Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020982.D
Acq On : 19 Feb 2016 21:34
Operator : SJ/UM
Sample : H1509-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Time: Feb 20 02:15:23 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	19277	20.00	ng	0.00
21) Naphthalene-d8	11.08	136	106030	20.00	ng	-0.02
38) Acenaphthene-d10	14.87	164	72673	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	126412	20.00	ng	0.00
75) Chrysene-d12	21.89	240	117757	20.00	ng	-0.02
86) Perylene-d12	25.26	264	114096	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	86406	75.48	ng	0.00
7) Phenol-d6	7.41	99	81441	48.68	ng	0.00
23) Nitrobenzene-d5	9.43	82	160965	99.82	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	107917	151.00	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	473945	91.61	ng	0.00
78) Terphenyl-d14	20.19	244	436173	86.41	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.31	163	13898	2.45	ng	99
69) Pentachlorophenol	17.26	266	10321	12.67	ng	93

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020982.D
Acq On : 19 Feb 2016 21:34
Operator : SJ/UM
Sample : H1509-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-3

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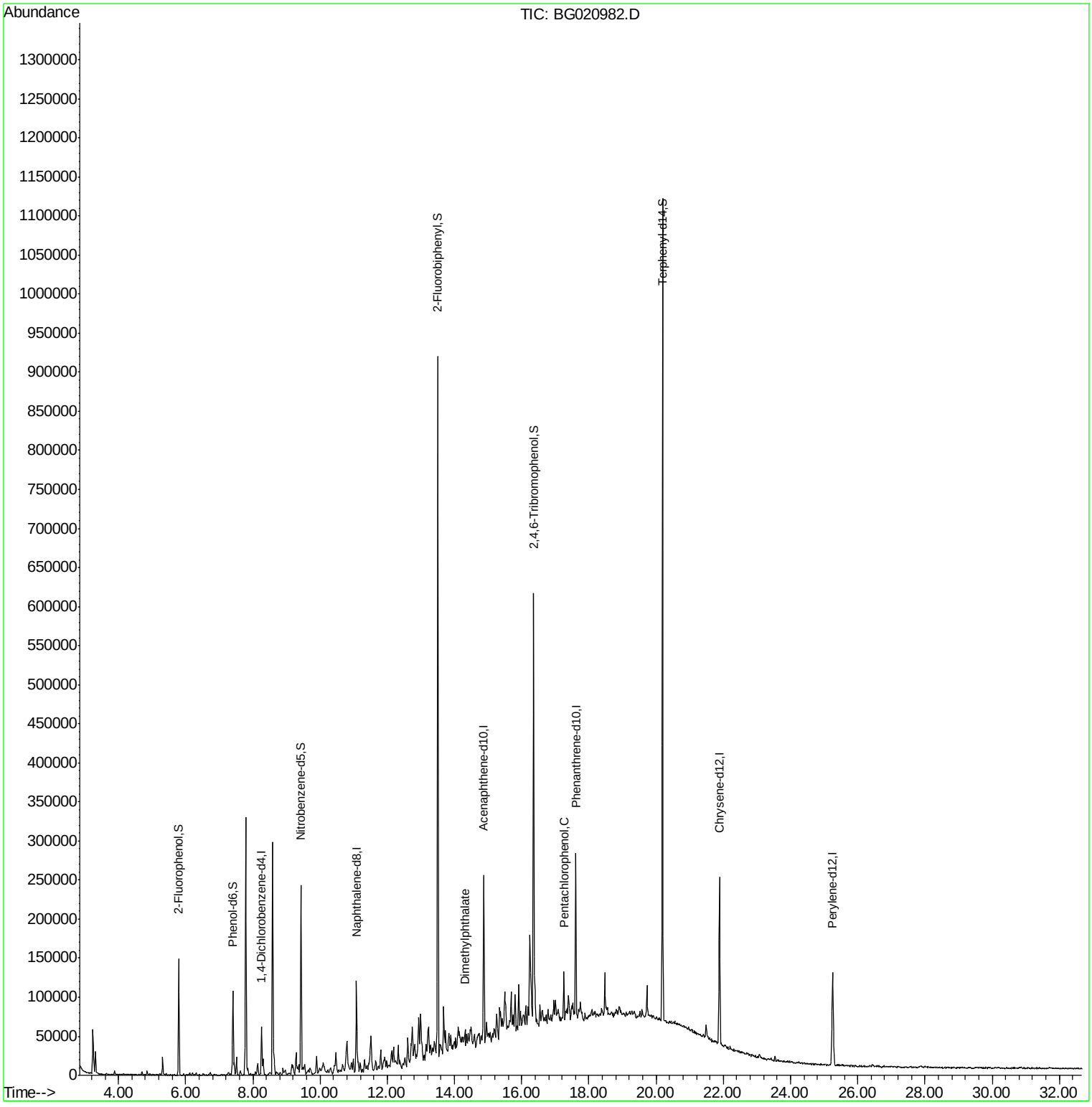
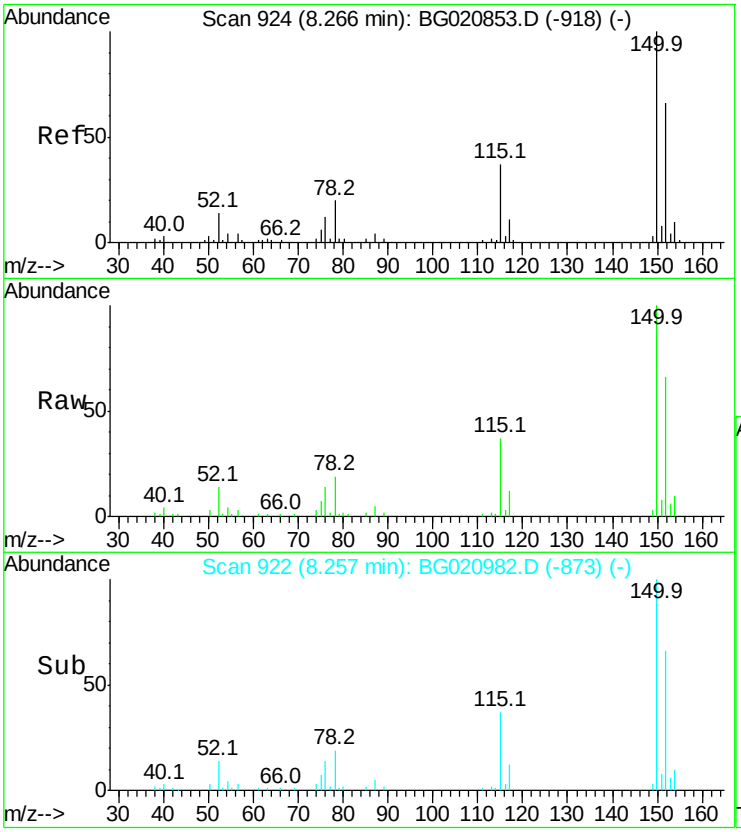


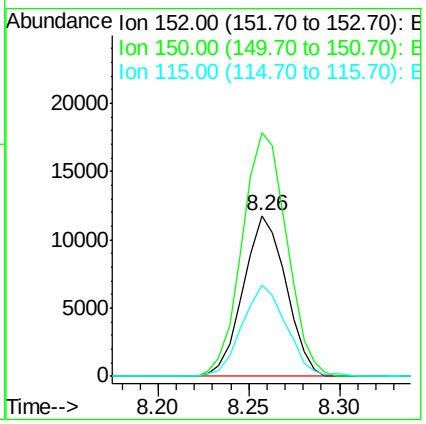


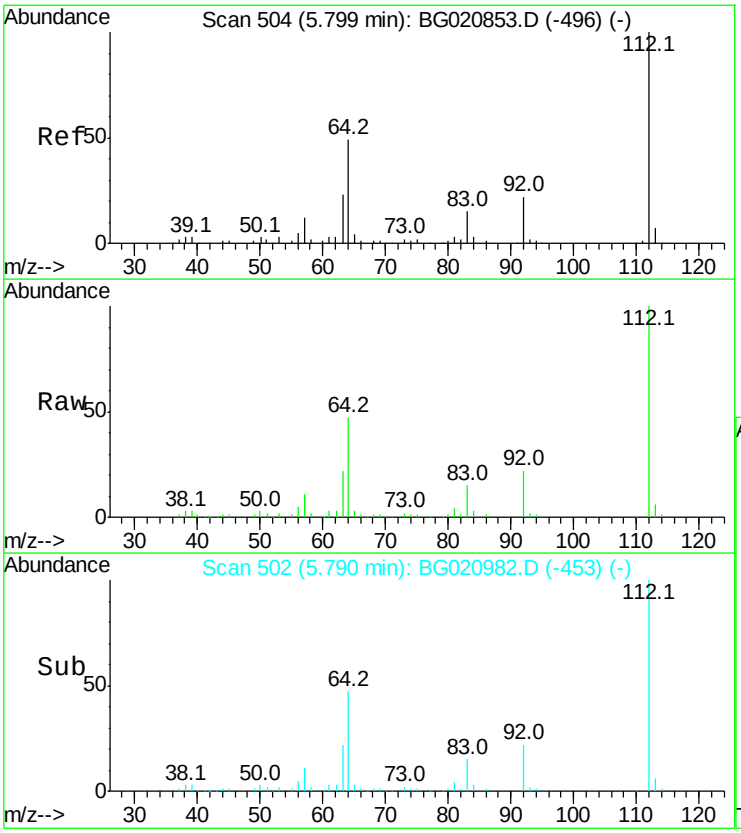
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG020982.D
Acq: 19 Feb 2016 21:34

Instrument :
BNA_G
ClientSampleId :
MW-3

Tgt Ion:152 Resp: 19277

Ion	Ratio	Lower	Upper
152	100		
150	151.7	122.0	183.0
115	56.7	45.2	67.8

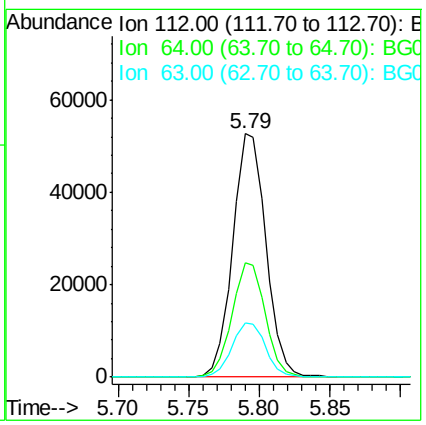


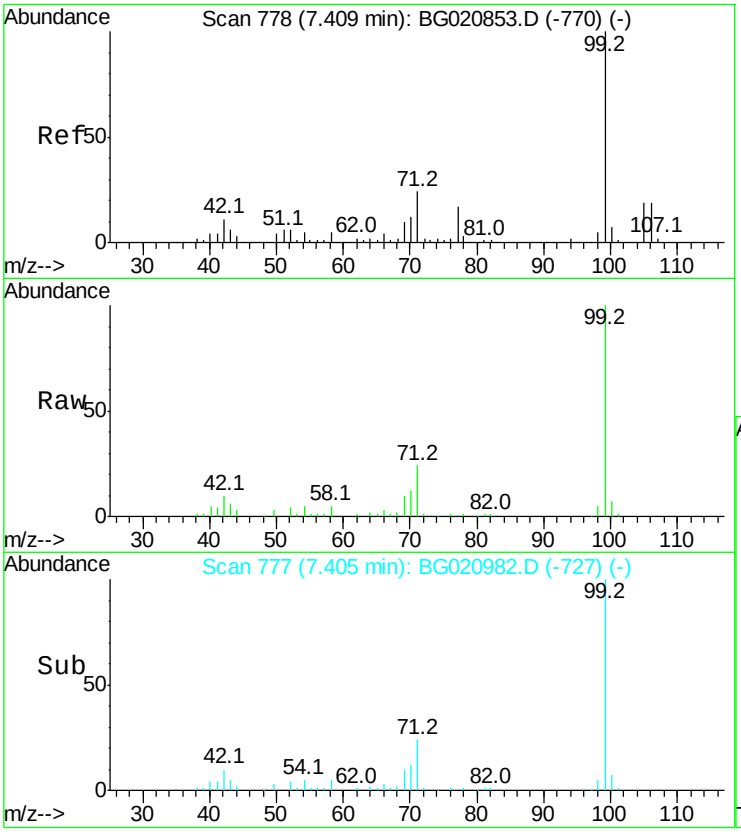


#5
2-Fluorophenol
Concen: 75.48 ng
RT: 5.79 min Scan# 502
Delta R.T. -0.01 min
Lab File: BG020982.D
Acq: 19 Feb 2016 21:34

Tgt Ion:112 Resp: 86406

Ion	Ratio	Lower	Upper
112	100		
64	46.8	39.3	58.9
63	22.1	18.2	27.4



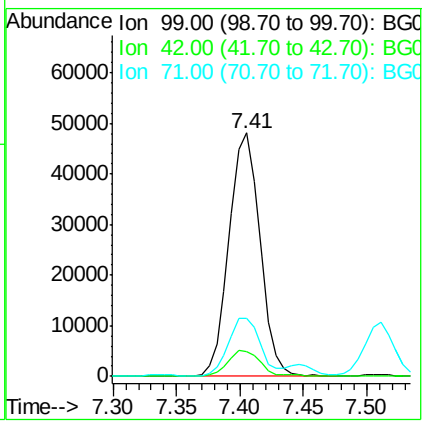


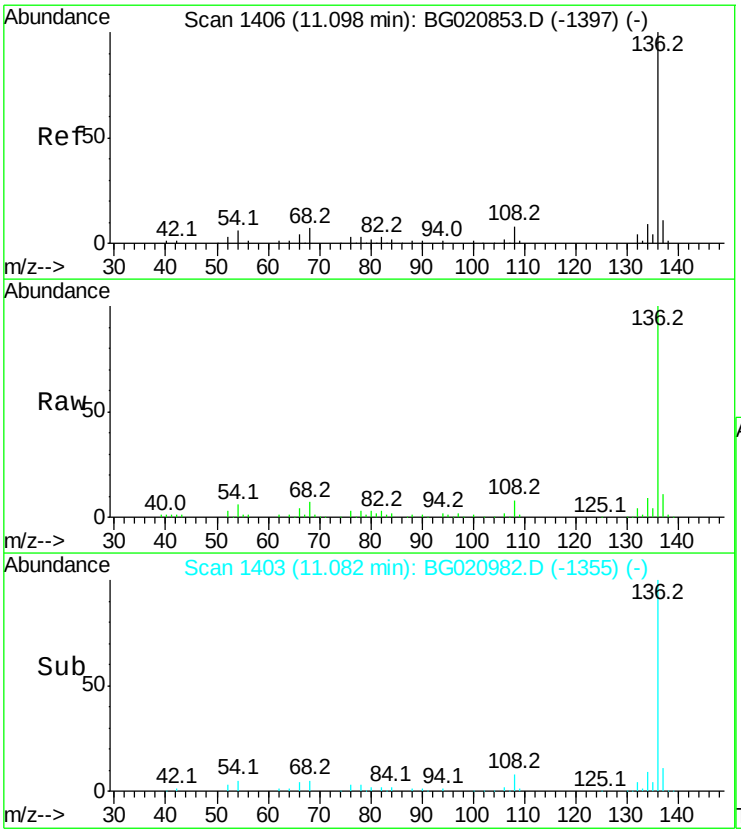
#7
Phenol-d6
Concen: 48.68 ng
RT: 7.41 min Scan# 777
Delta R.T. -0.00 min
Lab File: BG020982.D
Acq: 19 Feb 2016 21:34

Instrument :
BNA_G
ClientSampleId :
MW-3

Tgt Ion: 99 Resp: 81441

Ion	Ratio	Lower	Upper
99	100		
42	10.0	8.4	12.6
71	24.1	19.4	29.0

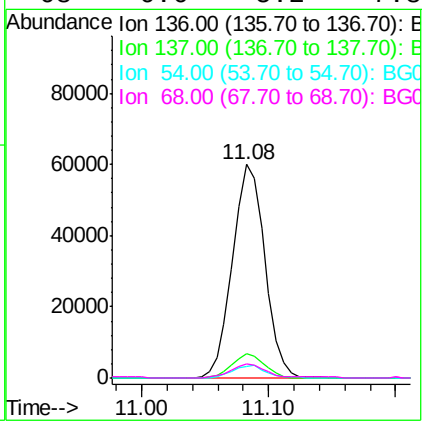


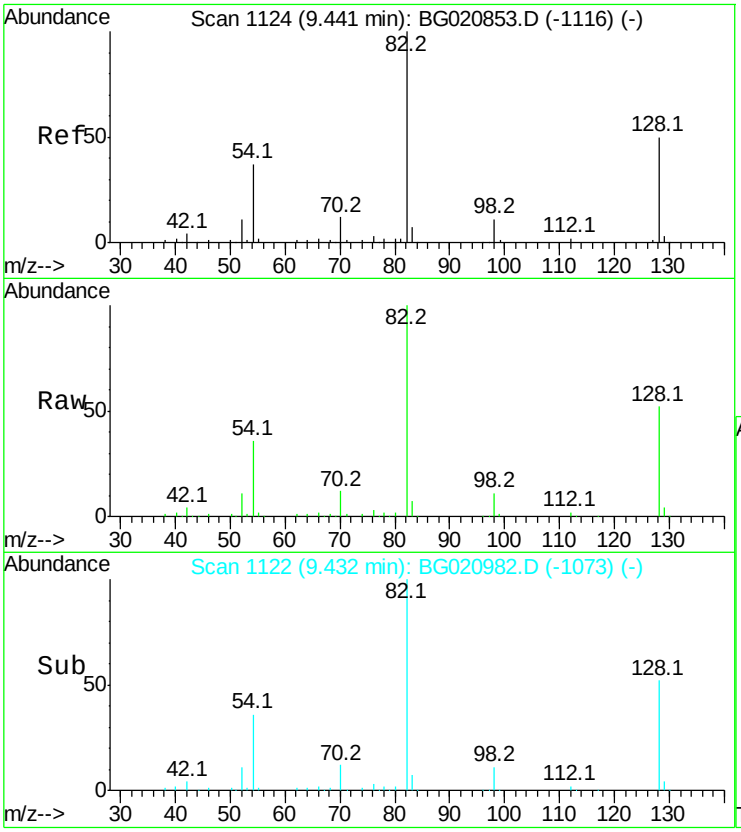


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG020982.D
Acq: 19 Feb 2016 21:34

Tgt Ion:136 Resp: 106030

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	5.6	5.0	7.4
68	6.6	5.2	7.8



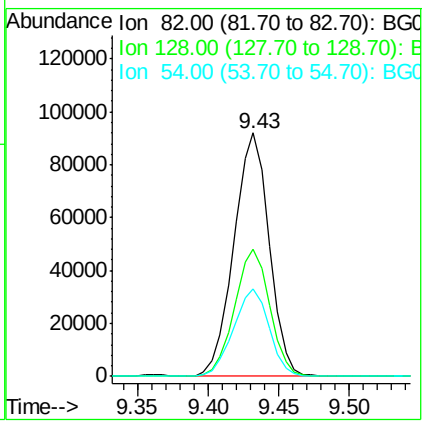


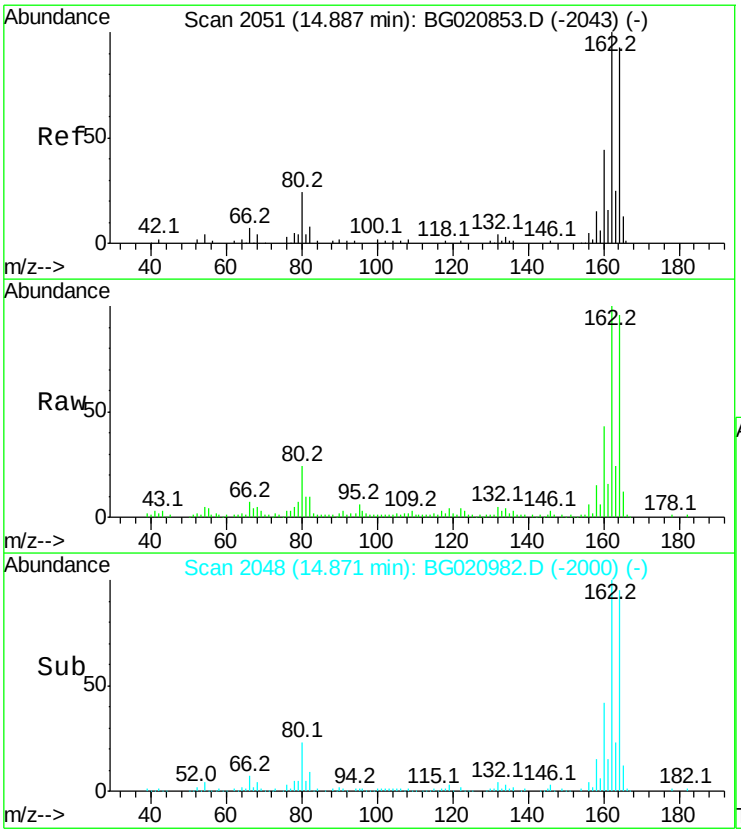
#23
Nitrobenzene-d5
Concen: 99.82 ng
RT: 9.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG020982.D
Acq: 19 Feb 2016 21:34

Instrument :
BNA_G
ClientSampleId :
MW-3

Tgt Ion: 82 Resp: 160965

Ion	Ratio	Lower	Upper
82	100		
128	52.2	40.1	60.1
54	35.9	29.5	44.3

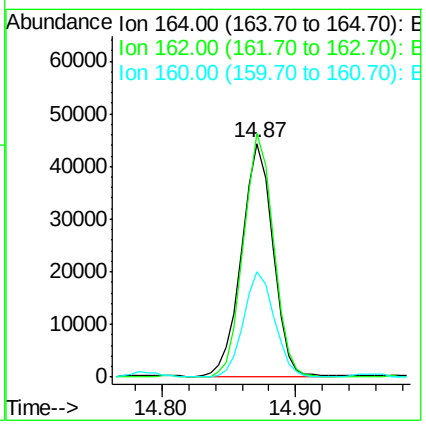


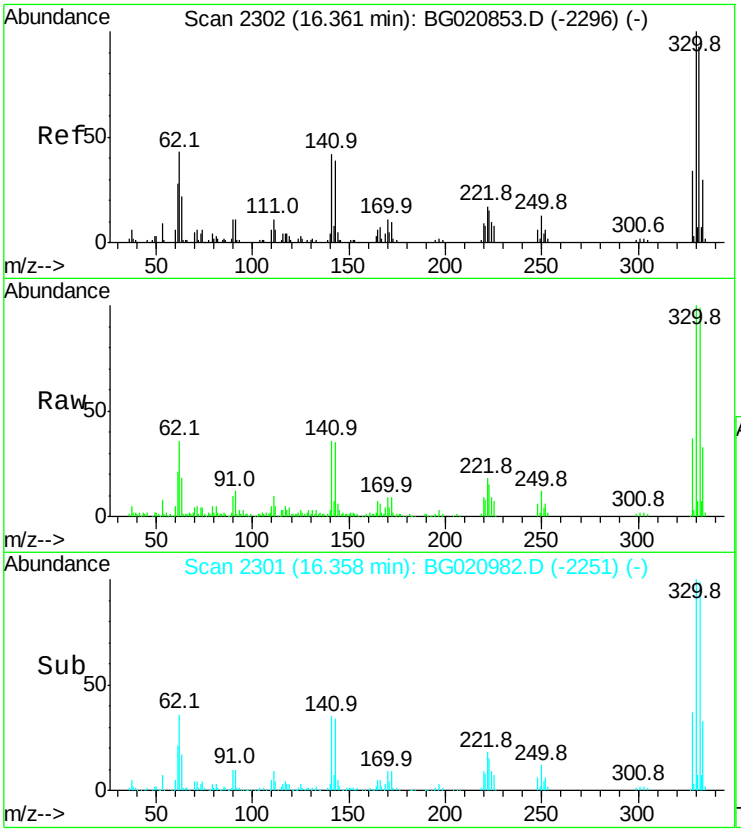


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG020982.D
Acq: 19 Feb 2016 21:34

Tgt Ion:164 Resp: 72673

Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.7	128.5
160	45.0	37.4	56.0



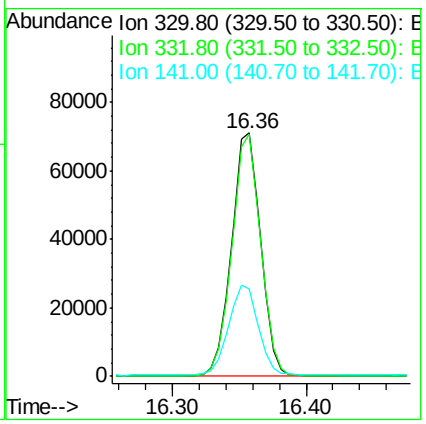


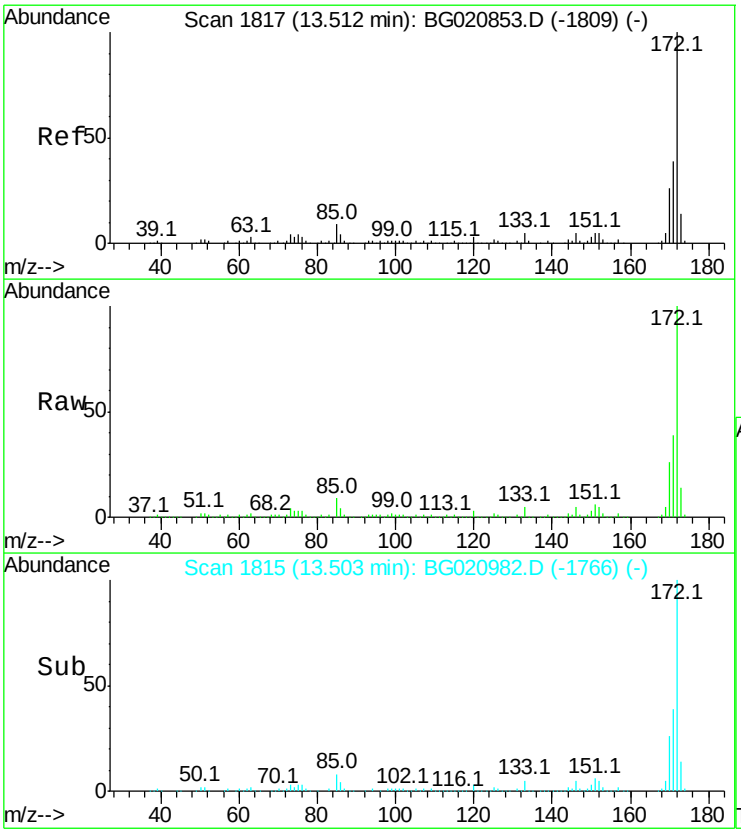
#41
2,4,6-Tribromophenol
Concen: 151.00 ng
RT: 16.36 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BG020982.D
Acq: 19 Feb 2016 21:34

Instrument :
BNA_G
ClientSampleId :
MW-3

Tgt Ion:330 Resp: 107917

Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.1	114.1
141	37.9	32.0	48.0

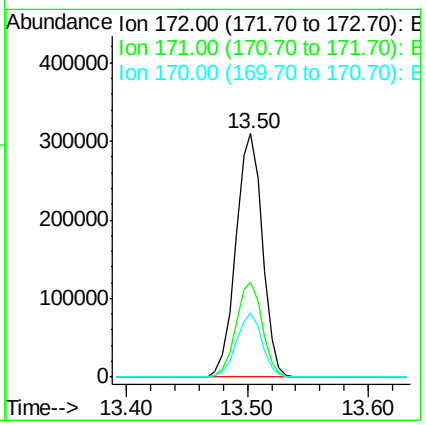


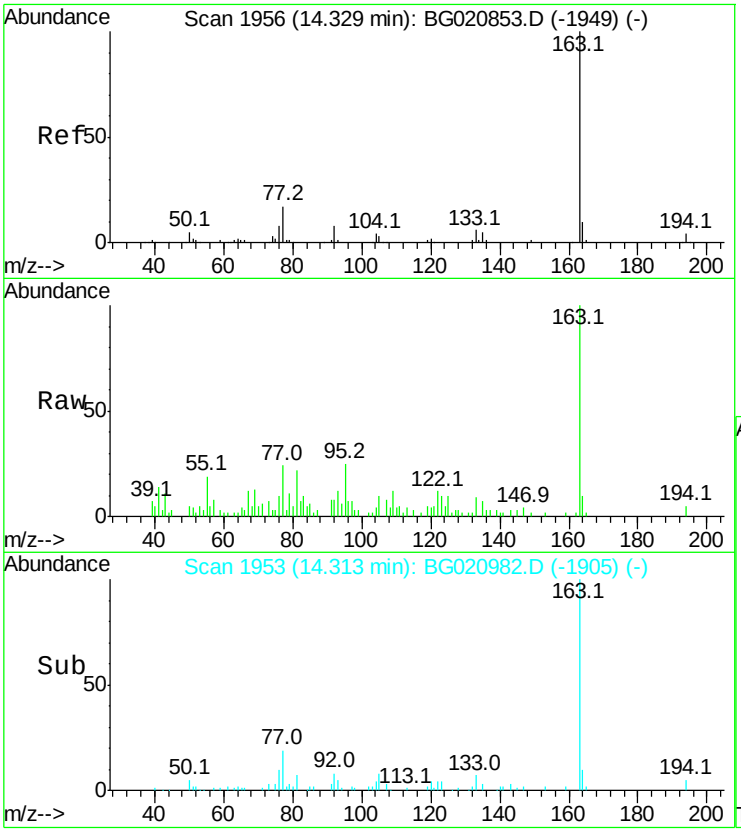


#44
2-Fluorobiphenyl
Concen: 91.61 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG020982.D
Acq: 19 Feb 2016 21:34

Tgt Ion:172 Resp: 473945

Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.2	46.8
170	26.4	20.6	30.8



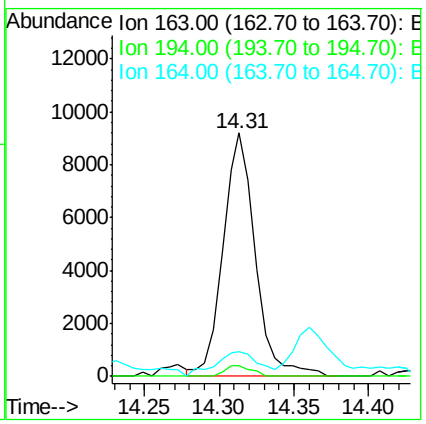


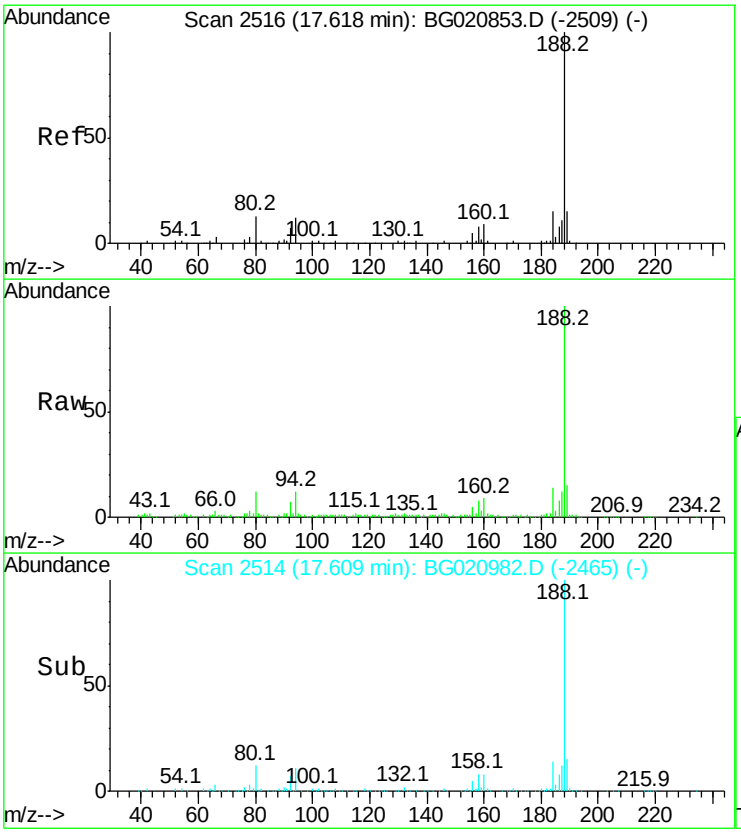
#49
Dimethylphthalate
Concen: 2.45 ng
RT: 14.31 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BG020982.D
Acq: 19 Feb 2016 21:34

Instrument :
BNA_G
ClientSampleId :
MW-3

Tgt Ion:163 Resp: 13898

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.1	4.7
164	10.4	8.3	12.5

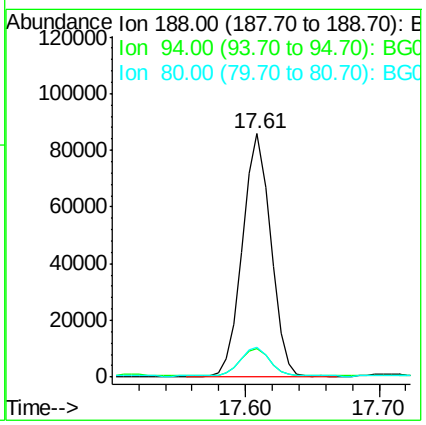


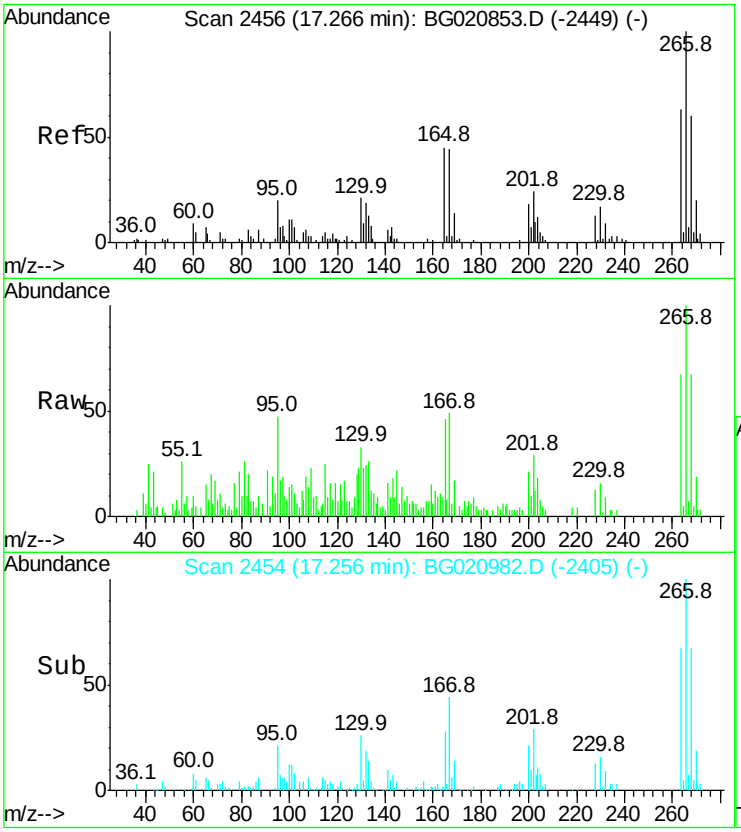


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG020982.D
Acq: 19 Feb 2016 21:34

Tgt Ion:188 Resp: 126412

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.0
80	12.2	10.2	15.4



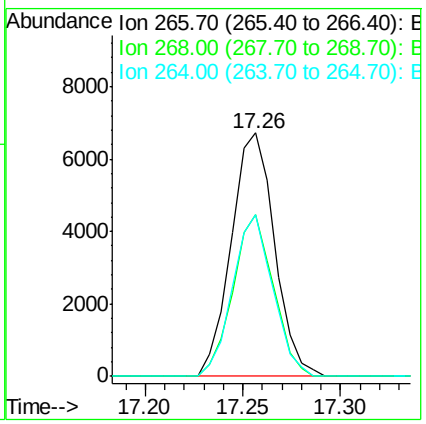


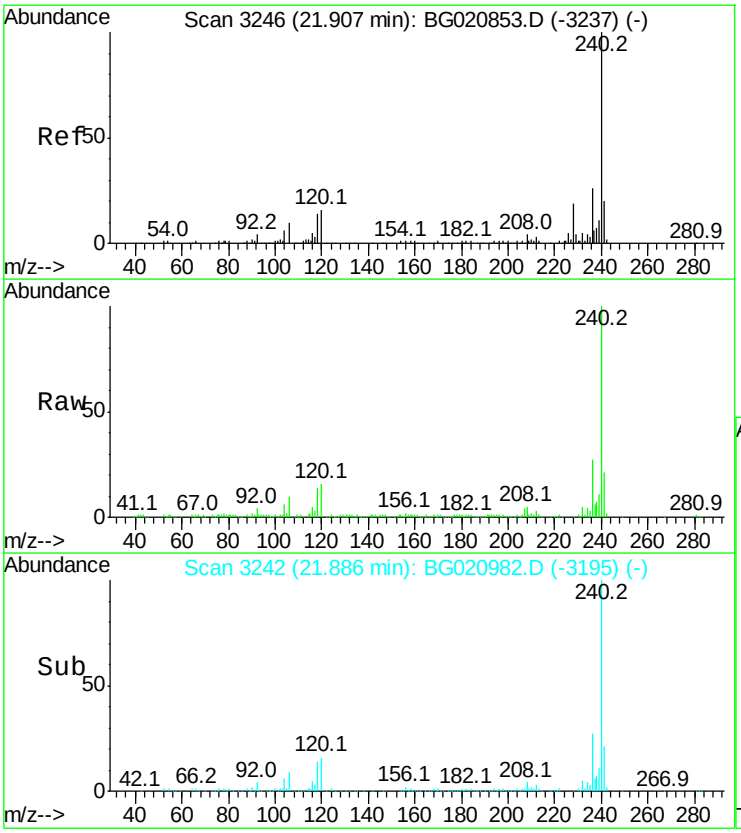
#69
Pentachlorophenol
Concen: 12.67 ng
RT: 17.26 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG020982.D
Acq: 19 Feb 2016 21:34

Instrument :
BNA_G
ClientSampleId :
MW-3

Tgt Ion:266 Resp: 10321

Ion	Ratio	Lower	Upper
266	100		
268	66.5	47.8	71.6
264	66.5	50.2	75.4

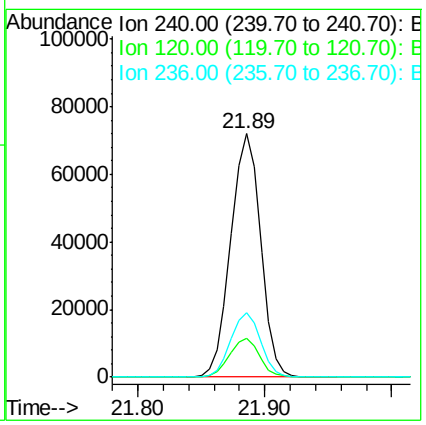


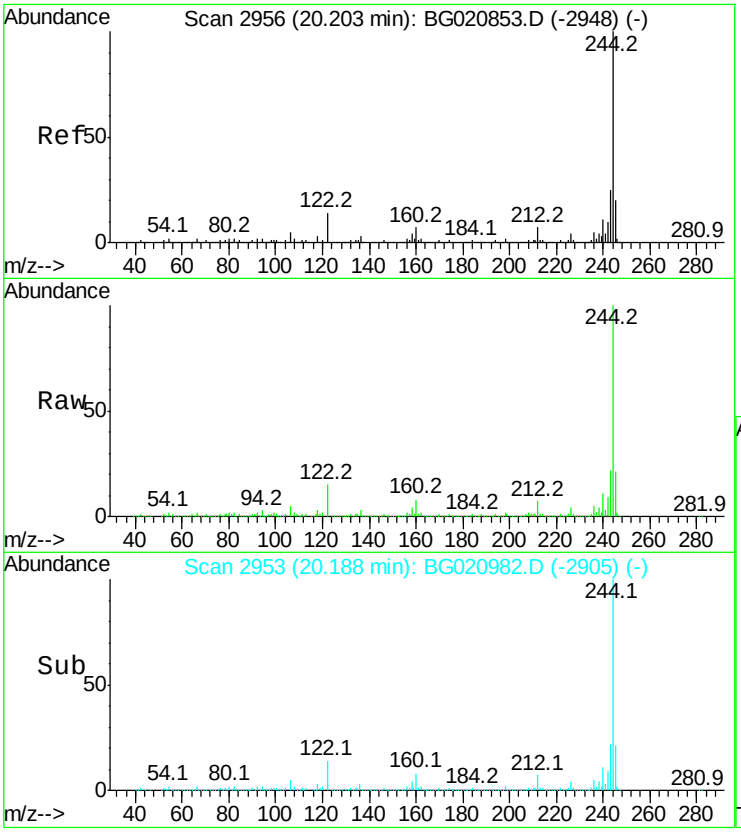


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3242
Delta R.T. -0.02 min
Lab File: BG020982.D
Acq: 19 Feb 2016 21:34

Tgt Ion:240 Resp: 117757

Ion	Ratio	Lower	Upper
240	100		
120	15.9	13.0	19.4
236	26.5	21.0	31.4



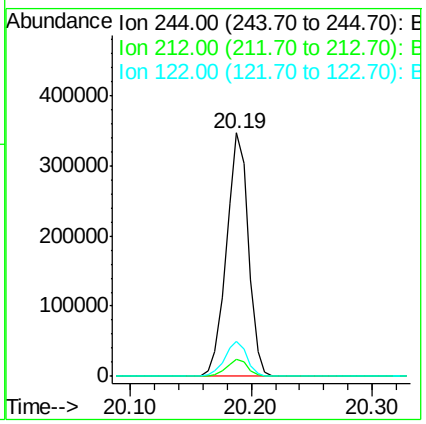


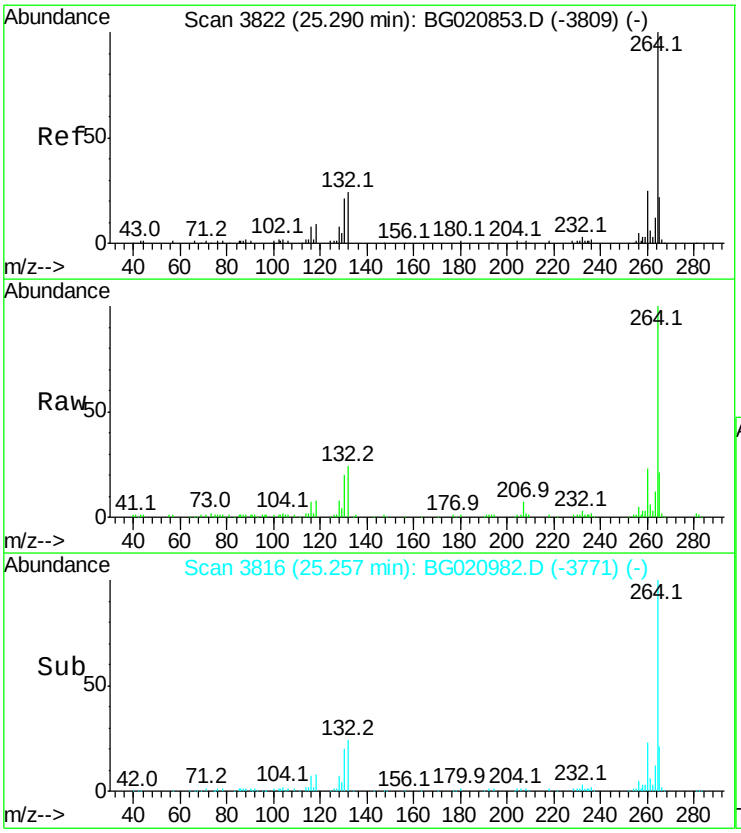
#78
Terphenyl-d14
Concen: 86.41 ng
RT: 20.19 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BG020982.D
Acq: 19 Feb 2016 21:34

Instrument :
BNA_G
ClientSampleId :
MW-3

Tgt Ion:244 Resp: 436173

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	14.5	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3816
Delta R.T. -0.03 min
Lab File: BG020982.D
Acq: 19 Feb 2016 21:34

Tgt Ion:264 Resp: 114096

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.9	29.9
265	20.9	18.0	27.0