Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040044.D
Acq On : 20 Mar 2019 20:24
Operator : JU/SJ
Sample : K1935-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(10-11)

Quant Time: Mar 21 10:45:45 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	51530	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	219483	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	142017	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	315015	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	321742	20.00	ng	-0.03
87) Perylene-d12	25.15	264	338434	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	408663	135.30	ng	-0.02
7) Phenol-d6	7.29	99	600135	133.25	ng	-0.02
23) Nitrobenzene-d5	9.32	82	379392	93.49	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	221896	134.05	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	701623	70.34	ng	-0.02
79) Terphenyl-d14	20.11	244	855840	58.57	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	14.21	163	82773	6.970	ng	100

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

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BNA_G
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SB-2(10-11)

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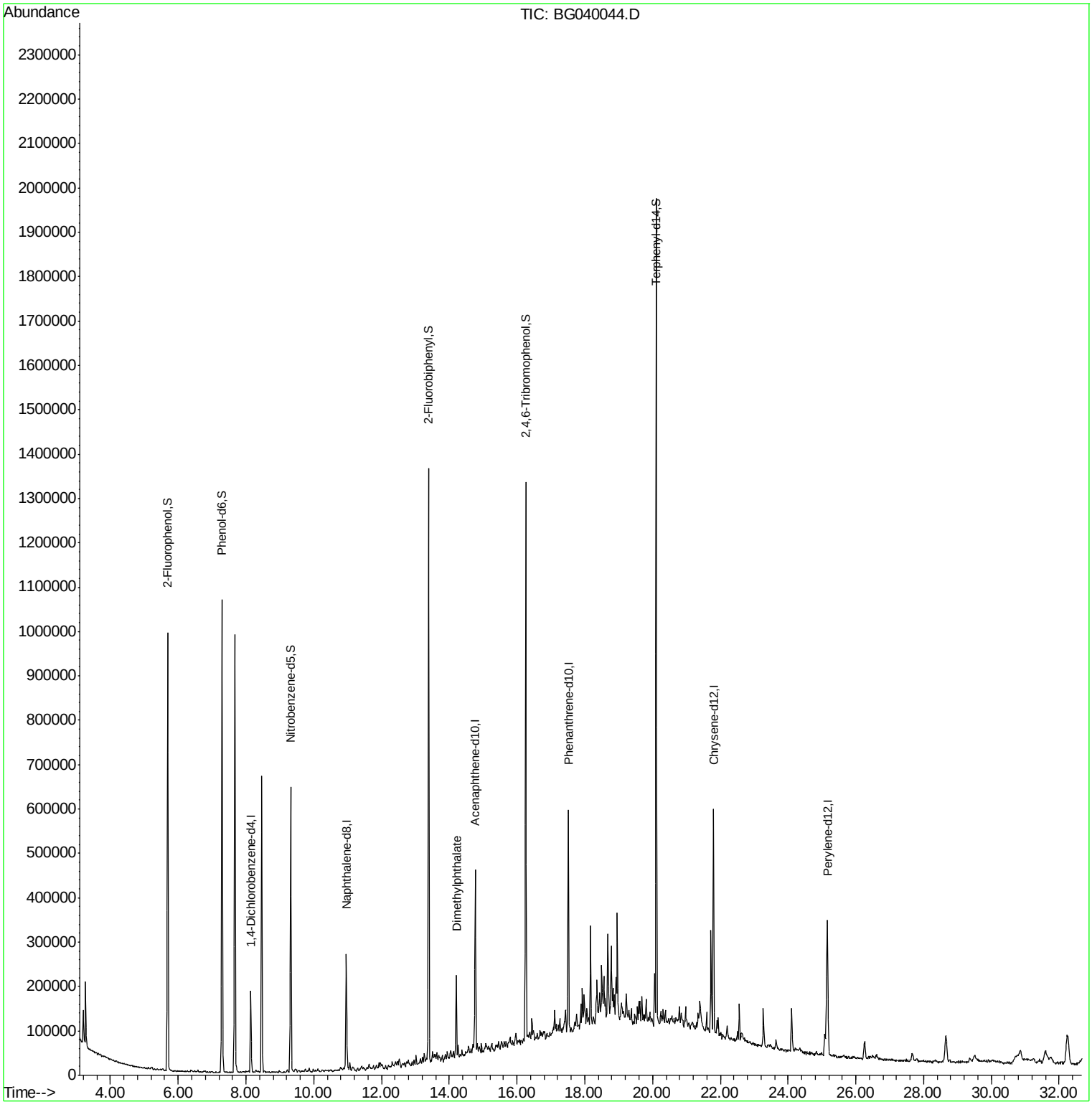
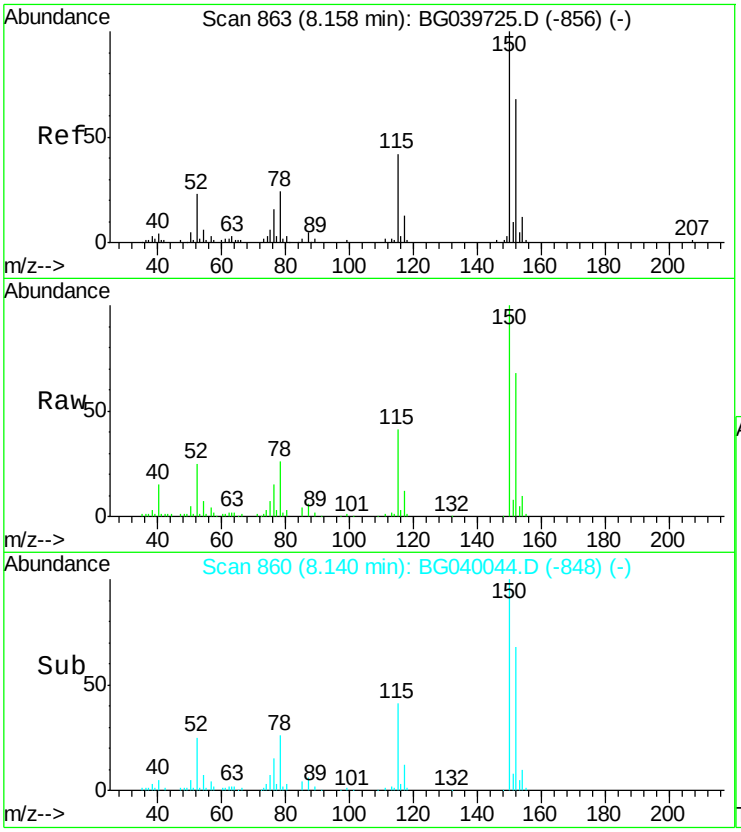


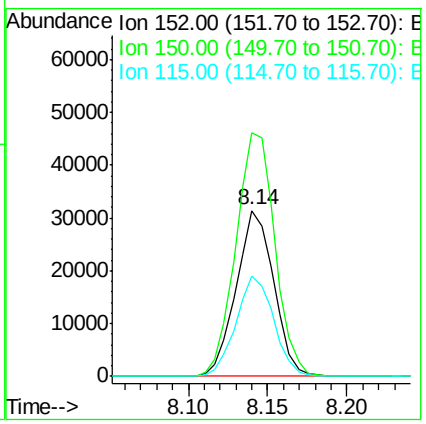


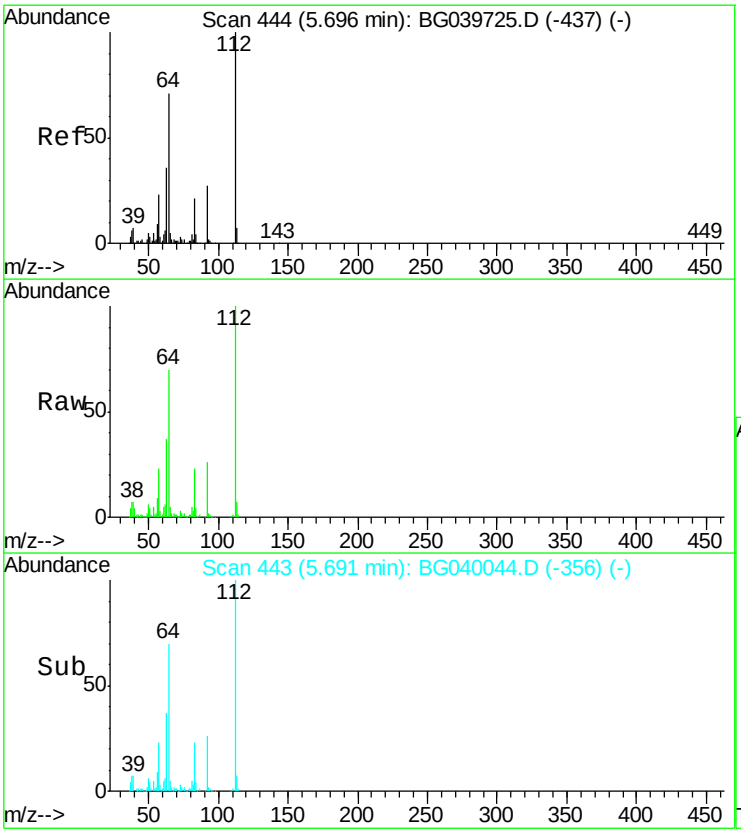
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040044.D
Acq: 20 Mar 2019 20:24

Instrument :
BNA_G
ClientSampleId :
SB-2(10-11)

Tgt Ion:152 Resp: 51530

Ion	Ratio	Lower	Upper
152	100		
150	147.0	123.7	185.5
115	60.3	45.9	68.9

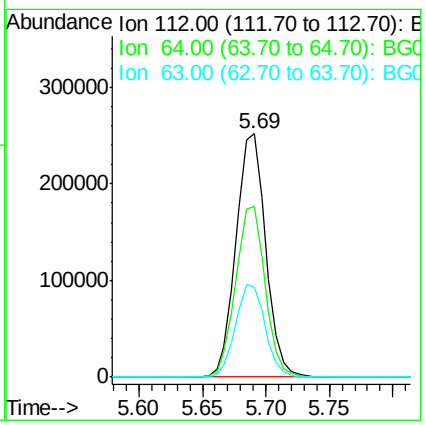


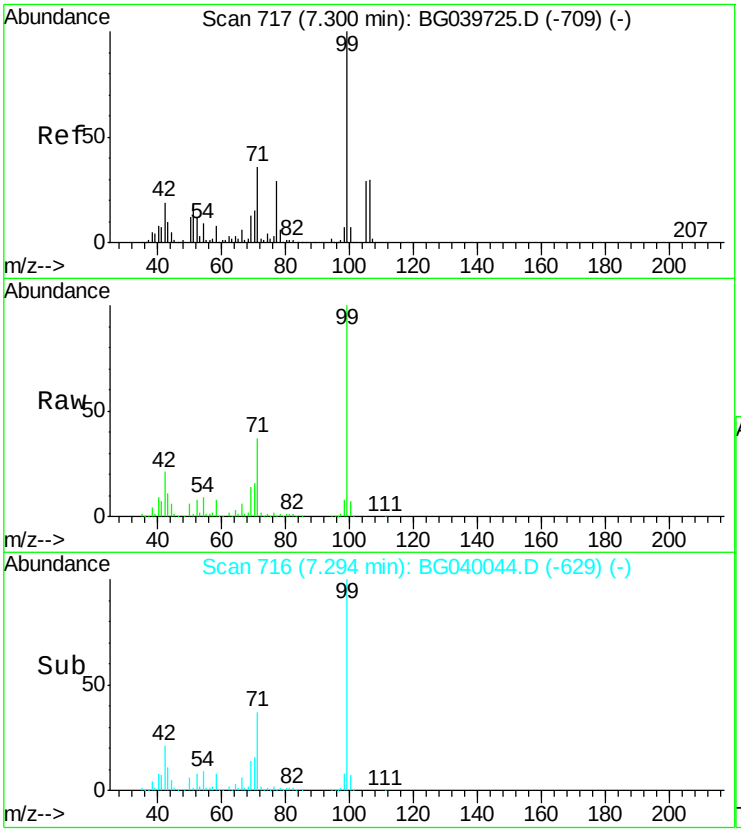


#5
2-Fluorophenol
Concen: 135.296 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040044.D
Acq: 20 Mar 2019 20:24

Tgt Ion:112 Resp: 408663

Ion	Ratio	Lower	Upper
112	100		
64	69.9	57.8	86.8
63	36.8	29.8	44.6



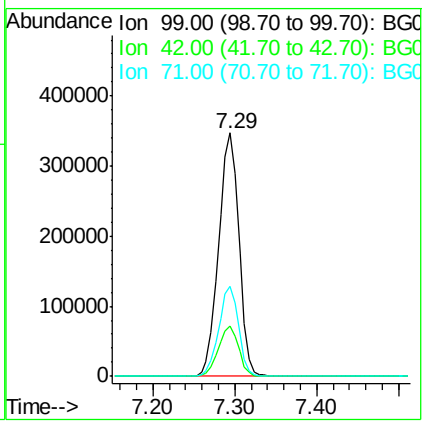


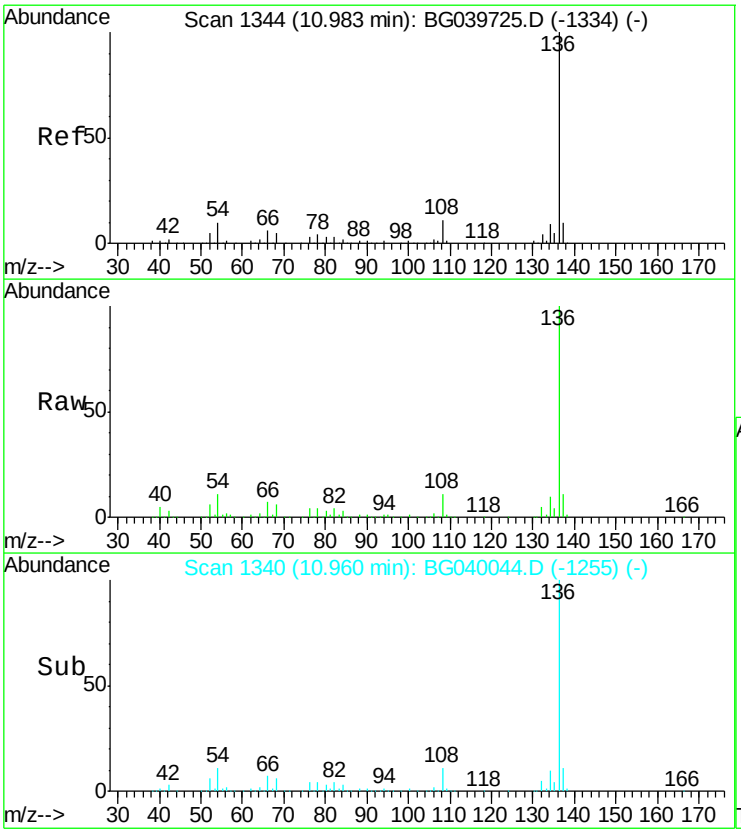
#7
Phenol-d6
Concen: 133.253 ng
RT: 7.29 min Scan# 716
Delta R.T. -0.02 min
Lab File: BG040044.D
Acq: 20 Mar 2019 20:24

Instrument :
BNA_G
ClientSampleId :
SB-2(10-11)

Tgt Ion: 99 Resp: 600135

Ion	Ratio	Lower	Upper
99	100		
42	20.6	18.2	27.2
71	37.2	28.0	42.0

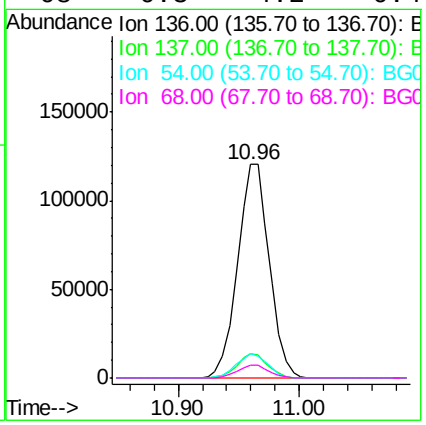


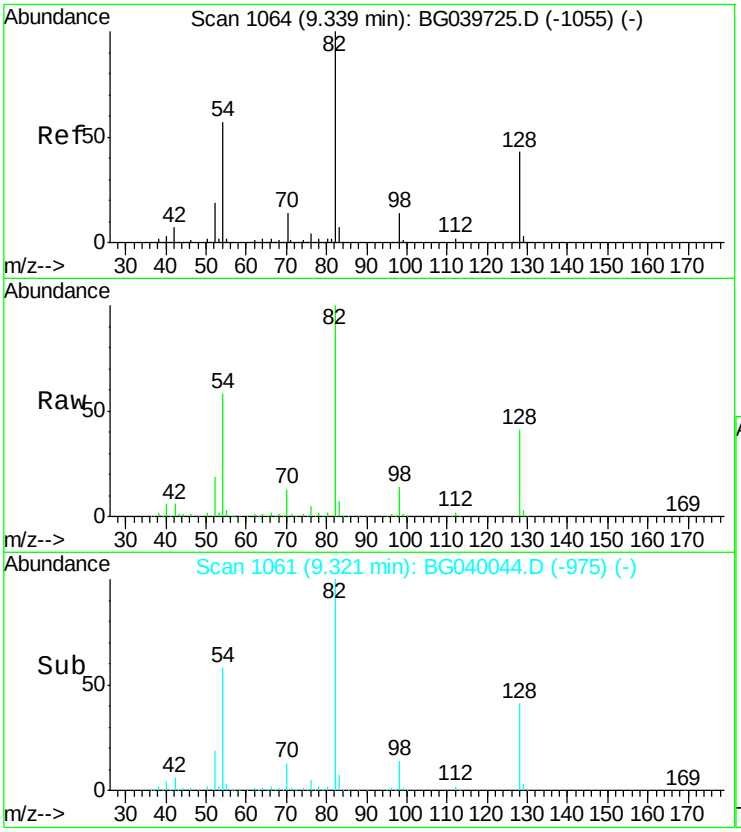


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040044.D
Acq: 20 Mar 2019 20:24

Tgt Ion:136 Resp: 219483

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	11.4	9.4	14.2
68	6.3	4.2	6.4



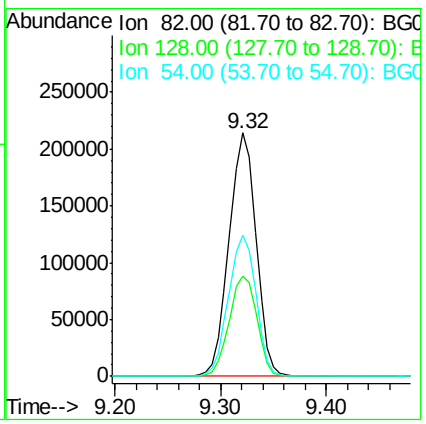


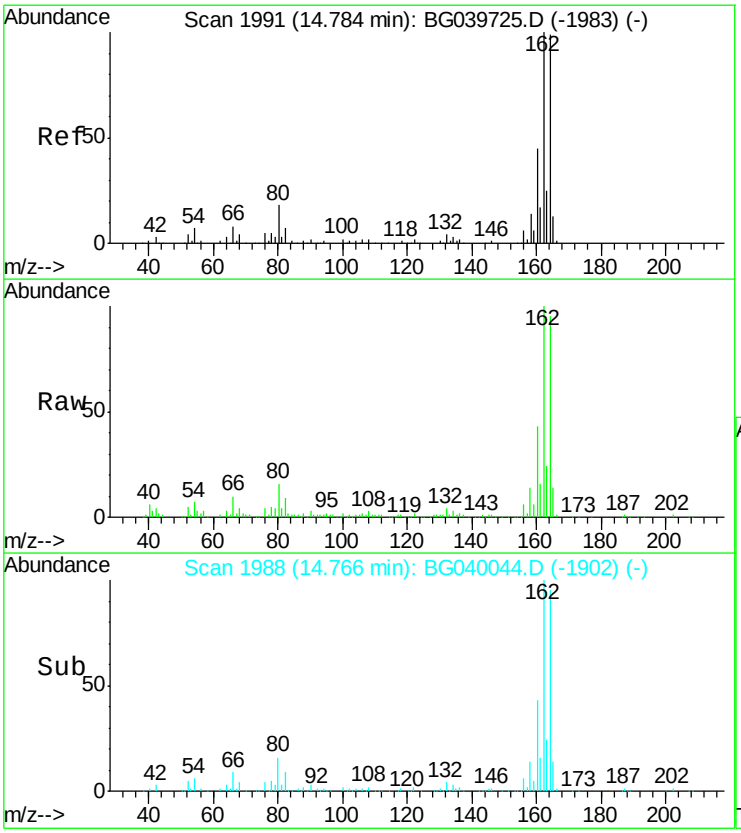
#23
Nitrobenzene-d5
Concen: 93.488 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040044.D
Acq: 20 Mar 2019 20:24

Instrument :
BNA_G
ClientSampleId :
SB-2(10-11)

Tgt Ion: 82 Resp: 379392

Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.3	46.9
54	57.9	50.9	76.3

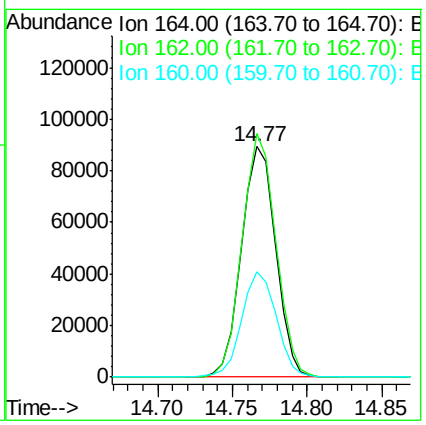


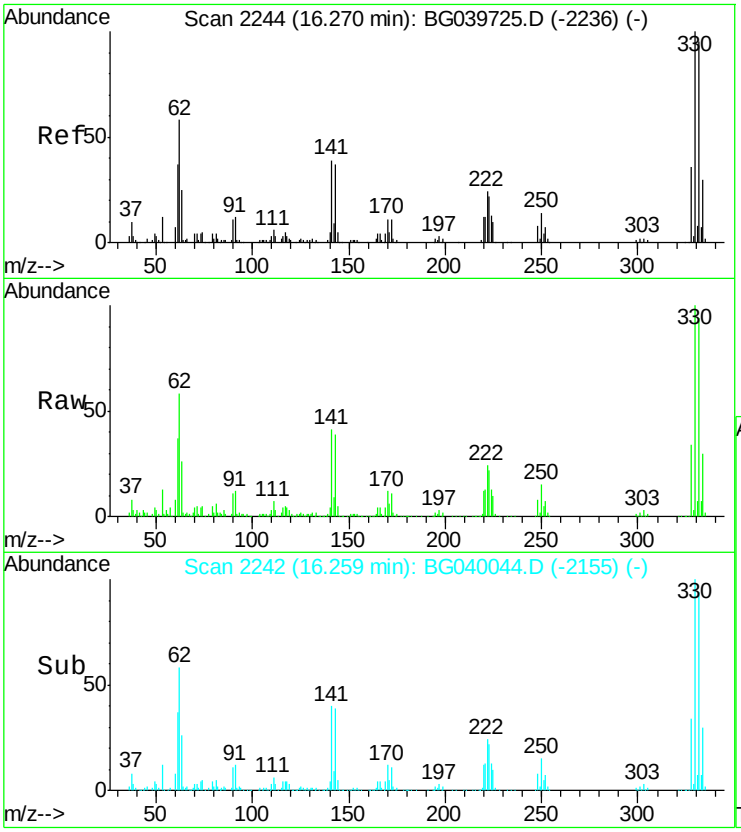


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040044.D
Acq: 20 Mar 2019 20:24

Tgt Ion:164 Resp: 142017

Ion	Ratio	Lower	Upper
164	100		
162	105.6	81.6	122.4
160	45.4	34.2	51.2



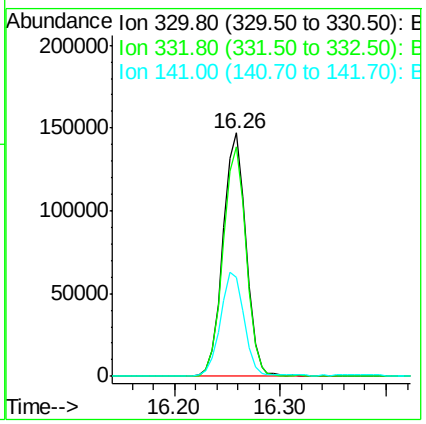


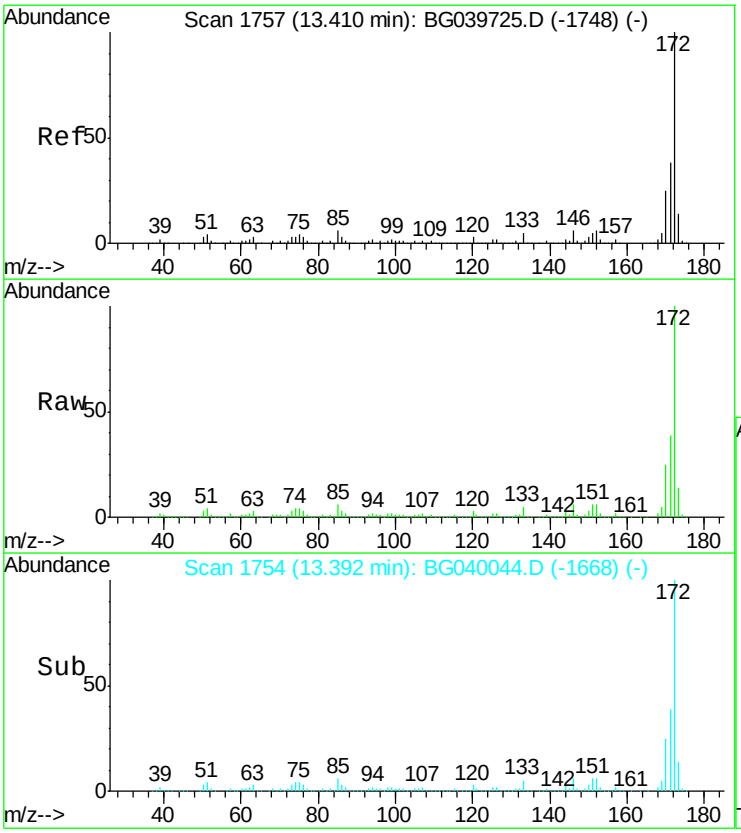
#42
2,4,6-Tribromophenol
Concen: 134.051 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG040044.D
Acq: 20 Mar 2019 20:24

Instrument :
BNA_G
ClientSampleId :
SB-2(10-11)

Tgt Ion:330 Resp: 221896

Ion	Ratio	Lower	Upper
330	100		
332	94.1	75.7	113.5
141	43.3	35.6	53.4

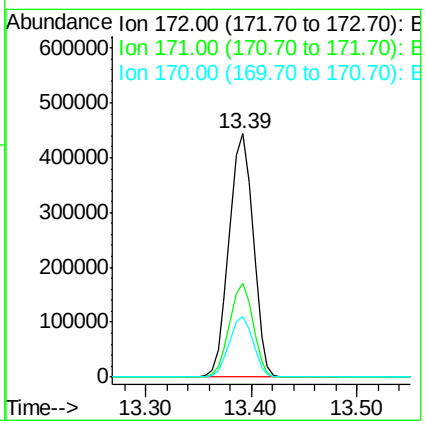


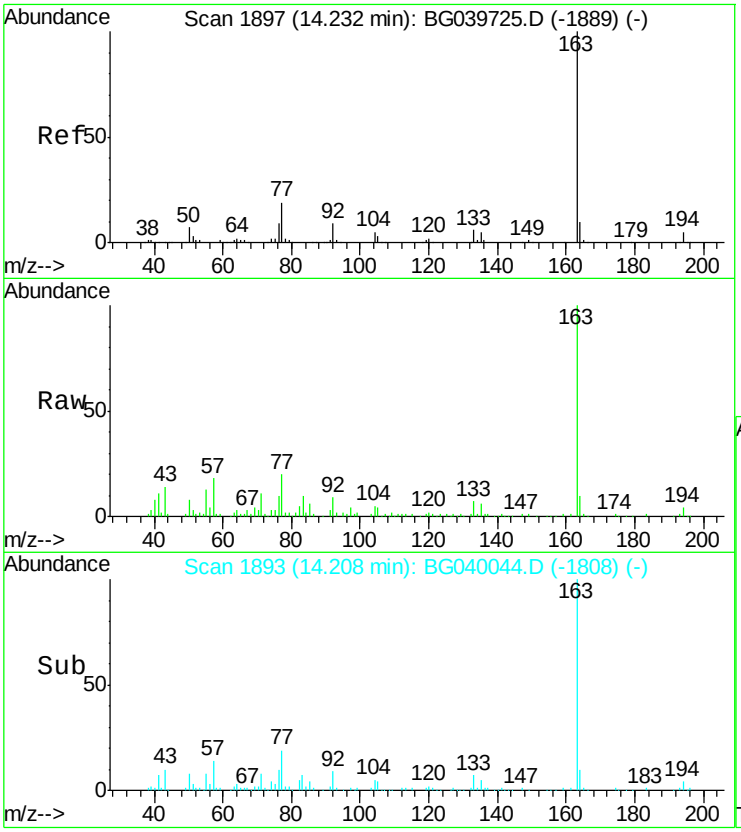


#45
2-Fluorobiphenyl
Concen: 70.343 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040044.D
Acq: 20 Mar 2019 20:24

Tgt Ion:172 Resp: 701623

Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.8	46.2
170	24.7	20.2	30.4



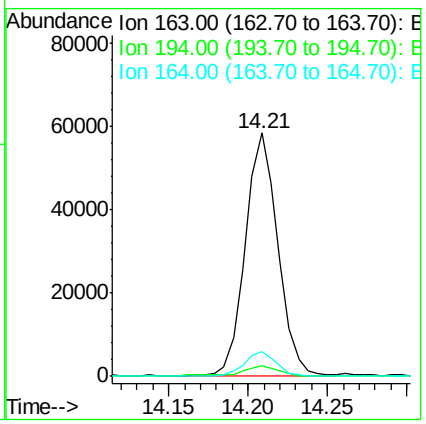


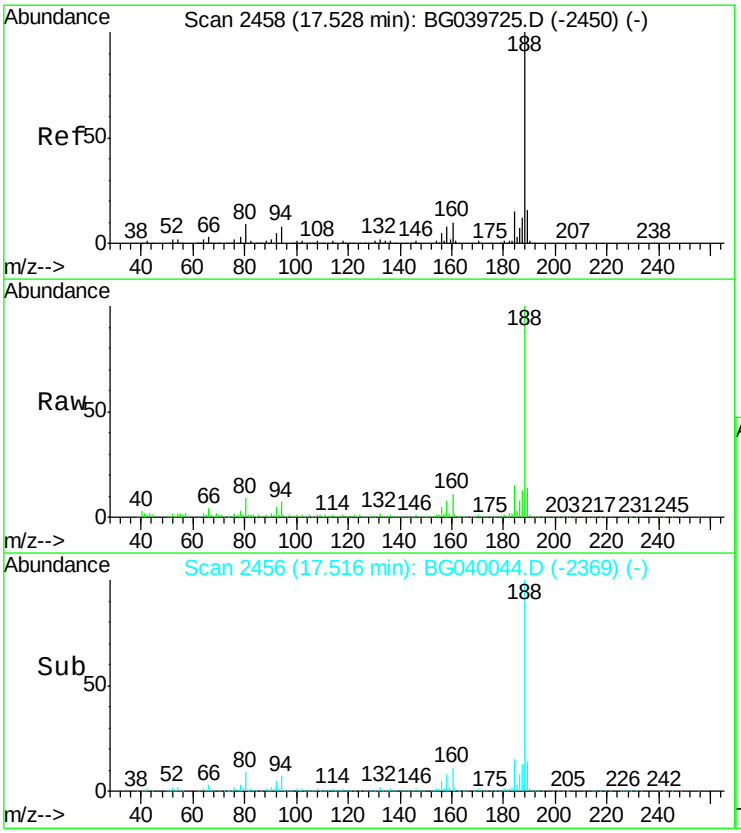
#50
Dimethylphthalate
Concen: 6.970 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG040044.D
Acq: 20 Mar 2019 20:24

Instrument :
BNA_G
ClientSampleId :
SB-2(10-11)

Tgt Ion:163 Resp: 82773

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	10.4	8.4	12.6

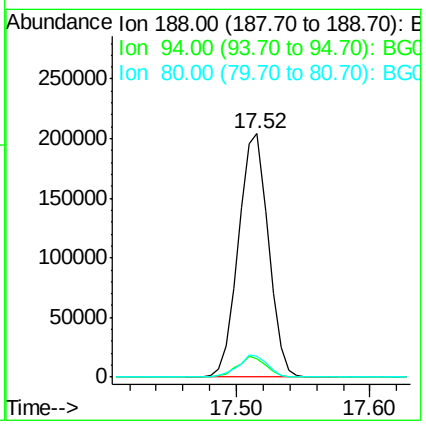


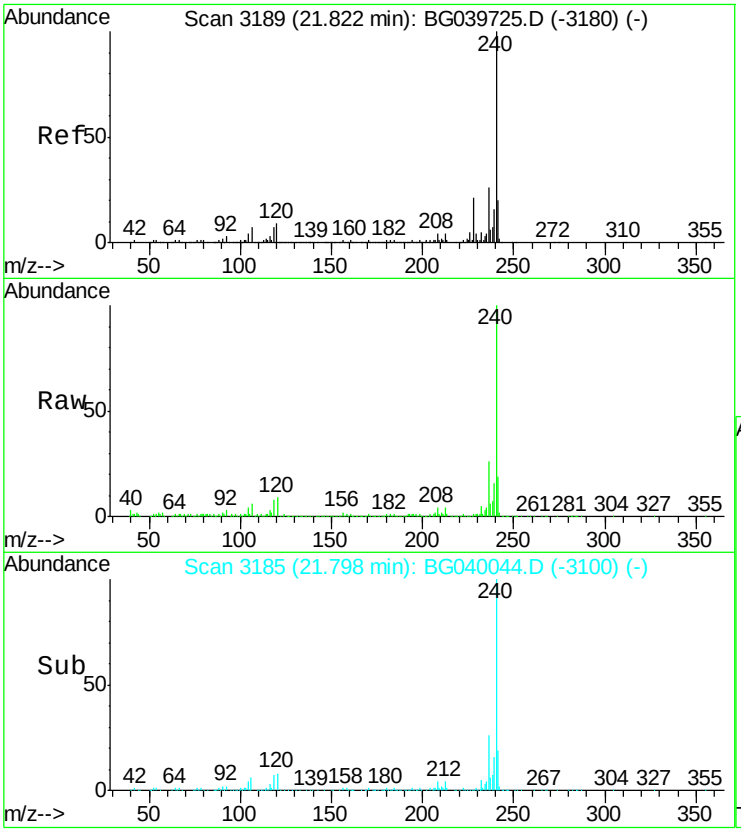


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040044.D
Acq: 20 Mar 2019 20:24

Tgt Ion:188 Resp: 315015

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	8.7	8.1	12.1



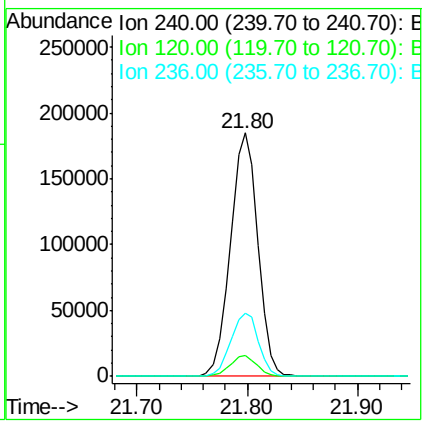


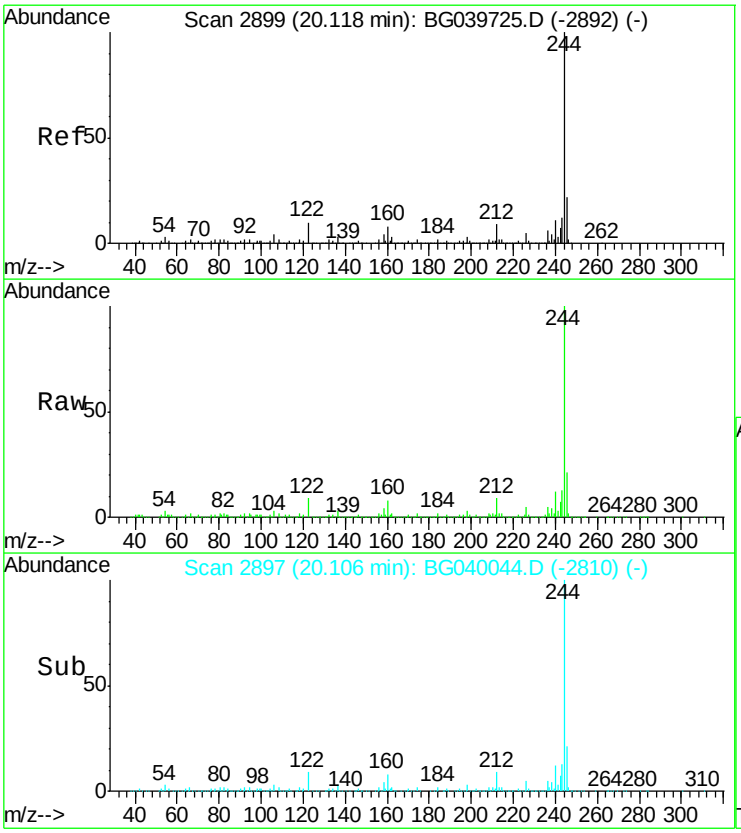
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040044.D
Acq: 20 Mar 2019 20:24

Instrument :
BNA_G
ClientSampleId :
SB-2(10-11)

Tgt Ion:240 Resp: 321742

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	25.7	21.0	31.4

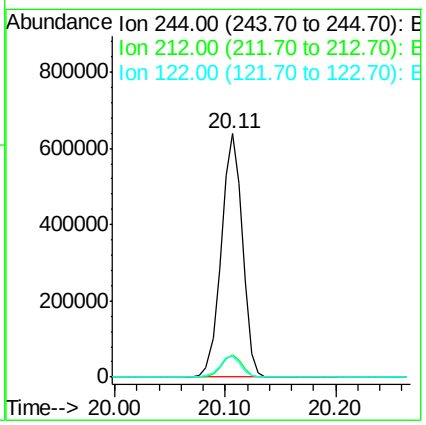


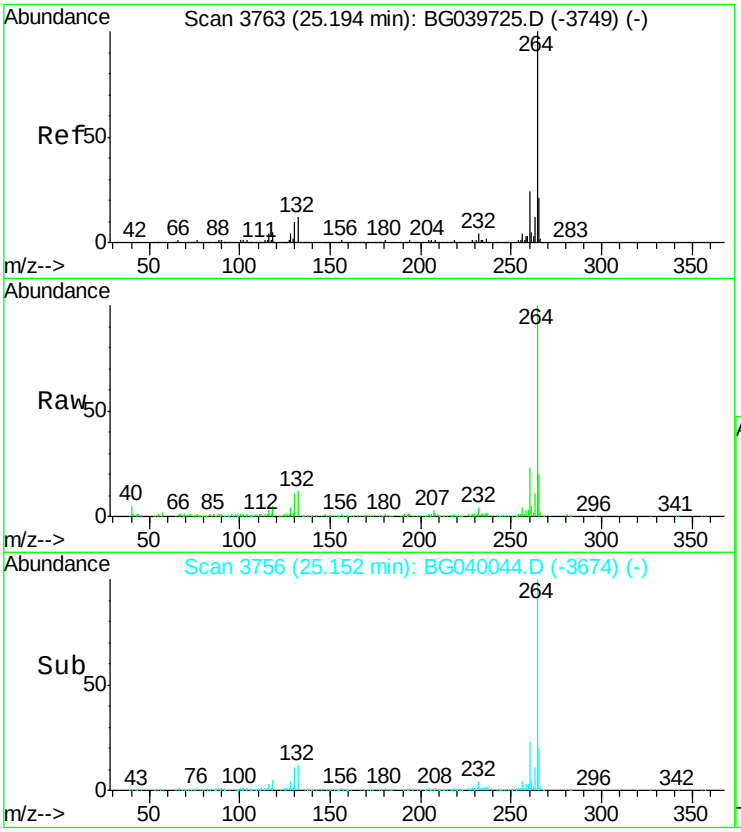


#79
Terphenyl-d14
Concen: 58.568 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040044.D
Acq: 20 Mar 2019 20:24

Tgt Ion:244 Resp: 855840

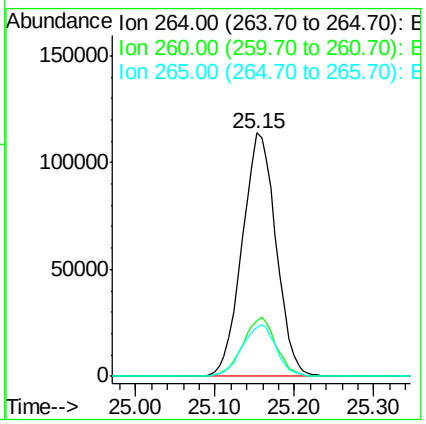
Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	8.8	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3756
Delta R.T. -0.05 min
Lab File: BG040044.D
Acq: 20 Mar 2019 20:24

Instrument :
BNA_G
ClientSampleId :
SB-2(10-11)

Tgt Ion:264 Resp: 338434

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	20.1	18.5	27.7