Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
Data File : BG026008.D
Acq On : 28 Feb 2017 22:18
Operator : SJ/MA
Sample : I2006-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPS073052

Quant Time: Mar 01 00:49:00 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 28 15:36:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	86012	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	412617	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	274146	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	743924	20.00	ng	0.00
75) Chrysene-d12	21.65	240	757878	20.00	ng	-0.03
86) Perylene-d12	24.85	264	713637	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	423577	85.74	ng	0.00
7) Phenol-d6	7.23	99	380518	52.05	ng	0.00
23) Nitrobenzene-d5	9.23	82	672121	102.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	538030	212.42	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1724536	109.92	ng	-0.01
78) Terphenyl-d14	20.01	244	2571231	82.51	ng	-0.01
Target Compounds						Qvalue
35) Caprolactam	11.76	113	48628	20.45	ng	# 79
49) Dimethylphthalate	14.13	163	71828	3.82	ng	97

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

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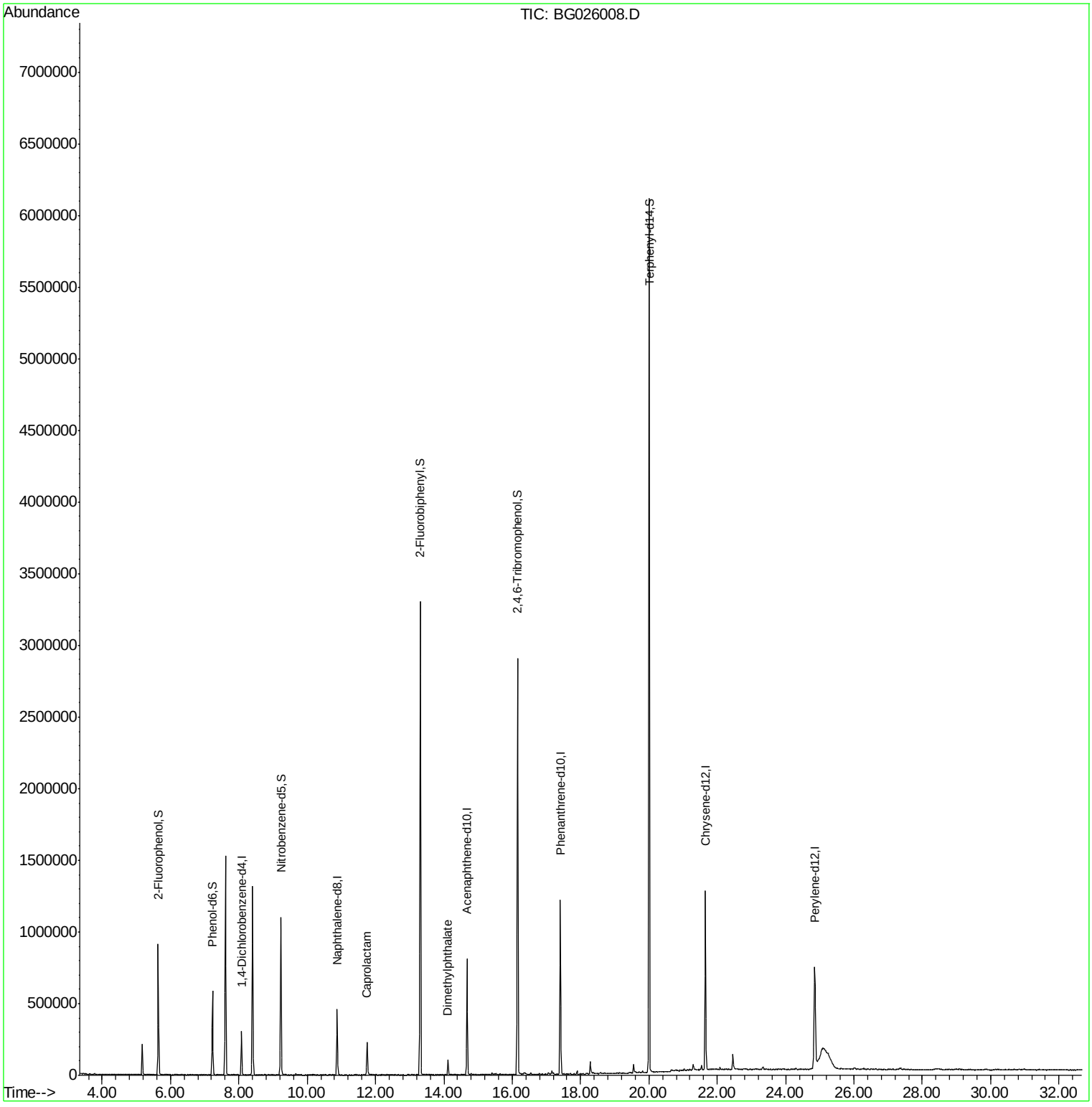
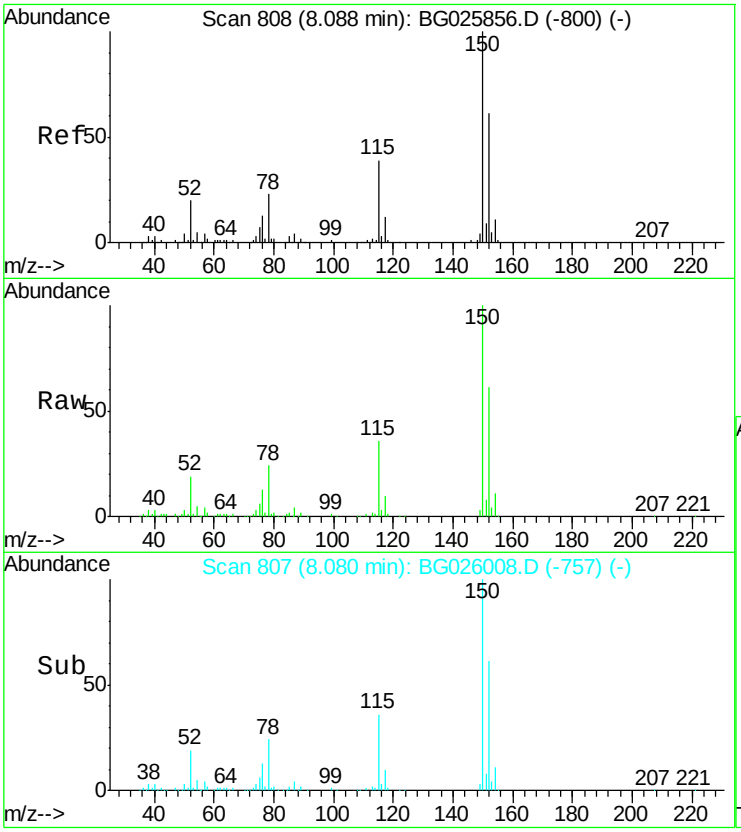


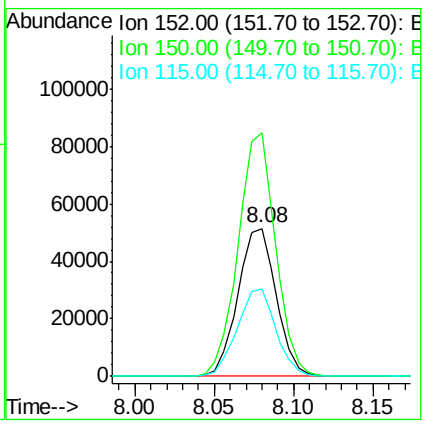


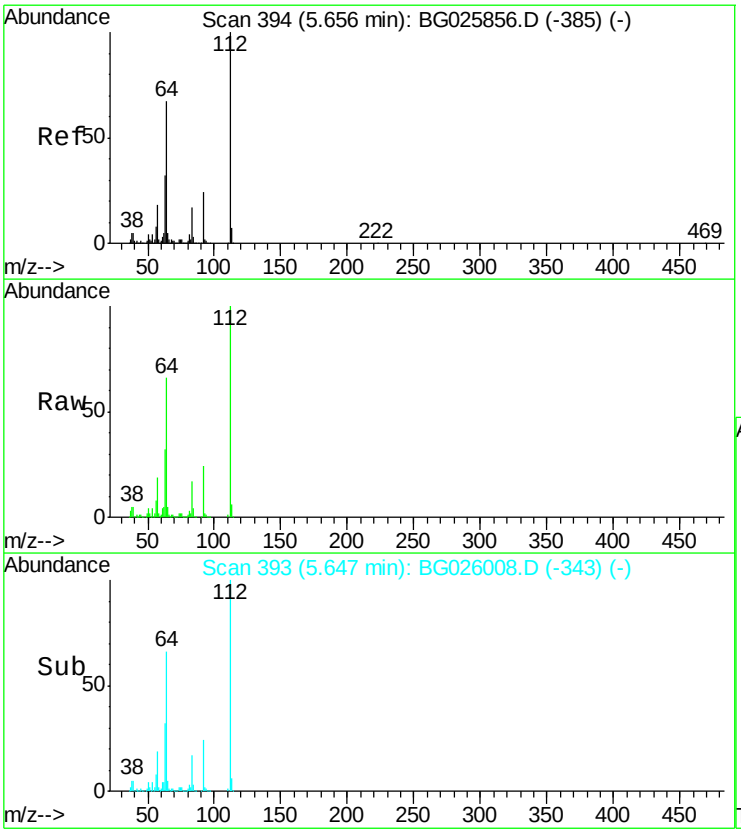
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG026008.D
Acq: 28 Feb 2017 22:18

Instrument :
BNA_G
ClientSampleId :
CPS073052

Tgt Ion:152 Resp: 86012

Ion	Ratio	Lower	Upper
152	100		
150	164.5	114.0	171.0
115	58.9	48.1	72.1

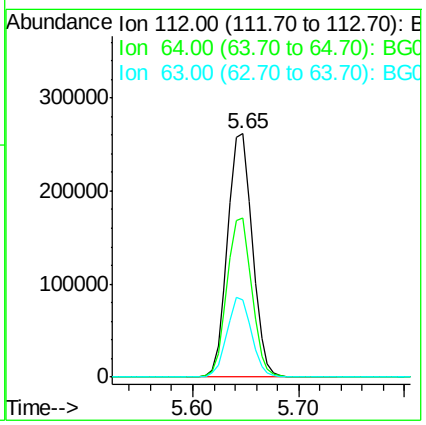


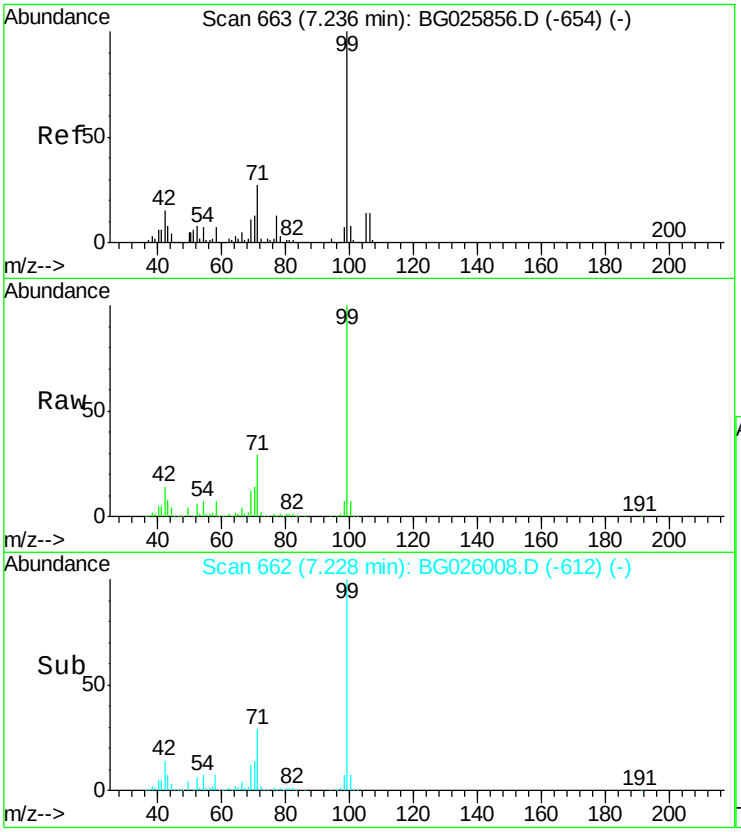


#5
2-Fluorophenol
Concen: 85.74 ng
RT: 5.65 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG026008.D
Acq: 28 Feb 2017 22:18

Tgt Ion:112 Resp: 423577

Ion	Ratio	Lower	Upper
112	100		
64	65.5	61.8	92.6
63	31.8	37.2	55.8#



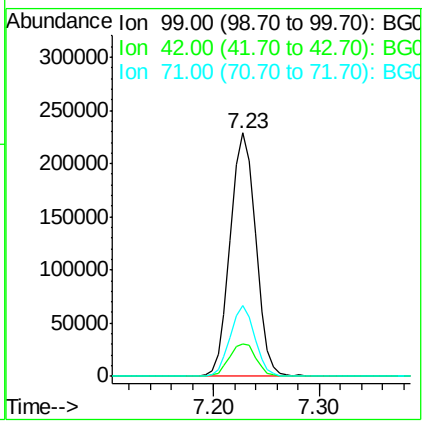


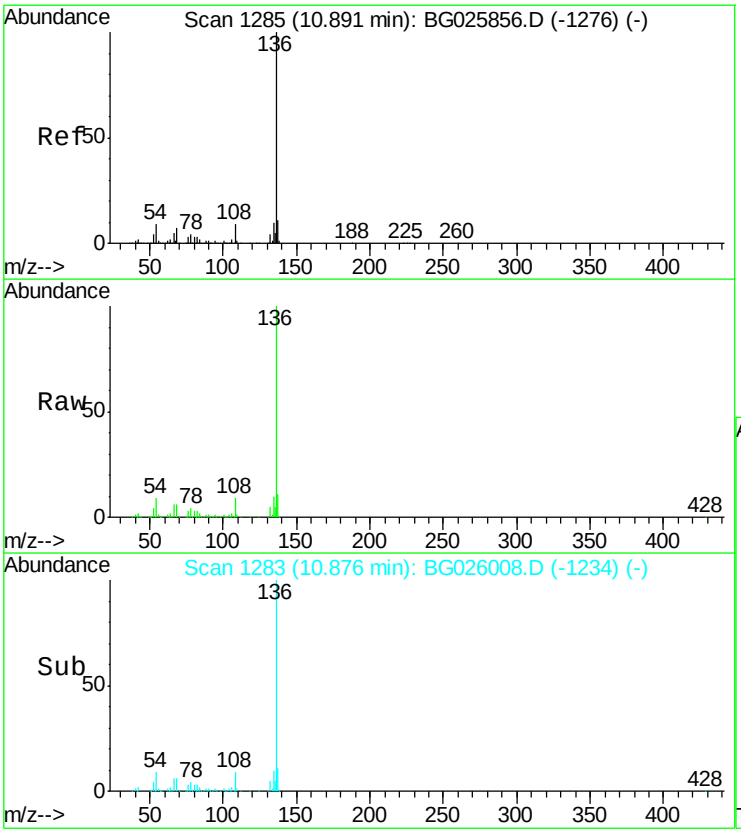
#7
Phenol-d6
Concen: 52.05 ng
RT: 7.23 min Scan# 662
Delta R.T. -0.01 min
Lab File: BG026008.D
Acq: 28 Feb 2017 22:18

Instrument :
BNA_G
ClientSampleId :
CPS073052

Tgt Ion: 99 Resp: 380518

Ion	Ratio	Lower	Upper
99	100		
42	13.6	20.5	30.7#
71	28.9	37.6	56.4#

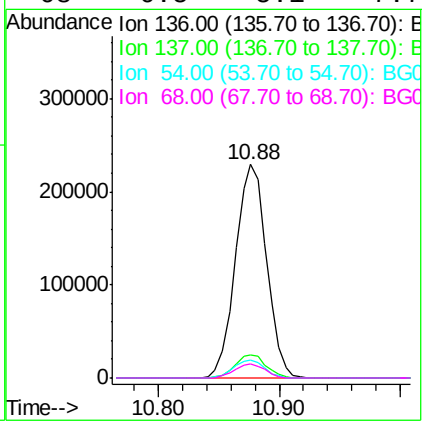


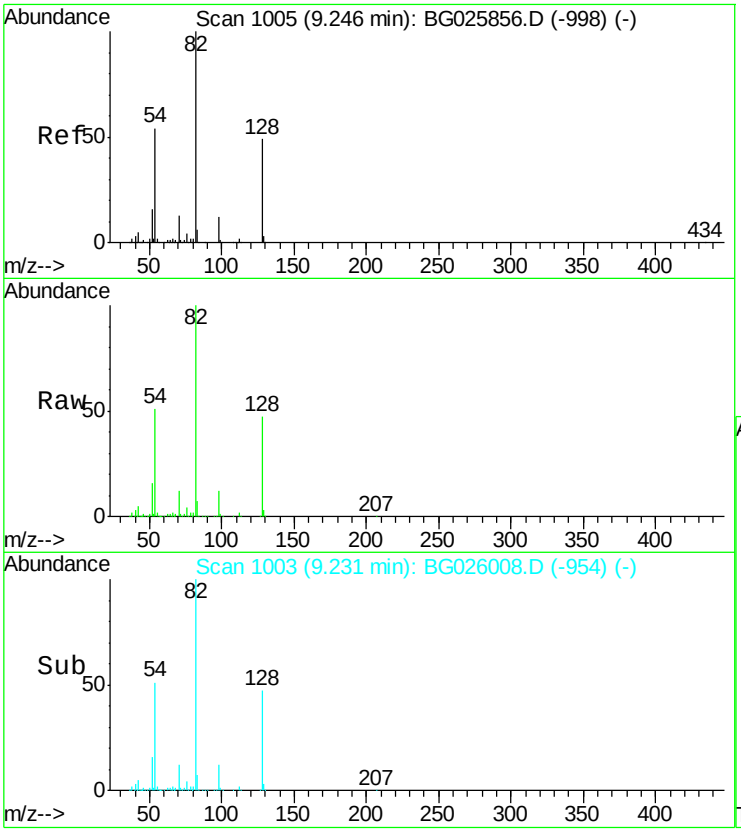


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG026008.D
Acq: 28 Feb 2017 22:18

Tgt Ion:136 Resp: 412617

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.6	9.3	13.9#
68	6.5	5.1	7.7



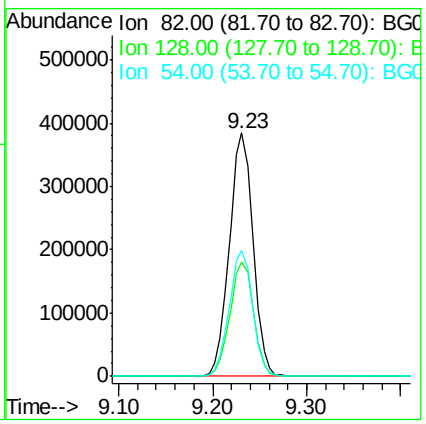


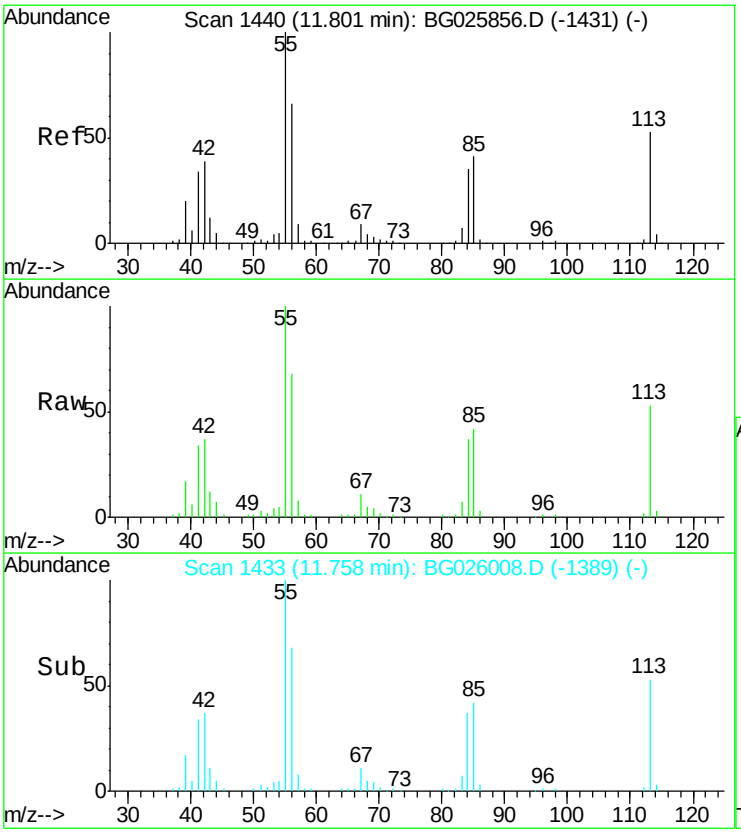
#23
Nitrobenzene-d5
Concen: 102.80 ng
RT: 9.23 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG026008.D
Acq: 28 Feb 2017 22:18

Instrument :
BNA_G
ClientSampleId :
CPS073052

Tgt Ion: 82 Resp: 672121

Ion	Ratio	Lower	Upper
82	100		
128	47.1	26.4	39.6#
54	51.4	49.4	74.2

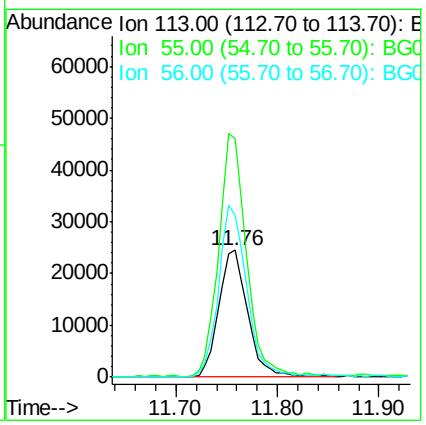


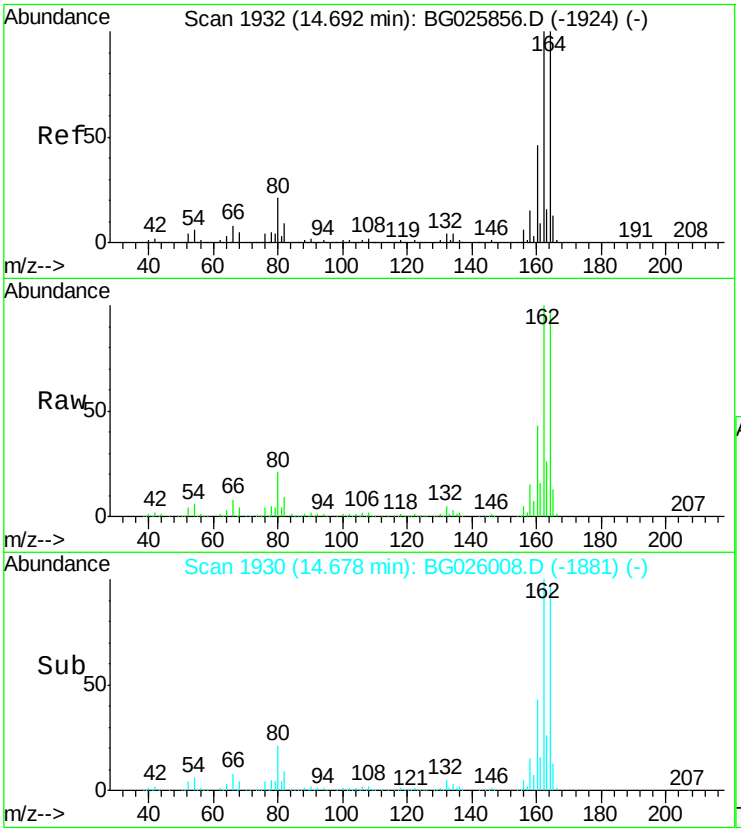


#35
Caprolactam
Concen: 20.45 ng
RT: 11.76 min Scan# 1433
Delta R.T. -0.04 min
Lab File: BG026008.D
Acq: 28 Feb 2017 22:18

Tgt Ion:113 Resp: 48628

Ion	Ratio	Lower	Upper
113	100		
55	188.8	198.6	238.6#
56	127.5	140.4	180.4#



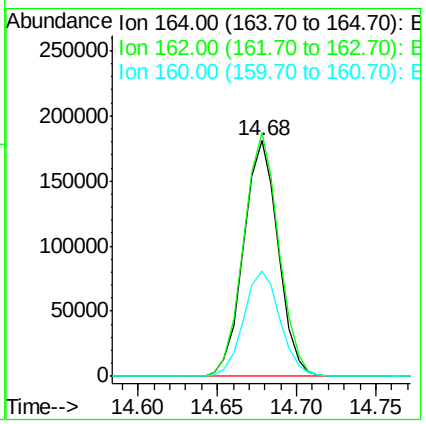


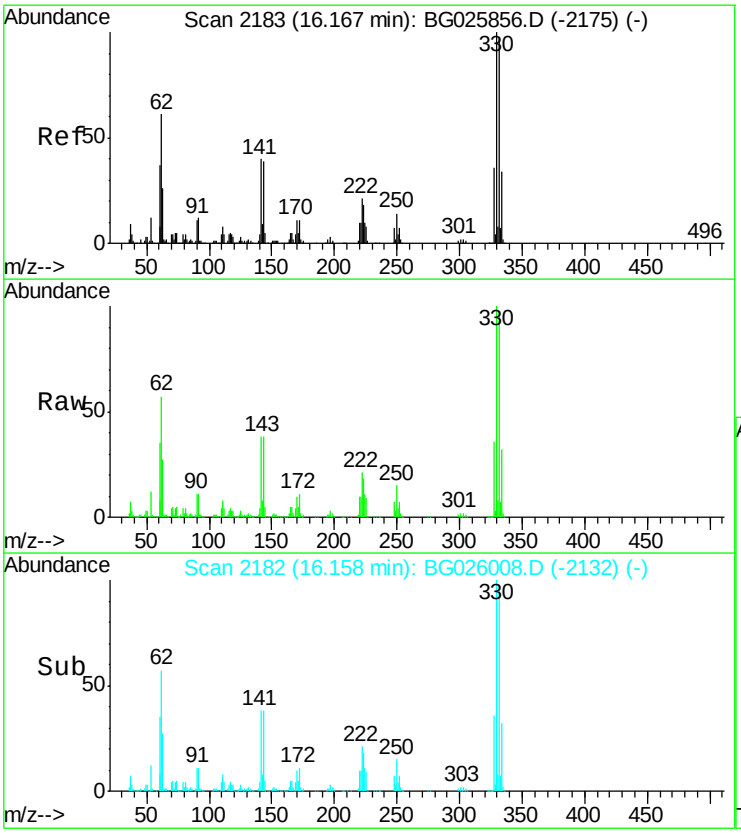
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG026008.D
Acq: 28 Feb 2017 22:18

Instrument :
BNA_G
ClientSampleId :
CPS073052

Tgt Ion:164 Resp: 274146

Ion	Ratio	Lower	Upper
164	100		
162	103.4	85.1	127.7
160	44.7	34.7	52.1

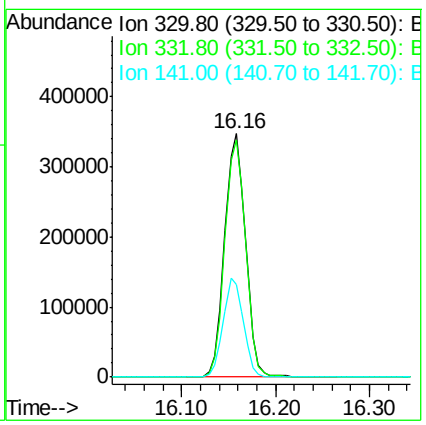


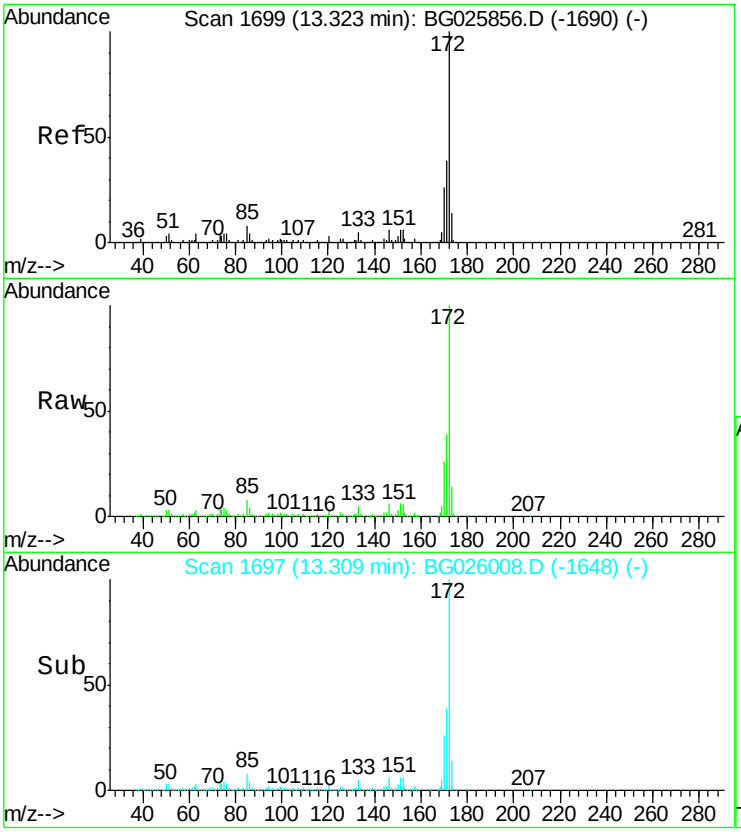


#41
2,4,6-Tribromophenol
Concen: 212.42 ng
RT: 16.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG026008.D
Acq: 28 Feb 2017 22:18

Tgt Ion:330 Resp: 538030

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	39.2	32.1	48.1



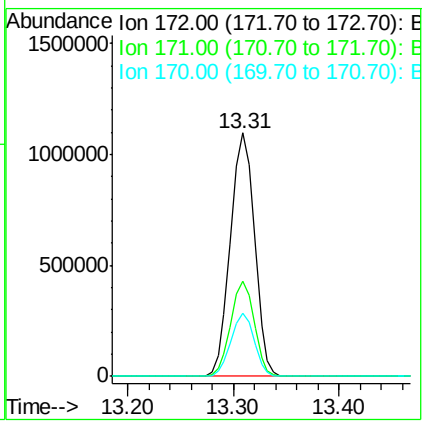


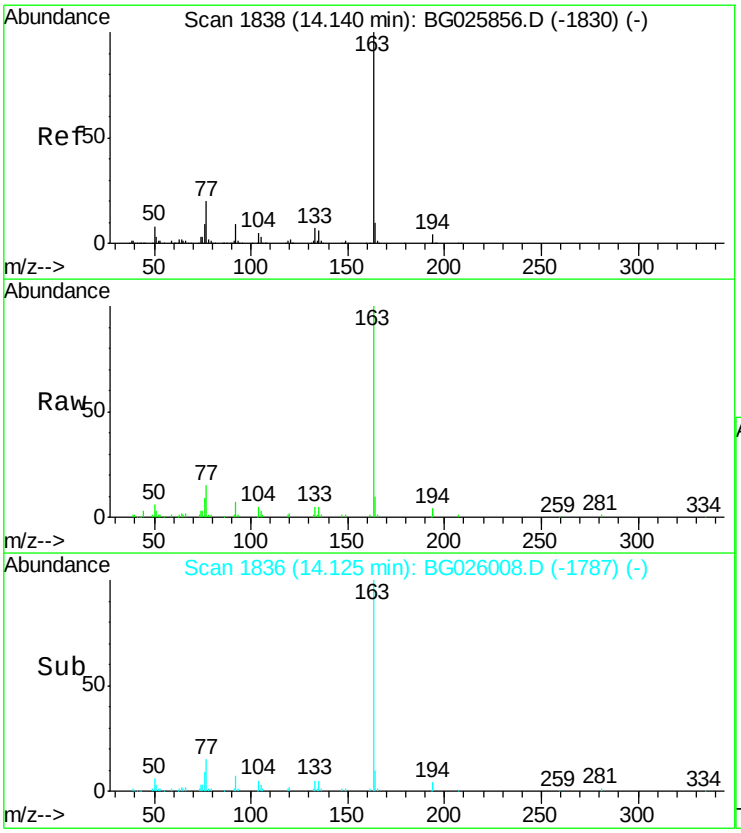
#44
2-Fluorobiphenyl
Concen: 109.92 ng
RT: 13.31 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG026008.D
Acq: 28 Feb 2017 22:18

Instrument :
BNA_G
ClientSampleId :
CPS073052

Tgt Ion:172 Resp: 1724536

Ion	Ratio	Lower	Upper
172	100		
171	38.9	32.2	48.2
170	25.8	21.8	32.6

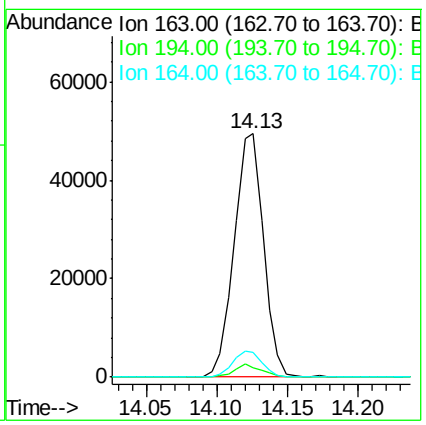


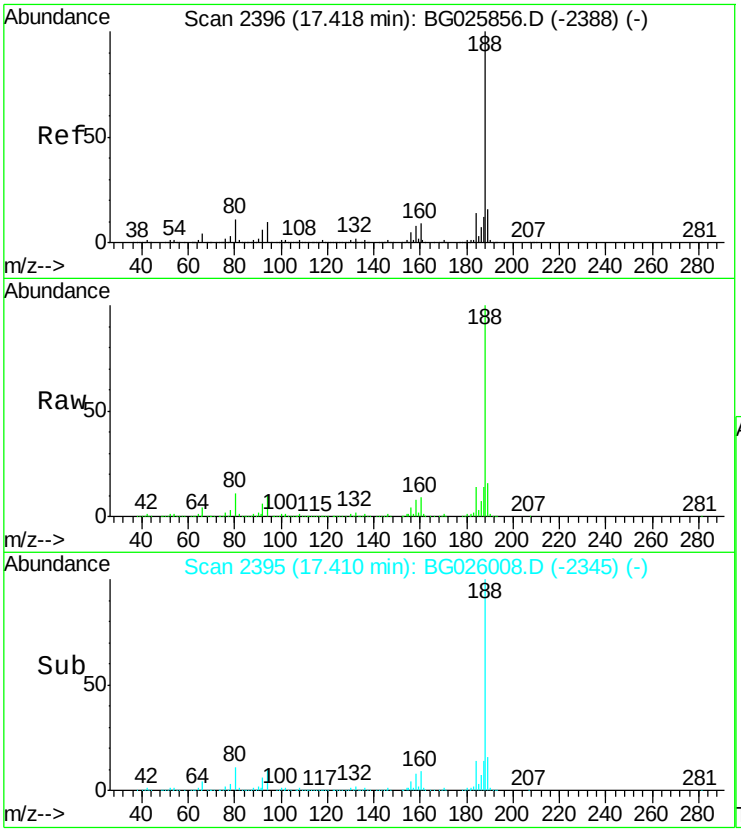


#49
Dimethylphthalate
Concen: 3.82 ng
RT: 14.13 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BG026008.D
Acq: 28 Feb 2017 22:18

Tgt Ion:163 Resp: 71828

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.8	5.6
164	10.4	9.3	13.9



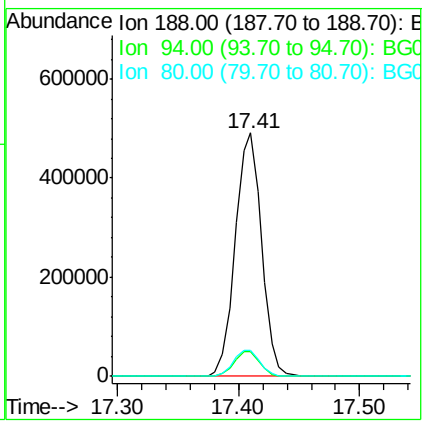


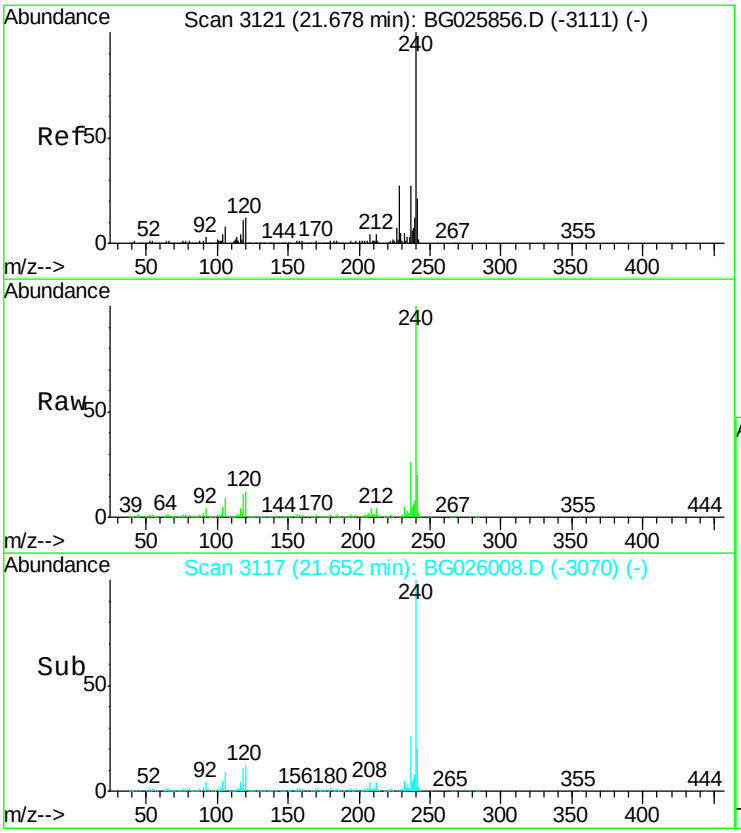
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG026008.D
Acq: 28 Feb 2017 22:18

Instrument :
BNA_G
ClientSampleId :
CPS073052

Tgt Ion:188 Resp: 743924

Ion	Ratio	Lower	Upper
188	100		
94	9.9	5.8	8.8#
80	10.8	7.5	11.3

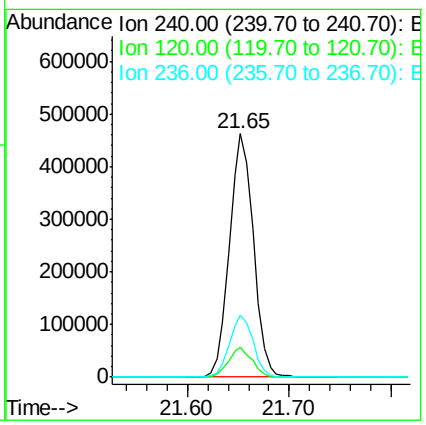


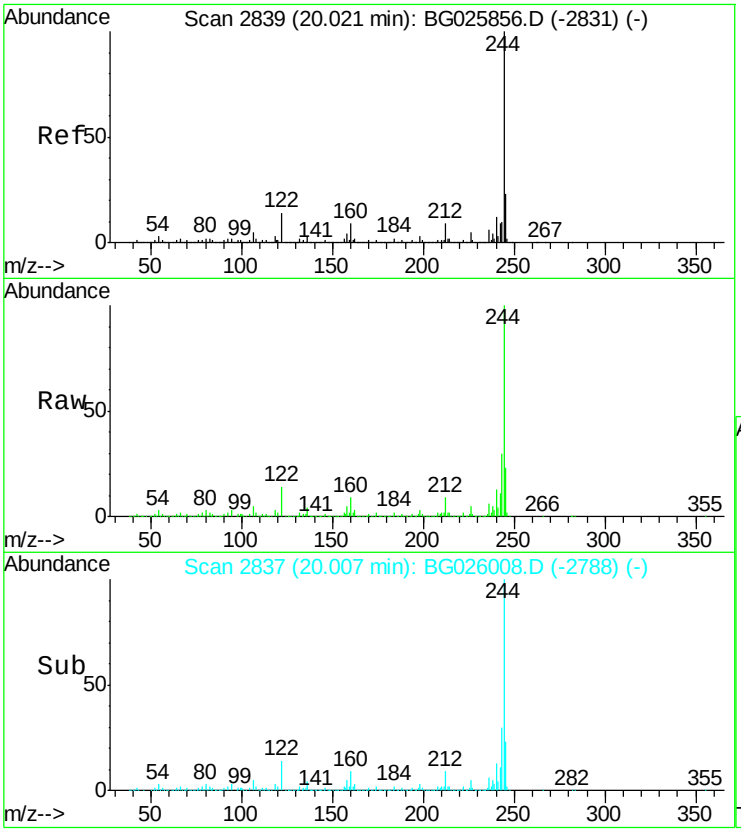


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.65 min Scan# 3117
Delta R.T. -0.03 min
Lab File: BG026008.D
Acq: 28 Feb 2017 22:18

Tgt Ion:240 Resp: 757878

Ion	Ratio	Lower	Upper
240	100		
120	12.3	5.7	8.5#
236	25.7	22.2	33.4



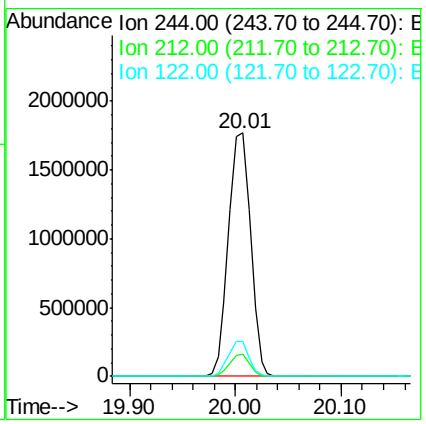


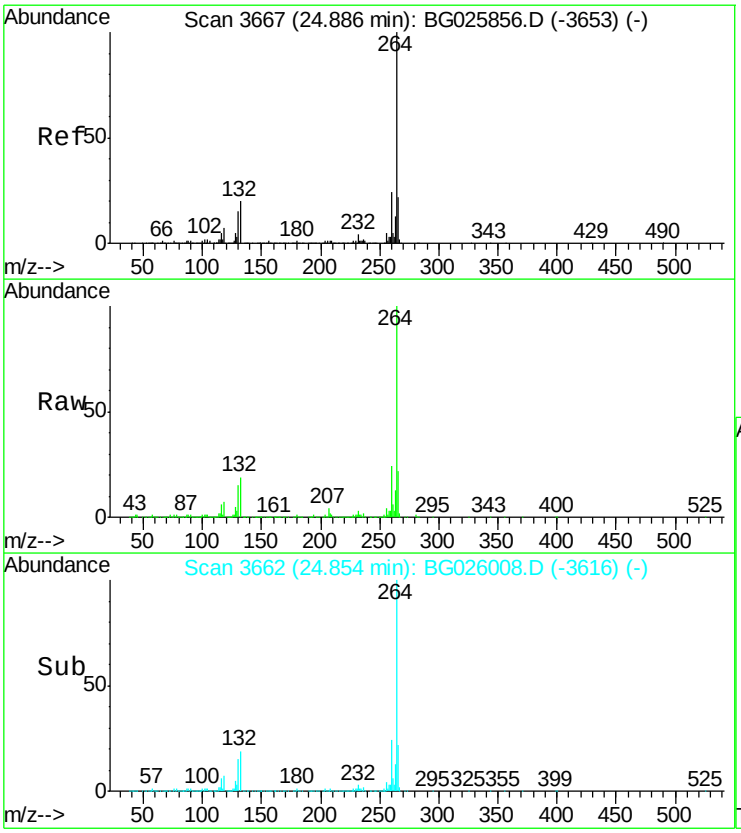
#78
Terphenyl-d14
Concen: 82.51 ng
RT: 20.01 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BG026008.D
Acq: 28 Feb 2017 22:18

Instrument :
BNA_G
ClientSampleId :
CPS073052

Tgt Ion:244 Resp: 2571231

Ion	Ratio	Lower	Upper
244	100		
212	9.0	10.0	15.0#
122	14.1	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.85 min Scan# 3662
Delta R.T. -0.03 min
Lab File: BG026008.D
Acq: 28 Feb 2017 22:18

Tgt Ion:264 Resp: 713637

Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	22.4	18.2	27.4