Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020018.D
Acq On : 8 Dec 2015 15:05
Operator : UM/SJ
Sample : G4684-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : UST-5

Quant Time: Dec 09 04:04:08 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	17050	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	73376	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	51177	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	125056	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	156450	20.00	ng	-0.04
86) Perylene-d12	25.03	264	146659	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	134051	142.10	ng	0.00
7) Phenol-d6	7.26	99	195818	137.48	ng	-0.02
23) Nitrobenzene-d5	9.28	82	128499	89.38	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	97312	124.27	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	296921	79.22	ng	-0.02
78) Terphenyl-d14	20.08	244	501421	78.18	ng	-0.03
Target Compounds						Qvalue
10) Phenol	7.29	94	3298	2.20	ng	# 57
49) Dimethylphthalate	14.19	163	63858	13.87	ng	99

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

Quantitation Report (LSC Reviewed)

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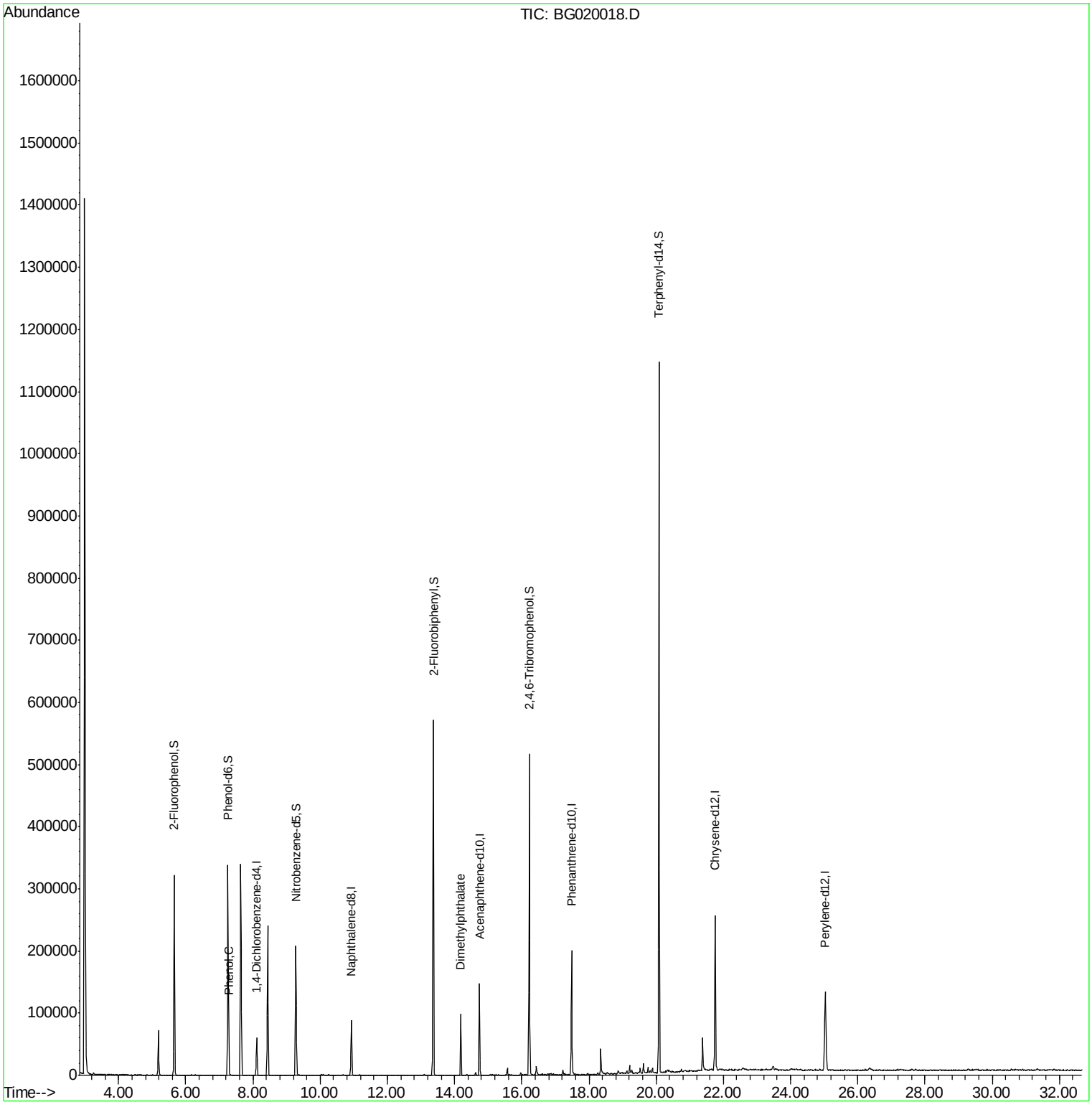
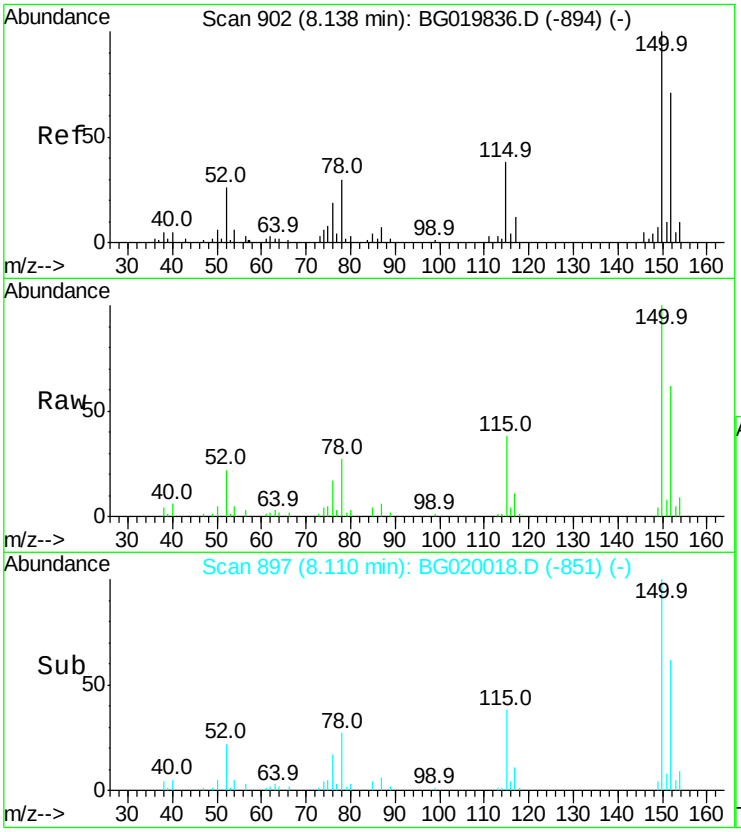


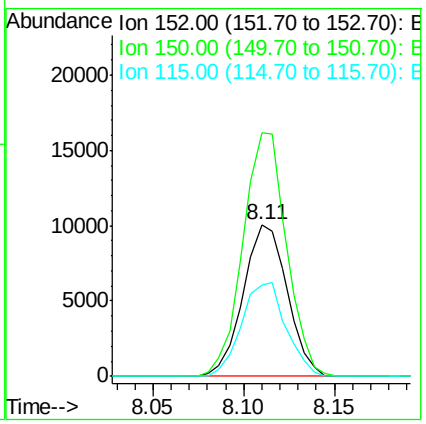


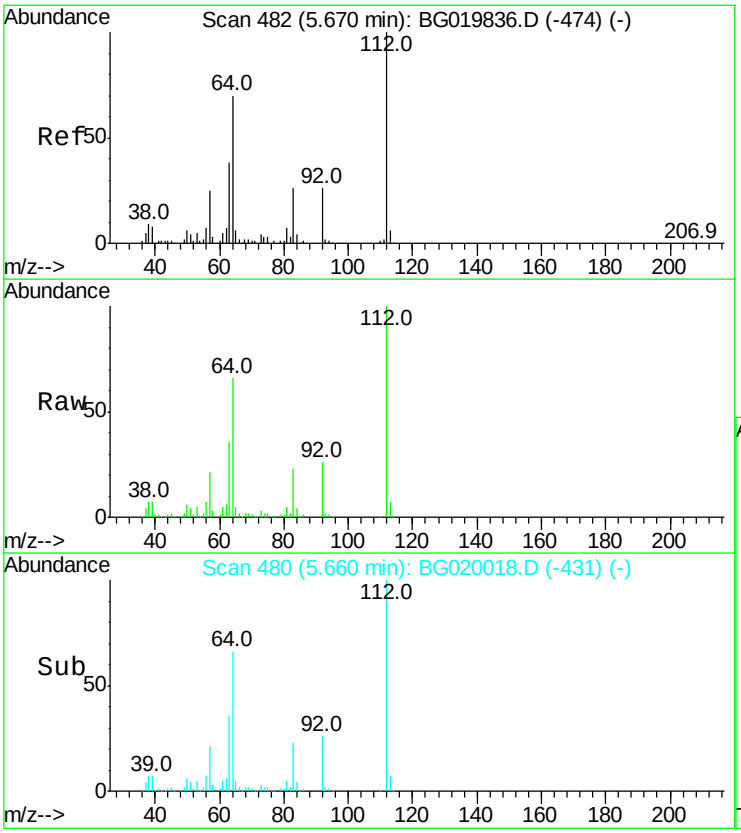
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

Instrument :
BNA_G
ClientSampleId :
UST-5

Tgt Ion:152 Resp: 17050

Ion	Ratio	Lower	Upper
152	100		
150	160.6	115.0	172.4
115	60.5	43.9	65.9

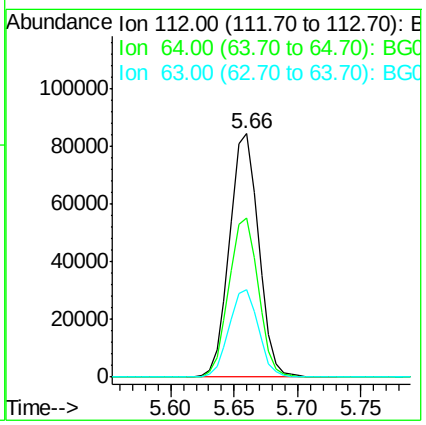


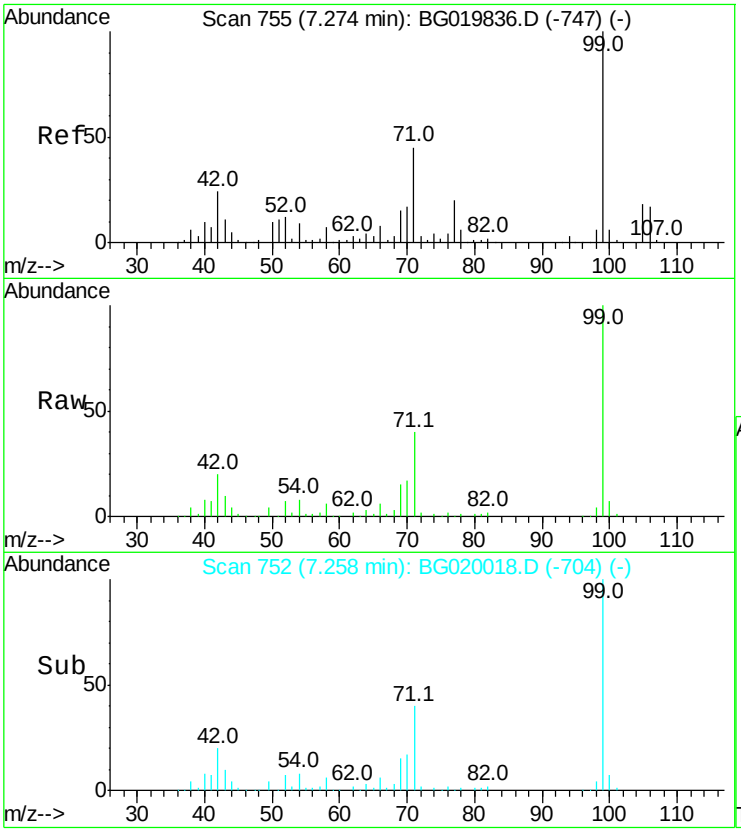


#5
2-Fluorophenol
Concen: 142.10 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

Tgt Ion:112 Resp: 134051

Ion	Ratio	Lower	Upper
112	100		
64	65.6	43.7	65.5#
63	35.8	24.0	36.0



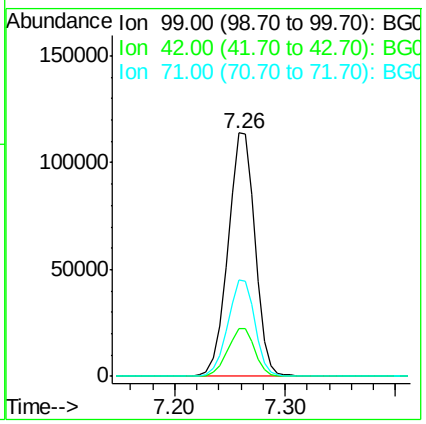


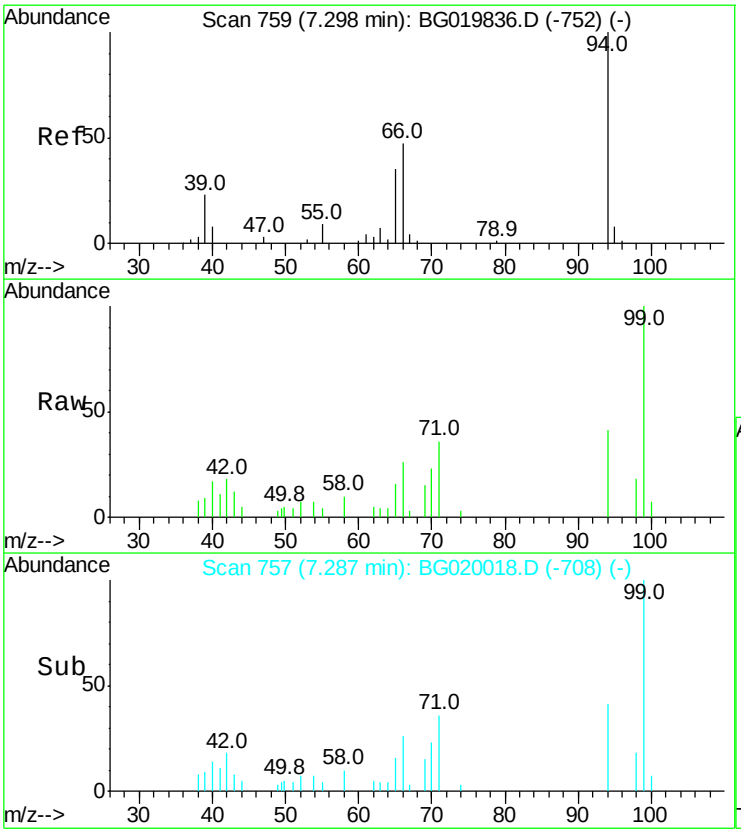
#7
Phenol-d6
Concen: 137.48 ng
RT: 7.26 min Scan# 752
Delta R.T. -0.02 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

Instrument :
BNA_G
ClientSampleId :
UST-5

Tgt Ion: 99 Resp: 195818

Ion	Ratio	Lower	Upper
99	100		
42	19.8	11.5	17.3#
71	39.6	22.6	34.0#

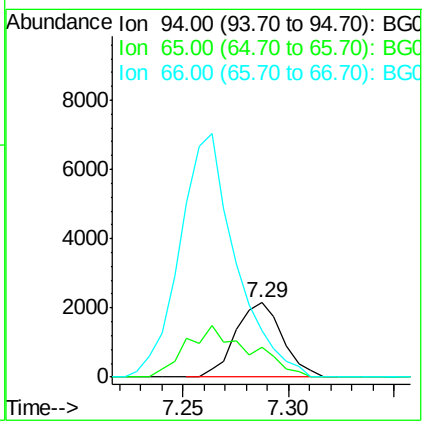


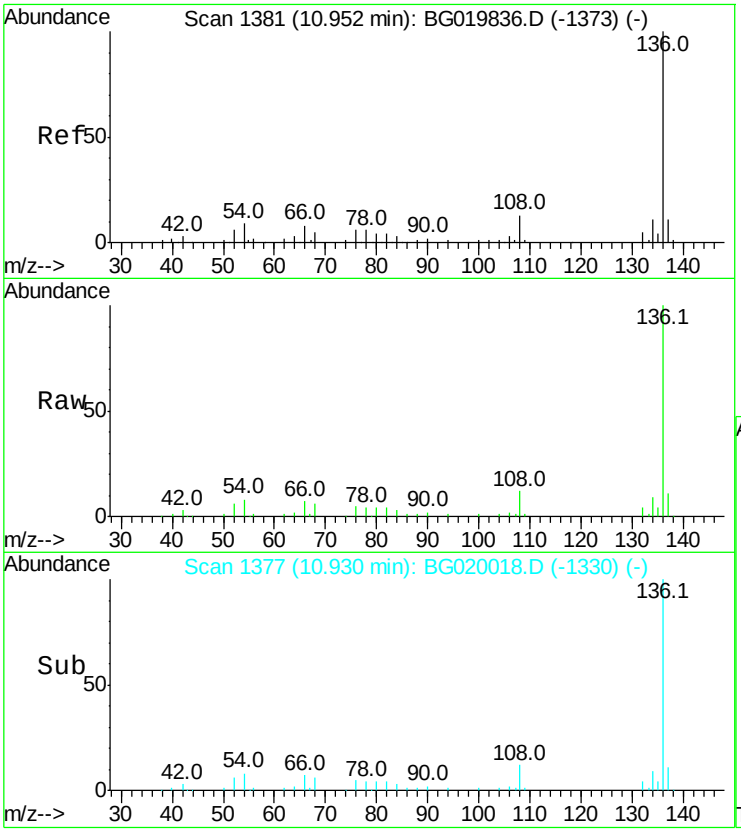


#10
Phenol
Concen: 2.20 ng
RT: 7.29 min Scan# 757
Delta R.T. -0.01 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

Tgt Ion: 94 Resp: 3298

Ion	Ratio	Lower	Upper
94	100		
65	39.5	5.4	45.4
66	62.6	11.8	51.8#



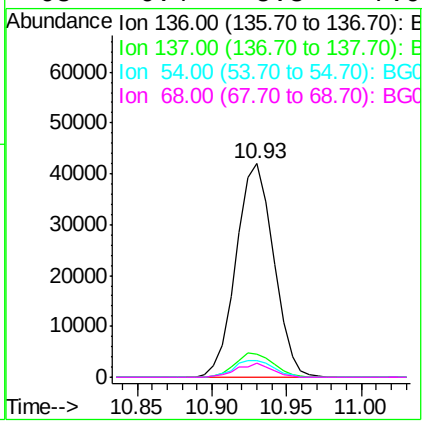


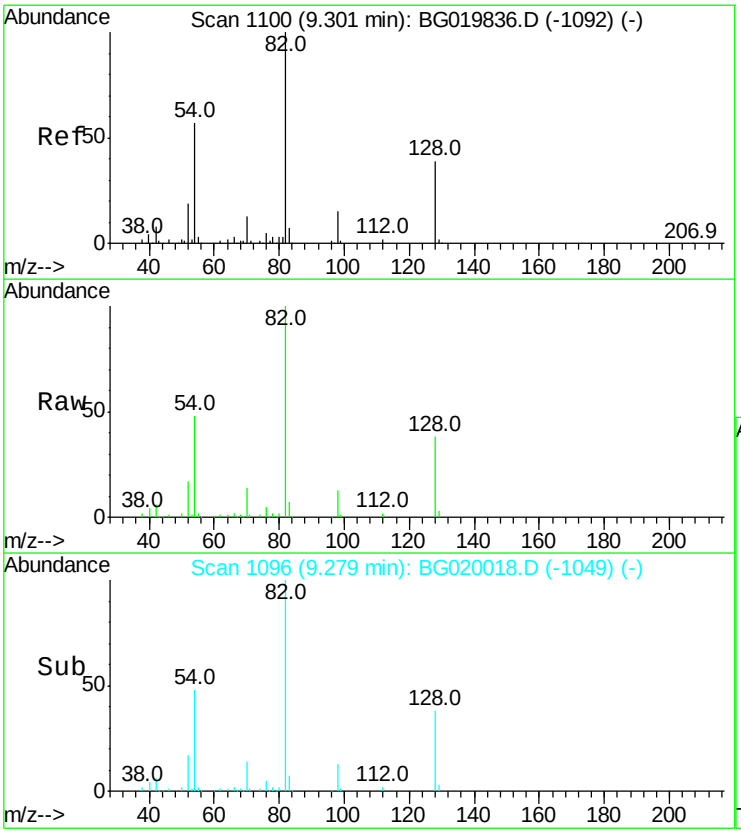
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

Instrument :
BNA_G
ClientSampleId :
UST-5

Tgt Ion:136 Resp: 73376

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	7.7	5.4	8.2
68	6.4	5.3	7.9

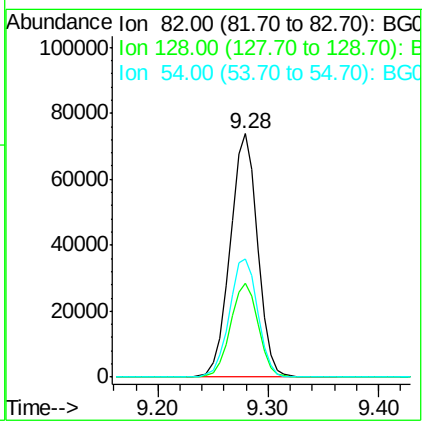


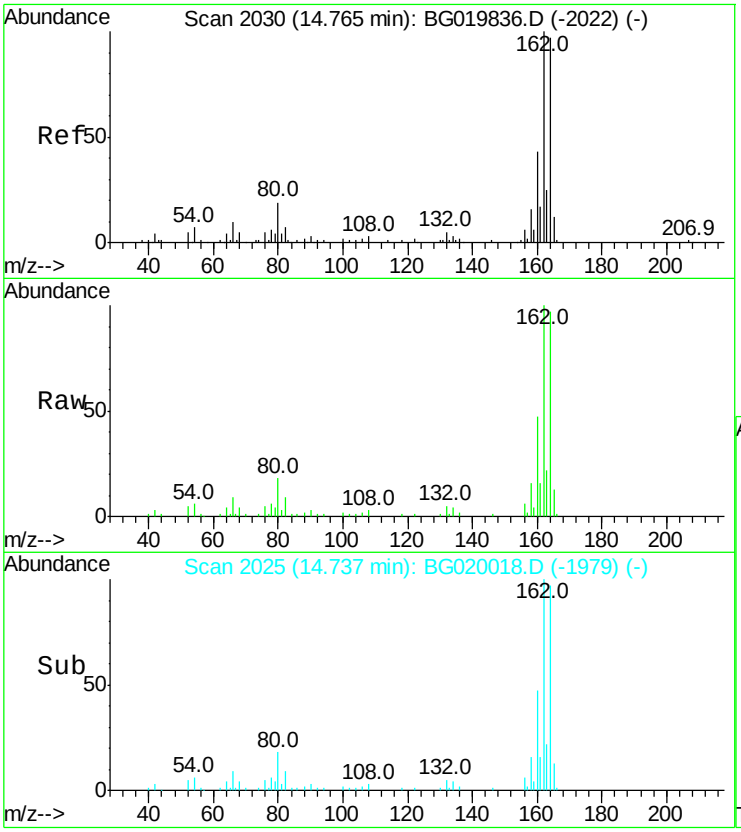


#23
Nitrobenzene-d5
Concen: 89.38 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

Tgt Ion: 82 Resp: 128499

Ion	Ratio	Lower	Upper
82	100		
128	38.3	36.7	55.1
54	48.4	33.8	50.8



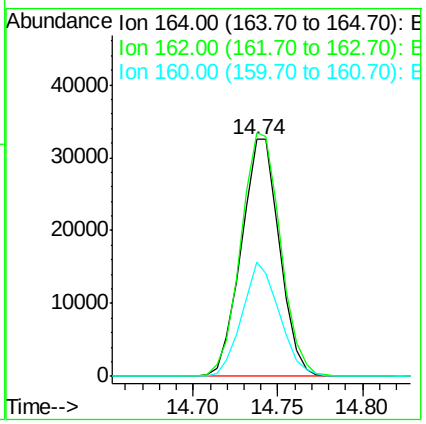


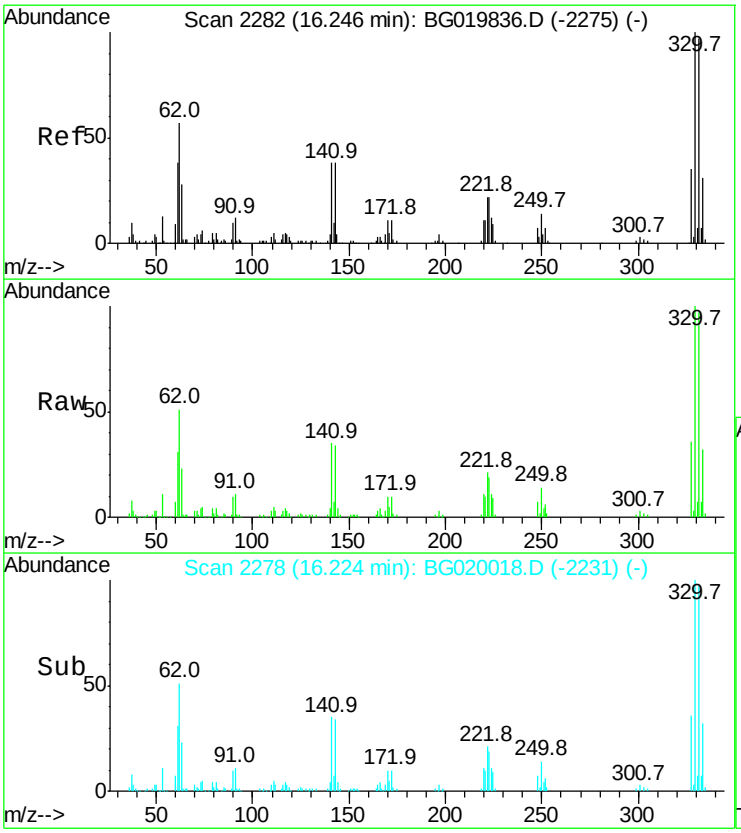
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

Instrument :
BNA_G
ClientSampleId :
UST-5

Tgt Ion:164 Resp: 51177

Ion	Ratio	Lower	Upper
164	100		
162	102.8	78.8	118.2
160	48.0	36.4	54.6

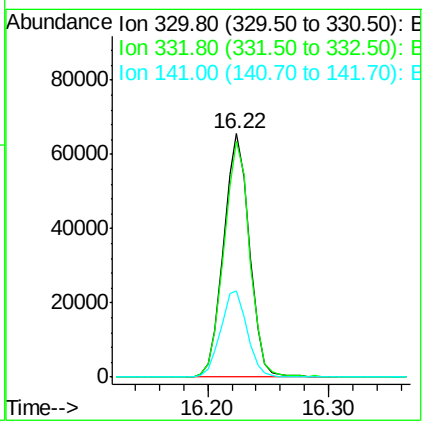


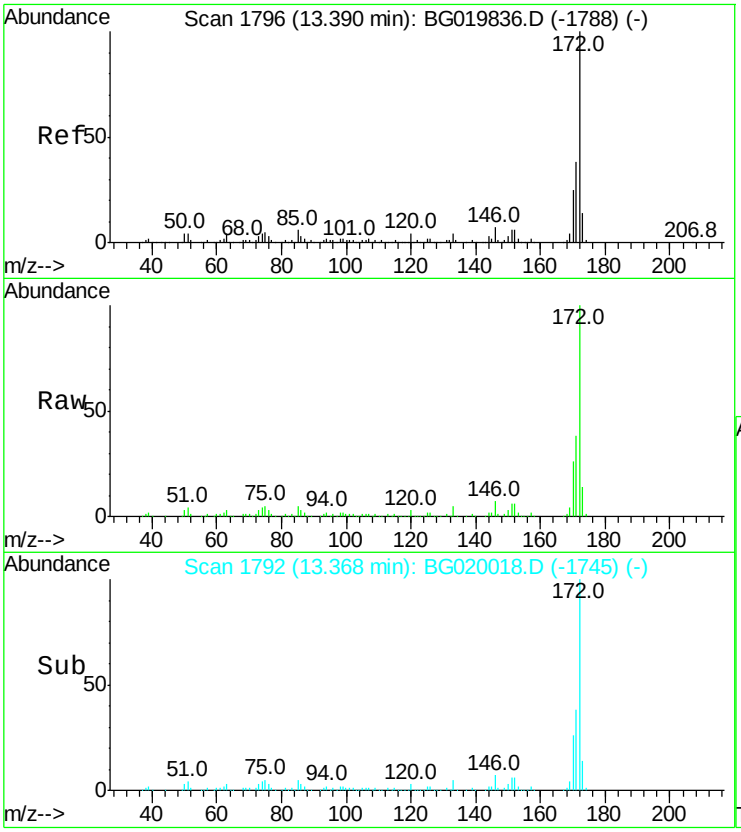


#41
2,4,6-Tribromophenol
Concen: 124.27 ng
RT: 16.22 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

Tgt Ion:330 Resp: 97312

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.1	117.1
141	36.3	28.2	42.2



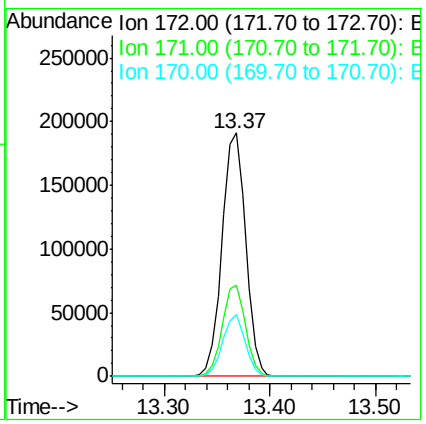


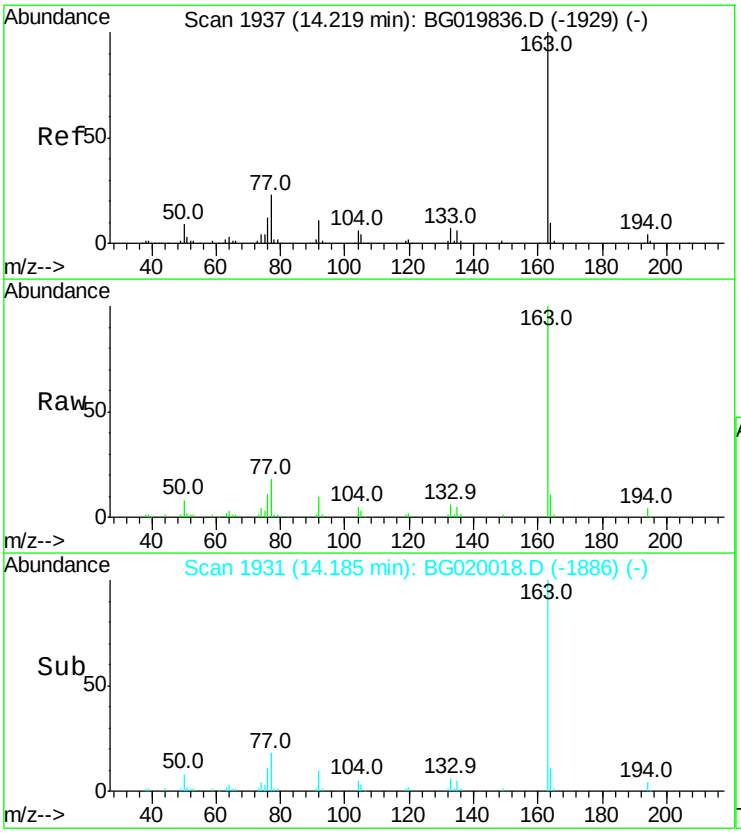
#44
2-Fluorobiphenyl
Concen: 79.22 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

Instrument :
BNA_G
ClientSampleId :
UST-5

Tgt Ion:172 Resp: 296921

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.0	43.6
170	25.6	19.9	29.9

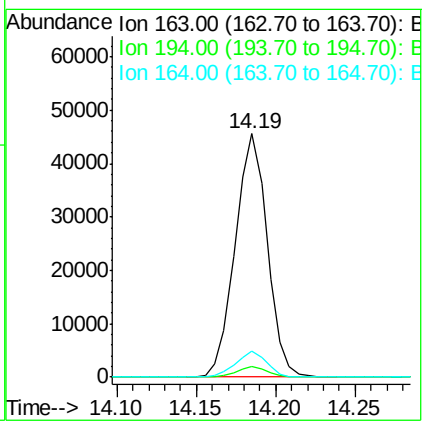


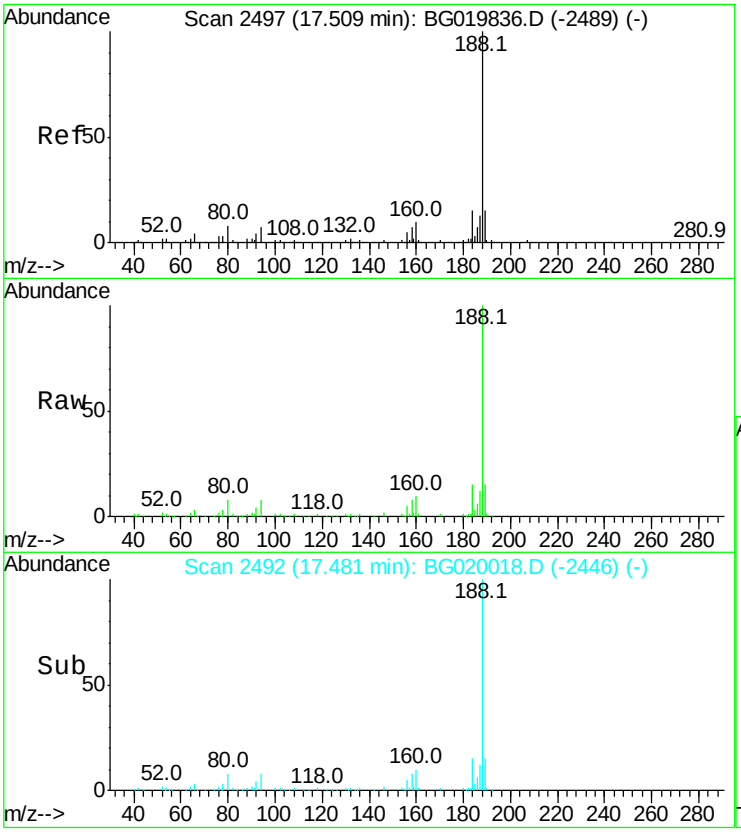


#49
Dimethylphthalate
Concen: 13.87 ng
RT: 14.19 min Scan# 1931
Delta R.T. -0.03 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

Tgt Ion:163 Resp: 63858

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	10.7	8.8	13.2



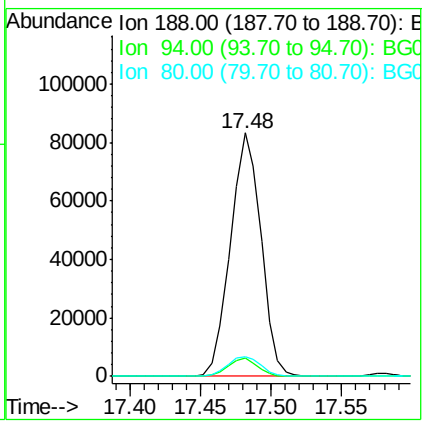


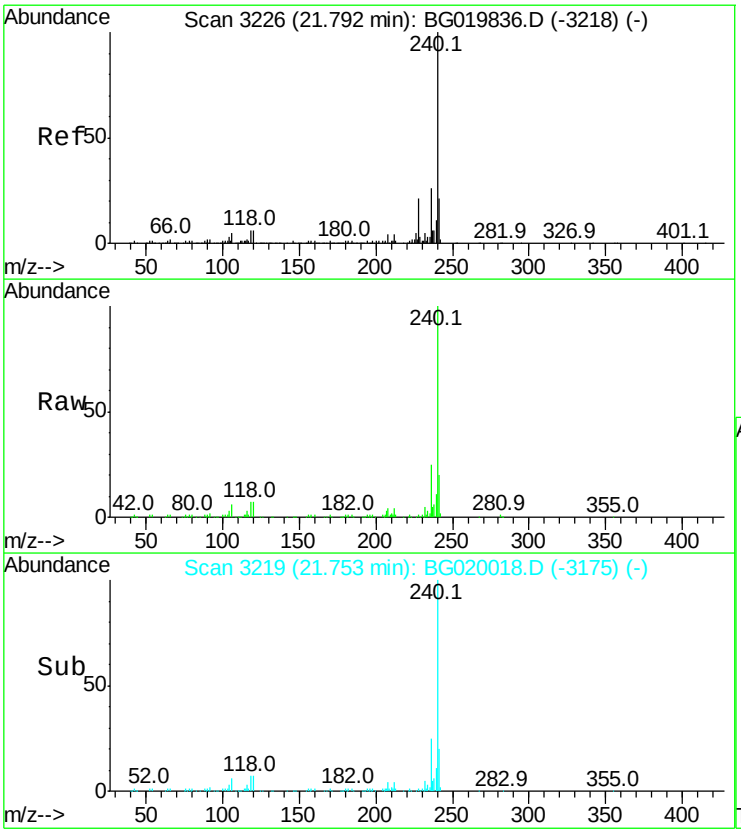
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

Instrument :
BNA_G
ClientSampleId :
UST-5

Tgt Ion:188 Resp: 125056

Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.7	11.5
80	8.2	7.8	11.8

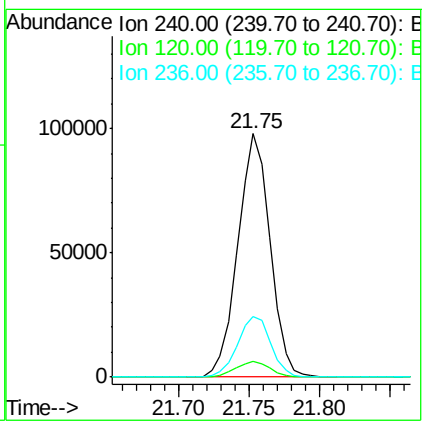


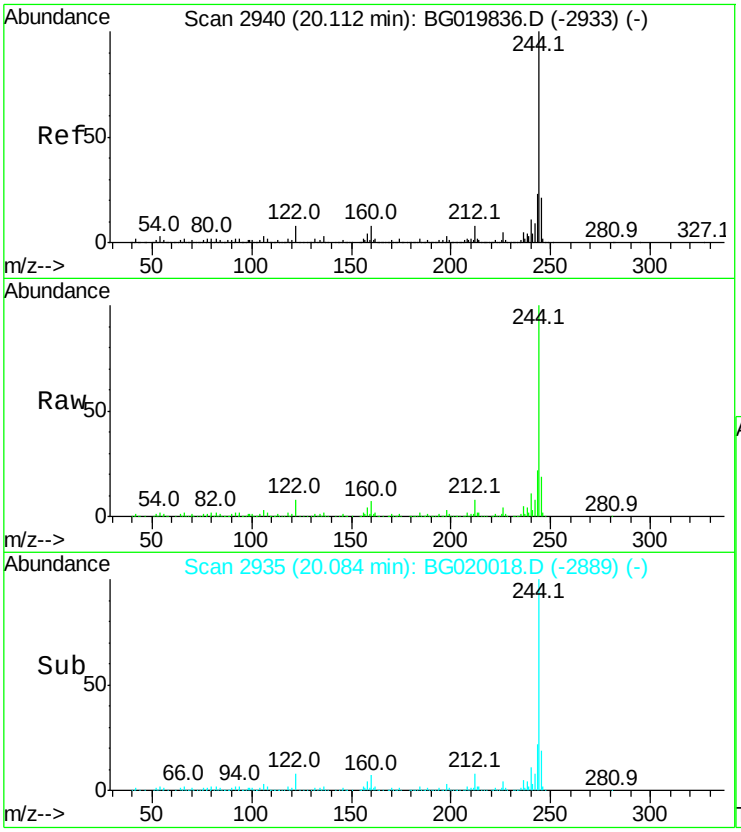


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

Tgt Ion:240 Resp: 156450

Ion	Ratio	Lower	Upper
240	100		
120	6.6	7.4	11.0#
236	25.1	20.7	31.1



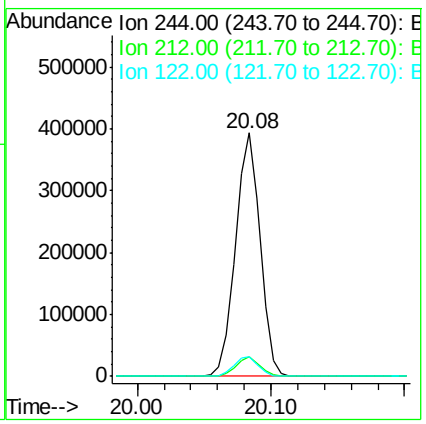


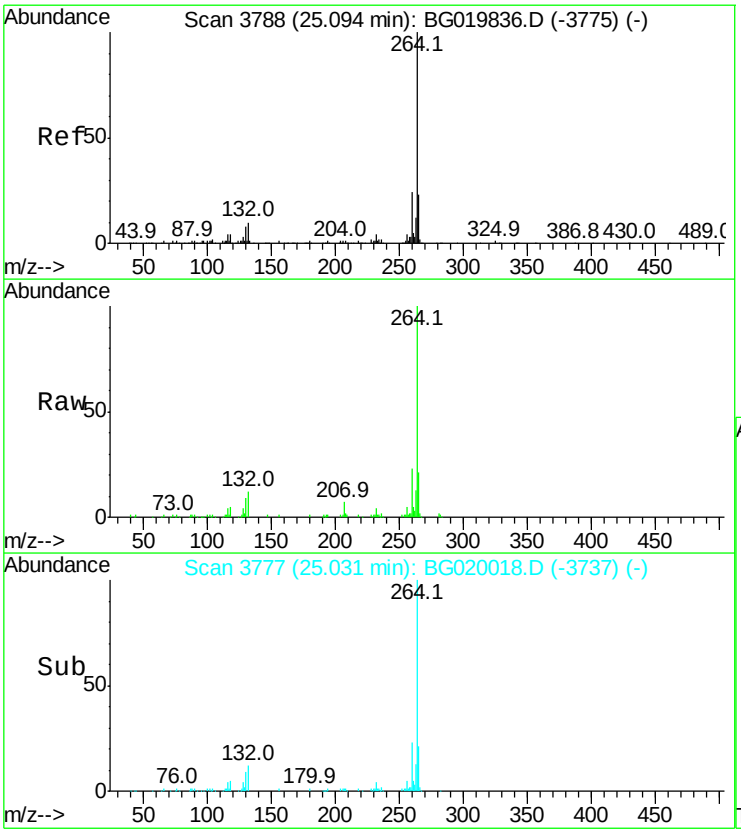
#78
Terphenyl-d14
Concen: 78.18 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.03 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

Instrument :
BNA_G
ClientSampleId :
UST-5

Tgt Ion:244 Resp: 501421

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.9	10.3
122	7.8	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3777
Delta R.T. -0.06 min
Lab File: BG020018.D
Acq: 8 Dec 2015 15:05

Tgt Ion:264 Resp: 146659

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	21.0	17.2	25.8