Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
Data File : BG019894.D
Acq On : 4 Dec 2015 6:21
Operator : UM/NP
Sample : G4609-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3-8.5-9.0-113015

Quant Time: Dec 04 07:45:06 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	31912	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	140903	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	100333	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	256166	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	310592	20.00	ng	-0.03
86) Perylene-d12	25.05	264	293352	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	247233	140.02	ng	0.00
7) Phenol-d6	7.27	99	365911	137.26	ng	0.00
23) Nitrobenzene-d5	9.29	82	240713	87.19	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	187568	122.18	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	582133	79.22	ng	-0.01
78) Terphenyl-d14	20.10	244	995681	78.19	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.29	94	5633	2.01	ng	# 63
49) Dimethylphthalate	14.20	163	195131	21.62	ng	99

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

Quantitation Report (LSC Reviewed)

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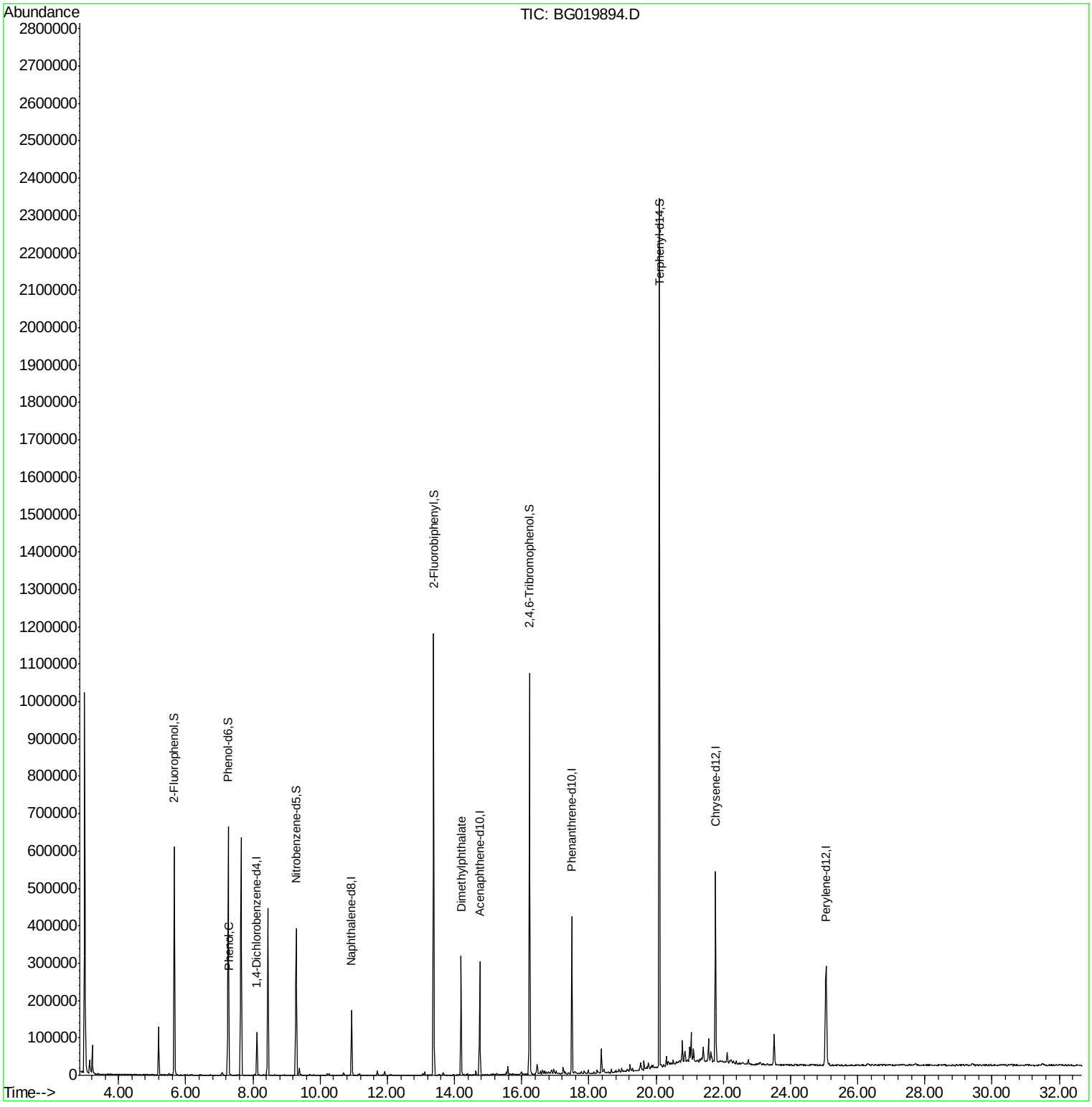
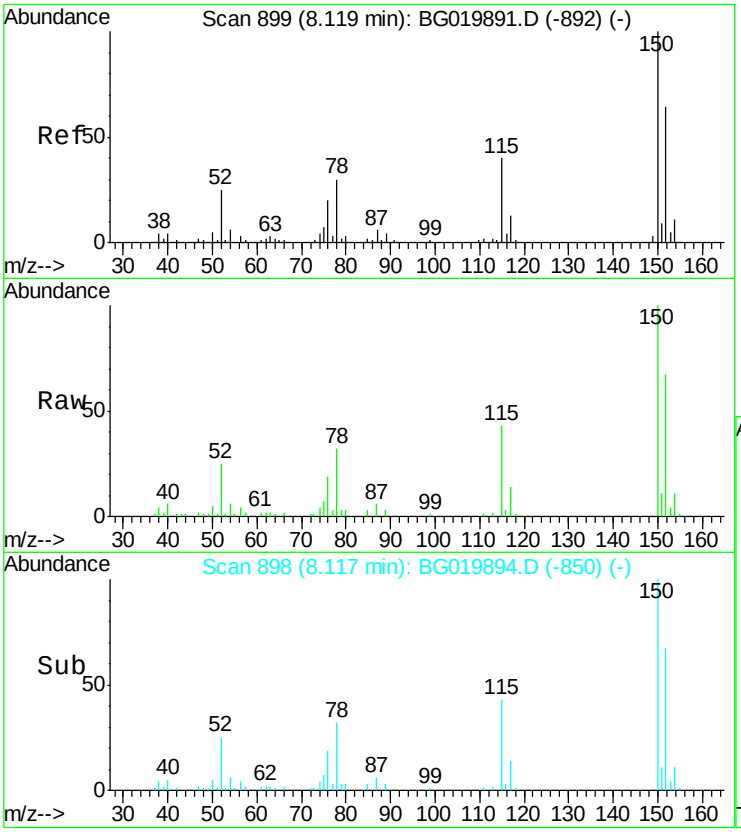


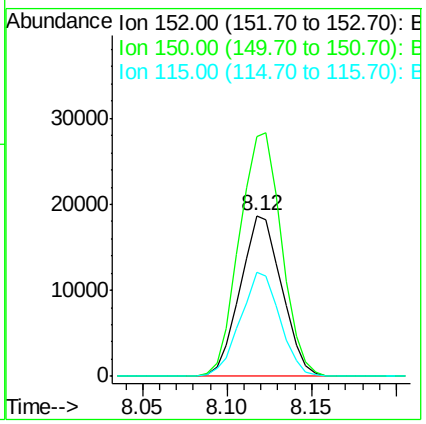


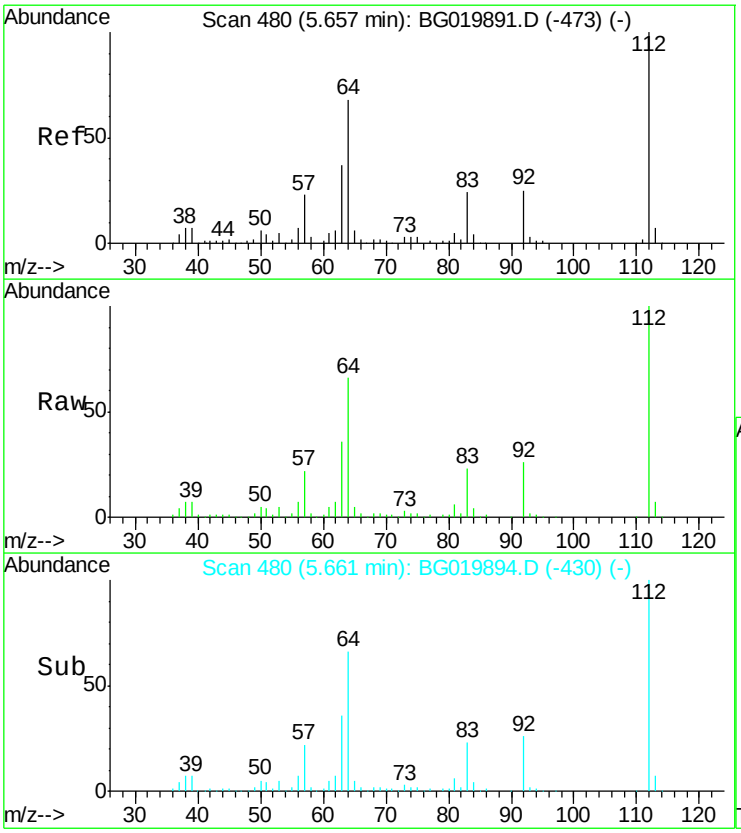
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019894.D
Acq: 4 Dec 2015 6:21

Instrument :
BNA_G
ClientSampleId :
SB-3-8.5-9.0-113015

Tgt Ion:152 Resp: 31912

Ion	Ratio	Lower	Upper
152	100		
150	149.3	115.0	172.4
115	64.6	43.9	65.9

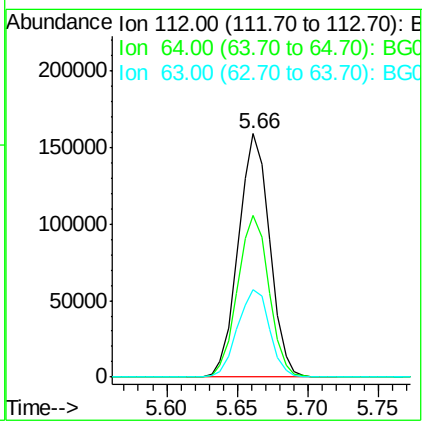


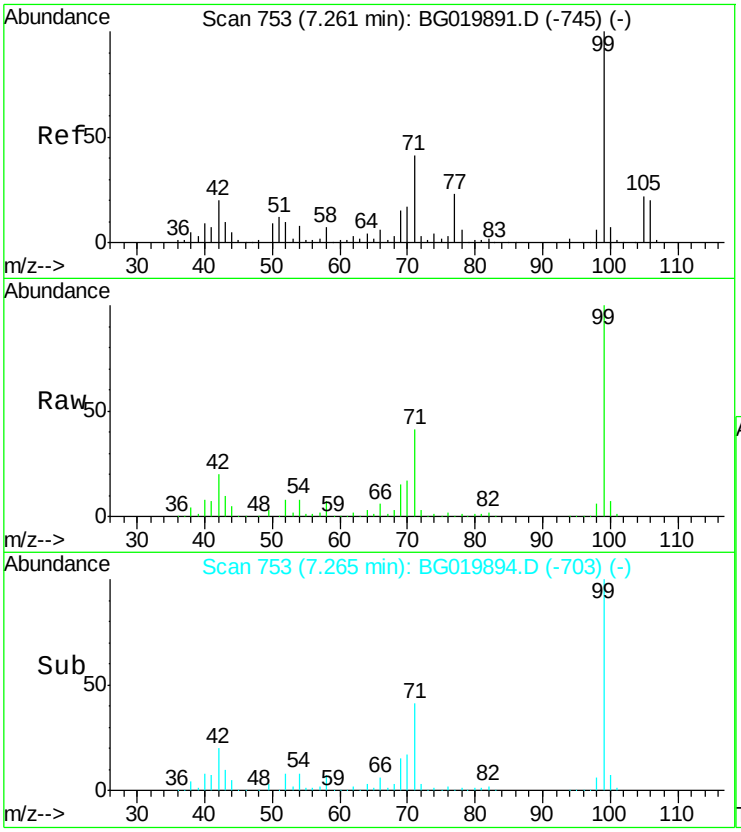


#5
2-Fluorophenol
Concen: 140.02 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019894.D
Acq: 4 Dec 2015 6:21

Tgt Ion:112 Resp: 247233

Ion	Ratio	Lower	Upper
112	100		
64	66.4	43.7	65.5#
63	35.7	24.0	36.0



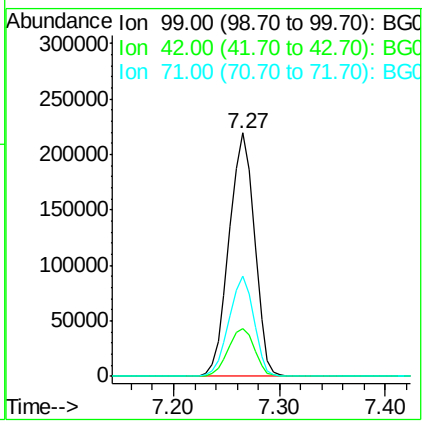


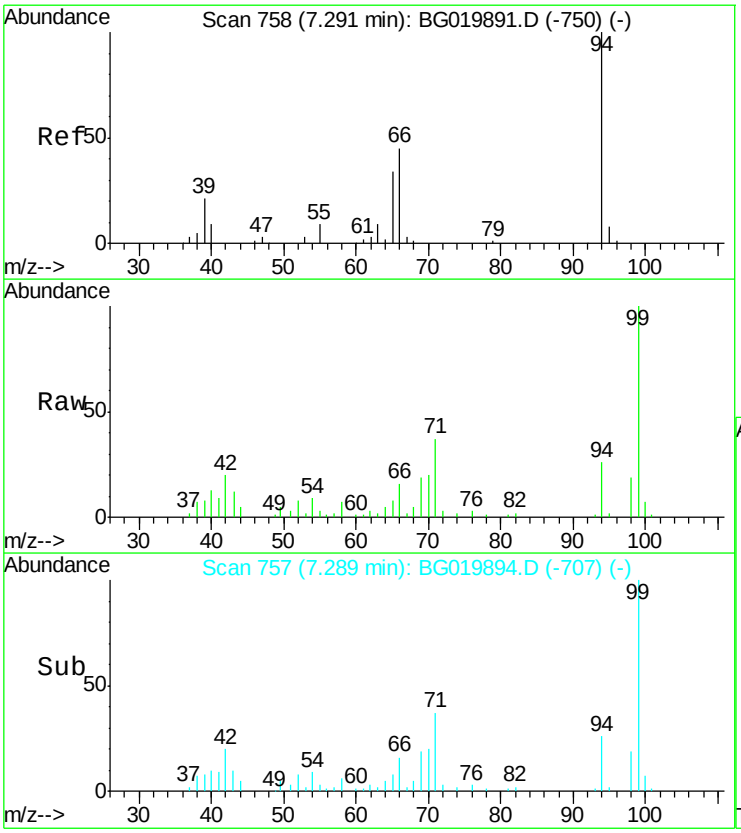
#7
Phenol-d6
Concen: 137.26 ng
RT: 7.27 min Scan# 753
Delta R.T. -0.01 min
Lab File: BG019894.D
Acq: 4 Dec 2015 6:21

Instrument :
BNA_G
ClientSampleId :
SB-3-8.5-9.0-113015

Tgt Ion: 99 Resp: 365911

Ion	Ratio	Lower	Upper
99	100		
42	19.9	11.5	17.3#
71	41.0	22.6	34.0#

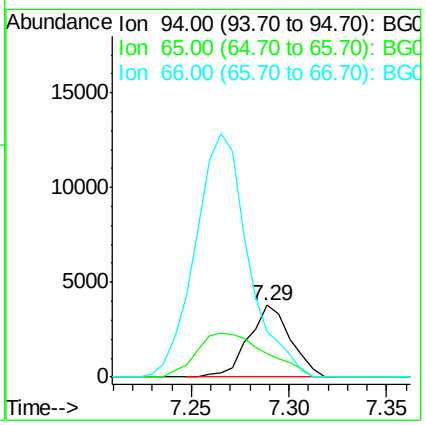


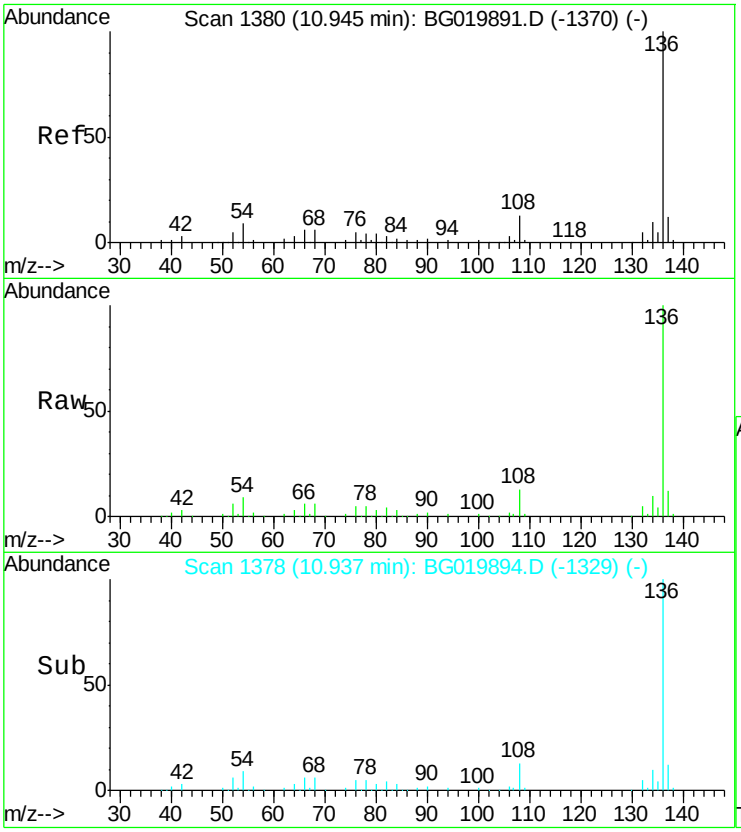


#10
Phenol
Concen: 2.01 ng
RT: 7.29 min Scan# 757
Delta R.T. -0.01 min
Lab File: BG019894.D
Acq: 4 Dec 2015 6:21

Tgt Ion: 94 Resp: 5633

Ion	Ratio	Lower	Upper
94	100		
65	31.9	5.4	45.4
66	62.9	11.8	51.8#



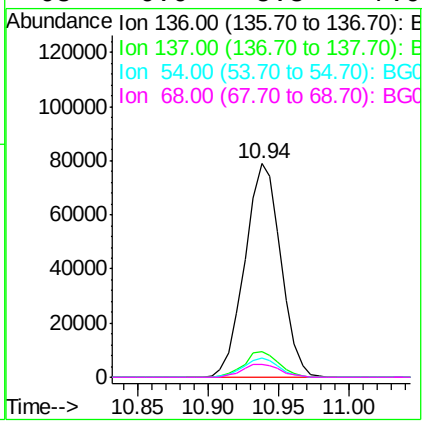


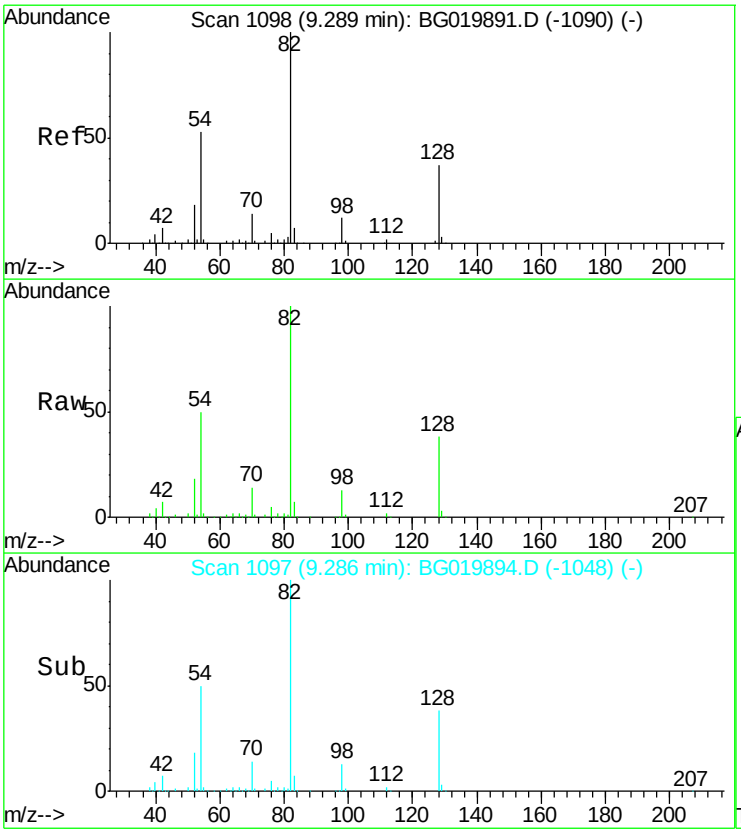
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG019894.D
Acq: 4 Dec 2015 6:21

Instrument :
BNA_G
ClientSampleId :
SB-3-8.5-9.0-113015

Tgt Ion:136 Resp: 140903

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.6	12.8
54	9.1	5.4	8.2#
68	6.0	5.3	7.9

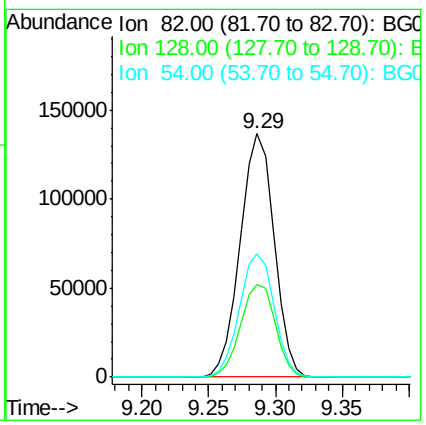


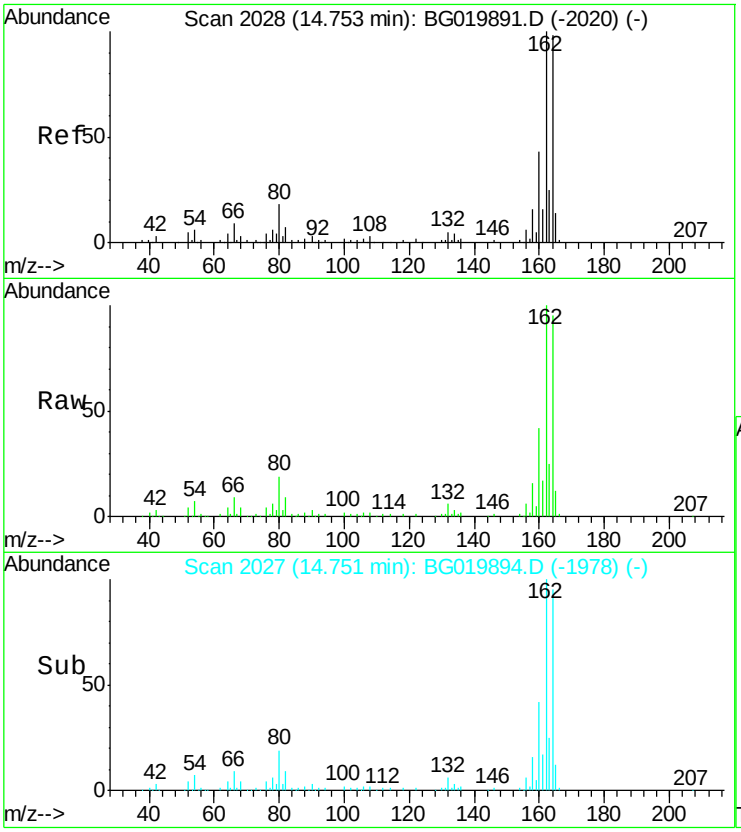


#23
Nitrobenzene-d5
Concen: 87.19 ng
RT: 9.29 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BG019894.D
Acq: 4 Dec 2015 6:21

Tgt Ion: 82 Resp: 240713

Ion	Ratio	Lower	Upper
82	100		
128	37.8	36.7	55.1
54	50.4	33.8	50.8



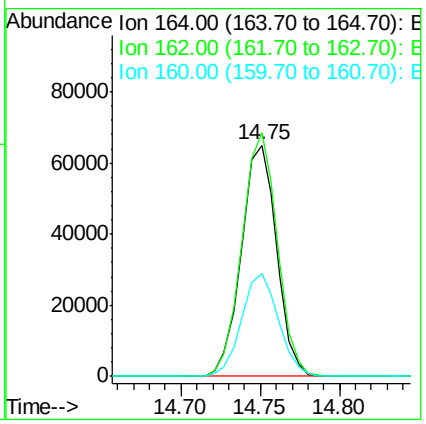


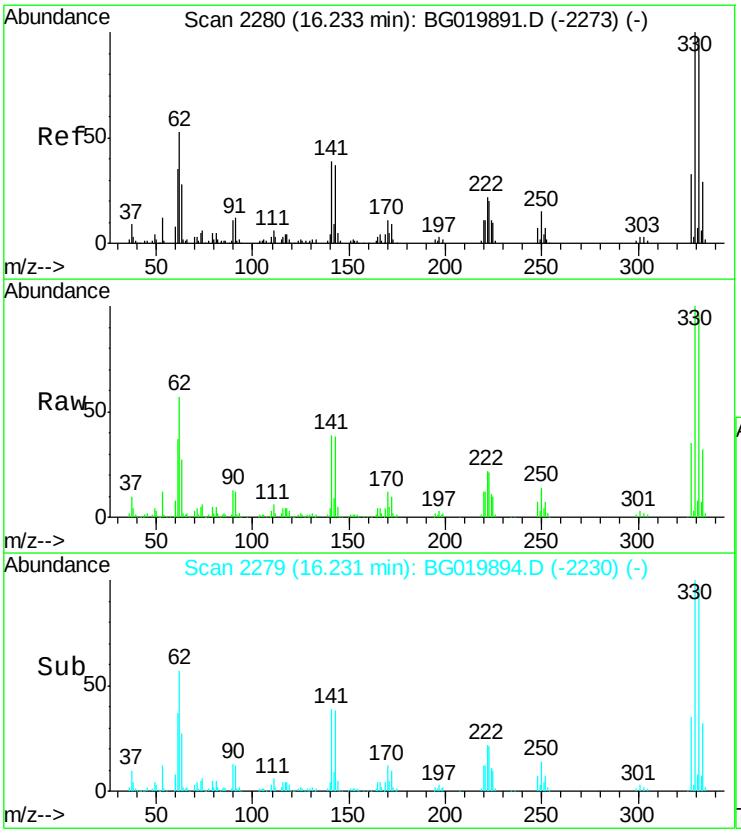
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG019894.D
Acq: 4 Dec 2015 6:21

Instrument :
BNA_G
ClientSampleId :
SB-3-8.5-9.0-113015

Tgt Ion:164 Resp: 100333

Ion	Ratio	Lower	Upper
164	100		
162	105.3	78.8	118.2
160	44.6	36.4	54.6

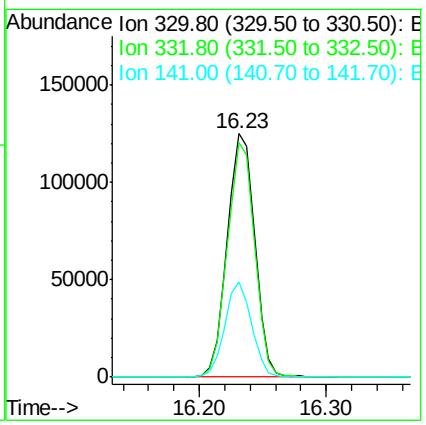


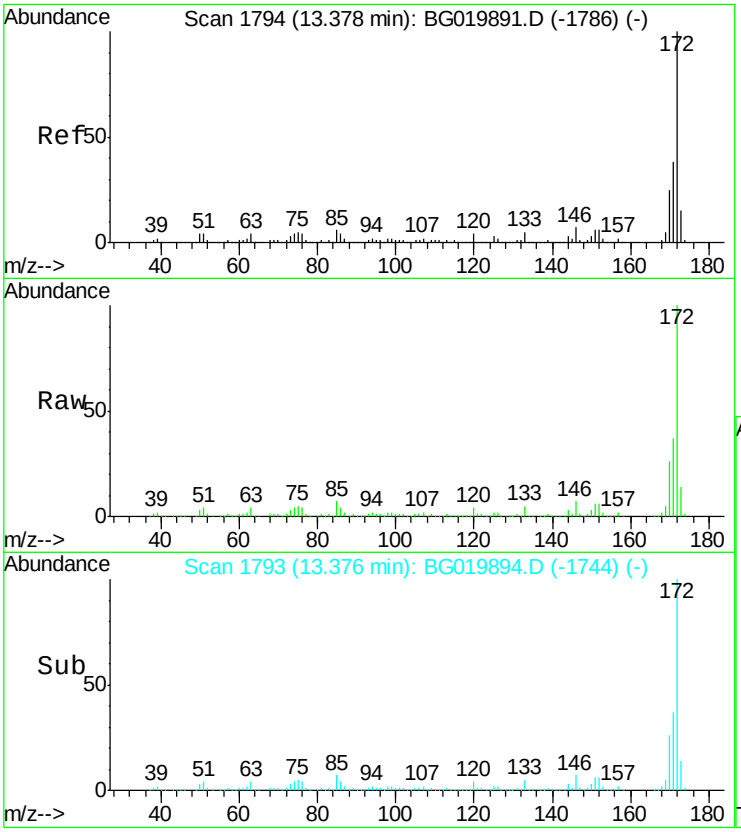


#41
2,4,6-Tribromophenol
Concen: 122.18 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BG019894.D
Acq: 4 Dec 2015 6:21

Tgt Ion:330 Resp: 187568

Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.1	117.1
141	38.1	28.2	42.2



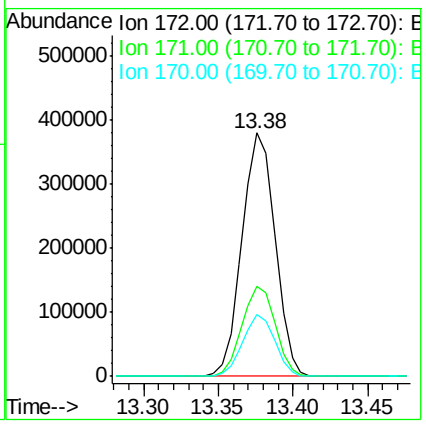


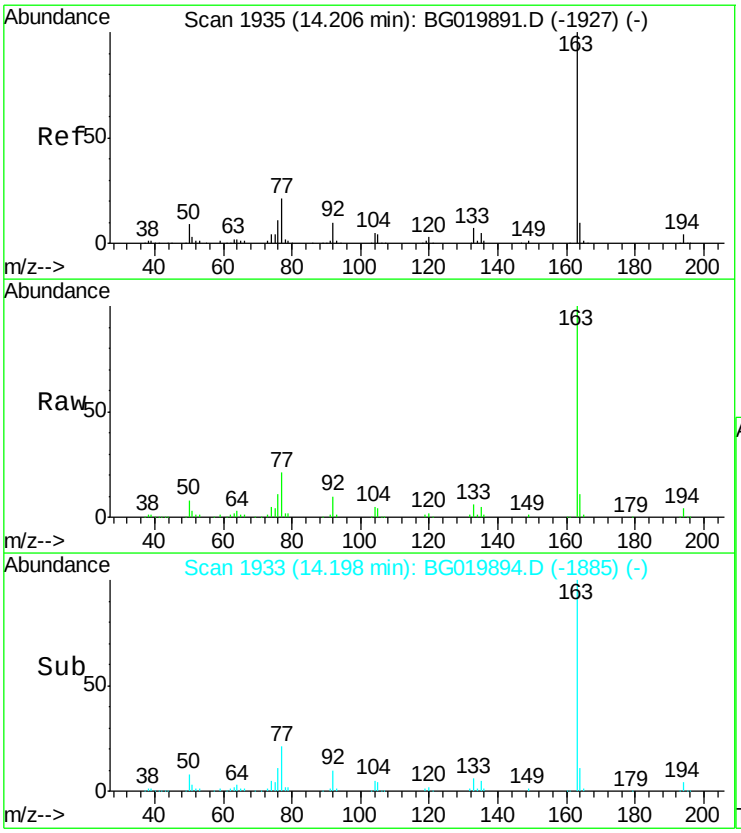
#44
2-Fluorobiphenyl
Concen: 79.22 ng
RT: 13.38 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG019894.D
Acq: 4 Dec 2015 6:21

Instrument :
BNA_G
ClientSampleId :
SB-3-8.5-9.0-113015

Tgt Ion:172 Resp: 582133

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.0	43.6
170	25.6	19.9	29.9

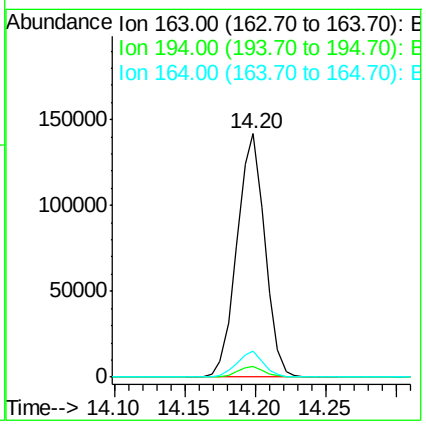


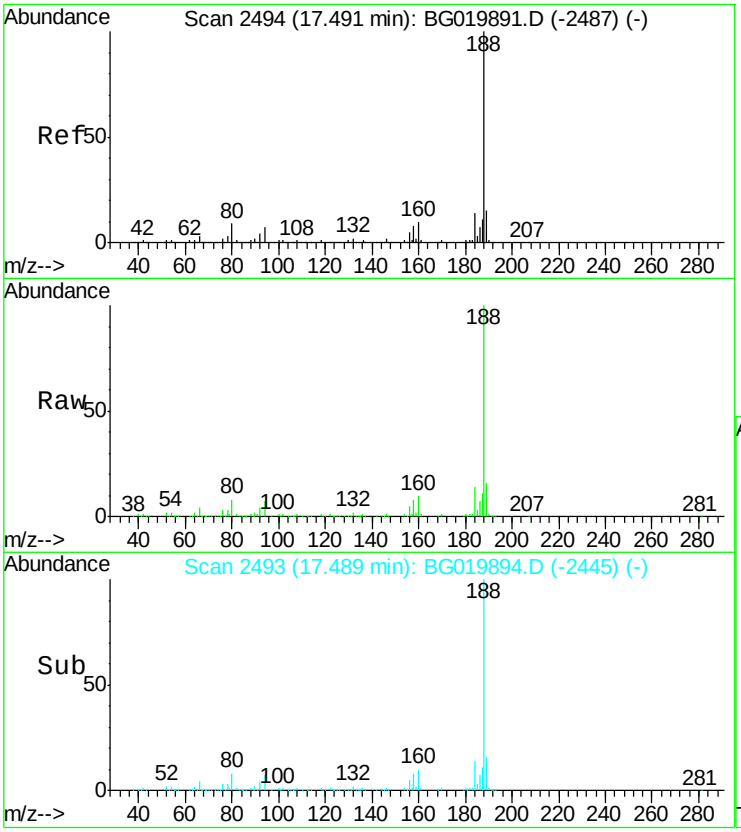


#49
Dimethylphthalate
Concen: 21.62 ng
RT: 14.20 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BG019894.D
Acq: 4 Dec 2015 6:21

Tgt Ion:163 Resp: 195131

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.5	8.8	13.2



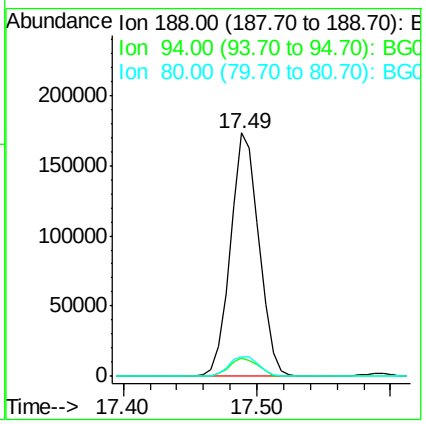


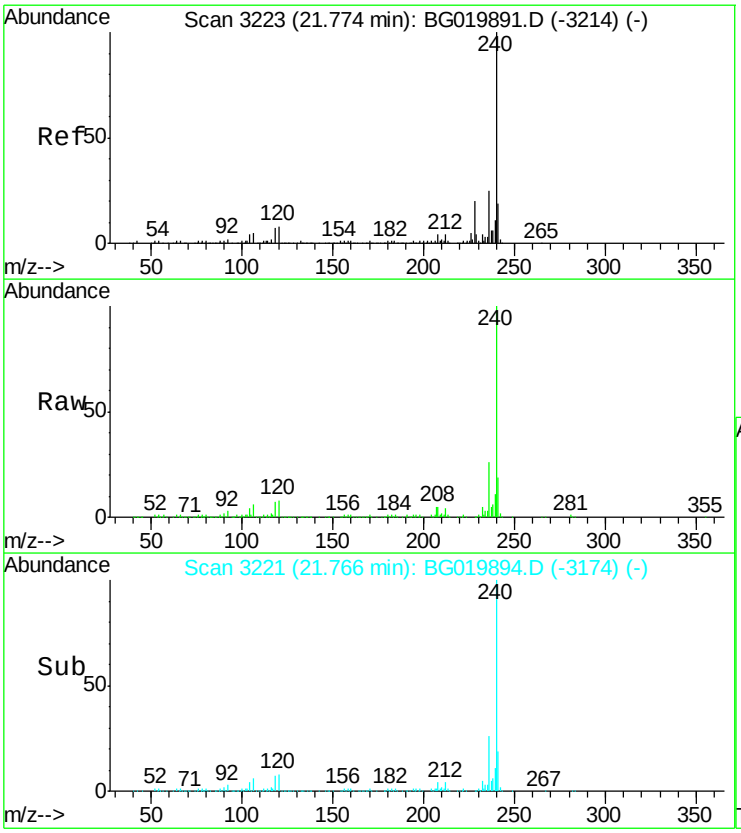
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019894.D
Acq: 4 Dec 2015 6:21

Instrument :
BNA_G
ClientSampleId :
SB-3-8.5-9.0-113015

Tgt Ion:188 Resp: 256166

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

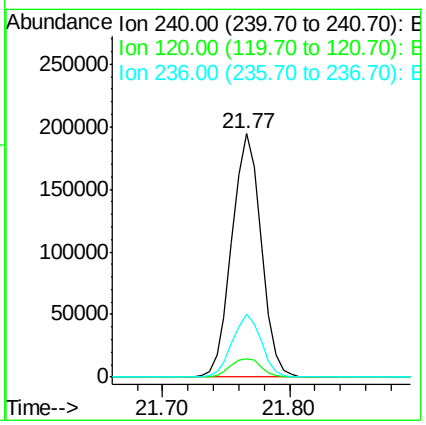


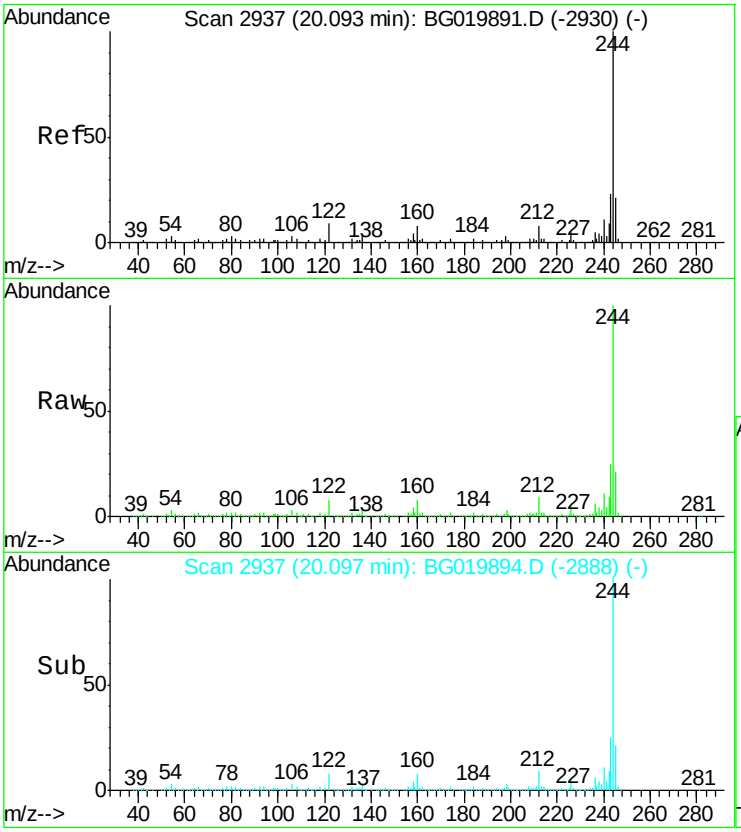


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3221
Delta R.T. -0.03 min
Lab File: BG019894.D
Acq: 4 Dec 2015 6:21

Tgt Ion:240 Resp: 310592

Ion	Ratio	Lower	Upper
240	100		
120	7.6	7.4	11.0
236	26.0	20.7	31.1



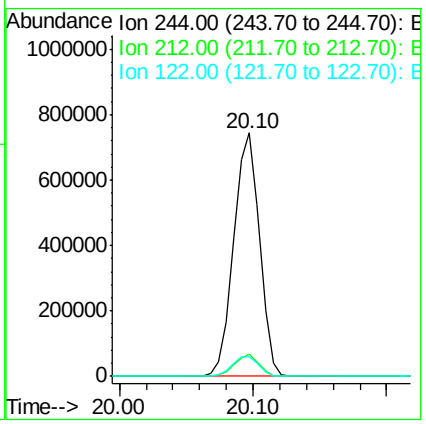


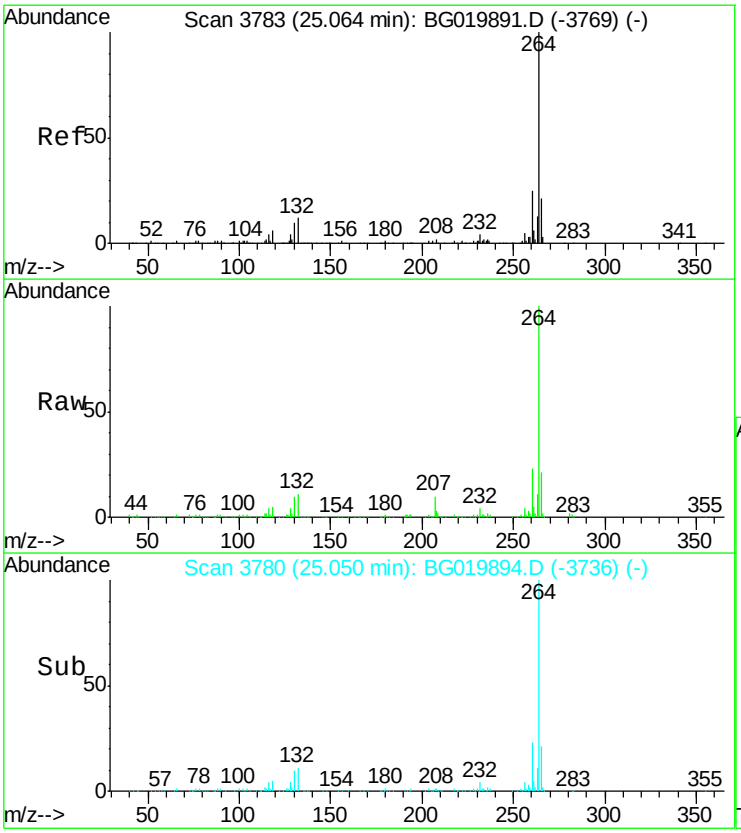
#78
Terphenyl-d14
Concen: 78.19 ng
RT: 20.10 min Scan# 2937
Delta R.T. -0.01 min
Lab File: BG019894.D
Acq: 4 Dec 2015 6:21

Instrument :
BNA_G
ClientSampleId :
SB-3-8.5-9.0-113015

Tgt Ion:244 Resp: 995681

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.9	10.3
122	8.2	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3780
Delta R.T. -0.04 min
Lab File: BG019894.D
Acq: 4 Dec 2015 6:21

Tgt Ion:264 Resp: 293352

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.3	17.2	25.8