Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040219\
Data File : BG040310.D
Acq On : 3 Apr 2019 00:00
Operator : JU/SJ
Sample : K2180-24
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10D

Quant Time: Apr 03 01:49:08 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	65989	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	271371	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	187893	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	465430	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	465427	20.00	ng	-0.02
87) Perylene-d12	25.02	264	462993	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	463873	116.86	ng	0.00
7) Phenol-d6	7.21	99	582665	106.21	ng	-0.01
23) Nitrobenzene-d5	9.23	82	457007	89.51	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	247867	122.06	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1040774	82.08	ng	-0.01
79) Terphenyl-d14	20.04	244	1780406	86.06	ng	-0.01
Target Compounds						Qvalue

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

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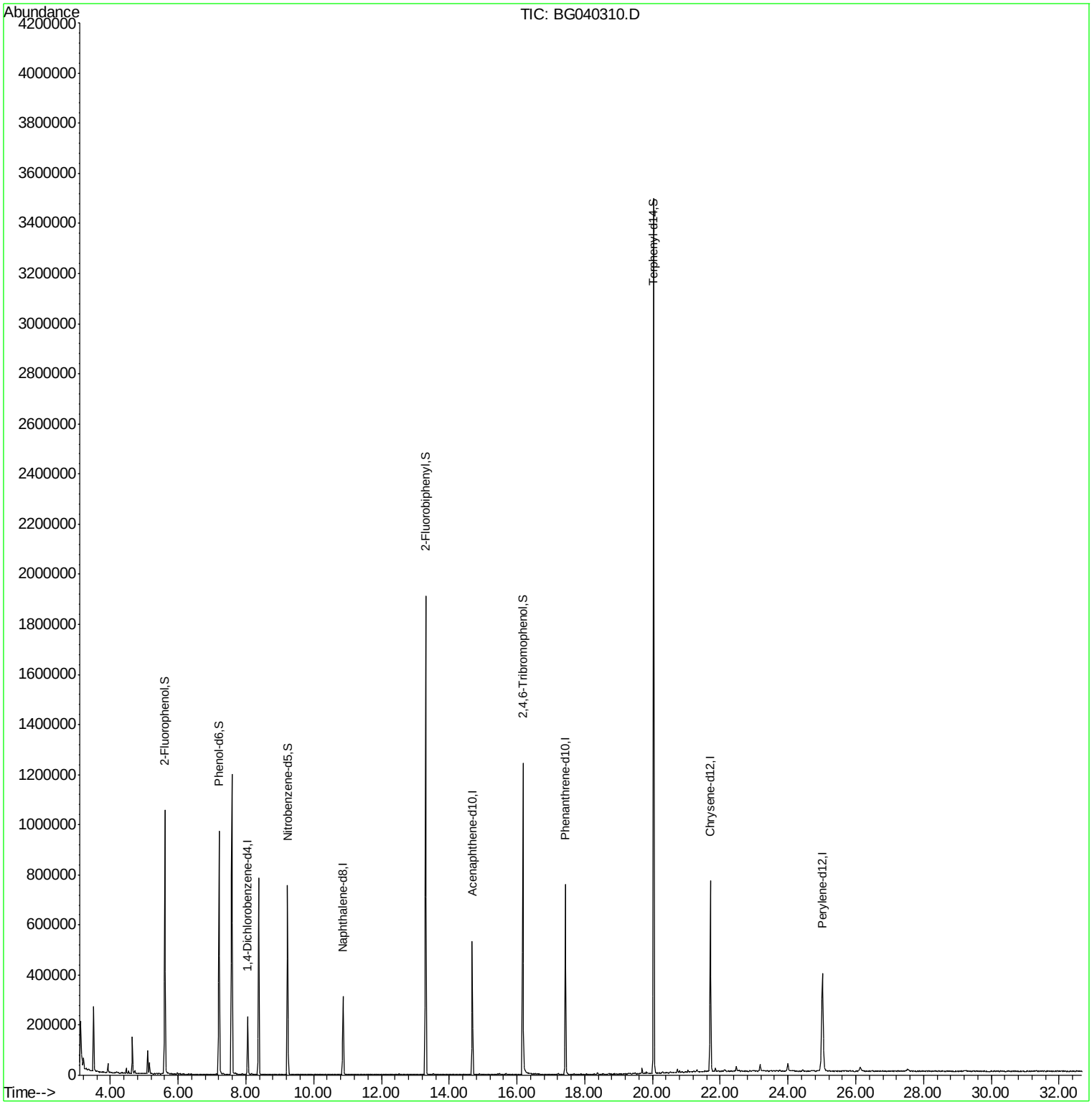
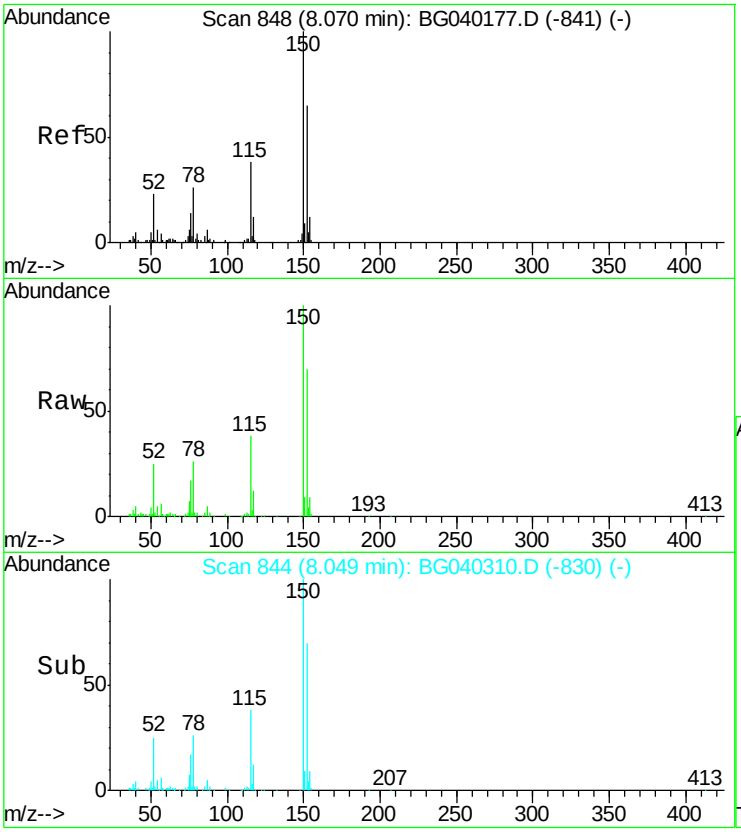


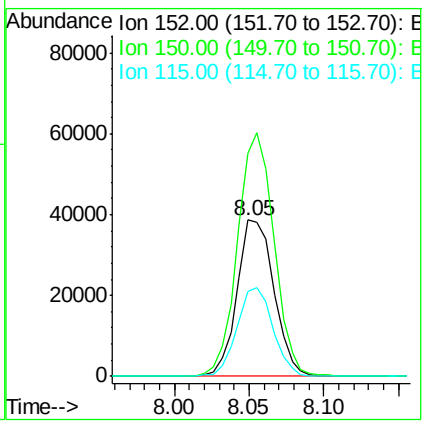


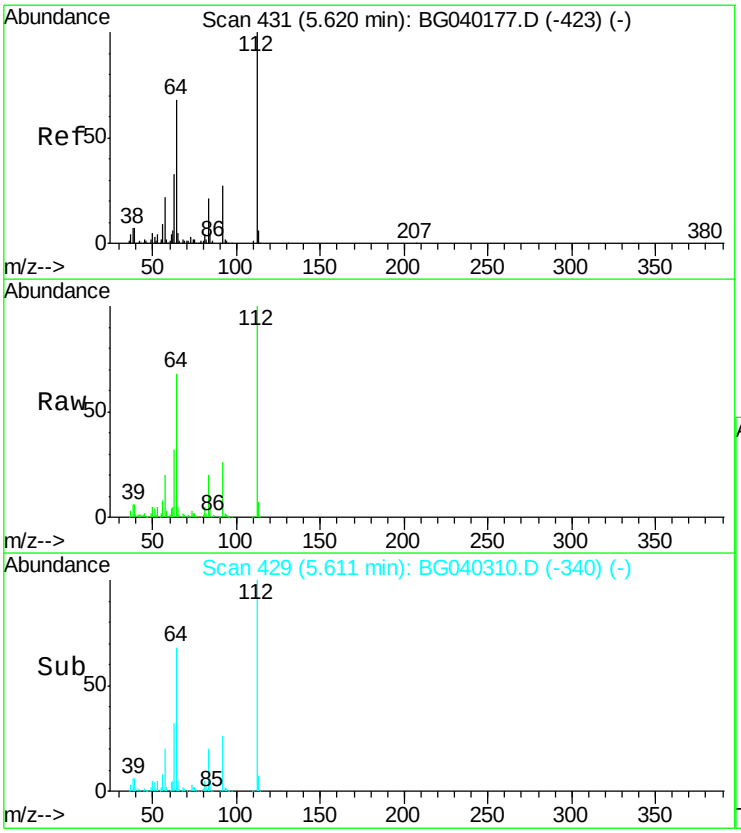
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040310.D
Acq: 3 Apr 2019 00:00

Instrument :
BNA_G
ClientSampleId :
TP-10D

Tgt Ion:152 Resp: 65989

Ion	Ratio	Lower	Upper
152	100		
150	142.8	123.7	185.5
115	54.1	46.9	70.3

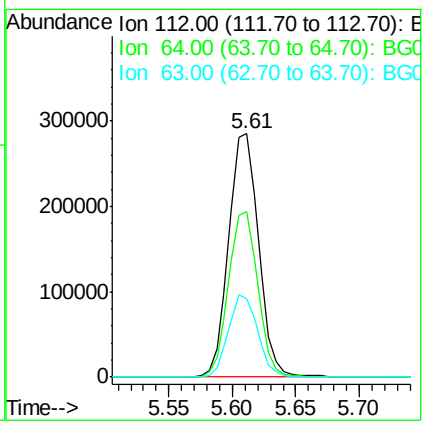


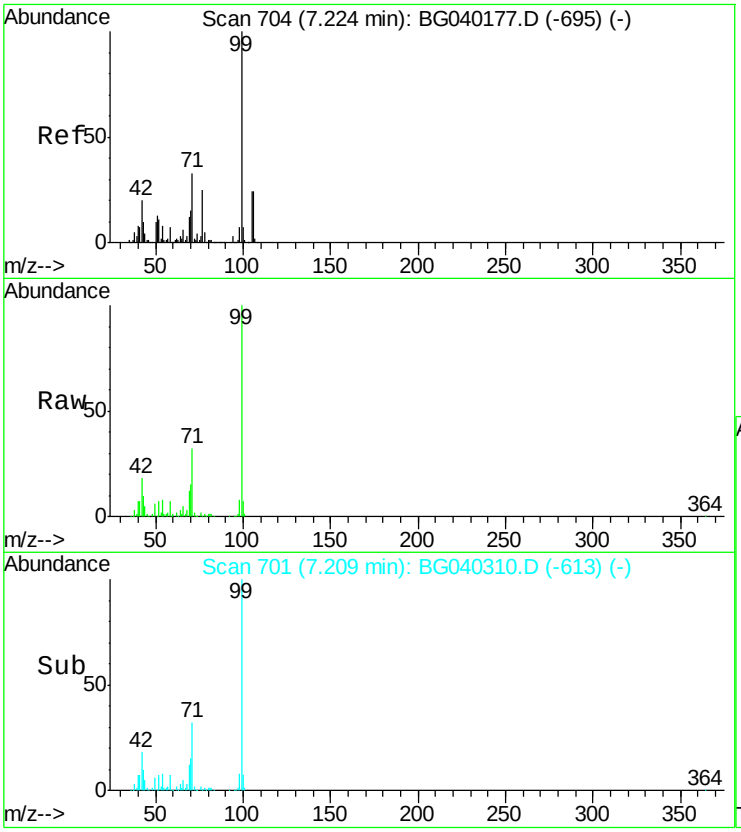


#5
2-Fluorophenol
Concen: 116.860 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040310.D
Acq: 3 Apr 2019 00:00

Tgt Ion:112 Resp: 463873

Ion	Ratio	Lower	Upper
112	100		
64	67.9	54.2	81.2
63	32.0	26.4	39.6



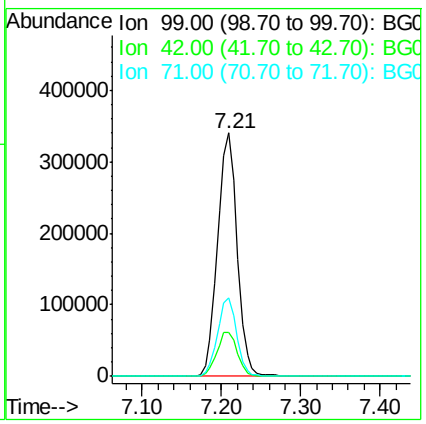


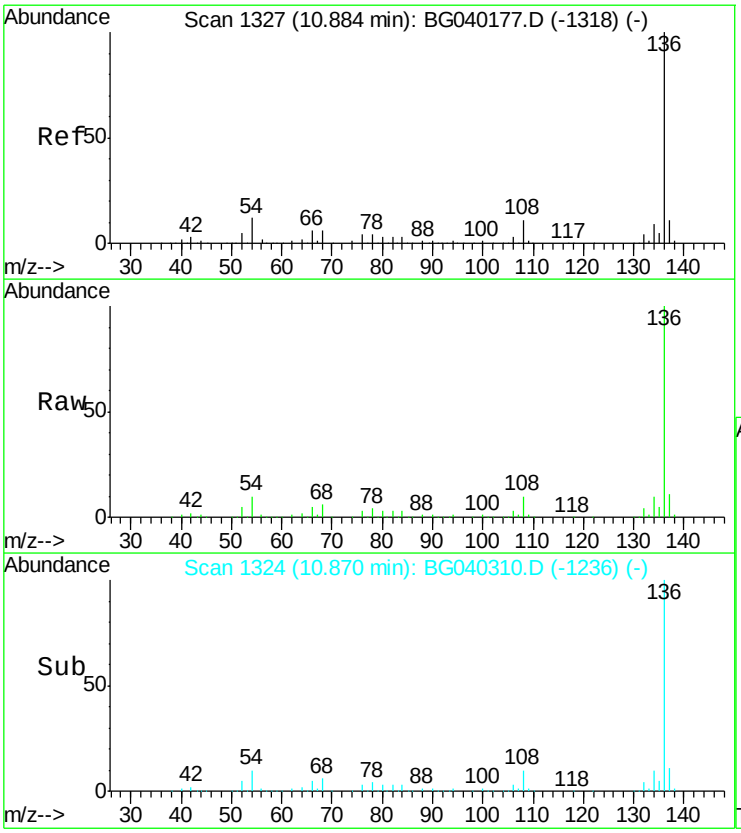
#7
Phenol-d6
Concen: 106.212 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BG040310.D
Acq: 3 Apr 2019 00:00

Instrument :
BNA_G
ClientSampleId :
TP-10D

Tgt Ion: 99 Resp: 582665

Ion	Ratio	Lower	Upper
99	100		
42	18.3	16.2	24.2
71	32.2	26.8	40.2

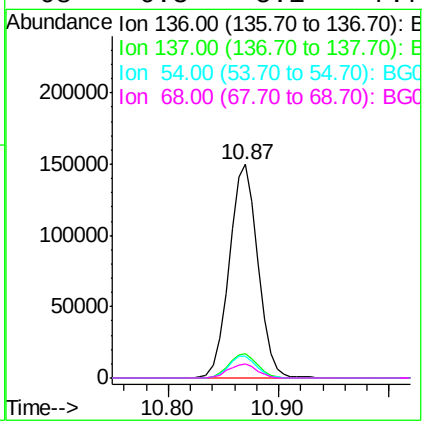


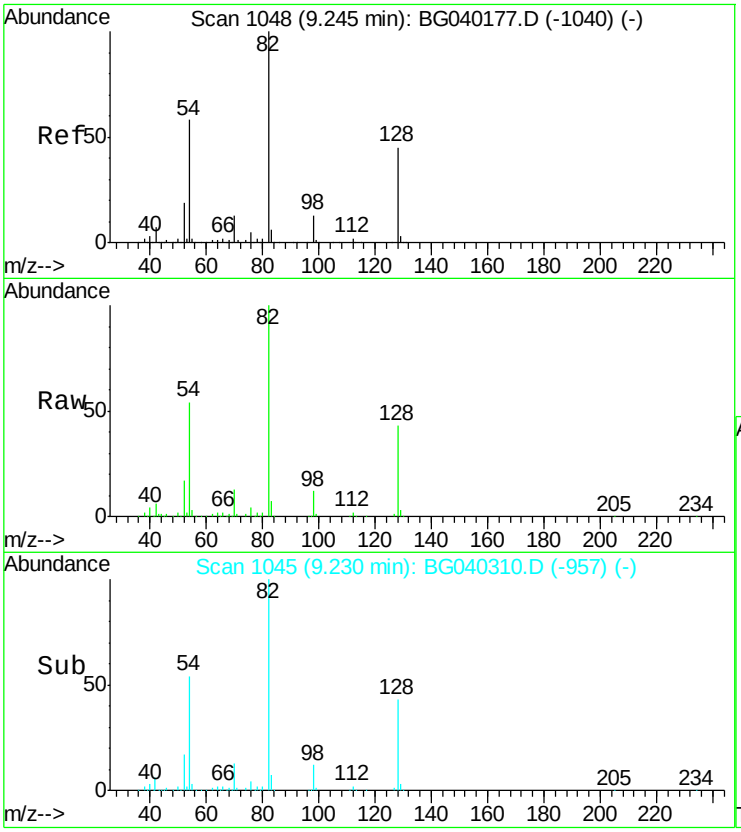


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG040310.D
Acq: 3 Apr 2019 00:00

Tgt Ion:136 Resp: 271371

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.4	9.6	14.4
68	6.3	5.1	7.7



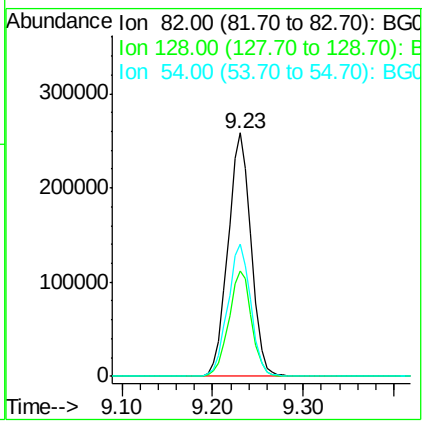


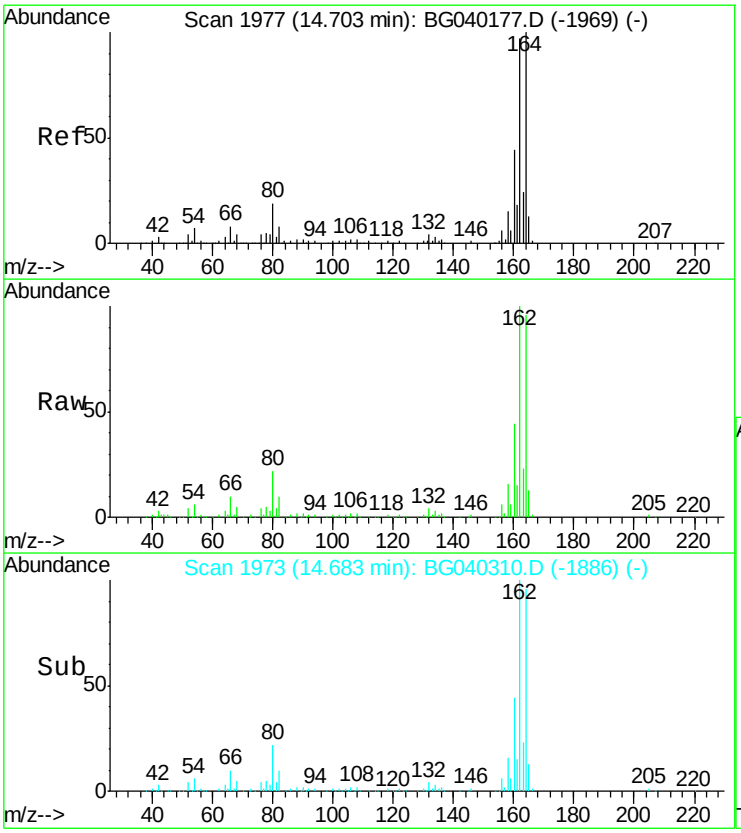
#23
Nitrobenzene-d5
Concen: 89.514 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG040310.D
Acq: 3 Apr 2019 00:00

Instrument :
BNA_G
ClientSampleId :
TP-10D

Tgt Ion: 82 Resp: 457007

Ion	Ratio	Lower	Upper
82	100		
128	43.2	35.8	53.8
54	54.3	46.2	69.2

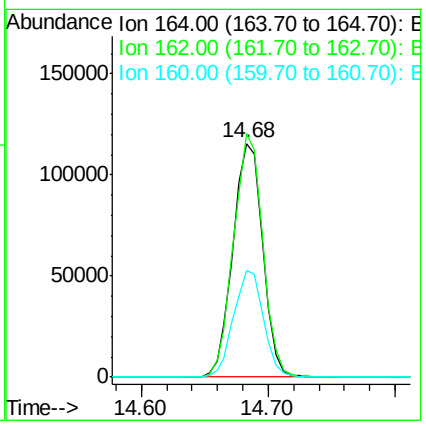


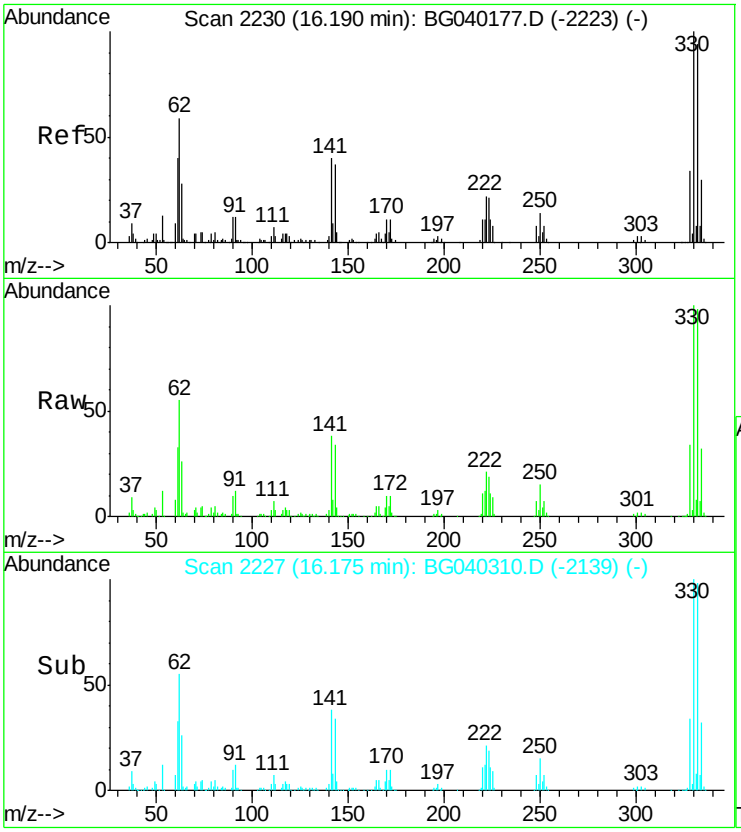


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040310.D
Acq: 3 Apr 2019 00:00

Tgt Ion:164 Resp: 187893

Ion	Ratio	Lower	Upper
164	100		
162	104.1	77.4	116.2
160	45.6	35.3	52.9



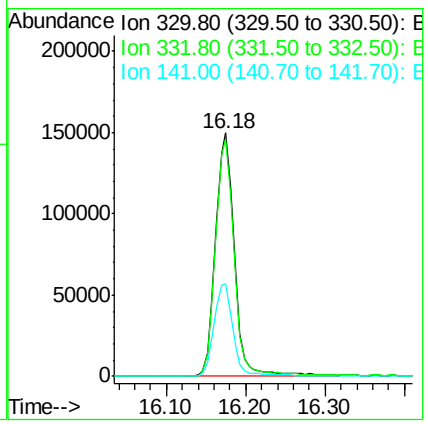


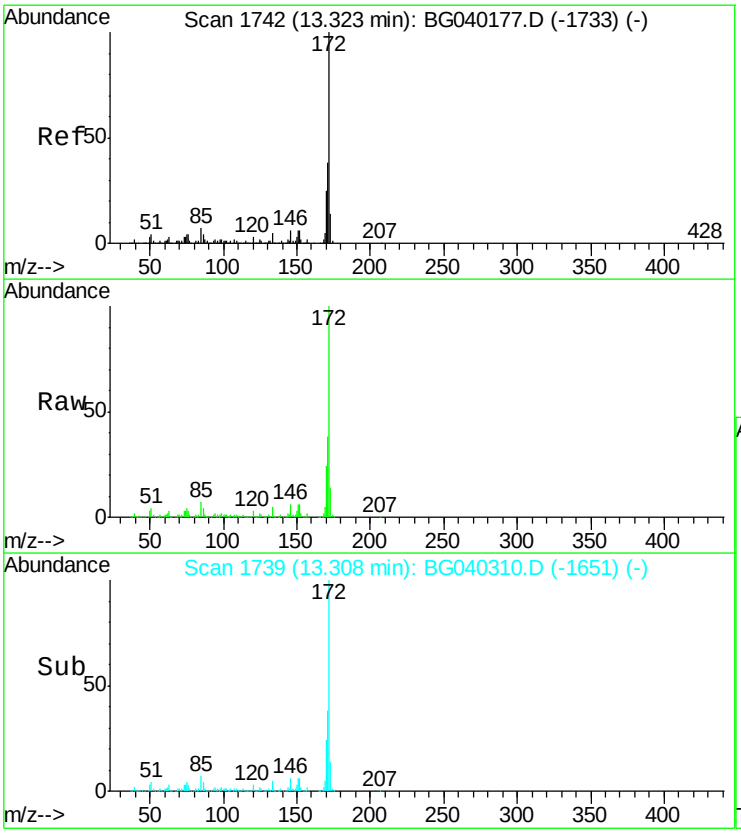
#42
2,4,6-Tribromophenol
Concen: 122.064 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG040310.D
Acq: 3 Apr 2019 00:00

Instrument :
BNA_G
ClientSampleId :
TP-10D

Tgt Ion:330 Resp: 247867

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	37.6	32.6	48.8

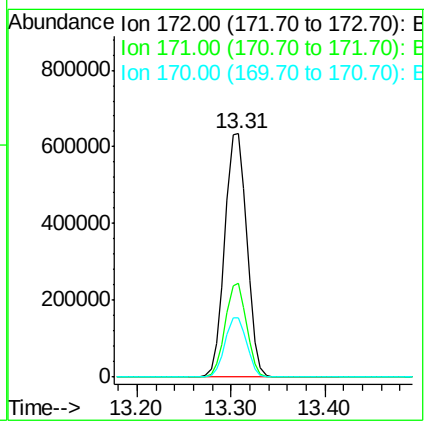


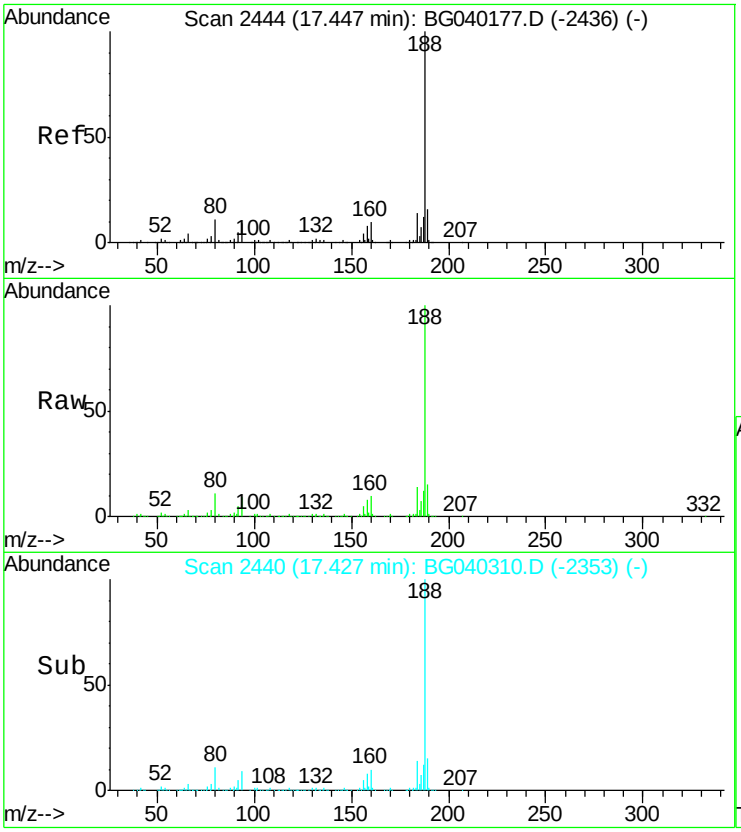


#45
2-Fluorobiphenyl
Concen: 82.078 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG040310.D
Acq: 3 Apr 2019 00:00

Tgt Ion:172 Resp: 1040774

Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.5	45.7
170	24.2	20.1	30.1



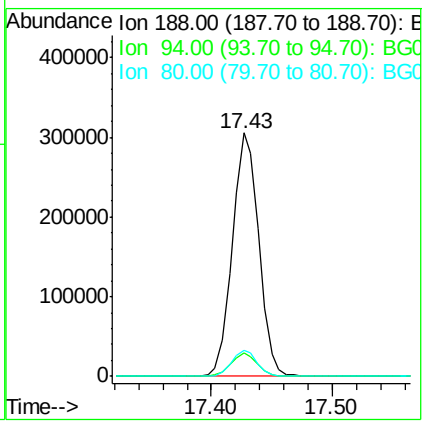


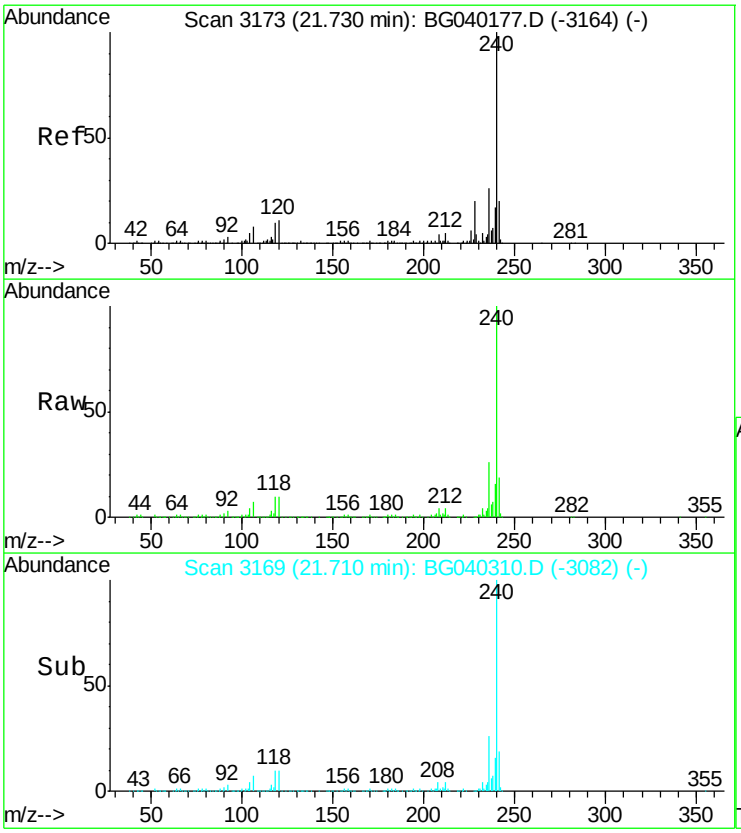
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040310.D
Acq: 3 Apr 2019 00:00

Instrument :
BNA_G
ClientSampleId :
TP-10D

Tgt Ion:188 Resp: 465430

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.0	10.4
80	10.7	8.6	13.0

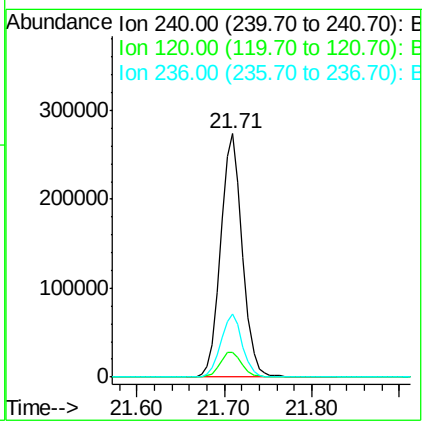


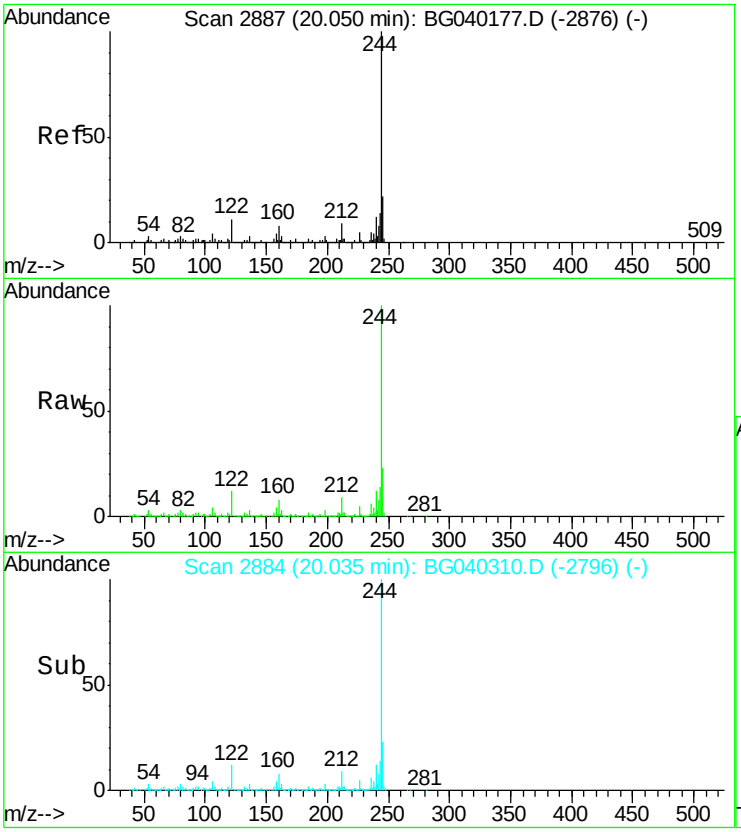


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040310.D
Acq: 3 Apr 2019 00:00

Tgt Ion:240 Resp: 465427

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.4	12.6
236	26.2	20.8	31.2



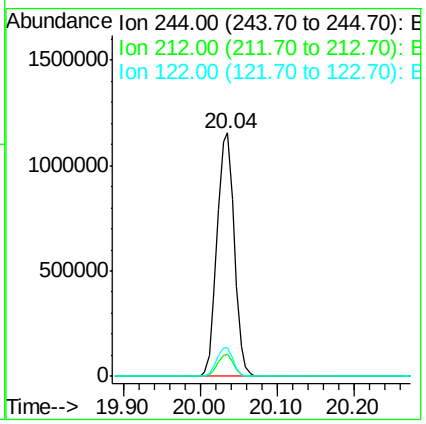


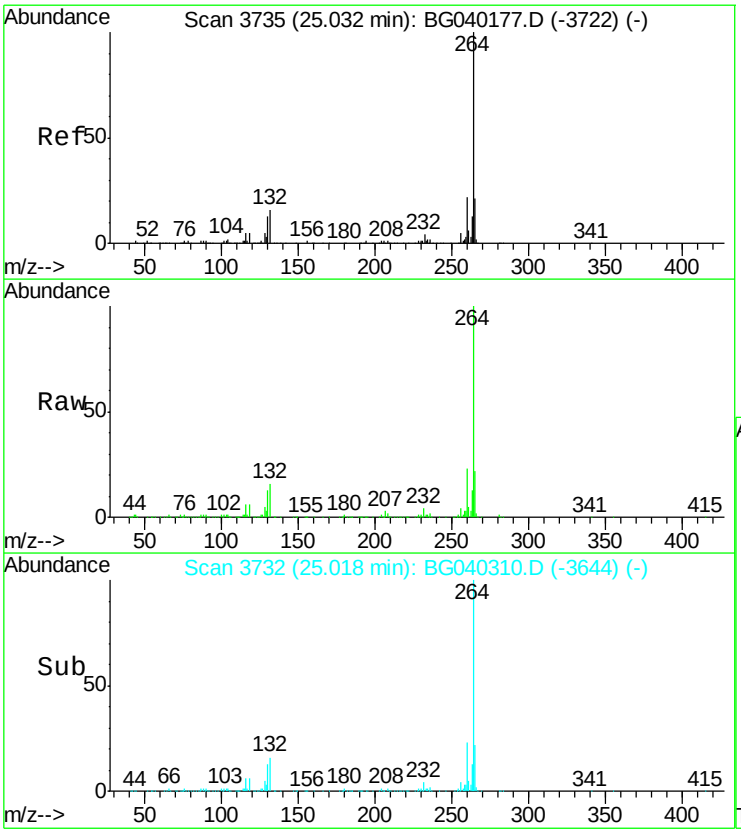
#79
Terphenyl-d14
Concen: 86.056 ng
RT: 20.04 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG040310.D
Acq: 3 Apr 2019 00:00

Instrument :
BNA_G
ClientSampleId :
TP-10D

Tgt Ion:244 Resp: 1780406

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	11.5	8.5	12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG040310.D
Acq: 3 Apr 2019 00:00

Tgt Ion:264 Resp: 462993

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.9	26.9
265	21.9	16.8	25.2