Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040053.D
Acq On : 21 Mar 2019 2:27
Operator : JU/SJ
Sample : K1941-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-2

Quant Time: Mar 21 11:46:26 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	43812	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	195836	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	130763	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	296289	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	277583	20.00	ng	-0.03
87) Perylene-d12	25.15	264	287776	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	169492	66.00	ng	-0.02
7) Phenol-d6	7.29	99	153692	40.14	ng	-0.02
23) Nitrobenzene-d5	9.32	82	365907	101.05	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	231722	152.03	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	912672	99.38	ng	-0.02
79) Terphenyl-d14	20.11	244	1180195	93.61	ng	-0.02
Target Compounds						Qvalue

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

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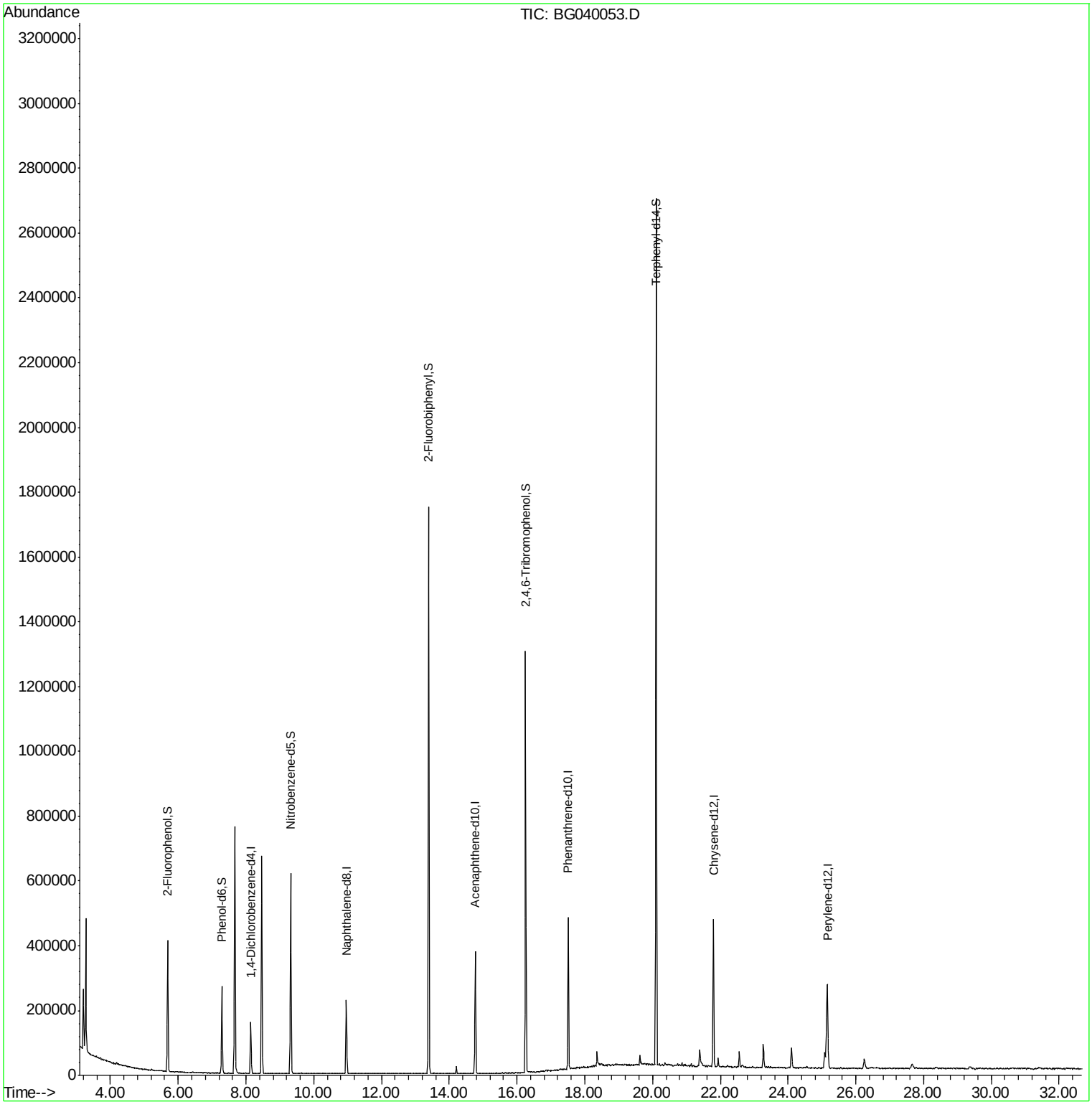
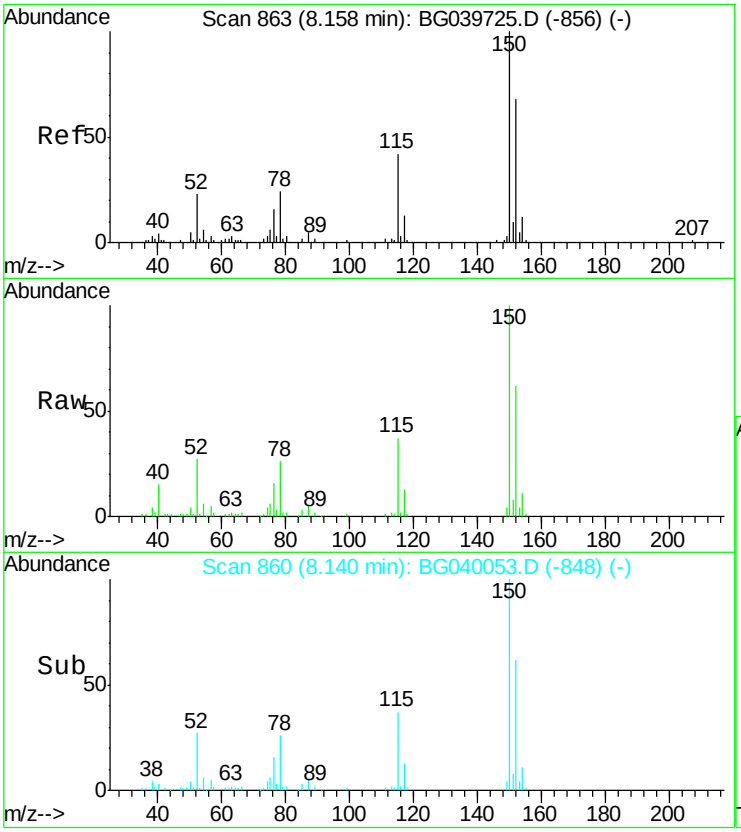


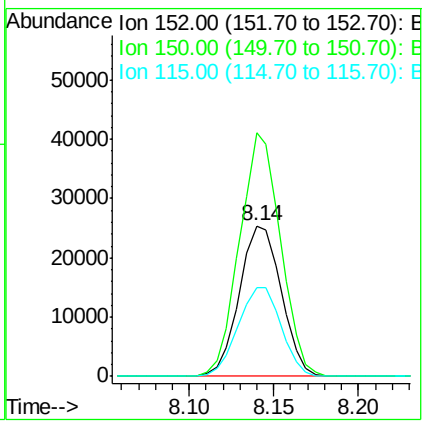


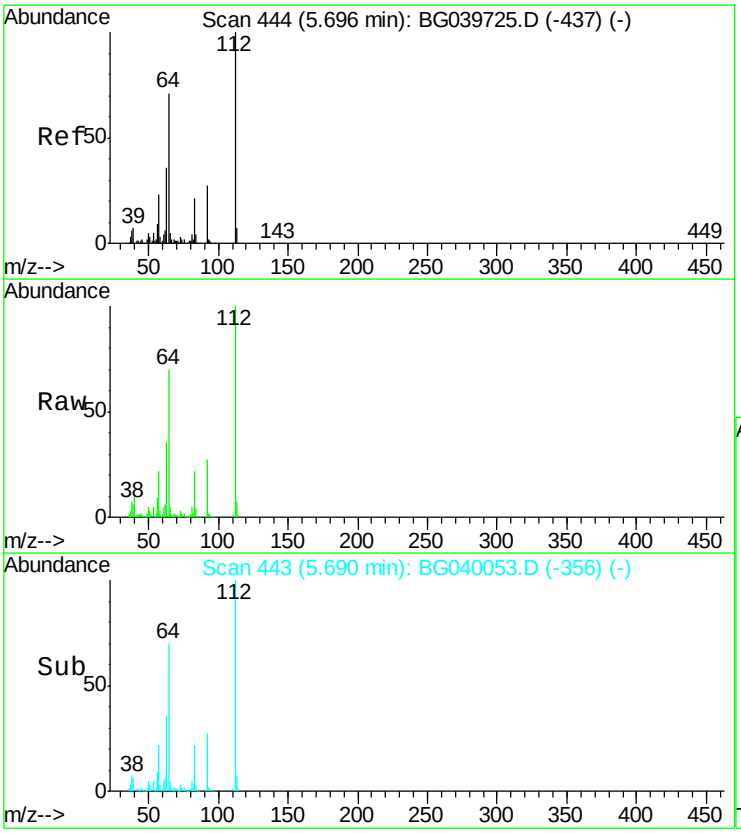
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040053.D
Acq: 21 Mar 2019 2:27

Instrument :
BNA_G
ClientSampleId :
T-2

Tgt Ion:152 Resp: 43812

Ion	Ratio	Lower	Upper
152	100		
150	162.2	123.7	185.5
115	59.3	45.9	68.9

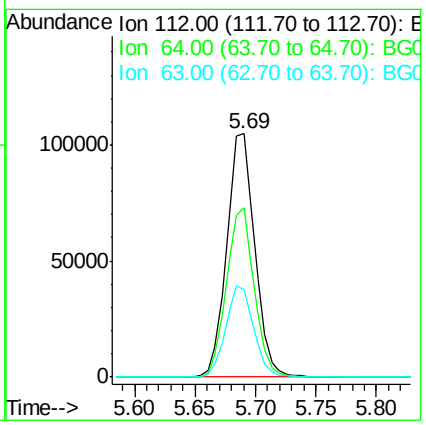


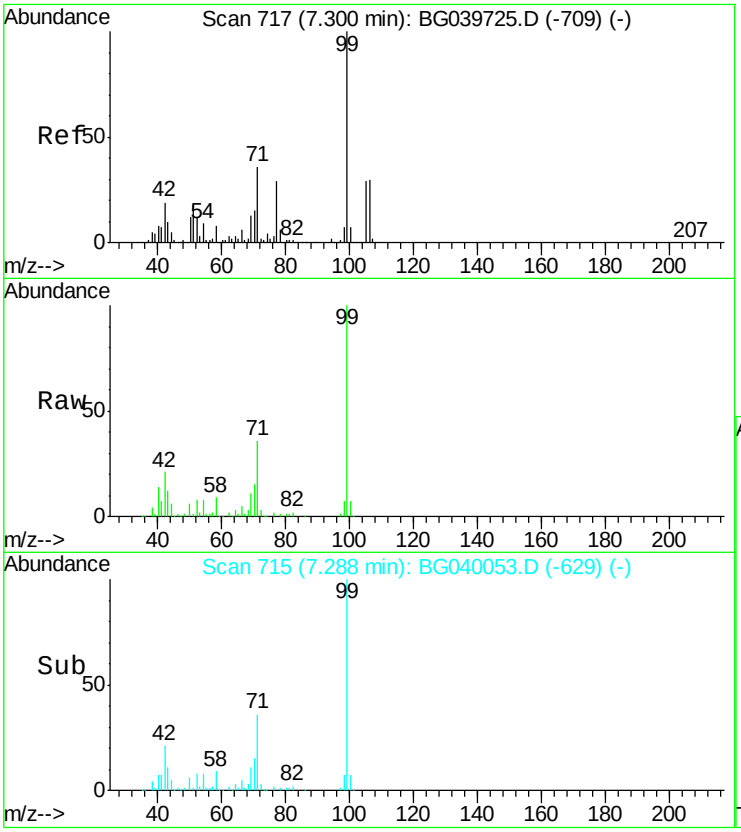


#5
2-Fluorophenol
Concen: 65.999 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040053.D
Acq: 21 Mar 2019 2:27

Tgt Ion:112 Resp: 169492

Ion	Ratio	Lower	Upper
112	100		
64	69.7	57.8	86.8
63	35.7	29.8	44.6



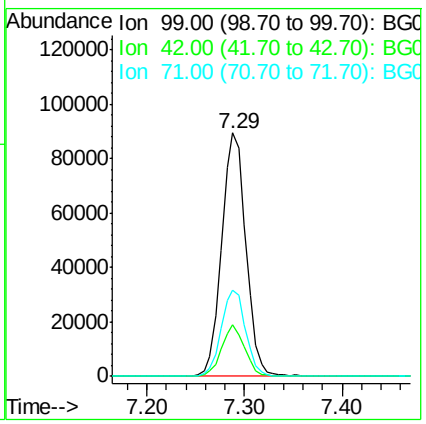


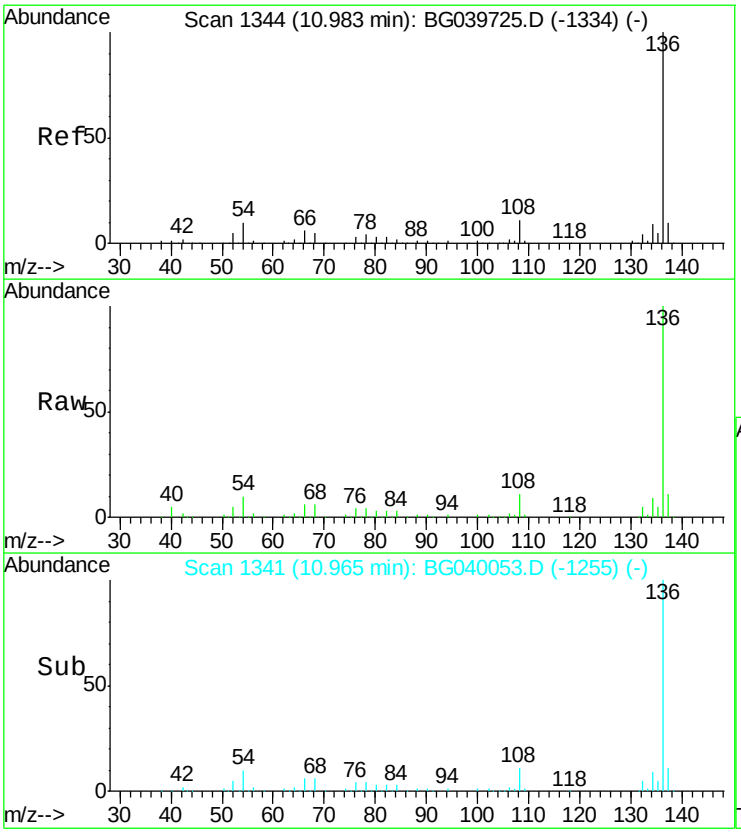
#7
Phenol-d6
Concen: 40.137 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.02 min
Lab File: BG040053.D
Acq: 21 Mar 2019 2:27

Instrument :
BNA_G
ClientSampleId :
T-2

Tgt Ion: 99 Resp: 153692

Ion	Ratio	Lower	Upper
99	100		
42	21.3	18.2	27.2
71	35.6	28.0	42.0

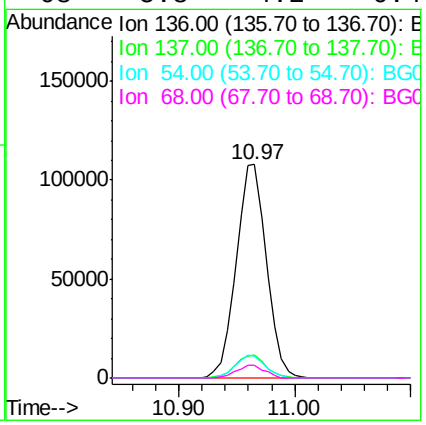


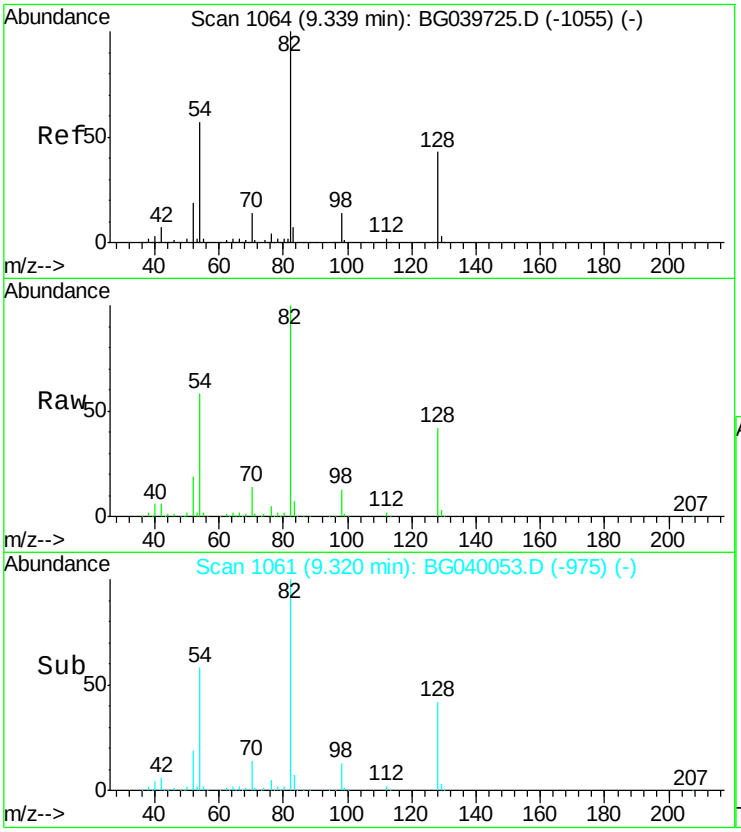


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040053.D
Acq: 21 Mar 2019 2:27

Tgt Ion:136 Resp: 195836

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	10.2	9.4	14.2
68	5.8	4.2	6.4



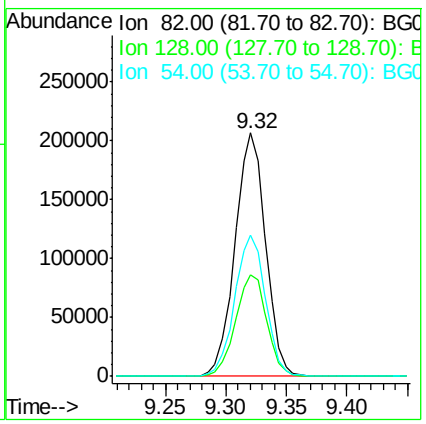


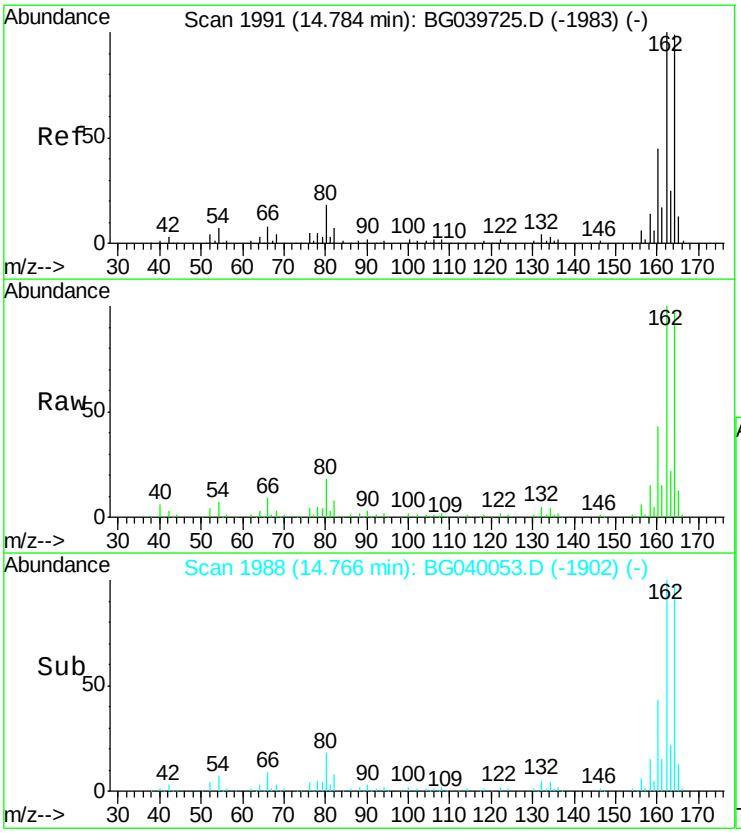
#23
Nitrobenzene-d5
Concen: 101.053 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040053.D
Acq: 21 Mar 2019 2:27

Instrument :
BNA_G
ClientSampleId :
T-2

Tgt Ion: 82 Resp: 365907

Ion	Ratio	Lower	Upper
82	100		
128	41.9	31.3	46.9
54	58.2	50.9	76.3

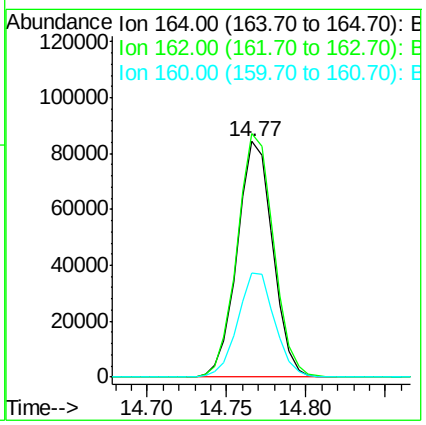


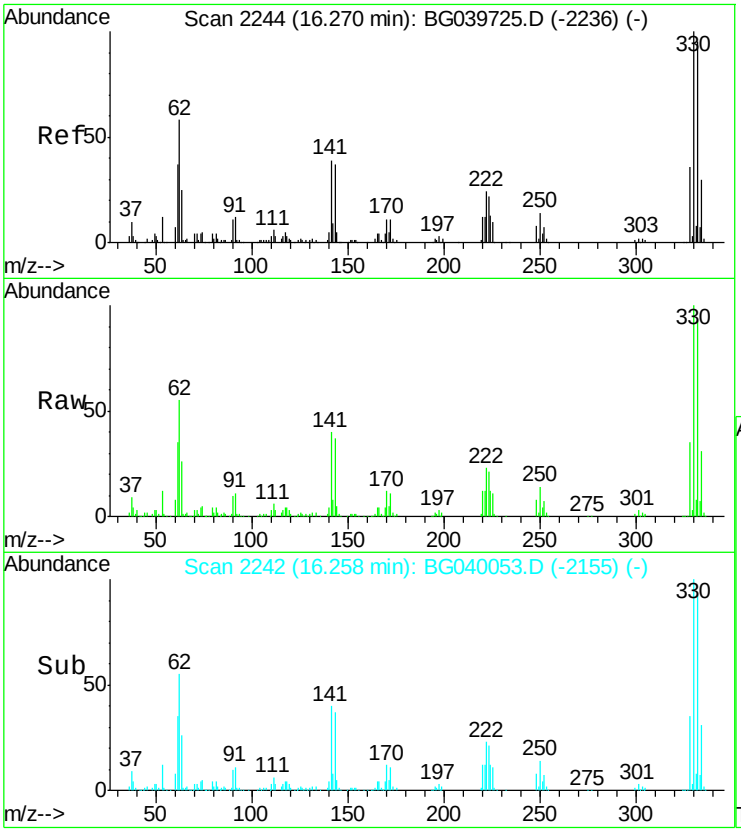


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040053.D
Acq: 21 Mar 2019 2:27

Tgt Ion:164 Resp: 130763

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.6	122.4
160	44.1	34.2	51.2



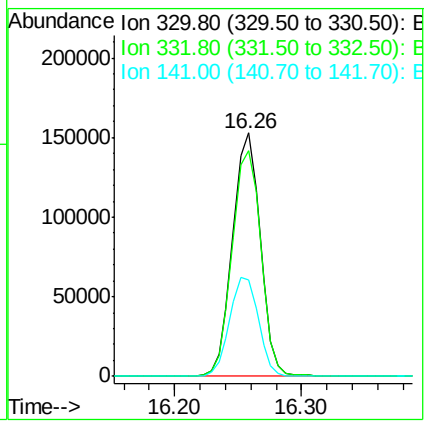


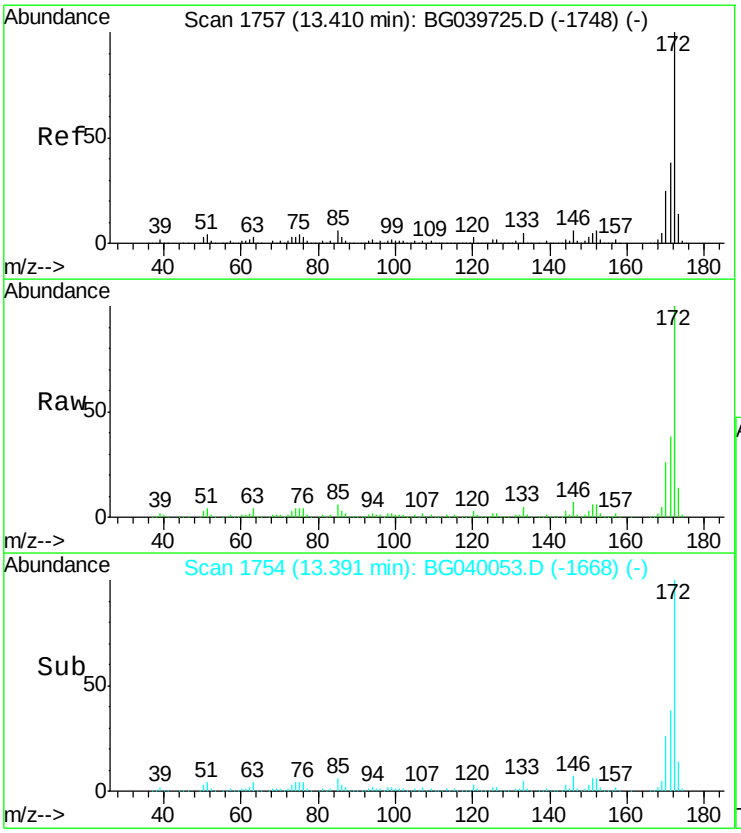
#42
2,4,6-Tribromophenol
Concen: 152.035 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG040053.D
Acq: 21 Mar 2019 2:27

Instrument :
BNA_G
ClientSampleId :
T-2

Tgt Ion:330 Resp: 231722

Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.7	113.5
141	42.6	35.6	53.4

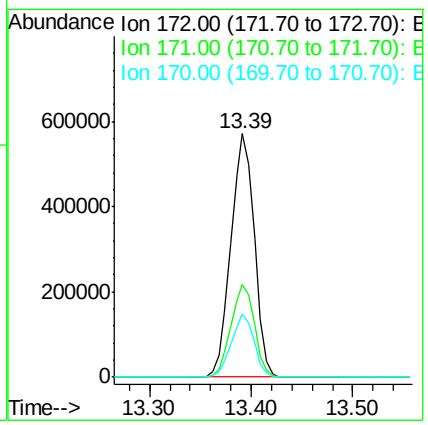


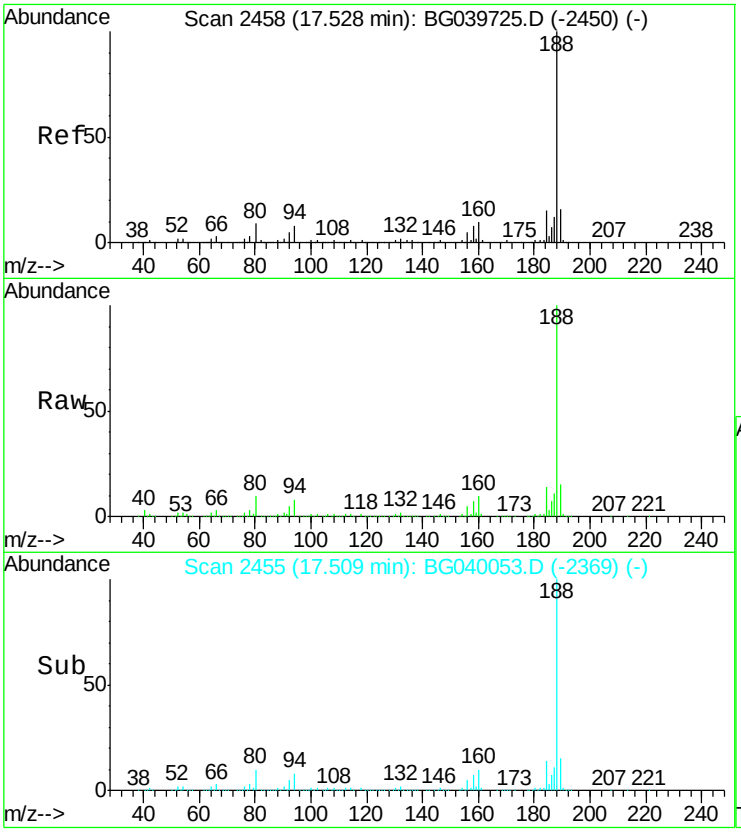


#45
2-Fluorobiphenyl
Concen: 99.377 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040053.D
Acq: 21 Mar 2019 2:27

Tgt Ion:172 Resp: 912672

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.8	46.2
170	26.1	20.2	30.4



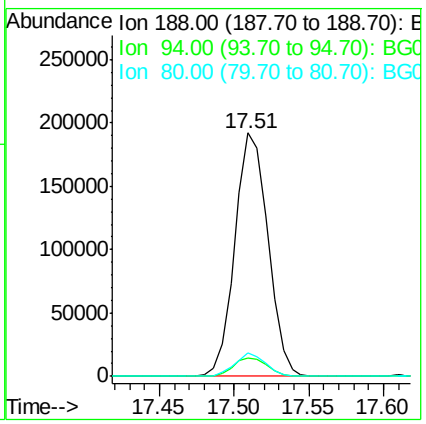


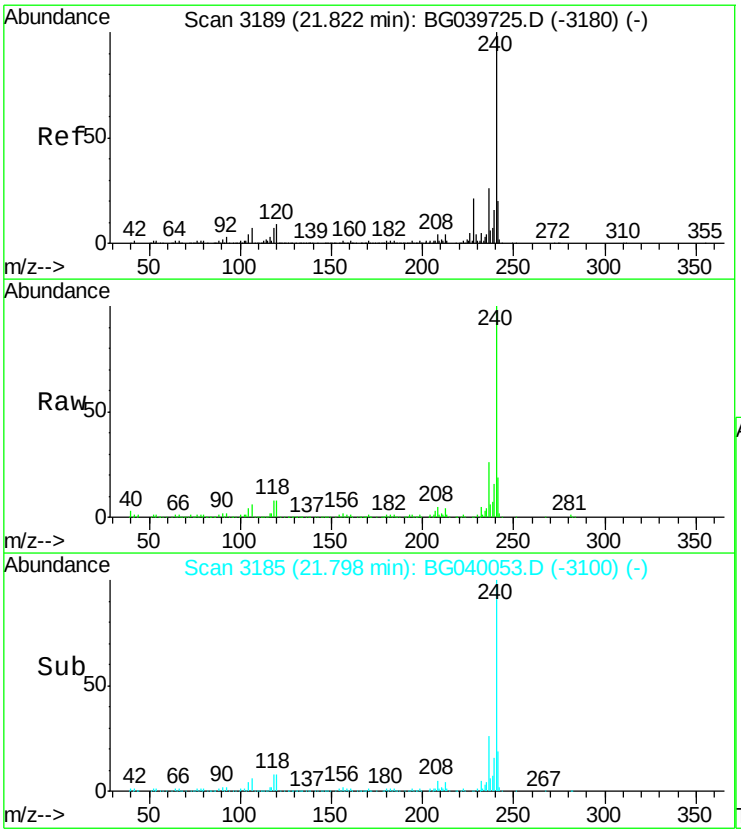
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040053.D
Acq: 21 Mar 2019 2:27

Instrument :
BNA_G
ClientSampleId :
T-2

Tgt Ion:188 Resp: 296289

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	9.6	8.1	12.1

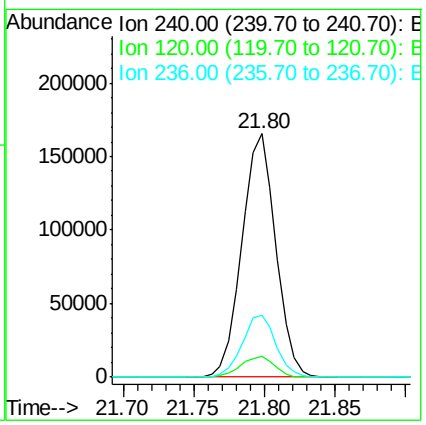


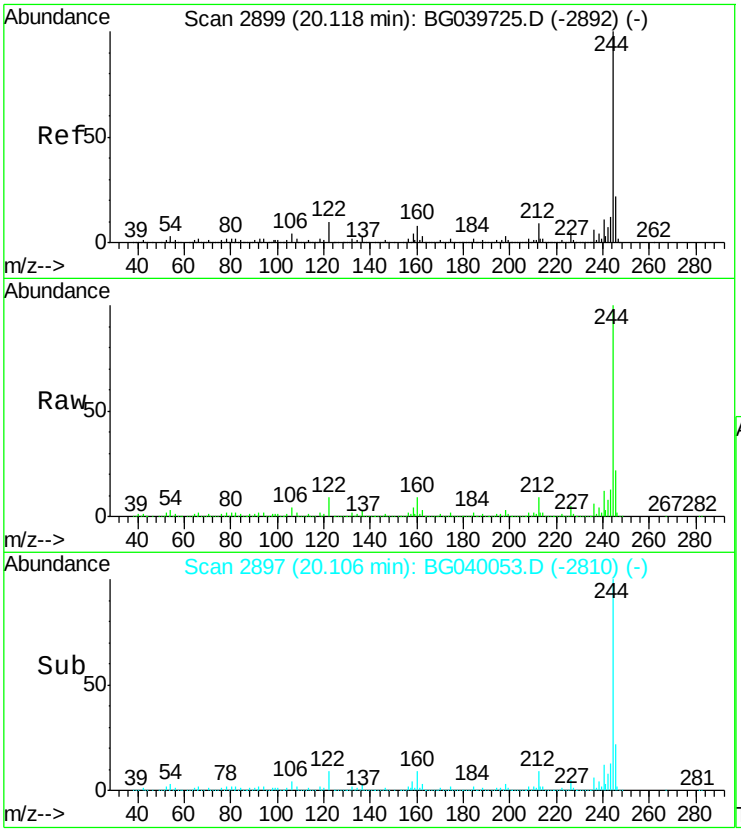


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040053.D
Acq: 21 Mar 2019 2:27

Tgt Ion:240 Resp: 277583

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.0	10.6
236	25.6	21.0	31.4



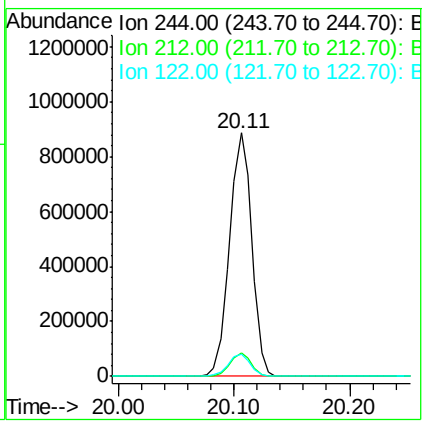


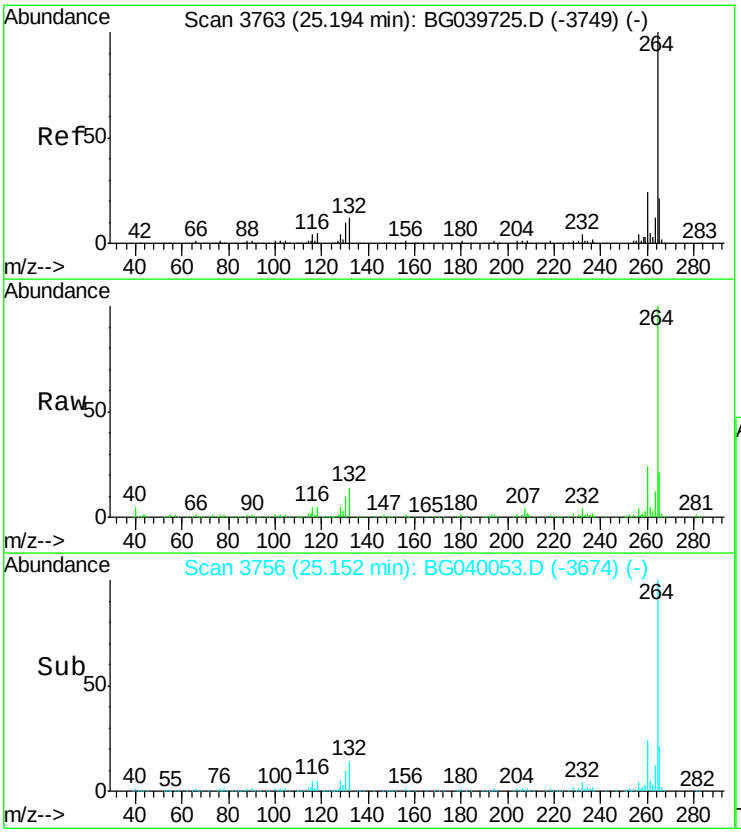
#79
Terphenyl-d14
Concen: 93.614 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040053.D
Acq: 21 Mar 2019 2:27

Instrument :
BNA_G
ClientSampleId :
T-2

Tgt Ion:244 Resp: 1180195

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	9.0	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3756
Delta R.T. -0.05 min
Lab File: BG040053.D
Acq: 21 Mar 2019 2:27

Tgt Ion:264 Resp: 287776

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	20.8	18.5	27.7