Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030519\
Data File : BG039772.D
Acq On : 5 Mar 2019 20:05
Operator : JU/SJ
Sample : K1727-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7

Quant Time: Mar 06 01:05:37 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	8.15	152	39943	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	189205	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	133511	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	323778	20.00	ng	0.00
76) Chrysene-d12	21.81	240	321031	20.00	ng	-0.02
87) Perylene-d12	25.18	264	324749	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	142735	60.96	ng	0.00
7) Phenol-d6	7.30	99	136830	39.19	ng	-0.02
23) Nitrobenzene-d5	9.34	82	301705	86.24	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	207637	133.43	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	737463	78.65	ng	0.00
79) Terphenyl-d14	20.12	244	1192693	81.80	ng	0.00
Target Compounds						Qvalue

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

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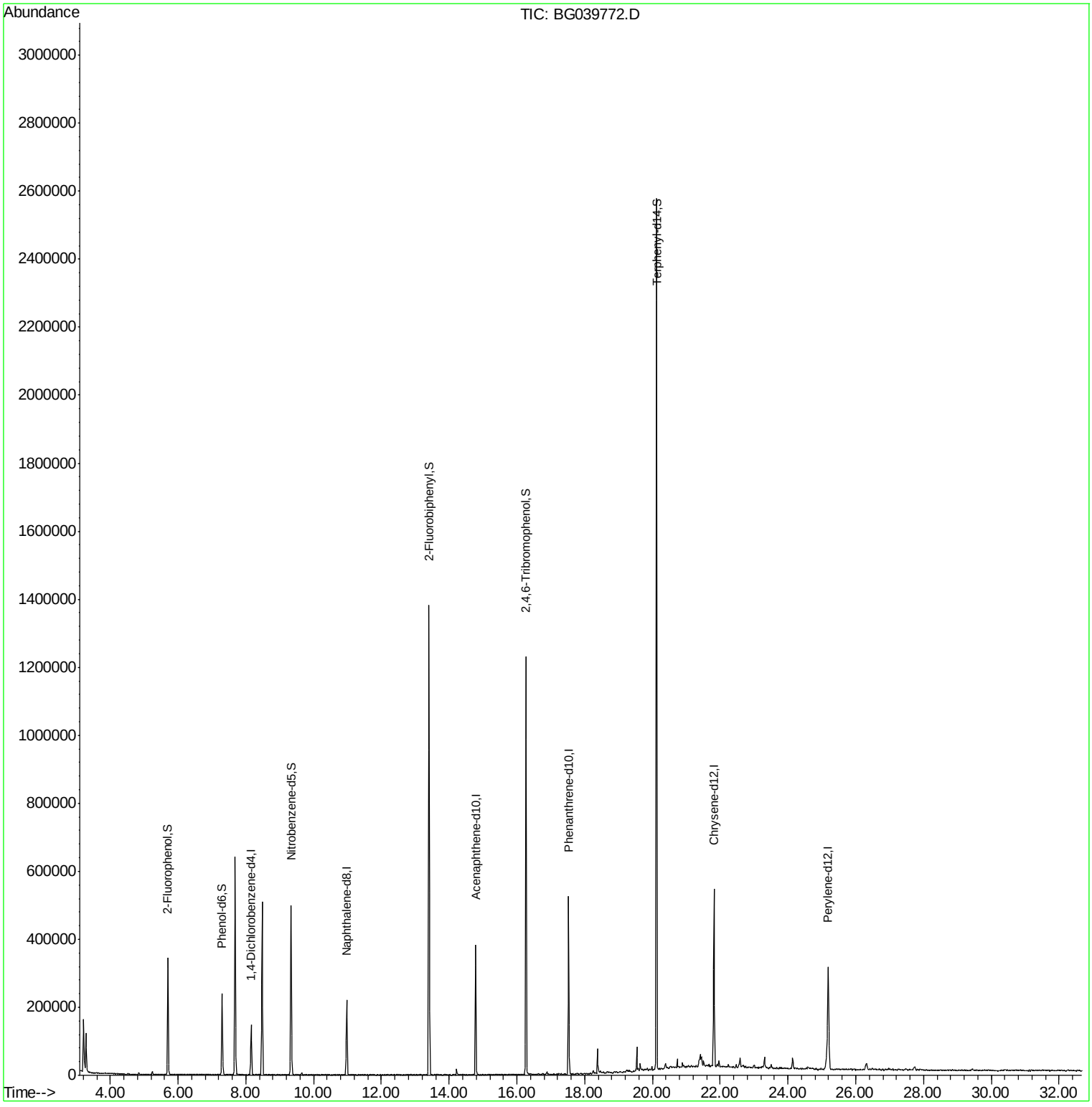
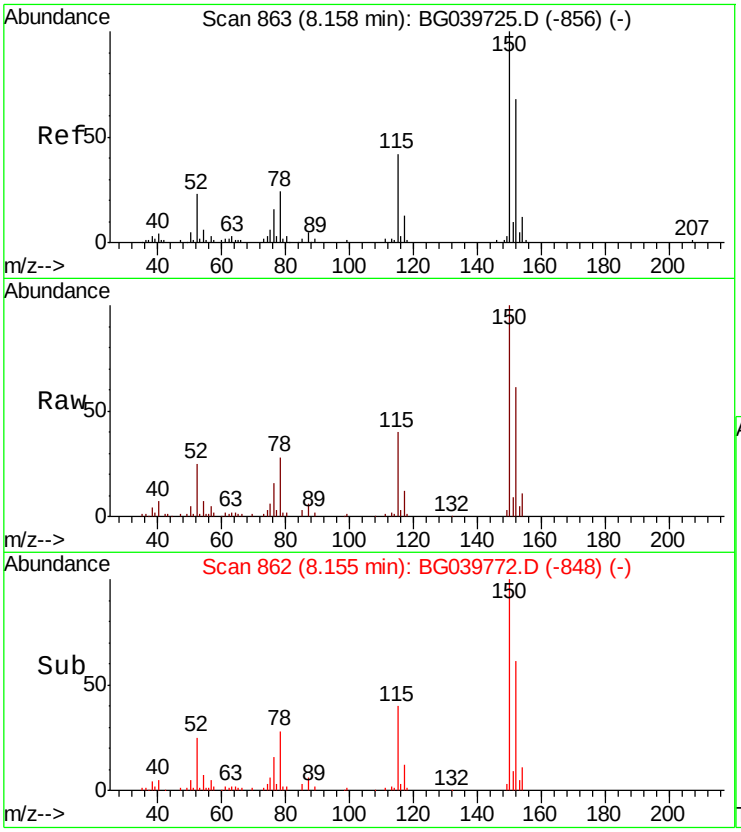


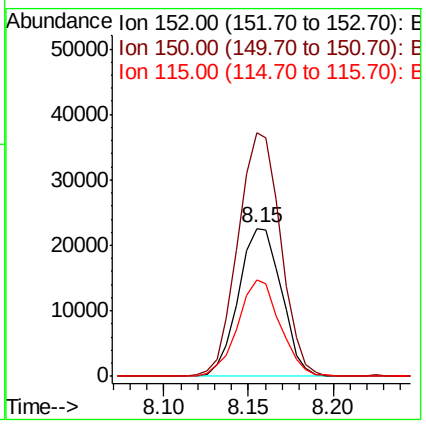


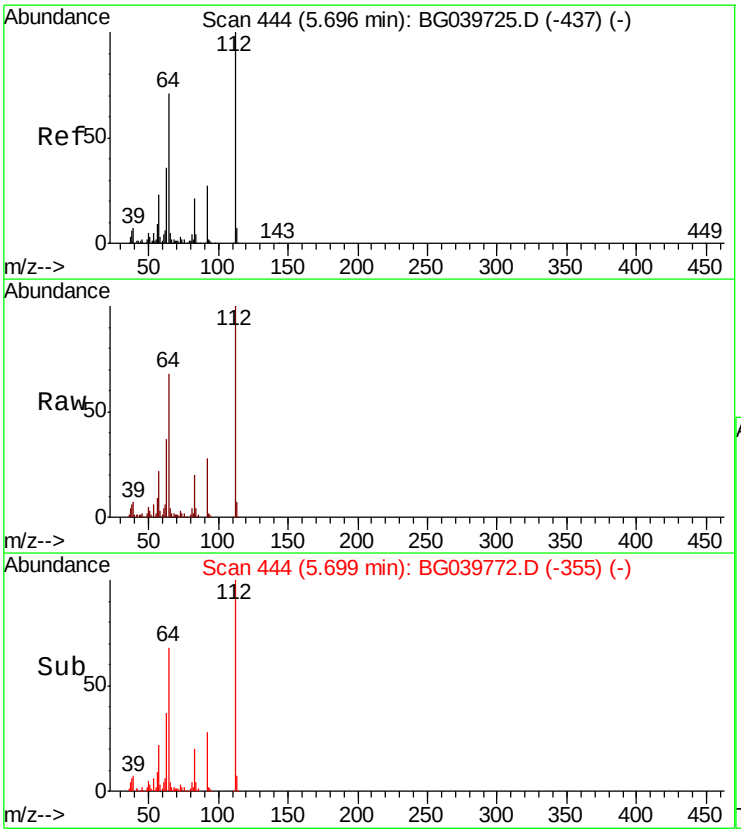
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

Instrument :
BNA_G
ClientSampleId :
MW-7

Tgt Ion:152 Resp: 39943

Ion	Ratio	Lower	Upper
152	100		
150	164.6	123.7	185.5
115	65.1	45.9	68.9

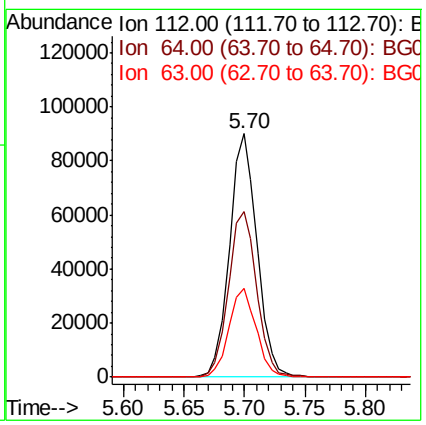


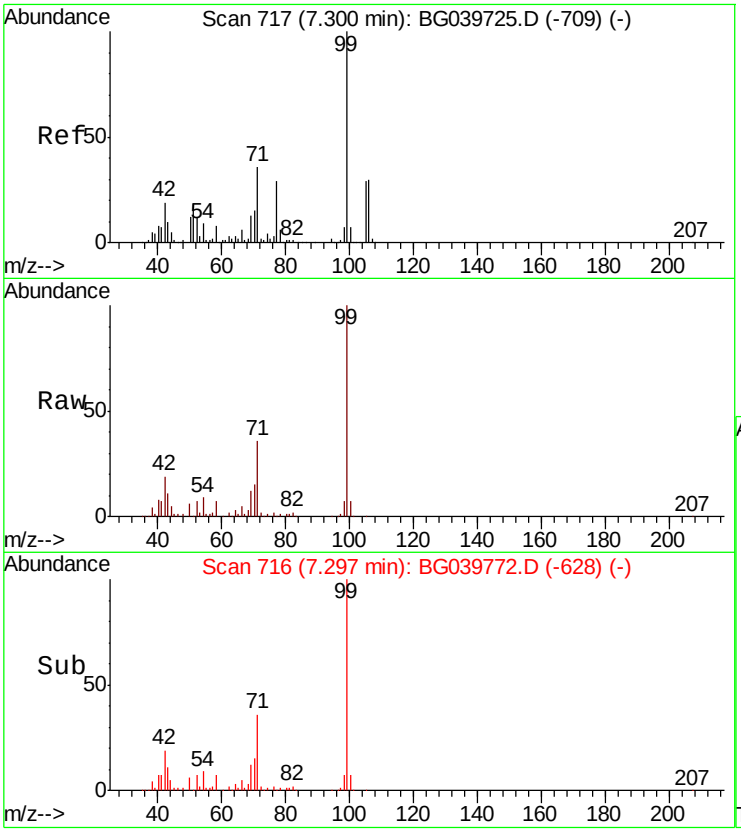


#5
2-Fluorophenol
Concen: 60.964 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

Tgt Ion:112 Resp: 142735

Ion	Ratio	Lower	Upper
112	100		
64	68.1	57.8	86.8
63	36.7	29.8	44.6



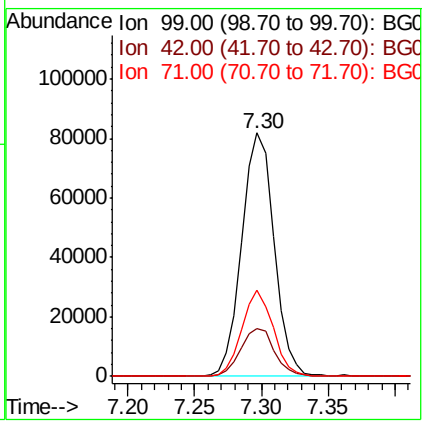


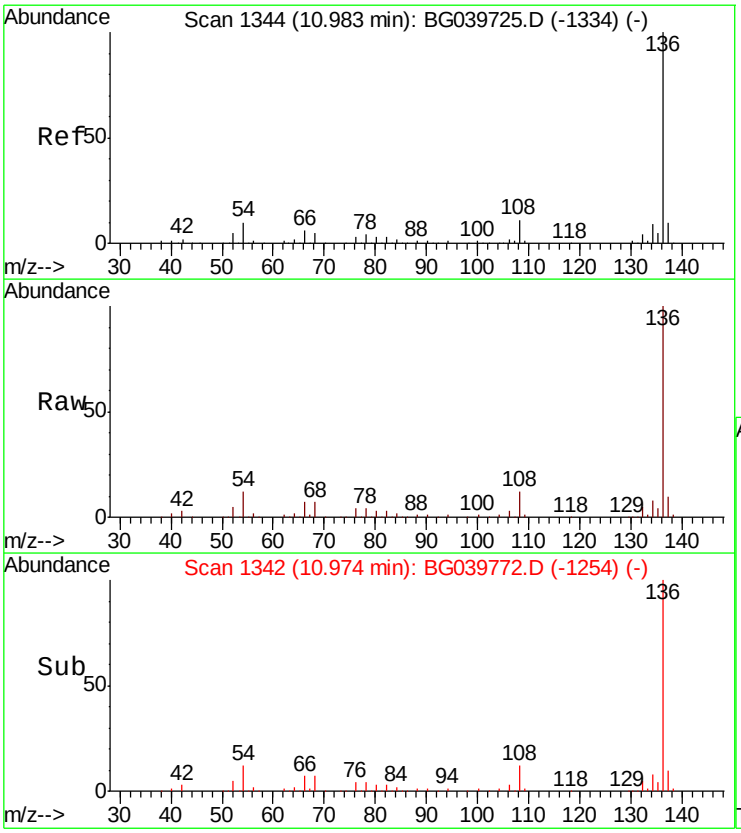
#7
Phenol-d6
Concen: 39.195 ng
RT: 7.30 min Scan# 716
Delta R.T. -0.02 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

Instrument :
BNA_G
ClientSampleId :
MW-7

Tgt Ion: 99 Resp: 136830

Ion	Ratio	Lower	Upper
99	100		
42	19.5	18.2	27.2
71	35.6	28.0	42.0

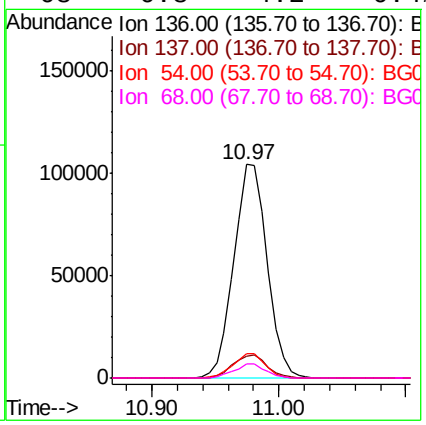


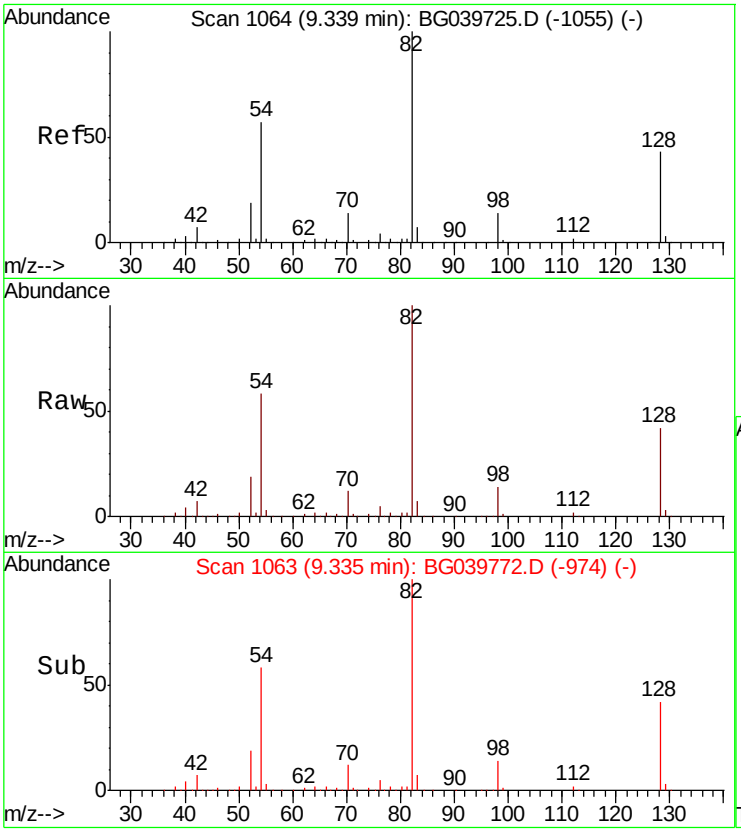


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

Tgt Ion:136 Resp: 189205

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.1	13.7
54	11.5	9.4	14.2
68	6.8	4.2	6.4#



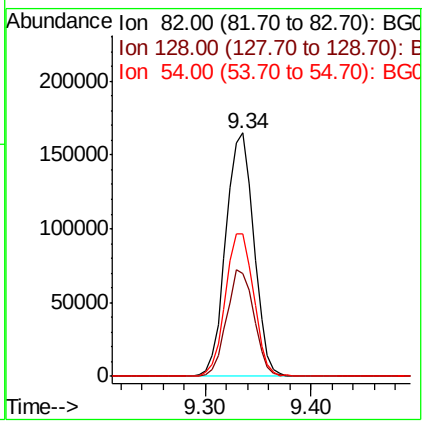


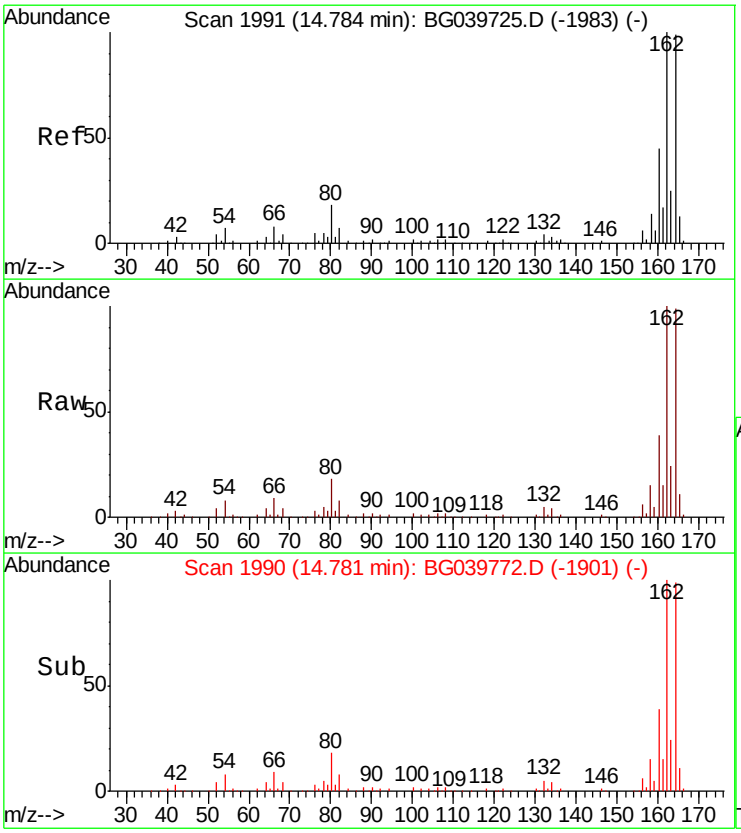
#23
Nitrobenzene-d5
Concen: 86.242 ng
RT: 9.34 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

Instrument :
BNA_G
ClientSampleId :
MW-7

Tgt Ion: 82 Resp: 301705

Ion	Ratio	Lower	Upper
82	100		
128	42.1	31.3	46.9
54	58.5	50.9	76.3

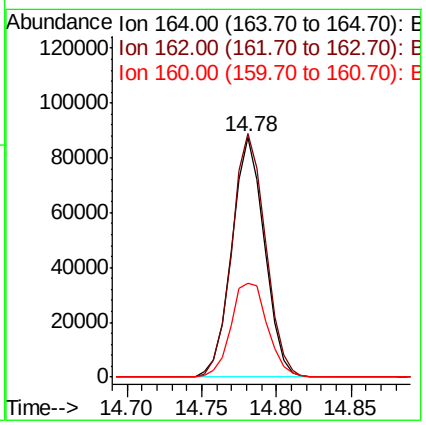


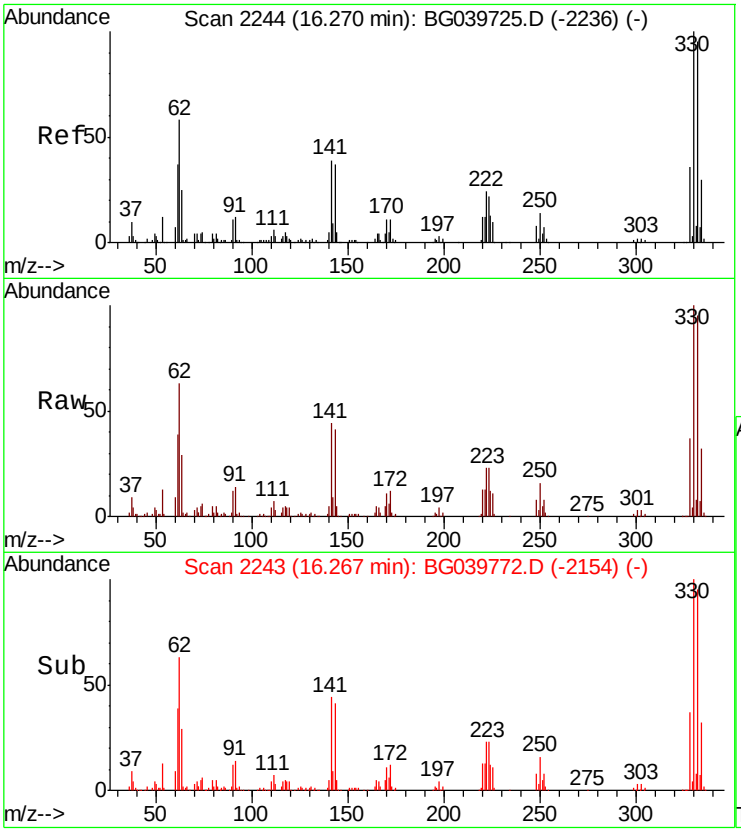


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

Tgt Ion:164 Resp: 133511

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.6	122.4
160	39.2	34.2	51.2



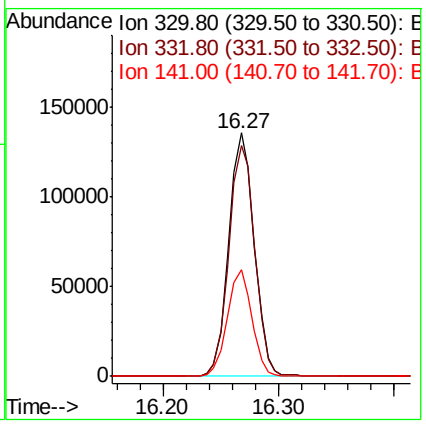


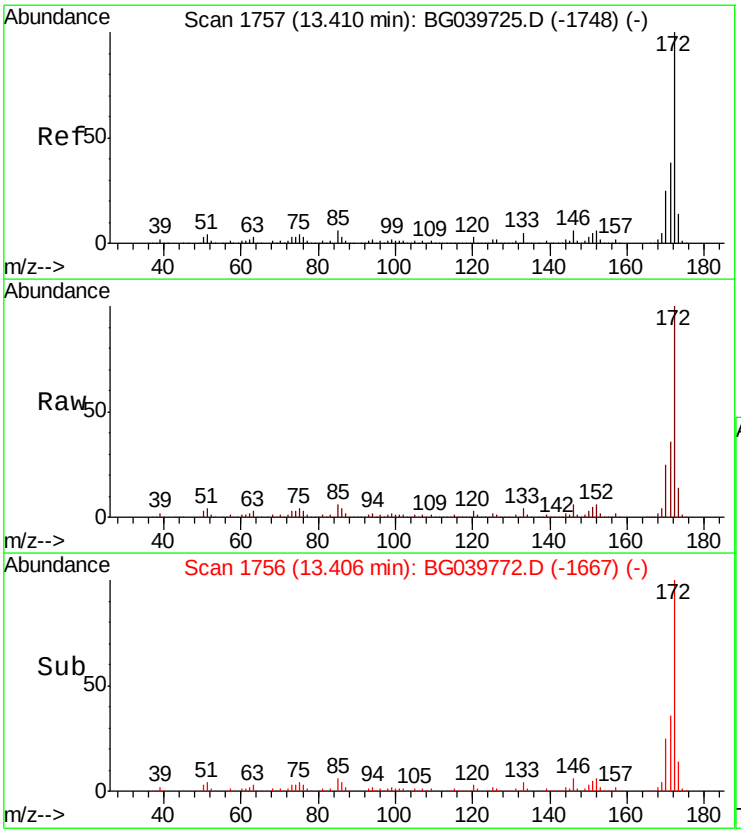
#42
2,4,6-Tribromophenol
Concen: 133.428 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

Instrument :
BNA_G
ClientSampleId :
MW-7

Tgt Ion:330 Resp: 207637

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.7	113.5
141	42.3	35.6	53.4

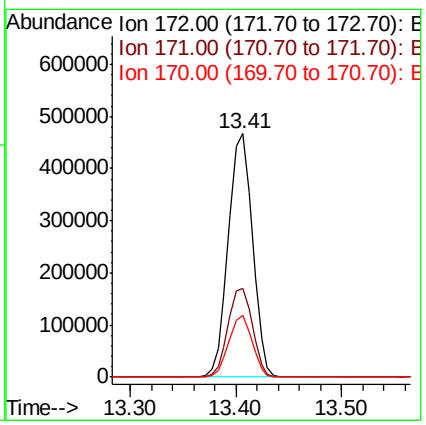


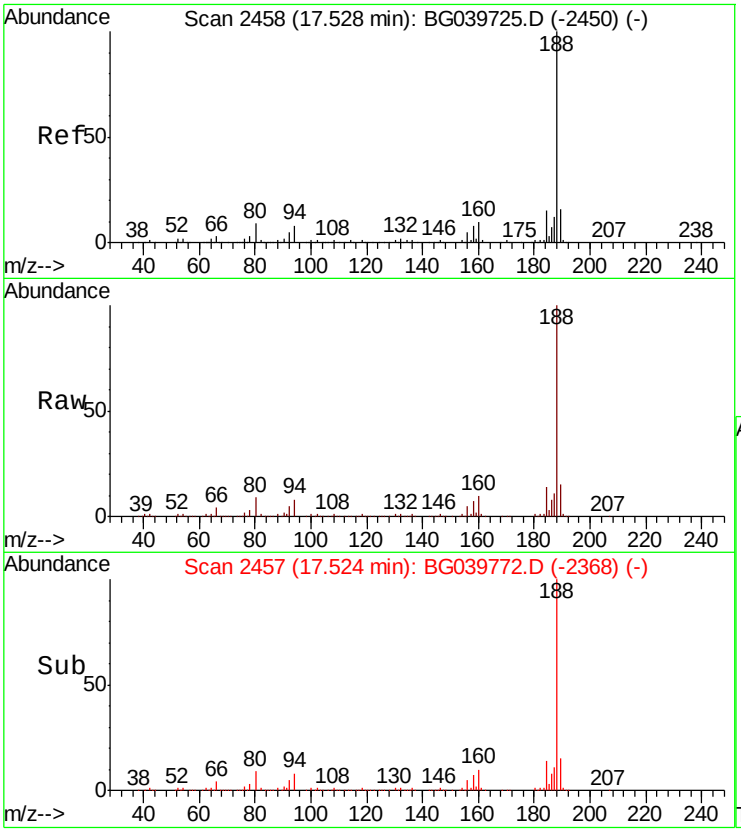


#45
2-Fluorobiphenyl
Concen: 78.647 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

Tgt Ion:172 Resp: 737463

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.8	46.2
170	25.1	20.2	30.4



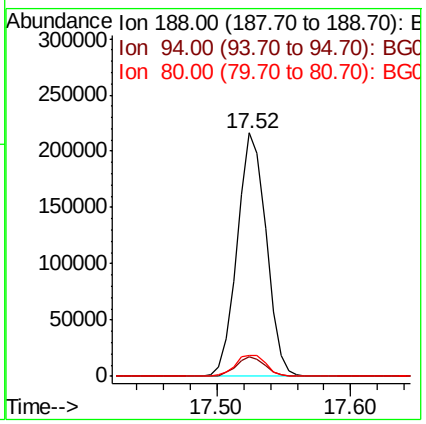


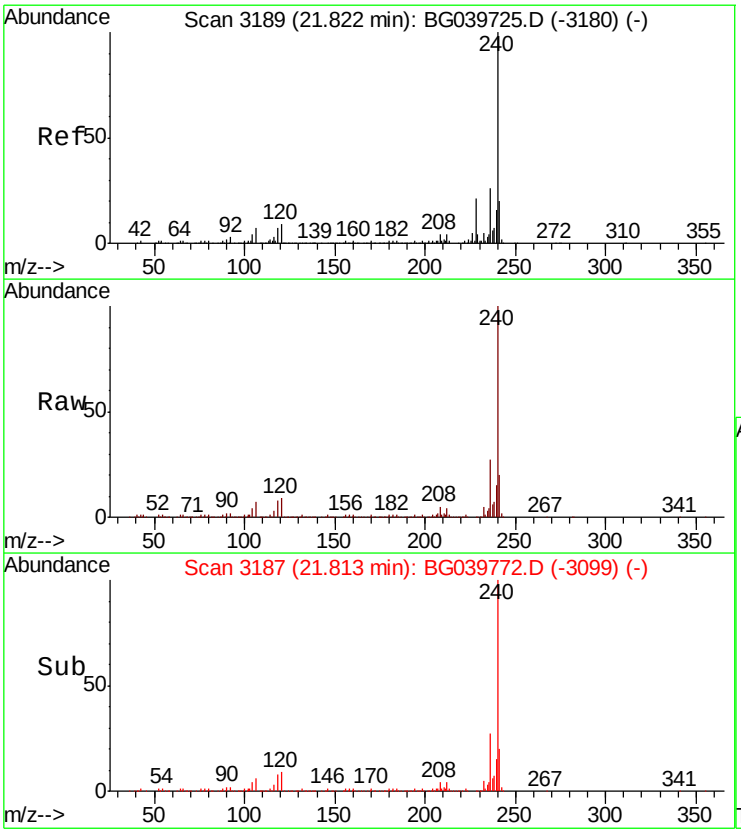
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

Instrument :
BNA_G
ClientSampleId :
MW-7

Tgt Ion:188 Resp: 323778

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.9	10.3
80	8.5	8.1	12.1

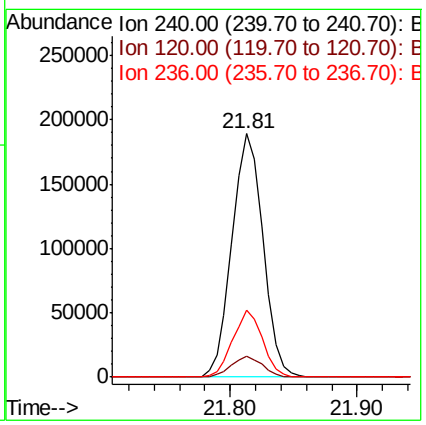


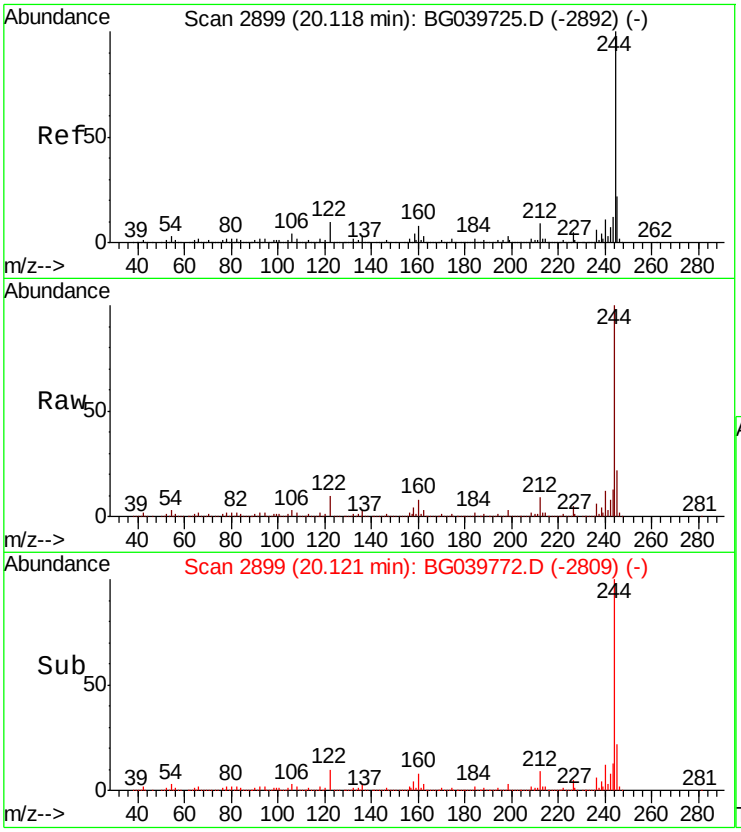


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

Tgt Ion:240 Resp: 321031

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.0	10.6
236	27.4	21.0	31.4



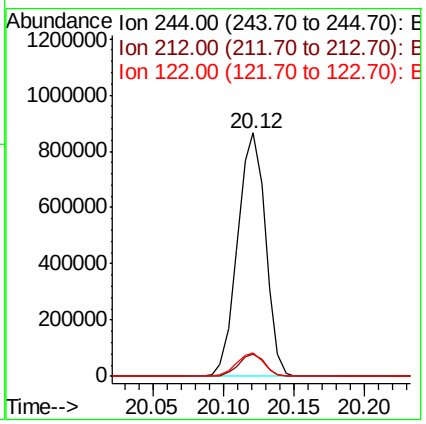


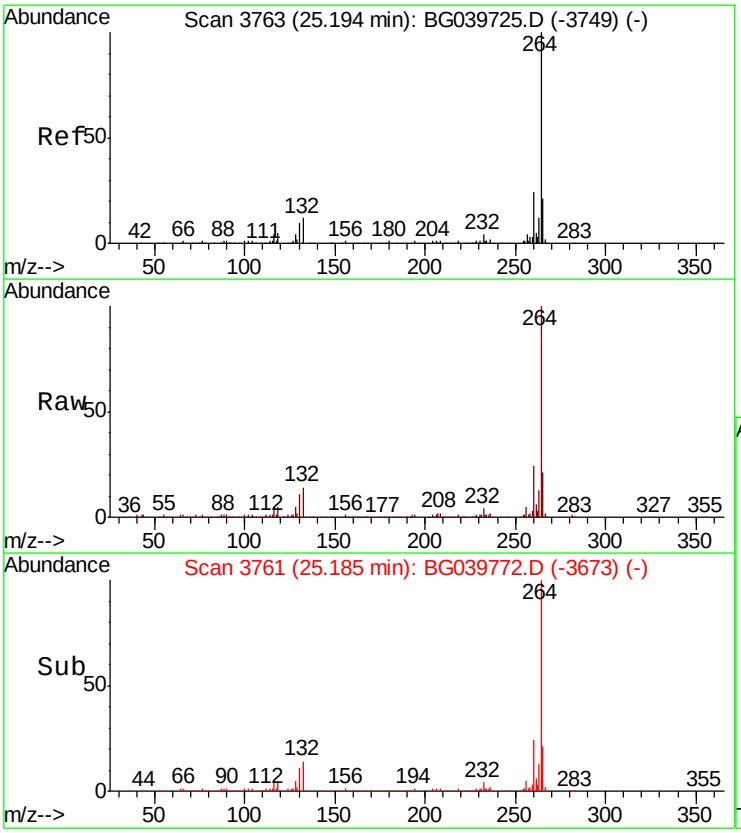
#79
Terphenyl-d14
Concen: 81.801 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.00 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

Instrument :
BNA_G
ClientSampleId :
MW-7

Tgt Ion:244 Resp: 1192693

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	9.8	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039772.D
Acq: 5 Mar 2019 20:05

Tgt Ion:264 Resp: 324749

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	21.3	18.5	27.7