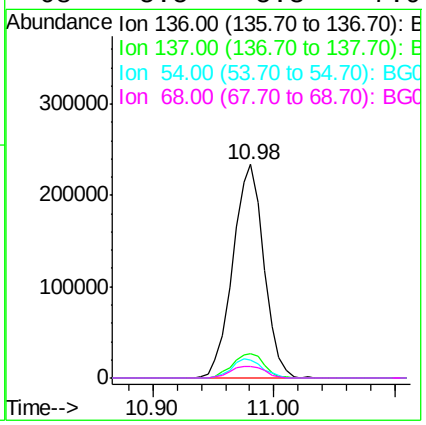


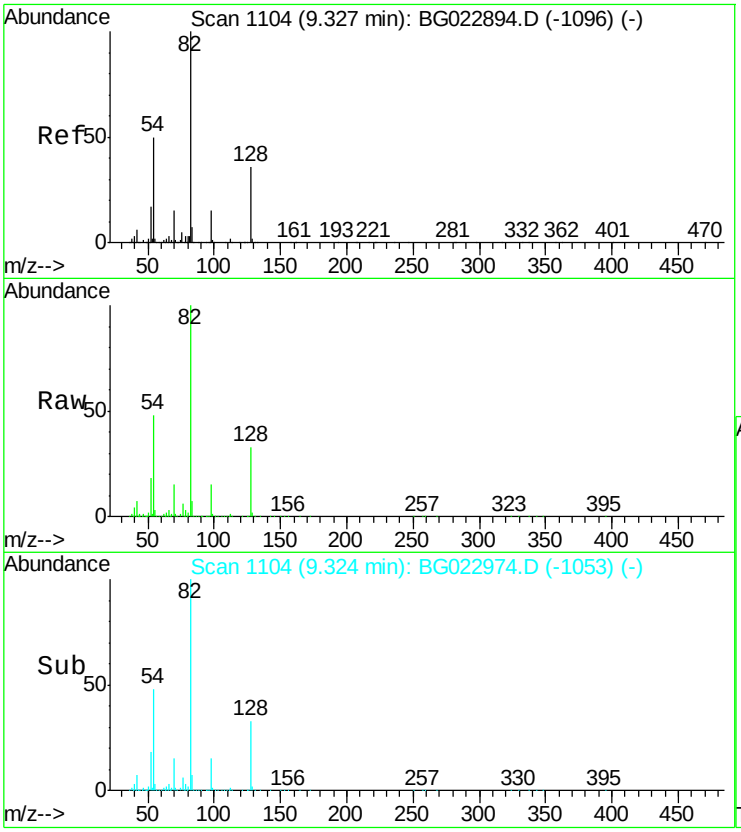


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG022974.D
Acq: 9 Jul 2016 20:49

Tgt Ion:136 Resp: 417836

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	8.3	7.3	10.9
68	5.5	5.3	7.9



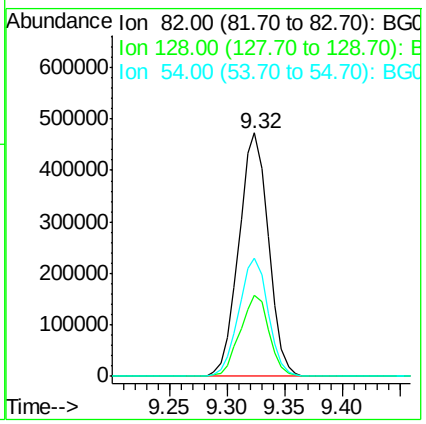


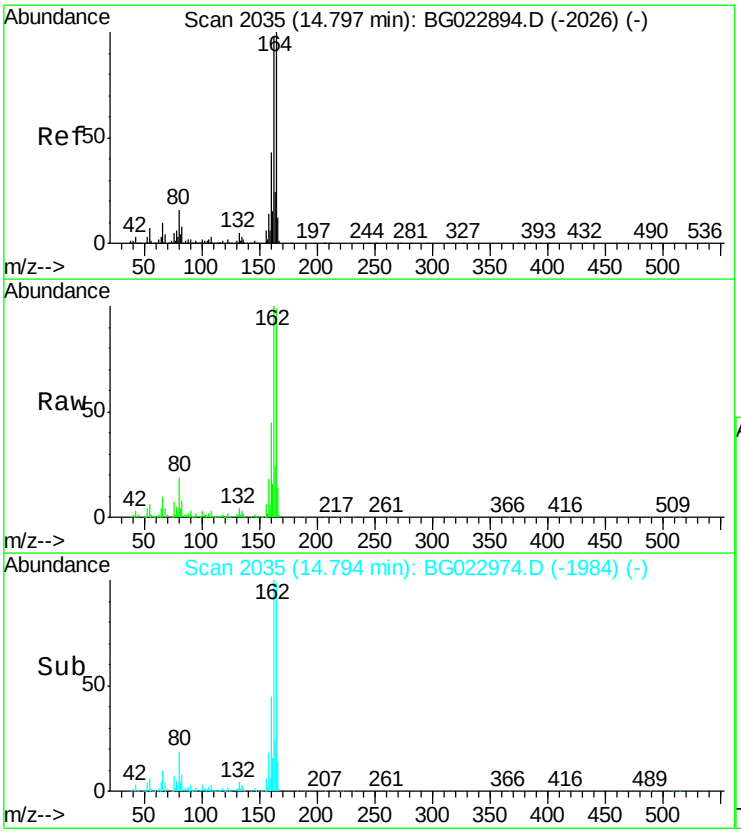
#23
Nitrobenzene-d5
Concen: 86.31 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG022974.D
Acq: 9 Jul 2016 20:49

Instrument :
BNA_G
ClientSampleId :
C2.3-03

Tgt Ion: 82 Resp: 842199

Ion	Ratio	Lower	Upper
82	100		
128	33.0	24.4	36.6
54	48.5	41.4	62.0

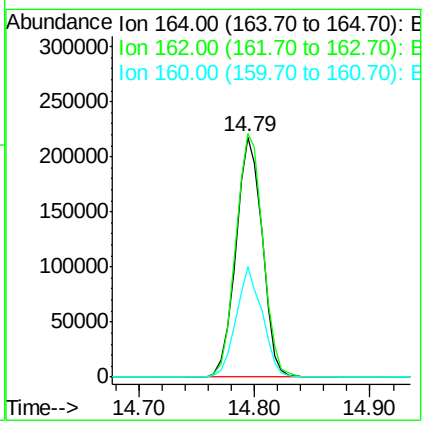


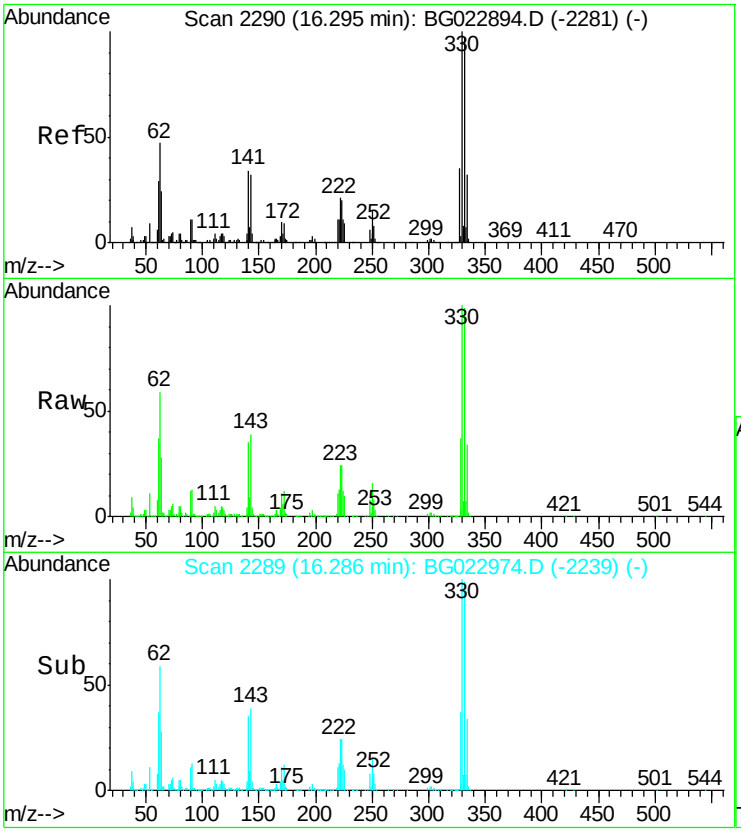


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG022974.D
Acq: 9 Jul 2016 20:49

Tgt Ion:164 Resp: 343433

Ion	Ratio	Lower	Upper
164	100		
162	101.3	87.7	131.5
160	45.9	37.2	55.8



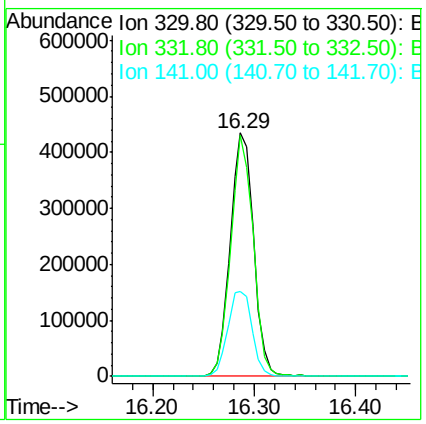


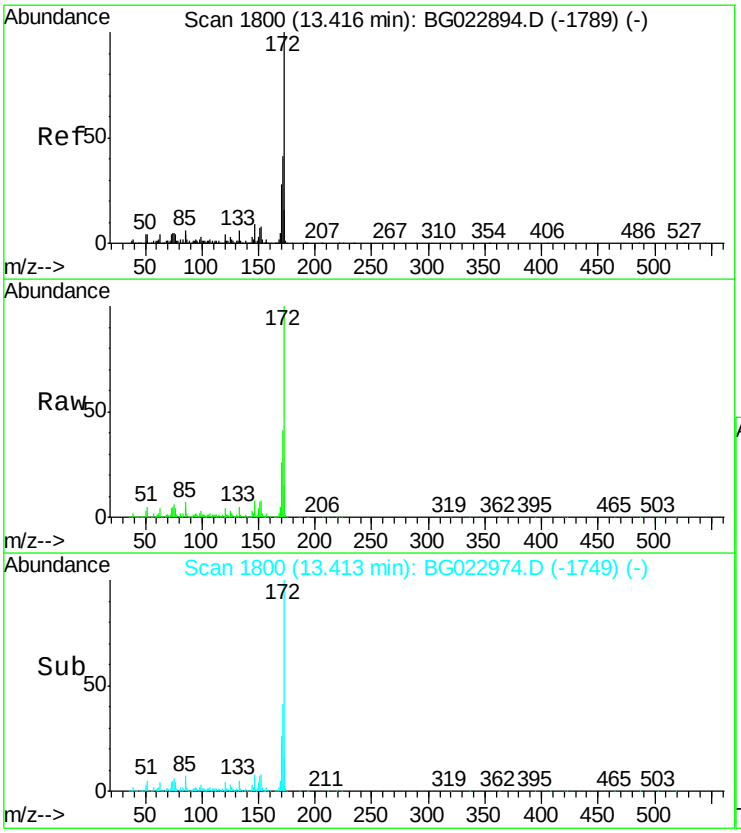
#41
2,4,6-Tribromophenol
Concen: 113.05 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BG022974.D
Acq: 9 Jul 2016 20:49

Instrument :
BNA_G
ClientSampleId :
C2.3-03

Tgt Ion:330 Resp: 697794

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.4	116.2
141	36.4	31.7	47.5

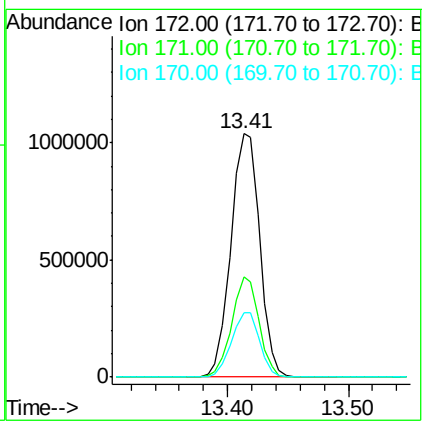


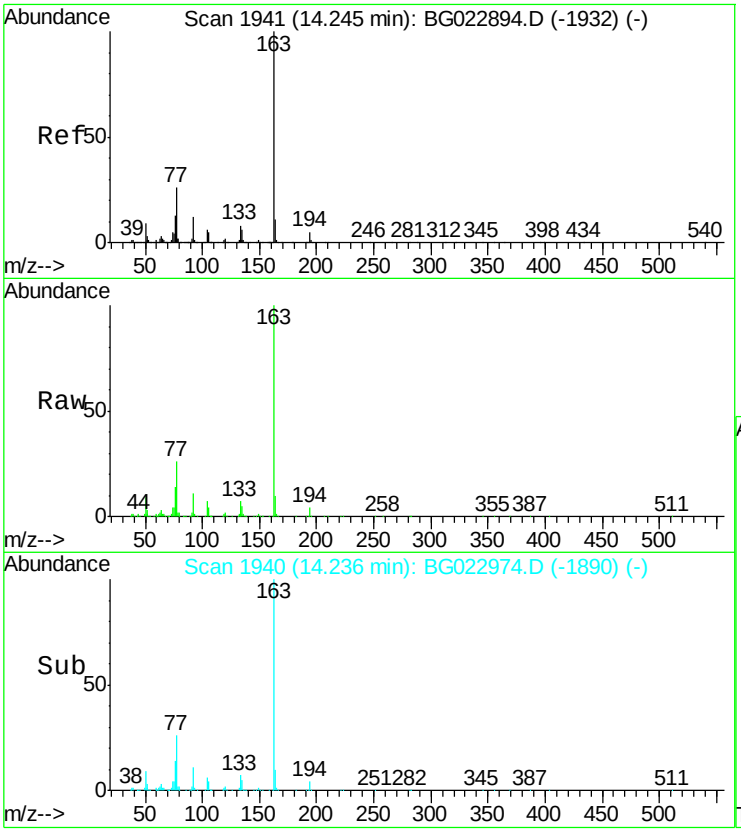


#44
2-Fluorobiphenyl
Concen: 79.09 ng
RT: 13.41 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG022974.D
Acq: 9 Jul 2016 20:49

Tgt Ion:172 Resp: 1724367

Ion	Ratio	Lower	Upper
172	100		
171	41.0	31.6	47.4
170	26.4	21.3	31.9



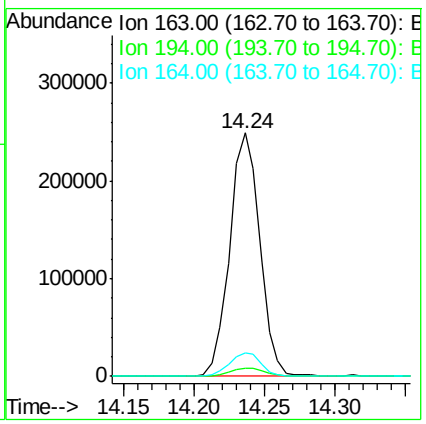


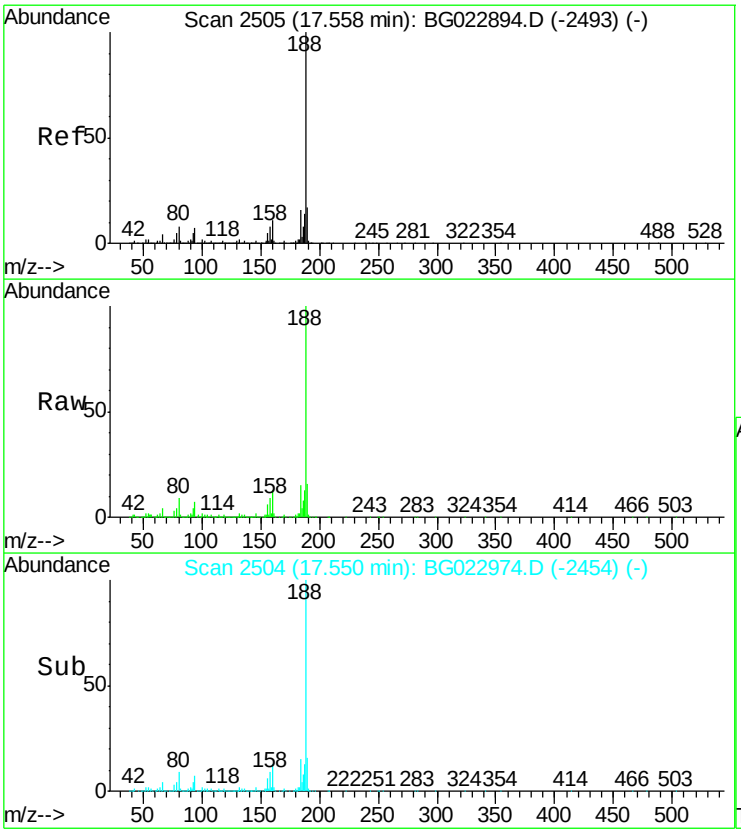
#49
Dimethylphthalate
Concen: 13.18 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022974.D
Acq: 9 Jul 2016 20:49

Instrument :
BNA_G
ClientSampleId :
C2.3-03

Tgt Ion:163 Resp: 369688

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.6	5.4#
164	9.7	8.1	12.1

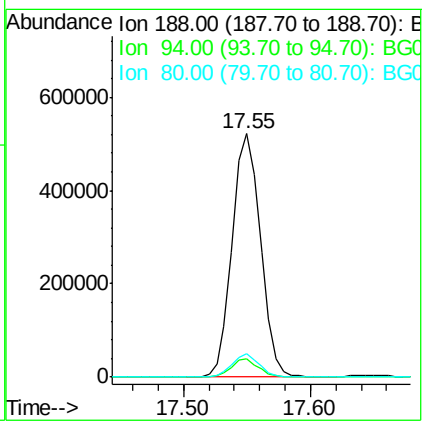


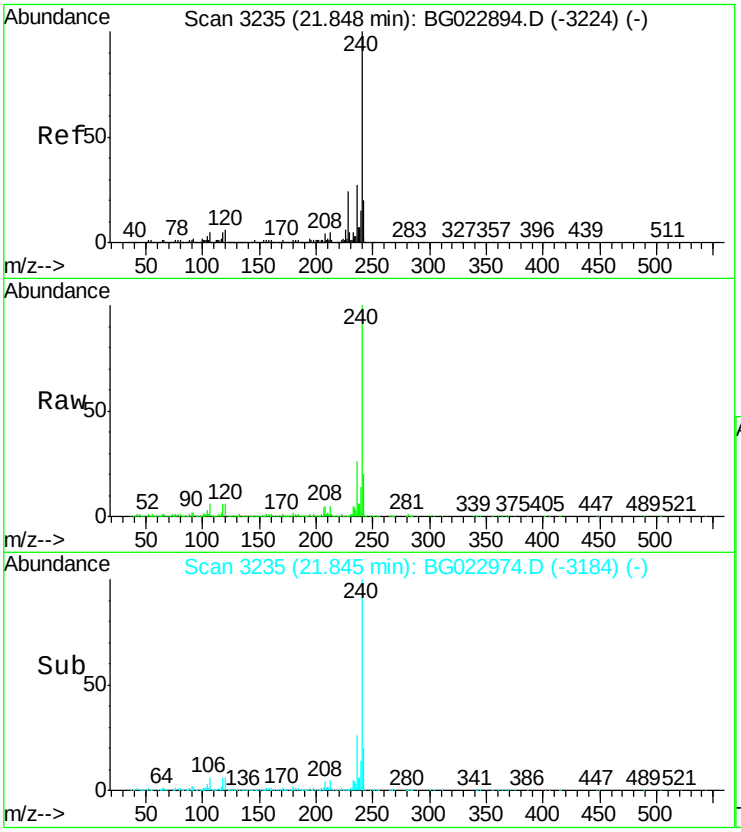


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG022974.D
Acq: 9 Jul 2016 20:49

Tgt Ion:188 Resp: 805613

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.2	7.8
80	9.5	7.2	10.8



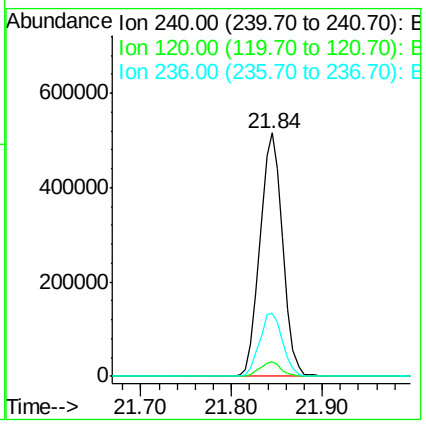


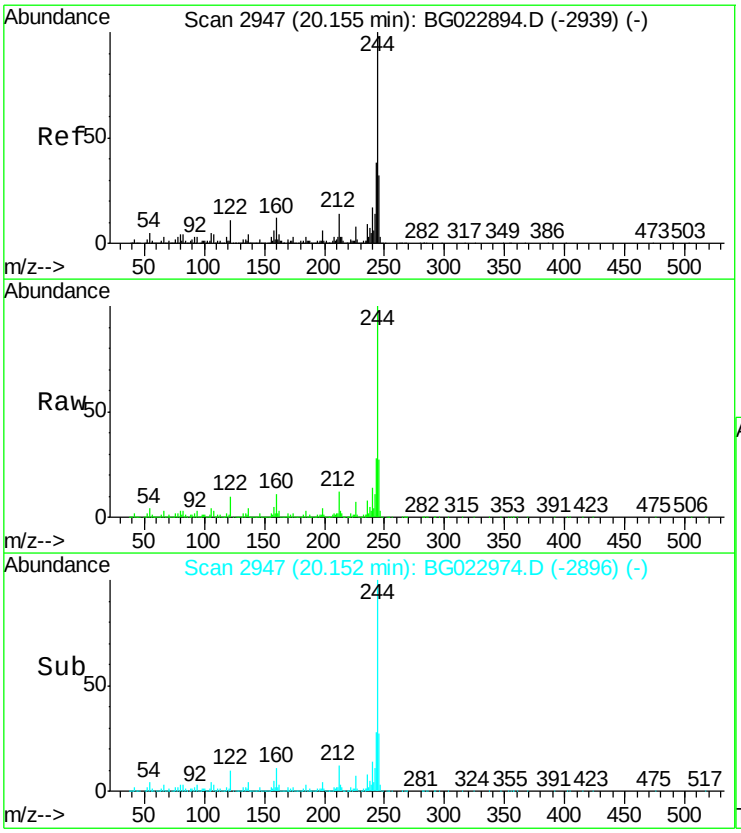
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022974.D
Acq: 9 Jul 2016 20:49

Instrument :
BNA_G
ClientSampleId :
C2.3-03

Tgt Ion:240 Resp: 900673

Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.1	6.1
236	26.1	21.1	31.7

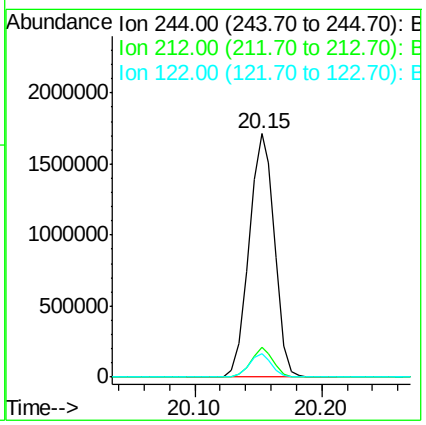


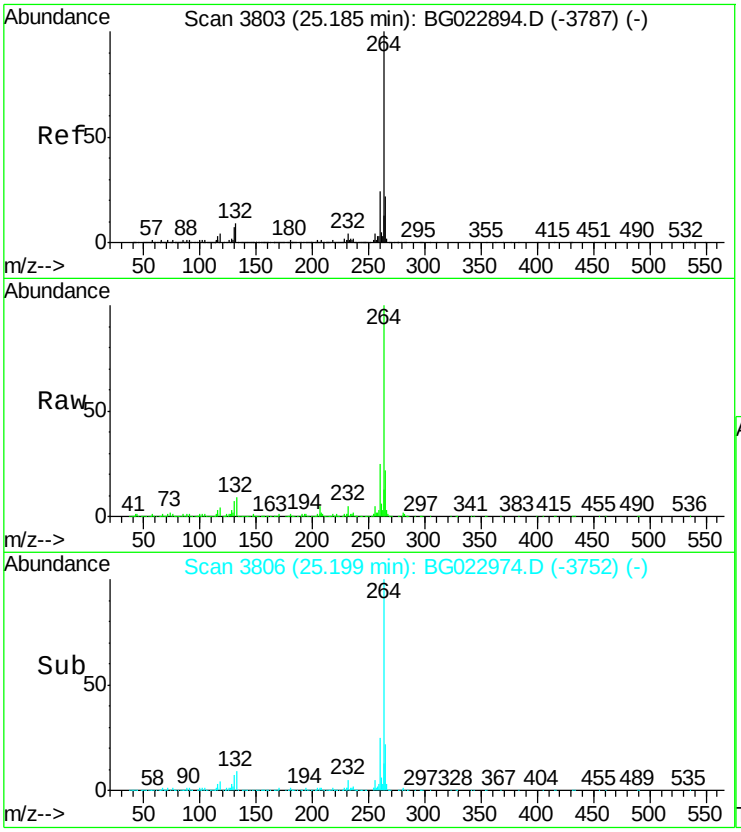


#78
Terphenyl-d14
Concen: 83.67 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG022974.D
Acq: 9 Jul 2016 20:49

Tgt Ion:244 Resp: 2390110

Ion	Ratio	Lower	Upper
244	100		
212	12.1	10.8	16.2
122	9.9	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.20 min Scan# 3806
Delta R.T. 0.01 min
Lab File: BG022974.D
Acq: 9 Jul 2016 20:49

Instrument :
BNA_G
ClientSampleId :
C2.3-03

Tgt Ion:264 Resp: 902112

Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.4	27.6
265	22.3	18.9	28.3