Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
Data File : BG019843.D
Acq On : 2 Dec 2015 20:38
Operator : UM/NP
Sample : G4585-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-P3WC-10(0-6)

Quant Time: Dec 03 00:12:14 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	8.13	152	20911	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	87049	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	60746	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	175592	20.00	ng		0.00
75) Chrysene-d12	21.79	240	224910	20.00	ng		0.00
86) Perylene-d12	25.10	264	204223	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	149590	129.29	ng		0.00
7) Phenol-d6	7.28	99	202118	115.70	ng		0.00
23) Nitrobenzene-d5	9.30	82	158155	92.72	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	130822	140.75	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	385028	86.54	ng		0.00
78) Terphenyl-d14	20.11	244	832342	90.27	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	11.00	128	30288	6.49	ng		96
32) Benzoic acid	10.16	122	73	6.07	ng	#	1
33) 4-Chloroaniline	11.00	127	4461	2.17	ng	#	42

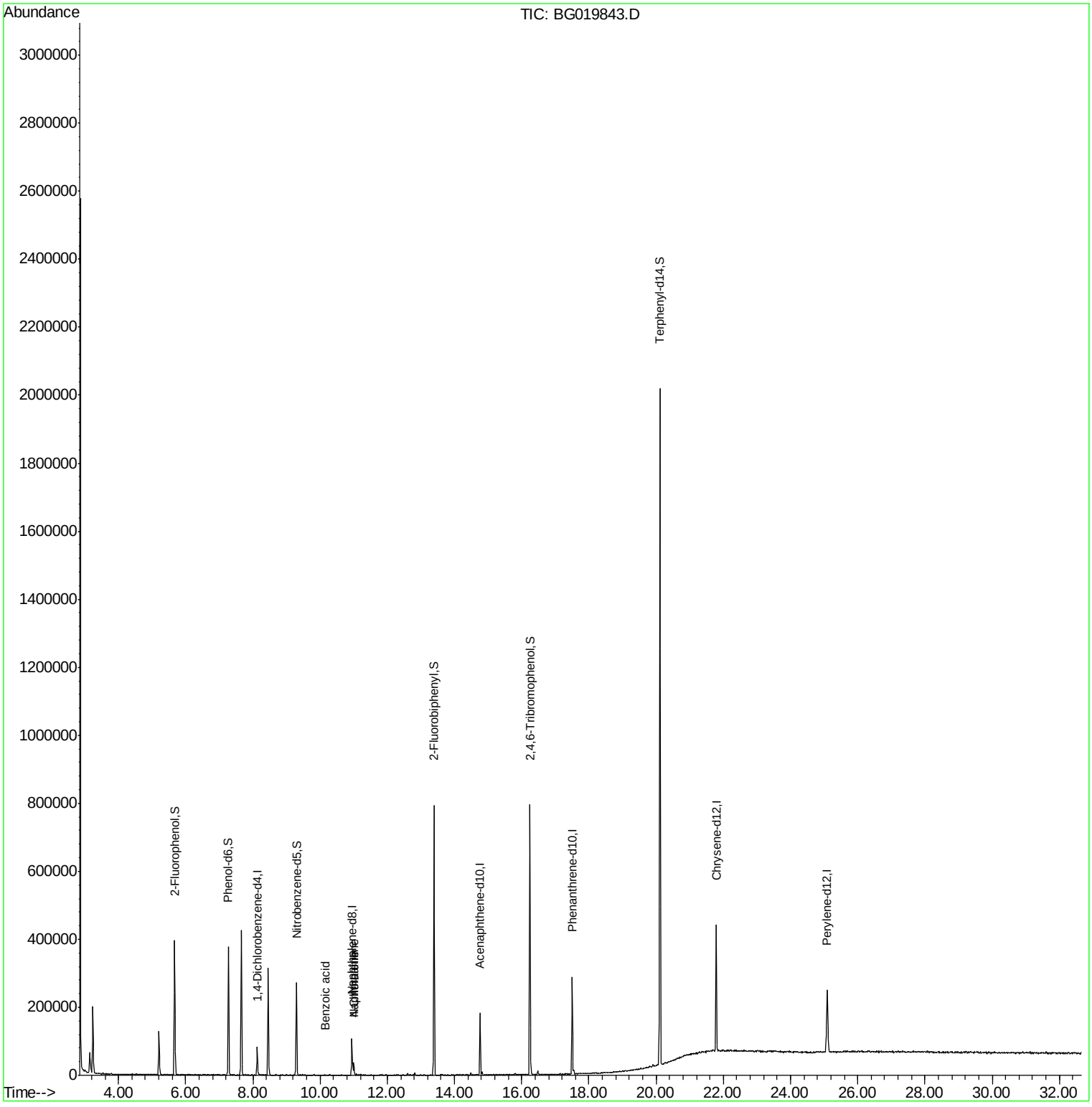
(#) = qualifier out of range (m) = manual integration (+) = signals summed

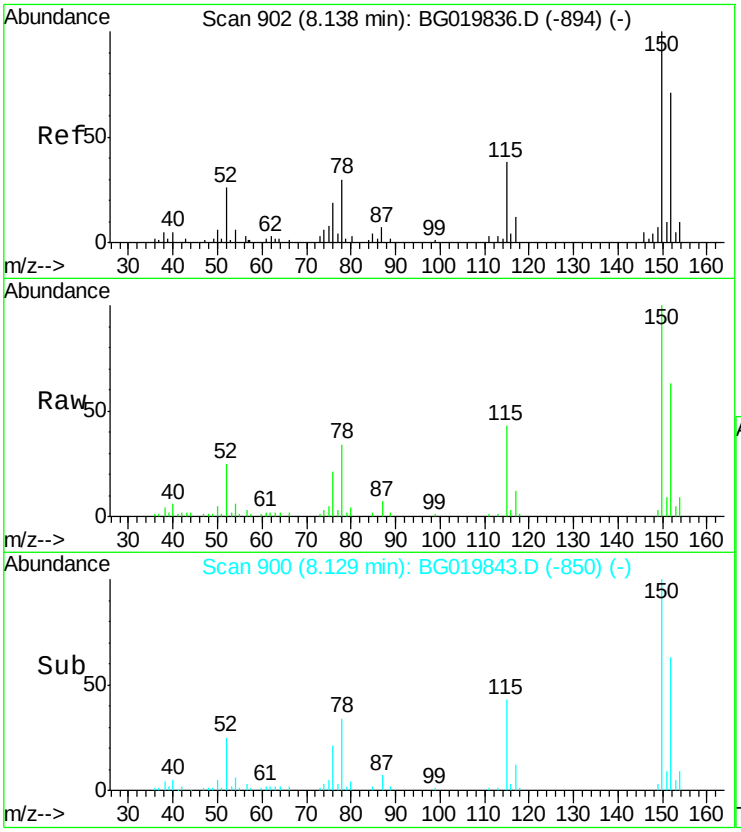
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
Data File : BG019843.D
Acq On : 2 Dec 2015 20:38
Operator : UM/NP
Sample : G4585-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-10(0-6)

Quant Time: Dec 03 00:12:14 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



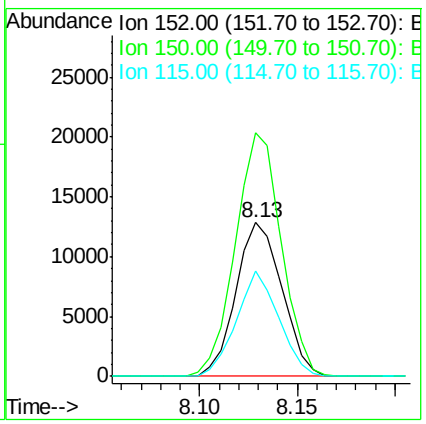


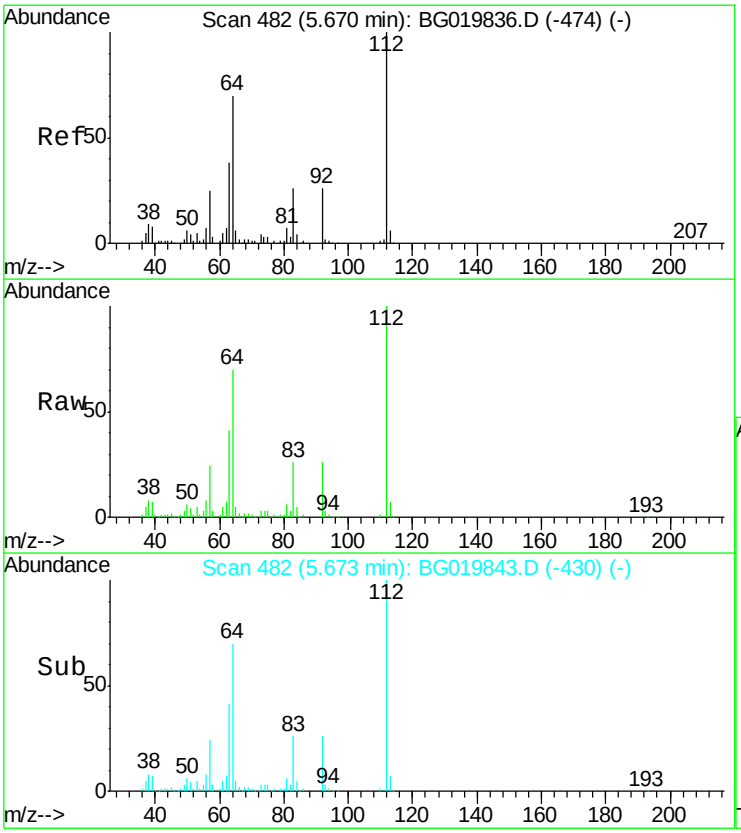
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 900
Delta R.T. -0.01 min
Lab File: BG019843.D
Acq: 2 Dec 2015 20:38

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-10(0-6)

Tgt Ion:152 Resp: 20911

Ion	Ratio	Lower	Upper
152	100		
150	158.3	115.0	172.4
115	68.8	43.9	65.9#

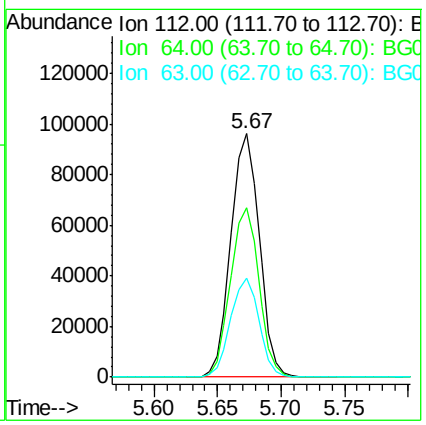


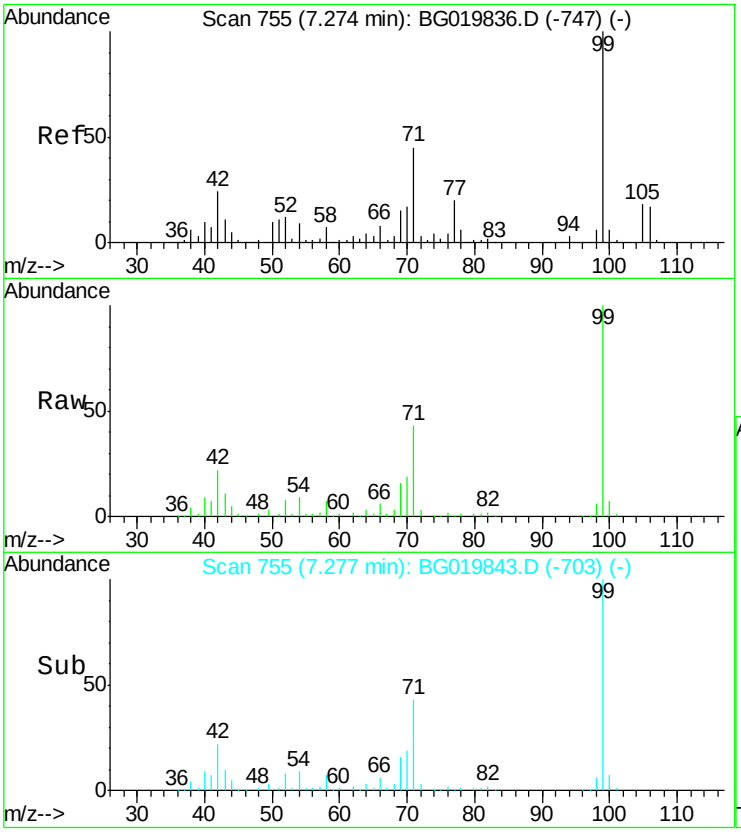


#5
2-Fluorophenol
Concen: 129.29 ng
RT: 5.67 min Scan# 482
Delta R.T. 0.00 min
Lab File: BG019843.D
Acq: 2 Dec 2015 20:38

Tgt Ion:112 Resp: 149590

Ion	Ratio	Lower	Upper
112	100		
64	69.7	43.7	65.5#
63	40.9	24.0	36.0#



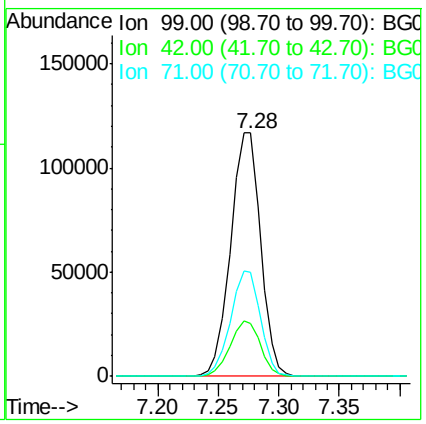


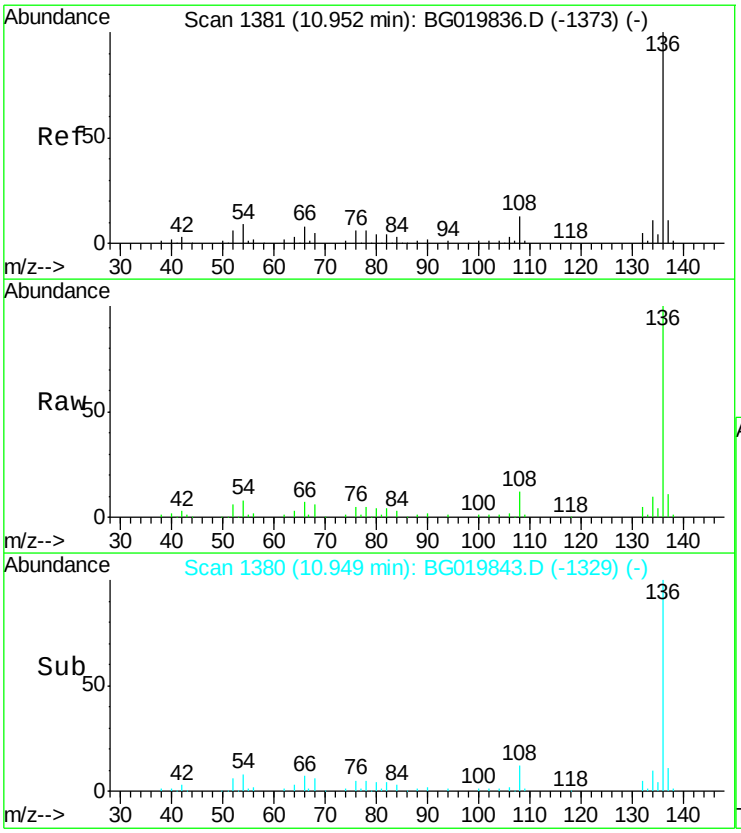
#7
Phenol-d6
Concen: 115.70 ng
RT: 7.28 min Scan# 755
Delta R.T. 0.00 min
Lab File: BG019843.D
Acq: 2 Dec 2015 20:38

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-10(0-6)

Tgt Ion: 99 Resp: 202118

Ion	Ratio	Lower	Upper
99	100		
42	21.8	11.5	17.3#
71	42.9	22.6	34.0#

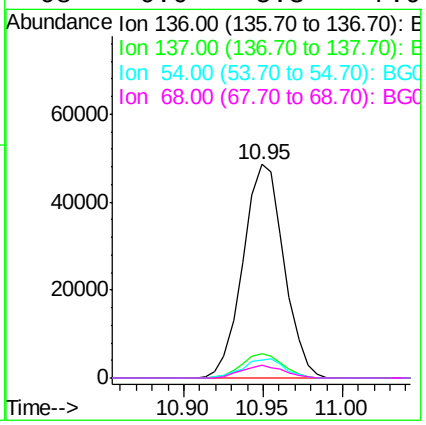


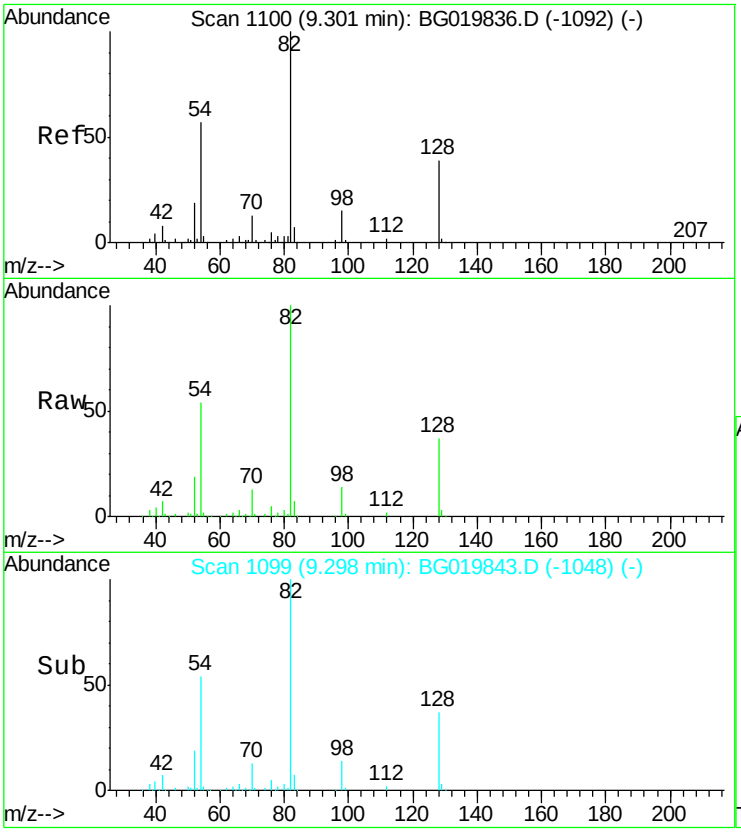


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BG019843.D
Acq: 2 Dec 2015 20:38

Tgt Ion:136 Resp: 87049

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	8.2	5.4	8.2#
68	6.0	5.3	7.9



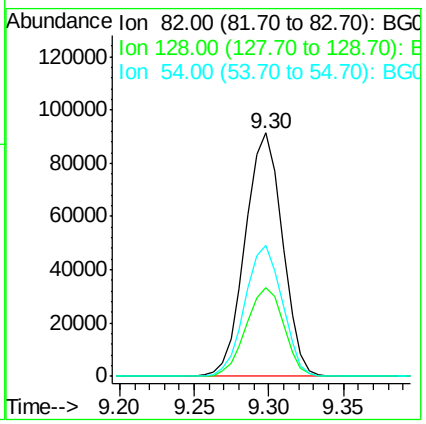


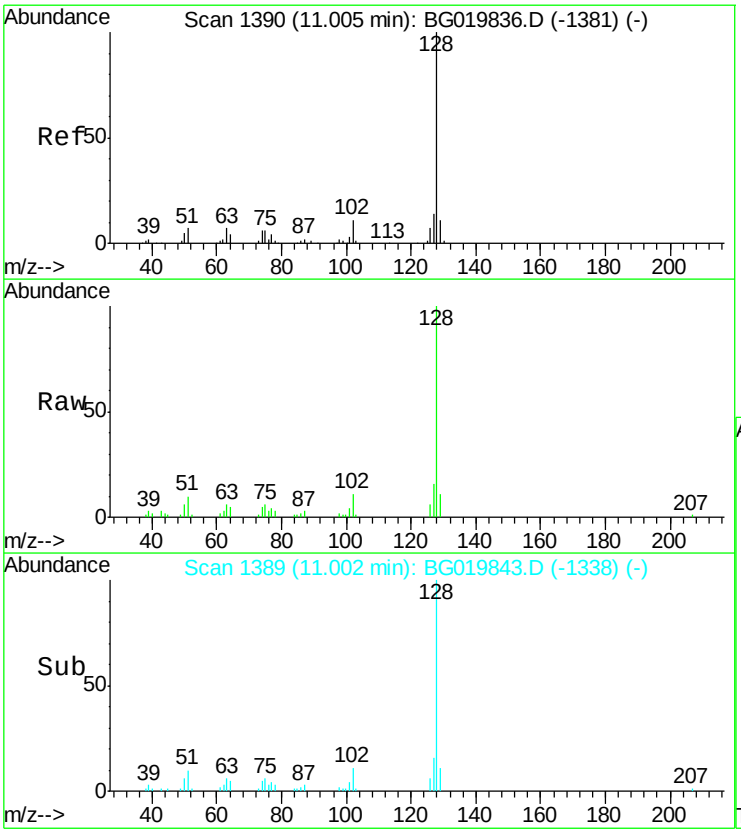
#23
Nitrobenzene-d5
Concen: 92.72 ng
RT: 9.30 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BG019843.D
Acq: 2 Dec 2015 20:38

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-10(0-6)

Tgt Ion: 82 Resp: 158155

Ion	Ratio	Lower	Upper
82	100		
128	36.7	36.7	55.1#
54	53.6	33.8	50.8#

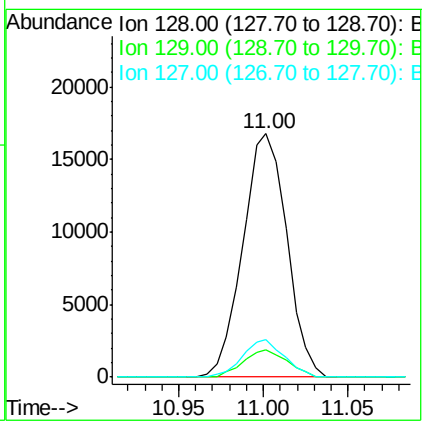


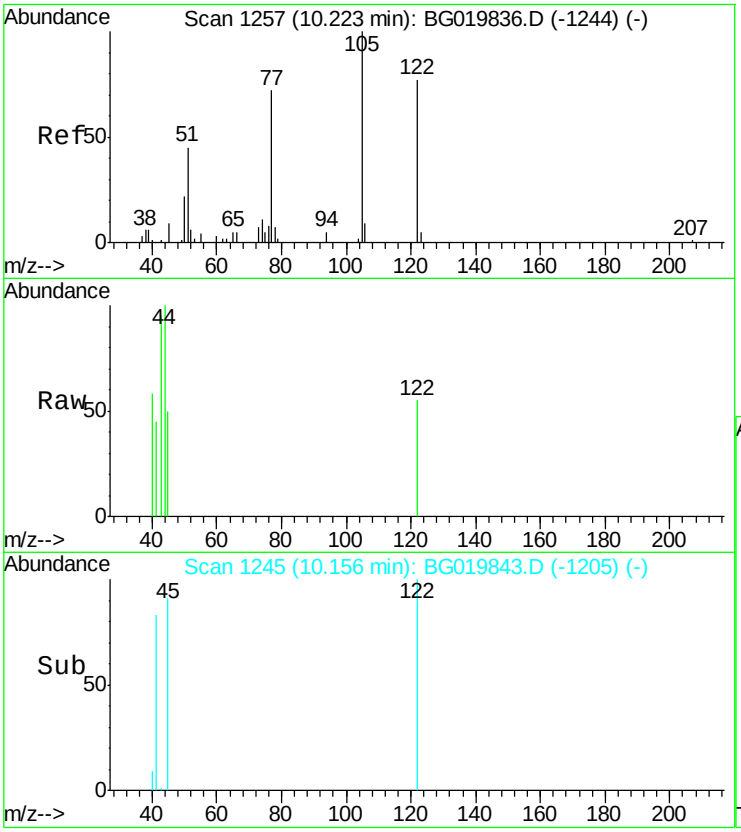


#31
Naphthalene
Concen: 6.49 ng
RT: 11.00 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BG019843.D
Acq: 2 Dec 2015 20:38

Tgt Ion:128 Resp: 30288

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.5	12.7
127	15.7	10.6	16.0



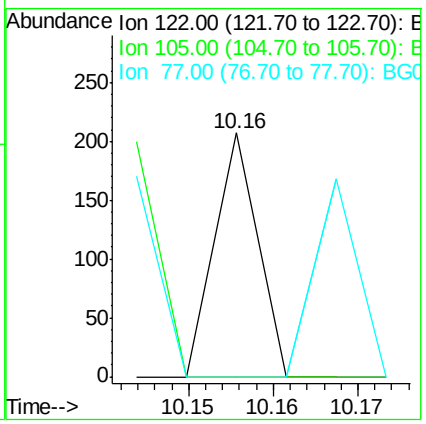


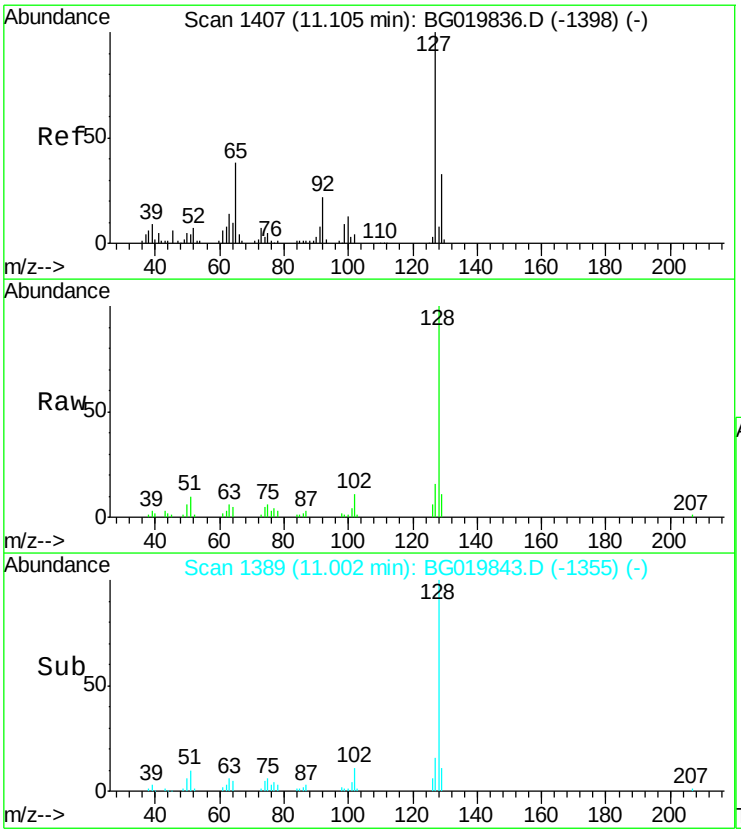
#32
Benzoic acid
Concen: 6.07 ng
RT: 10.16 min Scan# 1245
Delta R.T. -0.07 min
Lab File: BG019843.D
Acq: 2 Dec 2015 20:38

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-10(0-6)

Tgt Ion:122 Resp: 73

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.8	143.8#
77	0.0	68.8	108.8#

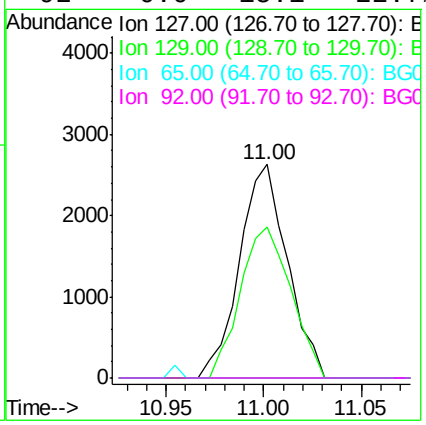


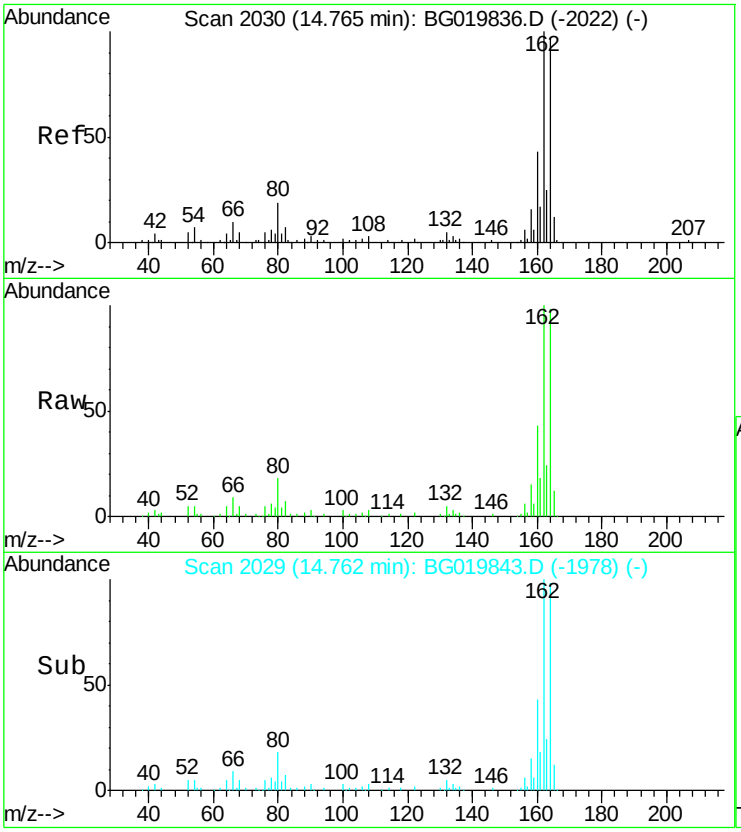


#33
4-Chloroaniline
Concen: 2.17 ng
RT: 11.00 min Scan# 1389
Delta R.T. -0.10 min
Lab File: BG019843.D
Acq: 2 Dec 2015 20:38

Tgt Ion:127 Resp: 4461

Ion	Ratio	Lower	Upper
127	100		
129	70.9	24.6	37.0#
65	0.0	22.6	33.8#
92	0.0	15.1	22.7#



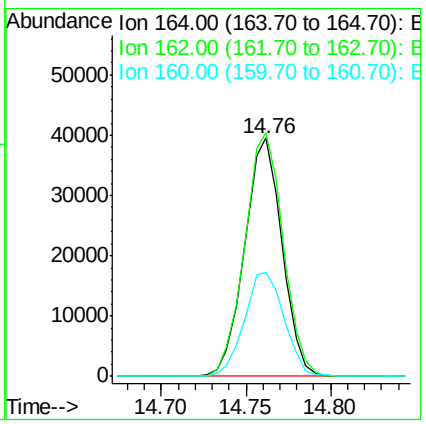


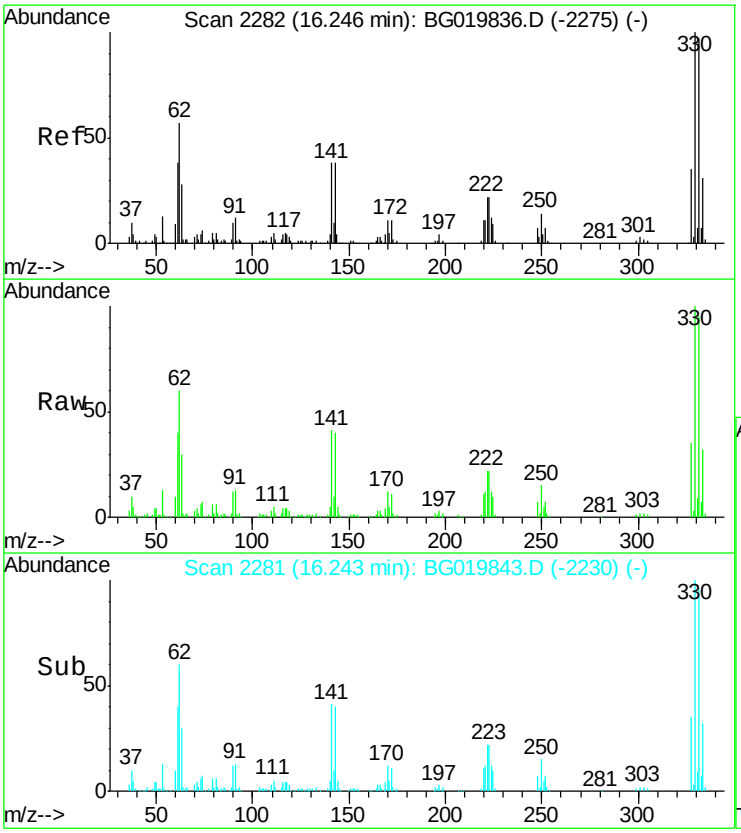
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG019843.D
Acq: 2 Dec 2015 20:38

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-10(0-6)

Tgt Ion:164 Resp: 60746

Ion	Ratio	Lower	Upper
164	100		
162	102.3	78.8	118.2
160	43.8	36.4	54.6

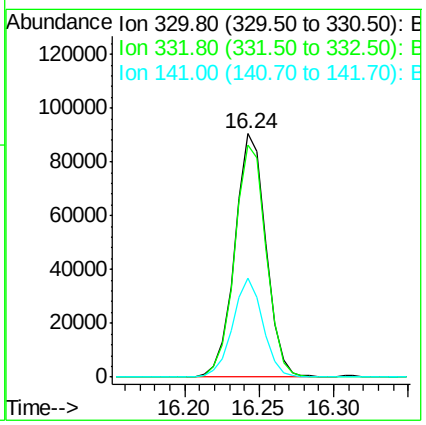


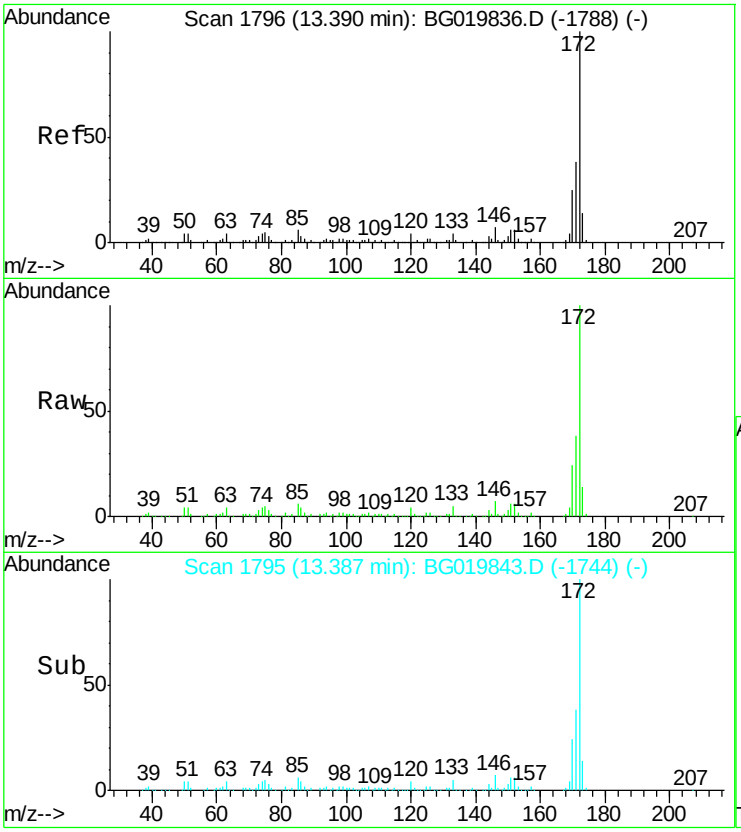


#41
2,4,6-Tribromophenol
Concen: 140.75 ng
RT: 16.24 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BG019843.D
Acq: 2 Dec 2015 20:38

Tgt Ion:330 Resp: 130822

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.1	117.1
141	39.9	28.2	42.2



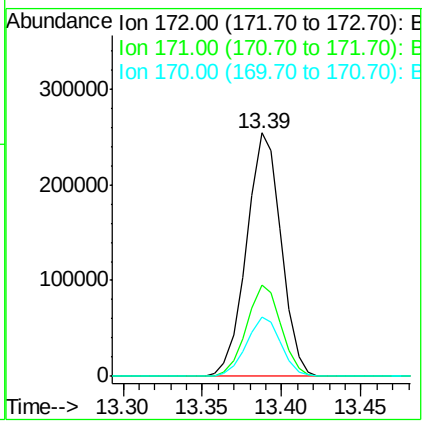


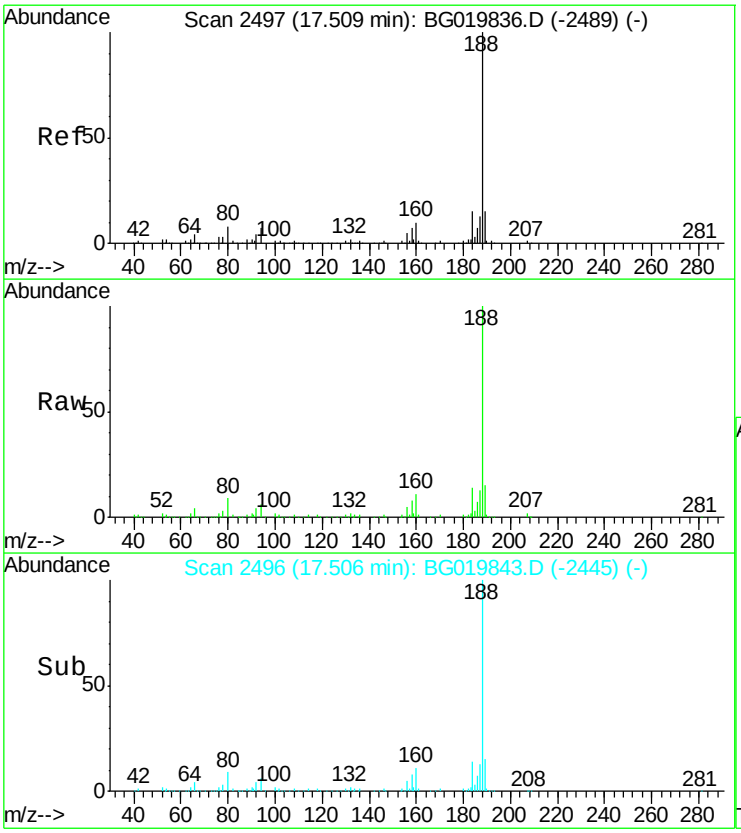
#44
2-Fluorobiphenyl
Concen: 86.54 ng
RT: 13.39 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BG019843.D
Acq: 2 Dec 2015 20:38

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-10(0-6)

Tgt Ion:172 Resp: 385028

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.0	43.6
170	24.5	19.9	29.9

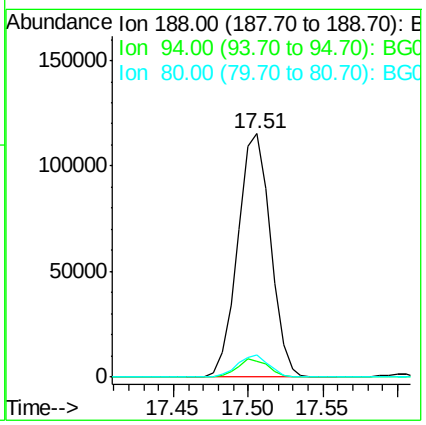


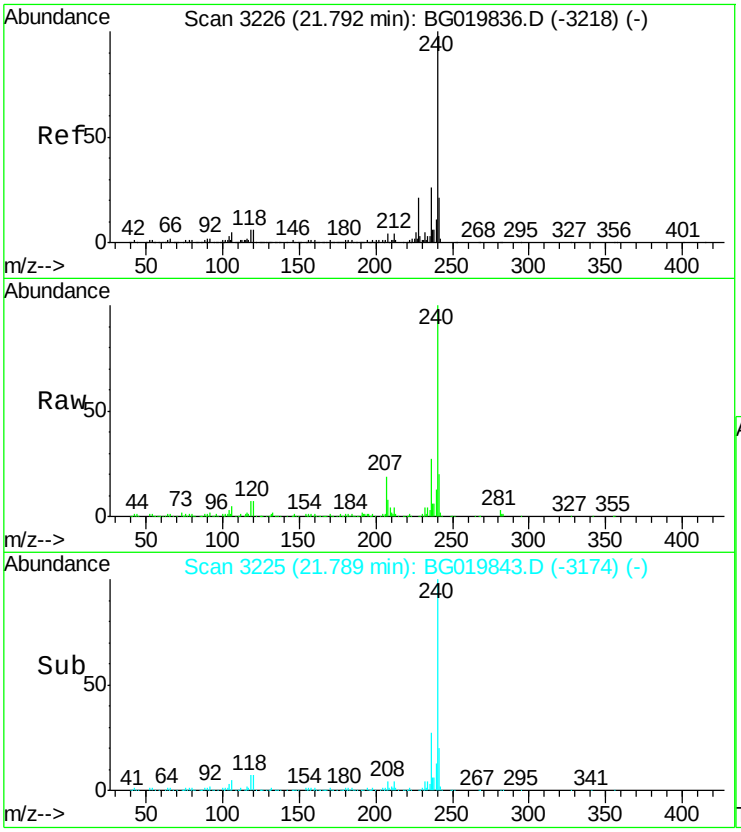


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2496
Delta R.T. -0.00 min
Lab File: BG019843.D
Acq: 2 Dec 2015 20:38

Tgt Ion:188 Resp: 175592

Ion	Ratio	Lower	Upper
188	100		
94	6.2	7.7	11.5#
80	8.9	7.8	11.8



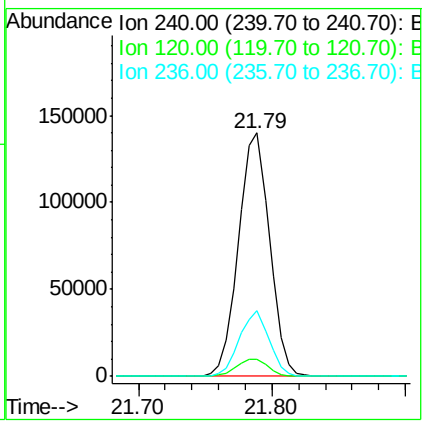


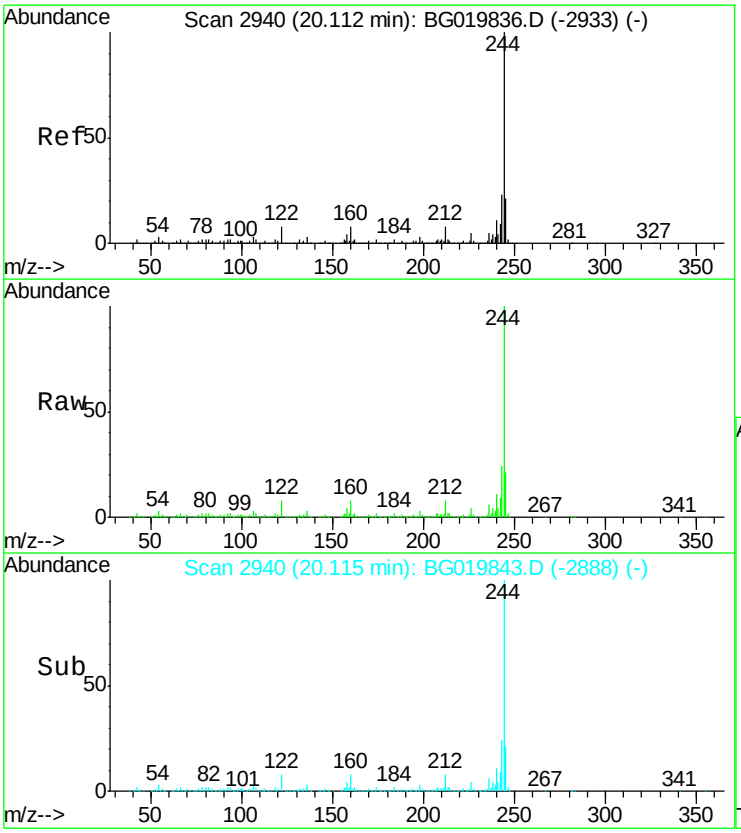
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3225
Delta R.T. -0.00 min
Lab File: BG019843.D
Acq: 2 Dec 2015 20:38

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-10(0-6)

Tgt Ion:240 Resp: 224910

Ion	Ratio	Lower	Upper
240	100		
120	7.0	7.4	11.0#
236	27.1	20.7	31.1

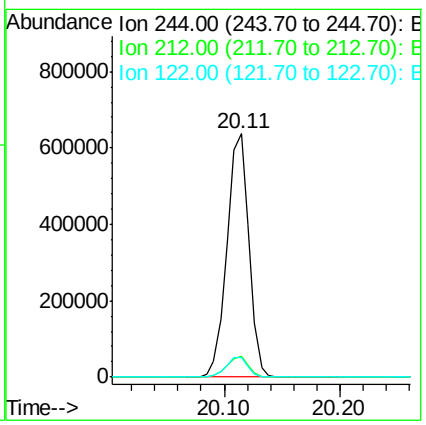


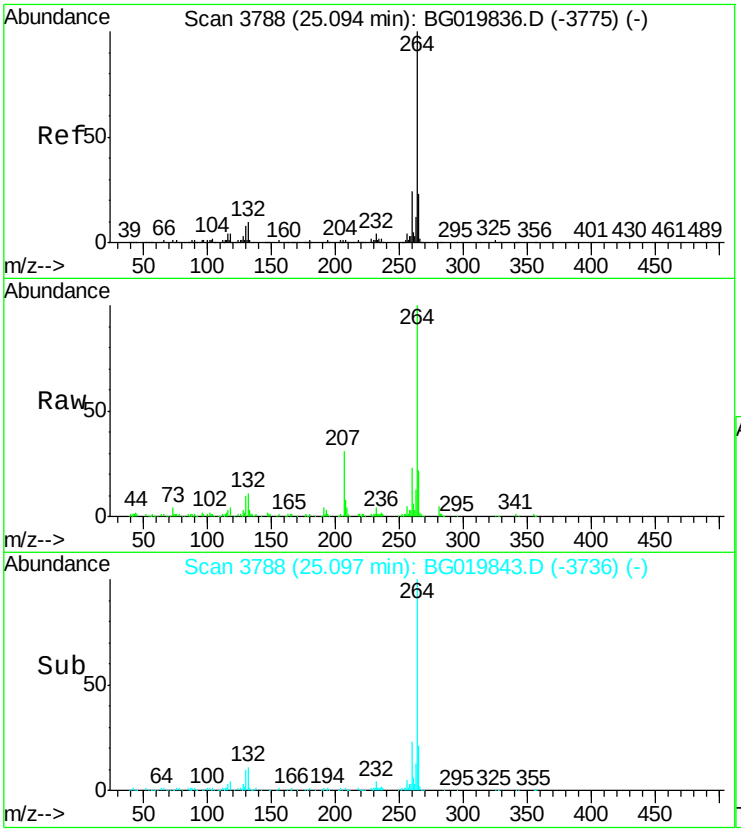


#78
Terphenyl-d14
Concen: 90.27 ng
RT: 20.11 min Scan# 2940
Delta R.T. 0.00 min
Lab File: BG019843.D
Acq: 2 Dec 2015 20:38

Tgt Ion:244 Resp: 832342

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	8.2	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.10 min Scan# 3788
Delta R.T. 0.00 min
Lab File: BG019843.D
Acq: 2 Dec 2015 20:38

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-10(0-6)

Tgt Ion:264 Resp: 204223

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.5	27.7
265	21.8	17.2	25.8