Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
Data File : BG032686.D
Acq On : 14 Feb 2018 18:15
Operator : SJ/JU
Sample : J1540-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB-4-LINE-NW@2.5

Quant Time: Feb 15 04:03:54 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	23131	20.00	ng		-0.02
21) Naphthalene-d8	11.53	136	85749	20.00	ng		-0.02
38) Acenaphthene-d10	15.29	164	84728	20.00	ng		-0.02
63) Phenanthrene-d10	18.03	188	251752	20.00	ng		-0.02
75) Chrysene-d12	22.35	240	345829	20.00	ng		-0.02
86) Perylene-d12	25.98	264	358323	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	6.10	112	129655	112.46	ng		-0.02
7) Phenol-d6	7.78	99	180312	114.38	ng		-0.02
23) Nitrobenzene-d5	9.85	82	128362	95.14	ng		-0.02
41) 2,4,6-Tribromophenol	16.77	330	212310	162.74	ng		-0.02
44) 2-Fluorobiphenyl	13.92	172	511121	75.44	ng		-0.01
78) Terphenyl-d14	20.57	244	1183161	77.98	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.81	94	11323	7.385	ng		80
49) Dimethylphthalate	14.72	163	46804	6.391	ng	#	95

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

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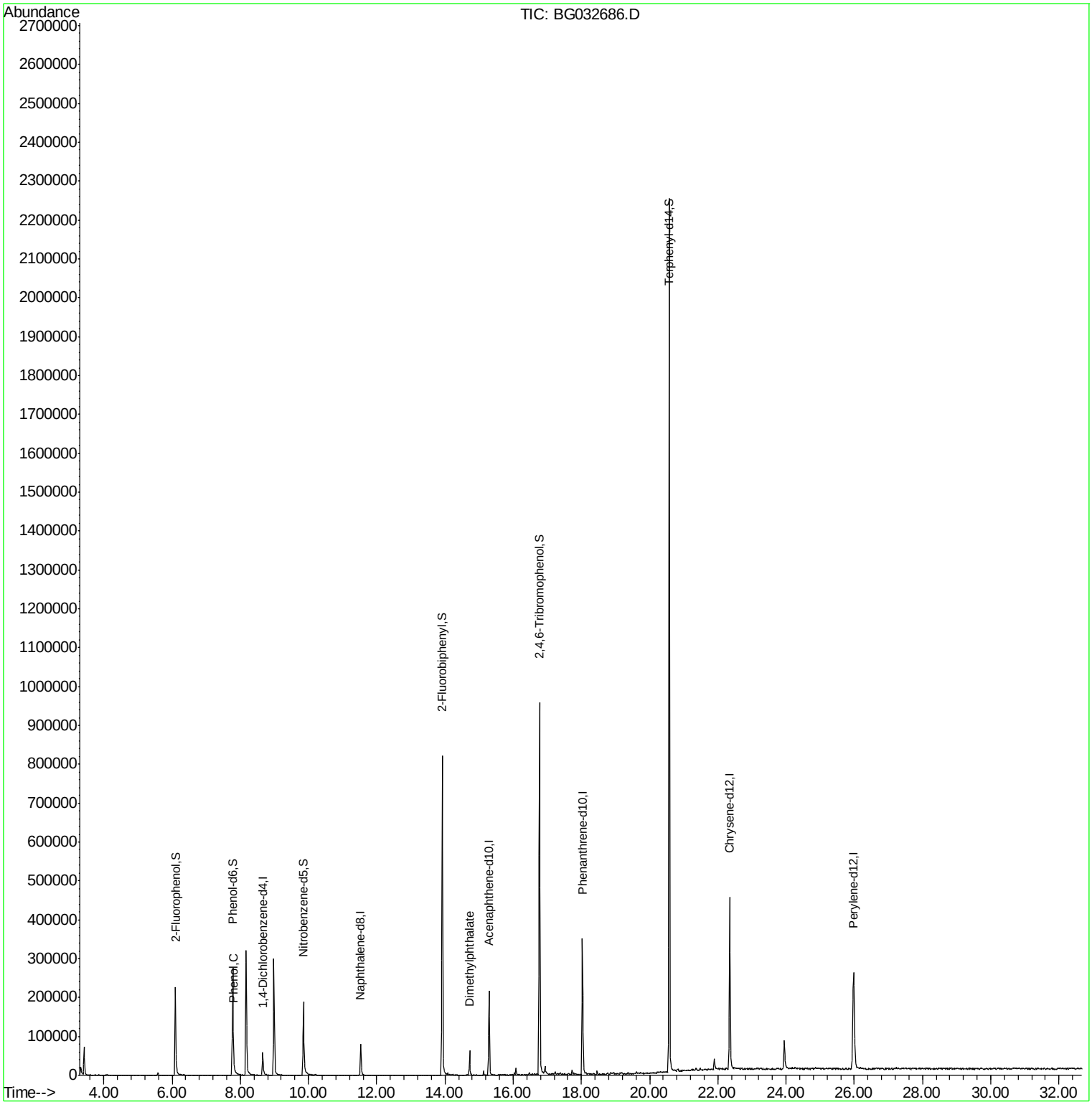
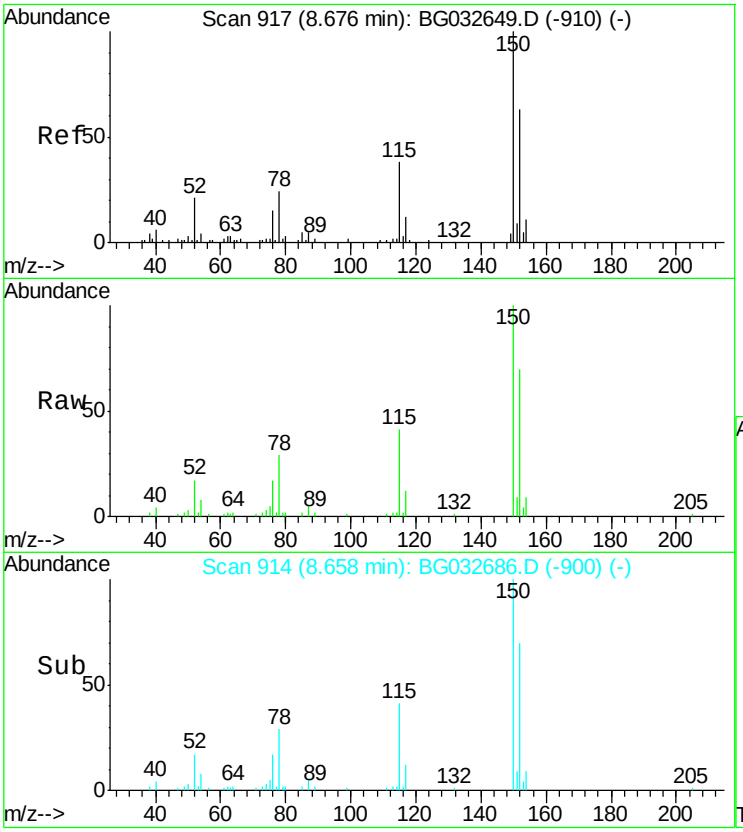


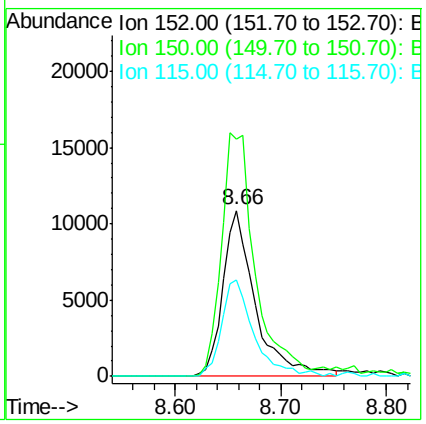


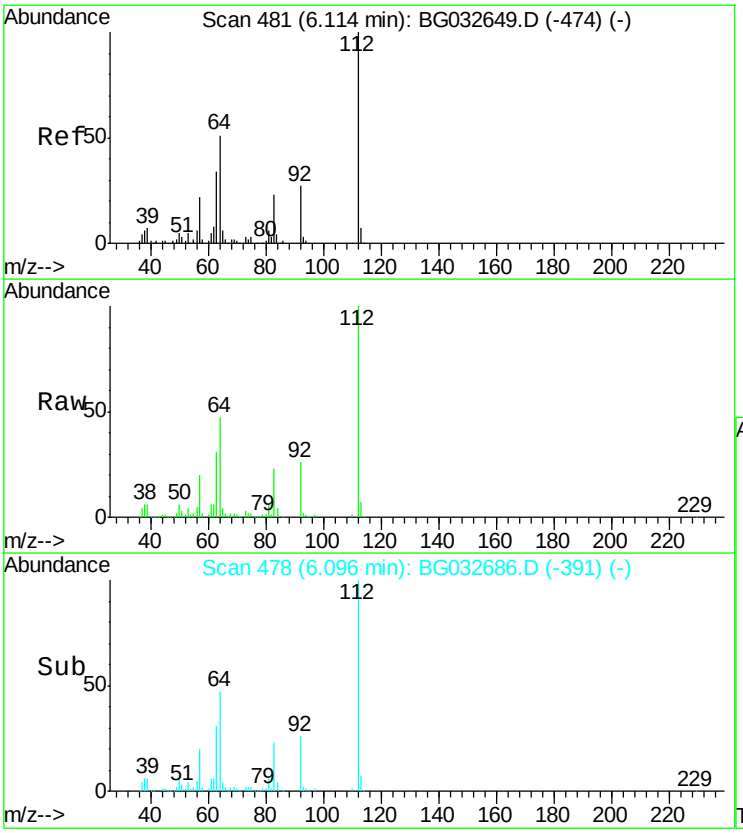
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.66 min Scan# 914
Delta R.T. -0.02 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Instrument :
BNA_G
ClientSampleId :
CB-4-LINE-NW@2.5

Tgt Ion:152 Resp: 23131

Ion	Ratio	Lower	Upper
152	100		
150	143.4	126.6	189.8
115	58.2	53.0	79.4

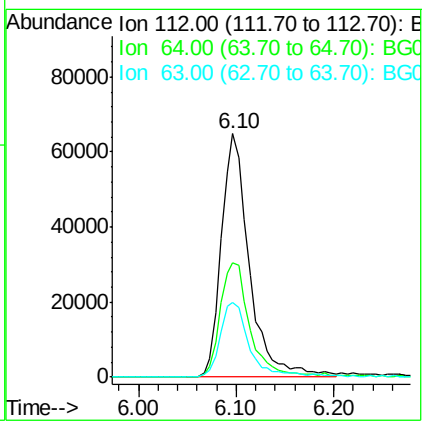


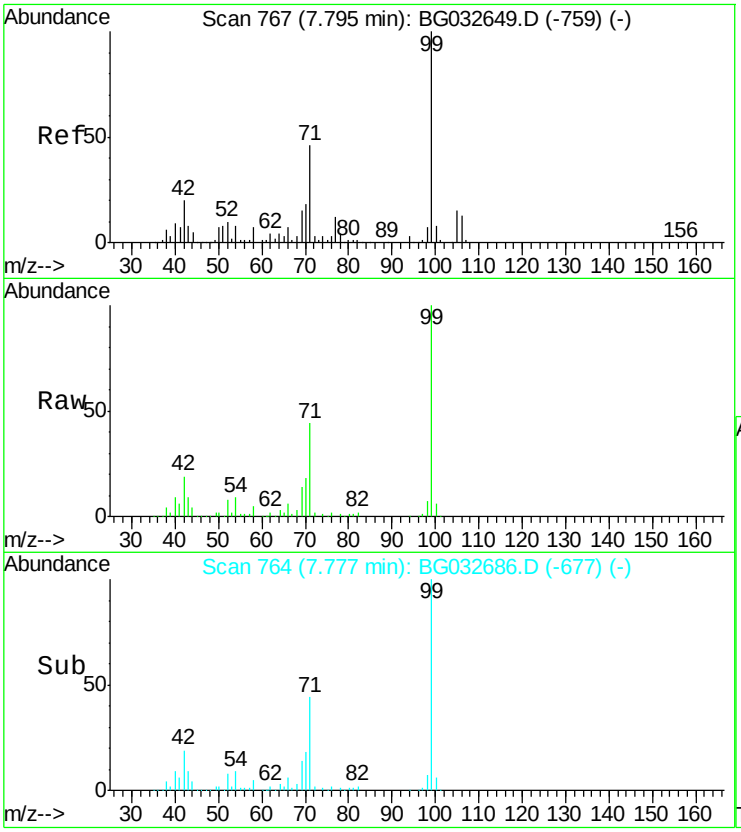


#5
2-Fluorophenol
Concen: 112.461 ng
RT: 6.10 min Scan# 478
Delta R.T. -0.02 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Tgt Ion:112 Resp: 129655

Ion	Ratio	Lower	Upper
112	100		
64	47.2	56.3	84.5#
63	30.5	30.1	45.1



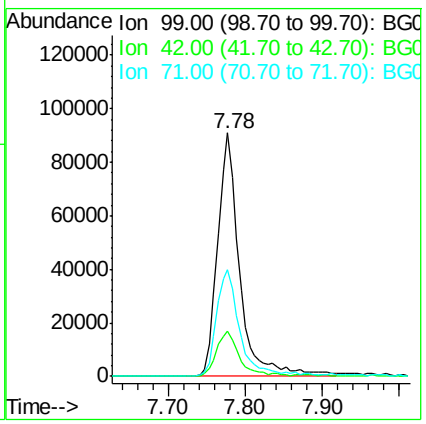


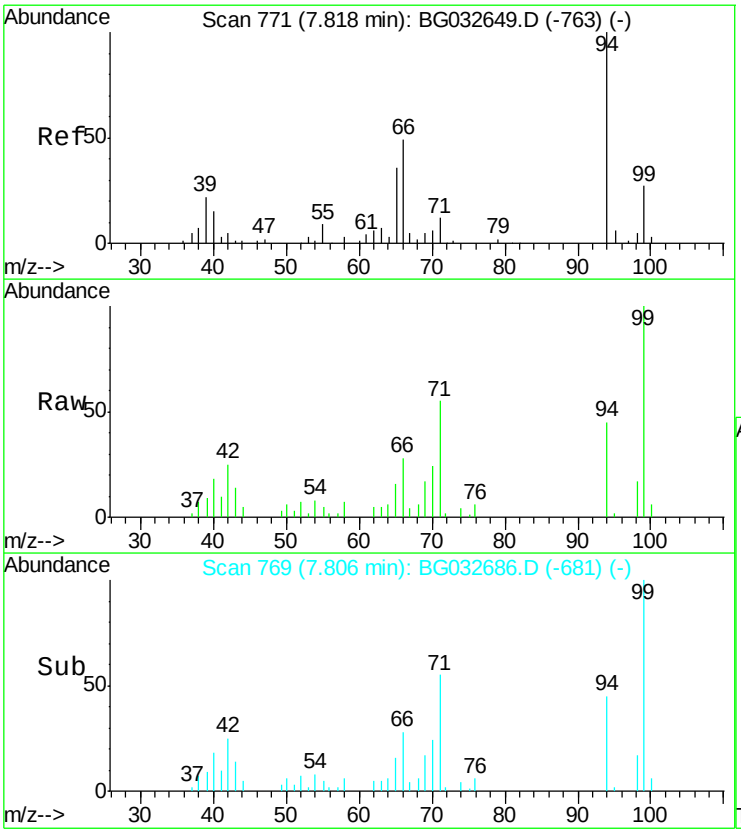
#7
Phenol-d6
Concen: 114.378 ng
RT: 7.78 min Scan# 764
Delta R.T. -0.02 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Instrument :
BNA_G
ClientSampleId :
CB-4-LINE-NW@2.5

Tgt Ion: 99 Resp: 180312

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.1	21.1
71	43.9	26.1	39.1#

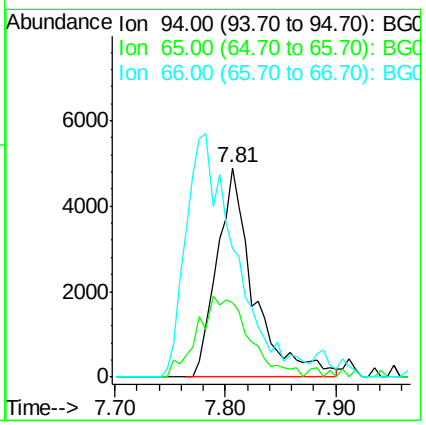


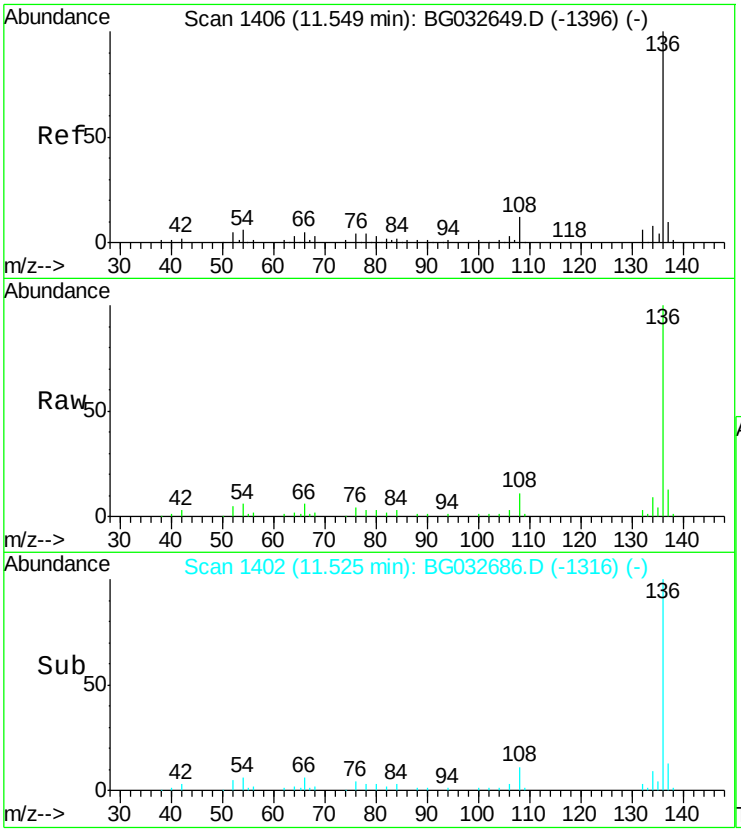


#10
Phenol
Concen: 7.385 ng
RT: 7.81 min Scan# 769
Delta R.T. -0.01 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Tgt Ion: 94 Resp: 11323

Ion	Ratio	Lower	Upper
94	100		
65	35.6	11.9	51.9
66	61.3	22.2	62.2



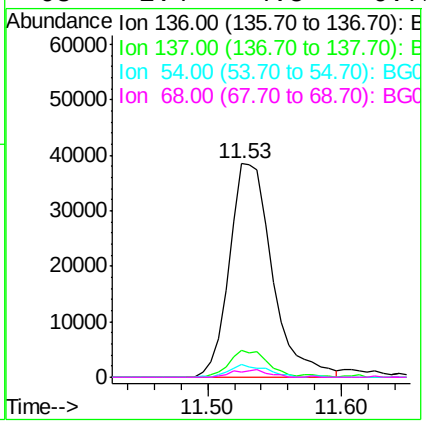


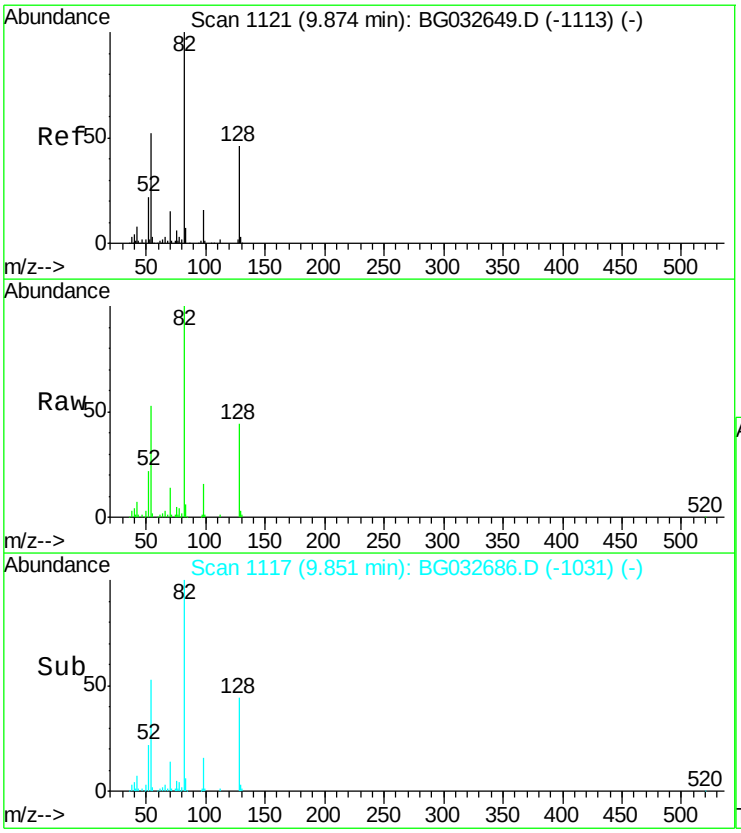
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.53 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Instrument :
BNA_G
ClientSampleId :
CB-4-LINE-NW@2.5

Tgt Ion:136 Resp: 85749

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.2	13.8
54	5.8	10.3	15.5#
68	2.4	4.5	6.7#

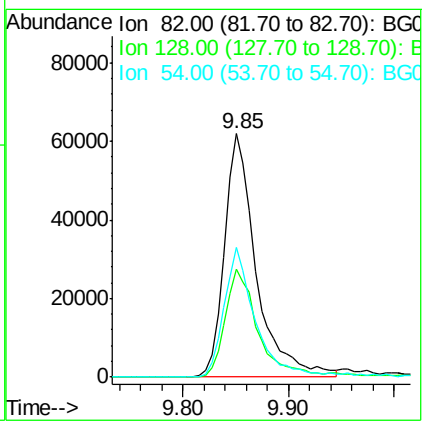


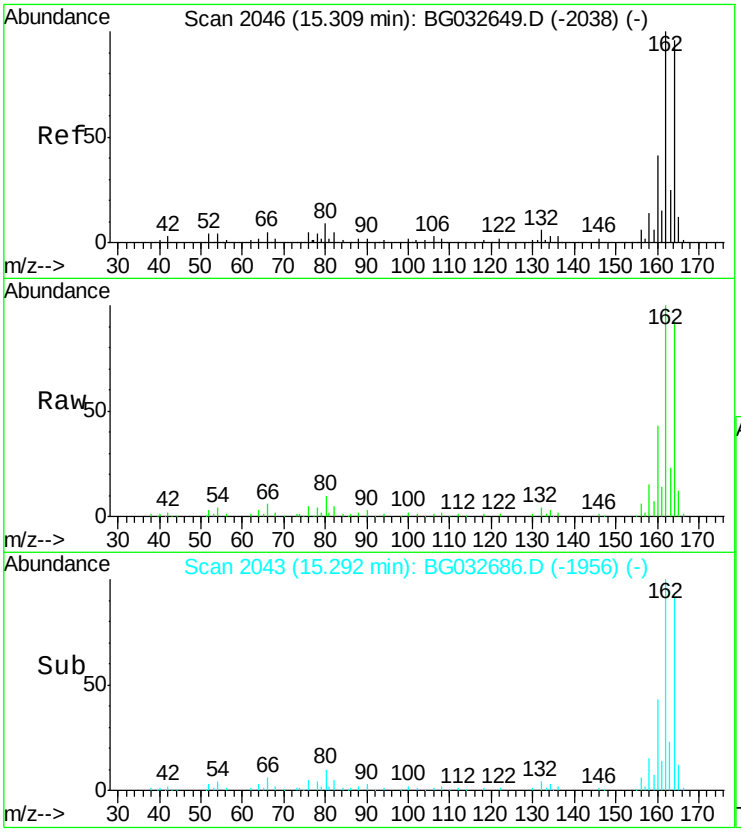


#23
Nitrobenzene-d5
Concen: 95.139 ng
RT: 9.85 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Tgt Ion: 82 Resp: 128362

Ion	Ratio	Lower	Upper
82	100		
128	44.1	29.7	44.5
54	53.4	43.1	64.7



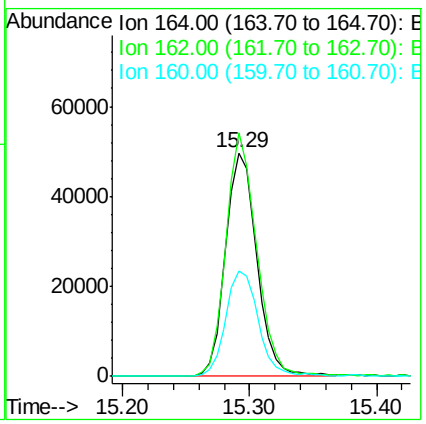


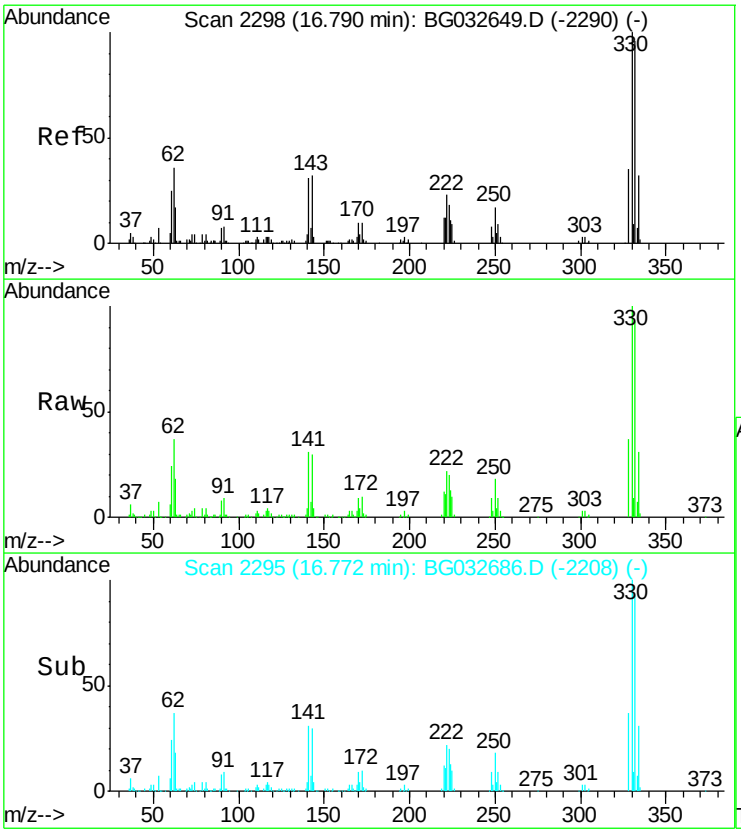
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.29 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Instrument :
BNA_G
ClientSampleId :
CB-4-LINE-NW@2.5

Tgt Ion:164 Resp: 84728

Ion	Ratio	Lower	Upper
164	100		
162	108.8	78.8	118.2
160	46.9	35.4	53.0

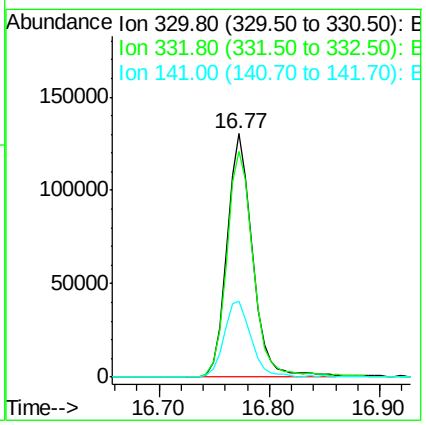


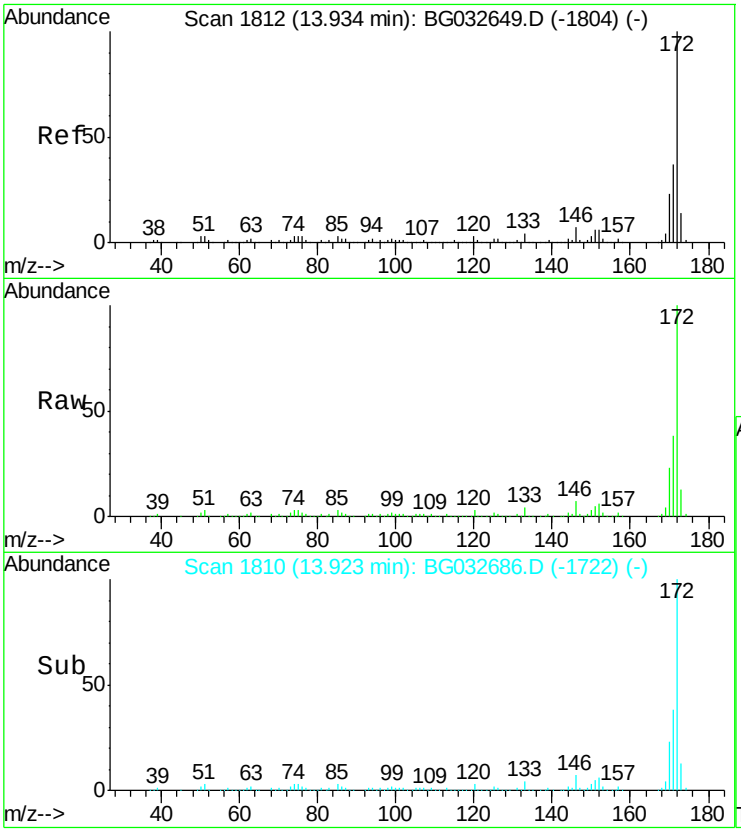


#41
2,4,6-Tribromophenol
Concen: 162.735 ng
RT: 16.77 min Scan# 2295
Delta R.T. -0.02 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Tgt Ion:330 Resp: 212310

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	32.7	25.2	37.8



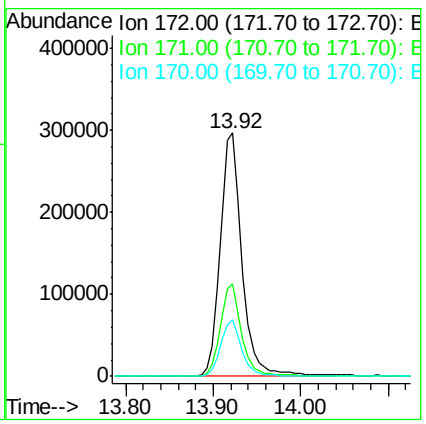


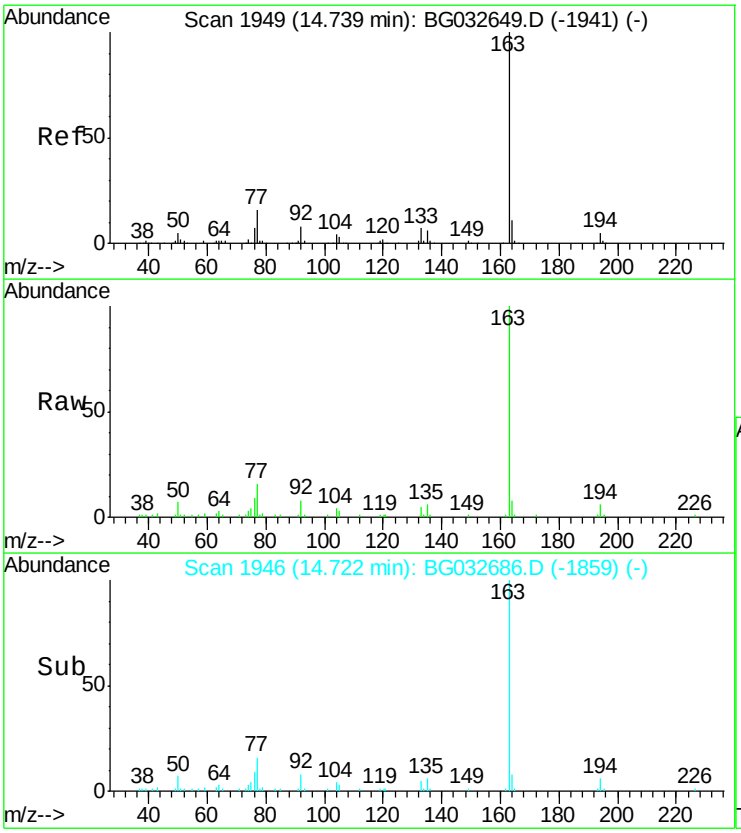
#44
2-Fluorobiphenyl
Concen: 75.438 ng
RT: 13.92 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Instrument :
BNA_G
ClientSampleId :
CB-4-LINE-NW@2.5

Tgt Ion:172 Resp: 511121

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	23.2	19.5	29.3

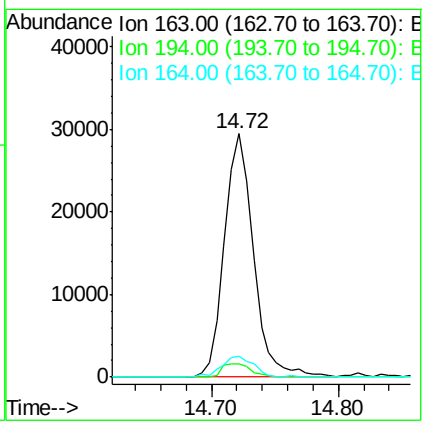


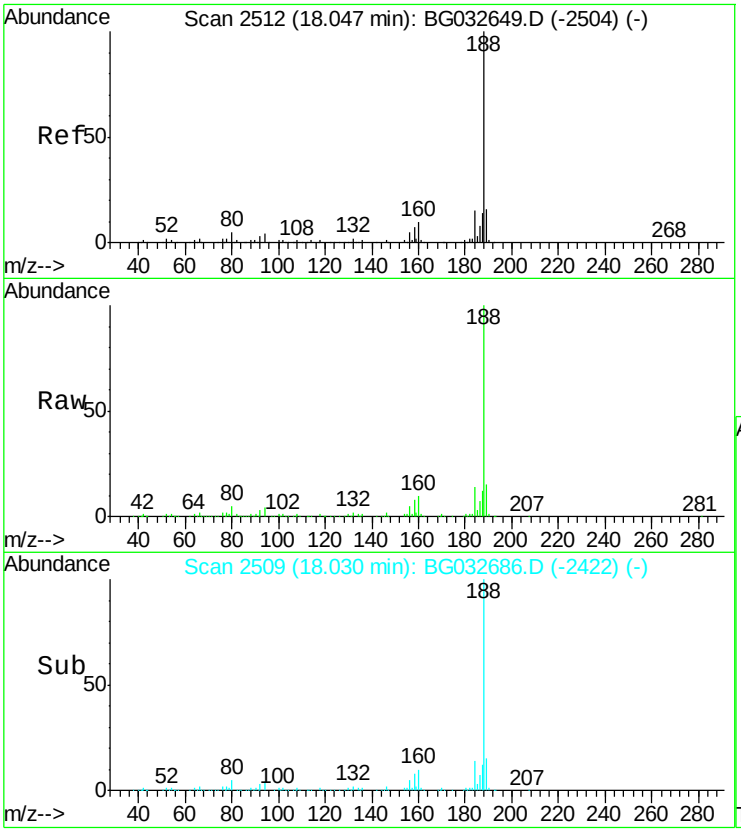


#49
Dimethylphthalate
Concen: 6.391 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Tgt Ion:163 Resp: 46804

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.4	5.2#
164	8.4	8.2	12.4



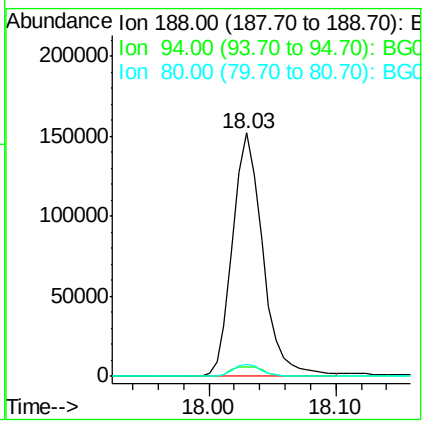


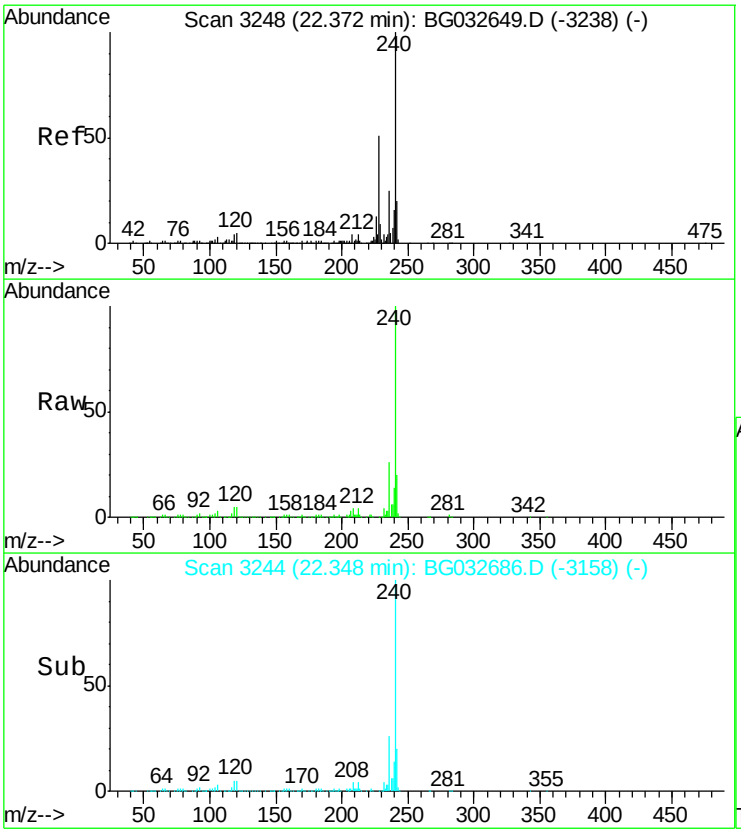
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.03 min Scan# 2509
Delta R.T. -0.02 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Instrument :
BNA_G
ClientSampleId :
CB-4-LINE-NW@2.5

Tgt Ion:188 Resp: 251752

Ion	Ratio	Lower	Upper
188	100		
94	4.1	6.9	10.3#
80	4.9	7.7	11.5#

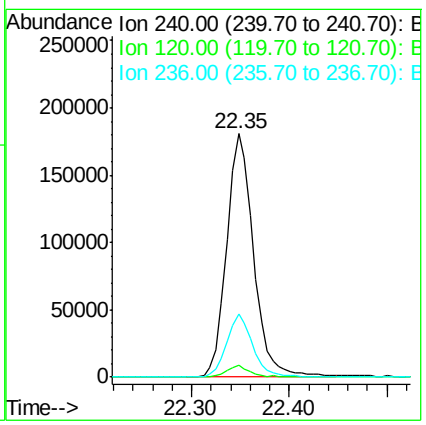


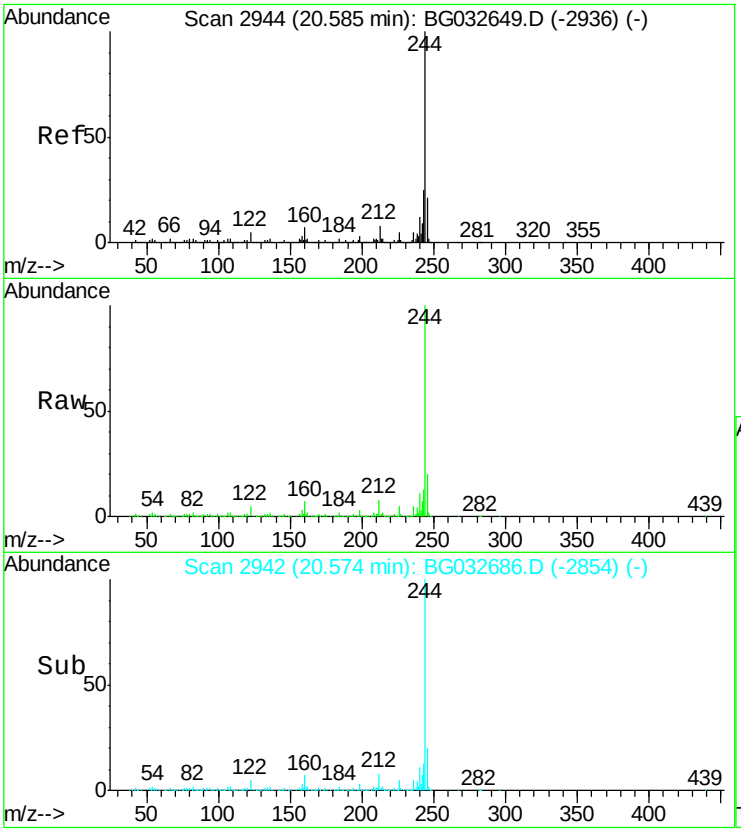


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.35 min Scan# 3244
Delta R.T. -0.02 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Tgt Ion:240 Resp: 345829

Ion	Ratio	Lower	Upper
240	100		
120	4.9	6.8	10.2#
236	25.9	20.9	31.3



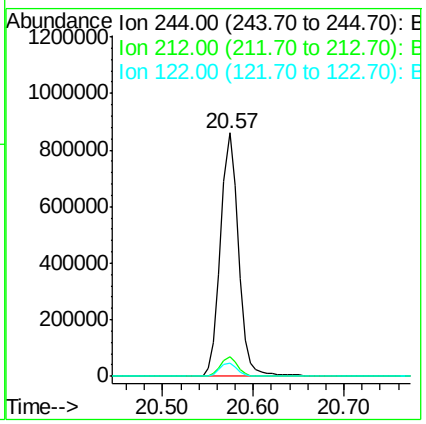


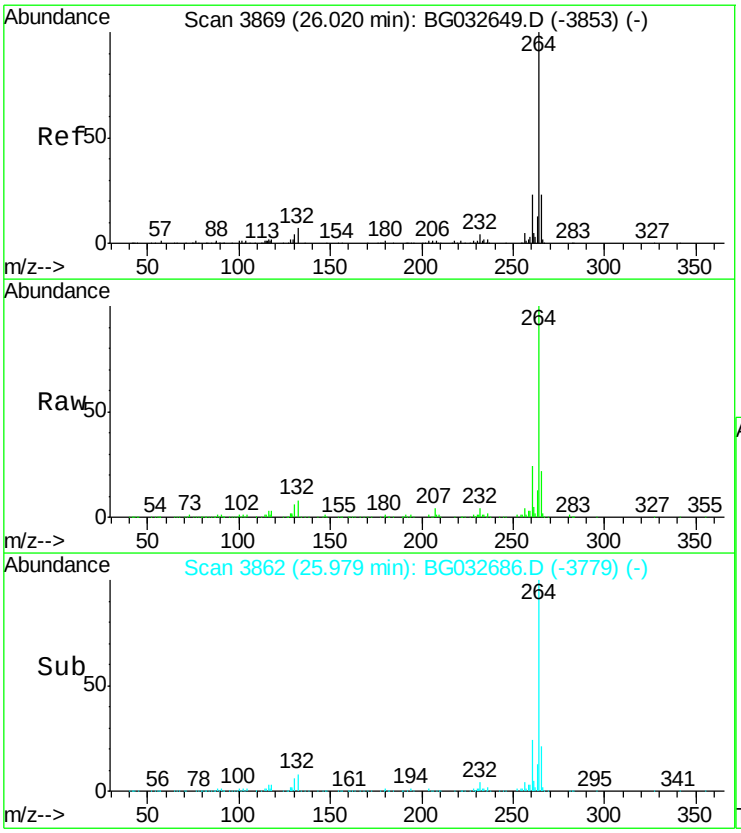
#78
Terphenyl-d14
Concen: 77.977 ng
RT: 20.57 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Instrument :
BNA_G
ClientSampleId :
CB-4-LINE-NW@2.5

Tgt Ion:244 Resp: 1183161

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	5.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.98 min Scan# 3862
Delta R.T. -0.04 min
Lab File: BG032686.D
Acq: 14 Feb 2018 18:15

Tgt Ion:264 Resp: 358323

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	21.5	17.7	26.5