Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
Data File : BG025556.D
Acq On : 21 Jan 2017 3:24
Operator : UM/SJ
Sample : I1347-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S4-0-3FT-COMP

Quant Time: Jan 21 04:23:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	57207	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	237008	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	188346	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	446094	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	658803	20.00	ng	-0.02
86) Perylene-d12	25.24	264	676125	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	444159	141.13	ng	-0.02
7) Phenol-d6	7.34	99	590028	133.11	ng	-0.02
23) Nitrobenzene-d5	9.36	82	536008	99.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	436550	143.97	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1125272	96.73	ng	-0.02
78) Terphenyl-d14	20.14	244	2276059	91.60	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.37	94	9995	2.03	ng	# 68
31) Naphthalene	11.06	128	42530	3.59	ng	# 88
49) Dimethylphthalate	14.26	163	32127	2.34	ng	# 92

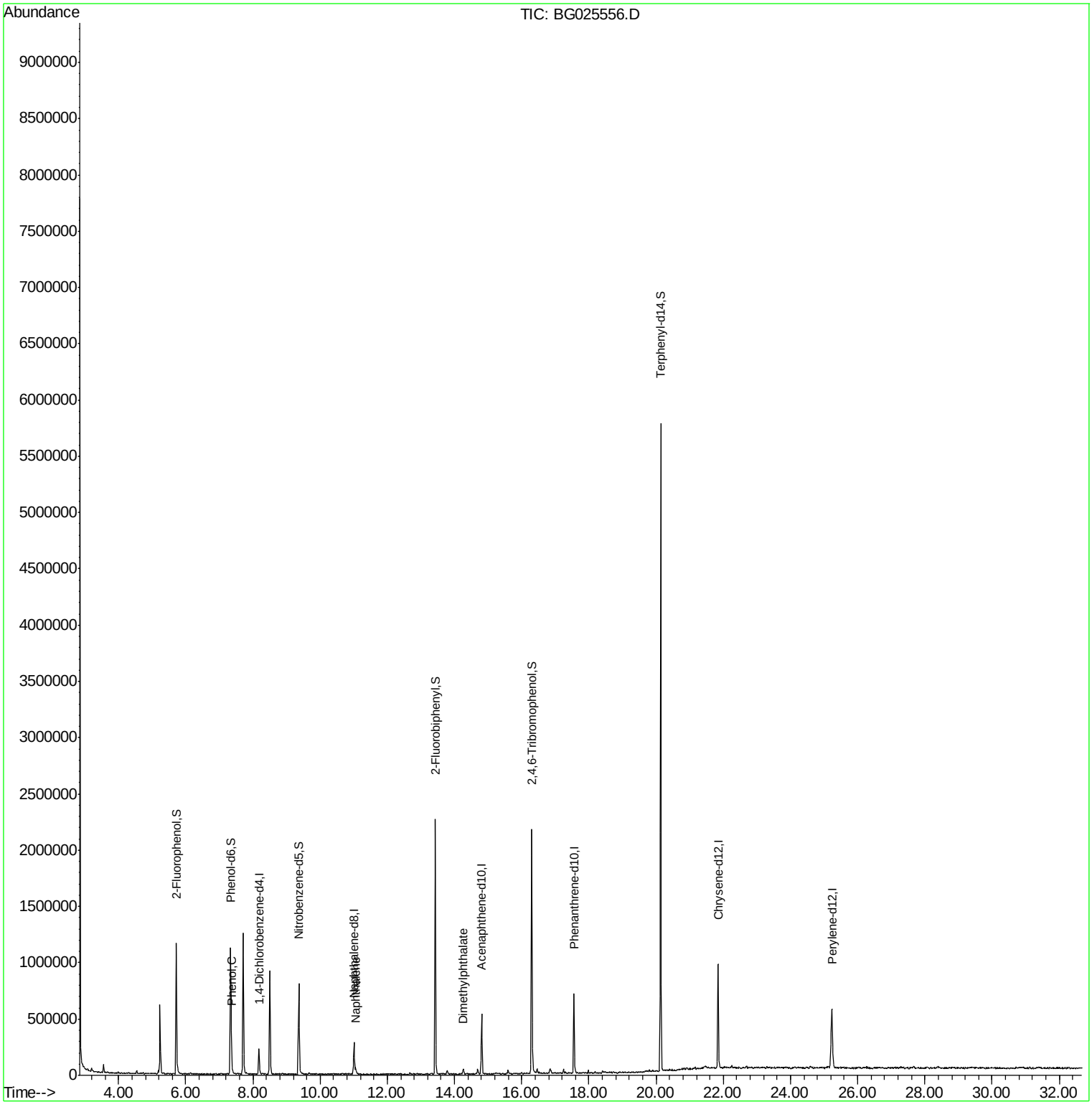
(#) = qualifier out of range (m) = manual integration (+) = signals summed

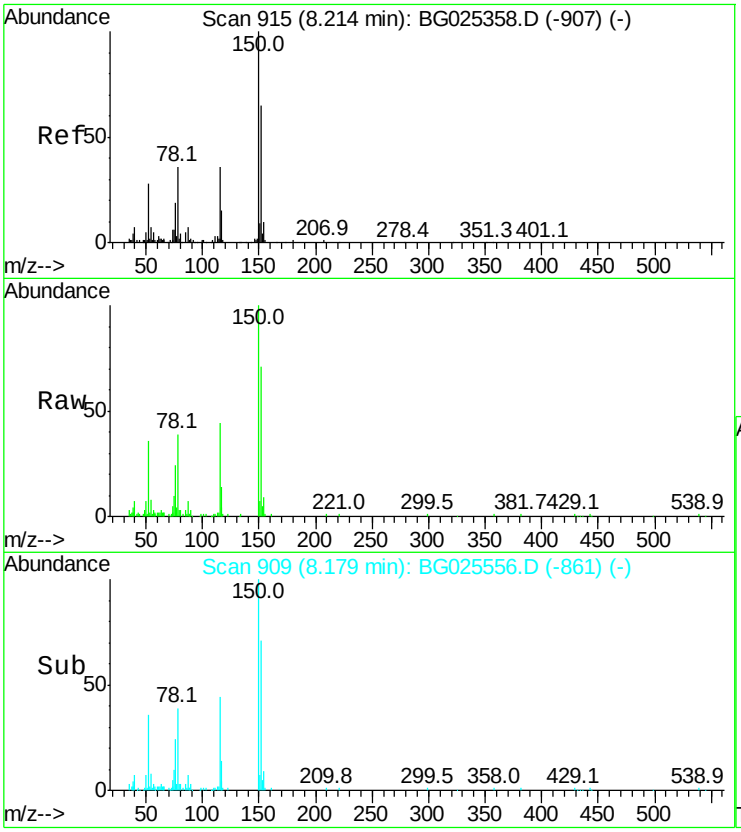
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
Data File : BG025556.D
Acq On : 21 Jan 2017 3:24
Operator : UM/SJ
Sample : I1347-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S4-0-3FT-COMP

Quant Time: Jan 21 04:23:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration



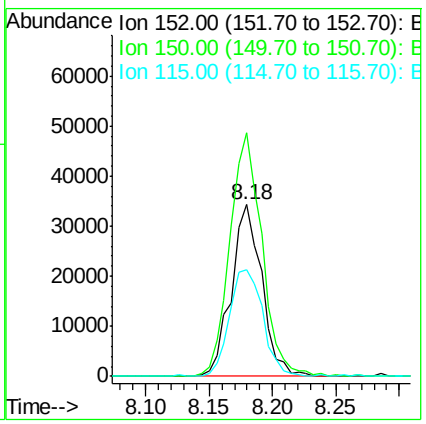


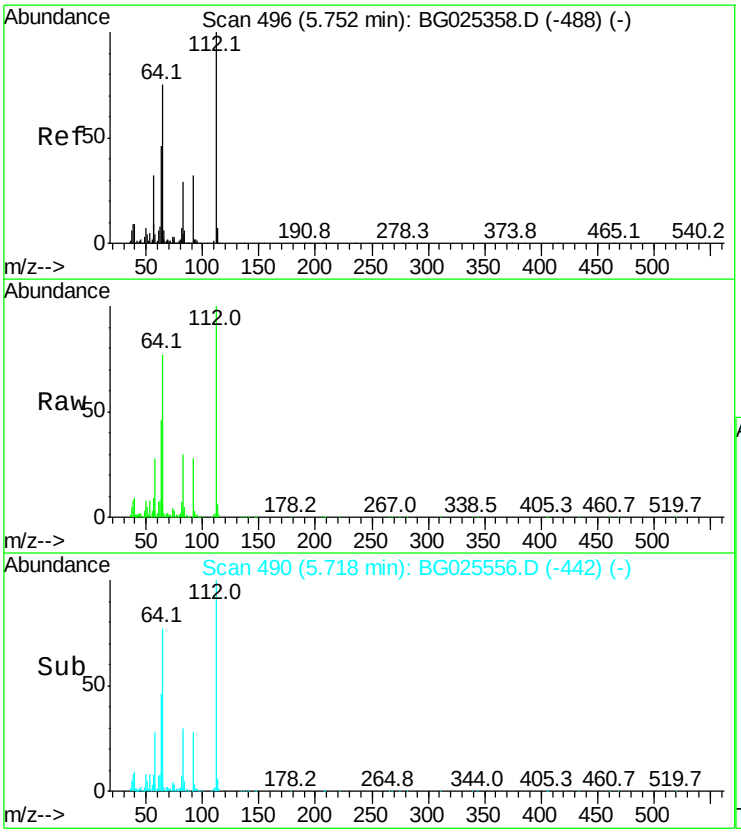
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 909
Delta R.T. -0.02 min
Lab File: BG025556.D
Acq: 21 Jan 2017 3:24

Instrument :
BNA_G
ClientSampleId :
S4-0-3FT-COMP

Tgt Ion:152 Resp: 57207

Ion	Ratio	Lower	Upper
152	100		
150	141.7	114.0	171.0
115	62.2	48.1	72.1

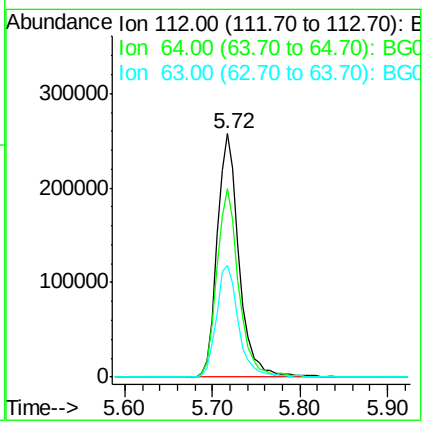


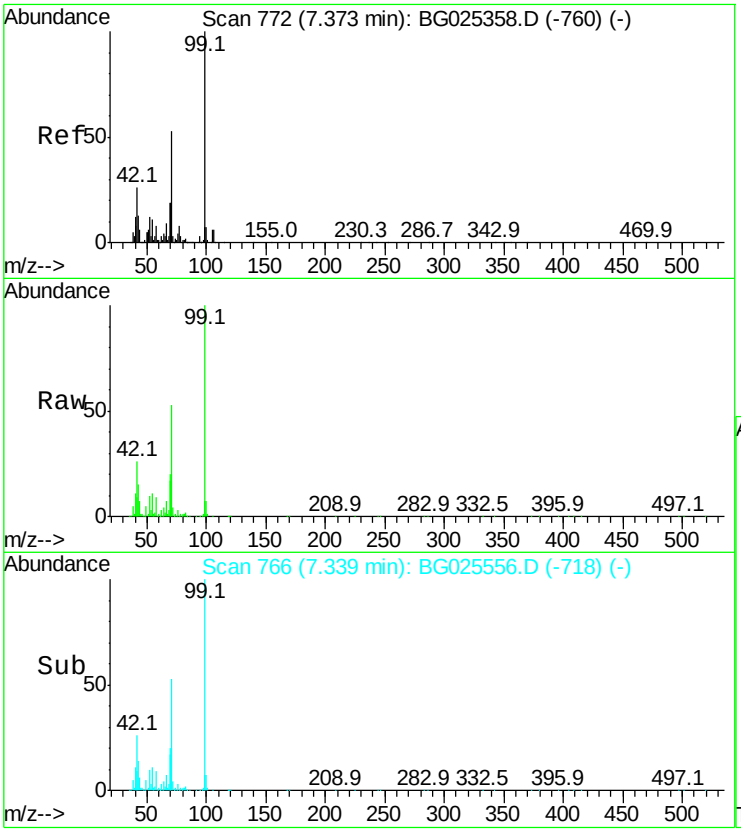


#5
2-Fluorophenol
Concen: 141.13 ng
RT: 5.72 min Scan# 490
Delta R.T. -0.02 min
Lab File: BG025556.D
Acq: 21 Jan 2017 3:24

Tgt Ion:112 Resp: 444159

Ion	Ratio	Lower	Upper
112	100		
64	77.5	61.8	92.6
63	46.1	37.2	55.8



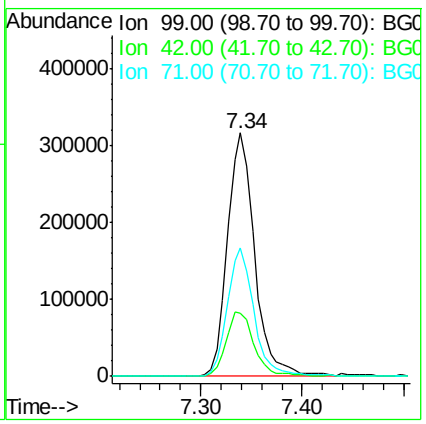


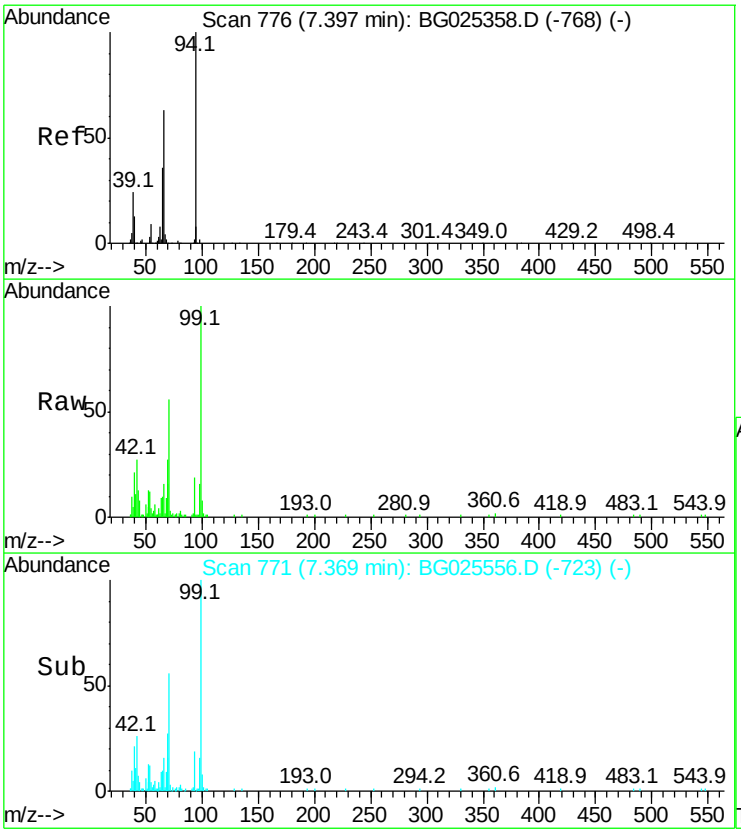
#7
Phenol-d6
Concen: 133.11 ng
RT: 7.34 min Scan# 766
Delta R.T. -0.02 min
Lab File: BG025556.D
Acq: 21 Jan 2017 3:24

Instrument :
BNA_G
ClientSampleId :
S4-0-3FT-COMP

Tgt Ion: 99 Resp: 590028

Ion	Ratio	Lower	Upper
99	100		
42	25.7	20.5	30.7
71	52.6	37.6	56.4

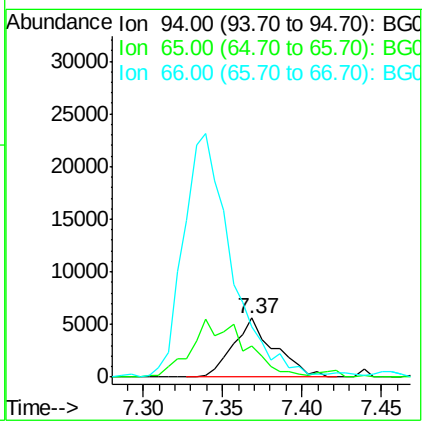


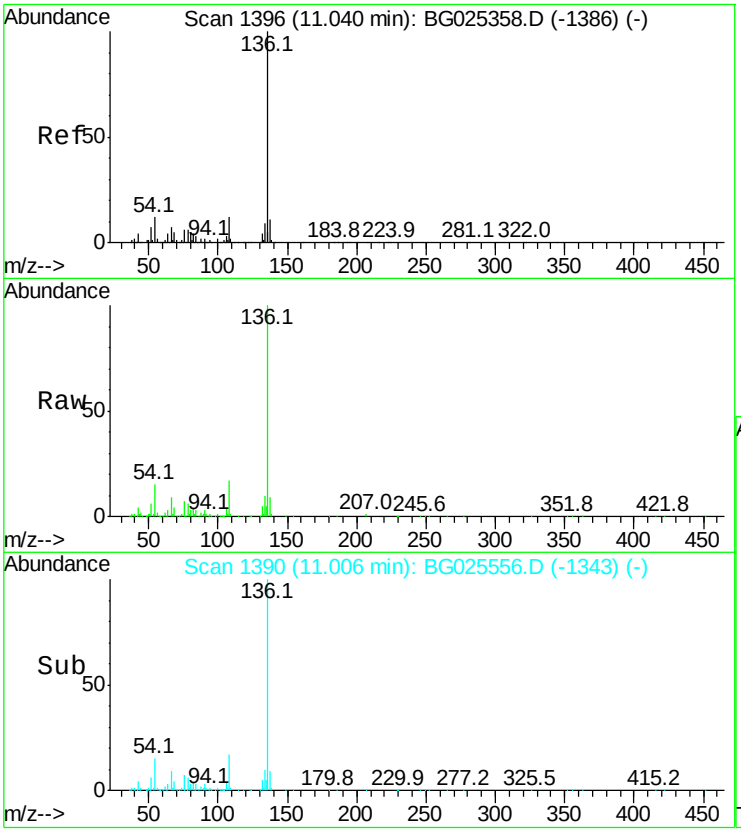


#10
Phenol
Concen: 2.03 ng
RT: 7.37 min Scan# 771
Delta R.T. -0.02 min
Lab File: BG025556.D
Acq: 21 Jan 2017 3:24

Tgt Ion: 94 Resp: 9995

Ion	Ratio	Lower	Upper
94	100		
65	53.1	20.6	60.6
66	84.6	35.5	75.5#



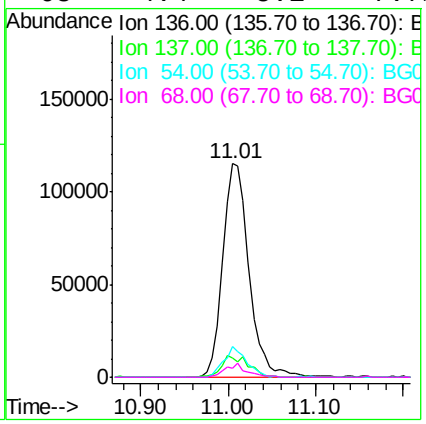


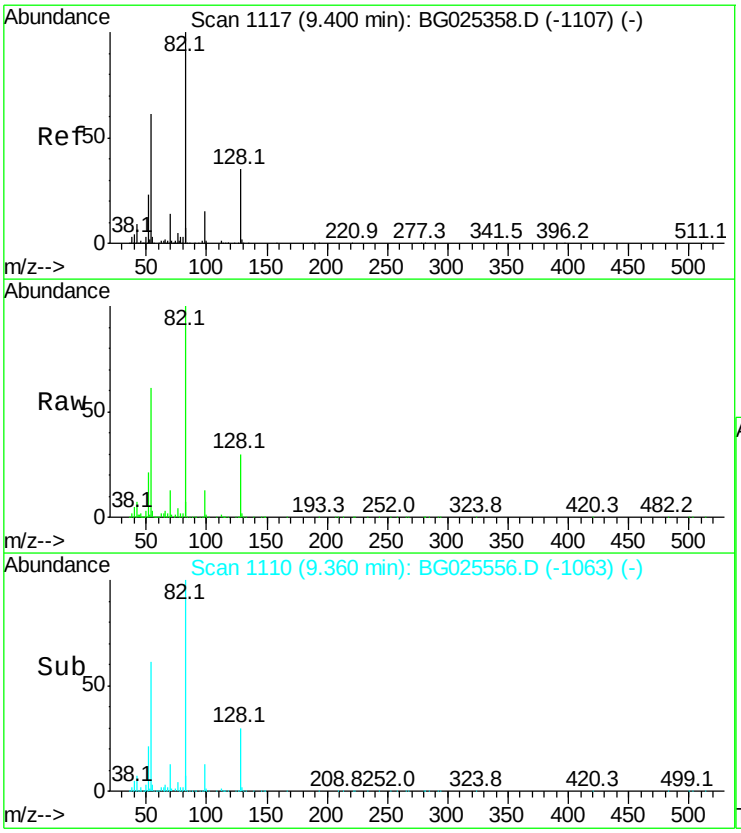
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BG025556.D
Acq: 21 Jan 2017 3:24

Instrument :
BNA_G
ClientSampleId :
S4-0-3FT-COMP

Tgt Ion:136 Resp: 237008

Ion	Ratio	Lower	Upper
136	100		
137	8.9	8.9	13.3
54	14.6	9.3	13.9#
68	4.4	5.1	7.7#

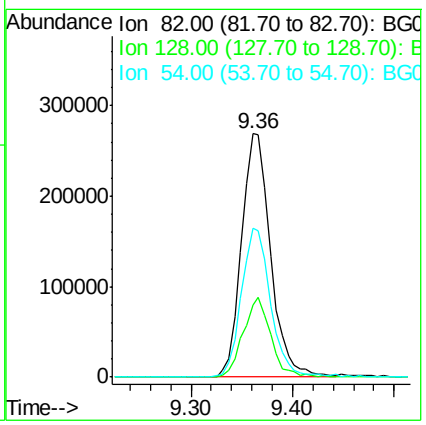


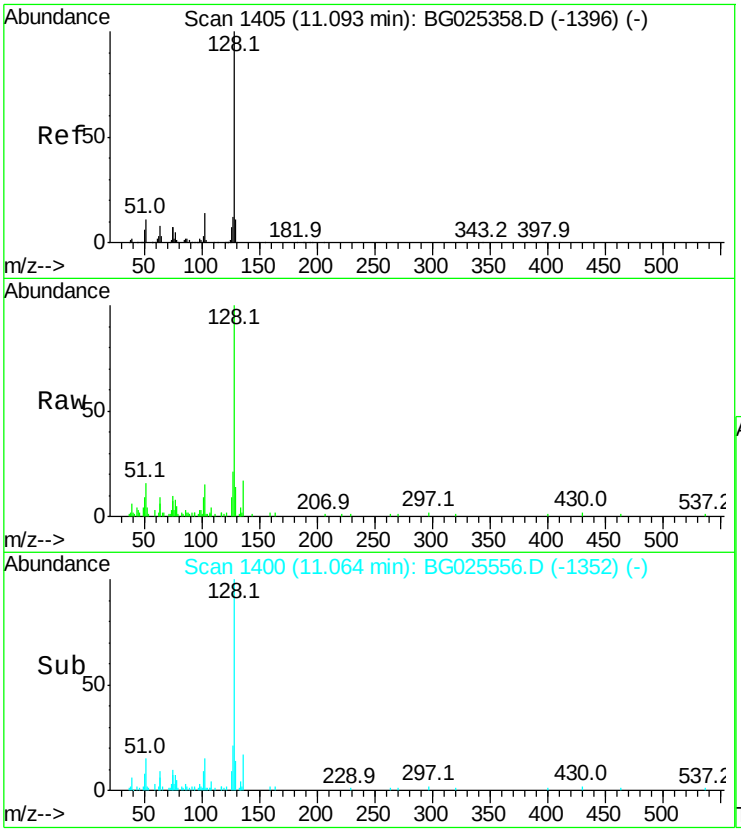


#23
Nitrobenzene-d5
Concen: 99.91 ng
RT: 9.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BG025556.D
Acq: 21 Jan 2017 3:24

Tgt Ion: 82 Resp: 536008

Ion	Ratio	Lower	Upper
82	100		
128	29.7	26.4	39.6
54	61.0	49.4	74.2



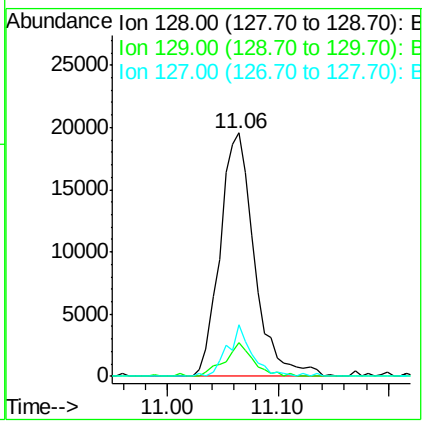


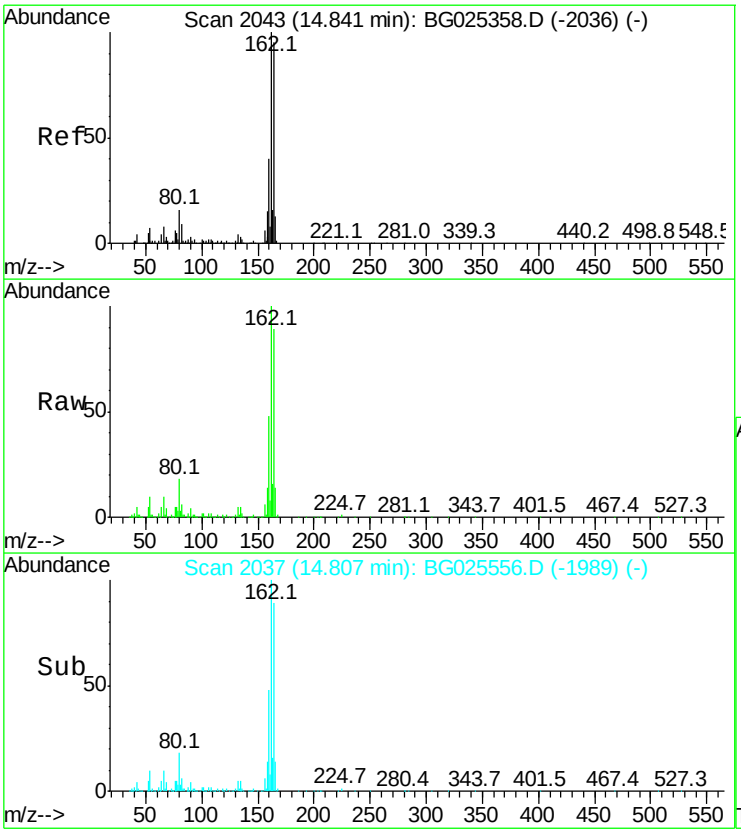
#31
Naphthalene
Concen: 3.59 ng
RT: 11.06 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BG025556.D
Acq: 21 Jan 2017 3:24

Instrument :
BNA_G
ClientSampleId :
S4-0-3FT-COMP

Tgt Ion:128 Resp: 42530

Ion	Ratio	Lower	Upper
128	100		
129	13.7	9.3	13.9
127	21.1	11.4	17.0#

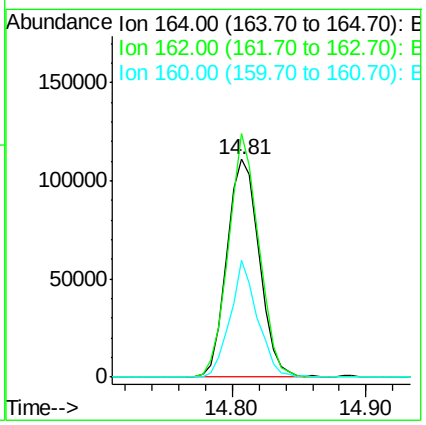


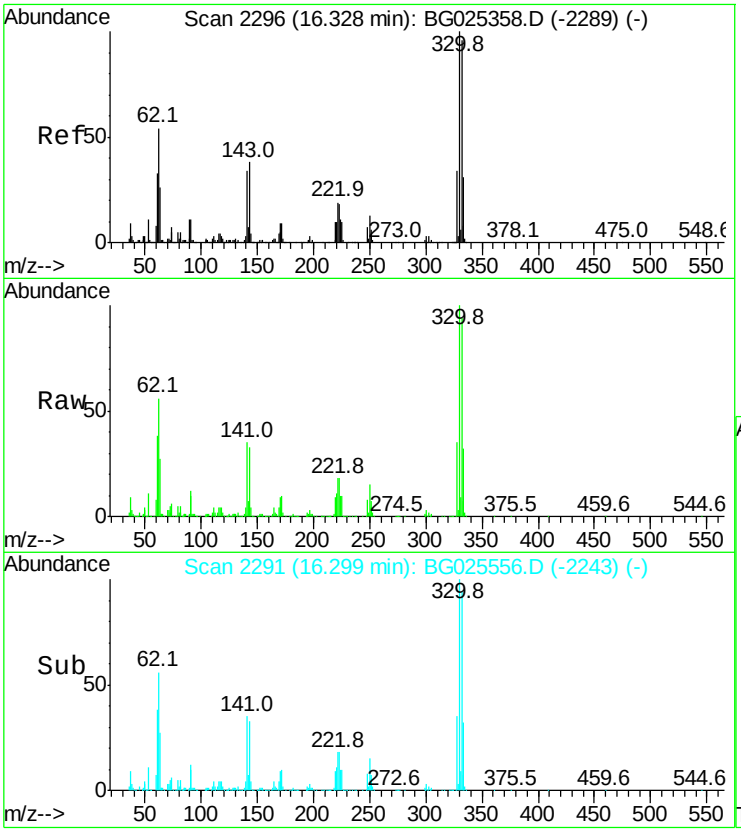


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BG025556.D
Acq: 21 Jan 2017 3:24

Tgt Ion:164 Resp: 188346

Ion	Ratio	Lower	Upper
164	100		
162	111.9	85.1	127.7
160	53.4	34.7	52.1#



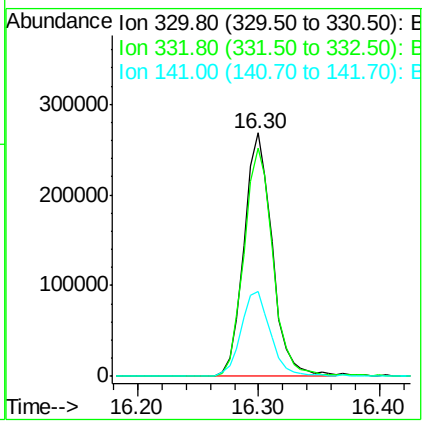


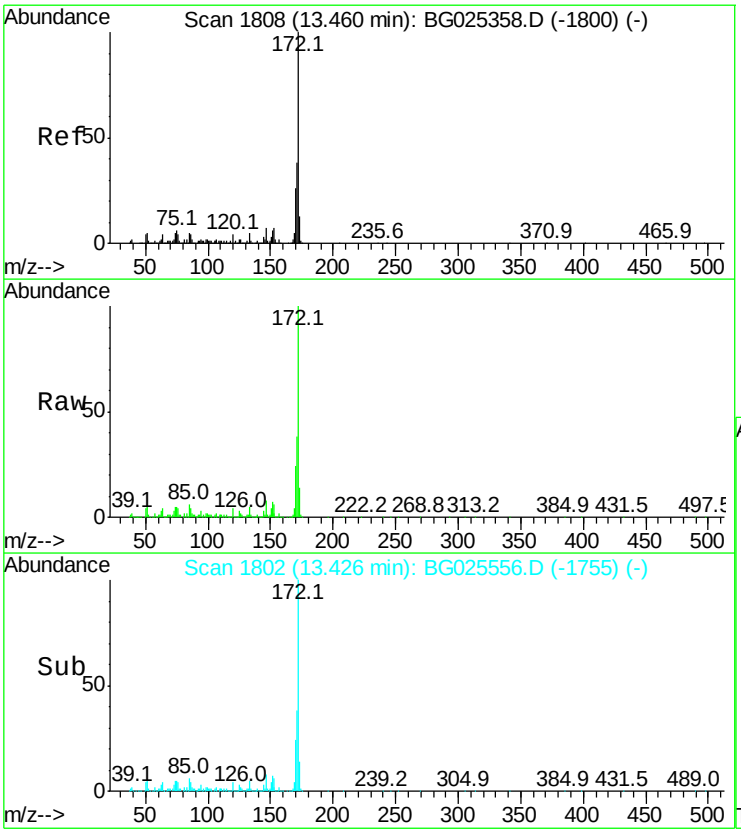
#41
2,4,6-Tribromophenol
Concen: 143.97 ng
RT: 16.30 min Scan# 2291
Delta R.T. -0.02 min
Lab File: BG025556.D
Acq: 21 Jan 2017 3:24

Instrument :
BNA_G
ClientSampleId :
S4-0-3FT-COMP

Tgt Ion:330 Resp: 436550

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	36.4	32.1	48.1

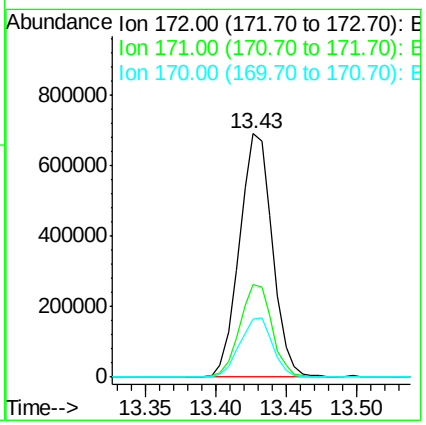


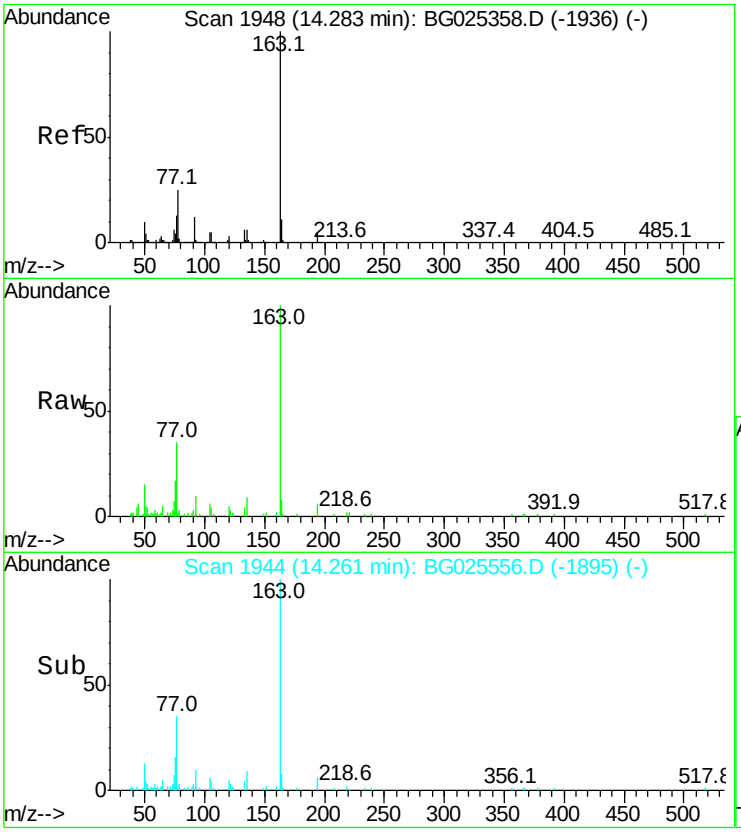


#44
2-Fluorobiphenyl
Concen: 96.73 ng
RT: 13.43 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG025556.D
Acq: 21 Jan 2017 3:24

Tgt Ion:172 Resp: 1125272

Ion	Ratio	Lower	Upper
172	100		
171	38.2	32.2	48.2
170	24.0	21.8	32.6



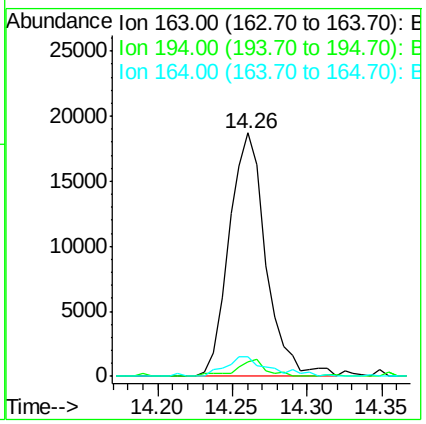


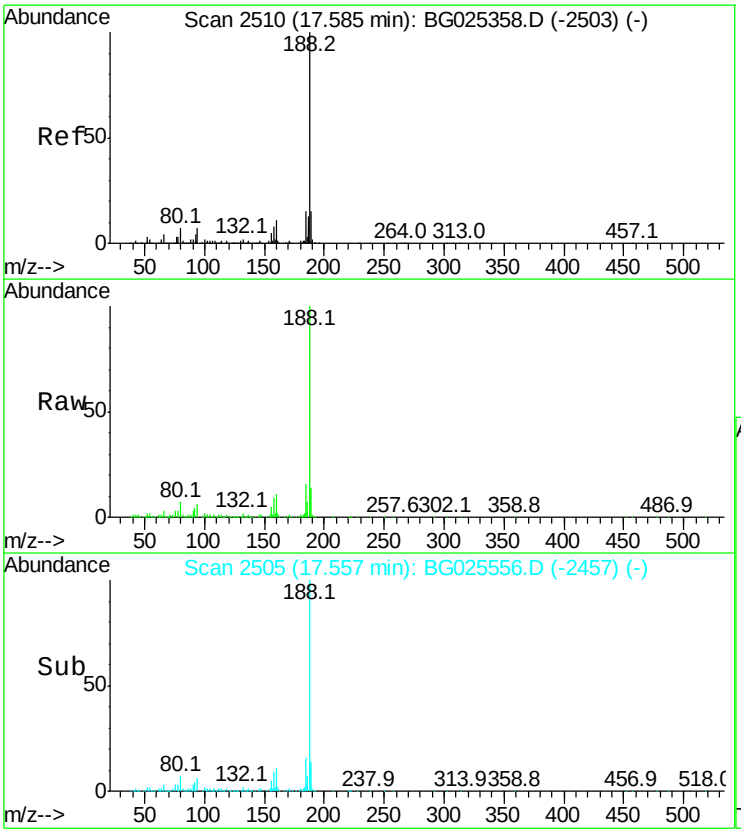
#49
Dimethylphthalate
Concen: 2.34 ng
RT: 14.26 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG025556.D
Acq: 21 Jan 2017 3:24

Instrument :
BNA_G
ClientSampleId :
S4-0-3FT-COMP

Tgt Ion:163 Resp: 32127

Ion	Ratio	Lower	Upper
163	100		
194	6.2	3.8	5.6#
164	7.8	9.3	13.9#

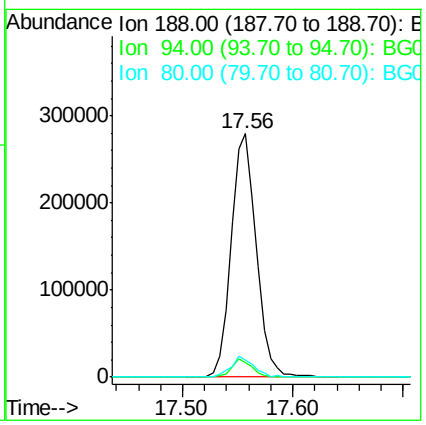


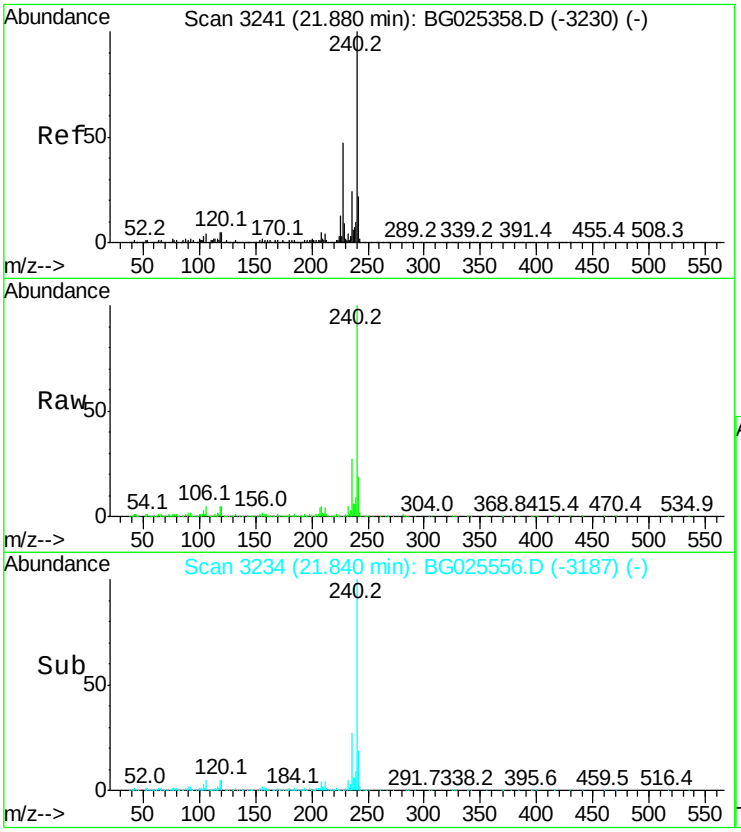


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.02 min
Lab File: BG025556.D
Acq: 21 Jan 2017 3:24

Tgt Ion:188 Resp: 446094

Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.8	8.8
80	6.8	7.5	11.3#



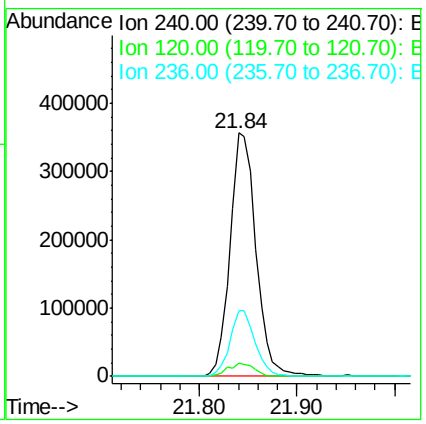


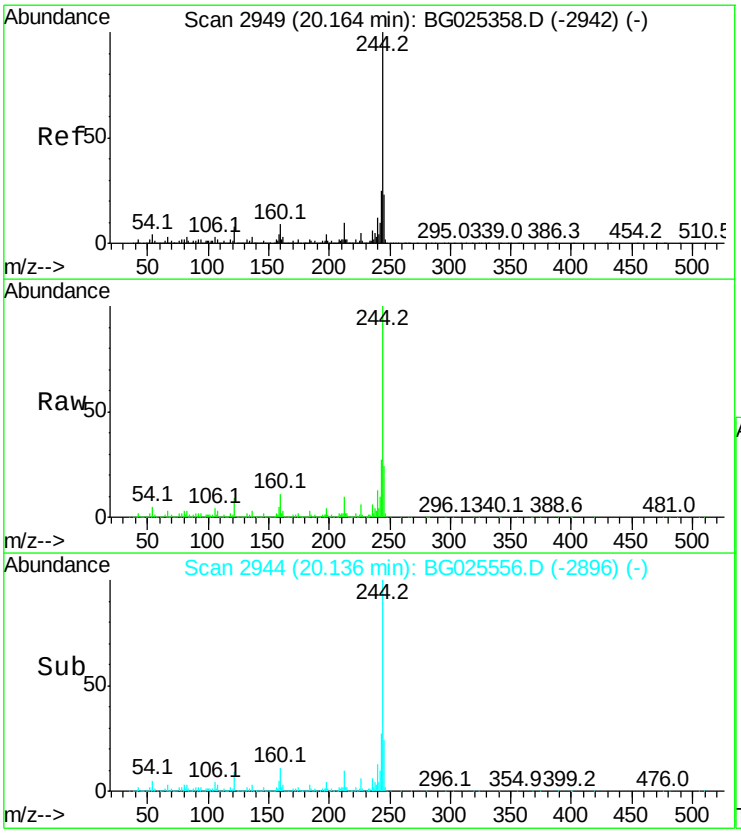
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.02 min
Lab File: BG025556.D
Acq: 21 Jan 2017 3:24

Instrument :
BNA_G
ClientSampleId :
S4-0-3FT-COMP

Tgt Ion:240 Resp: 658803

Ion	Ratio	Lower	Upper
240	100		
120	5.4	5.7	8.5#
236	27.0	22.2	33.4

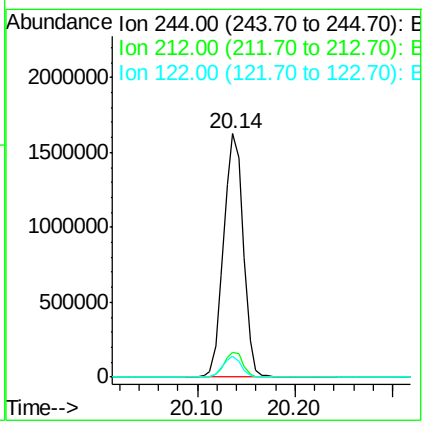


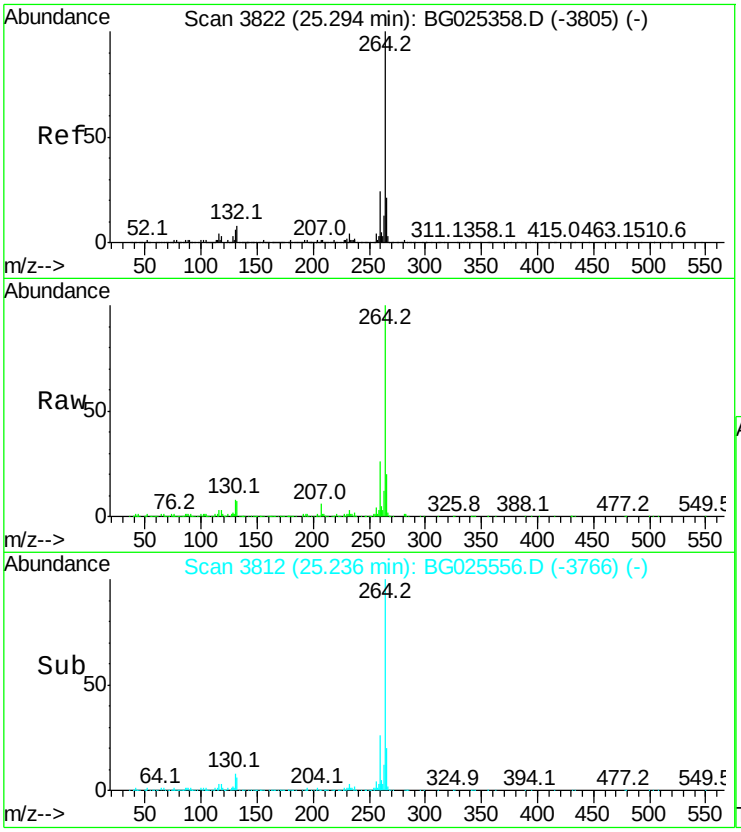


#78
Terphenyl-d14
Concen: 91.60 ng
RT: 20.14 min Scan# 2944
Delta R.T. -0.02 min
Lab File: BG025556.D
Acq: 21 Jan 2017 3:24

Tgt Ion:244 Resp: 2276059

Ion	Ratio	Lower	Upper
244	100		
212	10.3	10.0	15.0
122	8.7	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.24 min Scan# 3812
Delta R.T. -0.03 min
Lab File: BG025556.D
Acq: 21 Jan 2017 3:24

Instrument :
BNA_G
ClientSampleId :
S4-0-3FT-COMP

Tgt Ion:264 Resp: 676125

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.8	32.8
265	20.1	18.2	27.4