Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
Data File : BG040298.D
Acq On : 2 Apr 2019 13:48
Operator : JU/SJ
Sample : K2205-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CONCRETE-B

Quant Time: Apr 02 15:13:35 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	8.05	152	56859	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	247060	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	174515	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	428535	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	418178	20.00	ng	-0.02
87) Perylene-d12	25.02	264	419289	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	373675	109.25	ng	-0.01
7) Phenol-d6	7.21	99	591148	125.06	ng	-0.02
23) Nitrobenzene-d5	9.23	82	341592	73.49	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	155854	82.64	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	897936	76.24	ng	-0.02
79) Terphenyl-d14	20.03	244	1392816	74.93	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	14.13	163	54172	3.966	ng	96

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

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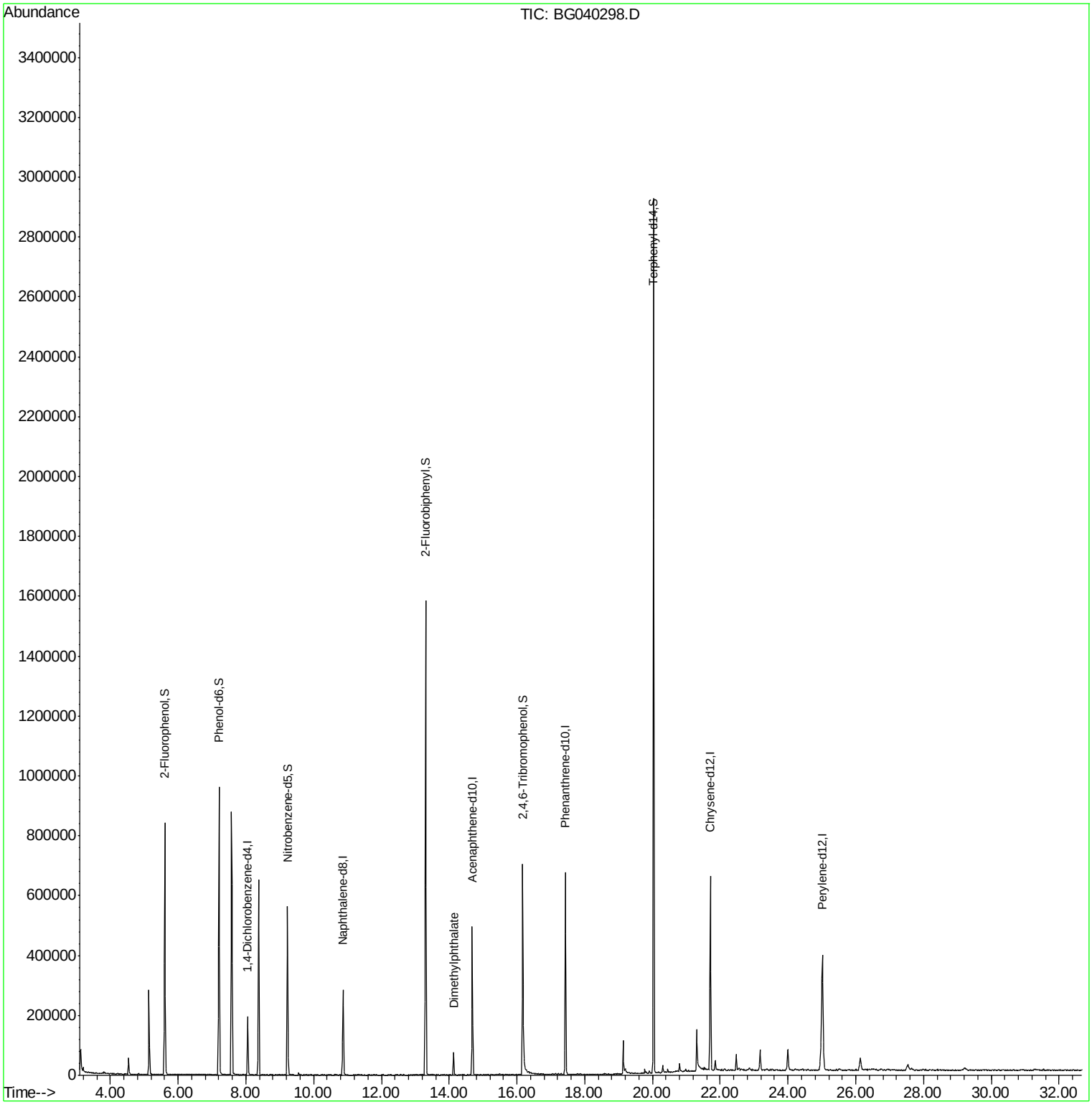
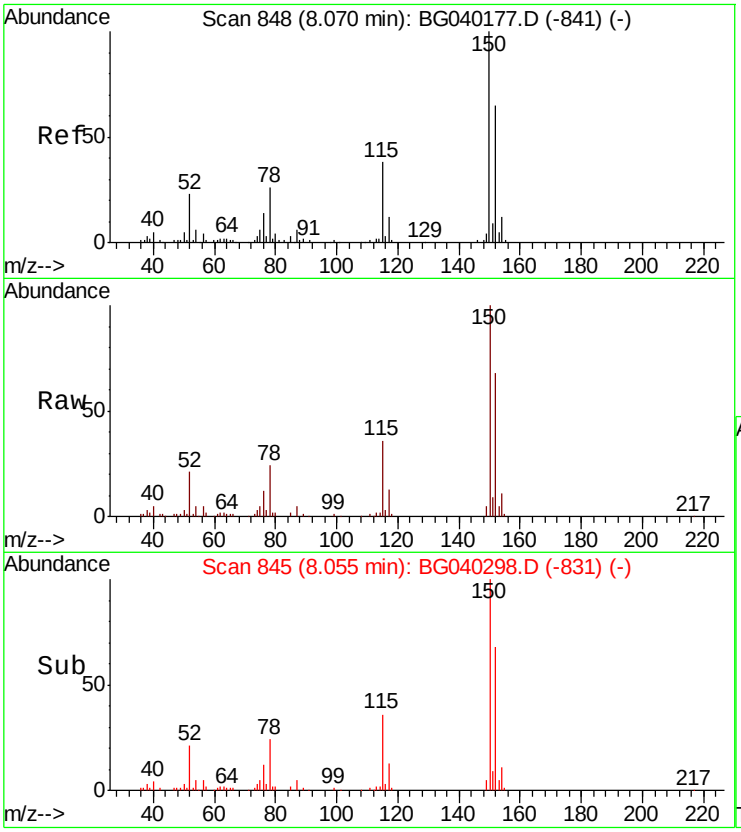


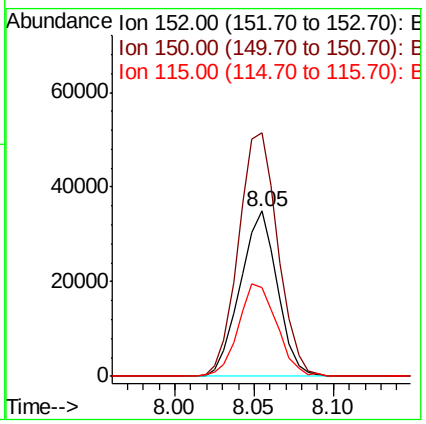


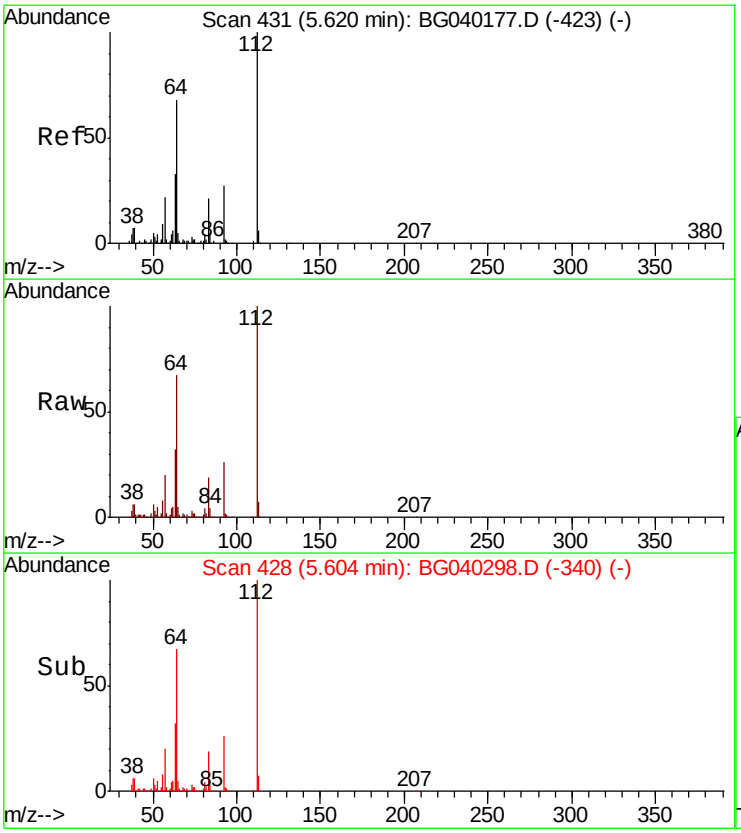
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040298.D
Acq: 2 Apr 2019 13:48

Instrument :
BNA_G
ClientSampleId :
CONCRETE-B

Tgt Ion:152 Resp: 56859

Ion	Ratio	Lower	Upper
152	100		
150	147.6	123.7	185.5
115	53.5	46.9	70.3

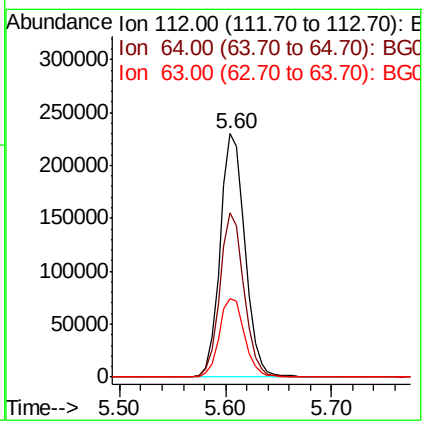


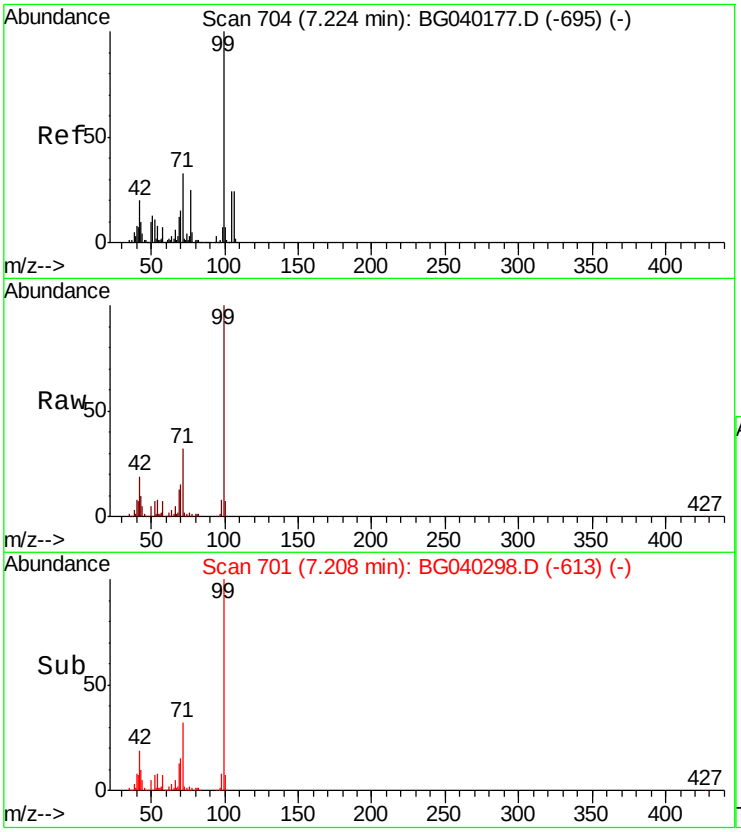


#5
2-Fluorophenol
Concen: 109.253 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040298.D
Acq: 2 Apr 2019 13:48

Tgt Ion:112 Resp: 373675

Ion	Ratio	Lower	Upper
112	100		
64	67.4	54.2	81.2
63	32.2	26.4	39.6



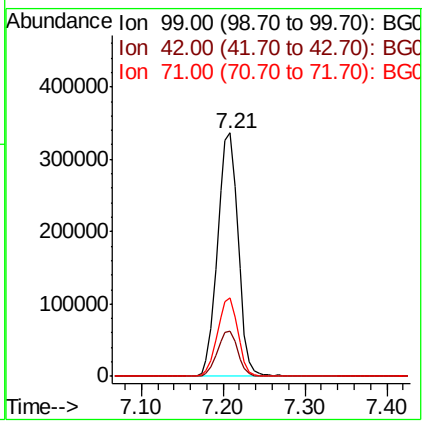


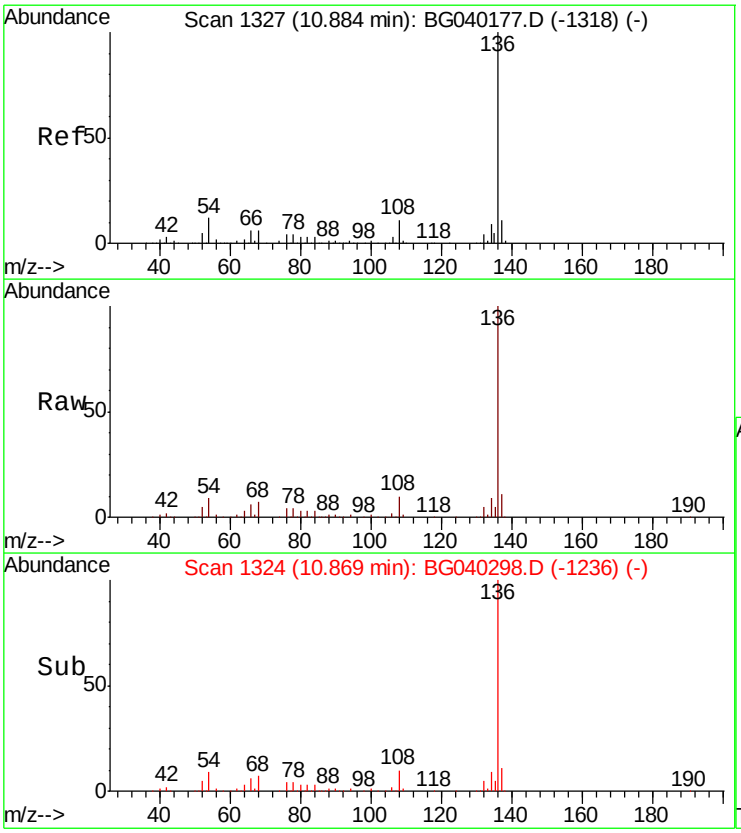
#7
Phenol-d6
Concen: 125.061 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.02 min
Lab File: BG040298.D
Acq: 2 Apr 2019 13:48

Instrument :
BNA_G
ClientSampleId :
CONCRETE-B

Tgt Ion: 99 Resp: 591148

Ion	Ratio	Lower	Upper
99	100		
42	18.5	16.2	24.2
71	32.3	26.8	40.2

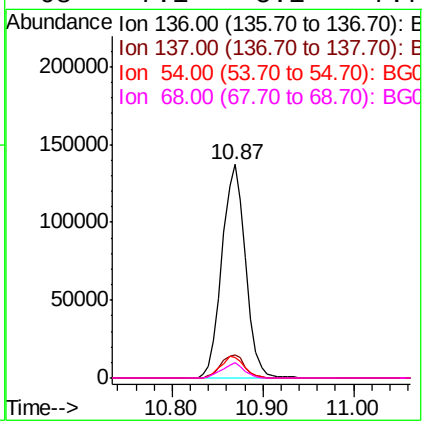


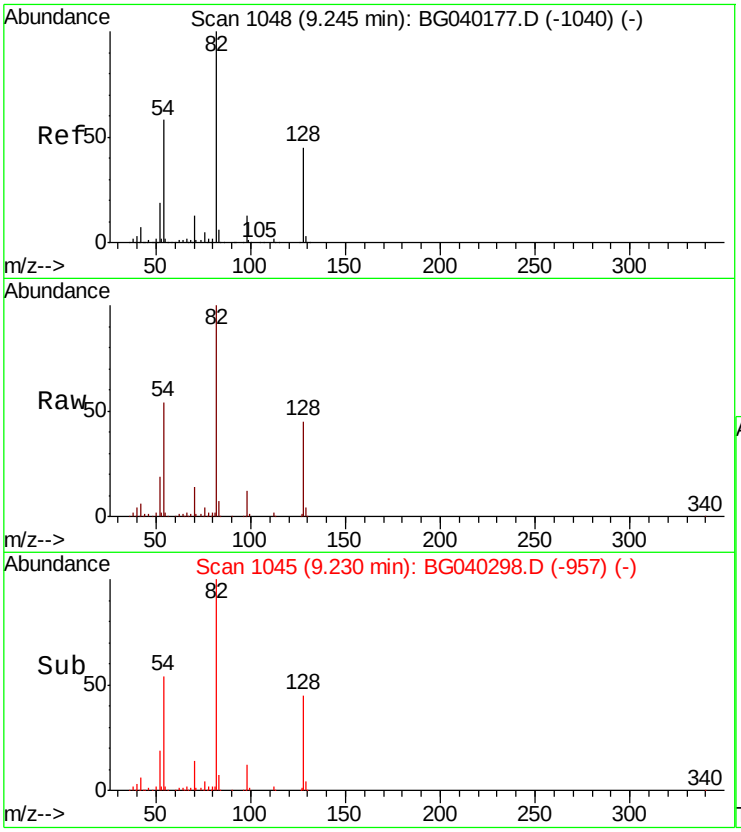


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040298.D
Acq: 2 Apr 2019 13:48

Tgt Ion:136 Resp: 247060

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.4	9.6	14.4#
68	7.1	5.1	7.7



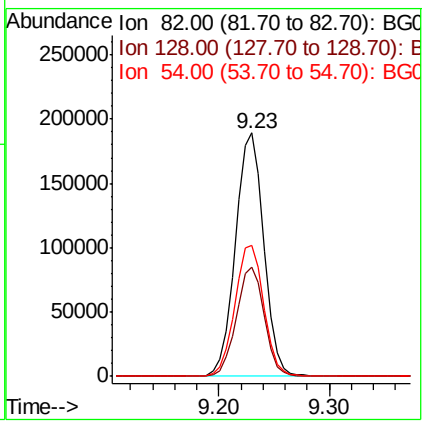


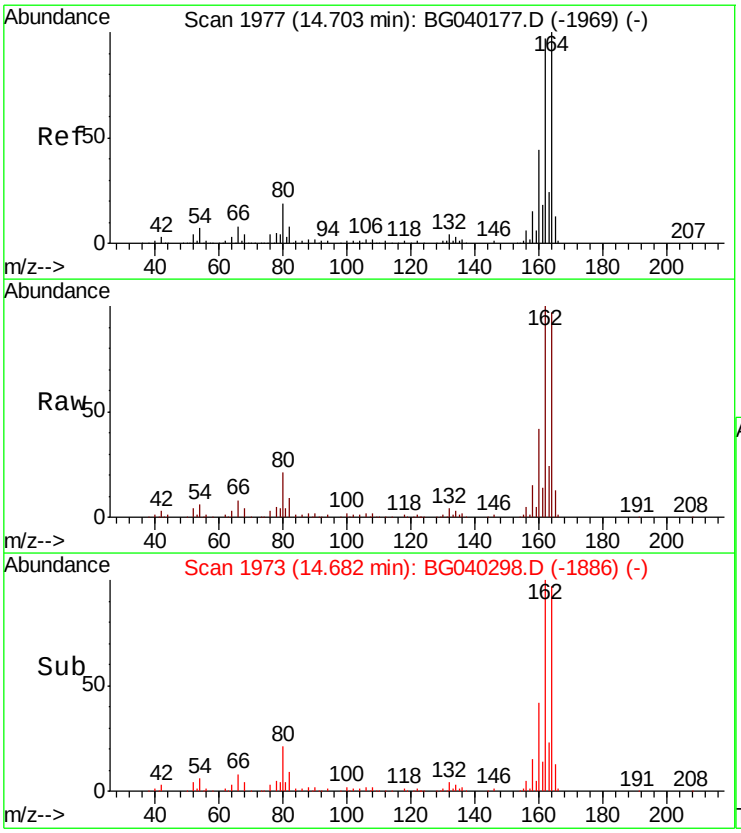
#23
Nitrobenzene-d5
Concen: 73.491 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040298.D
Acq: 2 Apr 2019 13:48

Instrument :
BNA_G
ClientSampleId :
CONCRETE-B

Tgt Ion: 82 Resp: 341592

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.8	53.8
54	53.5	46.2	69.2

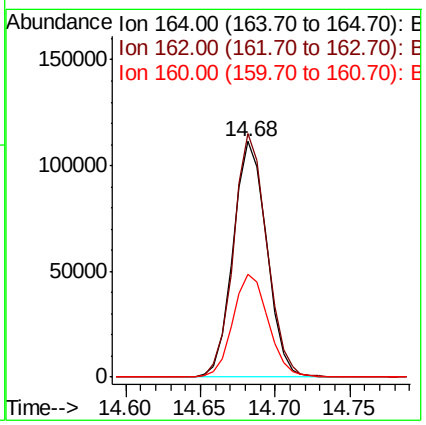


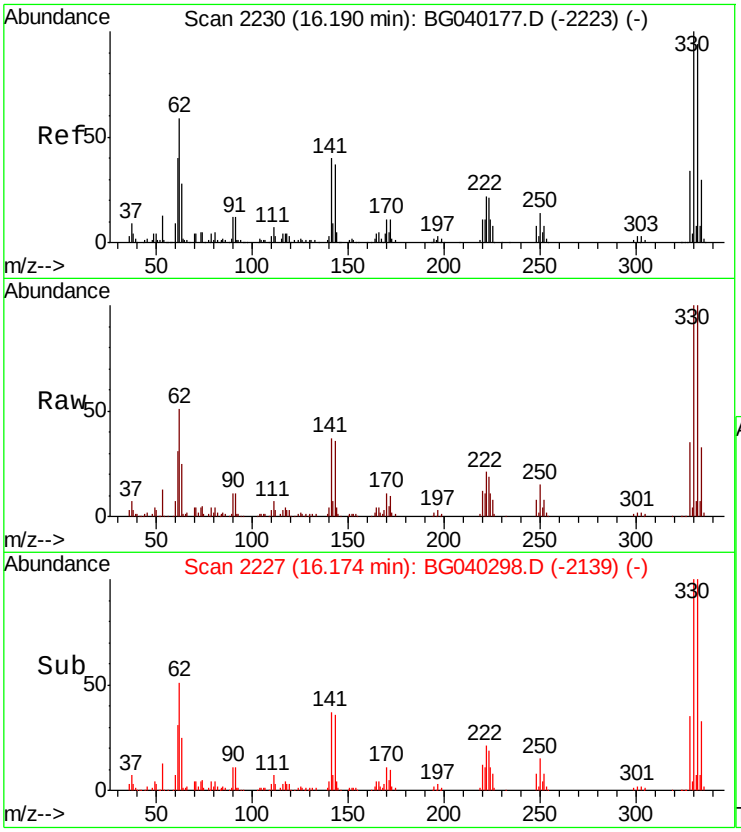


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040298.D
Acq: 2 Apr 2019 13:48

Tgt Ion:164 Resp: 174515

Ion	Ratio	Lower	Upper
164	100		
162	103.3	77.4	116.2
160	43.6	35.3	52.9



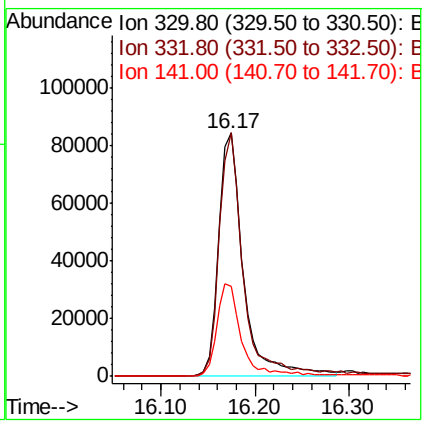


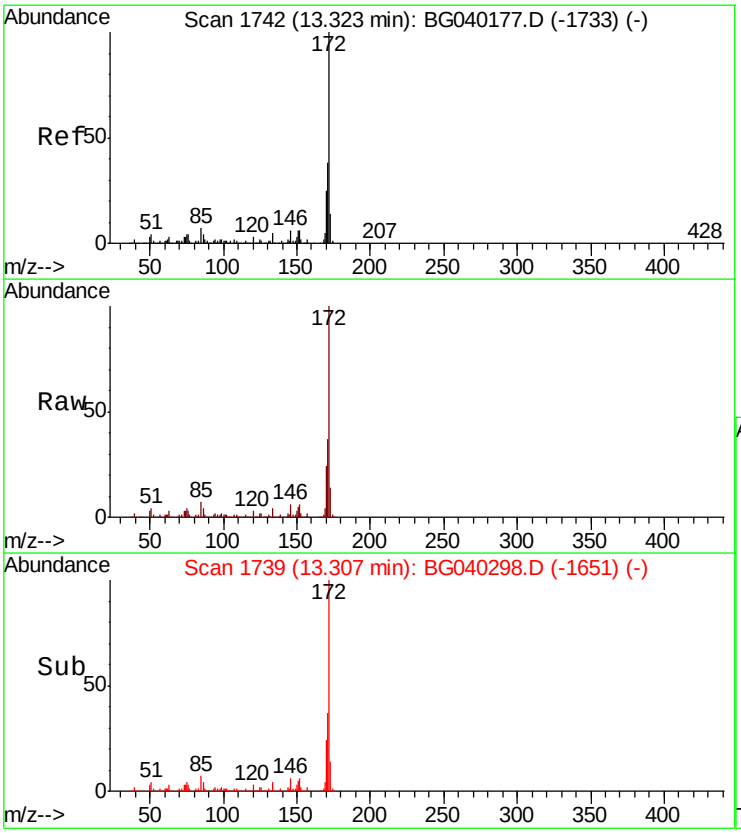
#42
2,4,6-Tribromophenol
Concen: 82.635 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BG040298.D
Acq: 2 Apr 2019 13:48

Instrument :
BNA_G
ClientSampleId :
CONCRETE-B

Tgt Ion:330 Resp: 155854

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	38.1	32.6	48.8

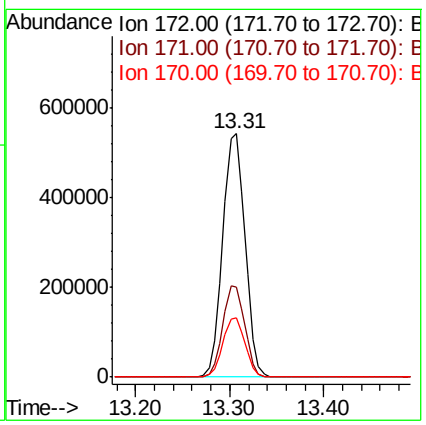


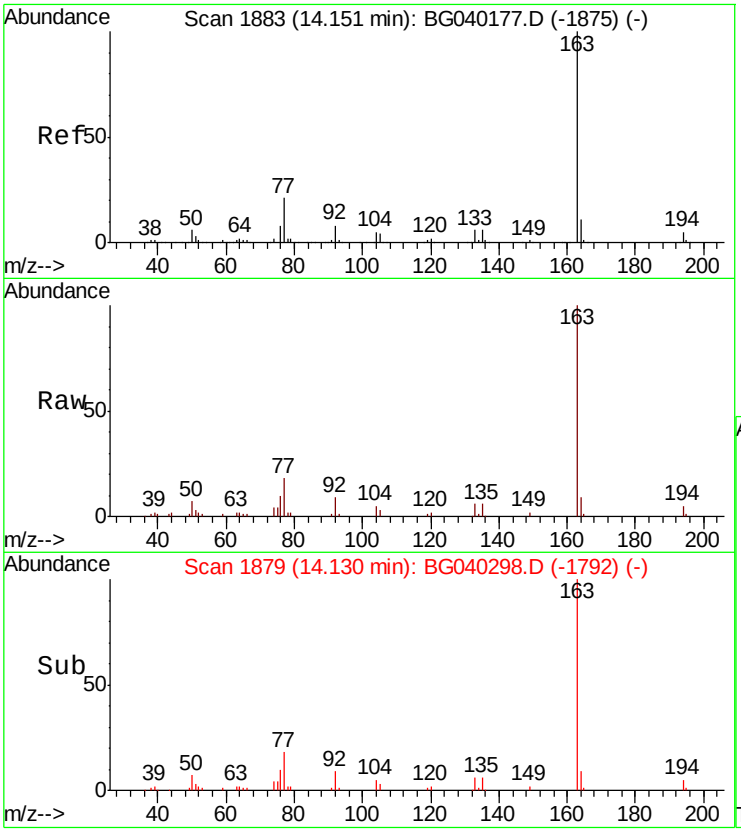


#45
2-Fluorobiphenyl
Concen: 76.241 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040298.D
Acq: 2 Apr 2019 13:48

Tgt Ion:172 Resp: 897936

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	24.5	20.1	30.1



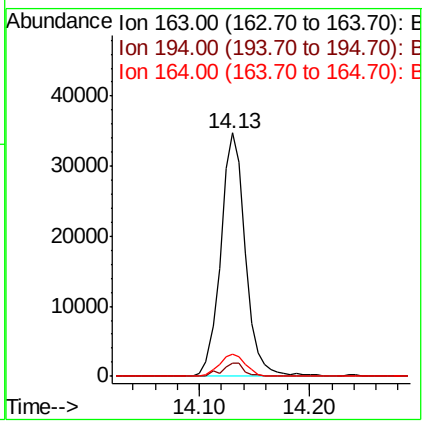


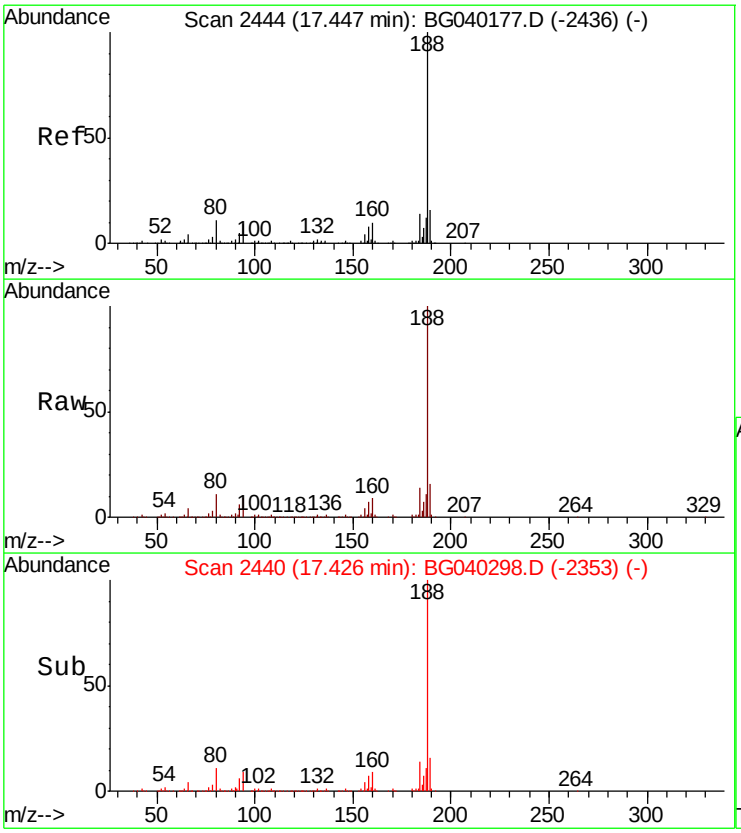
#50
Dimethylphthalate
Concen: 3.966 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG040298.D
Acq: 2 Apr 2019 13:48

Instrument :
BNA_G
ClientSampleId :
CONCRETE-B

Tgt Ion:163 Resp: 54172

Ion	Ratio	Lower	Upper
163	100		
194	6.0	4.1	6.1
164	9.1	8.6	13.0

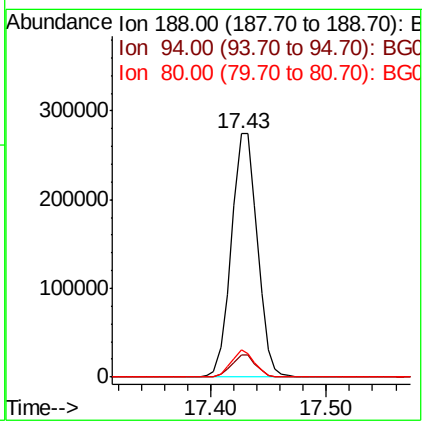


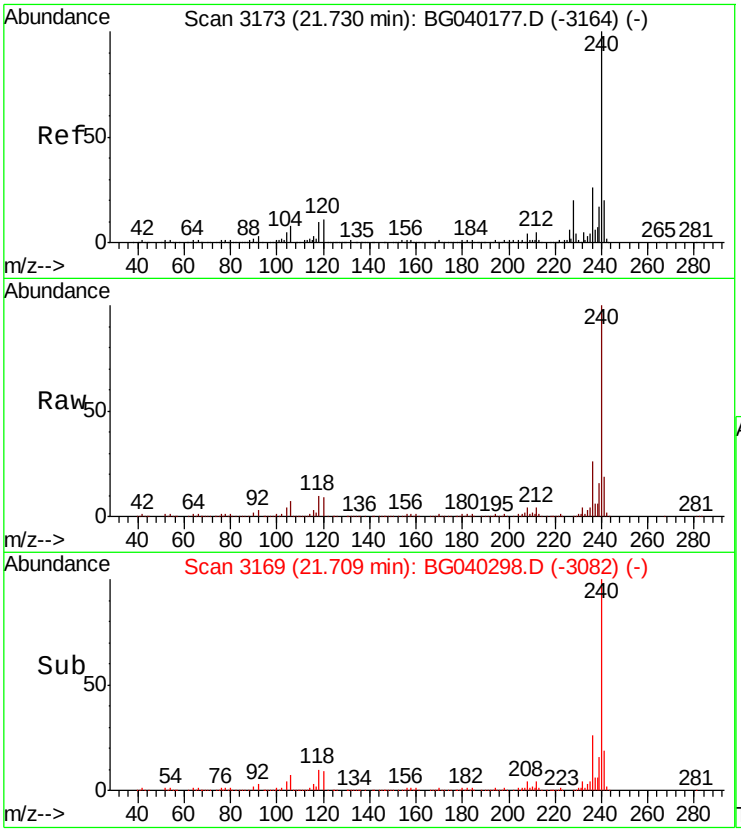


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040298.D
Acq: 2 Apr 2019 13:48

Tgt Ion:188 Resp: 428535

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.0	10.4
80	11.3	8.6	13.0



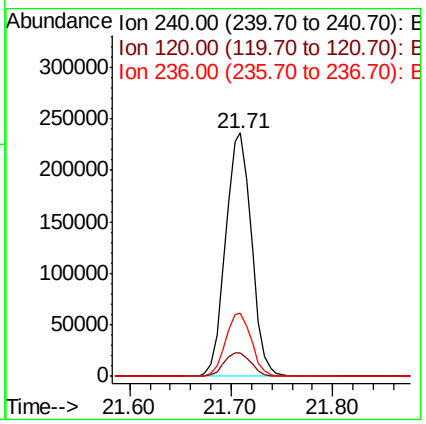


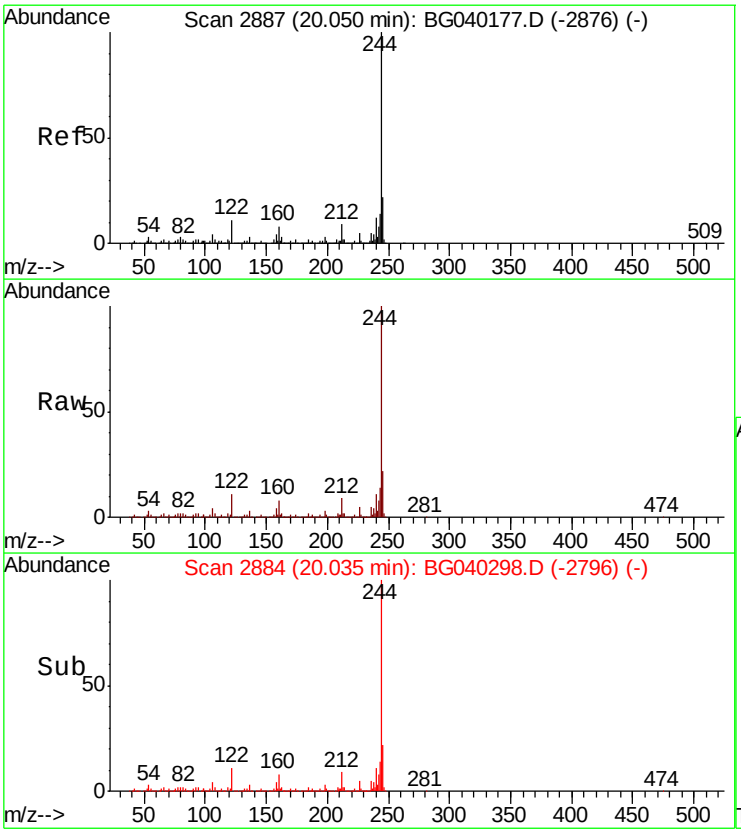
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040298.D
Acq: 2 Apr 2019 13:48

Instrument :
BNA_G
ClientSampleId :
CONCRETE-B

Tgt Ion:240 Resp: 418178

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.4	12.6
236	26.1	20.8	31.2

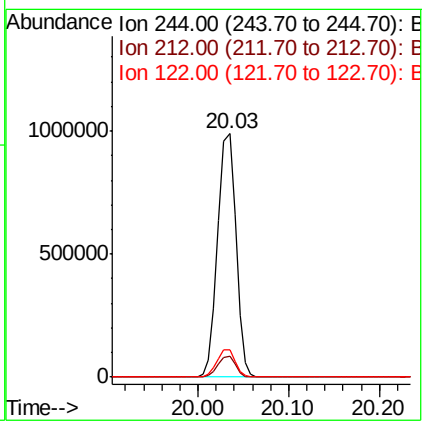


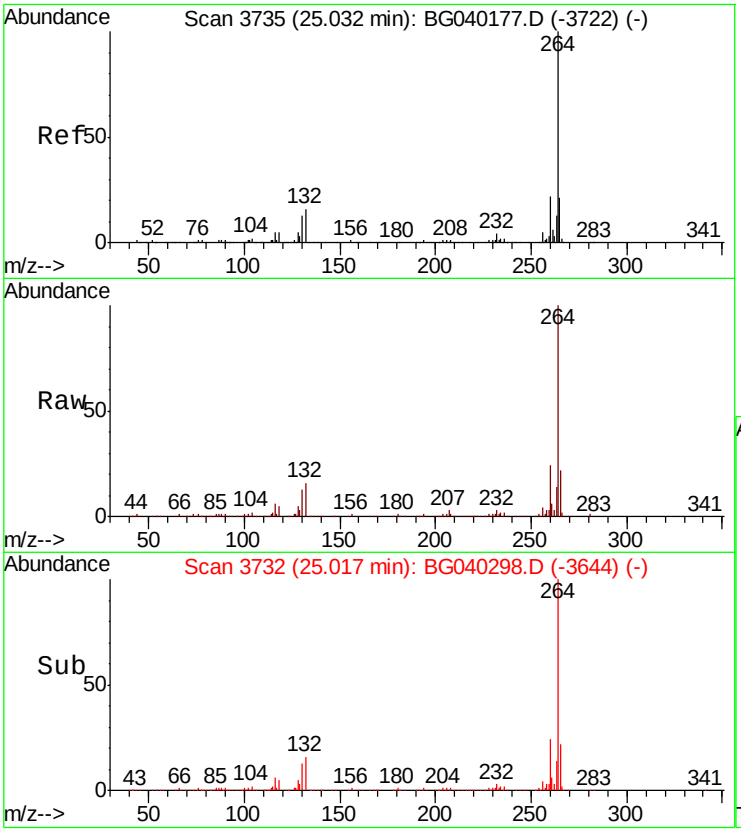


#79
Terphenyl-d14
Concen: 74.929 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.02 min
Lab File: BG040298.D
Acq: 2 Apr 2019 13:48

Tgt Ion:244 Resp: 1392816

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	11.1	8.5	12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.02 min
Lab File: BG040298.D
Acq: 2 Apr 2019 13:48

Instrument :
BNA_G
ClientSampleId :
CONCRETE-B

Tgt Ion:264 Resp: 419289

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.9	26.9
265	22.3	16.8	25.2