Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040241.D
Acq On : 30 Mar 2019 1:16
Operator : JU/SJ
Sample : K2111-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S5(17-25)COMP

Quant Time: Mar 30 04:58:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55997	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	239417	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	161775	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	420709	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	414705	20.00	ng	-0.02
87) Perylene-d12	25.01	264	413275	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	489598	145.35	ng	0.00
7) Phenol-d6	7.21	99	709431	152.40	ng	-0.01
23) Nitrobenzene-d5	9.23	82	412450	91.57	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	287691	164.55	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	960736	88.00	ng	-0.01
79) Terphenyl-d14	20.04	244	1492610	80.97	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	14.13	163	88531	6.992	ng	99

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

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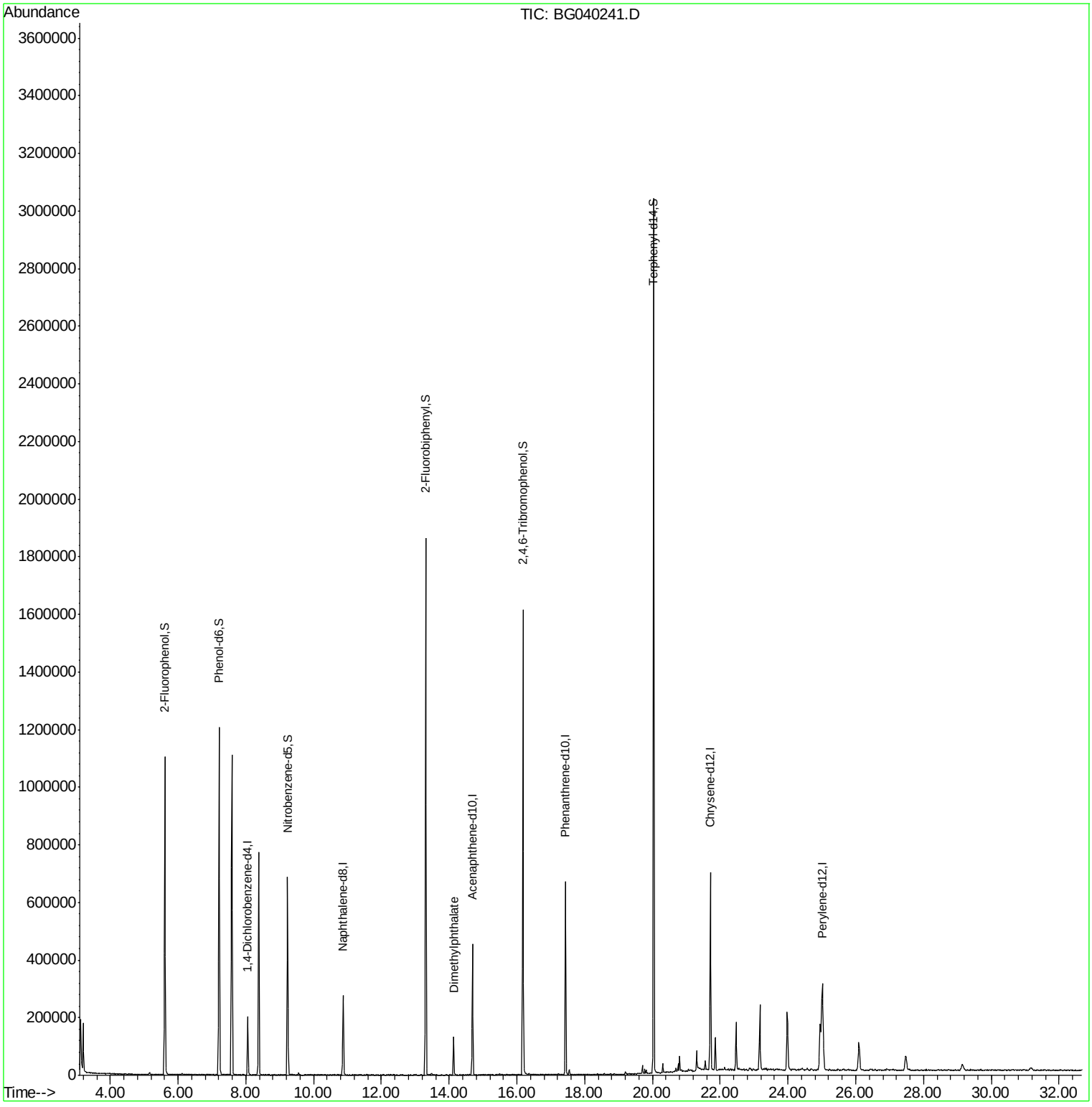
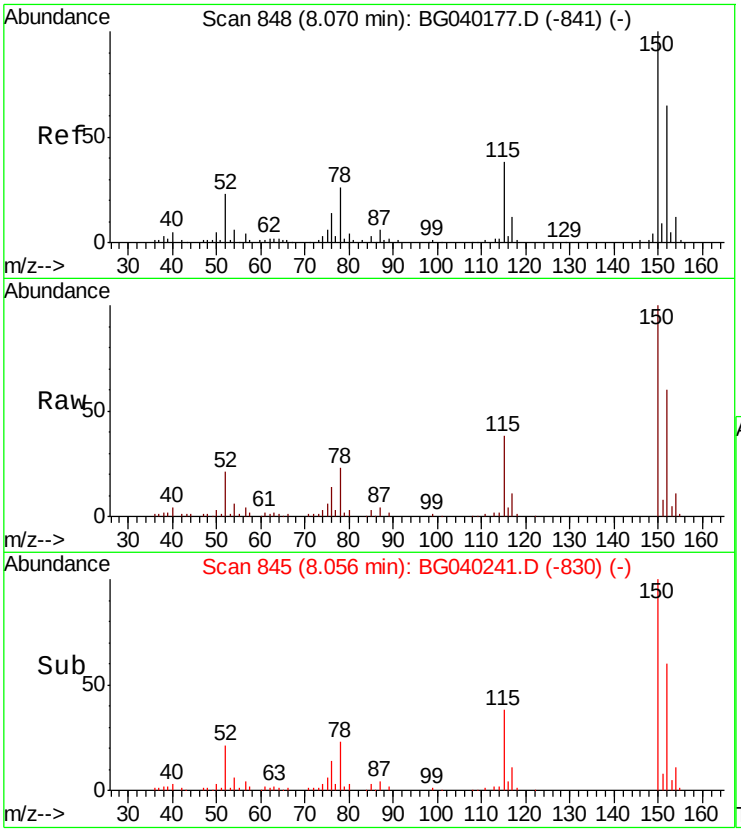


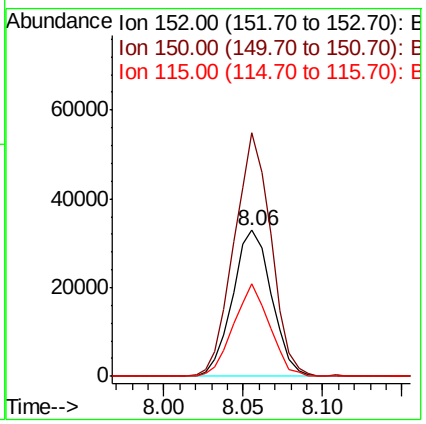


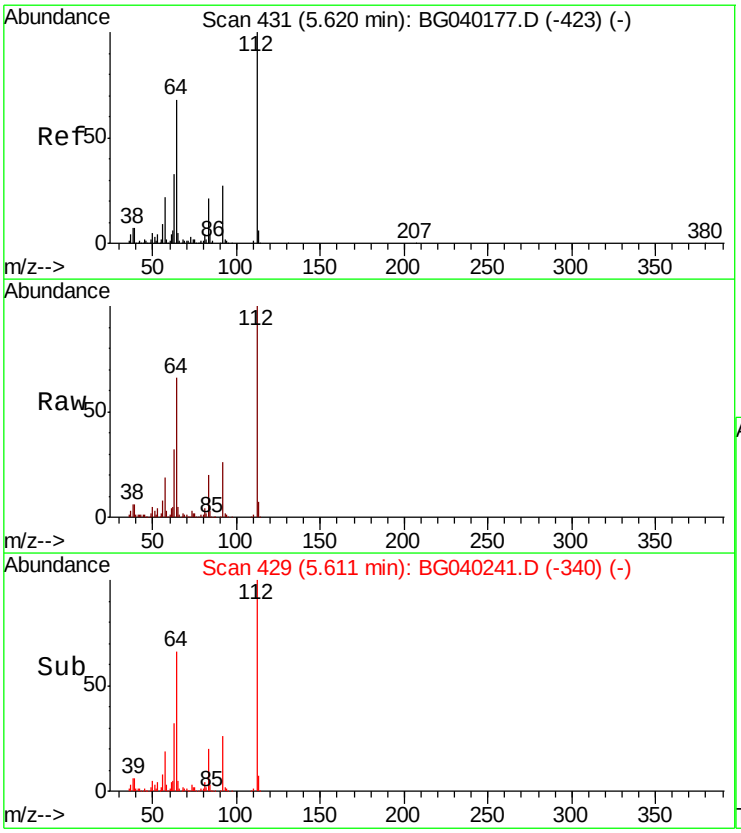
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG040241.D
Acq: 30 Mar 2019 1:16

Instrument :
BNA_G
ClientSampleId :
S5(17-25)COMP

Tgt Ion:152 Resp: 55997

Ion	Ratio	Lower	Upper
152	100		
150	167.0	123.7	185.5
115	63.7	46.9	70.3

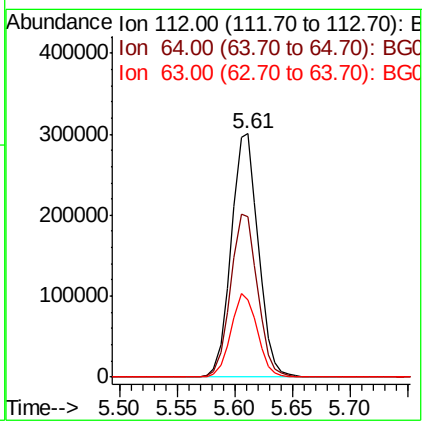


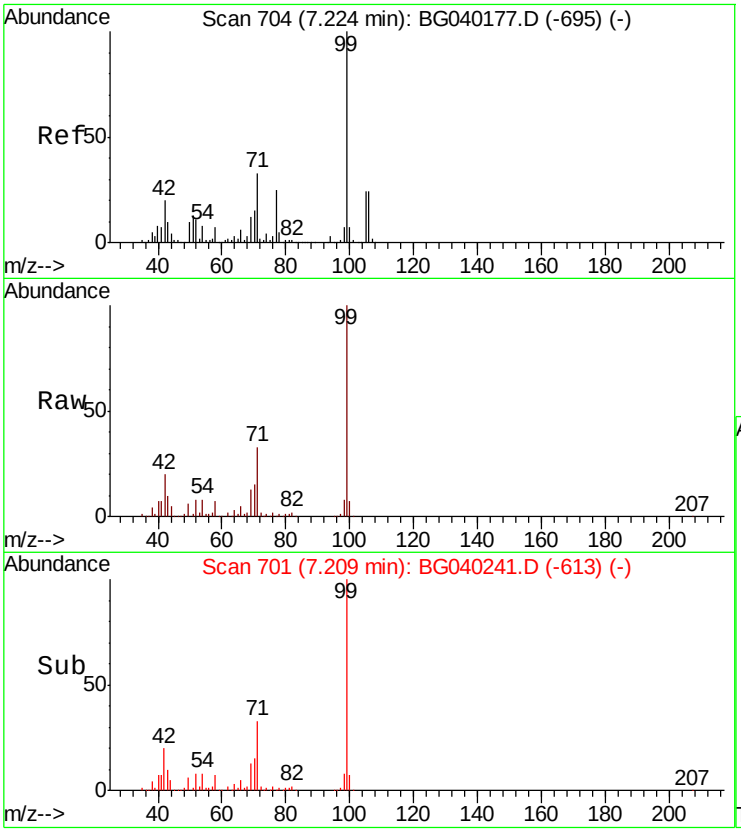


#5
2-Fluorophenol
Concen: 145.350 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040241.D
Acq: 30 Mar 2019 1:16

Tgt Ion:112 Resp: 489598

Ion	Ratio	Lower	Upper
112	100		
64	65.6	54.2	81.2
63	31.6	26.4	39.6



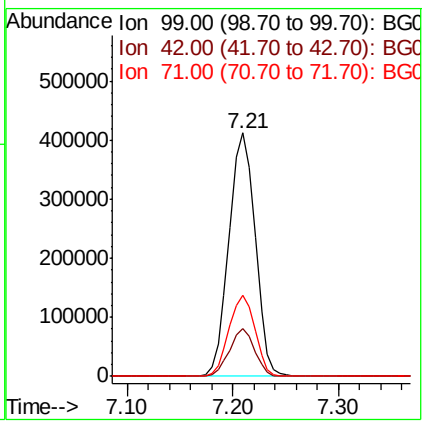


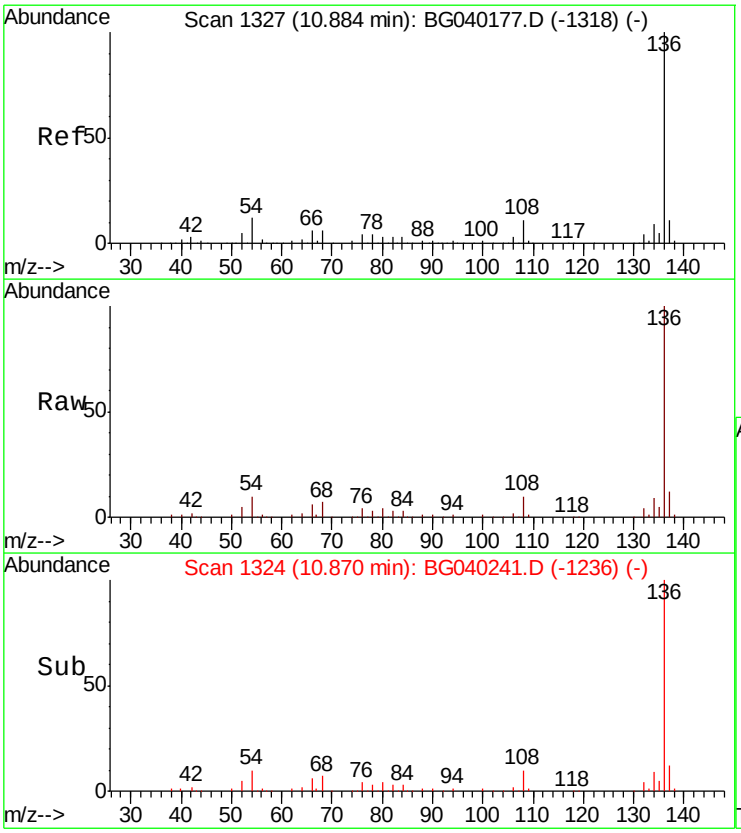
#7
Phenol-d6
Concen: 152.395 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BG040241.D
Acq: 30 Mar 2019 1:16

Instrument :
BNA_G
ClientSampleId :
S5(17-25)COMP

Tgt Ion: 99 Resp: 709431

Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.2	24.2
71	33.5	26.8	40.2

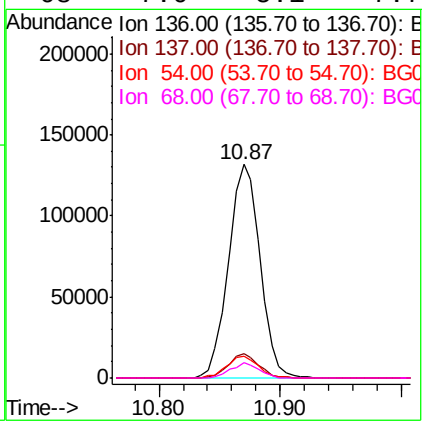


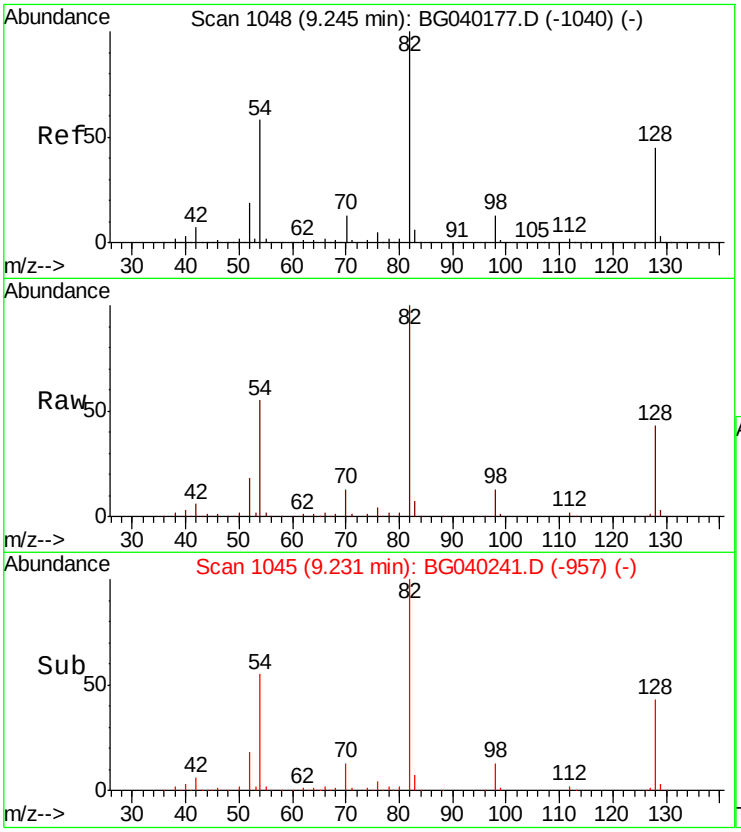


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG040241.D
Acq: 30 Mar 2019 1:16

Tgt Ion:136 Resp: 239417

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	10.0	9.6	14.4
68	7.0	5.1	7.7



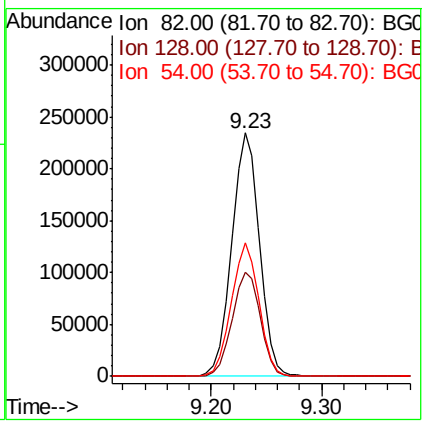


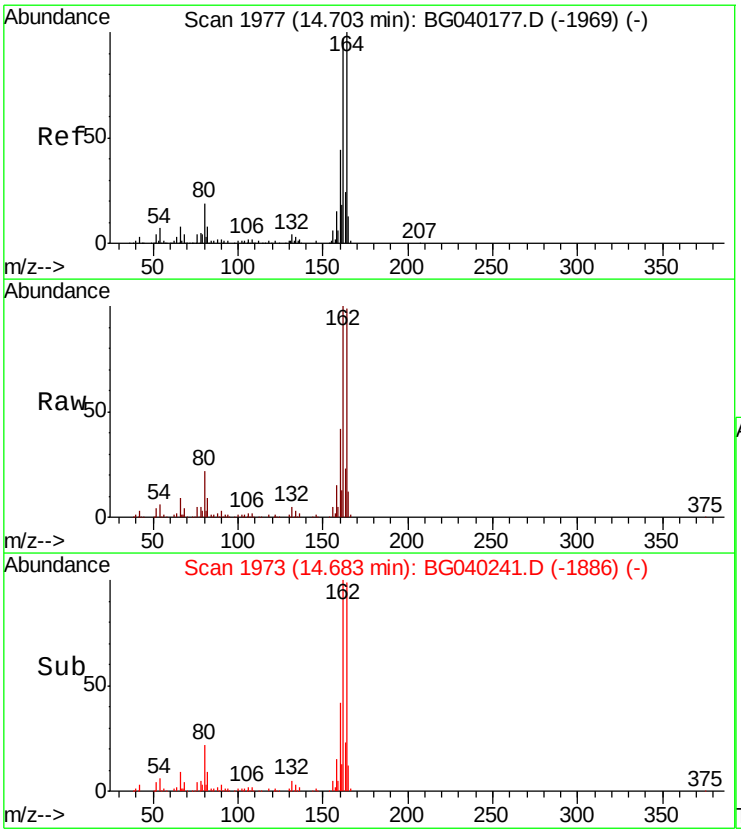
#23
Nitrobenzene-d5
Concen: 91.569 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG040241.D
Acq: 30 Mar 2019 1:16

Instrument :
BNA_G
ClientSampleId :
S5(17-25)COMP

Tgt Ion: 82 Resp: 412450

Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.8	53.8
54	54.9	46.2	69.2

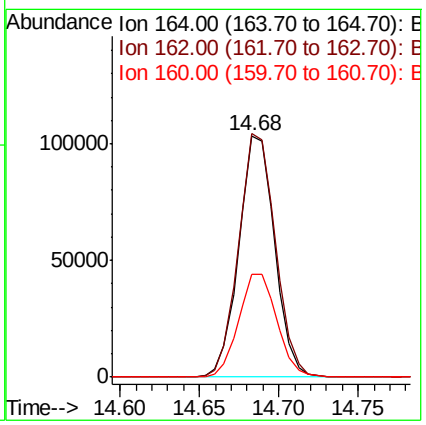


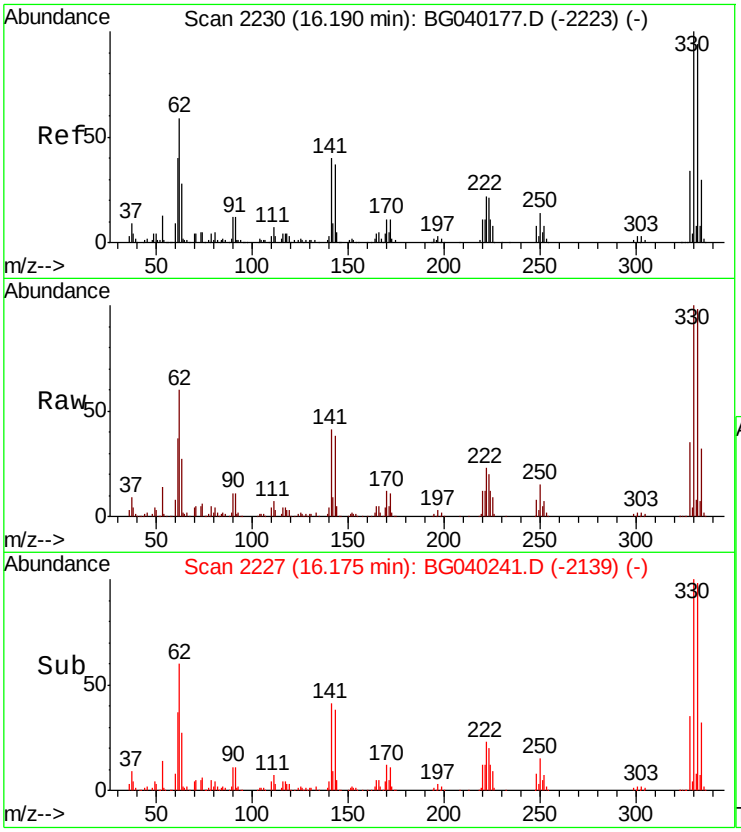


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040241.D
Acq: 30 Mar 2019 1:16

Tgt Ion:164 Resp: 161775

Ion	Ratio	Lower	Upper
164	100		
162	100.9	77.4	116.2
160	42.5	35.3	52.9



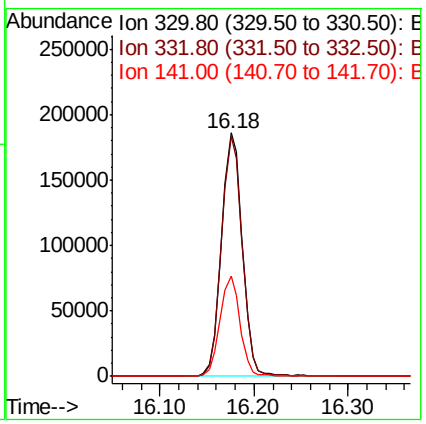


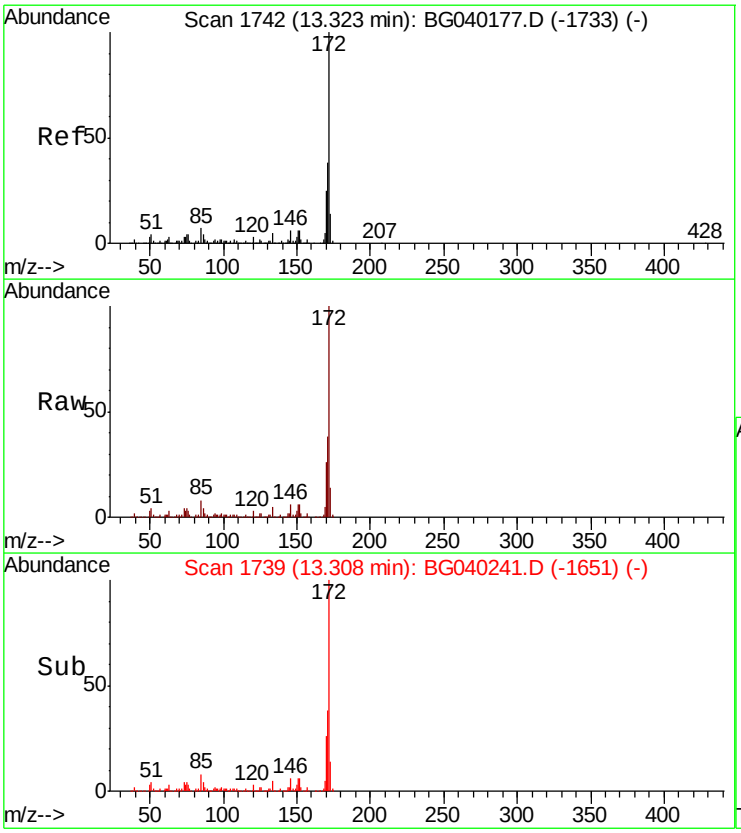
#42
2,4,6-Tribromophenol
Concen: 164.548 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG040241.D
Acq: 30 Mar 2019 1:16

Instrument :
BNA_G
ClientSampleId :
S5(17-25)COMP

Tgt Ion:330 Resp: 287691

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	115.0
141	39.8	32.6	48.8

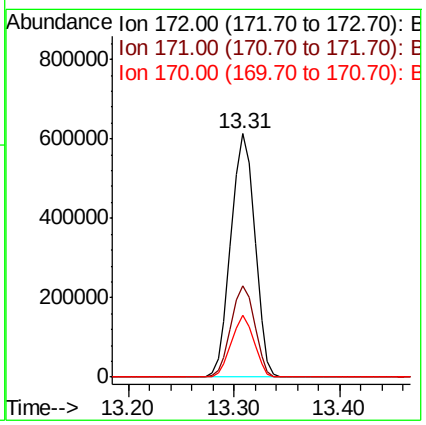


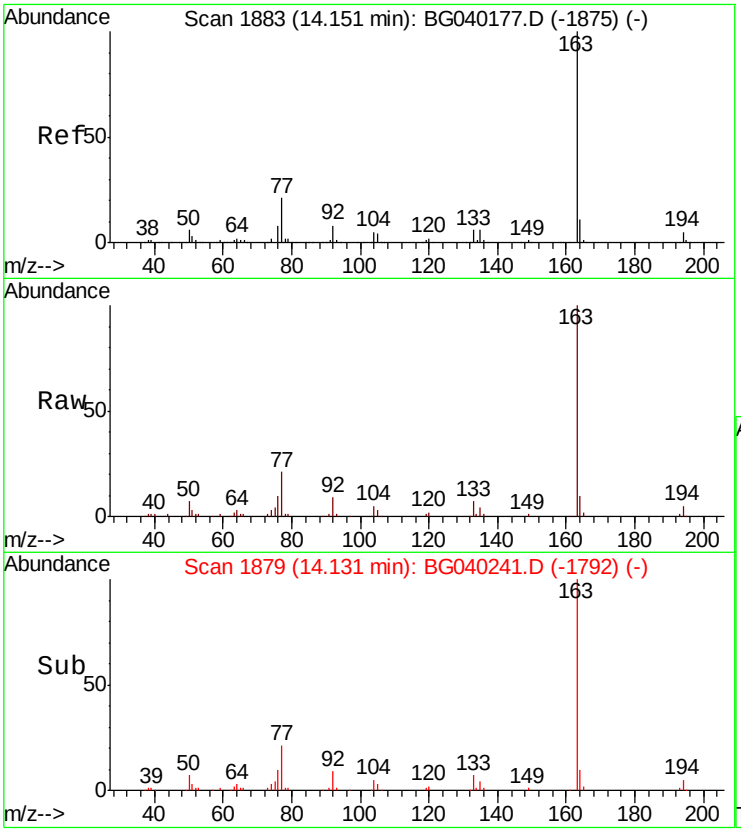


#45
2-Fluorobiphenyl
Concen: 87.998 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG040241.D
Acq: 30 Mar 2019 1:16

Tgt Ion:172 Resp: 960736

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.5	45.7
170	25.6	20.1	30.1



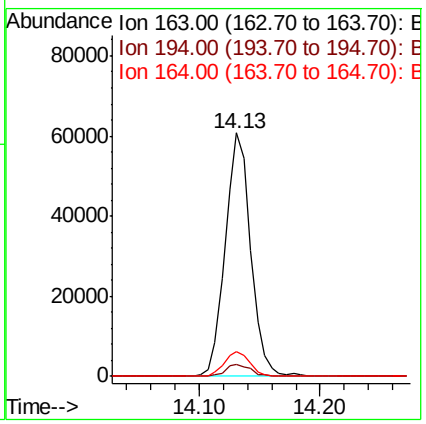


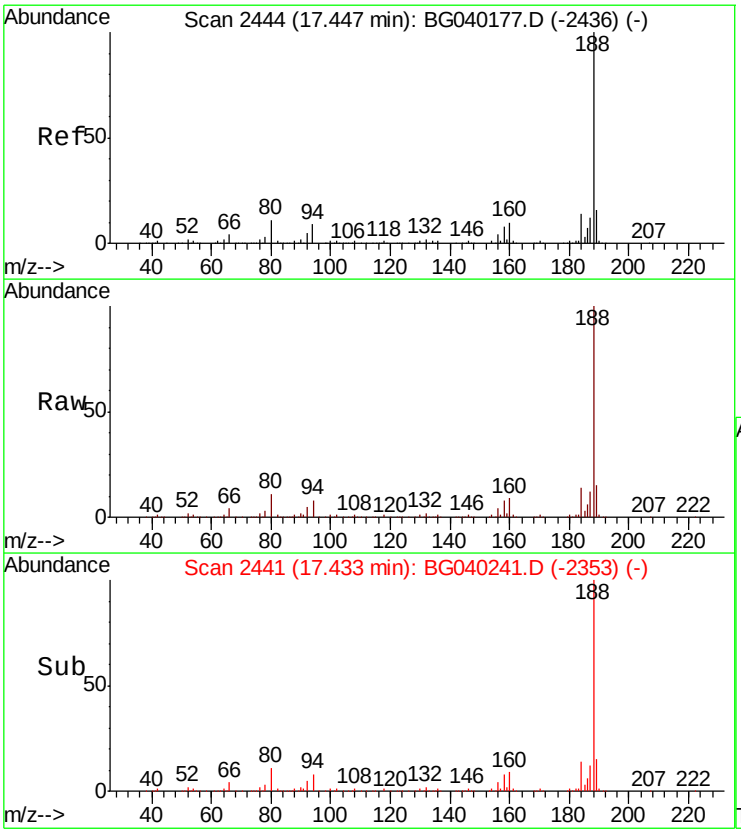
#50
Dimethylphthalate
Concen: 6.992 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG040241.D
Acq: 30 Mar 2019 1:16

Instrument :
BNA_G
ClientSampleId :
S5(17-25)COMP

Tgt Ion:163 Resp: 88531

Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.1	6.1
164	10.2	8.6	13.0

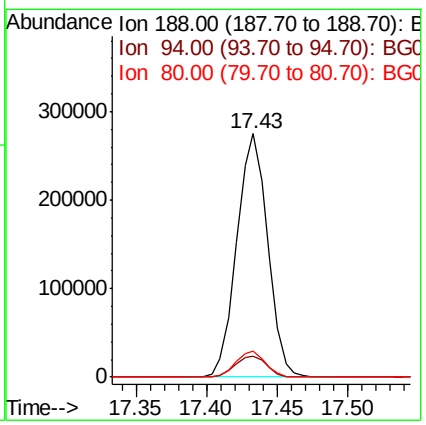


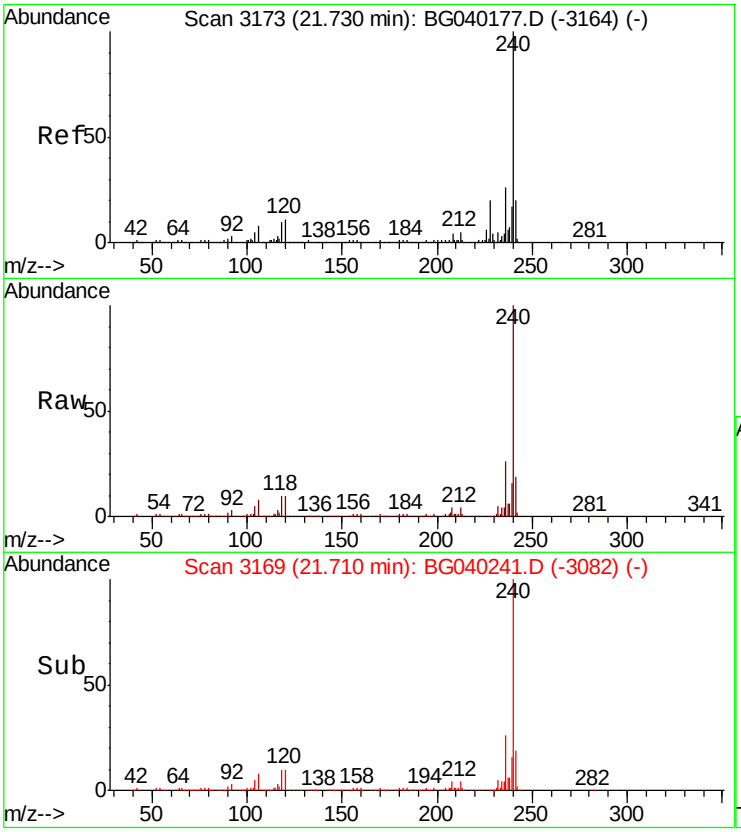


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG040241.D
Acq: 30 Mar 2019 1:16

Tgt Ion:188 Resp: 420709

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.4
80	10.6	8.6	13.0



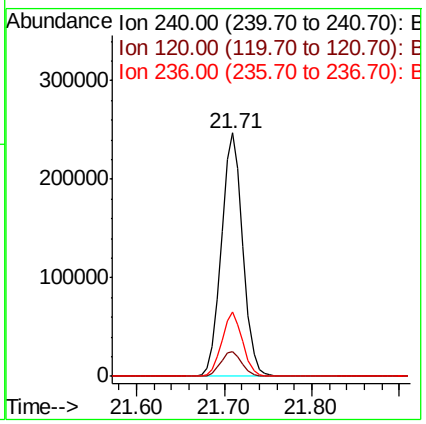


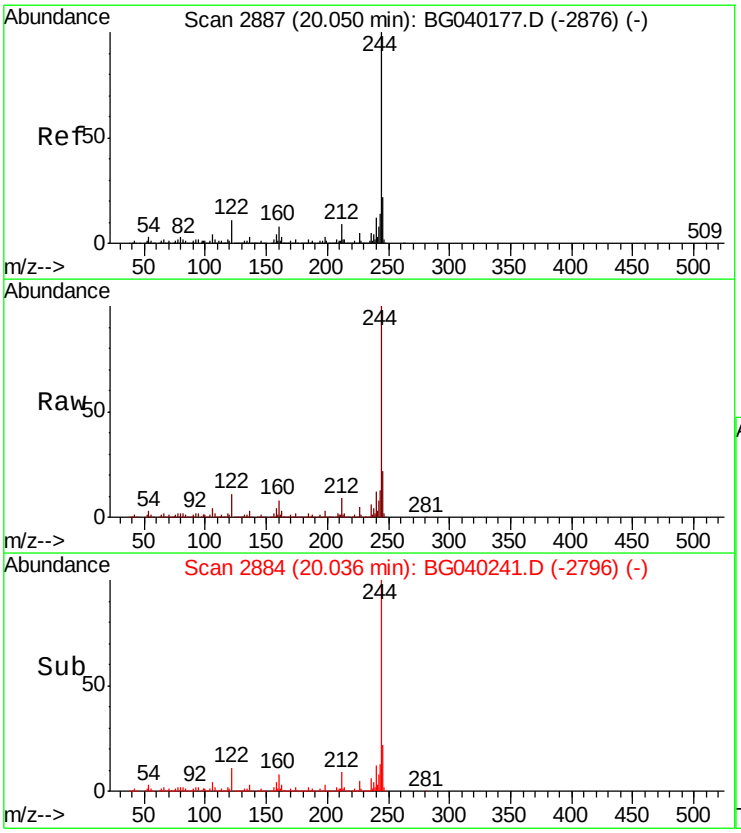
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040241.D
Acq: 30 Mar 2019 1:16

Instrument :
BNA_G
ClientSampleId :
S5(17-25)COMP

Tgt Ion:240 Resp: 414705

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.4	12.6
236	26.3	20.8	31.2

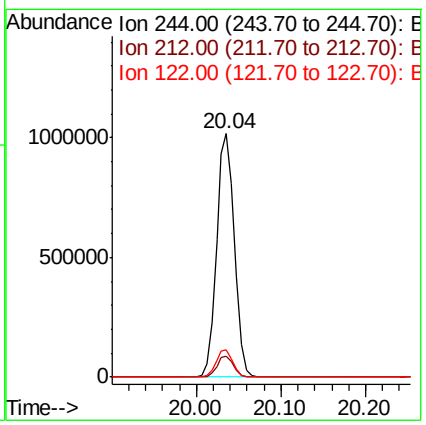


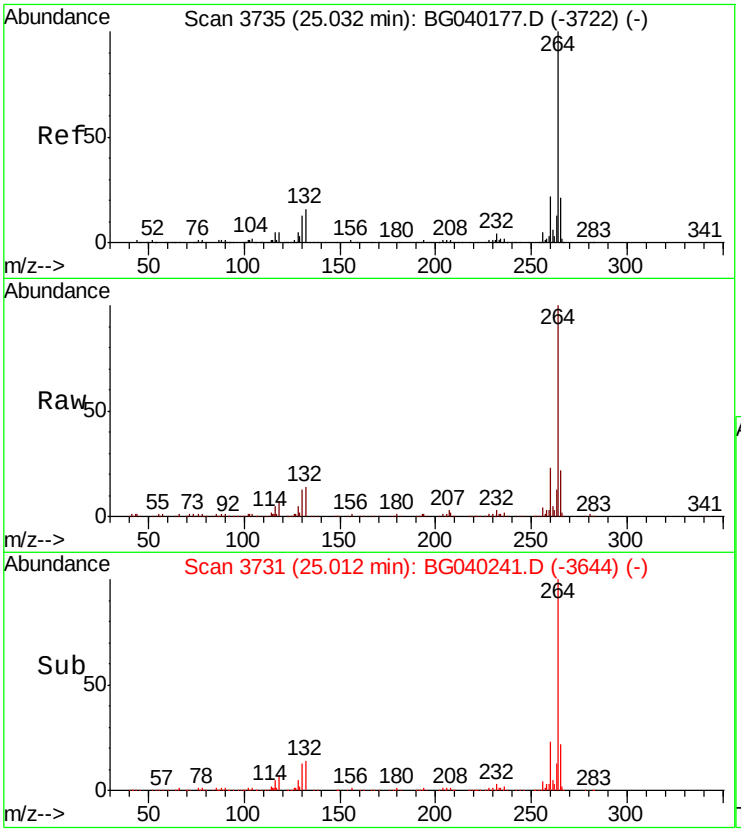


#79
Terphenyl-d14
Concen: 80.970 ng
RT: 20.04 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG040241.D
Acq: 30 Mar 2019 1:16

Tgt Ion:244 Resp: 1492610

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	11.4	8.5	12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.02 min
Lab File: BG040241.D
Acq: 30 Mar 2019 1:16

Instrument :
BNA_G
ClientSampleId :
S5(17-25)COMP

Tgt Ion:264 Resp: 413275

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.9	26.9
265	22.5	16.8	25.2