Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040047.D
Acq On : 20 Mar 2019 22:25
Operator : JU/SJ
Sample : K1943-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190133-LOC-10

Quant Time: Mar 21 10:49:19 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	44837	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	192351	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	130324	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	317781	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	297921	20.00	ng	-0.03
87) Perylene-d12	25.15	264	297818	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	387202	147.33	ng	-0.02
7) Phenol-d6	7.29	99	564468	144.04	ng	-0.02
23) Nitrobenzene-d5	9.32	82	348594	98.02	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	232667	153.17	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	810107	88.51	ng	-0.02
79) Terphenyl-d14	20.11	244	1212857	89.64	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.32	94	49158	11.579	ng	100
50) Dimethylphthalate	14.21	163	81400	7.470	ng	98
84) Bis(2-ethylhexyl)phthalate	21.64	149	268952	25.518	ng	98

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

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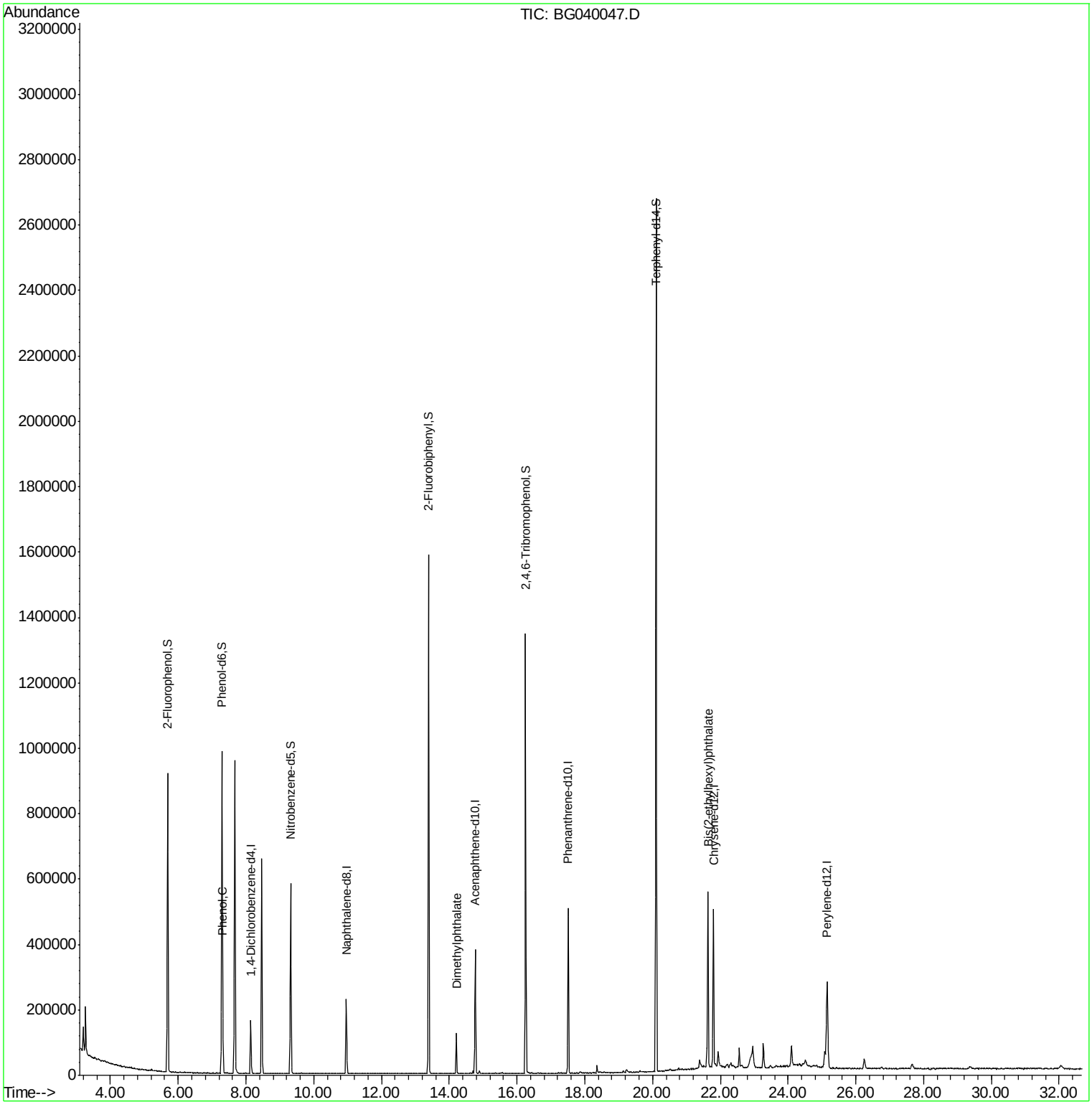
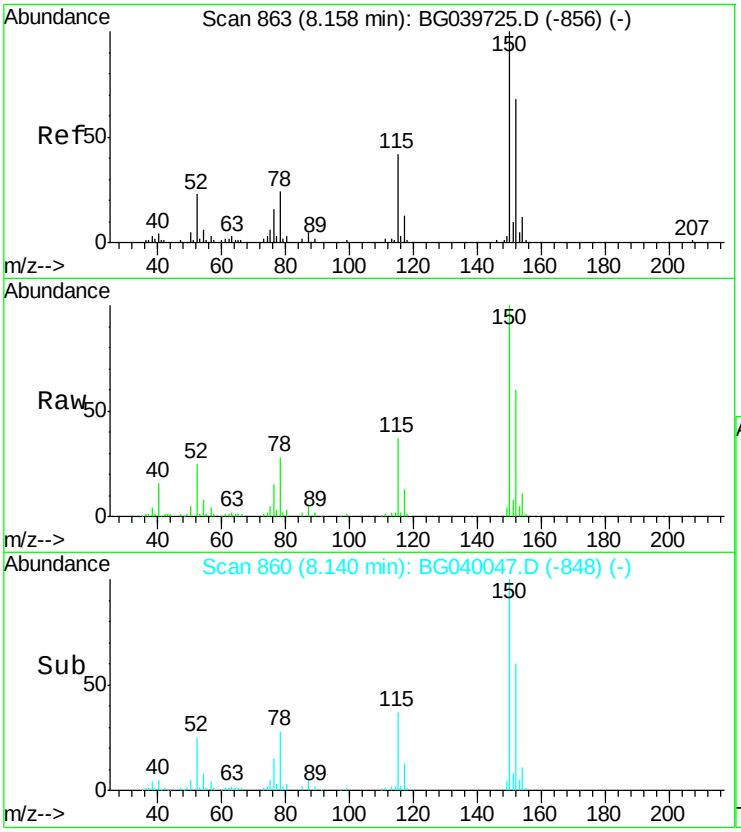


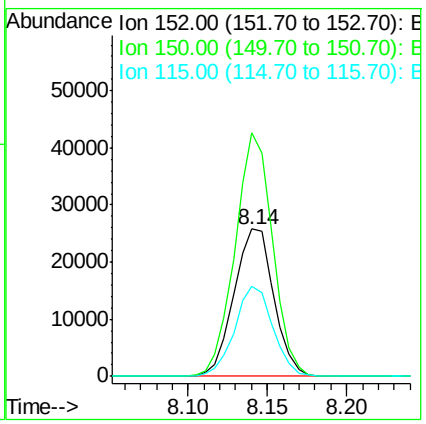


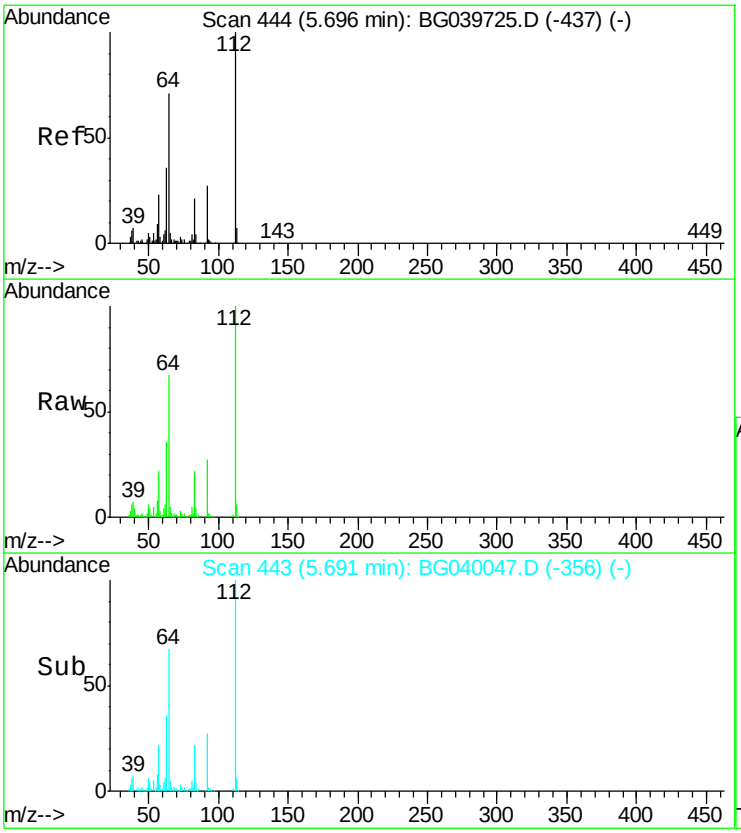
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040047.D
Acq: 20 Mar 2019 22:25

Instrument :
BNA_G
ClientSampleId :
20190133-LOC-10

Tgt Ion:152 Resp: 44837

Ion	Ratio	Lower	Upper
152	100		
150	165.5	123.7	185.5
115	60.9	45.9	68.9

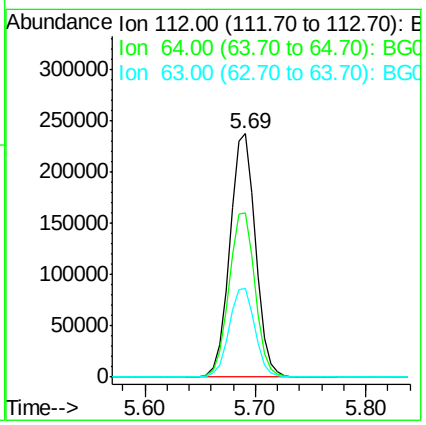


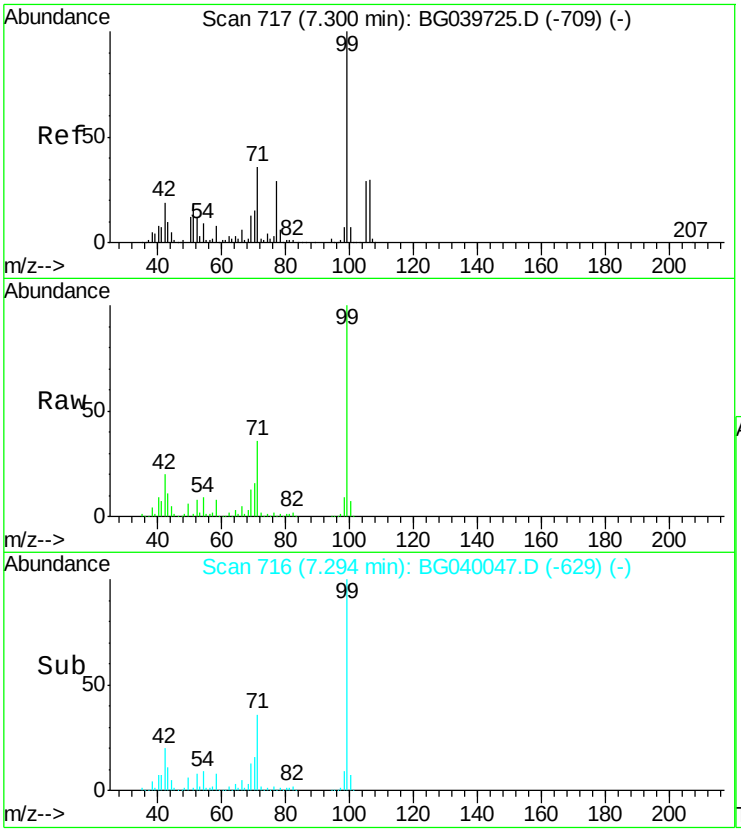


#5
2-Fluorophenol
Concen: 147.327 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040047.D
Acq: 20 Mar 2019 22:25

Tgt Ion:112 Resp: 387202

Ion	Ratio	Lower	Upper
112	100		
64	67.4	57.8	86.8
63	36.3	29.8	44.6



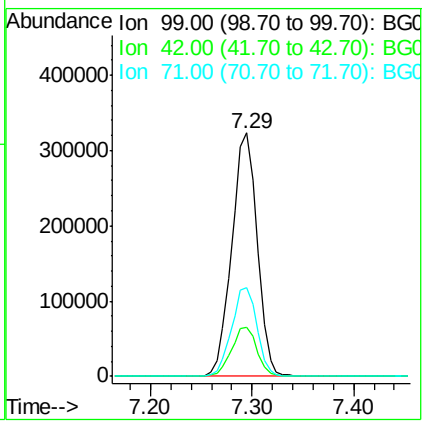


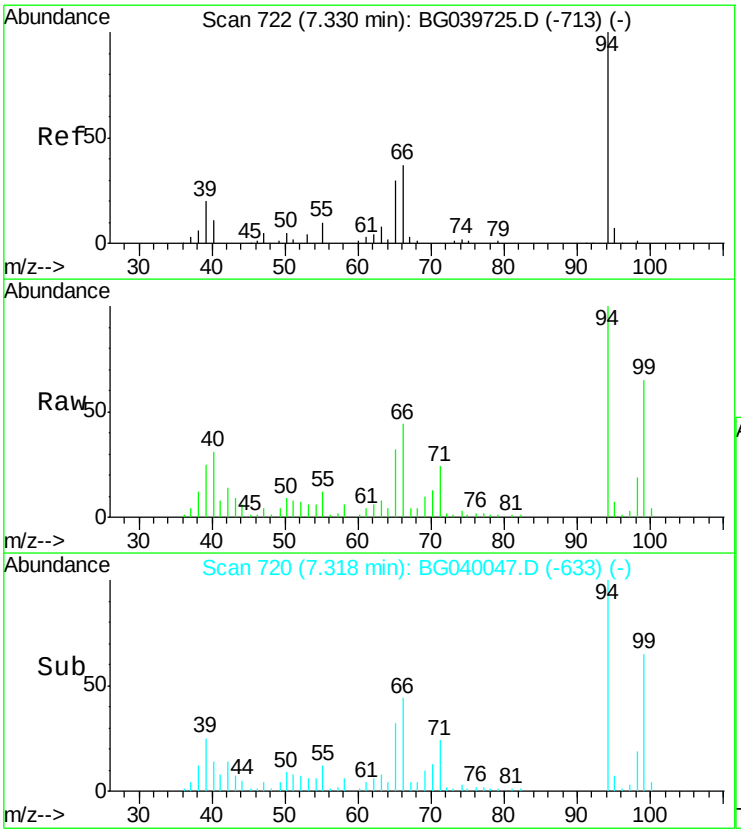
#7
Phenol-d6
Concen: 144.042 ng
RT: 7.29 min Scan# 716
Delta R.T. -0.02 min
Lab File: BG040047.D
Acq: 20 Mar 2019 22:25

Instrument :
BNA_G
ClientSampleId :
20190133-LOC-10

Tgt Ion: 99 Resp: 564468

Ion	Ratio	Lower	Upper
99	100		
42	19.9	18.2	27.2
71	36.5	28.0	42.0

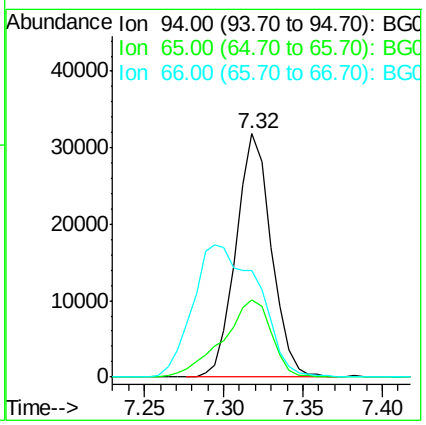


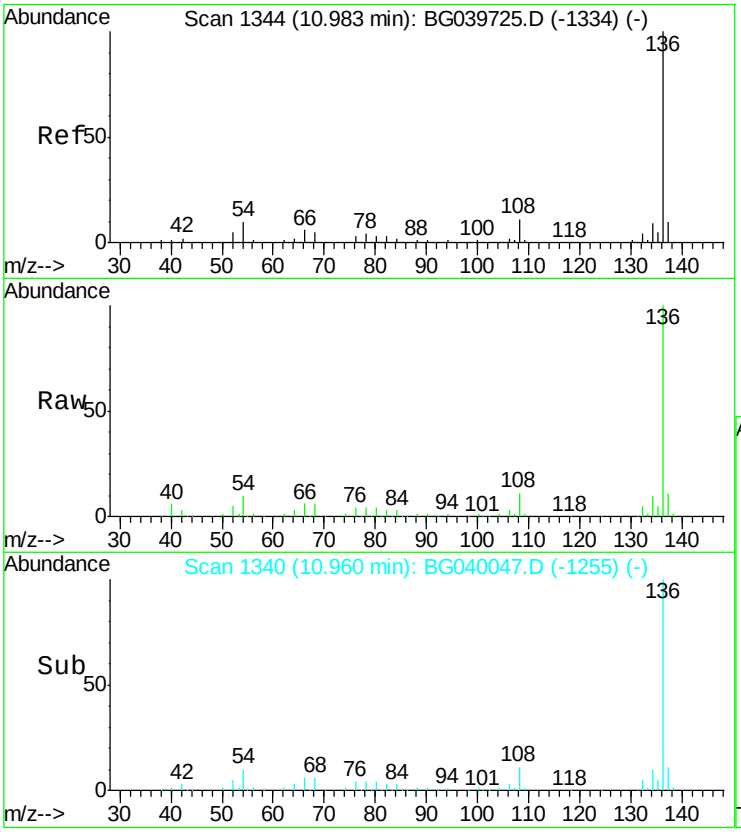


#10
Phenol
Concen: 11.579 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BG040047.D
Acq: 20 Mar 2019 22:25

Tgt Ion: 94 Resp: 49158

Ion	Ratio	Lower	Upper
94	100		
65	32.0	11.7	51.7
66	43.7	23.7	63.7



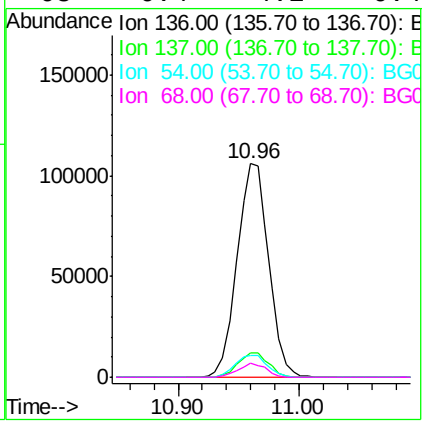


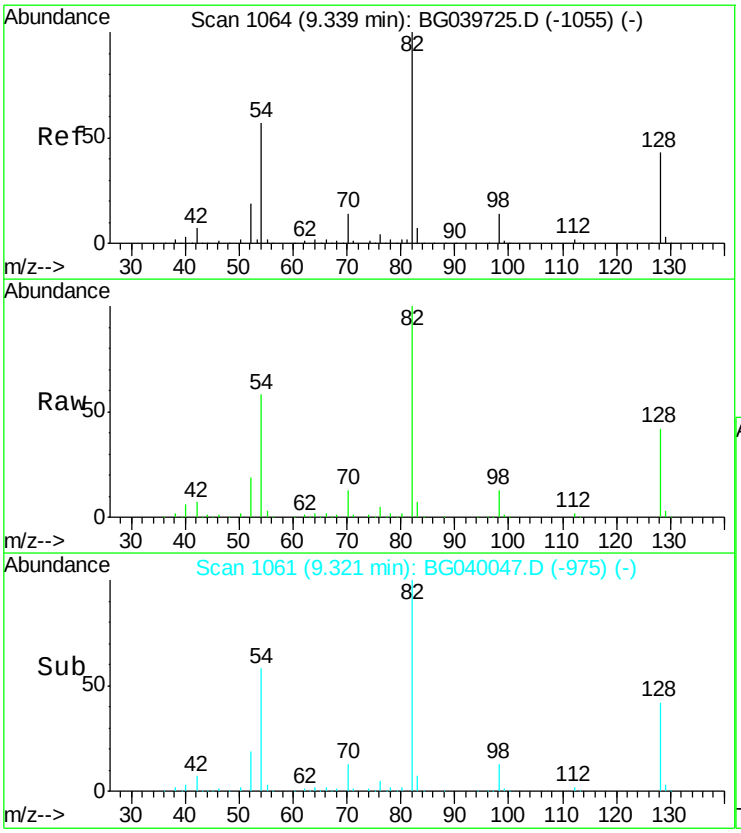
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040047.D
Acq: 20 Mar 2019 22:25

Instrument :
BNA_G
ClientSampleId :
20190133-LOC-10

Tgt Ion:136 Resp: 192351

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.5	9.4	14.2
68	6.4	4.2	6.4

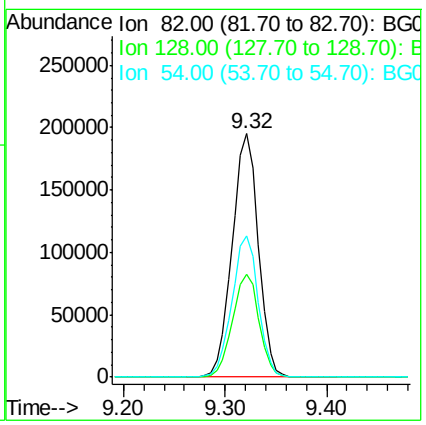


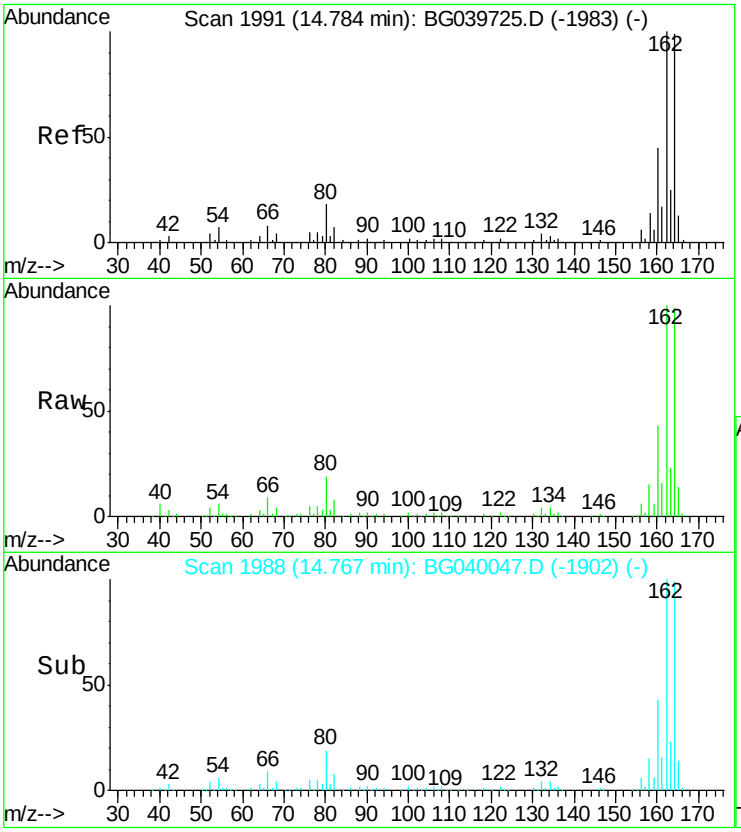


#23
Nitrobenzene-d5
Concen: 98.015 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040047.D
Acq: 20 Mar 2019 22:25

Tgt Ion: 82 Resp: 348594

Ion	Ratio	Lower	Upper
82	100		
128	42.1	31.3	46.9
54	58.2	50.9	76.3



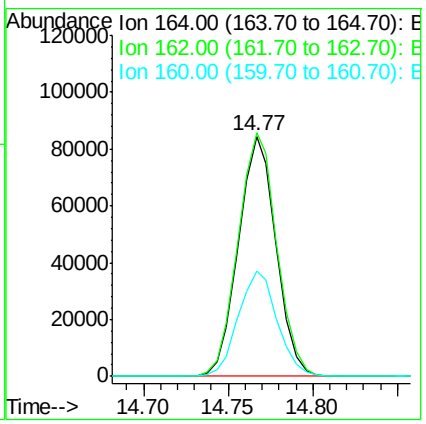


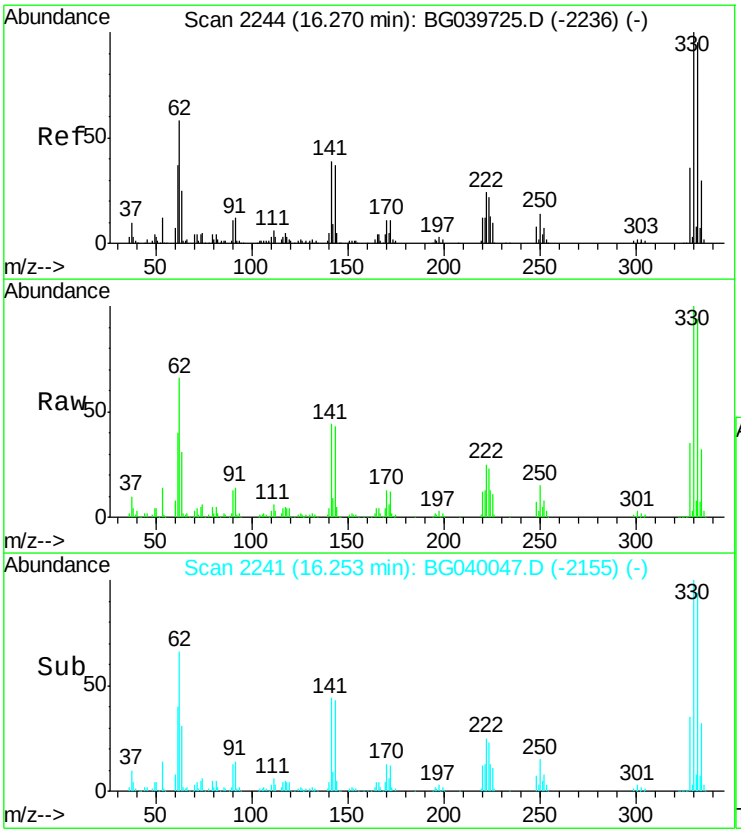
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040047.D
Acq: 20 Mar 2019 22:25

Instrument :
BNA_G
ClientSampleId :
20190133-LOC-10

Tgt Ion:164 Resp: 130324

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.6	122.4
160	43.7	34.2	51.2

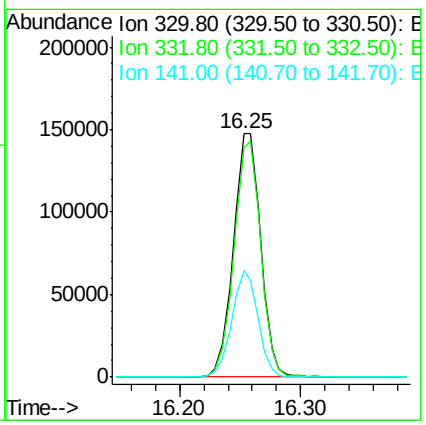


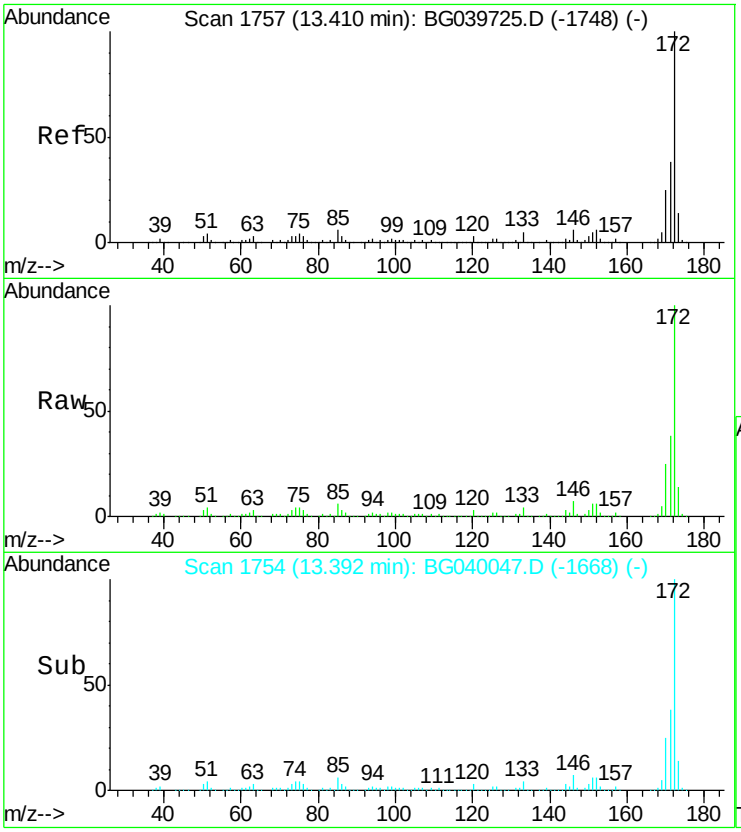


#42
2,4,6-Tribromophenol
Concen: 153.169 ng
RT: 16.25 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040047.D
Acq: 20 Mar 2019 22:25

Tgt Ion:330 Resp: 232667

Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.7	113.5
141	42.0	35.6	53.4



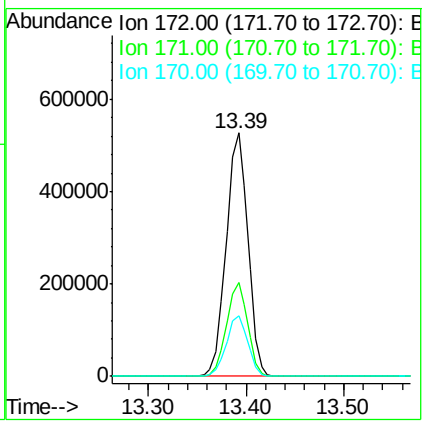


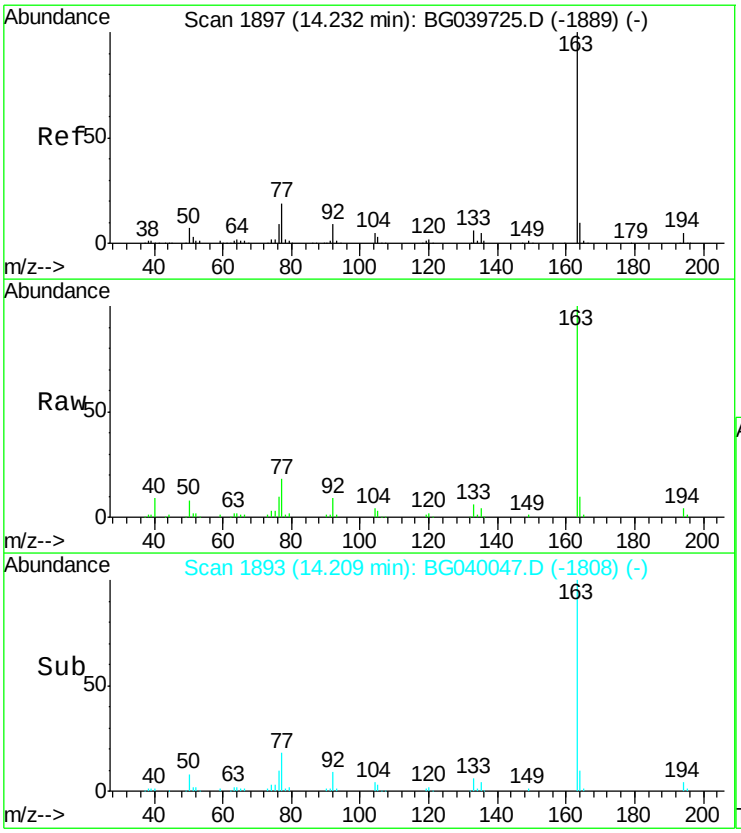
#45
2-Fluorobiphenyl
Concen: 88.507 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040047.D
Acq: 20 Mar 2019 22:25

Instrument :
BNA_G
ClientSampleId :
20190133-LOC-10

Tgt Ion:172 Resp: 810107

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.8	46.2
170	25.0	20.2	30.4

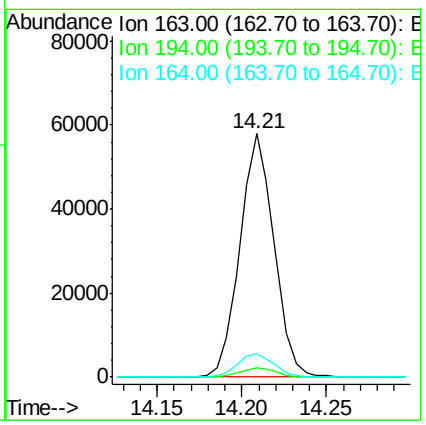


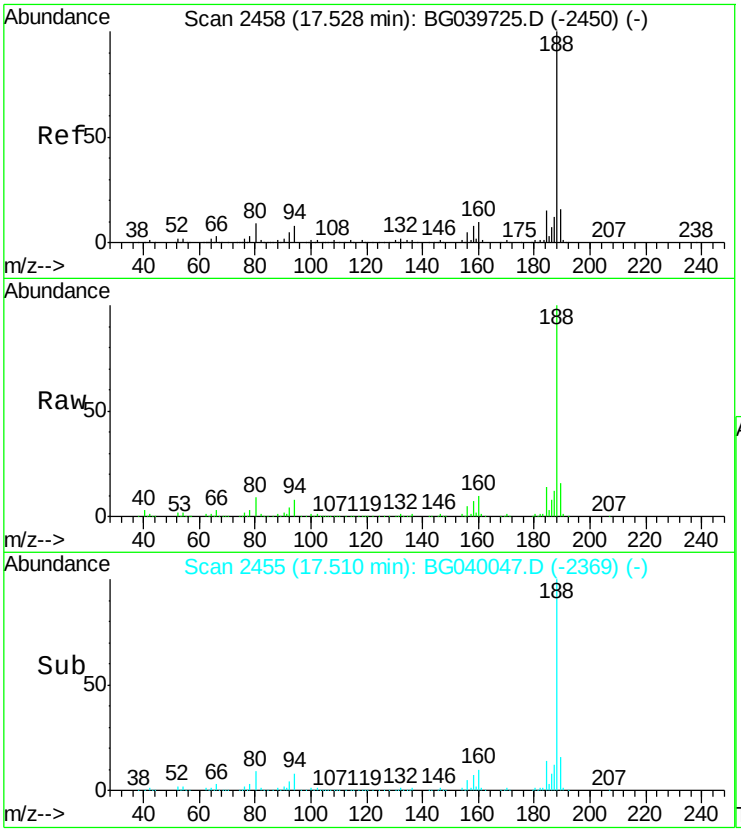


#50
Dimethylphthalate
Concen: 7.470 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG040047.D
Acq: 20 Mar 2019 22:25

Tgt Ion:163 Resp: 81400

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.6	5.4
164	9.5	8.4	12.6



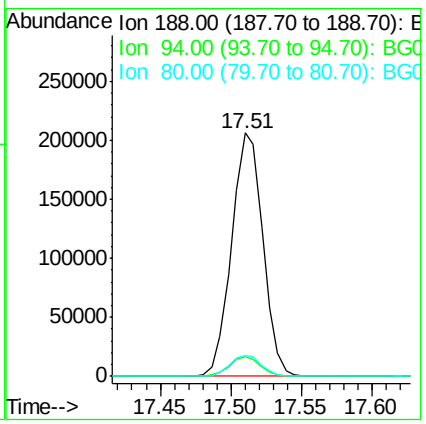


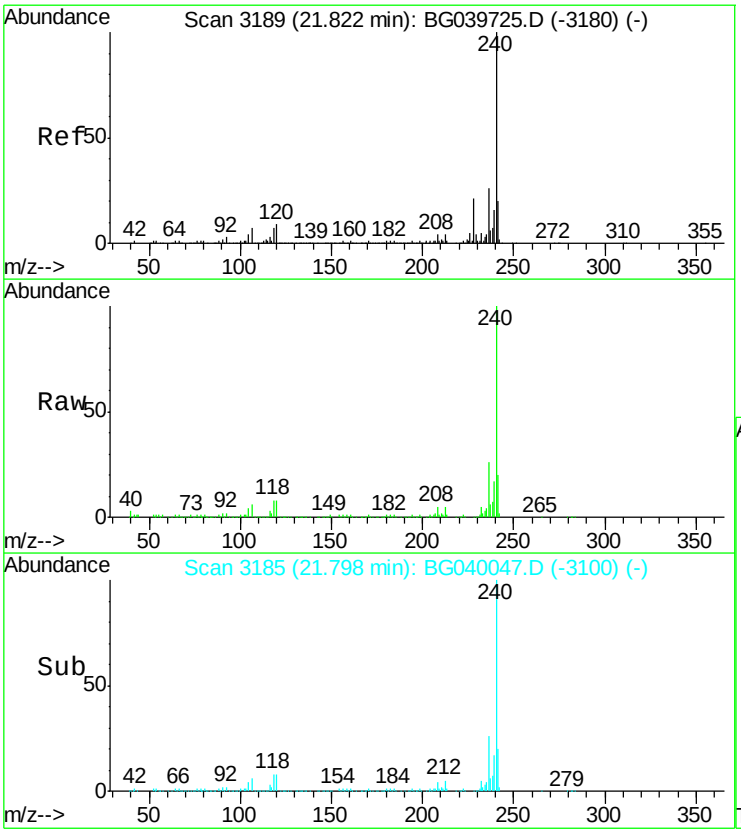
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040047.D
Acq: 20 Mar 2019 22:25

Instrument :
BNA_G
ClientSampleId :
20190133-LOC-10

Tgt Ion:188 Resp: 317781

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	8.6	8.1	12.1

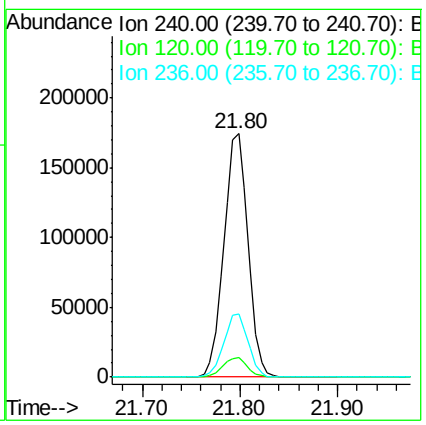


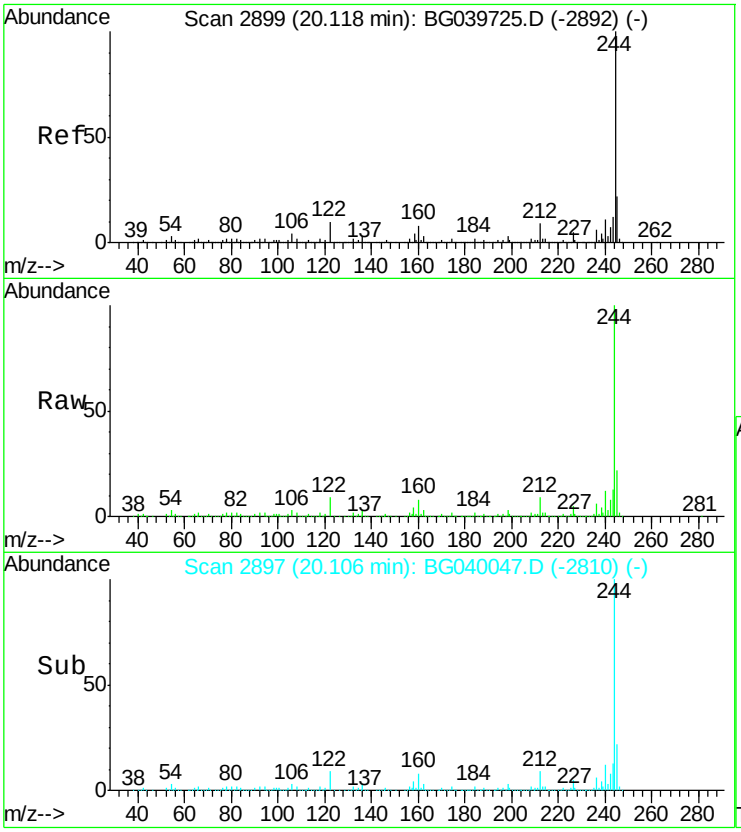


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040047.D
Acq: 20 Mar 2019 22:25

Tgt Ion:240 Resp: 297921

Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.0	10.6
236	25.7	21.0	31.4



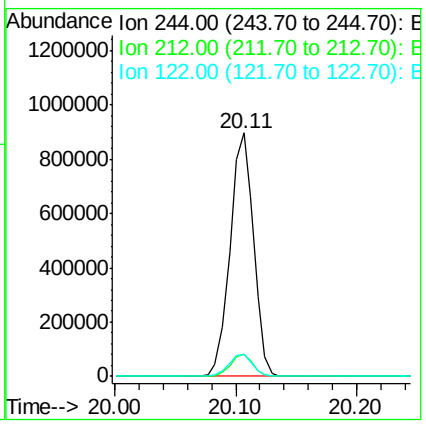


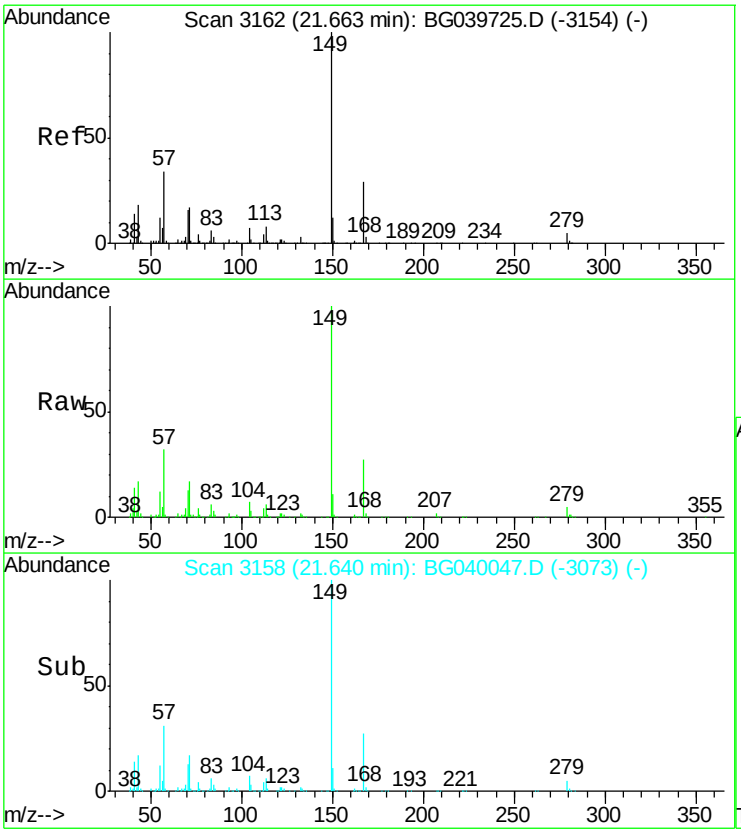
#79
Terphenyl-d14
Concen: 89.637 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040047.D
Acq: 20 Mar 2019 22:25

Instrument :
BNA_G
ClientSampleId :
20190133-LOC-10

Tgt Ion:244 Resp: 1212857

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.3	10.9
122	9.0	8.4	12.6

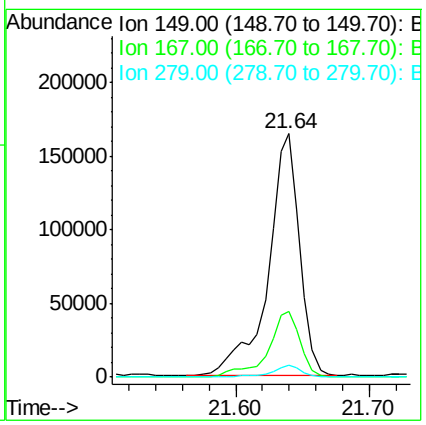


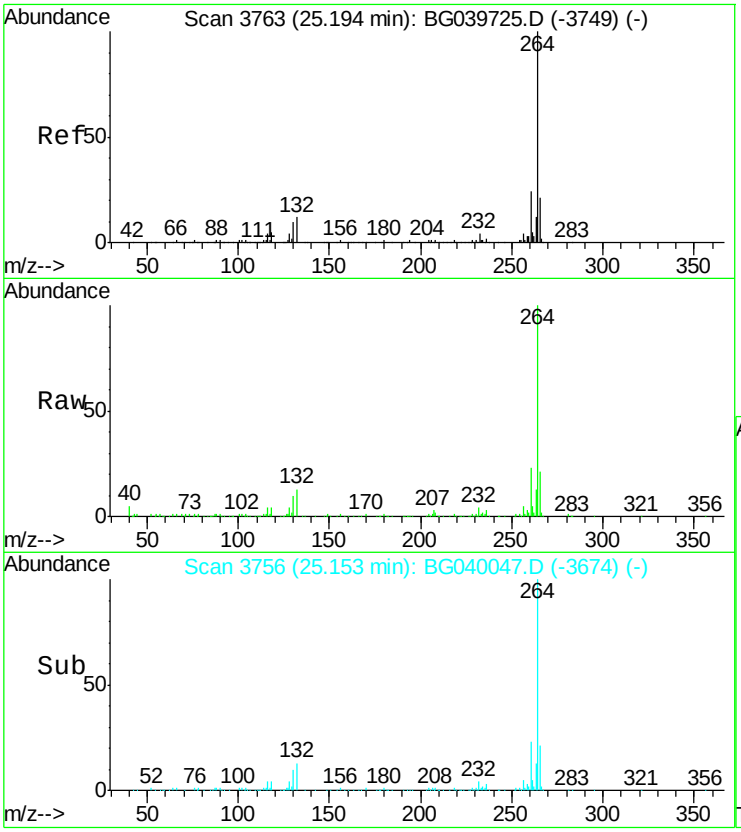


#84
Bis(2-ethylhexyl)phthalate
Concen: 25.518 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.03 min
Lab File: BG040047.D
Acq: 20 Mar 2019 22:25

Tgt Ion:149 Resp: 268952

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.6	34.0
279	4.7	3.5	5.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3756
Delta R.T. -0.05 min
Lab File: BG040047.D
Acq: 20 Mar 2019 22:25

Instrument :
BNA_G
ClientSampleId :
20190133-LOC-10

Tgt Ion:264 Resp: 297818

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.0	18.5	27.7