Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020870.D
Acq On : 12 Feb 2016 00:02
Operator : SJ/UM
Sample : G4825-05
Misc : LOD 8PPM
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-WATER2016-01

Quant Time: Feb 12 05:20:16 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	19976	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	98449	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	63772	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	137395	20.00	ng	0.00
75) Chrysene-d12	21.90	240	129678	20.00	ng	0.00
86) Perylene-d12	25.28	264	120560	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	140184	118.18	ng	0.00
7) Phenol-d6	7.41	99	192969	111.30	ng	0.00
23) Nitrobenzene-d5	9.44	82	105043	70.15	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	73811	117.70	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	298903	65.84	ng	0.00
78) Terphenyl-d14	20.20	244	418373	75.26	ng	0.00
Target Compounds						Qvalue
53) 2,4-Dinitrophenol	14.97	184	701	9.80	ng	# 50

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020870.D
Acq On : 12 Feb 2016 00:02
Operator : SJ/UM
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BNA_G
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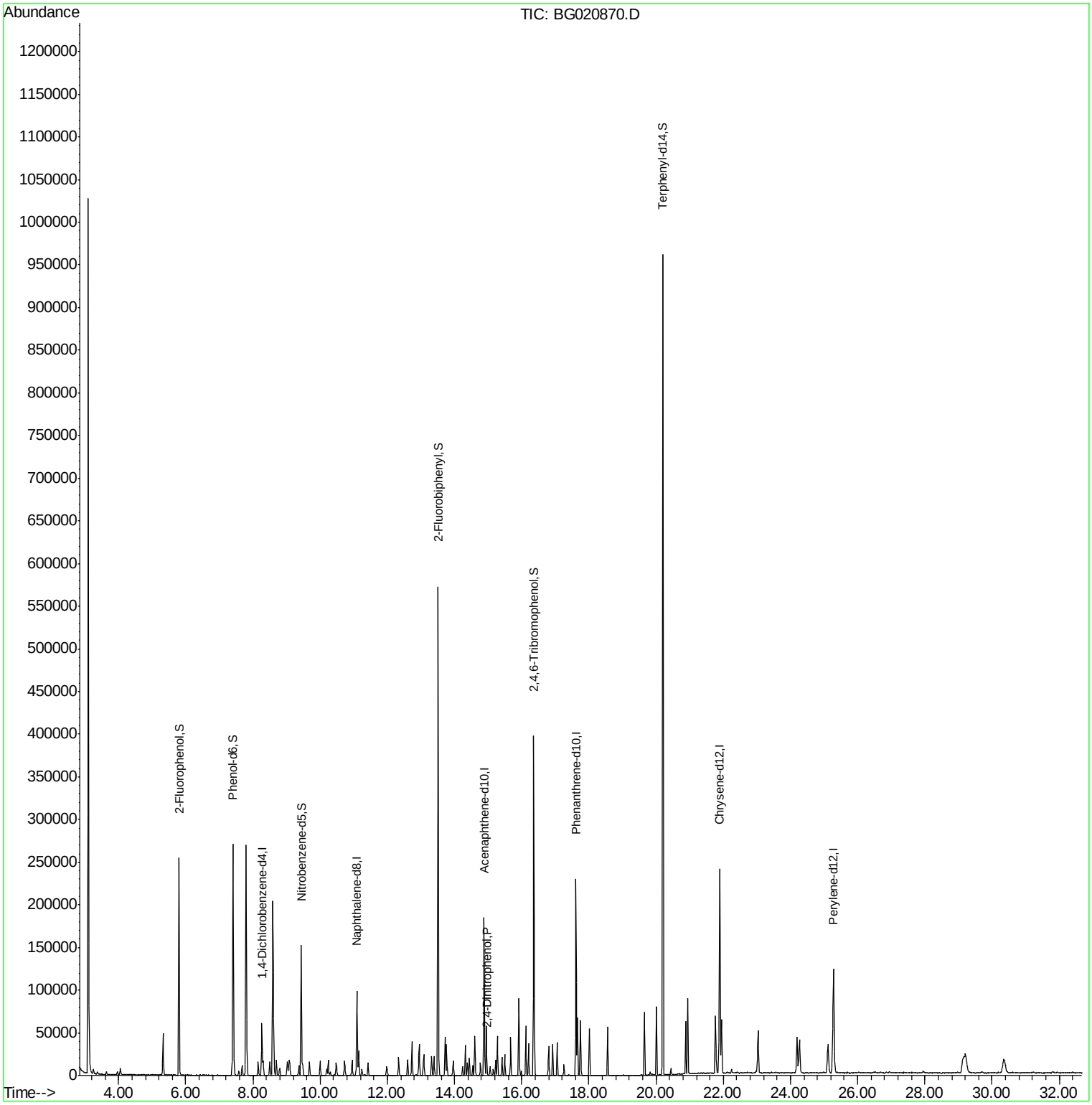
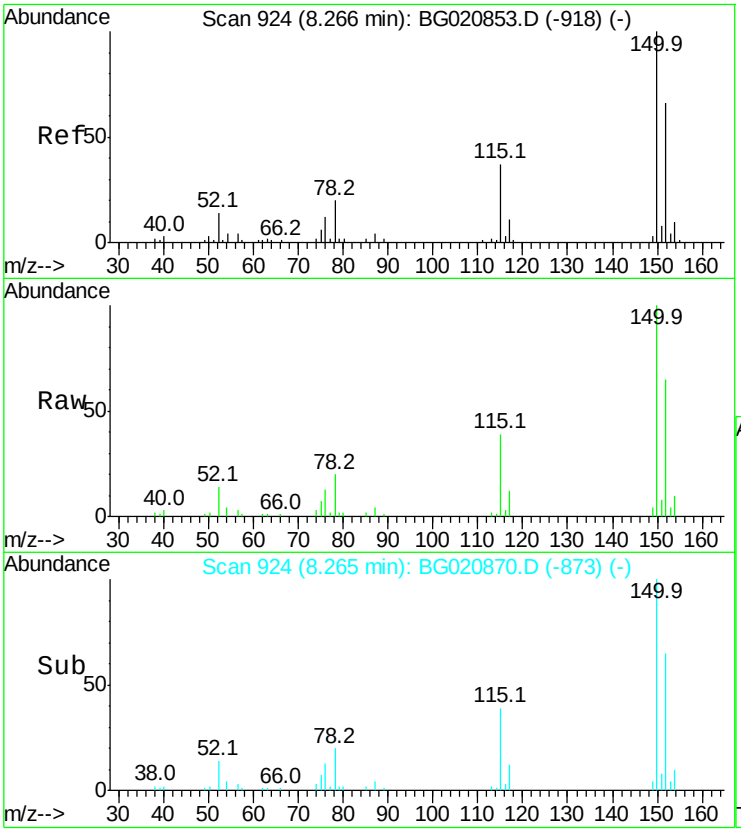
Quant Time: Feb 12 05:20:16 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration



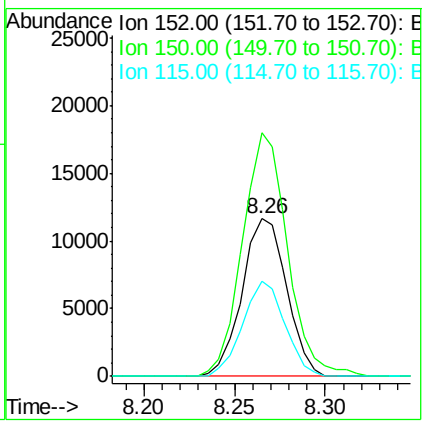


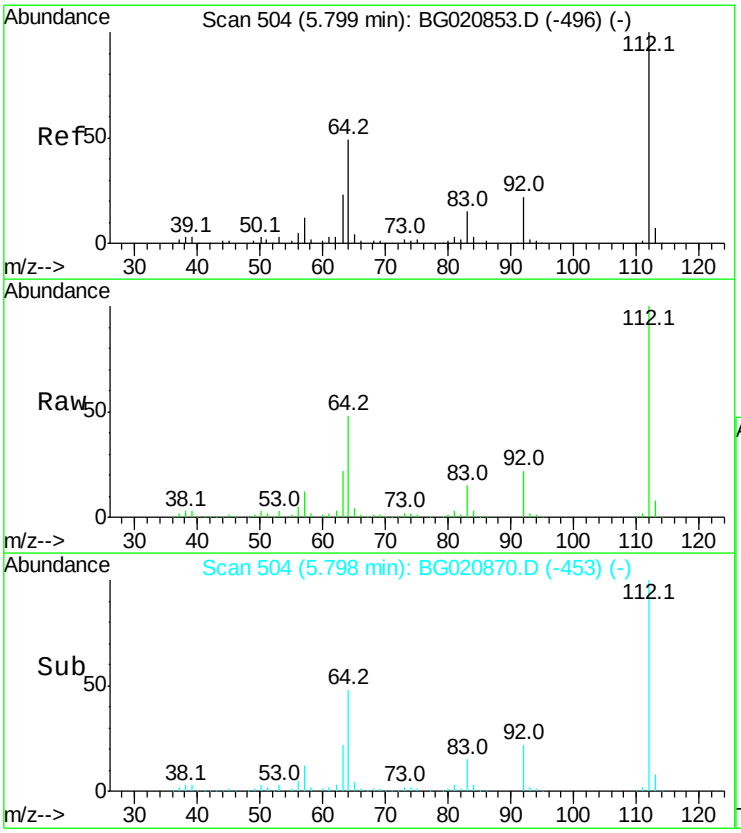
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG020870.D
Acq: 12 Feb 2016 00:02

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:152 Resp: 19976

Ion	Ratio	Lower	Upper
152	100		
150	154.8	122.0	183.0
115	60.6	45.2	67.8

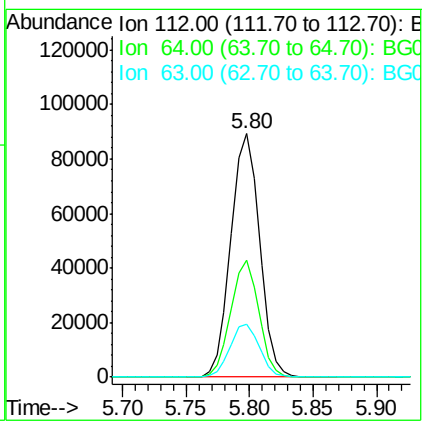


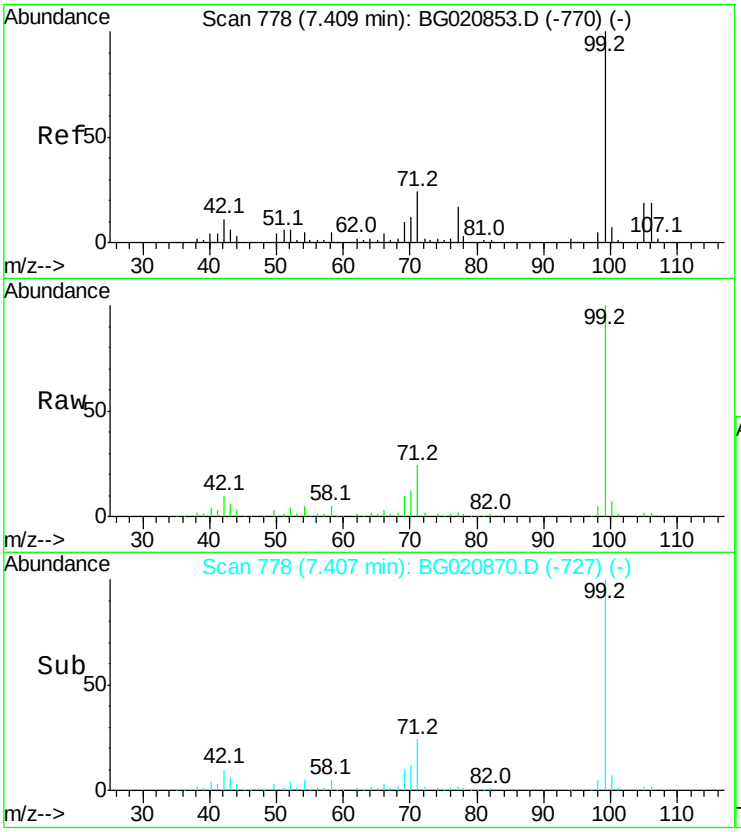


#5
2-Fluorophenol
Concen: 118.18 ng
RT: 5.80 min Scan# 504
Delta R.T. -0.00 min
Lab File: BG020870.D
Acq: 12 Feb 2016 00:02

Tgt Ion:112 Resp: 140184

Ion	Ratio	Lower	Upper
112	100		
64	48.0	39.3	58.9
63	21.9	18.2	27.4



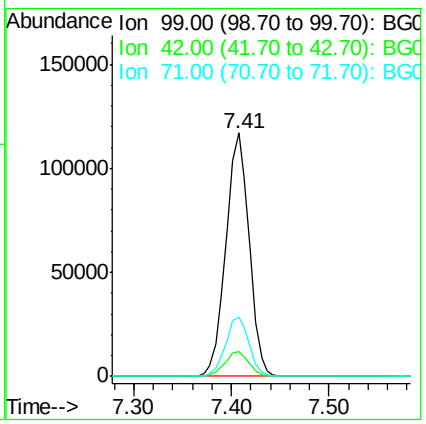


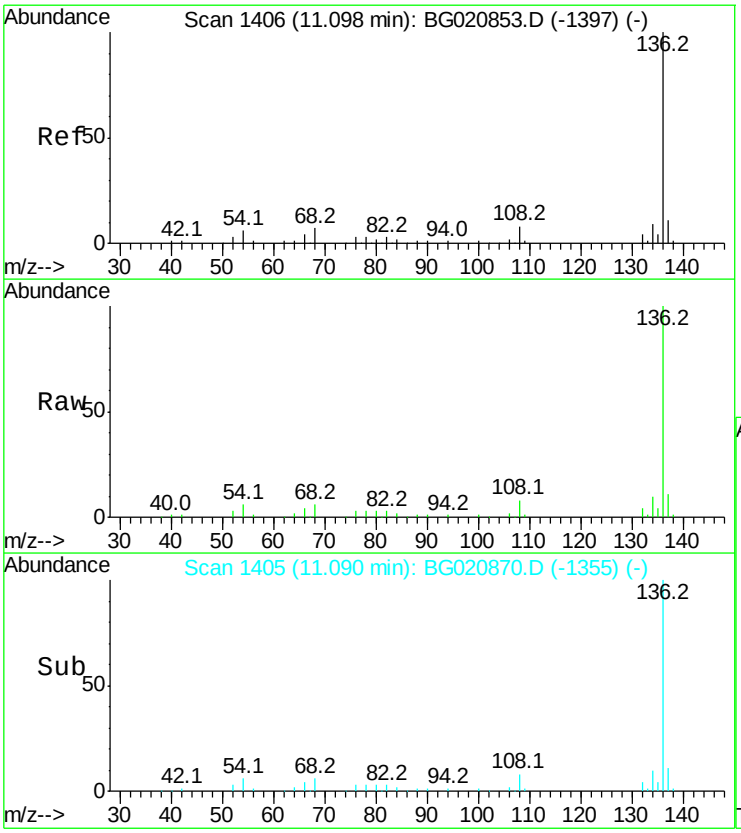
#7
Phenol-d6
Concen: 111.30 ng
RT: 7.41 min Scan# 778
Delta R.T. -0.00 min
Lab File: BG020870.D
Acq: 12 Feb 2016 00:02

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tgt Ion: 99 Resp: 192969

Ion	Ratio	Lower	Upper
99	100		
42	10.1	8.4	12.6
71	24.4	19.4	29.0

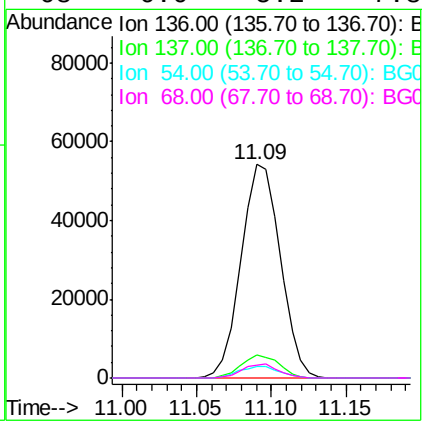


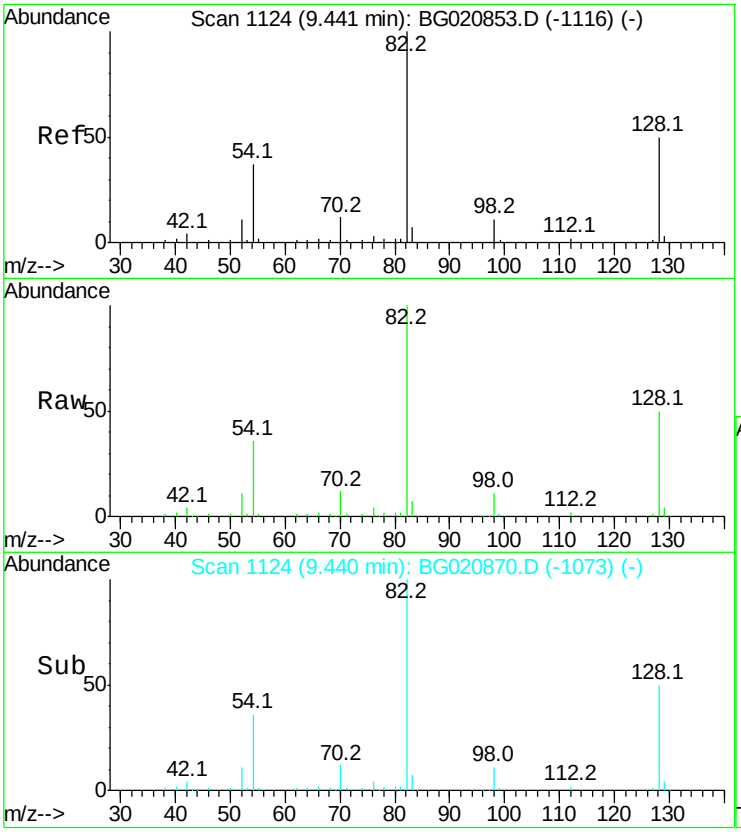


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG020870.D
Acq: 12 Feb 2016 00:02

Tgt Ion:136 Resp: 98449

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	5.6	5.0	7.4
68	6.0	5.2	7.8

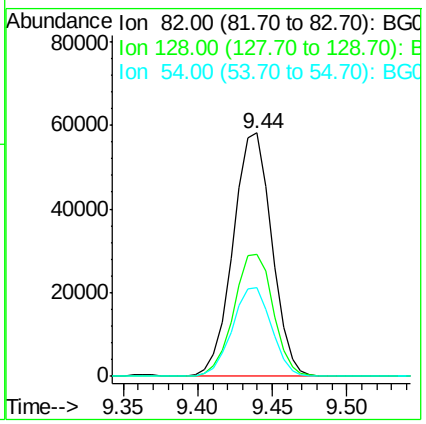




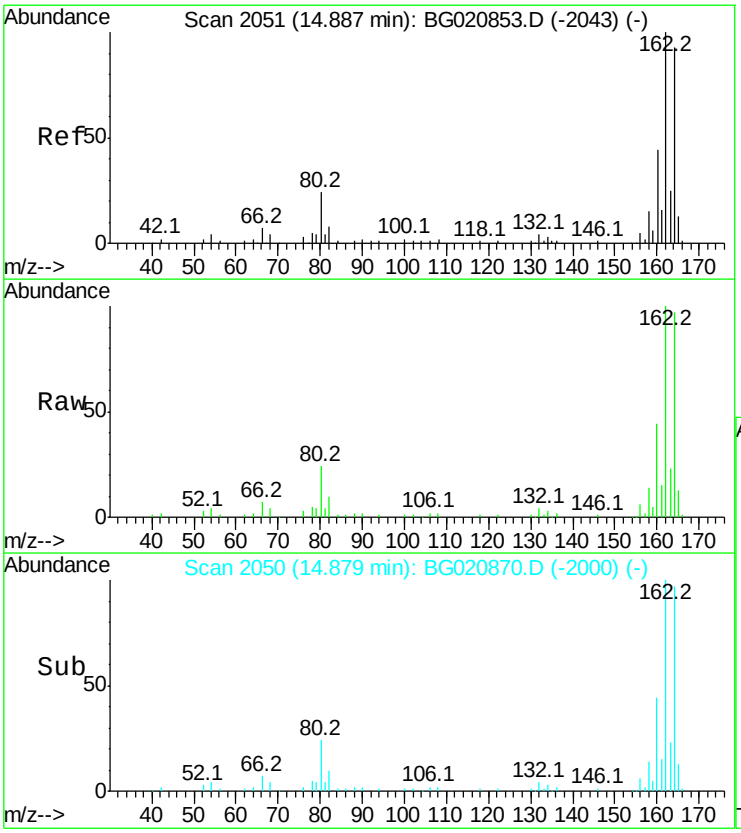
#23
Nitrobenzene-d5
Concen: 70.15 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BG020870.D
Acq: 12 Feb 2016 00:02

Tgt Ion: 82 Resp: 105043

Ion	Ratio	Lower	Upper
82	100		
128	50.0	40.1	60.1
54	36.2	29.5	44.3



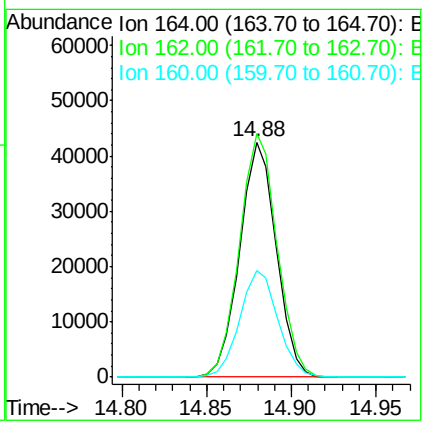
Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

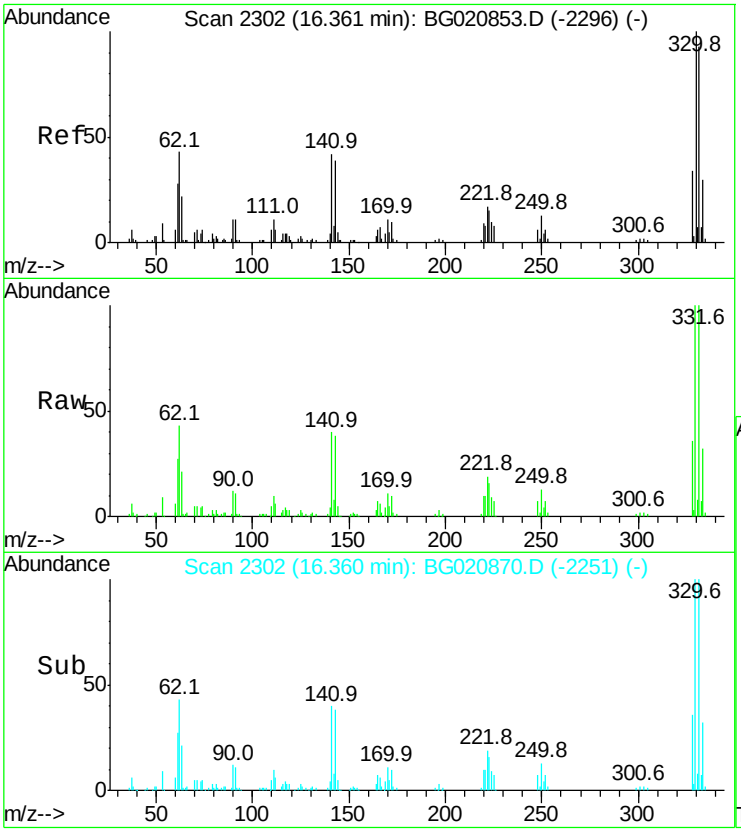


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG020870.D
Acq: 12 Feb 2016 00:02

Tgt Ion:164 Resp: 63772

Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.7	128.5
160	45.5	37.4	56.0



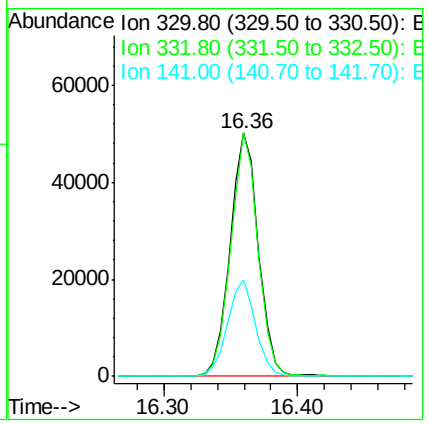


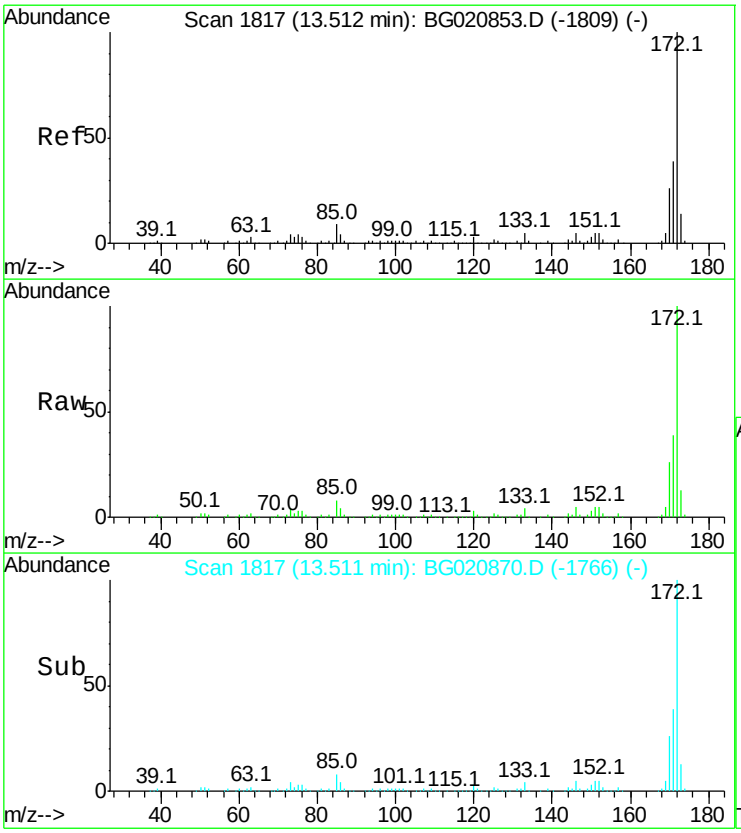
#41
2,4,6-Tribromophenol
Concen: 117.70 ng
RT: 16.36 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG020870.D
Acq: 12 Feb 2016 00:02

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:330 Resp: 73811

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.1	114.1
141	39.2	32.0	48.0

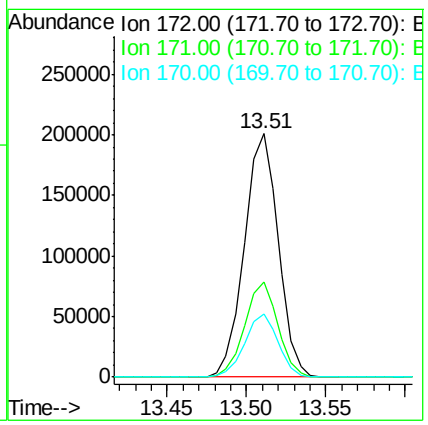


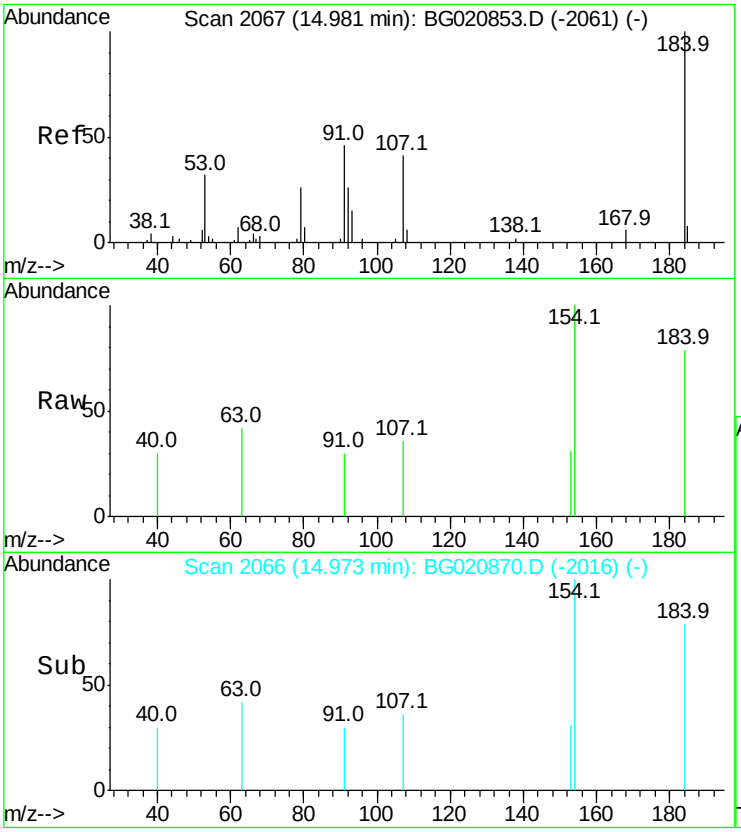


#44
2-Fluorobiphenyl
Concen: 65.84 ng
RT: 13.51 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG020870.D
Acq: 12 Feb 2016 00:02

Tgt Ion:172 Resp: 298903

Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.2	46.8
170	26.0	20.6	30.8



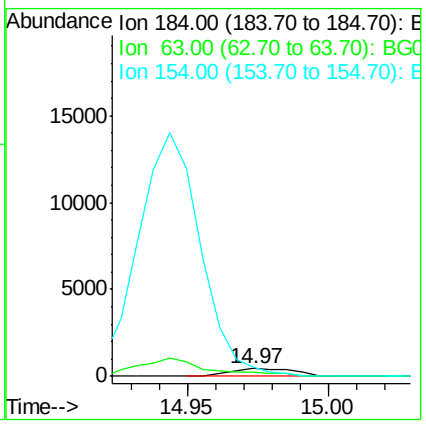


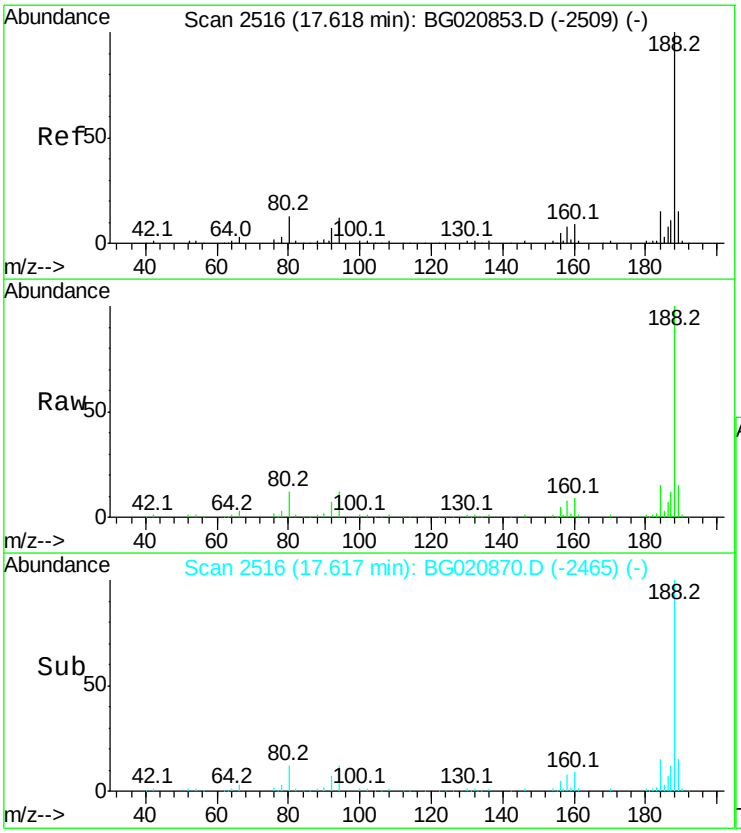
#53
2,4-Dinitrophenol
Concen: 9.80 ng
RT: 14.97 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BG020870.D
Acq: 12 Feb 2016 00:02

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:184 Resp: 701

Ion	Ratio	Lower	Upper
184	100		
63	53.2	39.8	59.6
154	126.7	48.1	72.1#

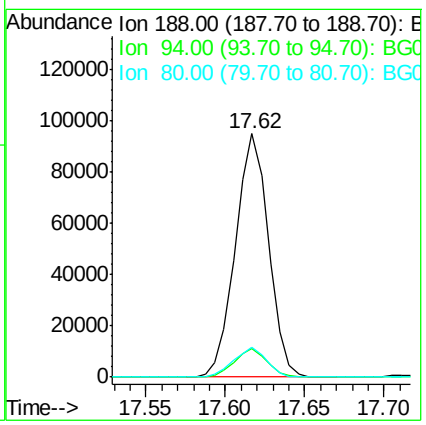


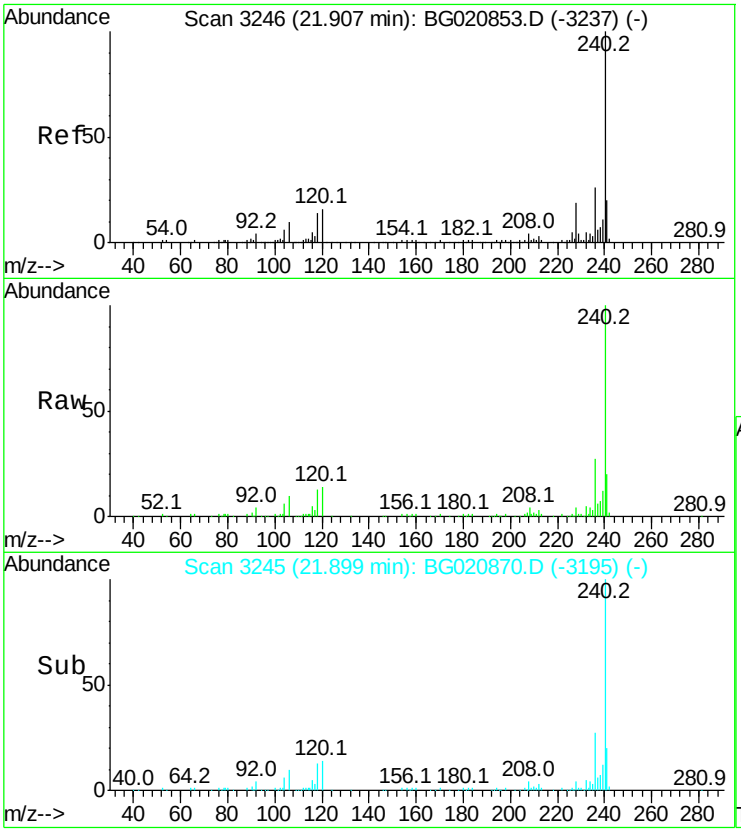


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BG020870.D
Acq: 12 Feb 2016 00:02

Tgt Ion:188 Resp: 137395

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.0
80	12.0	10.2	15.4



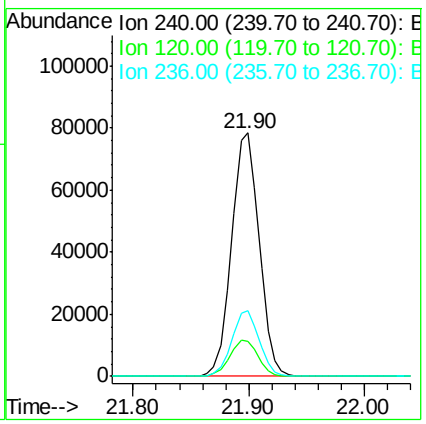


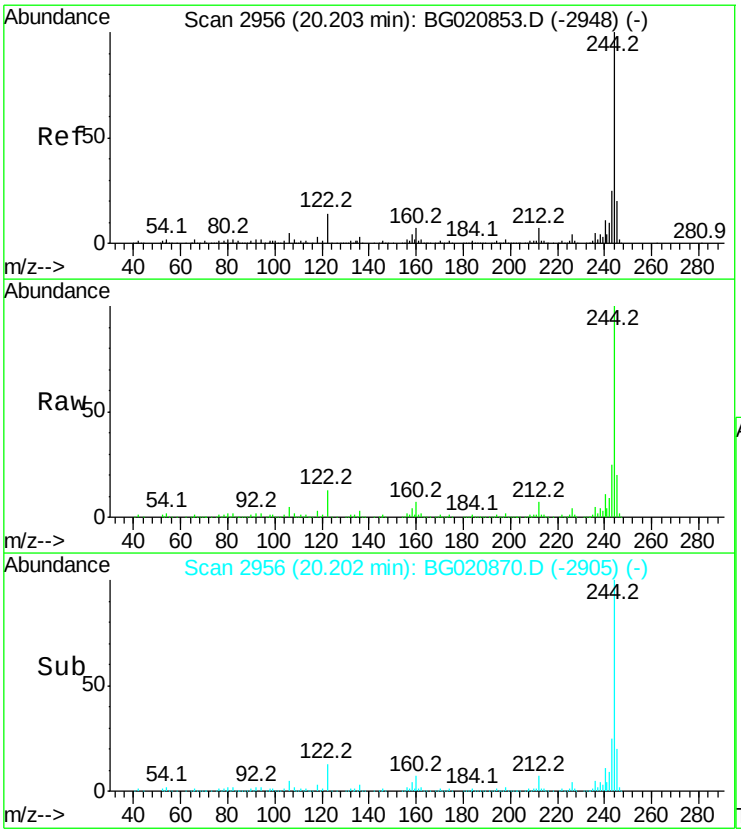
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.90 min Scan# 3245
Delta R.T. -0.01 min
Lab File: BG020870.D
Acq: 12 Feb 2016 00:02

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:240 Resp: 129678

Ion	Ratio	Lower	Upper
240	100		
120	14.4	13.0	19.4
236	27.0	21.0	31.4

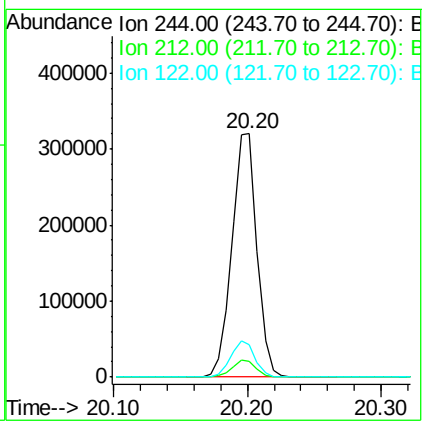


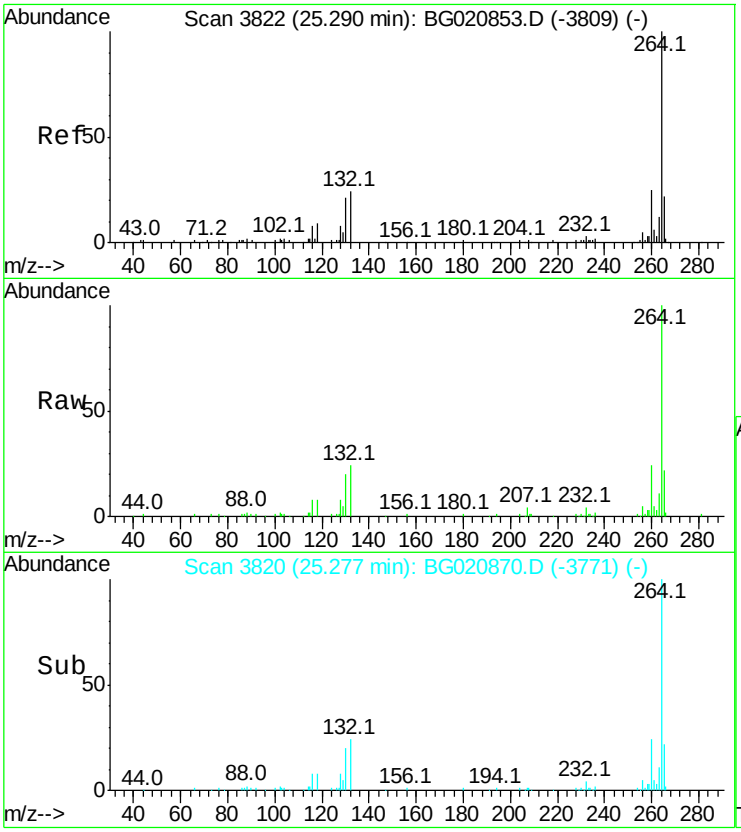


#78
Terphenyl-d14
Concen: 75.26 ng
RT: 20.20 min Scan# 2956
Delta R.T. -0.00 min
Lab File: BG020870.D
Acq: 12 Feb 2016 00:02

Tgt Ion:244 Resp: 418373

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.5	8.3
122	13.3	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3820
Delta R.T. -0.01 min
Lab File: BG020870.D
Acq: 12 Feb 2016 00:02

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:264 Resp: 120560

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.9	29.9
265	22.0	18.0	27.0