Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022984.D
Acq On : 10 Jul 2016 4:09
Operator : UM/SJ
Sample : H3934-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C2.2-01

Quant Time: Jul 11 05:19:28 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	96681	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	448600	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	367987	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	867276	20.00	ng	0.00
75) Chrysene-d12	21.84	240	963414	20.00	ng	0.00
86) Perylene-d12	25.21	264	954631	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	772654	130.71	ng	0.00
7) Phenol-d6	7.30	99	1256262	135.69	ng	0.00
23) Nitrobenzene-d5	9.32	82	885873	84.56	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	714771	108.08	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1837075	78.63	ng	0.00
78) Terphenyl-d14	20.15	244	2645827	88.46	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.29	77	24844	4.02	ng	# 81
32) Benzoic acid	10.22	122	52537	7.65	ng	97
49) Dimethylphthalate	14.24	163	330603	11.00	ng	99

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

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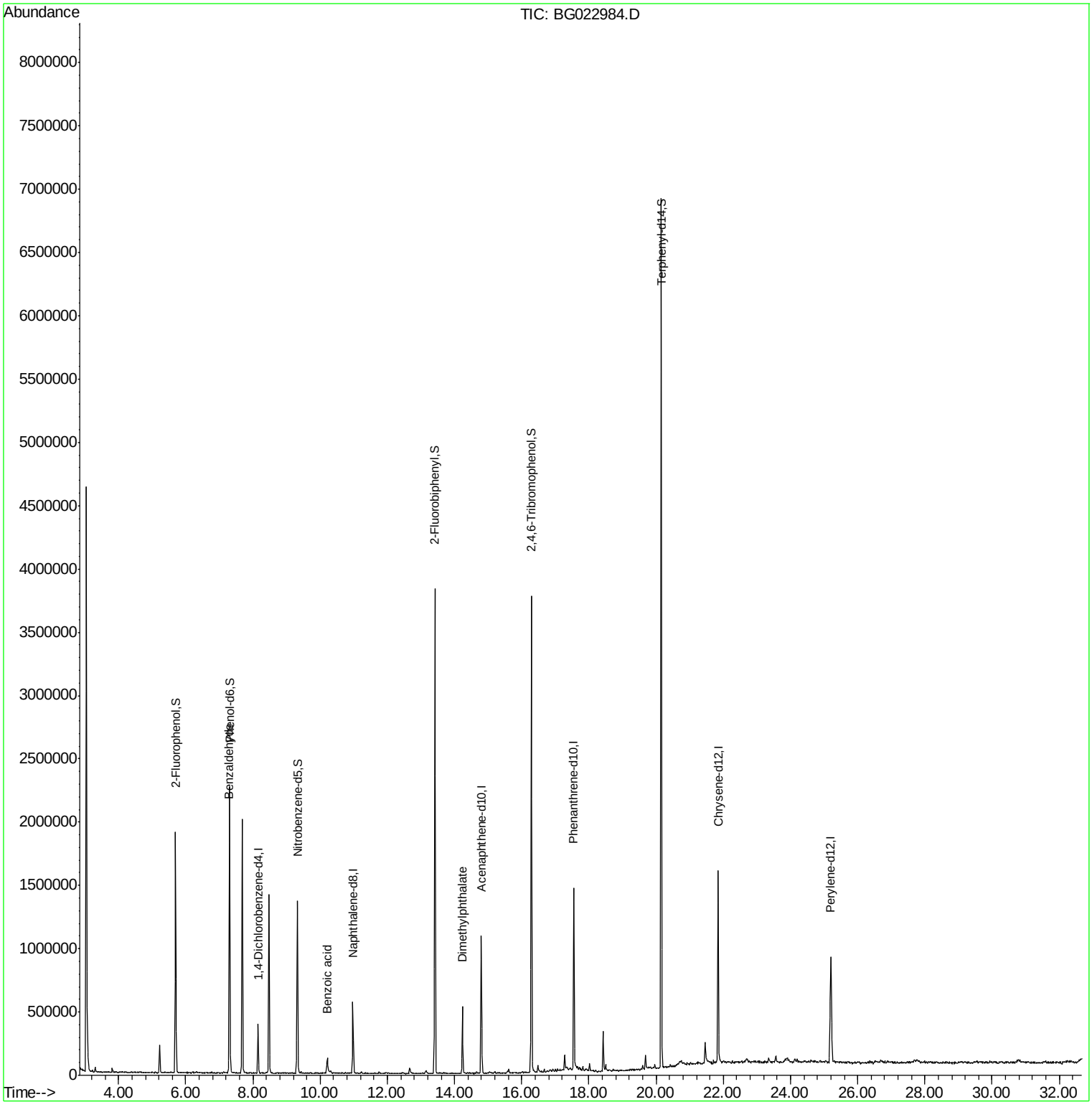
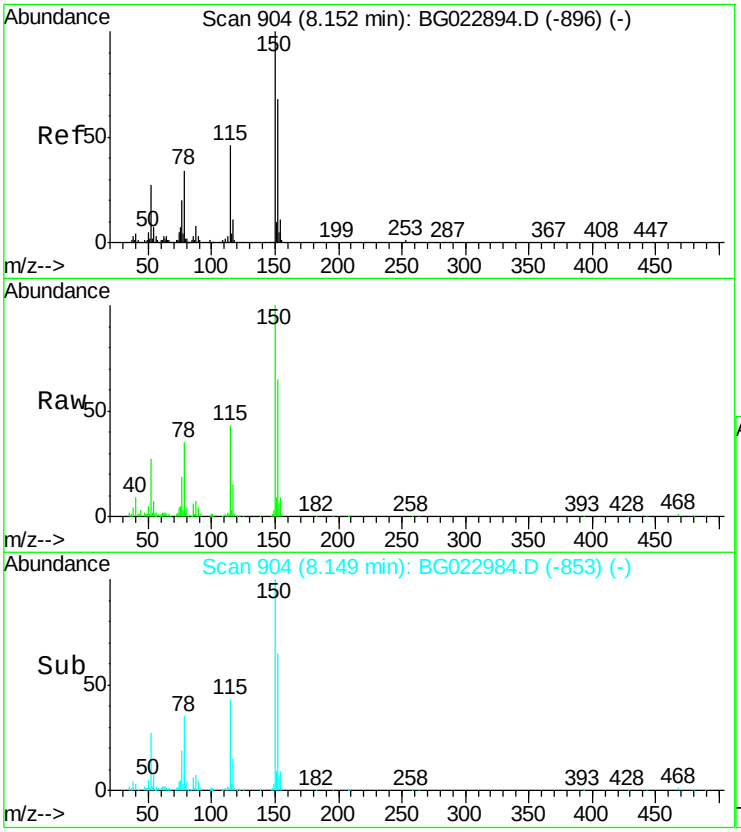


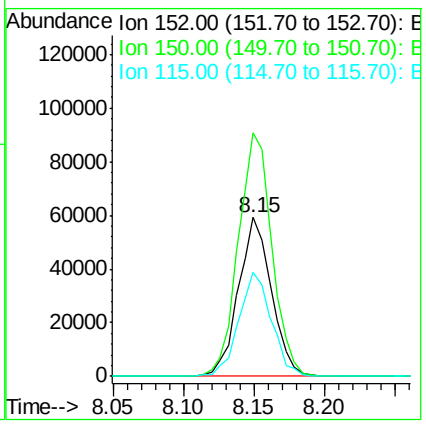


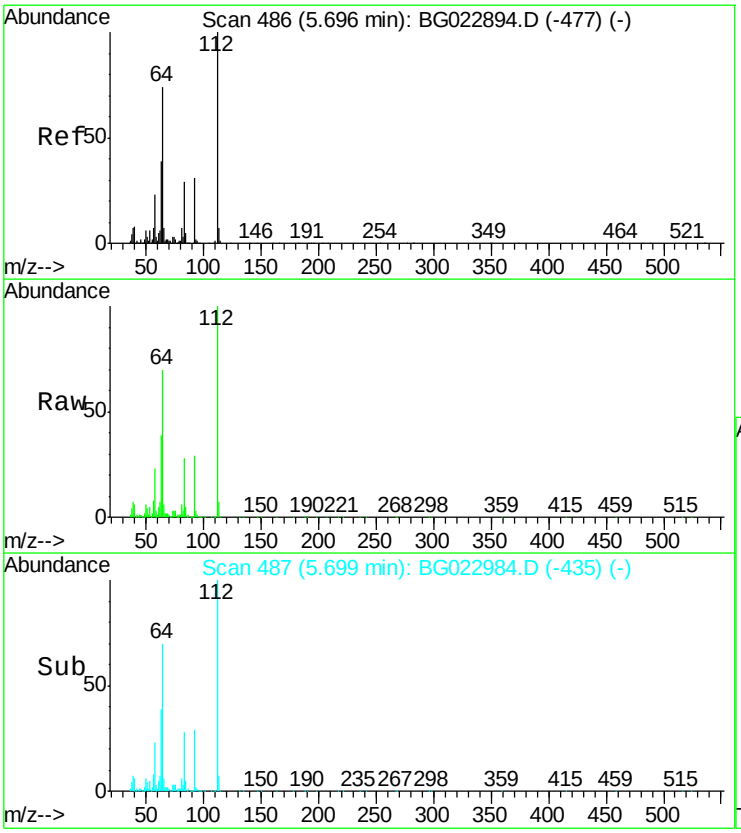
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG022984.D
Acq: 10 Jul 2016 4:09

Instrument :
BNA_G
ClientSampleId :
C2.2-01

Tgt Ion:152 Resp: 96681

Ion	Ratio	Lower	Upper
152	100		
150	153.2	144.7	217.1
115	65.4	64.0	96.0

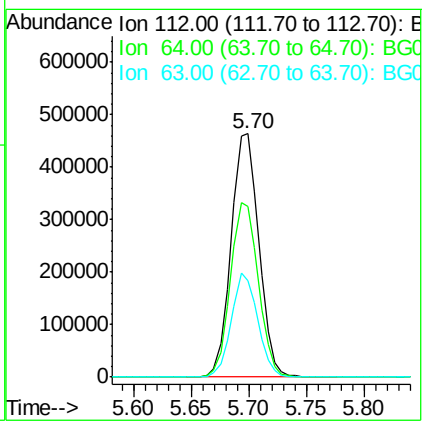


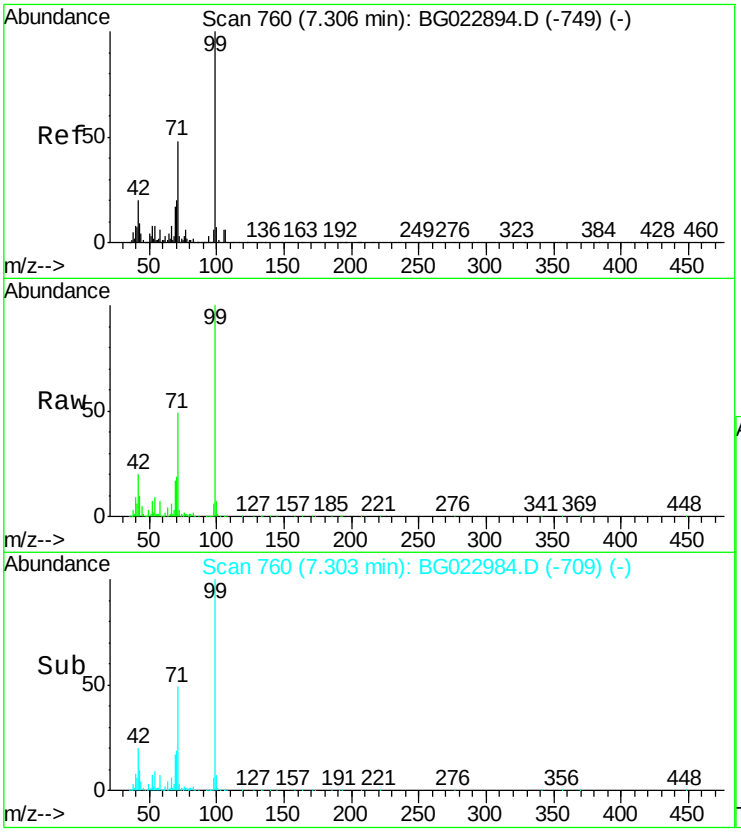


#5
2-Fluorophenol
Concen: 130.71 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG022984.D
Acq: 10 Jul 2016 4:09

Tgt Ion:112 Resp: 772654

Ion	Ratio	Lower	Upper
112	100		
64	70.1	59.0	88.4
63	39.4	37.8	56.8



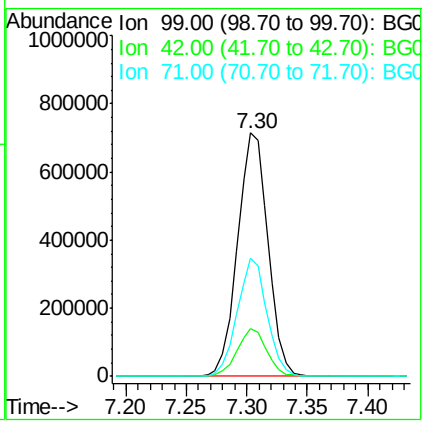


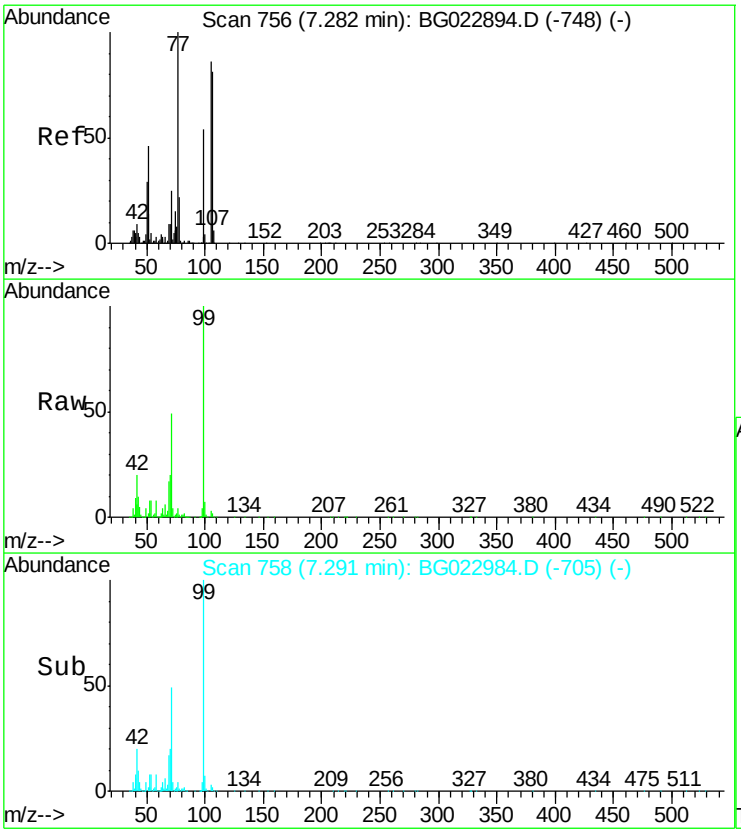
#7
Phenol-d6
Concen: 135.69 ng
RT: 7.30 min Scan# 760
Delta R.T. -0.00 min
Lab File: BG022984.D
Acq: 10 Jul 2016 4:09

Instrument :
BNA_G
ClientSampleId :
C2.2-01

Tgt Ion: 99 Resp: 1256262

Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.8	26.6
71	48.6	41.5	62.3

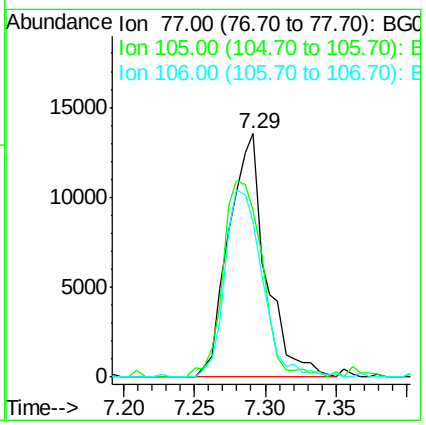


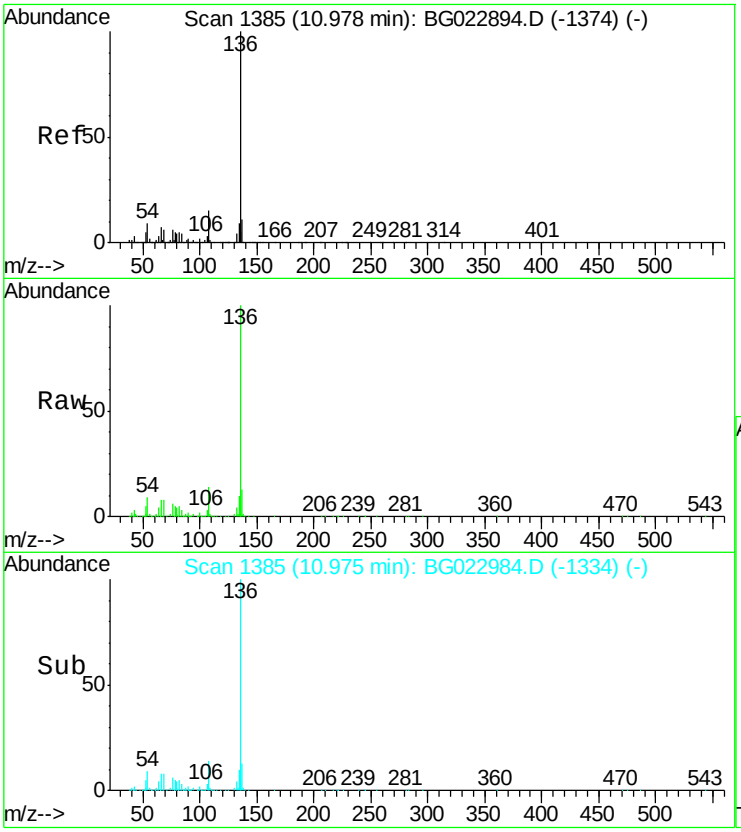


#9
Benzaldehyde
Concen: 4.02 ng
RT: 7.29 min Scan# 758
Delta R.T. 0.01 min
Lab File: BG022984.D
Acq: 10 Jul 2016 4:09

Tgt Ion: 77 Resp: 24844

Ion	Ratio	Lower	Upper
77	100		
105	68.5	58.7	98.7
106	63.8	67.5	107.5#



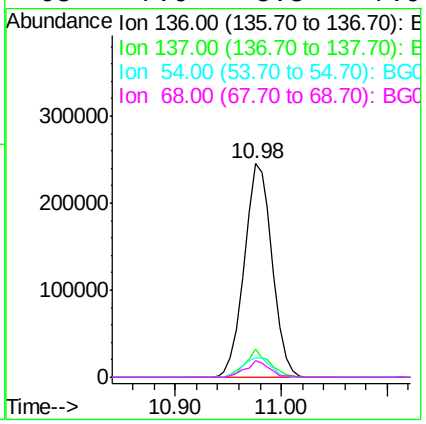


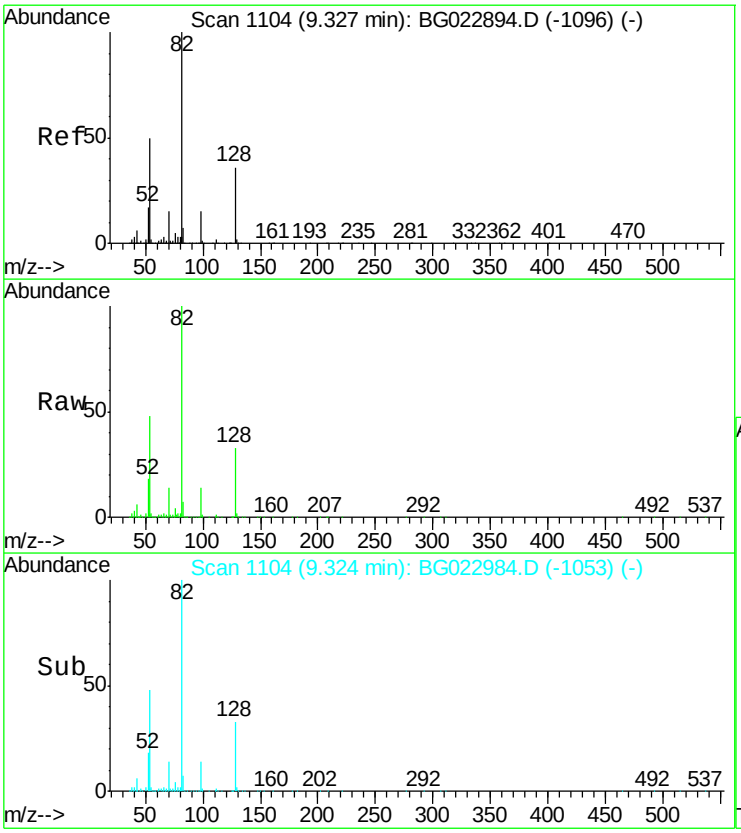
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG022984.D
Acq: 10 Jul 2016 4:09

Instrument : BNA_G
ClientSampleId : C2.2-01

Tgt Ion:136 Resp: 448600

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.6	14.4
54	9.1	7.3	10.9
68	7.6	5.3	7.9

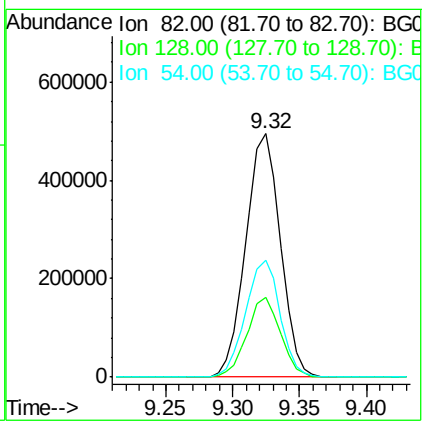


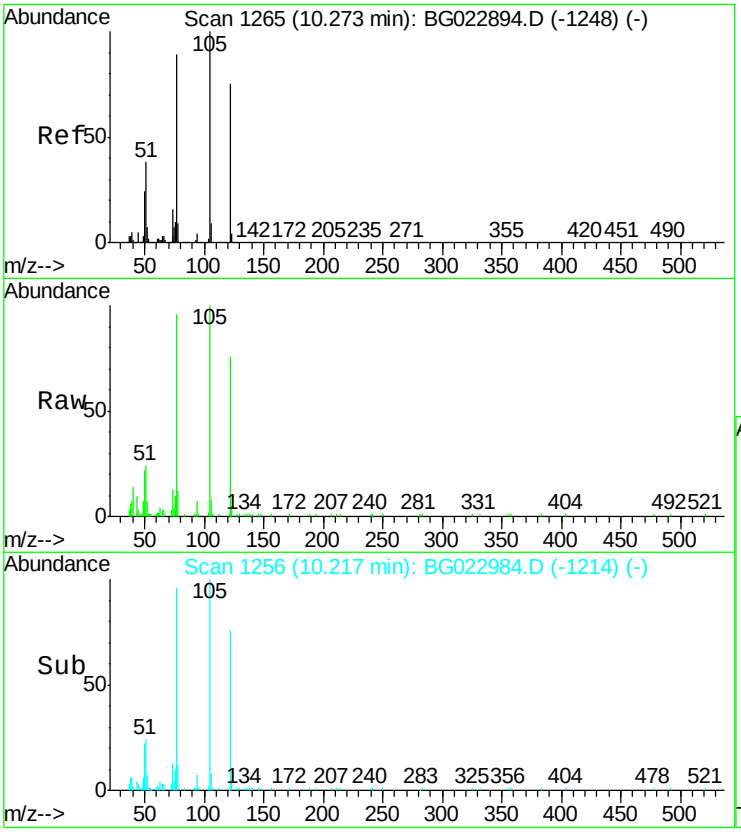


#23
Nitrobenzene-d5
Concen: 84.56 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG022984.D
Acq: 10 Jul 2016 4:09

Tgt Ion: 82 Resp: 885873

Ion	Ratio	Lower	Upper
82	100		
128	32.7	24.4	36.6
54	48.1	41.4	62.0



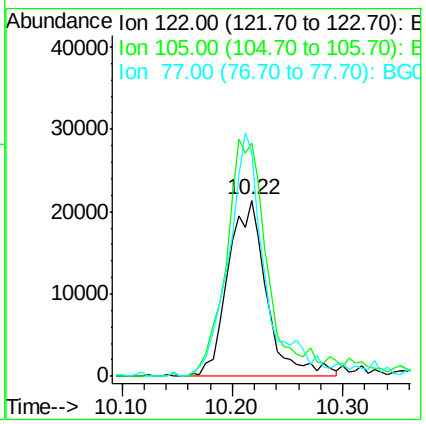


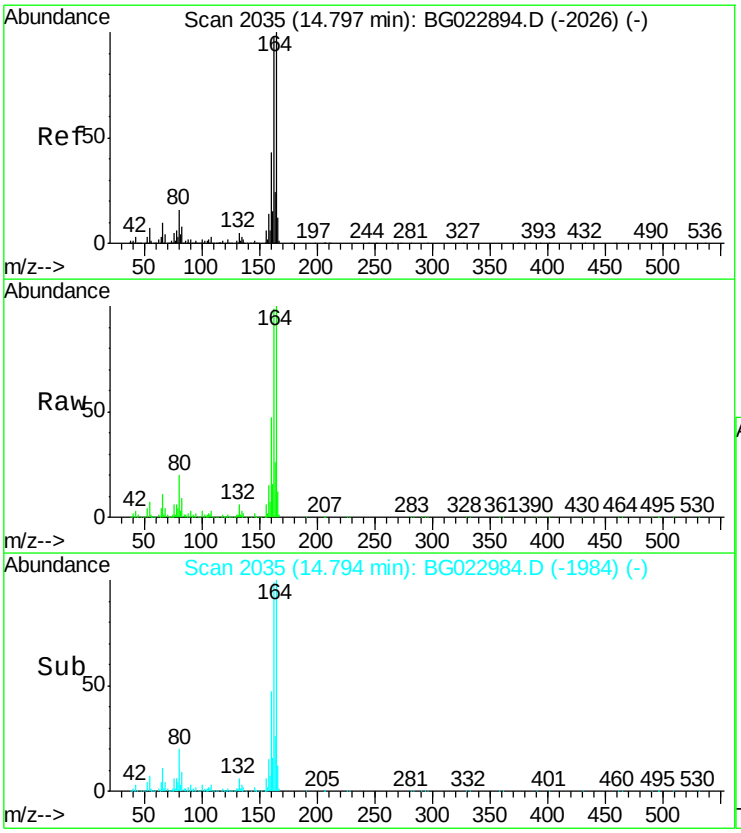
#32
Benzoic acid
Concen: 7.65 ng
RT: 10.22 min Scan# 1256
Delta R.T. -0.06 min
Lab File: BG022984.D
Acq: 10 Jul 2016 4:09

Instrument :
BNA_G
ClientSampleId :
C2.2-01

Tgt Ion:122 Resp: 52537

Ion	Ratio	Lower	Upper
122	100		
105	132.1	117.2	157.2
77	127.0	109.2	149.2

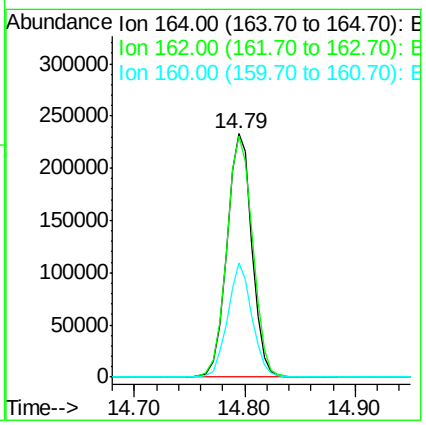


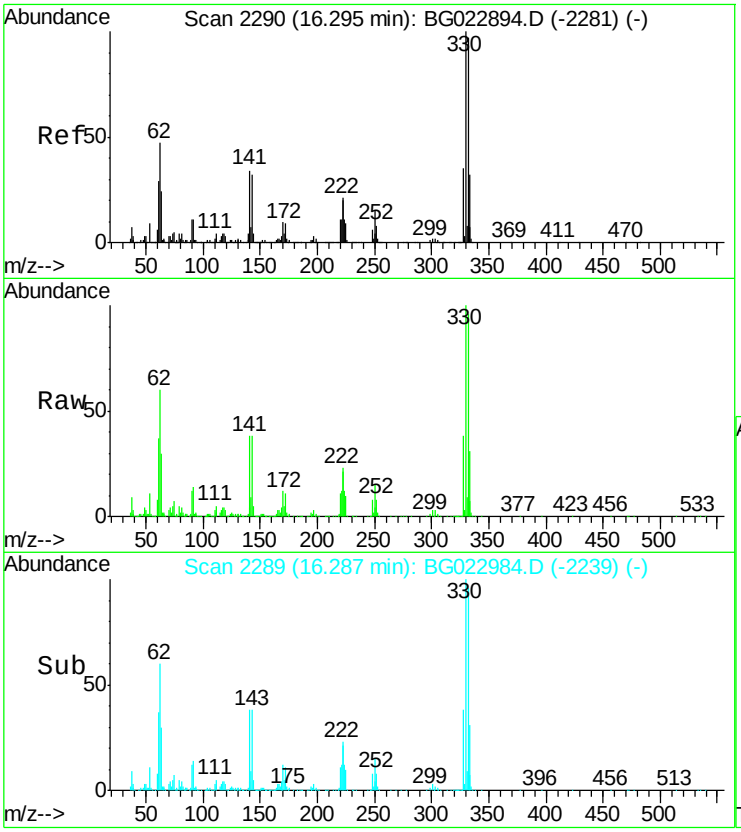


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG022984.D
Acq: 10 Jul 2016 4:09

Tgt Ion:164 Resp: 367987

Ion	Ratio	Lower	Upper
164	100		
162	99.0	87.7	131.5
160	46.8	37.2	55.8



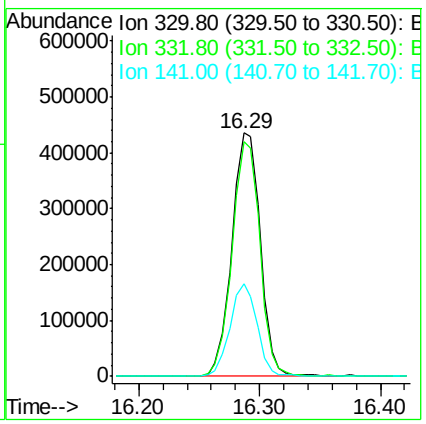


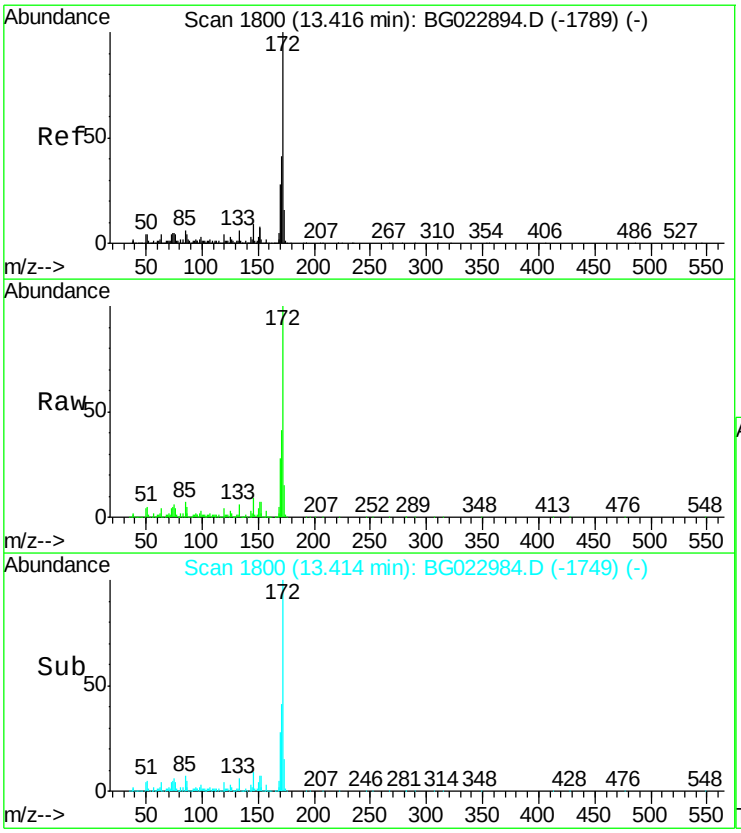
#41
2,4,6-Tribromophenol
Concen: 108.08 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BG022984.D
Acq: 10 Jul 2016 4:09

Instrument :
BNA_G
ClientSampleId :
C2.2-01

Tgt Ion:330 Resp: 714771

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.4	116.2
141	36.1	31.7	47.5

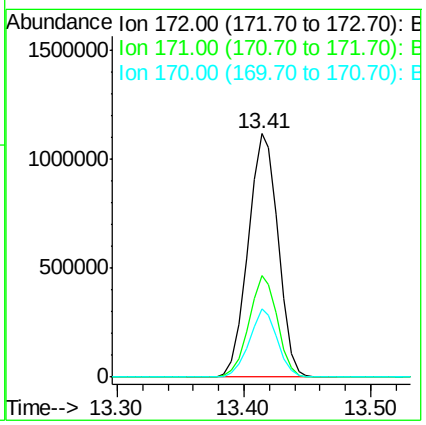


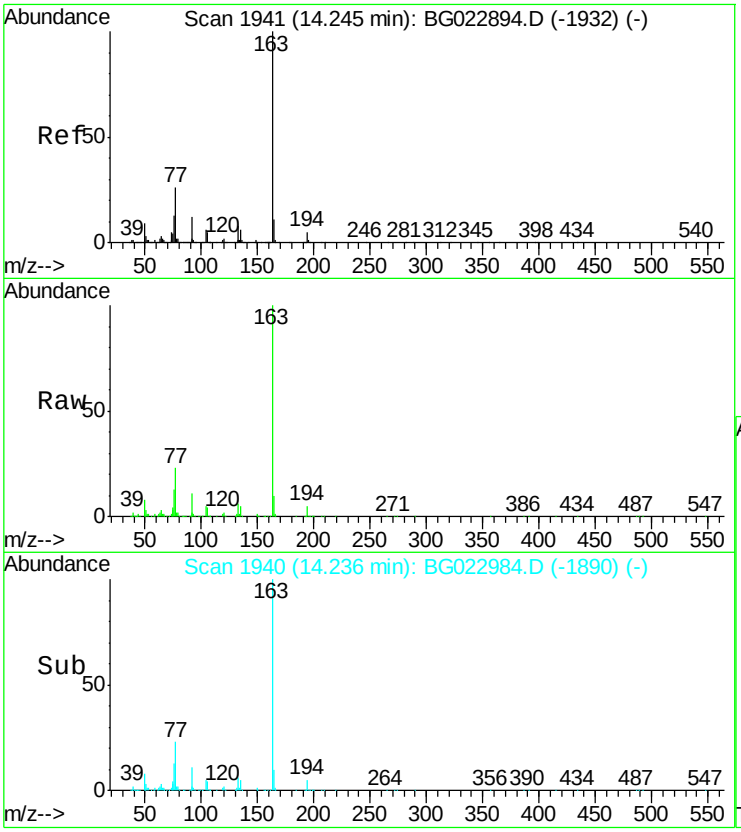


#44
2-Fluorobiphenyl
Concen: 78.63 ng
RT: 13.41 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG022984.D
Acq: 10 Jul 2016 4:09

Tgt Ion:172 Resp: 1837075

Ion	Ratio	Lower	Upper
172	100		
171	41.5	31.6	47.4
170	28.0	21.3	31.9



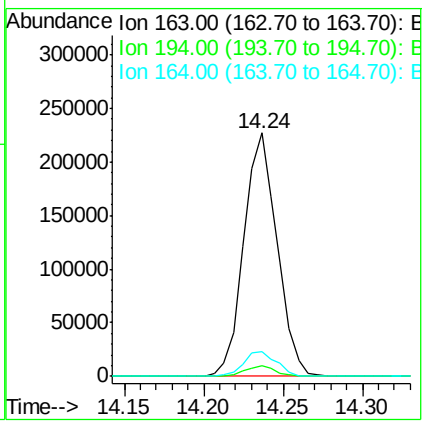


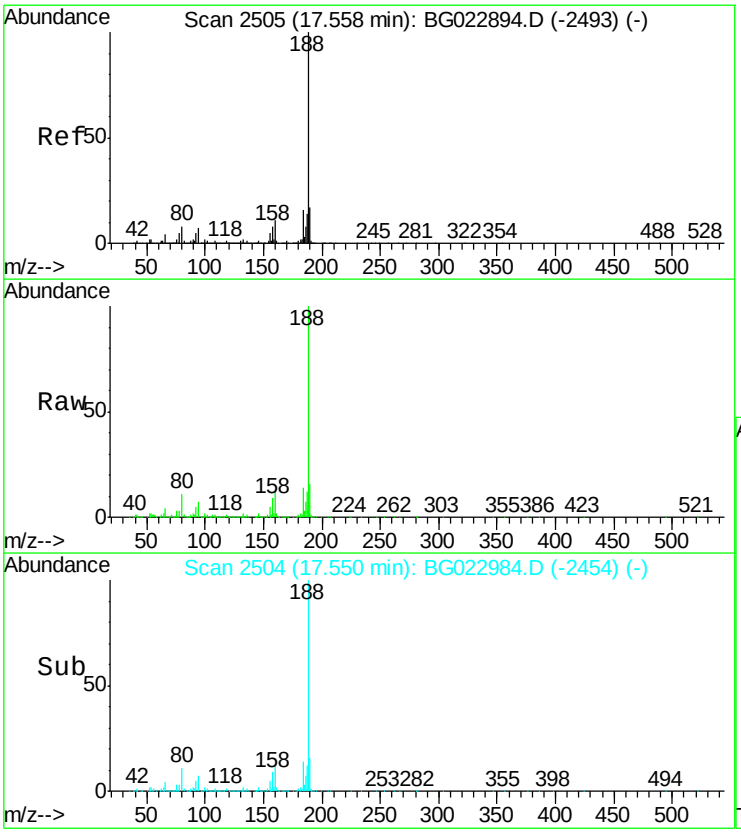
#49
Dimethylphthalate
Concen: 11.00 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022984.D
Acq: 10 Jul 2016 4:09

Instrument :
BNA_G
ClientSampleId :
C2.2-01

Tgt Ion:163 Resp: 330603

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	10.4	8.1	12.1

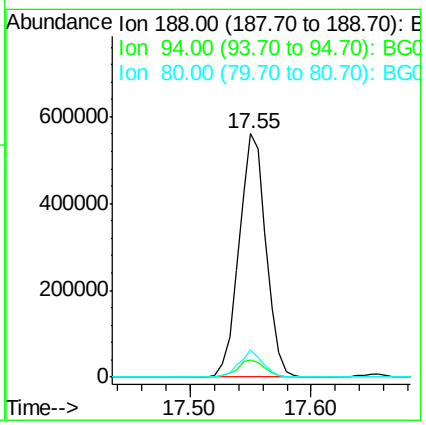


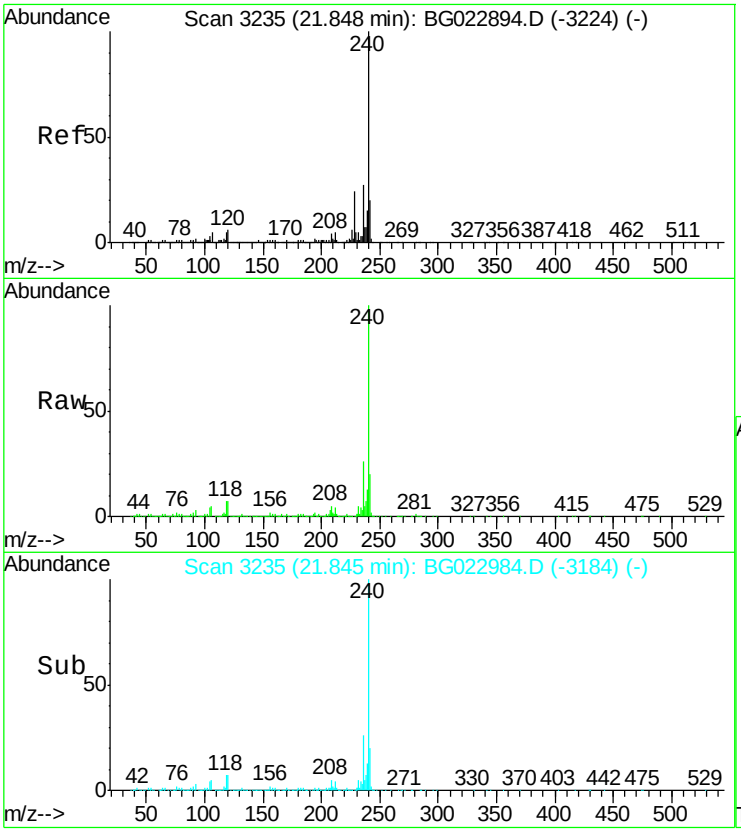


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG022984.D
Acq: 10 Jul 2016 4:09

Tgt Ion:188 Resp: 867276

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.2	7.8
80	11.0	7.2	10.8#



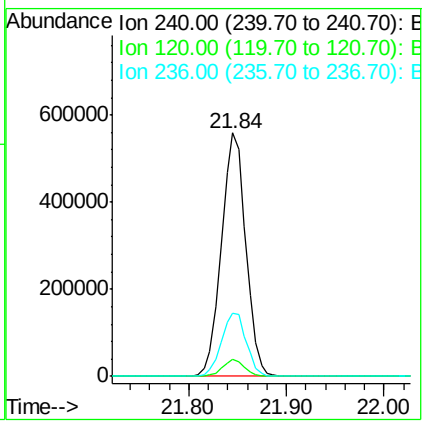


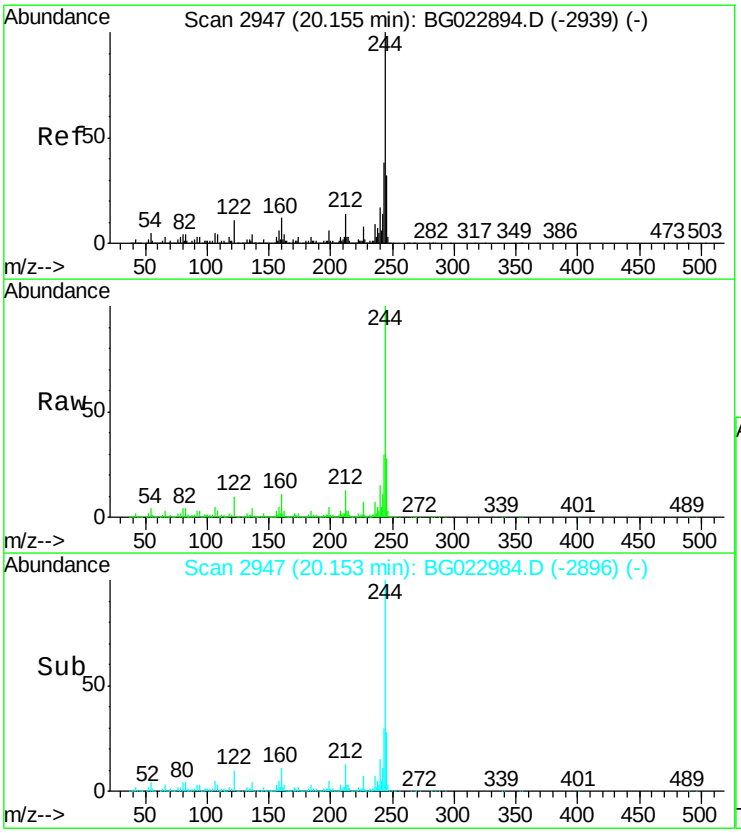
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022984.D
Acq: 10 Jul 2016 4:09

Instrument :
BNA_G
ClientSampleId :
C2.2-01

Tgt Ion:240 Resp: 963414

Ion	Ratio	Lower	Upper
240	100		
120	7.0	4.1	6.1#
236	26.1	21.1	31.7

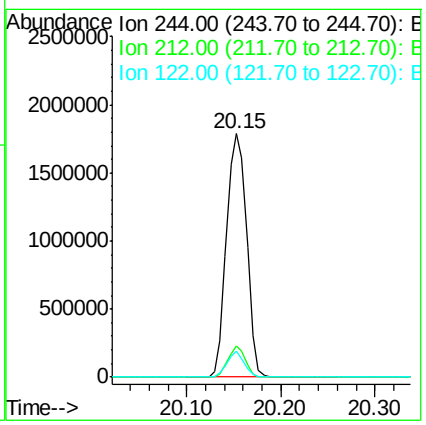


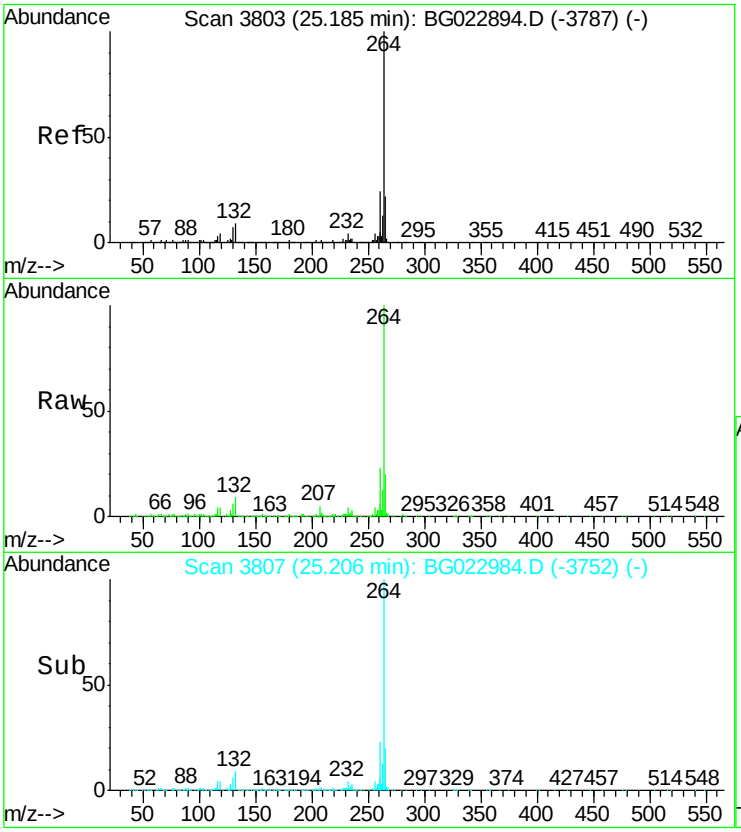


#78
Terphenyl-d14
Concen: 88.46 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG022984.D
Acq: 10 Jul 2016 4:09

Tgt Ion:244 Resp: 2645827

Ion	Ratio	Lower	Upper
244	100		
212	12.6	10.8	16.2
122	10.5	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. 0.02 min
Lab File: BG022984.D
Acq: 10 Jul 2016 4:09

Instrument :
BNA_G
ClientSampleId :
C2.2-01

Tgt Ion:264 Resp: 954631

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	20.3	18.9	28.3