Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021717\
Data File : BG025861.D
Acq On : 17 Feb 2017 16:16
Operator : SJ/MA
Sample : I1880-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MANHOLE

Quant Time: Feb 17 22:26:43 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	91938	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	446145	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	325242	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	738088	20.00	ng	0.00
75) Chrysene-d12	21.67	240	768652	20.00	ng	0.00
86) Perylene-d12	24.88	264	739014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	11554	2.19	ng	0.00
7) Phenol-d6	7.23	99	12642	1.62	ng	0.00
23) Nitrobenzene-d5	9.24	82	28285	4.00	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	8823	2.94	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	87099	4.68	ng	0.00
78) Terphenyl-d14	20.02	244	114963	3.64	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.26	94	45728	5.39	ng	# 75
49) Dimethylphthalate	14.13	163	105708	4.74	ng	96

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

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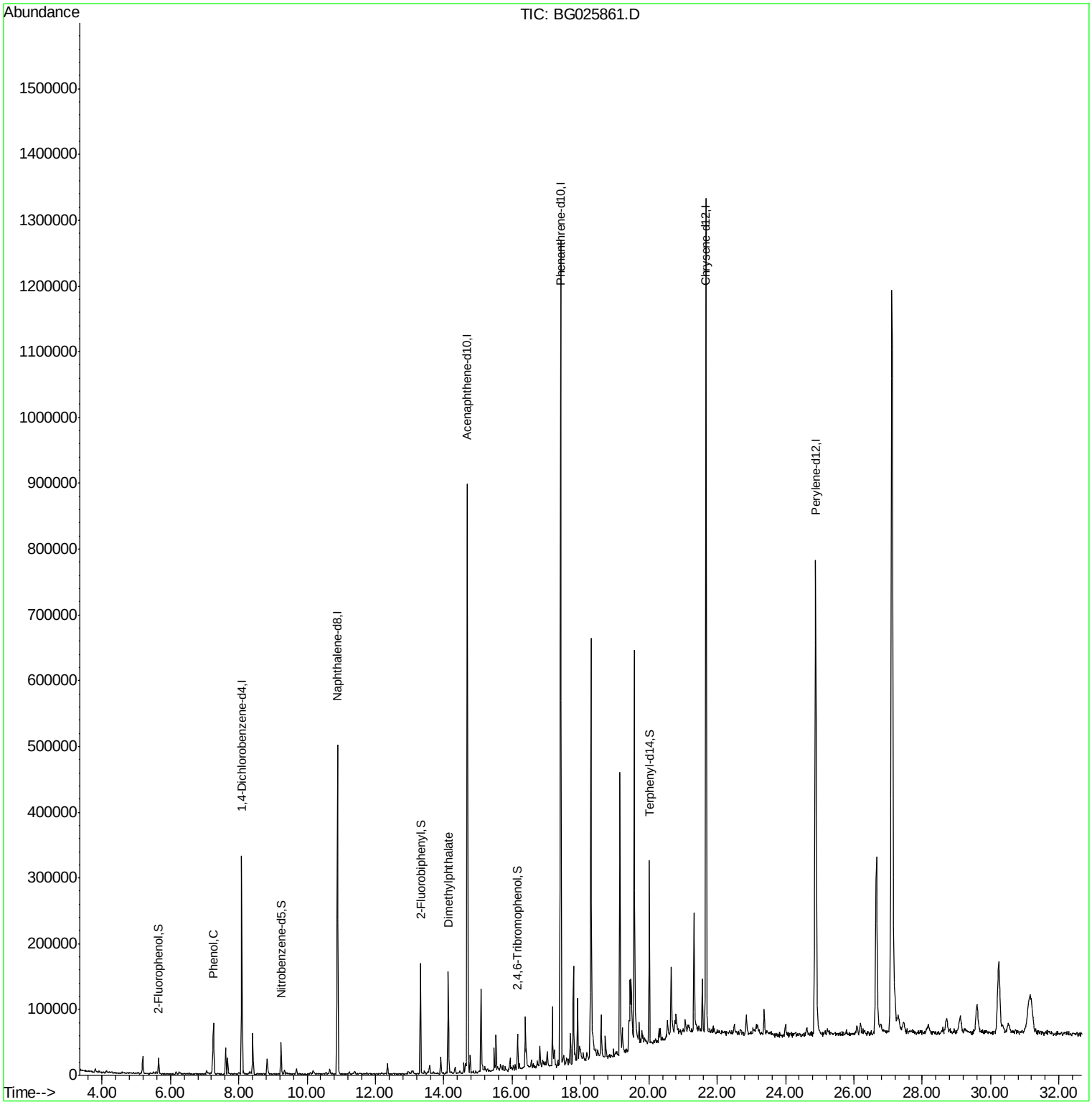
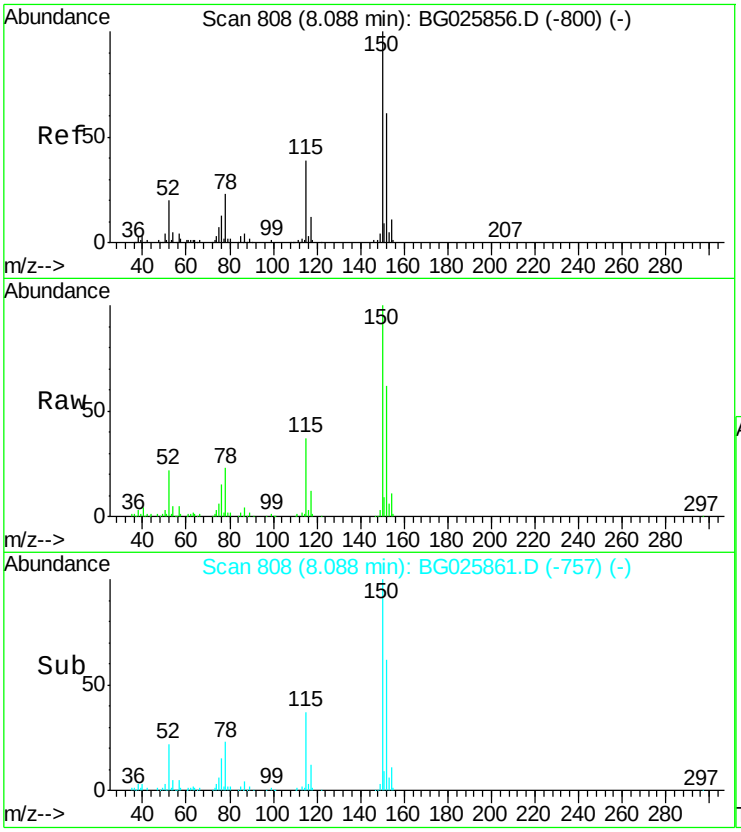


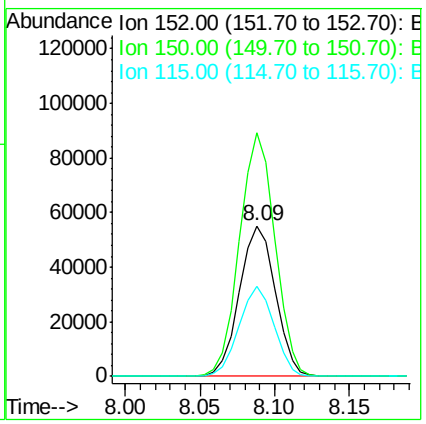


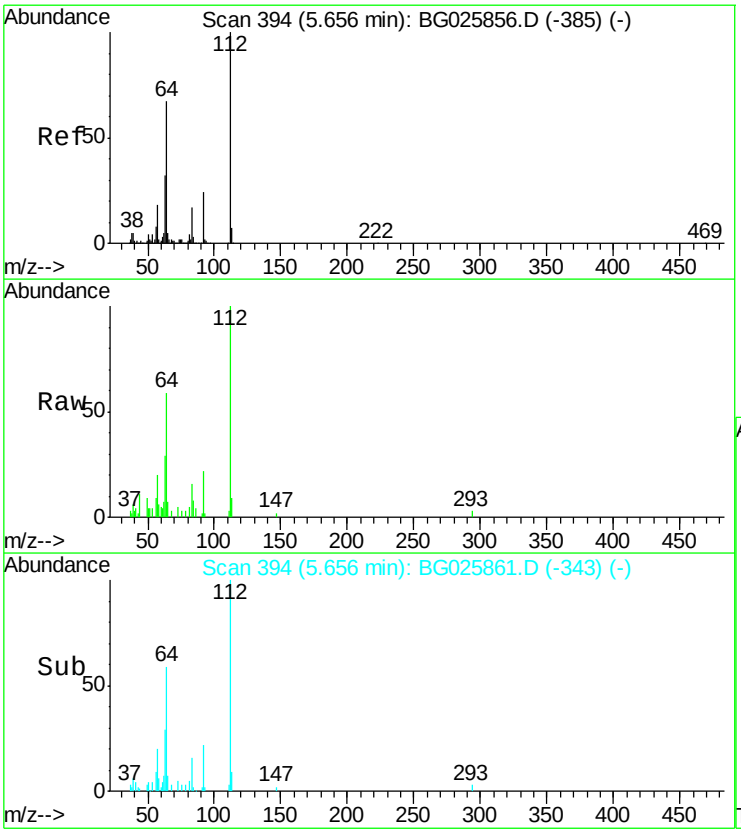
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 808
Delta R.T. 0.00 min
Lab File: BG025861.D
Acq: 17 Feb 2017 16:16

Instrument :
BNA_G
ClientSampleId :
MANHOLE

Tgt Ion:152 Resp: 91938

Ion	Ratio	Lower	Upper
152	100		
150	161.6	114.0	171.0
115	59.9	48.1	72.1

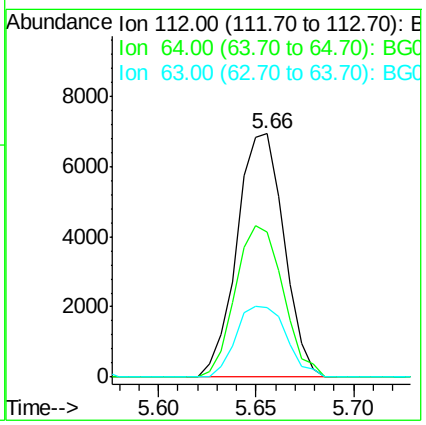


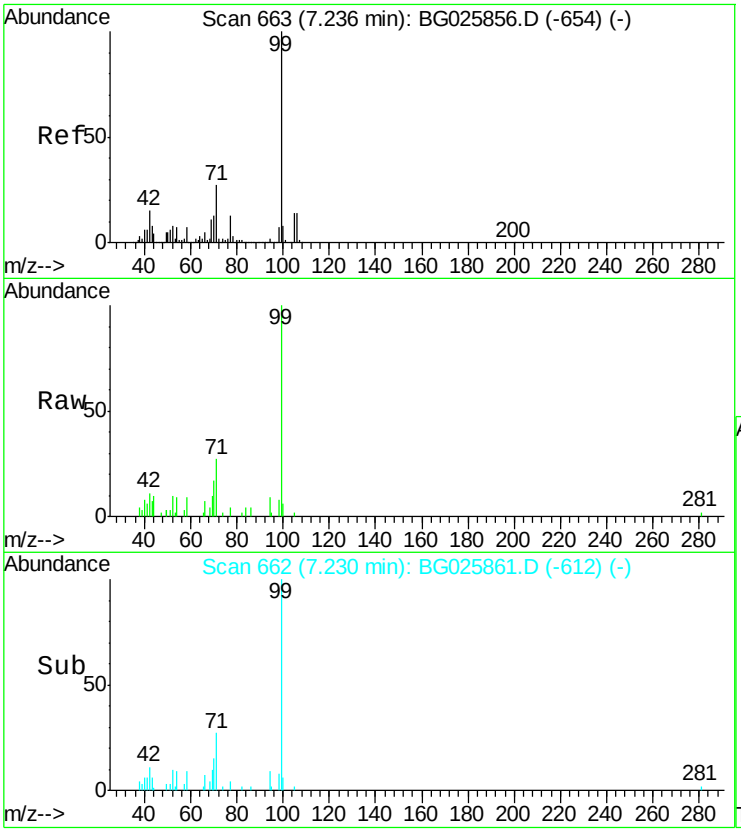


#5
2-Fluorophenol
Concen: 2.19 ng
RT: 5.66 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG025861.D
Acq: 17 Feb 2017 16:16

Tgt Ion:112 Resp: 11554

Ion	Ratio	Lower	Upper
112	100		
64	59.5	61.8	92.6#
63	28.6	37.2	55.8#



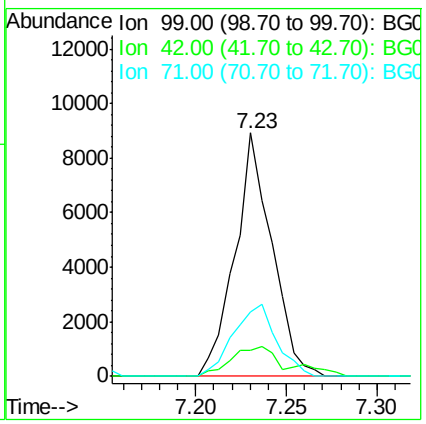


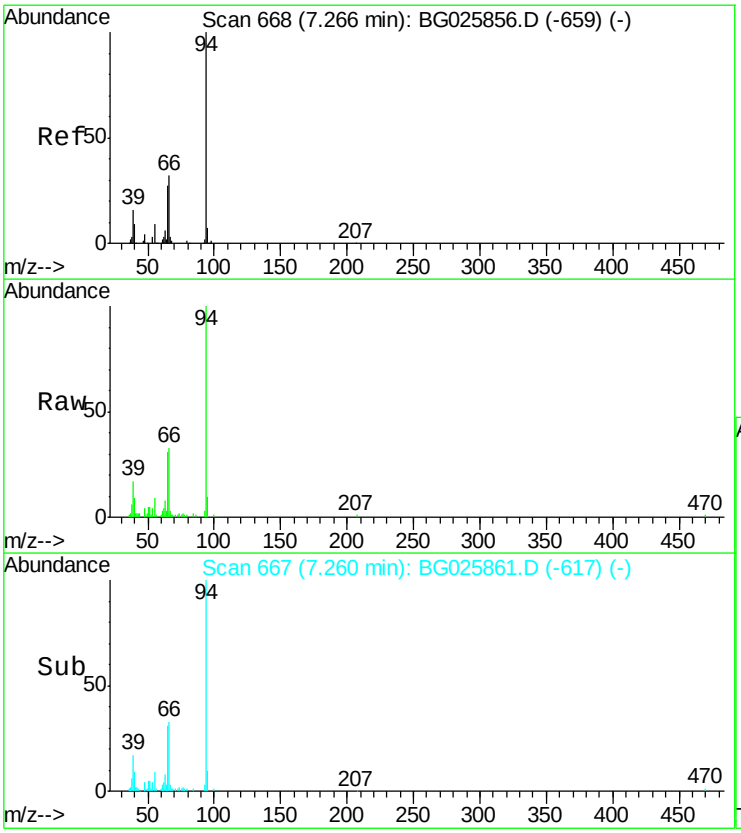
#7
Phenol-d6
Concen: 1.62 ng
RT: 7.23 min Scan# 662
Delta R.T. -0.01 min
Lab File: BG025861.D
Acq: 17 Feb 2017 16:16

Instrument :
BNA_G
ClientSampleId :
MANHOLE

Tgt Ion: 99 Resp: 12642

Ion	Ratio	Lower	Upper
99	100		
42	10.9	20.5	30.7#
71	26.7	37.6	56.4#

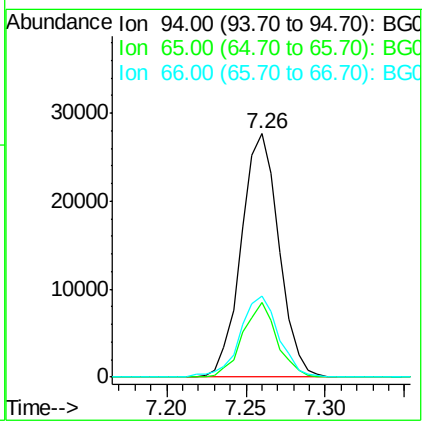


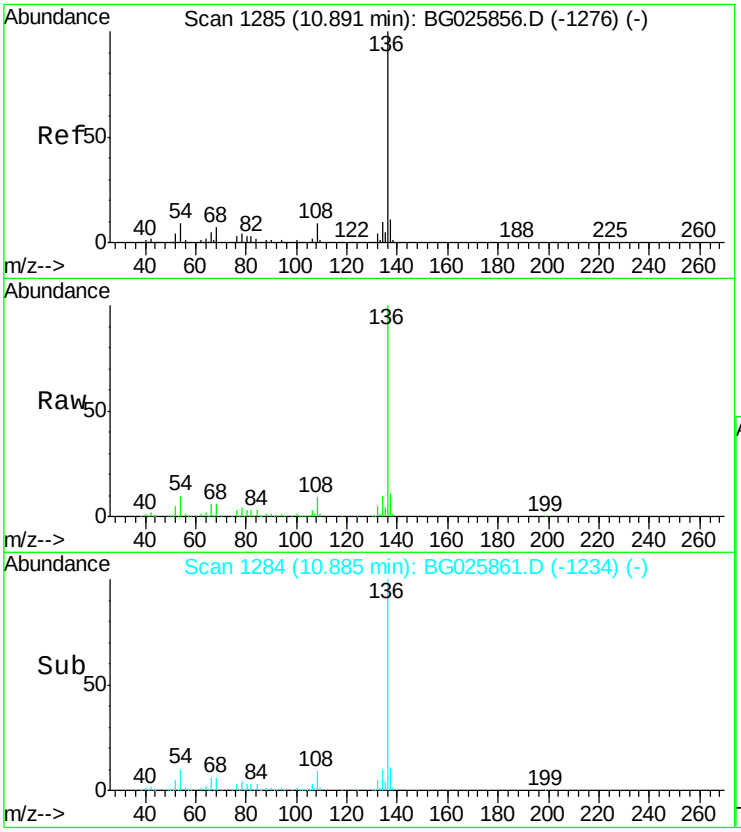


#10
Phenol
Concen: 5.39 ng
RT: 7.26 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG025861.D
Acq: 17 Feb 2017 16:16

Tgt Ion: 94 Resp: 45728

Ion	Ratio	Lower	Upper
94	100		
65	30.7	20.6	60.6
66	33.1	35.5	75.5#



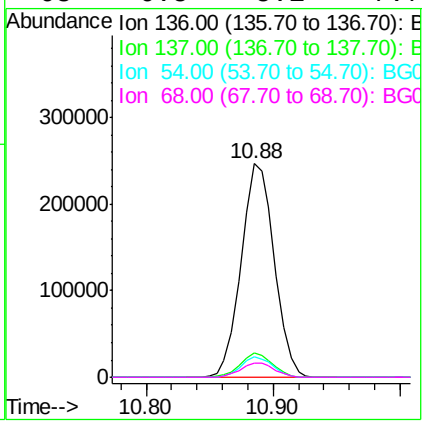


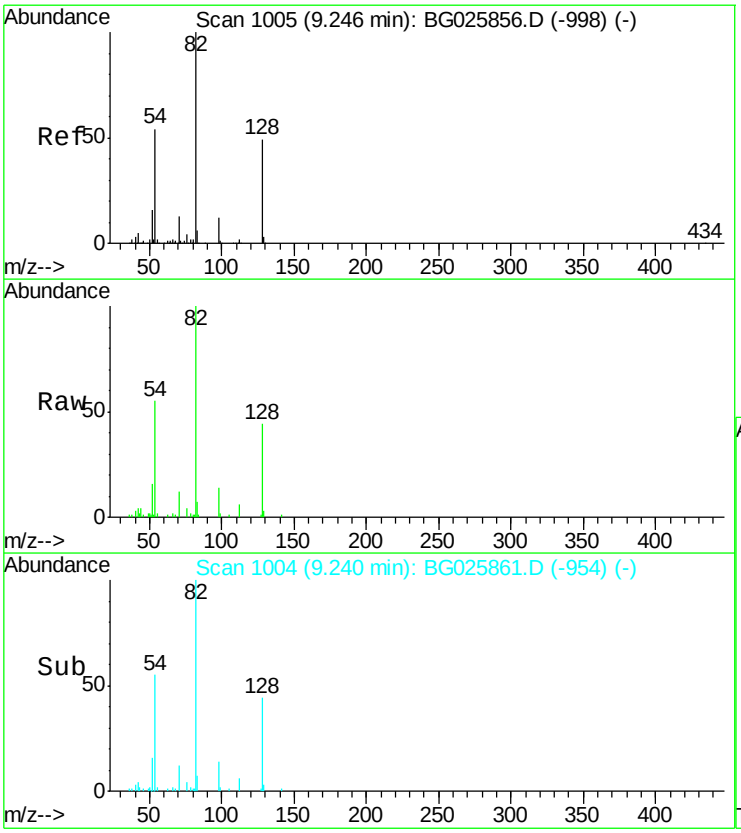
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG025861.D
Acq: 17 Feb 2017 16:16

Instrument :
BNA_G
ClientSampleId :
MANHOLE

Tgt Ion:136 Resp: 446145

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.5	9.3	13.9
68	6.5	5.1	7.7

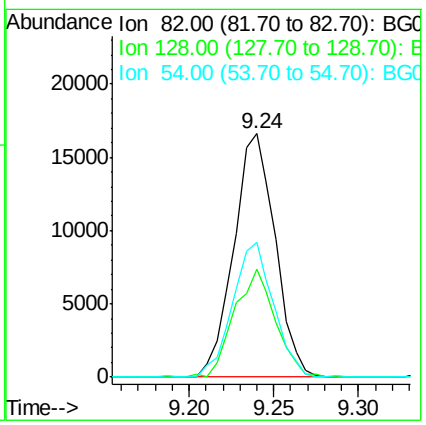


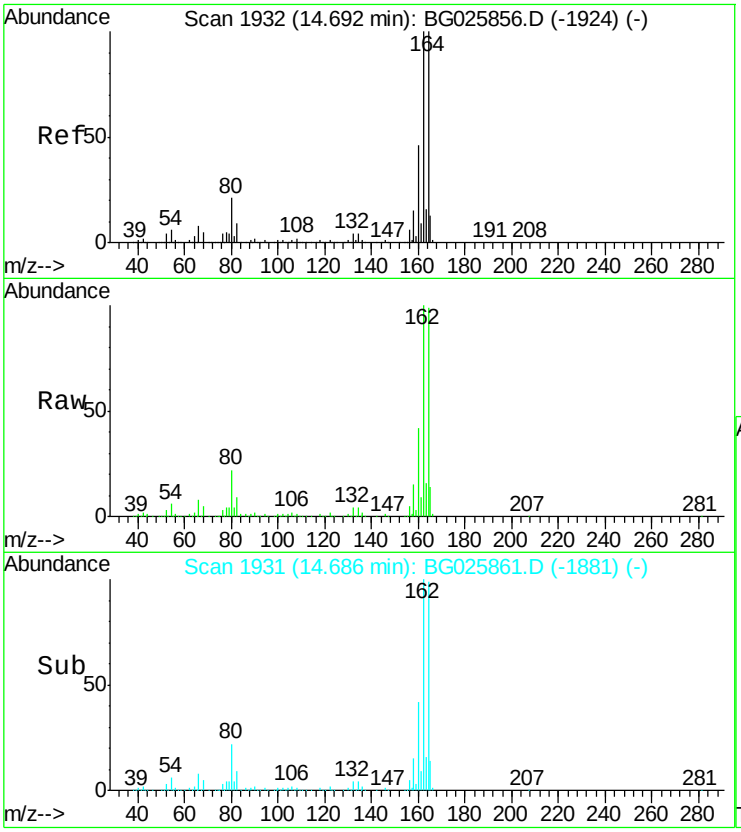


#23
Nitrobenzene-d5
Concen: 4.00 ng
RT: 9.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG025861.D
Acq: 17 Feb 2017 16:16

Tgt Ion: 82 Resp: 28285

Ion	Ratio	Lower	Upper
82	100		
128	44.5	26.4	39.6#
54	55.4	49.4	74.2



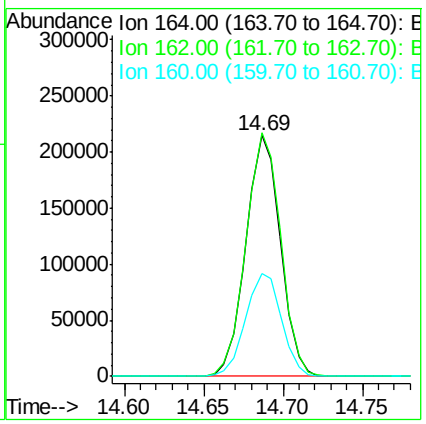


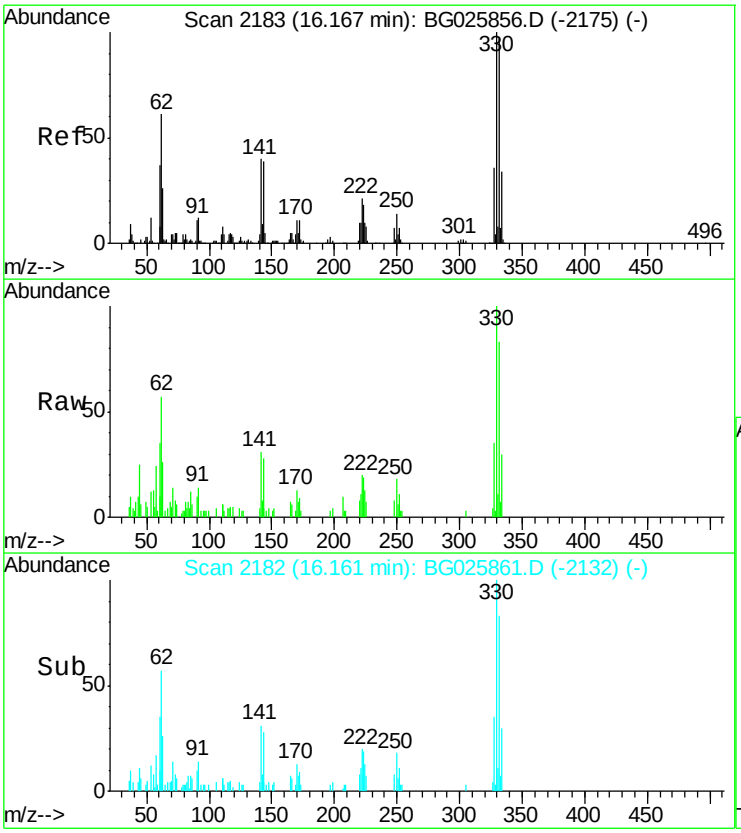
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG025861.D
Acq: 17 Feb 2017 16:16

Instrument :
BNA_G
ClientSampleId :
MANHOLE

Tgt Ion:164 Resp: 325242

Ion	Ratio	Lower	Upper
164	100		
162	101.1	85.1	127.7
160	43.0	34.7	52.1

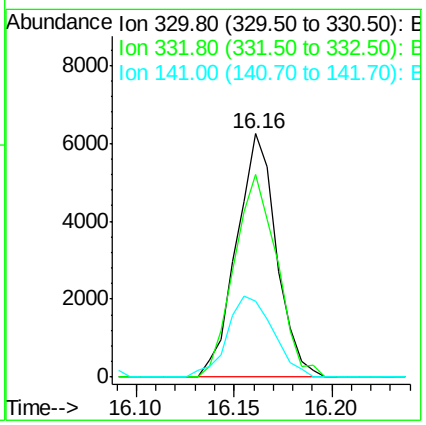


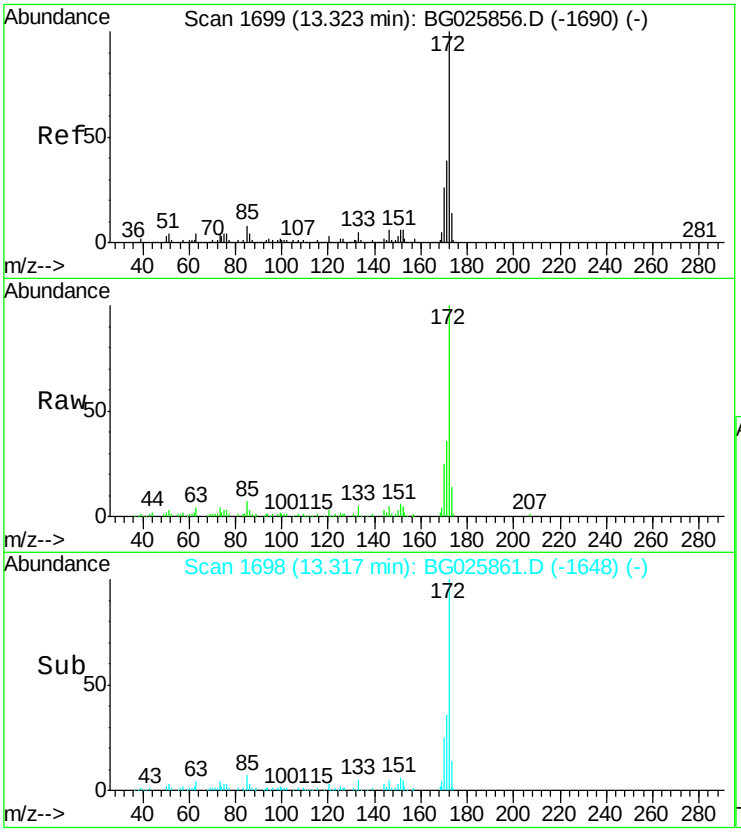


#41
2,4,6-Tribromophenol
Concen: 2.94 ng
RT: 16.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG025861.D
Acq: 17 Feb 2017 16:16

Tgt Ion:330 Resp: 8823

Ion	Ratio	Lower	Upper
330	100		
332	89.4	77.3	115.9
141	38.6	32.1	48.1



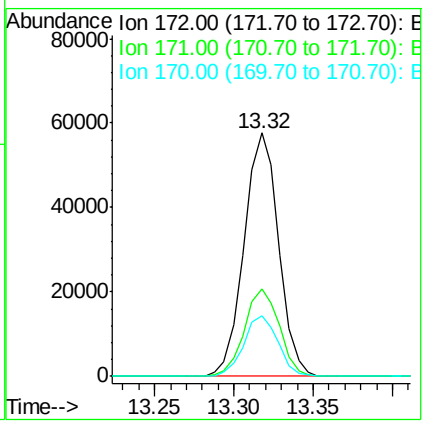


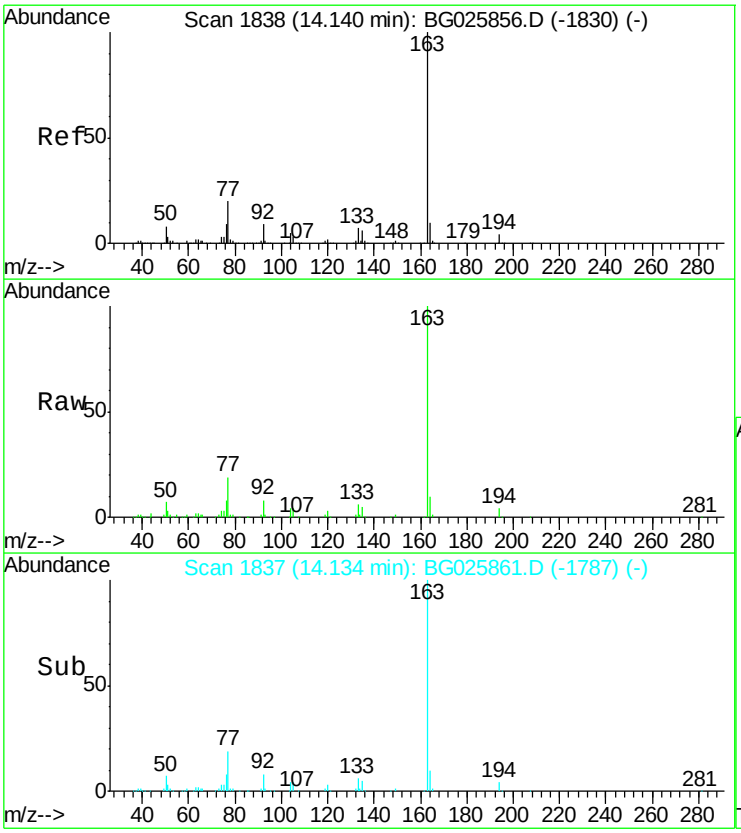
#44
2-Fluorobiphenyl
Concen: 4.68 ng
RT: 13.32 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG025861.D
Acq: 17 Feb 2017 16:16

Instrument :
BNA_G
ClientSampleId :
MANHOLE

Tgt Ion:172 Resp: 87099

Ion	Ratio	Lower	Upper
172	100		
171	36.1	32.2	48.2
170	25.0	21.8	32.6

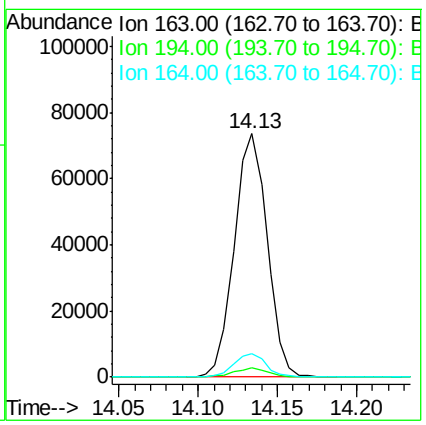


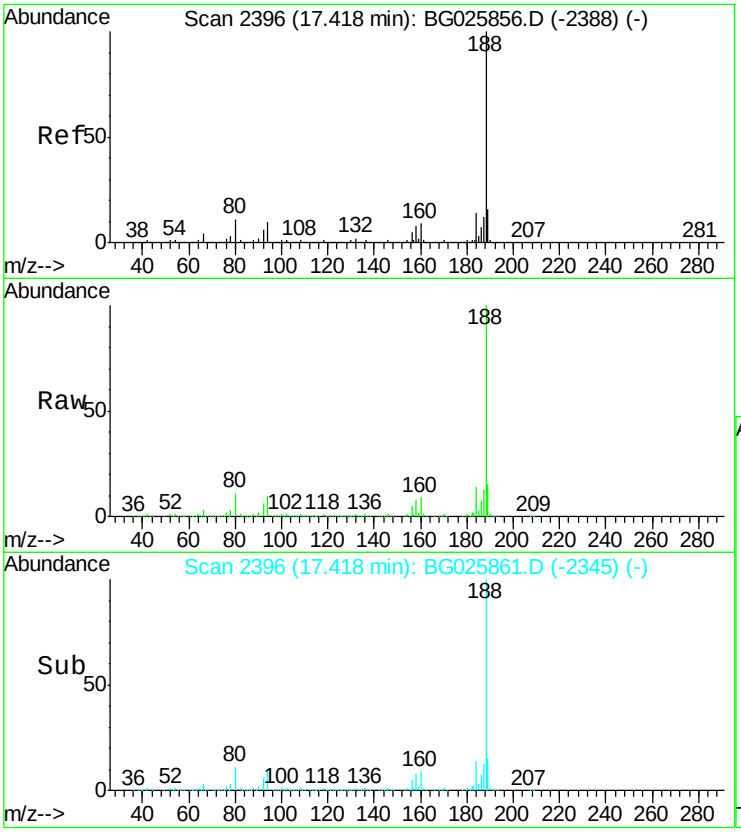


#49
Dimethylphthalate
Concen: 4.74 ng
RT: 14.13 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BG025861.D
Acq: 17 Feb 2017 16:16

Tgt Ion:163 Resp: 105708

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.8	5.6
164	9.8	9.3	13.9



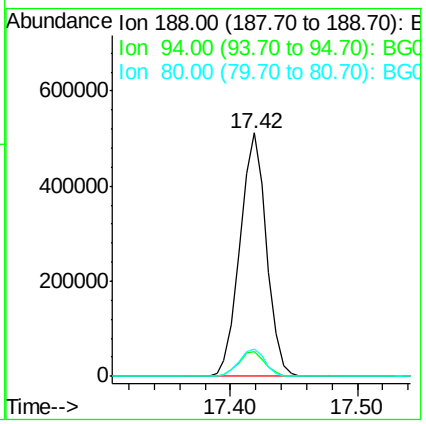


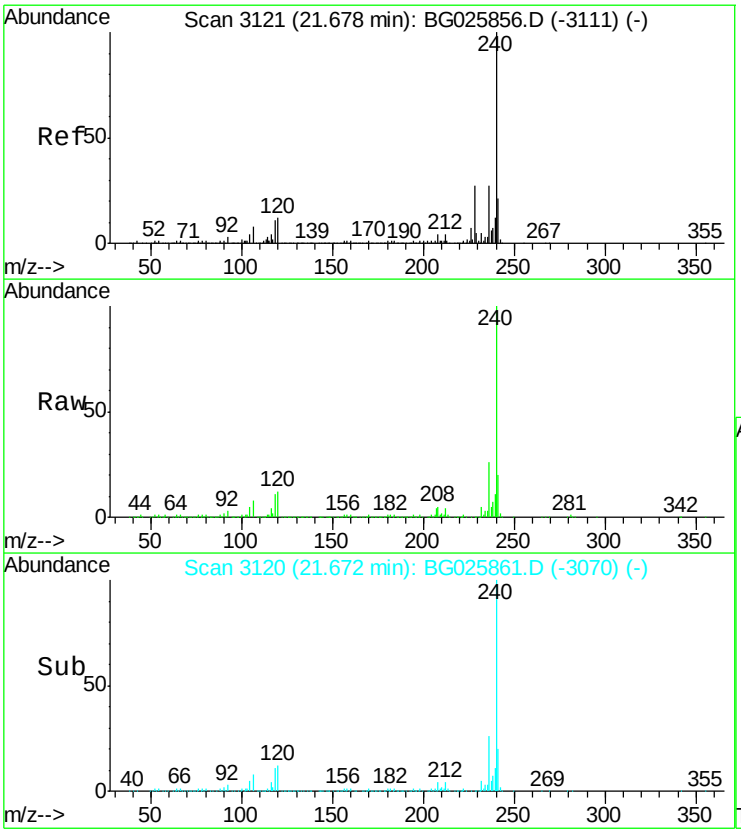
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.42 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BG025861.D
Acq: 17 Feb 2017 16:16

Instrument :
BNA_G
ClientSampleId :
MANHOLE

Tgt Ion:188 Resp: 738088

Ion	Ratio	Lower	Upper
188	100		
94	9.9	5.8	8.8#
80	11.1	7.5	11.3

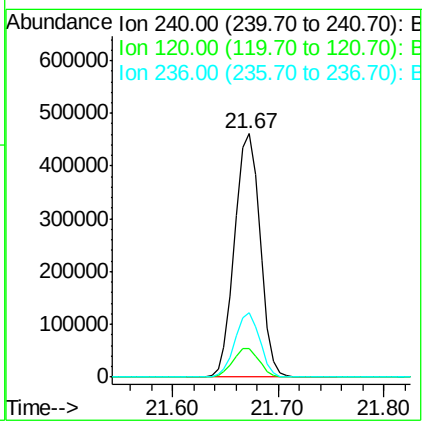


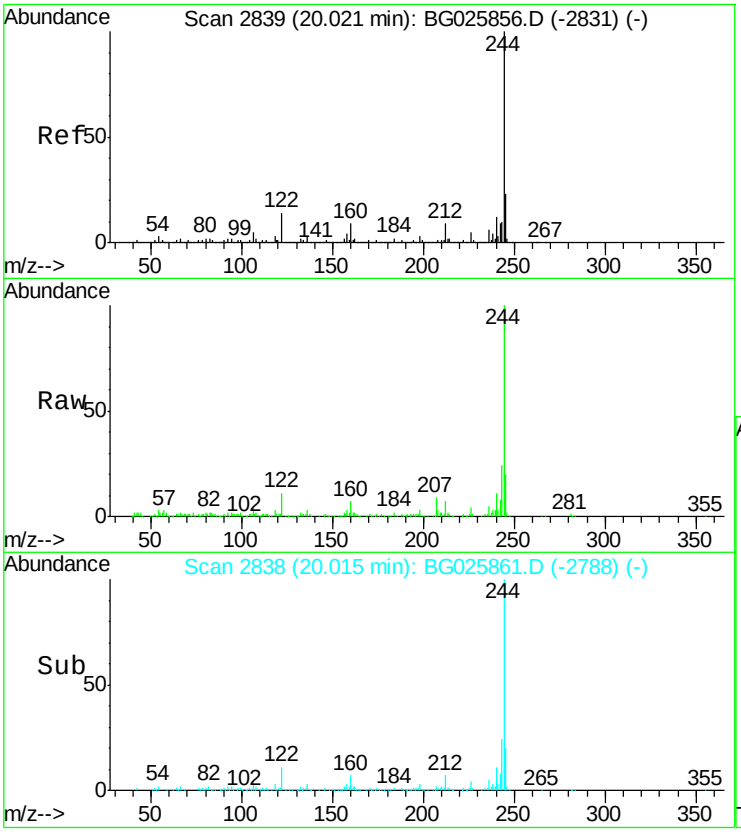


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.67 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BG025861.D
Acq: 17 Feb 2017 16:16

Tgt Ion:240 Resp: 768652

Ion	Ratio	Lower	Upper
240	100		
120	11.8	5.7	8.5#
236	26.3	22.2	33.4



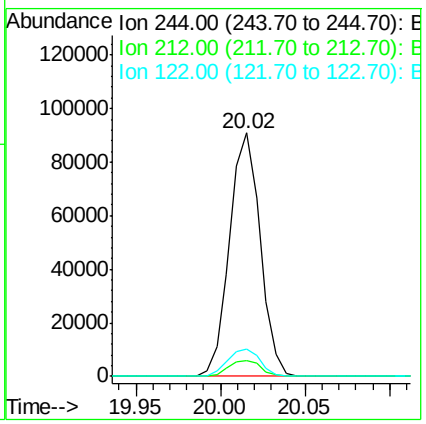


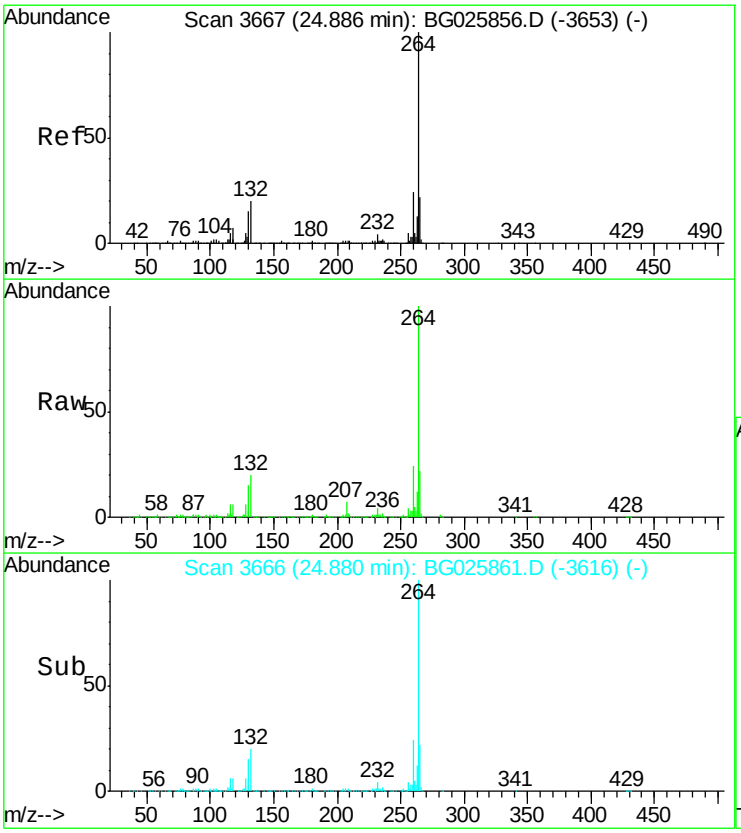
#78
Terphenyl-d14
Concen: 3.64 ng
RT: 20.02 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BG025861.D
Acq: 17 Feb 2017 16:16

Instrument :
BNA_G
ClientSampleId :
MANHOLE

Tgt Ion:244 Resp: 114963

Ion	Ratio	Lower	Upper
244	100		
212	6.6	10.0	15.0#
122	11.0	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.88 min Scan# 3666
Delta R.T. -0.01 min
Lab File: BG025861.D
Acq: 17 Feb 2017 16:16

Tgt Ion:264 Resp: 739014

Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	21.7	18.2	27.4