Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
Data File : BG045734.D
Acq On : 11 Jun 2020 23:40
Operator : CG/JU
Sample : L2965-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MASON-BRICK-COMP-1

Quant Time: Jun 12 03:46:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	57209	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	222875	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	144930	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	301422	20.00	ng	0.00
76) Chrysene-d12	21.59	240	295487	20.00	ng	0.00
87) Perylene-d12	24.74	264	335977	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	230134	78.62	ng	0.00
7) Phenol-d6	7.13	99	341186	81.89	ng	-0.01
23) Nitrobenzene-d5	9.11	82	234283	57.32	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	129205	69.71	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	489809	57.33	ng	0.00
79) Terphenyl-d14	19.95	244	766939	60.54	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.08	77	9598	3.536	ng	88
10) Phenol	7.16	94	10161	2.366	ng	91
13) 1,4-Dichlorobenzene	7.98	146	8876	2.331	ng	90
31) Naphthalene	10.80	128	32110	3.092	ng	98
35) Caprolactam	11.66	113	3216	2.671	ng	93
37) 2-Methylnaphthalene	12.41	142	19512	2.521	ng	93
50) Dimethylphthalate	14.04	163	45156	4.542	ng	98
60) Diethylphthalate	15.40	149	48967	4.732	ng	99
71) Phenanthrene	17.38	178	27505	2.090	ng	99
74) Di-n-butylphthalate	18.30	149	50754	3.283	ng	96
84) Bis(2-ethylhexyl)phthalate	21.49	149	101050	10.111	ng	97

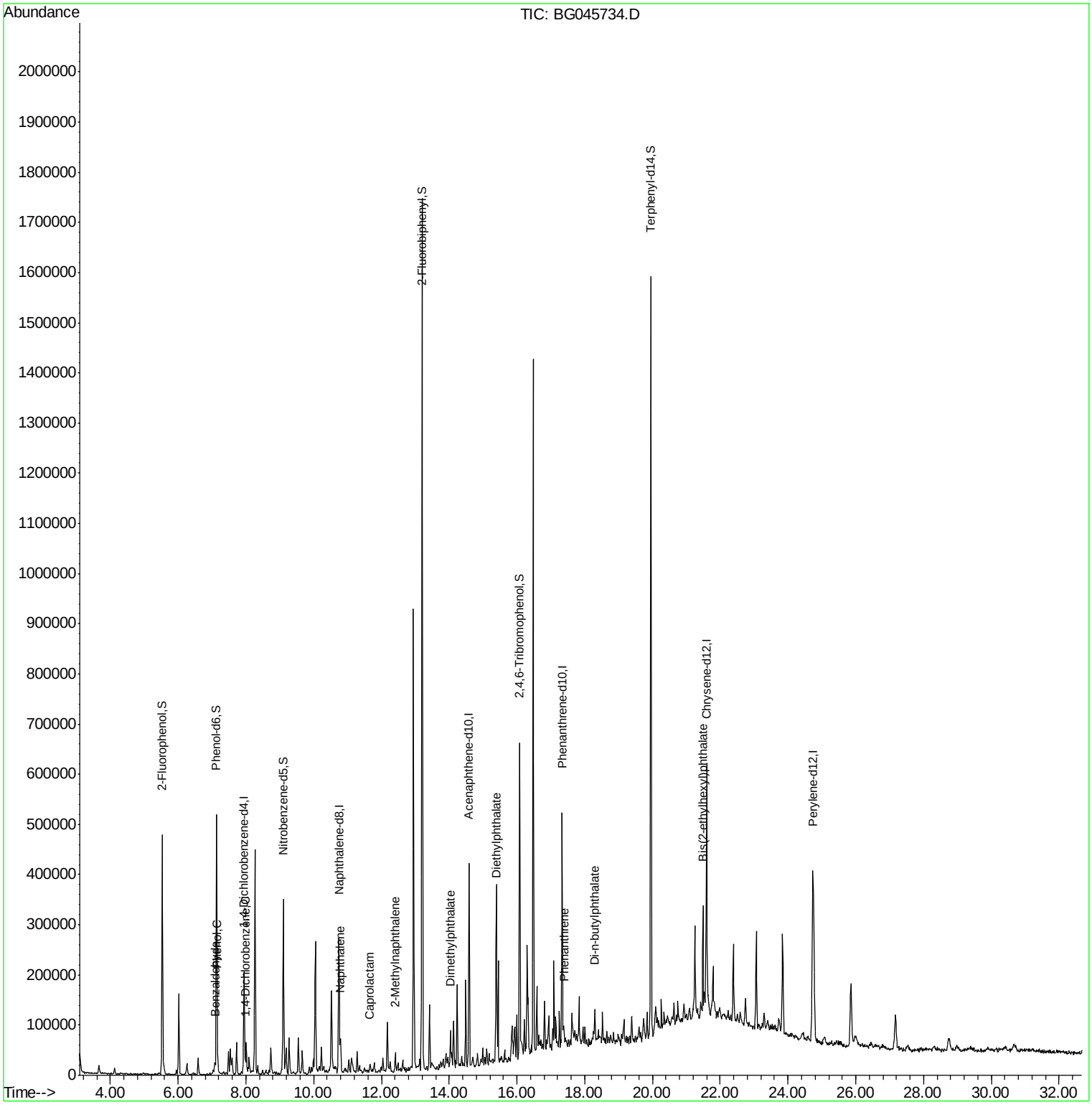
(#) = qualifier out of range (m) = manual integration (+) = signals summed

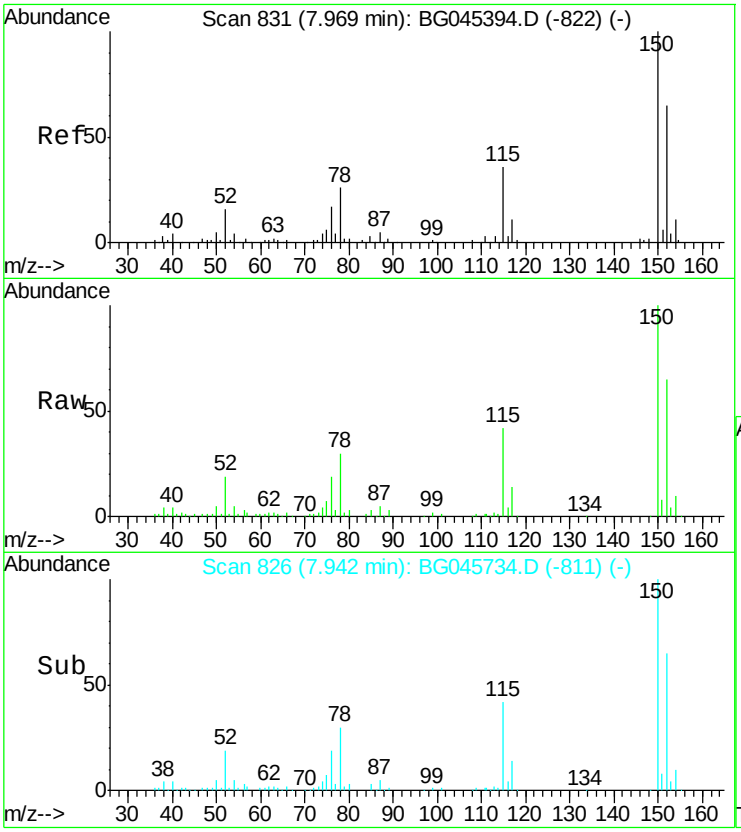
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
Data File : BG045734.D
Acq On : 11 Jun 2020 23:40
Operator : CG/JU
Sample : L2965-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MASON-BRICK-COMP-1

Quant Time: Jun 12 03:46:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration



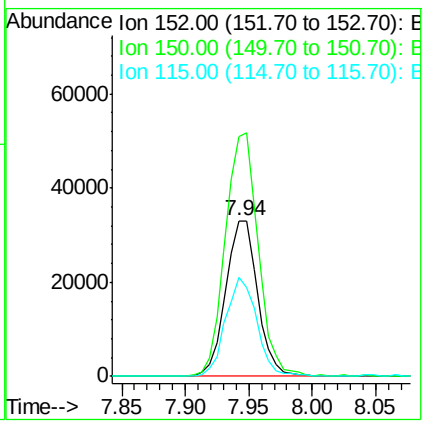


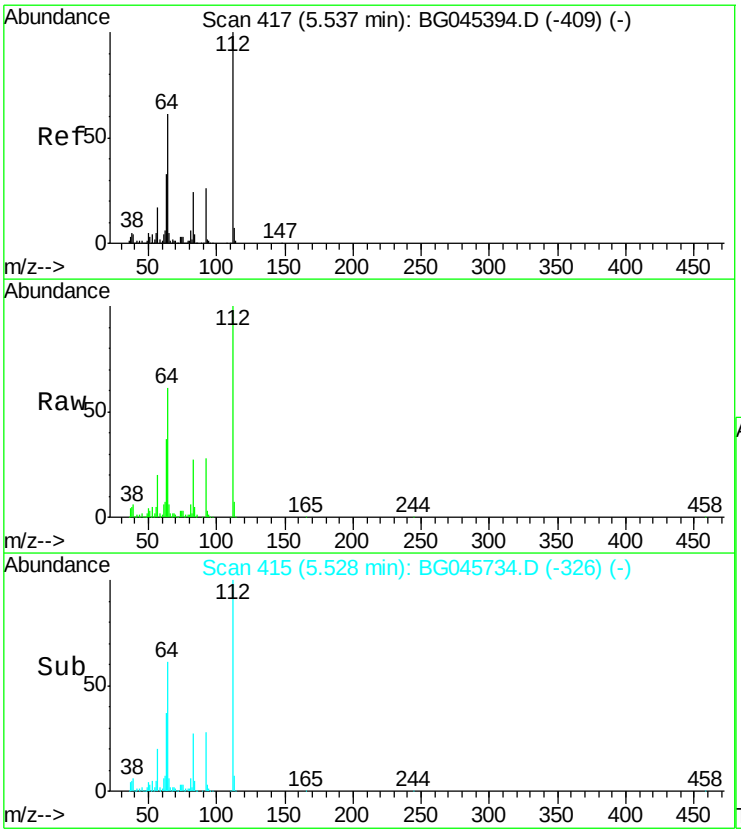
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Instrument :
BNA_G
ClientSampleId :
MASON-BRICK-COMP-1

Tgt Ion:152 Resp: 57209

Ion	Ratio	Lower	Upper
152	100		
150	154.0	122.4	183.6
115	63.9	44.2	66.4

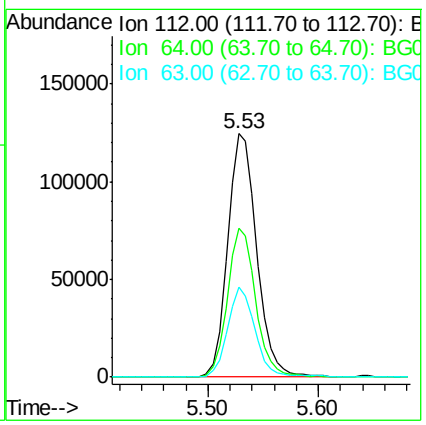


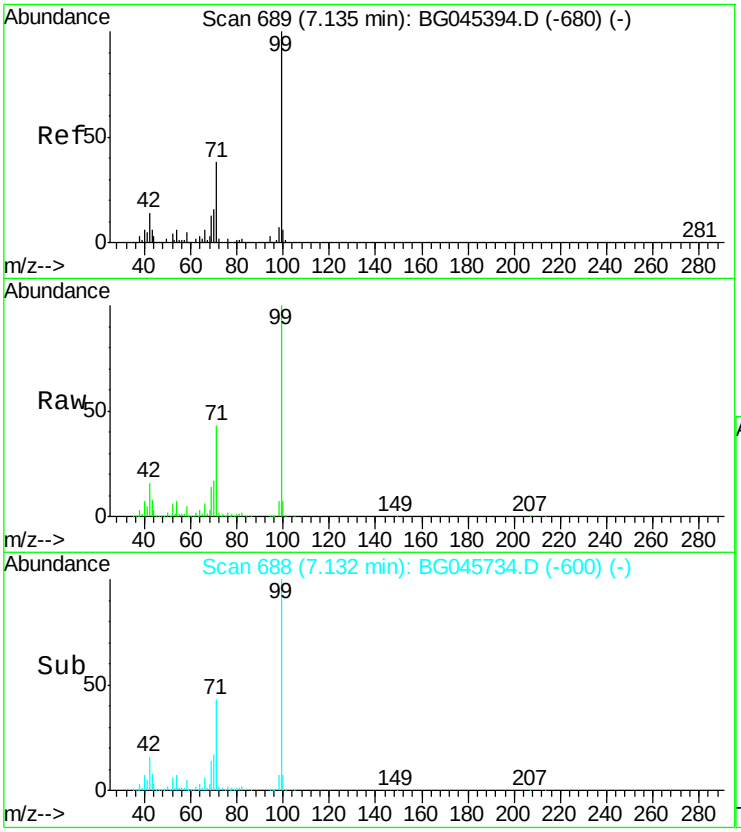


#5
2-Fluorophenol
Concen: 78.615 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Tgt Ion:112 Resp: 230134

Ion	Ratio	Lower	Upper
112	100		
64	61.4	48.6	72.8
63	37.2	26.5	39.7



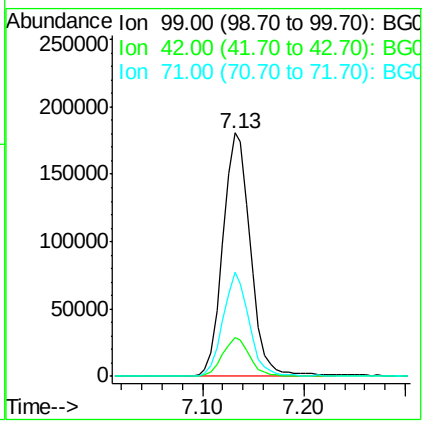


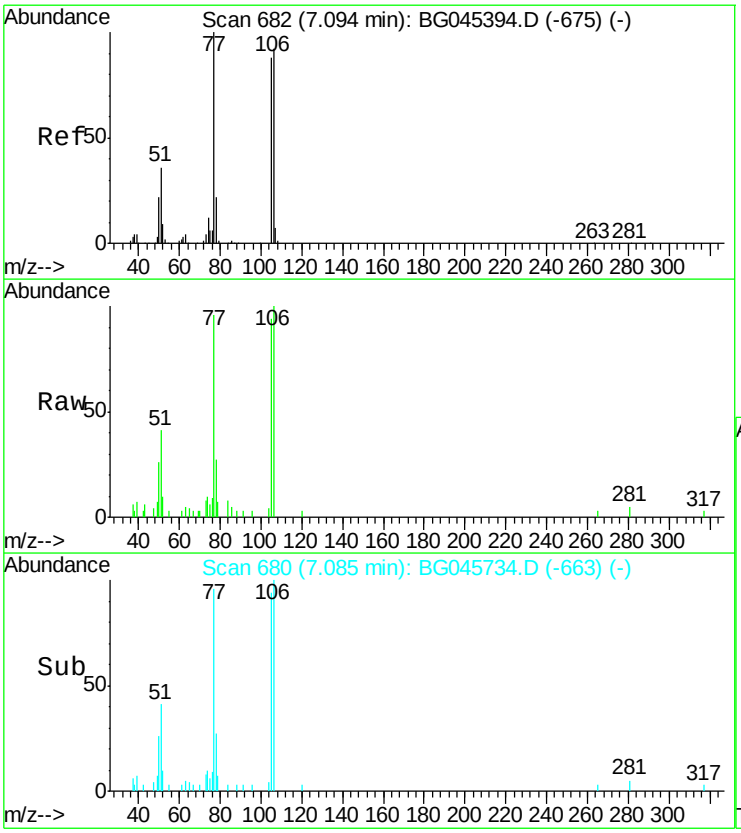
#7
Phenol-d6
Concen: 81.888 ng
RT: 7.13 min Scan# 688
Delta R.T. -0.01 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Instrument :
BNA_G
ClientSampleId :
MASON-BRICK-COMP-1

Tgt Ion: 99 Resp: 341186

Ion	Ratio	Lower	Upper
99	100		
42	15.8	11.3	16.9
71	42.9	30.8	46.2

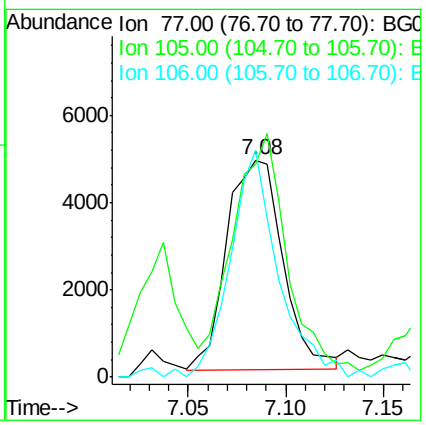


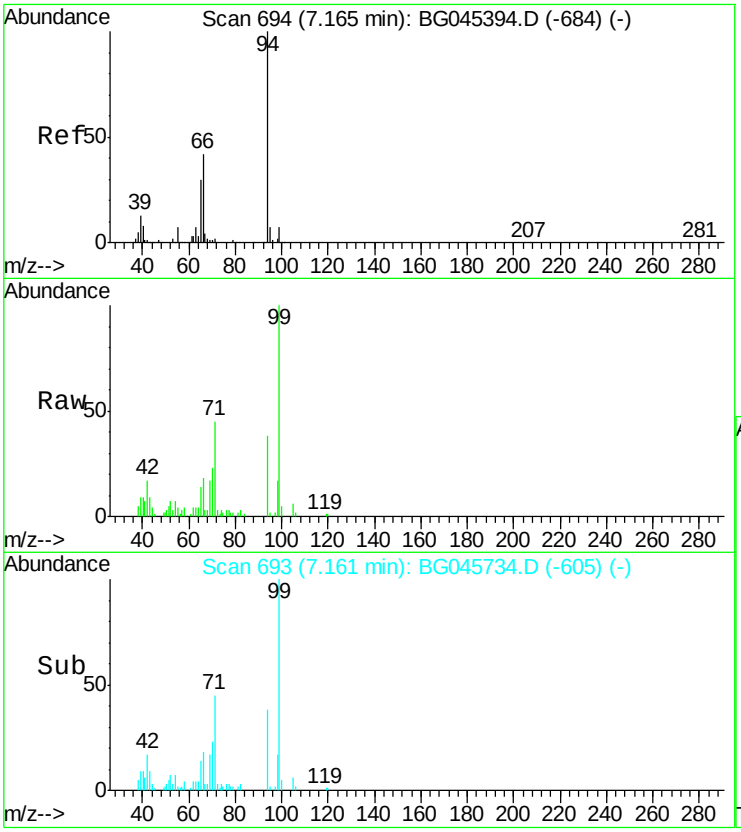


#9
Benzaldehyde
Concen: 3.536 ng
RT: 7.08 min Scan# 680
Delta R.T. 0.00 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Tgt Ion: 77 Resp: 9598

Ion	Ratio	Lower	Upper
77	100		
105	98.1	68.5	108.5
106	104.6	71.6	111.6



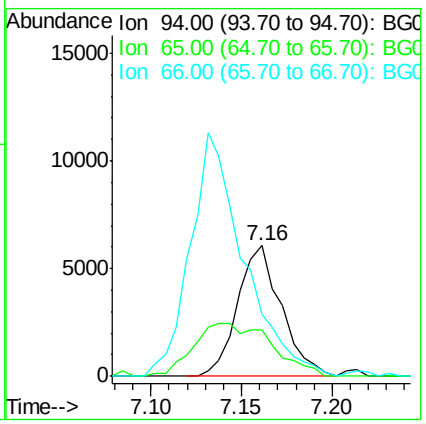


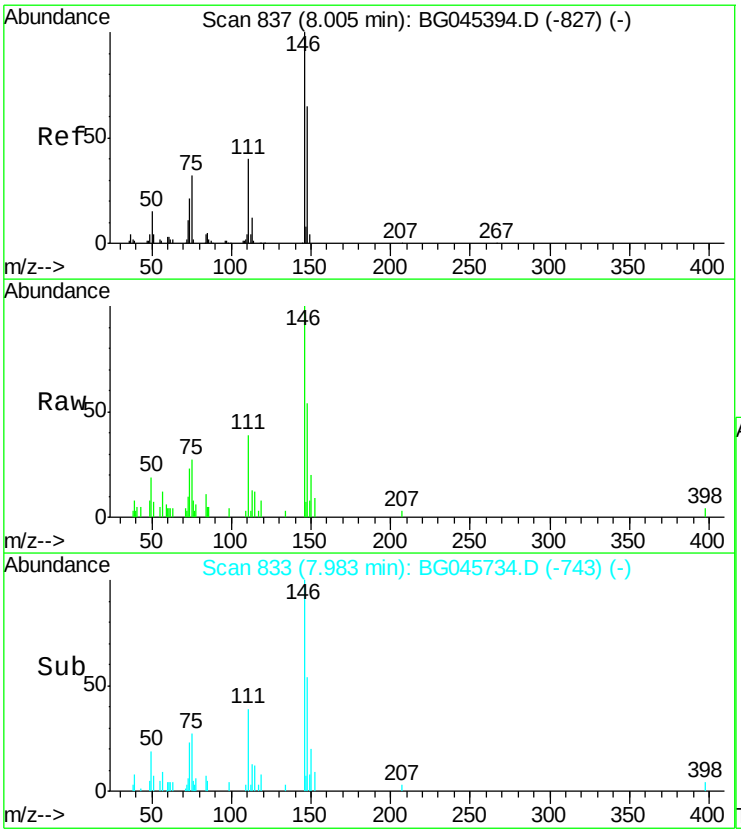
#10
Phenol
Concen: 2.366 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Instrument :
BNA_G
ClientSampleId :
MASON-BRICK-COMP-1

Tgt Ion: 94 Resp: 10161

Ion	Ratio	Lower	Upper
94	100		
65	35.3	9.8	49.8
66	47.4	22.0	62.0

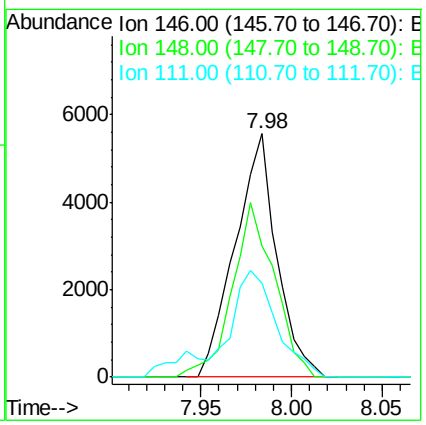


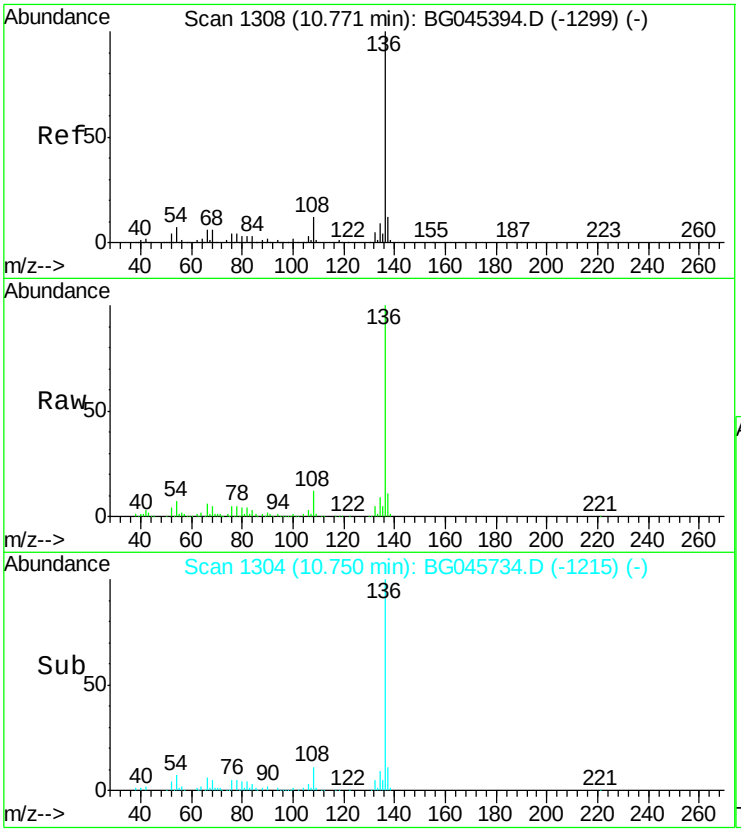


#13
1,4-Dichlorobenzene
Concen: 2.331 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Tgt Ion:146 Resp: 8876

Ion	Ratio	Lower	Upper
146	100		
148	53.8	51.8	77.8
111	38.5	32.1	48.1



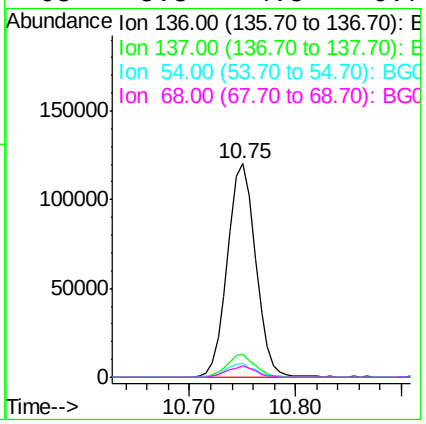


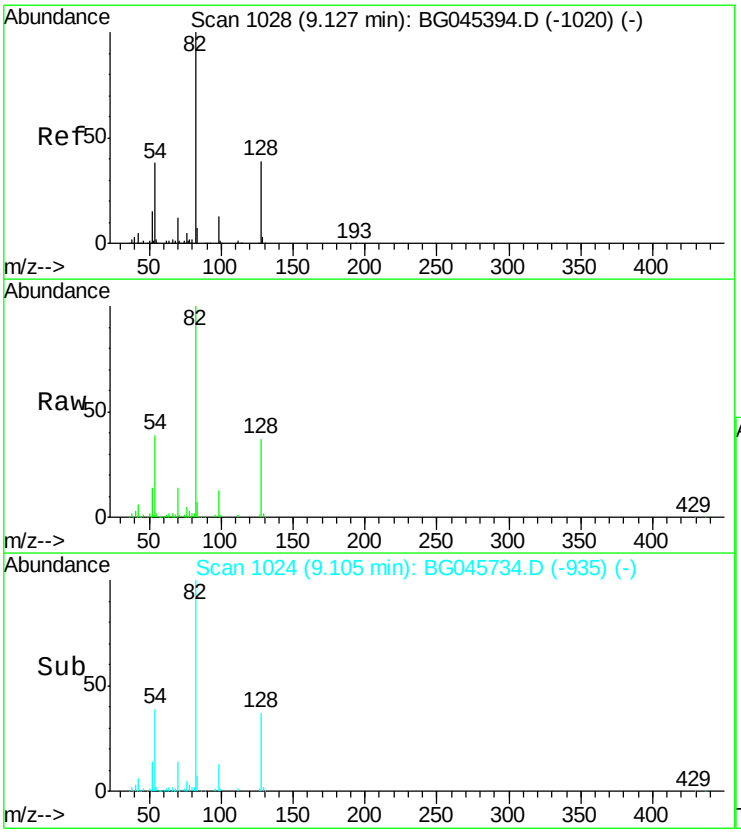
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Instrument :
BNA_G
ClientSampleId :
MASON-BRICK-COMP-1

Tgt Ion:136 Resp: 222875

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.2
54	6.6	5.8	8.6
68	5.3	4.5	6.7

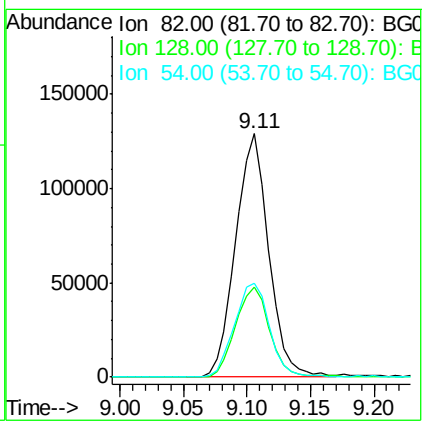


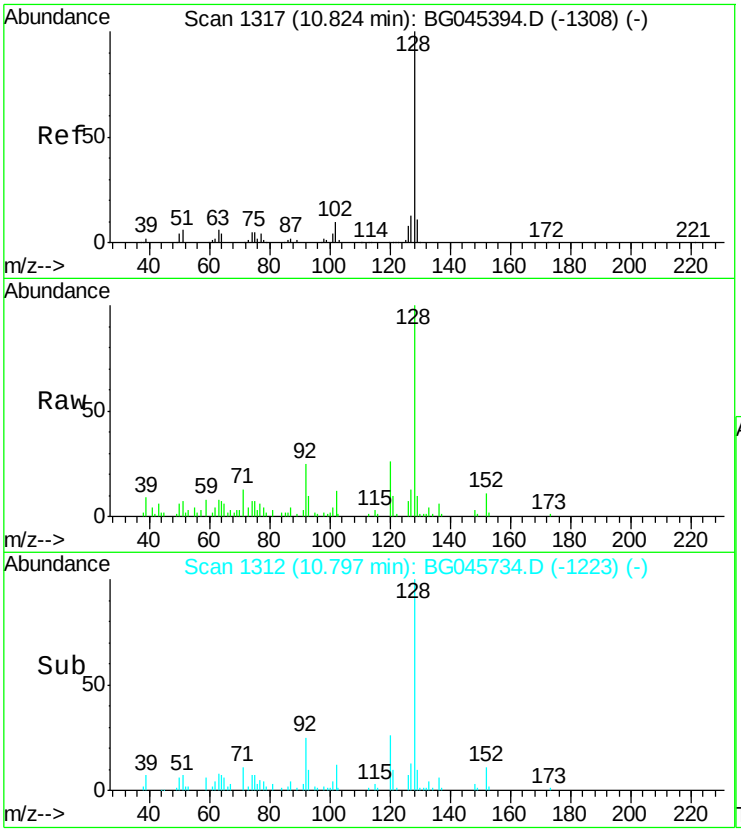


#23
Nitrobenzene-d5
Concen: 57.323 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Tgt Ion: 82 Resp: 234283

Ion	Ratio	Lower	Upper
82	100		
128	37.2	30.9	46.3
54	38.7	30.3	45.5



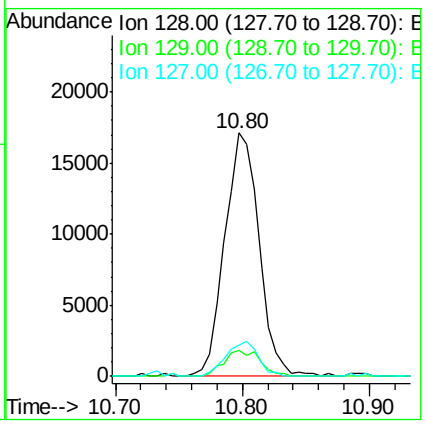


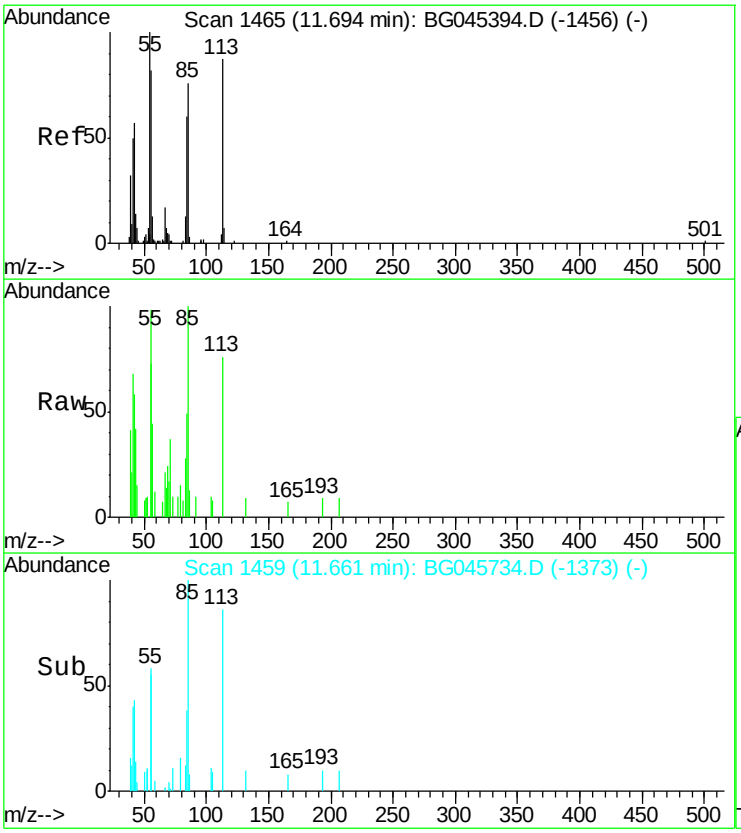
#31
Naphthalene
Concen: 3.092 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Instrument :
BNA_G
ClientSampleId :
MASON-BRICK-COMP-1

Tgt Ion:128 Resp: 32110

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.6
127	12.9	10.7	16.1

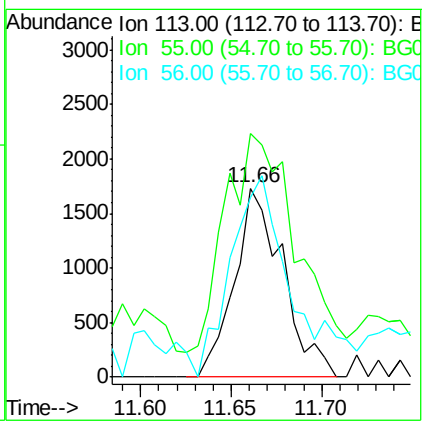


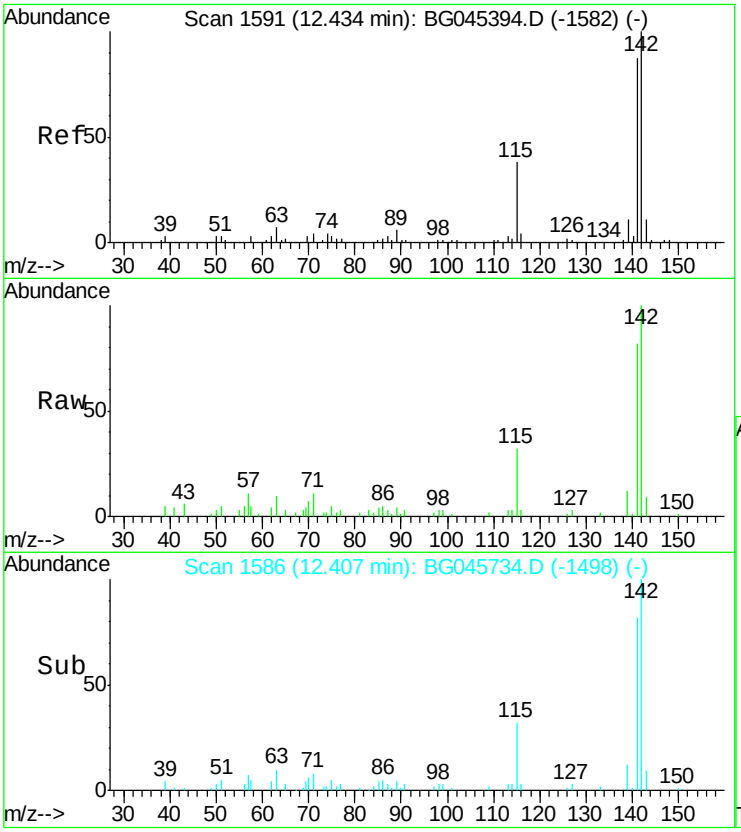


#35
Caprolactam
Concen: 2.671 ng
RT: 11.66 min Scan# 1459
Delta R.T. -0.03 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Tgt Ion:113 Resp: 3216

Ion	Ratio	Lower	Upper
113	100		
55	128.8	96.0	136.0
56	95.3	75.1	115.1



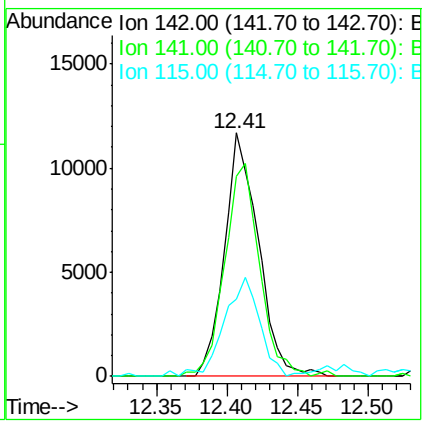


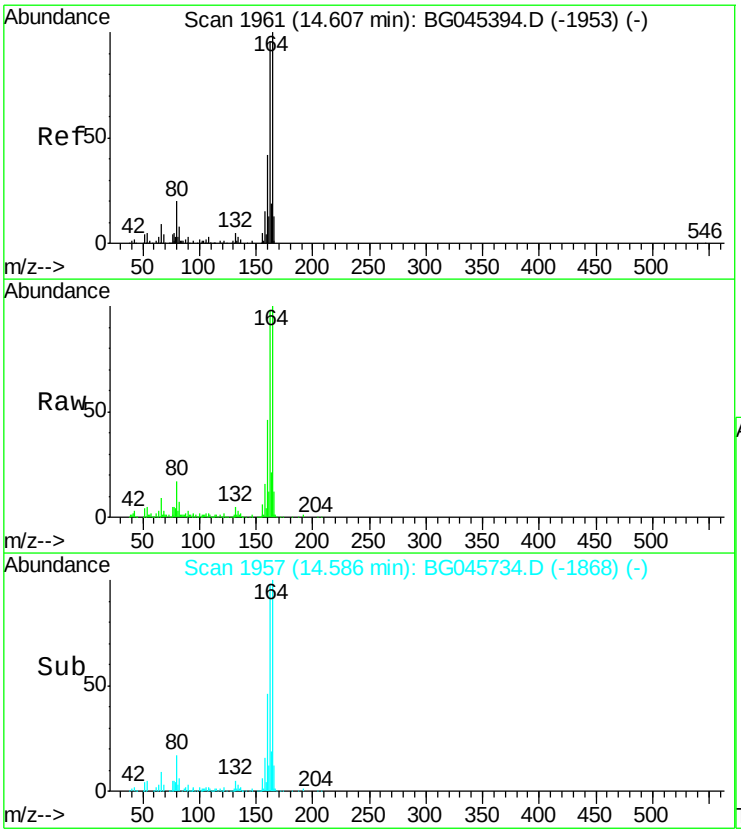
#37
2-Methylnaphthalene
Concen: 2.521 ng
RT: 12.41 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Instrument :
BNA_G
ClientSampleId :
MASON-BRICK-COMP-1

Tgt Ion:142 Resp: 19512

Ion	Ratio	Lower	Upper
142	100		
141	82.1	70.0	105.0
115	31.7	30.8	46.2

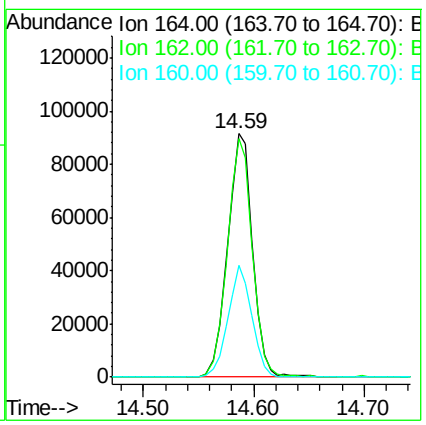


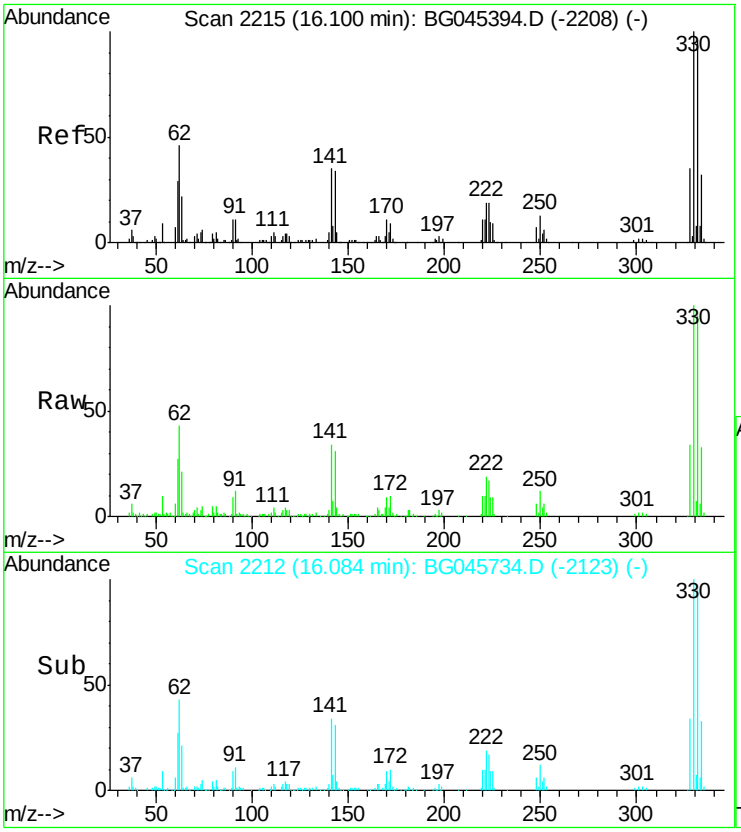


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Tgt Ion:164 Resp: 144930

Ion	Ratio	Lower	Upper
164	100		
162	98.1	76.9	115.3
160	45.7	33.8	50.8



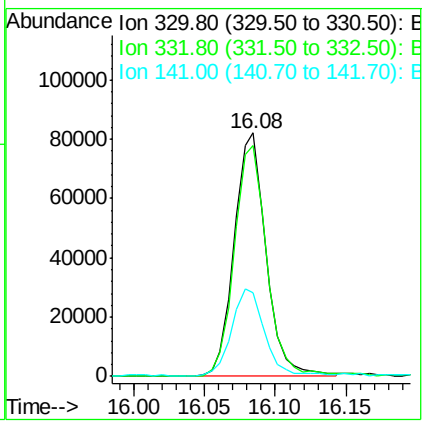


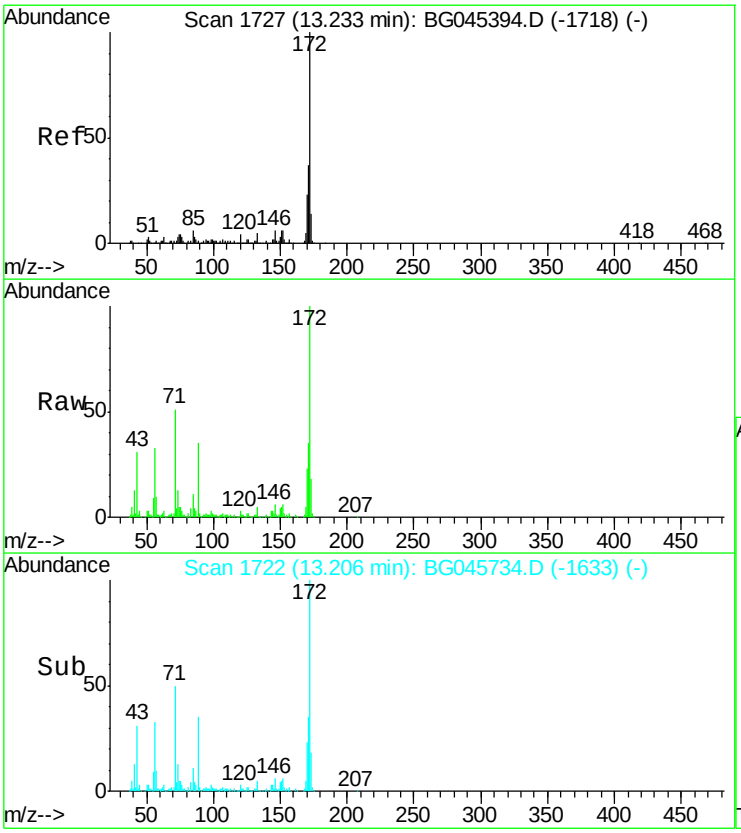
#42
2,4,6-Tribromophenol
Concen: 69.709 ng
RT: 16.08 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Instrument :
BNA_G
ClientSampleId :
MASON-BRICK-COMP-1

Tgt Ion:330 Resp: 129205

Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.2	117.4
141	37.7	28.2	42.4

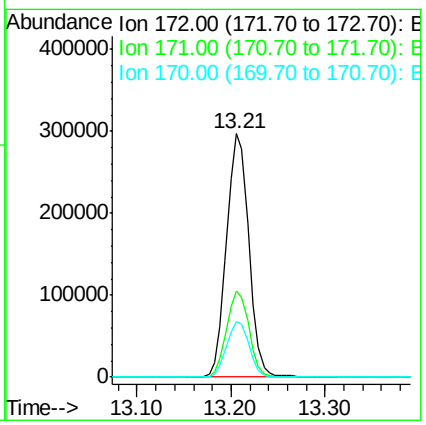


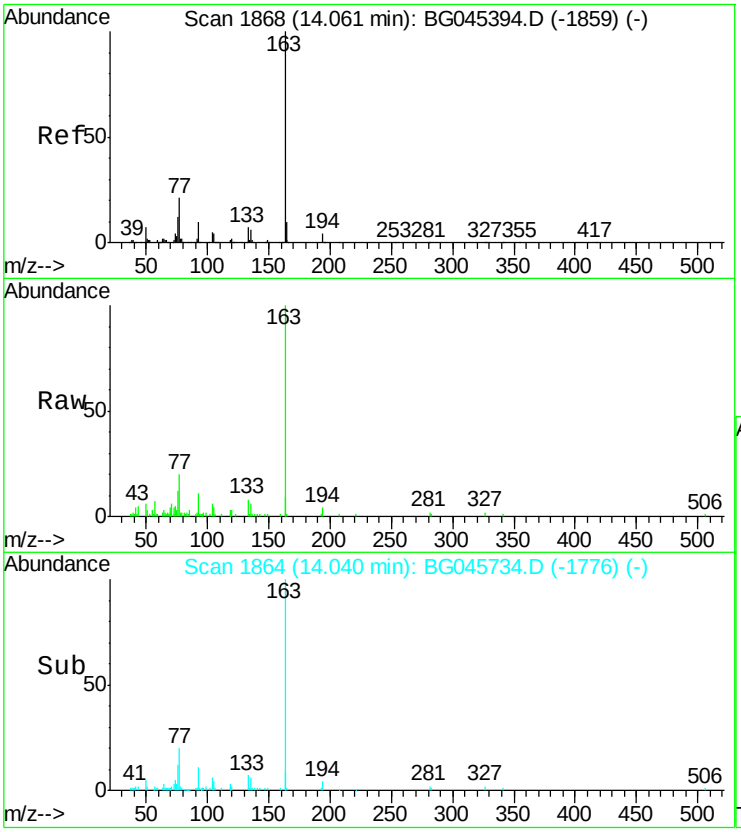


#45
2-Fluorobiphenyl
Concen: 57.325 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Tgt Ion:172 Resp: 489809

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.5	44.3
170	22.6	18.5	27.7



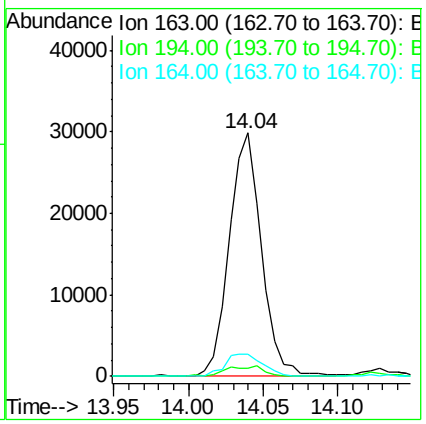


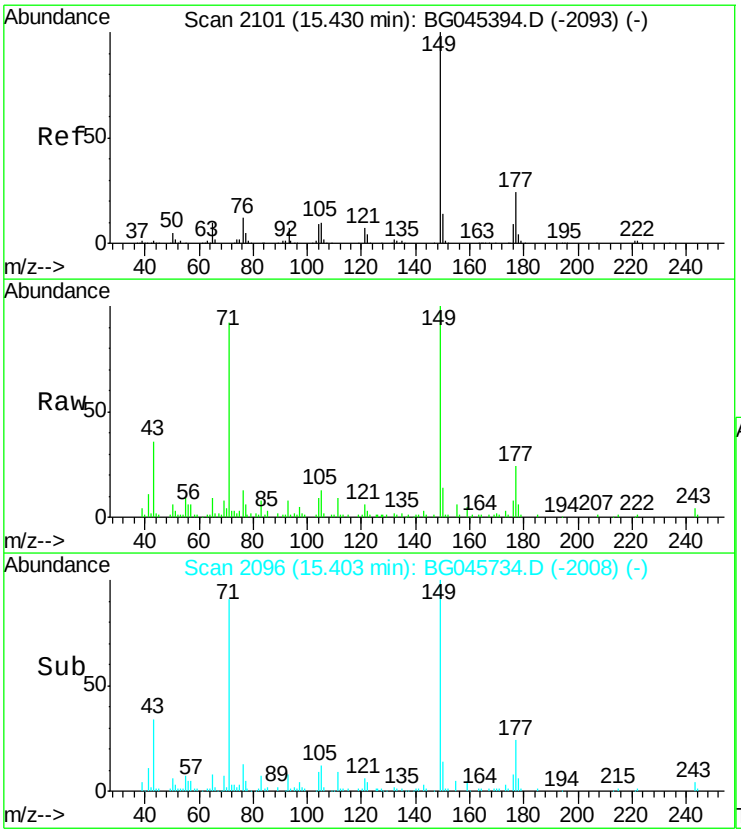
#50
Dimethylphthalate
Concen: 4.542 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Instrument :
BNA_G
ClientSampleId :
MASON-BRICK-COMP-1

Tgt Ion:163 Resp: 45156

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	9.3	8.3	12.5

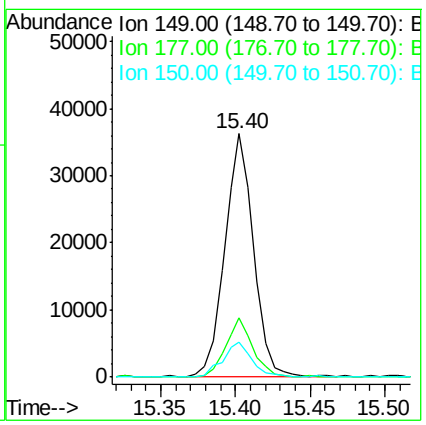


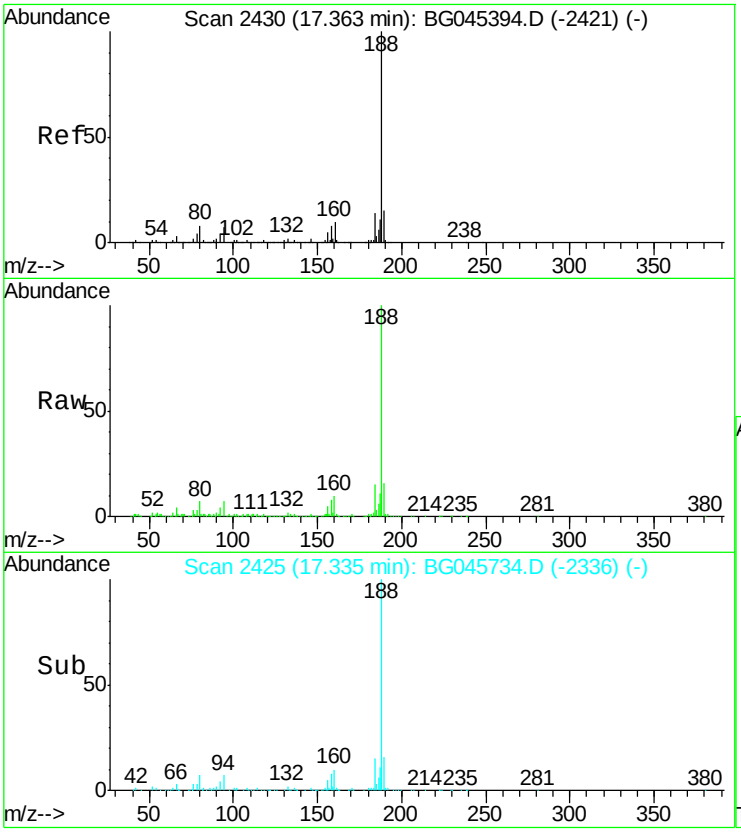


#60
Diethylphthalate
Concen: 4.732 ng
RT: 15.40 min Scan# 2096
Delta R.T. -0.02 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Tgt Ion:149 Resp: 48967

Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.0	28.4
150	14.2	11.4	17.0



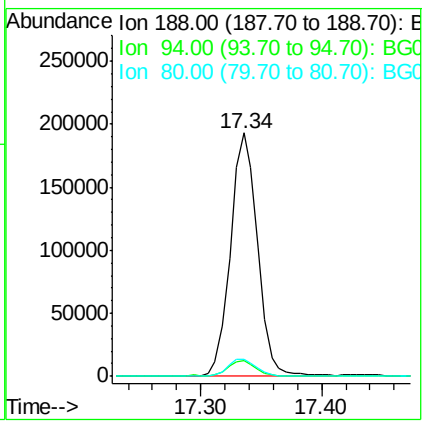


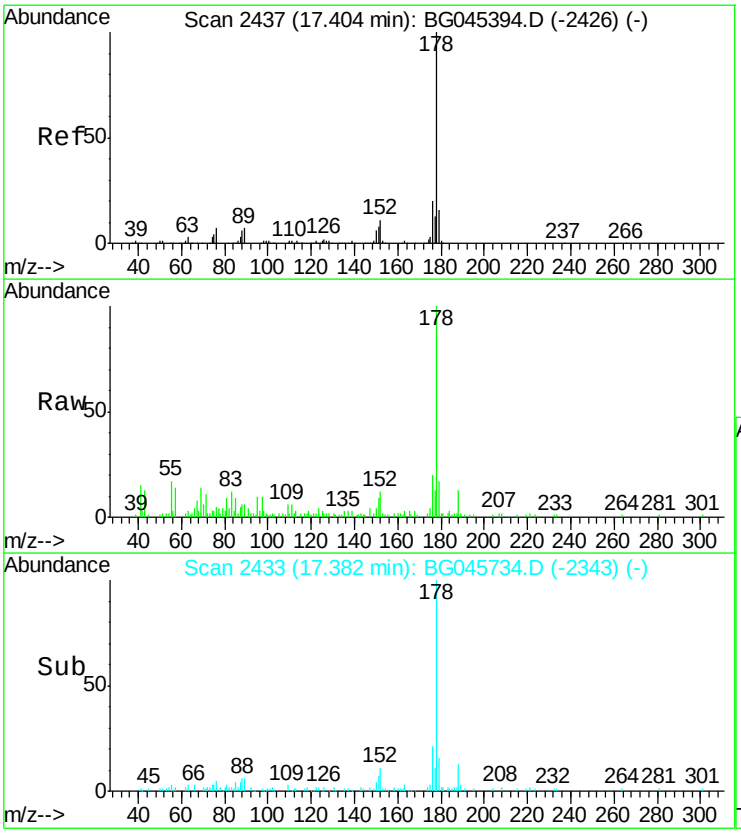
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Instrument :
BNA_G
ClientSampleId :
MASON-BRICK-COMP-1

Tgt Ion:188 Resp: 301422

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.5	8.3
80	7.0	6.6	10.0

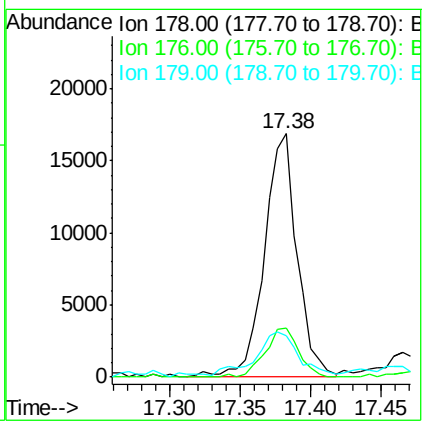


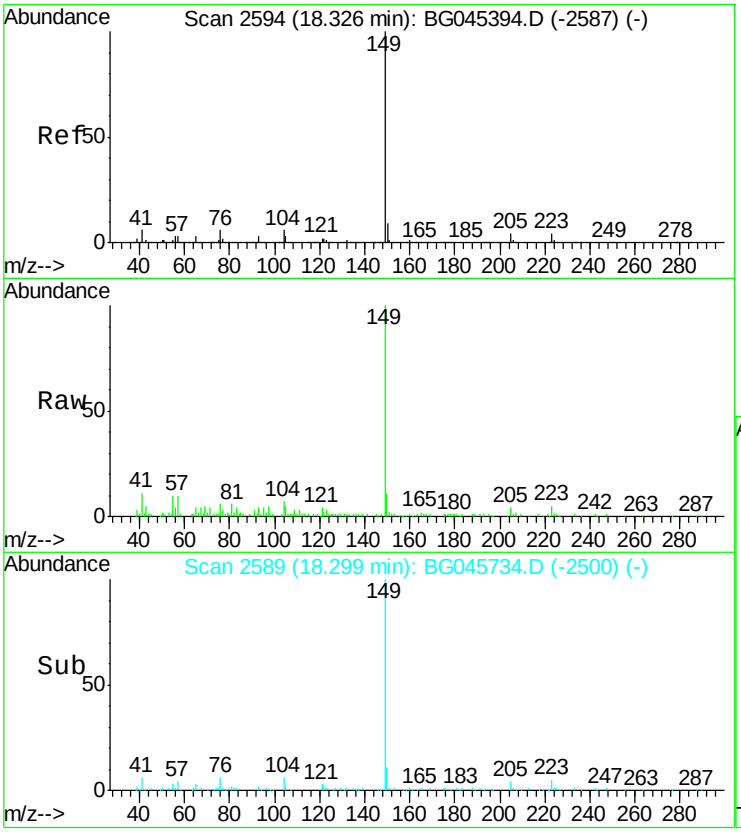


#71
Phenanthrene
Concen: 2.090 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Tgt Ion:178 Resp: 27505

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	17.2	13.1	19.7



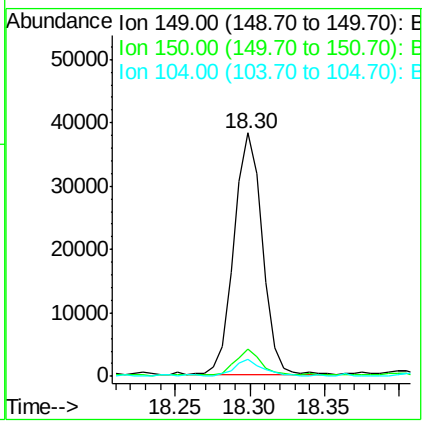


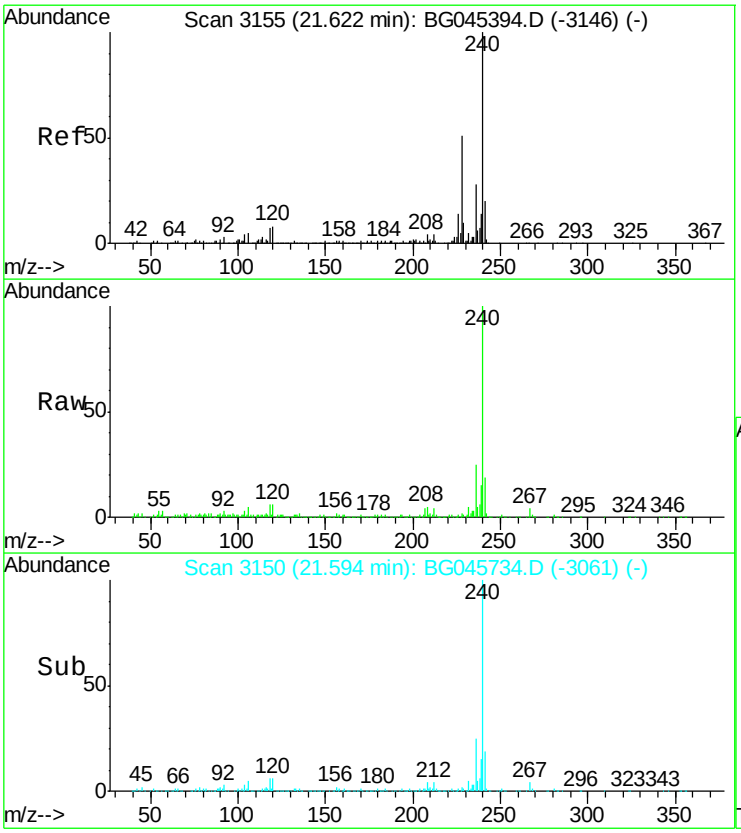
#74
Di-n-butylphthalate
Concen: 3.283 ng
RT: 18.30 min Scan# 2589
Delta R.T. -0.01 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Instrument :
BNA_G
ClientSampleId :
MASON-BRICK-COMP-1

Tgt Ion:149 Resp: 50754

Ion	Ratio	Lower	Upper
149	100		
150	11.4	7.6	11.4
104	7.0	5.0	7.4

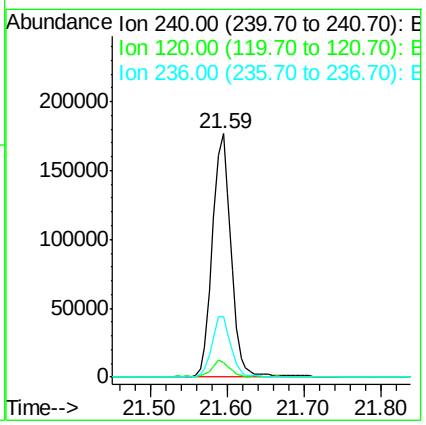


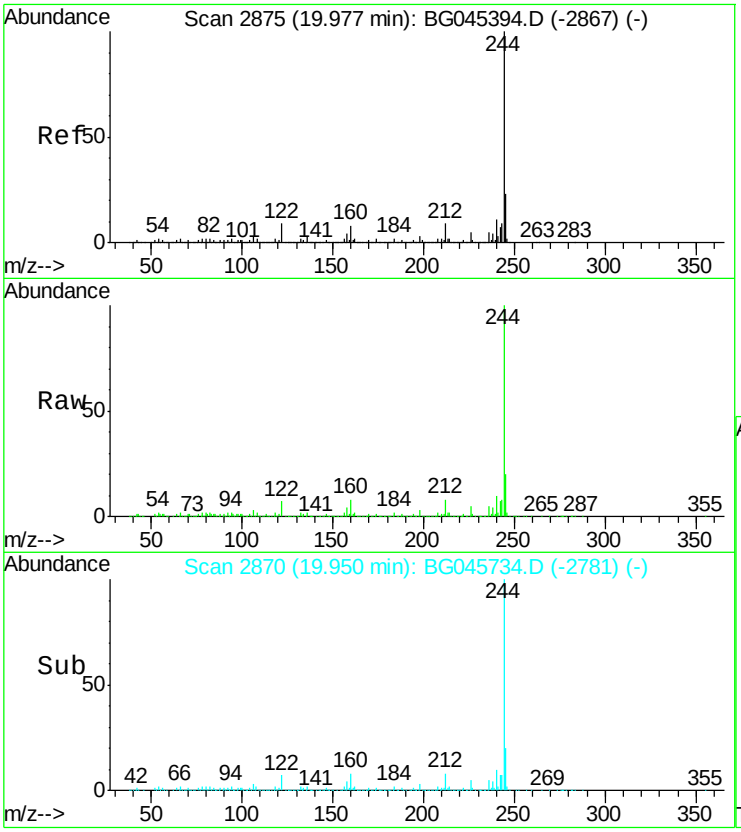


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Tgt Ion:240 Resp: 295487

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.1	9.1#
236	25.0	22.3	33.5



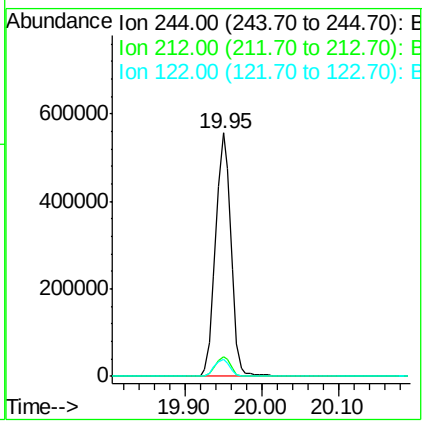


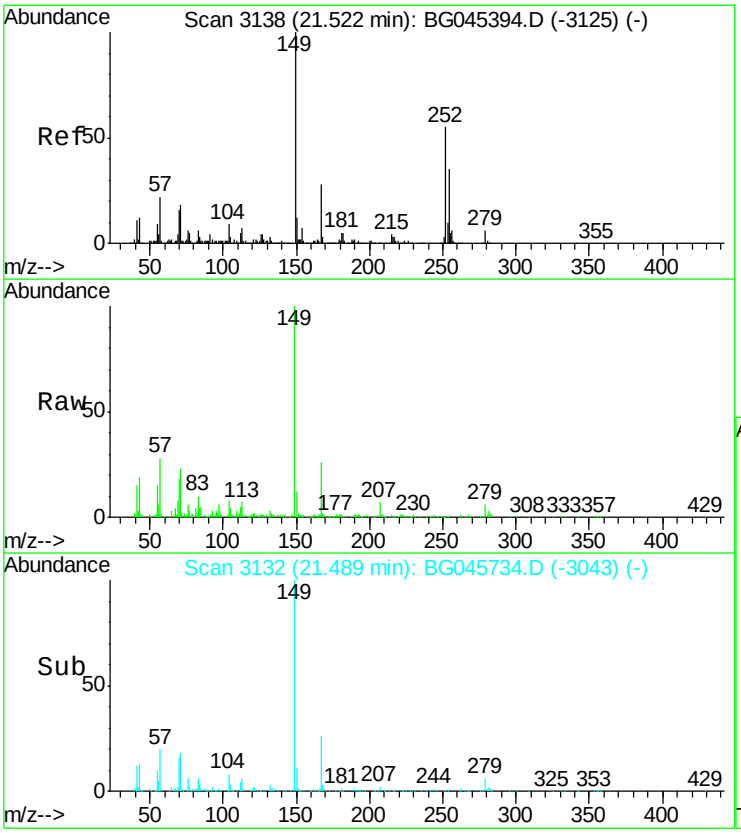
#79
Terphenyl-d14
Concen: 60.535 ng
RT: 19.95 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Instrument :
BNA_G
ClientSampleId :
MASON-BRICK-COMP-1

Tgt Ion:244 Resp: 766939

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.4	11.0
122	7.2	6.8	10.2

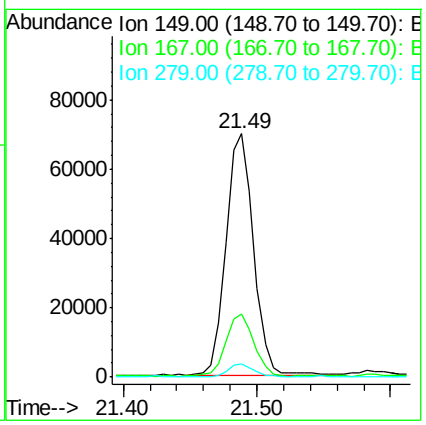


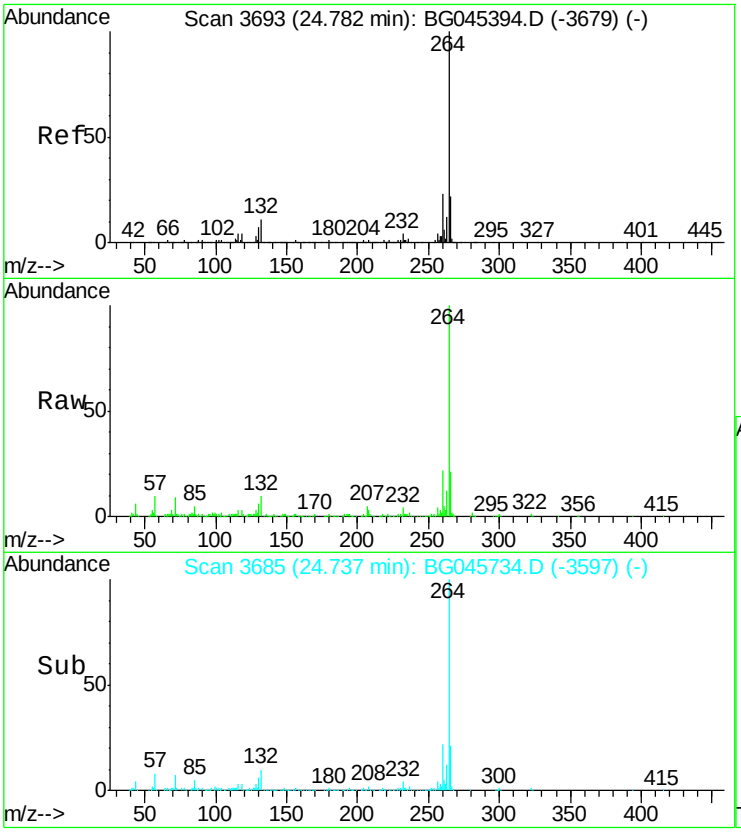


#84
Bis(2-ethylhexyl)phthalate
Concen: 10.111 ng
RT: 21.49 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Tgt Ion:149 Resp: 101050

Ion	Ratio	Lower	Upper
149	100		
167	26.1	22.2	33.2
279	5.7	4.7	7.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.74 min Scan# 3685
Delta R.T. -0.02 min
Lab File: BG045734.D
Acq: 11 Jun 2020 23:40

Instrument :
BNA_G
ClientSampleId :
MASON-BRICK-COMP-1

Tgt Ion:264 Resp: 335977

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	21.1	17.6	26.4