Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019957.D
Acq On : 6 Dec 2015 00:44
Operator : UM/NP
Sample : G4630-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11

Quant Time: Dec 07 02:57:22 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	8.12	152	33316	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	146121	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	102873	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	253417	20.00	ng	-0.02
75) Chrysene-d12	21.75	240	308936	20.00	ng	-0.04
86) Perylene-d12	25.04	264	292920	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	135009	73.24	ng	0.00
7) Phenol-d6	7.26	99	127041	45.65	ng	-0.02
23) Nitrobenzene-d5	9.29	82	285222	99.62	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	215239	136.74	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	683018	90.66	ng	-0.02
78) Terphenyl-d14	20.08	244	1089188	86.00	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	10.98	128	84912	10.85	ng	# 93
37) 2-Methylnaphthalene	12.58	142	40615	7.08	ng	# 93

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019957.D
Acq On : 6 Dec 2015 00:44
Operator : UM/NP
Sample : G4630-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-11

Quant Time: Dec 07 02:57:22 2015
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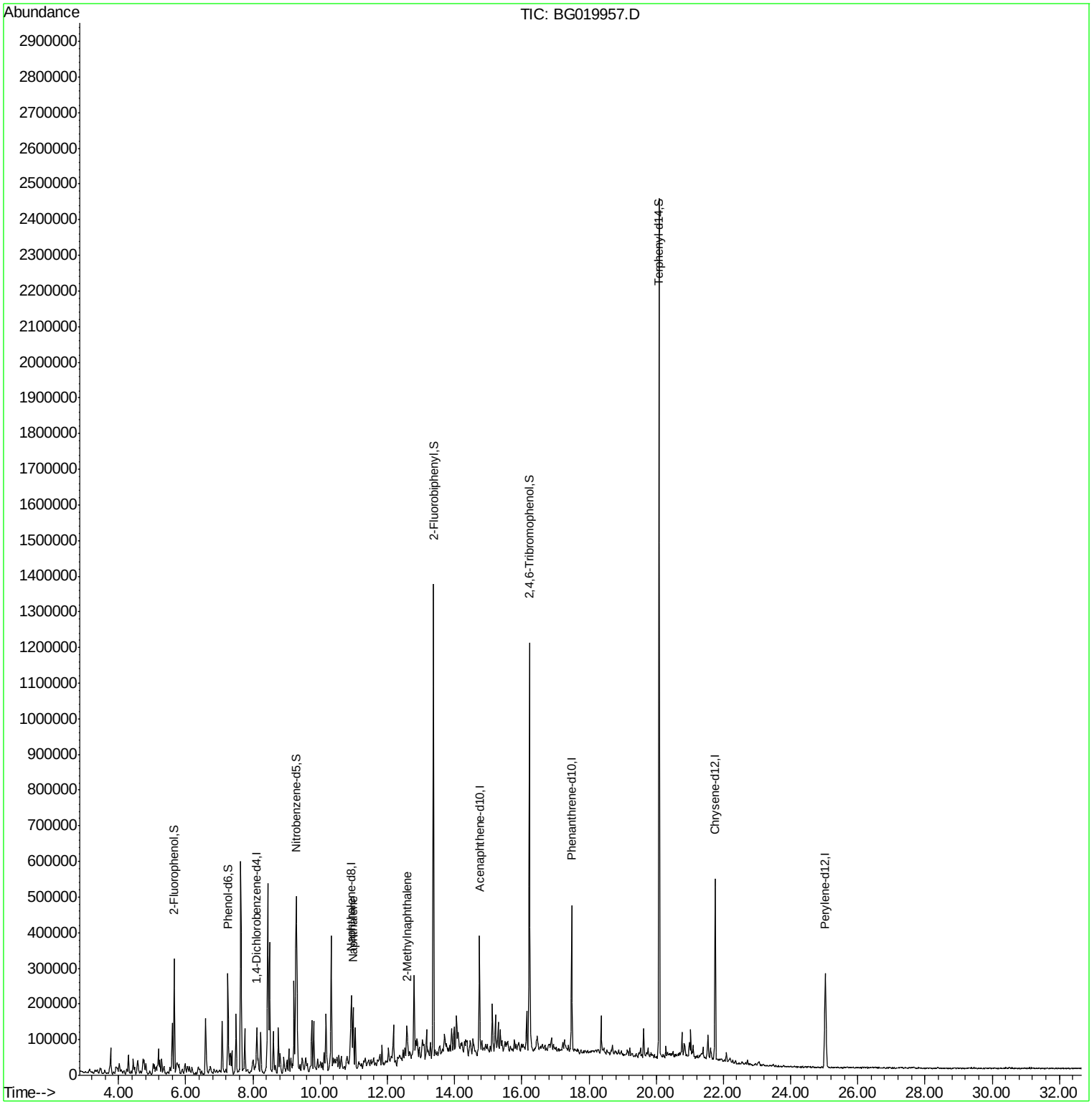
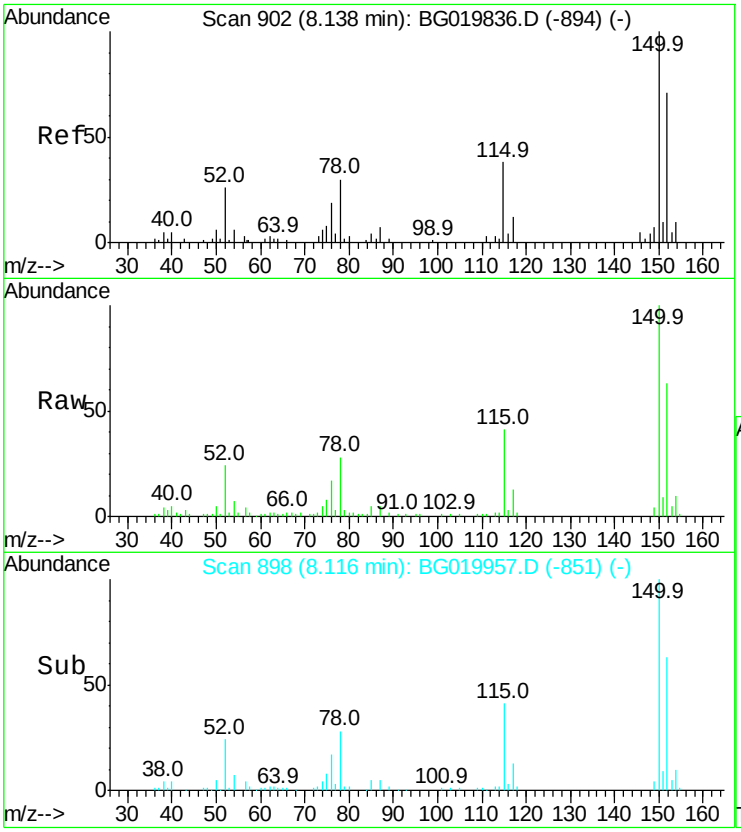


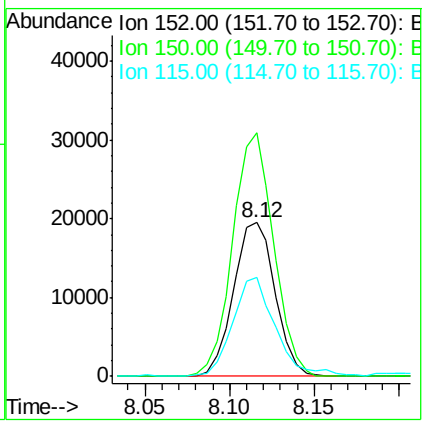


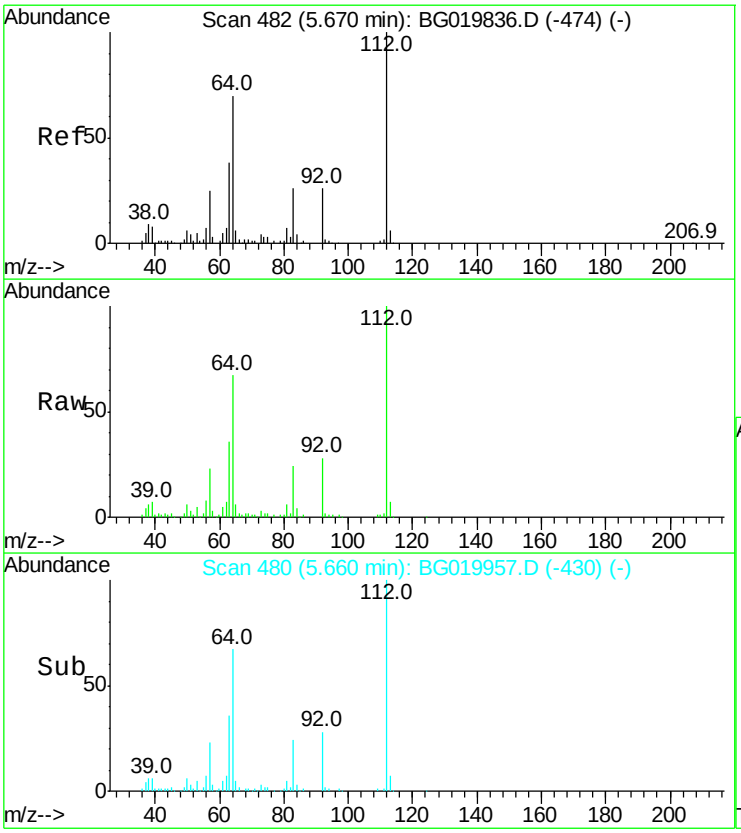
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019957.D
Acq: 6 Dec 2015 00:44

Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion:152 Resp: 33316

Ion	Ratio	Lower	Upper
152	100		
150	158.3	115.0	172.4
115	64.7	43.9	65.9

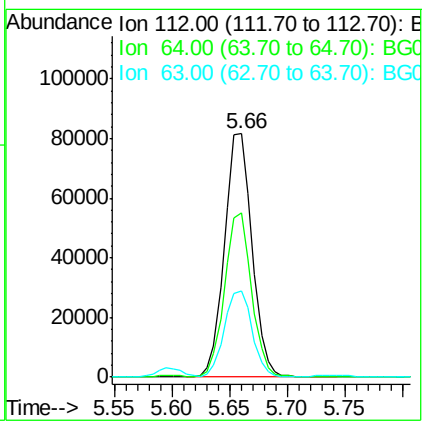


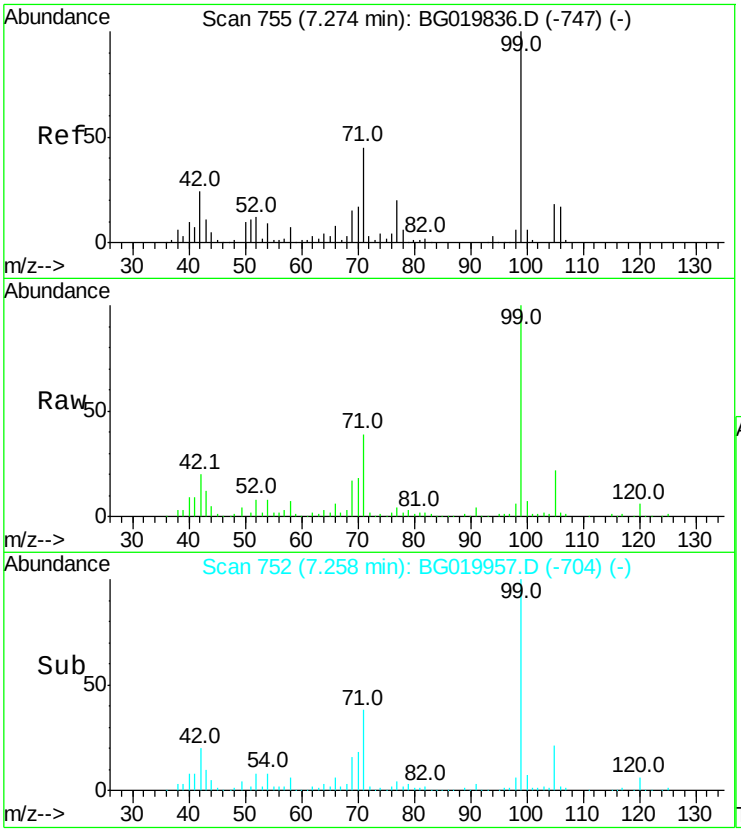


#5
2-Fluorophenol
Concen: 73.24 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019957.D
Acq: 6 Dec 2015 00:44

Tgt Ion:112 Resp: 135009

Ion	Ratio	Lower	Upper
112	100		
64	67.4	43.7	65.5#
63	35.5	24.0	36.0



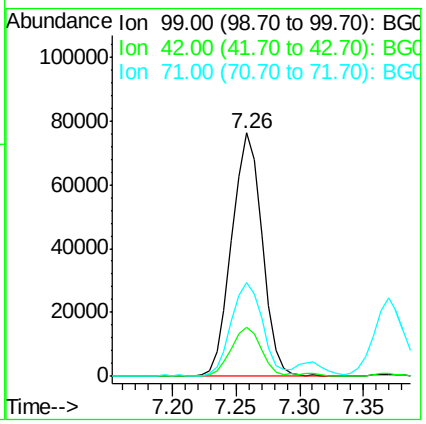


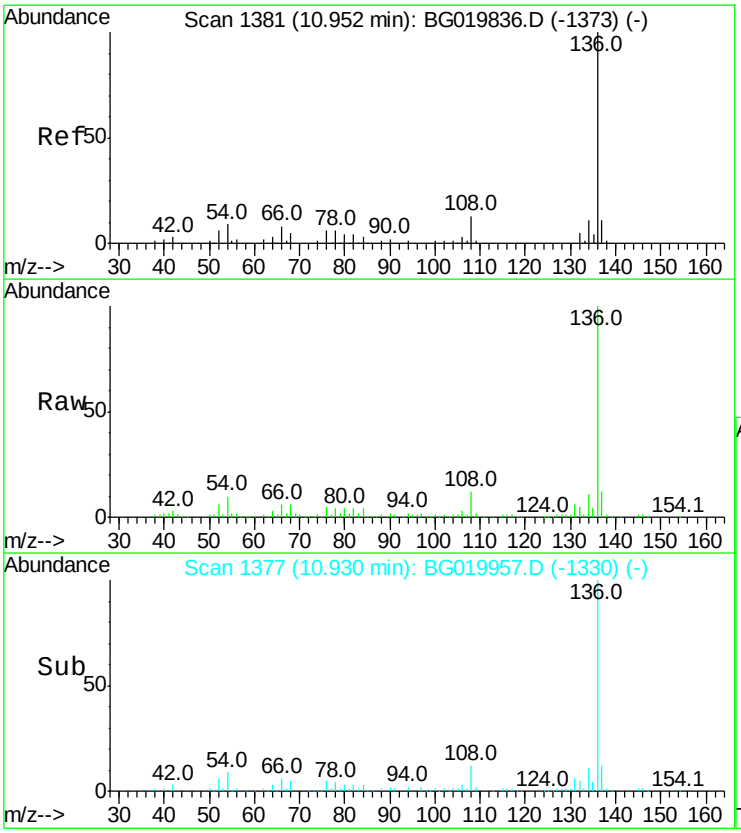
#7
Phenol-d6
Concen: 45.65 ng
RT: 7.26 min Scan# 752
Delta R.T. -0.02 min
Lab File: BG019957.D
Acq: 6 Dec 2015 00:44

Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion: 99 Resp: 127041

Ion	Ratio	Lower	Upper
99	100		
42	20.3	11.5	17.3#
71	38.8	22.6	34.0#

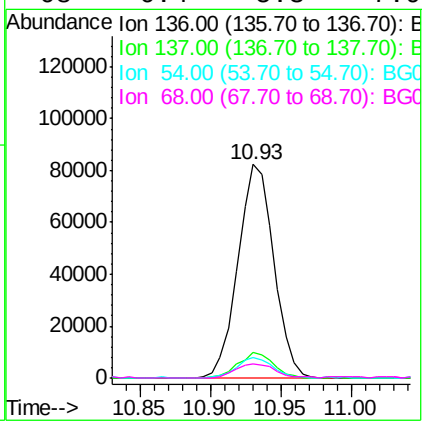


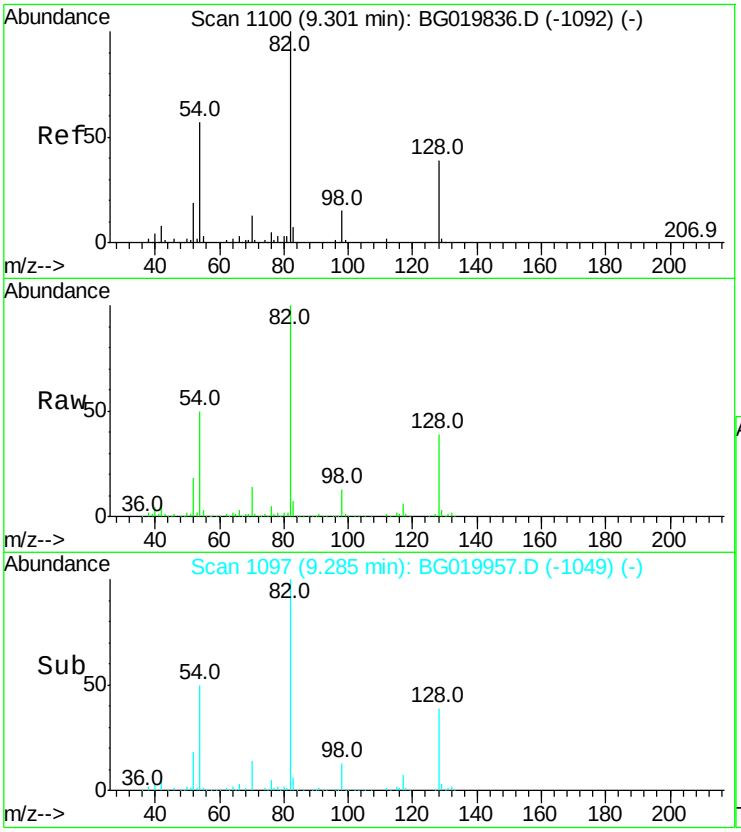


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG019957.D
Acq: 6 Dec 2015 00:44

Tgt Ion:136 Resp: 146121

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.6	12.8
54	9.7	5.4	8.2#
68	6.4	5.3	7.9



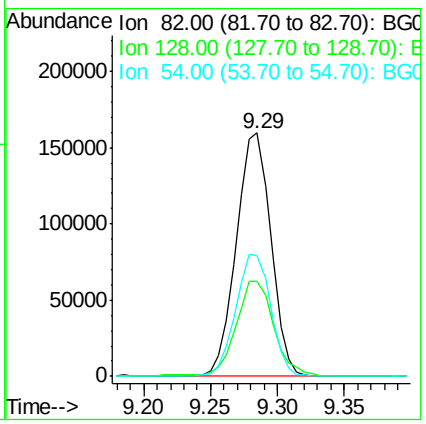


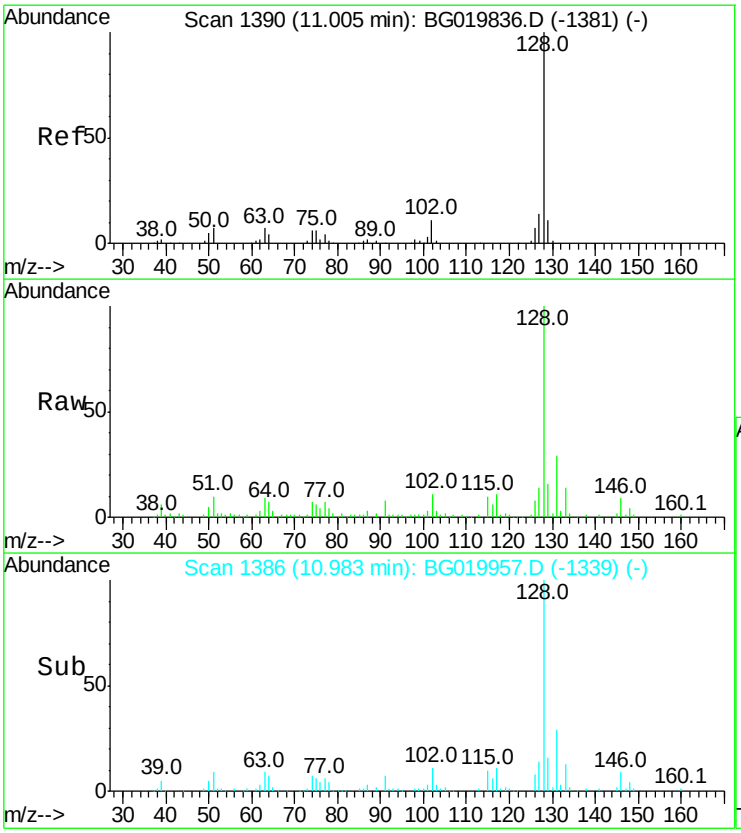
#23
Nitrobenzene-d5
Concen: 99.62 ng
RT: 9.29 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019957.D
Acq: 6 Dec 2015 00:44

Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion: 82 Resp: 285222

Ion	Ratio	Lower	Upper
82	100		
128	39.0	36.7	55.1
54	49.7	33.8	50.8

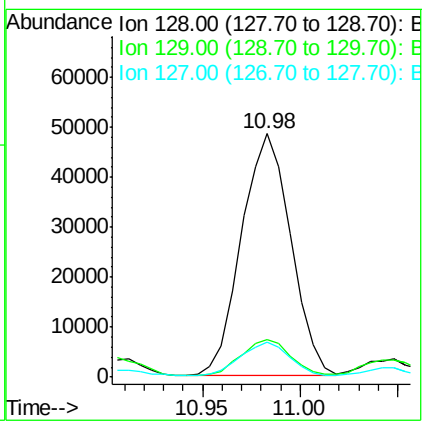


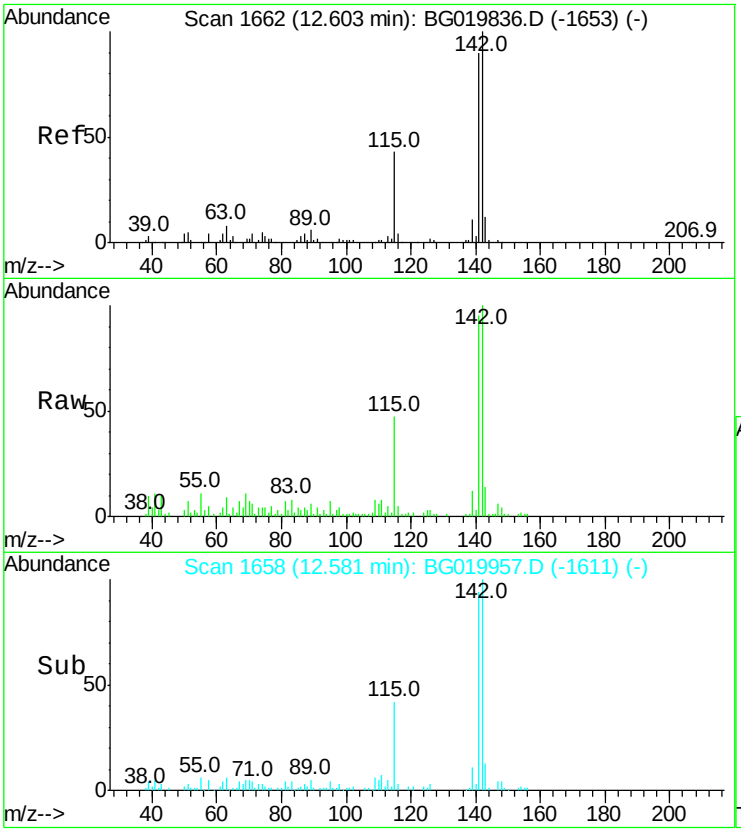


#31
Naphthalene
Concen: 10.85 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG019957.D
Acq: 6 Dec 2015 00:44

Tgt Ion:128 Resp: 84912

Ion	Ratio	Lower	Upper
128	100		
129	15.5	8.5	12.7#
127	14.2	10.6	16.0



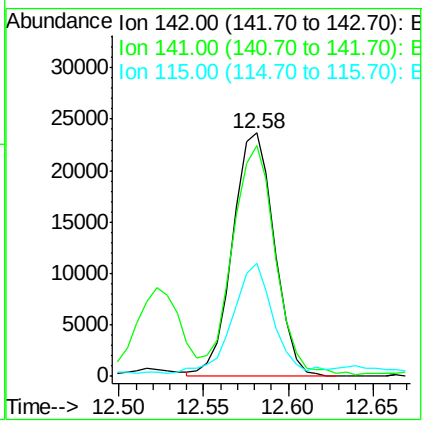


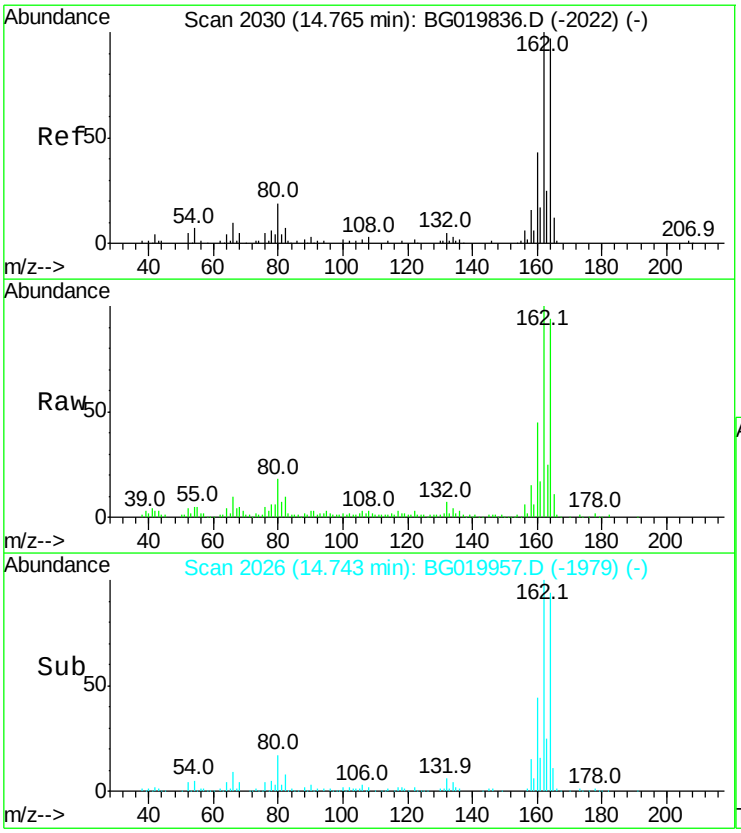
#37
2-Methylnaphthalene
Concen: 7.08 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG019957.D
Acq: 6 Dec 2015 00:44

Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion:142 Resp: 40615

Ion	Ratio	Lower	Upper
142	100		
141	95.0	74.6	112.0
115	46.6	27.4	41.0#

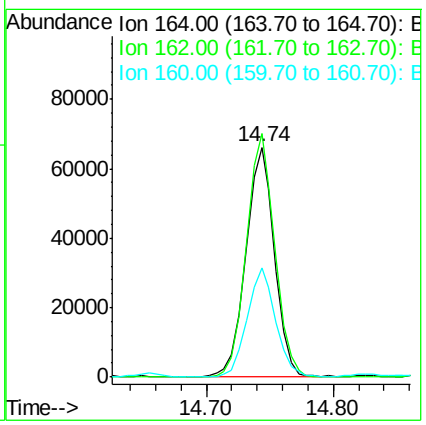


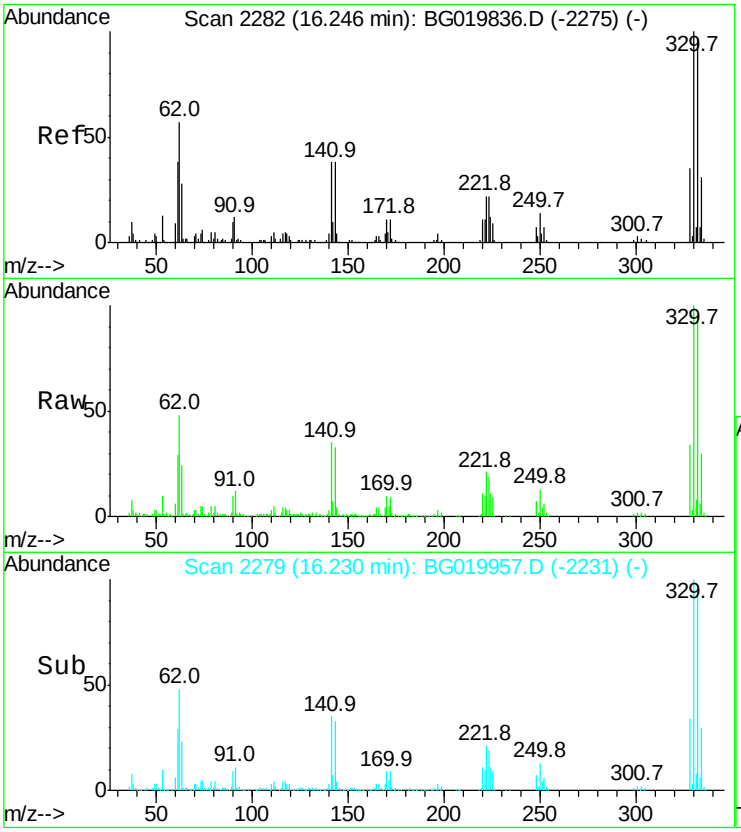


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019957.D
Acq: 6 Dec 2015 00:44

Tgt Ion:164 Resp: 102873

Ion	Ratio	Lower	Upper
164	100		
162	105.9	78.8	118.2
160	47.4	36.4	54.6



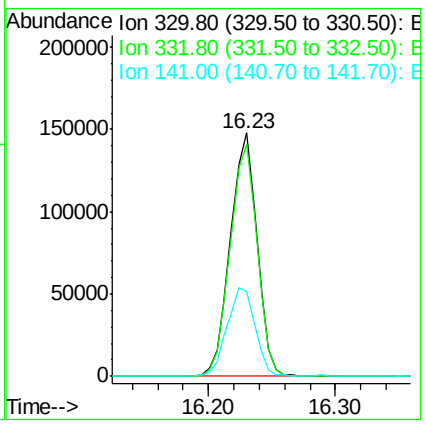


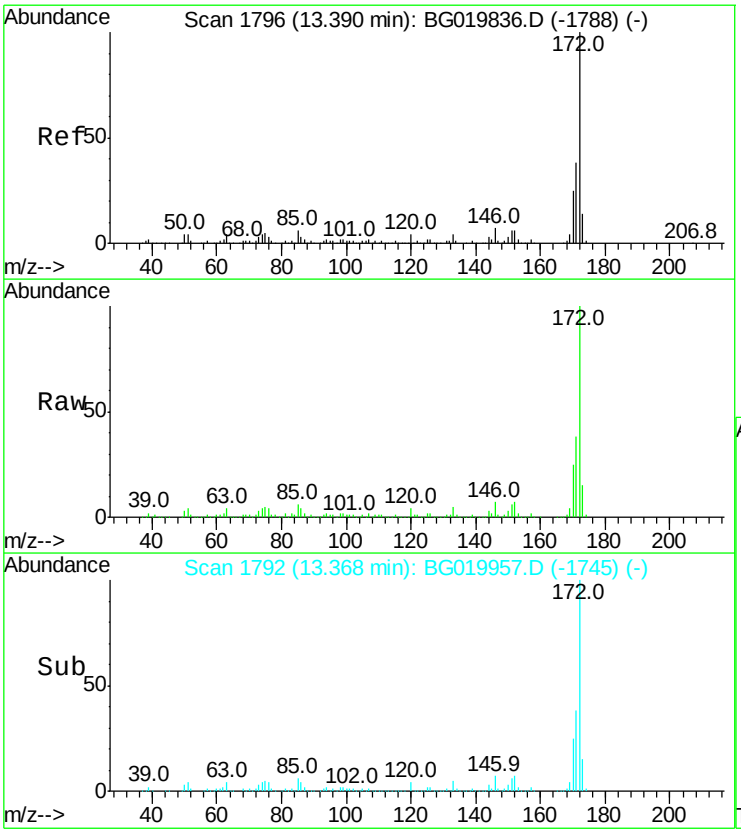
#41
2,4,6-Tribromophenol
Concen: 136.74 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BG019957.D
Acq: 6 Dec 2015 00:44

Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion:330 Resp: 215239

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.1	117.1
141	38.0	28.2	42.2

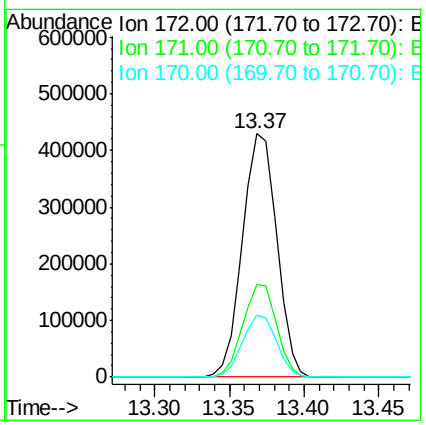


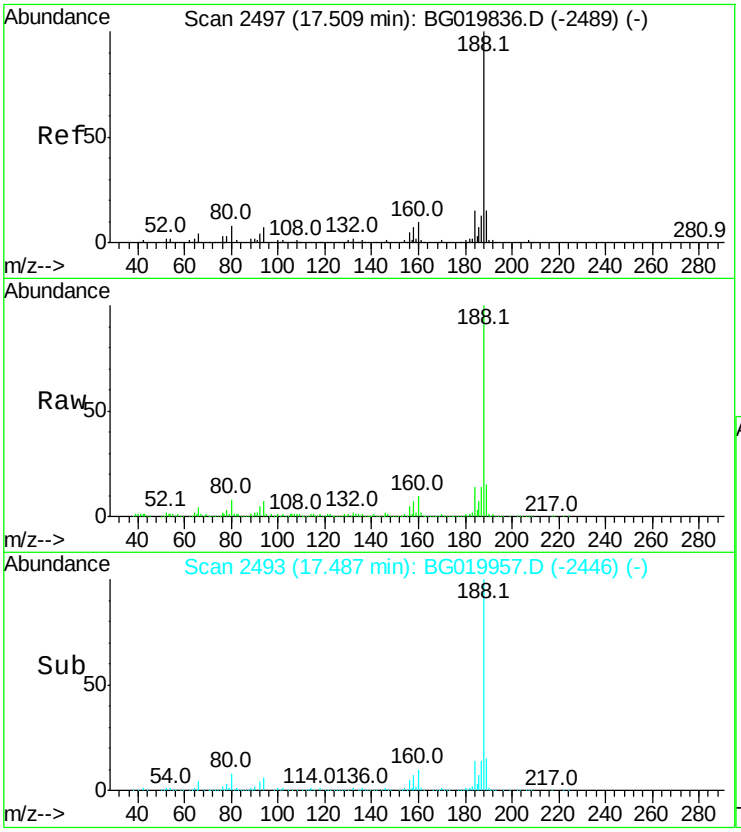


#44
2-Fluorobiphenyl
Concen: 90.66 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG019957.D
Acq: 6 Dec 2015 00:44

Tgt Ion:172 Resp: 683018

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.0	43.6
170	25.5	19.9	29.9



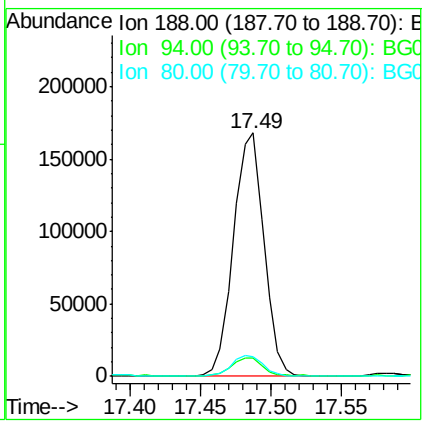


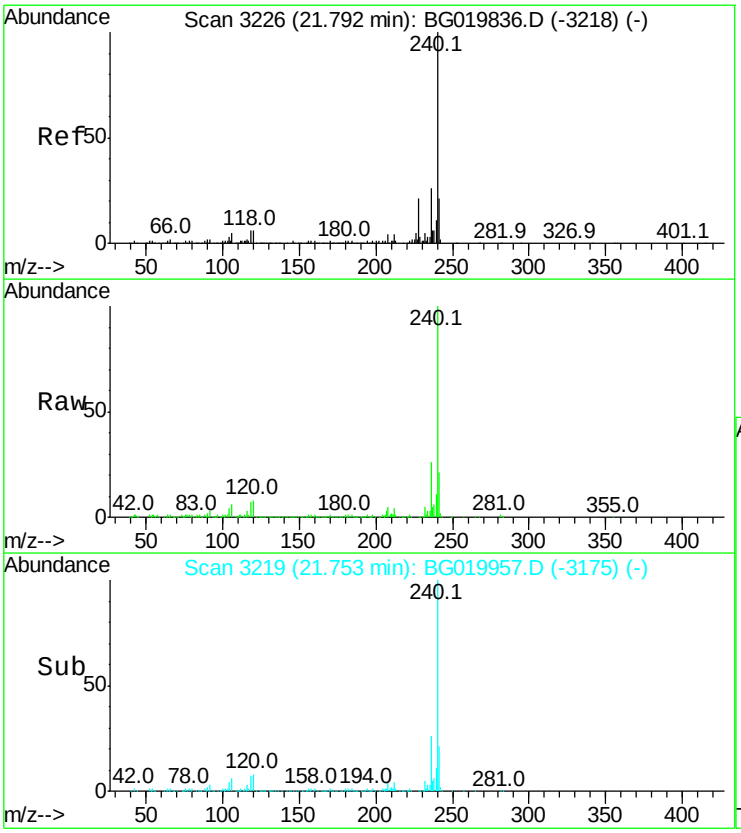
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019957.D
Acq: 6 Dec 2015 00:44

Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion:188 Resp: 253417

Ion	Ratio	Lower	Upper
188	100		
94	7.3	7.7	11.5#
80	8.3	7.8	11.8

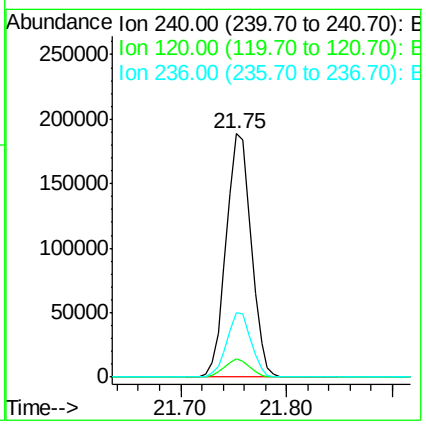


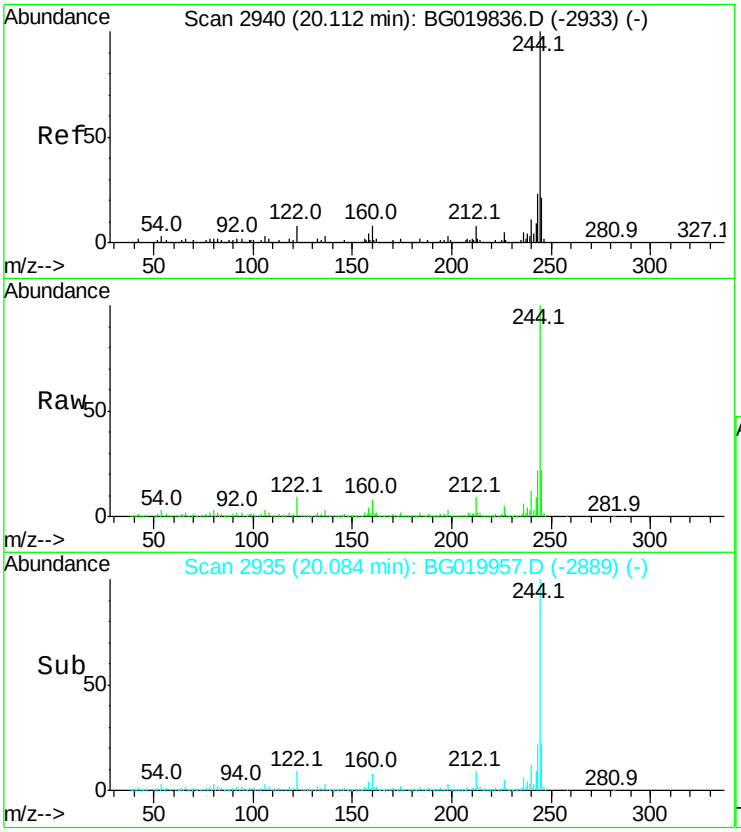


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG019957.D
Acq: 6 Dec 2015 00:44

Tgt Ion:240 Resp: 308936

Ion	Ratio	Lower	Upper
240	100		
120	7.7	7.4	11.0
236	26.2	20.7	31.1



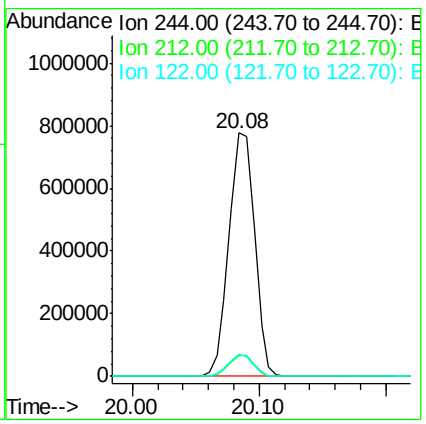


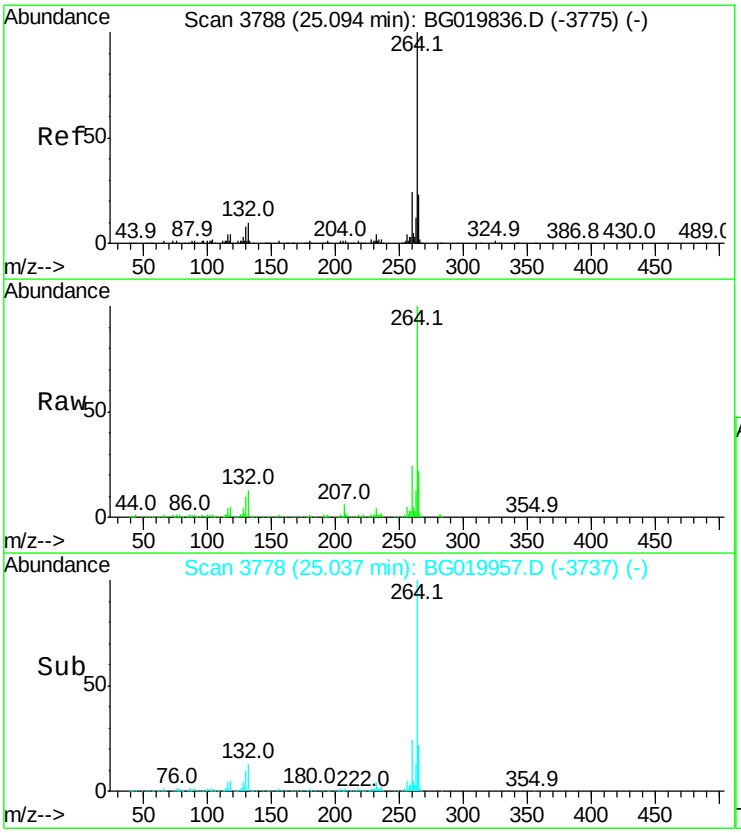
#78
Terphenyl-d14
Concen: 86.00 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.03 min
Lab File: BG019957.D
Acq: 6 Dec 2015 00:44

Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion:244 Resp: 1089188

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.9	10.3
122	9.0	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3778
Delta R.T. -0.06 min
Lab File: BG019957.D
Acq: 6 Dec 2015 00:44

Tgt Ion:264 Resp: 292920

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	22.0	17.2	25.8