Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020958.D
Acq On : 19 Feb 2016 5:38
Operator : SJ/UM
Sample : H1488-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS016-5460-01

Quant Time: Feb 19 06:41:06 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	8.25	152	23952	20.00	ng	-0.01
21) Naphthalene-d8	11.09	136	124383	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	71747	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	139314	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	125482	20.00	ng	-0.02
86) Perylene-d12	25.25	264	120877	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	212447	149.37	ng	0.00
7) Phenol-d6	7.40	99	309322	148.80	ng	0.00
23) Nitrobenzene-d5	9.43	82	168821	89.24	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	102817	145.72	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	472209	92.45	ng	-0.01
78) Terphenyl-d14	20.18	244	508918	94.61	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.31	163	55101	9.82	ng	99

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

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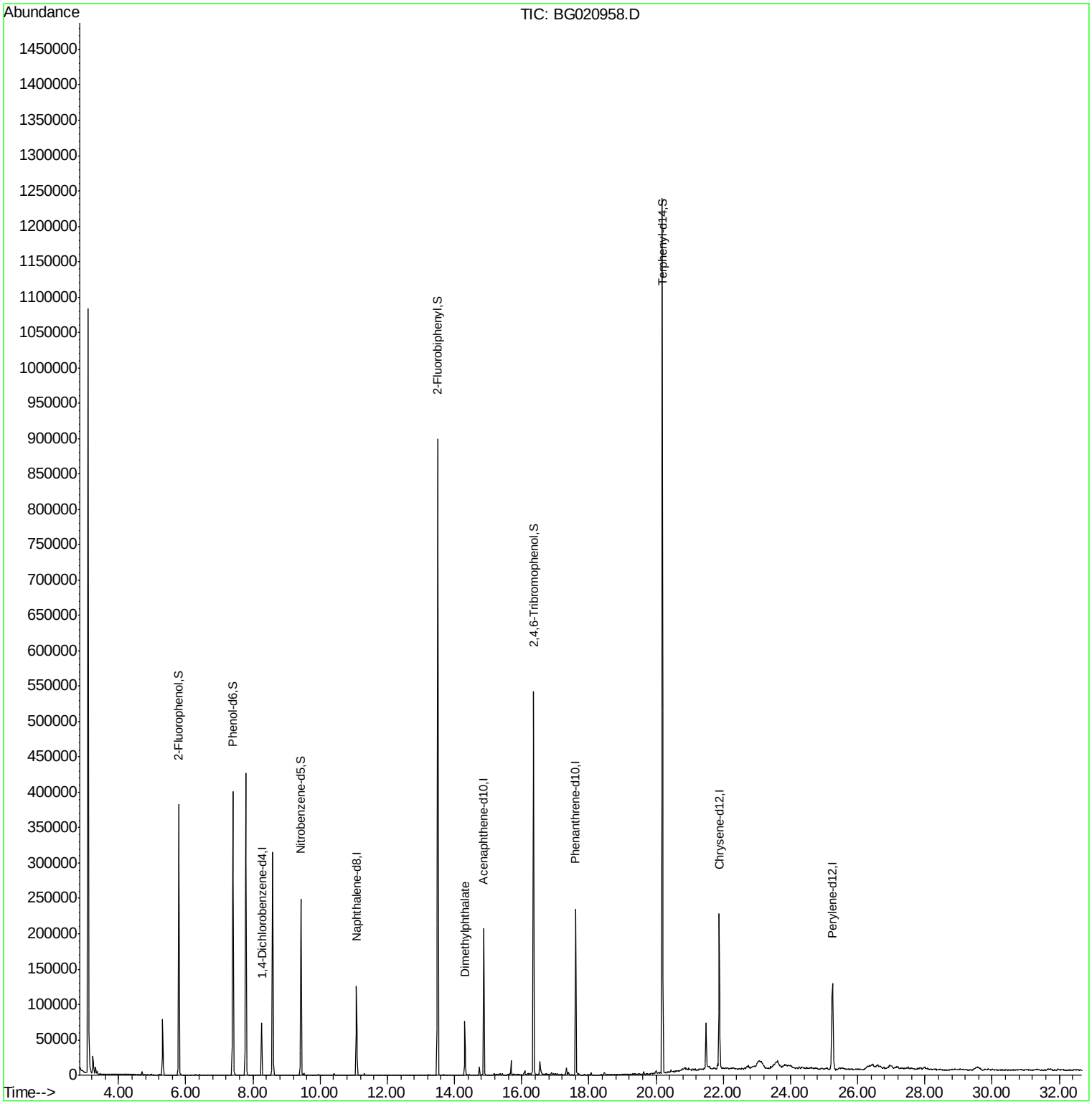
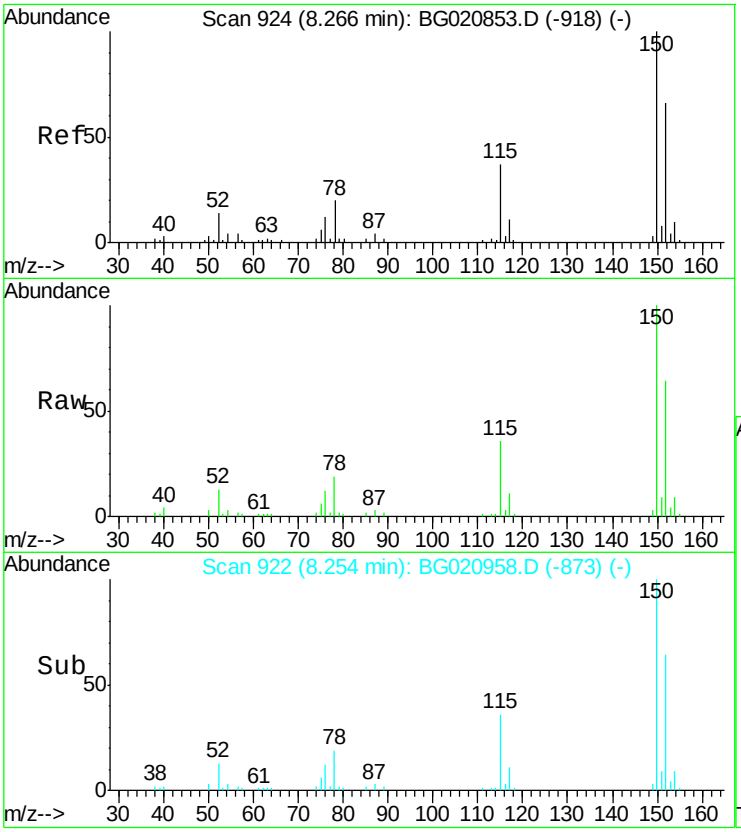


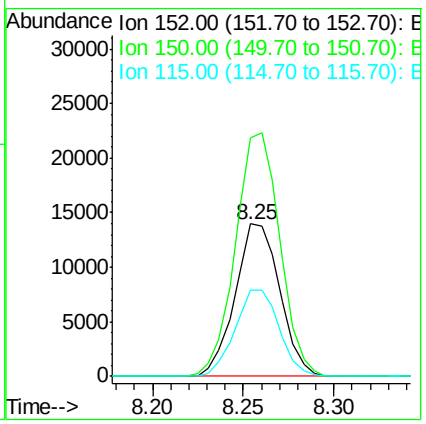


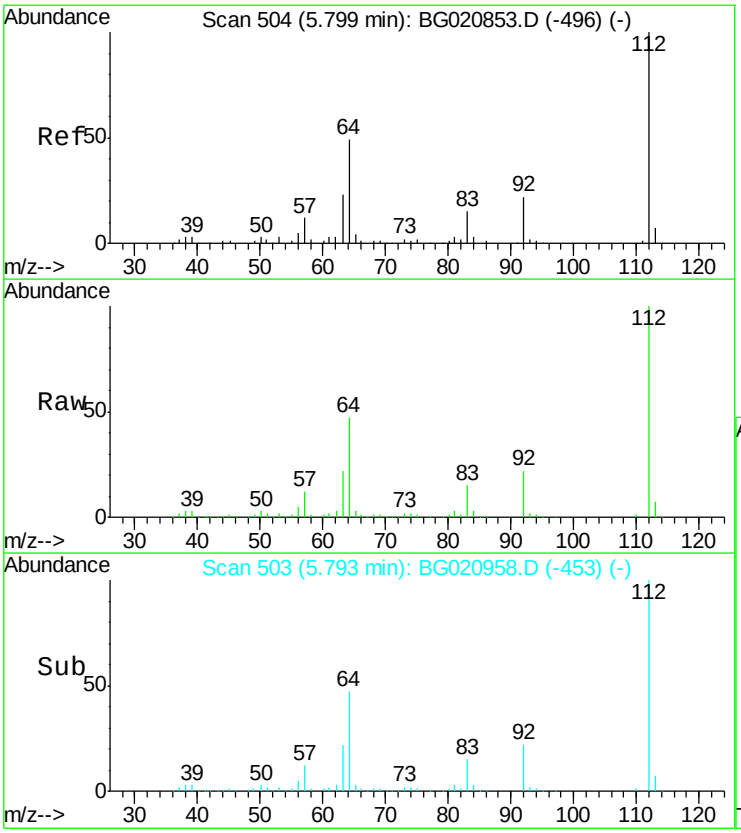
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.25 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG020958.D
Acq: 19 Feb 2016 5:38

Instrument :
BNA_G
ClientSampleId :
P001-SS016-5460-01

Tgt Ion:152 Resp: 23952

Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.0	183.0
115	56.7	45.2	67.8

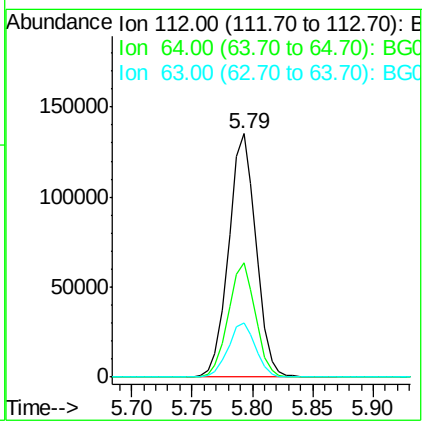


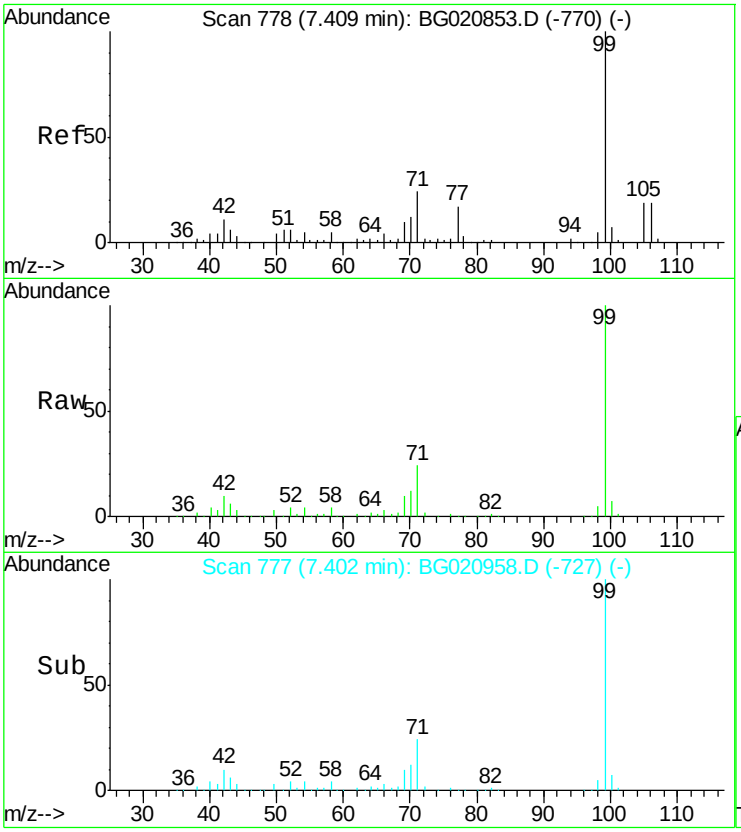


#5
2-Fluorophenol
Concen: 149.37 ng
RT: 5.79 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG020958.D
Acq: 19 Feb 2016 5:38

Tgt Ion:112 Resp: 212447

Ion	Ratio	Lower	Upper
112	100		
64	47.1	39.3	58.9
63	22.1	18.2	27.4



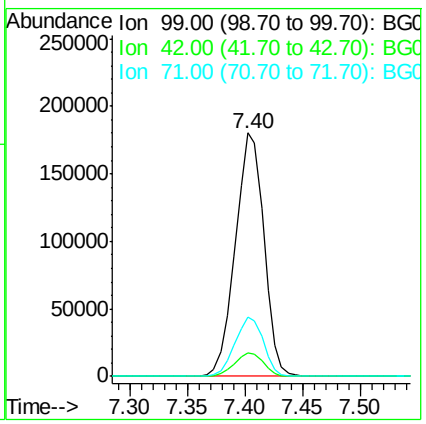


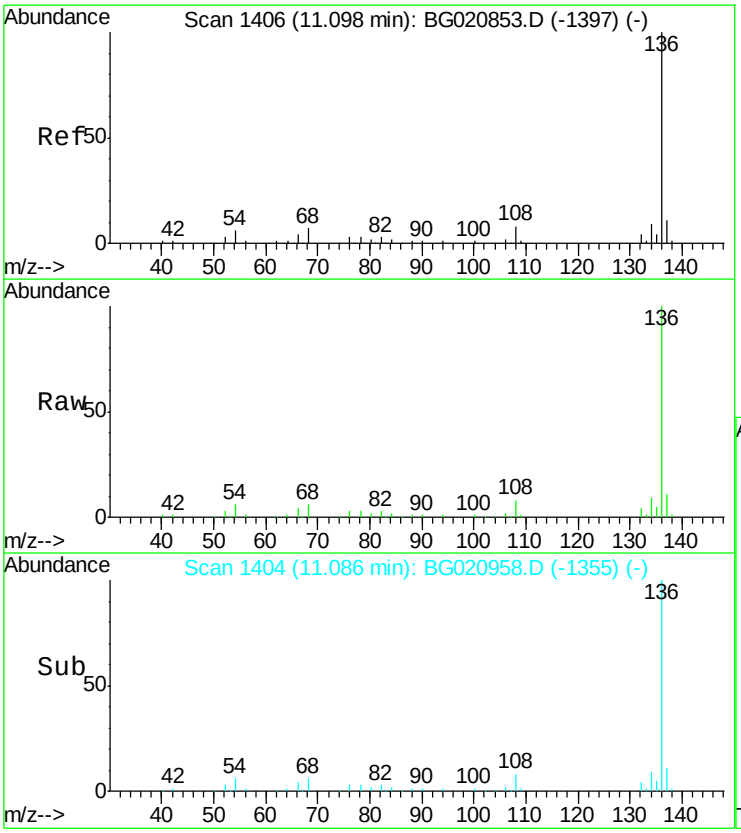
#7
Phenol-d6
Concen: 148.80 ng
RT: 7.40 min Scan# 777
Delta R.T. -0.01 min
Lab File: BG020958.D
Acq: 19 Feb 2016 5:38

Instrument :
BNA_G
ClientSampleId :
P001-SS016-5460-01

Tgt Ion: 99 Resp: 309322

Ion	Ratio	Lower	Upper
99	100		
42	9.9	8.4	12.6
71	24.2	19.4	29.0

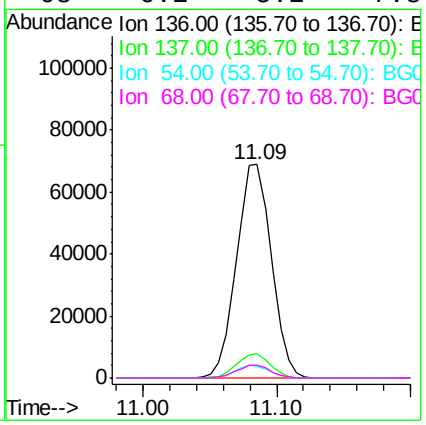


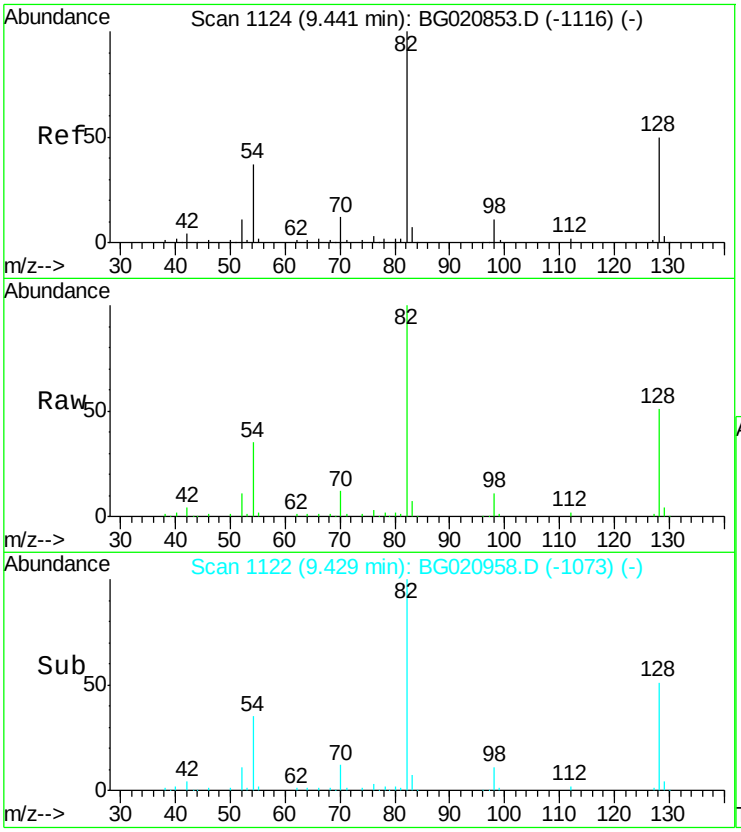


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG020958.D
Acq: 19 Feb 2016 5:38

Tgt Ion:136 Resp: 124383

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	5.5	5.0	7.4
68	6.2	5.2	7.8



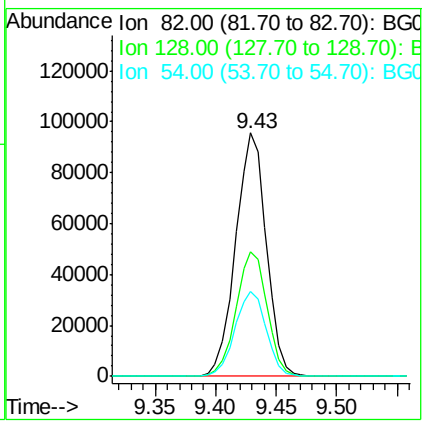


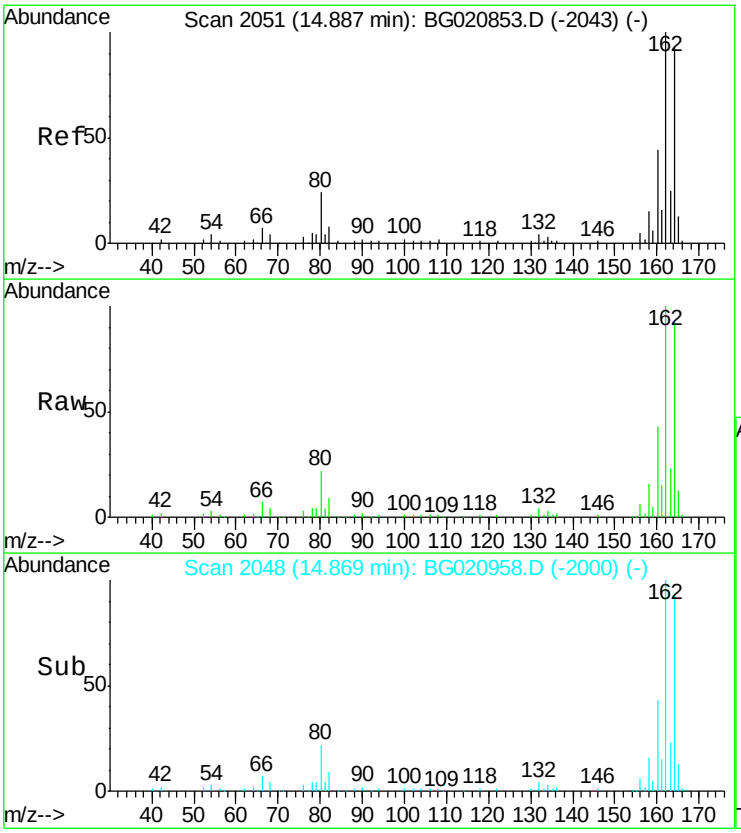
#23
Nitrobenzene-d5
Concen: 89.24 ng
RT: 9.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG020958.D
Acq: 19 Feb 2016 5:38

Instrument :
BNA_G
ClientSampleId :
P001-SS016-5460-01

Tgt Ion: 82 Resp: 168821

Ion	Ratio	Lower	Upper
82	100		
128	51.0	40.1	60.1
54	34.8	29.5	44.3

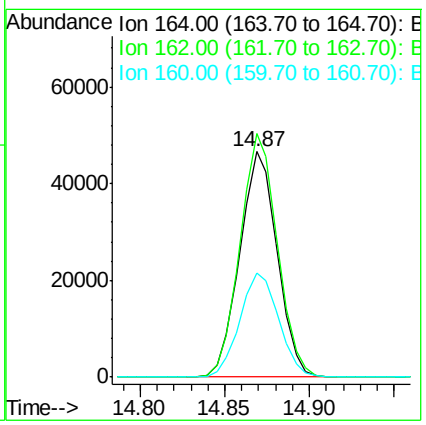


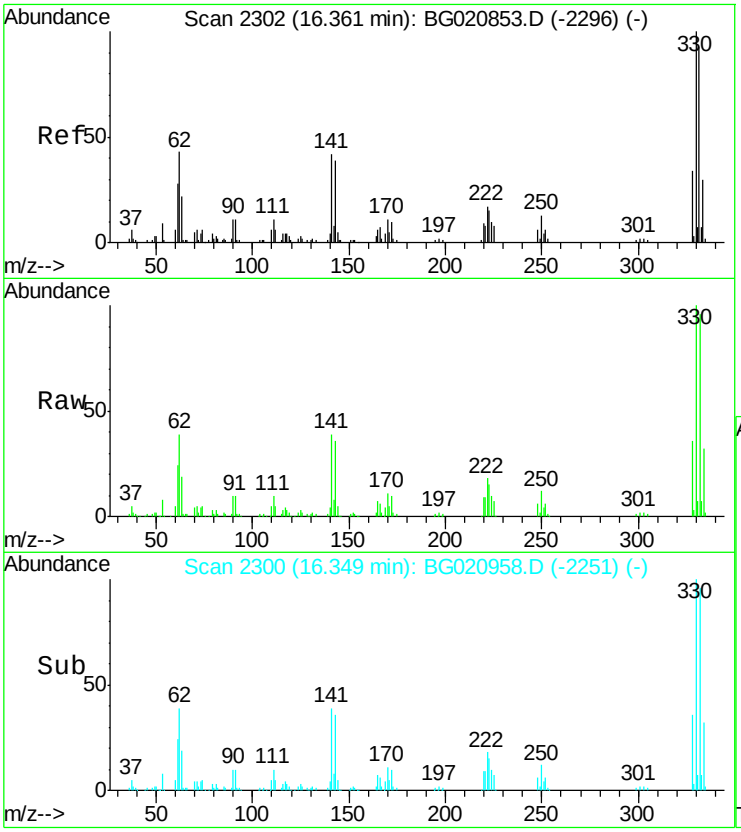


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG020958.D
Acq: 19 Feb 2016 5:38

Tgt Ion:164 Resp: 71747

Ion	Ratio	Lower	Upper
164	100		
162	108.0	85.7	128.5
160	46.1	37.4	56.0



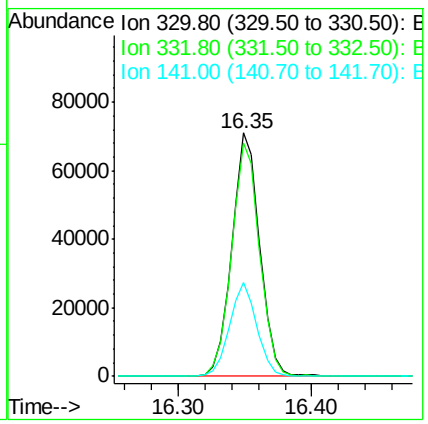


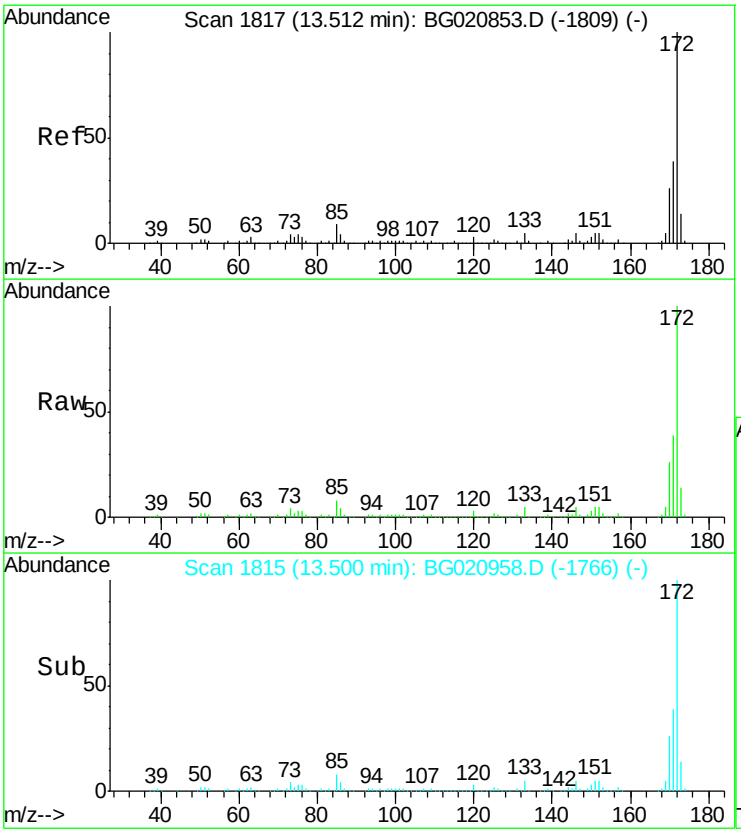
#41
2,4,6-Tribromophenol
Concen: 145.72 ng
RT: 16.35 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BG020958.D
Acq: 19 Feb 2016 5:38

Instrument :
BNA_G
ClientSampleId :
P001-SS016-5460-01

Tgt Ion:330 Resp: 102817

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.1	114.1
141	37.9	32.0	48.0

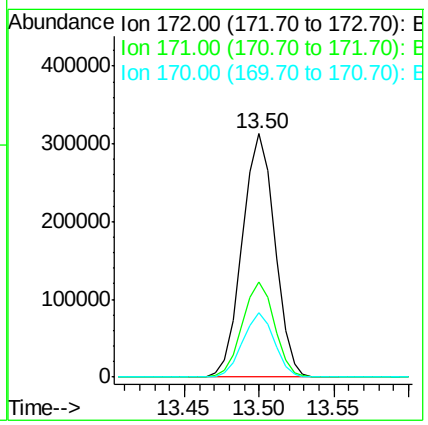


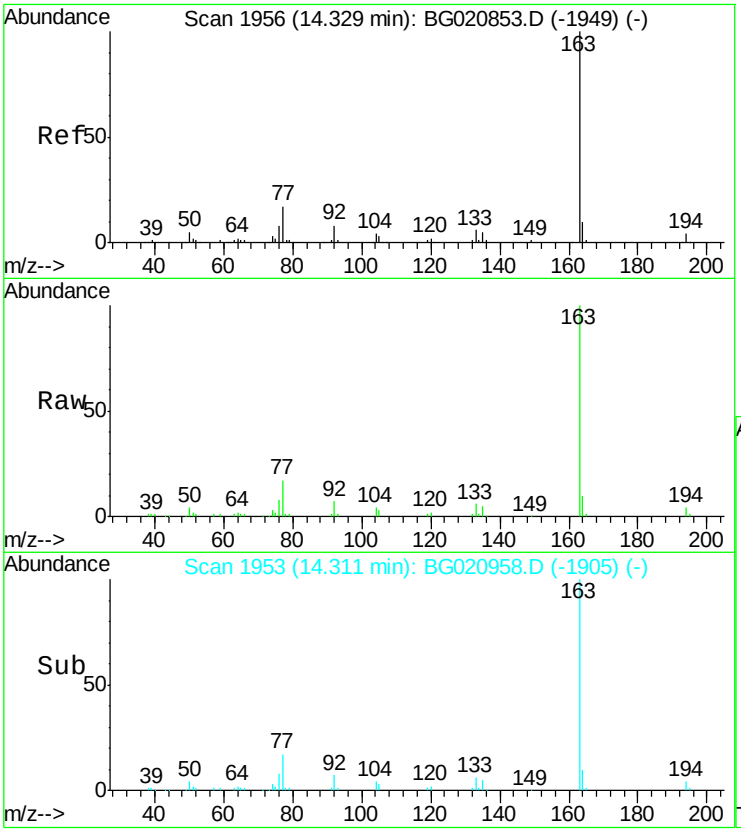


#44
2-Fluorobiphenyl
Concen: 92.45 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG020958.D
Acq: 19 Feb 2016 5:38

Tgt Ion:172 Resp: 472209

Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.2	46.8
170	26.5	20.6	30.8



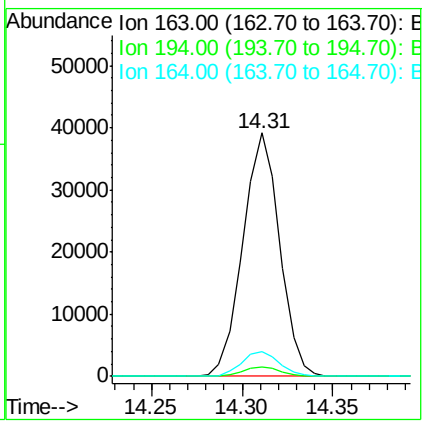


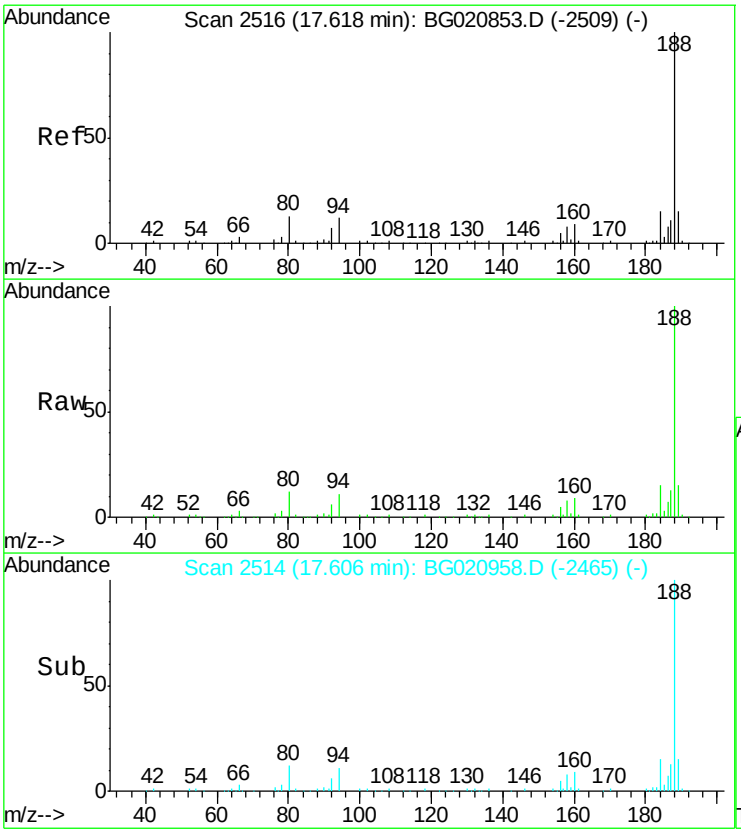
#49
Dimethylphthalate
Concen: 9.82 ng
RT: 14.31 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BG020958.D
Acq: 19 Feb 2016 5:38

Instrument :
BNA_G
ClientSampleId :
P001-SS016-5460-01

Tgt Ion:163 Resp: 55101

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.1	8.3	12.5

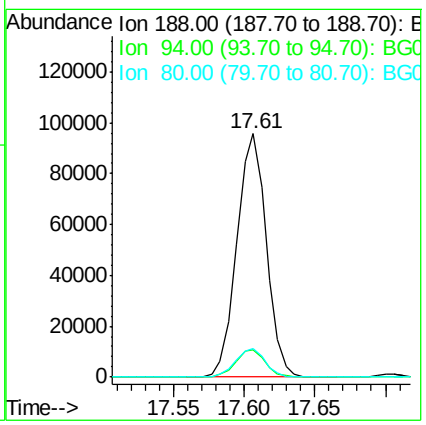


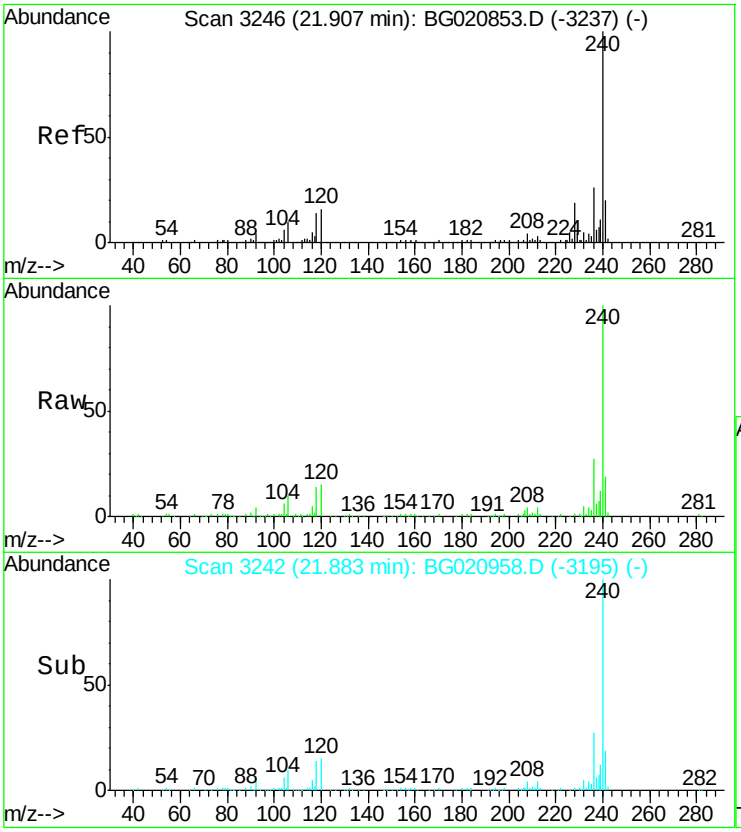


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG020958.D
Acq: 19 Feb 2016 5:38

Tgt Ion:188 Resp: 139314

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.0
80	11.9	10.2	15.4



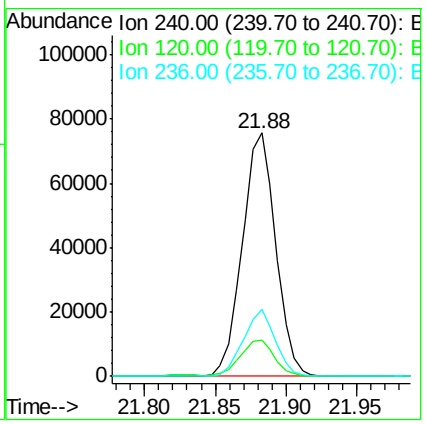


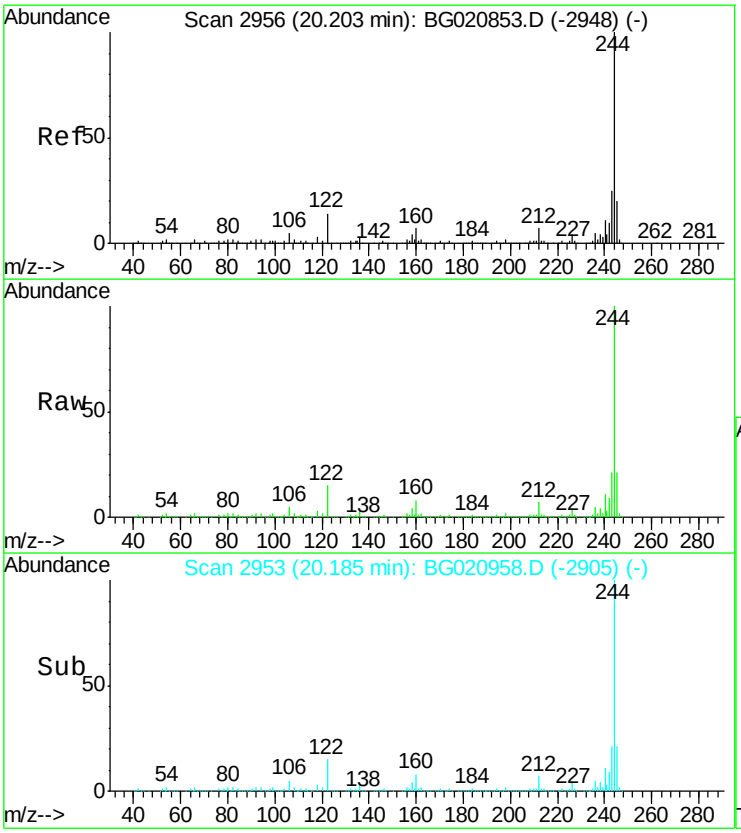
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3242
Delta R.T. -0.02 min
Lab File: BG020958.D
Acq: 19 Feb 2016 5:38

Instrument :
BNA_G
ClientSampleId :
P001-SS016-5460-01

Tgt Ion:240 Resp: 125482

Ion	Ratio	Lower	Upper
240	100		
120	15.1	13.0	19.4
236	27.3	21.0	31.4

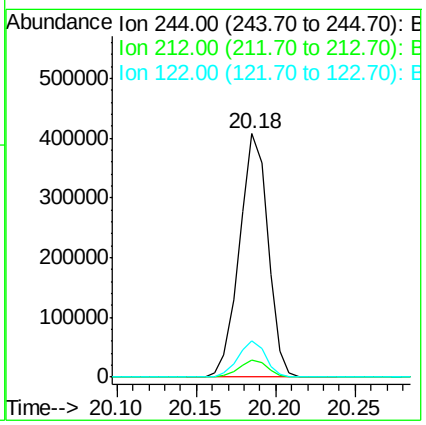


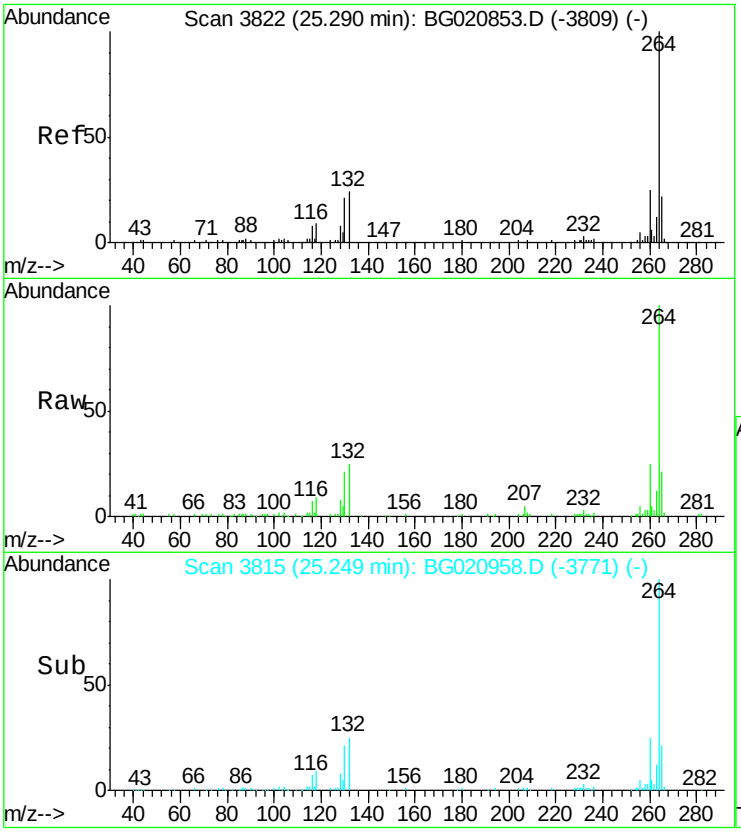


#78
Terphenyl-d14
Concen: 94.61 ng
RT: 20.18 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BG020958.D
Acq: 19 Feb 2016 5:38

Tgt Ion:244 Resp: 508918

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	15.0	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.25 min Scan# 3815
Delta R.T. -0.04 min
Lab File: BG020958.D
Acq: 19 Feb 2016 5:38

Instrument :
BNA_G
ClientSampleId :
P001-SS016-5460-01

Tgt Ion:264 Resp: 120877

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.9	29.9
265	21.0	18.0	27.0