Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032019\
Data File : BG040050.D
Acq On : 21 Mar 2019 00:26
Operator : JU/SJ
Sample : K1987-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 21 09:30:38 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	39701	20.00	ng		-0.03
21) Naphthalene-d8	10.96	136	176488	20.00	ng		-0.03
39) Acenaphthene-d10	14.77	164	120959	20.00	ng		-0.03
64) Phenanthrene-d10	17.51	188	287843	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	278180	20.00	ng		-0.03
87) Perylene-d12	25.16	264	279267	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	299855	128.85	ng		-0.02
7) Phenol-d6	7.29	99	437464	126.07	ng		-0.02
23) Nitrobenzene-d5	9.32	82	267576	82.00	ng		-0.03
42) 2,4,6-Tribromophenol	16.26	330	177447	125.86	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	635791	74.84	ng		-0.03
79) Terphenyl-d14	20.11	244	926982	73.37	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.32	94	26132	6.952	ng		94
19) n-Nitroso-di-n-propylamine	9.32	70	34715	13.900	ng	#	67
50) Dimethylphthalate	14.21	163	51296	5.072	ng	#	97
51) 2,6-Dinitrotoluene	14.77	165	15828	7.382	ng	#	23
57) 2,4-Dinitrotoluene	14.77	165	15828	5.253	ng	#	18
67) 4-Bromophenyl-phenylether	16.25	248	13684	4.247	ng	#	1

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

Quantitation Report (Not Reviewed)

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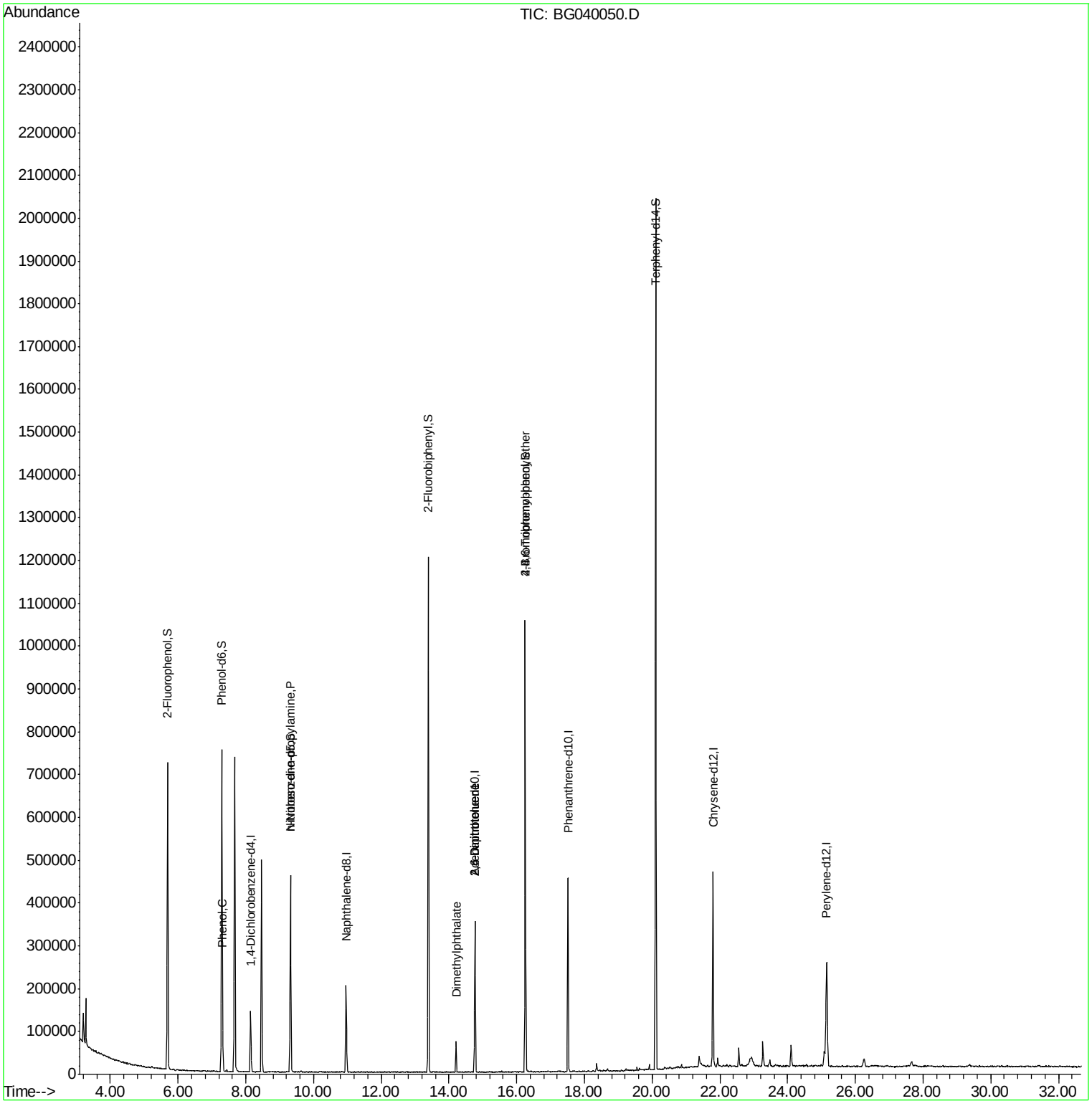
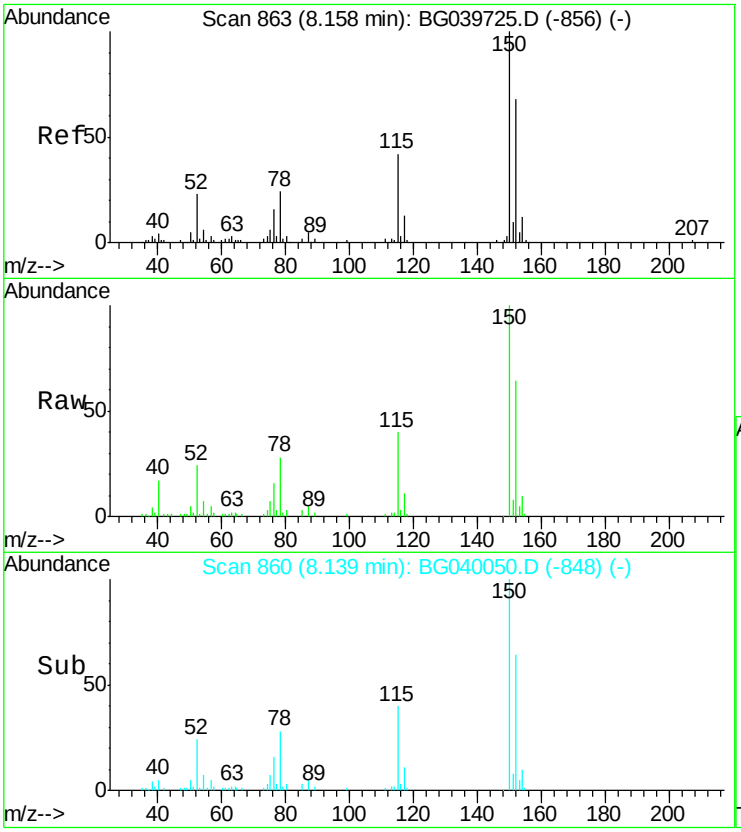


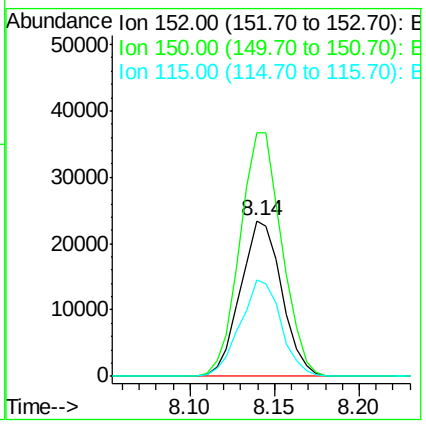


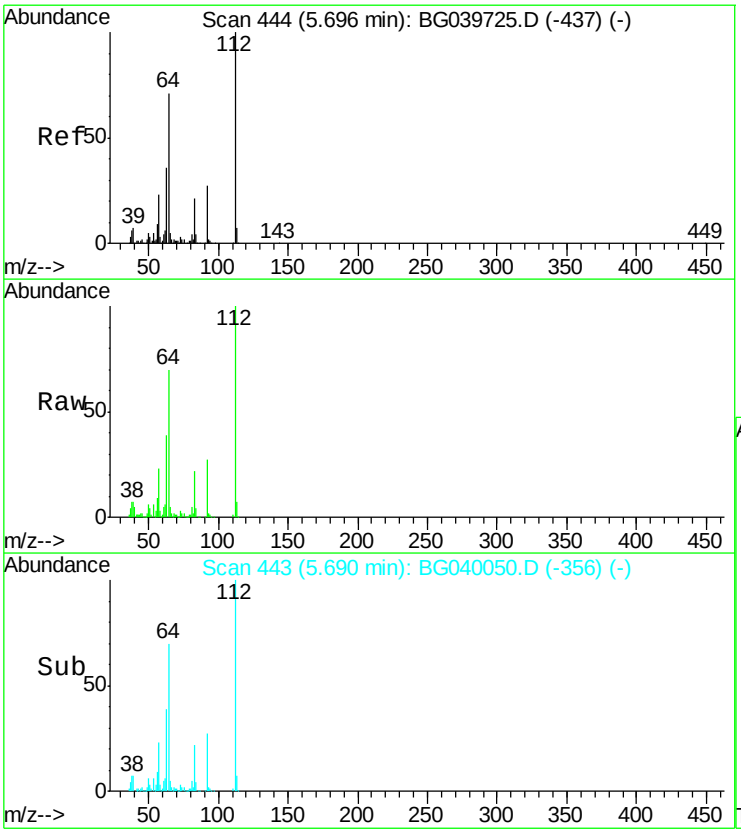
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040050.D
Acq: 21 Mar 2019 00:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 39701

Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.7	185.5
115	62.4	45.9	68.9

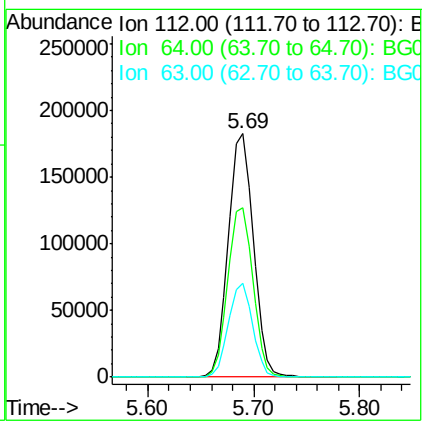


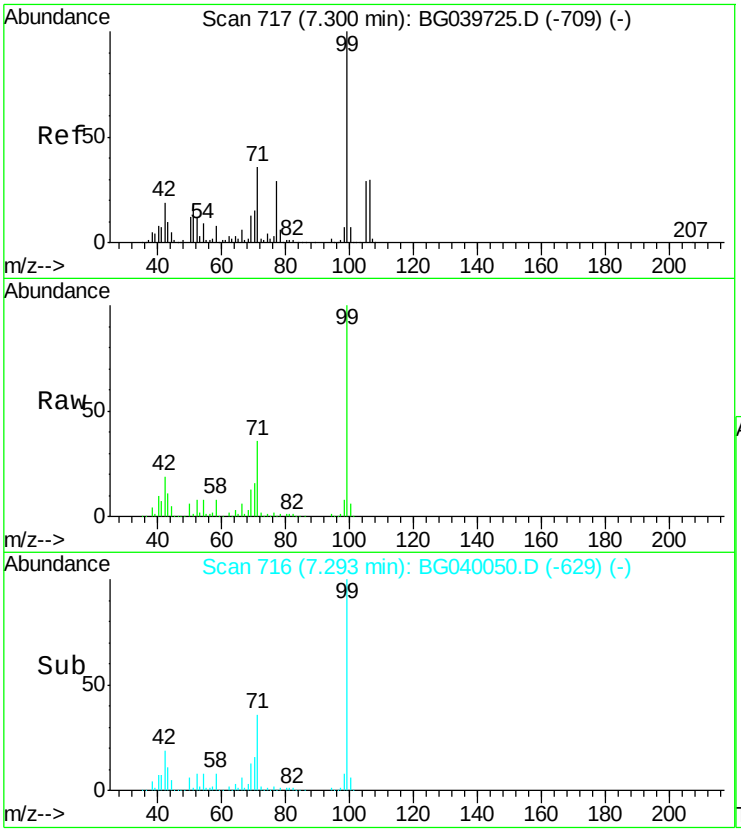


#5
2-Fluorophenol
Concen: 128.852 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040050.D
Acq: 21 Mar 2019 00:26

Tgt Ion:112 Resp: 299855

Ion	Ratio	Lower	Upper
112	100		
64	69.8	57.8	86.8
63	38.7	29.8	44.6



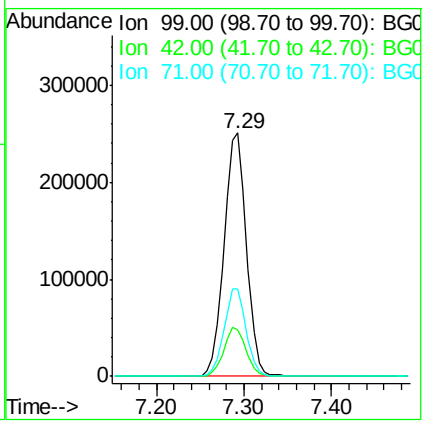


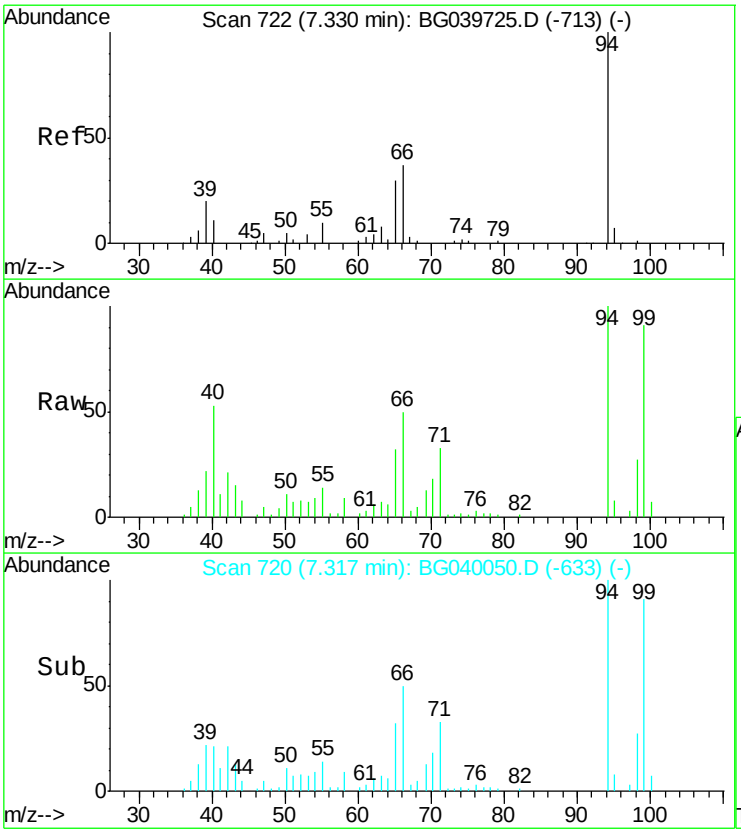
#7
Phenol-d6
Concen: 126.075 ng
RT: 7.29 min Scan# 716
Delta R.T. -0.02 min
Lab File: BG040050.D
Acq: 21 Mar 2019 00:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 437464

Ion	Ratio	Lower	Upper
99	100		
42	19.2	18.2	27.2
71	36.0	28.0	42.0

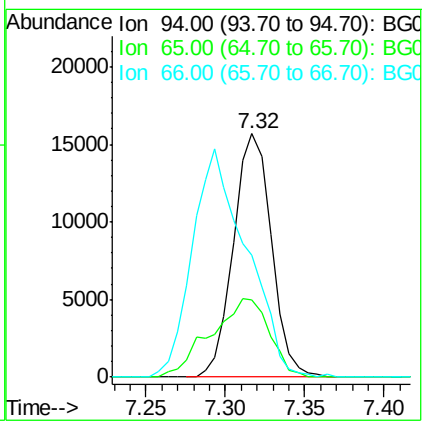


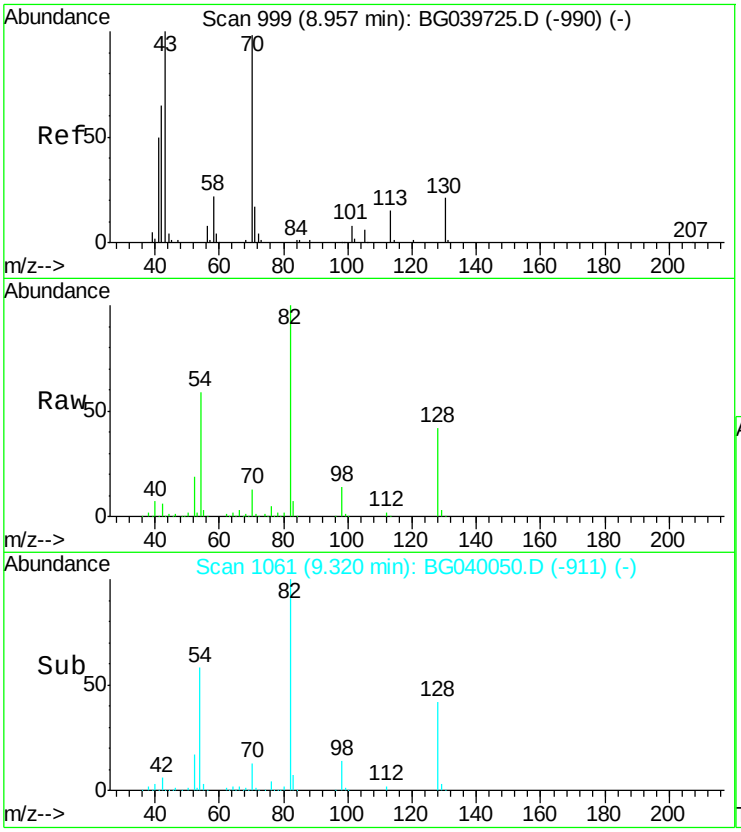


#10
Phenol
Concen: 6.952 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BG040050.D
Acq: 21 Mar 2019 00:26

Tgt Ion: 94 Resp: 26132

Ion	Ratio	Lower	Upper
94	100		
65	31.9	11.7	51.7
66	50.1	23.7	63.7



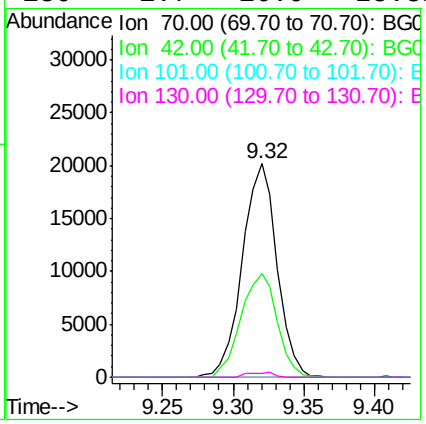


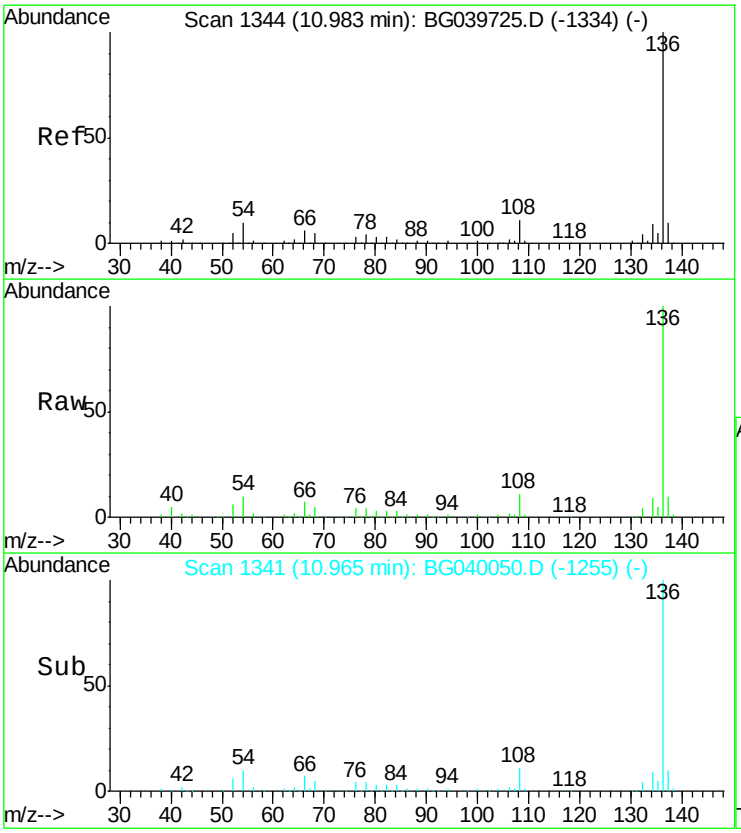
#19
n-Nitroso-di-n-propylamine
Concen: 13.900 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG040050.D
Acq: 21 Mar 2019 00:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 34715

Ion	Ratio	Lower	Upper
70	100		
42	48.6	60.4	90.6#
101	0.0	7.5	11.3#
130	1.7	16.9	25.3#

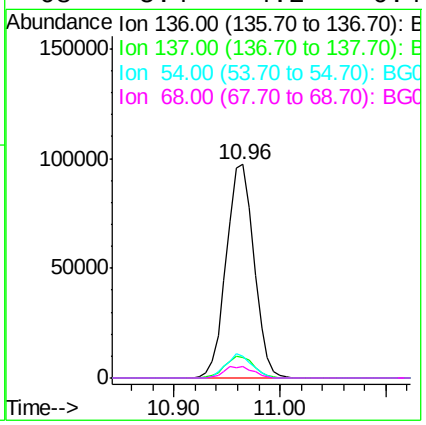


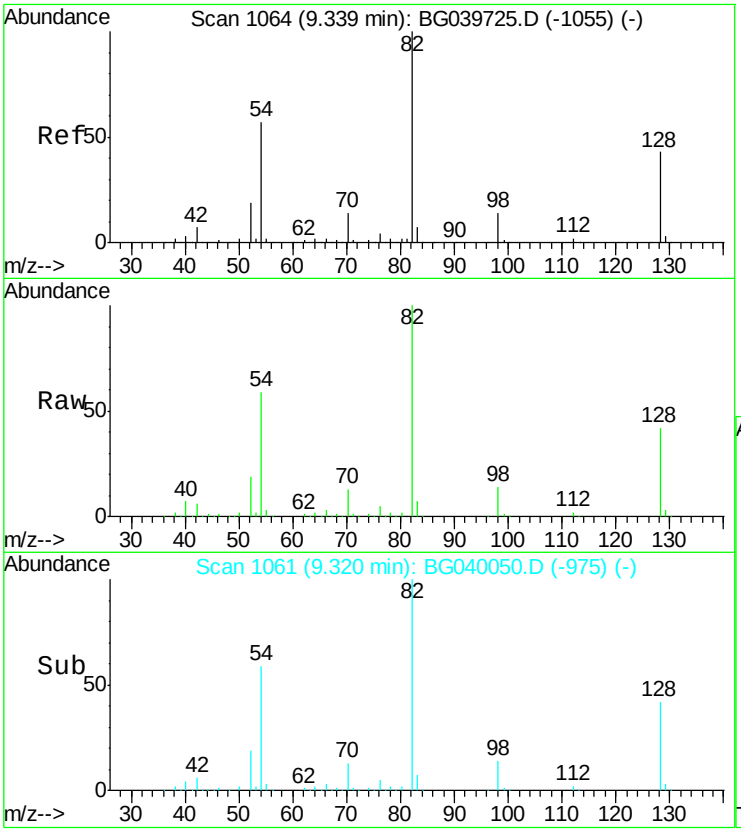


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BG040050.D
Acq: 21 Mar 2019 00:26

Tgt Ion:136 Resp: 176488

Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.1	13.7
54	10.5	9.4	14.2
68	5.4	4.2	6.4



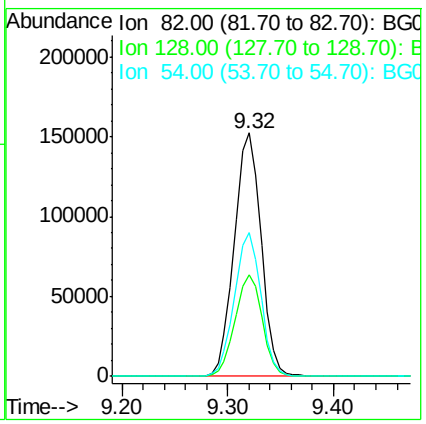


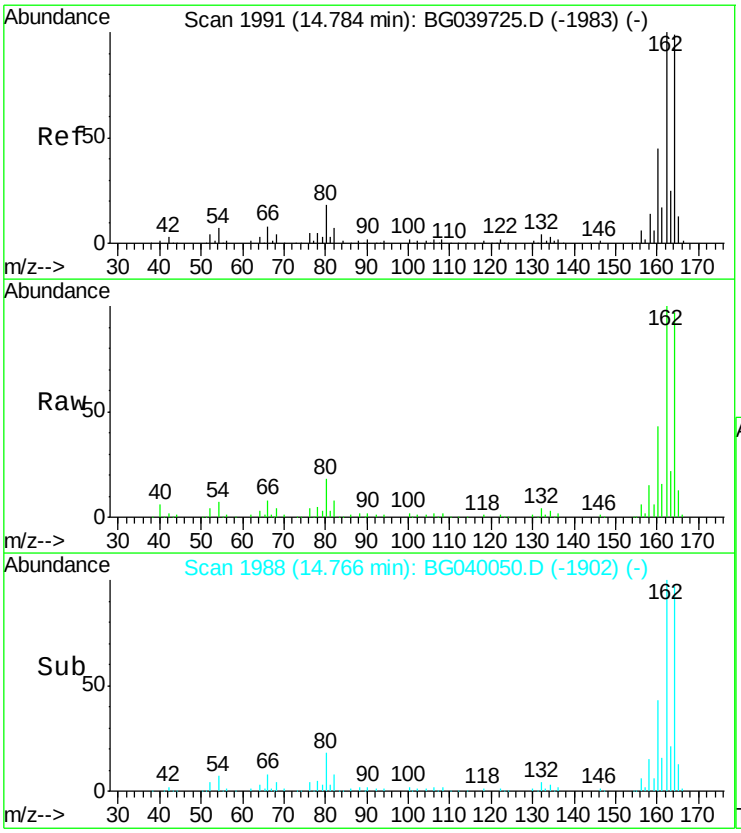
#23
Nitrobenzene-d5
Concen: 81.998 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BG040050.D
Acq: 21 Mar 2019 00:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 267576

Ion	Ratio	Lower	Upper
82	100		
128	41.9	31.3	46.9
54	58.8	50.9	76.3

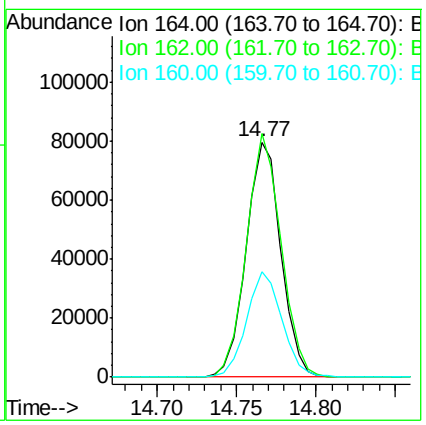


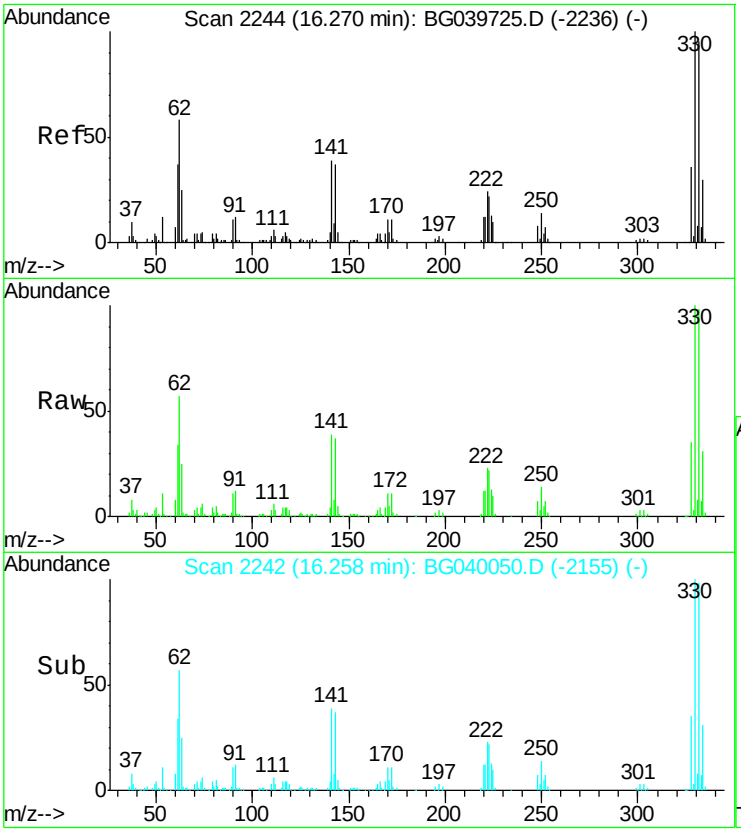


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.03 min
Lab File: BG040050.D
Acq: 21 Mar 2019 00:26

Tgt Ion:164 Resp: 120959

Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.6	122.4
160	44.7	34.2	51.2



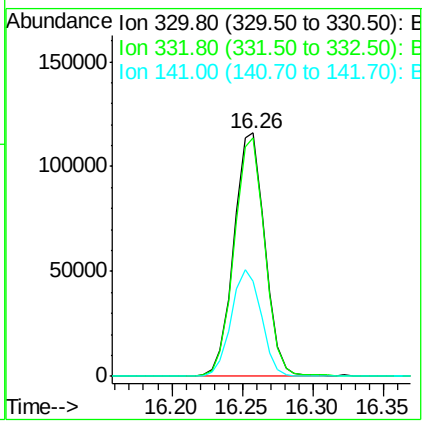


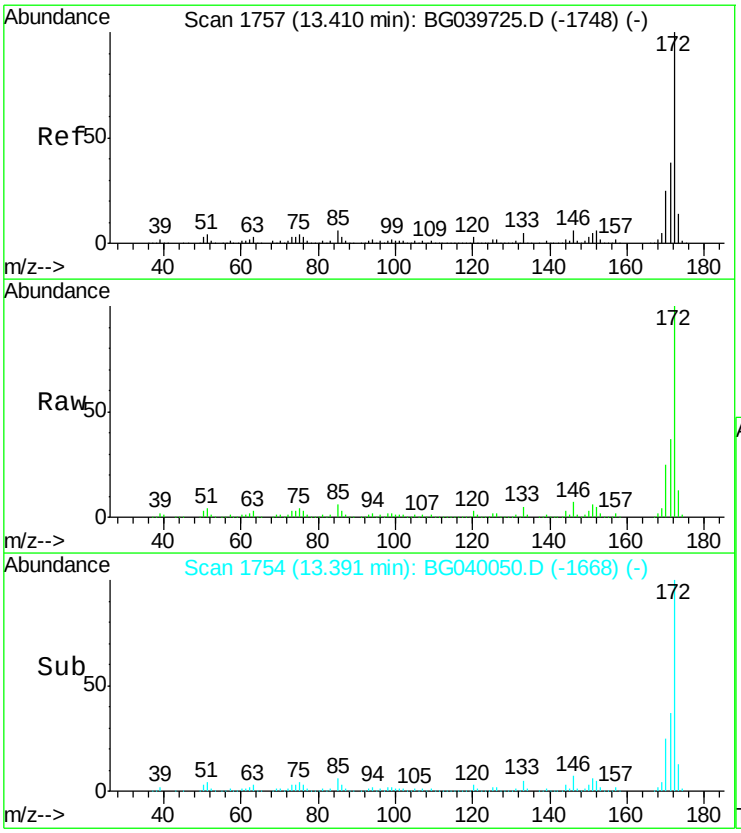
#42
2,4,6-Tribromophenol
Concen: 125.861 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG040050.D
Acq: 21 Mar 2019 00:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 177447

Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.7	113.5
141	42.6	35.6	53.4

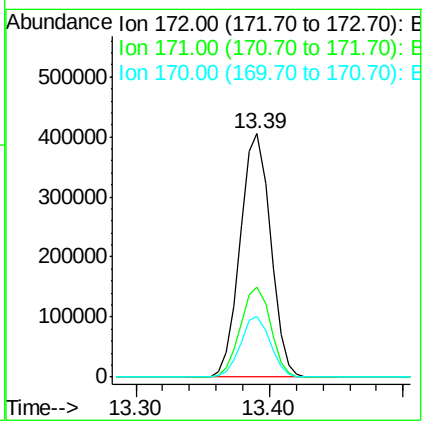


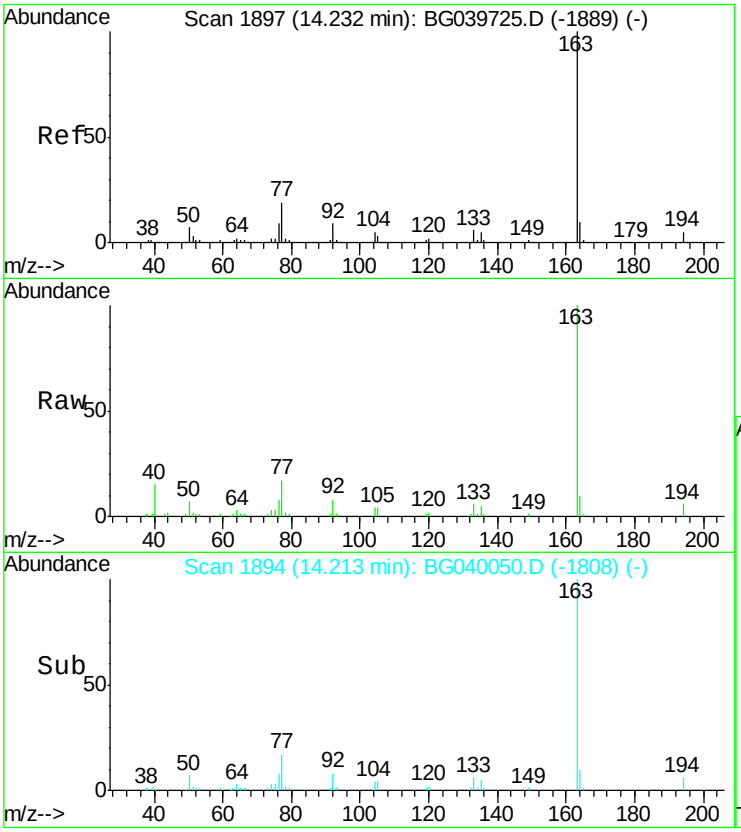


#45
2-Fluorobiphenyl
Concen: 74.840 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.03 min
Lab File: BG040050.D
Acq: 21 Mar 2019 00:26

Tgt Ion:172 Resp: 635791

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.8	46.2
170	25.0	20.2	30.4



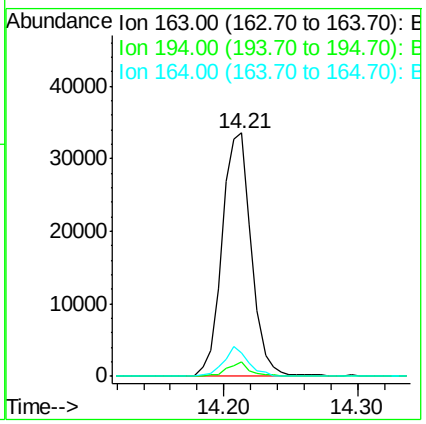


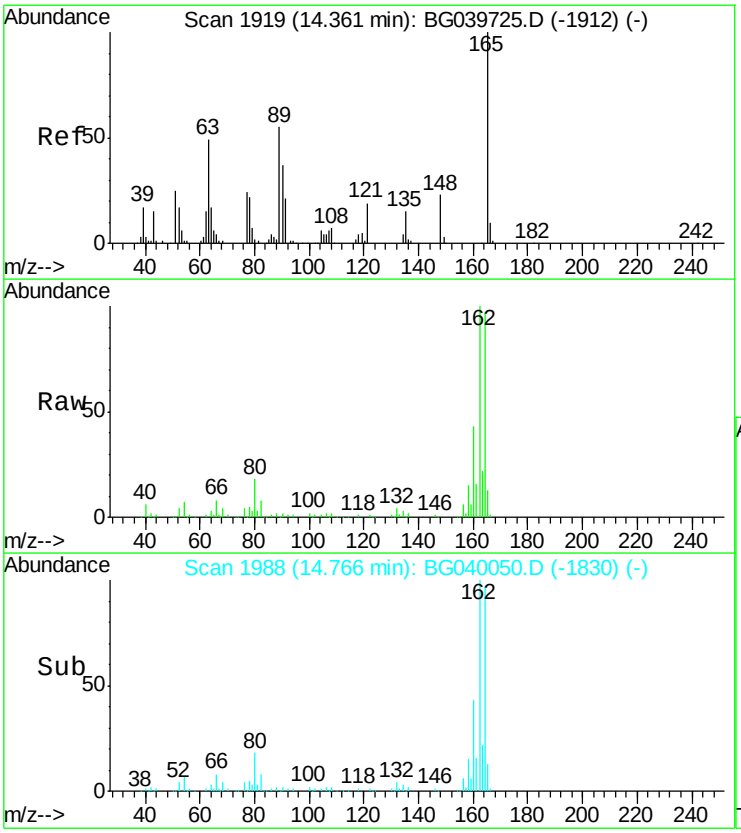
#50
Dimethylphthalate
Concen: 5.072 ng
RT: 14.21 min Scan# 1894
Delta R.T. -0.03 min
Lab File: BG040050.D
Acq: 21 Mar 2019 00:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 51296

Ion	Ratio	Lower	Upper
163	100		
194	5.7	3.6	5.4#
164	9.5	8.4	12.6

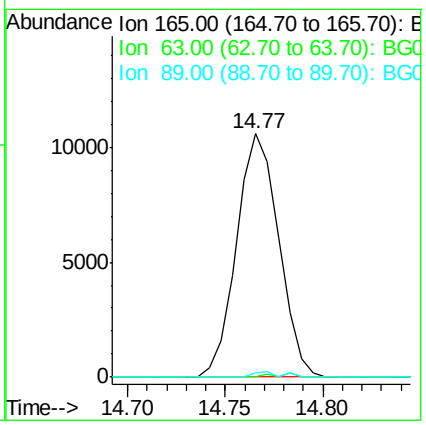


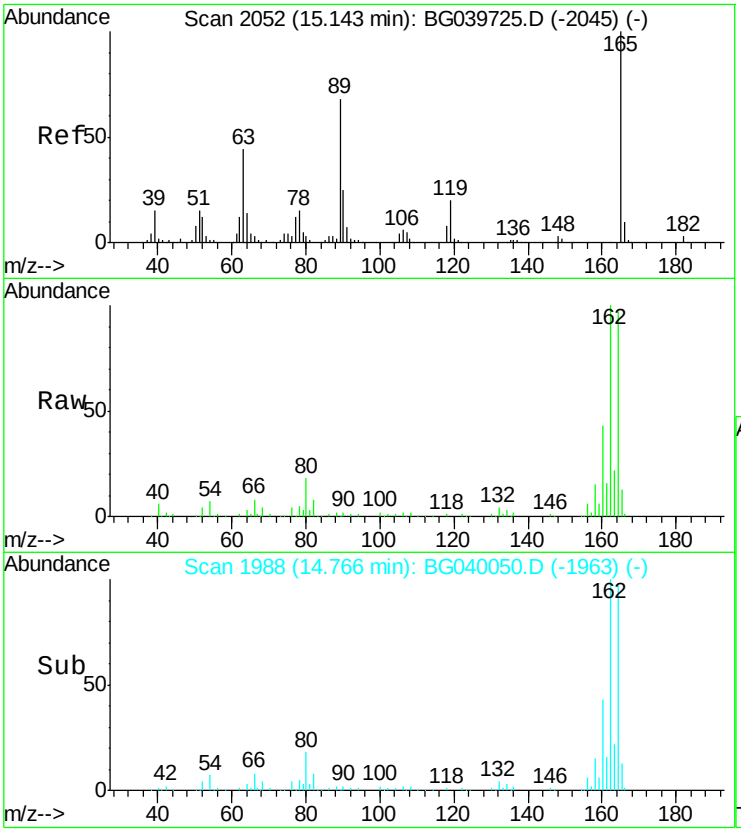


#51
2,6-Dinitrotoluene
Concen: 7.382 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.40 min
Lab File: BG040050.D
Acq: 21 Mar 2019 00:26

Tgt Ion:165 Resp: 15828

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.0	70.6#
89	1.7	45.8	68.8#



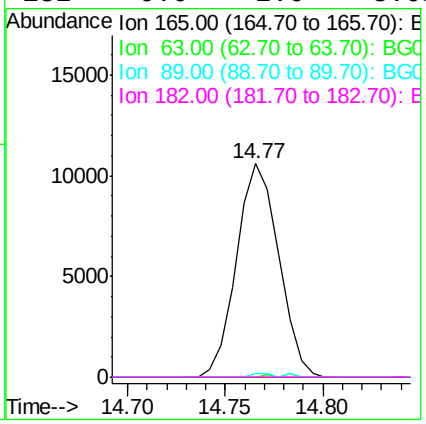


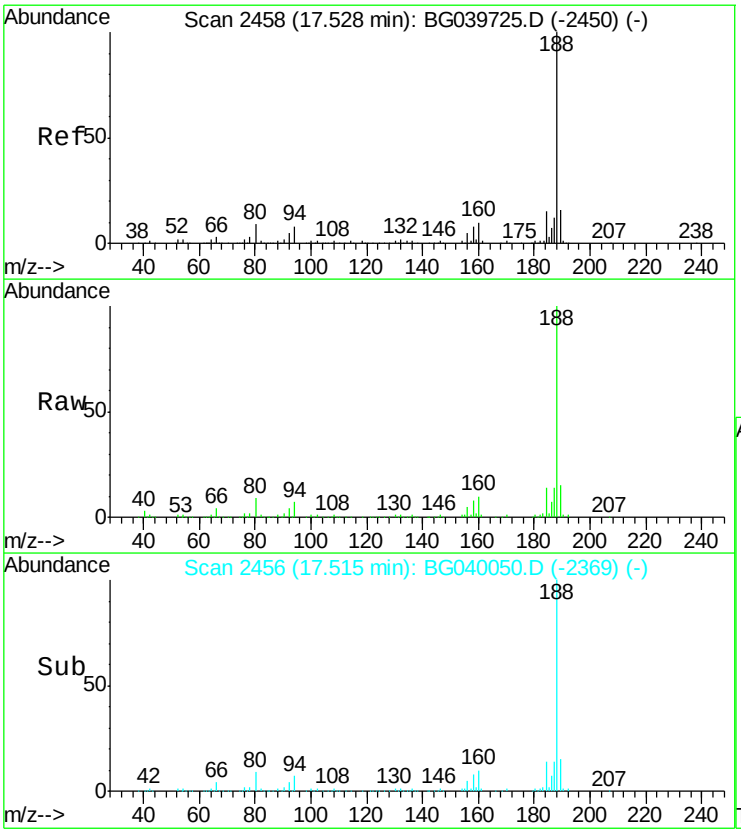
#57
2,4-Dinitrotoluene
Concen: 5.253 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.38 min
Lab File: BG040050.D
Acq: 21 Mar 2019 00:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15828

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	1.7	64.6	96.8#
182	0.0	2.0	3.0#

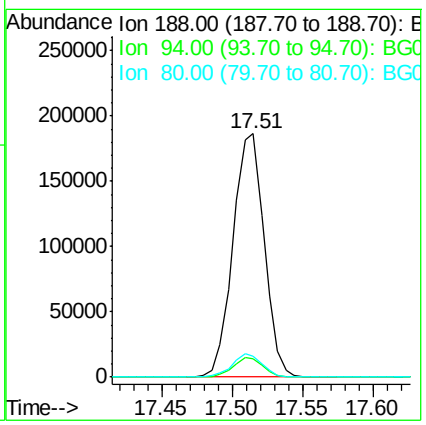


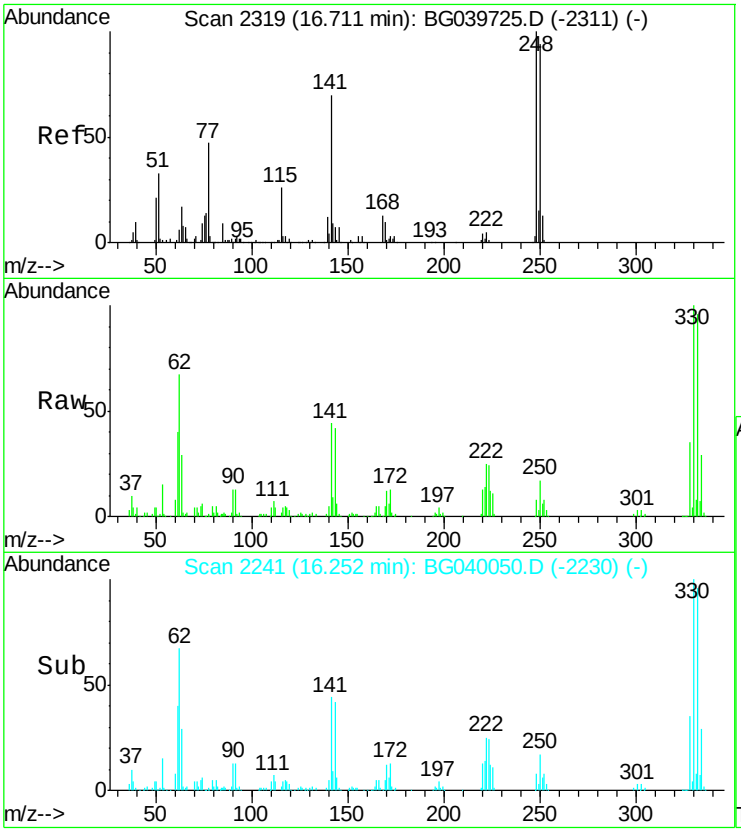


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040050.D
Acq: 21 Mar 2019 00:26

Tgt Ion:188 Resp: 287843

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	8.6	8.1	12.1



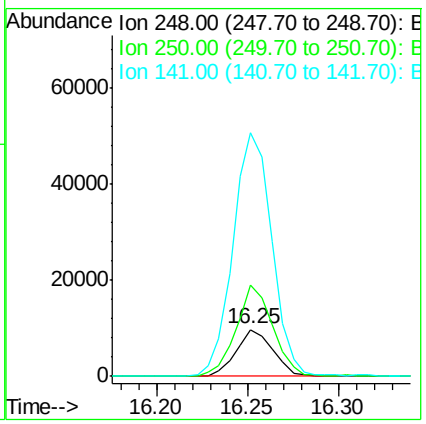


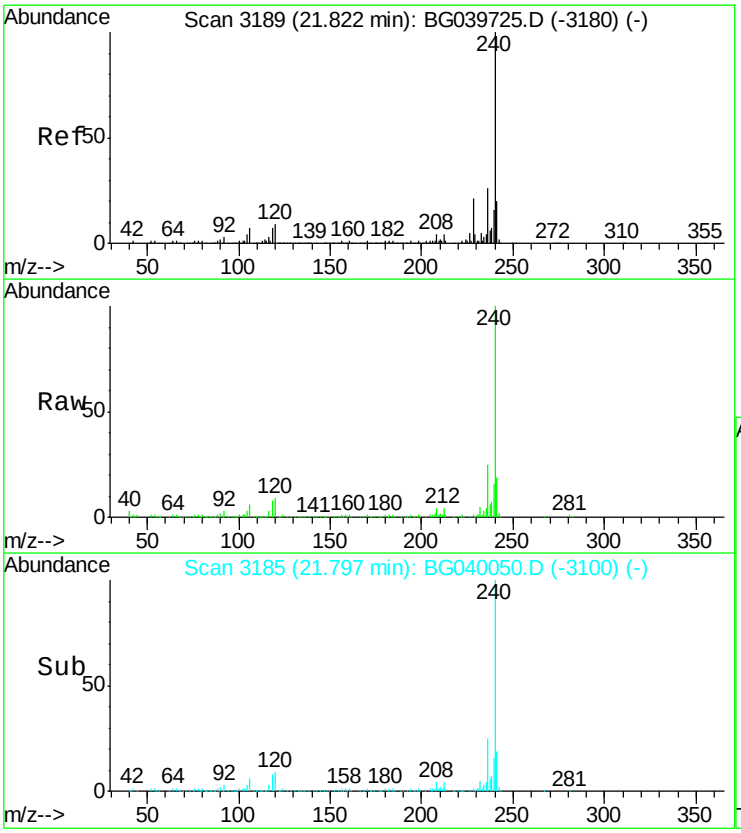
#67
4-Bromophenyl-phenylether
Concen: 4.247 ng
RT: 16.25 min Scan# 2241
Delta R.T. -0.47 min
Lab File: BG040050.D
Acq: 21 Mar 2019 00:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 13684

Ion	Ratio	Lower	Upper
248	100		
250	195.6	77.6	116.4#
141	523.7	63.9	95.9#

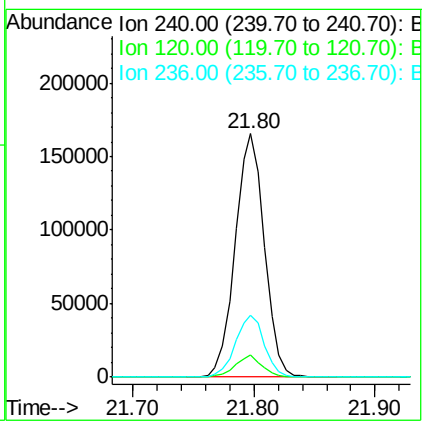


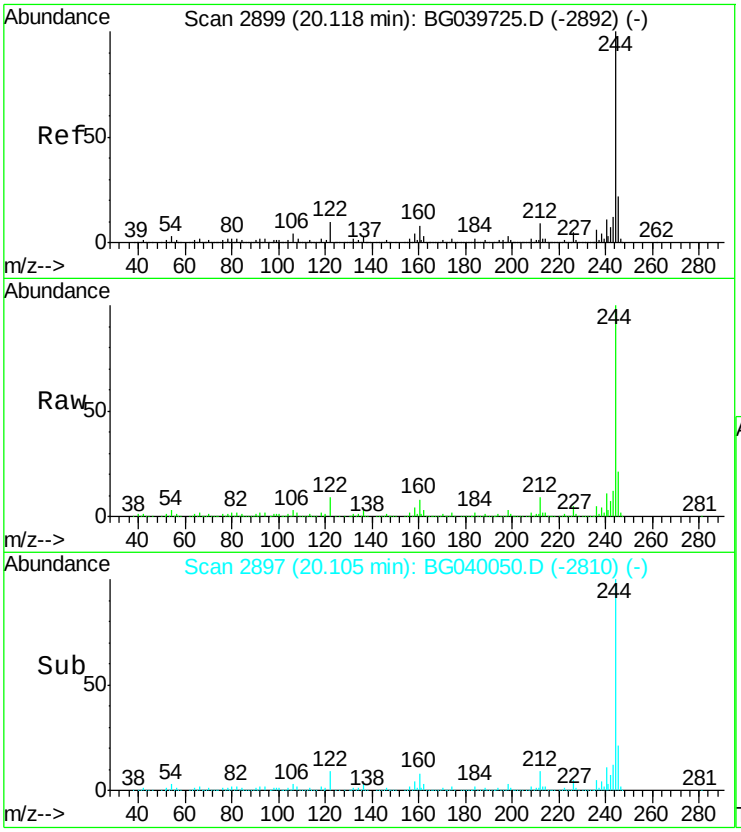


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040050.D
Acq: 21 Mar 2019 00:26

Tgt Ion:240 Resp: 278180

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.0	10.6
236	25.5	21.0	31.4



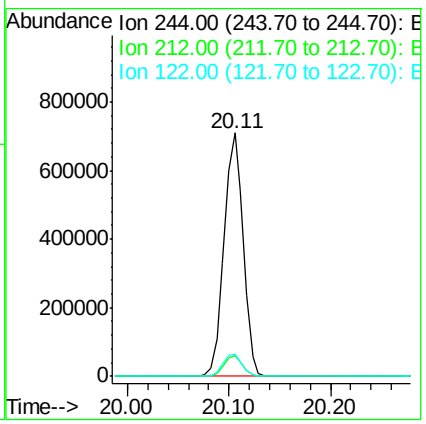


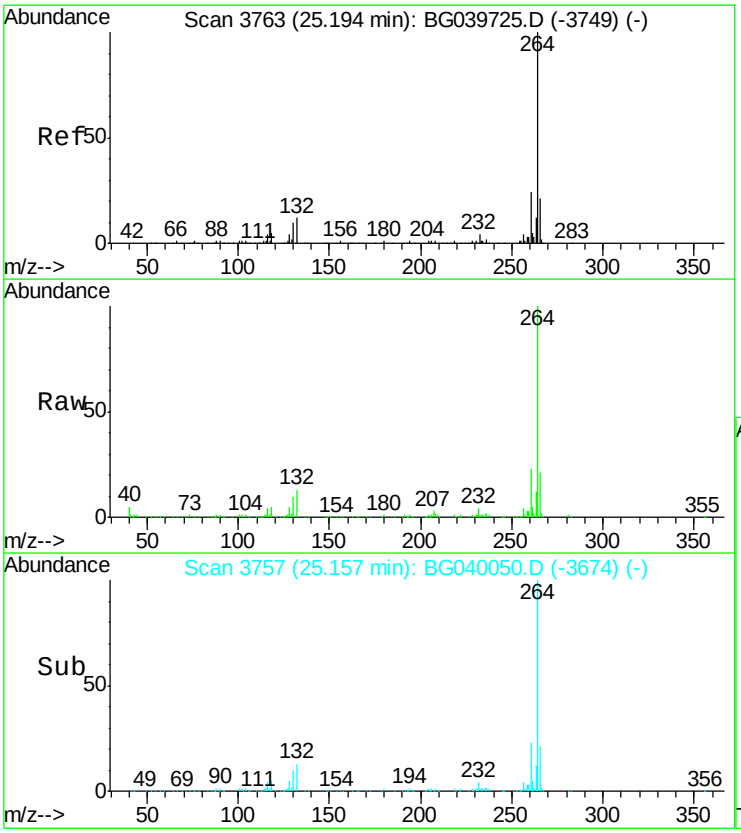
#79
Terphenyl-d14
Concen: 73.371 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040050.D
Acq: 21 Mar 2019 00:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 926982

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.3	10.9
122	9.0	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG040050.D
Acq: 21 Mar 2019 00:26

Tgt Ion:264 Resp: 279267

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	20.8	18.5	27.7