Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
Data File : BG031599.D
Acq On : 15 Dec 2017 22:06
Operator : SJ/JU
Sample : I6830-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MAP-5-E(15-16)

Quant Time: Dec 16 00:03:46 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	65375	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	281206	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	194412	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	529687	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	632820	20.00	ng	-0.01
86) Perylene-d12	25.02	264	535150	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	473304	128.33	ng	-0.01
7) Phenol-d6	7.27	99	617518	120.61	ng	0.00
23) Nitrobenzene-d5	9.27	82	355351	77.89	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	305169	133.99	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1017347	76.81	ng	0.00
78) Terphenyl-d14	20.06	244	1991794	71.61	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.29	94	22035	4.189	ng	92
49) Dimethylphthalate	14.17	163	84282	5.236	ng	99

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

Quantitation Report (LSC Reviewed)

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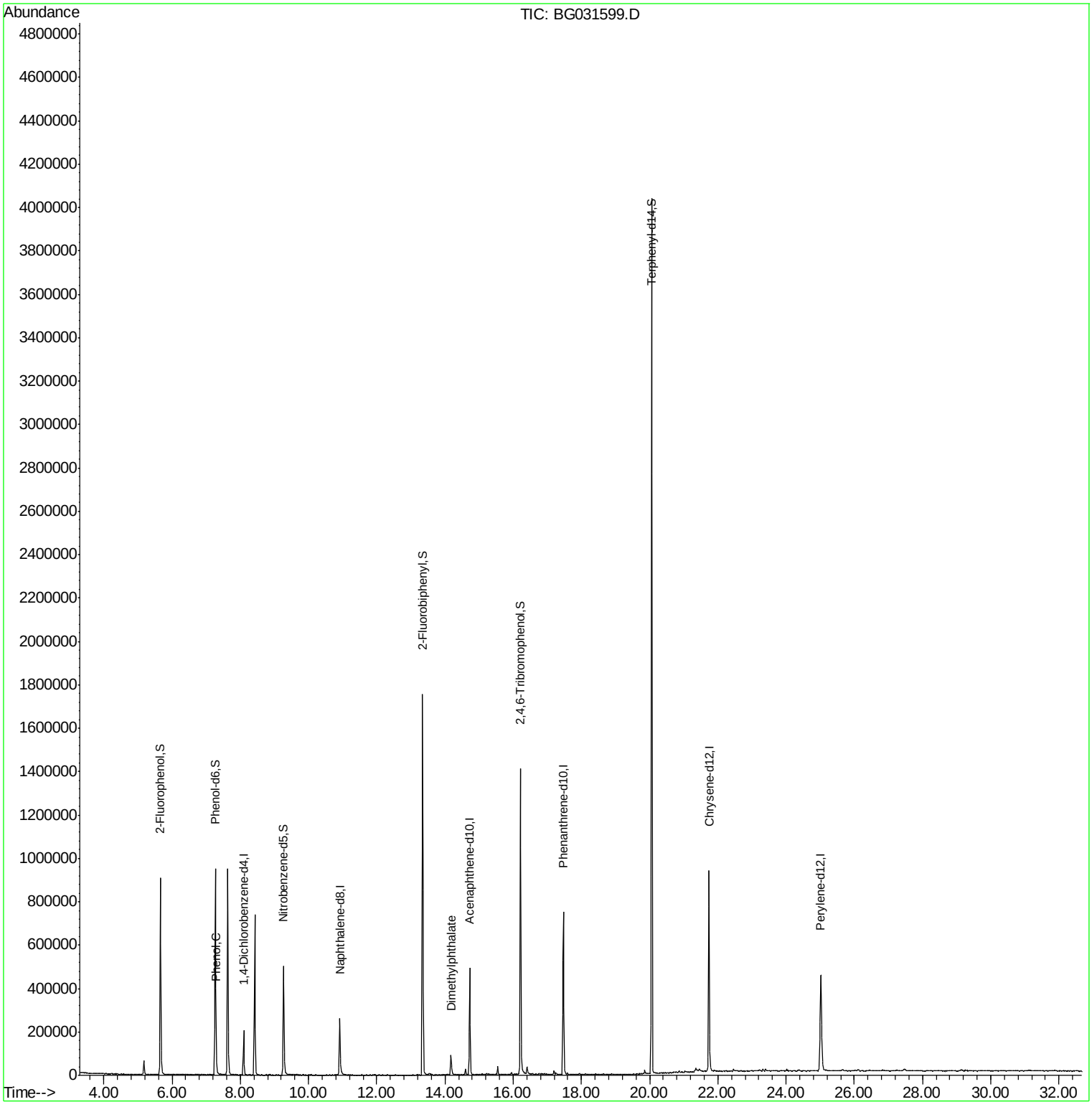
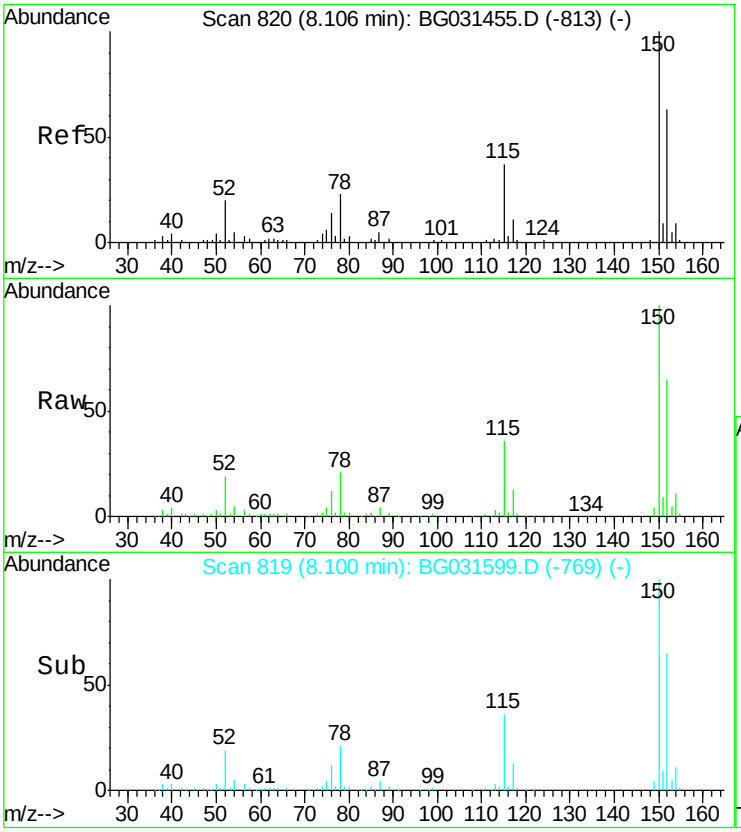


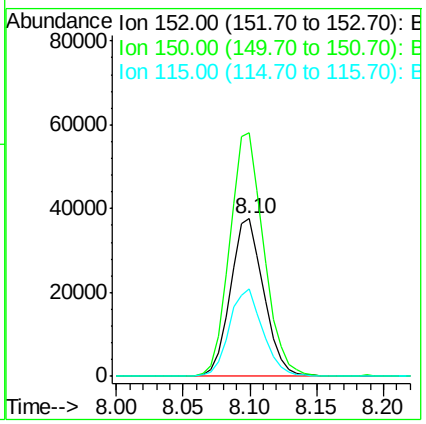


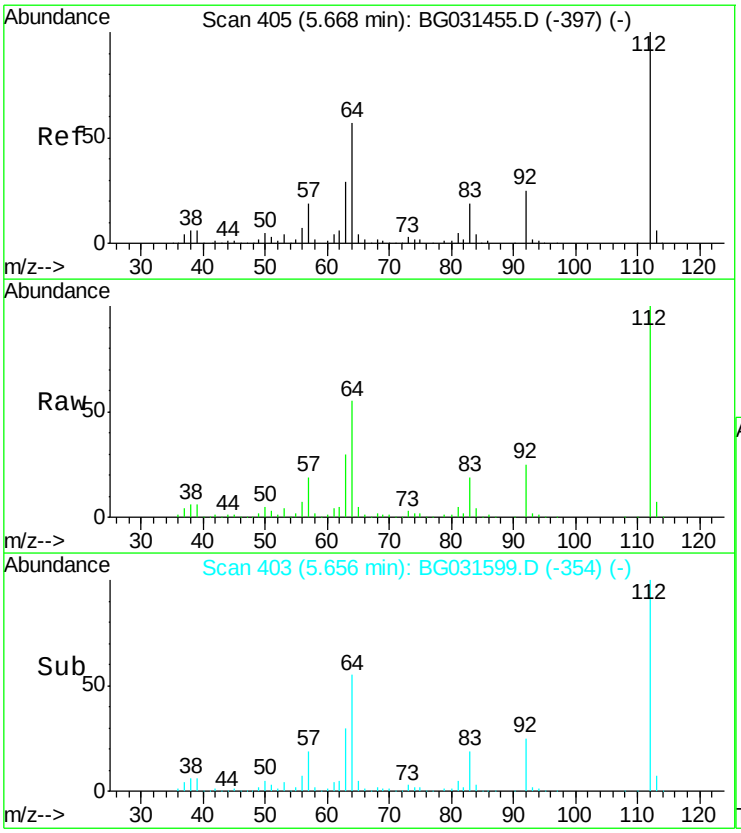
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG031599.D
Acq: 15 Dec 2017 22:06

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)

Tgt Ion:152 Resp: 65375

Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.6	189.8
115	55.6	53.0	79.4

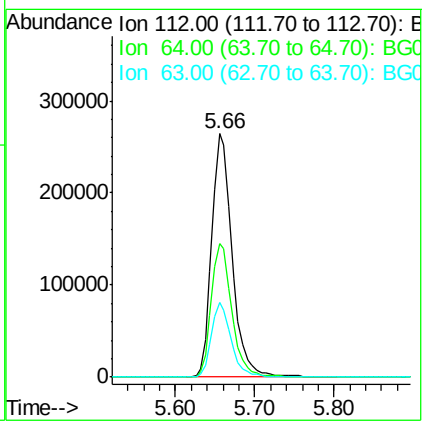


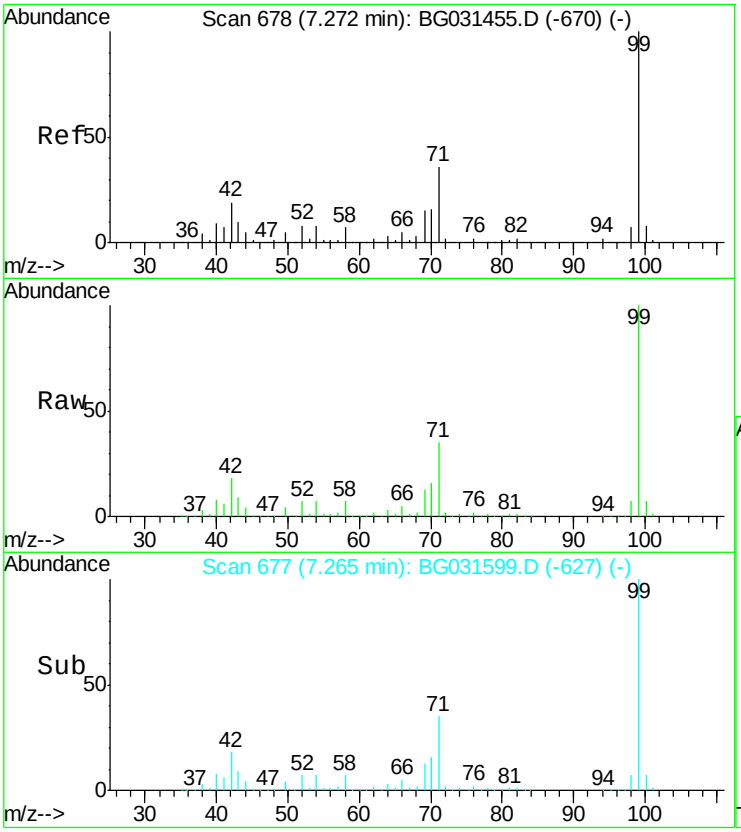


#5
2-Fluorophenol
Concen: 128.327 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031599.D
Acq: 15 Dec 2017 22:06

Tgt Ion:112 Resp: 473304

Ion	Ratio	Lower	Upper
112	100		
64	55.0	56.3	84.5#
63	30.5	30.1	45.1



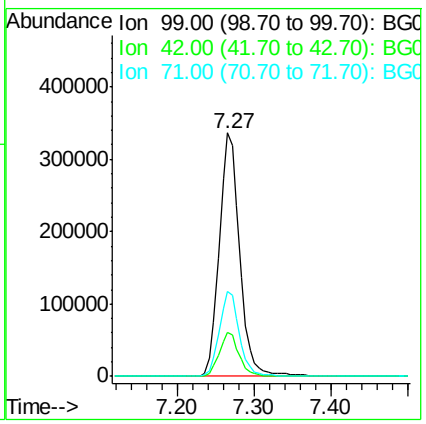


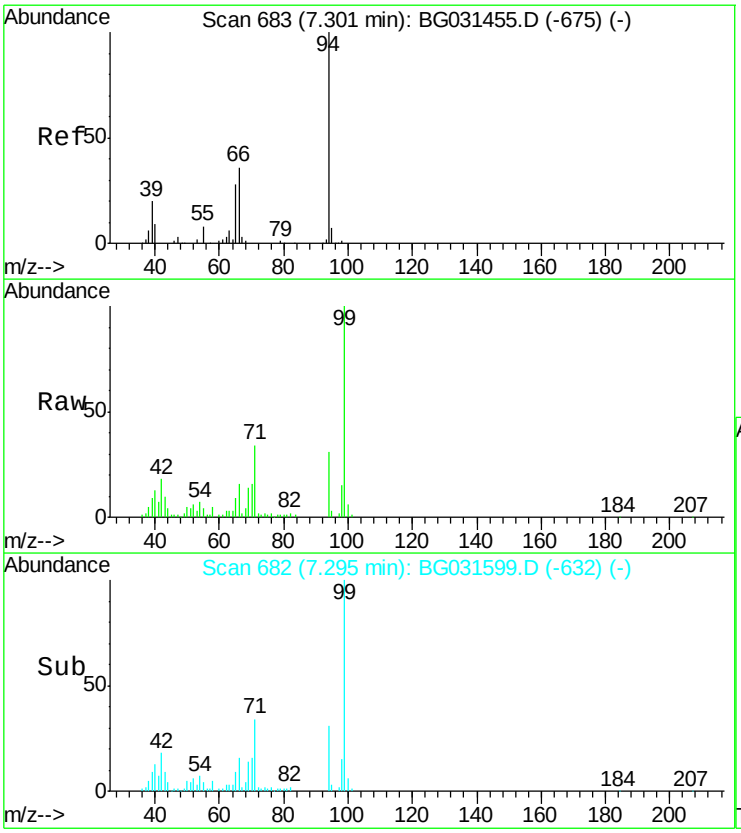
#7
Phenol-d6
Concen: 120.605 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG031599.D
Acq: 15 Dec 2017 22:06

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)

Tgt Ion: 99 Resp: 617518

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.1	21.1
71	34.9	26.1	39.1

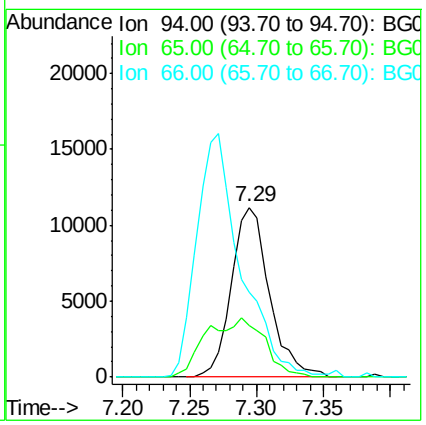


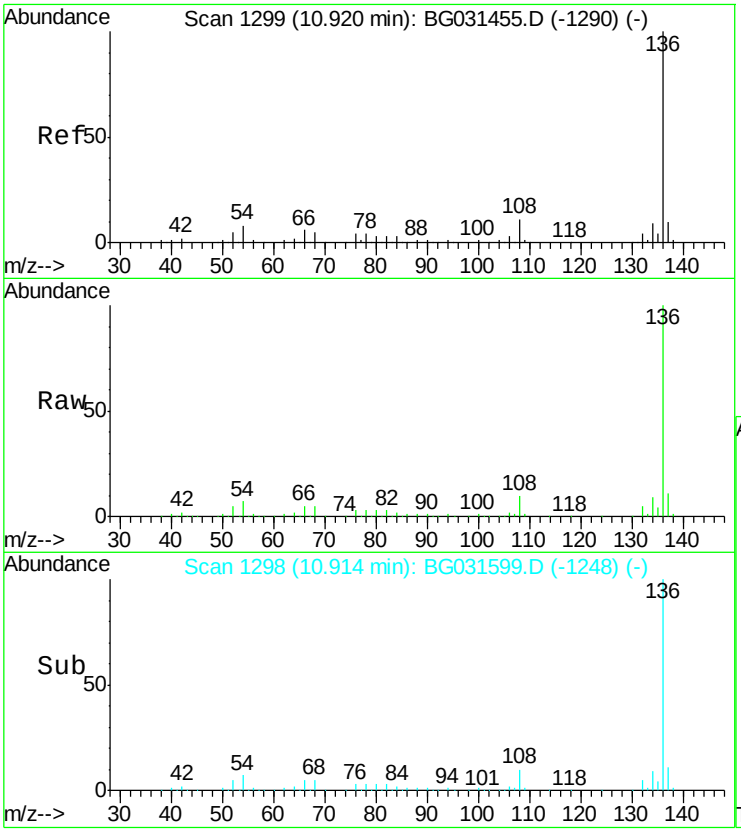


#10
Phenol
Concen: 4.189 ng
RT: 7.29 min Scan# 682
Delta R.T. -0.01 min
Lab File: BG031599.D
Acq: 15 Dec 2017 22:06

Tgt Ion: 94 Resp: 22035

Ion	Ratio	Lower	Upper
94	100		
65	30.4	11.9	51.9
66	50.1	22.2	62.2



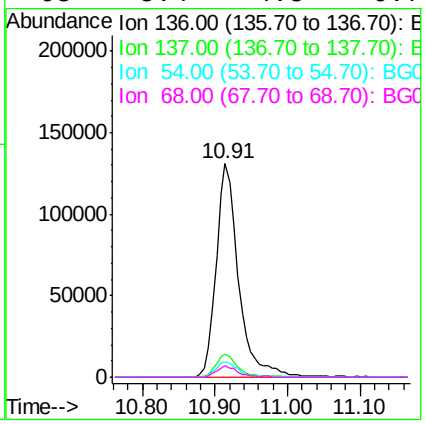


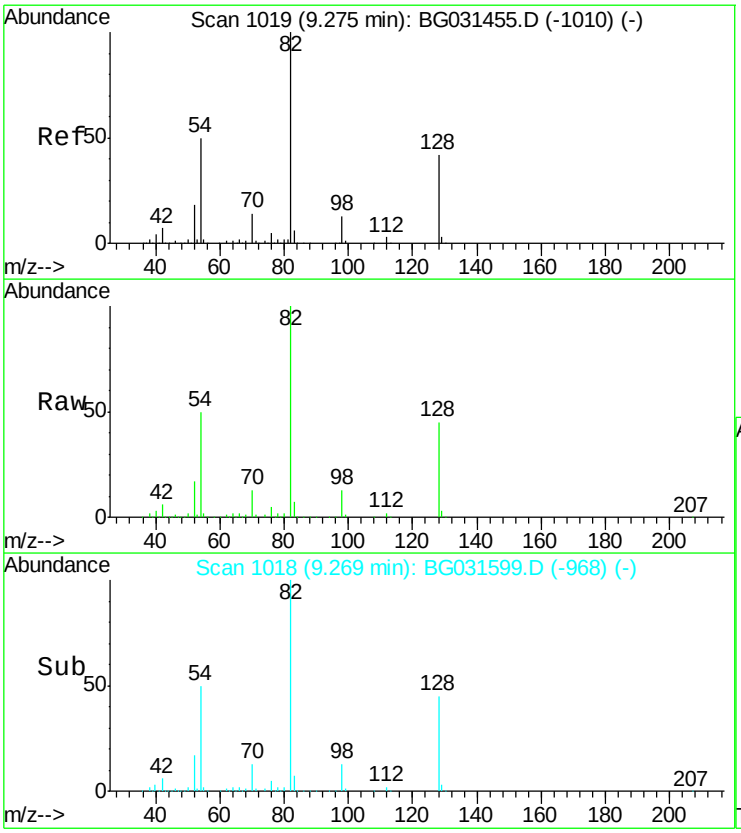
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG031599.D
Acq: 15 Dec 2017 22:06

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)

Tgt Ion:136 Resp: 281206

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.5	10.3	15.5#
68	5.4	4.5	6.7

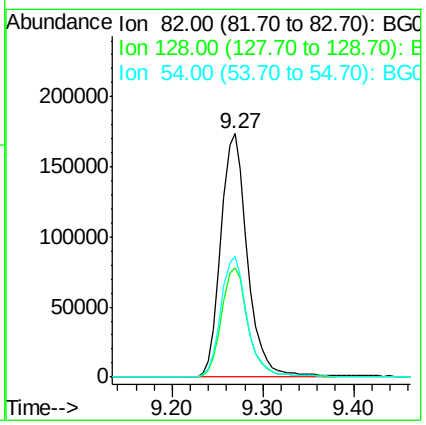


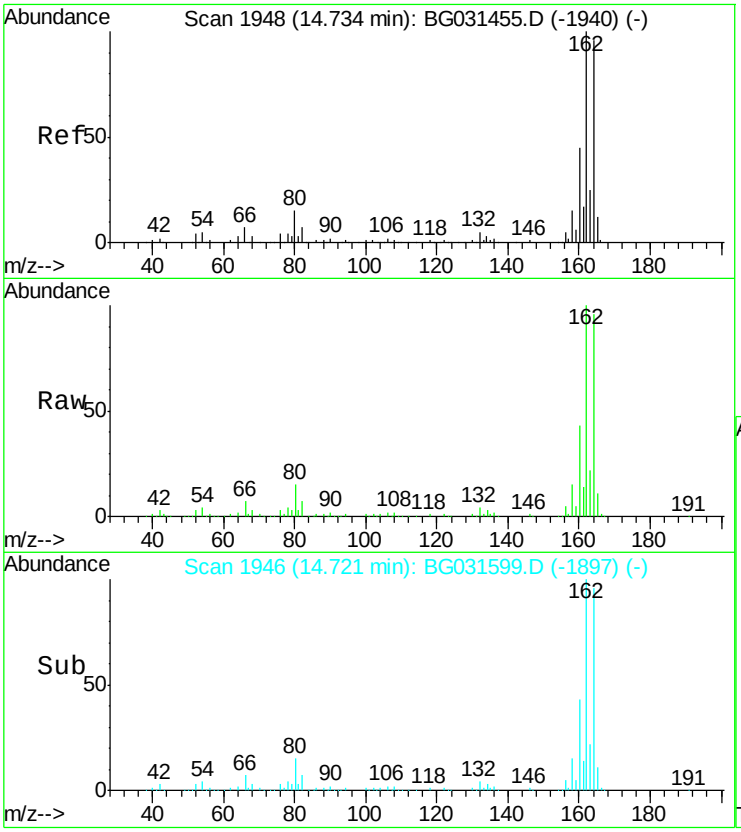


#23
Nitrobenzene-d5
Concen: 77.888 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031599.D
Acq: 15 Dec 2017 22:06

Tgt Ion: 82 Resp: 355351

Ion	Ratio	Lower	Upper
82	100		
128	44.7	29.7	44.5#
54	49.7	43.1	64.7



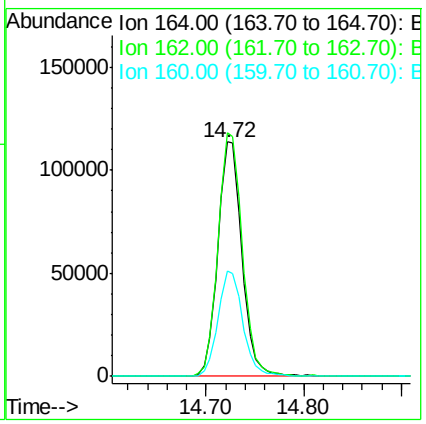


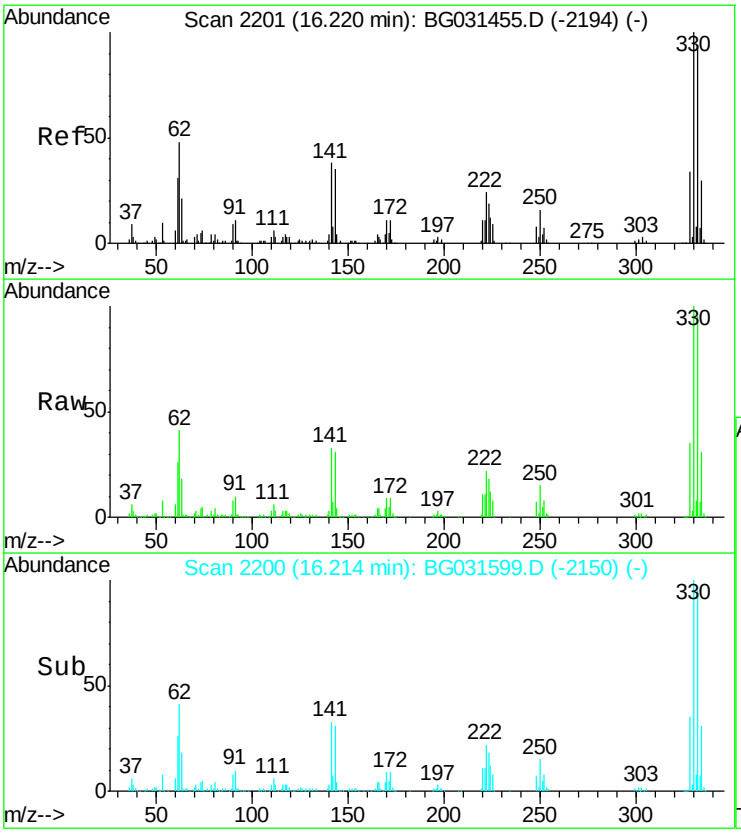
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031599.D
Acq: 15 Dec 2017 22:06

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)

Tgt Ion:164 Resp: 194412

Ion	Ratio	Lower	Upper
164	100		
162	104.0	78.8	118.2
160	45.1	35.4	53.0

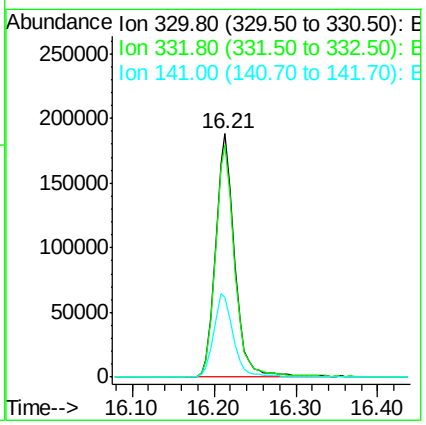


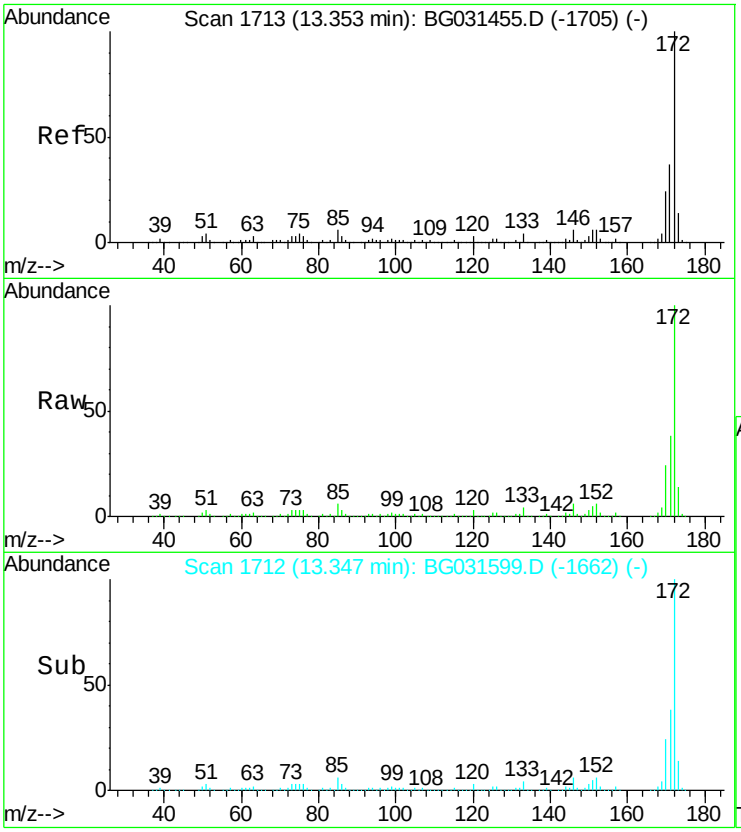


#41
2,4,6-Tribromophenol
Concen: 133.986 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG031599.D
Acq: 15 Dec 2017 22:06

Tgt Ion:330 Resp: 305169

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	35.2	25.2	37.8



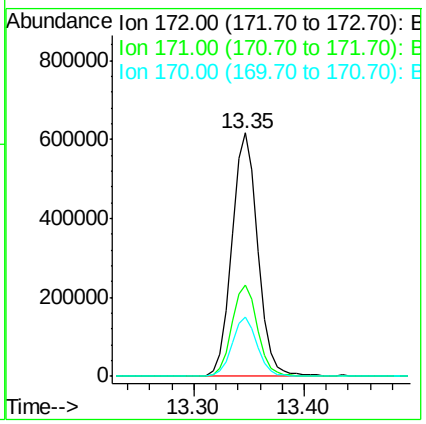


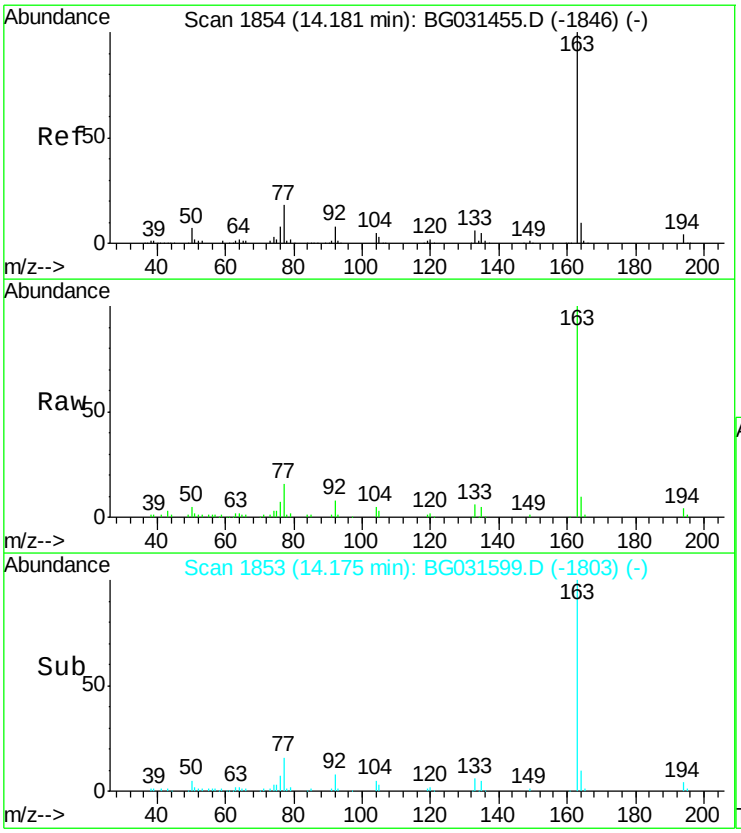
#44
2-Fluorobiphenyl
Concen: 76.813 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG031599.D
Acq: 15 Dec 2017 22:06

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)

Tgt Ion:172 Resp: 1017347

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.3	19.5	29.3

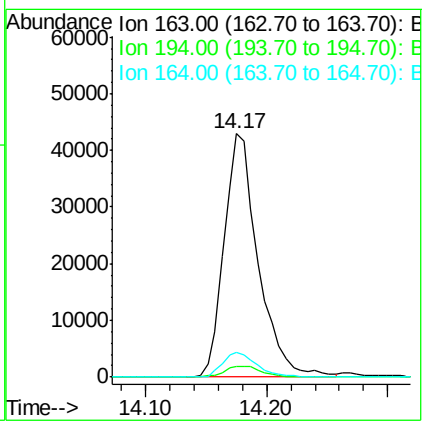


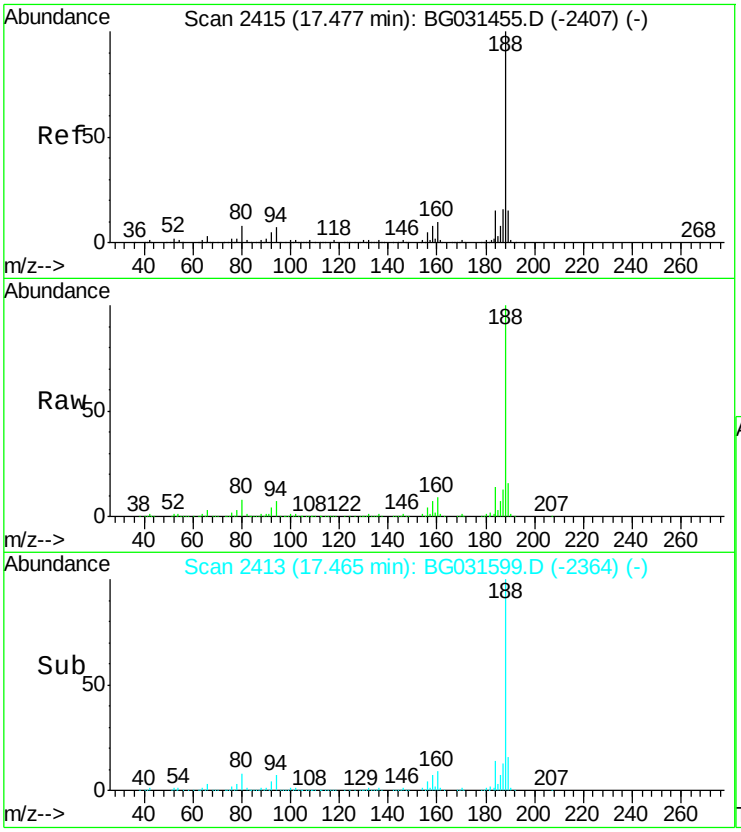


#49
Dimethylphthalate
Concen: 5.236 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG031599.D
Acq: 15 Dec 2017 22:06

Tgt Ion:163 Resp: 84282

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.0	8.2	12.4



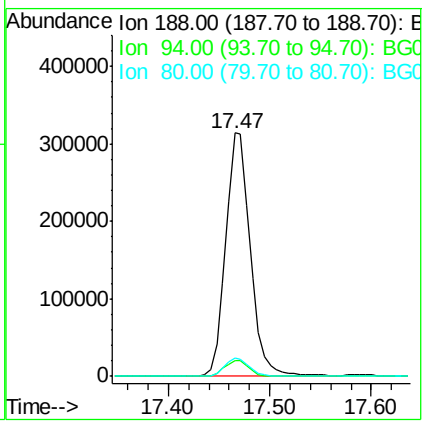


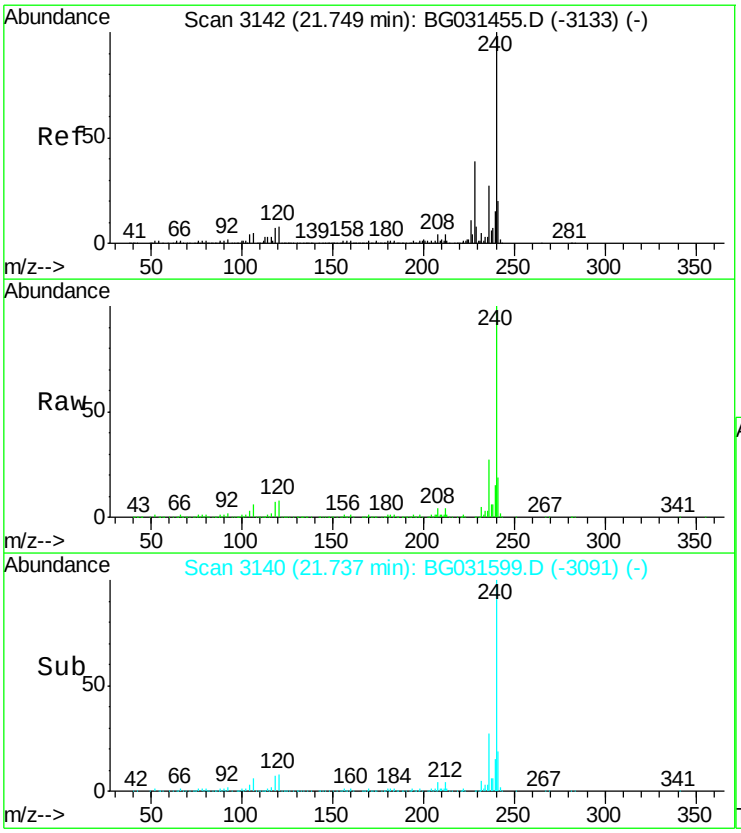
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031599.D
Acq: 15 Dec 2017 22:06

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)

Tgt Ion:188 Resp: 529687

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	7.6	7.7	11.5#

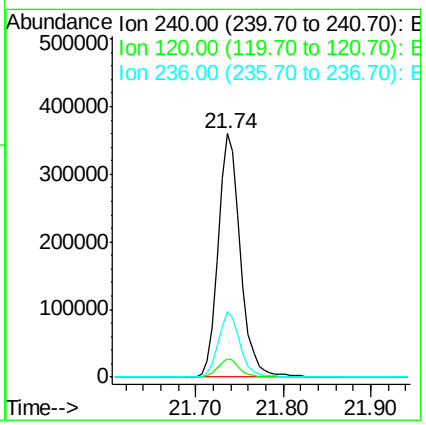


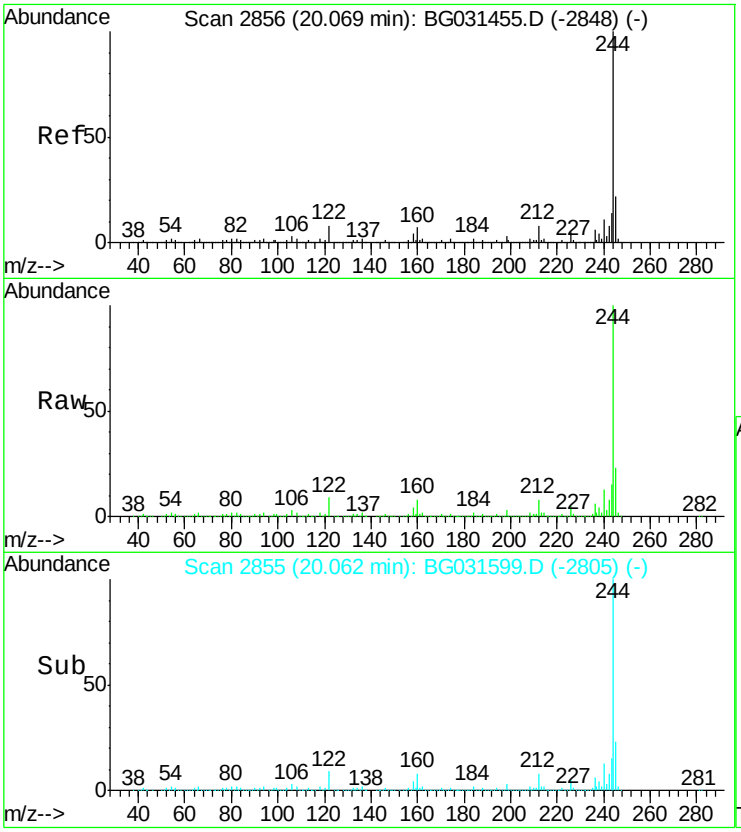


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG031599.D
Acq: 15 Dec 2017 22:06

Tgt Ion:240 Resp: 632820

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.8	10.2
236	26.8	20.9	31.3



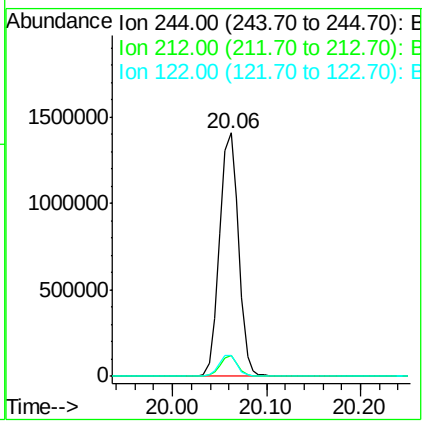


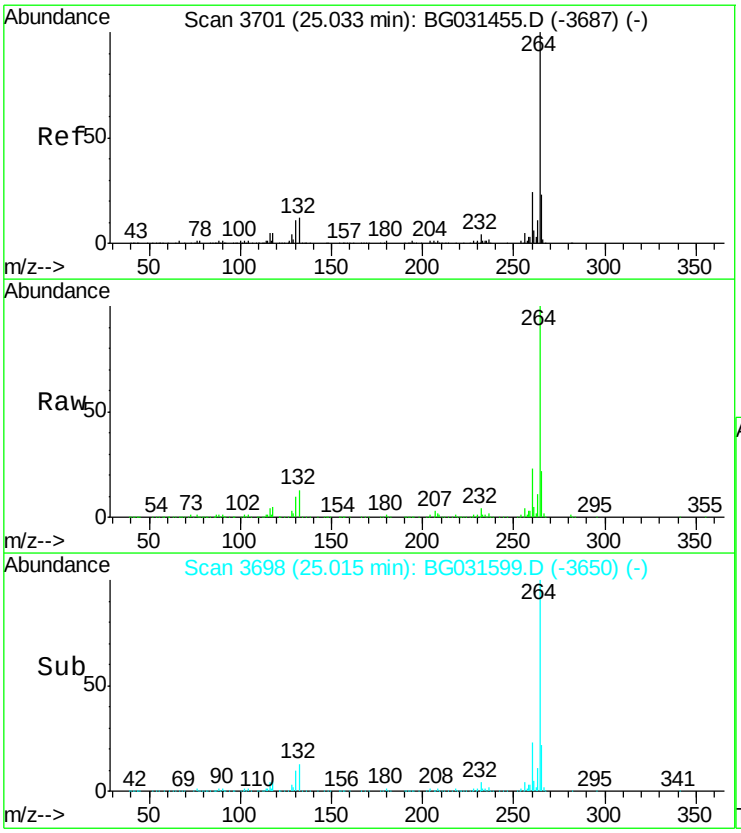
#78
Terphenyl-d14
Concen: 71.611 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BG031599.D
Acq: 15 Dec 2017 22:06

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)

Tgt Ion:244 Resp: 1991794

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	8.6	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3698
Delta R.T. -0.02 min
Lab File: BG031599.D
Acq: 15 Dec 2017 22:06

Tgt Ion:264 Resp: 535150

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	22.1	17.7	26.5