Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045012.D
Acq On : 16 Apr 2020 18:50
Operator : CG/JU
Sample : L2287-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GLOUCESTER-SP

Quant Time: Apr 17 05:05:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 17:57:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	71699	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	310800	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	243619	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	614285	20.00	ng	0.00
76) Chrysene-d12	21.66	240	585975	20.00	ng	0.00
87) Perylene-d12	24.85	264	627687	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	338722	77.99	ng	0.00
7) Phenol-d6	7.18	99	526956	81.67	ng	0.00
23) Nitrobenzene-d5	9.17	82	364681	53.54	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	315940	83.95	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	926633	55.77	ng	0.00
79) Terphenyl-d14	20.01	244	1695014	63.05	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.10	163	111709	5.631	ng	99

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

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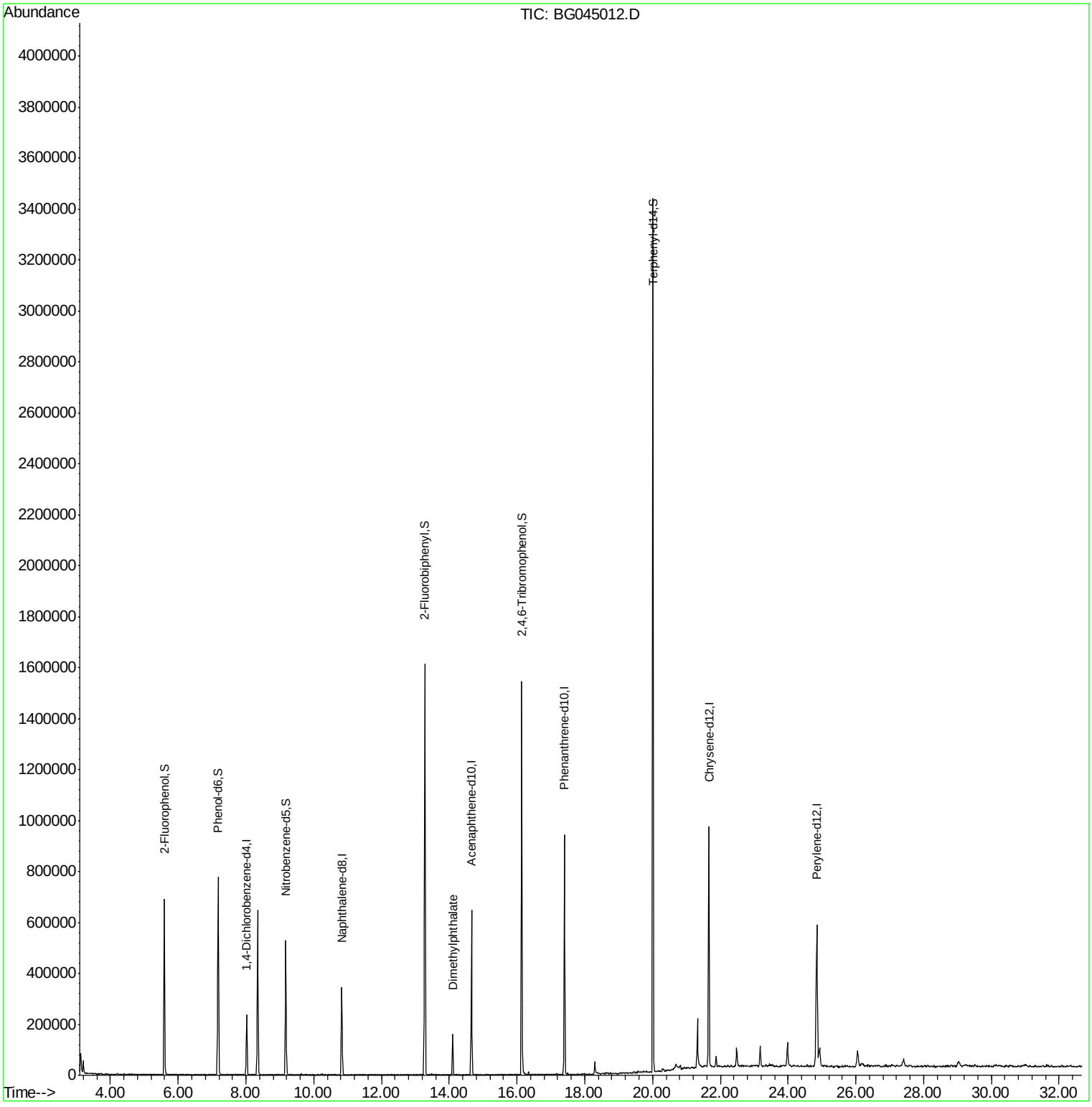
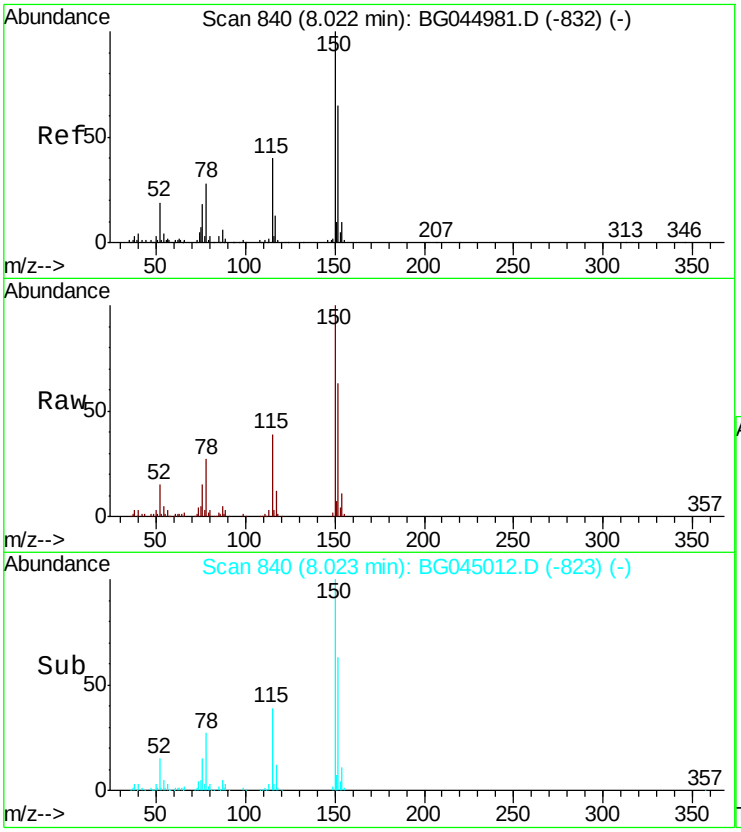


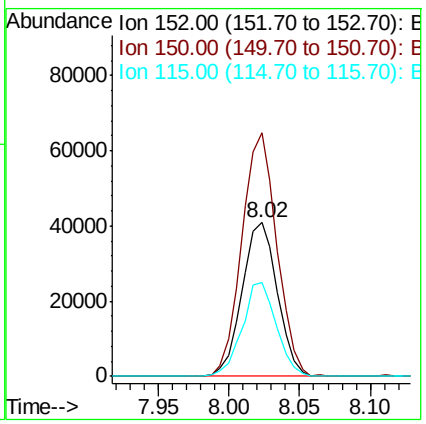


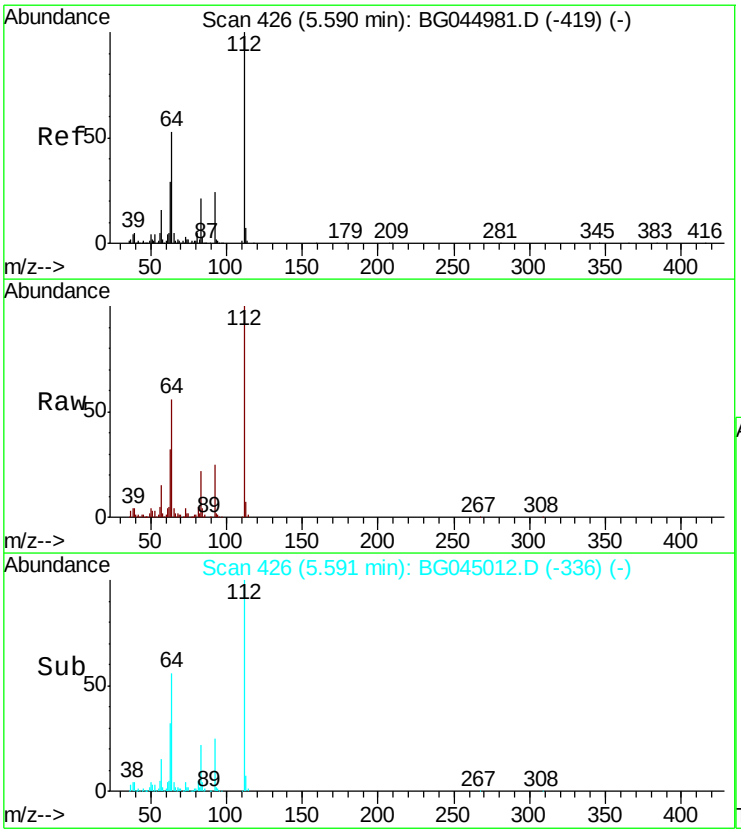
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG045012.D
Acq: 16 Apr 2020 18:50

Instrument :
BNA_G
ClientSampleId :
GLOUCESTER-SP

Tgt Ion:152 Resp: 71699

Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.6	185.4
115	61.3	49.1	73.7

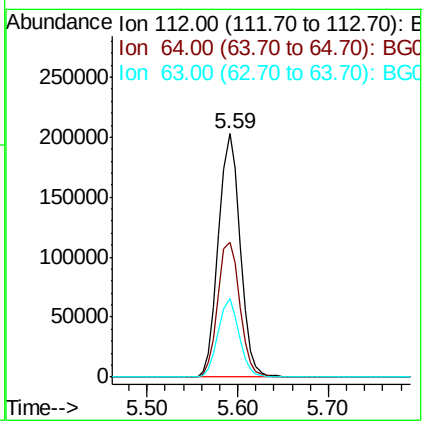


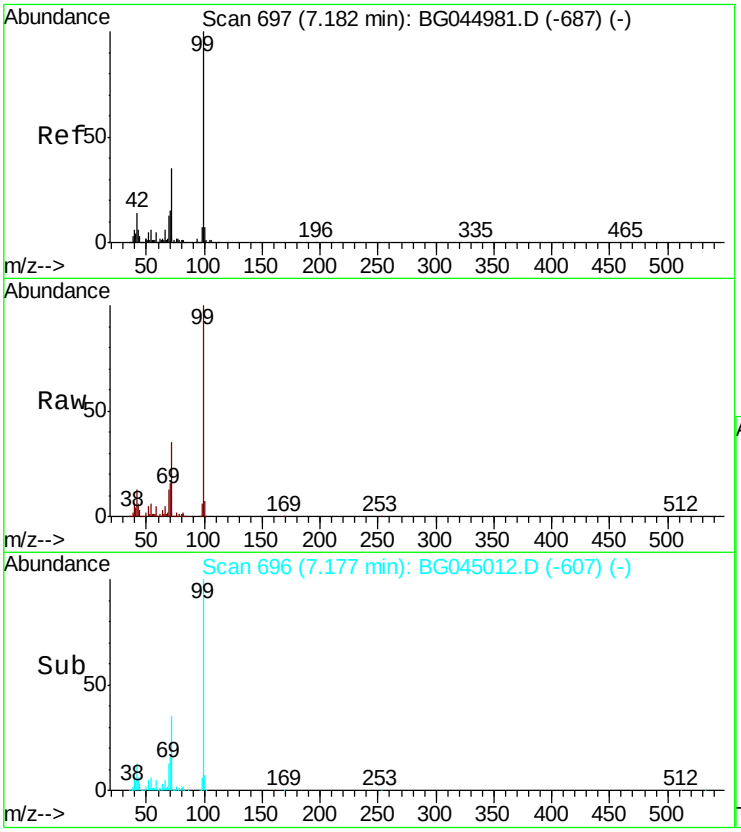


#5
2-Fluorophenol
Concen: 77.994 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG045012.D
Acq: 16 Apr 2020 18:50

Tgt Ion:112 Resp: 338722

Ion	Ratio	Lower	Upper
112	100		
64	55.6	42.4	63.6
63	32.2	23.1	34.7



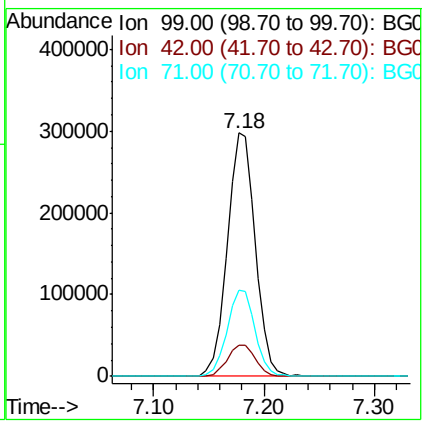


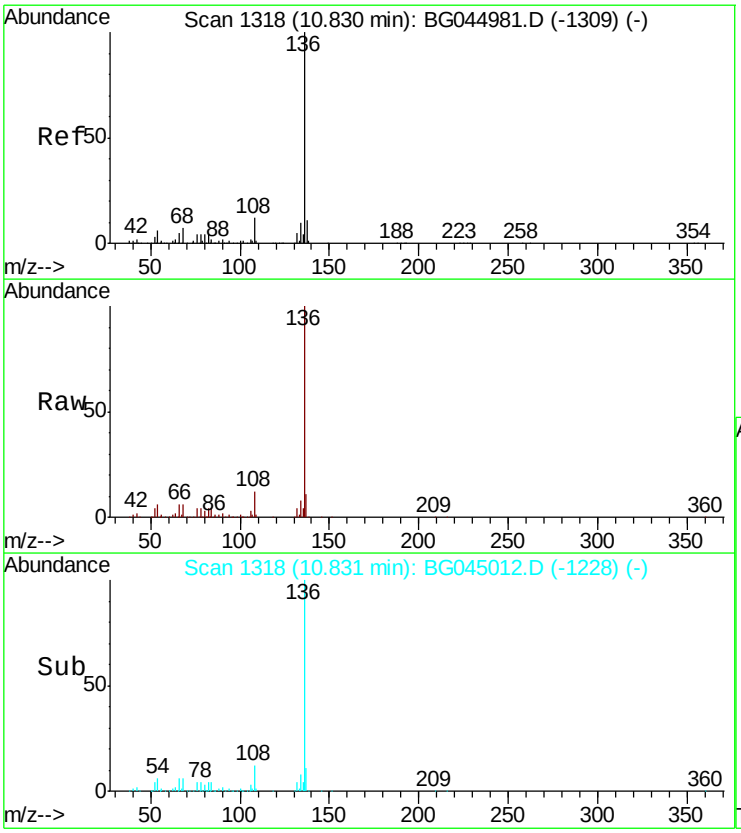
#7
Phenol-d6
Concen: 81.667 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.00 min
Lab File: BG045012.D
Acq: 16 Apr 2020 18:50

Instrument :
BNA_G
ClientSampleId :
GLOUCESTER-SP

Tgt Ion: 99 Resp: 526956

Ion	Ratio	Lower	Upper
99	100		
42	12.9	11.3	16.9
71	35.3	28.3	42.5

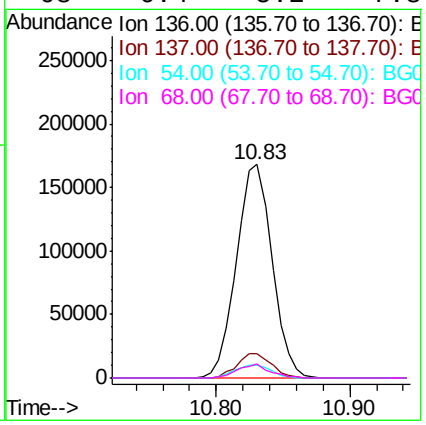


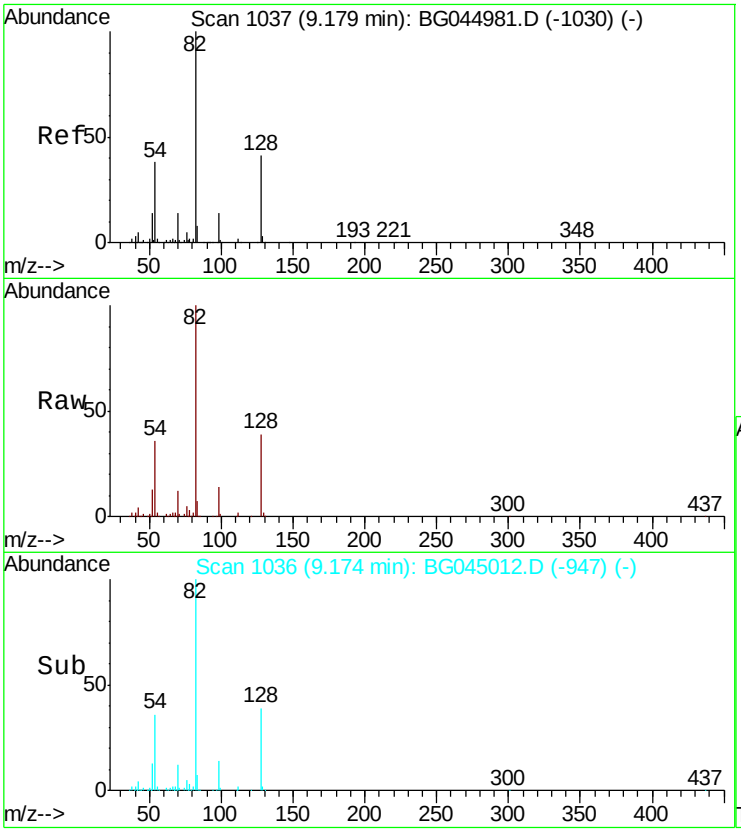


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG045012.D
Acq: 16 Apr 2020 18:50

Tgt Ion:136 Resp: 310800

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	5.9	4.8	7.2
68	6.4	5.2	7.8



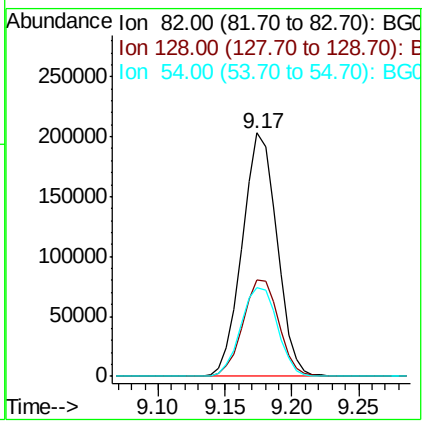


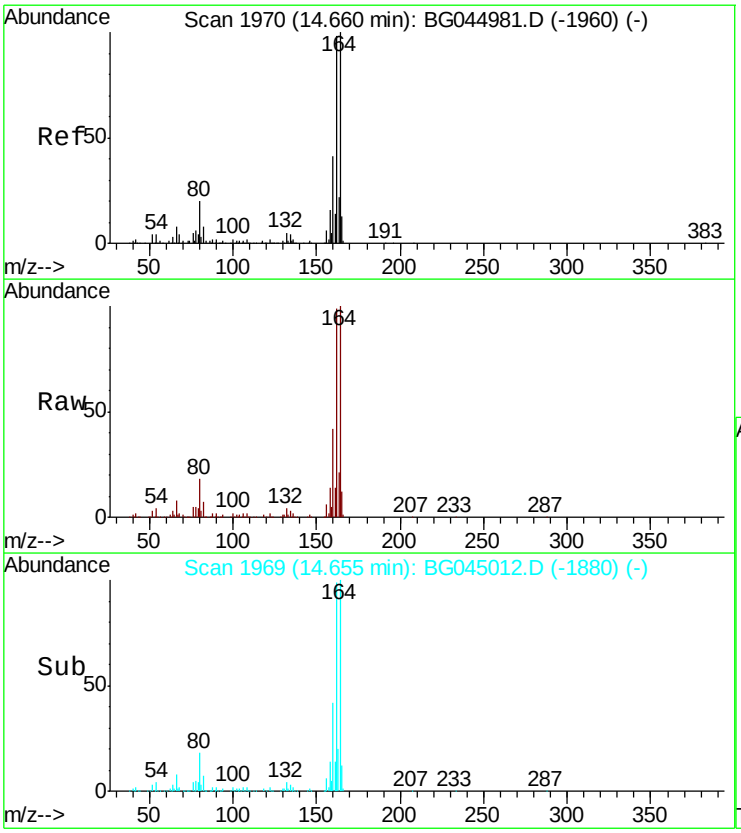
#23
Nitrobenzene-d5
Concen: 53.539 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG045012.D
Acq: 16 Apr 2020 18:50

Instrument :
BNA_G
ClientSampleId :
GLOUCESTER-SP

Tgt Ion: 82 Resp: 364681

Ion	Ratio	Lower	Upper
82	100		
128	39.5	33.0	49.4
54	36.4	30.4	45.6

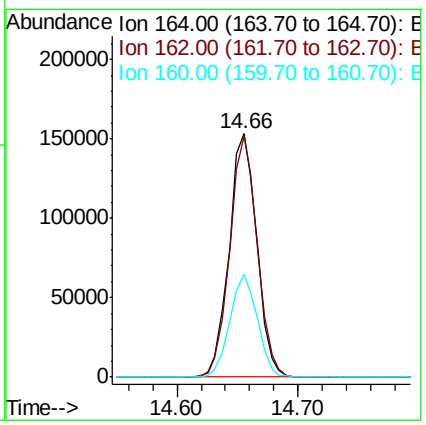


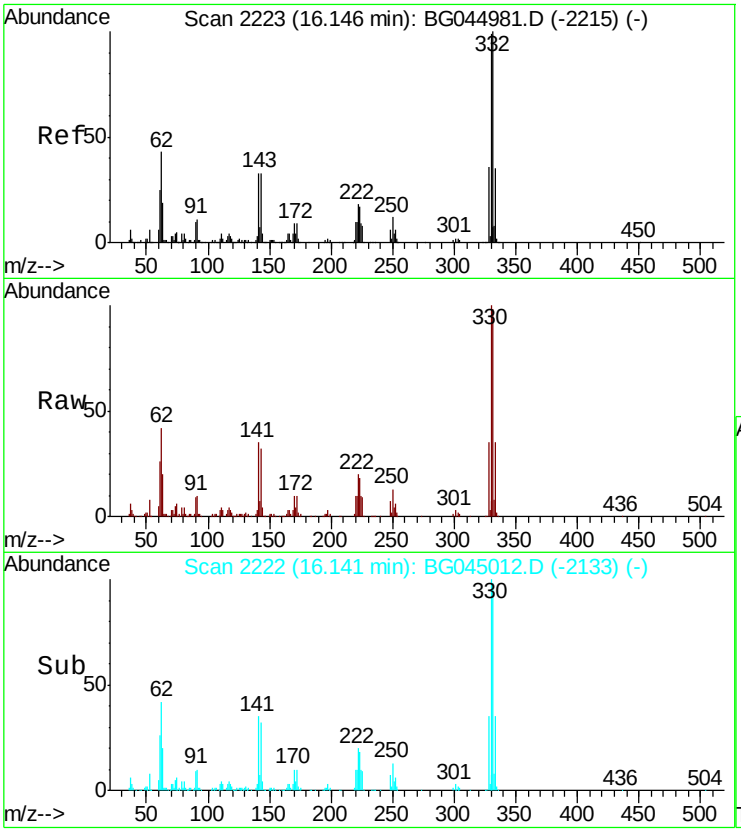


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045012.D
Acq: 16 Apr 2020 18:50

Tgt Ion:164 Resp: 243619

Ion	Ratio	Lower	Upper
164	100		
162	98.7	78.7	118.1
160	42.1	32.8	49.2



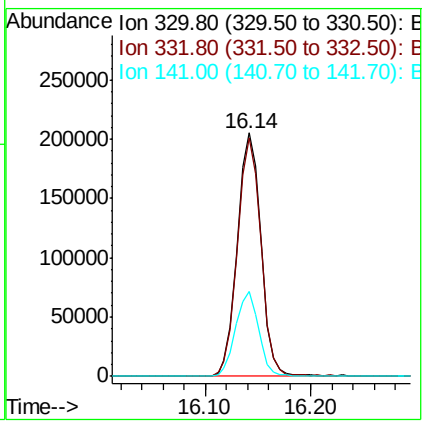


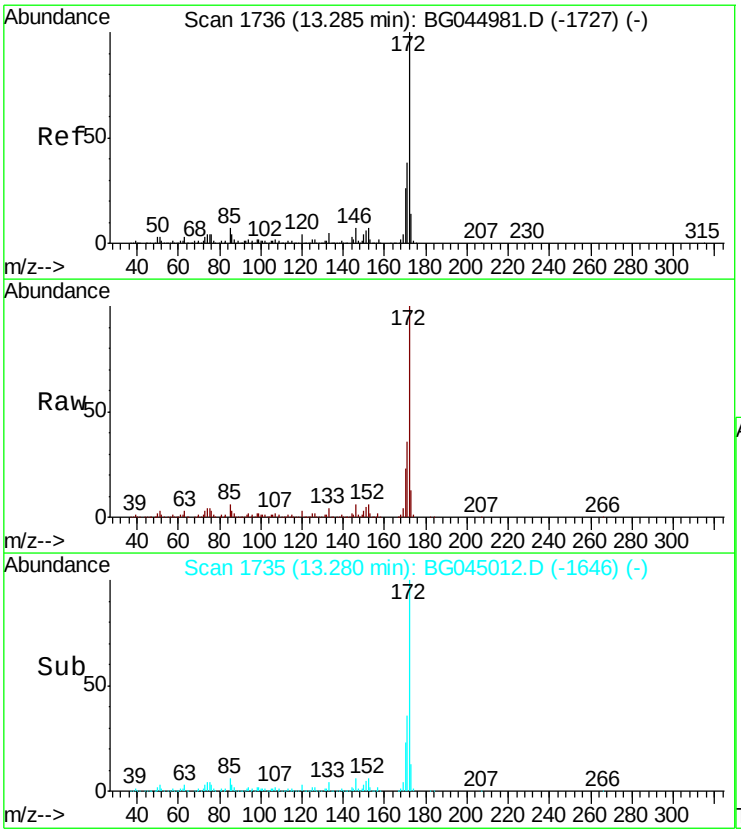
#42
2,4,6-Tribromophenol
Concen: 83.946 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG045012.D
Acq: 16 Apr 2020 18:50

Instrument :
BNA_G
ClientSampleId :
GLOUCESTER-SP

Tgt Ion:330 Resp: 315940

Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.1	118.7
141	34.1	27.1	40.7

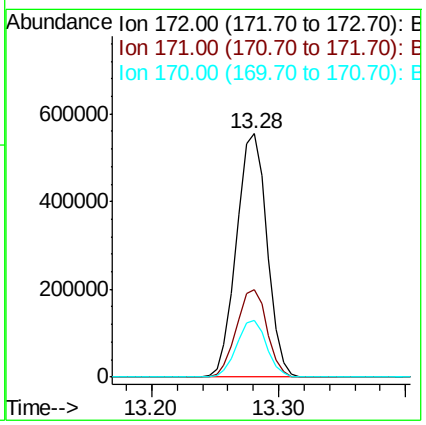


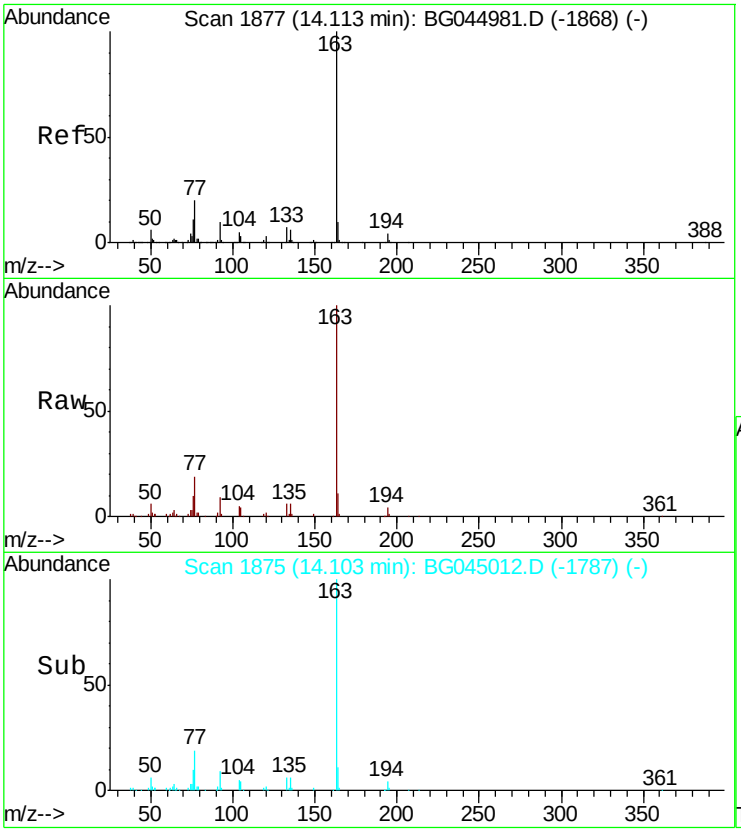


#45
2-Fluorobiphenyl
Concen: 55.773 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045012.D
Acq: 16 Apr 2020 18:50

Tgt Ion:172 Resp: 926633

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.6	46.0
170	23.4	20.5	30.7



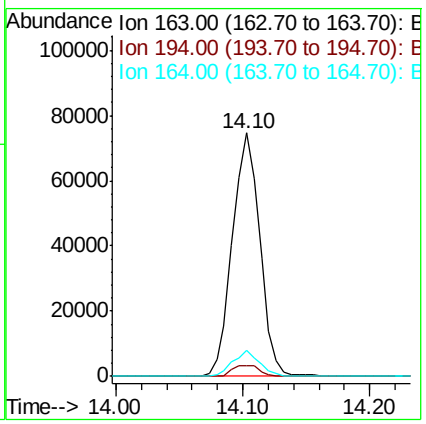


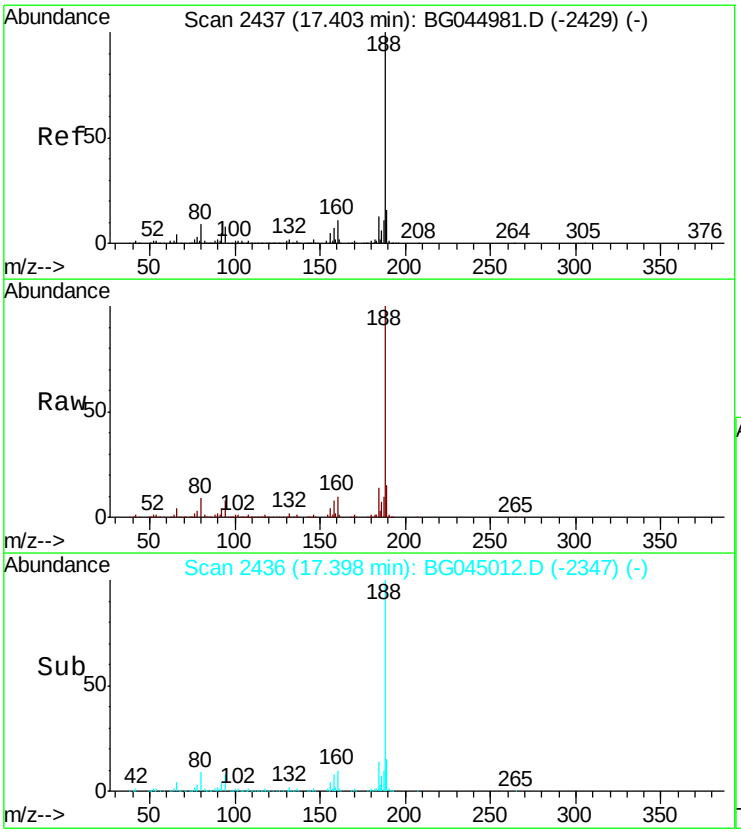
#50
Dimethylphthalate
Concen: 5.631 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG045012.D
Acq: 16 Apr 2020 18:50

Instrument :
BNA_G
ClientSampleId :
GLOUCESTER-SP

Tgt Ion:163 Resp: 111709

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.9	8.2	12.4

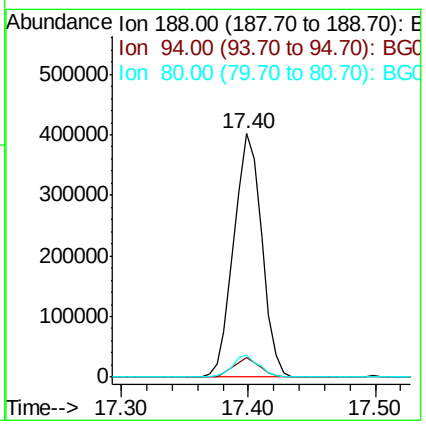


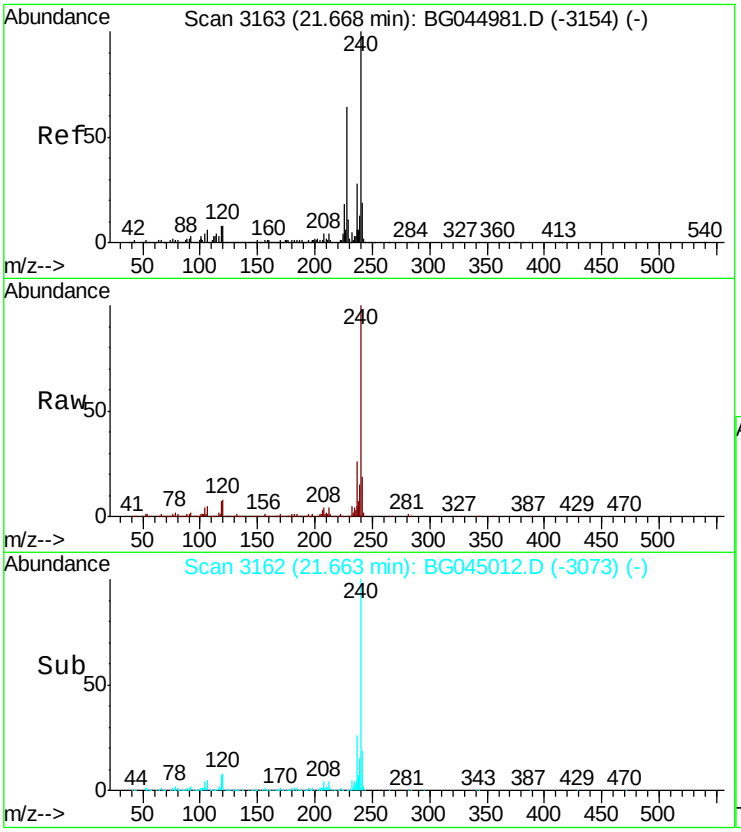


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045012.D
Acq: 16 Apr 2020 18:50

Tgt Ion:188 Resp: 614285

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.4
80	8.9	7.0	10.6



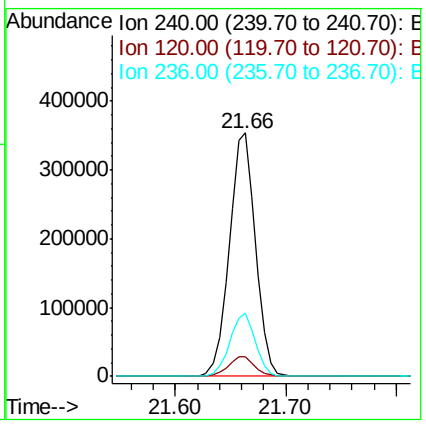


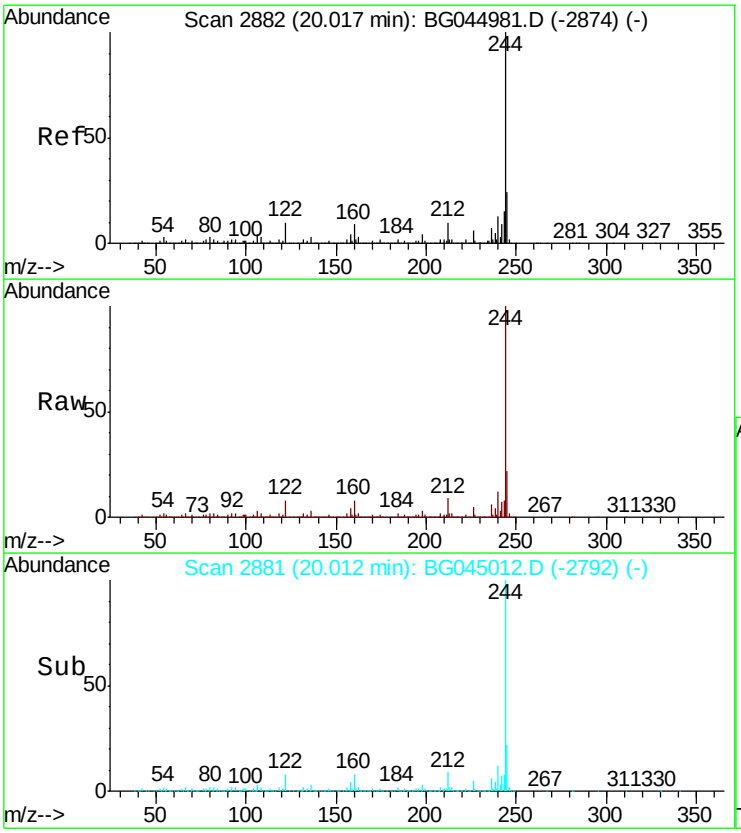
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG045012.D
Acq: 16 Apr 2020 18:50

Instrument :
BNA_G
ClientSampleId :
GLOUCESTER-SP

Tgt Ion:240 Resp: 585975

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.6	10.0
236	25.7	22.2	33.2

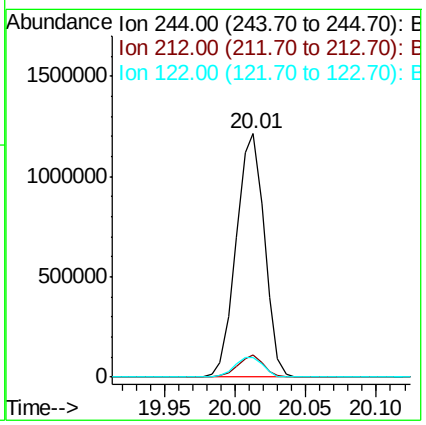


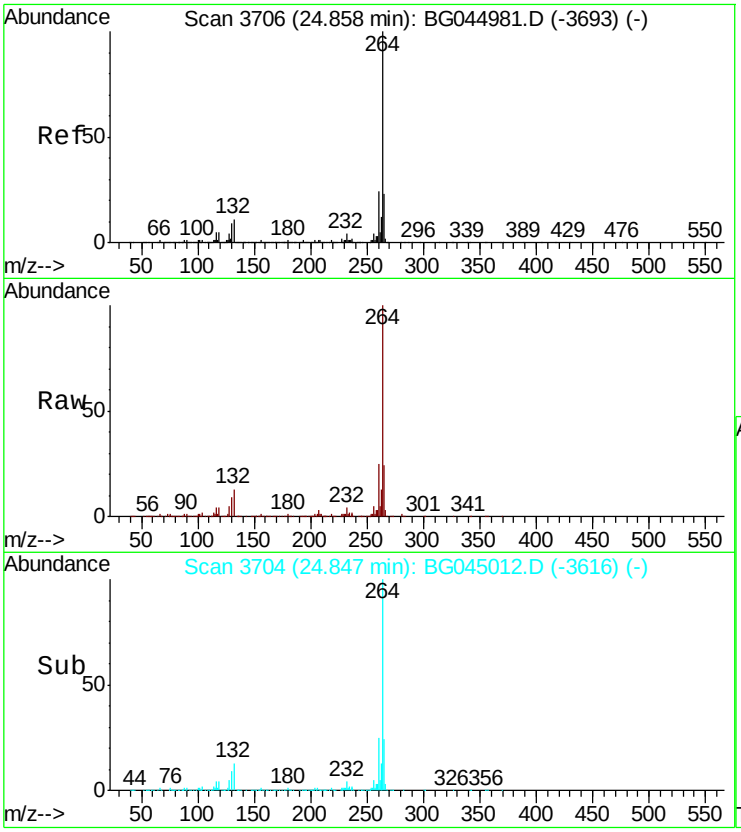


#79
Terphenyl-d14
Concen: 63.047 ng
RT: 20.01 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG045012.D
Acq: 16 Apr 2020 18:50

Tgt Ion:244 Resp: 1695014

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.9	11.9
122	8.2	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG045012.D
Acq: 16 Apr 2020 18:50

Instrument :
BNA_G
ClientSampleId :
GLOUCESTER-SP

Tgt Ion:264 Resp: 627687

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	23.6	19.0	28.4