Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039965.D
Acq On : 16 Mar 2019 7:11
Operator : JU/SJ
Sample : K1892-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GARAGE-FLOOR

Quant Time: Mar 18 01:07:04 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	44923	20.00	ng		-0.03
21) Naphthalene-d8	10.96	136	187994	20.00	ng		-0.03
39) Acenaphthene-d10	14.77	164	125173	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	288704	20.00	ng		-0.01
76) Chrysene-d12	21.80	240	290310	20.00	ng		-0.03
87) Perylene-d12	25.17	264	297984	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	336184	127.67	ng		-0.01
7) Phenol-d6	7.30	99	446163	113.63	ng		-0.01
23) Nitrobenzene-d5	9.33	82	352216	101.33	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	223681	153.31	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	807579	91.86	ng		-0.02
79) Terphenyl-d14	20.11	244	1185402	89.90	ng		-0.01
Target Compounds							Qvalue
16) 2,2'-oxybis(1-Chloropropan	8.81	45	49077	7.399	ng		81
19) n-Nitroso-di-n-propylamine	8.84	70	36984	13.087	ng	#	32
20) 3+4-Methylphenols	8.91	107	10141	2.692	ng		92
27) 2,4-Dimethylphenol	10.34	122	17484	6.385	ng	#	6
32) Benzoic acid	10.34	122	17484	14.620	ng		95
51) 2,6-Dinitrotoluene	14.77	165	16828	7.584	ng	#	26
57) 2,4-Dinitrotoluene	14.77	165	16828	5.397	ng	#	21
67) 4-Bromophenyl-phenylether	16.26	248	17637	5.458	ng	#	1
69) Atrazine	17.16	200	21256	6.462	ng	#	35
70) Pentachlorophenol	17.16	266	99425	46.998	ng		97
77) Benzidine	20.11	184	24151	2.622	ng	#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039965.D
Acq On : 16 Mar 2019 7:11
Operator : JU/SJ
Sample : K1892-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GARAGE-FLOOR

Quant Time: Mar 18 01:07:04 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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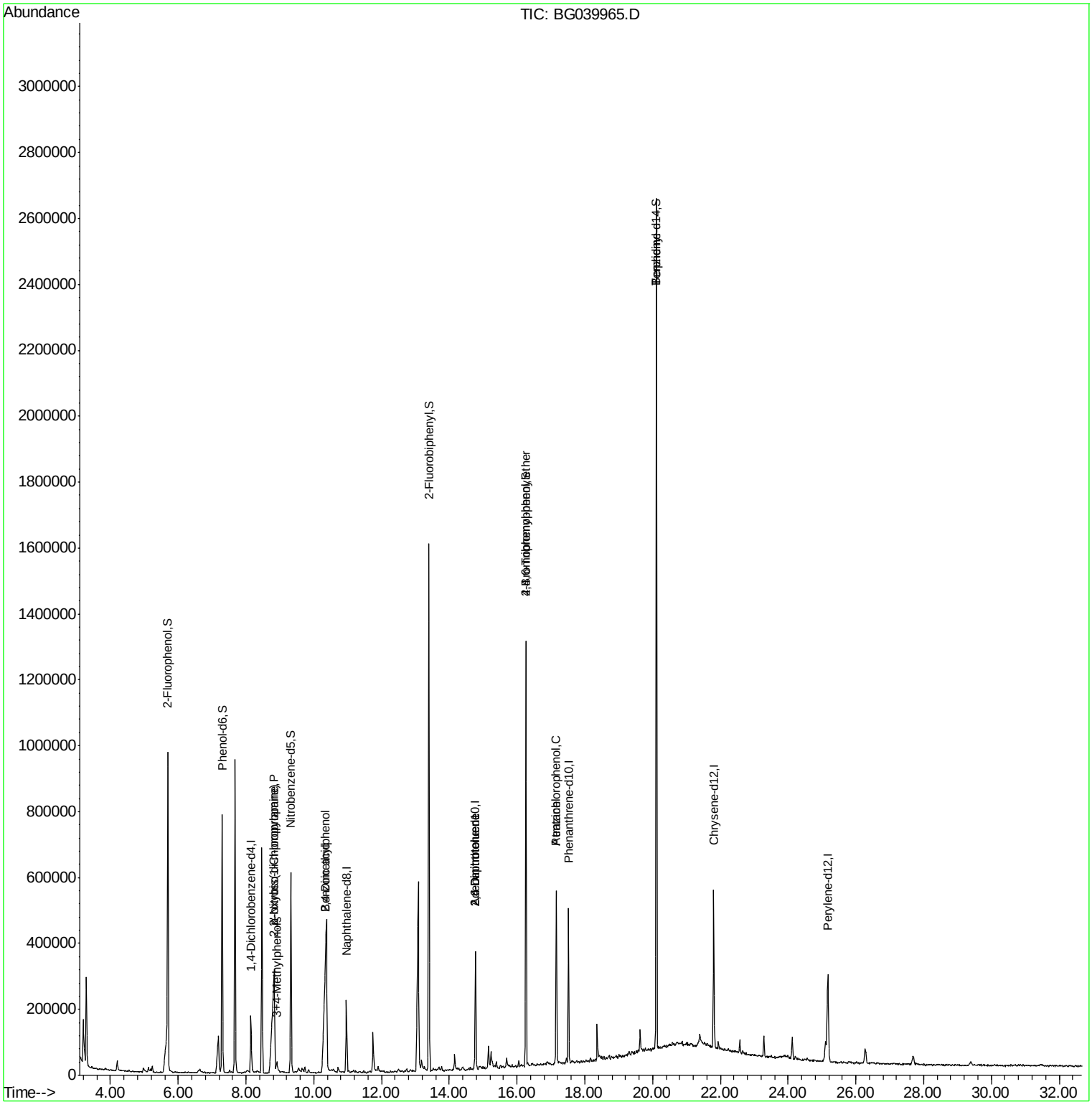
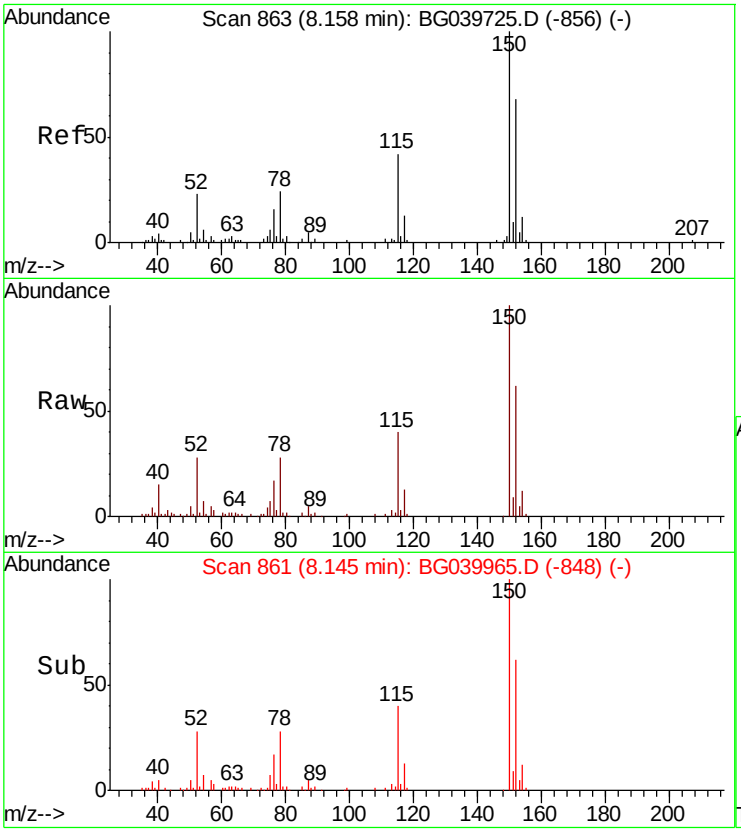


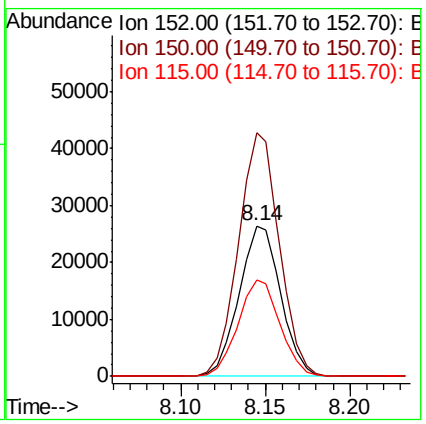


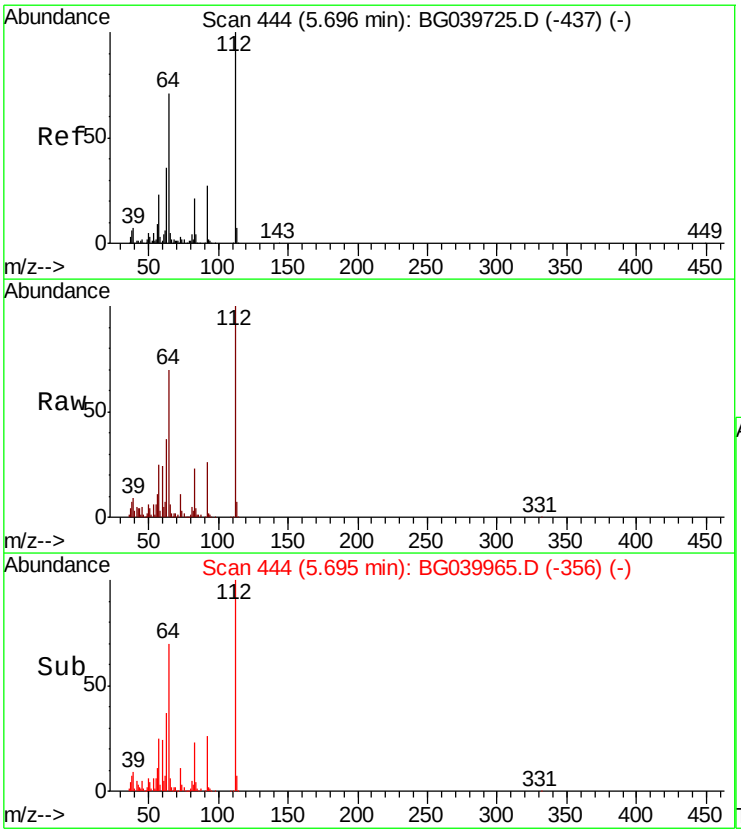
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 861
Delta R.T. -0.03 min
Lab File: BG039965.D
Acq: 16 Mar 2019 7:11

Instrument :
BNA_G
ClientSampleId :
GARAGE-FLOOR

Tgt Ion:152 Resp: 44923

Ion	Ratio	Lower	Upper
152	100		
150	162.1	123.7	185.5
115	64.2	45.9	68.9

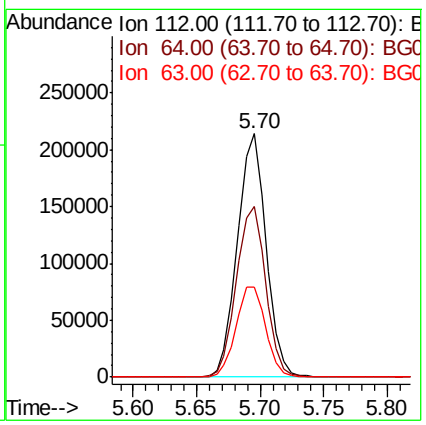


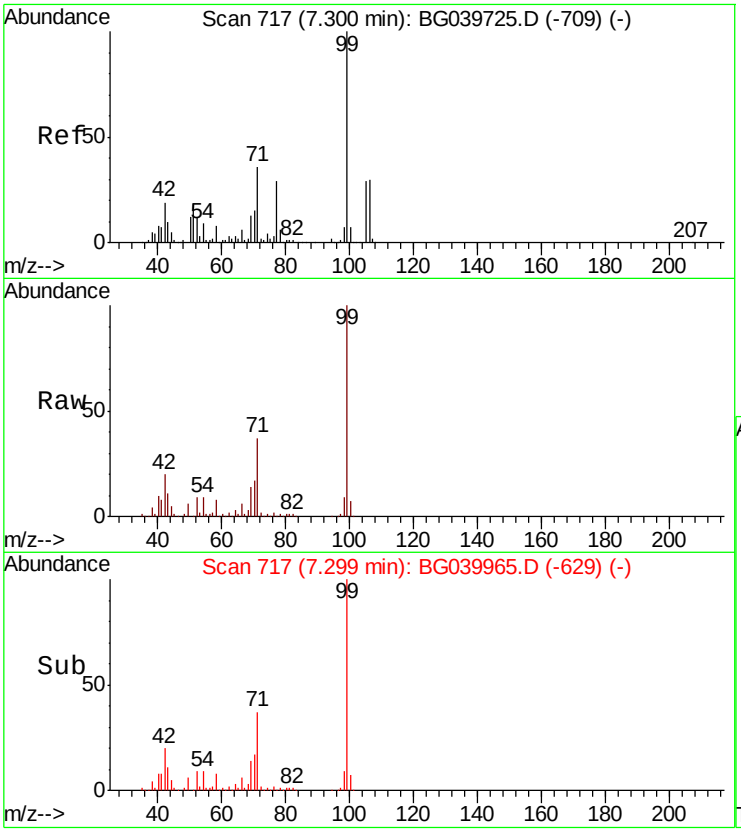


#5
2-Fluorophenol
Concen: 127.670 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039965.D
Acq: 16 Mar 2019 7:11

Tgt Ion:112 Resp: 336184

Ion	Ratio	Lower	Upper
112	100		
64	70.4	57.8	86.8
63	36.8	29.8	44.6



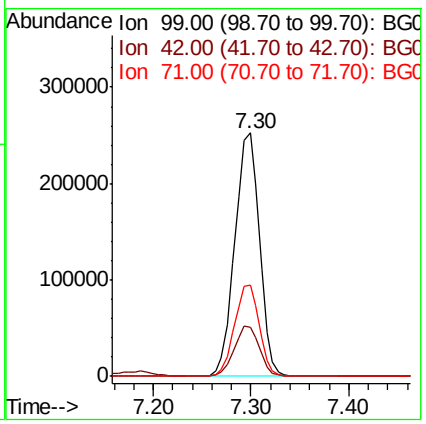


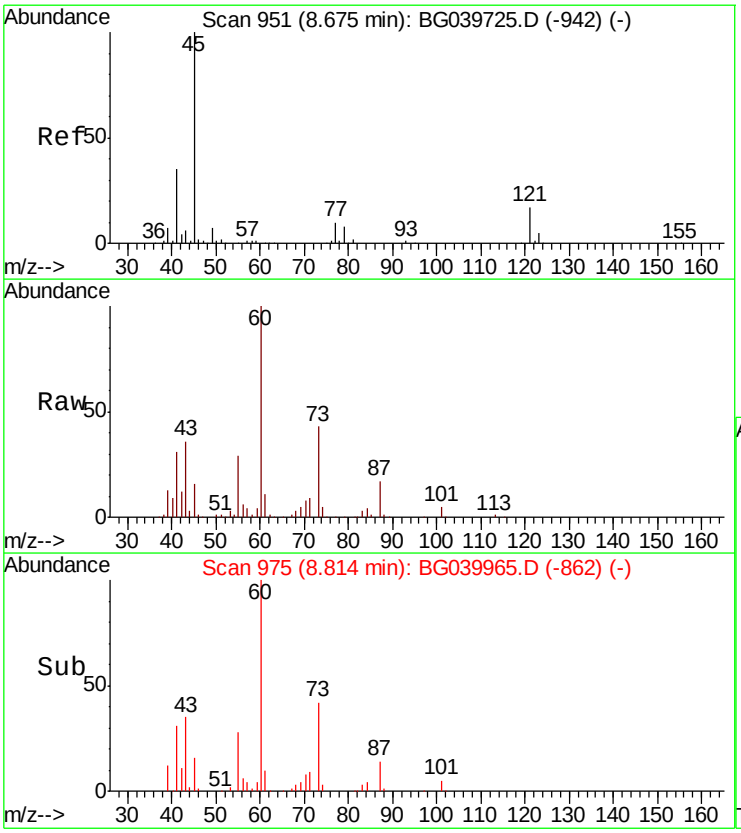
#7
Phenol-d6
Concen: 113.635 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG039965.D
Acq: 16 Mar 2019 7:11

Instrument :
BNA_G
ClientSampleId :
GARAGE-FLOOR

Tgt Ion: 99 Resp: 446163

Ion	Ratio	Lower	Upper
99	100		
42	20.2	18.2	27.2
71	37.5	28.0	42.0

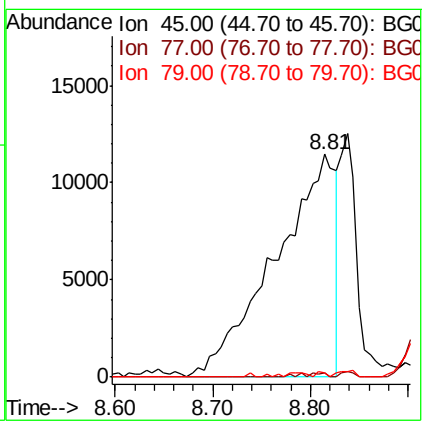


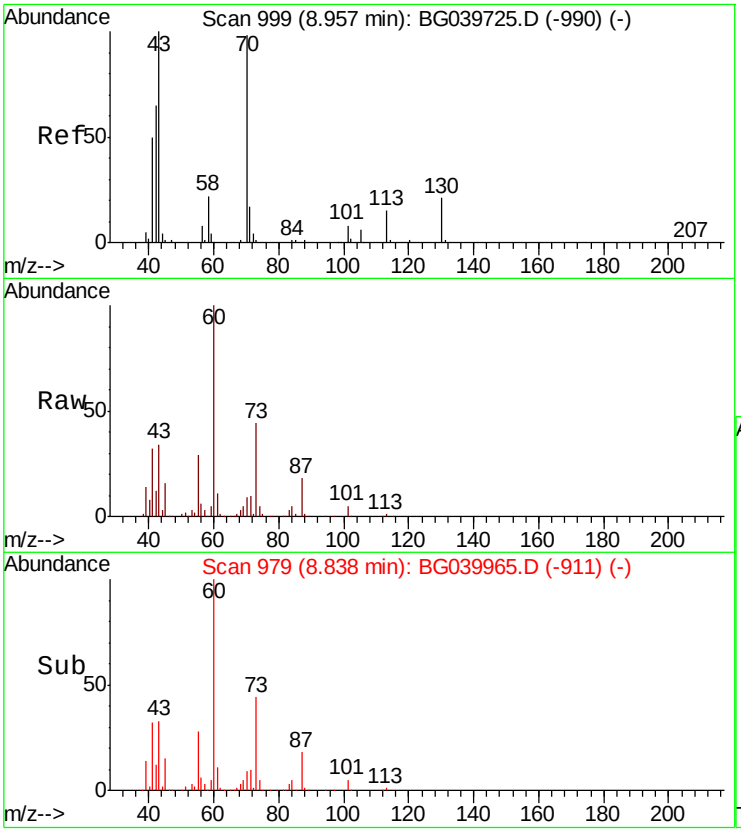


#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.399 ng
RT: 8.81 min Scan# 975
Delta R.T. 0.13 min
Lab File: BG039965.D
Acq: 16 Mar 2019 7:11

Tgt Ion: 45 Resp: 49077

Ion	Ratio	Lower	Upper
45	100		
77	1.8	0.0	30.0
79	2.1	0.0	27.5



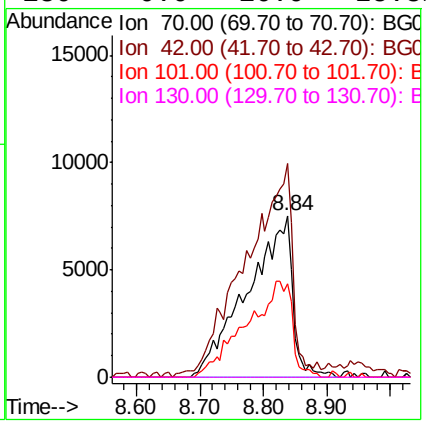


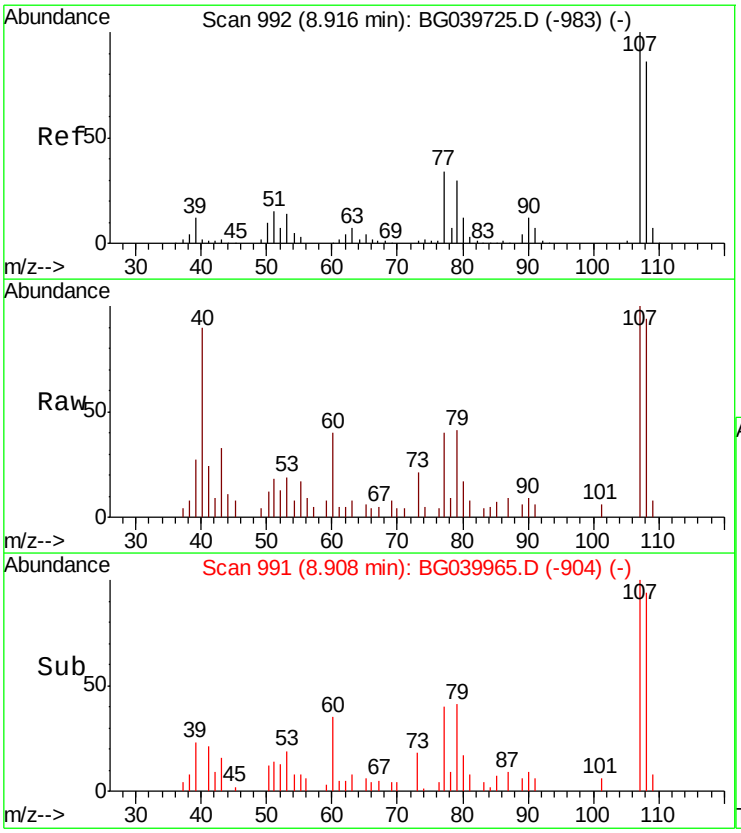
#19
n-Nitroso-di-n-propylamine
Concen: 13.087 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.13 min
Lab File: BG039965.D
Acq: 16 Mar 2019 7:11

Instrument :
BNA_G
ClientSampleId :
GARAGE-FLOOR

Tgt Ion: 70 Resp: 36984

Ion	Ratio	Lower	Upper
70	100		
42	132.3	60.4	90.6#
101	57.6	7.5	11.3#
130	0.0	16.9	25.3#

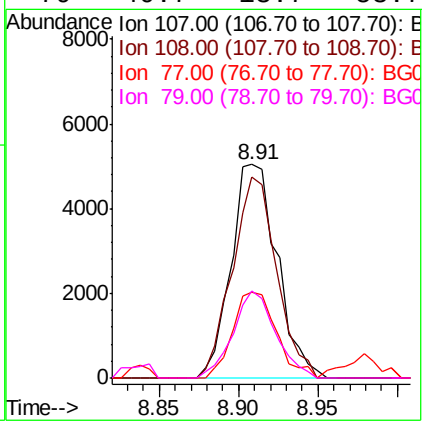


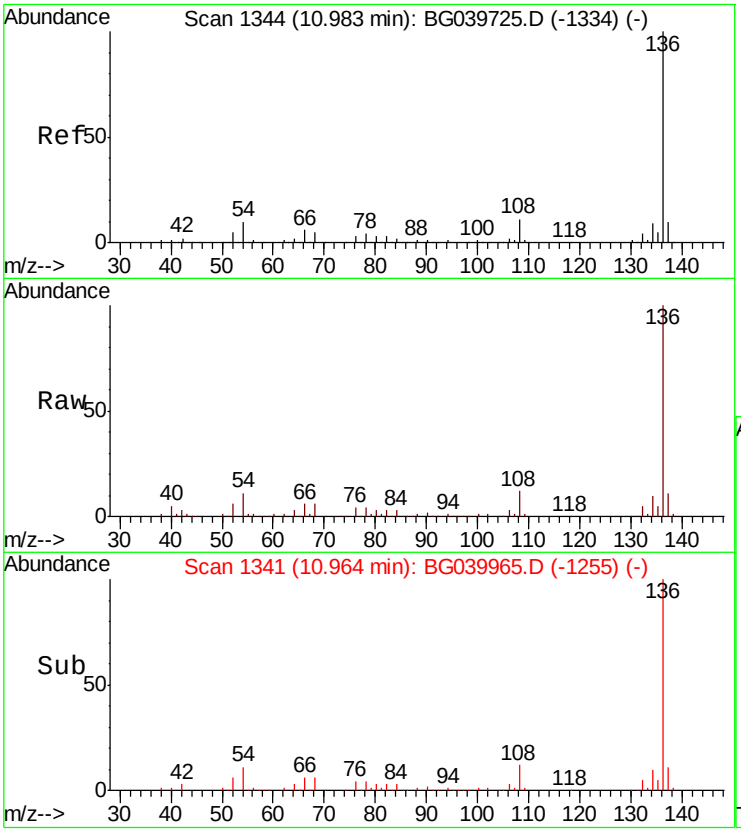


#20
3+4-Methylphenols
Concen: 2.692 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG039965.D
Acq: 16 Mar 2019 7:11

Tgt Ion:107 Resp: 10141

Ion	Ratio	Lower	Upper
107	100		
108	93.8	67.9	107.9
77	39.9	15.4	55.4
79	40.7	13.7	53.7



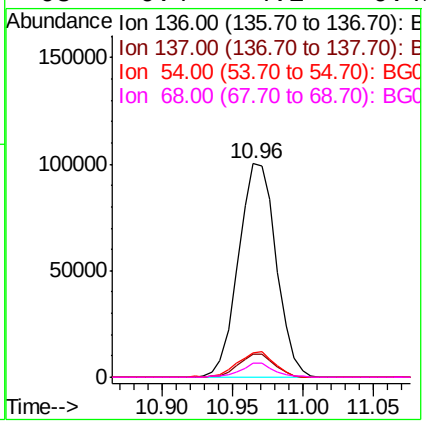


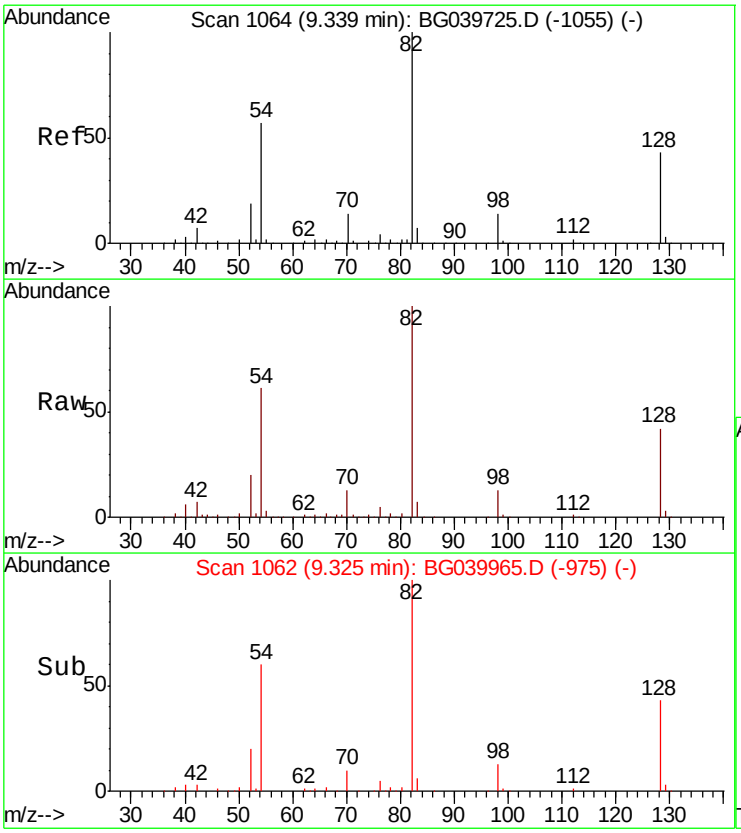
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BG039965.D
Acq: 16 Mar 2019 7:11

Instrument :
BNA_G
ClientSampleId :
GARAGE-FLOOR

Tgt Ion:136 Resp: 187994

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	11.3	9.4	14.2
68	6.4	4.2	6.4#

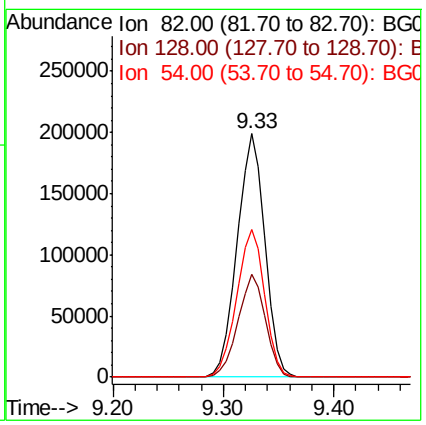


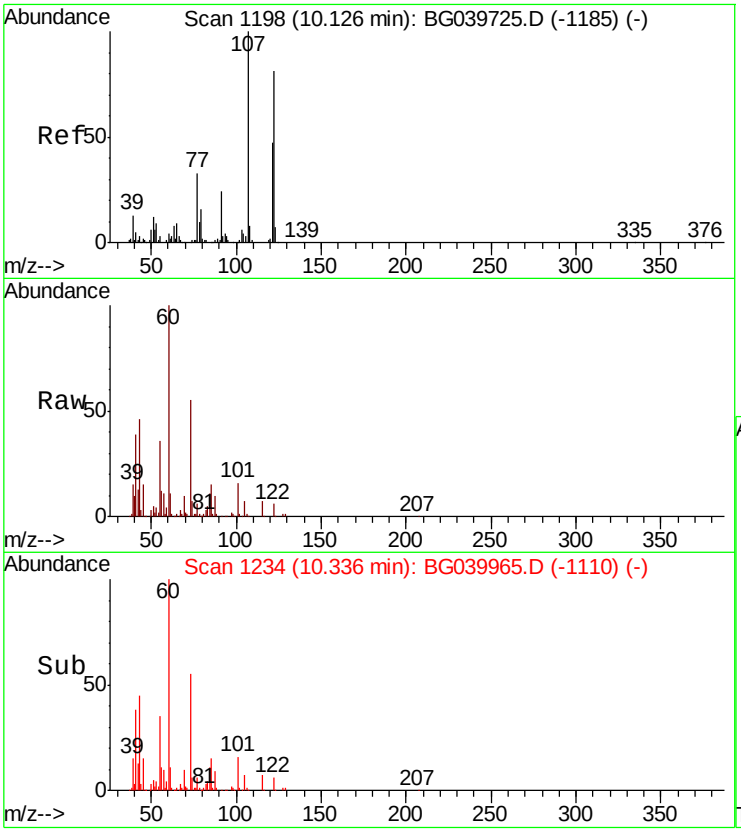


#23
Nitrobenzene-d5
Concen: 101.329 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039965.D
Acq: 16 Mar 2019 7:11

Tgt Ion: 82 Resp: 352216

Ion	Ratio	Lower	Upper
82	100		
128	42.5	31.3	46.9
54	60.5	50.9	76.3



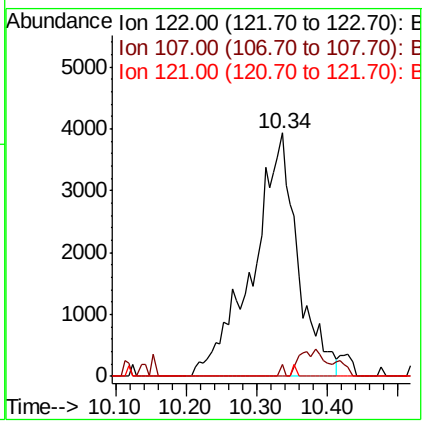


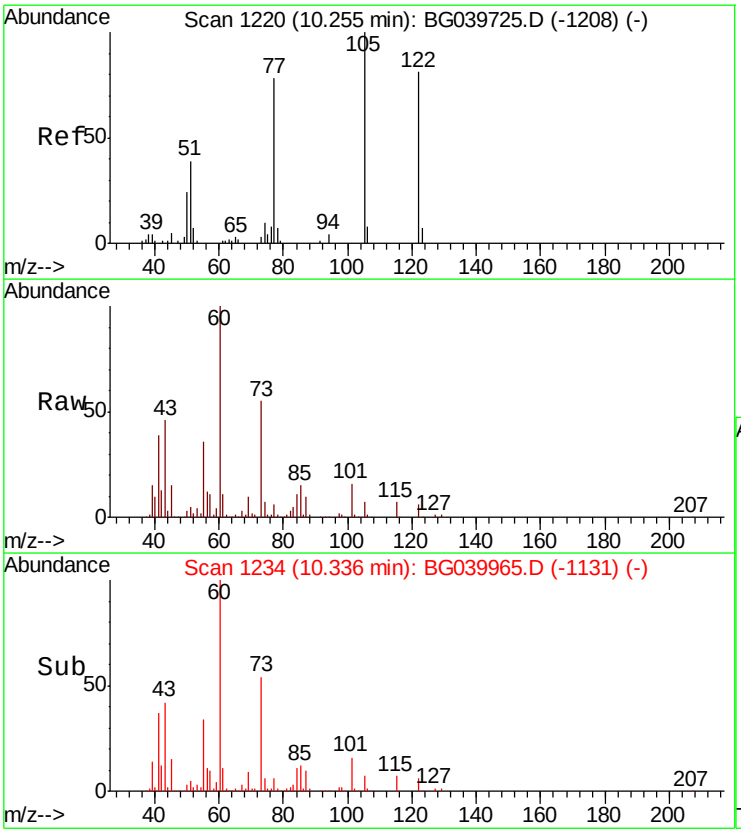
#27
2,4-Dimethylphenol
Concen: 6.385 ng
RT: 10.34 min Scan# 1234
Delta R.T. 0.20 min
Lab File: BG039965.D
Acq: 16 Mar 2019 7:11

Instrument :
BNA_G
ClientSampleId :
GARAGE-FLOOR

Tgt Ion:122 Resp: 17484

Ion	Ratio	Lower	Upper
122	100		
107	4.7	91.7	137.5#
121	0.0	46.4	69.6#

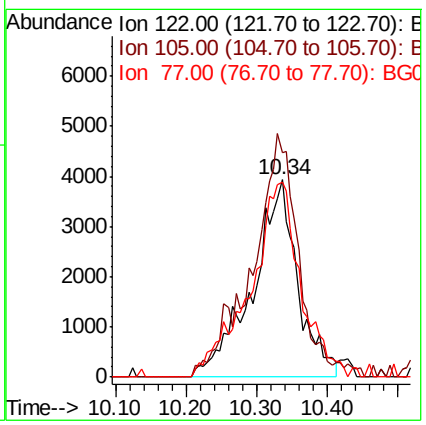


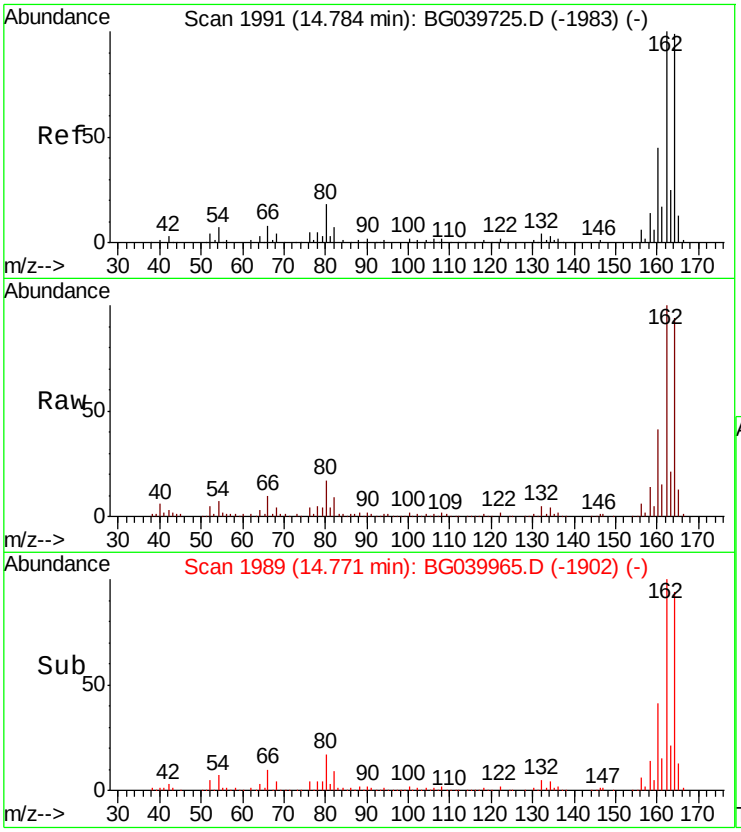


#32
Benzoic acid
Concen: 14.620 ng
RT: 10.34 min Scan# 1234
Delta R.T. 0.07 min
Lab File: BG039965.D
Acq: 16 Mar 2019 7:11

Tgt Ion:122 Resp: 17484

Ion	Ratio	Lower	Upper
122	100		
105	113.8	101.8	141.8
77	98.7	76.3	116.3



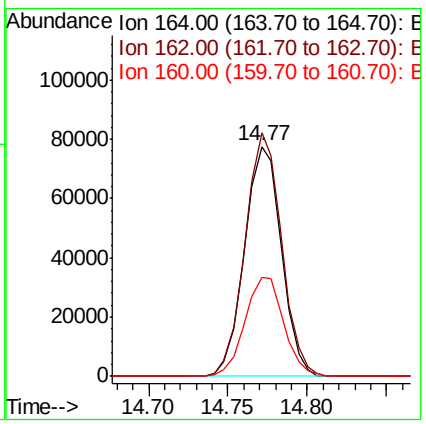


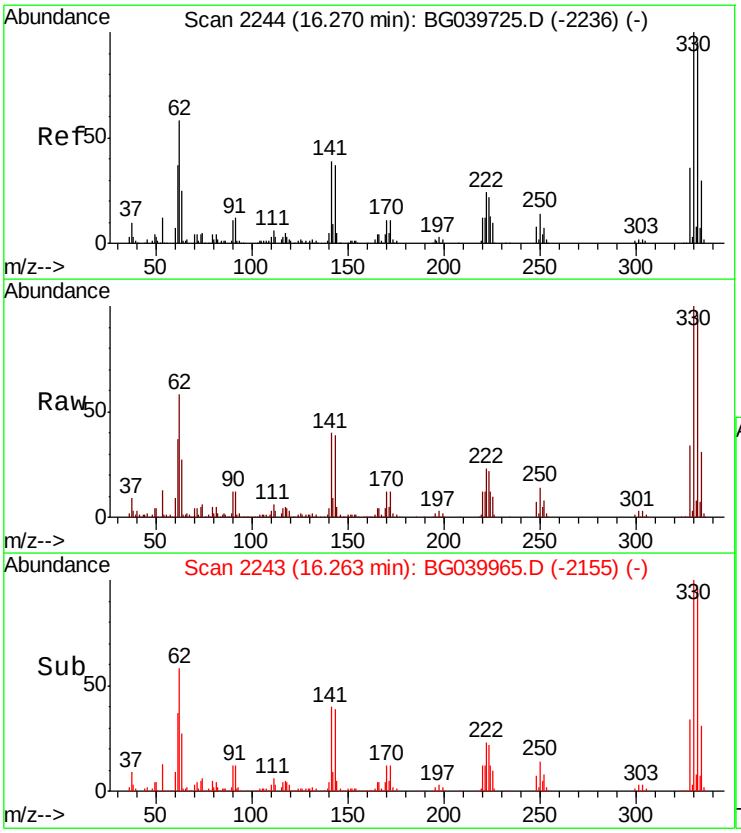
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039965.D
Acq: 16 Mar 2019 7:11

Instrument :
BNA_G
ClientSampleId :
GARAGE-FLOOR

Tgt Ion:164 Resp: 125173

Ion	Ratio	Lower	Upper
164	100		
162	105.9	81.6	122.4
160	43.1	34.2	51.2

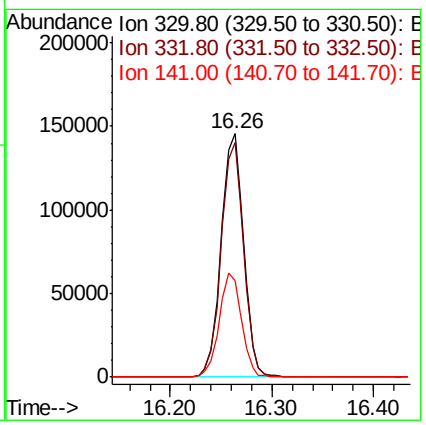


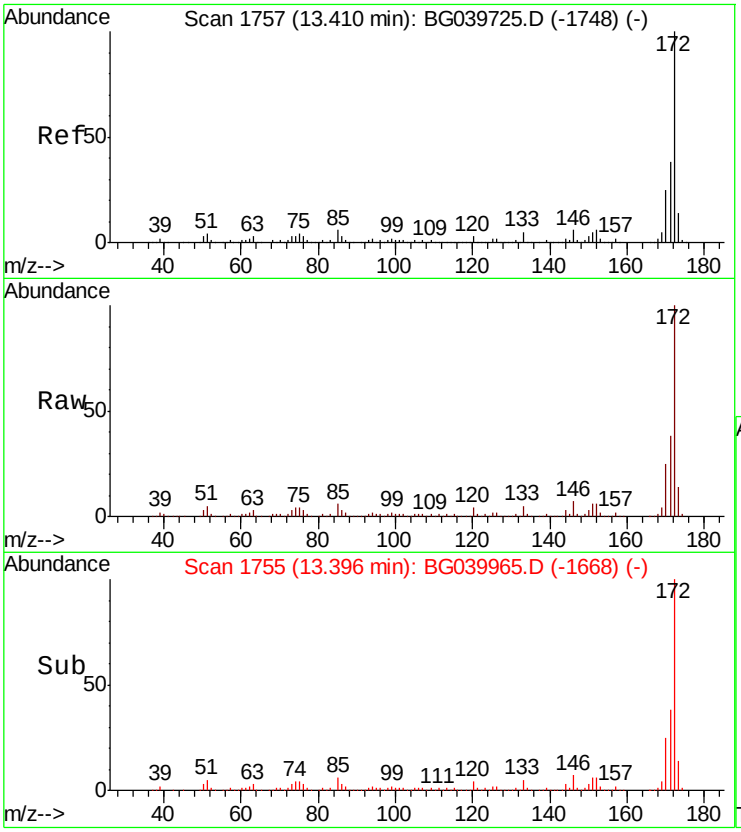


#42
2,4,6-Tribromophenol
Concen: 153.313 ng
RT: 16.26 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG039965.D
Acq: 16 Mar 2019 7:11

Tgt Ion:330 Resp: 223681

Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.7	113.5
141	42.4	35.6	53.4



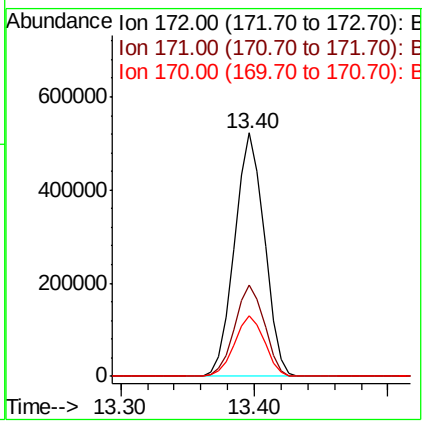


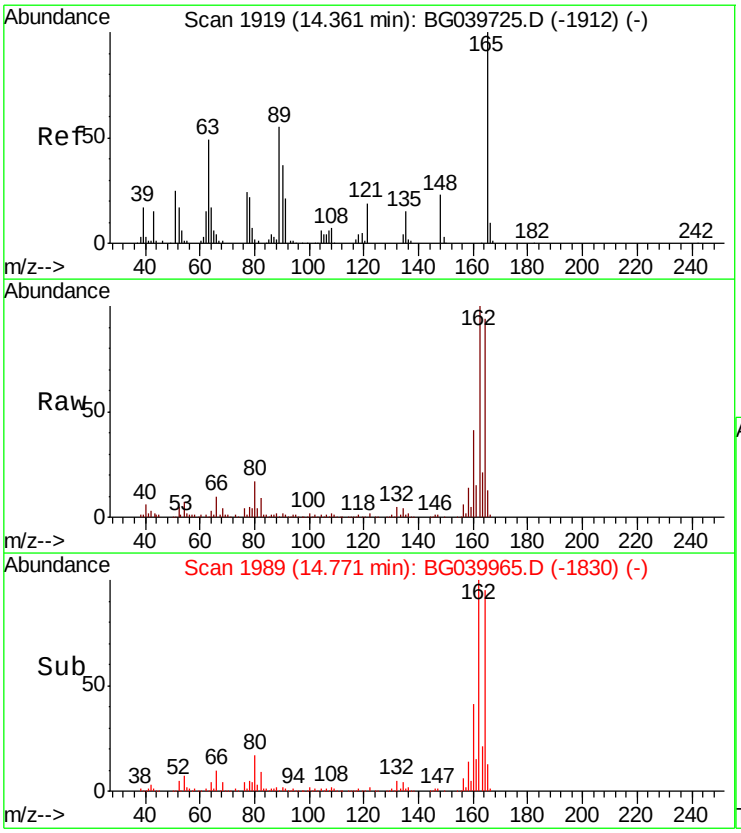
#45
2-Fluorobiphenyl
Concen: 91.861 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039965.D
Acq: 16 Mar 2019 7:11

Instrument :
BNA_G
ClientSampleId :
GARAGE-FLOOR

Tgt Ion:172 Resp: 807579

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	24.9	20.2	30.4

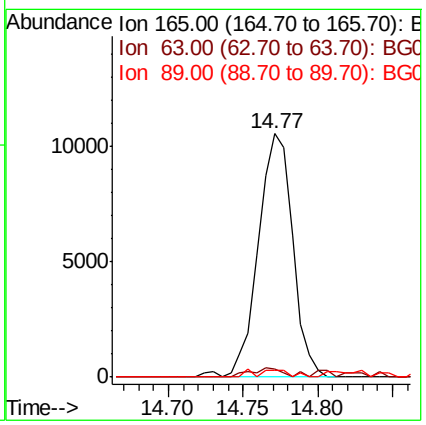


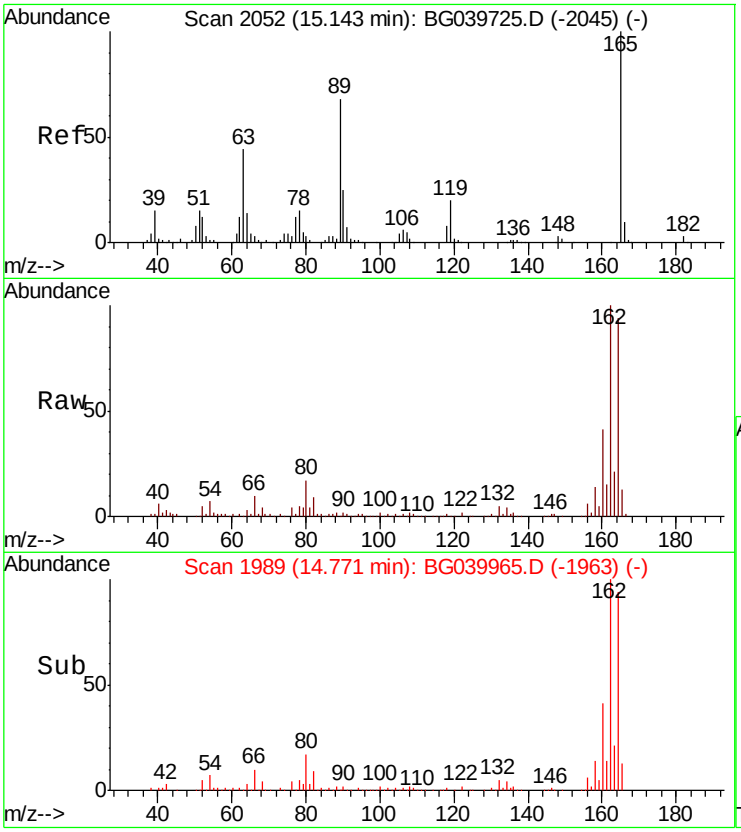


#51
2,6-Dinitrotoluene
Concen: 7.584 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.40 min
Lab File: BG039965.D
Acq: 16 Mar 2019 7:11

Tgt Ion:165 Resp: 16828

Ion	Ratio	Lower	Upper
165	100		
63	3.5	47.0	70.6#
89	2.6	45.8	68.8#



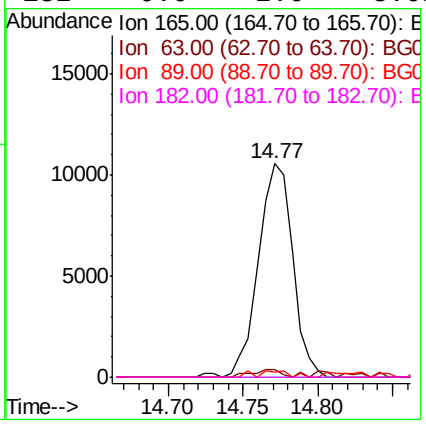


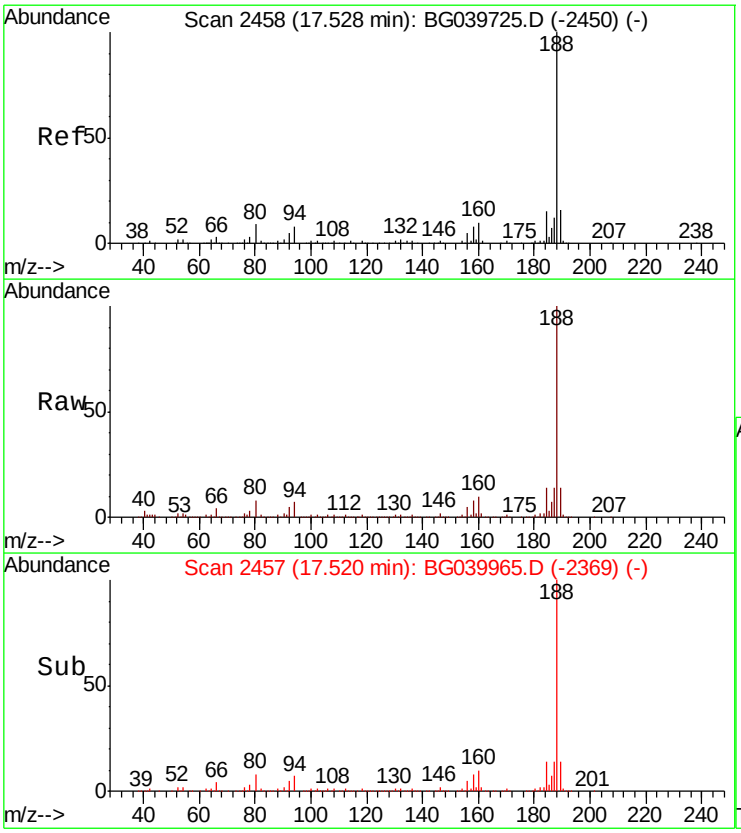
#57
2,4-Dinitrotoluene
Concen: 5.397 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.38 min
Lab File: BG039965.D
Acq: 16 Mar 2019 7:11

Instrument :
BNA_G
ClientSampleId :
GARAGE-FLOOR

Tgt Ion:165 Resp: 16828

Ion	Ratio	Lower	Upper
165	100		
63	3.5	41.0	61.6#
89	2.6	64.6	96.8#
182	0.0	2.0	3.0#

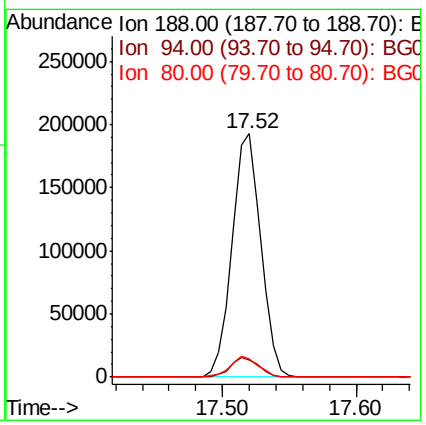


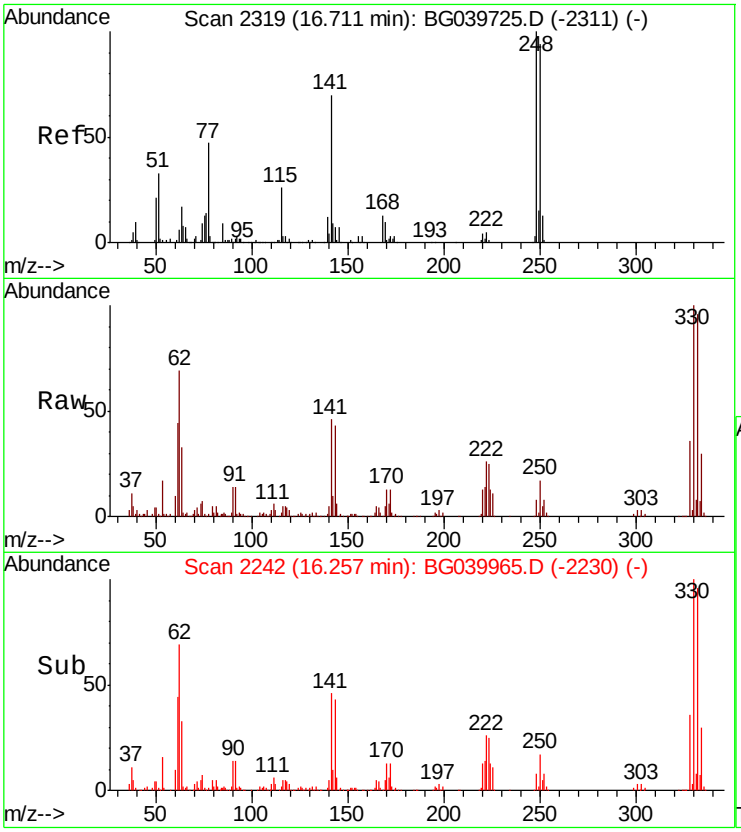


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039965.D
Acq: 16 Mar 2019 7:11

Tgt Ion:188 Resp: 288704

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	7.8	8.1	12.1#



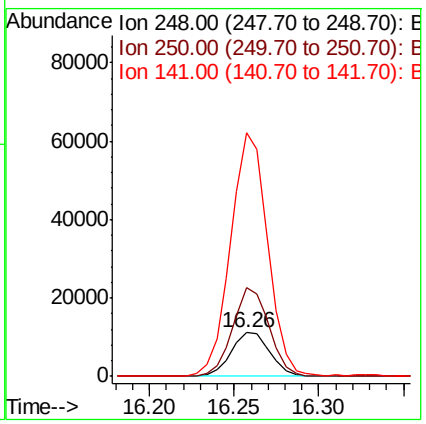


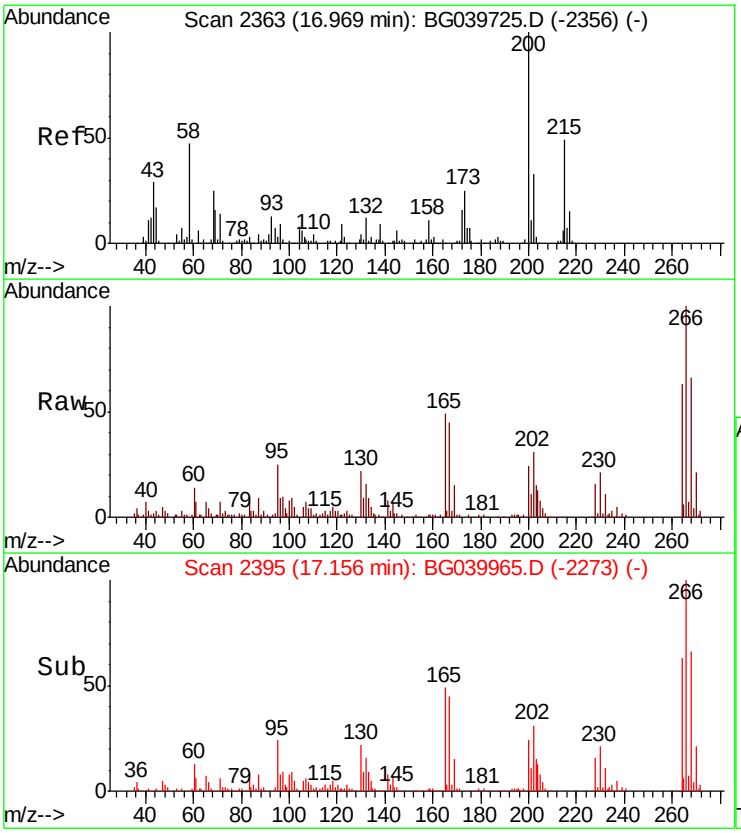
#67
4-Bromophenyl-phenylether
Concen: 5.458 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.46 min
Lab File: BG039965.D
Acq: 16 Mar 2019 7:11

Instrument :
BNA_G
ClientSampleId :
GARAGE-FLOOR

Tgt Ion:248 Resp: 17637

Ion	Ratio	Lower	Upper
248	100		
250	203.4	77.6	116.4#
141	556.8	63.9	95.9#

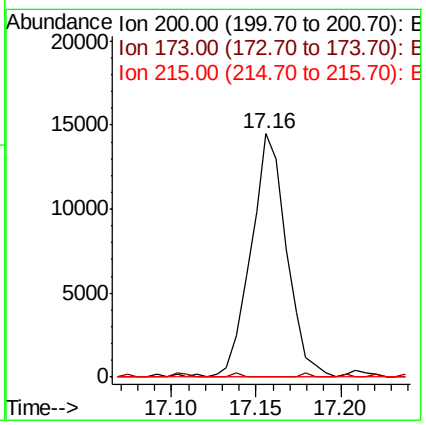


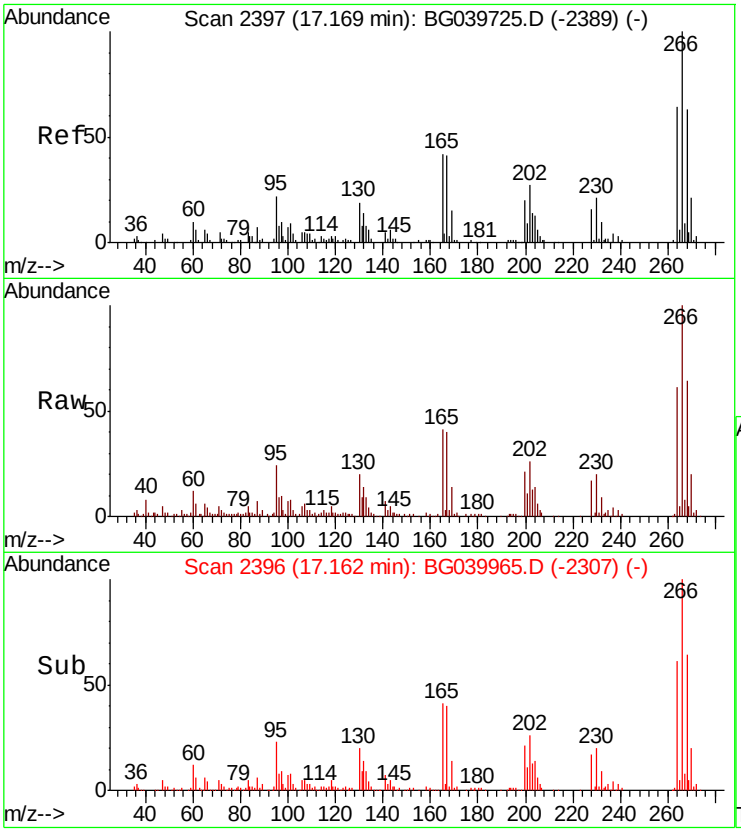


#69
Atrazine
Concen: 6.462 ng
RT: 17.16 min Scan# 2395
Delta R.T. 0.19 min
Lab File: BG039965.D
Acq: 16 Mar 2019 7:11

Tgt Ion:200 Resp: 21256

Ion	Ratio	Lower	Upper
200	100		
173	0.0	3.9	43.9#
215	0.0	30.9	70.9#



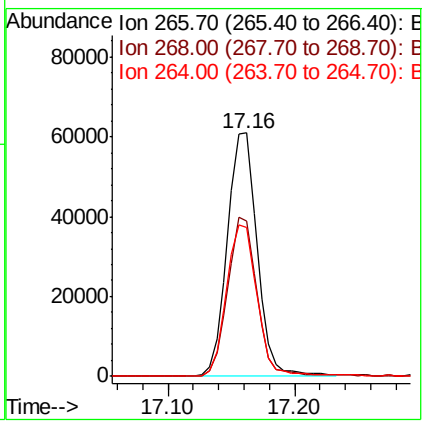


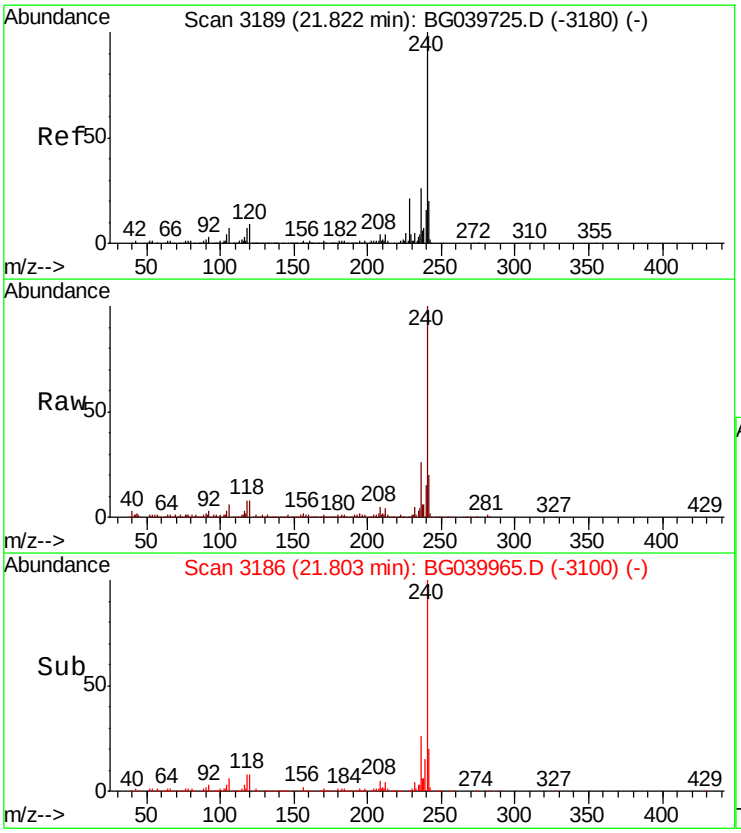
#70
Pentachlorophenol
Concen: 46.998 ng
RT: 17.16 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BG039965.D
Acq: 16 Mar 2019 7:11

Instrument :
BNA_G
ClientSampleId :
GARAGE-FLOOR

Tgt Ion:266 Resp: 99425

Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.1	76.7
264	61.2	52.1	78.1

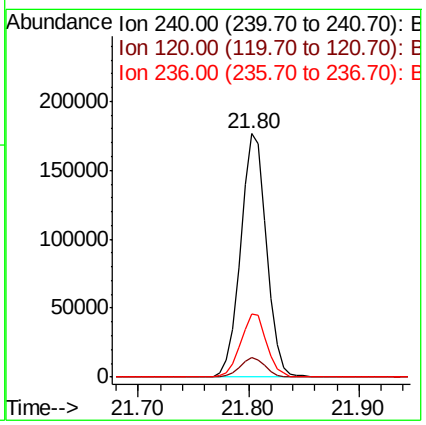


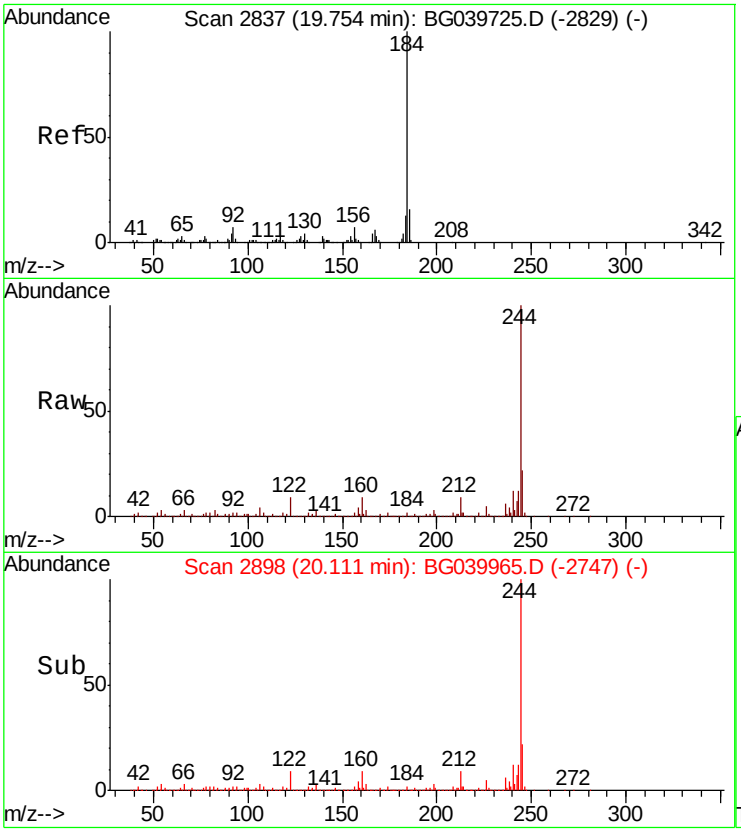


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.03 min
Lab File: BG039965.D
Acq: 16 Mar 2019 7:11

Tgt Ion:240 Resp: 290310

Ion	Ratio	Lower	Upper
240	100		
120	7.9	7.0	10.6
236	26.1	21.0	31.4



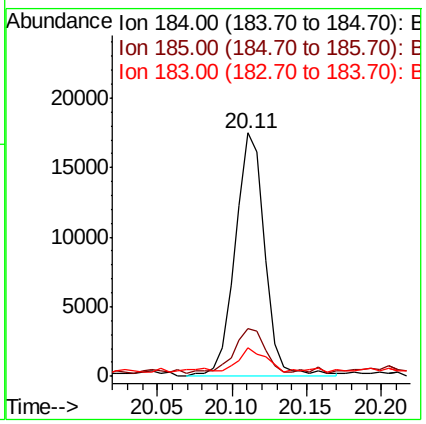


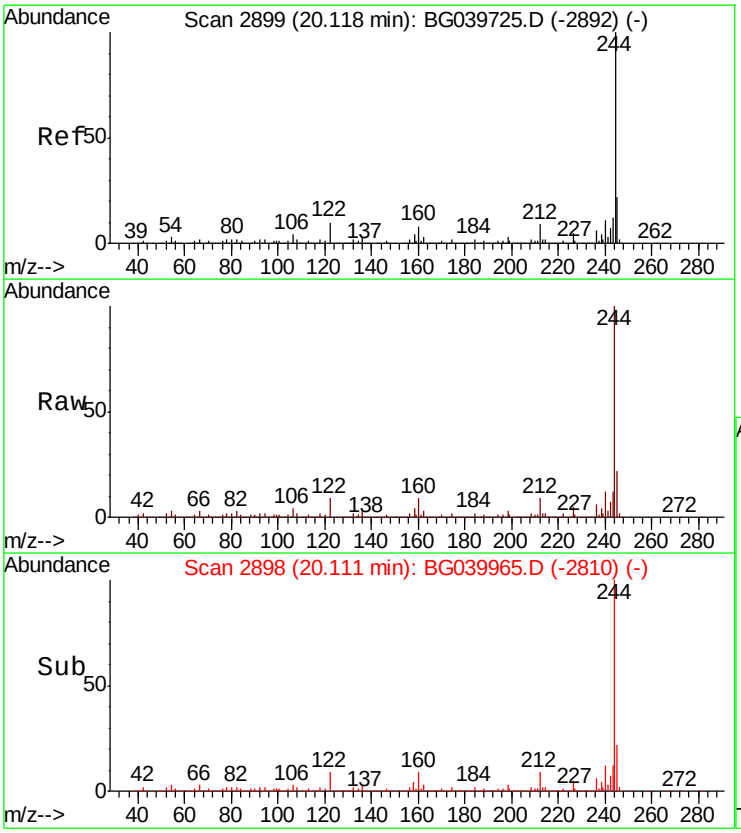
#77
Benzidine
Concen: 2.622 ng
RT: 20.11 min Scan# 2898
Delta R.T. 0.36 min
Lab File: BG039965.D
Acq: 16 Mar 2019 7:11

Instrument :
BNA_G
ClientSampleId :
GARAGE-FLOOR

Tgt Ion:184 Resp: 24151

Ion	Ratio	Lower	Upper
184	100		
185	19.8	12.2	18.2#
183	11.7	10.6	15.8

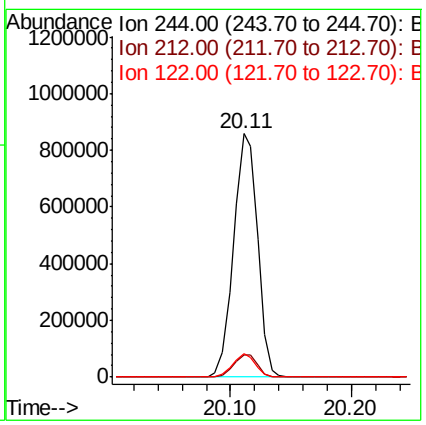


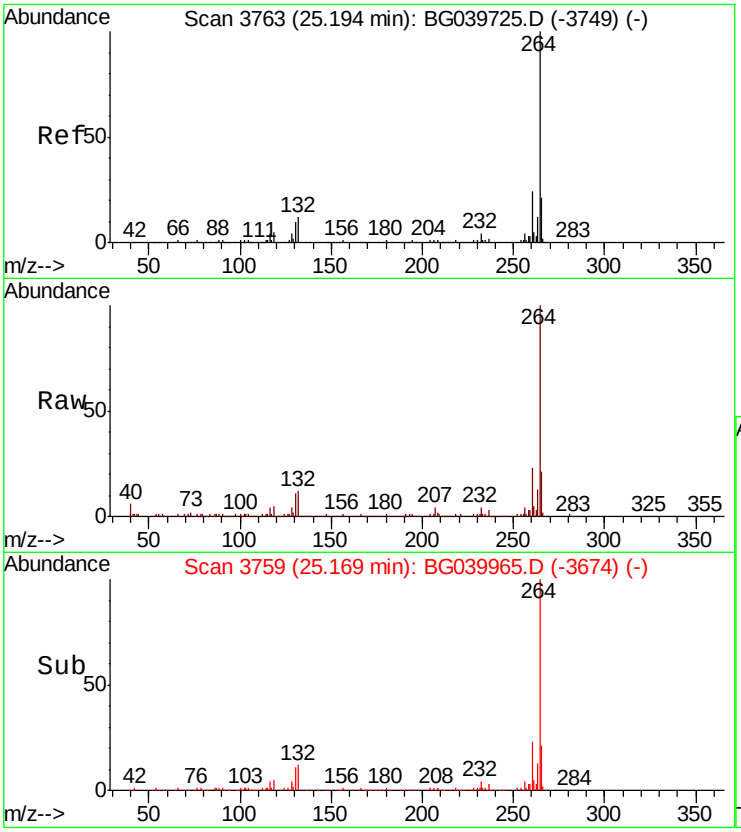


#79
Terphenyl-d14
Concen: 89.905 ng
RT: 20.11 min Scan# 2898
Delta R.T. -0.01 min
Lab File: BG039965.D
Acq: 16 Mar 2019 7:11

Tgt Ion:244 Resp: 1185402

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





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.17 min Scan# 3759
Delta R.T. -0.03 min
Lab File: BG039965.D
Acq: 16 Mar 2019 7:11

Instrument :
BNA_G
ClientSampleId :
GARAGE-FLOOR

Tgt Ion:264 Resp: 297984

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