Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040051.D
Acq On : 21 Mar 2019 1:06
Operator : JU/SJ
Sample : K1972-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-10-031519

Quant Time: Mar 21 11:44:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	43671	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	188362	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	123880	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	273372	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	268874	20.00	ng	-0.03
87) Perylene-d12	25.16	264	277561	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	174242	68.07	ng	-0.02
7) Phenol-d6	7.29	99	163988	42.96	ng	-0.03
23) Nitrobenzene-d5	9.32	82	341785	98.14	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	202130	139.99	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	798438	91.77	ng	-0.03
79) Terphenyl-d14	20.10	244	1089551	89.22	ng	-0.02
Target Compounds						Qvalue

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

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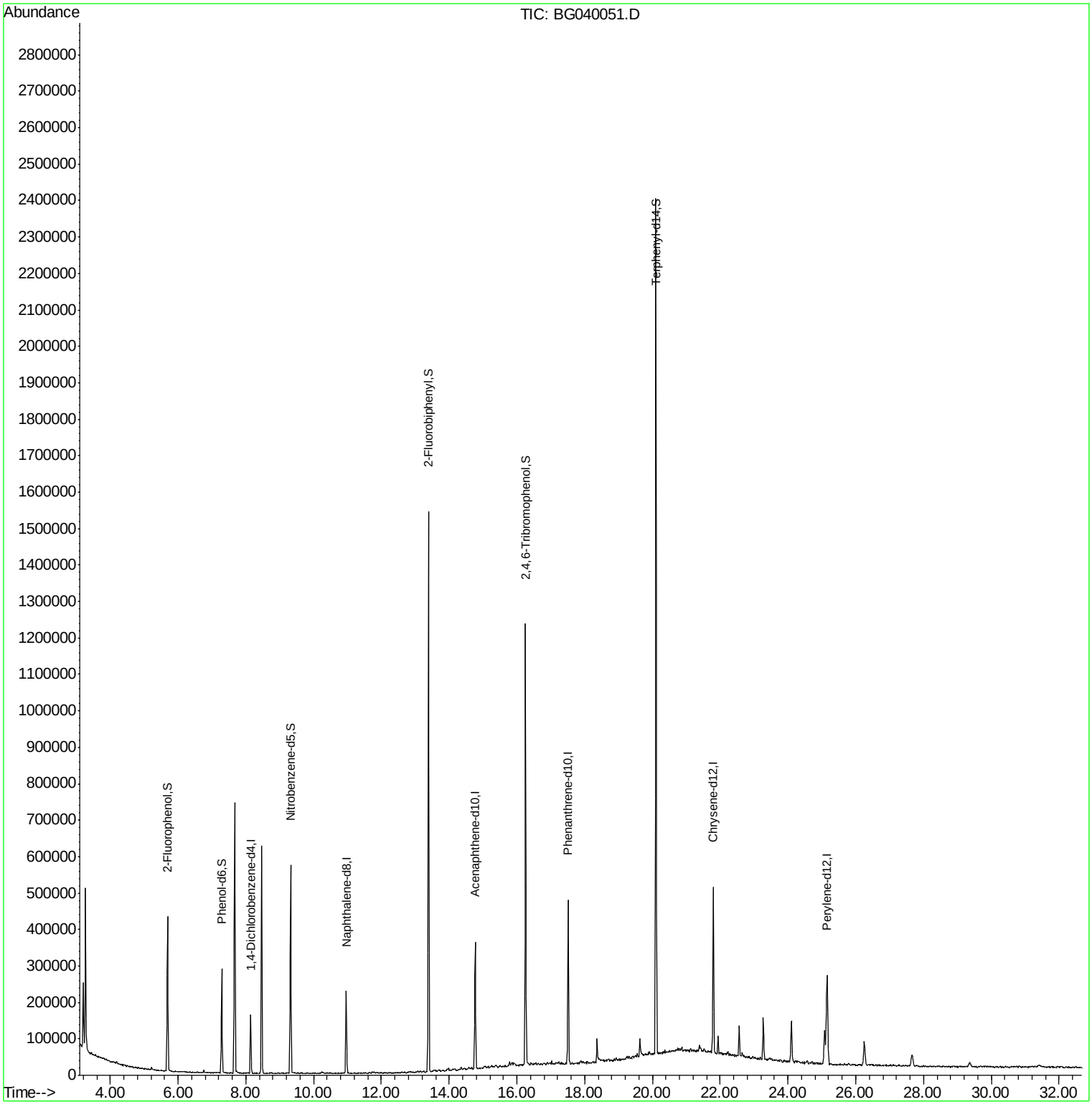
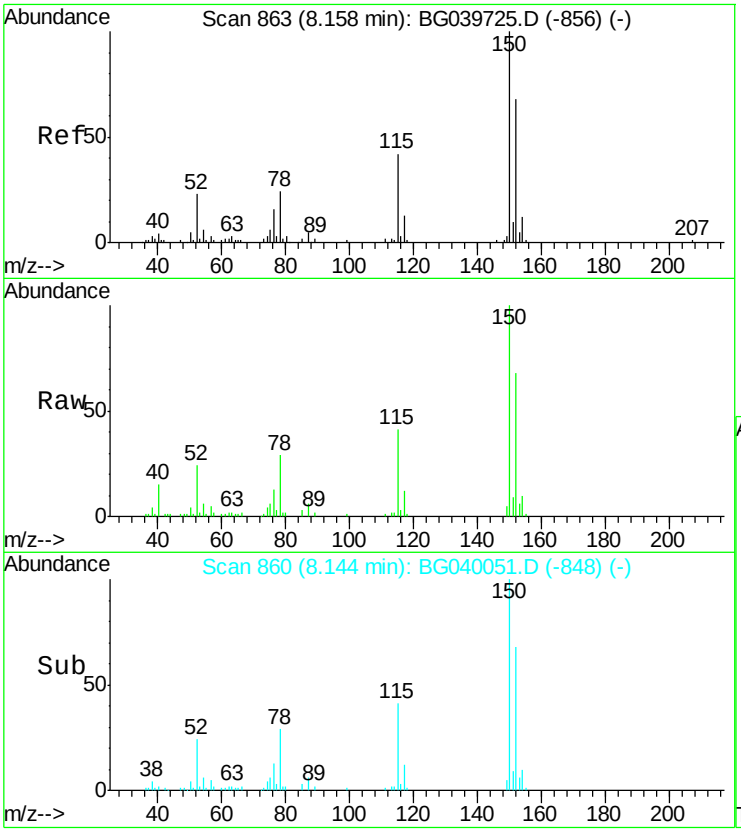


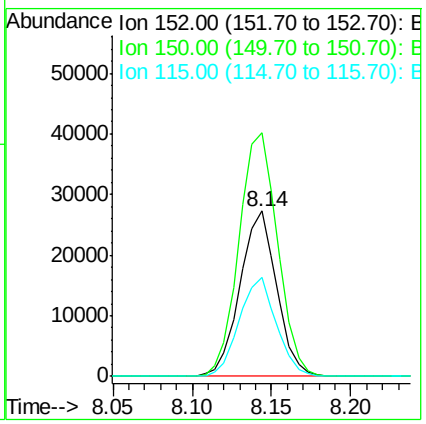


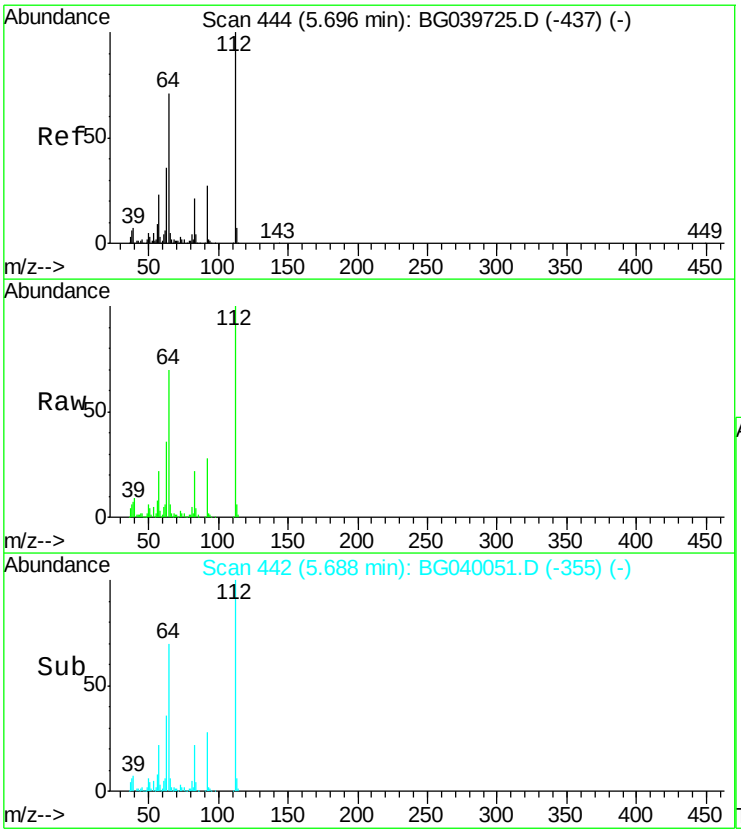
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040051.D
Acq: 21 Mar 2019 1:06

Instrument :
BNA_G
ClientSampleId :
TW-10-031519

Tgt Ion:152 Resp: 43671

Ion	Ratio	Lower	Upper
152	100		
150	147.5	123.7	185.5
115	59.9	45.9	68.9

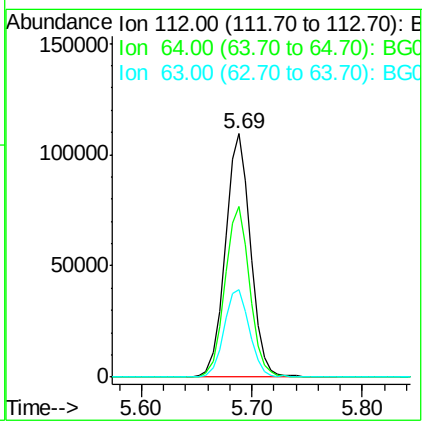


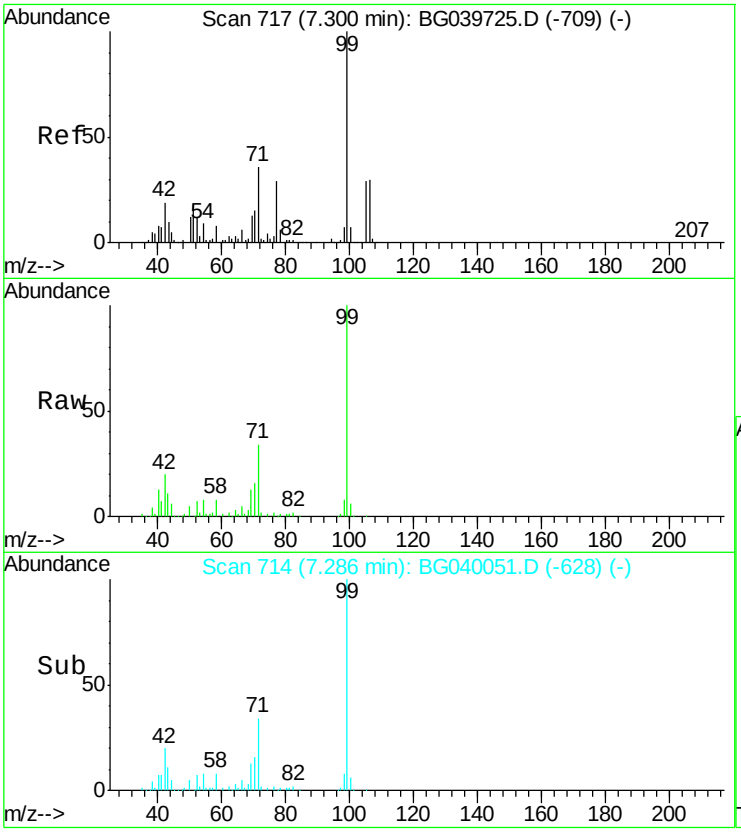


#5
2-Fluorophenol
Concen: 68.068 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040051.D
Acq: 21 Mar 2019 1:06

Tgt Ion:112 Resp: 174242

Ion	Ratio	Lower	Upper
112	100		
64	69.9	57.8	86.8
63	35.8	29.8	44.6



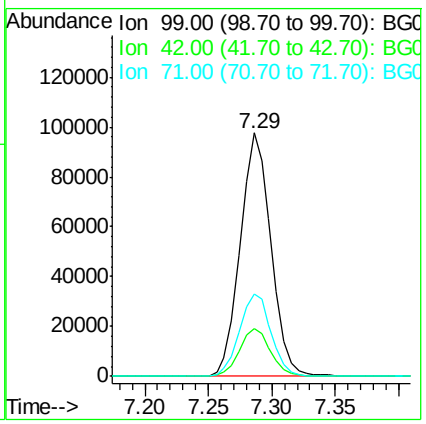


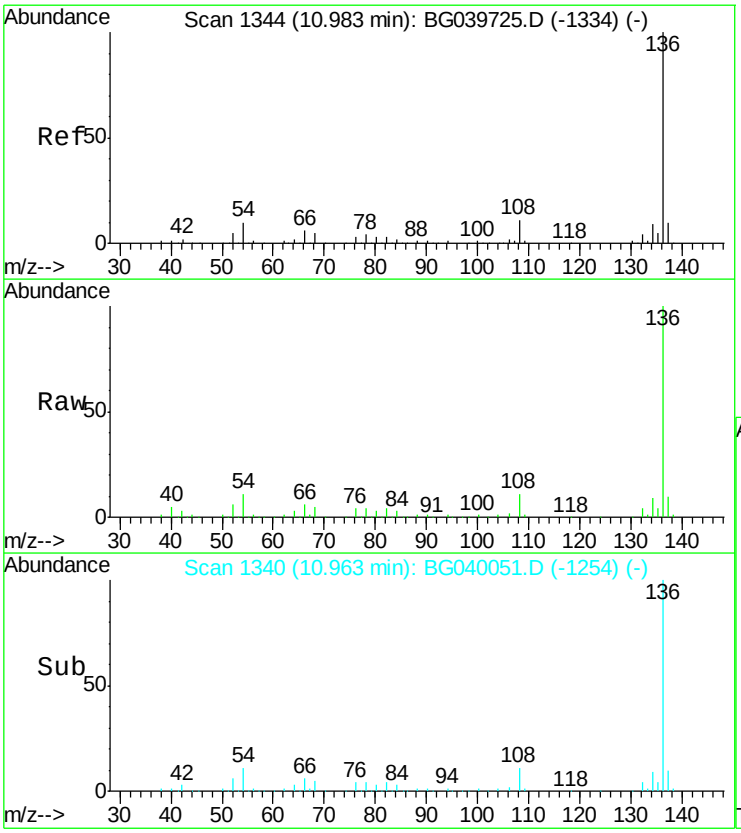
#7
Phenol-d6
Concen: 42.964 ng
RT: 7.29 min Scan# 714
Delta R.T. -0.03 min
Lab File: BG040051.D
Acq: 21 Mar 2019 1:06

Instrument :
BNA_G
ClientSampleId :
TW-10-031519

Tgt Ion: 99 Resp: 163988

Ion	Ratio	Lower	Upper
99	100		
42	19.7	18.2	27.2
71	33.7	28.0	42.0

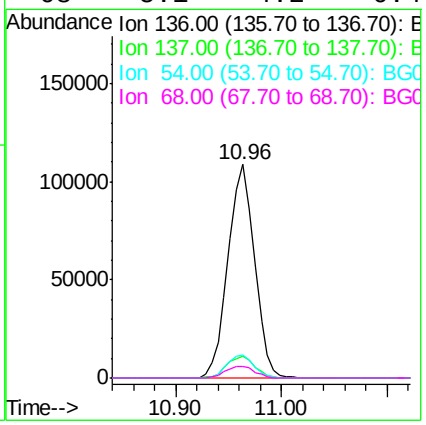


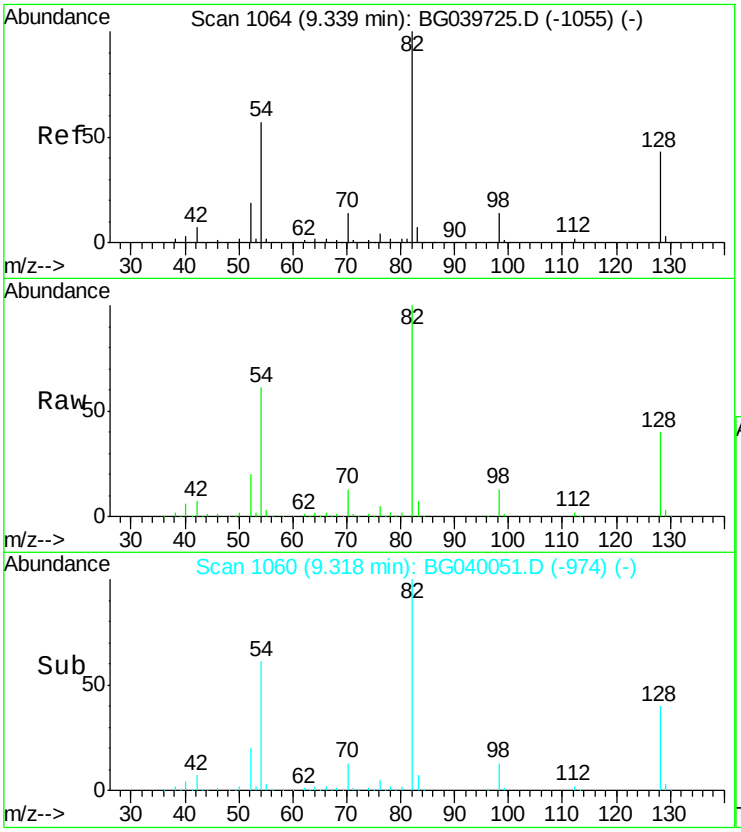


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040051.D
Acq: 21 Mar 2019 1:06

Tgt Ion:136 Resp: 188362

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.1	13.7
54	10.6	9.4	14.2
68	5.1	4.2	6.4



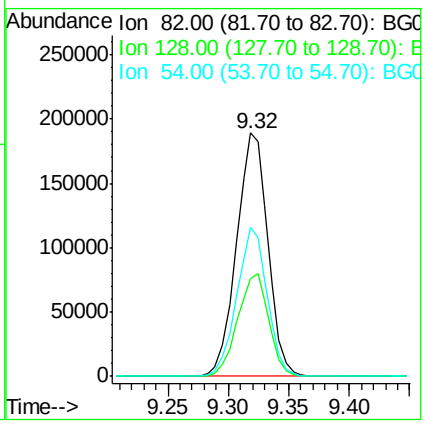


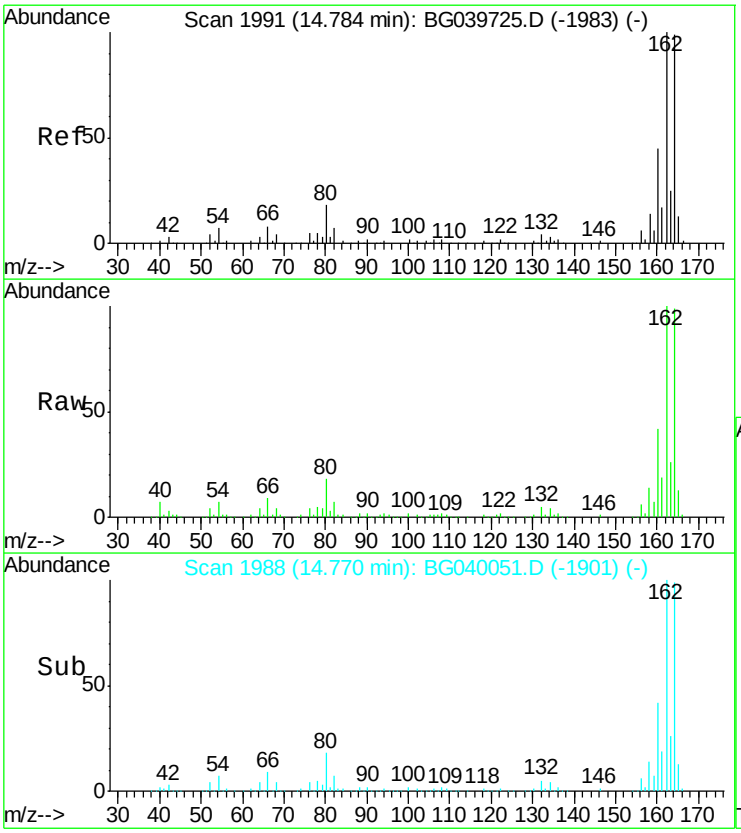
#23
Nitrobenzene-d5
Concen: 98.136 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040051.D
Acq: 21 Mar 2019 1:06

Instrument :
BNA_G
ClientSampleId :
TW-10-031519

Tgt Ion: 82 Resp: 341785

Ion	Ratio	Lower	Upper
82	100		
128	40.3	31.3	46.9
54	61.3	50.9	76.3

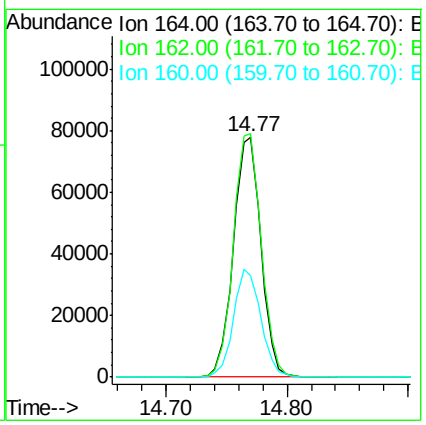


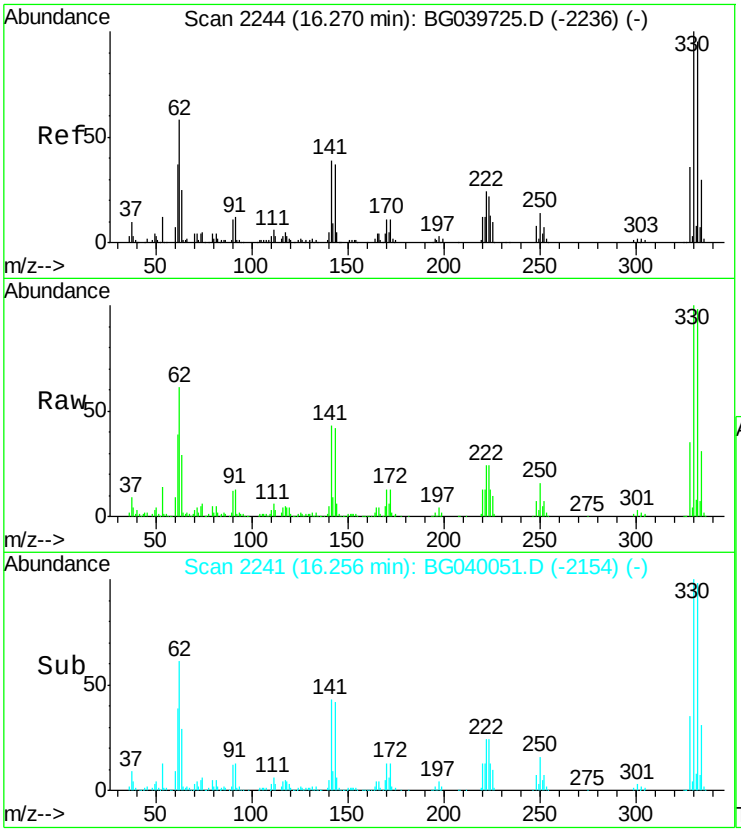


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040051.D
Acq: 21 Mar 2019 1:06

Tgt Ion:164 Resp: 123880

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.6	122.4
160	42.3	34.2	51.2



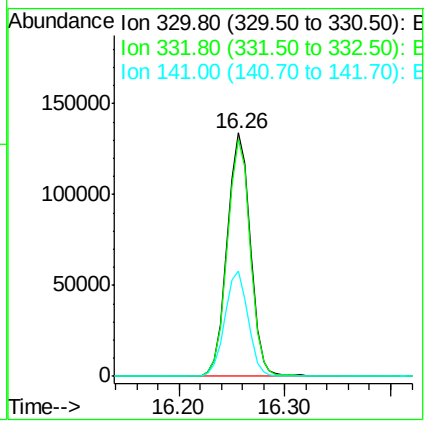


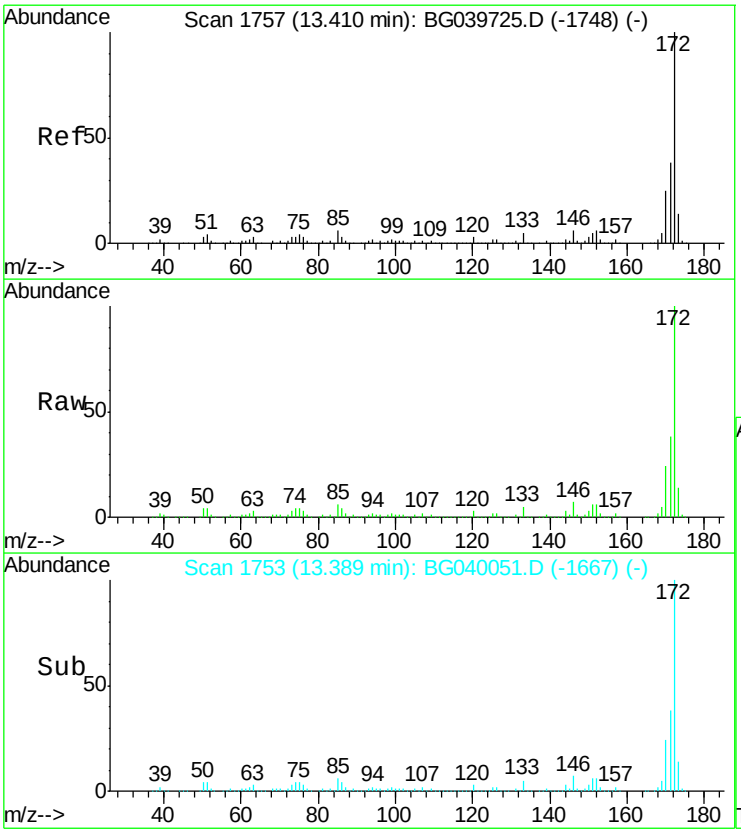
#42
2,4,6-Tribromophenol
Concen: 139.988 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040051.D
Acq: 21 Mar 2019 1:06

Instrument :
BNA_G
ClientSampleId :
TW-10-031519

Tgt Ion:330 Resp: 202130

Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.7	113.5
141	43.5	35.6	53.4

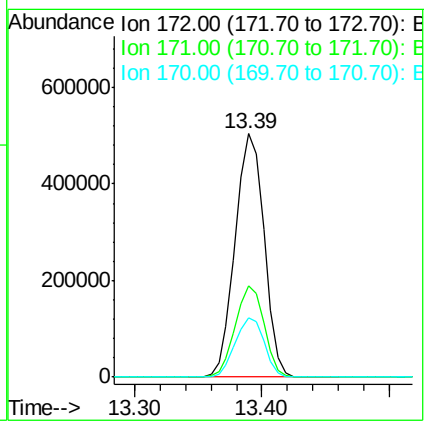


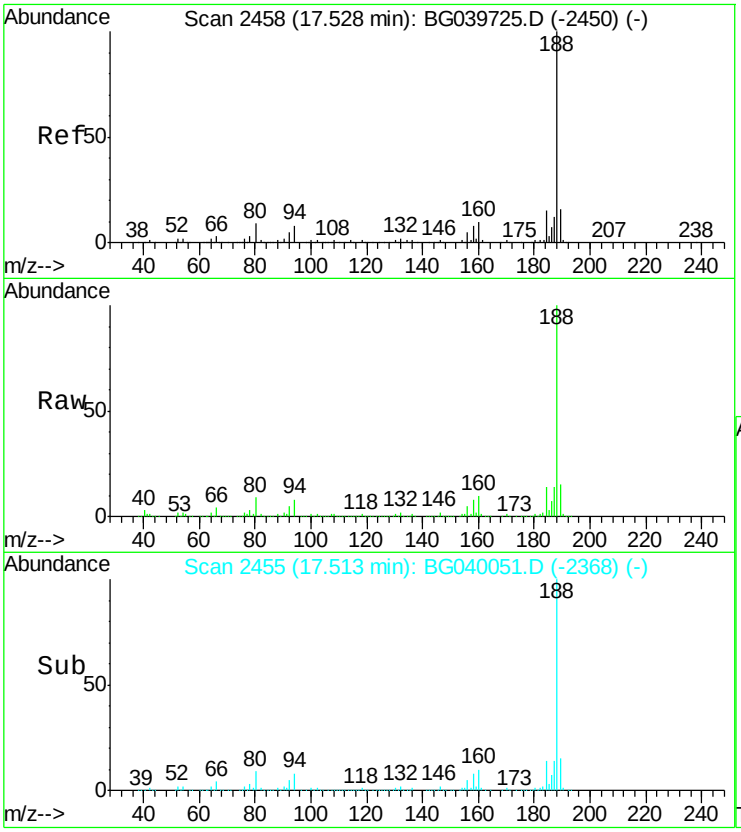


#45
2-Fluorobiphenyl
Concen: 91.769 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040051.D
Acq: 21 Mar 2019 1:06

Tgt Ion:172 Resp: 798438

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.8	46.2
170	24.4	20.2	30.4



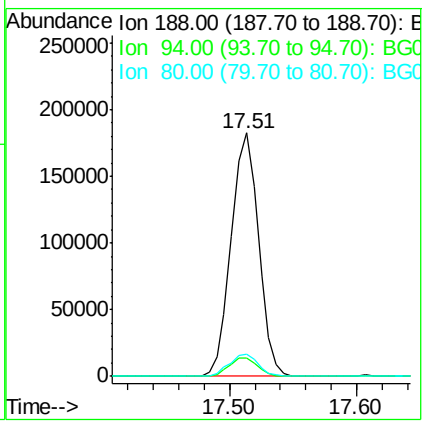


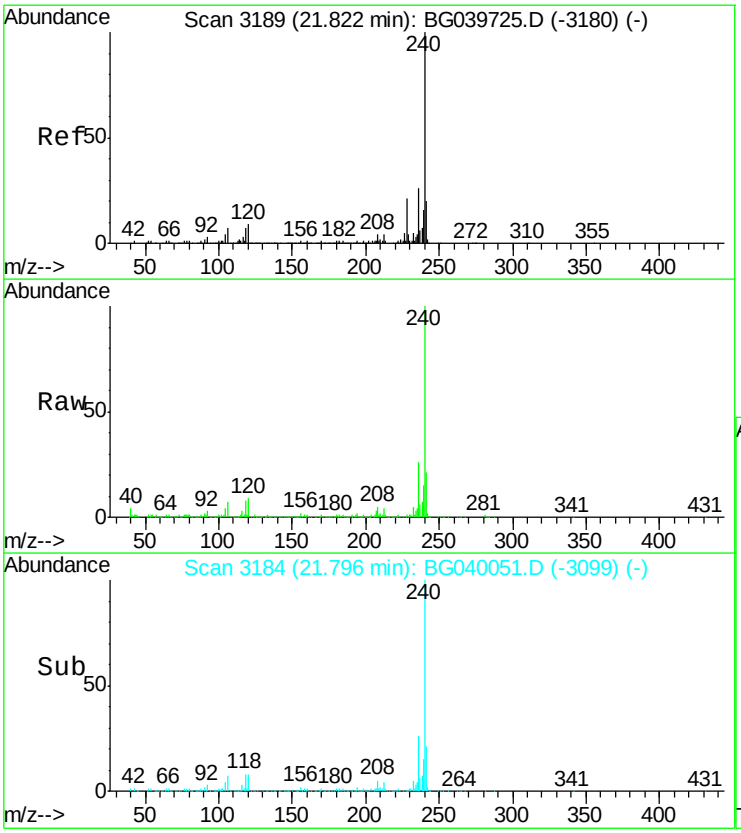
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040051.D
Acq: 21 Mar 2019 1:06

Instrument :
BNA_G
ClientSampleId :
TW-10-031519

Tgt Ion:188 Resp: 273372

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	9.2	8.1	12.1

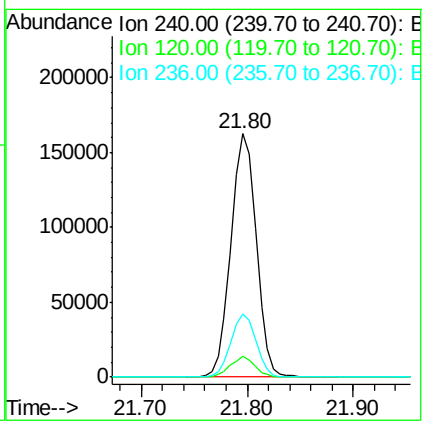


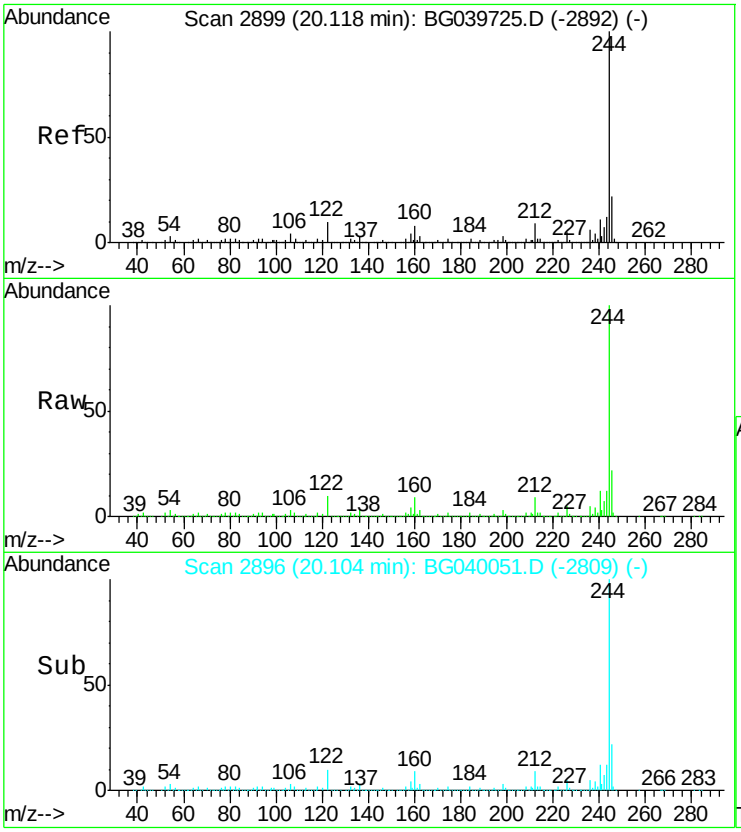


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040051.D
Acq: 21 Mar 2019 1:06

Tgt Ion:240 Resp: 268874

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.0	10.6
236	25.9	21.0	31.4



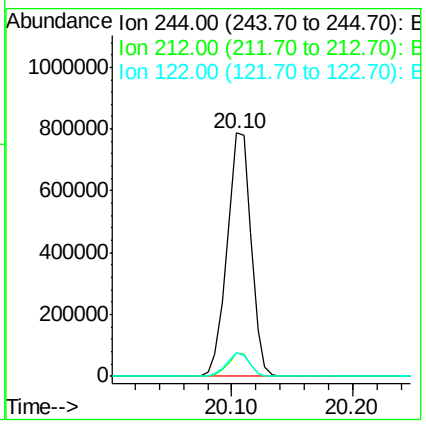


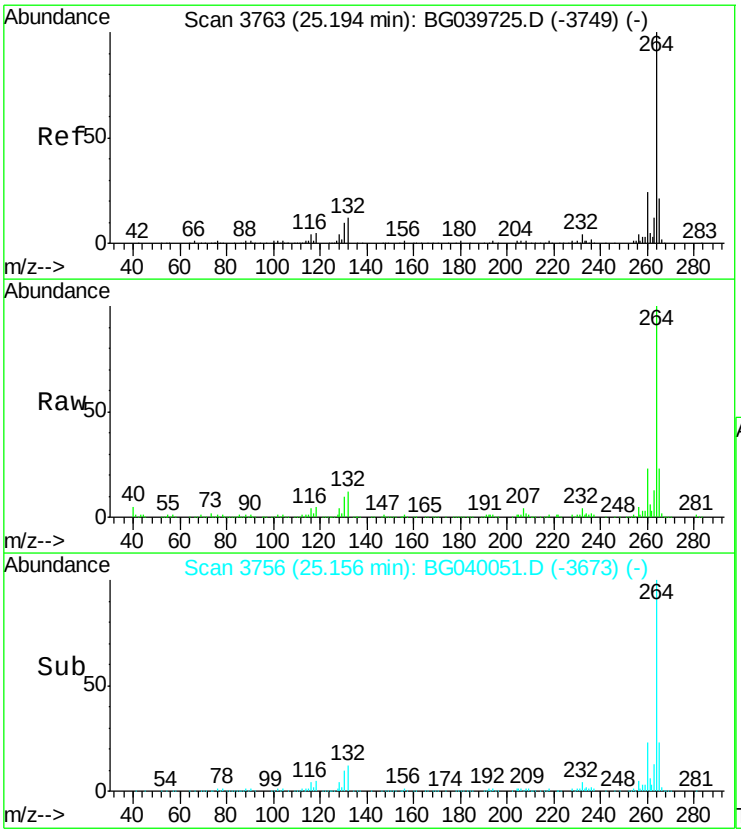
#79
Terphenyl-d14
Concen: 89.223 ng
RT: 20.10 min Scan# 2896
Delta R.T. -0.02 min
Lab File: BG040051.D
Acq: 21 Mar 2019 1:06

Instrument :
BNA_G
ClientSampleId :
TW-10-031519

Tgt Ion:244 Resp: 1089551

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	9.7	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3756
Delta R.T. -0.04 min
Lab File: BG040051.D
Acq: 21 Mar 2019 1:06

Tgt Ion:264 Resp: 277561

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	23.0	18.5	27.7